

INVITATION TO BID

Department of Family & Community Services Sitka Pioneer Home Bathroom Renovation ANC 24-12C

Bidders are invited to submit sealed bids, in single copy, to: Provide all labor, supervision, permits, equipment and materials to renovate two bathing suites in the Sitka Pioneer Home in Sitka, Ak. Work will include reconfiguring bathroom entrances and layout to provide more accessibility to residents and staff. Additional work will include replacement of two tubs, new fixtures, finishes, and flooring.

A Pre-Bid walk through is scheduled for Tuesday April 16, 2024, at 2:00 p.m. at the Sitka Pioneer Home (SPH). Bidders are strongly encouraged to attend. Please meet in the main lobby located at 120 Katlian Street, Sitka, AK 99835.

Project related questions or clarifications: Michael Fleming, Project Manager at (907) 269-7820 or michael.fleming@alaska.gov

**Bid Deadline is 2:00pm April 30, 2024, local time.
Bids will be opened publicly at 2:00 pm local time April 30, 2024, at 3601 C Street Suite 290 Anchorage, AK 99503**

Bids, modifications, or withdrawals transmitted by mail must be received no later than 30 minutes prior to the scheduled time of bid opening.

Michael Fleming at 3601 C Street - Suite 290 Anchorage Alaska 99503 must receive hand-delivered bids, modifications, or withdrawals prior to the scheduled time of bid opening.

Faxed bid modifications must be addressed to:

DFCS/FMS/Facilities - ATTN: Michael Fleming - Fax number: (907) 334-2689

The Engineer's Estimate: Between \$200,000 and \$450,000

The Project completion date: 180 Days after NTP

Plans and Specifications may be printed by the Bidder from:

- the State of Alaska website (www.state.ak.us) Public Notices Online button, click on the More Public Notices button, Browse Active Public Notice button, then Health & Social Services, and Procurement

OR

- the Bidder may forward the project website location/address information to the print shop of their choice for printing – all associated printing costs are payable by the Bidder

Bidders are responsible for checking this website for addenda. Not acknowledging addenda at the time of bid will deem the Bidder non-responsive.

Issued: April 3, 2024

**Department of Family & Community Services/Department of Health
Sitka Pioneer Home Restroom Renovations
Project No.: ANC 24-12C**

TABLE OF CONTENTS

BIDDING AND CONTRACT REQUIREMENTS - STATE FUNDED PROJECTS

BIDDING REQUIREMENTS

- 00020 - Invitation for Bids - Form 25D-7 (7/03)
- 00100 - Information to Bidders - 25D-3
- 00120 - Required Documents, 25D-4 (8/01)
- 00310 - Proposal and Non-Collusion Affidavit - Form 25D-9 (7/03)
- 00311 - Alaska Bidders Preference Certificate - Form 25D-19
 - Veterans Preference Affidavit
 - Alaska Products Preference Worksheet

- 00312 - Bid Schedule
- 00410 - Bid Security Form 25D-14 (8/01)
- 00420 - Bid Modification - Form 25D-16 (8/01)
- 00430 - Subcontractor List - Form 25D-5 (8/01)

CONTRACT FORMS

- 00510 - Construction Contract - Form 25D-10a (8/01)
- 00610 - Performance Bond - Form 25D-13 (8/01)
- 00620 - Payment Bond - Form 25D-12 (8/01)
- 00670 - Contractor's Questionnaire - Form 25D-8 (8/01)

PROVISIONS OF THE CONTRACT

- 00700 - General Conditions of the Construction Contract for Buildings
- 00800 - Supplementary General Conditions
- 00830 - Laborers' and Mechanics' Minimum Rates of Pay

STATE LABORERS' AND MECHANICS' MINIMUM RATES OF PAY

State wages can be obtained at <http://www.labor.state.ak.us/lss/pamp600.htm> Use the State wage rate that are in effect 10days before Bid Opening.

- 0850 - Drawings

TECHNICAL SPECIFICATIONS

DIVISION 1 - GENERAL REQUIREMENTS

- 01005 - Administrative Provisions
- 01010 - Summary of Work
- 01020 - Intent of Documents
- 01027 - Applications for Payment
- 01028 - Change Order Procedures
- 01040 - Coordination
- 01045 - Cutting and Patching
- 01073 - Explanations Drawings and Specifications
- 01090 - Referenced Standards
- 01120 - Alteration Project Procedures
- 01126 - Contractor's Certification of Subcontractors
 - Subcontractor Certification Form

**Department of Family & Community Services/Department of Health
Sitka Pioneer Home Restroom Renovations
Project No.: ANC 24-12C**

01200 - Project Meetings
01230 - Alternates
01300 – Submittals
013545 – Airborne Contaminant Control
01400 - Quality Control
01500 - Construction Facilities and Temporary Controls
01540 - Security
01600 - Material and Equipment
01700 - Contract Closeout

End of Table of Contents



STATE OF ALASKA
DEPARTMENT OF FAMILY & COMMUNITY SERVICES

INVITATION TO BID
for Construction Contract

Date April 3, 2024

DFCS / SITKA PIONEER HOME RESTROOM Renovations No.: ANC 24-12C

Project Name and Number

Location of Project: Sitka, Alaska
Contracting Officer: Michael Fleming, Facilities Manager 2
Issuing Office: Dept. of Family & Community Services, Facilities Management Services
State Funded [] Federal Aid []

Description of Work: - Contractor to submit a bid to provide all labor, supervision, permits, equipment, and materials to renovate two patient Restrooms, located within the Sitka Pioneer Home in Sitka Alaska. This scope of work for this tenant improvement includes hazardous materials removal, patching and painting walls, removing nonstructural partitions, installing re-purposed and new restroom fixtures, tubs, and sinks, and replacing existing fluorescent lighting tubes with LED tubes.

The Engineer's Estimate is between:
\$200,000 and \$450,000

All work shall be completed in 180_Calendar Days, or by Interim Completion dates, if applicable, will be shown in the Special Provisions.

Bidders are invited to submit sealed bids, in single copy, for furnishing all labor, equipment, and materials and for performing all work for the project described above. Bids will be opened publicly at 2:00 pm local time, at 3601 C Street, Suite 290 Anchorage, Alaska 99503 on the 30th of April 2024.

SUBMISSION OF BIDS

ALL BIDS INCLUDING ANY AMENDMENTS OR WITHDRAWALS MUST BE RECEIVED PRIOR TO BID OPENING. BIDS SHALL BE SUBMITTED ON THE FORMS FURNISHED AND MUST BE IN A SEALED ENVELOPE MARKED AS FOLLOWS:

Bid for Project: ANC 24-12C Sitka Pioneer Home Restroom Renovation	ATTN: Michael Fleming State of Alaska Department of Family & Community Services Facilities Office 3601 C Street Suite 290 Anchorage, AK 99503
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Bids, amendments, or withdrawals transmitted by mail must be received at the above specified address no later than **30 minutes** prior to the scheduled time of bid opening. Hand-delivered bids, amendments or withdrawals must be received at **3601 C Street – Suite 290 Anchorage, Alaska 99503** prior to the scheduled time of bid opening. Faxed bid amendments must be addressed to **Michael Fleming**. Fax number: (907) 334-2689.

A bid guaranty is required with each bid in the amount of 5% of the amount bid. (Alternate bid items as well as supplemental bid items appearing on the bid schedule shall be included as part of the total amount bid when determining the amount of bid guaranty required for the project.)

The Department hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this Invitation, Disadvantaged Business Enterprises (DBEs) will be afforded full opportunity to submit bids and will not be discriminated against on the grounds of race, color, national origin, or sex in consideration for an award.

NOTICE TO BIDDERS

Bidders are hereby notified that data to assist in preparing bids is available as follows:

Plans and Specifications may be printed by the Bidder from:

- the State of Alaska website under Public Notices On-line

OR

- the Bidder may forward the project website location/address information to the print shop of their choice for printing – all associated printing costs are payable by the Bidder.

All questions relating to technical aspects of the project should be directed to the following. Bidders requesting assistance in viewing the project must make arrangements at least 48 hours in advance with:

Project Manager: Michael Fleming, DFCS Project Manager

Fax: (907) 334-2689 Phone: (907) 907 269-7820 Email: michael.fleming@alaska.gov

All questions concerning bidding procedures should be directed to:

ATTN: Michael Fleming

State of Alaska

Department of Family & Community Services

Facilities Office

3601 C Street, Suite 290 Anchorage, AK 99503

907 269-7820

Other Information:

Alaska Veterans Preference

To qualify for the Veterans Preference (per AS 36.30.175), the bidder must:

1. Qualify for the Alaska Bidder's Preference
2. Add value by performing the services or have prior experience in selling the supplies.
3. Qualify as an Alaska Veteran & Complete/sign Alaska Veterans Affidavit (06D-17, dated 4/12)
4. The value of the preference cannot exceed \$5,000.

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
INFORMATION TO BIDDERS

This Information to Bidders outlines requirements that a bidder must follow when submitting a bid. The Department will reject a noncompliant bid.

100.01 BIDDERS QUALIFICATIONS

A bidder shall:

Submit evidence of a valid Department of Commerce, Community, and Economic Development certificate of Contractor Registration (Contractor Registration), under AS 08.18, and submit evidence of a valid Alaska Business License prior to award; and

When requested, submit a completed Contractor's Questionnaire (Form 25D-8) stating previous experience in performing comparable work, business and technical organization, financial resources, and equipment available to be used in performing the work.

Before a bid is considered for award, the bidder may be requested by the Department to submit a statement of facts, in detail, as to his previous experience in performing comparable work, his business and technical organization, financial resources, and plant available to be used in performing the contemplated work.

100.02 CONTENTS OF BID PACKAGE

Upon request, the Department will furnish prospective bidders with a bid package, at the price stated in the Invitation To Bid.

The bid package includes the following:

- 1) Location and description of the project;
- 2) Time in which the work must be completed;
- 3) Amount of the bid guaranty;
- 4) Date, time, and place when bids are due;
- 5) Plans and specifications; and
- 6) Bid forms.

Unless otherwise stated in the bid package, the Plans, Contract Provisions and Specifications, Standard Modifications, Special Provisions, permits, forms and any other documents designated in the bid package are considered a part of the bid whether attached or not.

100.03 EXAMINATION OF CONTRACT REQUIREMENTS

Bidders are responsible for carefully examining the plans, specifications and all other documents incorporated in the contract to determine the requirements thereof before preparing bids.

Any explanation desired by bidders regarding the meaning or interpretation of drawings and specifications must be requested in writing and with sufficient time allowed for a reply to reach them before the submission of their bids. Oral explanations or instructions given before the award of the contract will not be binding. Any interpretation made will be in the form of an addendum to the specifications or drawings and will be furnished to all bidders and its receipt by the bidder shall be acknowledged.

100.04 CONDITIONS AT SITE OF WORK

Bidders are responsible for visiting the site to ascertain pertinent local conditions such as the location, accessibility and character of the site, labor conditions, the character and extent of the existing work within or adjacent thereto, and any other work being performed thereon.

100.05 PREPARATION OF BIDS

A. A bidder shall prepare its bid using the Department provided bid forms or legible copies of the Department's forms.

The bid must be signed in ink by the person or persons authorized to sign the Contract for the bidder. If a bidder is a corporation, the bid must be signed by a corporate officer or agent with authority to bind the corporation. If a bidder is a partnership, a partner must sign. If the bidder is a joint venture, each principal member must sign. If a bidder is a sole proprietorship, the owner must sign. Each person signing the bid must initial any changes made to entries on the bid forms.

B. The bid schedule contains empty space(s) that call for the bidder to enter its proposed price for each corresponding item which may include unit price or lump sum items and alternative, optional or supplemental price schedules or a combination thereof which will result in a total bid amount for the proposed construction.

C. The bidder shall specify the price or prices bid in figures. On unit price contracts the bidder shall also show the products of the respective unit prices and quantities written in figures in the column provided for the purpose and the total amount of the proposal obtained by adding the amounts of the several items. All the figures shall be in ink or typed.

D. Neither conditional nor alternative bids will be considered unless called for.

100.06 BID SECURITY

All bids shall be accompanied by a bid security in the amount specified on the Invitation to Bid. The bid security shall be unconditionally payable to the State of Alaska and shall be in the form of an acceptable Bid Bond (Form 25D-14), or a certified check, a cashier's check or a money order made payable to the State of Alaska.

The surety of a Bid Bond may be any corporation or partnership authorized to do business in Alaska as an insurer under AS 21.09. A legible power of attorney shall be included with each Bid Bond (Form 25D-14).

A Bid Bond must be accompanied by a legible Power of Attorney.

An individual surety will not be accepted as a bid security.

100.07 ADDENDA REQUIREMENTS

The Department will issue addenda if it determines, in its discretion, that clarifications or changes to the Contract documents or bid due date are needed. The Department may send addenda by any reasonable method such as fax, email, or may post the addenda on its website or online bidding service. Unless picked up in person or included with the bid documents, addenda or notice that an addendum has been issued will be addressed to the individual or company to whom bidding documents were issued and sent to the email address or fax number on the plan holders' list. Notwithstanding the Department's efforts to distribute addenda, bidders are responsible for ensuring that they have received all addenda affecting the Invitation To Bid. Bidders must acknowledge all addenda on the Bid Forms, by fax, or by email before the deadline stated in the Invitation to Bid.

100.08 DELIVERY OF BIDS

Bids shall be submitted in a sealed envelope. When bids are submitted in a sealed envelope, the envelope shall clearly indicate its contents and the address of the Department's designated contracts office, as specified on the Invitation to Bid. Bids for other work may not be included in the envelope. Emailed or faxed bids will not be considered, unless specifically called for in the Invitation to Bid.

100.09 WITHDRAWAL OR REVISION OF BIDS

Bids may be withdrawn or revised in writing delivered by mail, fax, or email, provided that the Department's designated office receives the withdrawal or revision before the deadline stated in the Invitation To Bid. Withdrawal requests must be signed and submitted by the bidder's duly appointed representative who is legally authorized to bind the bidder. Revisions shall include both the modification of the unit bid price and the total modification of each item modified but shall not reveal the amount of the total original or revised bids.

100.10 PROTEST OF INVITATION TO BID

An interested party, as defined in AS 36.30.699, may protest an Invitation to Bid before the bid opening in accordance with AS 36.30.560 and AS 36.30.565. The interested party must submit a protest to the Contracting Officer.

100.011 RECEIPT AND OPENING OF BIDS

The Department will only consider bids, revisions, and withdrawals received before the deadline stated in the Invitation to Bid.

The Department will assemble, open, and publicly announce bids at the time and place indicated in the Invitation to Bid, or as soon thereafter as practicable. The Department is not responsible for prematurely opening or for failing to open bids that are improperly addressed or identified.

100.012 NONRESPONSIVE BIDS

1. A bid shall be rejected as nonresponsive if it:
 - a. Is not properly signed by an authorized representative of the bidder and in a legally binding manner;
 - b. Contains unauthorized additions, conditional or alternative bids, or other irregularities that make the bid incomplete, indefinite, or ambiguous;
 - c. Includes a reservation of the right to accept or reject any award, or to enter into a contract pursuant to an award,
 - d. Fails to include an acceptable bid guaranty with the bid;
 - e. Is materially unbalanced; or
 - f. Fails to meet any other material requirement of the Invitation To Bid.
2. A bid may be rejected as nonresponsive, in the Department's discretion, if it:
 - a. Is not typed or completed in ink;
 - b. Fails to include an acknowledgement of receipt of each addendum by assigned number and date of issue; or
 - c. Is missing a bid price for any pay item, except when alternate pay items are authorized.

100.013 BIDDERS INTERESTED IN MORE THAN ONE BID

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.

100.014 ELECTRONIC MAIL

Within its submitted bid, a bidder must include a current electronic mail (email) address of bidder's representative who possesses authority to receive, process, and respond to Department emails regarding the advertised project.

The Department may send notices and information to a bidder by using the furnished email address of the bidder's authorized representative.

A bidder shall notify the Department if the bidder requests the Department to send email notices or information to an address different from the email address initially provided in its bid forms. The bidder shall notify the Department of such change by sending a request in writing to the Contract's point of contact identified on the Invitation to Bid that is signed by a representative who is authorized and empowered to legally bind the bidder.

Delivery of an email sent by the Department is complete upon receipt in the addressee's email account. An email sent after 4:30 pm shall be deemed to have occurred at the opening of business on the next working day.

If needed, the Department may demonstrate proof of email delivery by affidavit or certification that includes the following:

1. The date and time that the Department sent the email message;
2. The email address from which the Department sent the message;
3. The name and email address to which the Department sent the message;
4. A statement that the Department sent the email message and that the person signing the affidavit or certification believes the transmission to have been complete and without error; and
5. An attached copy of the subject email.

100.015 CONSIDERATION OF BIDS

Until the Award, the Department may reject any or all bids, waive minor informalities or advertise for new bids without liability to any bidder if the Department, in its discretion, determines that to do so is in the best interests of the State.

A bidder may request withdrawal of a bid after opening and before the Award only in accordance with AS 36.30.160(b) and State procurement regulations. The bidder must submit the request to the Contracting Officer.

An interested party, as defined in AS 36.30.699, may protest a proposed Award of contract as per AS 36.30.560 and AS 36.30.565. The bidder must submit the protest to the Contracting Officer.

WHOLLY STATE-FUNDED PROJECTS. On wholly state-funded projects, determination of the low bidder will include bidder preferences as required under AS 36.30.321, according to subsections 1-3 below. Alaska Bidder Preference, Alaska Veteran Preference, and Alaska Product Preference are not applicable on projects with federal funding.

1. Alaska Bidder Preference: A bidder claiming this preference shall provide with their bid an Alaska Bidder Preference Certification, certifying they qualify as an Alaska bidder eligible for Alaska Bidder Preference according to AS 36.30.

If the bidder qualifies as an Alaska bidder, a five percent (5%) preference will be applied to the price of the bid. "Alaska bidder" means a person who:

- a. holds a current Alaska business license;
- b. submits a bid for goods, services, or construction under the name as appearing on the person's current Alaska business license;

- c. has maintained a place of business within the state staffed by the bidder or an employee of the bidder for a period of six months immediately preceding the date of the bid;
 - d. is incorporated or qualified to do business under the laws of the state, is a sole proprietorship and the proprietor is a resident of the state, is a limited liability company organized under AS 10.50 and all members are residents of the state, or is a partnership under former AS 32.05, AS 32.06, or AS 32.11 and all partners are residents of the state; and
 - e. If a joint venture, is composed entirely of ventures that qualify under (a) through (d), above.
2. Alaska Veteran Preference: A bidder claiming this preference shall provide an Alaska Veteran Preference Certification, certifying they qualify as an Alaska bidder eligible for Alaska Veteran preference according to AS 36.30.

If a bidder qualifies as an Alaska bidder and is a qualifying entity, an Alaska Veteran Preference of 5 percent shall be applied to the bid price. The preference may not exceed \$5,000 (AS 36.30.321). A “qualifying entity” means a:

- a. sole proprietorship owned by an Alaska veteran;
- b. partnership under AS 32.06 or AS 32.11 if a majority of the partners are Alaska veterans;
- c. limited liability company organized under AS 10.50 if a majority of the members are Alaska veterans; or
- d. corporation that is wholly owned by individuals, and a majority of the individuals are Alaska veterans.

A preference under this section is in addition to any other preference for which the bidder qualifies.

To qualify for this preference, the bidder must add value by the bidder itself actually performing, controlling, managing and supervising a significant part of the services provided or the bidder must have sold supplies of the general nature solicited to other state agencies, governments, or the general public.

An Alaska veteran is a resident of Alaska who:

- 1) served in the Armed forces of the United States, including a reserve unit of the United States armed forces; or the Alaska Territorial Guard, the Alaska Army National Guard, the Alaska Air National Guard, or the Alaska Naval Militia; and
 - 2) was separated from service under a condition that was not dishonorable.
3. Alaska Product Preference: A bidder claiming this preference shall complete and sign the Alaska Product Preference Worksheet, according to the worksheet instructions, and submit the completed worksheet with their bid.

Except for timber, lumber and manufactured lumber products used in the construction project under AS 36.30.322(b), an Alaska products preference will be given as required under AS 36.30.326 - 36.30.332 when the bidder designates the use of Alaska products.

If the successful bidder/contractor proposes to use an Alaska product and does not do so, a penalty will be assessed against the successful bidder/contractor according to AS 36.30.330(a).

Each Alaska product declared on the Alaska Product Preference Worksheet must have an "Approval" date on the Alaska Product Preference Program List, that is on or before the bid opening date for this contract, and that does not expire before the bid opening date for this contract.

100.016 RESPONSIBILITY OF BIDDERS

The Department may find a bidder is nonresponsible for any one of the following reasons, but is not limited in its responsibility analysis to the following factors:

1. Evidence of bid rigging or collusion;
2. Fraud or dishonesty in the performance of previous contracts;
3. More than one bid for the same work from an individual, firm, or corporation under the same or different name;
4. Unsatisfactory performance on previous or current contracts;
5. Failure to pay, or satisfactorily settle, all bills due for labor and material on previous contracts;
6. Uncompleted work that, in the judgment of the Department, might hinder or prevent the bidder's prompt completion of additional work, if awarded;
7. Failure to reimburse the State for monies owed on any previous contracts;
8. Default under previous contracts;
9. Failure to submit evidence of registration and licensing;
10. Failure to comply with any qualification requirements of the Department;
11. Engaging in any activity that constitutes a cause for debarment or suspension under the State Procurement Code (AS 36.30) or submitting a bid during a period of debarment;
12. Failure to satisfy the responsibility standards set out in state regulations;
13. Lack of skill, ability, financial resources, or equipment required to perform the contract;
or
14. Lack of legal capacity to contract.

Nothing contained in this section deprives the Department of its discretion in determining the lowest responsible bidder.

100.017 SUBCONTRACTOR LIST

The apparent low bidder shall submit a completed Subcontractor List, Form 25D-5, within five working days following receipt of written notification by the Department that it is the low bidder.

An apparent low bidder who fails to submit a completed Subcontractor List form within the time allowed will be declared nonresponsible and may be required to forfeit the bid security. The Department will then consider the next lowest bidder for award of the Contract.

If a bidder fails to list a subcontractor, or lists more than one subcontractor for the same portion of work, and the value of that work is in excess of one-half of one percent of the total bid amount, the bidder agrees to perform that portion of work without a subcontractor and represents that it is qualified to perform that work.

A bidder who lists as a subcontractor another contractor who, in turn, sublets the majority of the work required under the Contract, violates this subsection.

A bidder or Contractor may, without penalty, replace a listed subcontractor who:

- 1) Fails to comply with licensing and registration requirements of AS 08.18;
- 2) Fails to obtain a valid Alaska business license;
- 3) Files for bankruptcy or becomes insolvent;
- 4) Fails to execute a subcontract for performance of the work for which the subcontractor was listed, and the bidder acted in good faith;
- 5) Fails to obtain bonding acceptable to the Department;
- 6) Fails to obtain insurance acceptable to the Department;
- 7) Fails to perform the subcontract work for which the subcontractor was listed;
- 8) Must be replaced to meet the bidder's required state or federal affirmative action requirements;
- 9) Refuses to agree or abide with the bidder's labor agreement; or
- 10) Is determined by the Department to be not responsible.

In addition to the circumstances described above, a Contractor may in writing request permission from the Department to add a new subcontractor or replace a listed subcontractor. The Department will approve the request if it determines in writing that allowing the addition or replacement is in the best interest of the State.

A bidder or Contractor shall submit a written request to add a new subcontractor or replace a listed subcontractor to the Contracting Officer a minimum of five working days before the date the new subcontractor is scheduled to begin work on the construction site. The request must state the basis for the request and include supporting documentation acceptable to the Contracting Officer.

If a bidder violates this subsection, the Contracting Officer may:

- 1) Cancel the Contract after Award without any damages accruing to the Department; or
- 2) After notice and a hearing, assess a penalty on the bidder in an amount not exceeding 10 percent of the value of the subcontract at issue.

100.018 AWARD OF CONTRACT

The Department will award the Contract to the lowest responsible and responsive bidder unless it rejects all bids. The Department will notify all bidders in writing via email, fax, or U.S. Mail of its intent to award.

In order to establish a clear and definitive basis of award for contracts with additive alternates, the State has established a budgeted amount from which the order of bidders will be determined. The amount will be disclosed when timely received bids are announced. The low bid will be determined by considering the basic bid and additive alternate(s) in the order listed on the Bid Schedule up to a total not to exceed the budgeted amount. The State reserves the right to reject all bids. The State also reserves the right to award the contract above or below the budgeted amount to the low bidder based on any combination of alternate(s) or no alternate(s), providing that the low bidder remains unchanged.

The Department will notify the successful bidder in writing of its intent to award the Contract and request that certain required documents, including the Contract Form, bonds, and insurance be submitted within the time specified. The successful bidder's refusal to sign the Contract and provide the requested documents within the time specified may result in cancellation of the notice of intent to award and forfeiture of the bid security.

If an award is made, it will be made as soon as practicable and usually within 40 days after bid opening. Award may be delayed due to bid irregularities or a bid protest, or if the award date is extended by mutual consent. Bids shall be valid for 120 days after bid opening, and may be extended by mutual consent.

100.019 RETURN OF BID SECURITY

The Department will return bid securities, other than bid bonds:

1. To all except the two lowest responsive and responsible bidders, as soon as practicable after the opening of bids; and
2. To the two lowest responsive and responsible bidders immediately after Contract award.

100.020 PERFORMANCE AND PAYMENT BONDS

The successful bidder shall furnish all required Performance and Payment Bonds on forms provided by the Department for the sums specified in the Contract. If no sum is specified, the successful bidder shall comply with AS 36.25.010. The Surety on each bond may be any corporation or partnership authorized to do business in the state as an insurer under AS 21.09 or two individual sureties approved by the Contracting Officer.

If individual sureties are used, two individual sureties must each provide the Department with security assets located in Alaska equal to the penal amount of either the performance bond or the payment bond. Any costs incurred by the Contractor and the individual Surety are subsidiary and shall be borne by the Contractor or the individual Surety. In no event will the Department be liable for these costs.

Individual sureties shall provide security by one, or a combination, of the following methods:

1. Escrow Account, with a federally insured financial institution, in the name of the Department. Acceptable securities include, but are not limited to, cash, treasury notes, bearer instruments having a specific value, or money market certificates.
2. Irrevocable letters of credit, from a financial institution approved by the Contracting Officer, with the Department named as beneficiary.
3. Cashier's or certified check made payable to the State of Alaska issued by financial institutions approved by the Contracting Officer.

These bonds and security assets, as applicable, shall remain in effect for 12 months after the date of final payment or, if longer, until all obligations and liens under this Contract are satisfied, including, but not limited to, obligations under General Conditions, Subsection 12.7.

The Department may, in its discretion, notify the bonding company or Surety of any potential default or liability.

The Contractor shall substitute, within five working days, another bond or surety acceptable to the Department if an individual Surety or the Surety on any bond furnished in connection with the Contract:

1. Becomes insolvent or is declared bankrupt;
2. Loses its right to do business in any state affecting the work;
3. Ceases to meet Contract requirements;
4. Fails to furnish reports of financial condition upon request; or
5. Otherwise becomes unacceptable to the Department.

When approved by the Contracting Officer, the Contractor may replace:

1. An individual surety with a corporate surety; or
2. Posted collateral with substitute collateral.

Failure to maintain the specified bonds or to provide substitute bonds when required under this section may be grounds for withholding contract payments until substitute bonding is obtained, and may, in the Department's discretion, be grounds for declaring the Contractor in default.



STATE OF ALASKA
DEPARTMENT OF FAMILY & COMMUNITY SERVICES

REQUIRED DOCUMENTS
State Funded Contracts

Sitka Pioneer Home Restroom Renovations, ANC 24-12C

REQUIRED FOR BID. Bids will not be considered if the following documents are not filled out and submitted at the time of bidding:

1. **Bid Form (Form 25D-9S)**
2. **Bid Schedule**
3. **Bid Security (Form 25D-14)**

REQUIRED FOR BID MODIFICATIONS. Any bid revisions must be submitted by the bidder prior to bid opening on the following form:

4. **Bid Modification (Form 25D-16)**

REQUIRED FOR CLAIMED PROCUREMENT PREFERENCE. The Department will not consider a claimed procurement preference unless a bidder submits the appropriate, signed certification(s) for the claimed preference at the time of bidding:

5. **Alaska Bidder Preference Certification (Form 25D-19)**
6. **Alaska Veteran Preference Certification (Form 25D-17)**
7. **Alaska Products Preference Certification (Form 25D-20)**

REQUIRED AFTER NOTICE OF APPARENT LOW BIDDER. The apparent low bidder is required to complete and submit the following document within 5 working days after receipt of written notification:

1. **Subcontractor List (Form 25D-5)**

REQUIRED FOR AWARD. In order to be awarded the contract, the successful bidder must completely fill out and submit the following documents within the time specified in the intent to award letter:

1. **Construction Contract (Form 25D-10A) or (Form 25D-10H), as applicable.**
2. **Payment Bond (Form 25D-12)**
3. **Performance Bond (Form 25D-13)**
4. **Contractor's Questionnaire (Form 25D-8)**
5. **Contractor's Certification of Subcontractors**
6. **Certificate of Insurance (from carrier)**
7. **Dept. of Labor – Notice of Work Form**



STATE OF ALASKA
DEPARTMENT OF FAMILY & COMMUNITY SERVICES

Proposal

for
Sitka Pioneer Home Restroom Renovations # ANC 24-12C

Project Name and Number

By

Company Name

Company Address (Street or PO Box, City, State, Zip)

**To the CONTRACTING OFFICER,
DEPARTMENT OF FAMILY & COMMUNITY SERVICES**

In compliance with your Invitation for Bids dated _____, the Undersigned proposes to furnish and deliver all the materials and do all the work and labor required in the construction of the above-referenced Project, located at or near **Sitka, Alaska**, according to the plans and specifications and for the amount and prices named herein as indicated on the Bid Schedule consisting of _____ sheet(s), which is made a part of this Bid.

The Undersigned declares that he has carefully examined the contract requirements and that he has made a personal examination of the site of the work; that he understands that the quantities, where such are specified in the Bid Schedule or on the plans for this project, are approximate only and subject to increase or decrease, and that he is willing to perform increased or decreased quantities of work at unit prices bid under the conditions set forth in the Contract Documents.

The Undersigned hereby agrees to execute the said contract and bonds within fifteen calendar days, or such further time as may be allowed in writing by the Contracting Officer, after receiving notification of the acceptance of this bid, and it is hereby mutually understood and agreed that in case the Undersigned does not, the accompanying bid guarantee shall be forfeited to the State of Alaska, Department of Health & Social Services as liquidated damages, and the said Contracting Officer may proceed to award the contract to others.

The Undersigned agrees to commence the work within 10 calendar days and to complete the work by **180** calendar days, after the effective date of the Notice to Proceed or by _____, unless extended in writing by the Contracting Officer.

The Undersigned proposes to furnish Payment Bond in the amount of **100%** and Performance Bond in the amount of **100%** (of the contract), as surety conditioned for the full, complete, and faithful performance of this contract.

The Undersigned acknowledges receipt of the following addenda to the drawings and/or specifications.
(Give number and date of each).

Addenda Number	Date Issued	Addenda Number	Date Issued	Addenda Number	Date Issued

NON-COLLUSION AFFIDAVIT

The Undersigned declares, under penalty of perjury under the laws of the United States, that neither he, nor the firm, association, or corporation of which he is a member, has, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this bid.

The Undersigned has read the foregoing proposal and hereby agrees to the conditions stated therein by affixing his signature below:

Signature of Authorized Company Representative

Typed or Printed Name and Title

Phone Number

Fax Number

Email Address



ALASKA BIDDER PREFERENCE CERTIFICATION

In response to the advertised procurement for:

Project Name and Number: Sitka Pioneer Home Bathroom Renovation ANC 24-12C

Bidder/Proposer (company name): _____

Operation of Alaska Bidder Preference

Procurement preferences under the Alaska Procurement Code are benefits that the State grants only to qualified bidders. Under AS 36.30.990(2), if a bidder is an eligible “Alaska Bidder”, the Department will apply a five percent preference to the price of the bidder’s proposal.

Instructions regarding Alaska Bidder Preference

A bidder that claims the Alaska Bidder Preference must review and then certify that each statement appearing under the heading “Alaska Bidder Certification” is true. The individual that signs the certification shall include his/her printed name and position within bidder’s organization, *e.g.*, sole proprietor, partner, etc. If a bidder fails to submit a signed certification, the Department will not apply the claimed preference.

Alaska Bidder Certification

The bidding entity for which I am the duly authorized representative:

- (A) Holds a current Alaska business license.
- (B) Is submitting a bid or proposal for goods, services, or construction under the name appearing on the bidder’s current Alaska business license.
- (C) Has maintained a place of business in the State staffed by the bidder or an employee of the bidder for a period of six months immediately preceding the date of the proposal.
- (D) Is incorporated or qualified to do business under the laws of the State, is a sole proprietorship and the proprietor is a resident of the State, is a limited liability company organized under AS 10.50 and all members are residents of the State, or is a partnership under former AS 32.05, AS 32.06, or AS 32.11 and all partners are residents of the State; and
- (E) If a joint venture, is composed entirely of ventures that qualify under the four preceding paragraphs of this Alaska Bidder Certification.

By applying my signature below, I certify under penalty of perjury that I am the duly appointed representative of this bidder, which has authorized and empowered me to legally bind it concerning its proposal, and that the foregoing statements are true and correct.

By (signature)

Date

Printed name

Alaska Business License Number

Title:



ALASKA VETERAN'S PREFERENCE AFFIDAVIT

In response to the Invitation to Bid for: Sitka Pioneer Home Restroom Renovations
Project Name and Number: **SPH Restroom Renovations, Project # ANC 24-12C**

I certify under penalty of perjury that _____
(Name) qualifies for the Alaska Veteran's Preference under the following conditions:

- (a) If a bidder qualifies under AS 36.30.170(b) as an Alaska bidder and is a qualifying entity, a five percent bid preference shall be applied to the bid price (preference may not exceed \$5,000). In this subsection, "qualifying entity" means a:
- (1) Sole proprietorship owned by an Alaska Veteran.
 - (2) Partnership under AS 32.06 or AS 32.11 if a majority of the members are Alaska Veteran's.
 - (3) Limited Liability Company organized under AS 10.50 if a majority of the individuals are Alaska Veterans.
- (b) To qualify for a preference under this section, a bidder must add value by the bidder itself actually performing, controlling, managing and supervising a significant part of the services provided, or the bidder must have sold supplies of the general nature solicited to other state agencies, governments, or the general public.
- (c) In this section, "Alaska Veteran" means an individual who is a:
- (1) Resident of this state; and
 - (2) Veteran; means an individual who:
 - (A) Served in the:
 - (i) Armed Forces of the United States, including a reserve unit of the United States armed forces; or
 - (ii) Alaska Territorial Guard, the Alaska Army National Guard, the Alaska Air National Guard, or the Alaska Naval Militia; and
 - (B) Was separated from the service under a condition that was not dishonorable.

Authorized Signature

Printed Name

Date

INSTRUCTIONS FOR ALASKA PRODUCTS PREFERENCE WORKSHEET

Special Note:

All procurements, except those funded from Federal sources, shall contain Contract provisions for the preference of Alaska products. The products listed by the Bidder on this worksheet have been selected for the referenced project from the "Alaska Product Preference List" which was in force 30 days prior to the advertisement date of this contract.

Bidders may obtain a copy of the appropriate listing "Alaska Preference List" by contacting their local DCED office or by writing: Dept. of Commerce & Economic Development, Alaska Products Preference Listing, P.O. Box D, Juneau, AK 99811.

BIDDERS INSTRUCTIONS:

A. General. The Contracting Agency may request documentation to support entries made on this form. False presentations may be subject to AS 36.30.687. All Bidder's entries must conform to the requirements covering bid preparations in general. Discrepancies in price extensions shall be resolved by multiplying the declared total value times the preference percentage and adjusting any resulting computation accordingly.

B. Form Completion - BASIC BIDS.

(1) Enter project number and name, the words "Basic Bid" and the CONTRACTOR'S name in the heading of each page as provided.

(2) The Bidder shall compare those candidate products appearing on the preference listing (see Special Notice comments above) against the requirements of the technical specifications appearing in the contract documents. If the Bidder determines that a candidate product can suitably meet the contract requirements, then that product may be included in the worksheet as follows.

(3) For each suitable product submitted under the "Basic Bid" enter:

- ! the product name, generic description and its corresponding technical specification section number under the heading "PRODUCT";
- ! the company name of the Alaska producer under the heading "MANUFACTURER", and,
- ! the product class (I, II, or III) and preference percentage (3, 5, or 7%, respectively) under the "CLASS/%" heading.

(4) For each product appearing on the list and to be utilized by the CONTRACTOR enter:

- ! under the heading "TOTAL DECLARED VALUE" the manufacturer's quoted price of the product, (caution: this value is to be the manufacturer's quoted price at the place of origin and shall not include costs for freight, handling or miscellaneous charges of incorporating the product into the Work), and
- ! the resulting preference--ie.: the preference percentage times the total declared value amount -- under the heading "REDUCTION AMOUNT".

(5) Continue for all "suitable" basic bid products. If the listing exceeds one page enter the words "Page # SUB" in front of the word "TOTAL" and on the first entry line of the following page enter "SUBTOTAL OF REDUCTION AMOUNT FROM PREVIOUS PAGE".

(6) On the final page of the listing enter "BASIC BID PREFERENCE GRAND" immediately before the word "TOTAL".

(7) Total the entries in the "REDUCTION AMOUNT" column for each page by commencing at the first entry for that page. If a continuation page exists, ensure that the subtotal from the previous page is computed into the running total. Number pages as appropriate.

(8) Compute a Grand Total for the Basic Bid Preference. Enter this amount on the final page of the worksheet and at line or column "C" on the Bid Schedule or Bid Schedule Summary Sheet as appropriate. Submit worksheet(s) with Bid Schedule Summary Sheet.

C. Forms Completion - ALTERNATE BIDS.

(1) Enter project number and name, the words "ALTERNATE BID # _____", and CONTRACTOR'S name in the heading of each page as provided.

(2) On the first entry line enter "ADDITIONAL ALASKA PRODUCTS FOR ALTERNATE BID # _____", and repeat procedures 2 through 5 under part B of these Bidder's instructions except that references to "Basic Bid" shall be replaced with the words "Alternate Bid # _____".

(3) Following the listing of all additional Alaska products enter the words "ADDITIONAL PRODUCTS PREFERENCE FOR ALTERNATE BID # _____--SUBTOTAL" and enter a subtotal amount for all additional products as listed. Subtotal amount to be determined by adding all additional product entries in the "REDUCTION AMOUNT" column.

(4) Skip three lines and enter "LESS THE FOLLOWING NON-APPLICABLE ALASKA PRODUCTS".

(5) Beginning on the next line enter the product name and manufacturer of each Alaska Product appearing on the "Basic Bid" listing which would be deleted or reduced from the Project should the "Alternate Bid" be selected. Details of entry need only be sufficient to clearly reference the subject product. (ie. "Prehung Doors by Alaska Door Co. in lieu of "Prehung Solid Core Wood Door, model "Super Door", Section 08210, by Alaska Door Co., Anchorage.) Products being reduced shall specify the amount of the reduction. Should no products require deletion enter "None". When a product is listed as a "NON-APPLICABLE ALASKA PRODUCT" for this alternate bid and if under the basic bid the Bidder received a preference on his basic bid as a result of that product, then the applicable entries under the headings "TOTAL DECLARED VALUE" and "REDUCTION AMOUNT" (for each product and from the basic bid listing) shall also be entered into the corresponding headings of this form. Where only a portion of the product has been deleted, the entry (which will differ from those on the basic bid listing) may be "pro-rated" or as otherwise substantiated.

(6) Following the listing of all non-applicable Alaska products enter the words "NON-APPLICABLE PRODUCTS PREFERENCE FORM BASIC BID --SUBTOTAL" and enter a subtotal amount for all non-applicable products as listed. Subtotal amount to be determined by adding all non-applicable entries in the "REDUCTION AMOUNT" column.

(7) At the bottom of the final page enter the words "ALTERNATE BID # _____ PREFERENCE GRAND" immediately before the word "TOTAL".

(8) Compute a Grand Total for the Alternate Bid Preference (for Alternate # _____) by subtracting the non-applicable product preference subtotal from the additional product preference subtotal. Enter on the final page as provided and at the corresponding line in column "C" on the Bid Schedule Summary Sheet. Submit worksheet(s) with the Bid Schedule Summary Sheet.

(9) A separate listing for each alternate bid is required.

BID SCHEDULE

Project: **Sitka Pioneer Home Restroom Renovations, ANC 24-12C**

Bidders Please Note: Before preparing this bid schedule, read carefully, "Information to Bidders", "Supplementary Information to Bidders", and the following:

The Bidder shall insert a fixed price in figures opposite each pay item that appears in the bid schedule to furnish all labor, material, equipment, supervision, and provide all work for each item listed. No price is to be entered or tendered for any item not appearing in the bid schedule. Conditioned or qualified bids will be considered non-responsive.

PAY ITEM	DESCRIPTION OF PAY ITEM	TOTAL BID PRICE, IN FIGURES
----------	-------------------------	-----------------------------

BASIC BID

All work described in the Specifications and Construction Documents for Project # **ANC 24-12C**

- a. Lump Sum Total Basic Bid \$ _____
- b. Alaska Bidder's Preference:
(5% of a.) \$ _____
- c. Alaska Veterans Preference:
(5% of a.) \$ _____
- d. Alaska Products Preference:
(Attach worksheet (s)) \$ _____
- e. Adjusted Basic Bid:
(a - b - c - d) \$ _____

Contractor's Name (Printed)

Alaska Contractor's Registration # Expires _____

Alaska Business License # Expires _____

Offeror is Claiming: Alaska Bidder Preference Alaska Products Pref. (worksheet)
 Alaska Veteran Preference



Procurement Officer: _____

Date of Receipt of Bid: _____



STATE OF ALASKA
DEPARTMENT OF FAMILY & COMMUNITY SERVICES

BID BOND

For

Sitka Pioneer Home Restroom Renovations, ANC 24-12C

Project Name and Number

DATE BOND EXECUTED: _____

PRINCIPAL (Legal name and business address):

TYPE OF ORGANIZATION:

	[] Individual	[] Partnership
	[] Joint Venture	[] Corporation
STATE OF INCORPORATION:		

SURETY(IES) (Name and business address):

A.	B.	C.

PENAL SUM OF BOND:	DATE OF BID:

We, the PRINCIPAL and SURETY above named, are held, and firmly bound to the State (State of Alaska), in the penal sum of the amount stated above, for the payment of which sum will be made, we bind ourselves and our legal representatives and successors, jointly and severally, by this instrument.

THE CONDITION OF THE FOREGOING OBLIGATION is that the Principal has submitted the accompanying bid in writing, date as shown above, on above-referenced Project in accordance with contract documents filed in the office of the Contracting Officer, and under the Invitation for Bids therefore, and is required to furnish a bond in the amount stated above.

If the Principal's bid is accepted and he is offered the proposed contract for award, and if the Principal fails to enter into the contract, then the obligation to the State created by this bond shall be in full force and effect.

If the Principal enters into the contract, then the foregoing obligation is null and void.

PRINCIPAL

Signature(s)	1.	2.	3.
Name(s) & Title(s) (Typed)	1.	2.	3.

Corporate Seal

See Instructions on Reverse

CORPORATE SURETY(IES)

Surety A	Name of Corporation	State of Incorporation	Liability Limit \$
Signature(s)	1.	2.	Corporate Seal
Name(s) & Titles (Typed)	1.	2.	

Surety B	Name of Corporation	State of Incorporation	Liability Limit \$
Signature(s)	1.	2.	Corporate Seal
Name(s) & Titles (Typed)	1.	2.	

Surety C	Name of Corporation	State of Incorporation	Liability Limit \$
Signature(s)	1.	2.	Corporate Seal
Name(s) & Titles (Typed)	1.	2.	

INSTRUCTIONS

1. This form shall be used whenever a bid bond is submitted.
2. Insert the full legal name and business address of the Principal in the space designated. If the Principal is a partnership or joint venture, the names of all principal parties must be included (e.g., "Smith Construction, Inc. and Jones Contracting, Inc. DBA Smith/Jones Builders, a joint venture"). If the Principal is a corporation, the name of the state in which incorporated shall be inserted in the space provided.
3. Insert the full legal name and business address of the Surety in the space designated. The Surety on the bond may be any corporation or partnership authorized to do business in Alaska as an insurer under AS 21.09. Individual sureties will not be accepted.
4. The penal amount of the bond may be shown either as an amount (in words and figures) or as a percent of the contract bid price (a not-to-exceed amount may be included).
5. The scheduled bid opening date shall be entered in the space marked Date of Bid.
6. The bond shall be executed by authorized representatives of the Principal and Surety. Corporations executing the bond shall also affix their corporate seal.
7. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.
8. The states of incorporation and the limits of liability of each surety shall be indicated in the spaces provided.
9. The date that bond is executed must not be later than the bid opening date.



CONSTRUCTION CONTRACT

Sitka Pioneer Home Restroom Renovations, ANC 24-12C
Project Name and Number

This CONTRACT, between the STATE OF ALASKA, DEPARTMENT OF FAMILY & COMMUNITY SERVICES, herein called the Department, acting by and through its Contracting Officer, and

Company Name

Company Address (Street or PO Box, City, State, Zip)

a/an Individual Partnership Joint Venture Sole Proprietorship Corporation incorporated under the laws of the State of _____, its successors and assigns, herein called the Contractor, is effective the date of the signature of the Contracting Officer on this document.

WITNESSETH: That the Contractor, for and in consideration of the payment or payments herein specified and agreed to by the Department, hereby covenants and agrees to furnish and deliver all the materials and to do and perform all the work and labor required in the construction of the above-referenced project at the prices bid by the Contractor for the respective estimated quantities aggregating approximately the sum of

_____ Dollars
(\$ _____), and such other items as are mentioned in the original Bid, which Bid and prices named, together with the Contract Documents are made a part of this Contract and accepted as such.

It is distinctly understood and agreed that no claim for additional work or materials, done or furnished by the Contractor and not specifically herein provided for, will be allowed by the Department, nor shall the Contractor do any work or furnish any material not covered by this Contract, unless such work is ordered in writing by the Department. In no event shall the Department be liable for any materials furnished or used, or for any work or labor done, unless the materials, work, or labor are required by the Contract or on written order furnished by the Department. Any such work or materials which may be done or furnished by the Contractor without written order first being given shall be at the Contractor's own risk, cost, and expense and the Contractor hereby covenants and agrees to make no claim for compensation for work or materials done or furnished without such written order.

The Contractor further covenants and agrees that all materials shall be furnished and delivered, and all labor shall be done and performed, in every respect, to the satisfaction of the Department, on or before: _____. It is expressly understood and agreed that in case of the failure on the part of the Contractor, for any reason, except with the written consent of the Department, to complete the furnishing and delivery of materials and the doing and performance of the work before the aforesaid date, the Department shall have the right to deduct from any money due or which may become due the Contractor, or if no money shall be due, the Department shall have the right to recover **Two Hundred-Fifty (\$250.00)** per day for each calendar day elapsing between the time stipulated for the completion and the actual date of completion in accordance with the terms hereof; such deduction to be made, or sum to be recovered, not as a penalty but as liquidated damages.

The bonds given by the Contractor in the sum of \$ _____ Payment Bond, and \$ _____ Performance Bond, to secure the proper compliance with the terms and provisions of this Contract, are submitted herewith and made a part hereof.

IN WITNESS WHEREOF, the parties hereto have executed this Contract and hereby agree to its terms and conditions.

CONTRACTOR

Company Name

Signature of Authorized Company Representative

Typed or Printed Name and Title

Date

(Corporate Seal)

**STATE OF ALASKA
DEPARTMENT OF FAMILY & COMMUNITY SERVICES**

Signature of Contracting Officer

Typed or Printed Name

Date



STATE OF ALASKA
DEPARTMENT OF FAMILY & COMMUNITY SERVICES

PERFORMANCE BOND

Bond No. _____

For

Sitka Pioneer Home Restroom Renovations, ANC 24-12C
Project Name and Number

KNOW ALL WHO SHALL SEE THESE PRESENTS:

That _____
of _____ as Principal,
and _____
of _____ as Surety,
firmly bound and held unto the State of Alaska in the penal sum of _____ Dollars

(\$ _____) good and lawful money of the United States of America for the payment whereof, well and truly to be paid to the State of Alaska, we bind ourselves, our heirs, successors, executors, administrators, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the said Principal has entered into a written contract with said State of Alaska, on the _____ of _____ A.D., 20____, for construction of the above-named project, said work to be done according to the terms of said contract.

Now, THEREFORE, the conditions of the foregoing obligation are such that if the said Principal shall well and truly perform and complete all obligations and work under said contract and if the Principal shall reimburse upon demand of the Department of Transportation and Public Facilities any sums paid him which exceed the final payment determined to be due upon completion of the project, then these presents shall become null and void; otherwise they shall remain in full force and effect.

IN WITNESS WHEREOF, we have hereunto set our hands and seals at _____, _____ this _____ day of _____ A.D., 20____.

Principal: _____
Address: _____
By: _____
Contact Name: _____
Phone: () _____

Surety: _____
Address: _____
By: _____
Contact Name: _____
Phone: () _____

The offered bond has been checked for adequacy under the applicable statutes and regulations:

See Instructions on Reverse

INSTRUCTIONS

1. This form shall be used whenever a performance bond is required. There shall be no deviation from this form without approval from the Contracting Officer.
2. The full legal name, business address, phone number, and point of contact of the Principal and Surety shall be typed on the face of the form. Where more than a single surety is involved, a separate form shall be executed for each surety.
3. The penal amount of the bond, or in the case of more than one surety the amount of obligation, shall be typed in words and in figures.
4. Where individual sureties are involved, a completed Affidavit of Individual Surety shall accompany the bond. Such forms are available upon request from the Contracting Officer.
5. The bond shall be signed by authorized persons. Where such person is signing in a representative capacity (e.g., an attorney-in-fact), but is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved, evidence of authority must be furnished.

STATE OF ALASKA
DEPARTMENT OF FAMILY & COMMUNITY SERVICES

PAYMENT BOND

Bond No. _____

For

Sitka Pioneer Home Restroom Renovations, ANC 24-12C

Project Name and Number

KNOW ALL WHO SHALL SEE THESE PRESENTS:

That _____
of _____ as Principal,
and _____
of _____ as Surety,
firmly bound and held unto the State of Alaska in the penal sum of _____ Dollars

(\$ _____) good and lawful money of the United States of America for the payment whereof, well and truly to be paid to the State of Alaska, we bind ourselves, our heirs, successors, executors, administrators, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the said Principal has entered into a written contract with said State of Alaska, on the _____ of _____ A.D., 20____, for construction of the above-referenced project, said work to be done according to the terms of said contract.

Now, THEREFORE, the conditions of the foregoing obligation are such that if the said Principal shall comply with all requirements of law and pay, as they become due, all just claims for labor performed and materials and supplies furnished upon or for the work under said contract, whether said labor be performed and said materials and supplies be furnished under the original contract, any subcontract, or any and all duly authorized modifications thereto, then these presents shall become null and void; otherwise they shall remain in full force and effect.

IN WITNESS WHEREOF, we have hereunto set our hands and seals at _____, _____ this _____ day of _____ A.D., 20____.

Principal: _____
Address: _____
By: _____
Contact Name: _____
Phone: () _____

Surety: _____
Address: _____
By: _____
Contact Name: _____
Phone: () _____

The offered bond has been checked for adequacy under the applicable statutes and regulations:

Alaska Department of Family & Community Authorized Representative

Date

See Instructions on Reverse

INSTRUCTIONS

1. This form, for the protection of persons supplying labor and material, shall be used whenever a payment bond is required. There shall be no deviation from this form without approval from the Contracting Officer.
2. The full legal name, business address, phone number, and point of contact of the Principal and Surety shall be typed on the face of the form. Where more than a single surety is involved, a separate form shall be executed for each surety.
3. The penal amount of the bond, or in the case of more than one surety the amount of obligation, shall be typed in words and in figures.
4. Where individual sureties are involved, a completed Affidavit of Individual Surety shall accompany the bond. Such forms are available upon request from the Contracting Officer.
5. The bond shall be signed by authorized persons. Where such persons are signing in a representative capacity (e.g., an attorney-in-fact), but is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved, evidence of authority must be furnished.

2. What percent of the total value of this contract do you intend to subcontract? _____ %

3. Do you propose to purchase any equipment for use on this project?
[] No [] Yes If YES, describe type, quantity, and approximate cost:

4. Do you propose to rent any equipment for this work?
[] No [] Yes If YES, describe type and quantity:

5. Is your bid based on firm offers for all materials necessary for this project?
[] Yes [] No If NO, please explain:

C. EXPERIENCE

1. Have you had previous construction contracts or subcontracts with the State of Alaska?
[] Yes [] No

Describe the most recent or current contract, its completion date, and scope of work:

2. List, as an attachment to this questionnaire, other construction projects you have completed, the dates of completion, scope of work, and total contract amount for each project completed in the past 12 months.

I hereby certify that the above statements are true and complete.

Name of Contractor

Name and Title of Person Signing

Signature

Date

**STATE OF ALASKA
DEPARTMENT OF FAMILY & COMMUNITY SERVICES
DOCUMENT 00700 -**

**GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT FOR
BUILDINGS**

- ARTICLE 1 - DEFINITIONS**
- ARTICLE 2 - AUTHORITIES AND LIMITATIONS**
- 2.1 Authorities and Limitations
 - 2.2 Evaluations by Contracting Officer
 - 2.3 Means and Methods
 - 2.4 Visits to Site
- ARTICLE 3 - CONTRACT DOCUMENTS: INTENT, AMENDING, REUSE**
- 3.1 Incomplete Contract Documents
 - 3.2 Copies of Contract Documents
 - 3.3 Scope of Work
 - 3.4 Intent of Contract Documents
 - 3.5 Discrepancy in Contract Documents
 - 3.6 Clarifications and Interpretations
 - 3.7 Reuse of Documents
- ARTICLE 4 - LANDS AND PHYSICAL CONDITIONS**
- 4.1 Availability of Lands
 - 4.2 Visit to Site/Place of Business
 - 4.3 Explorations and Reports
 - 4.4 Utilities
 - 4.5 Damaged Utilities
 - 4.6 Utilities Not Shown or Indicated
 - 4.7 Survey Control
- ARTICLE 5 - BONDS AND INSURANCE**
- 5.1 Delivery of Bonds
 - 5.2 Bonds
 - 5.3 Replacement of Bond and Surety
 - 5.4 Insurance Requirements
 - 5.5 Indemnification
- ARTICLE 6 - CONTRACTOR'S RESPONSIBILITIES**
- 6.1 Supervision of Work
 - 6.2 Superintendence by CONTRACTOR
 - 6.3 Character of Workers
 - 6.4 CONTRACTOR to Furnish
 - 6.5 Materials and Equipment
 - 6.6 Anticipated Schedules
 - 6.7 Finalizing Schedules¹
 - 6.8 Adjusting Schedules
 - 6.9 Substitutes or "Or-Equal" Items
 - 6.10 Substitute Means and Methods
 - 6.11 Evaluation of Substitution
 - 6.12 Dividing the Work
 - 6.13 Subcontractors
 - 6.14 Use of Premises
 - 6.15 Structural Loading
 - 6.16 Record Documents
 - 6.17 Safety and Protection

	6.18	Safety Representative
	6.19	Emergencies
	6.20	Shop Drawings and Samples
	6.21	Shop Drawing and Sample Review
	6.22	Maintenance During Construction
	6.23	Continuing the Work
	6.24	Consent to Assignment
	6.25	Use of Explosives
	6.26	CONTRACTOR's Records
ARTICLE	7 -	LAWS AND REGULATIONS
	7.1	Laws to be Observed
	7.2	Permits, Licenses, and Taxes
	7.3	Patented Devices, Materials and Processes
	7.4	Compliance of Specifications and Drawings
	7.5	Accident Prevention
	7.6	Sanitary Provisions
	7.7	Business Registration
	7.8	Professional Registration and Certification
	7.9	Local Building Codes
	7.10	Air Quality Control
	7.11	Archaeological or Paleontological Discoveries
	7.12	Applicable Alaska Preferences
	7.13	Preferential Employment
	7.14	Wages and Hours of Labor
	7.15	Overtime Work Hours and Compensation
	7.16	Covenant Against Contingent Fees
	7.17	Officials Not to Benefit
	7.18	Personal Liability of Public Officials
ARTICLE	8 -	OTHER WORK
	8.1	Related Work at Site
	8.2	Access, Cutting, and Patching
	8.3	Defective Work by Others
	8.4	Coordination
ARTICLE	9 -	CHANGES
	9.1	DEPARTMENT's Right to Change
	9.2	Authorization of Changes within the General Scope
	9.3	Directive
	9.4	Change Order
	9.5	Shop Drawing Variations
	9.6	Changes Outside the General Scope; Supplemental Agreement
	9.7	Unauthorized Work
	9.8	Notification of Surety
	9.9	Differing Site Conditions
ARTICLE	10-	CONTRACT PRICE; COMPUTATION AND CHANGE
	10.1	Contract Price
	10.2	Claim for Price Change
	10.3	Change Order Price Determination
	10.4	Cost of the Work
	10.5	Excluded Costs
	10.6	CONTRACTOR's Fee
	10.7	Cost Breakdown
	10.8	Cash Allowances
	10.9	Unit Price Work
	10.10	Determinations for Unit Prices

10.11 Disadvantaged and Women Business Enterprises (DBE and WBE) Program

ARTICLE 11- CONTRACT TIME, COMPUTATION AND CHANGE

- 11.1 Commencement of Contract Time; Notice to Proceed
- 11.2 Starting the Work
- 11.3 Computation of Contract Time
- 11.4 Time Change
- 11.5 Extension Due to Delays
- 11.6 Essence of Contract
- 11.7 Reasonable Completion Time
- 11.8 Delay Damages

ARTICLE 12 - QUALITY ASSURANCE

- 12.1 Warranty and Guaranty
- 12.2 Access to Work
- 12.3 Tests and Inspections
- 12.4 Uncovering Work
- 12.5 DEPARTMENT May Stop the Work
- 12.6 Correction or Removal of Defective Work
- 12.7 One Year Correction Period
- 12.8 Acceptance of Defective Work
- 12.9 DEPARTMENT may Correct Defective Work

ARTICLE 13- PAYMENTS TO CONTRACTOR AND COMPLETION

- 13.1 Schedule of Values
- 13.2 Preliminary Payments
- 13.3 Application for Progress Payment
- 13.4 Review of Applications for Progress Payments
- 13.5 Stored Materials and Equipment
- 13.6 CONTRACTOR's Warranty of Title
- 13.7 Withholding of Payments
- 13.8 Retainage
- 13.9 Request for Release of funds
- 13.10 Substantial Completion
- 13.11 Access Following Substantial Completion
- 13.12 Final Inspection
- 13.13 Final Completion and Application for Payment
- 13.14 Final Payment
- 13.15 Final Acceptance
- 13.16 CONTRACTOR's Continuing Obligation
- 13.17 Waiver of Claims by CONTRACTOR
- 13.18 No Waiver of Legal Rights

ARTICLE 14- SUSPENSION OF WORK AND TERMINATION

- 14.1 DEPARTMENT May Suspend Work
- 14.2 Default of Contract
- 14.3 Rights or Remedies
- 14.4 Convenience Termination

ARTICLE 15- CLAIMS AND DISPUTES

- 15.1 Notification
- 15.2 Presenting Claim
- 15.3 Claim Validity, Additional Information & Project Manager's Action
- 15.4 Contracting Officer's Decision

ACKNOWLEDGMENT

"The State of Alaska, General Conditions of the Construction Contract for Buildings " is based on the "Standard General Conditions of the Construction Contract" as published by the National Society of Professional Engineers (document number 1910-8, 1983 edition) on behalf of the Engineers Joint Construction Documents Committee. Portions of the NSPE General Conditions are reprinted herein by the express permission of NSPE. Modifications to the NSPE text are made to provide for State laws, regulations, and established procedures.

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ARTICLE 1 - DEFINITIONS

Wherever used in the Contract Documents the following terms, or pronouns in place of them, are used, the intent and meaning, unless a different intent or meaning is clearly indicated, shall be interpreted as set forth below.

The titles and headings of the articles, sections, and subsections herein are intended for convenience of reference and shall not be considered as having bearing on their interpretation.

Whenever used in the Specifications or other Contract Documents the following terms have the meaning indicated which are applicable to both the singular and plural thereof. Working titles which have a masculine gender, are intended to refer to persons of either sex.

Terms not defined below shall have their ordinary accepted meanings within the context which they are used. Words which have a well-known technical or trade meaning when used to describe work, materials or equipment shall be interpreted in accordance with such meaning. Words defined in Article 1 are capitalized throughout these General Conditions.

Addenda - All clarifications, corrections, or changes issued graphically or in writing by the DEPARTMENT after the Advertisement but prior to the opening of Proposals.

Advertisement - The public announcement, as required by law, inviting bids for Work to be performed or materials to be furnished.

Application for Payment - The form provided by the DEPARTMENT which is to be used by the CONTRACTOR in requesting progress or final payments and which is to include such supporting documentation as is required by the Contract Documents.

Approved or Approval - Means written approval by the Contracting Officer or his authorized representative as defined in Article 2.1.

A.S - Initials which stand for Alaska Statute.

Award - The acceptance, by the DEPARTMENT, of the successful bid.

Bid Bond - A type of Proposal Guaranty.

Bidder - Any individual, firm, corporation or any acceptable combination thereof, or joint venture submitting a bid for the advertised Work.

Calendar Day - Every day shown on the calendar, beginning and ending at midnight.

Change Order - A written order by the DEPARTMENT directing changes to the Contract Documents, within their general scope.

Conditions of the Contract - Those portions of the Contract Documents which define the rights and responsibilities of the contracting parties and of others involved in the Work. The Conditions of the Contract include General Conditions, Supplementary Conditions and other conditions.

Consultant - The person, firm, or corporation retained directly by the DEPARTMENT to prepare Contract Documents, perform construction administration services, or other Project related services.

Contingent Sum Work Item - When the bid schedule contains a Contingent Sum Work Item, the Work covered shall be performed only upon the written Directive of the Project Manager. Payment shall be made as provided in the Directive.

Contract - The written agreement between the DEPARTMENT and the CONTRACTOR setting forth the obligations of the parties and covering the Work to be performed, all as required by the Contract Documents.

Contract Documents - The Contract form, Addenda, the bidding requirements and CONTRACTOR's bid (including all appropriate bid tender forms), the bonds, the Conditions of the Contract and all other Contract requirements, the Specifications, and the Drawings furnished by the DEPARTMENT to the CONTRACTOR, together with all Change Orders and documents approved by the Contracting Officer, for inclusion, modifications and supplements issued on or after the Effective Date of the Contract.

Contracting Officer - The person authorized by the Commissioner to enter into and administer the Contract on behalf of the DEPARTMENT. He has authority to make findings, determinations and decisions with respect to the Contract and, when necessary, to modify or terminate the Contract. The Contracting Officer is identified on the construction Contract.

CONTRACTOR - The individual, firm, corporation or any acceptable combination thereof, contracting with the DEPARTMENT for performance of the Work.

Contract Price - The total moneys payable by the DEPARTMENT to the CONTRACTOR under the terms of the Contract Documents.

Contract Time - The number of Calendar Days or the date specified in the construction Contract and authorized time extensions which identify how much time the CONTRACTOR is allowed to achieve Final Completion.

Controlling Item - Any feature of the Work considered at the time by the Contracting Officer as essential to the orderly completion of the Work and which, if delayed, will delay the time of Final Completion of the Contract (such as an item of Work on the critical path of a network schedule).

Defective - An adjective which refers to Work that is unsatisfactory, faulty or deficient, or does not conform to the Contract Documents, or does not meet the requirements of any inspection, reference standard, test or Approval referred to in the Contract Documents, or has been damaged prior to the DEPARTMENT's Approval.

DEPARTMENT - The Alaska Department of Health and Social Services. References to "Owner", "State", "Contracting Agency", mean the DEPARTMENT.

Directive - A written communication to the CONTRACTOR from the Contracting Officer interpreting or enforcing a Contract requirement or ordering commencement of an item of Work.

Drawings - The Drawings which show the character and scope of the Work to be performed and which have been furnished by the DEPARTMENT or the DEPARTMENT's Consultant and are by reference made a part of the Contract Documents.

Effective Date of the Contract - The date on which the Contract is fully executed by both CONTRACTOR and the DEPARTMENT.

Final Acceptance - The DEPARTMENT's written acceptance of the Work following Final Completion and the performance of all Contract requirements by the CONTRACTOR.

Final Completion - The Project (or specified part thereof) has progressed to the point that all required Work is complete as determined by the Contracting Officer.

General Requirements - Sections of Division I of the Specifications which contain administrative and procedural requirements as well as requirements for temporary facilities which apply to Specification Divisions 2 through 16.

Holidays - In the State of Alaska, Legal Holidays occur on:

1. New Years Day - January 1
2. Martin Luther King's Birthday - Third Monday in January
3. President's Day - Third Monday in February
4. Seward's Day - Last Monday in March
5. Memorial Day - Last Monday in May
6. Independence Day - July 4
7. Labor Day - First Monday in September
8. Alaska Day - October 18
9. Veteran's Day - November 11
10. Thanksgiving Day - Fourth Thursday in November
11. Christmas Day - December 25
12. Every Sunday
13. Every day designated by public proclamation by the President of the United States or the Governor of the State as a legal Holiday.

If any Holiday listed above falls on a Saturday, Saturday and the preceding Friday are both legal Holidays. If the Holiday should fall on a Sunday, except (12) above, Sunday and the following Monday are both legal Holidays. See Title 44, Alaska Statutes.

Install - Means to build into the Work, ready to be used in complete and operable condition and in compliance with Contract Documents.

Invitation for Bids - A portion of the bidding documents soliciting bids for the Work to be performed.

Notice of Intent to Award - The written notice by the DEPARTMENT to all Bidders identifying the apparent successful Bidder and establishing the DEPARTMENT's intent to execute the Contract when all conditions required for execution of the Contract are met.

Notice to Proceed - A written notice to the CONTRACTOR to begin the Work and establishing the date on which the Contract Time begins.

Payment Bond - The security furnished by the CONTRACTOR and his Surety to guarantee payment of the debts covered by the bond.

Performance Bond - The security furnished by the CONTRACTOR and his Surety to guarantee performance and completion of the Work in accordance with the Contract.

Project - The total construction, of which the Work performed under the Contract Documents is the whole or a part, where such total construction may be performed by more than one CONTRACTOR.

Project Manager - The authorized representative of the Contracting Officer who is responsible for administration of the Contract.

Proposal - The offer of a Bidder, on the prescribed forms, to perform the Work at the prices quoted.

Proposal Guaranty - The security furnished with a Proposal to guarantee that the bidder will enter into a Contract if his Proposal is accepted by the DEPARTMENT.

Regulatory Requirements - Laws, rules, regulations, ordinances, codes and/or orders.

Schedule of Values - The DEPARTMENT's document, submitted by the CONTRACTOR and reviewed by the Contracting Officer, which shall serve as the basis for computing payment and for establishing the value of separate items of Work which comprise the Contract Price.

Shop Drawings - All drawings, diagrams, illustrations, schedules and other data which are specifically prepared by or for the CONTRACTOR to illustrate some portion of the Work and all illustrations, brochures, standard schedules, performance charts, instructions, diagrams and other information prepared by a Supplier and submitted by the CONTRACTOR to illustrate material, equipment, fabrication, or erection for some portion of the Work.

Specifications - Those portions of the Contract Documents consisting of written technical descriptions of materials, equipment, construction systems, standards and workmanship as applied to the Work and certain administrative and procedural details applicable thereto.

Subcontractor - An individual, firm, or corporation to whom the CONTRACTOR or any other Subcontractor sublets part of the Contract.

Substantial Completion - Although not fully completed, the Work (or a specified part thereof) has progressed to the point where, in the opinion of the Contracting Officer, as evidence by the DEPARTMENT's written notice, it is sufficiently complete, in accordance with the Contract Documents, so that the Work (or specified part) can be utilized for the purposes for which it is intended. The terms "Substantially Complete" and "Substantially Completed" as applied to any Work refer to Substantial Completion thereof.

Supplemental Agreement - A written agreement between the CONTRACTOR and the DEPARTMENT covering work that is not within the general scope of the Contract.

Supplementary Conditions - The part of the Contract Documents which amends or supplements these General Conditions.

Supplier - A manufacturer, fabricator, distributor, materialman or vendor of materials or equipment.

Surety - The corporation, partnership, or individual, other than the CONTRACTOR, executing a bond furnished by the CONTRACTOR.

Unit Price Work - Work to be paid for on the basis of unit prices.

Using Agency - The entity who will occupy or use the completed Project.

Work - Work is the act of, and the result of, performing services, furnishing labor, furnishing and incorporating materials and equipment into the Project and performing other duties and obligations, all as required by the Contract Documents. Such Work, however incremental, will culminate in the entire completed Project, or the various separately identifiable parts thereof.

ARTICLE 2 - AUTHORIZATION AND LIMITATIONS

2.1 Authorities and Limitations

2.1.1 The Contracting Officer alone, shall have the power to bind the DEPARTMENT and to exercise the rights, responsibilities, authorities and functions vested in the Contracting Officer by the Contract Documents, except that the Contracting Officer shall have the right to designate in writing authorized representatives to act for him. Wherever any provision of the Contract Documents specifies an individual or organization, whether governmental or private, to perform any act on behalf of or in the interest of the DEPARTMENT that individual or organization shall be deemed to be the Contracting Officer's authorized representative under this Contract but only to the extent so specified. The Contracting Officer may, at any time during the performance of this Contract, vest in any such authorized representatives additional power and authority to act for the Contracting Officer or designate additional representatives, specifying the extent of their authority to act for the Contracting Officer; a copy of each document vesting additional authority in or removing that authority from an authorized representative or designating an additional authorized representative shall be furnished to the CONTRACTOR. The head of the Contracting Agency reserves the right to appoint a new Contracting Officer without affecting any of the CONTRACTOR's obligations to the DEPARTMENT under this Contract.

2.1.2 The CONTRACTOR shall perform the Work in accordance with any written order (including but not limited to instruction, direction, interpretation or determination) issued by an authorized representative in accordance with the authorized representative's authority to act for the Contracting Officer. The

CONTRACTOR assumes all the risk and consequences of performing the Work in accordance with any order (including but not limited to instruction, direction, interpretation or determination) of anyone not authorized to issue such order, and of any order not in writing.

- 2.1.3 Should the Contracting Officer or his authorized representative designate Consultant(s) to act for the DEPARTMENT as provided for in Paragraph 2.1.1, the performance or nonperformance of the Consultant under such authority to act, shall not give rise to any contractual obligation or duty of the Consultant to the CONTRACTOR, any Subcontractor, any Supplier, or any other organization performing any of the Work or any Surety representing them.
- 2.1.4 The term "Contracting Officer" when used in the text of these General Conditions or other Contract Documents following this section shall also mean any duly authorized representative of the Contracting Officer when authorized in accordance with Paragraph 2.1.1.

2.2 Evaluations by Contracting Officer:

2.2.1 The Contracting Officer will decide all questions which may arise as to:

- a. Quality and acceptability of materials furnished;
- b. Quality and acceptability of Work performed;
- c. Compliance with the schedule of progress;
- d. Interpretation of Contract Documents;
- e. Acceptable fulfillment of the Contract on the part of the CONTRACTOR.

2.2.2 In order to avoid cumbersome terms and confusing repetition of expressions in the Contract Documents the terms "as ordered", "as directed", "as required", "as approved" or terms of like effect or import are used, or the adjectives "reasonable", "suitable", "acceptable", "proper" or "satisfactory" or adjectives of like effect or import are used it shall be understood as if the expression were followed by the words "the Contracting Officer".

When such terms are used to describe a requirement, direction, review or judgment of the Contracting Officer as to the Work, it is intended that such requirement, direction, review or judgment will be solely to evaluate the Work for compliance with the Contract Documents (unless there is a specific statement indicating otherwise).

2.2.3 The use of any such term or adjective shall not be effective to assign to the DEPARTMENT any duty of authority to supervise or direct the furnishing or performance of the Work or any duty or authority to undertake responsibility contrary to the provisions of paragraphs 2.3 or 2.4.

2.3 Means & Methods:

The means, methods, techniques, sequences or procedures of construction, or safety precautions and the program incident thereto, and the failure to perform or furnish the Work in accordance with the Contract Documents are the sole responsibility of the CONTRACTOR.

2.4 Visits to Site/Place of Business:

The Contracting Officer will make visits to the site and approved remote storage sites at intervals appropriate to the various stages of construction to observe the progress and quality of the executed Work and to determine, in general, if the Work is proceeding in accordance with the Contract Documents. The Contracting Officer may, at reasonable times, inspect that part of the plant or place of business of the CONTRACTOR or Subcontractor that is related to the performance of the Contract. Such observations or the lack of such observations shall in no way relieve the CONTRACTOR from his duty to perform the Work in accordance with the Contract Documents.

ARTICLE 3 - CONTRACT DOCUMENTS: INTENT, AMENDING, REUSE

3.1 Incomplete Contract Documents:

The submission of a bid by the Bidder is considered a representation that the Bidder examined the Contract Documents to make certain that all sheets and pages were provided and that the Bidder is satisfied as to the conditions to be encountered in performing the Work. The DEPARTMENT expressly denies any responsibility or liability for a bid submitted on the basis of an incomplete set of Contract Documents.

3.2 Copies of Contract Documents:

The DEPARTMENT shall furnish to the CONTRACTOR up to ten copies of the Contract Documents. Additional copies will be furnished, upon request, at the cost of reproduction.

3.3 Scope of Work:

The Contract Documents comprise the entire Contract between the DEPARTMENT and the CONTRACTOR concerning the Work. The Contract Documents are complementary; what is called for by one is as binding as if called for by all. The Contract Documents will be construed in accordance with the Regulatory Requirements of the place of the Project.

It is specifically agreed between the parties executing this Contract that it is not intended by any of the provisions of the Contract to create in the public or any member thereof a third party benefit, or to authorize anyone not a party to this Contract to maintain a suit pursuant to the terms or provisions of the Contract.

3.4 Intent of Contract Documents:

3.4.1 It is the intent of the Contract Documents to describe a functionally complete Project to be constructed in accordance with the Contract Documents. Any Work, materials or equipment that may reasonably be inferred from the Contract Documents as being required to produce the intended result will be supplied, without any adjustment in Contract Price or Contract Time, whether or not specifically called for.

3.4.2 Reference to standard specifications, manuals or codes of any technical society, organization or association, or to the Regulatory Requirements of any governmental authority, whether such reference be specific or by implication, shall mean the edition stated in the Contract Documents or if not stated the latest standard specification, manual, code or Regulatory Requirements in effect at the time of Advertisement for the Project (or, on the Effective Date of the Contract if there was no Advertisement). However, no provision of any referenced standard specification, manual or code (whether or not specifically incorporated by reference in the Contract Documents) shall be effective to change the duties and responsibilities of the DEPARTMENT and the CONTRACTOR, or any of their consultants, agents or employees from those set forth in the Contract Documents, nor shall it be effective to assign to the DEPARTMENT or any of the DEPARTMENT's Consultants, agents or employees, any duty or authority to supervise or direct the furnishing or performance of the Work or any duty or authority to undertake responsibility contrary to the provisions of paragraphs 2.3 or 2.4.

3.5 Discrepancy in Contract Documents:

3.5.1 Before undertaking the Work, the CONTRACTOR shall carefully study and compare the Contract Documents and check and verify pertinent figures, and dimensions shown thereon and all applicable field measurements. Work in the area by the CONTRACTOR shall imply verification of figures, dimensions and field measurements. If, during the above study or during the performance of the Work, the CONTRACTOR finds a conflict, error, discrepancy or omission in the Contract Documents, or a discrepancy between the Contract Documents and any standard specification, manual, code, or Regulatory Requirement which affects the Work, the CONTRACTOR shall promptly report such discrepancy in writing to the Contracting Officer. The CONTRACTOR shall obtain a written interpretation or clarification from the Contracting Officer before proceeding with any Work affected thereby. Any adjustment made by the CONTRACTOR without this determination shall be at his own risk and expense. However, the CONTRACTOR shall not be liable to the DEPARTMENT for failure to report any conflict, error or discrepancy in the Contract Documents unless the CONTRACTOR had actual knowledge thereof or should reasonably have known thereof.

3.5.2 Discrepancy - Order of Precedence:

When conflicts, errors, or discrepancies within the Contract Documents exist, the order of precedence from most governing to least governing will be as follows:

- Contents of Addenda
- Supplementary Conditions
- General Conditions
- General Requirements
- Technical Specifications
- Drawings
- Recorded dimensions will govern over scaled dimensions
- Large scale details over small scale details
- Schedules over plans
- Architectural drawings over structural drawings Structural drawings over mechanical and electrical drawings

3.6 Clarifications and Interpretations:

The Contracting Officer will issue with reasonable promptness such written clarifications or interpretations of the requirements of the Contract Documents as the Contracting Officer may determine necessary, which shall be consistent with or reasonably inferable from the overall intent of the Contract Documents.

3.7 Reuse of Documents:

Neither the CONTRACTOR nor any Subcontractor, or Supplier or other person or organization performing or furnishing any of the Work under a direct or indirect contract with the DEPARTMENT shall have or acquire any title to or ownership rights in any of the Contract Documents (or copies thereof) prepared by or for the DEPARTMENT and they shall not reuse any of the Contract Documents on extensions of the Project or any other project without written consent of the Contracting Officer.

Contract Documents prepared by the CONTRACTOR in connection with the Work shall become the property of the DEPARTMENT.

ARTICLE 4 - LANDS AND PHYSICAL CONDITIONS

4.1 Availability of Lands:

The DEPARTMENT shall furnish as indicated in the Contract Documents, the lands upon which the Work is to be performed, rights-of-way and easements for access thereto, and such other lands which are designated for use of the CONTRACTOR in connection with the Work. Easements for permanent structures or permanent changes in existing facilities will be obtained and paid for by the DEPARTMENT, unless otherwise provided in the Contract Documents. The CONTRACTOR shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

4.2 Visit to Site:

The submission of a bid by the CONTRACTOR is considered a representation that the CONTRACTOR has visited and carefully examined the site and is satisfied as to the conditions to be encountered in performing the Work and as to the requirements of the Contract Documents.

4.3 Explorations and Reports:

1. Reference is made to the Supplementary Conditions for identification of those reports of explorations and tests of subsurface conditions at the site that have been utilized by the DEPARTMENT in preparation of the Contract Documents. The CONTRACTOR may for his purposes rely upon the accuracy of the factual data contained in such reports, but not upon interpretations or opinions drawn from such factual data contained therein or for the completeness or sufficiency thereof. Except as indicated in the immediately preceding sentence and in paragraphs 4.4

and 9.9, CONTRACTOR shall have full responsibility with respect to surface and subsurface conditions at the site.

2. **Hazardous Materials:**

The CONTRACTOR is to be aware under 29 CFR 1926.1101(k)(2)(ii) Construction Industry Standards, any building or facility constructed prior to 1980 may contain suspected Hazardous Materials. All known or perceived known Hazardous Materials information will be provided by the DEPARTMENT's facility staff to the CONTRACTOR upon request. Any new suspected Hazardous Materials encountered by the CONTRACTOR shall be made known to the DEPARTMENT within 3 business days of discovery. Once notified the DEPARTMENT will have an Environmental Assessment completed to verify if hazardous materials exist.

4.4 Utilities:

The horizontal and vertical locations of known underground utilities as shown or indicated by the Contract Documents are approximate and are based on information and data furnished to the DEPARTMENT by the owners of such underground utilities.

4.4.2 The CONTRACTOR shall have full responsibility for:

- a. Reviewing and checking all information and data concerning utilities.
- b. Locating all underground utilities shown or indicated in the Contract Documents which are affected by the Work.
- c. Coordination of the Work with the owners of all utilities during construction.
- d. Safety and protection of all utilities as provided in paragraph 6.17.
- e. Repair of any damage to utilities resulting from the Work in accordance with 4.4.4 and 4.5.

4.4.3 If Work is to be performed by any utility owner, the CONTRACTOR shall cooperate with such owners to facilitate the Work.

4.4.4 In the event of interruption to any utility service as a result of accidental breakage or as result of being exposed or unsupported, the CONTRACTOR shall promptly notify the utility owner and the Contracting Officer. If service is interrupted, repair work shall be continuous until the service is restored. No Work shall be undertaken around fire hydrants until provisions for continued service has been approved by the local fire authority.

4.5 Damaged Utilities:

When utilities are damaged by the CONTRACTOR, the utility owner shall have the choice of repairing the utility or having the CONTRACTOR repair the utility. In the following circumstances, the CONTRACTOR shall reimburse the utility owner for repair costs or provide at no cost to the utility owner or the DEPARTMENT, all materials, equipment and labor necessary to complete repair of the damage:

- a. When the utility is shown or indicated in the Contract Documents.
- b. When the utility has been located by the utility owner.
- c. When no locate was requested by the CONTRACTOR for utilities shown or indicated in the Contract Documents.
- d. All visible utilities.
- e. When the CONTRACTOR could have, otherwise, reasonably been expected to be aware of such utility.

4.6 Utilities Not Shown or Indicated:

If, while directly performing the Work, an underground utility is uncovered or revealed at the site which was not shown or indicated in the Contract Documents and which the CONTRACTOR could not reasonably have been expected to be aware of, the CONTRACTOR shall, promptly after becoming aware thereof and before performing any Work affected thereby (except in an emergency as permitted by paragraph 6.19) identify the owner of such underground utility and give written notice thereof to that owner and to the Contracting Officer. The Contracting Officer will promptly review the underground utility to determine the extent to which the Contract Documents and the Work should be modified to reflect the impacts of the discovered utility. The Contract Documents will be amended or supplemented in accordance with paragraph 9.2 and to the extent necessary through the issuance of a change document by the Contracting Officer. During such time, the CONTRACTOR shall be responsible for the safety and protection of such underground utility as provided in paragraph 6.17. The CONTRACTOR may be allowed an increase in the Contract Price or an extension of the Contract Time, or both, to the extent that they are directly attributable to the existence of any underground utility that was not shown or indicated in the Contract Documents and which the CONTRACTOR could not reasonably have been expected to be aware of.

4.7 Survey Control:

The DEPARTMENT will identify sufficient horizontal and vertical control data to enable the CONTRACTOR to survey and layout the Work. All survey work shall be performed under the direct supervision of a registered land surveyor when required by paragraph 7.8. Copies of all survey notes will be provided the DEPARTMENT on a weekly basis with variations between the Contract Documents and actual field conditions identified. Survey notes are to be in a format acceptable to the DEPARTMENT.

ARTICLE 5 - BONDS, INSURANCE, AND INDEMNIFICATION

5.1 Delivery of Bonds:

When the CONTRACTOR delivers the executed Contract to the Contracting Officer, the CONTRACTOR shall also deliver to the Contracting Officer such bonds as the CONTRACTOR may be required to furnish in accordance with paragraph 5.2.

5.2 Bonds:

- 5.2.1 The CONTRACTOR shall furnish Performance and Payment Bonds, each in an amount as shown on the Contract as security for the faithful performance and payment of all CONTRACTOR's obligations under the Contract Documents. These bonds shall remain in effect for one year after the date of Final Acceptance and until all obligations under this Contract, except special guarantees as per 12.7, have been met. All bonds shall be furnished on forms provided by the DEPARTMENT (or copies thereof) and shall be executed by such Sureties as are authorized to do business in the State of Alaska. The Contracting Officer may at his option copy the Surety with notice of any potential default or liability.
- 5.2.2 At the option of the CONTRACTOR, bonds may be provided by individual Surety the adequacy of which shall be determined by the Contracting Officer. Any costs incurred by the CONTRACTOR or individual Surety shall be borne by the CONTRACTOR. Where individual Sureties are used, two individual Sureties must each provide the State of Alaska with security equal to the amount of each bond by one, or a combination of, the following methods:
- a. Escrow account in the name of the DEPARTMENT for the duration of the Contract. Acceptable securities would include, but not necessarily be limited to: Cash; treasury notes; bearer instruments having a specific value, or; money market certificates.
 - b. First *Deed of Trust* with the DEPARTMENT designated as beneficiary, against the unencumbered value of the real property located within the State of Alaska or an agreement by any second party, including deeds of trust, mortgage, lien or judgment interests to subrogate their interests to that of the State of Alaska in the real property which has been offered by the individual Surety.

A title insurance policy with the State of Alaska as a named beneficiary and a current (within 3 months) professional appraisal or assessed valuation will be required to ascertain the true value of the property offered as collateral. If buildings or other valued improvements are involved then fire and casualty insurance with the State of Alaska as a named insured and in limits and coverages acceptable to the Contracting Officer shall be required. The appraiser shall acknowledge in writing that the appraisal is prepared for the benefit of the DEPARTMENT and the DEPARTMENT has the right to rely on its contents. This *Deed* must be recorded in the recording office where the property is located.

With respect to clauses "a" and "b" above the *Deed of Trust* or other accepted security shall not be released until 12 months after Final Acceptance of the Project and settlement of all outstanding claims.

5.3 Replacement of Bond and Surety:

If the Surety on any bond furnished in connection with this Contract is declared bankrupt or becomes insolvent or its right to do business is terminated in any state where any part of the Project is located or it ceases to meet the requirements of paragraph 5.2, or otherwise becomes unacceptable to the DEPARTMENT, or if any such Surety fails to furnish reports as to his financial condition as requested by the DEPARTMENT, the CONTRACTOR shall within five days thereafter substitute another bond and Surety, both of which must be acceptable to DEPARTMENT.

An individual Surety may be replaced by a corporate Surety during the course of the Contract period. If the Surety desires to dispose of the collateral posted, the DEPARTMENT may, at its option, accept substitute collateral.

5.4 Insurance Requirements:

5.4.1 The CONTRACTOR shall provide evidence of insurance with a carrier or carriers satisfactory to the DEPARTMENT covering injury to persons and/or property suffered by the State of Alaska or a third party, as a result of operations which arise both out of and during the course of this Contract by the CONTRACTOR or by any Subcontractor. This coverage will also provide protection against injuries to all employees of the CONTRACTOR and the employees of any Subcontractor engaged in Work under this Contract.

5.4.2 The CONTRACTOR shall maintain in force at all times during the performance of Work under this agreement the following policies of insurance. Where specific limits and coverages are shown, it is understood that they shall be the minimum acceptable. The requirements of this paragraph shall not limit the CONTRACTOR's responsibility to indemnify under paragraph 5.5. Additional insurance requirements specific to this Contract are contained in the Supplementary Conditions, when applicable.

a. Worker's Compensation Insurance:

The Contractor shall provide and maintain, for all employees engaged in work under this contract, statutory limits coverage as required by AS 23.30.045.

The policy must waive subrogation against the State and include Employer's Liability Protection with policy limits not less than:

\$500,000 each accident,
\$500,000 each disease.

b. Commercial General Liability Insurance: on an occurrence policy form covering all operations by or on behalf of the CONTRACTOR with combined single limits not less than:

\$1,000,000 each occurrence

\$1,000,000 for Personal Injury Liability

\$2,000,000 aggregate for Products-Completed Operations

\$2,000,000 general aggregate

The State of Alaska shall be named as additional insured. This insurance shall be considered to be primary and non-contributory to any other insurance carried by the State through self insurance or otherwise.

- c. Automobile Liability Insurance: covering all vehicles used by the Contractor in the performance of services under this agreement with combined single limits not less than:

\$1,000,000 each occurrence

d.

- e. Other Coverages: As specified in the Supplementary Conditions.

- 5.4.3 All insurance policies shall comply with, and be issued by insurers licensed to transact the business of insurance under AS 21. Failure to maintain insurance may, at the option of the Contracting Officer, be deemed Defective Work and remedied in accordance with the Contract.

Evidence of Insurance, consisting of a certificate of insurance or the policy declaration page with required endorsements attached thereto - all of which have been executed by the insurer's representative and issued to the DEPARTMENT - shall denote the type, amount, class of operations covered, effective (and retroactive) dates, and dates of expiration. Evidence of Insurance must provide for a 30-day prior notice of cancellation, nonrenewal or material change of conditions.

Evidence pertaining to Worker's Compensation, Commercial General Liability, or Automobile Liability is required for Award. All other coverages shall be evidenced prior to commencement of WORK. Acceptance by the DEPARTMENT of deficient evidence does not constitute a waiver of Contract requirements as provided for the Conditions of the Contract.

If a certificate of insurance is submitted as evidence it shall contain the following statement:

"This is to certify that the policies described herein comply with all aspects of the insurance requirements of (Contract Name and Number, and Project Number)."

5.5 **Indemnification:**

The CONTRACTOR shall indemnify, save harmless, and defend the DEPARTMENT, its agents and its employees from any and all claims, actions, or liabilities for injuries or damages sustained by any person or property arising directly or indirectly from the CONTRACTOR or SUBCONTRACTOR's performance of WORK under this Contract; however, this provision has no effect if, but only if, the sole proximate cause of the injury or damage is the DEPARTMENT's negligence.

ARTICLE 6 - CONTRACTOR'S RESPONSIBILITIES

6.1 **Supervision of Work:**

The CONTRACTOR shall supervise and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents. All Work under this Contract shall be performed in a skillful and workmanlike manner. The CONTRACTOR shall be solely responsible for the means, methods, techniques, sequences and procedures of construction.

6.2 **Superintendence by CONTRACTOR:**

The CONTRACTOR shall keep on the Work at all times during its progress a competent resident superintendent. The Contracting Officer shall be advised in writing of the superintendent's name, local address, and telephone number. This written advice is to be kept current until Final Acceptance by the DEPARTMENT. The superintendent will be the CONTRACTOR's representative at the site and shall have full authority to act and sign documents on behalf of the CONTRACTOR.

All communications given to the superintendent shall be as binding as if given to the CONTRACTOR. The CONTRACTOR shall cooperate with the Contracting Officer in every way possible.

6.3 Character of Workers:

The CONTRACTOR shall provide a sufficient number of competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. The CONTRACTOR shall at all times maintain good discipline and order at the site. The Contracting Officer may, in writing, require the CONTRACTOR to remove from the Work any employee the Contracting Officer deems incompetent, careless, or otherwise detrimental to the progress of the Work, but the Contracting Officer shall have no duty to exercise this right.

6.4 CONTRACTOR to Furnish:

Unless otherwise specified in the General Requirements, the CONTRACTOR shall furnish and assume full responsibility for all materials, equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities and all other facilities and incidentals necessary for the furnishing, performance testing, start-up and completion of the Work.

6.5 Materials and Equipment:

All materials and equipment shall be of specified quality and new, except as otherwise provided in the Contract Documents. If required by the Contracting Officer, the CONTRACTOR shall furnish satisfactory evidence (including reports of required tests) as to the kind and quality of materials and equipment. All materials and equipment shall be applied, installed, connected, erected, used, cleaned, and conditioned in accordance with the instructions of the applicable Supplier except as otherwise provided in the Contract Documents; but no provision of any such instructions will be effective to assign to the DEPARTMENT or any of the DEPARTMENT's Consultants, agents or employees, any duty or authority to supervise or direct the furnishing or performance of the Work or any duty or authority to undertake responsibility contrary to the provisions of paragraphs 2.3 or 2.4.

6.6 Anticipated Schedules:

6.6.1 Within reasonable time prior to the preconstruction conference the CONTRACTOR shall submit to the Contracting Officer for review an anticipated progress schedule indicating the starting and completion dates of the various stages of the Work.

6.6.2 Within fifteen days after the date of the Notice to Proceed, the CONTRACTOR shall submit to the Contracting Officer for review:

Anticipated schedule of Shop Drawing submissions; and

Anticipated Schedule of Values for all of the Work which will include quantities and prices of items aggregating the Contract Price and will subdivide the Work into component parts in sufficient detail to serve as the basis for progress payments during construction. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work which will be confirmed in writing by the CONTRACTOR at the time of submission.

6.7 Finalizing Schedules:

Prior to processing the first Application for Payment the Contracting Officer and the CONTRACTOR will finalize schedules required by paragraph 6.6. The finalized progress schedule will be acceptable to the DEPARTMENT as providing information related to the orderly progression of the Work to completion within the Contract Time; but such acceptance will neither impose on the DEPARTMENT nor relieve the

CONTRACTOR from full responsibility for the progress or scheduling of the Work. If accepted, the finalized schedule of Shop Drawing and other required submissions will be acknowledgment by the DEPARTMENT as providing a workable arrangement for processing the submissions. If accepted, the finalized Schedule of Values will be acknowledgment by the DEPARTMENT as an approximation of anticipated value of Work accomplished over the anticipated Contract Time. Receipt and acceptance of a schedule submitted by the CONTRACTOR shall not be construed to assign responsibility for performance or contingencies to the DEPARTMENT or relieve the CONTRACTOR of his responsibility to adjust his forces, equipment, and work schedules as may be necessary to insure completion of the Work within prescribed Contract Time. Should the prosecution of the Work be discontinued for any reason, the CONTRACTOR shall notify the Contracting Officer at least 24 hours in advance of resuming operations.

6.8 Adjusting Schedules:

Upon substantial changes to the schedule or upon request the CONTRACTOR shall submit to the Contracting Officer for acceptance (to the extent indicated in paragraph 6.7 and the General Requirements) adjustments in the schedules to reflect the actual present and anticipated progress of the Work.

6.9 Substitutes or "Or-Equal" Items:

- 6.9.1 Whenever materials or equipment are specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier the naming of the item is intended to establish the type, function and quality required. Unless the name is followed by words indicating that substitution is limited or not permitted, materials or equipment of other Suppliers may be accepted by the Contracting Officer only if sufficient information is submitted by the CONTRACTOR which clearly demonstrates to the Contracting Officer that the material or equipment proposed is equivalent or equal in all aspects to that named. The procedure for review by the Contracting Officer will include the following as supplemented in the General Requirements.
- 6.9.2 Requests for review of substitute items of material and equipment will not be accepted by the Contracting Officer from anyone other than the CONTRACTOR.
- 6.9.3 If the CONTRACTOR wishes to furnish or use a substitute item of material or equipment, the CONTRACTOR shall make written application to the Contracting Officer for Approval thereof, certifying that the proposed substitute will perform adequately the functions and achieve the results called for by the general design, be similar and of equal substance to that specified and be suited to the same use as the specified. The application will state that the evaluation and Approval of the proposed substitute will not delay the CONTRACTOR's timely achievement of Substantial or Final Completion, whether or not acceptance of the substitute for use in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with the DEPARTMENT for Work on the Project) to adapt the design to the proposed substitute and whether or not incorporation or use of the substitute in connection with the Work is subject to payment of any license fee or royalty.
- 6.9.4 All variations of the proposed substitute from that specified will be identified in the application and available maintenance, repair and replacement service will be indicated. The application will also contain an itemized estimate of all costs that will result directly or indirectly from acceptance of such substitute, including costs of redesign and claims of other contractors affected by the resulting change, all of which shall be considered by the DEPARTMENT in evaluating the proposed substitute. The DEPARTMENT may require the CONTRACTOR to furnish at the CONTRACTOR's expense additional data about the proposed substitute. The Contracting Officer may reject any substitution request which the Contracting Officer determines is not in the best interest of the DEPARTMENT.

6.10 Substitute Means and Methods:

If a specific means, method, technique, sequence or procedure of construction is indicated in or required by the Contract Documents, the CONTRACTOR may furnish or utilize a substitute means, method, sequence, technique or procedure of construction acceptable to the Contracting Officer, if the CONTRACTOR submits sufficient information to allow the Contracting Officer to determine that the substitute proposed is equivalent to that indicated or required by the Contract Documents. The procedure for review by the Contracting Officer will

be similar to that provided in paragraph 6.9 as applied by the Contracting Officer and as may be supplemented in the General Requirements.

6.11 Evaluation of Substitution:

The Contracting Officer will be allowed a reasonable time within which to evaluate each proposed substitute. The Contracting Officer will be the sole judge of acceptability, and no substitute will be ordered, installed or utilized without the Contracting Officer's prior written Approval which will be evidenced by either a Change Order or a Shop Drawing Approved in accordance with Sections 6.20 and 6.21. The Contracting Officer may require the CONTRACTOR to furnish at the CONTRACTOR's expense a special performance guarantee or other Surety with respect to any substitute.

6.12 Dividing the Work:

The divisions and sections of the Specifications and the identifications of any Drawings shall not control the CONTRACTOR in dividing the Work among Subcontractors or Suppliers or delineating the Work to be performed by any specific trade.

6.13 Subcontractors:

The CONTRACTOR may utilize the services of appropriately licensed Subcontractors on those parts of the Work which, under normal contracting practices, are performed by Subcontractors, in accordance with the following conditions:

- 6.13.1 The CONTRACTOR shall not award any Work to any Subcontractor without prior written Approval of the Contracting Officer. This Approval will not be given until the CONTRACTOR submits to the Contracting Officer a written statement concerning the proposed award to the Subcontractor which shall contain required Equal Employment Opportunity documents, evidence of insurance whose limits are acceptable to the CONTRACTOR, and an executed copy of the subcontract. All subcontracts submitted for Approval must contain provisions for payment for Work done by the Subcontractor within 7 days of receipt of payment by the CONTRACTOR. No acceptance by the Contracting Officer of any such Subcontractor shall constitute a waiver of any right of the DEPARTMENT to reject Defective Work.
- 6.13.2 The CONTRACTOR shall be fully responsible to the DEPARTMENT for all acts and omissions of the Subcontractors, Suppliers and other persons and organizations performing or furnishing any of the Work under a direct or indirect contract with CONTRACTOR just as CONTRACTOR is responsible for CONTRACTOR's own acts and omissions.
- 6.13.3 All Work performed for CONTRACTOR by a Subcontractor will be pursuant to an appropriate written agreement between CONTRACTOR and the Subcontractor which specifically binds the Subcontractor to the applicable terms and conditions of the Contract Documents for the benefit of the DEPARTMENT and contains waiver provisions as required by paragraph 13.17 and termination provisions as required by Article 14.
- 6.13.4 Nothing in the Contract Documents shall create any contractual relationship between the DEPARTMENT and any such Subcontractor, Supplier or other person or organization, nor shall it create any obligation on the part of the DEPARTMENT to pay or to see to the payment of any moneys due any such Subcontractor, Supplier or other person or organization except as may otherwise be required by Regulatory Requirements. The DEPARTMENT will not undertake to settle any differences between or among the CONTRACTOR, Subcontractors, or Suppliers.
- 6.13.5 The CONTRACTOR and Subcontractors shall coordinate their work and cooperate with other trades so to facilitate general progress of Work. Each trade shall afford other trades every reasonable opportunity for installation of their work and storage of materials. If cooperative work of one trade must be altered due to lack of proper supervision, or failure to make proper provisions in time by another trade, such conditions shall be remedied by the CONTRACTOR with no change in Contract Price or Contract Time.

6.13.6 The CONTRACTOR shall include on his own payrolls any person or persons working on this Contract who are not covered by written subcontract, and shall ensure that all Subcontractors include on their payrolls all persons performing Work under the direction of the Subcontractor.

6.14 Use of Premises:

The CONTRACTOR shall confine construction equipment, the storage of materials and equipment and the operations of workers to the Project limits and approved remote storage sites and lands and areas identified in and permitted by Regulatory Requirements, rights-of-way, permits and easements, and shall not unreasonably encumber the premises with construction equipment or other materials or equipment. The CONTRACTOR shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof or of any land or areas contiguous thereto, resulting from the performance of the Work. Should any claim be made against the DEPARTMENT by any such owner or occupant because of the performance of the Work, the CONTRACTOR shall hold the DEPARTMENT harmless.

6.15 Structural Loading:

The CONTRACTOR shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall the CONTRACTOR subject any part of the Work or adjacent property to stresses or pressures that will endanger it.

6.16 Record Documents:

The CONTRACTOR shall maintain in a safe place at the site one record copy of all Drawings, Specifications, Addenda, Directives, Change Orders, Supplemental Agreements, and written interpretations and clarifications (issued pursuant to paragraph 3.6) in good order and annotated to show all changes made during construction. These record documents together with all Approved samples and a counterpart of all Approved Shop Drawings will be available to the Contracting Officer for reference and copying. Upon completion of the Work, the annotated record documents, samples and Shop Drawings will be delivered to the Contracting Officer. Record documents shall accurately record variations in the Work which vary from requirements shown or indicated in the Contract Documents.

6.17 Safety and Protection:

The CONTRACTOR alone shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. The CONTRACTOR shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:

- 6.17.1 All employees on the Work and other persons and organizations who may be affected thereby;
- 6.17.2 All the Work and materials and equipment to be incorporated therein, whether in storage on or off the site; and
- 6.17.3 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.

The CONTRACTOR shall comply with all applicable Regulatory Requirements of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss; and shall erect and maintain all necessary safeguards for such safety and protection. The CONTRACTOR shall notify owners of adjacent property and utility owners when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation and replacement of their property. All damage, injury or loss to any property caused, directly or indirectly, in whole or in part, by the CONTRACTOR, any Subcontractor, Supplier or any other person or organization directly or indirectly employed by any of them to perform or furnish any of the Work or anyone for whose acts any of them may be liable, shall be remedied by the CONTRACTOR with no change in Contract Price or Contract Time except as stated in 4.6, except damage or loss attributable to unforeseeable causes beyond the control of and without the fault or negligence of the CONTRACTOR, including but not restricted to acts of God, of the public enemy or governmental authorities.

The CONTRACTOR's duties and responsibilities for the safety and protection of the Work shall continue until Final Acceptance (except as otherwise expressly provided in connection with Substantial Completion).

6.18 Safety Representative:

The CONTRACTOR shall designate a responsible safety representative at the site. This person shall be the CONTRACTOR's superintendent unless otherwise designated in writing by the CONTRACTOR to the Contracting Officer.

6.19 Emergencies:

In emergencies affecting the safety or protection of persons or the Work or property at the site or adjacent thereto, the CONTRACTOR, without special instruction or authorization from the DEPARTMENT, is obligated to act to prevent threatened damage, injury or loss. The CONTRACTOR shall give the Contracting Officer prompt written notice if the CONTRACTOR believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby. If the DEPARTMENT determines that a change in the Contract Documents is required because of the action taken in response to an emergency, a change will be authorized by one of the methods indicated in Paragraph 9.2, as determined appropriate by the Contracting Officer.

6.20 Shop Drawings and Samples:

- 6.20.1 After checking and verifying all field measurements and after complying with applicable procedures specified in the General Requirements, the CONTRACTOR shall submit to the Contracting Officer for review and Approval in accordance with the accepted schedule of Shop Drawing submissions the required number of all Shop Drawings, which will bear a stamp or specific written indication that the CONTRACTOR has satisfied CONTRACTOR's responsibilities under the Contract Documents with respect to the review of the submission. All submissions will be identified as the Contracting Officer may require. The data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials and similar data to enable the Contracting Officer to review the information as required.
- 6.20.2 The CONTRACTOR shall also submit to the Contracting Officer for review and Approval with such promptness as to cause no delay in Work, all samples required by the Contract Documents. All samples will have been checked by and accompanied by a specific written indication that the CONTRACTOR has satisfied CONTRACTOR's responsibilities under the Contract Documents with respect to the review of the submission and will be identified clearly as to material, Supplier, pertinent data such as catalog numbers and the use for which intended.
- 6.20.3 Before submission of each Shop Drawing or sample the CONTRACTOR shall have determined and verified all quantities, dimensions, specified performance criteria, installation requirements, materials, catalog numbers and similar data with respect thereto and reviewed or coordinated each Shop Drawing or sample with other Shop Drawings and samples and with the requirements of the Work and the Contract Documents.
- 6.20.4 At the time of each submission the CONTRACTOR shall give the Contracting Officer specific written notice of each variation that the Shop Drawings or samples may have from the requirements of the Contract Documents, and, in addition, shall cause a specific notation to be made on each Shop Drawing submitted to the Contracting Officer for review and Approval of each such variation. All variations of the proposed Shop Drawing from that specified will be identified in the submission and available maintenance, repair and replacement service will be indicated. The submittal will also contain an itemized estimate of all costs that will result directly or indirectly from acceptance of such variation, including costs of redesign and claims of other Contractors affected by the resulting change, all of which shall be considered by the DEPARTMENT in evaluating the proposed variation. If the variation may result in a change of Contract Time or Price, or Contract responsibility, and is not minor in nature; the CONTRACTOR must submit a written request for Change Order with the variation to notify the DEPARTMENT of his intent. The DEPARTMENT may require the CONTRACTOR to furnish at the CONTRACTOR's expense additional data about the proposed variation. The Contracting Officer may reject any variation request which the Contracting Officer determines is not in the best interest of the DEPARTMENT.

6.21 Shop Drawing and Sample Review:

- 6.21.1 The Contracting Officer will review with reasonable promptness Shop Drawings and samples, but the Contracting Officer's review will be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents and shall not extend to means, methods, techniques, sequences or procedures of construction (except where a specific means, method, technique, sequence or procedure of construction is indicated in or required by the Contract Documents) or to safety precautions or programs incident thereto. The review of a separate item as such will not indicate acceptance of the assembly in which the item functions. The CONTRACTOR shall make corrections required by the Contracting Officer and shall return the required number of corrected copies of Shop Drawings and submit as required new samples for review. The CONTRACTOR shall direct specific attention in writing to revisions other than the corrections called for by the Contracting Officer on previous submittals.
- 6.21.2 The Contracting Officer's review of Shop Drawings or samples shall not relieve CONTRACTOR from responsibility for any variation from the requirements of the Contract Documents unless the CONTRACTOR has in writing advised the Contracting Officer of each such variation at the time of submission as required by paragraph 6.20.4. The Contracting Officer if he so determines, may give written Approval of each such variation by Change Order, except that, if the variation is minor and no Change Order has been requested a specific written notation thereof incorporated in or accompanying the Shop Drawing or sample review comments shall suffice as a modification. Approval by the Contracting Officer will not relieve the CONTRACTOR from responsibility for errors or omissions in the Shop Drawings or from responsibility for having complied with the provisions of paragraph 6.20.3.
- 6.21.3 The DEPARTMENT shall be responsible for all DEPARTMENT review costs resulting from the initial submission and the resubmittal. The CONTRACTOR shall, at the discretion of the Contracting Agency, pay all review costs incurred by the DEPARTMENT as a result of any additional re-submittals.
- 6.21.4 Where a Shop Drawing or sample is required by the Specifications, any related Work performed prior to the Contracting Officer's review and Approval of the pertinent submission will be the sole expense and responsibility of the CONTRACTOR.

6.22 Maintenance During Construction:

The CONTRACTOR shall maintain the Work during construction and until Substantial Completion, at which time the responsibility for maintenance shall be established in accordance with paragraph 13.10.

6.23 Continuing the Work:

The CONTRACTOR shall carry on the Work and adhere to the progress schedule during all disputes or disagreements with the DEPARTMENT. No Work shall be delayed or postponed pending resolution of any disputes, disagreements, or claims except as the CONTRACTOR and the Contracting Officer may otherwise agree in writing.

6.24 Consent to Assignment:

The CONTRACTOR shall obtain the prior written consent of the Contracting Officer to any proposed assignment of any interest in, or part of this Contract. The consent to any assignment or transfer shall not operate to relieve the CONTRACTOR or his Sureties of any of his or its obligations under this Contract or the Performance Bonds. Nothing herein contained shall be construed to hinder, prevent, or affect an assignment of monies due, or to become due hereunder, made for the benefit of the CONTRACTOR's creditors pursuant to law.

6.25 Use of Explosives:

- 6.25.1 When the use of explosives is necessary for the prosecution of the Work, the CONTRACTOR shall exercise the utmost care not to endanger life or property, including new Work and shall follow all Regulatory Requirements applicable to the use of explosives. The CONTRACTOR shall be responsible for all damage resulting from the use of explosives.

- 6.25.2 All explosives shall be stored in a secure manner in compliance with all Regulatory Requirements, and all such storage places shall be clearly marked. Where no Regulatory Requirements apply, safe storage shall be provided not closer than 1,000 feet from any building, camping area, or place of human occupancy.
- 6.25.3 The CONTRACTOR shall notify each public utility owner having structures in proximity to the site of his intention to use explosives. Such notice shall be given sufficiently in advance to enable utility owners to take such steps as they may deem necessary to protect their property from injury. However, the CONTRACTOR shall be responsible for all damage resulting from the use of the explosives, whether or not, utility owners act to protect their property.
- 6.26 CONTRACTOR's Records:**
- 6.26.1 Records of the CONTRACTOR and Subcontractors relating to personnel, payrolls, invoices of materials, and any and all other data relevant to the performance of this Contract, must be kept on a generally recognized accounting system. Such records must be available during normal work hours to the Contracting Officer for purposes of investigation to ascertain compliance with Regulatory Requirements and provisions of the Contract Documents.
- 6.26.2 Payroll records must contain the name and address of each employee, his correct classification, rate of pay, daily and weekly number of hours of work, deductions made, and actual wages paid. The CONTRACTOR and Subcontractors shall make employment records available for inspection by the Contracting Officer and representatives of the U.S. and/or State Department of Labor and will permit such representatives to interview employees during working hours on the Project.
- 6.26.3 Records of all communications between the DEPARTMENT and the CONTRACTOR and other parties, where such communications affected performance of this Contract, must be kept by the CONTRACTOR and maintained for a period of three years from Final Acceptance. The DEPARTMENT or its assigned representative may perform an audit of these records during normal work hours after written notice to the CONTRACTOR.

ARTICLE 7 - LAWS AND REGULATIONS

7.1 Laws to be Observed

The CONTRACTOR shall keep fully informed of all federal and state Regulatory Requirements and all orders and decrees of bodies or tribunals having any jurisdiction or authority, which in any manner affect those engaged or employed on the Work, or which in any way affect the conduct of the Work. The CONTRACTOR shall at all times observe and comply with all such Regulatory Requirements, orders and decrees; and shall protect and indemnify the DEPARTMENT and its representatives against claim or liability arising from or based on the violation of any such Regulatory Requirement, order, or decree whether by the CONTRACTOR, Subcontractor, or any employee of either. Except where otherwise expressly required by applicable Regulatory Requirements, the DEPARTMENT shall not be responsible for monitoring CONTRACTOR's compliance with any Regulatory Requirements.

7.2 Permits, Licenses, and Taxes

- 7.2.1 The CONTRACTOR shall procure all permits and licenses, pay all charges, fees and taxes, and give all notices necessary and incidental to the due and lawful prosecution of the Work. As a condition of performance of this Contract, the CONTRACTOR shall pay all federal, state and local taxes incurred by the CONTRACTOR, in the performance of this Contract. Proof of payment of these taxes is a condition precedent to final payment by the DEPARTMENT under this Contract.
- 7.2.2 The CONTRACTOR's certification that taxes have been paid (as contained in the *Release of Contract*) will be verified with the Department of Revenue and Department of Labor, prior to final payment.
- 7.2.3 If any federal, state or local tax is imposed, charged, or repealed after the date of bid opening and is made applicable to and paid by the CONTRACTOR on the articles or supplies herein contracted for, then the Contract shall be increased or decreased accordingly by a Change Order.

7.3 Patented Devices, Materials and Processes

If the CONTRACTOR employs any design, device, material, or process covered by letters of patent, trademark or copyright, the CONTRACTOR shall provide for such use by suitable legal agreement with the patentee or owner. The CONTRACTOR and the Surety shall indemnify and save harmless the DEPARTMENT, any affected third party, or political subdivision from any and all claims for infringement by reason of the use of any such patented design, device, material or process, or any trademark or copyright, and shall indemnify the DEPARTMENT for any costs, expenses, and damages which it may be obliged to pay by reason of any infringement, at any time during the prosecution or after the completion of the Work.

7.4 Compliance of Specifications and Drawings:

If the CONTRACTOR observes that the Specifications and Drawings supplied by the DEPARTMENT are at variance with any Regulatory Requirements, CONTRACTOR shall give the Contracting Officer prompt written notice thereof, and any necessary changes will be authorized by one of the methods indicated in paragraph 9.2. as determined appropriate by the Contracting Officer. If the CONTRACTOR performs any Work knowing or having reason to know that it is contrary to such Regulatory Requirements, and without such notice to the Contracting Officer, the CONTRACTOR shall bear all costs arising therefrom; however, it shall not be the CONTRACTOR's primary responsibility to make certain that the Specifications and Drawings supplied by the DEPARTMENT are in accordance with such Regulatory Requirements.

7.5 Accident Prevention:

The CONTRACTOR shall comply with AS 18.60.075 and all pertinent provisions of the Construction Code Occupational Safety and Health Standards issued by the Alaska Department of Labor.

7.6 Sanitary Provisions:

The CONTRACTOR shall provide and maintain in a neat and sanitary condition such accommodations for the use of his employees and DEPARTMENT representatives as may be necessary to comply with the requirements of the State and local Boards of Health, or of other bodies or tribunals having jurisdiction.

7.7 Business Registration:

Comply with AS 08.18.011, as follows: "it is unlawful for a person to submit a bid or work as a contractor until he has been issued a certificate of registration by the Department of Commerce. A partnership or joint venture shall be considered registered if one of the general partners or venturers whose name appears in the name under which the partnership or venture does business is registered."

7.8 Professional Registration and Certification:

All craft trades, architects, engineers and land surveyors, electrical administrators, and explosive handlers employed under the Contract shall specifically comply with applicable provisions of AS 08.18, 08.48, 08.40, and 08.52. Provide copies of individual licenses within seven days following a request from the Contracting Officer.

7.9 Local Building Codes:

The CONTRACTOR shall comply with AS 35.10.025 which requires construction in accordance with applicable local building codes to include the obtaining of required permits.

7.10 Air Quality Control:

The CONTRACTOR shall comply with all applicable provisions of AS 46.03.04 as pertains to Air Pollution Control.

7.11 Archaeological or Paleontological Discoveries:

When the CONTRACTOR's operation encounters prehistoric artifacts, burials, remains of dwelling sites, or paleontological remains, such as shell heaps, land or sea mammal bones or tusks, the CONTRACTOR shall

cease operations immediately and notify the Contracting Officer. No artifacts or specimens shall be further disturbed or removed from the ground and no further operations shall be performed at the site until so directed. Should the Contracting Officer order suspension of the CONTRACTOR's operations in order to protect an archaeological or historical finding, or order the CONTRACTOR to perform extra Work, such shall be covered by an appropriate Contract change document.

7.12 Applicable Alaska Preferences:

- 7.12.1 In determining the low bidder for State funded projects, a 5% bid preference has been given to "Alaska bidders", as required under AS 36.30.170. "Alaska bidder" means a person who:
- (1) holds a current Alaska business license;
 - (2) submits a bid for goods, services, or construction under the name as appearing on the person's current Alaska business license
 - (3) has maintained a place of business within the state staffed by the bidder or an employee of the bidder for a period of six months immediately preceding the date of the bid;
 - (4) is incorporated or qualified to do business under the laws of the state, is a sole proprietorship, and the proprietor is a resident of the state or is a partnership, and all partners are residents of the state; and
 - (5) if a joint venture, is composed entirely of ventures that qualify under (1) through (4), above.
- 7.12.2 In determining the low bidder for State funded projects, a 5% bid preference has been given to "Alaska Veteran bidders", as required under AS 36.30.175 for Alaska veteran-owned businesses. To qualify for the Veterans Preference (per AS 36.30.175), the bidder must:
- (1) Qualify for the Alaska Bidder's Preference
 - (2) Add value by actually performing the services or have prior experience in selling the supplies
 - (3) Qualify as an Alaska Veteran
 - (4) The value of the preference cannot exceed \$5,000.
- 7.12.3 In determining the low bidder for State funded projects, an "Alaska products" preference has been given as required under AS 36.30.326 - 36.30.332, when the bid documents designate the use of Alaska products. If the successful Bidder/CONTRACTOR proposes to use an Alaska product and does not do so, a penalty will be assessed against the successful Bidder/CONTRACTOR in an amount equal to the product preference percentage granted to the successful Bidder/CONTRACTOR plus one percent multiplied by the total declared value of the Alaska products proposed but not used.
- 7.12.4 Pursuant to AS 36.15.050 and AS 36.30.322, "agricultural/wood" 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, when such products are not utilized, the CONTRACTOR shall document the efforts he made towards obtaining agricultural/wood products harvested in Alaska and include in this documentation a written statement that he 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's use of agricultural/wood products that fail to meet the requirements of this section shall be subject to the provisions of paragraphs 12.6 through 12.9 relating to Defective Work.
- 7.12.5 The CONTRACTOR shall maintain records, in a format acceptable to the Contracting Officer, which establish the type and extent of "agricultural/wood" and "Alaska" products utilized. All record keeping and documentation associated with the requirements 7.12.2 and 7.12.3 of this paragraph, must be provided to the DEPARTMENT upon written request or as otherwise provided within the Contract Documents.

7.13 Preferential Employment:

The CONTRACTOR shall comply with all applicable and valid laws and regulations regarding the hiring of Alaska residents now in effect or that might subsequently take effect during the term of this Contract. In order to ensure that CONTRACTOR's Subcontractors will comply with all applicable laws and regulations regarding the hiring of Alaska residents now in effect or that might subsequently take effect, the CONTRACTOR shall

include in its contracts with Subcontractors under this Contract language that is substantially the same as the first sentence of this provision.

7.14 Wages and Hours of Labor:

7.14.1 One certified copy of all payrolls shall be submitted weekly to the State Department of Labor and, upon request, to the Contracting Officer to assure to assure compliance with AS 36.05.040, *Filing Schedule of Employees Wages Paid and Other Information*. The CONTRACTOR shall be responsible for the submission of certified copies of payrolls of all Subcontractors. The certification shall affirm that the payrolls are current and complete, that the wage rates contained therein are not less than the applicable rates referenced in these Contract Documents, and that the classification set forth for each laborer or mechanic conforms with the Work he performed. The CONTRACTOR and his Subcontractors shall attend all hearings and conferences and produce such books, papers, and documents all as requested by the Department of Labor. Should federal funds be involved, the appropriate federal agency shall also receive a copy of the CONTRACTOR's certified payrolls.

7.14.2 The following labor provisions shall also apply to this Contract:

- a. The CONTRACTOR and his Subcontractors shall pay all employees unconditionally and not less than once a week;
- b. wages may not be less than those stated under AS 36.05.010, regardless of the contractual relationship between the CONTRACTOR or Subcontractors and laborers, mechanics, or field surveyors;
- c. the scale of wages to be paid shall be posted by the CONTRACTOR in a prominent and easily accessible place at the site of the Work;
- d. the DEPARTMENT shall withhold so much of the accrued payments as is necessary to pay to laborers, mechanics, or field surveyors employed by the CONTRACTOR or Subcontractors the difference between
 1. The rates of wages required by the Contract to be paid laborers, mechanics, or field surveyors on the Work, and
 2. The rates of wages in fact received by laborers, mechanics or field surveyors.

7.15 Overtime Work Hours and Compensation:

Pursuant to 40 U.S.C. 327-330 and AS 23.10.060 - .110, the CONTRACTOR shall not require nor permit any laborer or mechanic in any workweek in which he is employed on any Work under this Contract to work in excess of eight hours in any Calendar Day or in excess of forty hours in such workweek on Work subject to the provisions of the *Contract Work Hours and Safety Standards Act* unless such laborer or mechanic receives compensation at a rate not less than one and one half times his basic rate of pay for all such hours worked in excess of eight hours in any Calendar Day or in excess of forty hours in such workweek whichever is the greater number of overtime hours. In the event of any violation of this provision, the CONTRACTOR shall be liable to any affected employee for any amounts due and penalties and to the DEPARTMENT for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic employed in violation of this provision in the sum of \$10.00 for each Calendar Day on which such employee was required or permitted to be employed on such Work in excess of eight hours or in excess of the standard workweek of forty hours without payment of the overtime wages required by this paragraph.

7.16 Covenant Against Contingent Fees:

The CONTRACTOR warrants that no person or selling agent has been employed or retained to solicit or secure this Contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the CONTRACTOR for the purpose of securing business. For breach or violation of this warrant, the DEPARTMENT shall have the right to annul this Contract without liability or, in its discretion, to deduct price of consideration from the Contract or otherwise recover the full amount of such commission, percentage, brokerage, or contingent fee.

7.17 Officials Not to Benefit:

No member of or delegate to the U.S. Congress, the Alaska State Legislature or other state official shall be admitted to any share or part of this Contract, nor to any benefit that may arise there from. However, this provision shall not be construed to extend to this Contract if made with a corporation for its general benefit.

7.18 Personal Liability of Public Officials:

In carrying out any of the provisions thereof, or in exercising any power or authority granted to the Contracting Officer by the Contract, there will be no liability upon the Contracting Officer nor upon state employees authorized as his representatives, either personally or as officials of the State of Alaska, it being always understood that in such matters they act as agents and representatives of the DEPARTMENT.

ARTICLE 8 - OTHER WORK

8.1 Related Work at Site:

8.1.1 The DEPARTMENT reserves the right at any time to contract for and perform other or additional work on or near the Work covered by the Contract.

8.1.2 When separate contracts are let within the limits of the Project, the CONTRACTOR shall conduct his Work so as not to interfere with or hinder the work being performed by other contractors. The CONTRACTOR when working on the same Project with other contractors shall cooperate with such other contractors. The CONTRACTOR shall join his Work with that of the others in an acceptable manner and shall perform it in proper sequence to that of others.

8.1.3 If the fact that other such work is to be performed is identified or shown in the Contract Documents the CONTRACTOR shall assume all liability, financial or otherwise, in connection with this Contract and indemnify and save harmless the DEPARTMENT from any and all damages or claims that may arise because of inconvenience, delay, or loss experienced by the CONTRACTOR because of the presence and operations of other contractors.

8.1.4 If the fact that such other work is to be performed was not identified or shown in the Contract Documents, written notice thereof will be given to the CONTRACTOR prior to starting any such other work. If the CONTRACTOR believes that such performance will require an increase in Contract Price or Contract Time, the CONTRACTOR shall notify the Contracting Officer of such required increase within fifteen (15) calendar days following receipt of the Contracting Officer's notice. Should the Contracting Officer find such increase(s) to be justified, a Change Order will be executed.

8.2 Access, Cutting, and Patching:

The CONTRACTOR shall afford each utility owner and any other contractor who is a party to such a direct contract with the DEPARTMENT (or the DEPARTMENT, if the DEPARTMENT is performing the additional work with the DEPARTMENT's employees) proper and safe access to the site and a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such work, and shall properly connect and coordinate the Work with the work of others. The CONTRACTOR shall do all cutting, fitting and patching of the Work that may be required to make its several parts come together properly and integrate with such other work, the CONTRACTOR shall not endanger any work of others by cutting, excavating or otherwise altering their work and will only cut or alter such other work with the written consent of the Contracting Officer. The duties and responsibilities of the CONTRACTOR under this paragraph are for the benefit of other contractors to the extent that there are comparable provisions for the benefit of the CONTRACTOR in said direct contracts between the DEPARTMENT and other contractors.

8.3 Defective Work by Others:

If any part of the CONTRACTOR's Work depends for proper execution or results upon the work of any such other contractor, utility owner, or the DEPARTMENT, the CONTRACTOR shall inspect and promptly report to the Contracting Officer in writing any delays, defects or deficiencies in such work that render it unavailable or unsuitable for such proper execution and results. The CONTRACTOR's failure to so report will constitute

an acceptance of the other work as fit and proper for integration with CONTRACTOR's Work except for latent or nonapparent defects and deficiencies in the other work.

8.4 Coordination:

If the DEPARTMENT contracts with others for the performance of other work at the site, Contracting Officer will have authority and responsibility for coordination of the activities among the various prime contractors.

ARTICLE 9 - CHANGES

9.1 DEPARTMENT's Right to Change

Without invalidating the Contract and without notice to any Surety, the DEPARTMENT may, at any time or from time to time, order additions, deletions or revisions in the Work within the general scope of the Contract, including but not limited to changes:

- 9.1.1 In the Contract Documents;
- 9.1.2 In the method or manner of performance of the Work;
- 9.1.3 In State-furnished facilities, equipment, materials, services, or site;
- 9.1.4 Directing acceleration in the performance of the Work.

9.2 Authorization of Changes within the General Scope.

Additions, deletions, or revisions in the Work within the general scope of the Contract as specified in 9.1 shall be authorized by one or more of following ways:

- 9.2.1 Directive (pursuant to paragraph 9.3)
- 9.2.2 A Change Order (pursuant to paragraph 9.4)
- 9.2.3 DEPARTMENT's acceptance of Shop Drawing variations from the Contract Documents as specifically identified by the CONTRACTOR as required by paragraph 6.20.4.

9.3 Directive

- 9.3.1 The Contracting Officer shall provide written clarification or interpretation of the Contract Documents (pursuant to paragraph 3.6).
- 9.3.2 The Contracting Officer may authorize minor variations in the Work from the requirements of the Contract Documents which do not involve an adjustment in the Contract Price or the Contract Time and are consistent with the overall intent of the Contract Documents.
- 9.3.3 The Contracting Officer may order the Contractor to correct Defective Work or methods which are not in conformance with the Contract Documents.
- 9.3.4 The Contracting Officer may direct the commencement or suspension of Work or emergency related Work (as provided in paragraph 6.19).
- 9.3.5 Upon the issuance of a Directive to the CONTRACTOR by the Contracting Officer, the CONTRACTOR shall proceed with the performance of the Work as prescribed by such Directive.
- 9.3.6 If the CONTRACTOR believes that the changes noted in a Directive may cause an increase in the Contract Price or an extension of Contract Time, the CONTRACTOR shall immediately provide written notice to the Contracting Officer depicting such increases before proceeding with the Directive, except in the case of an emergency. If the Contracting Officer finds the increase in Contract Price or the extension of Contract Time justified, a Change Order will be issued. If however, the Contracting Officer does not find that a Change Order is justified, the Contracting Officer may direct the CONTRACTOR to proceed with the Work. The CONTRACTOR shall cooperate with the Contracting Officer in keeping complete daily

records of the cost of such Work. If a Change Order is ultimately determined to be justified, in the absence of agreed prices and unit prices, payment for such Work will be made on a "cost of the work basis" as provided in 10.4

9.4 Change Order

A change in Contract Time, Contract Price, or responsibility may be made for changes within the scope of the Work only by Change Order. Upon receipt of an executed Change Order, the CONTRACTOR shall promptly proceed with the Work involved which will be performed under the applicable conditions of the Contract Documents except as otherwise specifically provided. Changes in Contract Price and Contract Time shall be made in accordance with Articles 10 and 11.

9.5 Shop Drawing Variations

Variations by shop drawings shall only be eligible for consideration under 9.4 when the conditions affecting the price, time, or responsibility are identified by the CONTRACTOR in writing and a request for a Change Order is submitted as per 6.20.4.

9.6 Changes Outside the General Scope; Supplemental Agreement

Any change which is outside the general scope of the Contract, as determined by the Contracting Officer, must be authorized by a Supplemental Agreement signed by the appropriate representatives of the DEPARTMENT and the CONTRACTOR.

9.7 Unauthorized Work:

The CONTRACTOR shall not be entitled to an increase in the Contract Price or an extension of the Contract Time with respect to any work performed that is not required by the Contract Documents as amended, modified and supplemented as provided in this Article 9, except in the case of an emergency as provided in paragraph 6.19 and except in the case of uncovering Work as provided in paragraph 12.4.2.

9.8 Notification of Surety:

If notice of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Time) is required by the provisions of any bond to be given to a Surety, the giving of any such notice will be the CONTRACTOR's responsibility, and the amount of each applicable bond will be adjusted accordingly.

9.9 Differing Site Conditions:

9.9.1 The CONTRACTOR shall promptly, and before such conditions are disturbed (except in an emergency as permitted by paragraph 6.19), notify the Contracting Officer in writing of: (1) subsurface or latent physical conditions at the site differing materially from those indicated in the Contract, and which could not have been discovered by a careful examination of the site, or (2) unknown physical conditions at the site, of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in this Contract. The Contracting Officer shall promptly investigate the conditions, and if the Contracting Officer finds that such conditions do materially so differ and cause an increase or decrease in the CONTRACTOR's cost of, or time required for, performance of this Contract, an equitable adjustment shall be made and the Contract modified in writing accordingly.

9.9.2 Any claim for additional compensation by the CONTRACTOR under this clause shall be made in accordance with Article 15. In the event that the Contracting Officer and the CONTRACTOR are unable to reach an agreement concerning an alleged differing site condition, the CONTRACTOR will be required to keep an accurate and detailed record which will indicate the actual "cost of the work" done under the alleged differing site condition. Failure to keep such a record shall be a bar to any recovery by reason of such alleged differing site conditions. The Contracting Officer shall be given the opportunity to supervise and check the keeping of such records.

ARTICLE 10 - CONTRACT PRICE; COMPUTATION AND CHANGE

10.1 Contract Price:

The Contract Price constitutes the total compensation (subject to authorized adjustments) payable to the CONTRACTOR for performing the Work. All duties, responsibilities and obligations assigned to or undertaken by the CONTRACTOR shall be at his expense without change in the Contract Price. The Contract Price may only be changed by a Change Order or Supplemental Agreement.

10.2 Claim for Price Change:

Any claim for an increase or decrease in the Contract Price shall be submitted in accordance with the terms of Article 15, and shall not be allowed unless notice requirements of this Contract have been met.

10.3 Change Order Price Determination:

The value of any Work covered by a Change Order for an increase or decrease in the Contract Price shall be determined in one of the following ways:

- 10.3.1 Where the Work involved is covered by unit prices contained in the Contract Documents, by application of unit prices to the quantities of the items involved (subject to the provisions of subparagraphs 10.9.1 through 10.9.3, inclusive).
- 10.3.2 By mutual acceptance of a lump sum price which includes overhead and profit.
- 10.3.3 When 10.3.1 and 10.3.2 are inapplicable, on the basis of the "cost of the work" (determined as provided in paragraphs 10.4 and 10.5) plus a CONTRACTOR's fee for overhead and profit (determined as provided in paragraph 10.6).
- 10.3.4 Before a Change Order or Supplemental Agreement is Approved, the CONTRACTOR shall submit cost or pricing data regarding the changed or extra Work. The CONTRACTOR shall certify that the data submitted is, to his best knowledge and belief, accurate, complete and current as of a mutually determined specified date and that such data will continue to be accurate and complete during the performance of the changed or extra Work.

10.4 Cost of the Work:

The term "cost of the work" means the sum of all costs necessarily incurred and paid by the CONTRACTOR in the proper performance of the Work. Except as otherwise may be agreed to in writing by the DEPARTMENT, such costs shall be in amount no higher than those prevailing in the locality of the Project, shall include only the following items and shall not include any of the costs itemized in subparagraph 10.5:

- 10.4.1 Payroll costs for employees in the direct employ of the CONTRACTOR in the performance of the Work under schedules of job classifications agreed upon by the DEPARTMENT and the CONTRACTOR. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include, but not be limited to, salaries and wages plus the cost of fringe benefits which shall include social security contributions, unemployment, excise and payroll taxes, workers' or workmen's compensation, health and retirement benefits, bonuses, sick leave, vacation and holiday pay applicable thereto. Such employees shall include superintendents and foremen at the site. The expenses of performing Work after regular working hours, on Saturday, Sunday or legal holidays, shall be included in the above to the extent authorized by the DEPARTMENT.
- 10.4.2 Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts shall accrue to the CONTRACTOR unless the DEPARTMENT deposits funds with the CONTRACTOR with which to make payments, in which case the cash discounts shall accrue to the DEPARTMENT. All trade discounts, rebates and refunds and all returns from sale of surplus materials and equipment shall accrue to the DEPARTMENT, and the CONTRACTOR shall make provisions so that they may be obtained.

- 10.4.3 Payments made by the CONTRACTOR to Subcontractors for Work performed by Subcontractors. If required by the DEPARTMENT, CONTRACTOR shall obtain competitive quotes from Subcontractors or Suppliers acceptable to the CONTRACTOR and shall deliver such quotes to the DEPARTMENT who will then determine which quotes will be accepted. If a subcontract provides that the Subcontractor is to be paid on the basis of "cost of the work" plus a fee, the Subcontractor's "cost of the work" shall be determined in the same manner as the CONTRACTOR's "cost of work" as described in paragraphs 10.4 through 10.5; and the Subcontractor's fee shall be established as provided for under subparagraph 10.6.2 clause b. All subcontracts shall be subject to the other provisions of the Contract Documents insofar as applicable.
- 10.4.4 Costs of special consultants (including but not limited to engineers, architects, testing laboratories, and surveyors) employed for services necessary for the completion of the Work.
- 10.4.5 Supplemental costs including the following:
- a. The proportion of necessary transportation, travel and subsistence expenses of the CONTRACTOR's employees incurred in discharge of duties connected with the Work.
 - b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office and temporary facilities at the site and hand tools not owned by the workers, which are consumed in the performance of the Work, and cost less market value of such items used but not consumed which remain the property of the CONTRACTOR.
 - c. Rentals of all construction equipment and machinery and the parts thereof whether rented from the CONTRACTOR or others in accordance with rental agreements Approved by the DEPARTMENT and the costs of transportation, loading, unloading, installation, dismantling and removal thereof - all in accordance with terms of said rental agreements. The rental of any such equipment, machinery or parts shall cease when the use thereof is no longer necessary for the Work.
 - d. Sales, consumer, use or similar taxes related to the Work, and for which the CONTRACTOR is liable, imposed by Regulatory Requirements.
 - e. Deposits lost for causes other than negligence of the CONTRACTOR, any Subcontractor or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.
 - f. Losses and damages (and related expenses), not compensated by insurance or otherwise, to the Work or otherwise sustained by the CONTRACTOR in connection with the performance and furnishing of the Work provided they have resulted from causes other than the negligence of the CONTRACTOR, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and Approval of the DEPARTMENT. No such losses, damages and expenses shall be included in the "cost of the work" for the purpose of determining the CONTRACTOR's fee. If, however, any such loss or damage requires reconstruction and the CONTRACTOR is placed in charge thereof, the CONTRACTOR shall be paid for services a fee proportionate to that stated in paragraphs 10.6.2.a and 10.6.2.b.
 - g. The cost of utilities, fuel and sanitary facilities at the site.
 - h. Minor expenses such as telegrams, long distance telephone calls, telephone service at the site, expressage and similar petty cash items in connection with the Work.
 - I. Cost of premiums for additional bonds and insurance required because of changes in the Work and premiums for property insurance coverage within the limits of the deductible amounts established by the DEPARTMENT in accordance with Article 5.

10.5 Excluded Costs:

The term "cost of the work" shall not include any of the following:

- 10.5.1 Payroll costs and other compensation of CONTRACTOR's officers, executives, principals (of partnership and sole proprietorships), general managers, engineers, architects, estimators, attorneys, auditors,

accountants, purchasing and contracting agency, expeditors, timekeepers, clerks and other personnel employed by CONTRACTOR whether at the site or in CONTRACTOR's principal or a branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in paragraph 10.4.1 or specifically covered by paragraph 10.4.4 all of which are to be considered administrative costs covered by the CONTRACTOR's fee.

- 10.5.2 Expenses of CONTRACTOR's principal and branch offices other than CONTRACTOR's office at the site.
- 10.5.3 Any part of CONTRACTOR's capital expenses including interest on CONTRACTOR's capital employed for the Work and charges against CONTRACTOR for delinquent payments.
- 10.5.4 Cost of premiums for all bonds and for all insurance whether or not CONTRACTOR is required by the Contract Documents to purchase and maintain the same (except for the cost of premiums covered by subparagraph 10.4.5.i above).
- 10.5.5 Costs due to the negligence of CONTRACTOR, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of Defective Work, disposal of materials or equipment wrongly supplied and making good any damage to property.
- 10.5.6 Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in paragraph 10.4.

10.6 CONTRACTOR's Fee:

The CONTRACTOR's fee allowed to CONTRACTOR for overhead and profit shall be determined as follows.

- 10.6.1 A mutually acceptable fixed fee; or if none can be agreed upon.
- 10.6.2 A fee based on the following percentages of the various portions of the "cost of the work":
 - a. For costs incurred under paragraphs 10.4.1 and 10.4.2, the CONTRACTOR's fee shall be twenty percent;
 - b. For costs incurred under paragraph 10.4.3, the CONTRACTOR's fee shall be ten percent; and if a subcontract is on the basis of "cost of the work" plus a fee, the maximum allowable to CONTRACTOR on account of overhead and profit of all Subcontractors and multiple tiers thereof shall be fifteen percent;
 - c. No fee shall be payable on the basis of costs itemized under paragraphs 10.4.4, 10.4.5 and 10.5;
 - d. The amount of credit to be allowed by the CONTRACTOR to the DEPARTMENT for any such change which results in a net decrease in cost will be the amount of the actual net decrease plus a deduction in CONTRACTOR's fee by an amount equal to ten percent of the net decrease; and
 - e. When both additions and credits are involved in any one change, the adjustment in CONTRACTOR's fee shall be computed on the basis of the net change in accordance with paragraphs 10.6.2.a through 10.6.2.d, inclusive.

10.7 Cost Breakdown:

Whenever the cost of any Work is to be determined pursuant to paragraphs 10.4 and 10.5, the CONTRACTOR will submit in a form acceptable to the DEPARTMENT an itemized cost breakdown together with supporting data.

10.8 Cash Allowances:

It is understood that CONTRACTOR has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be done by such Subcontractors or Suppliers and for such sums within the limit of the allowances as may be acceptable to the Contracting Officer. CONTRACTOR agrees that:

- 10.8.1 The allowances include the cost to CONTRACTOR (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered at the site, and all applicable taxes; and
- 10.8.2 CONTRACTOR's cost for unloading and handling on the site, labor, installation costs, overhead, profit and other expenses contemplated for the allowances have been included in the Contract Price and not in the allowances. No demand for additional payment on account of any thereof will be valid.

Prior to final payment, an appropriate Change Order will be issued to reflect actual amounts due the CONTRACTOR on account of Work covered by allowances, and the Contract Price shall be correspondingly adjusted.

10.9 Unit Price Work:

- 10.9.1 Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the established unit prices for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Contract. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of comparison of bids and determining an initial Contract Price. Determinations of the actual quantities and classifications of Unit Price Work performed by the CONTRACTOR will be made by the DEPARTMENT in accordance with paragraph 10.10.
- 10.9.2 Each unit price will be deemed to include an amount considered by the CONTRACTOR to be adequate to cover the CONTRACTOR's overhead and profit for each separately identified item. If the "Basis of Payment" clause in the Contract Documents relating to any unit price in the bid schedule requires that the said unit price cover and be considered compensation for certain work or material essential to the item, this same work or material will not also be measured or paid for under any other pay item which may appear elsewhere in the Contract Documents.
- 10.9.3 Payment to the CONTRACTOR shall be made only for the actual quantities of Work performed and accepted or materials furnished, in conformance with the Contract Documents. When the accepted quantities of Work or materials vary from the quantities stated in the bid schedule, or change documents, the CONTRACTOR shall accept as payment in full, payment at the stated unit prices for the accepted quantities of Work and materials furnished, completed and accepted; except as provided below:
 - a. When the quantity of Work to be done or material to be furnished under any item, for which the total cost of the item exceeds 10% of the total Contract Price, is increased by more than 25 percent of the quantity stated in the bid schedule, or change documents, either party to the Contract, upon demand, shall be entitled to an equitable unit price adjustment on that portion of the Work above 125 percent of the quantity stated in the bid schedule.
 - b. When the quantity of Work to be done or material to be furnished under any major item, for which the total cost of the item exceeds 10% of the total Contract Price, is decreased by more than 25 percent of the quantity stated in the bid schedule, or change documents either party to the Contract, upon demand, shall be entitled to an equitable price adjustment for the quantity of Work performed or material furnished, limited to a total payment of not more than 75 percent of the amount originally bid for the item.

10.10 Determinations for Unit Prices:

The Contracting Officer will determine the actual quantities and classifications of Unit Price Work performed by the CONTRACTOR. The Contracting Officer will review with the CONTRACTOR preliminary determinations on such matters before finalizing the costs and quantities on the Schedule of Values. The Contracting Officer's acknowledgment thereof will be final and binding on the CONTRACTOR, unless, within 10 days after the date of any such decisions, the CONTRACTOR delivers to the Contracting Officer written notice of intention to appeal from such a decision.

10.11 Disadvantaged and Women Business Enterprises (DBE & WBE) Program:

The Contract Price shall be adjusted by such means as provided in the section entitled "Phase III - Determination of Liquidated Damages and Bonuses", DISADVANTAGED AND WOMEN BUSINESS ENTERPRISE (DBE & WBE) PROGRAM, Form 25A300.

ARTICLE 11 - CONTRACT TIME; COMPUTATION AND CHANGE

11.1 Commencement of Contract Time; Notice to Proceed:

The Contract Time will commence to run on the day indicated in the Notice to Proceed.

11.2 Starting the Work:

No Work on Contract items shall be performed before the effective date of the Notice to Proceed. The CONTRACTOR shall notify the Contracting Officer at least 24 hours in advance of the time actual construction operations will begin. The CONTRACTOR may request a limited Notice to Proceed after Award has been made, to permit him to order long lead materials which could cause delays in Project completion. However, granting is within the sole discretion of the Contracting Officer, and refusal or failure to grant a limited Notice to Proceed shall not be a basis for claiming for delay, extension of time, or alteration of price.

11.3 Computation of Contract Time:

11.3.1 When the Contract Time is specified on a Calendar Day basis, all Work under the Contract shall be completed within the number of Calendar Days specified. The count of Contract Time begins on the day following receipt of the Notice to Proceed by the CONTRACTOR, if no starting day is stipulated therein.

Calendar Days shall continue to be counted against Contract Time until and including the date of Final Completion of the Work.

11.3.2 When the Contract completion time is specified as a fixed calendar date, it shall be the date of Final Completion.

11.4 Time Change:

The Contract Time may only be changed by a Change Order or Supplemental Agreement.

11.5 Extension Due to Delays:

The right of the CONTRACTOR to proceed shall not be terminated nor the CONTRACTOR charged with liquidated or actual damages because of delays to the completion of the Work due to unforeseeable causes beyond the control and without the fault or negligence of the CONTRACTOR, including, but not restricted to the following: acts of God or of the public enemy, acts of the DEPARTMENT in its contractual capacity, acts of another contractor in the performance of a contract with the DEPARTMENT, floods, fires, epidemics, quarantine restrictions, strikes, freight embargoes, unusually severe weather and delays of Subcontractors or Suppliers due to such causes. Any delay in receipt of materials on the site, caused by other than one of the specifically mentioned occurrences above, does not of itself justify a time extension, provided that the CONTRACTOR shall within twenty four (24) hours from the beginning of any such delay (unless the Contracting Officer shall grant a further period of the time prior to the date of final settlement of the Contract), notify the Contracting Officer in writing of the cause of delay. The Contracting Officer shall ascertain the facts and the extent of the delay and extend the time for completing the Work when the findings of fact justify such an extension.

11.6 Essence of Contract:

All time limits stated in the Contract Documents are of the essence of the Contract.

11.7 Reasonable Completion Time:

It is expressly understood and agreed by and between the CONTRACTOR and the DEPARTMENT that the date of beginning and the time for Final Completion of the Work described herein are reasonable times for the completion of the Work.

11.8 Delay Damages:

Whether or not the CONTRACTOR's right to proceed with the Work is terminated, he and his Sureties shall be liable for damages resulting from his refusal or failure to complete the Work within the specified time.

Liquidated and actual damages for delay shall be paid by the CONTRACTOR or his Surety to the DEPARTMENT in the amount as specified in the Supplementary Conditions for each Calendar Day the completion of the Work or any part thereof is delayed beyond the time required by the Contract, or any extension thereof. If a listing of incidents resulting from a delay and expected to give rise to actual or liquidated damages is not established by the Contract Documents, then the CONTRACTOR and his Surety shall be liable to the DEPARTMENT for any actual damages occasioned by such delay. The CONTRACTOR acknowledges that the liquidated damages established herein are not a penalty but rather constitute an estimate of damages that the DEPARTMENT will sustain by reason of delayed completion. These liquidated and actual damages are intended as compensation for losses anticipated to arise, and include those items enumerated in the Supplementary Conditions.

These damages will continue to run both before and after termination in the event of default termination. These liquidated damages do not cover excess costs of completion or DEPARTMENT costs, fees, and charges related to reprourement. If a default termination occurs, the CONTRACTOR or his Surety shall pay in addition to these damages, all excess costs and expenses related to completion as provided by Article 14.2.5.

ARTICLE 12 - QUALITY ASSURANCE

12.1 Warranty and Guaranty:

The CONTRACTOR warrants and guarantees to the DEPARTMENT that all Work will be in accordance with the Contract Documents and will not be Defective. Prompt notice of all defects shall be given to the CONTRACTOR. All Defective Work, whether or not in place, may be rejected, corrected or accepted as provided for in this article.

12.2 Access to Work:

The DEPARTMENT and the DEPARTMENT's representatives, testing agencies and governmental agencies with jurisdiction interests will have access to the Work at reasonable times for their observation, inspecting and testing. The CONTRACTOR shall provide proper and safe conditions for such access.

12.3 Tests and Inspections:

- 12.3.1 The CONTRACTOR shall give the Contracting Officer timely notice of readiness of the Work for all required inspections, tests or Approvals.
- 12.3.2 If Regulatory Requirements of any public body having jurisdiction require any Work (or part thereof) to specifically be inspected, tested or approved, the CONTRACTOR shall assume full responsibility therefor, pay all costs in connection therewith and furnish the Contracting Officer the required certificates of inspection, testing or approval. The CONTRACTOR shall also be responsible for and shall pay all costs in connection with any inspection or testing required in connection with DEPARTMENT's acceptance of a Supplier of materials or equipment proposed to be incorporated in the Work, or of materials or equipment submitted for Approval prior to the CONTRACTOR's purchase thereof for incorporation in the Work. The cost of all inspections, tests and approvals in addition to the above which are required by the Contract Documents shall be paid by the CONTRACTOR. The DEPARTMENT may perform additional tests and inspections which it deems necessary to insure quality control. All such failed tests or inspections shall be at the CONTRACTOR's expense.
- 12.3.4 If any Work (including the work of others) that is to be inspected, tested or Approved is covered without written concurrence of the Contracting Officer, it must, if requested by the Contracting Officer, be uncovered for observation. Such uncovering shall be at the CONTRACTOR's expense unless the CONTRACTOR has given the Contracting Officer timely notice of CONTRACTOR's intention to cover the same and the Contracting Officer has not acted with reasonable promptness in response to such notice.

12.3.5 Neither observations nor inspections, tests or Approvals by the DEPARTMENT or others shall relieve the CONTRACTOR from the CONTRACTOR's obligations to perform the Work in accordance with the Contract Documents.

12.4 Uncovering Work:

12.4.1 If any Work is covered contrary to the written request of the Contracting Officer, it must, if requested by the Contracting Officer, be uncovered for the Contracting Officer's observation and replaced at the CONTRACTOR's expense.

12.4.2 If the Contracting Officer considers it necessary or advisable that covered Work be observed inspected or tested, the CONTRACTOR, at the Contracting Officer's request, shall uncover, expose or otherwise make available for observation, inspection or testing as the Contracting Officer may require, that portion of the Work in question, furnishing all necessary labor, material and equipment. If it is found that such Work is Defective, the CONTRACTOR shall bear all direct, indirect and consequential costs of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction, (including but not limited to fees and charges of engineers, architects, attorneys and other professionals) and the DEPARTMENT shall be entitled to an appropriate decrease in the Contract Price. If, however, such Work is not found to be Defective, the CONTRACTOR shall be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to such uncovering, exposure, observation, inspection, testing and reconstruction.

12.5 DEPARTMENT May Stop the Work:

If the Work is Defective, or the CONTRACTOR fails to supply suitable materials or equipment, or fails to furnish or perform the Work in such a way that the completed Work will conform to the Contract Documents, the Contracting Officer 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 Contracting Officer to stop the Work shall not give rise to any duty on the part of the Contracting Officer to exercise this right for the benefit of the CONTRACTOR or any other party.

12.6 Correction or Removal of Defective Work:

If required by the Contracting Officer, the CONTRACTOR shall promptly, as directed, either correct all Defective Work, whether or not fabricated, installed or completed, or, if the Work has been rejected by the Contracting Officer, remove it from the site and replace it with Work which conforms to the requirements of the Contract Documents. The CONTRACTOR shall bear all direct, indirect and consequential costs of such correction or removal (including but not limited to fees and charges of engineers, architects, attorneys and other professionals) made necessary thereby.

12.7 One Year Correction Period:

If within one year after the date of Final Completion or such longer period of time as may be prescribed by Regulatory Requirements or by the terms of any applicable special guarantee required by the Contract Documents or by any specific provision of the Contract Documents, any Work is found to be Defective, the CONTRACTOR shall promptly, without cost to the DEPARTMENT and in accordance with the Contracting Officer's written instructions, either correct such Defective Work, or, if it has been rejected by the Contracting Officer, remove it from the site and replace it with conforming Work. If the CONTRACTOR does not promptly comply with the terms of such instructions, or in an emergency where delay would cause serious risk of loss or damage, the DEPARTMENT may have the Defective Work corrected or the rejected Work removed and replaced, and all direct, indirect and consequential costs of such removal and replacement (including but not limited to fees and charges of engineers, architects, attorneys and other professionals) will be paid by the CONTRACTOR. In special circumstances where a particular item of equipment is placed in continuous service for the benefit of the DEPARTMENT before Substantial Completion of all the Work, the correction period for that item may begin on an earlier date if so provided in the Specifications or by Change Order. Provisions of this paragraph are not intended to shorten the statute of limitations for bringing an action.

12.8 Acceptance of Defective Work:

Instead of requiring correction or removal and replacement of Defective Work, the Contracting Officer may accept Defective Work, the CONTRACTOR shall bear all direct, indirect and consequential costs attributable to the Contracting Officer's evaluation of and determination to accept such Defective Work (costs to include but not be limited to fees and charges of engineers, architects, attorneys and other professionals). If any such acceptance occurs prior to final payment, a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work; and the DEPARTMENT shall be entitled to an appropriate decrease in the Contract Price. If the DEPARTMENT has already made final payment to the CONTRACTOR, an appropriate amount shall be paid by the CONTRACTOR or his Surety to the DEPARTMENT.

12.9 DEPARTMENT May Correct Defective Work:

If the CONTRACTOR fails within a reasonable time after written notice from the Contracting Officer to proceed to correct Defective Work or to remove and replace rejected Work as required by the Contracting Officer in accordance with paragraph 12.6, or if the CONTRACTOR fails to perform the Work in accordance with the Contract Documents, or if the CONTRACTOR fails to comply with any other provision of the Contract Documents, the DEPARTMENT may, after 7 days' written notice to the CONTRACTOR, correct and remedy any such deficiency. In exercising the rights and remedies under this paragraph the DEPARTMENT shall proceed expeditiously. To the extent necessary to complete corrective and remedial action, the Contracting Officer may exclude the CONTRACTOR from all or part of the site, take possession of all or part of the Work, and suspend the CONTRACTOR's services related thereto, take possession of the CONTRACTOR's tools, appliances, construction equipment and machinery at the site and incorporate in the Work all materials and equipment stored at the site or approved remote storage sites or for which the DEPARTMENT has paid the CONTRACTOR but which are stored elsewhere. The CONTRACTOR shall allow the Contracting Officer and his authorized representatives such access to the site as may be necessary to enable the Contracting Officer to exercise the rights and remedies under this paragraph. All direct, indirect and consequential costs of the DEPARTMENT in exercising such rights and remedies will be charged against the CONTRACTOR, and a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work; and the DEPARTMENT shall be entitled to an appropriate decrease in the Contract Price. Such direct, indirect and consequential costs will include but not be limited to fees and charges of engineers, architects, attorneys and other professionals, all court and arbitration costs and all costs of repair and replacement of work of others destroyed or damaged by correction, removal or replacement of the CONTRACTOR's Defective Work. The CONTRACTOR shall not be allowed an extension of time because of any delay in performance of the work attributable to the exercise, by the Contracting Officer, of the DEPARTMENT's rights and remedies hereunder.

ARTICLE 13 - PAYMENTS TO CONTRACTOR AND COMPLETION

13.1 Schedule of Values:

The Schedule of Values established as provided in paragraph 6.6 will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to the Contracting Officer. Progress payments on account of Unit Price Work will be based on the number of units completed.

13.2 Preliminary Payments:

Upon approval of the Schedule of Values the CONTRACTOR may be paid for direct costs substantiated by paid invoices and other prerequisite documents required by the General Requirements. Direct costs shall include the cost of bonds, insurance, approved materials stored on the site or at approved remote storage sites, deposits required by a Supplier prior to fabricating materials, and other approved direct mobilization costs substantiated as indicated above. These payments shall be included as a part of the total Contract Price as stated in the Contract.

13.3 Application for Progress Payment:

The CONTRACTOR shall submit to the Contracting Officer for review an Application for Payment filled out and signed by the CONTRACTOR covering the Work completed as of the date of the Application for Payment and accompanied by such supporting documentation as is required by the Contract Documents. Progress

payments will be made as the Work progresses on a monthly basis or twice a month when requested by the CONTRACTOR, but only when the approved invoice exceeds \$10,000.00.

13.4 Review of Applications for Progress Payment:

Contracting Officer will either indicate in writing a recommendation of payment or return the Application for Payment to the CONTRACTOR indicating in writing the Contracting Officer's reasons for refusing to recommend payment. In the latter case, the CONTRACTOR may make the necessary corrections and resubmit the Application for Payment.

13.5 Stored Materials and Equipment:

If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the site or at another location agreed to in writing, the Application for Payment shall also be accompanied by a bill of sale, paid invoice or other documentation warranting that the DEPARTMENT has received the materials and equipment free and clear of all charges, security interests and encumbrances and evidence that the materials and equipment are covered by appropriate property insurance and other arrangements to protect the DEPARTMENT's interest therein, all of which will be satisfactory to the Contracting Officer. No payment will be made for perishable materials that could be rendered useless because of long storage periods. No progress payment will be made for living plant materials until planted.

13.6 CONTRACTOR's Warranty of Title:

The CONTRACTOR warrants and guarantees that title to all Work, materials and equipment covered by any Application for Payment, whether incorporated in the Project or not, will pass to the DEPARTMENT no later than the time of payment free and clear of any claims, liens, security interests and further obligations.

13.7 Withholding of Payments:

The DEPARTMENT may withhold or refuse payment for any of the reasons listed below provided it gives written notice of its intent to withhold and of the basis for withholding:

- 13.7.1 The Work is Defective, or completed Work has been damaged requiring correction or replacement, or has been installed without Approval of Shop Drawings, or by an unapproved Subcontractor, or for unsuitable storage of materials and equipment.
- 13.7.2 The Contract Price has been reduced by Change Order,
- 13.7.3 The DEPARTMENT has been required to correct Defective Work or complete Work in accordance with paragraph 12.9.
- 13.7.4 The DEPARTMENT's actual knowledge of the occurrence of any of the events enumerated in paragraphs 14.2.1.a through 14.2.1.k inclusive.
- 13.7.5 Claims have been made against the DEPARTMENT or against the funds held by the DEPARTMENT on account of the CONTRACTOR's actions or inactions in performing this Contract, or there are other items entitling the DEPARTMENT to a set off.
- 13.7.6 Subsequently discovered evidence or the results of subsequent inspections or test, nullify any previous payments for reasons stated in subparagraphs 13.7.1 through 13.7.5.
- 13.7.7 The CONTRACTOR has failed to fulfill or is in violation of any of his obligations under any provision of this Contract.

13.8 Retainage:

At any time the DEPARTMENT finds that satisfactory progress is not being made it may in addition to the amounts withheld under 13.7 retain a maximum amount equal to 10% of the total amount earned on all subsequent progress payments. This retainage may be released at such time as the Contracting Officer finds that satisfactory progress is being made.

13.9 Request for Release of Funds:

If the CONTRACTOR believes the basis for withholding is invalid or no longer exists, immediate written notice of the facts and Contract provisions on which the CONTRACTOR relies, shall be given to the DEPARTMENT, together with a request for release of funds and adequate documentary evidence proving that the problem has been cured. In the case of withholding which has occurred at the request of the Department of Labor, the CONTRACTOR shall provide a letter from the Department of Labor stating that withholding is no longer requested. Following such a submittal by the CONTRACTOR, the DEPARTMENT shall have a reasonable time to investigate and verify the facts and seek additional assurances before determining whether release of withheld payments is justified.

13.10 Substantial Completion:

When the CONTRACTOR considers the Work ready for its intended use the CONTRACTOR shall notify the Contracting Officer in writing that the Work or a portion of Work which has been specifically identified in the Contract Documents is substantially complete (except for items specifically listed by the CONTRACTOR as incomplete) and request that the DEPARTMENT issue a certificate of Substantial Completion. Within a reasonable time thereafter, the Contracting Officer, the CONTRACTOR and appropriate Consultant(s) shall make an inspection of the Work to determine the status of completion. If the Contracting Officer does not consider the Work substantially complete, the Contracting Officer will notify the CONTRACTOR in writing giving the reasons therefor. If the Contracting Officer considers the Work substantially complete, the Contracting Officer will within fourteen days execute and deliver to the CONTRACTOR a certificate of Substantial Completion with tentative list of items to be completed or corrected. At the time of delivery of the certificate of Substantial Completion the Contracting Officer will deliver to the CONTRACTOR a written division of responsibilities pending Final Completion with respect to security, operation, safety, maintenance, heat, utilities, insurance and warranties which shall be consistent with the terms of the Contract Documents.

The DEPARTMENT shall be responsible for all DEPARTMENT costs resulting from the initial inspection and the first re-inspection, the CONTRACTOR shall pay all costs incurred by the DEPARTMENT resulting from re-inspections, thereafter.

13.11 Access Following Substantial Completion:

The DEPARTMENT shall have the right to exclude the CONTRACTOR from the Work after the date of Substantial Completion, but the DEPARTMENT shall allow CONTRACTOR reasonable access to complete or correct items on the tentative list.

13.12 Final Inspection:

Upon written notice from the CONTRACTOR that the entire Work or an agreed portion thereof is complete, the Contracting Officer will make a final inspection with the CONTRACTOR and appropriate Consultant(s) and will notify the CONTRACTOR in writing of all particulars in which this inspection reveals that the Work is incomplete or Defective. The CONTRACTOR shall immediately take such measures as are necessary to remedy such deficiencies. The CONTRACTOR shall pay for all costs incurred by the DEPARTMENT resulting from re-inspections.

13.13 Final Completion and Application for Payment:

After the CONTRACTOR has completed all such corrections to the satisfaction of the Contracting Officer and delivered all maintenance and operating instructions, schedules, guarantees, bonds, certificates of payment to all laborers, Subcontractors and Suppliers, certificates of inspection, marked-up record documents and other documents - all as required by the Contract Documents; and after the Contracting Officer has indicated in writing that the Work has met the requirements for Final Completion, and subject to the provisions of paragraph 13.18, the CONTRACTOR may make application for final payment following the procedure for progress

payments. The final Application for Payment shall be accompanied by all remaining certificates, warranties, guarantees, releases, affidavits, and other documentation required by the Contract Documents.

13.14 Final Payment:

13.14.1 If on the basis of the Contracting Officer's observation of the Work during construction and final inspection, and the Contracting Officer's review of the final Application for Payment and accompanying documentation - all as required by the Contract Documents; and the Contracting Officer is satisfied that the Work has been completed and the CONTRACTOR's other obligations under the Contract Documents have been fulfilled, the DEPARTMENT will process final Application for Payment. Otherwise, the Contracting Officer will return the Application for Payment to the CONTRACTOR, indicating in writing the reasons for refusing to process final payment, in which case the CONTRACTOR shall make the necessary corrections and resubmit the final Application for Payment.

13.14.2 If, through no fault of the CONTRACTOR, Final Completion of the Work is significantly delayed, the Contracting Officer shall, upon receipt of the CONTRACTOR's final Application for Payment, 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 to be held by the DEPARTMENT for Work not fully completed or corrected is less than the retainage provided for in paragraph 13.9, and if bonds have been furnished as required in paragraph 5.1, 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 DEPARTMENT with the application for 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.

13.15 Final Acceptance:

Following certification of payment of payroll and revenue taxes, and final payment to the CONTRACTOR, the DEPARTMENT will issue a letter of Final Acceptance, releasing the CONTRACTOR from further obligations under the Contract, except as provided in paragraph 13.17.

13.16 CONTRACTOR's Continuing Obligation:

The CONTRACTOR's obligation to perform and complete the Work and pay all laborers, Subcontractors, and materialmen in accordance with the Contract Documents shall be absolute. Neither any progress or final payment by the DEPARTMENT, nor the issuance of a certificate of Substantial Completion, nor any use or occupancy of the Work or any part thereof by the DEPARTMENT or Using Agency, nor any act of acceptance by the DEPARTMENT nor any failure to do so, nor any review and Approval of a Shop Drawing or sample submission, nor any correction of Defective Work by the DEPARTMENT will constitute an acceptance of Work not in accordance with the Contract Documents or a release of the CONTRACTOR's obligation to perform the Work in accordance with the Contract Documents.

13.17 Waiver of Claims by CONTRACTOR:

The making and acceptance of final payment will constitute a waiver of all claims by the CONTRACTOR against the DEPARTMENT other than those previously made in writing and still unsettled.

13.18 No Waiver of Legal Rights:

The DEPARTMENT shall not be precluded or be estopped by any payment, measurement, estimate, or certificate made either before or after the completion and acceptance of the Work and payment therefor, from showing the true amount and character of the Work performed and materials furnished by the CONTRACTOR, nor from showing that any payment, measurement, estimate or certificate is untrue or is incorrectly made, or that the Work or materials are Defective. The DEPARTMENT shall not be precluded or estopped, notwithstanding any such measurement, estimate, or certificate and payment in accordance therewith, from recovering from the CONTRACTOR or his Sureties, or both, such damages as it may sustain by reason of his failure to comply with requirements of the Contract Documents. Neither the acceptance by the DEPARTMENT, or any representative of the DEPARTMENT, nor any payment for or acceptance of the whole or any part of the Work, nor any extension of the Contract Time, nor any possession taken by the DEPARTMENT, shall operate as a waiver of any portion of the Contract or of any power herein reserved, or of

any right to damages. A waiver by the DEPARTMENT of any breach of the Contract shall not be held to be a waiver of any other subsequent breach.

ARTICLE 14 - SUSPENSION OF WORK, DEFAULT AND TERMINATION

14.1 DEPARTMENT May Suspend Work:

14.1.1 The DEPARTMENT may, at any time, suspend the Work or any portion thereof by notice in writing to the CONTRACTOR. If the Work is suspended without cause the CONTRACTOR shall be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to any suspension if the CONTRACTOR makes an Approved claim therefor as provided in Article 15. However, no adjustment shall be made under this clause for any suspension, delay, or interruption to the extent that suspension is due to the fault or negligence of the CONTRACTOR, or that suspension is necessary for Contract compliance, or that performance would have been so suspended, delayed, or interrupted by any other cause, including the fault or negligence of the CONTRACTOR.

14.1.2 In case of suspension of Work, the CONTRACTOR shall be responsible for preventing damage to or loss of any of the Work already performed and of all materials whether stored on or off the site or Approved remote storage sites.

14.2 Default of Contract:

14.2.1 If the CONTRACTOR:

- a. Fails to begin the Work under the Contract within the time specified in the Proposal, or
- b. Fails to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficiently skilled workmen, suitable materials or equipment or failure to adhere to the progress schedule established under paragraph 6.6 as revised from time to time), or
- c. Performs the Work unsuitably or neglects or refuses to remove materials or to correct Defective Work, or
- d. Discontinues the prosecution of the Work, or
- e. Fails to resume Work which has been discontinued within a reasonable time after notice to do so, or
- f. Becomes insolvent, except that if the CONTRACTOR declares bankruptcy termination in accordance with all *U.S.C. 362* and/or *11 U.S.C. 365*. In the event the CONTRACTOR declares bankruptcy the CONTRACTOR agrees that the Contract will be assumed or rejected in a timely manner so that the Contract will be completed by the date specified in the Contract Documents, or
- g. Allows any final judgment to stand against him unsatisfied for period of 60 days, or
- h. Makes an assignment for the benefit of creditors without the consent of the Contracting Officer, or
- i. Disregards Regulatory Requirements of any public body having jurisdiction, or
- j. Otherwise violates in any substantial way any provisions of the Contract Documents, or
- k. For any cause whatsoever, fails to carry on the Work in an acceptable manner, the Contracting Officer may give notice in writing to the CONTRACTOR and his Surety of such delay, neglect, or default.

14.2.2 If the CONTRACTOR or Surety, within the time specified in the above notice of default, shall not proceed in accordance therewith, then the DEPARTMENT may, upon written notification from the Contracting Officer of the fact of such delay, neglect or default and the CONTRACTOR's failure to comply with such notice, have full power and authority without violating the Contract, to take the prosecution of the Work out of the hands of the CONTRACTOR. The DEPARTMENT may terminate the services of the CONTRACTOR, exclude the CONTRACTOR from the site and take possession of the Work and of all the CONTRACTOR's tools, appliances, construction equipment and machinery at the site and use the same to the full extent they could be used by the CONTRACTOR (without liability to the CONTRACTOR for

trespass or conversion), incorporate in the Work all materials and equipment stored at the site or for which the DEPARTMENT has paid the CONTRACTOR but which are stored elsewhere, and finish the Work as the DEPARTMENT may deem expedient. The DEPARTMENT may enter into an agreement for the completion of said Contract according to the terms and provisions thereof, or use such other methods that in the opinion of the Contracting Officer are required for the completion of said Contract in an acceptable manner.

- 14.2.3 The Contracting Officer may, by written notice to the CONTRACTOR and his Surety or his representative, transfer the employment of the Work from the CONTRACTOR to the Surety, or if the CONTRACTOR abandons the Work undertaken under the Contract, the Contracting Officer may, at his option with written notice to the Surety and without any written notice to the CONTRACTOR, transfer the employment for said Work directly to the Surety. The Surety shall submit its plan for completion of the Work, including any contracts or agreements with third parties for such completion, to the DEPARTMENT for Approval prior to beginning completion of the Work. Approval of such contracts shall be in accordance with all applicable requirements and procedures for Approval of subcontracts as stated in the Contract Documents.
- 14.2.4 Upon receipt of the notice terminating the services of the CONTRACTOR, the Surety shall enter upon the premises and take possession of all materials, tools, and appliances thereon for the purpose of completing the Work included under the Contract and employ by contract or otherwise any person or persons to finish the Work and provide the materials therefor, without termination of the continuing full force and effect of this Contract. In case of such transfer of employment to the Surety, the Surety shall be paid in its own name on estimates covering Work subsequently performed under the terms of the Contract and according to the terms thereof without any right of the CONTRACTOR to make any claim for the same or any part thereof.
- 14.2.5 If the Contract is terminated for default, the CONTRACTOR and the Surety shall be jointly and severally liable for damages for delay as provided by paragraph 11.8, and for the excess cost of completion, and all costs and expenses incurred by the DEPARTMENT in completing the Work or arranging for completion of the Work, including but not limited to costs of assessing the Work to be done, costs associated with advertising, soliciting or negotiating for bids or proposals for completion, and other procurement costs. Following termination the CONTRACTOR shall not be entitled to receive any further balance of the amount to be paid under the Contract until the Work is fully finished and accepted, at which time if the unpaid balance exceeds the amount due the DEPARTMENT and any amounts due to persons for whose benefit the DEPARTMENT has withheld funds, such excess shall be paid by the DEPARTMENT to the CONTRACTOR. If the damages, costs, and expenses due the DEPARTMENT exceed the unpaid balance, the CONTRACTOR and his Surety shall pay the difference.
- 14.2.6 If, after notice of termination of the CONTRACTOR's right to proceed under the provisions of this clause, it is determined for any reason that the CONTRACTOR was not in default under the provisions of this clause, or that the delay was excusable under the provisions of this clause, or that termination was wrongful, the rights and obligations of the parties shall be determined in accordance with the clause providing for convenience termination.

14.3 Rights or Remedies:

Where the CONTRACTOR's services have been so terminated by the DEPARTMENT, the termination will not affect any rights or remedies of the DEPARTMENT against the CONTRACTOR then existing or which may thereafter accrue. Any retention or payment of moneys due the CONTRACTOR by the DEPARTMENT will not release the CONTRACTOR from liability.

14.4 Convenience Termination:

- 14.4.1 The performance of the Work may be terminated by the DEPARTMENT in accordance with this section in whole or in part, whenever, for any reason the Contracting Officer shall determine that such termination is in the best interest of the DEPARTMENT. Any such termination shall be effected by delivery to the CONTRACTOR of a *Notice of Termination*, specifying termination is for the convenience of the DEPARTMENT the extent to which performance of Work is terminated, and the date upon which such termination becomes effective.

Immediately upon receipt of a *Notice of Termination* and except as otherwise directed by the Contracting Officer, the CONTRACTOR shall:

- a. Stop Work on the date and to the extent specified in the *Notice of Termination*;
- b. Place no further orders or subcontracts for materials, services, or facilities except as may be necessary for completion of such portion of the Work as is not terminated;
- c. Terminate all orders and subcontracts to the extent that they relate to the performance of Work terminated by the *Notice of Termination*;
- d. With the written Approval of the Contracting Officer, to the extent he may require, settle all outstanding liabilities and all claims arising out of such termination of orders and subcontracts, the cost of which would be reimbursable, in whole, or in part, in accordance with the provisions of the Contract;
- e. Submit to the Contracting Officer a list, certified as to quantity and quality, of any or all items of termination inventory exclusive of items the disposition of which had been directed or authorized by the Contracting Officer;
- f. Transfer to the Contracting Officer the completed or partially completed record drawings, Shop Drawings, information, and other property which, if the Contract had been completed, would be required to be furnished to the DEPARTMENT;
- g. Take such action as may be necessary, or as the Contracting Officer may direct, for the protection and preservation of the property related to the Contract which is in the possession of the CONTRACTOR and in which the DEPARTMENT has or may acquire any interest.

The CONTRACTOR shall proceed immediately with the performance of the above obligations.

- 14.4.2 When the DEPARTMENT orders termination of the Work effective on a certain date, all Work in place as of that date will be paid for in accordance with Article 13 of the Contract. Materials required for completion and on hand but not incorporated in the Work will be paid for at invoice cost plus 15 % with materials becoming the property of the DEPARTMENT - or the CONTRACTOR may retain title to the materials and be paid an agreed upon lump sum. Materials on order shall be cancelled, and the DEPARTMENT shall pay reasonable factory cancellation charges with the option of taking delivery of the materials in lieu of payment of cancellation charges. The CONTRACTOR shall be paid 10% of the cost, freight not included, of materials cancelled, and direct expenses only for CONTRACTOR chartered freight transport which cannot be cancelled without charges, to the extent that the CONTRACTOR can establish them. The extra costs due to cancellation of bonds and insurance and that part of job start-up and phase-out costs not amortized by the amount of Work accomplished shall be paid by the DEPARTMENT. Charges for loss of profit or consequential damages shall not be recoverable except as provided above.
- 14.4.3 The termination claim shall be submitted promptly, but in no event later than 90 days from the effective date of termination, unless extensions in writing are granted by the Contracting Officer upon written request of the CONTRACTOR made within the 90 day period. Upon failure of the CONTRACTOR to submit his termination claim within the time allowed, the Contracting Officer 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.
- 14.4.4 The CONTRACTOR and the Contracting Officer may agree upon 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 section. The Contract shall be amended accordingly, and the CONTRACTOR shall be paid the agreed amount.

In the event of the failure of the CONTRACTOR and the Contracting Officer to agree in whole or in part, as provided heretofore, as to the amounts with respect to costs to be paid to the CONTRACTOR in connection with the termination of the Work the Contracting Officer shall determine, on the basis of information available to him, the amount, if any, due to the CONTRACTOR by reason of the termination and shall pay to the CONTRACTOR the amount determined as follows:

- a. All costs and expenses reimbursable in accordance with the Contract not previously paid to the CONTRACTOR for the performance of the Work prior to the effective date of the *Notice of Termination*;
 - b. So far as not included under "a" above, the cost of settling and paying claims arising out of the termination of the Work under subcontracts or orders which are properly chargeable to the terminated portions of the Contract;
 - c. The reasonable costs of settlement with respect to the terminated portion of the Contract heretofore, to the extent that these costs have not been covered under the payment provisions of the Contract.
- 14.4.5 The CONTRACTOR shall have the right of appeal under the DEPARTMENT's claim procedures, as defined in Article 15, for any determination made by the Contracting Officer, except if the CONTRACTOR has failed to submit his claim within the time provided and has failed to request extension of such time, CONTRACTOR shall have no such right of appeal.

In arriving at the amount due the CONTRACTOR under this section, there shall be deducted:

- a. All previous payments made to the CONTRACTOR for the performance of Work under the Contract prior to termination;
 - b. Any claim for which the DEPARTMENT may have against the CONTRACTOR;
 - c. 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 section and not otherwise recovered by or credited to the DEPARTMENT; and,
 - d. All progress payments made to the CONTRACTOR under the provisions of this section.
- 14.4.6 Where the Work has been terminated by the DEPARTMENT said termination shall not affect or terminate any of the rights of the DEPARTMENT against the CONTRACTOR or his Surety then existing or which may thereafter accrue because of such default. Any retention or payment of monies by the DEPARTMENT due to the CONTRACTOR under the terms of the Contract shall not release the CONTRACTOR or his Surety from liability.

Unless otherwise provided for in the Contract Documents, or by applicable statute, the CONTRACTOR, from the effective date of termination and for a period of three years after final settlement under this Contract, shall preserve and make available to the DEPARTMENT at all reasonable times at the office of the CONTRACTOR, all its books, records, documents, and other evidence bearing on the cost and expenses of the CONTRACTOR under his Contract and relating to the Work terminated hereunder.

ARTICLE 15 - CLAIMS AND DISPUTES

15.1 Notification:

In addition to the notice requirements set out elsewhere in this Contract, if the CONTRACTOR becomes aware of any act or occurrence which may form the basis of a claim by the CONTRACTOR for additional compensation or an extension of time for performance, or if any dispute arises regarding a question of fact or interpretation of the Contract, the CONTRACTOR shall immediately inform the Project Manager. If the matter cannot be resolved by agreement within 7 days, the CONTRACTOR shall, within the next 14 days, submit an "Intent to Claim" in writing to the Project Manager.

The claim, if not resolved, shall be presented to the Project Manager, in writing, within 60 days following receipt of the "Intent to Claim". Receipt of the claim will be acknowledged in writing by the Project Manager.

The CONTRACTOR agrees that unless these written notices are provided, the CONTRACTOR will have no entitlement to additional time or compensation for such act, event or condition. The CONTRACTOR shall in any case continue diligent performance of the Contract.

15.2 Presenting Claim:

The claim shall specifically include the following:

- 15.2.1 The act, event or condition giving rise to the claim.
- 15.2.2 The Contract provisions which apply to the claim and under which relief is provided.
- 15.2.3 The item or items of Contract Work affected and how they are affected.
- 15.2.4 The specific relief requested, including Contract Time if applicable, and the basis upon which it was calculated.

15.3 Claim Validity, Additional Information, and Project Manager's Actions:

The claim, in order to be valid, must not only show that the CONTRACTOR suffered damages or delay but that those conditions were actually a result of the act, event or condition complained of and that the Contract provides entitlement to relief to the CONTRACTOR for such act, event, or condition. The Project Manager reserves the right to make written request to the CONTRACTOR at any time for additional information which the CONTRACTOR may possess relative to the claim. The CONTRACTOR agrees to provide the Project Manager such additional information within 30 days of receipt of such a request. Failure to furnish such additional information may be regarded as a waiver of the claim. The Claim, if not resolved by agreement within 60 days of its receipt, will automatically be forwarded to the Contracting Officer for formal written decision.

15.4 Contracting Officer's Decision:

The CONTRACTOR will be furnished the Contracting Officers decision within the next 90 days, unless additional information is requested by the Contracting Officer. The Contracting Officer's decision is final and conclusive unless fraudulent as to the claim or unless, within 14 days of receipt of the decision, the CONTRACTOR delivers a written Notice of Appeal to the Appeals Officer. Procedures for appeals and hearings are covered under AS 36.30.625 and AS 36.30.630.

INDEX TO GENERAL CONDITIONS

A	Article or Paragraph Number
Acceptance of Insurance.....	5.3
Access to the Work.....	8.2; 13.11; 12.2
Actual Damages	11.8
Addenda-definition of.....	Article 1
Advertisement - definition of.....	Article 1
Alaska Agricultural/Wood Products.....	7.12.3
Alaska Bidder - definition of.....	7.12.1
Alaska Preferences	7.12
Alaska Products	7.12.2
Application for Payment-definition of.....	Article 1
Application for Payment, Final.....	13.2
Application for Progress Payment	13.3
Application for Progress Payment-review of.....	13.4
Approved or Approval -definition of.....	Article 1
Authorized Minor Variations in Work.....	9.3.2
Availability of Lands	4.1
Award-defined.....	Article 1
B	
Before Starting Construction	11.2
Bid Bonds-definition of.....	Article 1
Bidder-definition of.....	Article 1
Bonds and insurances-in general	Article 5
Bonds, Delivery of.....	5.1
Bonds, Performance and Other.....	5.2
Builder's Risk Insurance ("ALL RISK")	5.4.3.d
C	
Cash Allowances	10.8
Change Order-definition of.....	Article 1
Change Orders-to be executed.....	9.4
Changes in the Work	9.1
Claims, Waiver of-on Final Payment	13.17
Clarifications and Interpretations	2.2.1.d; 3.6
Cleaning.....	6.5
Completion, Final.....	13.14

Completion, Substantial	13.10
Conferences, Preconstruction	6.6.1
Conflict, Error, Discrepancy-CONTRACTOR to Report.....	3.5
Construction Machinery, Equipment, etc	6.4
Consultant-definition of.....	Article 1
Continuing the Work	6.23
Contract-definition of.....	Article 1
Contract Documents-amending and Supplementing	9.1; 9.4; 9.6
Contract Documents- definition of.....	Article 1
Contract Documents-Intent	3.4
Contract Documents-Reuse of.....	3.7
Contract Price, Change of.....	9.4; 9.6; 10.1
Contract Price-definition of.....	Article 1
Contracting Officer's Authorities and Limitations	2.1
Contracting Officer- definition of.....	Article 1
Contracting Officer's Evaluations.....	2.2
Contract Time, Change of	9.4; 9.6; 11.4
Contract Time, Commencement of	11.1
Contract Time-definition of.....	Article 1
CONTRACTOR-definition of.....	Article 1
CONTRACTOR May Stop Work or Terminate.....	3.5.1; 4.6; 14.4.1
CONTRACTOR'S Continuing Obligation	13.5
CONTRACTOR'S Duty to Report Discrepancy in Documents	3.5
CONTRACTOR'S Fee-Cost Plus.....	10.3.3
CONTRACTOR'S Liability Insurance.....	5.4.3
CONTRACTOR'S Records.....	6.26
CONTRACTOR'S Responsibilities-in general.....	Article 6
CONTRACTOR'S Warranty to Title	13.6
Contractors-other.....	8.1; 8.2
Contractual Liability Insurance	5.4.3.b
Coordination.....	6.13.5; 8.4
Copies of Contract Documents.....	3.2
Correction or Removal of Defective Work	12.6
Correction Period, One Year	12.7
Correction, Removal or Acceptance of Defective Work-in general.....	12.6; 12.8
Cost and Pricing Data.....	10.3.4
Cost-net decrease.....	10.6.2.d; 10.6.2.e
Cost of Work	10.4

Costs, Supplemental	10.4.5
---------------------------	--------

D

Day, Calendar-definition of	Article 1
Defective-definition of	Article 1
Defective Work, Acceptance of.....	12.8
Defective Work, Correction or Removal of.....	12.6; 12.9
Defective Work-in general	12.6; 12.8
Defective Work, Rejecting	12.4.2; 12.5
Definitions	Article 1
Delivery of Bonds.....	5.1
DEPARTMENT-definition of	Article 1
DEPARTMENT May Correct Defective Work.....	12.9
DEPARTMENT May Stop Work.....	12.5
DEPARTMENT May Suspend Work.....	14.1
DEPARTMENT'S Liability Insurance	5.4.3.d
DEPARTMENT'S Responsibilities-in general.....	2.1
DEPARTMENT'S Separate Representative at site.....	2.1.1; 2.1.3
Determination for Unit Prices.....	10.10
Differing Site Conditions.....	9.9
Directive-definition of	Article 1
Directive-to be executed.....	9.3
Directive-required performance.....	9.3.5
Disadvantaged and Women Business Enterprise.....	10.11
Disputes, Decisions by Contracting Officer	2.2.1; 15.4
Documents, Copies of Contract.....	3.2
Documents, Record	6.16; 13.13
Documents, Reuse	3.7
Drawings-definition of	Article 1

E

Easements	4.1
Effective date of Contract-definition of.....	Article 1
Emergencies	6.19
Equipment, Labor, Materials and	6.3; 6.4; 6.5
Equivalent Materials and Equipment.....	6.9
Explorations of physical conditions.....	4.3
Explosives.....	6.25

F

Fee, CONTRACTOR'S-Costs Plus	10.3.3
Final Acceptance	13.15
Final Acceptance- definition of.....	Article 1
Final Completion and Application for Payment.....	13.13
Final Completion- definition of.....	Article 1
Final Inspection	13.12
Final Payment.....	13.14
Final Payment, Processing of	13.14

G

General Requirements-definition of.....	Article 1
Giving Notice	3.5.1; 4.4.4; 4.6; 5.4.2; 6.17.3; 6.19; 6.20.4; 7.4; 7.11; 8.1.4; 8.3; 9.3.6; 9.8; 9.9; 10.10; 11.1; 11.2; 11.5; 12.1; 12.3.1; 12.3.4; 12.9; 13.10; 13.12; 14.1.1; 14.2.1 thru 14.2.4; 14.4.1; 14.4.3; 15.1; 15.5
Guarantee of Work-by CONTRACTOR.....	12.1

I

Indemnification	7.1; 7.3; 5.5
Inspection, Final	13.12
Inspection, Tests and	12.3
Install-definition of.....	Article 1
Insurance, Bonds and- in general	Article 5
Insurance, Certification of.....	5.4.2
Insurance, Completed Operations.....	5.4.3.b
Insurance, CONTRACTOR'S Liability.....	5.4.3.b
Insurance, Contractual Liability	5.4.3.b
Insurance, Owner's Liability.....	5.4.1
Insurance, Property Damage.....	5.4.3.b
Insurance, Waiver of Subrogation Rights.....	5.4.1
Intent of Contract Documents.....	3.4
Interpretations and Clarifications	2.2.1.3; 3.6
Investigations of physical conditions	4.3

Invitation for Bids- definition of..... Article 1

L

Labor, Materials and Equipment 6.3; 6.4; 6.5

Laws and Regulations- general..... Article 7

Liability Insurance- CONTRACTOR'S..... 5.4.1

Liability Insurance-Owner's 5.4.1

Liens, Resulting Judgements 14.2.1.g

Liquidated Damages 11.8

M

Materials and equipment- furnished by CONTRACTOR 6.4

Materials and equipment- incorporated in Work..... 6.5

Materials or equipment- equivalent 6.9

Multi-prime contracts 8.1

N

Notice, Giving of (See Giving Notice)

Notice of Final Acceptance 13.15

Notice of Intent to Award-definition of..... Article 1

Notice to Proceed-definition of Article 1

Notice to Proceed-giving of..... 11.1; 11.2; 11.3

O

"Or-Equal" Item..... 6.9

Other contractors Article 8

Other work..... 8.1.1

Overtime Work-authorization of 7.15; 10.4.1

Owner-definition of (See DEPARTMENT)..... Article 1

P

Partial Utilization..... 13.10

Partial Utilization (See Substantial Completion)- definition of..... Article 1

Partial Utilization- Property Insurance 13.10

Patent Fees and Royalties 7.3

Payment, Recommendation of..... 13.4

Payments to CONTRACTOR-in general Article 13

Payments of CONTRACTOR- withholding..... 13.7

Performance and other Bonds..... 5.2

Permits 7.2

Physical Conditions-in general.....	Article 4
Physical Conditions- Contracting officer's review	9.9
Physical Conditions- existing structures.....	4.3
Physical Conditions- explorations and reports	4.3
Physical Conditions-possible document change.....	9.9
Physical Conditions-price and time adjustments	9.9
Physical Conditions-report of differing.....	4.6; 9.9
Physical Conditions- Underground Utilities.....	4.4
Preconstruction Conference.....	6.6.1
Premises, Use of.....	6.14
Price, Change of Contract.....	10.1
Price, Contract-definition of.....	Article 1
Progress Payment, Application for.....	13.1
Progress Payment-retainage	13.8
Progress schedule	6.6; 6.7; 6.8
Project-definition of.....	Article 1
Project Manager-definition of	Article 1
Project Representation- provision for.....	2.1.1
Project, Starting the	11.2
Property Insurance.....	5.4.3
Property Insurance- Partial Utilization	13.10
Protection, Safety and.....	6.17
Punch list.....	13.10

R

Recommendation of Progress Payment.....	13.4
Record Documents	6.16
Reference Points.....	4.7
Regulations, Laws and.....	Article 7
Rejecting Defective Work	12.4.2; 12.5
Related Work at Site.....	3.4.1
Removal or Correction of Defective Work	12.6; 12.9
Responsibilities, CONTRACTOR'S-in general.....	Article 6
Retainage.....	13.8
Reuse of Documents.....	3.7
Review of Shop Drawings and Samples.....	6.21
Right of Ways.....	4.1
Royalties, Patent Fees and.....	7.3

S

Safety and Protection.....	6.17
Samples	6.20; 6.21
Schedule of Progress	6.6; 6.7; 6.8
Schedule of Shop Drawing submissions.....	6.6; 6.7; 6.8; 6.20.1
Schedule of Values- definition	Article 1
Schedule of Values	6.6; 6.7; 6.8
Schedules, Finalizing.....	6.7
Shop Drawings and Samples	6.20; 6.21
Shop Drawings-definition of	Article 1
Shop Drawings, use to approve substitutions	6.9.4; 6.20.4
Site, Visits to-by Contracting Officer	2.4
Specifications-definition of	Article 1
Starting Construction, Before	6.6.1
Starting the Project	11.2
Stopping Work-by CONTRACTOR	3.5.1; 4.6; 14.4.1
Stopping Work-by Owner.....	12.5; 14.1
Subcontractor-definition of.....	Article 1
Subcontractors-in general	6.13
Subcontracts-required provisions	6.13.1; 6.13.3
Substantial Completion- certification of.....	13.10
Substantial Completion- definition of.....	Article 1
Substitute or "Or-Equal" Items	6.9
Subsurface Conditions	Article 4' 9.9
Supplemental Agreement- definition of	Article 1
Supplemental Agreement- general use	9.6
Supplemental costs	10.4.5
Supplementary Conditions- definition of	Article 1
Supplementary Conditions- principal references to.....	3.5; 4.3; 5.4; 11.8
Supplier-definition of	Article 1
Supplier-principal references.....	2.1.3; 3.7; 6.9; 6.12; 6.13.2; 6.20; 6.21
Surety-consent to payment	13.14.2
Surety-Consultant has no duty to.....	2.13
Surety-notice to	9.8; 14.2
Surety-qualification of.....	5.2; 5.3
Surety Replacement.....	5.3

Suspending Work, by Owner.....	14.1
Suspension of Work and Termination-in general	Article 14
Superintendent-CONTRACTOR's	6.2
Supervision and Superintendence.....	6.1; 6.2

T

Taxes-Payment by CONTRACTOR	7.2
Termination-by Owner	14.4.1
Termination, Suspension of Work and-in general	Article 14
Tests and Inspections.....	12.3
Time, Change of Contract	9.4; 11.4
Time, Computations of.....	11.3
Time, Contract-definition of.....	Article 1

U

Uncovering Work	12.4
Underground Utilities- general.....	4.4
Underground Utilities-not shown or indicated	4.6
Underground Utilities- protection of	4.4.2.d
Underground Utilities- shown or indicated	4.4.1
Unit Price Work-definition of.....	Article 1
Unit Price Work-general.....	10.9
Unit Prices	10.9.1
Unit Prices, Determination for.....	10.10
Use of Promises.....	6.14
Utility Owner's Notification	4.4.2.c; 4.4.3; 4.4.4; 4.5; 4.6
Utility, Damaged	4.5

V

Values, Schedule of.....	6.6; 6.7; 6.8
Variations in Work- Authorized	9.2
Visits to Site-by Contracting Officer.....	2.4

W

Waiver of Claims-on Final Payment	13.17
Waiver of Rights by insured parties	13.18
Warranty and Guarantee-by CONTRACTOR.....	12.1
Warranty of Title, CONTRACTOR'S	13.6
Work, Access to	8.2; 13.11; 12.2

Work-by others-general	Article 8
Work Continuing During Disputes	6.23
Work, Cost of	10.4
Work-definition of.....	Article 1
Work, Neglected by CONTRACTOR	14.2.1.c
Work, Stopping by CONTRACTOR.....	3.5.1; 4.6
Work, Stopping by Owner.....	12.5; 14.1

SECTION 00800
SUPPLEMENTARY CONDITIONS
MODIFICATIONS TO THE GENERAL CONDITIONS
(STATE FUNDED CONTRACTS)

The following supplements modify, change, delete from, add to the "General Conditions of the Construction Contract for Buildings", revised December, 1987 (c) 4/96. Where any article of the General Conditions is modified, or and Paragraph, Subparagraph, or Clause thereof is modified or deleted by these Supplementary Conditions, the unaltered provisions of that Article, Paragraph, Subparagraph, of Clause shall remain in effect.

SC-1-DEFINITIONS

At General Conditions Article 1, add the following definitions:

“APPROVED. ‘Approved’ or ‘Approval’ as used in this contract document shall mean that the Department has received a document, form or submittal from the contractor and that the Department has taken “No exceptions” to the item submitted. Unless the context clearly indicates otherwise, approved or approval shall not mean that the Department approves of the methods or means, or that the item or form submitted meets the requirements of the contract or constitutes acceptance of the Contractor’s work. Where approved or approval means acceptance, then such approval must be set forth in writing and signed by the contracting officer or his designee.

ARCHITECT. Where used in the contract documents, “ARCHITECT” shall mean the DEPARTMENT’S ENGINEER.

ARCHITECT/ENGINEER. Where used in the contract documents, “ARCHITECT/ENGINEER” shall mean the DEPARTMENT’S ENGINEER.

ENGINEER. The DEPARTMENT’S authorized representative of the Contracting Officer, as defined in the DEPARTMENT’S *delegation of authority letter* to be issued after notice-to-proceed, who is responsible for administration of the contract.

EQUIPMENT. All machinery together with the necessary supplies for upkeep and maintenance, and also tools and apparatus necessary for the proper construction and acceptable completion of the work.

FURNISH. To procure, transport, and deliver to the project site materials, labor, or equipment, for installation or use on the project.

INSPECTOR. The Engineer’s authorized representative assigned to make detailed observations relating to contract performance.

INTERIM WORK AUTHORIZATION. A written order by the Engineer initiating changes to the Contract, within its general scope, until a subsequent Change Order is executed.

LABORATORY. The official testing laboratories of the DEPARTMENT or such other laboratories as may be designated by the Engineer or identified in the contract documents.

MATERIALS. Any substances specified for use in the construction of the project.

PRECONSTRUCTION CONFERENCE. A meeting between the CONTRACTOR and the Engineer, and other parties affected by the construction, to discuss the project before the CONTRACTOR begins work.

QUALITY ASSURANCE (QA). Where referred to in the technical specifications (Divisions 2 through 16), Quality Assurance refers to measures to be provided by the CONTRACTOR as specified.

QUALITY CONTROL (QC). Tests and inspections by the CONTRACTOR to insure the acceptability of materials incorporated into the work. QC test reports are used as a basis upon which to determine whether the Work conforms to the requirements of the Contract Documents and to determine its acceptability for payment.

TRAFFIC CONTROL PLAN (TCP). A drawing of one or more specific plans that detail the routing of pedestrian, and/or vehicular traffic through or around a construction area.

UTILITY. The privately, publicly or cooperatively owned lines, facilities and systems for producing, transmitting or distributing communications, power, electricity, light, heat, gas, oil, crude products, water, steam, waste, storm water not connected with highway or street drainage, and other similar commodities, including publicly owned fire and police signal systems, street lighting systems, and railroads which directly or indirectly serve the public or any part thereof. The term "utility" shall also mean the utility company, inclusive of any wholly owned or controlled subsidiary."

At General Conditions Article 1, definition of **Contract Time**, last sentence, Replace "...Final Completion..." with:

"...Substantial Completion..."

At General Conditions Article 1, definition of **Conditions of the Contract**: Delete the text of this definition in its entirety.

At General Conditions Article 1, definition of **Contract Time**: Delete the text of this definition and replace with the following:

"The number of Calendar Days following issuance of Notice-to-Proceed in which the project shall be rendered Substantially Complete, or if specified as a calendar date, the Substantial Completion date specified in the Contract Documents."

At General Conditions Article 1, definition of **Controlling Item**: Delete the text of this definition and replace with the following:

"Any feature of the Work on the critical path of a network schedule."

At General Conditions Article 1, definition of **Defective**: Delete the text of this definition and replace with the following:

"Work that is unsatisfactory, faulty or deficient, or does not conform to the Contract Documents."

At General Conditions Article 1, definition of **Effective Date of the Contract**: Delete the text of this definition in its entirety.

At General Conditions Article 1, definition **Shop Drawings**: Add the following text:

"Where used in the Contract Documents, "Shop Drawings" shall also mean "Submittals"."

At General Conditions Article 1, second paragraph: Delete this paragraph in its entirety and replace with the following:

"The titles and headings of the articles, sections, and subsections herein are intended for convenience of reference."

At General Conditions Article 1, third paragraph starting with “Whenever used in the Specifications...”, Delete this paragraph in its entirety.

At General Conditions Article 1, fourth paragraph, last sentence: Revise it to read as follows:

“Words defined in Article 1 are to be interpreted as defined.”

SC-2.1-AUTHORITIES AND LIMITATIONS

At General Conditions Article 2.1.1, delete this paragraph in its entirety and replace with the following:

“The Contracting Officer alone, shall have the power to bind the DEPARTMENT and to exercise the rights, responsibilities, authorities and functions vested in the Contracting Officer by the Contract Documents. The Contracting Officer shall have the right to designate in writing authorized representatives to act for him. Wherever any provision of the Contract Documents specifies an individual or organization, whether governmental or private, to perform any act on behalf of or in the interest of the DEPARTMENT that individual or organization shall be deemed to be the Contracting Officer’s authorized representative under this Contract but only to the extent so specified. “

At General Conditions Article 2.1.4 starting with “The term of “Contracting Officer” when used...”, delete this article in its entirety.

SC-2.4-VISITS TO SITE/PLACE OF BUSINESS

At General Conditions Article 2.4, delete this article in its entirety.

SC-4.1-AVAILABILITY OF LANDS

At General Conditions Article 4.1, add the following:

“The CONTRACTOR shall provide all waste and disposal areas, including disposal areas for hazardous or contaminated materials, at no additional cost to the DEPARTMENT.”

SC-4.3-EXPLORATIONS AND REPORTS

At General Conditions Article 4.3, add the following text:

“A copy of the geotechnical reports and addendum that were used in the preparation of these contract documents (See Section 00300 , Information Available to Bidders) is provided to all planholders listed with the DEPARTMENT as General Contractors, and is available to other planholders upon request. While referenced by or provided with the Contract Documents; the recommendations, engineering details, and other information contained in these reports of explorations shall not be construed to supercede or constitute conditions of the Contract Documents.”

SC-4.7-SURVEY CONTROL

At General Conditions Article 4.7, delete the third sentence and substitute the following text:

"Copies of all survey notes shall be provided to the DEPARTMENT at an interval determined by the Project Manager. The Project Manager may request submission on a weekly or longer period at his discretion. Any variations between the Contract Documents and actual field conditions shall be identified in the survey notes."

SC-5.2-BONDS

At General Condition Article 5.2, delete the second, third, fourth, fifth, and sixth paragraphs in their entirety.

SC-5.4.2-INSURANCE REQUIREMENTS, GENERAL

At General Condition Article 5.4.2, revise the first sentence to read as follows:

"The CONTRACTOR shall maintain in force at all times during the performance of the work under this agreement the following policies and minimum limits of liability."

SC-5.4.2a-WORKMANS COMPENSATION INSURANCE

At General Condition Article 5.4.2a, replace paragraph "a" in its entirety and replace it with the following:

- "a. Workers' Compensation Insurance: The Contractor shall provide and maintain, for all employees of the Contractor engaged in work under this contract, Workers' Compensation Insurance as required by AS 23.30.045. The Contractor shall be responsible for Workers' Compensation Insurance for any subcontractor who provides services under this contract, to include:
1. Waiver of subrogation against the State and Employer's Liability Protection in the amount of \$500,000 each accident/\$500,000 each disease.
 2. If the Contractor directly utilizes labor outside of the State of Alaska in the prosecution of the work, "Other States" endorsement shall be required as a condition of the contract.
 3. Whenever the work involves activity on or about navigable waters, the Workers' Compensation policy shall contain a United States Longshoreman's and Harbor Worker's Act endorsement, and when appropriate, a Maritime Employer's Liability (Jones Act) endorsement with a minimum limit of \$1,000,000."

SC-5.4b-COMPREHENSIVE GENERAL LIABILITY INSURANCE

At General Conditions Article 5.4b, delete minimum limits of liability items 1 and 2 in their entirety and substitute the following text:

- "1. If the CONTRACTOR carries a *Comprehensive General Liability* policy, the limits of liability shall not be less than a Combined Single Limit for bodily injury, property damage and Personal Injury Liability of:
- \$1,000,000 each occurrence
 - \$2,000,00 aggregate
2. If the CONTRACTOR carries a *Commercial General Liability* policy, the limits of liability shall not be less than:

\$1,000,000 each occurrence (Combined Single Limit for bodily injury and property damage)
\$1,000,000 for Personal Injury Liability

\$2,000,000 aggregate for Products-Completed Operations
\$2,000,000 general aggregate

The State of Alaska, DEPARTMENT of Health & Social Services shall be named as an "Additional Insured" under all liability coverages listed above."

SC-5.4.2d-BUILDERS RISK INSURANCE (SUBCONTRACTORS)

At General Condition Article 5.4.2d, revise the last sentence to read as follows:

"Builders Risk Insurance will only be required of subcontractors if so stated in the Supplementary Conditions."

SC-5.4.3-INSURANCE REQUIREMENTS, EVIDENCE OF INSURANCE

At General Conditions Article 5.4.3, delete this subsection and replace with the following:

"In addition to providing the above coverages the Contractor shall, in any contract or agreement with subcontractors performing work, require that all indemnities and waivers of subrogation it obtains, and that any stipulation to be named as an additional insured it obtains, also be extended to waive rights of subrogation against the State of Alaska and to add the State of Alaska as additional named indemnitee and as additional insured.

Evidence of insurance shall be furnished to the Department prior to the award of the contract. Such evidence, executed by the carrier's representative and issued to the Department, shall consist of a certificate of insurance or the policy declaration page with required endorsements attached thereto which denote the type, amount, class of operations covered, effective (and retroactive) dates, and dates of expiration. Acceptance by the Department of deficient evidence does not constitute a waiver of contract requirements.

When a certificate of insurance is furnished, it shall contain the following statement:
"This is to certify that the policies described herein comply with all aspects of the insurance requirements of (Project Name and Number)."

SC-6.6.1-PROGRESS SCHEDULE

At General Condition Article 6.6.1, change the phrase "Within reasonable time prior to the Pre-Construction Conference..." to read:

"Within seven days after the Pre-Construction Conference."

SC-6.6.2-SCHEDULE OF SHOP DRAWINGS AND SCHEDULE OF VALUES

At General Condition Article 6.6.2, change the phrase "Within fifteen days after the date of the Notice To Proceed,..." to read:

"Prior to submitting the CONTRACTOR's first Application for Payment..."

SC-6.9-SUBSTITUTES "OR EQUAL" ITEMS

Add the following article:

"6.9.5 - Substitutions shall be permitted during or after the bid period as allowed and in accordance with Document 00020 - Invitation for Bids, Document 00700 – General Conditions, and Document 01630 - Product Options and Substitutions."

SC-6.13.1-SUBCONTRACT PROVISIONS

At General Condition Article 6.13.1, delete the third sentence and add the following text:

"All subcontracts shall contain provisions for prompt payment, release of retainage, and interest on late payment amounts and retainage as specified in A.S. 36.90.210. Contracts between subcontractors, regardless of tier, must also contain these provisions."

SC-6.27-LOAD RESTRICTIONS

Add new General Conditions Article 6.27 as follows:

"6.27 Load Restrictions

The CONTRACTOR shall comply with all load restrictions as set forth in the "Administrative Permit Manual", and Title 17, Chapter 25, of the Alaska Administrative Code in the hauling of materials on public roads, beyond the limits of the project, and on all public roads within the project limits that are scheduled to remain in use upon completion of the project.

Overload permits may, at the discretion of the State, be issued for travel beyond the project limits for purposes of mobilization and/or demobilization. Issuance of such a permit will not relieve the CONTRACTOR of liability for damage which may result from the moving of equipment.

The operation of equipment of such weight or so loaded as to cause damage to any type of construction will not be permitted. No overloads will be permitted on the base course or surface course under construction. No loads will be permitted on a concrete pavement, base or structure before the expiration of the curing period. The CONTRACTOR shall be responsible for all damage done by his equipment."

SC-7.12-APPLICABLE ALASKA PREFERENCES

At General Condition Article 7.12.2, delete the last portion of the first sentence commencing at the words, "...when the bid documents designate..." and replace with the words:

"...when the bidder designates the use of Alaska products. The Bidder shall complete the Alaska Products Preference Worksheet per its instructions and submit it with the Bid Proposal." Continue with existing second sentence.

SC-7.13-PREFERENTIAL EMPLOYMENT

At General Condition Article 7.13, delete the text of this article in its entirety.

SC-7.14.1-CERTIFIED PAYROLLS

At General Condition Article 7.14.1, add the following text:

"Regardless of project funding source, copies of all certified payrolls supplied to the State DEPARTMENT of Labor by the CONTRACTOR shall be supplied also to the Project Manager upon request, including submittals made by, or on behalf of, subcontractors."

Add General Condition Article 7.14.3, as follows:

“Within three calendar days of award of a construction contract, the CONTRACTOR shall file a “Notice of Work” with the Department of Labor and shall pay all related fees. The Contracting Officer will not issue Notice to Proceed to the CONTRACTOR until such notice and fees have been paid to the Department of Labor. Failure of the CONTRACTOR to file the Notice of Work and pay fees within this timeframe shall not constitute grounds for an extension of contract time or adjustment of contract price.”

SC-7.16-COVENANT AGAINST CONTINGENT FEES

At General Conditions Article 7.16, delete the text of this article in its entirety.

SC-7.17-OFFICIALS NOT TO BENEFIT

At General Conditions Article 7.17, delete the text of this article in its entirety.

SC-7.18-PERSONAL LIABILITY OF PUBLIC OFFICIALS

At General Conditions Article 7.18, delete the text of this article in its entirety.

SC-9.4-CHANGE ORDER

At General Conditions Article 9.4, change the first sentence to read:

“A change in Contract Time, Contract Price, or responsibility may be made for changes within the scope of the Work by Change Order.”

At General Conditions Article 9.4, add the following sentence:

“A Change Order shall be considered executed when it is signed by the DEPARTMENT.”

SC-9.10-INTERIM WORK AUTHORIZATION

At General Conditions Article 9.10, add the following new paragraph:

“9.10 Interim Work Authorization

An Interim Work Authorization may be used to establish a change within the scope of the Work; however, only a Change Order shall establish associated changes in Contract Time and Price. Work authorized by Interim Work Authorization shall be converted to a Change Order. The basis of payment shall be as stated in the Interim Work Authorization, unless it states that the basis of payment has not been established and is to be negotiated, in which case the Cost of the Work shall be documented pursuant to Article 10.4, to establish a basis for negotiating a lump sum price for the Change Order.”

SC-10.3.2-CHANGE ORDER PRICE DETERMINATION FOR LUMP SUM CHANGE ORDERS

At General Conditions Article 10.3.2, Delete this paragraph in its entirety and replace it with the following.

“10.3.2 By mutual acceptance of a lump sum price which includes overhead and profit. The following maximum rates of cost markup (to cover both overhead and profit of the CONTRACTOR) shall be used in the negotiation of a Lump Sum Change Order:

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- a. 17% - where a cost is borne directly by prime contractor (first tier contractor).
 - b. 10% - where a cost is borne by a subcontractor (lower tier contractor).

Where the cost is borne by a subcontractor acting as a first tier contractor, the allowable overhead and profit markup for lump sum change orders shall not exceed 17%. Any lower tier subcontractors, including the CONTRACTOR in this case, for whom the first tier subcontractor performs the work, shall be allowed an overhead and profit markup that does not exceed 10%.

SC-10.4-COST OF THE WORK

At General Conditions Article 10.4.1, replace the second sentence from the end of the paragraph with the following:

“Such employees shall include manual workers up through the level of foreman but shall not include general foremen, superintendents, and non-manual employees.”

At General Conditions Article 10.4.2, replace the first sentence with the following:

“Cost of all materials and equipment furnished and incorporated or consumed in the Work, including costs of transportation and storage thereof, and Suppliers’ field services required in connection therewith.”

SC-10.4.5.c-COST OF THE WORK (SUPPLEMENTAL COSTS)

At General Condition Article 10.4.5.c, add the following:

"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 Dataquest, Inc., 1290 Ridder Park Drive, San Jose, CA 95131. 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 cost.

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 DEPARTMENT 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.

Equipment which must be rented or leased specifically for work required under this section shall be authorized in writing by the Project Manager. The CONTRACTOR shall be paid invoice price plus 15%.

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.

Equipment ordered to be on a 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-quarter hour for purposes of computing compensation to the CONTRACTOR for equipment utilized under these rates.

The equipment rates as determined above shall be full compensation, including overhead and profit, for providing the 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."

SC-10.11-DISADVANTAGED BUSINESSS ENTERPRISE PROGRAM

At General Conditions Article 10.11, Delete this paragraph in its entirety for this State Funded Contract.

SC-11.3-COMPUTATION OF CONTRACT TIME

At General Condition Article 11.3.1, third sentence, change "...the date of Final Completion..." to:

"...the date of Substantial Completion..."

At General Condition Article 11.3.2, first sentence, change "...the date of Final Completion..." to:

"...the date of Substantial Completion."

Add General Condition Article 11.3.3, to state as follows:

" The Contract Time shall be as stated on form 25D-9, Proposal."

SC-11.8-DELAY DAMAGES

At General Condition Article 11.8, add the following:

"For each calendar day that the work remains incomplete after the expiration of the Contract Time,

liquidated damages in the amount of \$500 per calendar day shall be assessed to the CONTRACTOR. If no money is due the CONTRACTOR, the DEPARTMENT shall have the right to recover said sum from the CONTRACTOR, the surety or both. The amount of these deductions is to reimburse the DEPARTMENT for estimated liquidated damages incurred as a result of the CONTRACTOR's failure to complete the work within the time specified. As liquidated damages, such deductions are not to be considered as penalties.

Permitting the CONTRACTOR to continue and finish the work or any part of it after the time fixed for its completion, or after the date to which the time for completion may have been extended, will in no way operate as a waiver on the part of the DEPARTMENT of any of its rights under the Contract."

SC 12-ONE YEAR CORRECTION PERIOD

At General Condition Article 12.7, in the first sentence, change the phrase " Final Completion" to:

"Substantial Completion of the relevant portion of the Work..."

SC 13.3-APPLICATION FOR PROGRESS PAYMENT

At General Conditions Article 13.3, revise the last sentence to read as follows:

"Progress payments will be made as the Work progresses on a monthly basis."

SC 13.13-FINAL COMPLETION AND APPLICATION FOR PAYMENT

At General Conditions Article 13.13, first sentence, delete the following items:

"maintenance and operating instructions
certificates of inspection
marked up record documents"

The preceding items are some of the requirements for Substantial Completion, as addressed in Section 01701.

SC 13.16-CONTRACTOR'S CONTINUING OBLIGATION

At General Condition Article 13.16, add the following paragraph:

"When it is anticipated that restarting, testing, adjusting, or balancing of systems will be required following Final Acceptance and said requirements are noted in Section(s) 01650, such Work shall constitute a continuing obligation under the Contract."

SC 14.2-DEFAULT OF CONTRACT

At General Conditions Article 4.2, delete this section in its entirety and replace with the following:

"14.2.1 The Contracting Officer may give the contractor and his surety a written Notice to Cure Default if the contractor:

- a. fails to begin work in the time specified,
- b. fails to use sufficient resources to assure prompt completion of the work,
- c. performs the work unsuitably or neglect or refuse to remove and replace rejected materials or work,
- d. stops work,
- e. fails to resume stopped work after receiving notice to do so,

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- f. becomes insolvent (except that if you declare bankruptcy, termination will be under Title 11 US Code 362 and/or 365. Your bankruptcy does not relieve the surety of any obligations to assume the Contract and complete the work in a timely manner.
 - g. Allows any final judgment to stand against him unsatisfied for period of 60 days, or
 - h. Makes an assignment for the benefit of creditors without the consent of the Contracting Officer, or
 - i. Disregards Regulatory Requirements of any public body having jurisdiction, or
 - j. Otherwise violates in any substantial way any provisions of the Contract Documents, or
 - k. fails to comply with Contract minimum wage payments or civil rights requirements, or
 - l. are party to fraud, deception, misrepresentation , or
 - m. for any cause whatsoever, fails to carry on the Work in an acceptable manner.
- 14.2.2 The Notice to Cure Default will detail the conditions determined to be in default, the time within which to cure the default and may, in the Contracting Officer's discretion, specify the actions necessary to cure the default. Failure to cure the delay, neglect or default within the time specified in the Contracting Officer's written notice to cure authorizes the Department to terminate the contract. The Contracting Officer may allow more time to cure than originally stated in the Notice to Cure Default if he deems it to be in the best interests of the Department. The Department will provide you and your surety with a written Notice of Default Termination that details the default and the failure to cure it.
- 14.2.3 If the CONTRACTOR or Surety, within the time specified in the above notice of default, shall not proceed in accordance therewith, then the DEPARTMENT may, upon written notification from the Contracting Officer of the fact of such delay, neglect or default and the CONTRACTOR's failure to comply with such notice, have full power and authority without violating the Contract, to take the prosecution of the Work out of the hands of the CONTRACTOR. The DEPARTMENT may terminate the services of the CONTRACTOR, exclude the CONTRACTOR from the site and take possession of the Work and of all the CONTRACTOR's tools, appliances, construction equipment and machinery at the site and use the same to the full extent they could be used by the CONTRACTOR (without liability to the CONTRACTOR for trespass or conversion), incorporate in the Work all materials and equipment stored at the site or for which the DEPARTMENT has paid the CONTRACTOR but which are stored elsewhere, and finish the Work as the DEPARTMENT may deem expedient. The DEPARTMENT may enter into an agreement for the completion of said Contract according to the terms and provisions thereof, or use such other methods that in the opinion of the Contracting Officer are required for the completion of said Contract in an acceptable manner.
- 14.2.4 The Contracting Officer may, by written notice to the CONTRACTOR and his Surety or his representative, transfer the employment of the Work from the CONTRACTOR to the Surety, or if the CONTRACTOR abandons the Work undertaken under the Contract, the Contracting Officer may, at his option with written notice to the Surety and without any written notice to the CONTRACTOR, transfer the employment for said Work directly to the Surety. The Surety shall submit its plan for completion of the Work, including any contracts or agreements with third parties for such completion, to the DEPARTMENT for Approval prior to beginning completion of the Work. Approval of such contracts shall be in accordance with all applicable requirements and procedures for Approval of subcontracts as stated in the Contract Documents.
- 14.2.5 After the notice of termination is issued, the Department may take over the work and complete it by contract or otherwise and may take possession of and use materials, appliances, equipment or plant on the work site necessary for completing the work.
- 14.2.6 Rather than taking over the work itself, the Department may transfer the obligation to perform the work from the contractor to your surety. The surety must submit its plan for completion of the work, including any contracts or agreements with third parties for completion, to the
-

Department for approval prior to beginning work. The surety must follow the Contract requirements for approval of subcontracts, except that the limitation on percent of work subcontracted will not apply.

- 14.2.7 On receipt of the transfer notice, the surety must take possession of all materials, tools, and appliances at the work site, employ an appropriate work force, and complete the Contract work, as specified. The Contract specifications and requirements shall remain in effect. However the Department will make subsequent Contract payments directly to the Surety for work performed under the terms of the Contract. You forfeit any right to claim for the same work or any part thereof. You are not entitled to receive any further balance of the amount to be paid under the Contract.
- 14.2.8 Upon receipt of the notice terminating the services of the CONTRACTOR, the Surety shall enter upon the premises and take possession of all materials, tools, and appliances thereon for the purpose of completing the Work included under the Contract and employ by contract or otherwise any person or persons to finish the Work and provide the materials therefor, without termination of the continuing full force and effect of this Contract. In case of such transfer of employment to the Surety, the Surety shall be paid in its own name on estimates covering Work subsequently performed under the terms of the Contract and according to the terms thereof without any right of the CONTRACTOR to make any claim for the same or any part thereof.
- 14.2.9 If the Contract is terminated for default, the CONTRACTOR and the Surety shall be jointly and severally liable for damages for delay as provided by paragraph 11.8, and for the excess cost of completion, and all costs and expenses incurred by the DEPARTMENT in completing the Work or arranging for completion of the Work, including but not limited to costs of assessing the Work to be done, costs associated with advertising, soliciting or negotiating for bids or proposals for completion, and other procurement costs. Following termination the CONTRACTOR shall not be entitled to receive any further balance of the amount to be paid under the Contract until the Work is fully finished and accepted, at which time if the unpaid balance exceeds the amount due the DEPARTMENT and any amounts due to persons for whose benefit the DEPARTMENT has withheld funds, such excess shall be paid by the DEPARTMENT to the CONTRACTOR. If the damages, costs, and expenses due the DEPARTMENT exceed the unpaid balance, the CONTRACTOR and his Surety shall pay the difference.
- 14.2.10 If, after notice of termination of the CONTRACTOR's right to proceed under the provisions of this clause, it is determined for any reason that the CONTRACTOR was not in default under the provisions of this clause, or that the delay was excusable under the provisions of this clause, or that termination was wrongful, the rights and obligations of the parties shall be determined in accordance with the clause providing for convenience termination.

14.3 Rights or Remedies:

Where the CONTRACTOR's services have been so terminated by the DEPARTMENT, the termination will not affect any rights or remedies of the DEPARTMENT against the CONTRACTOR then existing or which may thereafter accrue. Any retention or payment of moneys due the CONTRACTOR by the DEPARTMENT will not release the CONTRACTOR from liability.

14.4 Convenience Termination:

- 14.4.1 The performance of the Work may be terminated by the DEPARTMENT in accordance with this section in whole or in part, whenever, for any reason the Contracting Officer shall determine that such termination is in the best interest of the DEPARTMENT. Any such termination shall be effected by delivery to the CONTRACTOR of a Notice of Termination, specifying termination is for the convenience of the DEPARTMENT the extent to which performance of Work is terminated, and the date upon which such termination becomes effective.

14.4.2 Immediately upon receipt of a Notice of Termination and except as otherwise directed by the Contracting Officer, the CONTRACTOR shall:

- a. Stop Work on the date and to the extent specified in the Notice of Termination;
- b. Place no further orders or subcontracts for materials, services, or facilities except as may be necessary for completion of such portion of the Work as is not terminated;
- c. Terminate all orders and subcontracts to the extent that they relate to the performance of Work terminated by the Notice of Termination;
- d. With the written Approval of the Contracting Officer, to the extent he may require, settle all outstanding liabilities and all claims arising out of such termination of orders and subcontracts, the cost of which would be reimbursable, in whole, or in part, in accordance with the provisions of the Contract;
- e. Submit to the Contracting Officer a list, certified as to quantity and quality, of any or all items of termination inventory exclusive of items the disposition of which had been directed or authorized by the Contracting Officer;
- f. Transfer to the Contracting Officer the completed or partially completed record drawings, Shop Drawings, information, and other property which, if the Contract had been completed, would be required to be furnished to the DEPARTMENT;
- g. Take such action as may be necessary, or as the Contracting Officer may direct, for the protection and preservation of the property related to the Contract which is in the possession of the CONTRACTOR and in which the DEPARTMENT has or may acquire any interest.

The CONTRACTOR shall proceed immediately with the performance of the above obligations.

14.4.3 When the DEPARTMENT orders termination of the Work effective on a certain date, all Work in place as of that date will be paid for in accordance with Article 13 of the Contract. Materials required for completion and on hand but not incorporated in the Work will be paid for at invoice cost plus 15 % with materials becoming the property of the DEPARTMENT - or the CONTRACTOR may retain title to the materials and be paid an agreed upon lump sum. Materials on order shall be cancelled, and the DEPARTMENT shall pay reasonable factory cancellation charges with the option of taking delivery of the materials in lieu of payment of cancellation charges. The CONTRACTOR shall be paid 10% of the cost, freight not included, of materials cancelled, and direct expenses only for CONTRACTOR chartered freight transport which cannot be cancelled without charges, to the extent that the CONTRACTOR can establish them. The extra costs due to cancellation of bonds and insurance and that part of job start-up and phase-out costs not amortized by the amount of Work accomplished shall be paid by the DEPARTMENT. Charges for loss of profit or consequential damages shall not be recoverable except as provided above.

- a. The following costs are not payable under a termination settlement agreement or Contracting Officer's determination of the termination claim:
 1. Loss of anticipated profits or consequential or compensatory damages
 2. Unabsorbed home office overhead (also termed "General & Administrative Expense") related to ongoing business operations
 3. Bidding and project investigative costs
 4. Direct costs of repairing equipment to render it operable for use on the terminated work

14.4.4 The termination claim shall be submitted promptly, but in no event later than 90 days from the effective date of termination, unless extensions in writing are granted by the Contracting Officer upon written request of the CONTRACTOR made within the 90 day period. Upon

failure of the CONTRACTOR to submit his termination claim within the time allowed, the Contracting Officer 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.

14.4.5 The CONTRACTOR and the Contracting Officer may agree upon 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 section. The Contract shall be amended accordingly, and the CONTRACTOR shall be paid the agreed amount.

14.4.6 In the event of the failure of the CONTRACTOR and the Contracting Officer to agree in whole or in part, as provided heretofore, as to the amounts with respect to costs to be paid to the CONTRACTOR in connection with the termination of the Work the Contracting Officer shall determine, on the basis of information available to him, the amount, if any, due to the CONTRACTOR by reason of the termination and shall pay to the CONTRACTOR the amount determined as follows:

- a. All costs and expenses reimbursable in accordance with the Contract not previously paid to the CONTRACTOR for the performance of the Work prior to the effective date of the Notice of Termination;
- b. So far as not included under "a" above, the cost of settling and paying claims arising out of the termination of the Work under subcontracts or orders which are properly chargeable to the terminated portions of the Contract;
- c. So far as practicable, claims by the contractor for idled or stand-by equipment shall be made as follows: Equipment claims will be reimbursed as follows:
 1. Contractor-owned equipment usage, based on the contractor's ownership and operating costs for each piece of equipment as determined from the contractor's accounting records. Under no circumstance, may the contractor base equipment claims on published rental rates.
 2. Idle or stand-by time for Contractor-owned equipment, based on your internal ownership and depreciation costs. Idle or stand-by equipment time is limited to the actual period of time equipment is idle or on stand-by as a direct result of the termination, not to exceed 30 days. Operating expenses will not be included for payment of idle or stand-by equipment time.
 3. Rented equipment, based on reasonable, actual rental costs. Equipment leased under "capital leases" as defined in Financial Accounting Standard No. 13 will be considered Contractor-owned equipment. Equipment leased from an affiliate, division, subsidiary or other organization under common control with you will be considered Contractor-owned equipment, unless the lessor has an established record of leasing to unaffiliated lessees at competitive rates consistent with the rates you have agreed to pay and no more than forty percent of the lessor's leasing business, measured in dollars, is with organizations affiliated with the lessor.

14.4.7 The CONTRACTOR shall have the right of appeal under the DEPARTMENT's claim procedures, as defined in Article 15, for any determination made by the Contracting Officer, except if the CONTRACTOR has failed to submit his claim within the time provided and has failed to request extension of such time, CONTRACTOR shall have no such right of appeal. In arriving at the amount due the CONTRACTOR under this section, there shall be deducted:

- a. All previous payments made to the CONTRACTOR for the performance of Work under the Contract prior to termination;
- b. Any claim for which the DEPARTMENT may have against the CONTRACTOR;
- c. 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 section and not otherwise recovered by or credited to the DEPARTMENT; and,

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- d. All progress payments made to the CONTRACTOR under the provisions of this section.
- 14.4.8 Where the Work has been terminated by the DEPARTMENT said termination shall not affect or terminate any of the rights of the DEPARTMENT against the CONTRACTOR or his Surety then existing or which may thereafter accrue because of such default. Any retention or payment of monies by the DEPARTMENT due to the CONTRACTOR under the terms of the Contract shall not release the CONTRACTOR or his Surety from liability.
- 14.4.9 The contractor's termination claim may not include claims that pre dated the notice for termination for convenience. Those claims shall be prosecuted by the contractor under Article 15.
- 14.4.10 The contractor's termination claim may not exceed the total dollar value of the contract as awarded plus agreed upon change orders less the amounts that have been paid for work completed.
- a. Unless otherwise provided for in the Contract Documents, or by applicable statute, the CONTRACTOR, from the effective date of termination and for a period of three years after final settlement under this Contract, shall preserve and make available to the DEPARTMENT at all reasonable times at the office of the CONTRACTOR, all its books, records, documents, and other evidence bearing on the cost and expenses of the CONTRACTOR under his Contract and relating to the Work terminated hereunder.
- b. Definitions. In this Subsection 108-1.09, the term "cost" and the term "expense" mean a monetary amount in U.S. Dollars actually incurred by you, actually reflected in your contemporaneously maintained accounting or other financial records and supported by original source documentation.
- c. Cost Principles. The Department may use the federal cost principles at 48 CFR §§ 31.201-1 to 31.205-52 (or succeeding cost principles for fixed price contracts) as guidelines in determining allowable costs under this Subsection to the extent they are applicable to construction contracts and consistent with the specifications of this Contract. The provisions of this contract control where they are more restrictive than, or inconsistent with, these federal cost principles."

SC-15-CLAIMS AND DISPUTES

At General Conditions Article 15 – Claims and Disputes, delete this section in its entirety and substitute the following text:

"ARTICLE 15 - CLAIMS FOR ADJUSTMENT AND DISPUTES

15.1 Notification

- 15.1.1 The CONTRACTOR shall notify the DEPARTMENT in writing as soon as the CONTRACTOR becomes aware of any act or occurrence which may form the basis of a claim for additional compensation or an extension of Contract Time or of any dispute regarding a question of fact or interpretation of the Contract. The DEPARTMENT has no obligation to investigate any fact or occurrence that might form the basis of a claim or to provide any additional compensation or extension of Contract Time unless the CONTRACTOR has notified the DEPARTMENT in writing in a timely manner of all facts the CONTRACTOR believes form the basis for the claim.
- 15.1.2 If the CONTRACTOR believes that he is entitled to an extension of Contract Time, then the CONTRACTOR must state the contract section on which he basis his extension request, provide the DEPARTMENT with sufficient information to demonstrate that the CONTRACTOR has suffered excusable delay, and show the specific amount of time to which the CONTRACTOR is entitled. The DEPARTMENT will not grant an extension of Contract Time if the CONTRACTOR does not timely submit revised schedules under **Section 01310.**

-
- 15.1.3 If the matter is not resolved by agreement within 7 days, the CONTRACTOR shall submit an Intent to Claim, in writing, to the DEPARTMENT within the next 14 days.
- 15.1.4 If the CONTRACTOR believes additional compensation or time is warranted, then he must immediately begin keeping complete, accurate, and specific daily records concerning every detail of the potential claim including actual costs incurred. The CONTRACTOR shall provide the DEPARTMENT access to any such records and furnish the DEPARTMENT copies, if requested. Equipment costs must be based on the CONTRACTOR's internal rates for ownership, depreciation, and operating expenses and not on published rental rates. In computing damages, or costs claimed for a change order, or for any other claim against the Department for additional time, compensation or both, the contractor must prove actual damages based on internal costs for equipment, labor or efficiencies. Total cost, modified total cost or jury verdict forms of presentation of damage claims are not permissible to show damages. Labor inefficiencies must be shown to actually have occurred and can be proven solely based on job records. Theoretical studies are not a permissible means of showing labor inefficiencies. Home office overhead will not be allowed as a component of any claim against the Department.
- 15.1.5 If the claim or dispute is not resolved by the DEPARTMENT, then the CONTRACTOR shall submit a written Claim to the Contracting Officer within 90 days after the CONTRACTOR becomes aware of the basis of the claim or should have known the basis of the claim, whichever is earlier. The Contracting Officer will issue written acknowledge of the receipt of the Claim.
- 15.1.6 The CONTRACTOR waives any right to claim if the DEPARTMENT was not notified properly or afforded the opportunity to inspect conditions or monitor actual costs or if the Claim is not filed on the date required.

15.2 Presenting the Claim

- 15.2.1 The Claim must include all of the following:
- a. The act, event, or condition the claim is based on
 - b. The Contract provisions which apply to the claim and provide relief
 - c. The item or items of Contract work affected and how they are affected
 - d. The specific relief requested, including Contract Time if applicable, and the basis upon which it was calculated
 - e. A statement certifying that the claim is made in good faith, that the supporting cost and pricing data are accurate and complete to the best of your knowledge and belief, and that the amount requested accurately reflects the Contract adjustment which the CONTRACTOR believes is due.

15.3 Claim Validity, Additional Information, and DEPARTMENT's Action

- 15.3.1 The Claim, in order to be valid, must not only show that the CONTRACTOR suffered damages or delay but that it was caused by the act, event, or condition complained of and that the Contract provides entitlement to relief for such act, event, or condition.
- 15.3.2 The DEPARTMENT can make written request to the CONTRACTOR at any time for additional information relative to the Claim. The CONTRACTOR shall provide the DEPARTMENT the additional information within 30 days of receipt of such a request. Failure to furnish the additional information may be regarded as a waiver of the Claim.

15.4 Contracting Officer's Decision

The CONTRACTOR will be furnished the Contracting Officer's Decision within 90 days, unless the Contracting Officer requests additional information or gives the CONTRACTOR notice that the time for issuing a decision is being extended for a specified period under AS 36.30.620. The Contracting Officer's decision is final and conclusive unless, within 14 days of receipt of the decision, the

CONTRACTOR delivers a Notice of Appeal to the Appeals Officer. Procedures for appeals are covered under AS 36.30.625 and AS 36.30.630.

15.5 Fraud and Misrepresentation in Making Claims

Criminal and Civil penalties authorized under AS 36.30.687 (including, but not limited to, forfeiture of all claimed amounts) may be imposed on the CONTRACTOR if the CONTRACTOR makes or uses a misrepresentation in support of a claim or defraud or attempt to defraud the DEPARTMENT at any stage of prosecuting a claim under this Contract.”

END OF SECTION

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SITKA PIONEER HOME BATHROOM ACCESSIBILITY

95% REVIEW - MAY 19, 2022

ARCHITECT OF RECORD

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← 1" ACTUAL →

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

PROJECT NOTES

1. THE WORK OF THIS CONTRACT OCCURS ON A FULLY OCCUPIED SENIOR ASSISTED LIVING FACILITY. OCCUPANTS ARE THERE 24 HOURS A DAY, SEVEN DAYS A WEEK. SPECIAL PROVISIONS AND COORDINATION WITH THE FACILITY STAFF MUST OCCUR TO PROTECT OCCUPANTS FROM EXCESS NOISE AND DUST, AND ACCESS TO THE CONSTRUCTION AREA.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE FABRICATION AND INSTALLATION OF ALL MATERIALS AND EQUIPMENT IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE (IBC 2012 EDITION, AS AMENDED BY THE CBS) AND ALL ITS RELATED DOCUMENTS AND AMENDMENTS. ALL MATERIALS SHALL BE STORED, HANDLED, AND INSTALLED PER MANUFACTURERS' OR MATERIAL ASSOCIATIONS' INSTRUCTIONS AND RECOMMENDATIONS.
3. THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL CONDITIONS AFFECTING THE PROJECT SCOPE OF WORK, AND WILL NOTIFY THE OWNER OF ANY DISCREPANCIES, AND/OR VARYING CONDITIONS. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION RELATED ACTIVITIES WITH THE OWNER PRIOR TO EXECUTING ANY WORK OF THIS CONTRACT. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO THE FABRICATION AND INSTALLATION OF ANY MATERIALS. CONTRACTOR SHALL PROTECT ALL WORK AREAS FROM DAMAGE DUE TO CONSTRUCTION, RELATED WORK, AND WEATHER. DAMAGED AREAS WILL BE RESTORED TO THEIR ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
4. CONTRACTOR SHALL COORDINATE THE REMOVAL AND REINSTALLATION OF ALL ELECTRICAL AND FIRE PROTECTION DEVICES, PIPING, WIRES AND CONDUITS AS REQUIRED TO COMPLETE THE WORK, AND THE SATISFACTORY REACTIVATION OF THOSE DEVICES WITH THE COMPLETION OF THE WORK. DEVICES IDENTIFIED ON THE ARCHITECTURAL PLANS AND REFLECTED CEILING PLANS ARE FOR REFERENCE AND TO ILLUSTRATE QUANTITY AND SCOPE OF THE OVERALL PROJECT, BUT DO NOT REPRESENT ALL CONDUIT AND WIRING AND SPRINKLER PIPING THAT MAY BE AFFECTED BY THE WORK
5. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF ALL ROOF, CEILING, AND FLOOR MOUNTED CONSTRUCTION RIGGING. AVOID STACKING ANY CONCENTRATED LOADS ON THE EXISTING FLOOR AND ROOF STRUCTURES. CONTRACTOR WILL BE RESPONSIBLE FOR ALL TEMPORARY SHORING. ALL OPENINGS WILL BE REPAIRED WITH MATERIALS AND ASSEMBLIES TO MATCH EXISTING.
6. UTILITIES: OWNER WILL FURNISH ELECTRICAL POWER (120V) FOR EQUIPMENT AND LIGHTING, AND WATER. CONTRACTOR IS REQUIRED TO FURNISH ALL TEMPORARY SERVICES, CONSTRUCTION LIGHTING AND HEAT.
7. INSPECTION: THE CONTRACTOR IS TO NOTIFY OWNER OF DAMAGED MATERIALS IN EXCESS OF THOSE IDENTIFIED IN THE CONSTRUCTION DOCUMENTS OBSERVED DURING CONSTRUCTION. REPLACE DAMAGED MATERIALS AS DIRECTED AND AUTHORIZED BY THE OWNER. WORK OUTSIDE THE SCOPE OF THIS CONTRACT SHALL, ON THE AUTHORIZATION OF THE OWNER, BE REPLACED AT ADDITIONAL NEGOTIATED COST TO THE CONTRACT.
8. ALL ITEMS IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS ARE NEW AND TO BE PROVIDED AS A PART OF THIS CONTRACT, UNLESS OTHERWISE NOTED.
9. DRAWING SCALE: THIS SET OF DRAWINGS HAS BEEN PRODUCED WITH SCALE INDICATORS AND BARS TO PRINT FULL SIZE 22"x34" SHEET SETS. FOR THE PURPOSE OF CLARITY, 22"x34" DRAWING SETS WILL BE IDENTIFIED AS "FULL-SIZE" SETS, AND 11"x17" DRAWING SETS WILL BE REFERRED TO AS "HALF-SIZE" SETS. FOR THE PURPOSE OF ACCURACY, VERIFY ALL MEASURED DIMENSIONS WITH SCALE BARS PROVIDED FOR AND THE SCALE VERIFICATION BAR IN THE ARCHITECTURAL TITLE BLOCK.

SCOPE SUMMARY

GENERAL: SCOPE IS FOR ACCESSIBILITY AND FINISH RENOVATIONS AT LEVEL ONE AND LEVEL TWO BATHROOMS, INCLUDING MODIFICATIONS TO HALLWAY OPENINGS TO BETTER FACILITATE ACCESSIBLE EQUIPMENT ACCESS.

ARCHITECTURAL

1. REMOVE EXISTING FIXTURES AND FINISHES AS INDICATED
2. REMOVE CONCRETE THRESHOLD AT SHOWER.
3. REMOVE INDICATED DOOR AND WALL ASSEMBLIES AS REQUIRED FOR RECONFIGURATION AND ESTABLISHING CLEARANCES.
4. INSTALL NEW DOOR AND WALL ASSEMBLIES.
5. INSTALL NEW FIXTURES AND FINISHES AS INDICATED, INCLUDING FLOORING AN SUB-FLOORING TAPERED TO FACILITATE BOTH ACCESS AND WATER DRAINAGE TO FLOOR AND SHOWER DRAINS.

PLUMBING: COORDINATE WITH MECHANICAL CONSULTANT, DRAWING SHEETS PROVIDED.

1. REMOVE AND REPLACE ALL INDICATED PLUMBING FIXTURES.
2. MODIFY PLUMBING FOR CLOTHING WASHER, ROOM 133
3. REPLACE SHOWER DRAIN IN ROOM 133 IN CONJUNCTION WITH FINISH UPGRADES.

ELECTRICAL: COORDINATE WITH ELECTRICAL CONSULTANT, DRAWING SHEETS PROVIDED.

1. INSPECT AND LOAD TEST ANY EXISTING ELECTRICAL WIRING TO REMAIN INTENDED TO SERVE BATHROOMS.
2. INSTALL NEW CONDUIT BOXES AND DEVICES AS REQUIRED TO SUPPORT ARCHITECTURAL AND MECHANICAL/PLUMBING WORK.

HAZ-MAT COORDINATE WITH HAZMAT CONSULTANT, DRAWING SHEETS PROVIDED.

1. HISTORIC SAMPLING INFORMATION IDENTIFIES THAT SOME PIPE AND FITTING INSULATION AT SITKA PIONEER HOME CONTAINS ASBESTOS. ANY PIPE OR FITTING INSULATION EXCEPT FIBERGLASS OR FOAM IS SUSPECT FOR ASBESTOS CONTENT. ALL SUSPECT MATERIALS MUST BE REMOVED BY CERTIFIED ASBESTOS ABATEMENT WORKERS AND ALL REMOVAL AND DISPOSAL MUST BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
2. HISTORIC INFORMATION AND BUILDING AGE INDICATE THAT WALL AND CEILING FINISHES IN SPH CONTAIN LEAD. ALL WALL AND CEILING FINISHES MUST BE REMOVED BY WORKERS HOLDING CURRENT OSHA LEAD IN CONSTRUCTION TRAINING, AND ALL REMOVAL AND DISPOSAL MUST BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
3. THE EPA LEAD RRP RULE DOES NOT APPLY TO THIS PROJECT.

INDEX

GENERAL

- G1.0 PROJECT NOTES, SCOPE SUMMARY, INDEX
- G2.0 OVERALL BUILDING KEY PLAN
- G3.0 ARCHITECTURAL SPECIFICATION

ARCHITECTURAL

- A1.0 OVERALL BUILDING KEY PLAN
- A2.0 BATHROOM DEMOLITION PLAN
- A3.0 BATHROOM PLAN
- A4.0 INTERIOR ELEVATIONS
- A5.0 DETAILS

HAZMAT

- HAZ1.0 LEAD REMOVAL SPECIFICATIONS AND DEFINITIONS
- HAZ1.1 ASBESTOS ABATEMENT SPECIFICATIONS AND DEFINITIONS

MECHANICAL

- M0.1 LEGENDS AND ABBREVIATIONS
- M0.2 SCHEDULES AND SPECIFICATIONS
- MD1.0 DEMOLITION FLOOR PLAN
- M1.0 FLOOR PLAN

ELECTRICAL

- ED1.0 DEMOLITION FLOOR PLANS
- ED1.1 PHOTOS
- E1.0 FLOOR PLANS
- E9.0 SPECIFICATIONS

SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
STATE OF ALASKA - JNU 16-14C
SITKA, ALASKA

SHEET TITLE:

PROJECT NOTES,
SCOPE SUMMARY
INDEX

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DIVISION 0 – GENERAL CONDITIONS

SUBMITTALS: PROVIDE SUBMITTALS, INCLUDING SHOP DRAWINGS, PRODUCT LITERATURE, COLOR/PATTERN SELECTIONS, AND PROPOSED SUBSTITUTION FOR CONSULTANT AND CLIENT REVIEW AND APPROVAL PRIOR TO PROCUREMENT. DIGITAL SUBMITTALS FORMATTED TO STREAMLINE REVIEW PREFERRED. CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND ASSEMBLY OF ALL COMPONENTS OF THE WORK.

DIVISION 03 – CONCRETE
CONCRETE AND TERRAZZO CUTTING AT DOORWAY AS REQUIRED.

CEMENTITIOUS LEVELING AND SLOPING COMPOUND COVER FULL ROOM AREA, AS NEEDED. FEATHER INTO ADJACENT FLOOR

DIVISION 06 – WOOD AND PLASTICS:

061000 ROUGH CARPENTRY:
HEM–FIR, DIMENSIONAL LUMBER TO MATCH EXISTING, #2 OR BETTER

064023 INTERIOR ARCHITECTURAL WOODWORK
CASEWORK AND CABINERY: SEE PLANS, SUBMIT SHOP DRAWINGS BASED ON PLANS AND NOTES.
1. BASIS OF DESIGN: PLASTIC LAMINATE FACED COMMERCIAL MILLWORK, FLAT–FRONT STYLE DOORS, STAINLESS WIRE PULLS & EUROPEAN HINGES. ALL PLYWOOD SHELVES AND FACE PANELS (NO PARTICLE BOARD). PVC EDGE–BANDING TO MATCH FACES. PLYWOOD CORE ALL SHELVES AND DOOR FACES.

DIVISION 08 – OPENINGS:

087100 DOORS AND FRAMES:
INTERIOR: DOORS (X2): FACTORY CLEAR–FINISHED SOLID LUMBER CORE 5–PLY+ WOOD DOORS WITH FACTORY FINISHED KNOCK DOWN FRAMES AND TRIM; TIMELY OR EQUAL. DOOR VENEER SPECIES AND FINISH: BIRCH (UNIFORM).
A. 5–KNUCKLE BALL–BEARING HINGES, ALL DOORS STANLEY/BEST OR SIMILAR. F QUANTITY (4) BUTTS AT EACH WIDE DOOR.
B. HEAVY DUTY CYLINDRICAL LOCKSETS WITH ADA COMPLIANT LEVERS AT EACH DOOR. STANLEY BEST OR ASSA ABLOY, TYP. PRIVACY FUNCTION.
C. ADA COMPLIANT LEVERS, ALL DOORS. HALF, HEIGHT, FULL WIDTH PROTECTION PLATES (STAINLESS STEEL) AT PUSH SIDE OF EACH DOOR.
D. DOOR CLOSER AND HOLDER (ADA COMPLIANT). LCN 4040SE SENTRONIC, OR APPROVED EQUAL. COORDINATE POWER OFF OF EXISTING MAGNETIC HOLDER LOCATIONS.
E. DOOR HARDWARE STANDARD: ANSI/BHMA GRADE 2
F. BRUSHED BRUSHED NICKEL HARDWARE FINISH AT INTERIOR DOORS.

DIVISION 09 – FINISHES:

092900 GYPSUM BOARD:
5/8" TYPE X, TYP.
1. PROVIDE METAL CORNER TRIMS AND J–MOLDINGS, AND VINYL EXPANSION JOINTS.
2. PROVIDE ALL DRYWALL MUDS AND TAPES, TEXTURES TO MATCH EXISTING. PAINT OUT AS REQUIRED TO BLEND WITH SURROUNDING.
3. MOISTURE RATED GYPSUM BOARD AT BATHROOM AND TUB ROOM.
4. FIRE RATED ASSEMBLIES AS NOTED

FLOORING:

1) CERAMIC FLOOR AND WALL TILE AT SHOWERS (X2)
SHOWER SURROUND: 4X12 SUBWAY TILE, GLOSS WHITE CERAMIC INSTALLED OVER MASTIC TYPE WATERPROOFING (REDGUARD OR SIM.) AND CEMENT BACKING UNITS, FULLHEIGHT. INSTALL FULL HEIGHT PRESERVATIVE TREATED PLYWOOD BACKING FULL HEIGHT FOR ATTACHMENT OF GRAB RAILS, BENCHES AND ACCESSORIES.
SHOWER PAN: 1" PORCELAIN HEXAGONAL MOSAIC WITH MATCHING COVE TO WALL INSTALLED OVER WATERPROOF MEMBRANE SHOWER PAN ON MORTAR BED, SLOPED TO DRAIN. MATT FINISH TILE, WHITE.
CURB TRANSITION TO FLOORING: MARBLE – 4" WIDE X ½" TALL (RAISED)
GROUT: DELOREAN GRAY

096513 FLOORING SPECIALTIES – RUBBER TRANSITIONS AND RUBBER BASE.
BASIS OF DESIGN: THERMOSET RUBBER BY ROPE OR JOHNSONITE. WALKING SURFACE TRANSITIONS COLOR TO BE COORDINATED WITH FLOORING SELECTION. RUBBER BASE INSTALL LOCATIONS: ENTRY AREAS OUTSIDE BATHROOM AND BATHING ROOM.

096516 RESILIENT FLOORING AT BATHROOM AND BATHING ROOM.
BASIS OF DESIGN: ARMSTRONG MEDINTECH HOMOGENOUS SHEET FLOORING WITH SLIP RESISTANT SURFACE AND 4" INTEGRAL COVE BASE. HEAT WELDED SEAMS.
1) SUBSTRATE PREPARATION: TROWELABLE WATERPROOF POLYMER–BOND CEMENT BASE FEATHER EDGE COMPOUND, OVER EXISTING CONCRETE SUBSTRATE, TO ESTABLISH EVEN SUBSTRATE SURFACE AND SLOPE TO DRAIN WHERE APPLICABLE. BASIS OF DESIGN BY PROSPEC OR ARDEX.
2) NOTE – EXTEND INTO ENTRY AREAS OUTSIDE OF BATHROOM AND BATHING ROOM TO A CLEAR TRANSITION POINT TO EXISTING FLOORING.

099123 INTERIOR PAINTING:
INTERIOR: DESIGN–BUILD COORDINATION WITH OWNER TO MATCH PAINT SYSTEMS AND PRODUCTS USED AT FACILITY.
A. AT INTERIOR GYPSUM WALLBOARD SURFACES PREP AND PAINT WITH ONE COAT PVA PRIMER AND COATS REQUIRED TO COVER OF EGGHELL LATEX PAINT.
B. CLEAR FINISH ALL INTERIOR WOOD DOORS AND TRIM.
C. GLOSS ACRYLIC ENAMEL AT PAINTED HOLLOW METAL DOORFRAMES

DIVISION 10 – ACCESSORIES

102800 WASHROOM ACCESSORIES

TOILET TISSUE (ROLL) DISPENSER (TPD):
A. BASIS–OF–DESIGN PRODUCT: BOBRICK WASHROOM EQUIPMENT, INC; B–66997
B. DESCRIPTION: ROLL TYPE TOILET TISSUE DISPENSER WITH HOOD.
C. MOUNTING: SURFACE
D. CAPACITY: DESIGNED FOR 5–INCH– (127–MM–) DIAMETER TISSUE ROLLS.
E. MATERIAL AND FINISH: STAINLESS STEEL, ASTM A480/A480M NO. 4 FINISH (SATIN)

PAPER TOWEL (ROLL) DISPENSER (PTD): REUSE EXISTING

TOILET SEAT COVER DISPENSER (TSC): REUSE EXISTING

WASTE RECEPTACLE (WR):
A. BASIS OF DESIGN: BOBRICK B–9279
B. DESCRIPTION: SURFACE MOUNTED 6 GAL WASTE RECEPTACLE WITH LEAKPROOF LINER.
C. MATERIAL AND FINISH: STAINLESS STEEL, ASTM A480/A480M NO. 4 FINISH (SATIN)

SOAP DISPENSER (SD): REUSE EXISTING/OFOI

GRAB BARS (GB)
A. BASIS–OF–DESIGN PRODUCT: BOBRICK WASHROOM EQUIPMENT, INC; B–6806 SERIES.
B. MOUNTING: FLANGES WITH CONCEALED FASTENERS. GRAB BARS: INSTALLED UNITS CAN RESIST 250 LBF (1112 N) CONCENTRATED LOAD APPLIED IN ANY DIRECTION AND AT ANY POINT.
C. MATERIAL: STAINLESS STEEL, 0.05 INCH (1.3 MM) THICK.
D. FINISH: SMOOTH, ASTM A480/A480M NO. 4 FINISH (SATIN).
E. OUTSIDE DIAMETER: 1–1/2 INCHES (38 MM).
F. CONFIGURATION AND LENGTH (TOILET STALL): CODE ACCESSIBLE TOILET CONFIGURATION COMPRISED OF SINGLE PIECE TWO–WALL COMPARTMENT BAR, PLUS ADDITIONAL VERTICAL BAR, REQUIRE BY CODE.
G. CONFIGURATION AND LENGTH (SHOWER STALL STALL):
– AT SHOWER IN ROOM 133: REUSE EXISTING (THREE BARS)
– AT SHOWER IN ROOM 233: MATCH CONFIGURATION IN 133 WITH NEW (THREE BARS)

BARIATRIC FOLDING SHOWER SEAT (BFSS):
A. BASIS OF DESIGN: BOBRICK B–918116R
B. DESCRIPTION: BARIATRIC FOLDING SHOWER SEAT WITH LEGS.

RECESSED SOAP DISH (RSD)
A. BASIS OF DESIGN: BOBRICK B4390
B. DESCRIPTION: RECESSED HEAVY–DUTY SOAP DISH WITH BAR

MIRROR UNIT (MIR): REUSE EXISTING WITH INTEGRAL SHELF.

HOOK (RH):
A. BASIS–OF–DESIGN PRODUCT: BOBRICK WASHROOM EQUIPMENT, INC; B–7671
B. DESCRIPTION: SINGLE–PRONG UNIT.
C. MOUNTING: CONCEALED.
D. MATERIAL AND FINISH: STAINLESS STEEL, ASTM A480/A480M NO. 4 FINISH (SATIN).

UNDERLAVATORY GUARD: COORDINATE WITH DIVISION 22 OR PROVIDE IF NOT NOTED.

CORNER GUARD (CG): PREFORMED 3"x3"42" TALL STAINLESS STEEL,BRUSHED FINISH.

SHOWER CURTAIN AND ROD (SC): BASIS OF DESIGN BOBRICK B–207
A. CURTAIN:40"x72" GROMMET–HOLE 100% COTTON CURTAIN WITH CURTAIN LINER.
B. COLOR: WHITE.

101700 PLASTIC TOILET PARTITIONS
SOLID MOLDED HDPE PLASTIC PANEL, WALL AND FLOOR MOUNTED, PYLON TO CEILING BRACED.
A. BASIS OF DESIGN DESIGN: YEMM & HART GREEN PARTITIONS AT WWW.YEMMHART.COM OR APPROVED EQUAL
B. PANEL AND PYLON THICKNESS: 1"
C. HARDWARE; WALL BRACKET AND STIRRUPS, PYLON SHUE: SATIN STAINLESS STEEL WITH STAINLESS STEEL FASTENERS.
D. COLOR: TBD WITH OF MANUFACTURER’S STANDARD RANGE.

DIVISION 11 – EQUIPMENT

113013 RESIDENTIAL APPLIANCES

1) BASIS OF DESIGN WASHER: CLOTHING WASHER SALVAGED AND REINSTALLED, ROOM 133
2) BASIS OF DESIGN CLOTHING DRYER (HEAT PUMP VENTLESS): NEW WHIRLPOOL 7.4 CUBIC FOOT HEAT PUMP ELECTRIC DRYER WITH TOUCH CONTROLS. ENERGY STAR CERTIFIED – WHITE.

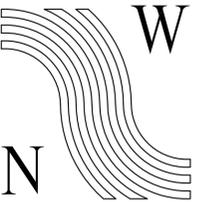
DIVISION 12 – FURNISHINGS

STAINLESS STEEL CORNER GUARDS WHERE NOTED.

122413 ROLLER WINDOW SHADES
1. MANUAL CHAIN– DRIVE ROLLER BLINDS WITH 5% LIGHT FILTERING CLOTH AND OUTBOARD REFLECTIVITY. BY DRAPER OR MECHOSHADE, TYP

DIVISION 21–25 – MECHANICAL/HVAC/PLUMBING
REFER TO MECHANICAL AND PLUMBING DRAWINGS AND SHEET SPECIFICATIONS.

DIVISION 26–28 – ELECTRICAL
REFER TO ELECTRICAL DRAWINGS AND SHEET SPECIFICATIONS.



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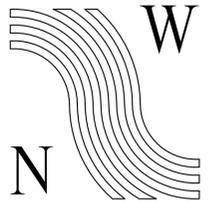
**SITKA PIONEER HOME
BATHROOM ACCESSIBILITY**
STATE OF ALASKA – JNU 16–14C
SITKA, ALASKA

SHEET TITLE:
**ARCHITECTURAL
SPECIFICATION**

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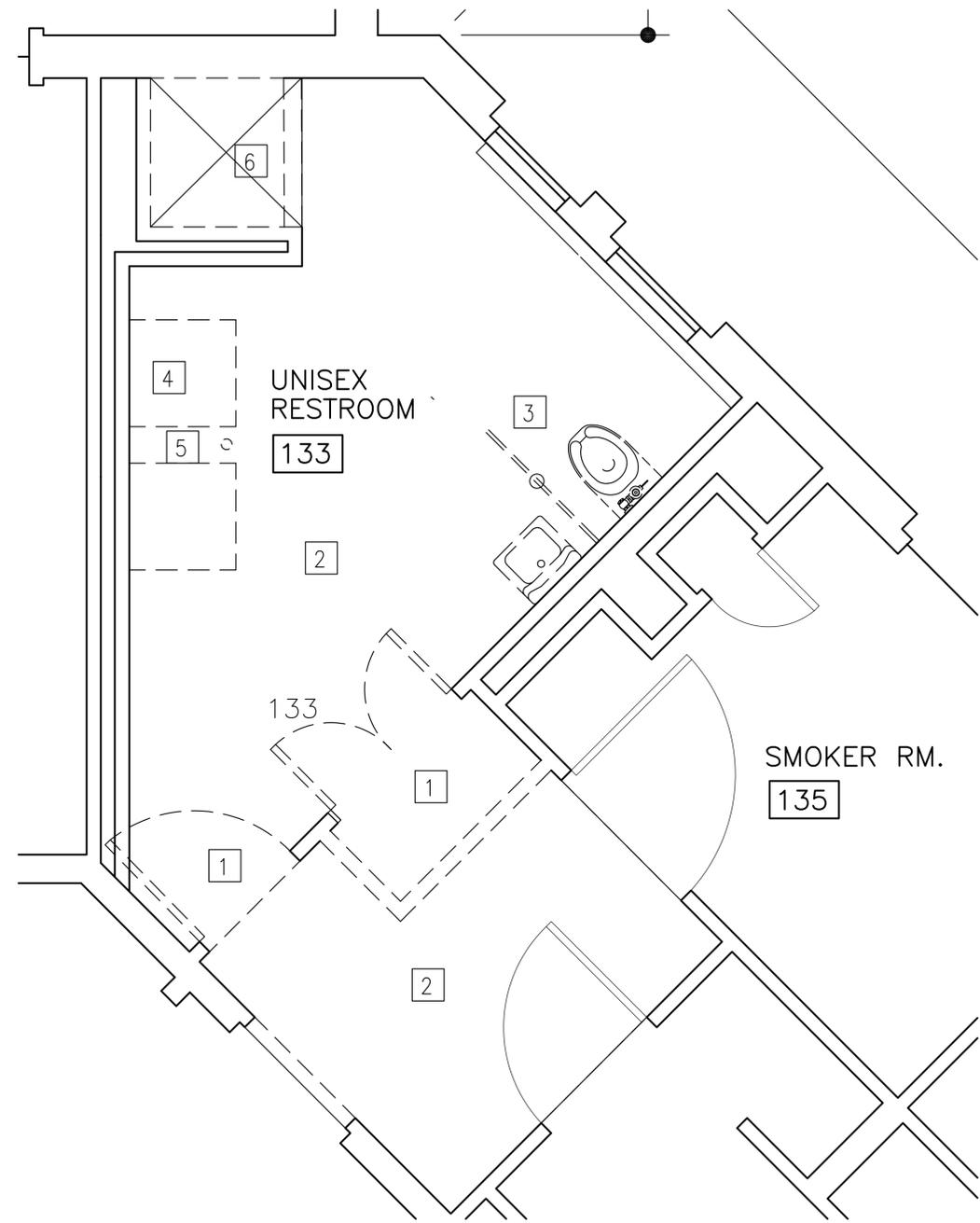


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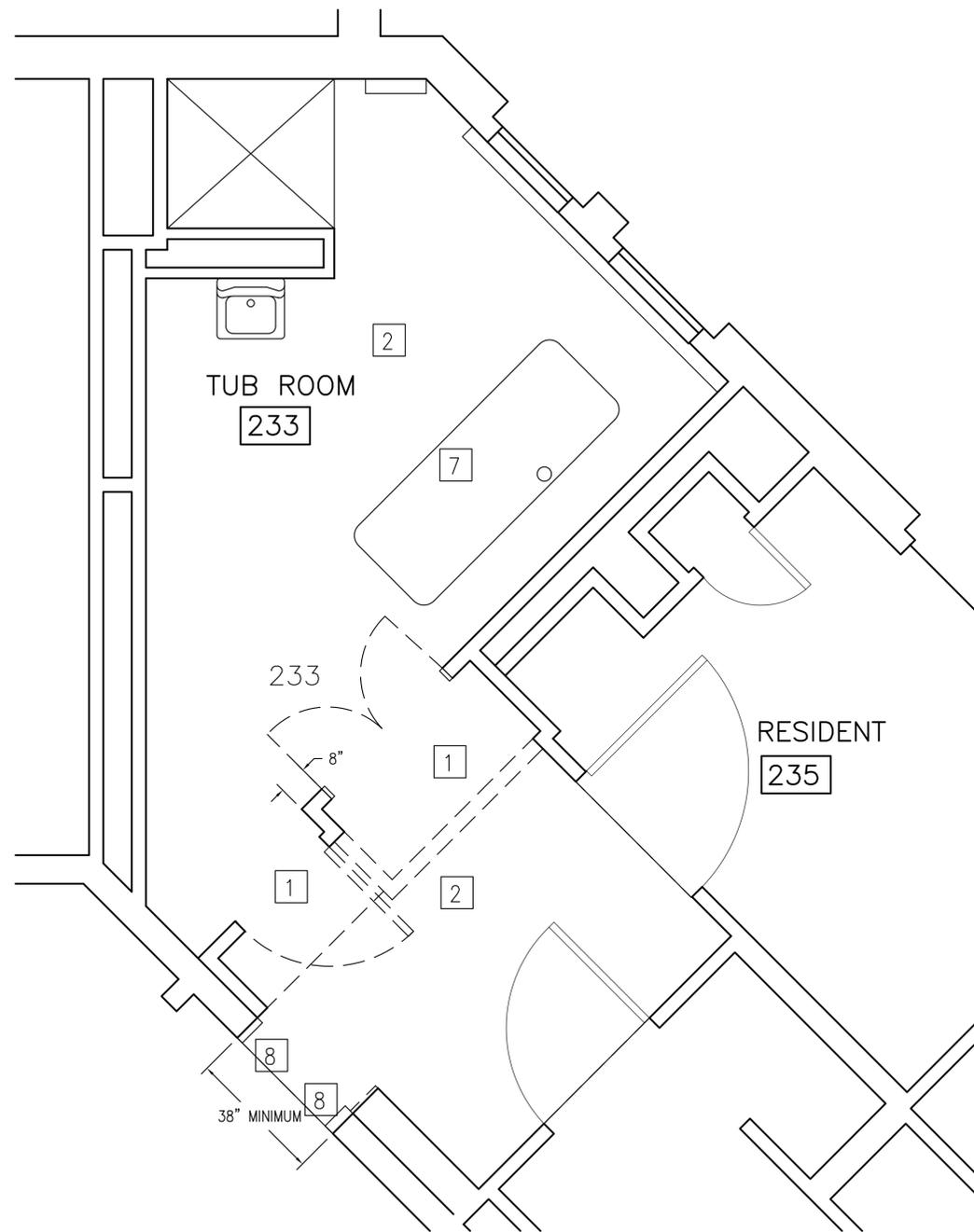
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① DEMOLITION FLOOR PLAN - FLOOR 1, ROOM 133
1/2" = 1'-0"



② DEMOLITION FLOOR PLAN - FLOOR 2, ROOM 233
1/2" = 1'-0"



DEMOLITION KEY NOTES:

- 1 REMOVE DOOR, DOOR FRAME AND WALL AS INDICATED. SALVAGE HARDWARE AND TURN OVER TO OWNER.
- 2 REMOVE FLOORING IN ENTIRE ROOM. EXTEND REMOVAL INTO ADJACENT ENTRY AREA TO EXTENT OF WORK REQUIRED.
- 3 REMOVE FIXTURES AND PARTITIONS.
4. SALVAGE EXISTING WASHER AND DRYER. TURN DRYER OVER TO OWNER. RETAIN WASHER FOR REINSTALLATION.
5. REMOVE SURFACE PIPE AND CONDUIT.
6. REMOVE FLOOR AND WALL TILE AND SUBSTRATE MATERIALS AS REQUIRE TO COMPLETE THE WORK. TO ELEVATION 8' ABOVE FINISH FLOOR.
7. SALVAGE AND STORE FOR REINSTALLATION EXISTING TUB AND BATHING EQUIPMENT
8. REMOVE GYPSUM WALL BOARD AND FURRING FULL HEIGHT OF OPENING TO CREATE FINISHED OPENING NO LESS THAN 38" WIDE. MAY REQUIRE LIMITED CONCRETE REMOVAL. SAW-CUT HALLWAY-SIDE TERRAZZO WALL BASE PLUMB AND CLEAN. ALL FINISHES ARE ASSUMED TO CONTAIN LEAD. ALL DISTURBANCE OF WALL AND CEILING MATERIALS MUST BE DONE BY TRAINED WORKERS IN ACCORDANCE WITH SECTION 028333.

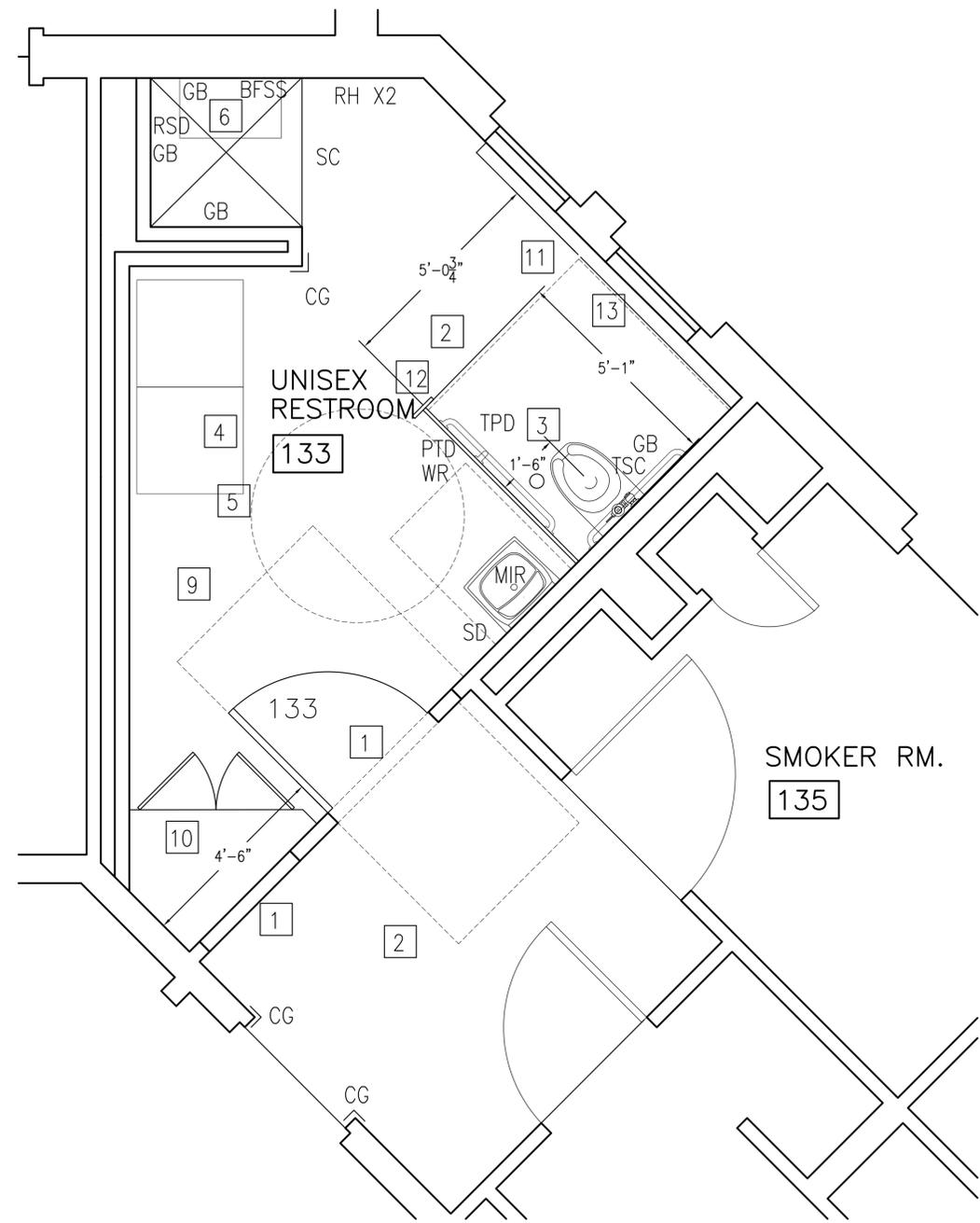
SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
 STATE OF ALASKA - JNU 16-14C
 SITKA, ALASKA

SHEET TITLE:
DEMOLITION
FLOOR PLAN

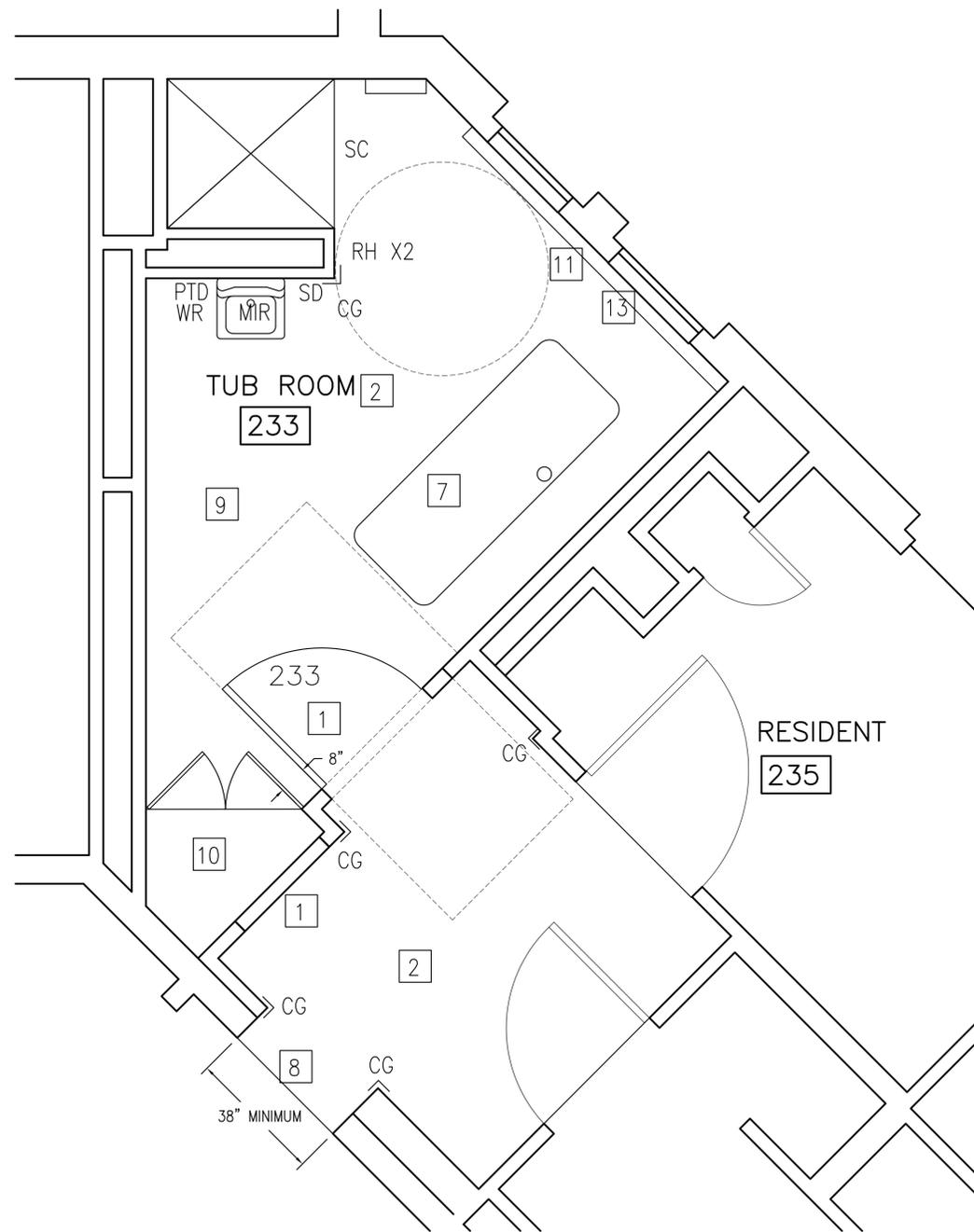
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1 FLOOR PLAN - FLOOR 1, ROOM 133
1/2" = 1'-0"



2 FLOOR PLAN - FLOOR 2, ROOM 233
1/2" = 1'-0"



WORK PLAN KEY NOTES:

1. CONSTRUCT NEW WOOD FRAMED WALLS WITH NEW 5/8" GYPSUM WALL BOARD, PAINTED. INSTALL NEW 40" WIDE X 7' TALL DOOR IN HOLLOW METAL FRAME, WITH ALL HARDWARE.
2. FLOAT CEMENTITIOUS UNDERLAYMENT WITH POSITIVE DRAINAGE TO EXISTING FLOOR DRAIN AND SHOWER DRAIN LOCATIONS. INSTALL NEW FLOORING AND WALL BASE. INTEGRAL COVE BASE IN ROOMS 133 AND 233, RUBBER BASE IN VESTIBULE ENTRY AREA.
3. INSTALL NEW FIXTURES, PARTITIONS GRAB RAILS AND EQUIPMENT.
4. REINSTALL SALVAGED WASHER. INSTALL NEW VENTLESS HEAT PUMP DRYER. COORDINATE HOOKUP INSTALLATION WITH MECHANICAL AND ELECTRICAL.
5. PATCH HOLES IN FLOOR IN ADVANCE OF OTHER WORK.
6. INSTALL NEW BACKING TO SUPPORT GRAB RAILS AND ADA BENCH. INSTALL CEMENT WALL BOARD. INSTALL WATERPROOF MEMBRANE AT SHOWER WALLS AND FLOOR PAN. INSTALL NEW CERAMIC WALL AND FLOOR TILE. INSTALL LOW PROFILE MARBLE THRESHOLD. INSTALL NEW ADA COMPLIANT FOLD-DOWN BENCH AND GRAB RAILS. COORDINATE INSTALLATION OF NEW ADA COMPLIANT SHOWER ASSEMBLY WITH TEMPERING VALVE WITH MECHANICAL/PLUMBING DOCUMENTS.
7. REINSTALL TUB AND BATHING EQUIPMENT.
8. REPAIR WALL SURFACES FULL HEIGHT OF OPENING WITH CEMENT PLASTER. INSTALL FULL 3" X 3" HEIGHT STAINLESS STEEL CORNER GUARDS WITH HEMMED EDGES AND 1/4" RADIUS BEND AT CORNER BREAK, AT ALL FOUR OUTSIDE CORNERS.
9. PAINT ALL WALL AND CEILING SURFACES.
10. INSTALL NEW PLASTIC LAMINATE CABINET FASCIA AND DOORS TO ELEVATION 8" ABOVE FINISH FLOOR, WITH LINEN SHELVES STARTING 44" ABOVE THE FLOOR AND SPACED 14" O.C. QUANTITY 3.
11. INSTALL NEW ROLLER BLINDS, ONE FOR EACH WINDOW UNIT.
12. NEW PLASTIC TOILET PARTITION WITH END PYLON, FULL HEIGHT TO CEILING.
13. REMOVE, CLEAN, PAINT AND REINSTALL EXISTING BASEBOARD CONVECTOR COVERS. CLEAN CONVECTOR FINN TUBE PRIOR TO COVER INSTALLATION.



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SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
STATE OF ALASKA - JNU 16-14C
SITKA, ALASKA

SHEET TITLE:
FLOOR PLAN

DATE: JUNE 7, 2022
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HAZARDOUS MATERIALS SPECIFICATIONS

SECTION 028333 REMOVAL OF MATERIALS CONTAINING LEAD

PART 1. GENERAL

A. RELATED DOCUMENTS

GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS; TECHNICAL SPECIFICATIONS; AND CONTRACT DRAWINGS.

B. SUMMARY

1. THE LEAD WORK ON THIS PROJECT IS IN SUPPORT OF A TOILET ROOM ACCESSIBLTY PROJECT AT THE SITKA PIONEER HOME (SPH) IN STIKA, ALASKA. HISTORIC INFORMATION AND BUILDING AGE INDICATE THAT FINISHES ON WALLS AND CEILINGS THROUGHOUT THE BUILDING CONTAIN LEAD.
2. THE BUILDING IS NON-RESIDENTIAL. THE EPA RRP RULE IS NOT APPLICABLE TO THIS PROJECT.
3. THE INTENT OF THE LEAD REMOVAL PROJECT IS TO PROPERLY CONTROL DEMOLITION OF ALL LEAD-BASED MATERIALS ON THE PROJECT TO ASSURE THAT ALL PAINT DEBRIS IS EITHER SEGREGATED OR ENTRAINED INTO THE GENERAL WASTE STREAM AND NOT LEFT ON THE PROPERTY; AND TO PROPERLY DISPOSE OF THE COMBINED WASTE STREAM FROM THE PROJECT.
4. OVERALL SAMPLING RESULTS INDICATE THAT THE COMBINED WASTE STREAM (LEAD-CONTAINING PAINT PLUS OTHER DEMOLITION DEBRIS) SHOULD BE SUITABLE FOR DISPOSAL IN A NON-HAZARDOUS LANDFILL. BIDDERS SHALL ASSUME THAT OVERALL TCLP RESULTS WILL ALLOW LOCAL DISPOSAL OF DEMOLITION DEBRIS.
5. CONTRACTOR SHALL PROVIDE TESTING AND ANALYSIS SERVICES TO DOCUMENT THE TCLP LEVEL OF THE WASTE GENERATED ON THE PROJECT.
- C. THE LEAD REMOVAL PORTION OF THE WORK INCLUDES ALL MATERIAL, LABOR, EQUIPMENT AND OTHER RELATED COSTS FOR:

1. MOBILIZATION (INCLUDING MOVING ALL EQUIPMENT AND MATERIALS ONTO THE SITE; PROVIDING NECESSARY PROJECT UTILITIES OR IMPROVING EXISTING UTILITIES AS NECESSARY, ARRANGING FOR APPROVED STORAGE AREAS, ISSUING AND POSTING ALL NOTICES, AND SUBMITTING ALL SUBMITTALS),
2. INSTALLING ALL NECESSARY CRITICAL BARRIERS AND ENGINEERING CONTROLS TO ESTABLISH NON-PERMANENT CONTROL AREAS TO ISOLATE THE VARIOUS LEAD-CONTROL AREAS AS NECESSARY AND MINIMIZE THE RISK OF EMPLOYEE EXPOSURE TO LEAD IN AIR DURING REMOVAL AND DISPOSAL OPERATIONS,
3. PROVIDING A COMPETENT PERSON TO OVERSEE ABATEMENT OPERATIONS,
4. COMPLETING ALL PROJECT ELEMENTS AS DESCRIBED IN PARAGRAPH C. ABOVE,
5. CLEANING ALL SURFACES AND SPACES WITHIN THE CONFINES OF THE CONTROL AREAS, AS NEEDED,
6. DISPOSING OF HAZARDOUS MATERIALS AND RELATED DEMOLITION DEBRIS IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS,
- REMOVING THE NON-PERMANENT CONTROL AREAS,
- PERFORMING ALL REQUIRED MONITORING, AND
- PERFORMING GENERAL CLEANUP AND DEMOBILIZATION.

D. COORDINATION AND TIMING OF LEAD REMOVAL ACTIVITIES

THE BUILDING WILL BE OCCUPIED AT ALL TIMES DURING ABATEMENT. IT IS THE RESPONSIBILITY OF THE ABATEMENT CONTRACTOR TO COORDINATE WITH THE GENERAL CONTRACTOR FOR SCHEDULING ABATEMENT ACTIVITIES. THE OWNER WILL PROVIDE ACCESS TO TEMPORARY POWER AND TO WATER FOR DIRECT PROJECT USE. THE ABATEMENT CONTRACTOR IS RESPONSIBLE FOR ALL COSTS AND EFFORT REQUIRED TO DEVELOP THOSE UTILITIES FOR HIS OR HER USE. SECURITY TO THE SITE SHALL BE MAINTAINED FOR THE DURATION OF THE WORK.

E. REFERENCE SPECIFICATIONS, CODES, AND STANDARDS

THE PUBLICATIONS LISTED BELOW FORM A PART OF THIS SPECIFICATION TO THE EXTENT REFERENCED. THE LIST IS FOR REFERENCE ONLY AND MAY NOT BE COMPREHENSIVE. PUBLICATIONS ON THE LIST ARE REFERRED TO IN THE TEXT BY THE BASIC DESIGNATION ONLY.

CODE OF FEDERAL REGULATIONS (CFR):

29 CFR 1910.134	Respiratory Protection
29 CFR 1910.145	Specs for Accident Prevention Signs and Tags
29 CFR 1926.62	Lead Exposures in Construction

Note: Alaska is a state plan state and the Division of Occupational Safety and Health (AKDOSH) is responsible for the enforcement of OSHA regulations. For projects falling under AKDOSH jurisdiction, 29 CFR 1926.62 takes precedence.

40 CFR 241	Guidelines for Land Disposal of Solid Wastes
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STATE OF ALASKA REGULATIONS

Alaska Administrative Code (AAC):

8 AAC 61	Occupational Safety and Health Standards
18 AAC 60	Solid Waste Management
18 AAC 62	Hazardous Waste Management

F. PRE-WORK SUBMITTALS

THE PRE-WORK SUBMITTAL SHALL BE SUBMITTED DIGITALLY AS A COMPLETE PACKAGE AND MODIFIED AS NECESSARY TO OBTAIN APPROVAL BY THE ENGINEER FIVE WORKING DAYS PRIOR TO ANY WORK ON THE PROJECT. THE ABATEMENT CONTRACTOR SHALL PERFORM HIS WORK IN COMPLIANCE WITH THE APPROVED PRE-WORK SUBMITTAL WHICH SHALL INCLUDE:

HAZARDOUS MATERIALS WORK PLAN: PREPARE A DETAILED PLAIN LANGUAGE PLAN COVERING THE WORK PROCEDURES TO BE USED DURING EACH AND ALL OPERATIONS INVOLVING HAZARDOUS MATERIALS. ANNOTATED BUILDING PLANS OR SITE PLANS NO LARGER THAN 11 INCHES BY 17 INCHES SHALL BE INCLUDED TO DETAIL LOCATIONS FOR CONTROL AREAS, MONITORING LOCATIONS, ACCESS AND DISPOSAL ROUTES, AND OTHER ACTIVITIES WHERE NEEDED. THE PLAN SHALL INCLUDE AS A MINIMUM THE FOLLOWING ELEMENTS:

DETAILED APPROACH TO CONTROLLING LEAD ON THE PROJECT;

SCHEDULE FOR LEAD ACTIVITIES;

TESTING LABORATORY: SUBMIT THE NAME, ADDRESS, TELEPHONE NUMBER AND QUALIFICATIONS OF THE INDEPENDENT TESTING LABORATORY SELECTED TO PERFORM THE MONITORING, TESTING AND REPORTING OF AIRBORNE LEAD

TRAINING: SUBMIT CERTIFICATES SIGNED BY EACH EMPLOYEE AND THE INDUSTRIAL HYGIENIST THAT EACH EMPLOYEE HAS RECEIVED THE TRAINING REQUIRED BY 29 CFR 1926.62, AND APPROPRIATE STATE OF ALASKA REGULATIONS AND THIS SPECIFICATION. INCLUDE PROOF THAT EACH EMPLOYEE HAS COMPLETED LEAD AWARENESS TRAINING.

PROTECTIVE EQUIPMENT AND PROTECTIVE METHOD PLANS: DETAILS OF PLANNED PERSONNEL PROTECTIVE EQUIPMENT REQUIREMENTS AND PROTECTIVE METHODS, INCLUDING RESPIRATORS AS WILL BE REQUIRED FOR EACH SPECIFIC TYPE OF OPERATION OR CONDITION. INCLUDE SUPPORTING JUSTIFICATION WHEN ALTERNATE (E.G., LESS THAN THE MAXIMUM SPECIFIED) PROTECTION IS PROPOSED.

MANUFACTURER'S DATA: PROVIDE COMPLETE MANUFACTURER'S INFORMATION, INCLUDING MAINTENANCE AND USAGE INSTRUCTIONS, ON ALL SPECIALIZED EQUIPMENT USED FOR LEAD WORK, INCLUDING, BUT NOT LIMITED TO:

- VACUUM EQUIPMENT
- RESPIRATORS
- SAFETY DATA SHEETS (SDS): PROVIDE COPIES OF THE SDS FOR EACH CHEMICAL, ADHESIVE, SEALANT, FOAM, GLUE, ADDITIVE FOR CREATION OF THE AMENDED WATER, AND PAINTS TO BE UTILIZED, AS WELL AS ANY OTHER MATERIAL REQUIRING THIS REPORTING IN ACCORDANCE WITH FEDERAL STANDARD 313B. THIS REQUIREMENT IS IN ADDITION TO THE REQUIREMENT FOR SUBMITTAL OF MATERIAL DATA SHEETS SPECIFIED ELSEWHERE IN THE SPECIFICATIONS.

ANY CHANGES TO PROCEDURES, METHODS, CONDITIONS, ETC., IDENTIFIED IN THE APPROVED PRE-WORK SUBMITTAL MUST BE SUBMITTED IN WRITING FOR REVIEW AND APPROVAL BY THE ENGINEER PRIOR TO THE INCEPTION OF THE CHANGE. WHERE CHANGES MUST BE IMPLEMENTED IMMEDIATELY FOR THE PROTECTION OF WORKERS, PERSONNEL OUTSIDE THE WORK AREA, THE STRUCTURE OR THE ENVIRONMENT, AND THE CHANGE ESTABLISHED AN ENVIRONMENT MORE STRINGENT THAN THAT PREVIOUSLY EXISTING, THE CHANGES MAY BE IMPLEMENTED BY THE COMPETENT PERSON OR OTHER INDIVIDUALS WITH APPROPRIATE AUTHORITY, AND THE ENGINEER NOTIFIED IMMEDIATELY. THESE CHANGES WILL THEN BE SUBMITTED IN WRITING WITHIN 24 HOURS FOR FINAL REVIEW AND APPROVAL.

ANY ANALYTICAL DATA COLLECTED AS PART OF THE PURSUIT OF THE WORK SHALL BE CONSIDERED THE PROPERTY OF THE OWNER AND SHALL BE SUBMITTED TO THE OWNER WITHIN 24 HOURS OF RECEIPT OF SUCH DATA.

G. POST-WORK SUBMITTALS

THE FOLLOWING ITEMS SHALL BE INCLUDED AND APPROVED BY THE ENGINEER AS COMPLETE BEFORE FINAL PAYMENT IS APPROVED: A COPY OF ALL SHIPPING MANIFESTS THAT DOCUMENT DISPOSAL OF ALL HAZARDOUS MATERIALS AT AN APPROVED SOLID WASTE FACILITY.

PART 2 - PRODUCTS - NOT USED

PART 3 - EXECUTION

1. PROTECTION OF ADJACENT AREAS

PERFORM ALL HAZARDOUS MATERIALS WORK IN SUCH A WAY AS TO NOT CONTAMINATE ADJACENT AREAS. SUCH AREAS OR SPACES ARE ASSUMED FREE OF LEAD DUST CONTAMINATION, AND IF THEY ARE FOUND TO BE CONTAMINATED AFTER ABATEMENT ACTIVITIES, THEY SHALL BE CLEANED AND/OR RESTORED TO THEIR ORIGINAL CONDITION AS DIRECTED BY THE ENGINEER AT THE ABATEMENT CONTRACTOR'S EXPENSE.

2. NOTIFICATIONS AND PERMITS

THE ABATEMENT CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS PRIOR TO COMMENCEMENT OF ANY ABATEMENT WORK, AND IMMEDIATELY UPON COMPLETION OR TERMINATION OF THE WORK. WHERE ANY EMERGENCY REMOVAL IS REQUIRED, NOTIFICATIONS WILL BE MADE IMMEDIATELY, BUT WORK SCHEDULES WILL NOT BE CONTINGENT ON THE NOTIFICATION TIMING SPECIFIED IN THE PARAGRAPH.

THE ABATEMENT CONTRACTOR SHALL CARRY OUT DISPOSAL IN ACCORDANCE WITH STATE AND FEDERAL REQUIREMENTS; SHALL SECURE NECESSARY PERMITS IN CONJUNCTION WITH LEAD REMOVAL AND TRANSPORT; AND PROVIDE TIMELY NOTIFICATION OF SUCH ACTIONS AS MAY BE REQUIRED BY FEDERAL, STATE, REGIONAL AND LOCAL AUTHORITIES.

3. PROJECT INSPECTION

WHILE PERFORMING LEAD WORK, THE ABATEMENT CONTRACTOR MAY BE SUBJECT TO ON-SITE INSPECTION BY THE OWNER, THE ENGINEER (OR DESIGNATED REPRESENTATIVE), FIRE, SAFETY, AND HEALTH PERSONNEL, AND FEDERAL AND STATE INSPECTORS. IF THE WORK IS IN VIOLATION OF SPECIFICATION REQUIREMENTS, OR APPLICABLE FEDERAL, STATE, REGIONAL, OR LOCAL REGULATIONS, THE ENGINEER MAY ISSUE A STOP-WORK ORDER TO BE IN EFFECT IMMEDIATELY, AND WHICH WILL REMAIN IN PLACE UNTIL THE VIOLATION(S) ARE RESOLVED AND, IF REQUIRED BY THE ENGINEER, A NEW OR AMENDED LEAD WORK PLAN IS SUBMITTED. RESTART WILL NOT BE ACCOMPLISHED WITHOUT APPROVAL OF THE ENGINEER. STANDBY TIME AND EXPENSES REQUIRED TO RESOLVE THE VIOLATION(S) AND PROVIDE NEW OR AMENDED SUBMITTALS SHALL BE AT THE ABATEMENT CONTRACTOR'S EXPENSE.

THE PROJECT WORK LOG SHALL BE SUBJECT TO REVIEW BY THE OWNER AND THE ENGINEER ON A DAILY BASIS AND AT EACH APPLICATION FOR PAYMENT BY THE ABATEMENT CONTRACTOR.

4. SAFETY AND HEALTH COMPLIANCE

THE ABATEMENT CONTRACTOR SHALL COMPLY WITH ALL LAWS, ORDINANCES, RULES AND REGULATIONS OF FEDERAL, STATE, REGIONAL AND LOCAL AUTHORITIES REGARDING DEMOLITION, HANDLING, STORING, TRANSPORTING AND DISPOSING OF LEAD AND LEAD CONTAINING MATERIALS. HE SHALL ALSO COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE CURRENT ISSUES OF 29 CFR 1910.1001, 29 CFR 1926.1101, 40 CFR 61 SUBPARTS A AND M, AND 40 CFR 745. LEAD REMOVAL IS ALSO REQUIRED TO COMPLY WITH THE PROVISIONS OF THE STATE OF ALASKA, SOLID WASTE MANAGEMENT CODES, TITLE 18 OF THE ALASKA ADMINISTRATIVE CODE, AND THE STATE OF ALASKA AK-OSH STANDARDS.

5. LEAD DUST WORK PROCEDURES

TO ENSURE WORKER SAFETY, THE FOLLOWING PROCEDURES SHALL BE USED WHEN REMOVING LEAD HAZARDS:

ENSURE THAT ABATEMENT EMPLOYEES HAVE COMPLETED OSHA LEAD IN CONSTRUCTION TRAINING, AND APPROPRIATE TRAINING UNDER THE EPA RENOVATION, REPAIR, AND PAINTING (RRP) RULE; INSTALL APPROPRIATE ENGINEERING CONTROLS TO MINIMIZE THE RISK OF EMPLOYEE EXPOSURE TO LEAD IN AIR DURING DEMOLITION, CLEANING, AND DISPOSAL OPERATIONS; ENSURE THAT RESPIRATORS ARE WORN BY ALL LEAD WORKERS AT ALL TIMES; AND PROVIDE LABORATORY RESULTS SHOWING THAT THE WASTE STREAM OR A MASS BALANCE OF THE WASTE STREAM AND THE TCLP RESULTS SHOW THAT ALL DEMOLITION DEBRIS FROM THIS PROJECT MAY BE DISPOSED OF AS REGULAR DEMOLITION DEBRIS. FOR BIDDING PURPOSES, THE ABATEMENT CONTRACTOR SHOULD ASSUME THAT THE FINAL WASTE STREAM WILL MEET TCLP STANDARDS FOR DISPOSAL IN A NON-HAZRDOUS DISPOSAL SITE.

6. MONITORING

AT A MINIMUM, THE ABATEMENT CONTRACTOR SHALL PROVIDE "INITIAL EXPOSURE ASSESSMENT MONITORING" AND "PERSONAL MONITORING", ALL AS SPECIFIED IN "DEFINITIONS", BELOW.

7. CLEARANCE PROCEDURES FOR EACH ABATEMENT AREA:

AFTER ALL LEAD WORK ACTIVITIES ARE COMPLETE, THE ABATEMENT CONTRACTOR AND THE OWNERS REPRESENTATIVE SHALL PERFORM A DETAILED VISUAL INSPECTION OF THE WORK AREA FOR ANY VISIBLE LEAD DUST RESIDUAL. IF ANY IS FOUND, A COMPLETE CLEANING OF THE AREA SHALL BE PERFORMED, AND THE AREA SHALL BE RE-INSPECTED. ONCE THE VISUAL INSPECTION IS SATISFACTORILY COMPLETED, THE AREA SHALL BE CONSIDERED CLEARED OF LEAD-BASED WASTES.

THE ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS RELATING TO ALL CLEARANCE INSPECTIONS AFTER THE FIRST FAILED CLEARANCE INSPECTION, AND FOR ANY ADDITIONAL CLEARANCE INSPECTIONS ADDED TO THE PROJECT TO IMPROVE THE GENERAL CONTRACTOR'S SCHEDULE. THE ABATEMENT CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSPECTION TRIPS WITH THE OWNERS REPRESENTATIVE.

PART 4 - LEAD REMOVAL DEFINITIONS

1. **INITIAL EXPOSURE ASSESSMENT MONITORING:** SAMPLING CONDUCTED BY A "COMPETENT PERSON" IMMEDIATELY BEFORE OR AT THE INITIATION OF THE OPERATION TO ASCERTAIN THE EXPECTED EXPOSURES DURING THAT OPERATION. INITIAL EXPOSURE ASSESSMENT MONITORING MUST BE COMPLETED IN TIME TO ALLOW COMPLIANCE WITH REQUIREMENTS WHICH ARE TRIGGERED BY EXPOSURE DATA OR THE LACK OF A "NEGATIVE EXPOSURE ASSESSMENT", AND TO PROVIDE INFORMATION NECESSARY TO ASSURE THAT ALL CONTROL SYSTEMS PLANNED ARE APPROPRIATE FOR THE OPERATION AND WILL WORK PROPERLY. UNTIL INITIAL EXPOSURE ASSESSMENT MONITORING CONFIRMS THAT EMPLOYEES ON THE JOB WILL NOT BE EXPOSED IN EXCESS OF THE PEL, OR A "NEGATIVE EXPOSURE ASSESSMENT" FOR LEAD DUST HAS BEEN ACCEPTED, IT SHALL BE ASSUMED THAT EMPLOYEES ARE EXPOSED IN EXCESS OF THE TWA AND EXCURSION LIMIT.
2. **NEGATIVE EXPOSURE ASSESSMENT:** FOR ANY ONE SPECIFIC JOB INVOLVING LEAD-CONTAINING COATINGS WHICH WILL BE PERFORMED BY TRAINED EMPLOYEES, IT MAY BE DEMONSTRATED THAT EMPLOYEE EXPOSURES WILL BE BELOW THE PEL BY DATA WHICH CONFORM TO THE FOLLOWING CRITERIA:

- a. OBJECTIVE DATA DEMONSTRATING THAT THE PRODUCT OR MATERIAL CONTAINING LEAD MINERALS OR THE ACTIVITY INVOLVING SUCH PRODUCT OR MATERIAL CANNOT RELEASE AIRBORNE DUST IN CONCENTRATIONS EXCEEDING THE TWA AND EXCURSION LIMIT UNDER THOSE WORK CONDITIONS HAVING THE GREATEST POTENTIAL FOR RELEASING DUST.
- b. WHERE THE EMPLOYER HAS MONITORED PRIOR ASBESTOS JOBS FOR THE PEL AND THE EXCURSION LIMIT WITHIN 12 MONTHS OF THE CURRENT OR PROJECTED JOB, THE MONITORING AND ANALYSES WERE PERFORMED IN COMPLIANCE WITH THE LEAD STANDARD IN EFFECT; AND THE DATA WERE OBTAINED DURING WORK OPERATIONS CONDUCTED WORKPLACE CONDITIONS "CLOSELY RESEMBLING" THE PROCESSES, TYPE OF MATERIAL, CONTROL METHODS, WORK PRACTICES, AND ENVIRONMENTAL CONDITIONS IN THE CURRENT OPERATIONS, THE OPERATIONS WERE CONDUCTED BY EMPLOYEES WHOSE TRAINING AND EXPERIENCE ARE NO MORE EXTENSIVE THAN THAT OF EMPLOYEES PERFORMING THE CURRENT JOB, AND THESE DATA SHOW THAT UNDER THE CONDITIONS PREVAILING AND WHICH WILL PREVAIL IN THE CURRENT WORKPLACE THERE IS A HIGH DEGREE OF CERTAINTY THAT EMPLOYEE EXPOSURES WILL NOT EXCEED THE TWA AND EXCURSION LIMIT.



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IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
STATE OF ALASKA - JNU 16-14C
SITKA, ALASKA

SHEET TITLE:

ASBESTOS ABATEMENT SPECIFICATIONS AND DEFINITIONS

DATE: JUNE 7, 2022

REVISION: X

CHECKED BY: SKD

DRAWN: SKD

SHEET #

HAZ 1.1

HAZARDOUS MATERIALS SPECIFICATIONS

SECTION 028213 ASBESTOS ABATEMENT

PART 1 - GENERAL

A. RELATED DOCUMENTS:

GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS; AND CONTRACT DRAWINGS.

B. SUMMARY

- THE ASBESTOS WORK ON THIS PROJECT IS IN SUPPORT OF A TOILET ROOM ACCESSIBILITY PROJECT AT THE SITKA PIONEER HOME (SPH) IN STIKA, ALASKA.
- HISTORIC INFORMATION INDICATES THAT THE FOLLOWING ASBESTOS-CONTAINING MATERIALS (ACM) EXIST IN THE SITKA PIONEER HOME (SPH) THAT COULD IMPACT THIS PROJECT:
 - THERMAL SYSTEM INSULATION (TSI) ON PIPING; AND
 - THERMAL SYSTEM INSULATION ON PIPE FITTINGS.
- THE INTENT OF THE ABATEMENT PORTION OF THE OVERALL PROJECT IS TO SAFELY REMOVE AND DISPOSE OF ANY EXISTING ACM TSI THAT WILL NEED TO BE DISTURBED AS PART OF THE ACCESSIBILITY UPGRADE.
- THE ABATEMENT PROJECT INCLUDES ALL MATERIAL, LABOR, EQUIPMENT AND OTHER RELATED COSTS FOR COORDINATING WITH PRIME CONTRACTOR TO DETERMINE THE LOCATION AND TIMING FOR ABATEMENT; MOBILIZING (INCLUDING MOVING ALL PLANT AND EQUIPMENT ONTO THE SITE; PROVIDING NECESSARY PROJECT UTILITIES OR IMPROVING EXISTING UTILITIES AS NECESSARY, ARRANGING FOR APPROVED STORAGE AREAS, ISSUING AND POSTING ALL NOTICES, AND SUBMITTING ALL SUBMITTALS); INSTALLING ALL NECESSARY CRITICAL BARRIERS TO ESTABLISH NON-PERMANENT ASBESTOS CONTROL AREAS TO ISOLATE THE VARIOUS ABATEMENT AREAS; COMPLETING ALL ABATEMENT ELEMENTS AS DESCRIBED IN PARAGRAPH 3. ABOVE; CLEANING ALL SURFACES AND SPACES WITHIN THE CONFINES OF THE ASBESTOS CONTROL AREAS; PROVIDING AIR MONITORING, INCLUDING APPROPRIATE ELEMENTS SUMMARIZED IN ASBESTOS AIR MONITORING IN DEFINITIONS BELOW, AND IN ACCORDANCE WITH PART 3 EXECUTION OF THIS SECTION; PROVIDING LAB ANALYSIS FOR REQUIRED AIR MONITORING; DISPOSING OF ACM AND RELATED DEMOLITION DEBRIS IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS; REMOVING THE NON-PERMANENT ASBESTOS CONTROL AREAS; AND GENERAL CLEANUP AND DEMOBILIZATION.

C. COORDINATION AND TIMING OF ABATEMENT ACTIVITIES

- ABATEMENT SUBCONTRACTOR SHALL COORDINATE TIMING OF WORK WITH GENERAL CONTRACTOR. THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION.
- THE OWNER WILL PROVIDE ACCESS TO TEMPORARY POWER AND TO HOT AND COLD WATER FOR DIRECT PROJECT USE. THE ABATEMENT SUBCONTRACTOR IS RESPONSIBLE FOR ALL COSTS AND EFFORT REQUIRED TO DEVELOP THOSE UTILITIES FOR HIS USE.
- ELECTRICAL AND MECHANICAL SYSTEMS NOT DIRECTLY MODIFIED BY THIS PROJECT SHALL REMAIN FUNCTIONAL AND SHALL BE PROTECTED FROM CONTAMINATION DURING THE ABATEMENT WORK. THE OWNER SHALL BE ALLOWED ACCESS TO ELECTRICAL AND MECHANICAL SYSTEMS AS NECESSARY THROUGHOUT THE ABATEMENT PROJECT TO ENSURE THEIR OPERATIONAL CONTINUITY.
- SECURITY TO THE SITE SHALL BE MAINTAINED FOR THE DURATION OF THE ABATEMENT PROJECT. IT WILL BE THE RESPONSIBILITY OF THE ABATEMENT SUBCONTRACTOR TO COORDINATE WITH THE CONTRACTOR AND OTHER TRADES TO SEQUENCE THE WORK.

D. PRE-WORK SUBMITTALS

THE PRE-WORK SUBMITTAL SHALL BE SUBMITTED DIGITALLY AS A COMPLETE PACKAGE AND MODIFIED AS NECESSARY TO OBTAIN APPROVAL BY THE ENGINEER FIVE WORKING DAYS PRIOR TO ANY WORK ON THE PROJECT. THE ABATEMENT SUBCONTRACTOR SHALL PERFORM HIS WORK IN COMPLIANCE WITH THE APPROVED PRE-WORK SUBMITTAL WHICH SHALL INCLUDE AN ASBESTOS WORK PLAN, A CONTINGENCY PLAN FOR POTENTIAL EMERGENCIES, A NOTIFICATION LISTING OF PERSONNEL AND ORGANIZATIONS TO BE CONTACTED BY THE ABATEMENT SUBCONTRACTOR IN THE EVENT OF AN INCIDENT, EMERGENCY OR CONTINGENCY, AND THE 24-HOUR CONTACT POINT FOR THE ABATEMENT SUBCONTRACTOR AND THE DESIGNATED "COMPETENT PERSON" TO CONTACT IN CASE OF AN ON-SITE PROBLEM. RESPONSE TIME TO THE SITE SHALL NOT EXCEED 1 HOUR FROM THE TIME OF THE NOTIFICATION.

E. POST-WORK SUBMITTALS

THE POST-WORK SUBMITTAL SHALL BE SUBMITTED DIGITALLY AND APPROVED BY THE ENGINEER AS COMPLETE BEFORE FINAL PAYMENT IS APPROVED. THE POST-WORK SUBMITTAL SHALL INCLUDE:

- WORK LOG: A DETAILED LOG OF ALL OPERATIONS INVOLVING THE ASBESTOS PORTION OF THE WORK.
- A COPY OF ALL SHIPPING MANIFESTS THAT DOCUMENT DISPOSAL OF ALL ACM AT AN APPROVED SOLID WASTE FACILITY. FULL PAYMENT SHALL NOT BE RELEASED UNTIL THIS DOCUMENT IS RECEIVED BY THE OWNER OR ENGINEER.

PART 2 - PRODUCTS-NOT USED

PART 3 - EXECUTION

A. PROTECTION OF ADJACENT AREAS:

PERFORM ALL ASBESTOS WORK IN SUCH A WAY AS TO NOT CONTAMINATE 1) ADJACENT AREAS, OR 2) INTERIOR SPACES OF COMPONENTS WITHIN THE ABATEMENT AREA (SUCH AS CABINETS, DUCTS, OR ELECTRICAL COMPONENTS). WHERE SUCH AREAS OR SPACES ARE CONTAMINATED, THEY SHALL BE CLEANED AND/OR RESTORED TO THEIR ORIGINAL CONDITION AS DIRECTED BY THE ENGINEER AT THE ABATEMENT SUBCONTRACTORS EXPENSE.

B. COMPETENT PERSON:

ALL ASBESTOS WORK, INCLUDING SETUP AND TEARDOWN OF THE ASBESTOS ENCLOSURE(S) AND CONTROL AREA(S), AND ALL ASBESTOS DISPOSAL OPERATIONS SHALL BE UNDER THE DIRECT AND CONTINUOUS ON-SITE SUPERVISION OF THE COMPETENT PERSON (WHO IS IDENTIFIED IN THE PRE-WORK SUBMITTAL AND WHOSE QUALIFICATIONS AND DUTIES ARE DEFINED IN DEFINITIONS ABOVE). THE INDUSTRIAL HYGIENIST SHALL OVERSEE ALL ACTIVITIES OF THE COMPETENT PERSON. THE ABATEMENT SUBCONTRACTOR SHALL CONDUCT ALL MONITORING, TRAINING AND ASBESTOS WORK UNDER THE DIRECTION OF THE INDUSTRIAL HYGIENIST (WHO IS IDENTIFIED IN THE PRE-WORK SUBMITTAL AND WHOSE QUALIFICATIONS AND DUTIES ARE DEFINED IN DEFINITIONS ABOVE).

C. SAFETY AND HEALTH COMPLIANCE:

THE ABATEMENT SUBCONTRACTOR SHALL COMPLY WITH ALL LAWS, ORDINANCES, RULES AND REGULATIONS OF FEDERAL, STATE, REGIONAL AND LOCAL AUTHORITIES REGARDING DEMOLITION, HANDLING, STORING, TRANSPORTING AND DISPOSING OF ASBESTOS AND ASBESTOS CONTAINING MATERIALS. HE SHALL ALSO COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE CURRENT ISSUES OF 29 CFR 1910.1001, 29 CFR 1926.1101, AND 40 CFR 61 SUBPARTS A AND M. ASBESTOS REMOVAL IS ALSO REQUIRED TO COMPLY WITH THE PROVISIONS OF THE STATE OF ALASKA, SOLID WASTE MANAGEMENT CODES, TITLE 18 OF THE ALASKA ADMINISTRATIVE CODE, AND THE STATE OF ALASKA OSHA STANDARDS.

D. MONITORING:

THE ABATEMENT SUBCONTRACTOR SHALL PROVIDE THIRD-PARTY AIR MONITORING FOR THE DURATION OF THE PROJECT IN ACCORDANCE WITH THE APPROVED PRE-WORK SUBMITTAL. AT A MINIMUM THE CONTRACTOR SHALL PROVIDE "AREA MONITORING", "BASELINE (BACKGROUND) MONITORING", "PERSONAL MONITORING" AND "CLEARANCE MONITORING" ALL AS SPECIFIED IN PARAGRAPH 1.5 "DEFINITIONS", IN THESE CONTRACT DOCUMENTS. THE CONTRACTING OFFICER RESERVES THE RIGHT TO PERFORM CONFIRMATION AIR MONITORING INCLUDING ALL ELEMENTS SUMMARIZED IN ASBESTOS AIR MONITORING IN DEFINITIONS.

E. CLEARANCE PROCEDURES:

- AFTER ABATEMENT ACTIVITIES ARE COMPLETE BUT PRIOR TO THE APPLICATION OF LOCKDOWN SEALANT AND THE

PERFORMANCE OF CLEARANCE MONITORING,

- THE ABATEMENT SUBCONTRACTOR AND THE ENGINEER (OR A DESIGNATED REPRESENTATIVE) SHALL PERFORM A DETAILED VISUAL INSPECTION OF THE WORK AREA FOR ANY VISIBLE ASBESTOS RESIDUAL. IF ANY IS FOUND, A COMPLETE RE-CLEANING OF THE AREA SHALL BE PERFORMED, AND THE AREA SHALL BE RE-INSPECTED.
- ONCE THE VISUAL INSPECTION IS SATISFACTORILY COMPLETED THE LOCKDOWN SHALL BE APPLIED. AFTER THE SITE HAS PASSED THE VISUAL INSPECTION AND HAS RECEIVED SPRAY APPLICATION OF LOCKDOWN SEALANT BUT PRIOR TO THE REMOVAL OF THE ENCLOSURE, CLEARANCE MONITORING OF THE WORK AREA SHALL BE ACCOMPLISHED TO CONFIRM THE EFFECTIVENESS OF THE CLEAN-UP OPERATIONS. SUCH SAMPLING SHALL NOT BE PERFORMED UNTIL ALL AREAS AND MATERIALS WITHIN THE WORK AREA ARE FULLY DRY.
- THE ABATEMENT SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS RELATING TO ALL VISUAL INSPECTIONS AFTER THE SECOND FAILED VISUAL INSPECTION, INCLUDING EXTRA TRAVEL-RELATED COSTS FOR AN INSPECTOR MOBILIZING FROM OUTSIDE SITKA.
- CLEARANCE SAMPLING FOR THIS PROJECT SHALL BE DONE USING PCM ANALYSIS. ONCE CLEARANCE CRITERIA HAVE BEEN ACHIEVED, CLEARANCE SHALL BE CONSIDERED FINAL AND REMOVAL OF ANY TEMPORARY PROTECTIVE ENCLOSURE BELOW THE CEILING BELOW THE ACCESS HATCH SHALL BE ACCOMPLISHED. ITR

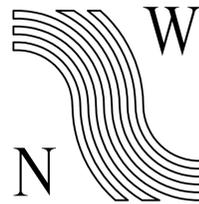
PART 4 - ASBESTOS ABATEMENT DEFINITIONS.

A. ASBESTOS AIR MONITORING: AN APPROVED AIR MONITORING PLAN IS REQUIRED IF AIR MONITORING IS PART OF THE ABATEMENT WORK. TO BE APPROVED SUCH A PLAN MUST INCLUDE THE FOLLOWING ELEMENTS:

- AREA MONITORING: SAMPLING FOR AIRBORNE CONCENTRATIONS OF ASBESTOS FIBERS WITHIN THE EXISTING OR PLANNED ASBESTOS CONTROL AREA THAT IS REPRESENTATIVE OF THE FIBER LEVELS THAT MAY REACH THE WORKERS BREATHING ZONE. AREA PUMPS DRAWING 10 LITERS PER MINUTE THROUGH THE FILTER CASSETTE ARE USED FOR AREA MONITORING AND SHOULD PULL AT LEAST 1,200 LITERS OF AIR FOR EACH SAMPLE.
- ENVIRONMENTAL MONITORING: SAMPLING FOR AIRBORNE CONCENTRATIONS OF ASBESTOS FIBERS OUTSIDE THE ASBESTOS CONTROL AREA TO ASSURE THAT NO ASBESTOS FIBERS ARE ESCAPING THE ENCLOSURE, AND THAT PERSONNEL OUTSIDE THE CONTROL AREA ARE NOT BEING EXPOSED. WHERE A SEALED AREA IS NOT USED, SUCH AS DURING EXTERIOR SIDING REMOVAL, THIS WILL REFER TO SAMPLING CONDUCTED AT THE PERIMETER OF THE CONTROL AREA TO ASSURE THAT A SUFFICIENT BUFFER ZONE AROUND THE WORK IN PROGRESS HAS BEEN ESTABLISHED, AND THAT PERSONNEL OUTSIDE THIS ZONE ARE NOT BEING EXPOSED. AREA PUMPS DRAWING 10 LITERS PER MINUTE THROUGH THE FILTER CASSETTE ARE USED FOR ENVIRONMENTAL MONITORING AND SHOULD PULL AT LEAST 1,200 LITERS OF AIR FOR EACH SAMPLE.
- BASELINE (BACKGROUND) MONITORING: SAMPLING CONDUCTED TO DETERMINE THE INITIAL LEVEL OF AIRBORNE ASBESTOS FIBERS PRESENT PRIOR TO THE START OF ASBESTOS WORK. AREA PUMPS DRAWING ≥ 1 BUT < 10 LITERS PER MINUTE THROUGH THE FILTER CASSETTE ARE USED FOR THIS MONITORING AND SHOULD PULL AT LEAST 1,200 LITERS OF AIR FOR EACH SAMPLE. THIS SAMPLING CAN BE SUBDIVIDED INTO THREE PARTS:
 - NATURAL BACKGROUND SAMPLING: SAMPLING CONDUCTED OUTSIDE THE STRUCTURE WHERE THE WORK WILL BE ACCOMPLISHED TO DETERMINE THE NATURALLY OCCURRING FIBER LEVELS PRESENT IN THAT LOCALE. WHEN RESULTS INDICATE THAT THIS LEVEL MAY REACH OR EXCEED 0.01 F/CC, A MINIMUM OF 5 CONSECUTIVE DAYS OF SAMPLING WILL BE USED TO ESTABLISH AN ARITHMETIC AVERAGE. THIS AVERAGE WILL BE USED AS THE BACKGROUND LEVEL.
 - ENVIRONMENTAL BACKGROUND SAMPLING: SAMPLING CONDUCTED TO DETERMINE THE BACKGROUND FIBER LEVELS WITHIN A STRUCTURE, BUT OUTSIDE THE PLANNED ASBESTOS WORK AREA. THIS SAMPLING IS ACCOMPLISHED TO ASCERTAIN THE NORMAL BACKGROUND FIBER LEVEL WITHIN THESE AREAS OF THE STRUCTURE. SPECIAL CARE MUST BE TAKEN DURING THIS SAMPLING TO MINIMIZE SAMPLE CONTAMINATION BY NON-ASBESTOS FIBERS, SUCH AS FROM CLOTH, PAPER AND CARPET.
 - WORK AREA BACKGROUND SAMPLING: SAMPLING CONDUCTED IN THE AREA WHERE ASBESTOS WORK IS PLANNED, NORMALLY USED TO DETERMINE THE LEVEL OF PERSONAL AND OTHER PROTECTIVE MEASURES REQUIRED BY PERSONNEL PREPARING THE AREA FOR ASBESTOS WORK AND TO ESTABLISH THE LEVEL OF CONTAMINATION PRESENT PRIOR TO THE BEGINNING OF ASBESTOS OPERATIONS.
- INITIAL EXPOSURE ASSESSMENT MONITORING: SAMPLING CONDUCTED BY A "COMPETENT PERSON" IMMEDIATELY BEFORE OR AT THE INITIATION OF THE OPERATION TO ASCERTAIN THE EXPECTED EXPOSURES DURING THAT OPERATION. INITIAL EXPOSURE ASSESSMENT MONITORING MUST BE COMPLETED IN TIME TO ALLOW COMPLIANCE WITH REQUIREMENTS WHICH ARE TRIGGERED BY EXPOSURE DATA OR THE LACK OF A "NEGATIVE EXPOSURE ASSESSMENT", AND TO PROVIDE INFORMATION NECESSARY TO ASSURE THAT ALL CONTROL SYSTEMS PLANNED ARE APPROPRIATE FOR THE OPERATION AND WILL WORK PROPERLY. UNTIL INITIAL EXPOSURE ASSESSMENT MONITORING CONFIRMS THAT EMPLOYEES ON THE JOB WILL NOT BE EXPOSED IN EXCESS OF THE PEL, OR A "NEGATIVE EXPOSURE ASSESSMENT" FOR NON-FRIABLE ASBESTOS HAS BEEN ACCEPTED, IT SHALL BE ASSUMED THAT EMPLOYEES ARE EXPOSED IN EXCESS OF THE TWA AND EXCURSION LIMIT.
- NEGATIVE EXPOSURE ASSESSMENT: FOR ANY ONE SPECIFIC ASBESTOS JOB INVOLVING NON-FRIABLE MATERIAL WHICH WILL BE PERFORMED BY TRAINED EMPLOYEES, IT MAY BE DEMONSTRATED THAT EMPLOYEE EXPOSURES WILL BE BELOW THE PEL BY DATA WHICH CONFORM TO THE FOLLOWING CRITERIA:
 - OBJECTIVE DATA DEMONSTRATING THAT THE PRODUCT OR MATERIAL CONTAINING ASBESTOS MINERALS OR THE ACTIVITY INVOLVING SUCH PRODUCT OR MATERIAL CANNOT RELEASE AIRBORNE FIBERS IN CONCENTRATIONS EXCEEDING THE TWA AND EXCURSION LIMIT UNDER THOSE WORK CONDITIONS HAVING THE GREATEST POTENTIAL FOR RELEASING ASBESTOS.
 - WHERE THE EMPLOYER HAS MONITORED PRIOR ASBESTOS JOBS FOR THE PEL AND THE EXCURSION LIMIT WITHIN 12 MONTHS OF THE CURRENT OR PROJECTED JOB, THE MONITORING AND ANALYSES WERE PERFORMED IN COMPLIANCE WITH THE ASBESTOS STANDARD IN EFFECT; AND THE DATA WERE OBTAINED DURING WORK OPERATIONS CONDUCTED WORKPLACE CONDITIONS "CLOSELY RESEMBLING" THE PROCESSES, TYPE OF MATERIAL, CONTROL METHODS, WORK PRACTICES, AND ENVIRONMENTAL CONDITIONS IN THE CURRENT OPERATIONS, THE OPERATIONS WERE CONDUCTED BY EMPLOYEES WHOSE TRAINING AND EXPERIENCE ARE NO MORE EXTENSIVE THAN THAT OF EMPLOYEES PERFORMING THE CURRENT JOB, AND THESE DATA SHOW THAT UNDER THE CONDITIONS PREVAILING AND WHICH WILL PREVAIL IN THE CURRENT WORKPLACE THERE IS A HIGH DEGREE OF CERTAINTY THAT EMPLOYEE EXPOSURES WILL NOT EXCEED THE TWA AND EXCURSION LIMIT.
 - THE RESULTS OF INITIAL EXPOSURE MONITORING OF THE CURRENT JOB MADE FROM BREATHING ZONE AIR SAMPLES THAT ARE REPRESENTATIVE OF THE 8-HOUR TWA AND 30 MINUTE SHORT-TERM EXPOSURES OF EACH EMPLOYEE COVERING OPERATIONS THAT ARE MOST LIKELY DURING THE PERFORMANCE OF THE ENTIRE ASBESTOS JOB TO RESULT IN EXPOSURES OVER THE PEL.
- CLEARANCE MONITORING: SAMPLING OCCURRING AT THE COMPLETION OF THE ASBESTOS WORK OR AT THE COMPLETION OF A SPECIFIC PHASE OF ASBESTOS WORK, PRIOR TO REMOVING THE ENCLOSURE. IT IS ACCOMPLISHED TO PROVE THAT THE CLEAN-UP ACTIVITIES HAVE BEEN EFFECTIVE, AND THAT REMAINING FIBER LEVELS BOTH INSIDE AND OUTSIDE THE ENCLOSURE COMPLY WITH AIRBORNE FIBER CONCENTRATIONS DEFINED IN "CLEARANCE LEVELS" BELOW. CLEARANCE SAMPLING IS NORMALLY ACCOMPLISHED IN THE SAME LOCATIONS AND BY THE SAME METHODS AS THE BASELINE MONITORING, AND IS DONE IN AN AGGRESSIVE MANNER (SEE EPA 560/5-85-024 FOR DESCRIPTION OF METHODS). TRANSMISSION ELECTRON MICROSCOPY (TEM) ANALYSIS IS REQUIRED FOR CLEARANCE MONITORING INSIDE SCHOOLS AND SOMETIMES FOR INSIDE PUBLIC BUILDINGS TO ASSURE THAT THE AREA IS TRULY SAFE FOR REOCCUPANCY. FOR PUBLIC BUILDINGS THE REQUIREMENT FOR TEM ANALYSIS CAN BE WAIVED IN FAVOR OF PHASE CONTRAST ILLUMINATION MICROSCOPY (PCM) AT THE OWNERS OPTION. SEE PART 3-EXECUTION, MONITORING FOR ADDITIONAL INFORMATION.
- PERSONAL MONITORING: SAMPLING FOR ASBESTOS FIBER CONCENTRATIONS AT THE BREATHING ZONE OF A WORKER, USED TO DOCUMENT INDIVIDUAL EXPOSURES, AND, IN CONJUNCTION WITH THE WORK AREA SAMPLING, TO DETERMINE THE REQUIRED DEGREE OF PERSONAL AND RESPIRATORY PROTECTION. A MINIMUM OF TWO SAMPLES SHALL BE COLLECTED PER EIGHT-HOUR

SHIFT AT A FLOW RATE OF 0.5 TO 2.5 LITERS PER MINUTE. AT LEAST 25% OF THE WORKERS DOING A PARTICULAR JOB SHALL BE SAMPLED EACH EIGHT-HOUR SHIFT. SEE EXPOSURE STANDARDS FOR MORE INFORMATION.

- CLEAN: AS USED IN THESE DOCUMENTS, "CLEAN" MEANS THAT THE SURFACE IN QUESTION IS FREE OF VISIBLE ASBESTOS, TO THE POINT WHERE NO PHYSICAL SAMPLE CAN BE COLLECTED FOR ANALYSIS.



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SITKA PIONEER HOME

BATHROOM ACCESSIBILITY

STATE OF ALASKA - JNU 16-14C
SITKA, ALASKA

SHEET TITLE:

ASBESTOS ABATEMENT
SPECIFICATIONS AND
DEFINITIONS

DATE: JUNE 7, 2022

REVISION: X

CHECKED BY: SKD

DRAWN: SKD

SHEET #

HAZ 1.1

GENERAL

DETAIL SYMBOL	DETAIL IDENTIFICATION	
	DRAWING ON WHICH DETAIL IS SHOWN	
SECTION SYMBOL	SECTION IDENTIFICATION	
	DRAWING ON WHICH SECTION IS SHOWN	
ROOM NAME AND NUMBER DESIGNATION	CORRIDOR	
SHEET NOTE REFERENCE		
GENERAL SHEET NOTE		3.
PLUMBING FIXTURE DESIGNATION, SEE FIXTURE CONNECTION SCHEDULE		
EQUIPMENT DESIGNATION, SEE EQUIPMENT SCHEDULE		

CONSTRUCTION LINETYPES

TO BE DEMOLISHED OR RELOCATED	
EXISTING TO REMAIN	
NEW WORK	

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	MAX	MAXIMUM
AHAP	AS HIGH AS POSSIBLE	MIN	MINIMUM
APPROX	APPROXIMATE	MISC	MISCELLANEOUS
CFM	CUBIC FEET PER MINUTE	NC	NORMALLY CLOSED
CLNG	CEILING	NO	NORMALLY OPENED
CO	CLEANOUT	OA	OUTSIDE AIR
CU	COPPER	OC	ON CENTER
CW	COLD WATER	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
(D)	DEMOLISH	OSA	OUTSIDE AIR
DIA	DIAMETER	PDI	PLUMBING AND DRAINAGE INSTITUTE
DN	DOWN	POC	POINT OF CONNECTION
(E)	EXISTING	SA	SUPPLY AIR
E/A	EXHAUST AIR	SF	SQUARE FEET
FCO	FLOOR CLEANOUT	SS	STAINLESS STEEL
FT	FEET	TA	TRANSFER AIR
GPM	GALLONS PER MINUTE	TP	TRAP PRIMER
HB	HOSE BIB	TYP.	TYPICAL
HW	HOT WATER	UL	UNDERWRITER'S LABORATORY
IN	INCHES	UON	UNLESS OTHERWISE NOTED
LAV	LAVATORY	V	VENT
		VTR	VENT THROUGH ROOF
		W	WASTE
		W/	WITH
		W.C.	WATER COLUMN
		WCO	WALL CLEANOUT
		WHA	WATER HAMMER ARRESTOR
		WPD	WATER PRESSURE DROP
		WRT	WITH RESPECT TO



← 1" ACTUAL →

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
 STATE OF ALASKA - JNU 16-14C
 SITKA, ALASKA

SHEET TITLE:
LEGENDS AND ABBREVIATIONS

DATE: JUNE 7, 2022
 REVISION: XX
 CHECKED BY: DHM
 DRAWN: CSB

SHEET #
MO.1



1" ACTUAL

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
 STATE OF ALASKA - JNU 16-14C
 SITKA, ALASKA

SHEET TITLE:
SCHEDULES AND SPECIFICATIONS

DATE: JUNE 7, 2022
 REVISION: XX
 CHECKED BY: DHM
 DRAWN: CSB

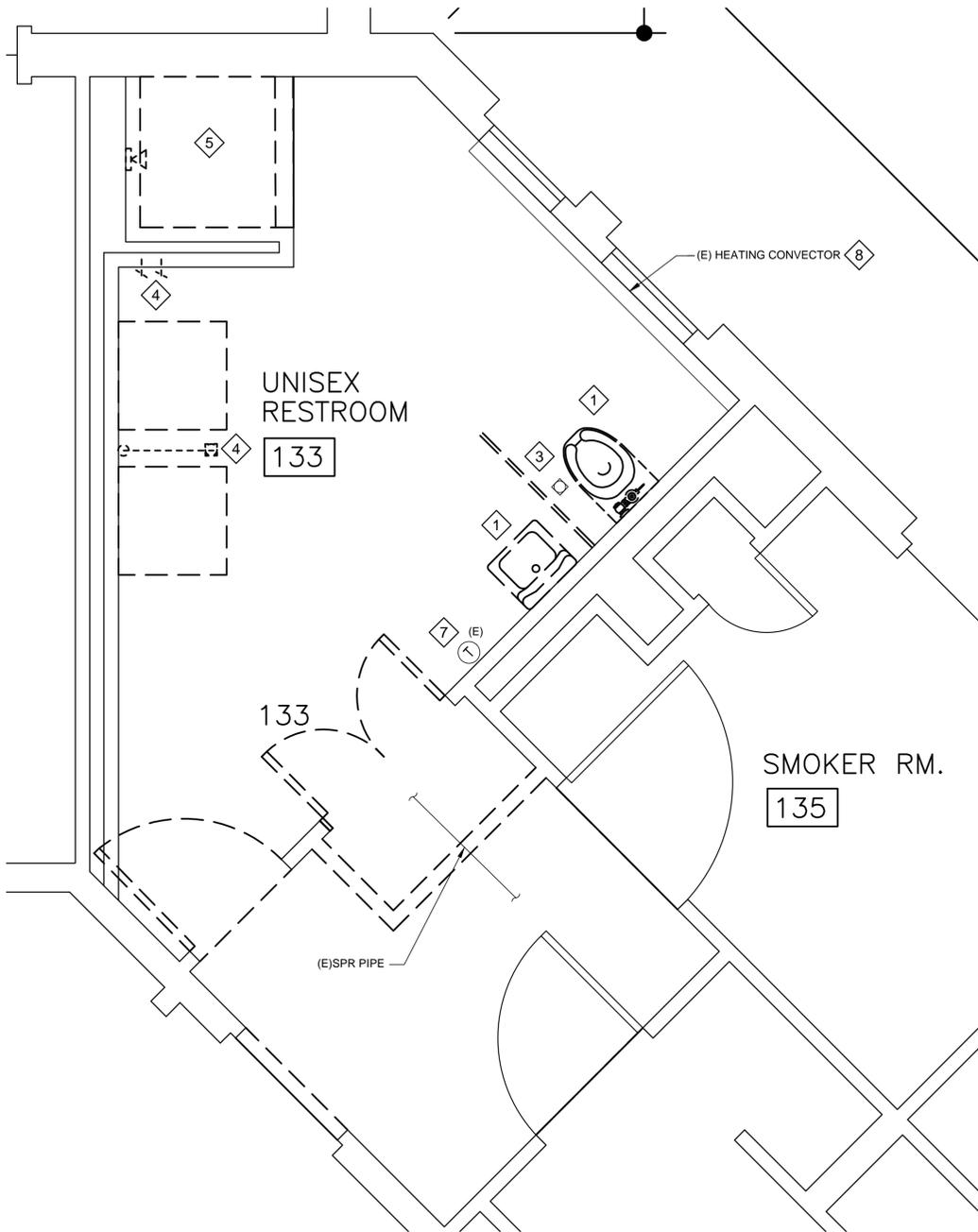
SHEET #
MO.2

PLUMBING FIXTURE CONNECTION SCHEDULE

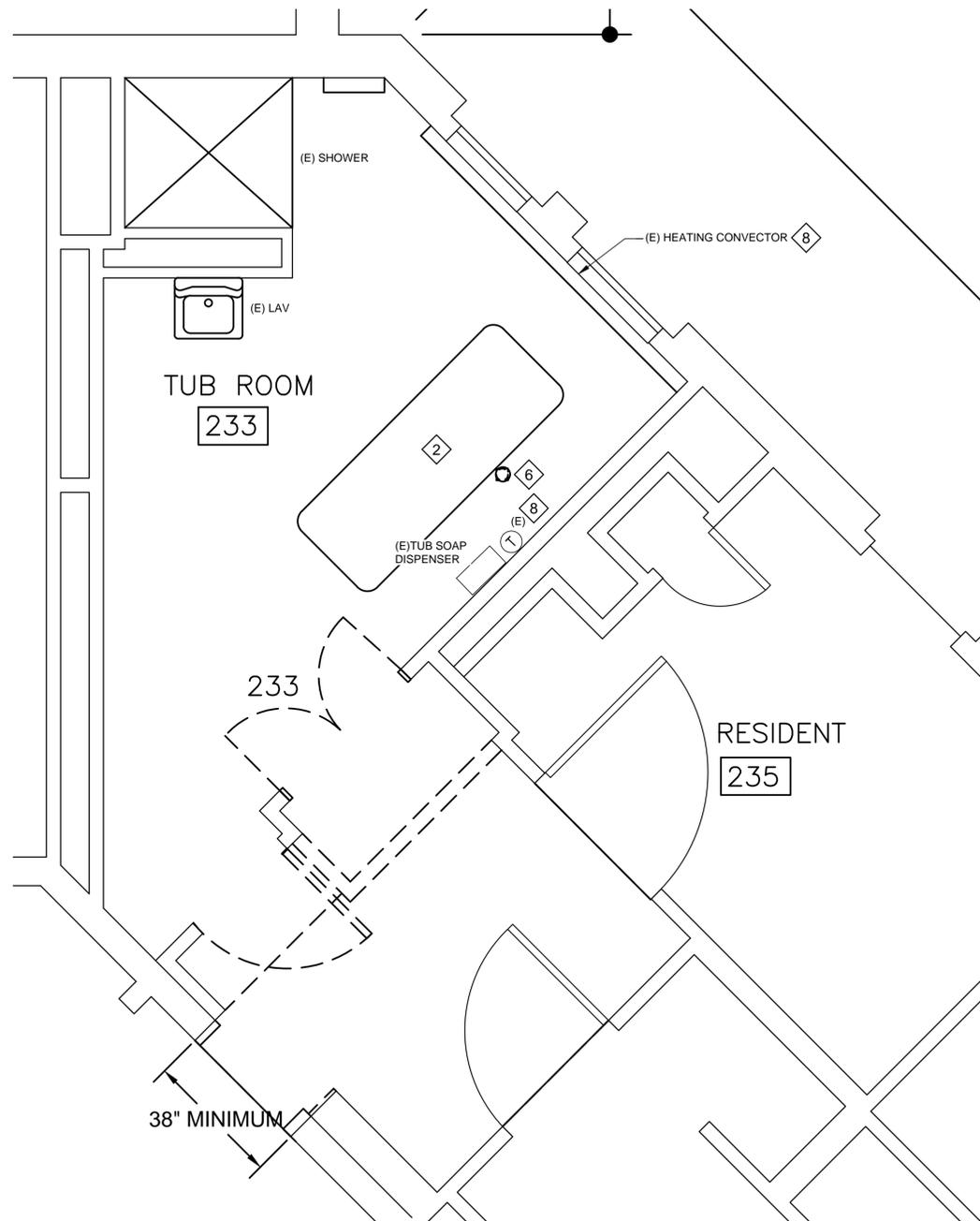
TAG	FIXTURE DESCRIPTION	HW/TW	CW	TRAP	WASTE	VENT	BASIS OF DESIGN	COMMENTS/TRIM	NOTE
WC-1	WATER CLOSET	-	1"		4"	2"	MANSFIELD #1301	PROVIDE BEMIS @1955SCT OPEN-FRONT TOILET SEAT. PROVIDE SLOAN INFRARED ACTUATED, BATTERY POWERED FLUSH VALVE #G2 8111.	
LAV-1	LAVATORY	1/2"	1/2"	1-1/4"	1-1/2"	1-1/2"	MANSFIELD "GRAND ILSE" #2018HBNS-4	PROVIDE MOEN CA 8301 BATTERY POWERED INFRARED ACTUATED FAUCET, CASH ACME HG135 ASSE-1070 TEMPERING VALVE OR EQUAL, INSULATED SUPPLIES AND WASTE.	
FD-1	FLOOR DRAIN	-	-	-	2"	1-1/2"	ZURN FLOOR DRAIN STRAINER ZS400BS	PROVIDE P-TRAP WITH TRAP PRIMER CONNECTION	
FS-1	FLOOR SINK	-	-	2"	2"	2"	ZURN Z1960-KC-LD-4	PROVIDE FLASHING MEMBRANE AND REINFORCING DOWELS ANCHORED TO ADJACENT FLOOR STRUCTURE	
SH-1	SHOWER	1/2"	1/2"		2"	1-1/2"	SYMMONS #BP-56-500-B30V-X-B-BV8-6	PROVIDE WATER HAMMER ARRESTERS PDI#A ON COLD WATER AND HOT WATER, PROVIDE ZURN Z1726 FLOOR DRAIN. ADJUSTABLE HAND SPRAY HEAD.	
WB-1	CLOTHES WASHER WALL BOX	1/2"	1/2"	-	2"	1-1/2"	GUY GRAY #DLWB1		
NOTES: [1]									

MECHANICAL SPECIFICATIONS

1. CODES AND REGULATIONS: ALL WORK HEREUNDER SHALL BE STRICTLY IN CONFORMANCE WITH 2018 INTERNATIONAL BUILDING CODES AND 2018 UNIFORM PLUMBING CODE, AND STATE OF ALASKA REQUIREMENTS, LATEST NATIONAL ELECTRIC CODE AND APPLICABLE CODES, AND REGULATIONS. ALL ELECTRICAL EQUIPMENT SHALL BEAR THE U.L. LABEL
2. DATA REQUIRED: FURNISH APPROVAL DATA FOR ALL EQUIPMENT AND FIXTURES. OTHER OR ADDITIONAL DATA, AS THE OWNER MAY DEEM NECESSARY, SHALL ALSO BE PROVIDED WHEN REQUESTED. APPROVAL OF THE DATA SHALL NOT ELIMINATE RESPONSIBILITY FOR COMPLIANCE WITH THE DRAWINGS OR SPECIFICATIONS UNLESS SPECIFIC ATTENTION HAS BEEN CALLED IN WRITING TO PROPOSED DEVIATIONS AT THE TIME OF TRANSMITTAL OF THE DATA AND SUCH DEVIATIONS HAVE BEEN APPROVED, NOR SHALL IT ELIMINATE THE RESPONSIBILITY FOR FREEDOM OF ERRORS OF ANY SORT IN THE DATA.
3. CLEANING SYSTEMS: EQUIPMENT AND PIPING THOROUGHLY CLEANED OF DIRT, DEBRIS AND REFUSE. AFTER THE SYSTEMS ARE INSTALLED COMPLETE, THEY SHALL BE CLEANED AS FOLLOWS: DOMESTIC WATER PIPING FLUSHED WITH CLEAN WATER. SEE DISINFECTION IN PARAGRAPH 10 BELOW. SYSTEM DRAINED AND THOROUGHLY FLUSHED WITH WATER.
4. ALL FIXTURES TO BE OF ONE MANUFACTURER UNLESS SPECIFIED OTHERWISE. ALL EXPOSED METAL PARTS OF FIXTURES, TRIM, AND SUPPLIES TO BE POLISHED CHROMIUM-PLATED UNLESS SPECIFIED OTHERWISE. ESCUTCHEONS AT WALL ON ALL EXPOSED PIPING. WITH HOT WATER AT LEFT, AND COLD WATER AT RIGHT, AND INDEXED HANDLES IF APPLICABLE. ALL SINK AND LAVATORY SUPPLY SPOUTS WITH AERATORS. WALL-HUNG FIXTURES, SECURED TO STRUCTURAL ELEMENTS BY MEANS OF CARRIERS, CONCEALED BRACKETS OR HANGERS. BRACING OR BLOCKING PROVIDED AS REQUIRED TO PROVIDE SOLID SUPPORT. ALL SUPPLY PIPING TO FIXTURE ANCHORED AT WALL. ACCURATELY PLUMB, HORIZONTAL, AND IN LINE. WALL-HUNG FIXTURES FITTED UNIFORMLY TO FINISHED SURFACES ALL AROUND. ALL COMPONENTS TO BE LEAD FREE AND CONFORMING TO NSF 61 ANNEX G AND NSF 372.
5. DOMESTIC WATER PIPE AND FITTINGS: DOMESTIC WATER PIPE TO BE HARD-DRAWN COPPER TUBING, TYPE L, CLASS 1, WITH WROUGHT COPPER SOLDER FITTINGS, WITH APPROVED FITTINGS AND JOINTS. PROVIDE PIPE SUPPORTS PER UNIFORM PLUMBING CODE AND/OR PIPE MANUFACTURER'S INSTALLATION INSTRUCTIONS. INSTALL PIPING PER MANUFACTURERS REQUIREMENTS. ALL COMPONENTS IN CONTACT WITH POTABLE WATER TO BE LEAD FREE, LABELED AS COMPLYING WITH ANSI/NSF 61 ANNEX G. INSTALL RISERS PLUMB AND TRUE. INTERIOR OF ALL PIPING SHALL BE CLEAN BEFORE INSTALLATION. AFTER PIPING INSTALLATION AND BEFORE FINAL CONNECTIONS TO BRANCHES, RISERS, OR FIXTURES, FLUSH PIPING, INCLUDING BRANCHES AND RISERS, WITH CLEAN WATER. PIPING INSTALLED WITH SPACE PROVIDED FOR INSULATION. SHOCK CHAMBERS INSTALLED AT END OF EACH HOT WATER AND COLD WATER BRANCH OR AS SHOWN ON DRAWINGS, SIZED PER MANUFACTURERS RECOMMENDATION. ALL PIPING TO PLUMBING FIXTURES ANCHORED SOLID AT THE WALL TO PREVENT MOVEMENT IN ANY DIRECTION. COPPER PIPING SYSTEMS SHALL BE INSULATED WITH FIBERGLASS INSULATION WITH VAPOR BARRIER.
6. DISINFECTION: ALL PARTS OF THE WATER SYSTEM DISINFECTED WITH CHLORINE BEFORE ACCEPTANCE. LIQUID CHLORINE OR HYDROCHLORIDE TO PROVIDE A DOSAGE OF 50 PARTS PER MILLION, FOR A CONTACT PERIOD OF 24 HOURS. ALL VALVES IN THE SYSTEM OPENED AND CLOSED TWICE DURING THE CONTACT PERIOD. AFTER DISINFECTING, SYSTEM FLUSHED OUT WITH WATER UNTIL THE RESIDUAL CHLORINE IS NOT MORE THAN 1.0 PARTS PER MILLION. THE CONTRACTOR SHALL CERTIFY IN WRITING THAT DISINFECTION HAS BEEN COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS.
7. WASTE AND VENT PIPING: CISPI 301, SERVICE WEIGHT HUB-LESS WITH CISPI 301 CAST IRON FITTINGS AND CISPI 310 NEOPRENE GASKET AND STAINLESS STEEL CLAMP AND SHIELD ASSEMBLIES WITH 4 CLAMPING BANDS, HUSKY 4000 SERIES OR EQUAL. ROUTE WASTE PIPING WITH GRADE NOT LESS THAN 1/4 INCH PER FOOT AND VENT PIPING PITCHED TO DRAIN BACK TO FIXTURES. ALL MATERIAL AND FITTINGS SHALL CONFORM TO THE REQUIREMENTS OF THE UNIFORM PLUMBING CODE. ALL FIXTURES INDIVIDUALLY VENTED.
8. PIPING TESTS: ENCLOSED PIPING TESTED BEFORE CONCEALING. TESTS MADE IN THE PRESENCE OF THE OWNER OR THEIR REPRESENTATIVE. DOMESTIC WATER PIPING TESTED HYDROSTATICALLY AT 125 PSI FOR MINIMUM OF ONE HOUR. DRAINAGE, WASTE, AND VENT PIPING TESTED HYDROSTATICALLY BY FILLING PIPING WITH WATER TO HIGHEST POINT FOR A MINIMUM OF ONE HOUR. IN THE ABOVE TESTS, THE SYSTEM UNDER TEST TO REMAIN TIGHT WITHOUT LEAKS, DISPLACEMENT, OR STRAINING. LEAKS DEVELOPING DURING TESTS CORRECTED AND TESTS RENEWED UNTIL A PERFECTLY TIGHT JOB IS OBTAINED. LEAKAGE IN THREADED PIPE AND FITTINGS REPAIRED WITHOUT CAULKING AND SYSTEM RETESTED.
9. DOMESTIC HOT WATER TEMPERING VALVES: ASSE-1070 AND IAPMO LISTED. TEMPERING VALVE TO MAINTAIN THE MIXED HOT WATER TEMPERATURE TO BETWEEN 80 DEGREES F AND 120 DEGREES F WITH FLOW RATES DOWN TO 0.5 GPM., LEAD-FREE, INTEGRAL CHECK VALVES, INTEGRAL TEMPERATURE ADJUSTMENT TO TEMPER HOT WATER SUPPLY TO THE LAVATORY FAUCET TO MAXIMUM 115 DEGREES F. HEATGUARD HTG 135 OR APPROVED EQUAL.
10. WATER CLOSET: ASME A112.19.2: HIGH-EFFICIENCY, 1.6 GALLON PER FLUSH, WALL HUNG, SIPHON JET CHINA CLOSET BOWL WITH ELONGATED RIM MOUNTED 17 INCHES ABOVE FINISHED FLOOR. 1-1/2-INCH TOP SPUD. HANDS-FREE INFRARED OPERATED FLUSH VALVE USING 1.6 GALLONS PER FLUSH, POLISHED CHROME PLATED, WITH EXPOSED VACUUM TUBE CONNECTING TO WATER CLOSET SPUD. OPEN FRONT SOLID PLASTIC SEAT WITHOUT LID, SELF-SUSTAINING CHECK HINGES, NON-CORRODING STAINLESS STEEL MOUNTING HARDWARE.
11. LAVATORY: ASME A112.19.2; WALL MOUNTED VITREOUS CHINA LAVATORY WITH HIGH BACK, CONCEALED ARM INSTALLATION, FAUCET MOUNTING HOLES 4-INCH ON-CENTER, ADA COMPLIANT, 22" X 18-1/8" OUTSIDE DIMENSIONS. FAUCET TO BE CHROME-PLATED SOLID BRASS BATTERY POWERED, INFRARED ACTUATED, 4-1/2-INCH HIGH SPOUT, 4-INCH CENTERSET, VANDAL RESISTANT 0.5 GPM AERATOR. PROVIDE WALL-MOUNTED, POLISHED CHROME PLATED, COMPACT ASSE-1070 COMPLIANT HOT WATER TEMPERING VALVE WITH INTEGRAL CHECK VALVES, ENGINEERED POLYMER REGULATING PISTON, ADJUSTING MECHANISM PROTECTED BY THREADED COVER, WALL MOUNTING BRACKET. CASH ACME HEATGUARD 135 IS BASIS OF DESIGN. PROVIDE MANUFACTURED INSULATION COVERS ON WATER AND WASTE PIPING BELOW LAVATORY, TRUEBRO "LAVGUARD2" OR EQUAL.
12. SHOWER: SHOWER TO BE BUILT IN PLACE. PROVIDE ANSI A112.18.1 PRESSURE BALANCING SHOWER VALVE WITH ADJUSTABLE HIGH-LIMIT STOP, INTEGRAL SERVICE STOPS, POLISHED CHROME PLATED BRASS ESCUTCHEON, WALL-MOUNTED SHOWER HEAD WITH CHROME-PLATED BRASS ARM AND FLANGE, LEVER DIVERTER WITH INTEGRAL VOLUME CONTROL, 30-INCH SLIDE BAR WITH HAND-HELD SHOWER MOUNTING BRACKET, AND 5-FOOT FLEXIBLE METAL HOSE WITH IN-LINE VACUUM BREAKER, 2.5 GPM SHOWER VALVE. BASIS OF DESIGN IS SYMONS BP-500-B30-V.
13. CLOTHES WASHER WALL BOX: DUAL-LEVER WASHING MACHINE OUTLET BOX WITH SINGLE LEVER ACTUATED BALL VALVES, 2-INCH DRAIN OUTLET, STAINLESS STEEL
14. FLOOR DRAIN: EXISTING FLOOR DRAIN. PROVIDE NEW ROUND, MEDIUM DUTY, STAINLESS STEEL HEEL-PROOF GRATE. CONTRACTOR TO VERIFY SIZE OF EXISTING DRAIN AND MATCH SIZE.
15. FLOOR SINK: 8-INCH DIAMETER X 6-INCH DEEP CAST IRON BODY AND SQUARED HOLE LIGHT-DUTY GRATE, WHITE ACID-RESISTING PORCELAIN ENAMEL INTERIOR AND TOP, LESS STRAINER, ANCHOR FLANGE WITH SEEPAGE HOLES AND CLAMP COLLAR, FULL-GRATE WITH CENTER OPENING, 2-INCH OUTLET.
16. FLOOR DRAIN TRAP PRIMER: ASSE 1018, AUTOMATIC TRAP PRIMING VALVE, WITH DIAPHRAGM ACTUATION OPERATING ON 10 PSI PRESSURE DROP OR SPIKE IN DOMESTIC WATER SYSTEM, BRASS CONSTRUCTION. OPERATING RANGE 20 TO 80 PSIG. BASIS OF DESIGN IS PRECISION PLUMBING PRODUCTS "DUALFLOW" CPO-500.



① FLOOR PLAN - FLOOR 1, ROOM 133
1/2" = 1'-0"



② FLOOR PLAN - FLOOR 2, ROOM 233
1/2" = 1'-0"



SHEET NOTES

1. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE (2018 EDITION AS AMENDED) AND PER ACCEPTED INDUSTRY PRACTICES AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. THE CONTRACTOR SHALL PROTECT FROM DAMAGE, REMOVE, CLEAN, AND SECURELY STORE PLUMBING FIXTURES NOTED TO BE SALVAGED AND REUSED.
3. ORIGINAL PIPING AND PIPE FITTINGS IN THIS BUILDING HAVE ASBESTOS-CONTAINING THERMAL SYSTEM INSULATION. ANY NON-FIBERGLASS INSULATION ENCOUNTERED ON THIS PROJECT NEEDS TO BE ASSESSED FOR ASBESTOS CONTENT. ALL DISTURBANCE OF ASBESTOS-CONTAINING MATERIALS MUST BE DONE BY TRAINED WORKERS IN ACCORDANCE WITH SECTION 028213.

SHEET KEYNOTES #

1. DEMOLISH EXISTING WATER CLOSET, LAVATORY, FITTINGS AND FIXTURE APPURTENANCES IN ENTIRETY. EXISTING LAVATORY AND WATER CLOSET WATER, WASTE, AND VENT PIPING TO REMAIN FOR REUSE. DEMOLISH EXISTING WATER CLOSET CARRIER AND LAVATORY SUPPORT AND WALL BRACKET OR CARRIER.
2. REMOVE AND SALVAGE THE TUB AND ASSOCIATED WATER SUPPLY PRESSURE REDUCING VALVE AND FILTER ASSEMBLIES AND STORE SECURELY FOR REUSE.
3. REMOVE EXISTING FLOOR DRAIN STRAINER. EXISTING FLOOR DRAIN AND ASSOCIATED WASTE AND VENT PIPING TO REMAIN.
4. DEMOLISH EXISTING EXPOSED WATER OUTLETS AND WASTE PIPING SERVING THE CLOTHES WASHER. EXISTING WATER PIPING CONCEALED IN THE WALL ARE TO REMAIN FOR REUSE. WASTE AND VENT PIPING BELOW THE FLOOR IN CEILING SPACE BELOW SLAB ARE TO REMAIN FOR REUSE.
5. DEMOLISH EXISTING SHOWER VALVE, SHOWER DRAIN, SHOWER HEAD ASSEMBLY, AND ASSOCIATED APPURTENANCES IN ENTIRETY. EXISTING WATER, WASTE, AND VENT PIPING TO REMAIN FOR REUSE. RETAIN THERMOMETER FOR REINSTALLATION.
6. DEMOLISH EXISTING TUB FLOOR DRAIN AND TUB WASTE PIPE CONNECTION AT THE WALL. CAP WASTE PIPE IN THE WALL. EXISTING P-TRAP AND DRAIN PIPE BELOW THE FLOOR DRAIN TO REMAIN FOR REUSE. DEMOLISH SUFFICIENT CONCRETE AT THE DRAIN OPENING TO INSTALL NEW FLOOR SINK, ANCHORING FLANGE, MEMBRANE FLASHING AND CLAMP AND REINFORCING DOWELS.
7. COVER AND RETAIN. PROTECT DURING DEMOLITION. WIRING TO BE REINSTALLED WITHIN WALL WITH THERMOSTAT JUNCTION BOX RECESSED.
8. REMOVE HEATING UNIT COVER, CLEAN, AND STORE FOR REINSTALL.



← 1" ACTUAL →

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED AFFECTING ALL LABELED SCALES.

SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
 STATE OF ALASKA - JNU 16-14C
 SITKA, ALASKA

SHEET TITLE:
DEMOLITION FLOOR PLANS

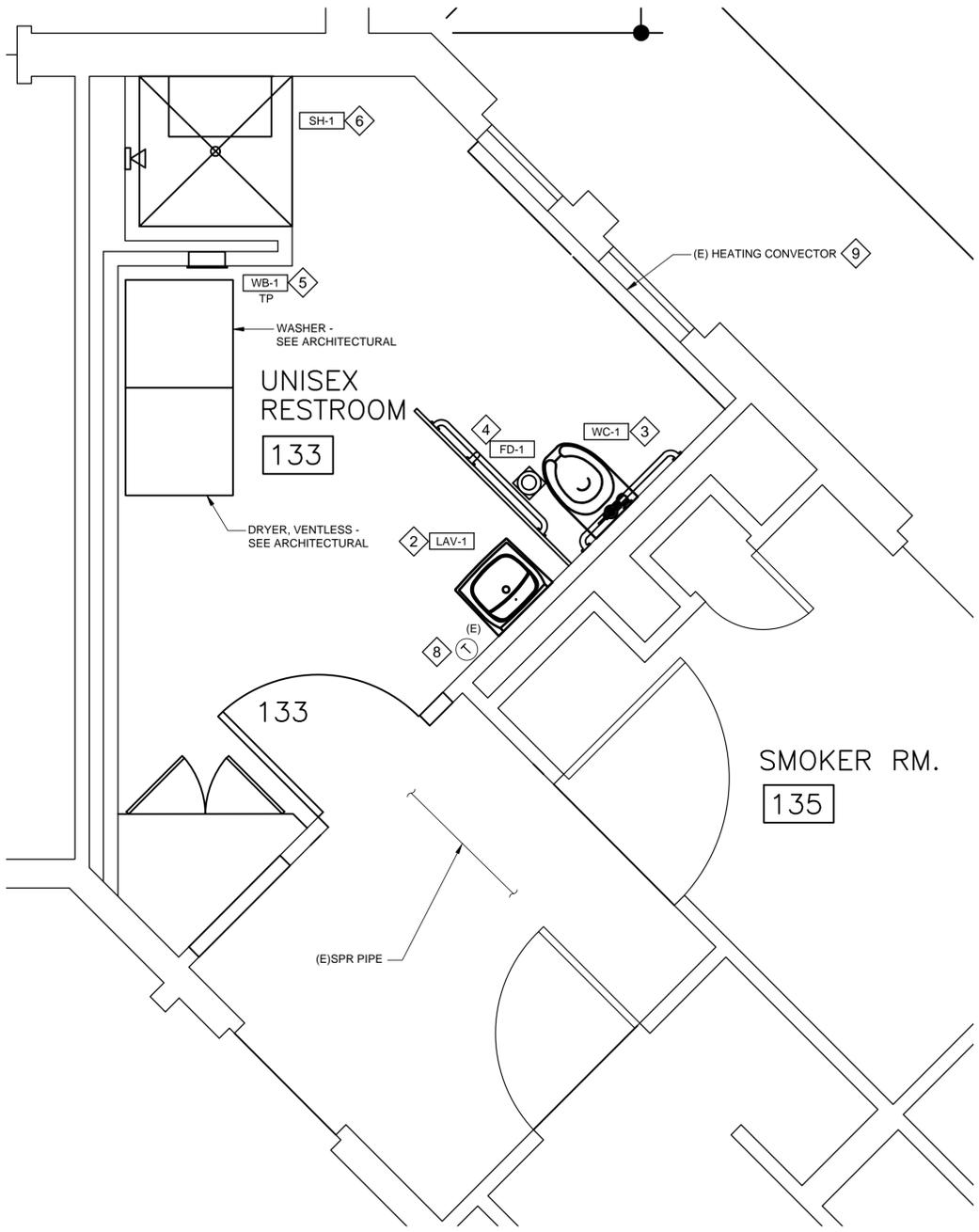
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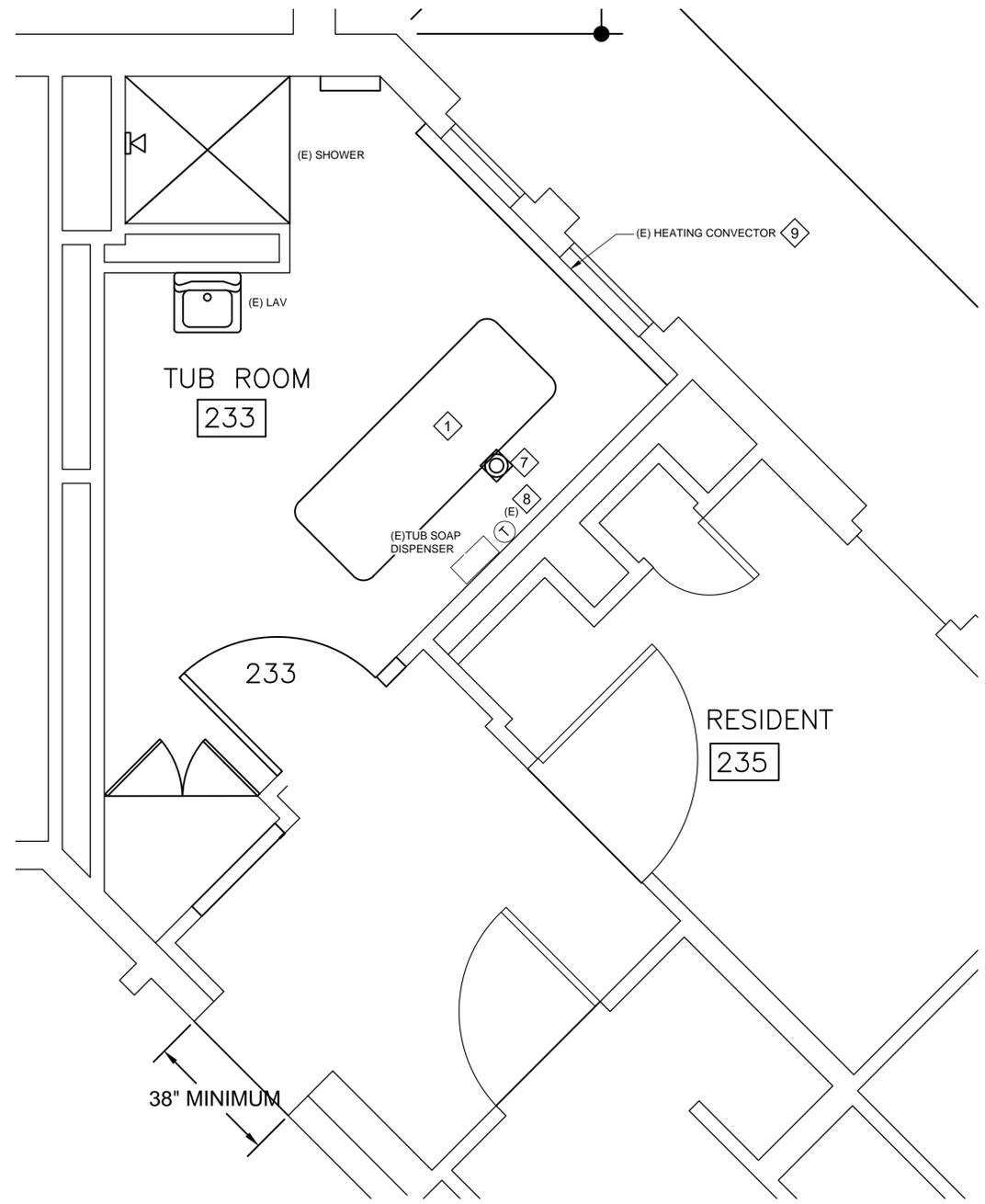


1" = ACTUAL
IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
STATE OF ALASKA - JNU 16-14C
SITKA, ALASKA



① FLOOR PLAN - FLOOR 1, ROOM 133
1/2" = 1'-0"



② FLOOR PLAN - FLOOR 2, ROOM 233
1/2" = 1'-0"

SHEET NOTES

1. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE (2018 EDITION AS AMENDED) AND PER ACCEPTED INDUSTRY PRACTICES AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. THE CONTRACTOR SHALL PROTECT FROM DAMAGE, REMOVE, CLEAN, AND SECURELY STORE PLUMBING FIXTURES NOTED TO BE SALVAGED AND REUSED.

SHEET KEYNOTES #

1. REINSTALL SALVAGED TUB, WATER SUPPLY PRESSURE REDUCING VALVE AND FILTER ASSEMBLIES, AND APPURTENANCES. RE-CONNECT TO EXISTING WATER SUPPLIES. REINSTALL DRAINAGE PLUMBING TO FLOOR SINK WITH AIR GAP.
2. PROVIDE NEW LAVATORY SECURELY MOUNTED TO NEW FLOOR-MOUNTED FIXTURE CARRIER WITH RECTANGULAR STEEL UPRIGHTS WITH WELDED FEET BOLTED TO THE FLOOR, CONCEALED ARM SUPPORTS ADJUSTED TO MOUNT LAVATORY AT ADA HEIGHT. PROVIDE NEW LAVATORY FAUCET AND ISOLATION VALVES, TAILPIECE, P-TRAP AND TRAP ARM. CONNECT LAVATORY TO EXISTING WATER, WASTE, AND VENT PIPING. PROVIDE MANUFACTURED INSULATION JACKETING TO LAVATORY WATER AND WASTE PIPING BELOW LAVATORY. PROVIDE ASSE-1070 COMPLIANT HOT WATER TEMPERING VALVE ON LAVATORY HOT WATER SUPPLY.
3. PROVIDE NEW WATER CLOSET CARRIER SET TO PROVIDE ADA MOUNTING HEIGHT FOR THE WATER CLOSET. CONNECT NEW WATER CLOSET CARRIER TO EXISTING WASTE AND VENT PIPING AND BOLT CARRIER SECURELY TO FLOOR. PROVIDE NEW WATER CLOSET FLUSH VALVE AND CONNECT TO EXISTING COLD WATER SUPPLY. PROVIDE WATER HAMMER ARRESTER, PDI#A ON WATER SUPPLY CONCEALED IN THE WALL.
4. PROVIDE NEW FLOOR DRAIN GRATE IN EXISTING FLOOR DRAIN BODY. CONNECT TRAP PRIMER LINE TO FLOOR DRAIN TRAP PRIMER TAP. IF TRAP PRIMER TAP IS NOT AVAILABLE, PROVIDE NEW P-TRAP WITH TRAP PRIMER CONNECTION CONNECTED TO FLOOR DRAIN AND EXISTING WASTE PIPE AND CONNECT TRAP PRIMER LINE. TRAP PRIMER LINE Routed FROM TP UNDER WASHER BOX.
5. PROVIDE NEW RECESSED CLOTHES WASHER WALL BOX. PROVIDE NEW WATER, WASTE, AND VENT PIPING CONNECTED TO WALL BOX. PROVIDE WATER HAMMER ARRESTERS, PDI#A ON BOTH COLD WATER AND HOT WATER SUPPLIES CONCEALED IN THE WALL AT THE WALL BOX. PROVIDE A 1/2" CW BRANCH TO A FLOOR DRAIN TRAP PRIMER VALVE WITH DISTRIBUTION BOX, LOCATED IN WALL ACCESS PANEL. ROUTE TRAP PRIMER LINES TO THE FLOOR DRAIN TRAP BY THE TUB. ROUTE 2" VENT PIPE UP IN WALL AND CONNECT TO VENT PIPE SERVING SHOWER DRAIN. ROUTE WASTE PIPE DOWN IN WALL, THROUGH CONCRETE FLOOR INTO CEILING SPACE BELOW AND CONNECT TO EXISTING 2" WASTE PREVIOUSLY SERVING CLOTHES WASHER DRAIN.
6. PROVIDE NEW SHOWER VALVE, SHOWER DRAIN, SHOWER HEAD ASSEMBLY, AND ASSOCIATED APPURTENANCES IN ENTIRETY. CONNECT EXISTING COLD AND HOT WATER TO THE NEW SHOWER VALVE, CONNECT EXISTING WASTE PIPE TO THE NEW SHOWER DRAIN P-TRAP. REINSTALL THERMOMETER IN SHOWER SUPPLY.
7. PROVIDE NEW FLOOR SINK IN LOCATION OF DEMOLISHED FLOOR DRAIN. CONNECT TO EXISTING P-TRAP REMAINING FROM DEMOLISHED FLOOR DRAIN. PROVIDE FLASHING MEMBRANE CLAMPED INTO FLOOR SINK CLAMPING COLLAR AND REINFORCING DOWELS ANCHORED INTO ADJACENT CONCRETE TO SECURE NEW CONCRETE TO EXISTING STRUCTURE.
8. PROTECT DURING CONSTRUCTION. REINSTALL THERMOSTAT JUNCTION BOX RECESSED. MOUNT THERMOSTAT TO FACE. INSTALL THERMOSTAT WIRING CONCEALED IN WALL. REINSTALL AS NEEDED, VERIFY OPERATION OF HEATING UNIT.
9. CLEAN, SAND, PRIME, AND REPAINT WITH TWO COATS THE HEATING ENCLOSURE COVER. PAINT WITH COLOR SELECTED BY ARCHITECT. REINSTALL.

DATE:	JUNE 7, 2022
REVISION:	XX
CHECKED BY:	DHM
DRAWN:	CSB

SHEET TITLE:
FLOOR PLANS

LEGEND

ABBREVIATIONS:

AFF ABOVE FINISHED FLOOR
 GFI GROUND FAULT INTERRUPTED

SHEET NOTE SYMBOLS:

(D) DEMOLISH
 (N) NEW
 (R) RELOCATE EXISTING

FIRE ALARM:

■ ELECTROMAGNETIC DOOR HOLDER
 ☒ HORN STROBE
 ☉ SMOKE DETECTOR

POWER:

⊕ DUPLEX RECEPTACLE
 ⊕ DUPLEX RECEPTACLE, ABOVE COUNTER
 ⊕ 250V SINGLE PHASE RECEPTACLE
 ⊕ 250V SINGLE PHASE RECEPTACLE, ABOVE COUNTER
 Ⓝ JUNCTION BOX
 Ⓞ CONDULET OR CONDUIT BODY

LIGHTING CONTROLS:

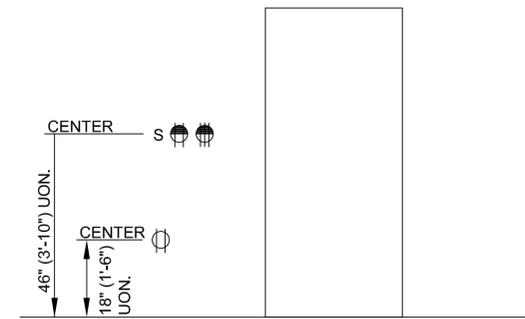
S SINGLE POLE SWITCH
 ⬠ OCCUPANCY SENSOR

CONDUIT & CONDUCTORS:

— HOME RUN
 — CONDUIT: 1/2" UON.
 — UNGROUNDED CONDUCTORS (#12 AWG)
 — NEUTRAL: #10 WITH DOT
 — #12 OTHERWISE
 — GROUND CONDUCTOR
 — CONDUCTORS NOT SHOWN WHERE ONLY #12 NEUTRAL AND UNGROUNDED CONDUCTOR ARE REQUIRED
 - - - CONDUIT IN BELOW FLOOR

NURSE CALL SYSTEMS:

Ⓝ NURSE CALL STATION



TYPICAL DEVICE MOUNTING HEIGHTS
 NO SCALE

NOTES:

- HEIGHTS SHOWN ARE TYPICAL TO CENTERLINE OF BOX UNLESS OTHERWISE NOTED.
- COORDINATE DEVICE LOCATIONS WITH ARCHITECT.



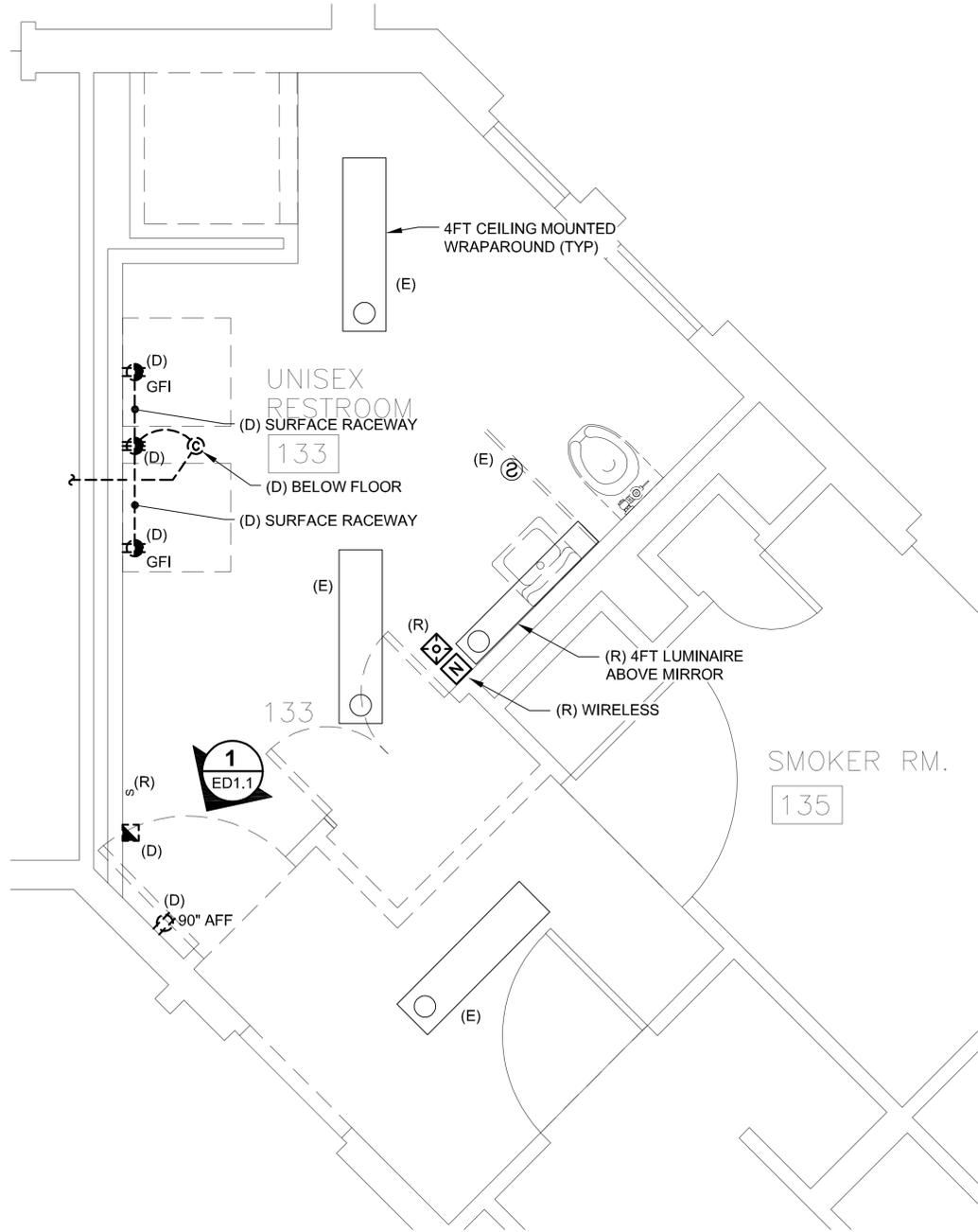
1" ACTUAL
 IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
 STATE OF ALASKA - JNU 16-14C
 SITKA, ALASKA

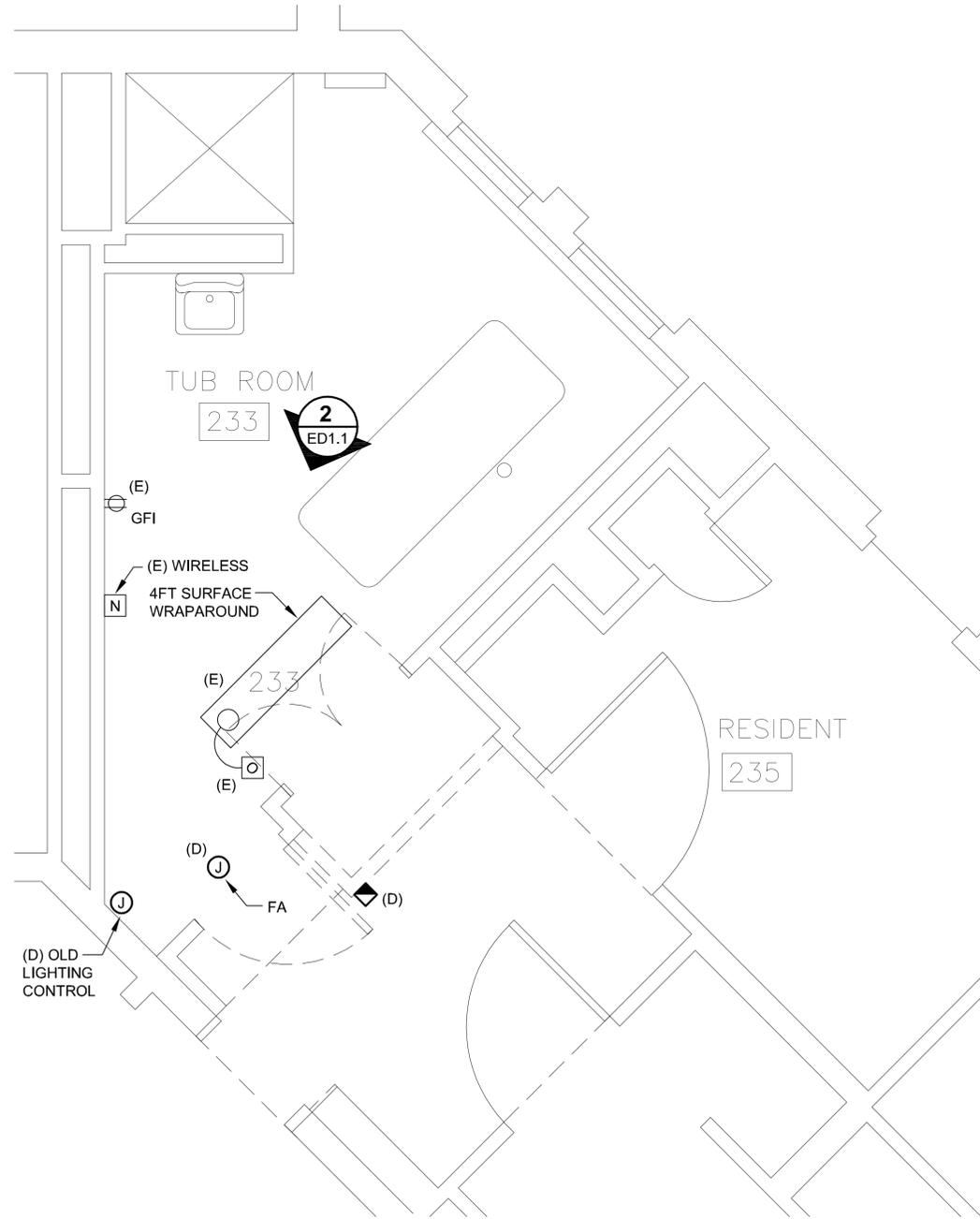
SHEET TITLE:
DEMOLITION FLOOR PLANS

DATE: JUNE 7, 2022
 REVISION: XX
 CHECKED BY: KHD
 DRAWN: REJ

SHEET #
ED1.0



1 FLOOR PLAN - FLOOR 1, ROOM 133
 1/2" = 1'-0"



2 FLOOR PLAN - FLOOR 2, ROOM 233
 1/2" = 1'-0"





① PHOTO - ROOM 133



② PHOTO - ROOM 233

SHEET NOTES

1. COORDINATE THE INSTALLATION OF THE NEW CLOSETS AND NEW DOORS WITH THE EXISTING ELECTRICAL DEVICES.
2. ALL FINISHES ARE ASSUMED TO CONTAIN LEAD. ANY DISTURBANCE OF WALL AND CEILING MATERIALS MUST BE DONE BY TRAINED WORKERS IN ACCORDANCE WITH SECTION 028333.



← 1" ACTUAL →

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

SITKA PIONEER HOME
 BATHROOM ACCESSIBILITY
 STATE OF ALASKA - JNU 16-14C
 SITKA, ALASKA

SHEET TITLE:
 PHOTOS

DATE: JUNE 7, 2022
 REVISION: XX
 CHECKED BY: KHD
 DRAWN: REJ

SHEET #
 ED1.1



Juneau, AK
 9155 Mendocino Hill Rd Ste. 4
 Juneau, AK 99801
 Phone: 907.780.6060
 Fax: 907.595.3771
 AECG163270

1" ACTUAL
 IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
 STATE OF ALASKA - JNU 16-14C
 SITKA, ALASKA

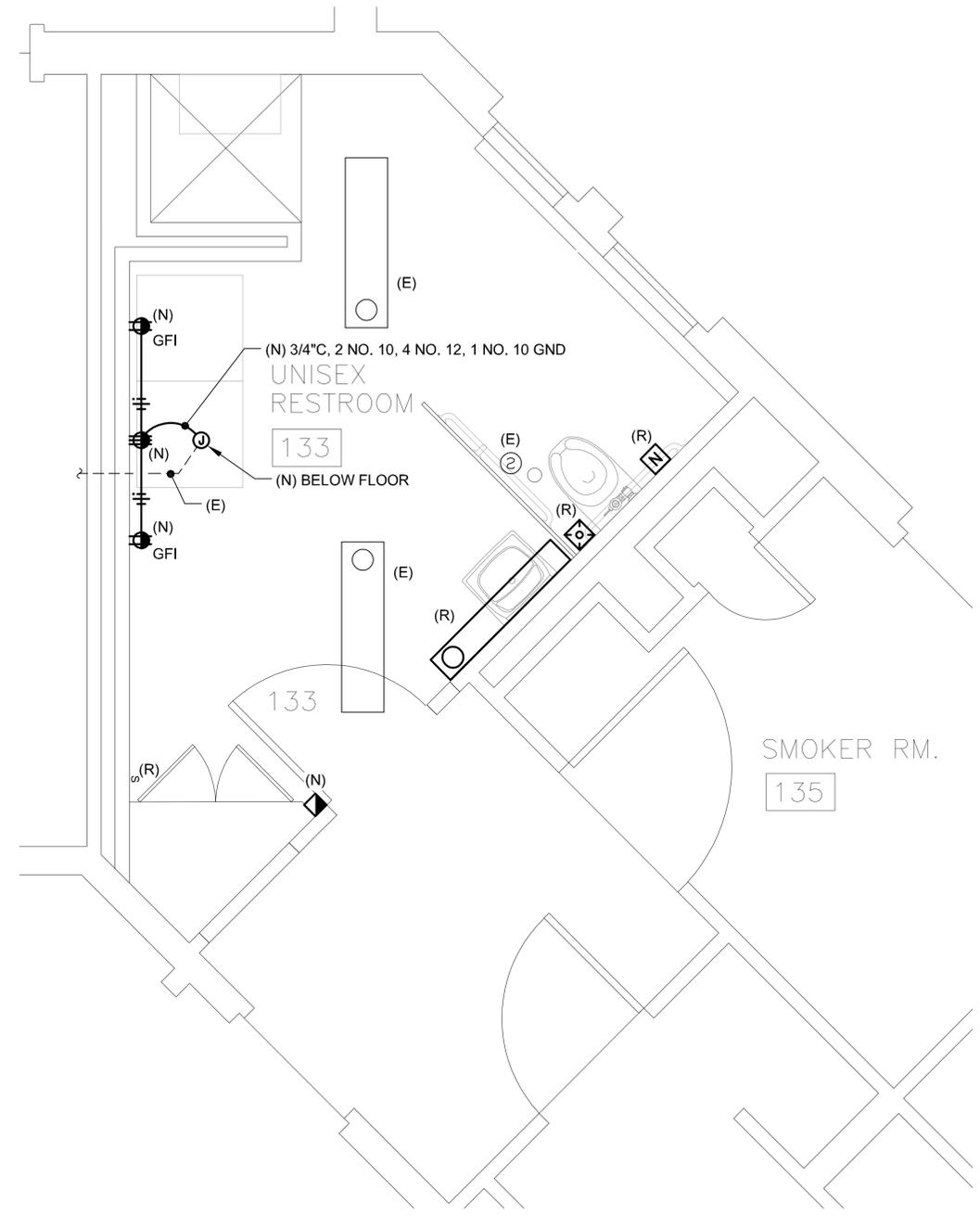
SHEET TITLE:
 FLOOR PLANS

DATE: JUNE 7, 2022
 REVISION: XX
 CHECKED BY: KHD
 DRAWN: REJ

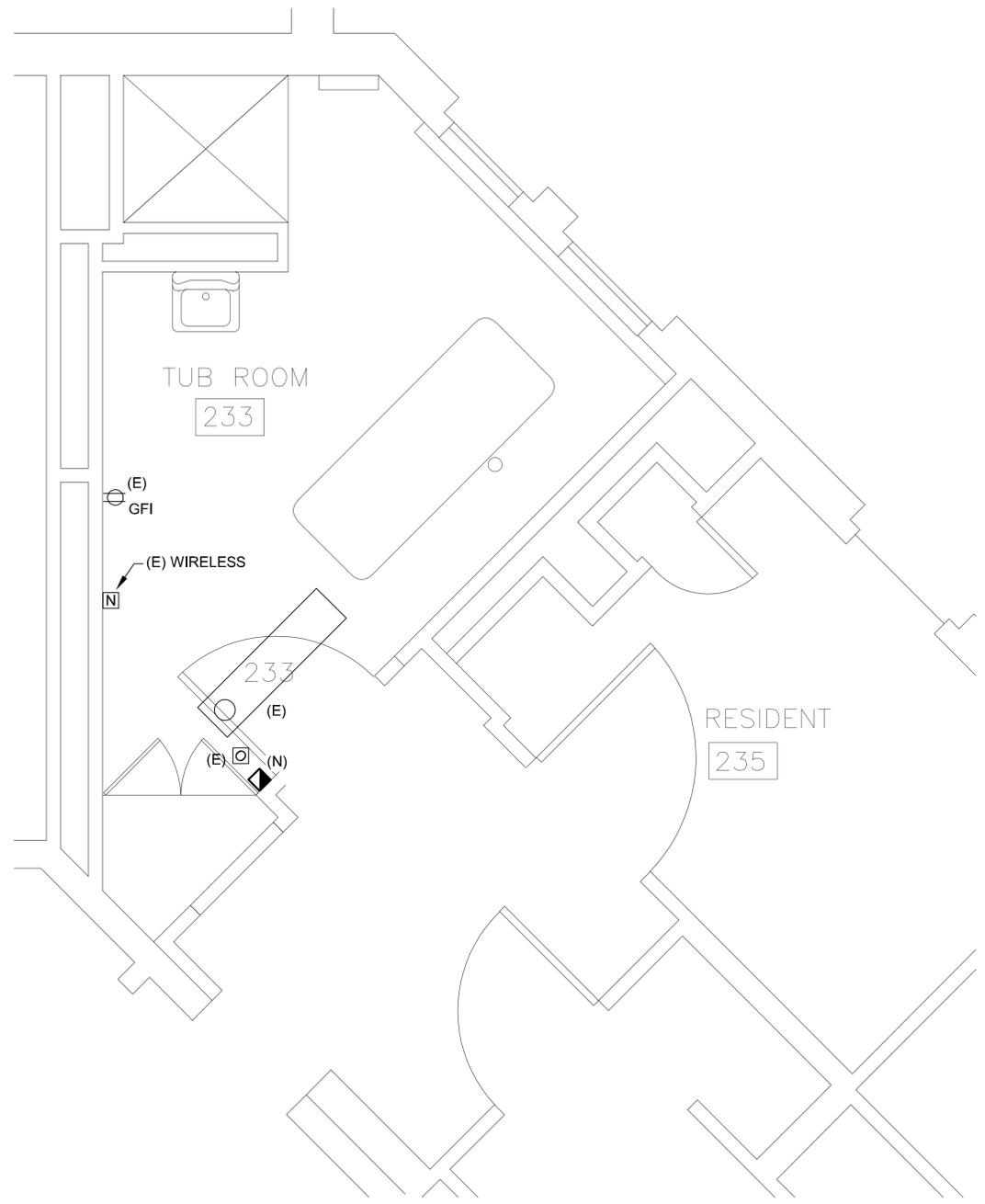
SHEET #
E1.0

SHEET NOTES

1. ALL NEW CONDUITS SHALL BE CONCEALED, AND ALL NEW DEVICES SHALL BE RECESSED.
2. THE NEW ELECTROMAGNETIC DOOR HOLDERS SHALL BE INTEGRATED WITH THE DOOR CLOSERS. COORDINATE THE DOOR HOLDER LOCATIONS WITH THE DOOR HARDWARE. EXTEND THE EXISTING DOOR HOLDER CIRCUITS TO THE NEW DOOR HOLDER LOCATIONS.



① FLOOR PLAN - FLOOR 1, ROOM 133
 1/2" = 1'-0"



② FLOOR PLAN - FLOOR 2, ROOM 233
 1/2" = 1'-0"

GENERAL

- 1.1 DEFINITIONS
 - a. EMT: Electrical metallic tubing.
 - b. GFCI: Ground-fault circuit interrupter.
- 1.2 QUALITY ASSURANCE
 - a. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
 - b. Comply with NFPA 70.
- 1.3 FIELD QUALITY CONTROL
 - a. Inspect installed components for damage and faulty work, including the following:
 1. Supporting devices for electrical components.
 2. Electrical identification.
 3. Electrical demolition.
 4. Cutting and patching for electrical construction.
 5. Touchup painting.
 - b. Wiring Devices:
 1. After installing wiring devices and after electrical circuitry has been energized, test for proper polarity, ground continuity, and compliance with requirements.
 2. Test GFCI operation with both local and remote fault simulations according to manufacturer's written instructions.
- 1.4 REFINISHING AND TOUCHUP PAINTING
 - a. Refinish and touchup paint.
 1. Clean damaged and disturbed areas and apply primer, intermediate, and finish coats to suit the degree of damage at each location.
 2. Follow paint manufacturer's written instructions for surface preparation and for timing and application of successive coats.
- 1.5 CLEANING AND PROTECTION
 - a. On completion of installation, including outlets, fittings, and devices, inspect exposed finish. Remove burrs, dirt, paint spots, and construction debris.
 - b. Protect equipment and installations and maintain conditions to ensure that coatings, finishes, and cabinets are without damage or deterioration at time of Substantial Completion.

BASIC MATERIALS AND METHODS

- 1.1 SUPPORTING DEVICES
 - a. Material: Cold-formed steel, with corrosion-resistant coating acceptable to authorities having jurisdiction.
 - b. Raceway and Cable Supports: Manufactured straps, threaded C-clamps with retainers.
 - c. Electrical Equipment Installation:
 1. Materials and Components: Install level, plumb, and parallel and perpendicular to other building systems and components, unless otherwise indicated.
 - d. Electrical Supporting Device Application:
 1. Dry Locations: Steel materials.
 - e. Support Installation:
 1. Install support devices to securely and permanently fasten and support electrical components.
 2. Support sheet-metal boxes directly from the building structure.
 3. Securely fasten electrical items and their supports to the building structure, unless otherwise indicated. Perform fastening according to the following unless other fastening methods are indicated:
 - a. Wood: Fasten with wood screws or screw-type nails.
- 1.2 IDENTIFICATION
 - a. Identification Devices: A single type of identification product for each application category. Use colors prescribed by ANSI A13.1, NFPA 70, and these Specifications.
 - b. Installation:
 1. Install at locations for most convenient viewing without interference with operation and maintenance of equipment.
 2. Coordinate names, abbreviations, colors, and other designations used for electrical identification with corresponding designations indicated in the Contract Documents or required by codes and standards. Use consistent designations throughout Project.
 3. Self-Adhesive Identification Products: Clean surfaces before applying.
 4. Color-code 208/120-V system branch-circuit conductors throughout the secondary electrical system as follows:
 - a. Phase A: Black
 - b. Phase B: Red
 - c. Phase C: Blue
- 1.3 DEMOLITION
 - a. Protect existing electrical equipment and installations indicated to remain. If damaged or disturbed in the course of the Work, remove damaged portions and install new products of equal capacity, quality, and functionality.
 - b. Accessible Work: Remove exposed electrical equipment and installations, indicated to be demolished, in their entirety.
 - c. Remove demolished material from Project site.
 - d. Remove, store, clean, reinstall, reconnect, and make operational components indicted for relocation.
- 1.4 CUTTING AND PATCHING
 - a. Cut, channel, chase, and drill floors, walls, partitions, ceilings, and other surfaces required to permit electrical installations. Perform cutting by skilled mechanics of trades involved.
 - b. Repair and refinish disturbed finish materials and other surfaces to match adjacent undisturbed surfaces. Install new fireproofing where existing firestopping has been disturbed. Repair and refinish materials and other surfaces by skilled mechanics of trades involved.
- 1.5 TOUCHUP PAINT
 - a. For Equipment: Equipment manufacturer's paint selected to match installed equipment finish.

GROUNDING

- 1.1 GROUNDING CONDUCTORS
 - a. Material: Copper, only.
 - b. Equipment Grounding Conductors: Insulated with green-colored insulation.
- 1.2 CONNECTOR PRODUCTS
 - a. Comply with IEEE 837 and UL 467; listed for use for specific types, sizes, and combinations of conductors and connected items.

1.3 INSTALLATION

- a. In raceways, use insulated equipment grounding conductors.

CONDUCTORS AND CABLES

- 1.1 CONDUCTOR AND CABLE MATERIAL
 - a. Copper complying with NEMA WC 5 or 7; stranded.
 - b. Insulation Types: Type THHN-THWN.
- 1.2 CONDUCTOR AND INSULATION APPLICATIONS
 - a. Branch Circuits Concealed in Ceilings, Walls, and Partitions: Type THHN-THWN conductors in raceways.
 - b. Coordinate conductor insulation temperature rating and ampacity rating with the temperature and ampacity rating of their circuit protection devices.
 - c. Tighten electrical connectors and terminals according to manufacturer's published torque-tightening values. If manufacturer's torque values are not indicated, use those specified in UL 486A and UL 486B.
 - d. Make splices and taps that are compatible with conductor material and that possess equivalent or better mechanical strength and insulation ratings than unspliced conductors.
 - e. Wiring at Outlets: Install conductor at each outlet, with at least 6 inches of slack.

RACEWAYS

1.1 CONDUIT AND TUBING

- a. EMT and Fittings: ANSI C80.3
 1. Fittings: Set-screw or compression type.

1.2 INSTALLATION

- a. Indoors:
 1. Concealed: EMT.
 2. Boxes and Enclosures: NEMA 250, Type 1.
- b. Minimum Raceway Size: ½-inch trade size.
- c. Raceway Fittings: Compatible with raceways and suitable for use and location.
- d. Conceal conduit and EMT within finished and inaccessible walls and floors, unless otherwise indicated.
- e. Join raceways with fittings designed and approved for that purpose and make joints tight.
- f. Tighten set screws of threadless fittings with suitable tools.
- g. Terminations:
 1. Where raceways are terminated with locknuts and bushings, align raceways to enter squarely and install locknuts with dished part against box. Use two locknuts, one inside and one outside box.
 2. Where raceways are terminated with threaded hubs, screw raceways or fittings tightly into hub so end bears against wire protection shoulder. Where chase nipples are used, align raceways so coupling is square to box; tighten chase nipple so no threads are exposed.

BOXES, ENCLOSURES, AND CABINETS

- 1.1 Sheet Metal Outlet and Device Boxes: NEMA OS 1.
- 1.2 Small Sheet Metal Pull and Junction Boxes: NEMA OS 1.

WIRING DEVICES

1.1 RECEPTACLES

- a. Straight-Blade-Type Receptacles: Comply with NEMA WD1, NEMA WD 6, DSCC W-C-596G, and UL 498, 20 ampere minimum.
- b. Straight-Blade and Locking Receptacles: Heavy-Duty grade.
- c. GFCI Receptacles: Straight blade, feed-through type, Heavy-Duty grade, with integral NEMA WD 6, Configuration 5-20R duplex receptacle; complying with UL 498 and UL 943. Design units for installation in a 2-3/4-inch-deep outlet box without an adapter.

1.2 WALL PLATES

- a. Single and combination types to match corresponding wiring devices.
 1. Plate-Securing Screws: Metal with head color to match plate finish.
 2. Material for Finished Spaces: Smooth, high-impact, nylon.
 3. Material for Unfinished Spaces: Galvanized steel.

1.3 INSTALLATION

- a. Install devices and assemblies level, plumb, and square with building lines.
- b. Arrangement of Devices: Unless otherwise indicated, mount flush, with long dimension vertical, and with grounding terminal of receptacles on bottom.



Juneau, AK
9151 Mendocino Mall Rd Ste. 4
Juneau, AK 99801
Phone: 907.780.6060
Fax: 907.586.3771
AEC143270



IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABELED SCALES.

SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
STATE OF ALASKA - JNU 16-14C
SITKA, ALASKA

SHEET TITLE:
SPECIFICATIONS

DATE: JUNE 7, 2022
REVISION: XX
CHECKED BY: KHD
DRAWN: REJ

SHEET #

E9.0



State of Alaska
 Department of Administration
Substitute Form W-9

Questions? Email DOA.DOF.Vendor.HelpDesk@alaska.gov

RETURN COMPLETED FORM TO:

Department of Administration
 Division of Finance
 P.O. Box 110204
 Juneau, AK 99811-0204
 Or FAX to: (907) 465-2169

DO NOT send to IRS

Taxpayer Identification Number (TIN) Verification

The Internal Revenue Service requires the State of Alaska to issue 1099 forms when payments to individuals, partnerships or limited liability companies for rents, services, prizes, and awards meet or exceed \$600.00 for the year. An IRS Form 1099 is not required when payments are specifically for merchandise or made to some types of corporations.

Print or Type

Please see attachment or reverse for complete instructions

Legal Name (as shown on your income tax return)	State of Alaska Vendor Number (if known)
Business Name , if different from above (use if doing business as (DBA) or enter business name of Sole Proprietorship)	Entity Designation (check only one type) <input type="radio"/> Individual / Sole Proprietor <input type="radio"/> Partnership <input type="radio"/> General Corporation <input type="radio"/> Medical Corporation <input type="radio"/> Legal Corporation <input type="radio"/> Limited Liability Company – Individual <input type="radio"/> Limited Liability Company – Partnership <input type="radio"/> Limited Liability Company – Corporation <input type="radio"/> Government Entity <input type="radio"/> Estate / Trust <input type="radio"/> Organization Exempt from Tax - Nonprofit (under Section 501 (a)(b)(c)(d))
Primary Address (for 1099 form) PO Box or Number and Street, City, State, Zip + 4	Exemption (See Instructions) <input type="text"/> Exempt payee code (if any) <input type="text"/> Exemption from FATCA Reporting Code (if any)
Remit Address (where payment should be mailed, if different from Primary Address) PO Box or Number and Street, City, State, Zip + 4	

Taxpayer Identification Number (TIN) Provide Only One (If sole proprietorship provide EIN, if applicable)

Social Security Number (SSN)	Employer Identification Number (EIN)
-------------------------------------	---

If Change of Ownership or Entity Designation	Date of Change:
Previous Owner / Business Name	Previous Taxpayer Identification Number (TIN)

Certification

The Internal Revenue Service does not require your consent to any provision of this document other than the certifications required to avoid backup withholding.

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number, **AND**
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, **AND**
3. I am a U.S. person (including a U.S. resident alien), **AND**
4. The FATCA code(s) entered on this form (if any) indicating I am exempt from FATCA reporting is correct.

Printed Name	Printed Title	Telephone Number
Signature	Date	Email Address

Instructions for Completing Taxpayer Identification Number (TIN) Verification (Substitute W-9) -- Page 1

Legal Name

As registered with the Internal Revenue Service (IRS)

- Individuals: Enter First Name MI Last Name
- Sole Proprietorships: Enter First Name MI Last Name
- LLC Single Owner: Enter owner's First Name MI Last Name
- All Others: Enter Legal Name of Business

Business Name

- Individuals: Leave blank
- Sole Proprietorships: Enter Business Name
- LLC Single Owner: Enter LLC Business Name
- All Others: Complete only if doing business as a DBA

Primary Address

Address where 1099 tax form should be mailed.

Remit Address

Address where payment should be mailed. Complete only if different from primary address.

State of Alaska Vendor Number

Your vendor number is an eight character alphanumeric code assigned to your company in the State of Alaska's accounting system. You may contact us at the email address listed on the form if you do not know your vendor number.

Entity Designation

Check *ONE* box which describes the type of business entity.

Taxpayer Identification Number

LIST ONLY ONE: Social Security Number OR Employer Identification Number. See "*What Name and Number to Give the Requester*" at right.

If you do not have a TIN, apply for one immediately. Individuals use federal form SS-05 which can be obtained from the Social Security Administration. Businesses and all other entities use federal form SS-04 which can be obtained from the Internal Revenue Service.

Change of Ownership or Entity Designation

This information is requested to allow taxable income to be reported correctly for both the new and old entities.

Certification

You must cross out item 2 if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to furnish your correct TIN to persons who must file information

returns with the IRS to report interest, dividends, and certain other income paid to you, mortgage interest you paid, the acquisition or abandonment of secured property, or contributions you made to an IRA. The IRS uses the numbers for identification purposes and to help verify the accuracy of your tax return. You must provide your TIN whether or not you are required to file a tax return. Payers must generally withhold 28% of taxable interest, dividend, and certain other payments to a payee who does not furnish a TIN to a payer. Certain penalties may also apply.

What Name and Number to Give the Requester

<u>For this type of account:</u>	<u>Give name and SSN of:</u>
Individual	The individual
Two or more individuals (joint account)	The actual owner of the account or, if combined funds, the first individual on the account ¹
Custodian account of a minor (Uniform Gift to Minors Act)	The minor ²
The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹
So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
Sole proprietorship or Single-Owner LLC	The owner ¹
<u>For this type of account:</u>	<u>Give name and EIN of:</u>
Sole Proprietorship or Single-Owner LLC	The owner ³
A valid trust, estate, or pension trust	Legal entity ⁴
Corporation or LLC electing corporate status on Form 8832	The corporation
Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
Partnership or multi-member LLC	The partnership
A broker or registered nominee	The broker or nominee
Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district or prison) that receives agricultural program payments	The public entity

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ **You must show your individual name**, but you may also enter your business or "DBA" name. You may use either your SSN or EIN (if you have one).

⁴ List first and circle the name of the legal trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) **Note:** If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Instructions for Completing Taxpayer Identification Number (TIN) Verification (Substitute W-9) -- Page 2

Exemptions

If you are exempt from backup withholding and/or Foreign Account Tax Compliance Act (FATCA) reporting, enter in the Exemptions box any code(s) that may apply to you. See **Exempt payee code** and **Exemption from FATCA reporting code** below.

Exempt payee code

Generally, individuals (including sole proprietors) are not exempt from backup withholding. Corporations are exempt from backup withholding for certain payments, such as interest and dividends. Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.

Note. If you are exempt from backup withholding, you should still complete this form to avoid possible erroneous backup withholding.

The following codes identify payees that are exempt from backup withholding:

1. An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
2. The United States or any of its agencies or instrumentalities
3. A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities
4. A foreign government or any of its political subdivisions, agencies, or instrumentalities
5. A corporation
6. A dealer in securities or commodities required to register in the United States, the District of Columbia, or a possession of the United States
7. A futures commission merchant registered with the Commodity Futures Trading Commission
8. A real estate investment trust
9. An entity registered at all times during the tax year under the Investment Company Act of 1940
10. A common trust fund operated by a bank under section 584(a)
11. A financial institution
12. A middleman known in the investment community as a nominee or custodian
13. A trust exempt from tax under section 664 or described in section 4947

Exemption from FATCA reporting code

The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements.

- A. An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)
- B. The United States or any of its agencies or instrumentalities
- C. A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities
- D. A corporation the stock of which is regularly traded on one or more established securities markets, as described in Reg. section 1.1472-1(c)(1)(i)
- E. A corporation that is a member of the same expanded affiliated group as a corporation described in Reg. section 1.1472-1(c)(1)(i)
- F. A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state
- G. A real estate investment trust
- H. A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940
- I. A common trust fund as defined in section 584(a)
- J. A bank as defined in section 581
- K. A broker
- L. A trust exempt from tax under section 664 or described in section 4947(a)(1)
- M. A tax exempt trust under a section 403(b) plan or section 457(g) plan