

Invitation to Bid

Sitka Pioneer Home Bathroom Renovation Project No. ANC 24-12C

Bidders are invited to submit sealed bids, in single copy, to: provide all labor, supervision, materials and permits to renovate 2 bathing suites at the Sitka Pioneer Home in Sitka Alaska. Work will include but not be limited to reconfiguring the bathroom entrances and layout to provide more accessibility to the residents and staff. Additional work will include new fixtures, finishes, and flooring.

A pre-bid walk through is scheduled for Thursday September 7, 2023, at 2:00 P.M. Meet at the exterior of the main lobby entrance. The Sitka Pioneer Home is located at 120 Katlian Street Sitka, Alaska 99835

Bids will be opened publicly at 2:00 pm local time Sept. 29, 2022, at 3601 C Street Suite 290 Anchorage, Alaska 99503

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

Faxed bid modifications must be addressed to:

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

The Engineer's Estimate: less than \$450,000

The Project completion date: 120 days after Notice to Proceed
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 Family and Community 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.

Please direct all project or site related inquiries to Michael Fleming, Project Manager at (907) 269-7820 or michael.fleming@alaska.gov

Issued: August 29, 2023

Sitka Pioneer Home

Bathing Suite Renovations
PROJECT NO. ANC 24-12C

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STATE OF ALASKA
DEPARTMENT OF FAMILY and COMMUNITY SERVICES

INVITATION TO BID
for Construction Contract

Date 8/29/23

Sitka Pioneer Home – Restroom Renovations, Project No.: ANC 24-12C

Project Name and Number

The Department invites bidders to submit bids for furnishing all labor, equipment, and materials and performing all work for the project described below. The Department will only consider bids received **before 2:00 PM local time (per the Department's time source) on the 29th day of Sept. 2023**. On that date, the Department will assemble, open, and then publicly announce the timely-received bids at 3601 C St. Suite 290, Anchorage, AK 99503, at 2:00 PM, or as soon thereafter as practicable.

Location of Project: Sitka, Alaska

Contracting Officer: Janelle Earls, Division Operations Manager

Issuing Office: Department of Family and Community Services

State Funded ☒

Federal Aid ☐

Description of Work:

Contractors are invited to submit a bid to provide all labor, supervision, materials, and permits to renovate 2 Bathing Suites at the Sitka Pioneer Home in Sitka Alaska. Work will include but not be limited to reconfiguring the entrances and bathroom layout to provide more accessibility to the resident and staff. Additional work will include new fixtures, finishes, and flooring.

Project DBE Utilization Goal: ☐ Race-Neutral, Goal is XX.X% ☐ Race-Conscious, Goal is XX.X%

The Engineer's Estimate is between \$250,000 and \$450,000

All work shall be completed in 120 Calendar Days, or by _____.

The Department will identify interim completion dates, if any, in the Special Provisions.

The apparent successful bidder must furnish a payment bond in the amount of 100% of the contract and a performance bond in the amount of 100% of the contract as security conditioned for the full, complete and faithful performance of the contract. The apparent successful bidder must 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 their bid.

Submission of Bidding Documents

Bidders may submit bidding documents electronically via the Department's approved online bidding service, through the mail or hand delivered. For mailed or hand delivered bids and for electronically submitted bids with a paper bid guaranty, documents shall be submitted in a sealed envelope marked as follows:

Bidding Documents for
Project: **ANC 24-12C**
3601 C Street, Suite 290
Anchorage, AK 99503
michael.fleming@alaska.gov

ATTN:
State of Alaska
Department of Family and Community Services

It is incumbent upon the bidder to ensure its bid, any amendments, and/or withdrawal arrive, in its entirety, at the location and before the deadline stated above. A bidder sending a bid amendment or withdrawal via email or fax must transmit its documentation to the Department at this email address: michael.fleming@alaska.gov or fax number: 907 334-2689.

To be responsive, a bid must include a bid guaranty equal to 5% of the amount bid. (When calculating the bid amount for purposes of determining the 5% value of the bid guaranty, a bidder shall include its base bid amount, plus the amount bid for alternate and supplemental bid items, if any.)

The Department hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this Invitation, Disadvantaged Business Enterprises 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

The following data may assist a bidder in preparing its bid:

A bidder requesting assistance in viewing the project site must make arrangements at least 48 hours in advance.
The point of contact for inquiries for this project is:

Michael Fleming, Project Manager

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

A bidder may direct questions concerning bidding procedures and requirements to:

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

Other Information:

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.

100.010 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 AND COMMUNITY SERVICES

REQUIRED DOCUMENTS

State Funded Contracts

REQUIRED FOR BID. Bids will not be considered if the following documents are not completely 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. **Certificate of Insurance (from carrier)**

STATE OF ALASKA
DEPARTMENT OF FAMILY AND COMMUNITY SERVICES

BID FORM

for
Sitka Pioneer Home – Bathing Suite Renovations, Project No.: 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 [department name]:**

In compliance with your Invitation to Bid 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 _____ sheets, 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 Transportation and Public Facilities 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 within 120 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%** (of the contract) 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 DECLARATION

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 and hereby agrees to the conditions stated therein by affixing his signature below:

Signature of Authorized Company Representative

Typed Name and Title

()

Phone Number

()

Fax Number

Email

BID SCHEDULE

Project: **Sitka Pioneer Home Bathing Suite 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 bids will be considered non-responsive.

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

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

- | | | |
|----|--|----------|
| a. | Lump Sum Total Basic Bid | \$ _____ |
| b. | Alaska Bidder's Preference - (5% of Basic Bid) | \$ _____ |
| c. | Alaska Veterans Preference - 5% of Basic Bid
(May not exceed \$5,000) | \$ _____ |
| 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



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

ALASKA BIDDER PREFERENCE CERTIFICATION

In response to the advertised procurement for:

Project Name and Number: Sitka Pioneer Home - Bathing Suite Renovations, 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:

(See Reverse Side for Instructions)

Bid Phase: _____ Bidder: _____

1. This worksheet accurately reports the type and quantity of product(s) that: (a) qualify for application of the Alaska Product Preference under AS 36.30.321 *et seq.* and (b) this bidder will use in performing the advertised project, if awarded the contract; and
2. All listed product(s) are specified for use on the project and will be permanently incorporated; and
3. I am the duly appointed representative of this bidder, which has authorized and empowered me to legally bind it concerning its proposal.

Date _____

Page 1 of 2

INSTRUCTIONS FOR ALASKA PRODUCTS PREFERENCE WORKSHEET

Special Notice: All procurements, except those funded from Federal sources, shall contain Contract provisions for the preference of Alaska products. To be considered for the Alaska Product Preference, each product listed by the Bidder on this worksheet must have current certification from the Alaska Products Preference Program at the time of Bid Opening or the proposal due date. A product with expired certification at the bid opening or proposal due date will not be considered eligible. Products that are not specified for use on the project will not be considered eligible.

The Alaska Product Preference Program List of certified products is available online at:

<https://www.commerce.alaska.gov/web/dcra/AlaskaProductPreferenceProgram.aspx> or may be obtained by contacting Dept. of Commerce & Economic Development Alaska Division of Community and Regional Affairs, Alaska Products Preference Program, 550 W. 7th Ave., Suite 1650, Anchorage AK 99501-3510; Phone: (907) 269- 4501 Fax: (907) 269-4563, E-mail: madeinalaska@alaska.gov

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(s) 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 – i.e. 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 line of the following pages 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 the amount on the final page of the worksheet. (Note: When solicitations require written bids this amount should also be entered on line "C" of the Basic Bid Schedule.) Submit worksheet(s) with the Bid Schedule.

C. Form 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 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. (i.e. "Pre-hung doors 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 products 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 FROM BASIC BID __ SUBTOTAL" and enter a subtotal amount for all non-applicable products 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. (Note: When solicitations require written bids this amount should also be entered on line "C" of the Alternate Bid Schedule.) Submit separate worksheet(s) with each Alternate Bid



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

**ALASKA VETERAN PREFERENCE
CERTIFICATION**

In response to the advertised procurement for:

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

Bidder (Contractor) _____

Operation of Alaska Veteran Preference

Procurement preferences under the Alaska Procurement Code are benefits that the State grants only to qualified bidders. Under AS 36.30.321, an eligible entity receives a five percent preference to the price of in the bidder's proposal if the bidder meets three requirements.

The bidder must be:

1. an "Alaska Veteran";
2. a "Qualifying Entity"; and
3. an "Alaska Bidder".

Unless a bidder satisfies all three requirements and furnishes corresponding certifications, it is not eligible for the Alaska Veteran Preference. This preference may not exceed \$5,000.

Instructions regarding Alaska Veteran Preference

A bidder that claims the Alaska Veteran Preference must review and complete the "Alaska Veteran Certification", the "Qualifying Entity Certification", and the "Alaska Bidder Certification". The individual that signs a 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 properly completed certifications, the Department will not apply the claimed preference.

Alaska Veteran Certification

(To be completed by individual(s) upon whom the bidder relies in claiming the Alaska Veteran status. If bidder is a partnership, limited liability company, or corporation, then a majority of partners, members, or shareholders who are Alaska Veterans must sign this Alaska Veteran Certification for the Bidder to be eligible for this preference.)

I hereby represent to the Department that:

I served in the armed forces of the United States, a reserve unit of the United States armed forces, the Alaska Territorial Guard, the Alaska Army National Guard, the Alaska Air National Guard, or the Alaska Naval Militia; and

I was separated from service under a condition that was not dishonorable; and

I am Alaska resident in that I am physically present in the State of Alaska with the intent to remain in the State indefinitely and to make a home in the State.

I certify under penalty of perjury that the foregoing statements are true and correct as they apply to me.

By (signature)

Date

Printed name

Title

Qualifying Entity Veteran Certification

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

(Check the appropriate box)

- ☐ sole proprietorship owned by an Alaska Veteran;
- ☐ partnership under AS 32.06 or AS 32.11 and a majority of the partners are Alaska Veterans;
- ☐ limited liability company organized under AS 10.50 and a majority of the members are Alaska Veterans;
or
- ☐ corporation that is wholly owned by individuals and a majority of the individuals are Alaska Veterans.

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 the proposal and that the statement I have acknowledged above by checking the appropriate box is true and correct.

By (signature)

Date

Printed name

Title

Alaska Bidder Certification

(To complete your claim for the Alaska Veteran Preference, you must also submit an Alaska Bidder Certification, which the bidder can view, download, and print from the AKDOT&PF's Bid Express Proposal page.)



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

BID BOND

For

Project Name and Number

DATE BOND EXECUTED: _____

PRINCIPAL (Legal name and business address):

TYPE OF ORGANIZATION:

	<input type="checkbox"/> Individual	<input type="checkbox"/> Partnership
	<input type="checkbox"/> Joint Venture	<input type="checkbox"/> 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 the above-referenced Project in accordance with contract documents filed in the office of the Contracting Officer, and under the Invitation for Bids therefor, 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.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SUBCONTRACTOR LIST

Project Name and Number

The apparent low bidder shall complete this form and submit it so as to be received by the Contracting Officer prior to the close of business on the fifth working day after receipt of written notice from the Department.

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.

Scope of work must be clearly defined. If an item of work is to be performed by more than one firm, indicate the portion or percent of work to be done by each.

Check as applicable: ☐ All Work on the above-referenced project will be accomplished without subcontracts

Or

☐ List all first tier Subcontractors as follows:

FIRM NAME, ADDRESS, PHONE NO.	AK BUSINESS LICENSE NO., CONTRACTOR'S REGISTRATION NO.	SCOPE OF WORK TO BE PERFORMED

CONTINUE SUBCONTRACTOR INFORMATION ON REVERSE

For projects with federal-aid funding, I hereby certify Alaska Business Licenses and Contractor Registrations will be valid for all subcontractors prior to award of the subcontract. For projects without federal-aid funding (State funding only), I hereby certify the listed Alaska Business Licenses and Contractor Registrations were valid at the time bids were opened for this project.

Signature of Authorized Company Representative

Title

Company Name

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

Date

Phone Number



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

CONSTRUCTION CONTRACT

Project Name and Number

This CONTRACT, between the STATE OF ALASKA, DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES, 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: _____ or within _____ calendar days. 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 _____ dollars (\$ _____) 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 Name and Title

Date

(Corporate Seal)

**STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES**

Signature of Contracting Officer

Typed Name

Date



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

PERFORMANCE BOND

Bond No. _____

For

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:

Alaska Department of Transportation & Public Facilities Authorized Representative

Date

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 TRANSPORTATION AND PUBLIC FACILITIES

PAYMENT BOND

Bond No. _____

For

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 Transportation & Public Facilities 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

SECTION 01005
ADMINISTRATIVE PROVISIONS

PART I GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Local Conditions
- B. Permits, Fees, and Inspections
- C. Alternates
- D. Preconstruction Meeting
- E. Applications for Payment
- F. Contractor Use of Premises
- G. Owner Occupancy
- H. Owner - Furnished Products
- I. Coordination
- J. Reference Standards

1.02 RELATED REQUIREMENTS

- A. General and Special Conditions

1.03 LOCAL CONDITIONS

- A. Bidders shall familiarize themselves with the Contract Documents and existing conditions, which affect Work, required by the Contract Documents. It will be assumed that bidders have made a personal examination of the jobsite, existing conditions, and documents for prior construction projects associated with this facility made available by the Owner for review by Bidders during the bid period.
- B. Failure to visit the jobsite, to review existing conditions, or to review documents for prior construction projects associated with this facility made available by the Owner for review by Bidders during the bid period will in no way relieve the successful Bidder from the necessity of furnishing any materials or performing any Work that may be required to complete the Work in accordance with the Contract Documents with no additional cost to the Owner.
- C. For building access and for access to the documents for prior construction projects associated with this facility contact:

Michael Fleming
DFCS/FMS/BMS
(907)269-7820

1.04 PERMITS, FEES, AND INSPECTIONS

- A. Obtain, pay for, and comply with the requirements of all permits, fees, and inspections required by public authorities.
- B. Transmit copies of permit applications, permits received, and public authority inspection reports to the Contracting Officer within three days of making permit

application or receiving permits or reports.

1.05 ALTERNATES

- A. Alternates will be exercised at the option of Owner as specified on Bid Schedule. Accepted alternates will be indicated on the Contract and included within the conformed Contract Documents.
- B. Coordinate related work and modify surrounding work affected by accepted alternates as required to complete the Work.
- C. Provide all Work as part of the Base Bid except that Work specifically indicated to be provided as part of an alternate.

1.06 PRECONSTRUCTION MEETING

- A. Attend Owner initiated preconstruction meeting.

1.07 APPLICATIONS FOR PAYMENT

- A. Submit two copies of each application under procedures of Section 01027.
- B. Content and Format: That specified for schedule of values in Section 01027.

1.08 CONTRACTOR USE OF PREMISES

- A. Limit use of premises for Work and for construction operations, to allow for Owner occupancy, Work of other Contractors, and public access.
- B. Limit areas of construction operations to those areas requiring renovation only.
- C. Limit on site storage of materials to boiler room. This space is not accessible to the general public but is used by building maintenance and administrative staff. Maintain storage area in a neat and clean condition, allowing access to other portions of the room. Contractor is responsible for security of stored materials.
- D. Give written notice two weeks in advance of beginning of Work in any Work area.
- E. Do not smoke except in specifically designated smoking areas.
- F. Take reasonable and adequate precautions to protect the Owner's property from damage during execution of Work. Restore any damage to Owner property resulting from execution of Work or replace in a manner satisfactory to the Contracting Officer.
- G. Take reasonable and adequate precautions to protect the Owner's property from damage during execution of Work. Restore any damage to Owner property resulting from execution of Work or replace in a manner satisfactory to the Contracting Officer.
- H. Limit construction activities which generate noise levels in excess of NC=40 in classrooms, NC=50 in office areas, and NC=60 in other areas to between 7 p.m. and 7 a.m. Monday through Friday and all day Saturday and Sunday.
- I. Limit construction access to building to the location indicated. Keep construction access points locked at all times. Contractor will be provided with two sets of keys for

construction access points.

- J. Move Owner tools, equipment, shelving, stored materials, etc. as required to accomplish Work. Return to original location as soon as possible.
- K. Protect Owner tools, equipment, shelving, stored materials, and equipment, etc. from Work.
- L. In Owner occupied areas:
 - 1. Limit use of premises for Work and for construction operations to between 7 p.m. and 7 a.m. Monday through Friday and all day Saturday and Sunday. If requested by the Contractor and approved by the Project Manager the Contractor may work on the project outside these hours if the Contractor's activities do not interfere with owner operations.
 - 2. Cover and protect from dust and debris, at the start of each work day, electronic office equipment such as personal computers, computer terminals, facsimile machines, copiers, printers, postage meters, VCRs, monitors, typewriters, etc. Remove protection at the end of each work day.
 - 3. Do not use furniture, such as countertops, desks, filing cabinets, book shelves, and tables as work surfaces or as steps to access Work.
 - 4. At the end of each workday, move back to original location equipment and furniture moved to accommodate Work. Do not move electronic equipment unless absolutely necessary to accomplish Work.
 - 5. At the end of each workday replace ceiling tiles removed to access Work.
 - 6. At the end of each work day, clean work areas, including floors with a vacuum, and remove tools, equipment, and construction material from work areas.
- M. Coordinate temporary shutdowns of any of the existing facilities' mechanical or electrical systems affecting systems in Owner occupied areas with the Contracting Officer. Schedule shutdowns for nights and weekends. Provide a minimum five-day notice.
- N. Existing systems shall be fully operational for intended purpose at the beginning of each Owner workday.

1.09 OWNER OCCUPANCY

- A. The Owner will occupy premises during entire period of construction for the conduct of its normal operations.
- B. Maintain IBC complying access to and through corridors, stairways, and building exits at all times.
- C. Cooperate with Owner to minimize conflict and to facilitate its operations. In case of conflict accept Contracting Officer's direction as final and adjust use of premises accordingly.
- D. Coordinate Work in and use of premises with the Owner

1.10 COORDINATION

- A. Coordinate Work of the various Sections of Specifications prior to ordering materials and fabrication to assure efficient and orderly sequence of installation of construction elements, with provisions for accommodating items installed later. Notify Contracting Officer of conflicts between elements prior to installation of any element.
- B. Verify characteristics of elements of interrelated operating equipment are compatible; coordinate Work of various Sections having interdependent responsibilities for installing, connecting to, and placing in service, such equipment.
- C. Coordinate space requirements and installation of mechanical and electrical Work, which is indicated diagrammatically on Drawings. Follow routing shown for ducts and conduits as closely as practical. Make piping, duct, and conduit runs parallel with lines of building. Utilize spaces efficiently to maximize accessibility for other installations, for maintenance, and for repairs.
- D. In finished areas, unless otherwise indicated, conceal pipes, ducts, and wiring in the construction.
- E. After Owner acceptance of Work, coordinate access to site by various trades for correction of defective Work and Work not in accordance with Contract Documents, to minimize disruption of Owner activities.

1.11 REFERENCE STANDARDS

- A. For products or workmanship specified by association, trades, or regulatory agency standards, comply with requirements of the standard, except when more rigid requirements are specified or are required by applicable codes.
- B. Obtain a copy of standards referenced. Maintain a copy at the jobsite during execution of Work to which the standard applies.
- C. The date of the standard is that in effect as of the bid date except when a specific date is specified.

1.12 ONE YEAR CORRECTION PERIOD

- A. 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, materials, or products are found to be defective, the Contractor shall promptly, without cost to the Owner 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.
- B. 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 Owner 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.
- C. In special circumstances where a particular item of equipment is placed in continuous

service for the benefit of the Owner 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 of by Change Order.

- D. Provisions of this paragraph are not intended to shorten the statute of limitations for bringing an action.

PART 2 PRODUCTS Not Used

PART 3 PARTS Not Used

END OF SECTION

SECTION 01010
SUMMARY OF WORK

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Basic Bid.
- B. Work by Others.
- C. Hazardous Materials
- D. Work Inside Facility
- E. Work Plans and Access to Facility, Individual Work Areas
- F. Shut Offs/Disruptions to Service
- G. Use of Premises.
- H. Using Agency Occupancy.
- I. Coordination
- J. Parking/Staging

1.02 RELATED REQUIREMENTS

- A. Document 00200 – Information available to bidders.
- B. Document 00700 - General Conditions: Provisions for use of site, and Using Agency occupancy. Relations of CONTRACTOR- Subcontractors.
- C. Document 00800 - Supplementary Conditions: Modifications to General Conditions.
- D. Section 01400 – Quality Control
- E. Section 01540 – Security.

1.03 WORK COVERED BY CONTRACT DOCUMENTS

- A. Work covered by the contract documents is located
- B. The DEPARTMENT is acting for the State of Alaska.

1.04 CONTRACT METHOD

- A. Construct the Work under a single lump sum Contract.

1.05 BASIC BID

- A. That portion of the Work described within these documents (taken as a whole) as the Basic Bid scope. Basic Bid work includes all work shown on the plans and specifications.
- B. Project will be constructed under a general construction contract.

1.06 WORKS BY OTHERS

- A. Cooperate with other Contractors and the DEPARTMENT to minimize conflict with construction operation.

1.07 HAZARDOUS MATERIALS

- A. All light fixtures to be removed shall be treated as positive for containing PCBs unless proven otherwise.

- B. CONTRACTOR to be aware that other hazardous materials may be within the facility. See Section 00700 Article 4.3.

1.08 WORK INSIDE FACILITY

- A. Work within the facility shall be conducted only between the hours of 7:30 am and 4:30 pm, unless specifically approved by the Maintenance Supervisor. Requests for work outside of these hours must be submitted in writing 24 hours in advance.
- B. CONTRACTOR shall not under any circumstances leave tools or equipment unattended within the limits of the project site unless secured in a locked tool storage shed/box or vehicle. CONTRACTOR will be liable for any damages to persons and/or property resulting from unattended tools or equipment.
- C. No firearms or ammunition allowed on the grounds, to include locked vehicles.
- D. The use of powder-activated tools must be approved by the project manager. Request for such tools must be submitted to the Maintenance Supervisor in writing three (3) working days in advance.

1.09 SHUTOFFS / DISRUPTIONS TO SERVICE

- A. Work with the Maintenance Supervisor to schedule disruption for a time, which minimizes impact on facility operations. Provide the Engineer written notification of any disruption to service at least 24 hours in advance of scheduled disruption or shutoff.
- B. Plan work to minimize down time. Work with DEPARTMENT to schedule disruption for a time that minimizes impact on USING AGENCY's operations.
- C. Provide written work plan and schedule for disruptions to service that exceed one hour.
- D. Contractor must provide protection as stated in Municipal Fire Codes and Safety Codes while working on the fire protection system.

1.10 CONTRACTOR'S USE OF PREMISES

- A. Coordinate use of the premises under direction of DEPARTMENT.
- B. Assume full responsibility for protection and safekeeping of products under this Contract.
- C. Assume full responsibility for the protection of the existing facility and contents, from damage due to construction operations.

1.11 USING AGENCY OCCUPANCY

- A. The User Agency will continue operations adjacent to the site during entire construction period. Cooperate with DEPARTMENT in scheduling operations to minimize conflict and to facilitate the User Agency's operations.
- B. CONTRACTOR shall provide Material Safety Data Sheets for all products that may produce unpleasant odors.

1.12 COORDINATION

- A. Coordinate Work of the various elements of the plans to assure efficient and orderly sequence of installation of construction elements, with provisions for accommodating items installed later.
- B. Verify if characteristics of elements of interrelated operating equipment are compatible; coordinate Work of various trades having interdependent responsibilities for installing,

connecting to, and placing in service, such equipment.

- C. Coordinate space requirements and installation of mechanical and electrical work, which are indicated diagrammatically on Drawings. Follow routing shown for pipes, ducts, and conduits, as closely as practicable; make runs parallel with lines of building. Utilize spaces efficiently to maximize accessibility for other installations, for maintenance, and for repairs. Coordinate work with existing elements in the building. Do not locate piping, conduit or other products where they will block access to equipment or junction boxes.
- D. In finished areas except as otherwise shown, conceal pipes, ducts, and wiring in the construction. .
- E. Execute cutting and patching to integrate elements of Work, provide openings for penetrations of existing surfaces. Seal penetrations through floors, walls, partitions, and ceilings.

1.13 PARKING / STAGING

- A. CONTRACTOR to coordinate staging area with Facility Maintenance Supervisor.
- B. CONTRACTOR may use established facility parking.
- C. CONTRACTOR will be responsible for all additional required storage/staging and parking off site at no charge to the Department.

PART 2 PRODUCTS Not Used

PART 3 EXECUTION Not used

END OF SECTION

SECTION 01020
INTENT OF DOCUMENTS

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Explanation of intent and terminology of the Construction Documents.

1.02 RELATED REQUIREMENTS

- A. Document 00700 - General Conditions: Article 1 Definitions relating to 'Drawings' and 'Specifications'.
- B. Document 00700 - General Conditions: Article 3 Contract Documents relating to Intent, Amending, and Reuse.

1.03 SPECIFICATION FORMAT AND COMPOSITION

- A. Specifications are divided into Divisions and Sections for the convenience of writing and using. Titles are not intended to imply a particular trade jurisdiction. DEPARTMENT is not bound to define the limits of any subcontract, and will not enter into disputes between the CONTRACTOR and his employees, including Subcontractors.
- B. Pages are numbered independently for each Section, and recorded in the Table of Contents. Section number is shown with the page number at the bottom of each page. The end of each Section of the specifications is ended by "End of Section". It is CONTRACTOR'S responsibility to verify that Contract Documents received for bidding and/or construction are complete in accordance with Table of Contents.
- C. The language employed in the Contract Documents is addressed directly to the CONTRACTOR. Imperative or indicative language is generally employed throughout and requirements expressed are the mandatory responsibility of the CONTRACTOR, even though the work specified may be accomplished by specialty subcontractors engaged by the CONTRACTOR. References to third parties in this regard shall not be interpreted in any way as to relieve the CONTRACTOR of his or her responsibility under this Contract.
- D. These Specifications are of the abbreviated, or "streamlined" type, and may include incomplete sentences.
- E. Omissions of words or phrases such as "the CONTRACTOR shall," "in conformity therewith," "shall be," "as noted on the Drawings," "according to the Drawings," "a," "an," "the" and "all" are intentional.
- F. Omitted words or phrases shall be supplied by inference in the same manner as they are when a "note" occurs on the Drawings.

1.04 DRAWINGS: CONTENT EXPLANATION

- A. Drawings, Dimensions and Measurements.
 - 1. Contract Documents do not purport to describe in detail, absolute and complete construction information. In some instances drawings are diagrammatic.

2. CONTRACTOR shall provide verification of actual site conditions and shall provide complete and operational systems as specified when drawings do not provide full detail.
3. Where on any of the Drawings a portion of the work is drawn out and the remainder is indicated in outline, the parts drawn out shall apply also to all other portions of the Work.
4. Wherever a detail is referenced and developed for a specific condition, same or similar detail shall apply to identical or similar conditions elsewhere on Project even though not specifically referenced.
5. Where the word "similar" occurs on the Drawings, it shall be interpreted in its general sense and not as meaning identical, all details shall be worked out in relation to their location and their connection with other parts of the work.
6. The figured dimensions on the Drawings or notes indicating dimensions shall be used instead of measurements of the Drawings by scale.
7. No scale measurements shall be used as a dimension to work with except on "full size" Drawings not dimensioned.

1.05 COMMON TERMINOLOGY

A. Certain items used generally throughout the Specifications and Drawings are used as follows:

1. Indicated: The term "indicated" is a cross reference to details, notes or schedules on the Drawings, other paragraphs or schedules in the Specifications, and similar means of recording requirements in the Contract Documents. Where terms such as "shown", "noted", "schedules", and "specified" are used in lieu of "indicate", it is for the purpose of helping the reader accomplish the cross reference, and no limitation of location is intended except as specifically noted.
2. Installer: The person or entity engaged by CONTRACTOR, his Subcontractor or sub-subcontractor for the performance of a particular unit of Work at the Project site, including installation, erection, application and similar required operations. It is a general requirement that installers be recognized experts in the work they are engaged to perform.
3. Furnish: Except as otherwise defined in greater detail, the term "furnish" is used to mean "...supply and deliver to the Project site, ready for unpacking, assembly and installation..."
4. Provide: Except to the extent further defined, the term "provide" means to furnish and install, complete and ready for the intended use.
5. Guarantee and Warranty: "Warranty" is generally used in conjunction with products manufactured or fabricated away from the Project site, and "guarantee" is generally used in conjunction with units of work which require both products and substantial amounts of labor at the Project site. The resulting difference is that warranties are frequently issued by manufacturers, and guarantees are generally issued by CONTRACTOR and frequently supported (partially) by product warranties from manufacturers.

1.06 CONFLICTS

- A. Report any conflicts to Contracting Officer for clarification.

PART 2 PRODUCTS Not Used

PART 3 EXECUTION Not Used

END OF SECTION

SECTION - 01027
APPLICATIONS FOR PAYMENT

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Procedures for preparation and submittal of Applications for Payment.

1.02 RELATED REQUIREMENTS

- A. Document 00510 - Construction Contract - Contract Form 06D-10a and Bid Schedule: Method of Payment and Contract Price and Amounts of Liquidated Damages.
- B. Document 00700 - General Conditions: Progress Payments, and Final Payment.
- C. Section 00800 – Supplementary Conditions to General Conditions of the Construction Contract for Buildings: SC-11.2 and SC-11.8.
- D. Section 01300 - Submittals: Procedures, Schedule of Values .
- E. Section 01700 - Contract Closeout: Closeout Procedures.

1.03 FORMAT

- A. Application for Payment form in format approved by the DEPARTMENT.

1.04 PREPARATION OF APPLICATIONS

- A. Type required information on Application for Payment form approved by DEPARTMENT.
- B. Execute certification by original signature of authorized officer upon each copy of the Application for Payment.
- C. Submit names of individuals authorized to be responsible for information submitted on application for payment.
- D. Indicate breakdown of costs for each item of the Work on accepted schedule of values. Provide dollar value in each column for each line item for portion of Work performed and for stored products.
- E. List each authorized Change Order as an extension on continuation sheet, listing Change Order number and dollar amount as for an original item of Work.
- F. Prepare Application for Final Payment as specified in Section 01700.

1.05 SUBMITTAL PROCEDURES

- A. Submit two copies of each Application for Payment at times stipulated in Contract.
- B. Submit under transmittal letter specified in Section 01300.

1.06 SUBSTANTIATING DATA

- A. When DEPARTMENT requires substantiating information, submit data justifying line item amounts in question.
- B. Substantiating data required under 7.12.3 and 7.12.4 shall be submitted (or updated) when the Application for Payment includes a current request for payment on an item of Work required to include Alaska "agricultural/wood" products.
- C. Provide one copy of data with cover letter for each copy of Application. Show Application number and date, and line item by number and description.

1.07 SUBMITTALS WITH APPLICATION FOR PAYMENT

- A. Submit the following with each Application for Payment.
 - 1. Updated construction schedule as required by Section 01300 - Submittals.
 - 2. Updated Schedule of Values as required by Section 01300 – Submittals: Schedule of Values.
 - 3. The contractor's as-builts will be reviewed prior to approving each application for payment.

PART 2 PRODUCTS Not Used

PART 3 EXECUTION Not Used

END OF SECTION

SECTION 01028
CHANGE ORDER PROCEDURES

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Procedures for processing Change Orders.

1.02 RELATED REQUIREMENTS

- A. Document 00312 - Bid Schedule: Total amount bid for lump sum items
- B. Document 00510 - Contract Form: Total amount of Contract Price, as awarded
- C. Document 00700 - General Conditions: Governing requirements for changes in the Work, in Contract Price, and Contract Time.
- D. Document 00800 - Supplementary Conditions: Modifications to Document 00700 - General Conditions.
- E. Section 01027 - Applications for Payment.
- F. Section 01300 - Submittals: Construction Progress Schedules, Schedule of Values.
- G. Section 01600 – Material and Equipment: Product Options, Substitutions.
- H. Section 01700 – Contract Closeout: Project Record Documents.

1.03 SUBMITTALS

- A. Submit name of the individual authorized to accept changes, and to be responsible for informing others in CONTRACTOR's employ of changes in the Work.
- B. Change Order Forms will be prepared by the DEPARTMENT.

1.04 DOCUMENTATION OF CHANGE IN CONTRACT PRICE AND CONTRACT TIME

- A. Maintain detailed records of work done on a Cost of the Work plus a Fee basis. Provide full information required for evaluation of proposed changes, and to substantiate costs of changes in the Work. Incomplete or unsubstantiated costs will be disallowed.
- B. CONTRACTOR shall submit a complete, detailed, itemized cost breakdown addressing impact on Contract Time and Contract Price with each proposal.
- C. On request, provide additional data to support computations:
 - 1. Quantities of products, labor, and equipment.
 - 2. Taxes, insurance and bonds.
 - 3. Overhead and profit.

4. Justification for any change in Contract Time.
 5. Credit for deletions from Contract, similarly documented.
- D. Support each claim for additional costs, and for work done on a cost of the Work plus a Fee basis, with additional information:
1. Origin and date of claim.
 2. Dates and times work was performed, and by whom.
 3. Time records and wage rates paid.
 4. Invoices and receipts for products, equipment, and subcontracts, similarly documented.

1.05 PRELIMINARY PROCEDURES

- A. DEPARTMENT may submit a Proposal Request which includes: Detailed description of change with supplementary or revised Drawings and Specifications, the projected time for executing the change, with a stipulation of any overtime work required, and the period of time during which the requested price will be considered valid.
- B. CONTRACTOR may initiate a change by submittal of a request to DEPARTMENT describing the proposed change with a statement of the reason for the change, and the effect on Contract Price and Contract Time with full documentation.

1.06 CONSTRUCTION CHANGE AUTHORIZATION

- A. Shall be in accordance with Article 9 - Changes: in Document 00700 - General Conditions.

1.07 FIXED PRICE CHANGE ORDER

- A. CONTRACTOR shall submit an itemized price proposal in sufficient detail to fully explain the basis for the proposal. Attach invoices and receipts for products, equipment, subcontracts and as requested by the DEPARTMENT. CONTRACTOR and the DEPARTMENT shall then negotiate an equitable price (and time adjustment if appropriate) in good faith. The Change Order will reflect the results of those negotiations. If negotiations break down CONTRACTOR may be directed to perform the work under COST OF THE WORK CHANGE ORDER.

1.08 UNIT PRICE CHANGE ORDER

- A. For pre-determined Unit Prices and quantities, Change Order will be executed on a lump sum basis.
- B. For unit costs or quantities of units of Work which are not predetermined, execute Work under a Directive. Changes in Contract Price or Contract Time will be computed as specified for cost of the Work plus fee via Change Order.

1.09 COST OF THE WORK CHANGE ORDER

- A. CONTRACTOR shall submit documentation required in 1.04 on a daily basis for certification by the Project Manager. Project Manager will indicate by signature that the submitted documentation is acceptable.

- B. After completion of the change and within 14 Calendar Days, unless extended by the Project Manager, the CONTRACTOR shall submit in final form an itemized account with support data of all costs. Support data shall have been certified by the Project Manager, as required above in paragraph A.

1.10 EXECUTION OF CHANGE ORDERS

- A. DEPARTMENT will issue Change Orders for signatures of parties as provided in Conditions of the Contract.

1.11 CORRELATION OF CONTRACTOR SUBMITTALS

- A. Promptly revise Schedule of Values and Application for Payment forms to record each authorized Change Order as a separate line item and adjust the Contract Price as shown on Change Order.
- B. Promptly revise progress schedules to reflect any change in Contract Time, revise subschedules to adjust times for other items of Work affected by the change, and resubmit.
- C. Promptly enter changes in project record documents.

PART 2 PRODUCTS Not Used

PART 3 EXECUTION Not Used

END OF SECTION

SECTION 01040
COORDINATION

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Coordination of Work of Contract.

1.02 RELATED REQUIREMENTS

- A. Section 01010 - Summary of Work.
- B. Section 01045 – Cutting and Patching.
- C. Section 01200 – Project Meetings.
- D. Section 01600 – Material and Equipment: Substitutions.
- E. Section 10701 – Contract Closeout Procedures.

1.03 DESCRIPTION

- A. Coordinate scheduling, submittals, and work of the various sections of Specifications to assure efficient and orderly sequence of installation of construction elements, with provisions for accommodating items to be installed later.
- B. Coordinate sequence of Work to accommodate Using Agency occupancy as specified in Section 01005.

1.04 MEETINGS

- A. Coordinate sequence of Work to accommodate Using Agency occupancy as specified in Section 01005.

1.05 COORDINATION OF SUBMITTALS

- A. Schedule and coordinate submittals specified in Section 01300.
- B. Coordinate Work of various sections having interdependent responsibilities for installing connecting to, and placing in service, such equipment.
- C. Coordinated requests for substitutions to assure compatibility of space, of operating elements, and effect on Work of other sections.

1.06 COORDINATION OF SPACE

- A. Coordinate use of Project space and sequence of installation of mechanical and electrical Work which is indicated diagrammatically on Drawings. Follow routings shown for pipes, ducts, and conduits as closely as practicable, with due allowance for available physical space; make runs parallel with lines of building. Utilize space efficiently to maximize accessibility for other installations, for maintenance, and for repairs.
- B. In finished areas, except as otherwise shown, conceal pipes, ducts, and wiring in the construction. Coordinate locations of fixtures and outlets with finish elements.

1.07 COORDINATION OF CONTRACT CLOSEOUT

- A. Coordinate completion and cleanup of Work of separate sections in preparation for Substantial Completion.
- B. After Using Agency occupancy of premises, coordinate access to site by various sections for correction of Defective Work and Work not in accordance with Contract Documents, to minimize disruption of Using Agency activities.
- C. Assemble and coordinate close submittal specified in Section 01701.

PART 2 PRODUCTS Not Used

PART 3 EXECUTION Not Used

END OF SECTION

SECTION 01045
CUTTING AND PATCHING

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Requirements and limitations for cutting and patching of Work.

1.02 RELATED REQUIREMENTS

- A. Section 01005 – Administrative Provisions
- B. Section 01010 - Summary of Work.
- C. Section 01600 - Materials and Equipment: Substitutions.
- D. Individual Specifications Sections:
 - 1. Cutting and patching incidental to Work of the section.
 - 2. Advance notification to other sections of openings required in Work of those sections.
 - 3. Limitations on cutting structural members.

1.03 SUBMITTALS

- A. Submit written request in advance of cutting or alteration which affects:
 - 1. Structural integrity of any element of Project.
 - 2. Integrity of weather-exposed or moisture-resistant element.
 - 3. Efficiency, maintenance, or safety of any operational element.
 - 4. Visual qualities of sight-exposed elements.
 - 5. Work of DEPARTMENT or separate Contractor.
- B. Include in request:
 - 1. Identification of Project and DEPARTMENT's Project number.
 - 2. Location and description of affected Work.
 - 3. Necessity for cutting or alteration.
 - 4. Description of proposed Work, and products to be used.
 - 5. Alternatives to cutting and patching.
 - 6. Effect on Work of DEPARTMENT or separate Contractor.
 - 7. Written permission of affected separate Contractor.
 - 8. Date and time Work will be executed.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Those required for original installation.
- B. For any change in materials, submit request for substitution under provisions of Section 01600.

3.01 GENERAL

- A. Execute cutting, fitting, and patching to complete Work, and to:
 - 1. Fit the several parts together, to integrate with other Work.
 - 2. Uncover Work to install ill-timed Work.
 - 3. Remove and replace non-conforming and Defective Work.
 - 4. Remove samples of installed Work for testing.
 - 5. Provide openings in elements of Work for penetrations of mechanical and electrical Work.

3.02 INSPECTION

- A. Inspect existing conditions, including elements subject to damage or movement during cutting and patching.
- B. Notify the Department immediately of any suspected hazardous materials.
- C. After uncovering, inspect conditions affecting performance of work.
- D. Beginning of cutting or patching means acceptance of existing conditions.

3.03 PREPARATION

- A. Provide supports to assure structural integrity of surroundings; devices and methods to protect other portions of Project from damage.
- B. Provide protection from elements for areas which may be exposed by uncovering Work; maintain excavations free of water.

3.04 PERFORMANCE

- A. Execute Work by methods to avoid damage to other Work, and which will provide proper surfaces to receive patching and finishing.
- B. Cut rigid materials using masonry saw or core drill. Pneumatic tools not allowed without prior approval. Cutting structural reinforcement with heat is strictly forbidden without prior written approval.
- C. Restore Work with new products in accordance with requirements of Contract Documents.
- D. Fit Work tightly to pipes, sleeves, ducts, conduit, and other penetrations through surfaces.
- E. At penetrations of fire-rated wall, ceiling, or floor construction, completely seal voids with fire-rated material, full thickness of the construction element or in accordance with listed U.L. assembly requirements.
- F. Refinish surfaces to match adjacent finishes. For continuous surfaces, refinish to nearest intersection; for an assembly, refinish entire unit.

END OF SECTION

SECTION 01073
EXPLANATIONS: DRAWINGS AND SPECIFICATIONS

PART 1 GENERAL

1.1 REQUIREMENTS INCLUDED

- A. Explanation of terminology used within the Drawings and Specifications.

1.2 RELATED REQUIREMENTS

- A. Section 01005 - Administrative Provisions
- B. Section 01010 - Summary of Work
- C. Section 01020 - Intent of Documents

1.3 SPECIFICATION FORMAT AND COMPOSITION

- A. Specifications are divided into Divisions and Sections for the convenience of writing and using. Titles are not intended to imply a particular meaning or to fully describe the Work of each Division or Section, and are not an integral part of the text that specifies the requirements. Contracting Officer is not bound to define the limits of any subcontract, and will not enter into disputes between the Contractor and his employees, including subcontractors.
- B. Pages are numbered independently for each Section. Section number is shown with the page number at the bottom of each page. "End of Section" is noted on the last page of each Section. It is Contractor's responsibility to verify that Contract Documents received for bidding and construction are complete in accordance with Table of Contents.
- C. These Specifications are of the abbreviated, or "streamlined" type, and include incomplete sentences.
- D. Omissions of words or phrases such as "the Contractor shall," "in conformity therewith," "shall be," "as noted on the Drawings," "according to the Drawings," "a," "an," "the" and "all" are intentional.
- E. Omitted words or phrases shall be supplied by inference in the same manner as they are when a "note" occurs on the Drawings.

1.4 DRAWINGS: CONTENT EXPLANATION

- A. Where on any of the Drawings a portion of the Work is drawn out and the remainder is indicated in outline, the parts drawn out shall apply also to all other portions of the Work.
- B. Wherever a detail is referenced and developed for a specific condition, same or similar detail shall apply to identical or similar conditions elsewhere on Project even though not specifically referenced.
- C. Where the word "similar" occurs on the Drawings, it shall be interpreted in its general sense and not as meaning identical, all details shall be worked out in relation to their location and their connection with other parts of the Work.

- D. The figured dimensions on the Drawings or notes indicating dimensions shall be used instead of measurements of the Drawings by scale. No scale measurements shall be used as a dimension.
- E. Provide piping, ductwork, equipment, and accessories indicated on the Drawings unless it is specifically indicated that the piping, ductwork, equipment, or accessory is existing.
- F. Unless otherwise indicated, abbreviations and symbols used in the Drawings and Specifications are intended to have the meaning commonly accepted in the construction industry. Contact the Contracting Officer for definition if any question arises concerning them.
- G. Certain items used generally throughout the Specifications and Drawings are used as follows:
 - 1. Indicated: The term "indicated" is a cross reference to details, notes or schedules on the Drawings, other paragraphs or schedules in the Specifications, and similar means of recording requirements in the Contract Documents. Where terms such as "shown", "noted", "schedules", and "specified" are used in lieu of "indicate", it is for the purpose of helping the reader accomplish the cross reference, and no limitation of location is intended except as specifically noted.
 - 2. Installer: The person or entity engaged by Contractor, his subcontractor or sub-subcontractor for the performance of a particular unit of work at the Project site, including installation, erection, application, and similar required operations. It is a general requirement that installers be recognized experts in the Work they are engaged to perform.
 - 3. Provide: Except to the extent further defined, the term "provide" means to supply and install, complete and ready for the intended use.
 - 4. Furnish: Except as otherwise defined in greater detail, the term "furnish" is used to mean the same as "provide".
 - 5. Guarantee and Warranty: "Warranty" is generally used in conjunction with products manufactured or fabricated away from the Project site, and "guarantee" is generally used in conjunction with units of work which require both products and substantial amounts of labor at the Project site. The resulting difference is that warranties are frequently issued by manufacturers, and guarantees are generally issued by Contractor and frequently supported (partially) by product warranties from manufacturers.
 - 6. 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, shall culminate in the entire completed Project, or the various separately identifiable parts thereof.
 - 7. Contracting Officer: Contracting Officer means Contracting Officer or Contracting Officer's Representative.

1.5 CONFLICTS

- A. Report any conflicts to Contracting Officer for clarification.

Sitka Pioneer Home
Bathing Suites Renovation
ANC 24-12C

Section 01073
Explanations: Drawings and Specifications

PART 2 **PRODUCTS**
[Not Used]

PART 3 **EXECUTION**
[Not Used]

END OF SECTION

SECTION 01090
REFERENCE STANDARDS

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Quality Assurance.
- B. Applicability of Reference Standards.
- C. Provision of Reference Standards at site.
- D. Acronyms used in Contract Documents for Reference Standards. Source of Reference Standards.

1.02 RELATED REQUIREMENTS

- A. Document 00700 - General Conditions: Paragraph 3.4.2.

1.03 QUALITY ASSURANCE

- A. For products or workmanship specified by association, trade, or Federal Standards, comply with requirements of the standard, except when more rigid requirements are specified or are required by applicable codes.
- B. The date of the standard is that in effect as of the Project Advertisement date, or Effective Date of the Contract when there was no Advertisement, except when a specific date is specified.
- C. When required by an individual Specification section, obtain copy of standard. Maintain copy at site during submittals, planning, and progress of the specific Work, until Final Completion.
- D. Should specified reference standards conflict with Contract Documents, request clarification from the Architect/Engineer before proceeding. Local code requirements, where more stringent than referenced standards, shall govern.
- E. Neither the contractual relationship, duties, nor responsibilities of the parties in Contract nor those of the Architect/Engineer shall be altered by the Contract Documents by mention or inference otherwise in any reference document.

1.04 SCHEDULE OF REFERENCES

AA	Aluminum Association 818 Connecticut Avenue, N.W. Washington, DC 20006
AABC	Associated Air Balance Council 1000 Vermont Avenue, N.W. Washington, DC 20005
AASHTO	American Association of State Highway and Transportation Officials 444 North Capitol Street, N.W. Washington, DC 20001
ACI	American Concrete Institute Box 19150 Reford Station Detroit, MI 48219

ADC	Air Diffusion Council 230 North Michigan Avenue Chicago, IL 60601
AGC	Associated General Contractors America 1957 E Street, N.W. Washington, DC 20006
AI	Asphalt Institute Asphalt Institute Building College Park, MD 20740
AITC	American Institute of Timber Construction 333 W. Hampden Avenue Englewood, CO 80110
AISC	American Institute of Steel Construction 400 North Michigan Avenue Eighth Floor Chicago, IL 60611
AISI	American iron and Steel Institute 1000 16th Street, N.W. Washington, DC 20036
AMCA	Air Movement and Control Association 30 West University Drive Arlington Heights, IL 60004
ANSI	American National Standards Institute 1430 Broadway New York, NY 10018
APA	American Plywood Association Box 11700 Tacoma, WA 98411
ARI	Air-Conditioning and Refrigeration Institute 1815 North Fort Myer Drive Arlington, VA 22209
ASHRAE	American Society of Heating, Refrigeration and Air Conditioning Engineers 1791 Tullie Circle, N.E. Atlanta, GA 30329
ASME	American Society of Mechanical Engineers 345 East 47th Street New York, NY 10017
ASPA	American Sod Producers Association Association Building Ninth and Minnesota Hastings, NE 68901

ASTM	American Society for Testing and Materials 1916 Race Street Philadelphia, PA 19103
AWWA	American Water Works Association 6666 West Quincy Avenue Denver, CO 80235
AWI	Architectural Woodwork Institute 2310 South Walter Reed Drive Arlington, VA 22206
AWPA	American Wood-Preservers' Association 7735 Old Georgetown Road Bethesda, MD 20014
AWS	American Welding Society 550 LeJeune Road Miami, FL 33135
CDA	Copper Development Association 57th Floor, Chrysler Building 405 Lexington Avenue New York, NY 10174
CLFMI	Chain Link Fence Manufacturers Institute 1101 Connecticut Avenue, N.W. Washington, DC 20036
CRSI	Concrete Reinforcing Steel Institute 933 Plum Grove Road Schaumburg, IL 60195
EJMA	Expansion Joint Manufacturers Association 707 Westchester Avenue White Plains, NY 10604
FGMA	Flat Glass Marketing Association 3310 Harrison White Lakes Professional Building Topeka, KS 66611
FM	Factory Mutual System 1151 Boston-Providence Turnpike Norwood, MA 02062
FS	Federal Specification General Services Administration Specifications and Consumer Information Distribution Section (WFSIS) Washington Navy Yard, Building 197 Washington, DC 20407

GA	Gypsum Association 1603 Orrington Avenue Evanston, IL 60201
IEEE	Institute of Electrical and Electronics Engineers 345 East 47th Street New York, NY 10017
IMIAC	International Masonry Industry All-Weather Council International Masonry Institute 815 15th Street, N.W. Washington, DC 20005
MFMA	Maple Flooring Manufacturers Association 2400 East Devon Suite 205 Des Plaines, IL 60018
MIL	Military Specification Naval Publications and Forms Center 5801 Tabor Avenue Philadelphia, PA 19120
ML/SFA	Metal Lath/Steel Framing Association Metal Manufacturers 221 North LaSalle Street Chicago, IL 60601
NAAMM	National Association of Architectural Metal Manufacturers 221 North LaSalle Street Chicago, IL 60601
NEBB	National Environmental Balancing Bureau 8224 Old Courthouse Road Vienna, VA 22180
NEMA	National Electrical Manufacturers' Association 2101 L Street, N.W. Washington, DC 20037
NFPA	National Fire Protection Association Battery March Park Quincy, MA 02269
NFPA	National Forest Products Association 1619 Massachusetts Avenue, N.W. Washington, DC 20036
NSWMA	National Solid Wastes Management Association 1120 Connecticut Avenue, N.W. Washington, DC 20036
NTMA	National Terrazzo and Mosaic Association 3166 Des Plaines Avenue Des Plaines, IL 60018

PCA	Portland Cement Association 5420 Old Orchard Road Skokie, IL 60077
PCI	Prestressed Concrete Institute 201 North Wacker Drive Chicago, IL 60606
PS	Product Standard U.S. Department of Commerce Washington, DC 20203
RIS	Redwood Inspection Service One Lombard Street San Francisco, CA 94111
RCSHSB	Red Cedar Shingle and Handsplit Shake Bureau 515 116th Avenue Bellevue, WA 98004
SDI	Steel Deck Institute Box 3812 St. Louis, MO 63122
SDI	Steel Door Institute 712 Lakewood Center North Cleveland, OH 44107
SIGMA	Sealed Insulating Glass Manufacturers Association 111 East Wacker Drive Chicago, IL 60601
SJI	Steel Joist Institute 1703 Parham Road Suite 204 Richmond, VA 23229
SMACNA	Sheet Metal and Air Conditioning Contractors' National Association 8224 Old Court House Road Vienna, VA 22180
SSPC	Steel Structures Painting Council 4400 Fifth Avenue Pittsburgh, PA 15213
TAS	Technical Aids Series Construction Specifications Institute 601 North Madison Street Alexandria, VA 22314
TCA	Tile Council of America, Inc. Box 326 Princeton, NJ 08540

UL	Underwriters' Laboratories, Inc. 333 Pfingston Road Northbrook, IL 60062
WCLIB	West Cost Lumber Inspection Bureau Box 23145 Portland, OR 97223

PART 2 PRODUCTS (Not Used)

PART 3 EXECUTION (Not Used)

END OF SECTION

SECTION 01120
ALTERATION PROJECT PROCEDURES

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Procedural requirements.
- B. Rehabilitation and renovation of existing spaces and materials.

1.02 RELATED REQUIREMENTS

- A. Section 01005 - Administrative Provisions
- B. Section 01010 – Summary of Work
- C. Section 01045 - Cutting and Patching

PART 2 PRODUCTS

2.01 PRODUCTS FOR PATCHING AND EXTENDING WORK

- A. New Materials: As specified in individual Specification Sections.
- B. Match existing products and work for patching and extending Work.
- C. Determine type and quality of existing products by inspection and any necessary testing, and workmanship by use of existing as a standard. Presence of a product, finish, or type of Work, requires that patching, extending, or matching shall be performed as necessary to make Work complete and consistent with existing quality and Contract Documents.

PART 3 EXECUTION

3.01 GENERAL

- A. Remove existing work, materials and items as indicated on the Drawings, as required by job site conditions, as scheduled, and as specified herein, to accomplish new Work and alteration in the existing building.
- B. Remove work carefully and only to the extent required for the final Work. Minimize damage to adjacent materials.
- C. When portions of existing conditions are shown, it is not meant to indicate that all existing conditions are shown.
- D. Patch existing surfaces which are made defective in appearance or function by the execution of Work.
- E. Cut rigid materials using masonry saw or core drill. Pneumatic tools and electric hammers are not permitted.
- F. Conduct all operations with a minimum of noise.
- G. Take reasonable and adequate precautions to protect the Owner's property from

Alteration Project Procedures

damage during demolition Work, moving of debris, and damage by the elements. Restore any damage to Owner property due to the aforesaid work or replace in a manner satisfactory to the Contracting Officer.

- H. Provide and maintain suitable barricades, shelters, lights, and danger signals during the progress of the Work. Provide barricades meeting the requirements of the applicable building codes. Assume the responsibility of barriers to completion of Contract and remove at completion of Contract.
- I. Locate penetrations to avoid structural members.

3.02 INSPECTION

- A. Verify that demolition is complete, and areas are ready for installation of new Work.
- B. Beginning of restoration Work means acceptance of existing conditions.

3.03 PREPARATION

- A. Plan all work in advance, informing Contracting Officer of procedure and schedule.
- B. Verify existing conditions affecting Work including existing sizes and materials indicated prior to beginning Work or ordering materials that are affected by existing conditions. Notify Contracting Officer of conflicts in writing.
- C. Erect dust-proof partitions where demolition work is in progress and as directed. Such partitions shall remain in place until their removal is directed.
- D. Where openings are to be cut in existing structures, cut such openings with care. Where materials, equipment, frames, etc., are to be removed, remove such items with care to minimize damage to adjacent materials.
- E. Cut, move, or remove items as necessary for access to alterations and renovations Work; replace and restore at completion.
- F. Cut pockets, openings, chases, depressions, etc., to install or allow for installation of materials or equipment.
- G. Remove from site unsuitable material not marked for salvage, such as rotted wood, rusted metals, and deteriorated masonry and concrete; replace materials as specified for finished Work.
- H. Remove from site, including concealed spaces, debris and abandoned items resulting from demolition operations from the site promptly. No accumulation of debris will be permitted.
- I. Prepare surfaces and remove surface finishes to provide for proper installation of new Work and new finishes.
- J. Close openings in exterior surfaces to protect existing work and salvage items from weather and extremes of temperature and humidity. Insulate ductwork and piping to prevent condensation in exposed areas.

3.04 INSTALLATION

- A. Coordinate Work of alterations and renovations to expedite completion and to accommodate Owner occupancy. Remove, cut, and patch Work in a manner to

minimize damage and to provide means of restoring products and finishes to original condition.

- B. Refinish visible existing surfaces to remain in renovated rooms and spaces with a neat transition to adjacent new finishes.
- C. In addition to specified replacement of equipment restore existing mechanical and electrical systems to full operational condition.
- D. Install products as specified in individual Specification Sections.

3.05 TRANSITIONS

- A. Where new Work abuts or aligns with existing, make a smooth and even transition. Patched Work shall match existing adjacent work in texture and appearance.
- B. When finished surfaces are cut so that a smooth transition with new Work is not possible, terminate existing surface along a straight line at a natural line of division and make recommendation to Contracting Officer.

3.06 ADJUSTMENTS

- A. Where removal of partitions results in adjacent spaces becoming one, rework floors, walls, and ceilings to a smooth plane without breaks, steps, or bulkheads. Where a change of plane of 1/4 inch or more occurs, submit recommendation for providing a smooth transition for Contracting Officer review.
- B. Trim existing doors as necessary to clear new floor finishes; refinish trimmed areas.
- C. Fit Work at penetrations of surfaces as specified in Sections 01005 and 01045.

3.07 REPAIR OF DAMAGED SURFACES

- A. Patch or replace portions of existing surfaces which are disturbed, damaged, or otherwise made defective in appearance or function by the execution of Work under this Contract. Restore to original condition.
- B. Repair substrate prior to patching finish.

3.08 FINISHES

- A. Finish surfaces as specified in individual Sections.
- B. Finish patches to produce uniform finish and texture over entire area. When finish cannot be matched, refinish entire surface to nearest intersections.

3.09 CLEANING

- A. In addition to cleaning specified in Section 01500, clean Owner occupied areas of Work daily.
- B. After the demolition Work in any area is completed, clean the area before new construction is started.

END OF SECTION

SECTION 01126
CONTRACTOR'S CERTIFICATION OF SUBCONTRACTS

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Procedures for preparing, submitting and accepting subcontracts.

1.02 RELATED REQUIREMENTS

- A. Document 00100 - Instructions to Bidders, Requirements of Apparent Low Bidder
- B. Document 00430 - Subcontractor List
- C. Document 00700 - General Conditions: Paragraph 6.13.1, Subcontractor Certification and Approval
- D. Section 01300 - Submittals: Procedures

1.03 PREPARATION OF CERTIFICATION

- A. Certification Forms: Use only forms provided by DEPARTMENT.
- B. CONTRACTOR to prepare certification form in accordance with the instructions on the reverse side of form. Multiple subcontracts may be included under a single submittal. Where required, attach additional information -- cross referenced to the appropriate Subcontract -- to the certification form.
- C. Substitute certification forms will not be considered.

1.04 SUBMITTAL OF CERTIFICATION

- A. CONTRACTOR shall submit the initial and all subsequent certification form(s) in accordance with the submittal requirements identified under paragraph 1.02.D, previous.

1.05 CONSIDERATION OF CERTIFICATION


- A. Following receipt of submittal and within a reasonable period of time DEPARTMENT shall review for each of the following:
 - 1. Completeness of forms and attachments
 - 2. Proper execution (signatures) of forms and attachments
- B. Submittals which are not complete or not properly executed will be returned to the CONTRACTOR under a transmittal letter denoting the deficiencies found. CONTRACTOR shall correct and resubmit per paragraph 1.04, previous.
- C. SUBCONTRACTORS WHICH HAVE NOT BEEN APPROVED BY THE DEPARTMENT SHALL NOT BE ALLOWED ON SITE.
- D. Payment will not be made for work performed by a non-certified subcontractor.

1.06 ACKNOWLEDGEMENT OF CERTIFICATION

- A. Submittals which have been examined by the DEPARTMENT and are determined to be complete and properly executed shall be acknowledged as such by the Department's project Manager on the approval line of the certification form.

PART 2 PRODUCTS Not Used

PART 3 EXECUTION Not Used

Department of Family and Community Services	Section 01126 Contractor's Certification of Subcontracts	
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PROJECT: _____ PROJ. # _____

PRIME CONTRACTOR: _____

Pursuant 00700 6.13.1, we hereby stipulate the following concerning the award of Work to the last Subcontractor on the following list:

1. General Contractor _____

Second Tier _____

Third Tier _____

Fourth Tier _____

2. Date of Subcontract: _____

3. Amount of Subcontract: \$ _____

4. Scope of Work: _____

5. Are the following documents kept on file by both the Contractor and the Subcontractor (circle appropriate answer)?

EEO-1 Certification (Form 25A304)	Y	N
EEO Bid Conditions (Form 25A330)	Y	N
Contract Minimum Wage Schedule	Y	N
Civil Rights Representative Form (25A302)	Y	N

6. Does the Subcontract contain provisions for prompt payment, release of retainage, and interest on late payment and retainage conforming to AS 36.90.210?

Y **N**

7. Does the Subcontract specifically bind the Subcontractor to the applicable terms and conditions of the Contract Documents for the benefit of the Department and does it contain waiver provisions as required by 00700 13.17 and termination provisions as required by 00700 Article 14 (6.13.3)?

Y **N**

8. a. Does the Subcontractor have adequate insurance coverages as specified in 00700 5.4.2?

Y **N**

If not, does the Contractor stipulate that the insurance limits of the Subcontractor are acceptable to the Contractor and that he has notified his insurance carrier of the reduced insurance limits?

Y **N**

b. Does the evidence of insurance certify that the policies described thereon comply with all aspects of the insurance requirements for this project?

Y **N**

c. Does the evidence of insurance list the Department as an "Additional Insured" or "Certificate Holder"?

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Y N

d. Does the evidence of insurance commit to providing 30 day written notice of cancellation or reduction of any coverage? Y N

e. Insurance Expiration dates:

Comprehensive or Commercial General Liability: _____

Automobile: _____ Workers' Compensation: _____

(Other) _____:

9. Copies of the following professional certifications, licenses, and registrations are attached (circle all that apply):

Business License (mandatory)

Contractor License (mandatory)

Land Surveyor's License

Electrical Administrator's License (mandatory for electrical subs)

Engineer/Architect

Other: _____

10. Exceptions to any of the above are explained as follows: _____

CERTIFICATION: I certify all the above to be true and correct.

Signature: _____

Printed Name: _____

Company: _____

Date: _____

DEPARTMENT'S APPROVAL/DISAPPROVAL

The subject subcontract is **APPROVED**. Nothing in this approval should be construed as relieving the Prime Contractor of the responsibility for complete performance of the work or as a waiver of any right of the Department to reject defective work.

Signature: _____ Date: _____
Janelle Earls, Contracting Officer

The subject subcontract is **NOT APPROVED** for the following reasons:

Signature: _____ Date: _____

Project Manager

END OF SECTION

01126-3

SECTION 01200
PROJECT MEETINGS

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. CONTRACTOR participation in preconstruction conferences.
- B. CONTRACTOR administration of progress meetings.

1.02 RELATED REQUIREMENTS

- A. Document 00120 - Supplementary Instructions to Bidders: Pre-Bid Conference.
- B. Section 01010 – Summary of Work: Coordination.
- C. Section 01300 - Submittals: Construction Progress Schedules, Shop drawings, Product data, and Samples.
- D. Section 01400 - Quality Control.
- E. Section 01700 - Contract Closeout: Project Record Documents, Operation and Maintenance Data.

1.03 PRECONSTRUCTION CONFERENCES.

- A. DEPARTMENT will administer preconstruction conference for execution of Contract and exchange of preliminary submittals and review of administrative procedures.
- B. DEPARTMENT will administer site mobilization conference at Project site for clarification of CONTRACTOR responsibilities in use of site and coordination with Using Agency for occupancy throughout the duration of the work. CONTRACTOR shall provide the detailed written work plan in preparation for this meeting.

1.04 PROGRESS MEETINGS

- A. Contractor shall schedule and administer weekly Project meetings throughout progress of the Work (unless this requirement is waived by the Project Manager), and other meetings as required to coordinate work, and preinstallation conferences.
- B. Attendance: Job superintendent, major Subcontractors and Suppliers; DEPARTMENT and Consultants as appropriate to agenda topics for each meeting.
- C. Minimum Required Agenda: Review of Work progress, status of progress schedule and adjustments thereto, Work anticipated in the next week, delivery schedules, submittals, maintenance of quality standards, pending changes and substitutions, and other items affecting progress of Work.

PART 2 PRODUCTS Not Used

PART 3 EXECUTION Not Used

END OF SECTION

SECTION 01300
SUBMITTALS

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Procedures.
- B. Construction Progress Schedules.
- C. Schedule of Values.
- D. Shop Drawings, Product Data, and Samples.
- E. Field Samples.

1.02 RELATED REQUIREMENTS

- A. Section 01010 - Summary of Work.
- B. Section 01027 - Applications for Payment.
- C. Section 01400 - Quality Control: Manufacturers' Field Services, Testing Laboratory Services.
- D. Section 01600 - Material and Equipment: Products List.
- E. Section 01700 - Contract Closeout: Closeout Procedures.

1.03 PROCEDURES

- A. Deliver submittals to DEPARTMENT as directed.
- B. Transmit each item under DEPARTMENT accepted form. Identify Project, CONTRACTOR, Subcontractor, Major Supplier, identify pertinent Drawing sheet and detail number, and Specification section number, as appropriate. Identify deviations from Contract Documents by submitting a DEPARTMENT supplied Substitution Request Form. Provide a minimum of 8 1/2" x 5 1/2" blank space on the front page for CONTRACTOR, and Consultant review stamps.
- C. Submit initial progress schedules and Schedule of Values in five copies in accordance with paragraph SC6.6 of Document 00800 - Supplementary Conditions prior to submitting first Application for Payment. Form and content shall be reviewed by the DEPARTMENT. After review by DEPARTMENT revise and resubmit as required. Submit subsequent updated schedules (10) days prior to each Application for Payment.
- D. Comply with progress schedule for submittals related to Work progress. Coordinate submittal of related items.
- E. After DEPARTMENT review of submittal, revise and resubmit as required, identifying changes made since previous submittal. Provide total number of submittals as required for the first submission, if 6 are required and 4 were returned for revisions, submit 6 again. The DEPARTMENT and Consultants will not return the first or revised copies of rejected submittals for re-use. DO NOT submit partial copies of submittals for incorporation into rejected submittal packages which have been kept by the DEPARTMENT and/or Consultants. Provide COMPLETE copies for each review.
- F. If drawings, product submittals, samples, mock-ups, or other required submittals are incomplete or not properly submitted, the DEPARTMENT will not review the submittal

Submittals

and will immediately return submittal to CONTRACTOR. DEPARTMENT will review a submittal no more than three times (incomplete or improper submittals count as one). CONTRACTOR shall pay all review costs associated with more than three reviews, unless a resubmittal is required due to new comments addressing previously submitted information.

1.04 CONSTRUCTION PROGRESS SCHEDULES

- A. Submit horizontal bar Gantt chart (see below for electronic version requirements). Schedule shall show:

1. Separate bar for each major trade or operation, identifying the duration of each activity and precedent activities.
2. Complete sequence of construction by activity, identifying Work of separate stages and other logically grouped activities. Show each work plan and separate work area as a separate activity or group of activities.
3. Submittal dates for required for Shop Drawings, product data, and samples, and product delivery dates, including those furnished by DEPARTMENT and those under allowances.
4. All required submittals and indicating the date for each required submittal.
5. Show projected percentages of completion for each item of Work and submittal as of time of each Application for Progress Payment. See below for electronic version requirements.
6. **ELECTRONIC VERSION: REQUIRED FOR ALL PROJECTS WHEN THE ORIGINAL CONTRACT AMOUNT IS EQUAL TO OR GREATER THAN \$500,000.00.** Submit Progress Schedule plotted on paper no larger than 24" x 36" and no smaller than 8 1/2" x 11" from the electronic program. Provide in electronic form on CD for IBM and compatible using Microsoft Project 2000 version 9.0. CD will not be returned by the DEPARTMENT.
7. Submit Progress Schedule percentages in Tracking Gantt form plotted from and in electronic form as stated above.

1.05 SCHEDULE OF VALUES

A. FORMAT

1. Form and content must be acceptable to DEPARTMENT.
2. CONTRACTOR's standard form or media-driven printout will be considered on request.
3. Follow table of contents of Project manual for listing component parts. Identify each line item by number and title of listed Specification sections.

B. CONTENT

1. List installed value of each major item of Work and each subcontracted item of Work as a separate line item to serve as a basis for computing values for progress payments. Round off values to nearest dollar.
2. For each major subcontract, list products and operations of that subcontract as separate line items.
3. Coordinate listings with progress schedule.
4. Component listings shall each include a directly proportional amount of

CONTRACTOR's overhead and profit.

5. For items on which payments will be requested for stored products, list sub-values for cost of stored products with taxes paid.
6. Specific line item Values as indicated below shall be minimum acceptable amounts and must be included on all approved Schedules of Values and Applications for Payment.
 - a. **Section 01700 - Contract Closeout. Value of all required Substantial Completion Submittals and Closeout Submittals shall be not less than \$6,500.00 (six thousand five hundred dollars).**
 - b. No progress payments will be made for Substantial Completion Submittals and Closeout Submittals until **all** submittals have been submitted to and accepted by the DEPARTMENT.
7. The sum of values listed shall equal total Contract Price.

C. SUBMITTAL

1. Submit four copies of Schedule prior to submitting the CONTRACTOR's first Application for Payment. Subsequent updated Schedule of Values shall be presented for review ten days prior to each Application for Payment.
2. Transmit under DEPARTMENT accepted form transmittal letter. Identify Project by DEPARTMENT title and Project number; identify Contract by DEPARTMENT Contract number.

D. SUBSTANTIATING DATA

1. When DEPARTMENT requires substantiating information, submit data justifying line item amounts in question.
2. Provide one copy of data with cover letter for each copy of the Application for Payment. Show application number and date, and line item by number and description.

1.06 SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

A. SHOP DRAWINGS:

1. Present in a clear and thorough manner. Label each Shop Drawing with DEPARTMENT's Project name and Project number; identify each element of the Shop Drawings by reference to sheet number and detail, schedule, or room number of Contract Documents.
2. Identify field dimensions; show relation to adjacent or critical features or Work or products.
3. Minimum Sheet Size: 8-1/2"x11". Larger sheets may be submitted in multiples of 8-1/2"x11".

B. PRODUCT DATA

1. Submit only pages which are pertinent; mark each copy of standard printed data to identify pertinent products, referenced to Specification section and Article number. Show reference standards, performance characteristics, and capacities; wiring and piping diagrams and controls; component parts; finishes; dimensions; and required clearances.
2. Modify manufacturer's standard schematic drawings and diagrams to supplement standard information and to provide information specifically applicable to the Work.

Delete information not applicable.

C. SAMPLES

1. Submit full range of manufacturer's standard finishes except when more restrictive requirements are specified, indicating colors, textures, and patterns, for DEPARTMENT selection.
2. Submit samples to illustrate functional characteristics of products, including parts and attachments.
3. Approved samples, which may be used in the Work, are indicated in the Specification section.
4. Label each sample with identification required for transmittal letter.
5. Provide field samples of finishes at Project, at location acceptable to DEPARTMENT, as required by individual Specification section. Install each sample complete and finished. Acceptable finishes in place may be retained in completed Work.

D. MANUFACTURER'S INSTRUCTIONS

1. When required in individual Specification Section, submit manufacturer's printed instructions for delivery, storage, assembly, installation start-up, adjusting, and finishing, in quantities specified for product data.
2. Manufacturer's instructions for storage, preparation, assembly, installation, start-up, adjusting, balancing, and finishing under provisions of Section 01400.

E. CONTRACTOR REVIEW

1. Review submittals prior to transmittal; determine and verify field measurements, field construction criteria, manufacturer's catalog numbers, and conformance of submittal with requirements of Contract Documents.
2. Coordinate submittals with requirements of Work and of Contract Documents.
3. Sign or initial each sheet of Shop Drawings and product data, and each sample label to certify compliance with requirements of Contract Documents. Notify DEPARTMENT in writing at time of submittal, of any deviations from requirements of Contract Documents.
4. Do not fabricate products or begin Work that requires submittals until return of submittal with DEPARTMENT acceptance.

F. SUBMITTAL REQUIREMENTS

1. Each submittal to be numbered by Specification Section and Paragraph. Revisions shall be identified by a hyphen after the paragraph, with a letter designator. Example: 1st submittal "01010 1.08A" 2nd submittal 01010 1.08A - A".
2. Transmit submittals in accordance with the required submittal schedule and in such sequence to avoid delay in the Work.
3. Provide 8 1/2" x 5 1/2" blank space on each submittal for CONTRACTOR and Consultant stamps.
4. Apply CONTRACTOR'S stamp, signed or initialed, certifying to review, verification of products, field dimensions and field construction criteria, and coordination of information with requirements of Work and Contract Documents.
5. Coordinate submittals into logical groupings to facilitate interrelation of the several items:

- a. Finishes which involve DEPARTMENT selection of colors, textures, or patterns.
 - b. Associated items that require correlation for efficient function or for installation.
6. Submit number of opaque reproductions of shop drawings CONTRACTOR requires, plus six that will be retained by DEPARTMENT.
 7. Submit number of copies of product data and manufacturer's instructions CONTRACTOR requires, plus three copies, which will be retained by DEPARTMENT.
 8. Submit number of samples specified in individual Specifications sections.
 9. Submit under DEPARTMENT accepted transmittal form letter. Identify Project by title and DEPARTMENT Project number; identify Contract by DEPARTMENT contract number. Identify Work and product by Specification section and Article number.
 10. Each submittal shall have as its face document a completed DEPARTMENT furnished Submittal Summary form.
 11. Each submittal shall include the manufacturer's name and address, and supplier's name, address and telephone number.

G. RESUBMITTALS

1. After DEPARTMENT review of submittal, revise and resubmit as required, identifying changes made since previous submittal. Provide total number of submittals as required for the first submission, if 6 are required and 4 were returned for revisions, submit 6 again. The DEPARTMENT and Consultants will not return the first or revised copies of rejected submittals for re-use. DO NOT submit partial copies of submittals for incorporation into rejected submittal packages which have been kept by the DEPARTMENT and/or Consultants. Provide COMPLETE copies for each review.

H. DEPARTMENT REVIEW

1. DEPARTMENT or authorized agent will review Shop Drawings, product data, and samples and return submittals within (14) working days.
2. DEPARTMENT or authorized agent will examine shop drawings for general arrangement, overall dimensions and suitability, and will return to the CONTRACTOR marked as follows;
 - "No Exceptions Taken" - denotes that the submittal generally meets the requirements of the Contract Documents. "No Exceptions Taken" does not indicate a review of the CONTRACTOR's design except for general compliance with the requirements of the Contract Documents.
 - "Make Corrections Noted" - denotes review is conditional on compliance with notes made on the submittal.
 - "Revise and Resubmit" - denotes that revisions are required in the submittal in order for the submittal to be generally consistent with the requirements of the Contract Documents. Required revisions will be

identified to the CONTRACTOR.

- "Rejected" - denotes that the submittal does not meet the requirements of the Contract Documents and shall not be used in the Work. Reasons for rejection will be identified to the CONTRACTOR.

3. Review by the DEPARTMENT of shop and erection drawings shall not be construed as a complete check, but will indicate only that the general method of construction and detailing is consistent with the requirements of the Contract Documents. Review of such drawings shall not relieve the CONTRACTOR of the responsibility for errors, dimensions, and detail design.
4. DEPARTMENT will require submittal of all required color and finish samples in order to approve any on color or finish.

I. DISTRIBUTION

1. Duplicate and distribute reproductions of Shop Drawings, copies of product data, and samples, which bear Consultant's stamp, to job site file, record documents file, Subcontractors, Suppliers, and other entities requiring information.

J. SCHEDULE OF SUBMITTALS

1. Submittal Register Form to be completed by CONTRACTOR and approved by DEPARTMENT prior to submittal of any items.
2. Submit shop drawings, product data and samples as required for each specification section.
3. Format.

a. Submittal schedule form as provided by DEPARTMENT.

1.07 FIELD SAMPLES

- A. Provide field samples of finishes at Project as required by individual Specifications section. Install sample complete and finished. Acceptable samples in place may be retained in completed Work.

PART 2 PRODUCTS Not Used

PART 3 EXECUTION Not Used

END OF SECTION

SECTION 01400
QUALITY CONTROL

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. General Quality Control.
- B. Workmanship.
- C. Manufacturer's Instructions.
- D. Manufacturer's Certificates.
- E. Mockups.
- F. Manufacturers' Field Services.
- G. Testing Laboratory Services.
- H. Departmental Inspection Services.

1.02 RELATED REQUIREMENTS

- A. Document 00700 - General Conditions: Inspection and testing required by governing authorities.
- B. Section 01010 – Summary of Work: Work Plans and Access to Facility, Individual Work Areas, and Tests required for inspection of the existing roof deck and structural members.
- C. Section 01090 - Reference Standards: Applicability of Reference Standards.
- D. Section 01300 - Submittals: Shop Drawings, Product Data, and Samples

1.03 QUALITY CONTROL, GENERAL

- A. Maintain quality control over Suppliers, manufacturers, products, services, site conditions, and workmanship, to produce Work of specified quality.

1.04 WORKMANSHIP

- A. Comply with industry standards except when more restrictive tolerances or specified requirements indicate more rigid standards or more precise workmanship.
- B. Perform Work by persons qualified to produce workmanship of specified quality.
- C. Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration, and racking.

1.05 MANUFACTURERS' INSTRUCTIONS

- A. Comply with instructions in full detail, including each step in sequence. Should instructions conflict with Contract Documents, request clarification from DEPARTMENT before proceeding.

1.06 MANUFACTURERS' CERTIFICATES

- A. When required by individual Specifications section, submit manufacturer's certificate, in duplicate, that products meet or exceed specified requirements.

1.07 MOCKUPS

- A. When required by individual Specifications section, erect complete, full-scale mockup of assembly at site, perform required tests, and remove mockup at completion, when approved by DEPARTMENT.

1.08 MANUFACTURERS' FIELD SERVICES

- A. When required by manufacturer or when specified in respective Specification sections, require manufacturer to provide qualified personnel to observe field conditions, conditions of surfaces and installation, quality of workmanship, start-up of equipment, test, adjust and balance of equipment as applicable, and to make appropriate recommendations.
- B. Require manufacturer's representative to submit written report to DEPARTMENT listing observations and recommendations.

PART 2 PRODUCTS Not Used

PART 3 EXECUTION Not Used

END OF SECTION

SECTION 01600
MATERIAL AND EQUIPMENT

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Products.
- B. Transportation and Handling.
- C. Storage and Protection.
- D. Product Options.
- E. Products List.
- F. Substitutions.

1.02 RELATED REQUIREMENTS

- A. Section 01005 - Administrative Provisions.
- B. Section 01010 - Summary of Work.
- C. Section 01090 - Reference Standards.
- D. Section 01400 - Quality Control: Manufacturers' Certificates.
- E. Section 01700 – Contract Closeout: Closeout Procedures, Operation and Maintenance Data, Warranties, Spare Parts and Maintenance Materials.

1.03 PRODUCTS

- A. Products include material, equipment, and systems.
- B. Comply with Specifications and referenced standards as minimum requirements.
- C. Components required to be supplied in quantity within a Specification section shall be the same, and shall be interchangeable.
- D. Do not use materials and equipment removed from existing structure, except as specifically required, or allowed, by Contract Documents.

1.04 TRANSPORTATION AND HANDLING

- A. Transport products by methods to avoid product damage; deliver in undamaged condition in manufacturer's unopened containers or packaging, dry.
- B. Provide equipment and personnel to handle products by methods to prevent soiling or damage.
- C. Immediately on delivery, inspect shipment to assure:
 - 1. Product complies with requirements of Contract Documents and reviewed submittals.
 - 2. Quantities are correct.
 - 3. Accessories and installation hardware are correct.
 - 4. Containers and packages are intact and labels legible.
 - 5. Products are protected and undamaged.

1.05 STORAGE AND PROTECTION

- A. **HANDLE AND STORE MATERIALS FOR CONSTRUCTION, PRODUCTS OF DEMOLITION, AND OTHER ITEMS TO AVOID DAMAGE TO BUILDING.**
- B. Store products in accordance with manufacturer's instructions, with seals and labels intact and legible. Store sensitive products in weather-tight enclosures; maintain within temperature and humidity ranges required by manufacturer's instructions.
- C. Arrange storage to provide access for inspection. Periodically inspect to assure products are undamaged, and are maintained under required conditions.
- D. Provide Material Safety Data Sheets (MSDS) for all products which may produce unpleasant or noxious odors. CONTRACTOR shall provide for adequate venting if needed.

1.06 OPTIONS

- A. Products Specified by Reference Standards or by Description Only: Use any product meeting those standards.
- B. Products Specified by Naming One or More Manufacturers with a Provision for Substitutions by meeting product description: Submit a request for substitution for any manufacturer not specifically named that meets the product description specifications.
- C. Products Specified by Naming One or More Manufacturers followed by the term "No Substitutions": Use only specified manufacturers, no substitutions allowed.

1.07 PRODUCTS LIST

- A. Within 7 days after date of Notice to Proceed, transmit four copies of a list of products, which are proposed for installation, including name of manufacturer.
- B. Tabulate products by Specifications section number, title, and Article number
- C. For products specified only by reference standards, give manufacturer, trade name, model or catalog designation, and reference standards.
- D. DEPARTMENT will reply in writing within five days stating whether there is reasonable objection to listed items. Failure to object to a listed item shall not constitute a waiver of requirements of Contract Documents.

1.08 SUBSTITUTIONS

- A. SUBSTITUTION SUBMITTAL PERIOD
 - 1. Product substitution requests will be considered only within 7 days after date established in Notice to Proceed. Subsequent requests will be considered only in case of product unavailability or other conditions beyond control of CONTRACTOR. (Submit on Substitution Request Form "B")
- B. LIMITATIONS ON SUBSTITUTIONS
 - 1. **Only one request for substitution will be considered for each product** from each Prime Bidder/CONTRACTOR. When substitution is not accepted, Prime Bidder/CONTRACTOR shall provide specified product.
 - 2. Substitutions will not be considered when indicated on Shop Drawings or product data submittals.
 - 3. Substitute products shall not be ordered or installed without written acceptance.
 - 4. DEPARTMENT will determine acceptability of substitutions.
- C. REQUESTS FOR SUBSTITUTIONS
 - 1. Submit separate request for each substitution. Document each request with

complete data substantiating compliance of proposed substitution with requirements of Contract Documents.

2. Identify product by Specification section and Article numbers. Provide manufacturer's name and address, trade name of product, and model or catalog number. List fabricators and Suppliers as appropriate.
3. Attach product data as specified in Section 01340.
4. List similar projects using product, dates of installation, and names of design Consultant(s) and owner.
5. Give itemized comparison of proposed substitution with specified product, listing variations, and reference to Specification sections and Article numbers.
6. Give quality and performance comparison between proposed substitution and the specified product.
7. Give cost data comparing proposed substitution with specified product, and amount of net change to Contract Price.
8. List availability of maintenance services and replacement materials.
9. State effect of substitution on construction schedule, and changes required in other Work or products.

D. CONTRACTOR REPRESENTATION

1. Request for substitution constitutes a representation that CONTRACTOR has investigated proposed product and has determined that it is equal to or superior in all respects to specified product.
2. CONTRACTOR will provide same warranty for substitution as for specified product.
3. CONTRACTOR will coordinate installation of accepted substitute, making such changes as may be required for Work to be complete in all respects.
4. CONTRACTOR certifies that cost data presented is complete and includes all related costs under this Contract.
5. CONTRACTOR waives claims for additional costs related to substitution which may later become apparent.

E. SUBMITTAL PROCEDURES

1. Submit five copies of complete request for Substitution Request Form. Request to include complete product information and data, color swatch board, and certification that proposed product meets or exceeds all requirements for the specified product.
2. DEPARTMENT will review CONTRACTOR's requests for substitutions within 5 days of receipt.
3. After receipt of submittal, DEPARTMENT will notify CONTRACTOR, in writing, of decision to accept or reject requested substitution within 5 days.
4. For accepted products, submit Shop Drawings, product data, and samples under provisions of Section 01300.

Sitka Pioneer Home
Bathing Suite Renovations
ANC 24-12C

Section 01600
Material and Equipment

PART 3 EXECUTION

Not Used

END OF SECTION

SECTION 01700
CONTRACT CLOSEOUT

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Closeout Procedures.
- B. Final Cleaning.
- C. Project Record Documents.
- D. Operation and Maintenance Data.
- E. Warranties.
- F. Spare Parts and Maintenance Materials.
- G. Maintenance Service.

1.02 RELATED REQUIREMENTS

- A. Document 00700 - General Conditions: Fiscal provisions, legal submittals, and other administrative requirements.
- B. Section 01010 - Summary of Work: Using Agency Occupancy.
- C. Section 01400 – Quality Control: Departmental Inspection Services.
- D. Section 01500 - Construction Facilities and Temporary Controls: Cleaning during construction.

1.03 CLOSEOUT PROCEDURES

- A. Substantial Completion and Final Completion:
 - 1. Substantial Completion:
 - a. Submit the following prior to requesting a Substantial Completion Inspection:
 - 1. Evidence of Compliance with Requirements of Governing Authorities:
 - I. Certificate of Occupancy.
 - II. Required Certificates of Inspection.
 - 2. Project Record Documents in accordance with sub section 1700-1.05
 - 3. Operation and Maintenance Data in accordance with sub section 1700-1.06
 - 4. Spare Parts and Maintenance Materials in accordance with sub section 1700-1.08
 - b. Substantial Completion shall be considered by the DEPARTMENT when:
 - 1. Written notice is provided 7 days in advance of inspection date.
 - 2. List of items to be completed or corrected is submitted.
 - 3. Operation and Maintenance Manuals are submitted and approved by the DEPARTMENT.
 - 4. Equipment and systems have been tested, adjusted, balanced and are fully operational.
 - 5. Automated and manual controls are fully operational.
 - 6. Operation of system has been demonstrated to DEPARTMENT

Personnel.

7. Certificate of Occupancy is submitted.
 8. Certificates of Inspection for required inspections have been submitted.
 9. Project Record Documents for the Work or the portion of the Work being accepted are submitted and approved.
 10. Spare parts and maintenance materials are turned over to DEPARTMENT.
 11. All keys are turned over to the DEPARTMENT.
- c. Should the DEPARTMENT inspection find Work is not substantially complete, the Department will promptly notify CONTRACTOR in writing, listing observed deficiencies.
 - d. The CONTRACTOR shall remedy deficiencies and send a second written notice of Substantial Completion.
 - e. When the DEPARTMENT finds Work is substantially complete the DEPARTMENT will prepare a certificate of Substantial Completion in accordance with provisions of General Conditions

B. FINAL COMPLETION:

1. When CONTRACTOR considers Work is complete, submit written certification that:
 - a. Contract Documents have been reviewed.
 - b. Work has been inspected for compliance with Contract Documents.
 - c. Work has been completed in accordance with Contract Documents, and deficiencies listed with certificate of Substantial Completion have been corrected.
 - d. Work is complete and ready for final inspection.
2. Should the DEPARTMENT inspection find Work incomplete, DEPARTMENT will promptly notify CONTRACTOR in writing listing observed deficiencies.
3. CONTRACTOR shall remedy deficiencies and send a second certification of Final Completion.
4. When DEPARTMENT finds Work is complete, DEPARTMENT will consider closeout submittals.

C. REINSPECTION FEES

1. Should status of completion of Work require more than two re-inspections by the DEPARTMENT due to failure of Work to comply with CONTRACTOR's responsibility, the DEPARTMENT will deduct the cost of re-inspection from final payment to CONTRACTOR as provided in the Contract Documents.
2. Re-inspection fees shall not exceed \$5,000 for any one re-inspection.

D. CLOSEOUT SUBMITTALS

1. Warranties and Bonds: Under provisions of Section 01700.
2. Evidence of Payment: In accordance with Conditions of the Contract.
3. Consent of Surety to Final Payment.
4. Certificates of Insurance for Products and Completed Operations: In accordance with Supplementary Conditions.

5. Certificate of Release.

E. APPLICATION FOR FINAL PAYMENT

1. Submit application for final payment in accordance with provisions of the General Conditions of the Contract.
- F. Using Agency will occupy Concourse A for the purpose of conduct of business, under provision stated in certificate of Substantial Completion.
- G. DEPARTMENT will issue a summary Change Order reflecting final adjustments to Contract Price not previously made by Change Order.

1.04 FINAL CLEANING

- A. Execute final cleaning prior to Substantial Completion inspection.
- B. Clean interior and exterior surfaces exposed to view; remove temporary labels, stains and foreign substances, polish transparent and glossy surfaces, vacuum carpeted and soft surfaces. Clean equipment and fixtures to a sanitary condition, clean or replace filters of mechanical equipment. Clean roofs, gutters, downspouts, and drainage systems.
- C. Clean site; sweep paved areas, rake clean other surfaces.
- D. Use materials which will not create hazards to health or property, and which will not damage surfaces. Follow manufacturers recommendations.
- E. Maintain cleaning until the DEPARTMENT issues certificate of substantial Completion.
- F. Remove waste, debris, and surplus materials from the site. Clean grounds; remove stains, spills, and foreign substances from paved areas and sweep clean. Rake clean other exterior surfaces.

1.05 PROJECT RECORD DOCUMENTS

- A. Maintain on site, one set of the following Record Documents; record actual revisions to the Work:
 1. Drawings.
 2. Specifications.
 3. Addenda.
 4. Change Orders and other modifications to the Contract.
 5. Reviewed shop drawings, product data, and samples.
 6. Manufacturers instructions for assembly, installation, and adjusting.
- B. Ensure entries are complete and accurate, enabling future reference by DEPARTMENT.
- C. Store Record Documents separate from documents used for construction.
- D. Record information concurrent with construction progress.
- E. SPECIFICATIONS: Legibly mark and record at each product section description of actual products installed, including the following:
 1. Manufacturer's name and product model and number.
 2. Product substitutions or alternates utilized.
 3. Changes made by Addenda and Modifications.
- F. Record Drawings and Shop Drawings: Legibly mark each item to record actual construction graphically to scale including:
 1. Measured depths of foundations in relation to finish first floor datum.
 2. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.

3. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of the Work.
4. Field changes of dimension and detail.
5. Details not on original Contract drawings.

1.06 OPERATION AND MAINTENANCE INSTRUCTIONS

- A. Submit data bound in 8-1/2 by 11 inch (A4) text pages, 3-D side ring binders with durable plastic covers.
- B. Prepare binder covers with printed title "OPERATION AND MAINTENANCE INSTRUCTIONS", title of project, and subject matter of binder when multiple binders are requested.
- C. Internally subdivide the binder contents with permanent page dividers, logically organized as described below; with the tab titling clearly printed under reinforced laminated plastic tabs.
- D. Contents: Prepare a Table of Contents for each volume, with each product or system description identified, typed on 24 pound white paper, in 3 parts as follows:
 1. Part 1: Directory, listing names, addresses, and telephone numbers of Architect/Engineer, CONTRACTOR, subcontractors, and major equipment suppliers.
 2. Part 2: Operations and maintenance instructions, arranged by system and subdivided by Specification Section. For each category, identify names, addresses, and telephone numbers of subcontractors and suppliers. Identify the following:
 - a. Significant design criteria.
 - b. List of equipment.
 - c. Parts list for each component.
 - d. Operating instructions.
 - e. Maintenance instructions for equipment and systems.
 - f. Maintenance instructions for [special] finishes, including recommended cleaning methods and materials and special precautions identifying detrimental agents.
 3. Part 3: Project Documents and Certificates, including the following:
 - a. Shop drawings and product data.
 - b. Certificates.
 - c. Originals of warranties and bonds.
- E. Submit one draft copy of completed volumes five working days prior to Substantial Completion inspection. This copy will be reviewed and returned, with DEPARTMENT comments. Revise content of all document sets as required prior to final submission.
- F. Submit three sets of revised final volumes within ten days after Substantial Completion Inspection.

- A. As a condition precedent to Final Payment, all guaranties and warranties as specified under various sections of the Contract Documents shall be obtained by the CONTRACTOR and delivered to the OWNER, in duplicate giving a summary of guarantees attached and stating the following in respect to each:
 - 1. Character of Work affected.
 - 2. Name of Subcontractors.
 - 3. Period of Guarantee.
 - 4. Conditions of Guarantee.
- B. Delivery of said guarantees and/or warranties shall not relieve the CONTRACTOR from any obligations assumed under any other provision of the Contract.
- C. If, within any guarantee period, repairs or changes are required in connection with the guaranteed Work, which in the opinion of the OWNER is rendered necessary as the result of the use of materials, equipment or workmanship, which are defective, or inferior, or not in accordance with the terms of the Contract, the CONTRACTOR shall, upon receipt of notice from the OWNER, and without expense to the OWNER, proceed within seven (7) calendar days to:
 - 1. Place in satisfactory conditions in every particular all of such guaranteed Work, correct all defects therein, and make good all damages to the structure or site.
 - 2. Make good all Work or materials, or the equipment and contents of structures or site disturbed in fulfilling any such guarantee.
- D. If the CONTRACTOR, after notice, fails to comply without the terms of the guarantee, the OWNER may have the defects corrected and the CONTRACTOR and CONTRACTOR's Surety shall be liable for all expenses incurred in connection therewith, including Engineer's fees.

1.08 SPARE PARTS AND MAINTENANCE MATERIALS

- A. Provide products, spare parts, maintenance and extra materials in quantities specified in individual Specification Sections.
- B. Deliver to project site and place in location as directed, obtain receipt prior to final payment.

PART 2 PRODUCTS Not Used

PART 3 EXECUTION Not Used

END OF SECTION



SITKA PIONEER HOME BATHROOM ACCESSIBILITY

95% REVIEW - MAY 19, 2022

ARCHITECT OF RECORD

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DOUG MURRAY, M.E.
BEN HAIGHT, E.E.

HAZARDOUS MATERIALS

DAHLBERG DESIGN
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(907) 723-8896
SIGRID DAHLBERG, P.E.

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.

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HAZMAT

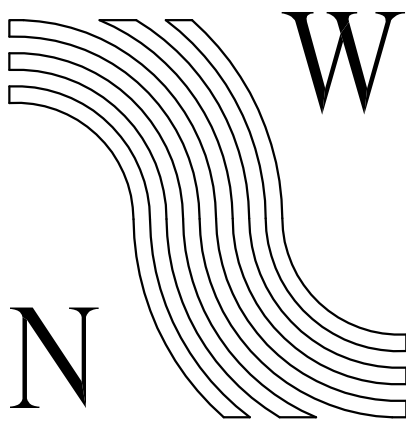
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SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
STATE OF ALASKA - JNU 16-14C
SITKA, ALASKA

SHEET TITLE:

PROJECT NOTES,
SCOPE SUMMARY
INDEX

DATE: JUNE 7, 2022

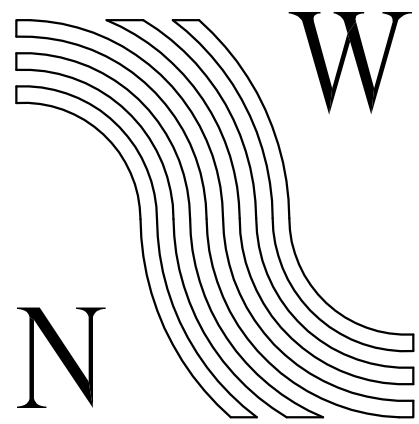
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SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
STATE OF ALASKA - JNU 16-14C
SITKA, ALASKA

SHEET TITLE:

SITE PLAN

DATE: JUNE 7, 2022

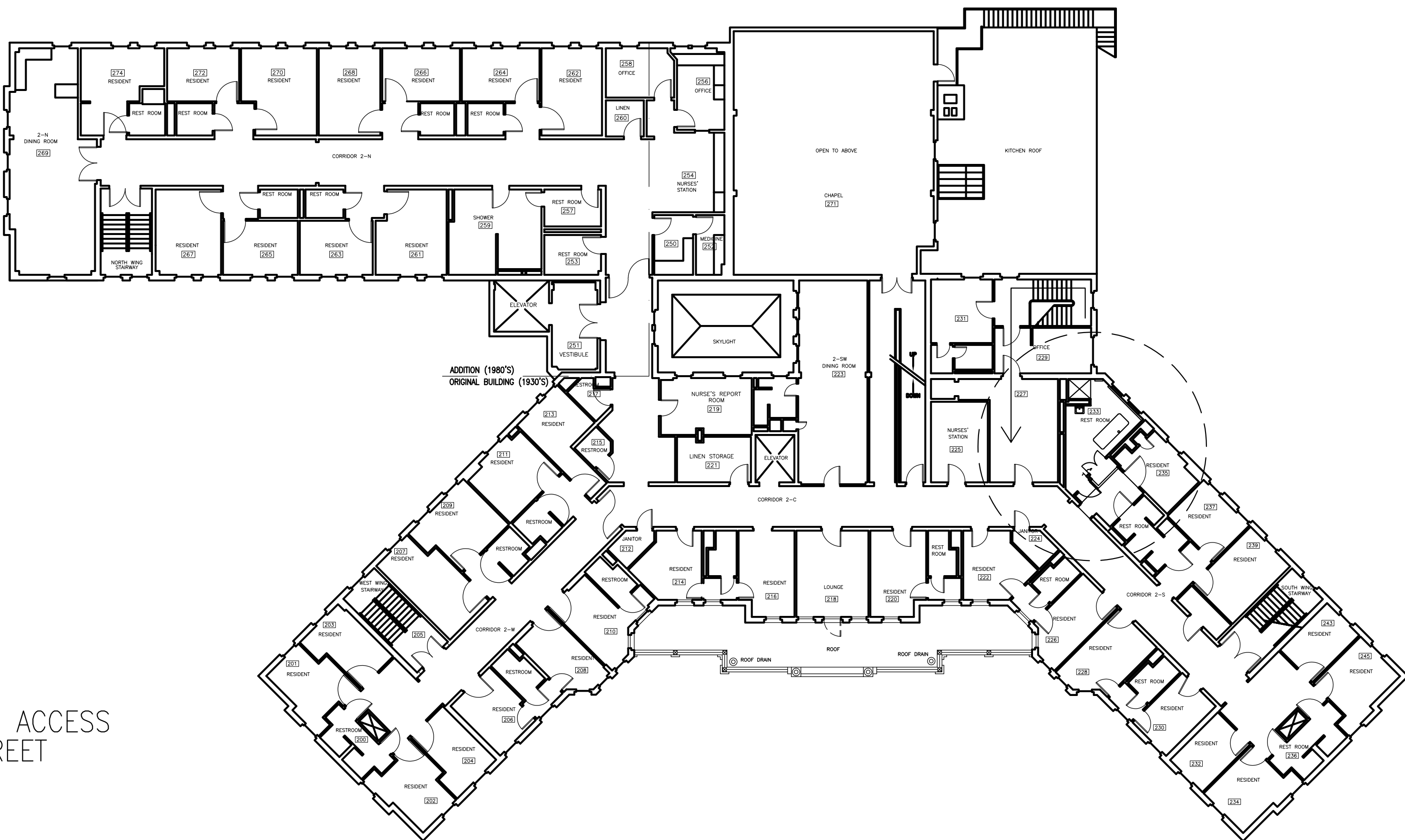
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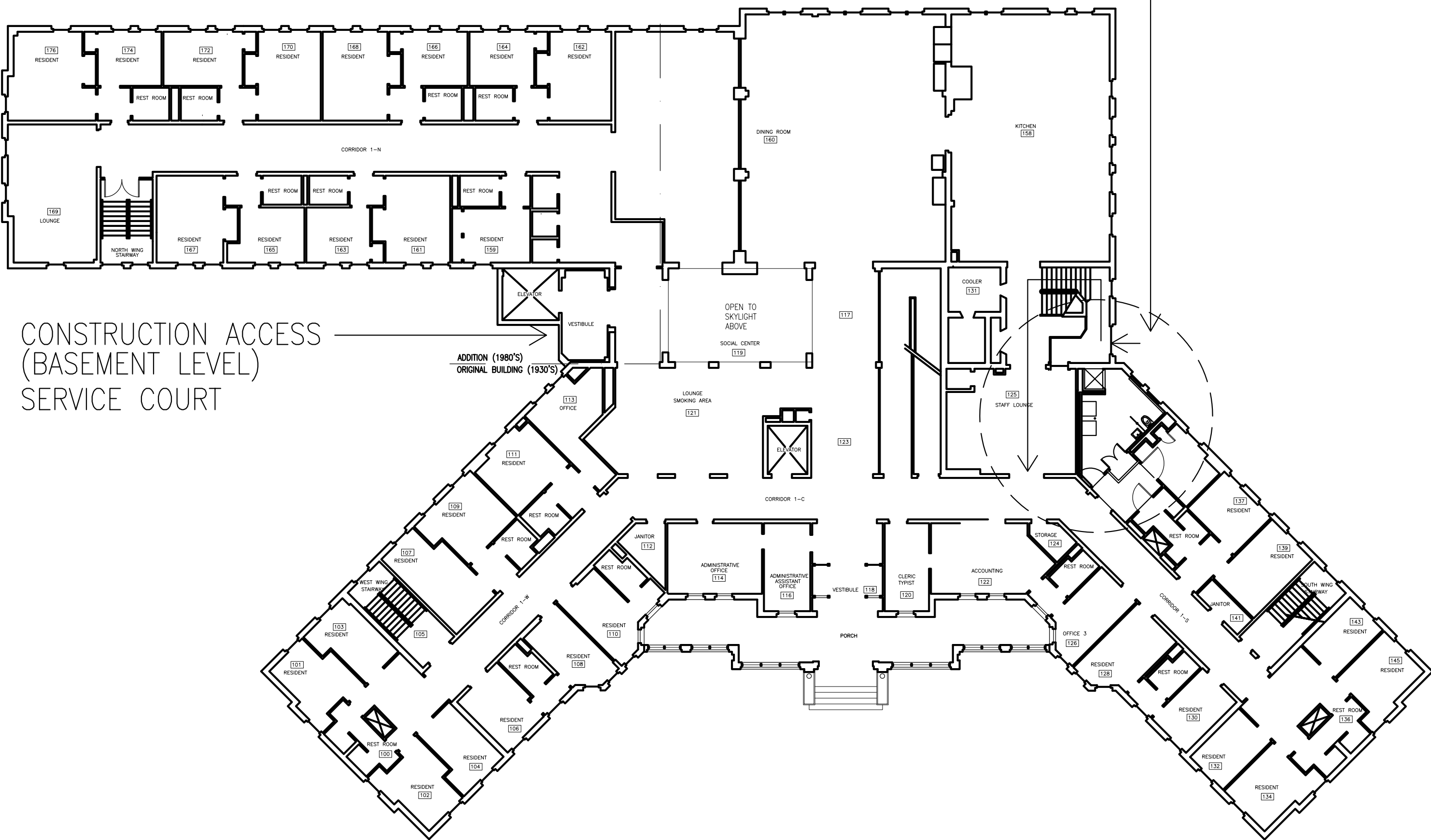


2 OVERALL PLAN - FLOOR 2
1/16" = 1'-0"

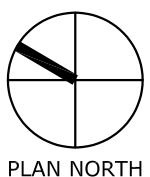
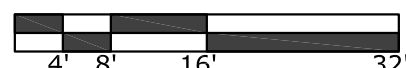


PLAN NORTH

CONSTRUCTION ACCESS
BARRACKS STREET



1 OVERALL PLAN - FLOOR 1
1/16" = 1'-0"



PLAN NORTH

CONSTRUCTION ACCESS
(BASEMENT LEVEL)
SERVICE COURT

CONSTRUCTION ACCESS NOTES

1. WORK AREA IDENTIFIED IN THE ADJACENT BUILDING PLANS FOR REFERENCE. STAGE THE WORK FROM BARRACKS STREET STREET TO THE NORTHEAST OF THE BUILDING, AND FROM THE SERVICE COURT TO THE NORTHWEST. COORDINATE WORK ACCESS PATHS AND TIMING WITH THE FACILITY PERSONNEL. THE SITKA PIONEER HOME WILL BE OCCUPIED AND OPERATIONAL FOR THE DURATION OF CONSTRUCTION.
2. CONSTRUCTION ACCESS WILL BE THROUGH THE BASEMENT LEVEL, AND UP STAIRS TO LEVELS 1 AND 2 CLOSE TO WORK AREA.
3. PROVIDE FINISH PROTECTIONS AS REQUIRE TO PROTECT EXISTING FINISHES, DOORS AND SURFACES OUTSIDE THE SCOPE OF THE WORK. REMOVE ALL PROTECTIONS WITH COMPLETION OF CONSTRUCTION, REPLACE DAMAGED FINISHES TO PRE-CONSTRUCTION CONDITION.
4. DO NOT BLOCK EMERGENCY ACCESS AND EGRESS DURING CONSTRUCTION.

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 CABINETRY: 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 EGGSHELL 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.

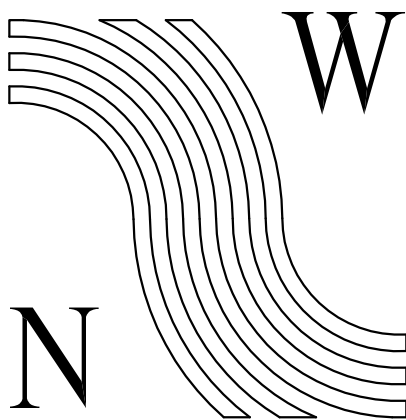
DIVISION 12 – FURNISHINGS

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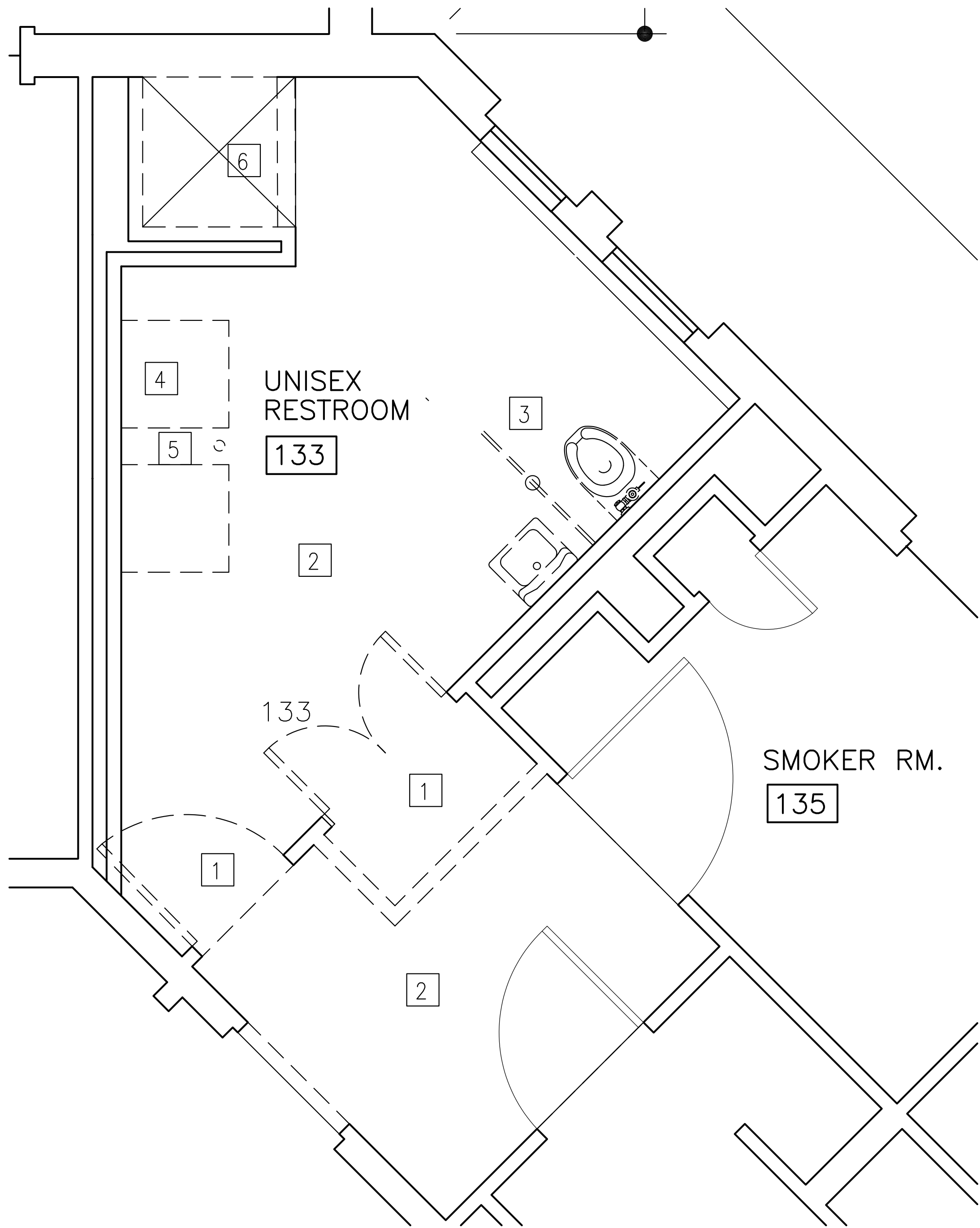
SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
STATE OF ALASKA – JNU 16–14C
SITKA, ALASKA

SHEET TITLE:
ARCHITECTURAL
SPECIFICATION

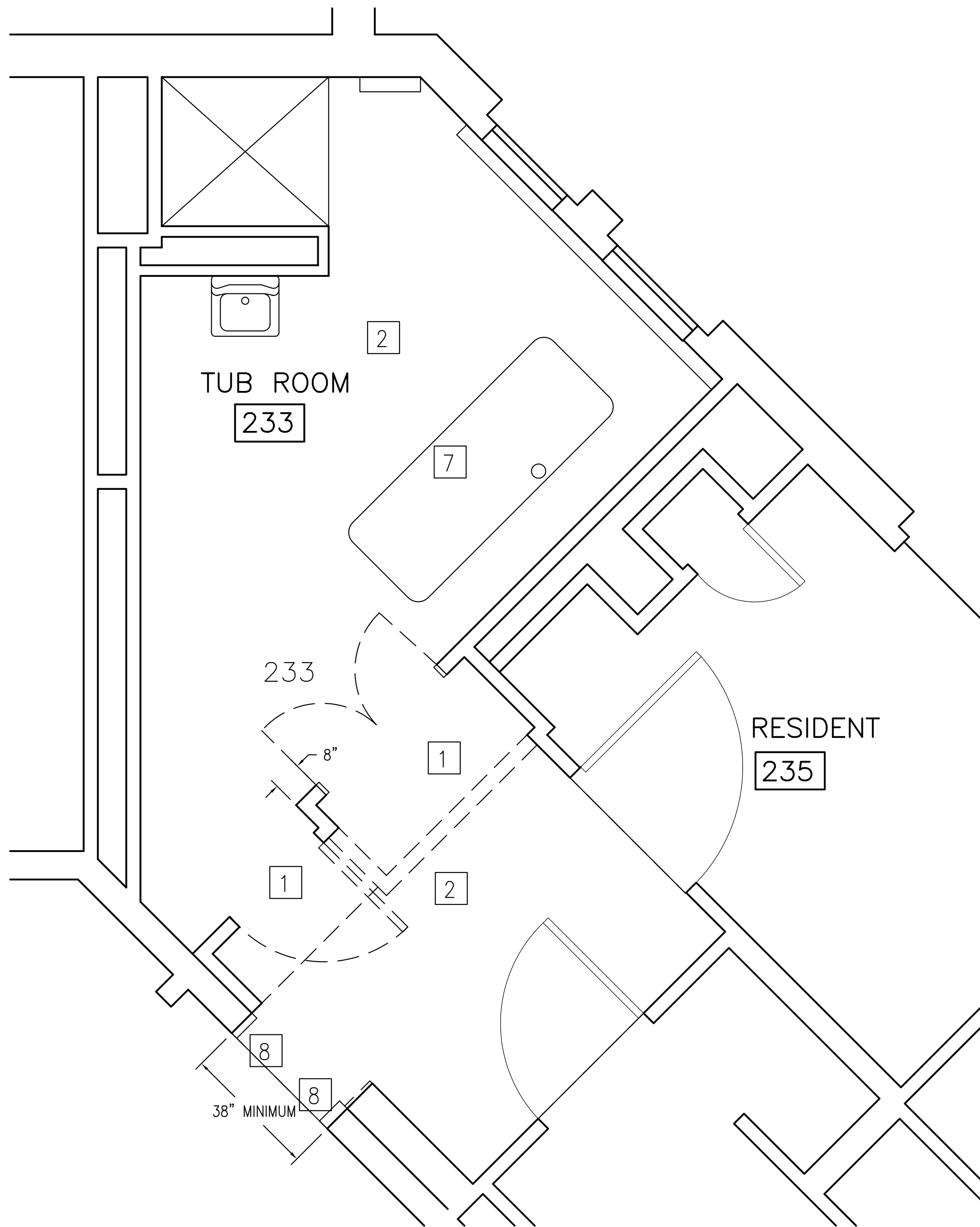
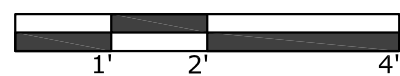
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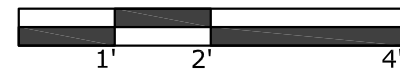
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1 DEMOLITION FLOOR PLAN - FLOOR 1, ROOM 133
1/2" = 1'-0"

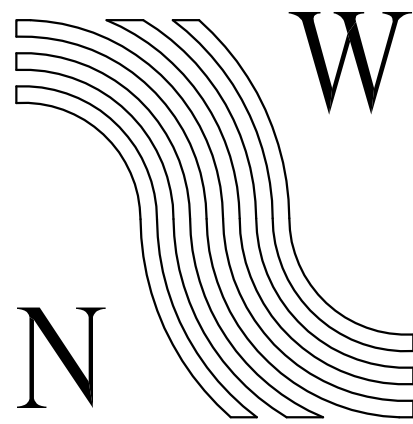


2 DEMOLITION FLOOR PLAN - FLOOR 2, ROOM 233
1/2" = 1'-0"



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.



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

SHEET TITLE:

DEMOLITION
FLOOR PLAN

DATE: JUNE 7, 2022

REVISION: X

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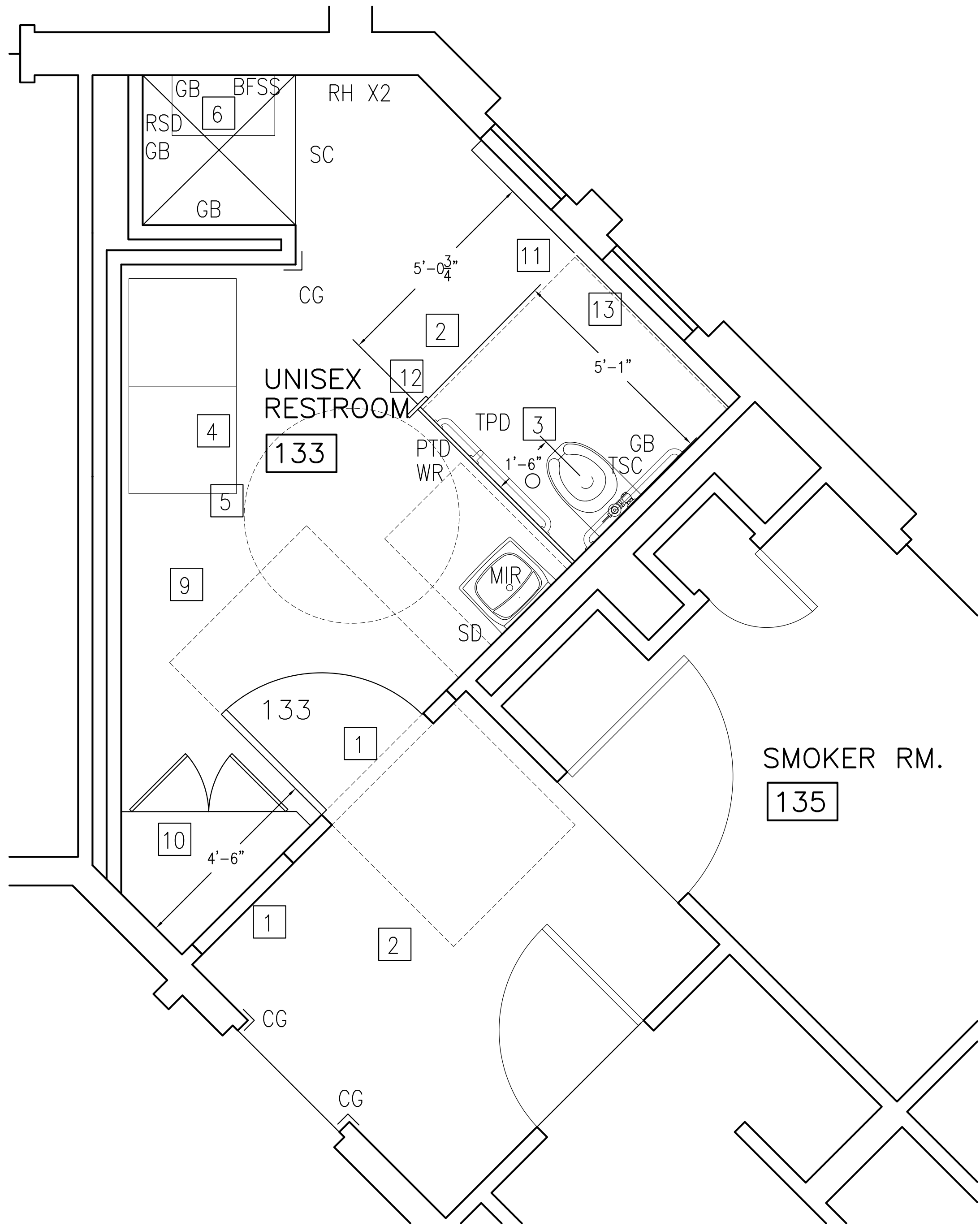
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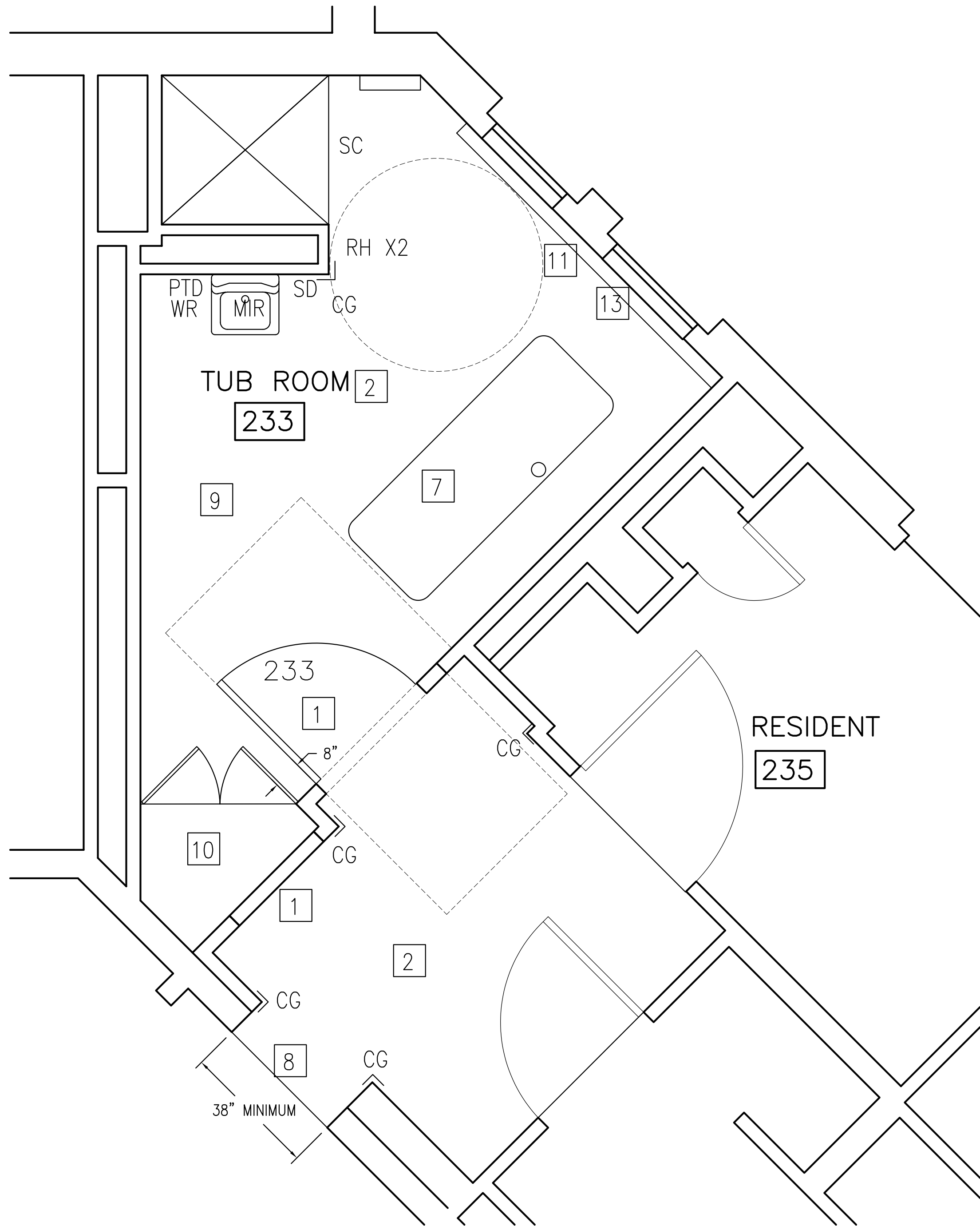
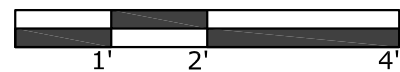
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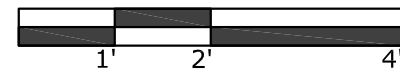
PLAN NORTH



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

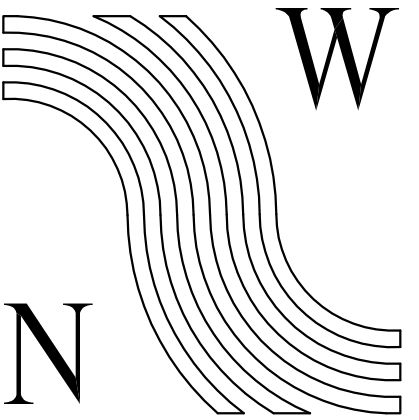


② FLOOR PLAN - FLOOR 2, ROOM 233
1/2" = 1'-0"



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
REVISION: X
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DRAWN: SB

SHEET #

A2.0



PLAN NORTH

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:

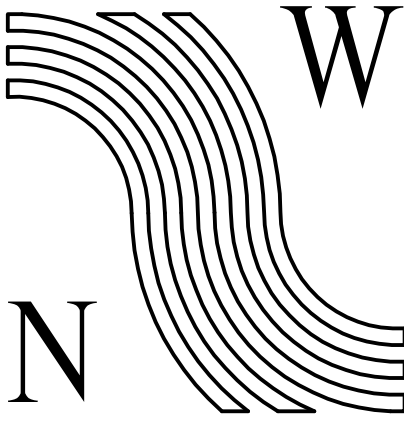
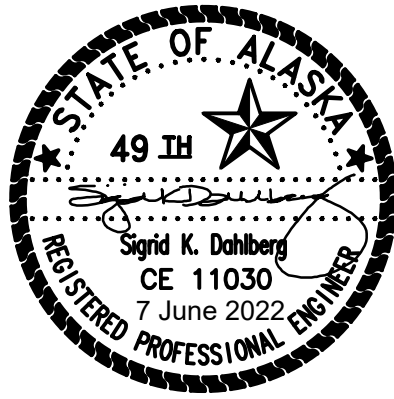
AFTER ALL LEAD WORK ACTIVITIES ARE COMPLETE, THE ABATEMENT CONTRACTOR AND THE OWNERS REPRESENTATIVE SHALL PERFORM A DETAILED VISUAL INSPECTION OF THE WORK AREA FOR ANY VISIBLE LEAD DUST RESIDUAL. IF ANY IS FOUND, A COMPLETE CLEANING OF THE AREA SHALL BE PERFORMED, AND THE AREA SHALL BE RE-INSPECTED.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

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 SUBCONTRACTOR'S 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.

- 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.

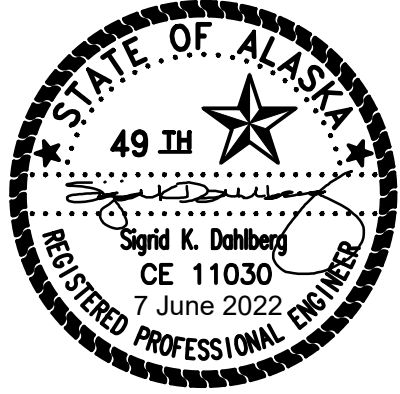
- THE RESULTS OF INITIAL EXPOSURE MONITORING OF THE CURRENT JOB MADE FROM BREATHING ZONE AIR SAMPLES THAT ARE REPRESENTATIVE OF THE 8-HOUR TWA AND 30 MINUTE SHORT-TERM EXPOSURES OF EACH EMPLOYEE COVERING OPERATIONS THAT ARE MOST LIKELY DURING THE PERFORMANCE OF THE ENTIRE ASBESTOS JOB TO RESULT IN EXPOSURES 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 ENOCLOSURE. 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.

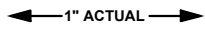
- PERSONAL MONITORING: SAMPLING FOR ASBESTOS FIBER CONCENTRATIONS AT THE BREATHING ZONE OF A WORKER, USED TO DOCUMENT INDIVIDUAL EXPOSURES, AND, IN CONJUNCTION WITH THE WORK AREA SAMPLING, TO DETERMINE THE REQUIRED DEGREE OF PERSONAL AND RESPIRATORY PROTECTION. A MINIMUM OF TWO SAMPLES SHALL BE COLLECTED 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

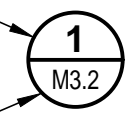
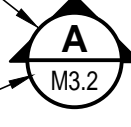




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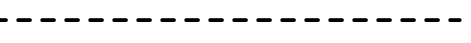
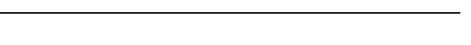

SHEET #

HAZ 1.2

GENERAL

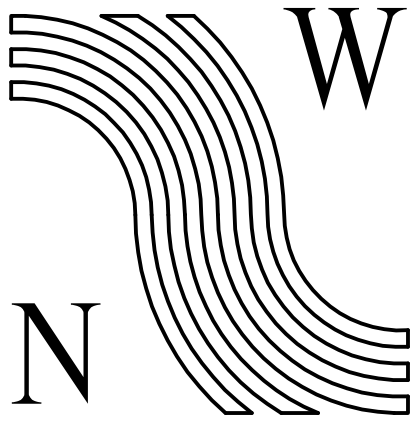
DETAIL SYMBOL	DETAIL IDENTIFICATION	
	DRAWING ON WHICH DETAIL IS SHOWN	
SECTION SYMBOL	SECTION IDENTIFICATION	
	DRAWING ON WHICH SECTION IS SHOWN	
ROOM NAME AND NUMBER DESIGNATION		CORRIDOR
		
SHEET NOTE REFERENCE		
		3.
GENERAL SHEET NOTE		
PLUMBING FIXTURE DESIGNATION, SEE FIXTURE CONNECTION SCHEDULE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



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← 1" ACTUAL →

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

SHEET TITLE:
LEGENDS AND ABBREVIATIONS

DATE:	JUNE 7, 2022
REVISION:	XX
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SHEET #
MO.1

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 @1955SSCT 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 ANDFLANGE, LEVER DIVERTER WITH INTEGRASL 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" ACTUAL →

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SITKA PIONEER HOME

BATHROOM ACCESSIBILITY

STATE OF ALASKA - JNU 16-14C

SITKA, ALASKA

SHEET TITLE:
SCHEDULES AND SPECIFICATIONS

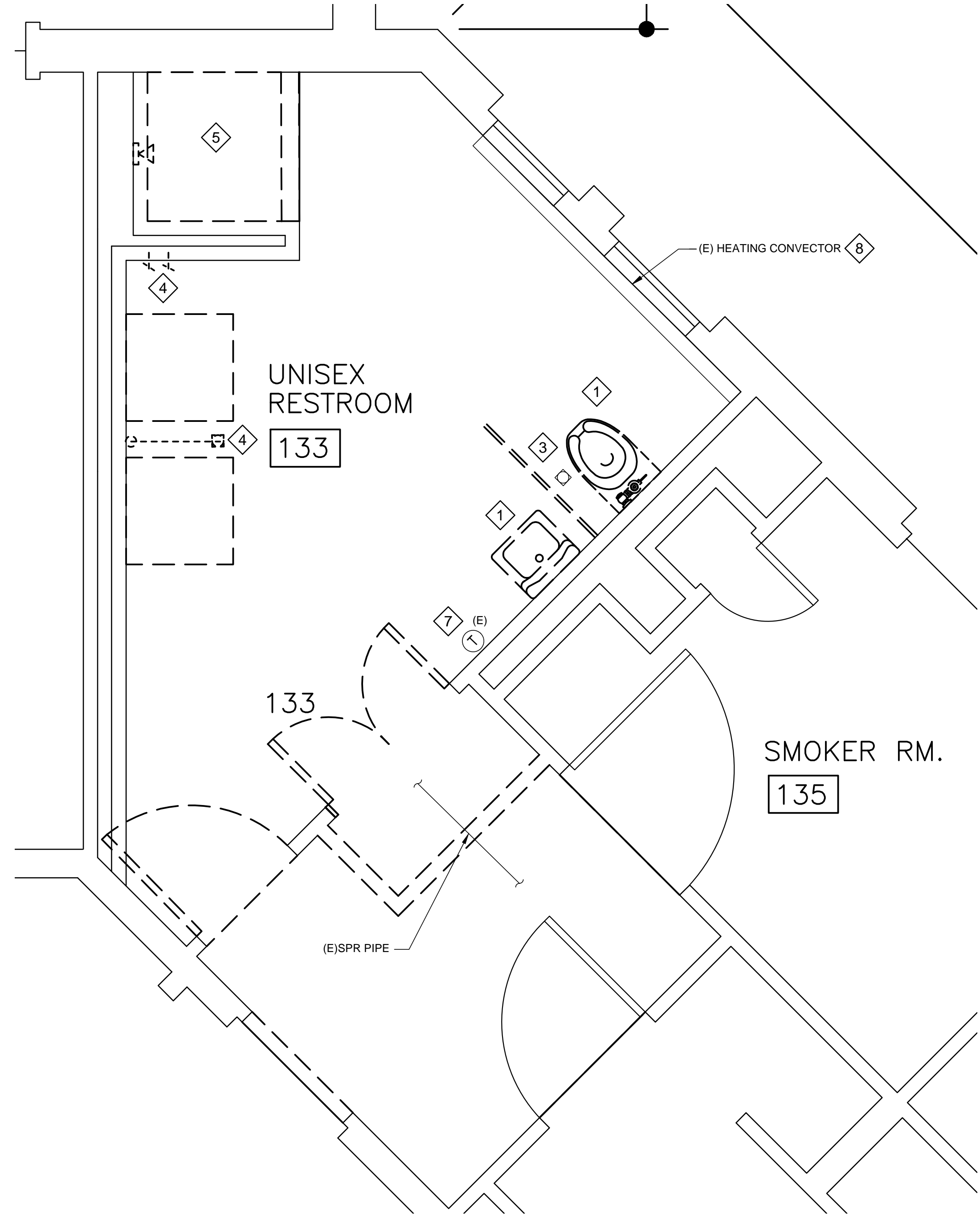
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REVISION: XX

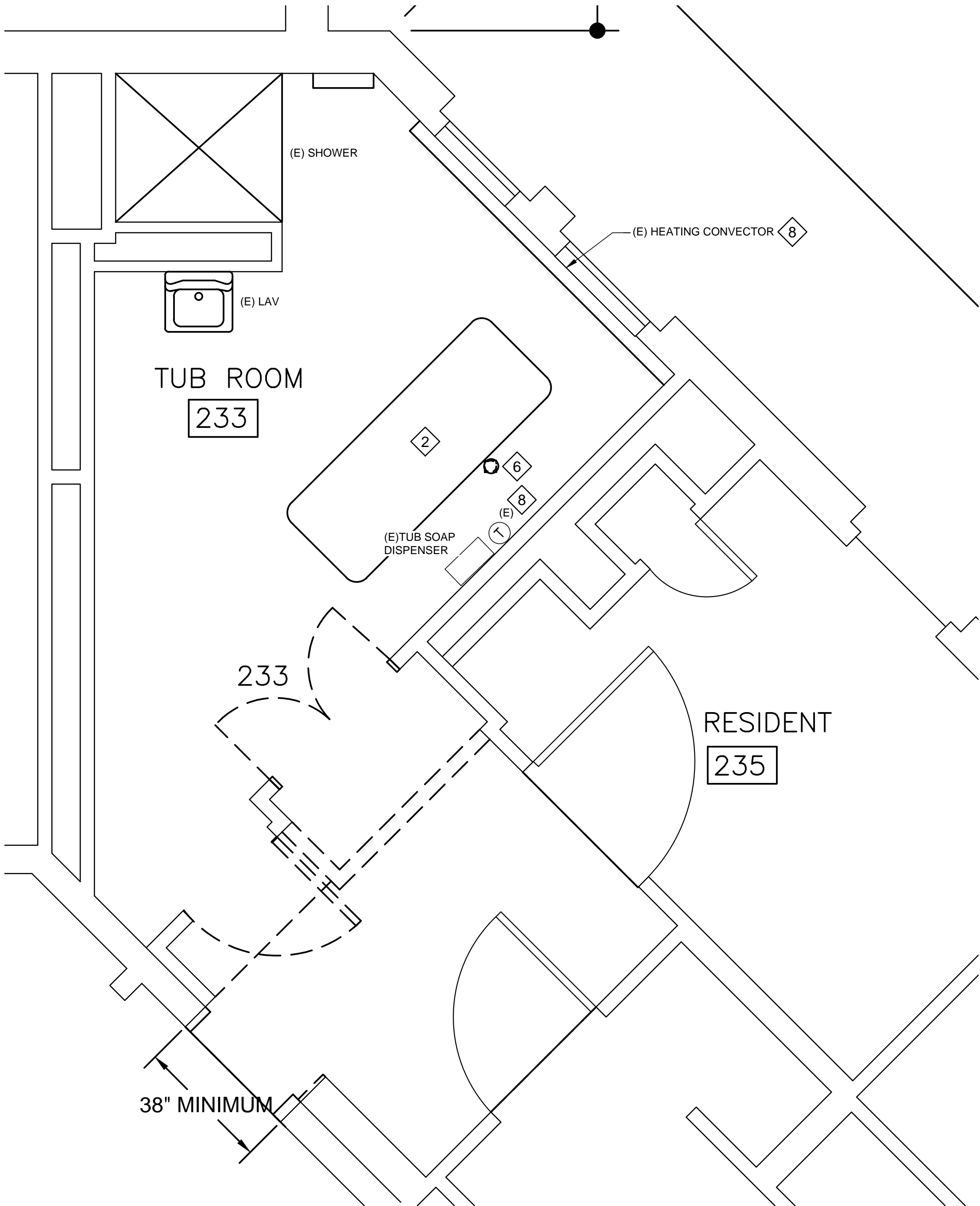
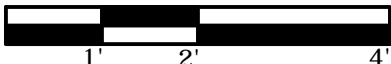
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SHEET #
MO.2



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.



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1" ACTUAL

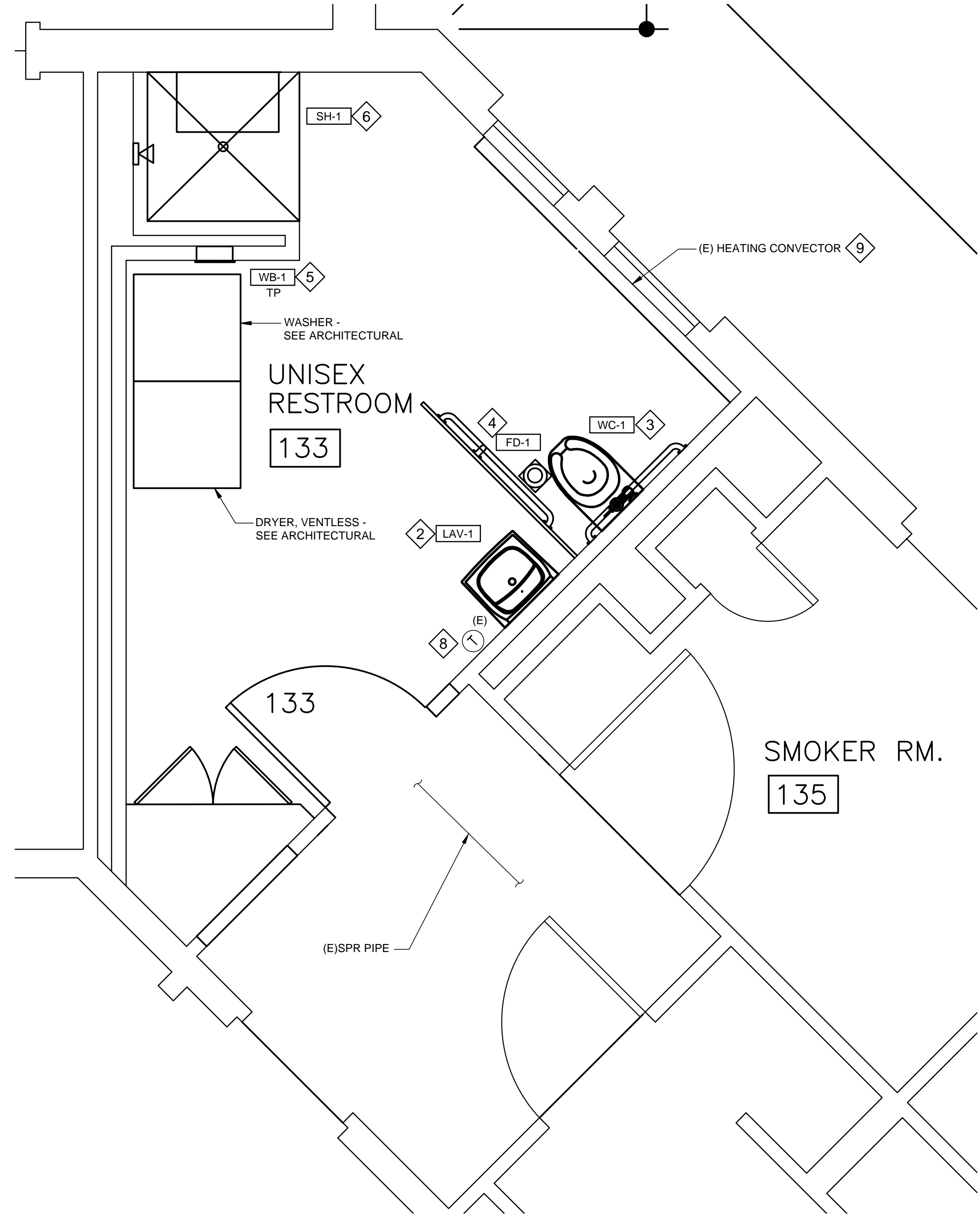
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SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
STATE OF ALASKA - JNU 16-14C
SITKA, ALASKA

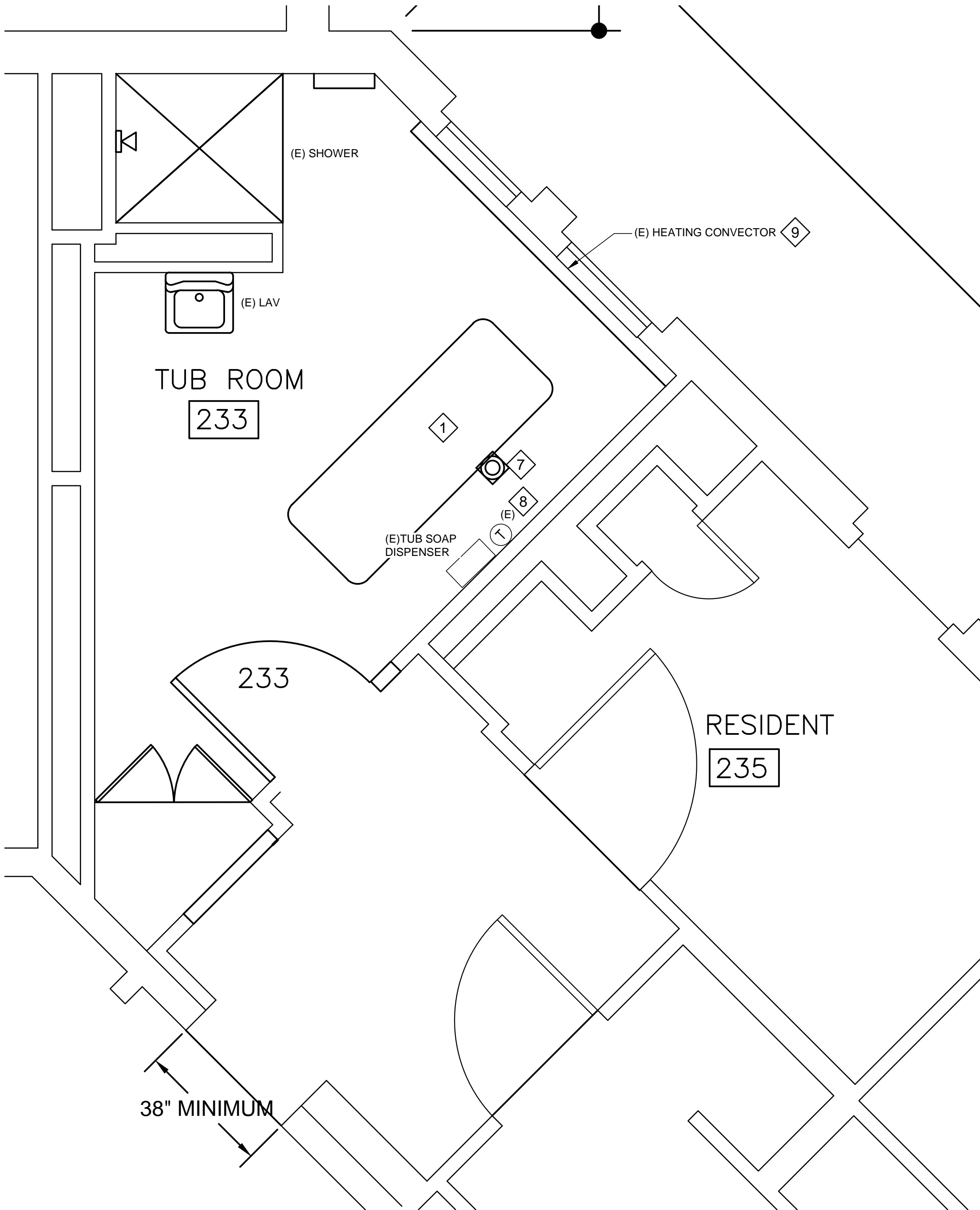
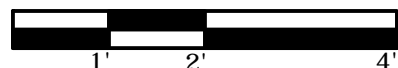
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DEMOLITION
FLOOR PLANS

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

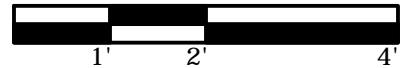
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① FLOOR PLAN - FLOOR 1, ROOM 133
1/2" = 1'-0"



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



SHEET NOTES

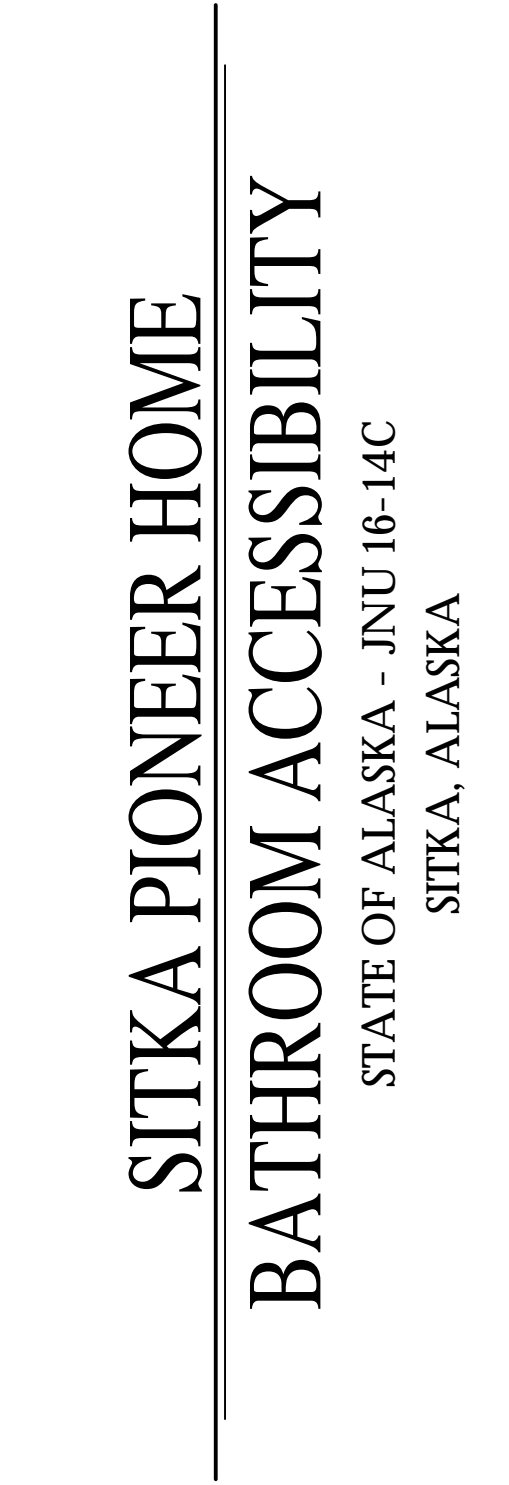
1. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE (2018 EDITION AS AMENDED) AND PER ACCEPTED INDUSTRY PRACTICES AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. THE CONTRACTOR SHALL PROTECT FROM DAMAGE, REMOVE, CLEAN, AND SECURELY STORE PLUMBING FIXTURES NOTED TO BE 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.



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



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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

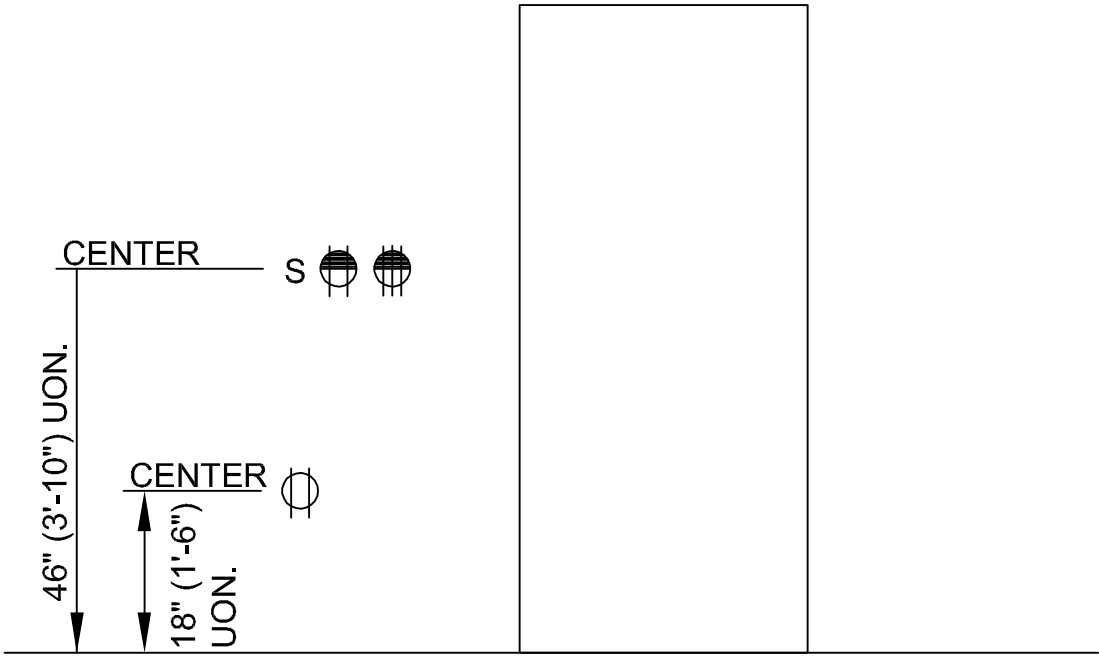
CONDUIT & CONDUCTORS:

— 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:

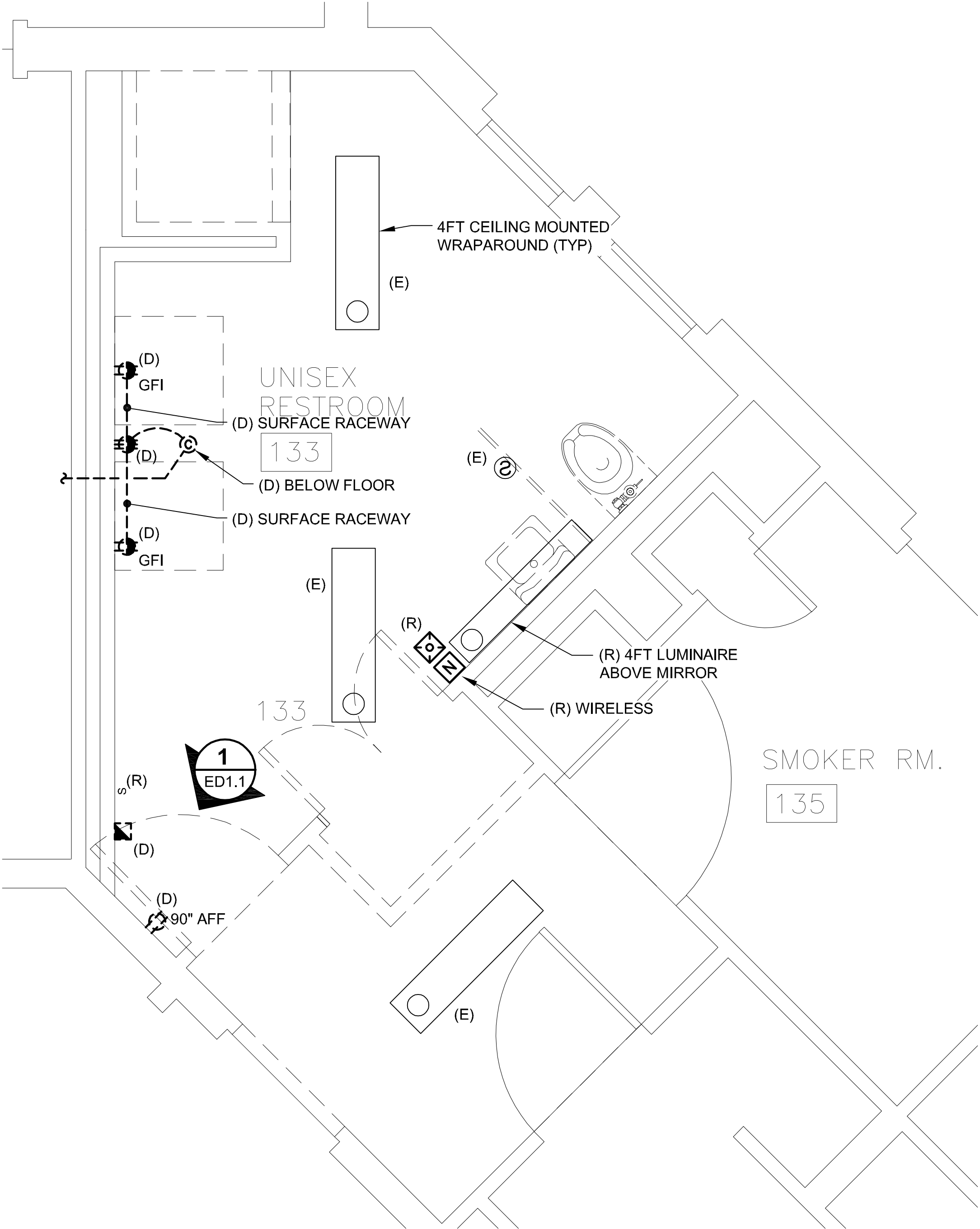
Ⓝ NURSE CALL STATION



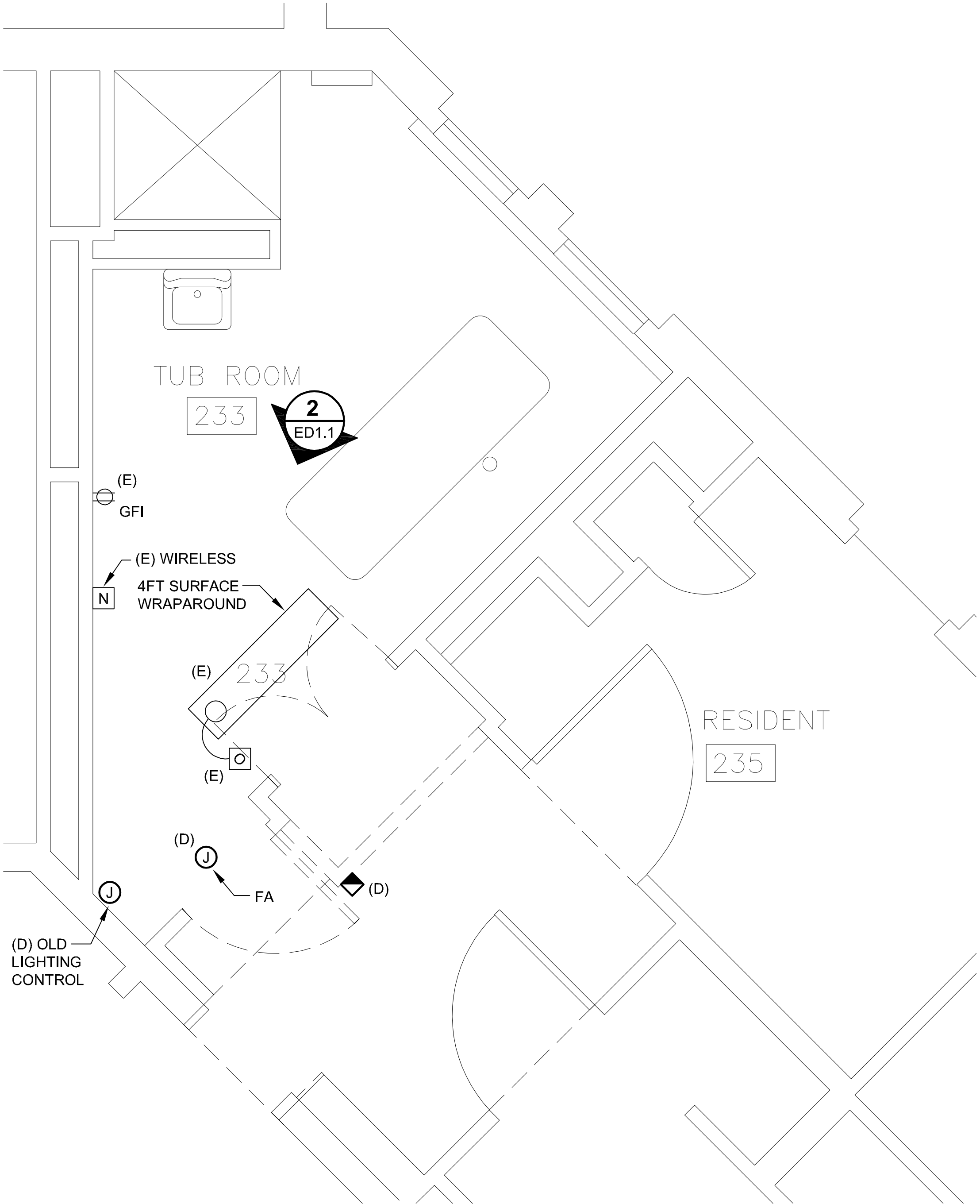
TYPICAL DEVICE MOUNTING HEIGHTS
NO SCALE

NOTES:

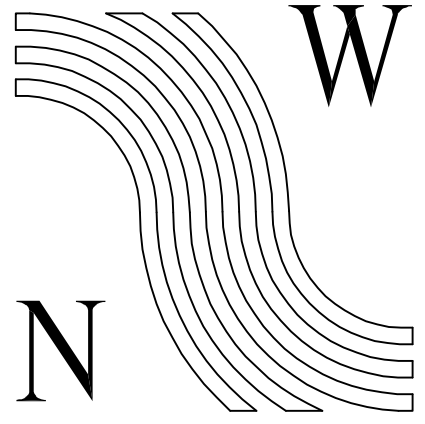
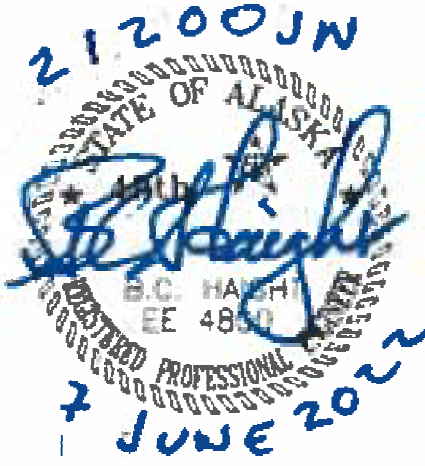
- HEIGHTS SHOWN ARE TYPICAL TO CENTERLINE OF BOX UNLESS OTHERWISE NOTED.
- COORDINATE DEVICE LOCATIONS WITH ARCHITECT.



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



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



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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 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 →

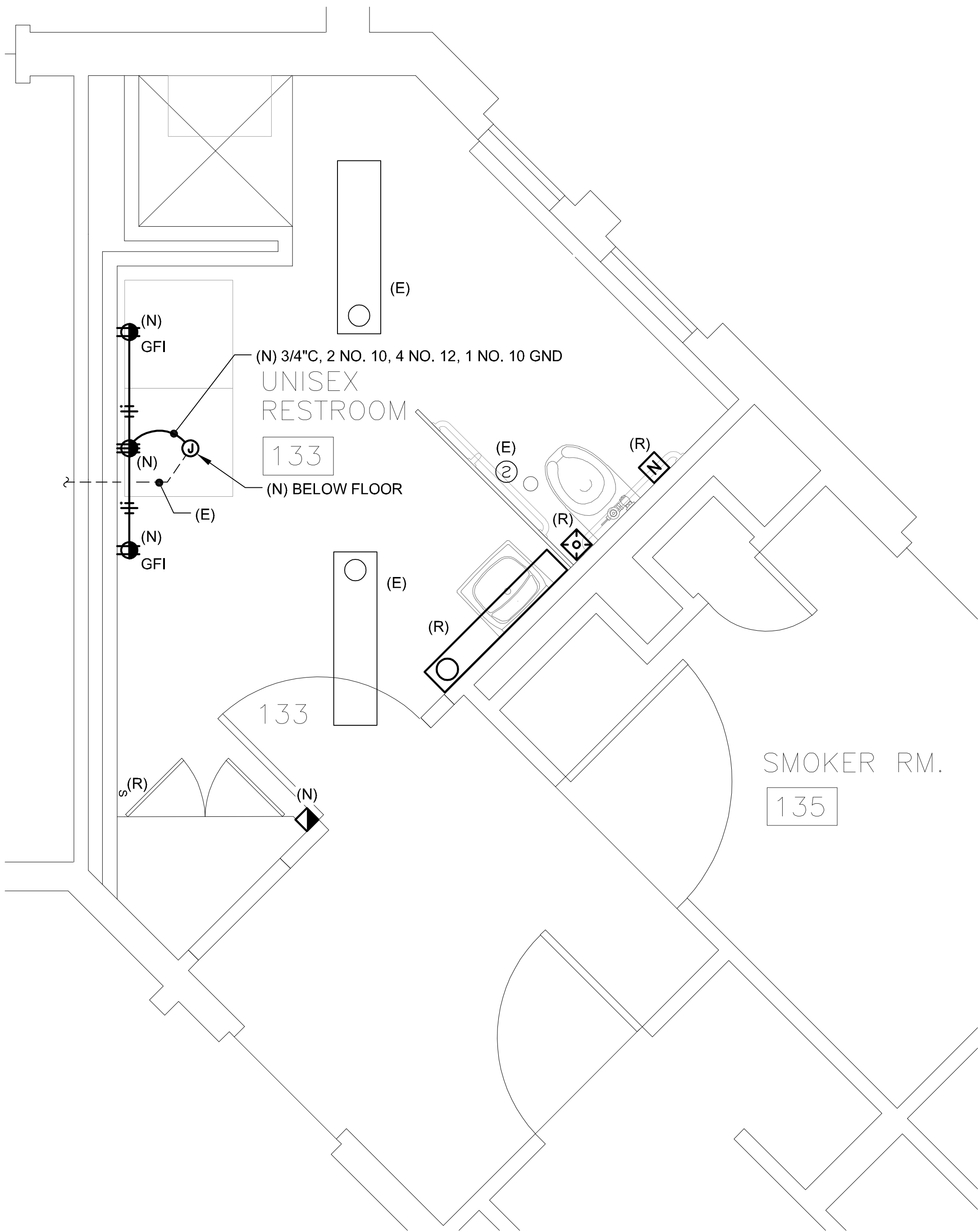
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SITKA PIONEER HOME
BATHROOM ACCESSIBILITY
STATE OF ALASKA - JNU 16-14C
SITKA, ALASKA

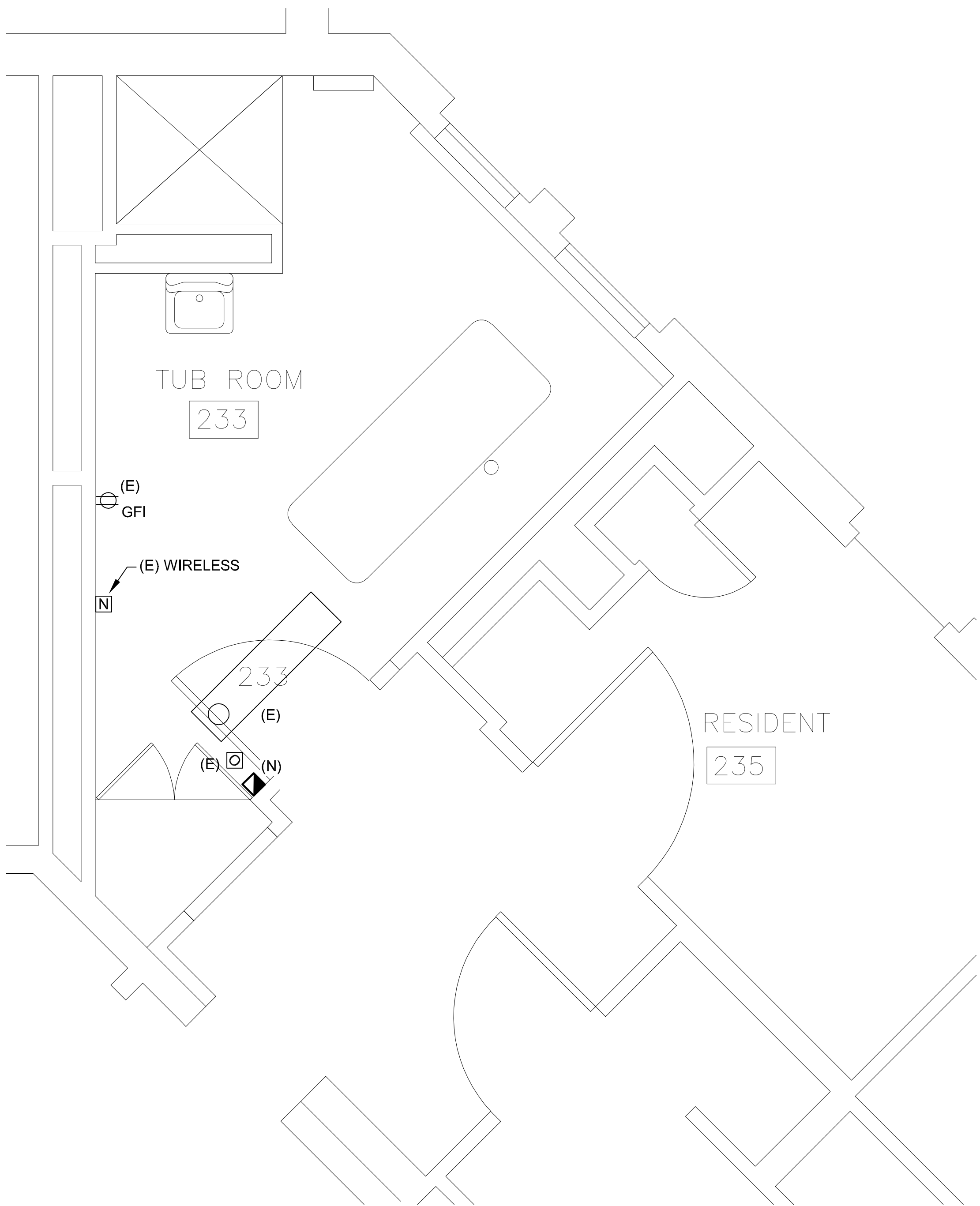
SHEET TITLE:
PHOTOS

DATE: JUNE 7, 2022
REVISION: XX
CHECKED BY: KHD
DRAWN: REJ

SHEET #
ED1.1



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. 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" 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
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GENERAL

- 1.1DEFINITIONS
- a. EMT: Electrical metallic tubing.

b. GFCI: Ground-fault circuit interrupter.
- 1.2QUALITY 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.
- 1.3FIELD 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.
- 1.4REFINISHING 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.
- 1.5CLEANING 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

- 1.1SUPPORTING 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.
- 1.2IDENTIFICATION
- 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
- 1.3DEMOLITION
- 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.
- 1.4CUTTING 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.
- 1.5TOUCHUP PAINT
- a. For Equipment: Equipment manufacturer's paint selected to match installed equipment finish.

GROUNDING

- 1.1GROUNDING CONDUCTORS
- a. Material: Copper, only.

b. Equipment Grounding Conductors: Insulated with green-colored insulation.
- 1.2CONNECTOR PRODUCTS
- a. Comply with IEEE 837 and UL 467; listed for use for specific types, sizes, and combinations of conductors and connected items.
- 1.3INSTALLATION
- a. In raceways, use insulated equipment grounding conductors.
- CONDUCTORS AND CABLES
- 1.1CONDUCTOR AND CABLE MATERIAL
- a. Copper complying with NEMA WC 5 or 7; stranded.

b. Insulation Types: Type THHN-THWN.
- 1.2CONDUCTOR 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

- 1.1CONDUIT AND TUBING
- a. EMT and Fittings: ANSI C80.3

1. Fittings: Set-screw or compression type.
- 1.2INSTALLATION
- 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

- 1.1Sheet Metal Outlet and Device Boxes: NEMA OS 1.
- 1.2Small Sheet Metal Pull and Junction Boxes: NEMA OS 1.

WIRING DEVICES

- 1.1RECEPTACLES
- 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.
- 1.2WALL 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.
- 1.3INSTALLATION
- 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.

21200JN

STATE OF ALASKA

RESPECTED PROFESSIONAL

EE 486

7 JUNE 2022

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RESPEC

← 1" ACTUAL →

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SITKA PIONEER HOME

BATHROOM ACCESSIBILITY

STATE OF ALASKA - JNU 16-14C

SITKA, ALASKA

SHEET TITLE:

SPECIFICATIONS

DATE:

JUNE 7, 2022

REVISION:

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KHD

DRAWN:

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