

Section 813. Contract Work Hours and Safety Standards Act.

The State and the contractor and all parties involved with this contract covenants and agrees that it will comply with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. Sections 3701-3708) as supplemented by Department of Labor regulations (29 CFR Part 5). As applied to this agreement, the Contract Work Hours and Safety Standards Act specifies that no laborer or mechanic doing any part of the work contemplated by this agreement shall be required or permitted to work more than 40 hours in any workweek unless paid for all additional hours at not less than 1.5 times the basic rate of pay.

Section 814. Central Contractor Registration and Universal Identifier Requirements.

The contractor and all parties involved with this contract agree to comply with the Central Contractor Registration and Universal Identifier Requirements as indicated below:

A. Requirement for Central Contractor Registration (CCR)

Unless you are exempted from this requirement under 2 CFR 25.110, you as the recipient must maintain the currency of your information in the CCR until you submit the final financial report required under this award or receive the final payment, whichever is later. This requires that you review and update the information at least annually after the initial registration, and more frequently if required by changes in your information or another award term.

B. Requirement for Data Universal Numbering System (DUNS) Numbers

If you are authorized to make sub awards under this award, you:

- i. Must notify potential sub-recipients that no entity (see definition in paragraph C of this award term) may receive a sub-award from you unless the entity has provided its DUNS number to you.
- ii. May not make a sub-award to an entity unless the entity has provided its DUNS number to you.

C. Definitions

For purposes of this award term:

- i. Central Contractor Registration (CCR) means the Federal repository into which an entity must provide information required for the conduct of business as a recipient. Additional information about registration procedures may be found at the www.sam.gov Internet site.
- ii. Data Universal Numbering System (DUNS) number means the nine-digit number established and assigned by Dun and Bradstreet, Inc. (D&B) to uniquely identify business entities. A DUNS number may be obtained from D&B by telephone (currently 866-705-5711) or the Internet (currently at <http://fedgov.dnb.com/webform>).
- iii. Entity, as it is used in this award term, means all of the following, as defined at 2 CFR part 25, subpart C:
 - a. A Governmental organization, which is a State, local government, or Indian Tribe;
 - b. A foreign public entity;
 - c. A domestic or foreign nonprofit organization;
 - d. A domestic or foreign for-profit organization; and
 - e. A Federal agency, but only as a sub-recipient under an award or sub-award to a non-Federal entity.
- iv. Sub-award:
 - a. This term means a legal instrument to provide support for the performance of any portion of the substantive project or program for

- which you received this award and that you as the recipient award to an eligible sub-recipient.
- b. The term does not include your procurement of property and services needed to carry out the project or program (for further explanation, see **Sec. ----.210** of the attachment to OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations").
- c. A sub-award may be provided through any legal agreement, including an agreement that you consider a contract.
- v. Sub-recipient means an entity that:
 - a. Receives a sub-award from you under this award; and
 - b. Is accountable to you for the use of the Federal funds provided by the sub-award.

Section 815. Reporting Sub-awards and Executive Compensation

The contractor agrees to comply with the Reporting Sub-awards and Executive Compensation requirements indicated below:

A. Reporting of first-tier sub-awards

- i. Applicability. Unless you are exempt as provided in paragraph d. of this award term, you must report each action that obligates \$25,000 or more in Federal funds that does not include Recovery funds (as defined in section 1512(a)(2) of the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5) for a sub-award to an entity (see definitions in paragraph e. of this award term).
- ii. Where and when to report.
 - a. You must report each obligating action described in paragraph a.1. of this award term to <http://www.fsrc.gov>.
 - b. For sub-award information, report no later than the end of the month following the month in which the obligation was made. (For example, if the obligation was made on November 7, 2012, the obligation must be reported by no later than December 31, 2012).
- iii. What to report. You must report the information about each obligating action that the submission instructions posted at <http://www.fsrc.gov> specify.

B. Reporting Total Compensation of Recipient Executives.

- i. Applicability and what to report. You must report total compensation for each of your five most highly compensated executives for the preceding completed fiscal year, if—
 - a. the total Federal funding authorized to date under this award is \$25,000 or more;
 - b. in the preceding fiscal year, you received—
 - i) 80 percent or more of your annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and sub-awards); and,
 - ii) \$25,000,000 or more in annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and sub-awards); and,
- a) The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange

Commission total compensation filings at
<http://www.sec.gov/answers/execomp.htm>.)

- ii. Where and when to report. You must report executive total compensation described in paragraph b.1. of this award term:
 - a. As part of your registration profile at <http://www.ccr.gov>.
 - b. By the end of the month following the month in which this award is made, and annually thereafter.

C. Reporting of Total Compensation of Sub-recipient Executives

- i. Applicability and what to report. Unless you are exempt as provided in paragraph d. of this award term, for each first-tier sub-recipient under this award, you shall report the names and total compensation of each of the sub-recipient's five most highly compensated executives for the sub-recipient's preceding completed fiscal year, if—
 - a. in the sub-recipient's preceding fiscal year, the sub-recipient received—
 - i) 80 percent or more of its annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and sub-awards); and
 - ii) \$25,000,000 or more in annual gross revenues from Federal procurement contracts (and subcontracts), and Federal financial assistance subject to the Transparency Act (and sub-awards); and
 - iii) The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/execomp.htm>.)
- ii. Where and when to report. You must report sub-recipient executive total compensation described in paragraph c.1. of this award term:
 - a. To the recipient.
 - b. By the end of the month following the month during which you make the sub-award. For example, if a sub-award is obligated on any date during the month of October of a given year (i.e., between October 1 and 31), you must report any required compensation information of the sub-recipient by November 30 of that year.

D. Exemptions

- i. If, in the previous tax year, you had gross income, from all sources, under \$300,000, you are exempt from the requirements to report:
- ii. Sub-awards; and,
 - a. The total compensation of the five most highly compensated executives of any sub-recipient.

E. Definitions. For purposes of this award term:

- i. Entity means all of the following, as defined in 2 CFR part 25:
 - a. A Governmental organization, which is a State, local government, or Indian tribe;
 - b. A foreign public entity;
 - c. A domestic or foreign nonprofit organization;
 - d. A domestic or foreign for-profit organization;
 - e. A Federal agency, but only as a sub-recipient under an award or sub-award to a non-Federal entity.
- ii. Executive means officers, managing partners, or any other employees in management positions.
- iii. Sub-award:
 - a. This term means a legal instrument to provide support for the performance of any portion of the substantive project or program for which you received this award and that you as the recipient award to an eligible sub-recipient.

- b. The term does not include your procurement of property and services needed to carry out the project or program (for further explanation, see Sec. --- .210 of the attachment to OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations").
- iv. Sub-recipient means an entity that:
 - a. Receives a sub-award from you (the recipient) under this award; and
 - b. Is accountable to you for the use of the Federal funds provided by the sub-award.
- v. Total compensation means the cash and noncash dollar value earned by the executive during the recipient's or sub-recipient's preceding fiscal year and includes the following (for more information see 17 CFR 229.402(c)(2)):
 - a. Salary and bonus.
 - b. Awards of stock, stock options, and stock appreciation rights. Use the dollar amount recognized for financial statement reporting purposes with respect to the fiscal year in accordance with the Statement of Financial Accounting Standards No. 123 (Revised 2004) (FAS 123R), Shared Based Payments.
 - c. Earnings for services under non-equity incentive plans. This does not include group life, health, hospitalization or medical reimbursement plans that do not discriminate in favor of executives, and are available generally to all salaried employees.
 - d. Change in pension value. This is the change 'In present value of defined benefit and actuarial pension plans.
 - e. Above-market earnings on deferred compensation which is not tax-qualified.
 - f. Other compensation, if the aggregate value of all such other compensation (e.g. severance, termination payments, value of life insurance paid on behalf of the employee, perquisites or property) for the executive exceeds \$10,000.

Contractor Acknowledgement and Acceptance:

**Contractor Business
Entity Name**

Signature – Authorized Representative

Date

HELPFUL INFORMATION FOR REGISTRATION:

SYSTEM FOR AWARD MANAGEMENT (URL: <https://www.sam.gov>)

Federal regulations require Vendors to be registered in the System for Award Management (SAM) in order to receive awards and payments on federal contracts. (FAR 52.204-7). SAM is a composite procurement system that replaces several government legacy systems, including the Central Contractor Registry (CCR), and serves as a common source of vendor data for government agencies. Registration in SAM is free, and extensive help files are available on the site to assist you with the registration process. SAM registration provides your company the added benefit of being visible to federal, state, and local agencies, as well as other contractors, searching for the products and services your company has to offer.

SAM is maintained by the General Services Administration, but personalized assistance with registration and other government procurement related matters is available through the nationwide network of Procurement Technical Assistance Centers or "PTACs." To find the PTAC office nearest you, visit the national PTAC website at: <http://www.aptac-us.org>. You can also find a listing of PTAC offices by state on the Defense Logistics Agency small business website at the following URL: <http://www.dla.mil/SmallBusiness/Pages/ptap.aspx>.

In Alaska, contact the Alaska Procurement Technical Assistance Center via their website at <http://www.ptacalaska.org>, by calling (907) 274-7232 in Anchorage, or via their statewide toll free number at 1-(800) 478-7232. Alaska PTAC staff will assist you with your SAM registration and can answer any other questions you have regarding federal, state, or local procurement opportunities and requirements.

1) Vendors registered in SAM:

Please provide your business name, Data Universal Numbering System (DUNS®) number, Tax ID, and DoD issued CAGE code to enable us to pull your information for our records.

2) Vendors **not registered in SAM:**

You will first need to obtain a DUNS® number from Dun & Bradstreet (DnB) before registering. A DUNS® number is required for SAM registration and is free for Vendors pursuing federal contracts. You can apply for a DUNS® number online through the DnB website at <http://www.dnb.com>; or by using the webform located at <https://fedgov.dnb.com/webform>. Issuance and activation of a DUNS® number is usually completed within 24 hours. If you need assistance with obtaining a DUNS® number, please contact your local PTAC office.

See the attached User Guide for detailed instructions on how to register your company in SAM.

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

The following supplements modify, change, delete from, add to the "General Conditions of the Construction Contract for Buildings", revised December, 2011 (c) 4/96. Where any article of the General Conditions is modified, or and Paragraph, Subparagraph, or Clause thereof is modified or deleted by these Supplementary Conditions, the unaltered provisions of that Article, Paragraph, Subparagraph, of Clause shall remain in effect.

SC-1-DEFINITIONS

At General Conditions Article 1, add the following definitions:

CFR: Initials that stand for the Code of Federal Regulations.

OWNER: The State of Alaska.

SC-5.4.1 – INSURANCE REQUIREMENTS

At General Condition Article 5.4.1, delete the second to the last sentence and replace with the following: "The delivery to the DEPARTMENT of a written notice in accordance with the policy provisions is required before cancellation of any coverage or reduction in any limits of liability."

SC-5.4.2a – WORKERS COMPENSATION INSURANCE

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

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

SC-5.4.2d–BUILDERS RISK INSURANCE

At General Conditions Article 5.4.2d, delete the subsection in its entirety.

SC- 6.5 MATERIALS AND EQUIPMENT

Add the following sub-paragraph at the end of the existing text:

6.5.1. "Buy American Act. (Federal-Aid Contracts)

- a. The Contractor agrees that they will not expend any funds appropriated by Congress without complying with The Buy American Act (41 U.S.C.10a et seq.). The Buy American Act gives preference to domestic end products and domestic construction material.
- b. **Buy American Certificate.** Execution and submission of the Buy American Certificate Form 25D-061, is required. If there are no exceptions to be listed on the certificate, the bidder shall enter "NONE" on the first line."

SC-6.9–SUBSTITUTES OR “OR-EQUAL” ITEMS

In Paragraph 6.9.5, delete “Document 01630 – Product Options and Substitutions” and replace with “Document 01 60 00 – Material and Equipment.”

SC-6.13–SUBCONTRACTORS

Add the following paragraph:

“6.13.7 The CONTRACTOR may, without penalty, replace a Subcontractor who:

1. Fails to comply with the licensing and registration requirements of AS 08.18;
2. Fails to obtain or maintain a valid Alaska Business License;
3. Files for bankruptcy or becomes insolvent;
4. Fails to execute a subcontract or performance of the work for which the Subcontractor was listed, and the CONTRACTOR has 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 subcontract work for which the Subcontractor was listed;
8. Must be replaced to meet the CONTRACTOR’S required state or federal affirmative action requirements.
9. Refuses to agree to abide by the CONTRACTOR’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.

The 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 prior to 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 CONTRACTOR violates this article, the Contracting Officer may:

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

SC-7.12–APPLICABLE ALASKA PREFERENCES

At General Condition Article 7.12, delete the text of this article in its entirety.

SC-7.13–WAGES AND HOURS OF LABOR

Add new General Conditions Article 7.13.4 as follows:

- 7.13.4.** Upon completion of all work, the primary contractor shall file with the Department of Labor a "Notice of Completion Form" together with payment of any additional filing fees owed due to increased contract amounts. Within 30 days after the Department of Labor's receipt of the primary contractor's notice of completion, the Department of Labor shall inform the DEPARTMENT of the amount, if any, to be withheld from the final payment.

SC-11.8–DELAY DAMAGES

At General Condition Article 11.8, add the following paragraphs:

The CONTRACTOR understands that if completion of the items of work identified in this contract is not attained by the applicable Substantial and/or Final Completion Dates – as the case may be – the DEPARTMENT will suffer damages which are difficult to determine. Consequently, this contract provides for an assessment of liquidated damages, which is a reasonable forecast of the damages likely to occur in the event of breach under differing circumstances.

The following are different circumstances or scenarios where Liquidated Damages will be assessed. Liquidated Damages arising under more than one circumstance identified below are cumulative; CONTRACTOR is liable for all liquidated damage accruing under this contract. DEPARTMENT may recover these damages from retained progress payments or from payment by CONTRACT or its surety.

- 11.8.1** Failure to Meet Substantial Completion Date. For each calendar day that the work is not Substantially Complete after the expiration of the Contract Time or the Substantial Completion Date has passed, the DEPARTMENT shall deduct **One Hundred Fifty Dollars** (\$150) from progress payments.
- 11.8.2** Failure to Meet Final Completion Date. The Final completion date shall be defined as the date 60 calendar days following the substantial completion date. For each calendar day that the work is substantially complete, but the project is not at Final Completion, after the Final Completion Date has passed, the DEPARTMENT shall deduct **Fifty Dollars** (\$50.00) from progress payments.

- 11.8.3** If no money is due the CONTRACTOR, the DEPARTMENT shall have the right to recover these sums from the CONTRACTOR, from the Surety, or from both. These are liquidated damages and not penalties. These charges shall reimburse the DEPARTMENT for its additional expenses incurred due to CONTRACTOR'S failure to complete the work within the time specified.
- 11.8.4** Permitting the CONTRACTOR to continue and finish the work or any part of it after the Contract time has elapsed or the completion date has passed does not waive the DEPARTMENT'S rights to collect liquidated damages under this section.

SC-15.1-NOTIFICATION

In Paragraph 15.1.2, delete "Section 01310" and replace with "Section 01 32 00."

END OF SECTION

STATE LABORERS' AND MECHANICS' MINIMUM RATES OF PAY

State wage rates can be obtained at <http://www.labor.state.ak.us/lss/pamp600.htm>. Use the State wage rates that are in effect 10 days before Bid Opening. The Department will include a paper copy of the State wage rates in the signed Contract.

FEDERAL WAGE RATES

Federal wage rates can be obtained at <http://www.wdol.gov/dba.aspx#0> for the State of Alaska. Use the federal wage rates that are in effect 10 days before Bid Opening. The Department will include a paper copy of the federal wage rates in the signed Contract.

E. Asbestos Survey

All accessible areas of the hangar were visually inspected to identify suspect asbestos-containing materials (ACM). All accessible surfaces, structures, and mechanical systems within these areas were examined. Asbestos inspections had been performed for the facility in the 1990's, therefore, materials were only examined for condition. For quantities and locations of known asbestos-containing materials refer to the asbestos inspections on file at the Health and Safety Office, located in the Anchorage National Guard Office, Room D203. Table 2 lists all materials that were identified as possible asbestos-containing materials.

Table 2
Suspect Asbestos-Containing Building Materials Inventory

Location	Material	Friability	Photo #	Condition
Hangar				
Offices	12- x 12- inch brown vinyl floor tile and mastic	No	11	Good
Exterior	White window glazing	Yes	12	Poor

The Environmental Protection Agency (EPA) under the authority of the Clean Air Act regulates asbestos as a hazardous air pollutant. The asbestos regulations are included in the National Emissions Standards for Hazardous Air Pollutants (NESHAPS) and are referenced as 40 CFR 61, Subpart M. Those regulations, and state and local regulations, should be carefully examined prior to renovation, demolition, cleanup, or any other activity which could disturb the ACMs, to ensure that all activities are in compliance with applicable requirements.

Asbestos-containing materials (ACM) is defined by the EPA, as any material containing greater than one percent (1%) of asbestos. ACMs are categorized as being either friable or non-friable. Friable ACMs are those materials that can be easily crumbled, pulverized, or otherwise broken up using hand or finger pressure when dry, and are materials considered more likely to produce airborne asbestos fibers. Non-friable ACMs are materials that do not meet the above test, and are considered less likely to produce airborne asbestos fibers. Non-friable ACMs are further categorized into Category I non-friable ACM (packings, gaskets, resilient floor coverings, and asphalt roofing products) and Category II non-friable ACM (materials not included in Category I).

Not all ACMs are regulated under NESHAPS. Regulated ACM (RACM) refers to a (a) Friable asbestos material, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of regulated demolition or renovation operations. Regulated demolition and renovation operations are those where the quantity of ACM affected is 260 linear feet or more on pipes, 160 square feet or more on other components, or 35 cubic feet or more in volume. There are certain notification requirements for demolition projects involving less than the above quantities.

Briefly, the EPA requires that RACM be removed from facilities scheduled for demolition or renovation before any activity begins that would break up, dislodge, or similarly disturb the materials or preclude access to the materials for subsequent removal. Category I non-friable ACM that is not in poor condition and is not friable does not have to be removed prior to demolition of a facility. However, these materials are exempt from mandatory removal only during demolition, not renovation. Removal is mandated when renovation activities are expected to disturb these ACMs and render them friable. Category II non-friable ACM also does not have to be removed prior to demolition if the probability is low that the material will become crumbled, pulverized, or reduced to powder (made friable) during demolition. However, state regulations may require the removal of these materials. Additionally, Category I non-friable ACM that has not become crumbled, pulverized, or reduced to powder during demolition activities may be disposed of as ordinary construction waste.

Recommendations:

1. Perform comprehensive asbestos inspections or re-inspections to update records. **(RAC 2)**
2. If materials that are identified in Table 2 are determined to be asbestos-containing and the materials are to be removed, a certified asbestos abatement contractor should be utilized. If these materials are to be managed in place, an asbestos Operations and Maintenance Plan (O&M) should be written. Custodial personnel and others doing maintenance and repair work in the facility should acquaint themselves with the contents of this survey and any future surveys performed. **(RAC 2)**

F. Indoor Air Quality and HVAC Systems

1. Hangar

The hangar is heated through ceiling mounted blower units and wall mounted radiators. Steam lines run through a chase to boiler plants. The ducts appeared to be in good condition. The HVAC system is maintained by the state Facilities Management Department.

The average outdoor carbon dioxide concentration at the time of the survey was 472 parts per million (ppm); therefore, the maximum indoor CO₂ level recommended by the ASHRAE standard would be 1,172 ppm. In general, CO₂ concentrations throughout the building were lower than 1,172 ppm, and the highest CO₂ concentration measured on this date was 937 ppm.

Building air temperature ranged from about 70.6 to 75.3° F and relative humidity was between about 43.2 and 51.3 percent during the testing period. Air temperatures were within the recommended comfort range of 68-75° F, and the relative humidity was mostly within the recommended comfort zone of between 30 and 60 percent. Humidity levels above 60 percent can result in proliferation of bacteria and fungi, while levels below 30 percent can cause dry eyes, skin, and mucous membranes.

HANGAR 47-431 WEATHERIZATION PROJECT

BRYANT ARMY AIRFIELD
ALASKA ARMY NATIONAL GUARD

PN 990264
FORT RICHARDSON, ALASKA

DRAWING INDEX

PROJECT INTRODUCTION

- T1 PROJECT COVER SHEET, DRAWING INDEX
- T2 LEGENDS, NOTES, ABBREVIATIONS, SYMBOLS

ARCHITECTURAL

- A2.1 OVERALL FIRST AND SECOND FLOOR PLAN
- A3.1 NEW BUILDING ELEVATIONS
- A3.2 DEMO AND NEW WALL SECTIONS AND WALL DETAILS
- A3.4 DEMO AND NEW WALL SECTIONS AND CORNER DETAILS, WALL INFILL DETAILS
- A3.5 EXISTING AND NEW WINDOW AND DOOR DETAILS, CONC. SILL AND TOP OF BLOCK WALL DETAILS
- A3.6 PARAPET Siding AND LOUVER DETAILS
- A8.1 WINDOW AND DOOR SCHEDULES
- A8.2 EXISTING ROOF PLAN
- A8.3 NEW ROOF PLAN
- A8.4 ROOF DETAILS

ELECTRICAL

- E1.1 ELECTRICAL SYMBOLS, SCHEDULES & DETAILS
- E2.1 FIRST FLOOR ELECTRICAL PLAN
- E2.2 SECOND FLOOR ELECTRICAL PLAN

MECHANICAL

- M1.1 MECHANICAL FIRE PROTECTION DELUGE VALVE, RISER UPGRADES
- M2.1 MECHANICAL FIRE PROTECTION HEAT DETECTION SYSTEM

EXHIBIT DRAWING

- MR1 EXHIBIT DRAWING #1 BRYANT HANGAR SPRINKLER PLAN DOCUMENT # 39-01-70 SHEET 22 OF 30 (1967)

USKH Inc

Architecture • Engineering
Land Surveying • Planning

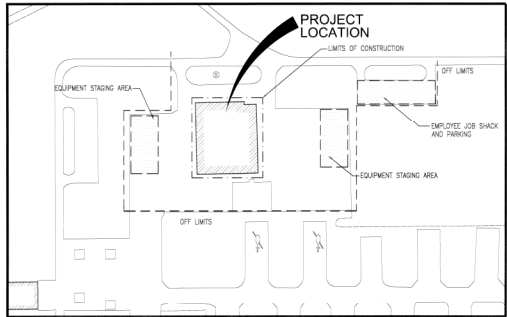
2515 'A' Street
Anchorage, Alaska 99503
(907) 276-4245

1830 Second Avenue
Fairbanks, Alaska 99701
(907) 452-2128

3031 Clinton Drive, Ste 200
Juneau, Alaska 99801
(907) 790-2901

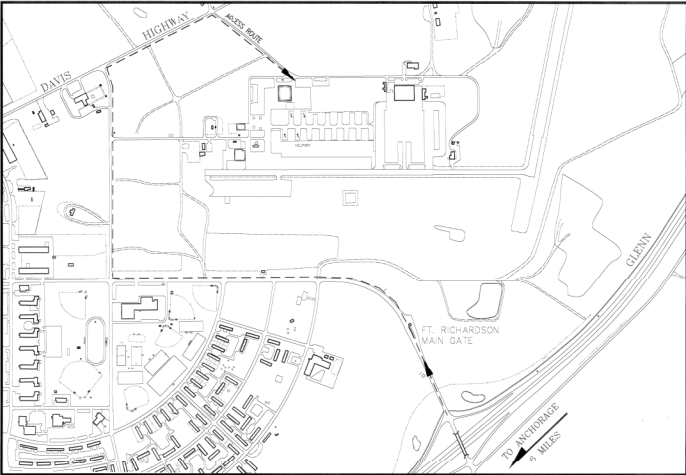
290 North Willow St.
Wasilla, Alaska 99554
(907) 376-7815

ESTIMATIONS
138 E. 1st, 1st Fl., 207 Anchorage, Alaska 99501



CONTRACTOR'S WORK AREA

- GENERAL NOTES:**
1. ALL AIRCRAFT WILL BE REMOVED FROM THE FACILITY DURING ROOF SYSTEM DEMOLITION, ROOF DECK REATTACHMENT, AND INTERIOR SPRINKLER WORK. THE FACILITY SHALL BE FULLY OCCUPIED DURING SUBSEQUENT CONSTRUCTION.
 2. INTERIOR CEILING OF THE HANGAR IS TO BE REPAINTED.
 3. INFORMATION SHOWN ON THE DRAWINGS RELATED TO THE EXISTING BUILDING HAS BEEN ASSUMED FROM RECORD DRAWINGS, AND MAY NOT BE CORRECT. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION.
 4. ALL DETAILS IN THIS CONTRACT DOCUMENT SET ARE CONSIDERED TYPICAL UNLESS NOTED OTHERWISE. SIMILAR DETAILS OCCUR AT SIMILAR CONDITIONS.
 5. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES, ELECTRICAL EQUIPMENT AND WIRING BEFORE PROCEEDING WITH ANY WORK.
 6. THE SCALES CALLED OUT ON THE DRAWINGS IN THIS SET ARE ONLY ACCURATE WHEN THE SHEETS ARE PRINTED AT FULL SIZE (36" X 42"). REDUCING THE SIZE OF THE SHEETS WILL CHANGE THE SCALE OF THE DRAWINGS.



LOCATION MAP

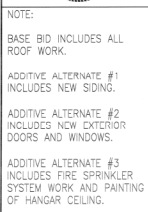
SCALE 1" = 200'

THESE ABBREVIATIONS MAY NOT ALL BE USED IN THESE DOCUMENTS. CIVIL, STRUCTURAL, MECHANICAL & ELECTRICAL ARE NOT INCLUDED IN THIS LISTING.

[illegible]

	ACRYLIC TILE
	COSMETIC TILE
	SHOW PROFILE ONLY
	CONCRETE
	CURT PLACE OR PREPARE
	CONCRETE BLOCK
	CAHTE
	GLASS
	ONLY INDICATION IN THIN MATERIAL
	CONCRETE BOARD
	ONLY SHOW LINES AT SMALL SCALE
	INSULATION, BATT
	INSULATION, RIGID
	PLYWOOD
	ROCK FILL
	SAND
	WOOD, FINISH
	WOOD, FRAMING
	THINLY APPLIED MEMBER
	WOOD, FRAMING
	INTERPRETED MEMBER
	METAL
	ONLY INDICATION IN THIN MATERIAL
	MORTAR, PLASTER

	COLUMN LINE
	DATUM / WORK POINT
	WALL TYPE
	WINDOW TYPE
	ROOM NUMBER
	REVISION INDICATOR
	DOOR NUMBER
	BUILDING SECTION
	CHAMFER / CHAMFER (PART REFERENCED)
	WALL SECTION
	ELEVATIONS (INTERIOR / EXTERIOR)
	DETAIL PLAN
	DETAIL SECTION
	3D DETAIL



100

USKH

Architectural - Engineering Land Surveying - Planning	
2515 'A' Street Anchorage, Alaska 99503 (907) 276-4245	544 Fourth Avenue Fairbanks, Alaska 99701 (907) 452-2128
3031 Clinton Drive Suite 200 Alaska 99801 (907) 278-0801	292 North Willow St. Waco, Alaska 99854 (907) 376-7815

Project:

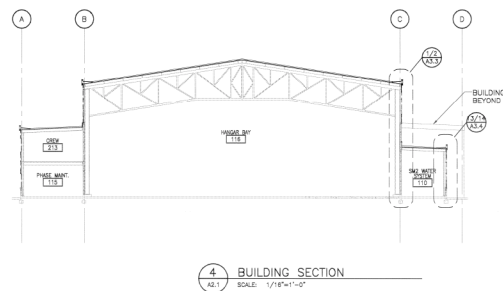
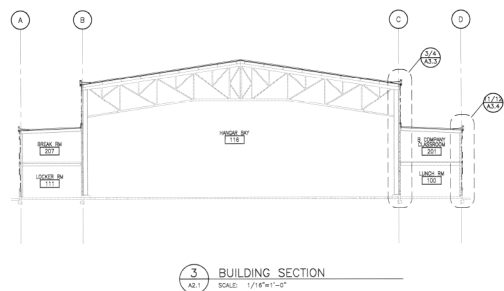
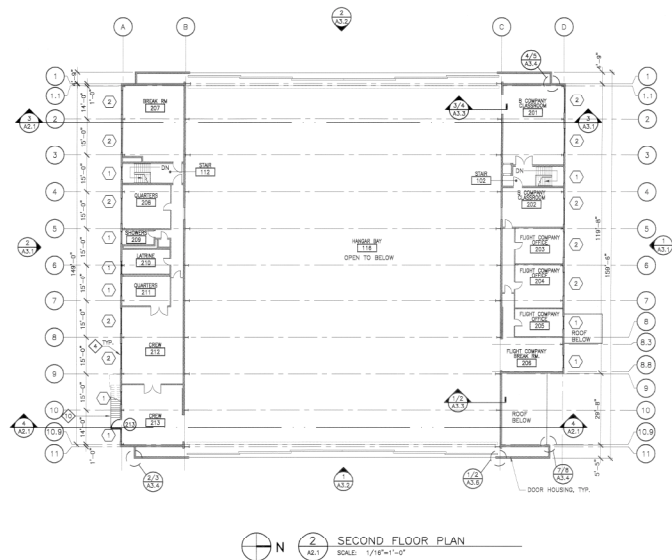
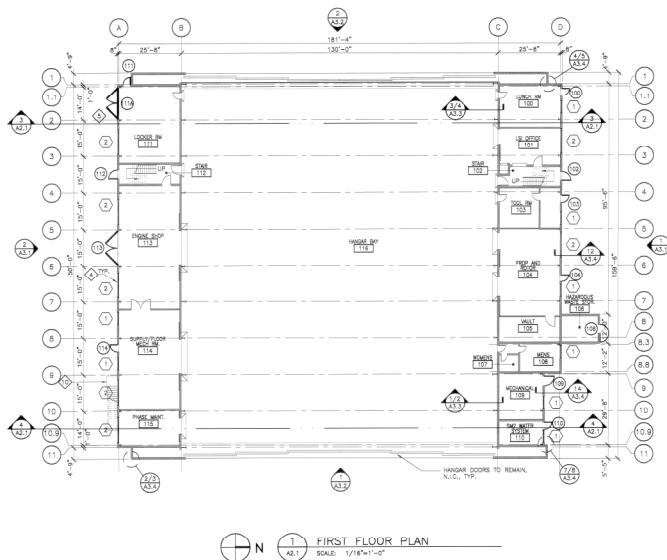
HANGAR 47431
Weatherization Project

Alaska Army National Guard
Bryant Airfield, Ft Richardson AK

[illegible]

LEGENDS, NOTES, ABBREVIATIONS,
AND SYMBOLS

Project Mgr.	WKA	Sheet No.
Drawn	DRS	T2
Drawn	SH	
Checked		
Date	4/10/03	USKH W.O. 58421



- | | | | |
|---|--|---|--|
| ♦ | REMOVE AND REINSTALL ALL
EXTERIOR LIGHTS AND VENTS,
WHICH ARE NEW LIGHTS
WHERE INDICATED. SEE ELEC. | ♦ | EXISTING DOORS AND LOUVER
TO BE REMOVED. INSTALL
NEW DOORS WITH NEW
SYSTEM AND NEW SINGING. |
| ♦ | ALL EXISTING SINGING TO BE
REPLACED. REPAIR, INSTALL
NEW METAL HANGERS OVER
EXPOSED EXTERIOR CORD. | ♦ | EXISTING LOUVERS TO BE REMOVED
AND REPLACED WITH NEW WHERE
INDICATED. |
| ♦ | WHERE EXPOSED, ALL
MASONRY BLOCK AND SILLS
TO BE REPAIRED AND
CRACKS SEALED. | ♦ | EXISTING BRACED WITH NEW
THERMOWOOL TO BE MOVED TO
NEW HANGAR DOORS. |
| ♦ | ALL EXTERIOR DOORS,
WINDOWS AND FRAMES TO BE
REPLACED. | ♦ | REMOVE EXISTING STEEL LADDER |
| | | ♦ | REMOVE EXISTING STAIR
AND SUPPORTS. REPAINT AND
REBRACE AFTER NEW SINGING IS
INSTALLED. |

NOTE:

BASE BID INCLUDES ALL
ROOF WORK.

ADDITIVE ALTERNATE #1
INCLUDES NEW SIDING.

ADDITIVE ALTERNATE #2
INCLUDES NEW EXTERIOR
DOORS AND WINDOWS.

ADDITIVE ALTERNATE #3
INCLUDES FIRE SPRINKLER
SYSTEM WORK AND PAINTING
OF HANGAR CEILING.



USKH

Architecture • Engineering Land Surveying • Planning	
2515 "A" Street Anchorage, Alaska 99503 (907) 276-4245	544 Fourth Avenue Fairbanks, Alaska 99701 (907) 452-2128
3031 Clinton Drive Suite 200 Juneau, Alaska 99801 (907)790-2901	290 North Willow St. Wasilla, Alaska 99554 (907)376-7815

HANGAR 47431

Alaska Army National Guard
Bryant Airfield, Ft Richardson AK

[illegible]

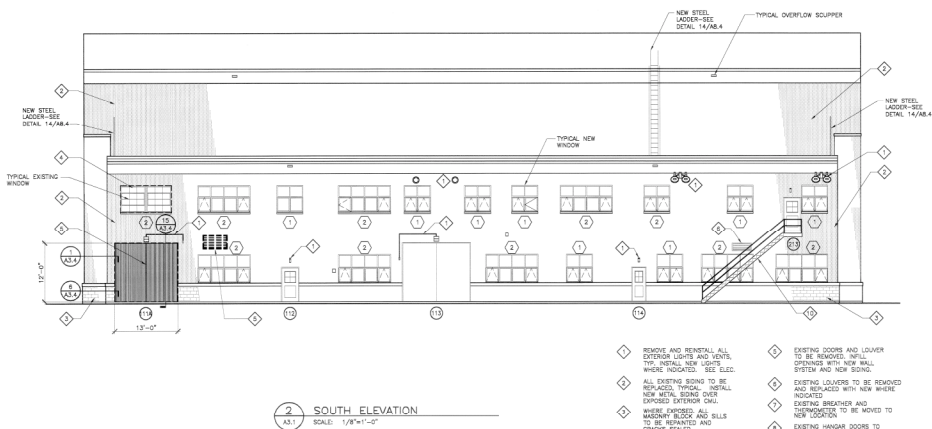
Sheet Contents

OVERALL FIRST
AND SECOND
FLOOR PLAN

Sheet Contents

OVERALL FIRST
AND SECOND
FLOOR PLAN

Project Mgr.	WWA	Sheet No.
Drawn	DRS	A2.1
Drawn	SH	
Checked	WWA	
Date	4/10/03	



Project Mgr.	WWA	Sheet No.
Drawn	DRS	A3.1
Drawn	SH	
Checked	WWA	
Date	4/10/03	USKH W.O. 584216

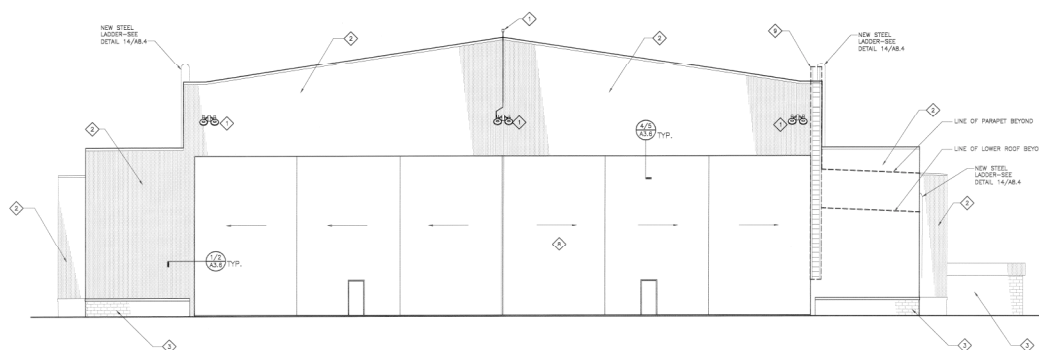
NOTE:

BASE BID INCLUDES ALL
ROOF WORK.

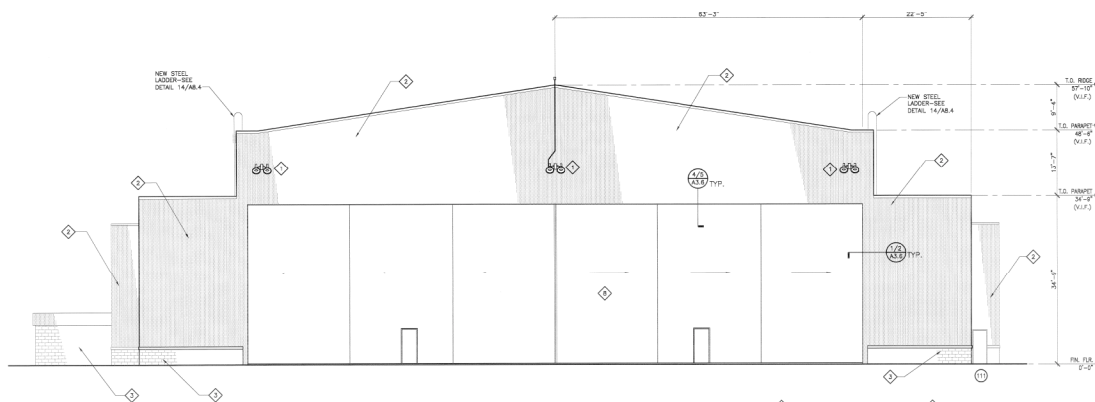
ADDITIVE ALTERNATE #
INCLUDES NEW SIDING

ADDITIVE ALTERNATE #2
INCLUDES NEW EXTERIOR
DOORS AND WINDOWS.

ADDITIVE ALTERNATE #3
INCLUDES FIRE SPRINKLER
SYSTEM WORK AND PAINTING
OF HANGAR CEILING.



1 EAST ELEVATION
A3.2 SCALE: 1/8"=1'-0"



2 WEST ELEVATION
A3.2 SCALE: 1/8"=1'-0"

- | | |
|--|---|
| <p>REMOVE AND REINSTALL ALL EXTERIOR LIGHTS AND KNOBS, WIP, EXISTING NEW LIGHTS TO BE INSTALLED. SEE ELEC.</p> | <p>EXISTING DOORS AND LOUVER TO BE REMOVED, NEW DOORS AND LOUVER TO BE INSTALLED WITH NEW WALL.</p> |
| <p>ALL EXISTING SINK TO BE REPLACED, TYPICAL SINK NEW WORK. SINKS OVER porcelains EXTERIOR SINKS TO BE REPLACED.</p> | <p>EXISTING LOUVERERS TO BE REMOVED AND REPLACED WITH NEW WHERE NECESSARY.</p> |
| <p>WHERE APPLICABLE, MASONRY BLOCK AND SILLS TO BE REPARATED AND CRACKS SEALED.</p> | <p>EXISTING BREASTHER AND THERMOCHECTER TO BE WOKED TO NEW LOCATION</p> |
| <p>ALL EXTERIOR DOORS, WINDOW AND FRAMES TO BE REPLACED</p> | <p>EXISTING HANGAR DOORS TO REMAIN</p> |
| | <p>REMOVE EXISTING STEEL LADDER</p> |
| | <p>REMOVE EXISTING EXTERIOR STAIR AND SUPPORTS, REINANT AND REATCH AFTER NEW SING IS INSTALLED</p> |

USKT

Architecture - Engineering	
Land Surveying - Planning	
5 'A' Street	544 Fourth Avenue
Barrow, Alaska	Fairbanks, Alaska
903	99701
(907) 276-4245	(907) 452-2128
1 Clinton Drive	290 North Willow St.
Box 200	Wasilla, Alaska 99605
Kenai, Alaska 99601	(907) 376-7815

Project:

HANGAR 47431

Alaska Army National Guard

Date	Revision

BUILDING

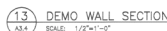
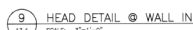
ATIONS

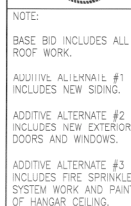
ct Mgr.	WWA	Sheet No
---------	-----	----------

DRS	
CU	A22

	SH	
ked	WRA	

4/10/03	USKH W.O. 584
---------	---------------





Architecture - Engineering Land Surveying - Planning	
2515 'A' Street Anchorage, Alaska 99503 (907) 276-4245	544 Fourth Avenue Fairbanks, Alaska 99701 (907) 452-2128
3031 Clinton Drive Suite 200 Juneau, Alaska 99801 (907) 790-2901	290 North Willow Street Wasilla, Alaska 99567 (907) 376-7815

Alaska Army National Guard
Bryant Airfield, Ft Richardson

Date	Revision

Sheet Contents
EXISTING AND NEW

WINDOW AND DOOR DETAILS

CONC. SILL AND TOP OF
BLOCK WALL DETAILS

1000

Project Mgr.	WVA	Sheet No.
--------------	-----	-----------

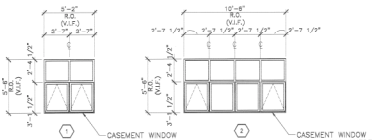
Drawn	DRS	
-------	-----	--

Drawn	SH	A3.5
Checked	WNA	

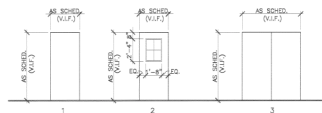
Date	4/10/03	USKH W.O. 5842
------	---------	----------------

DOOR SCHEDULE											
DR NO.	SIZE	TYPE	MAT.	MAT.	TYPE	THICK	SEAL	JAMB	LABEL	HOW	REMARKS
100	3'-0" x 7'-0"	2	INSUL HM	EXISTING	EXISTING	7/AS.5	2/AS.5	15/AS.5	--	HW-2	--
102	3'-0" x 7'-0"	3	INSUL HM	EXISTING	EXISTING	7/AS.5	2/AS.5	17/AS.5	--	HW-2	--
103	3'-0" x 7'-0"	3	INSUL HM	EXISTING	EXISTING	7/AS.5	2/AS.5	17/AS.5	--	HW-2	--
104	3'-0" x 7'-0"	2	INSUL HM	EXISTING	EXISTING	7/AS.5	2/AS.5	17/AS.5	--	HW-2	--
106	3'-8" x 7'-0"	1	INSUL HM	EXISTING	EXISTING	7/AS.5	2/AS.5	17/AS.5	--	HW-1	--
108	4'-0" x 7'-0"	1	INSUL HM	EXISTING	EXISTING	7/AS.5	2/AS.5	17/AS.5	--	HW-2	--
110	3'-0" x 7'-0"	2	INSUL HM	EXISTING	EXISTING	7/AS.5	2/AS.5	17/AS.5	--	HW-2	--
111	3'-0" x 7'-0"	1	INSUL HM	EXISTING	EXISTING	7/AS.5	2/AS.5	17/AS.5	--	HW-1	--
111A	14'-0" x 12'-0"	3	INSUL HM	EXISTING	EXISTING	--	--	--	--	REMOVE DOOR	--
112	3'-8" x 7'-0"	2	INSUL HM	EXISTING	EXISTING	7/AS.5	2/AS.5	17/AS.5	--	HW-2	--
113	14'-0" x 12'-0"	3	INSUL HM	EXISTING	EXISTING	7/AS.5	2/AS.5	17/AS.5	--	HW-2	--
114	3'-0" x 7'-0"	2	INSUL HM	EXISTING	EXISTING	7/AS.5	2/AS.5	17/AS.5	--	HW-2	--
213	3'-8" x 7'-0"	2	INSUL HM	EXISTING	EXISTING	7/AS.5	2/AS.5	18/AS.5	--	HW-1	--

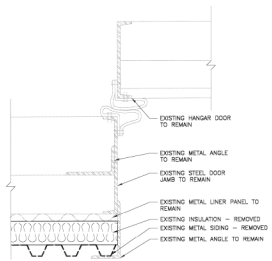
NOTE: EMERGENCY EGRESS REQUIRED AT ROOMS 208 & 211.



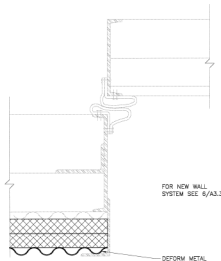
WINDOW TYPES SCHEDULE



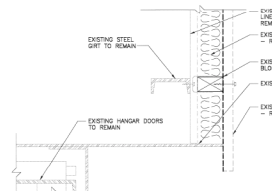
DOOR TYPES SCHEDULE



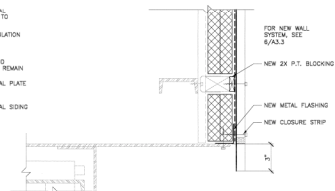
1 EXIST HANGAR DOOR (JAMB)
A3.8 SCALE: 3/4"=1'-0"



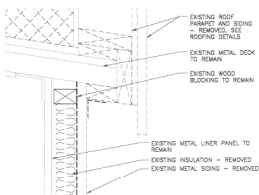
2 NEW HANGAR DOOR (JAMB)
A3.8 SCALE: 3/4"=1'-0"



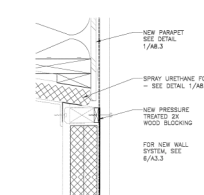
4 EXIST HANGAR DOOR (HEAD)
A3.8 SCALE: 3/4"=1'-0"



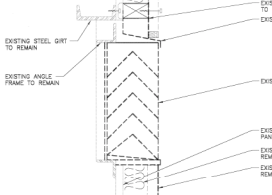
5 NEW HANGAR DOOR (HEAD)
A3.8 SCALE: 3/4"=1'-0"



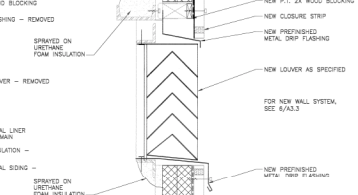
6 EXIST. PARAPET DETAIL
A3.8 SCALE: 3/4"=1'-0"



7 NEW PARAPET DETAIL
A3.8 SCALE: 3/4"=1'-0"



8 EXIST LOUVER (SECTION)
A3.8 SCALE: 3/4"=1'-0"



9 NEW LOUVER (SECTION)
A3.8 SCALE: 3/4"=1'-0"



NOTE:

BASE BID INCLUDES ALL ROOF WORK.

ADDITIVE ALTERNATE #1 INCLUDES NEW SIDING.

ADDITIVE ALTERNATE #2 INCLUDES NEW EXTERIOR DOORS AND WINDOWS.

ADDITIVE ALTERNATE #3 INCLUDES FIRE SPRINKLER SYSTEM WORK AND PAINTING OF HANGAR CEILING.

USKH

Architecture - Engineering
Land Surveying - Planning
2515 V. Street, 544 Fourth Avenue
Anchorage, Alaska 99501
907-276-4345 907-452-2138
3031 Clinton Drive, 280 North Willow St.
Juneau, Alaska 99801 907-578-7815
907-578-2801

Project:

HANGAR 47431
Weatherization Project

Alaska Army National Guard
Bryant Airfield, Ft. Richardson AK

Date Revision By

Date	Revision	By

Sheet Contents
PARAPET SIDING AND LOUVER DETAILS
WINDOW AND DOOR SCHEDULES

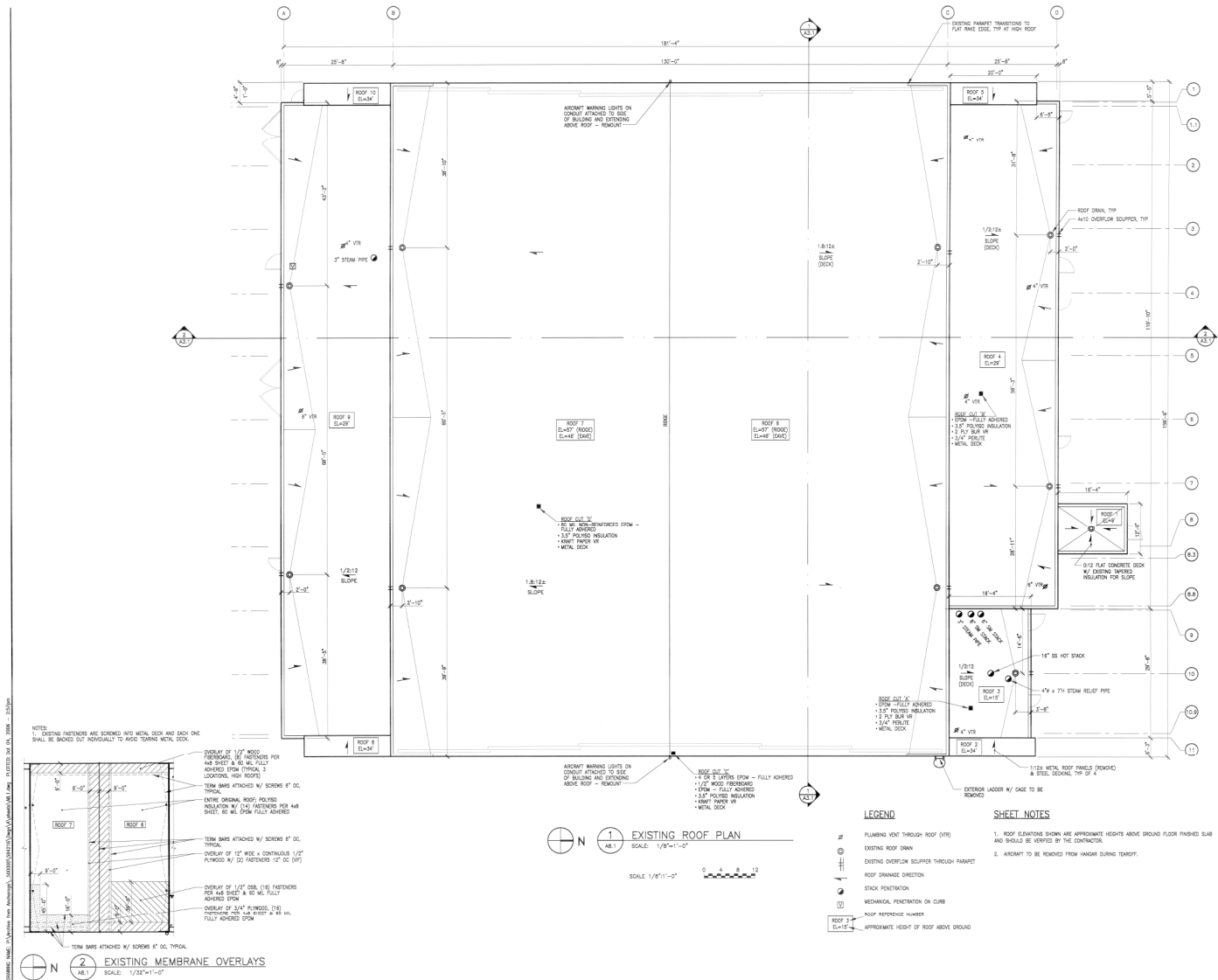
Project Mgr. WBA Sheet No.

Drawn DRS

Checked SH

Date 4/10/23 uskh w.d. 054218

A3.8



NOTE:

BASE BID INCLUDES ALL ROOF WORK.

ADDITIVE ALTERNATE #1 INCLUDES NEW SIDING.

ADDITIVE ALTERNATE #2 INCLUDES NEW EXTERIOR DOORS AND WINDOWS.

ADDITIVE ALTERNATE #3 INCLUDES FIRE SPRINKLER SYSTEM WORK AND PAINTING OF HANGAR CEILING.

USKH

Architecture - Engineering
Land Surveying - Planning

2515 K Street, Anchorage, Alaska 99503
544 Fourth Avenue, Anchorage, Alaska 99501
(907) 276-4245 (907) 452-2158

3531 Clifton Drive, Suite 300, Anchorage, Alaska 99501
290 North Willow St., Anchorage, Alaska 99501
(907) 375-7815 (907) 759-2501

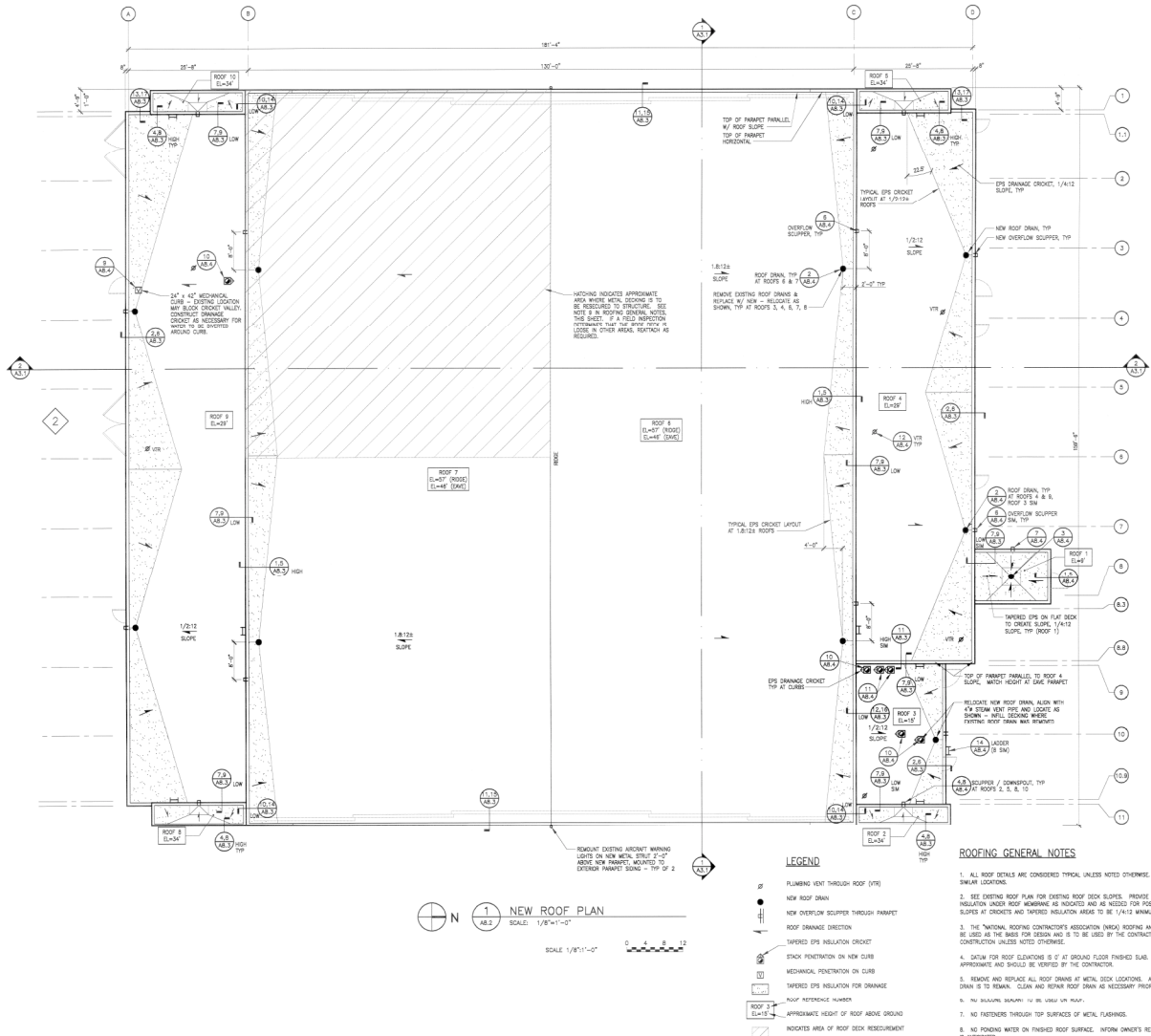
Project: **HANGAR 47431**
Weatherization Project

Alaska Army National Guard
Bryant Airfield, Ft. Richardson AK

Drawn: **AB.1**

Checked: **JS**

Date: 4/10/23 USKH W.G. 044218





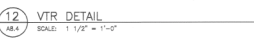
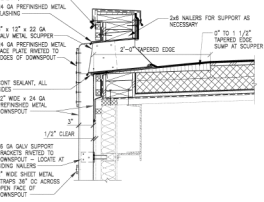
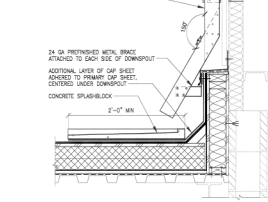
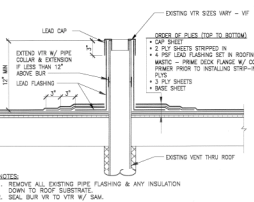
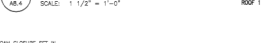
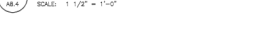
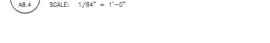
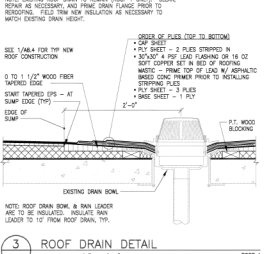
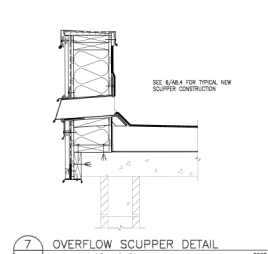
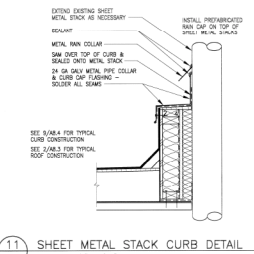
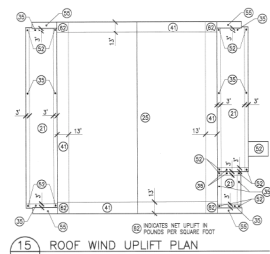
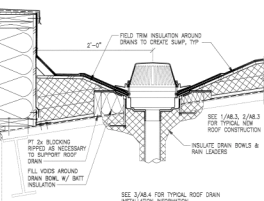
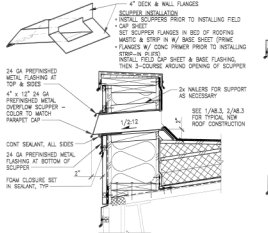
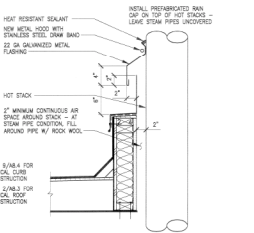
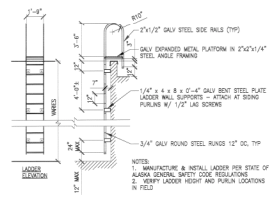
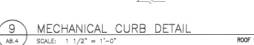
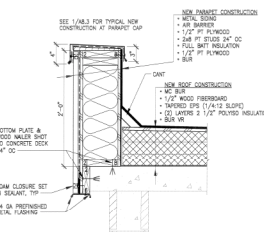
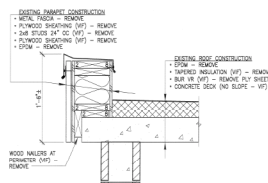
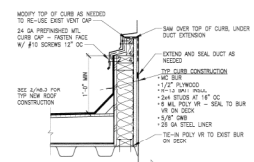
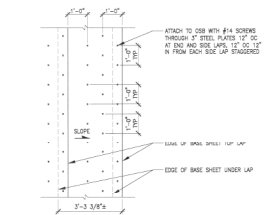
NOTE:
BASE BID INCLUDES ALL ROOF WORK.
ADDITIVE ALTERNATE #1 INCLUDES NEW SIDING.
ADDITIVE ALTERNATE #2 INCLUDES NEW EXTERIOR DOORS AND WINDOWS.
ADDITIVE ALTERNATE #3 INCLUDES FIRE SPRINKLER SYSTEM WORK AND PAINTING OF HANGAR CEILING.

USKHA
Architecture - Engineering
Land Surveying - Planning
2515 'K' Street, Suite 200
Anchorage, Alaska 99503
(907) 276-4345
3031 Clinton Drive, Suite 200
Anchorage, Alaska 99503
(907) 378-7815
544 Fourth Avenue, Suite 200
Eagle River, Alaska 99567
(907) 452-2138

Project:
HANGAR 47431
Rehabilitation Project
Alaska Army National Guard
Bryant Barracks, Ft. Richardson AK

Rev.	Description	Date
1	Issue for Bidding	4/10/03
2	Revised	
3	Revised	
4	Revised	
5	Revised	
6	Revised	
7	Revised	
8	Revised	
9	Revised	
10	Revised	
11	Revised	
12	Revised	
13	Revised	
14	Revised	
15	Revised	
16	Revised	
17	Revised	
18	Revised	
19	Revised	
20	Revised	
21	Revised	
22	Revised	
23	Revised	
24	Revised	
25	Revised	
26	Revised	
27	Revised	
28	Revised	
29	Revised	
30	Revised	
31	Revised	
32	Revised	
33	Revised	
34	Revised	
35	Revised	
36	Revised	
37	Revised	
38	Revised	
39	Revised	
40	Revised	
41	Revised	
42	Revised	
43	Revised	
44	Revised	
45	Revised	
46	Revised	
47	Revised	
48	Revised	
49	Revised	
50	Revised	
51	Revised	
52	Revised	
53	Revised	
54	Revised	
55	Revised	
56	Revised	
57	Revised	
58	Revised	
59	Revised	
60	Revised	
61	Revised	
62	Revised	
63	Revised	
64	Revised	
65	Revised	
66	Revised	
67	Revised	
68	Revised	
69	Revised	
70	Revised	
71	Revised	
72	Revised	
73	Revised	
74	Revised	
75	Revised	
76	Revised	
77	Revised	
78	Revised	
79	Revised	
80	Revised	
81	Revised	
82	Revised	
83	Revised	
84	Revised	
85	Revised	
86	Revised	
87	Revised	
88	Revised	
89	Revised	
90	Revised	
91	Revised	
92	Revised	
93	Revised	
94	Revised	
95	Revised	
96	Revised	
97	Revised	
98	Revised	
99	Revised	
100	Revised	

Project Mgr.	WBA	Sheet No.
Drawn	RMP	A8.2
Checked		
Date	4/10/03	Job No. 584216





NOTE:

BASE BID INCLUDES ALL
ROOF WORK.

ADDITIVE ALTERNATE #1
INCLUDES NEW SIDING.

ADDITIVE ALTERNATE #2
INCLUDES NEW EXTERIOR
DOORS AND WINDOWS.

ADDITIVE ALTERNATE #3
INCLUDES FIRE SPRINKLER
SYSTEM WORK AND PAINTING
OF HANGAR CEILING.

USKH

Architecture • Engineering Land Surveying • Planning	544 Fourth Avenue Fairbanks, Alaska 99701 (907) 452-2128
Street Alaska -4245	290 North Willow St. Wetlika, Alaska 99801 (907)378-7815

ANGAR 47431
Weatherization Project

Alaska Army National Guard
Airfield, Ft Richardson AK

Baujahr

DETAILS

Gr.	WVA	Sheet No.

A8.4

4/10/03	USKH W.O. 584
---------	---------------