



Issue Date: November 20, 2025

ATTN: Vendors

RE: Project Name: Valdez Armory – Remodel Restoration Project
Project Number: 02D8026007
Project Location(s): City of Valdez, Alaska

Addendum # One (1)

This addendum forms a part of the contract documents and modifies the original drawings and/or specifications for the subject work. In case of conflicts between this addendum and previously issued documents, this addendum shall take precedence.

The following administrative changes have been made to this ITB:

1. This addendum is being issued to add a walk-through date to the Description of Work to reflect a walk-through date of December 9, 2025, at 3:00pm. Please see updated Invitation to Bid form (25D-7) on page 3 of this Addendum.

Questions and Answers:

1. The ITB states all work is to be completed by 7/1/26. Can you confirm if this date is accurate?
A. The date provided is accurate, however it can be extended if needed.
2. Can the government provide as-builts of the facility?
A. Yes, please see pages 8 through 46 of this Addendum.
3. Are there any electrical/lighting specifications?
A. Replace light fixtures on a one for one basis with LED fixtures. Specifications are to follow all State and Federal building codes and Unified Facility Criteria.
4. Attachment 1 indicates there will be some new site lights and some existing sight lights relocating. Are the new site lights to match the existing?
A. Yes
5. Can the government provide information/specifications of the existing sight lights?
A. Yes, on page 37 and 38 of the attached as-builts.
6. Bid ALT #3 are the new gates to have powered operators?
A. No

7. Bid ALT #7 Flagpole Renovation lists Bid ALT #4 in the SOW, is it the intent salvage and repair the existing structure or replace it with new?
 - A. Please see updated BID Alternate on page 6 of this Addendum. The intent is to salvage and repair the concrete base. The memorial plaque that is on the concrete base is to be removed, polished and cleaned. The DMVA project manager will provide the new desired location for this plaque.
8. The SOW states it needs to comply with Military Standards, can the government provide the referenced standard?
 - A. "Military Standard" is a general term that refers to the construction, repair, maintenance criteria used by U.S. military branches. For concrete repair, this specifically points to the Unified Facility Criteria (UFC) and Engineer Manuals (EM) developed by agencies like the USACE and the NAVFAC. UFC 3-270-01 O&M Manual: Asphalt and Concrete Pavement Maintenance provide standard procedures for general upkeep.
9. Does this need to include flagpole lighting?
 - A. No
10. Bid ALT #8 says Bid ALT#5 in the SOW; can the government provide more context as to what they are looking for? The building grounding system is typically installed near the electrical service, but the location indicated on attachment 9 does not appear to near the service.
 - A. Please see updated BID Alternate on Page 6 of this Addendum. The desired location for the grounding rods and wire egress, immediately adjacent to the main Hangar Door, is specified to support critical equipment. This placement provides direct access for the deployment and connection of a portable satellite system outside the hangar, while also leveraging the proximity of existing internal electrical components for efficient and safe integration. Strategic placement is essential for ensuring reliable and accessible connectivity for mission-critical portable systems.
11. Bid ALT #9 AKARNG Sign for the Building, can the government provide specs for this sign? Is the sign to include lighting?
 - A. We will provide design and specs for the sign, and the sign will not include lighting.
12. Bid ALT #11 says Bid ALT 5 in the SOW.
 - A. Please see updated BID Alternate on Page 7 of this Addendum.
13. Bid ALT #12 Says Bid ALT 6 in the SOW, The SOW reference minor Utility adjustments, can the government be more specific on these? Will the minor utility adjustment be the responsibility of the local utility or the contractor?
 - A. Please see updated BID Alternate on Page 7 of this Addendum. The minor utility adjustment means after asphalt is complete, to reconnect any utilities and return any obstacles removed before excavation. The contractor will be responsible for this utility reconnect.

Please contact me if you have any questions.

Sincerely,

Jonathan D. Comfort
Building Management Specialist
(907) 428-7697

End of Addendum 1



STATE OF ALASKA
DEPARTMENT OF MILITARY AND VETERANS AFFAIRS

INVITATION TO BID
for Construction Contract

Issue Date
November 18, 2025

02D8026007

Valdez Armory - Remodel Restoration Project

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 1:00 PM local time (per the Department's time source) on the _ January 6, 2026**

Location of Project: 1 Salcha Way, Valdez, Alaska

Contracting Officer: Greg Walker/ Jonathan Comfort

Issuing Office: State of Alaska, Department of Military and Veterans Affairs (DMVA) - Facility Management Office (FMO)

State Funded

Federal Aid

Description of Work:

This project involves a comprehensive interior and exterior remodel of the Valdez Armory facility. The scope of work is divided into interior renovations and exterior site improvements. Contractor shall provide all design, engineered drawings, materials, equipment, permits, tools, labor, travel, licenses, insurance, disposal, and all other expenses to complete the project detailed herein.

*****There will be a mandatory walk-through on December 9, 2025, at 3:00pm*****

The Engineer's Estimate is
\$1,500,000 - \$2,200,000

All work shall be completed in _____ Calendar Days, or by 07/01/2026.
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:

<p>Bidding Documents for Project: Valdez Armory - Remodel Restoration Project 57024 Roosevelt Rd. PO Box 5169 ,JBER AK 99505 02D8026007</p>	<p>ATTN: Greg Walker/ Jonathan Comfort 57024 Roosevelt Rd. PO Box 5169 JBER, AK 99505</p>
---	---

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: mvafmocontracts@alaska.gov

To be responsive, a bid must include a bid BOND equal to 5% of the amount bid. *(When calculating the bid amount for purposes of determining the 100% 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.

Bid Alternates

Bid Alt # 1 Boiler Replacement

Bid Alt # 1 Scope of Work: The Contractor shall remove and dispose of the existing boilers and replace with new 85% efficiency or greater efficiency boilers.

Bid Alt # 2 Clearing of Vegetation Front Lot

Bid Alt # 2 Scope of Work: The Contractor shall cut and clear all lot vegetation from the front lot of the Valdez Armory, and implement environmentally safe measures to prevent the regrowth of vegetation for three years. (Please see attachment 2).

Bid Alt # 3 Front Fencing and Gates

Bid Alt # 3 Scope of Work: The Contractor shall conduct a site survey to verify the exact fence alignment as depicted in the project drawings. The Contractor shall install two (2) cantilever sliding gates not to exceed twenty-four (24) feet in length. Gates will be installed at site driveway locations. (Please see attachment 3).

Bid Alternates Continuation Page

Bid Alt # 4 Parking Lot and Driveways

Bid Alt # 4 Scope of Work: Contractor shall upgrade driveways and parking lots by grading, compacting and preparing the designated area for future asphalt. The Contractor will construct a durable, high-quality asphalt surface capable of handling projected vehicle traffic. Parking Lots and driveways shall be prepared, and concrete parking stops will be installed. Contractor will ensure proper drainage to prevent water accumulation with all UFC and DOD standards for facility construction. (Please see attachment 4).

Bid Alt # 5 Clearing of Vegetation in Rear Lot

Bid Alt # 5 Scope of Work: The Contractor shall cut and clear all lot vegetation from the rear lot of the Valdez Armory, and implement environmentally safe measures to prevent the regrowth of vegetation for three years. (Please see attachment 5).

Bid Alt # 6 Removal and Disposal of all structures identified

Bid Alt # 6 Scope of Work: Disassemble and/or demolish any trailers, including all attached components, such as skirting, ramps, and tie-downs. Demolish and remove all materials from the wooden shed. Contractor will segregate, classify, and remove all vehicle parts and scrap metal found within the trailers and sheds. (Please see attachment 6).

Bid Alternates Continuation Page

Bid Alt # 7 Flagpole Renovation

Bid Alt # 7 Scope of Work: Repair the concrete base to restore its structural integrity and aesthetic appearance in accordance with military standards. (Please see attachment 7).

Bid Alt # 8 Grounding Rods & Wire Egress

Bid Alt # 8 Scope of Work: Provide a reliable grounding system for electrical installations, complying with NEC and Alaskan regulations according to the ADT&PF. (Please see attachment 8 & 9).

Bid Alt # 9 AKARNG Sign For the Building

Bid Alt # 9 Scope of Work: The Contractor will install a new sign at the Armory, and the installation site will be between the two entrance gates. (Please see attachment 10).

Bid Alternates Continuation Page

Bid Alt # 10 Perimeter Fencing & Gate

Bid Alt # 10 Scope of Work: The Contractor shall provide all necessary labor, materials, tools, equipment, supervision, and quality control to furnish and install a complete, operational perimeter fence at the facility. Then fence shall fully enclose the facility perimeter as specified herein and depicted in the project drawings. (Please see attachment 11).

Bid Alt # 11 Asphalt Front Parking Lot

Bid Alt # 11 Scope of Work: The Contractor will execute the complete paving of all designated parking lots and driveways. The work includes providing and installing all necessary asphalt materials and performing final parking space stripping as detailed in the attachments. All construction activities must maintain strict adherence to all governing State/Federal Standards, local building codes, and all Unified Facilities Criteria (Please see attachment 12).

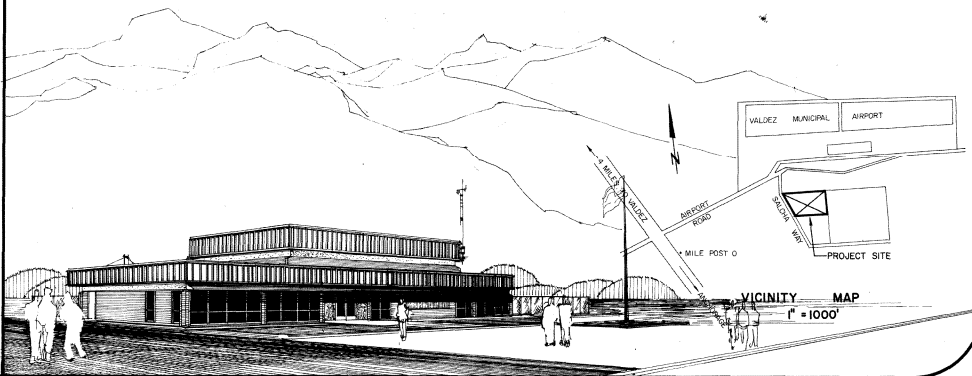
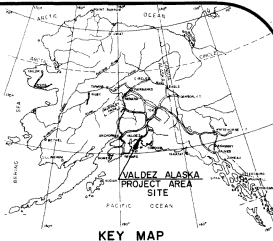
Bid Alt # 12 Asphalt Apron Around Building

Bid Alt # 12 Scope of Work: The Contractor will install a new, durable asphalt apron, 10 to 15 feet wide, around the perimeter of the building to improve drainage, access, and ground stability. Contractor is responsible for temporary relocating any obstacles before excavation and returning the removed obstacles to their original condition or better. Including minor utility adjustments, and general clean-up, all in strict compliance with applicable regulations (Please see attachment 13).

PROJECT

60 MAN NATIONAL GUARD ARMORY / VEHICLE STORAGE AT VALDEZ ALASKA

FUNDED BY THE CITY OF VALDEZ ALASKA AND THE DEFENSE DPT.

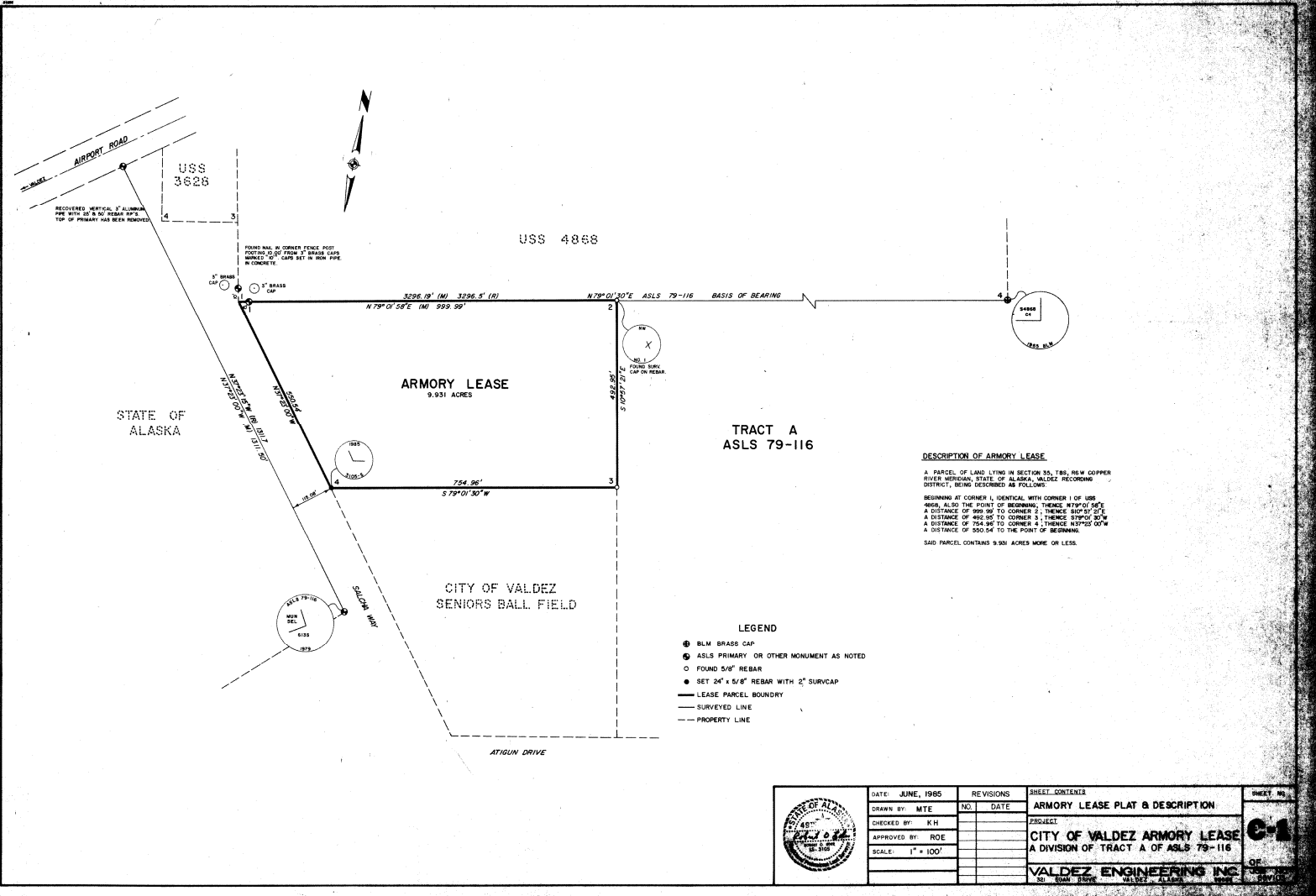


CONSULTANTS

VEI CONSULTANTS
ARCHITECTS & ENGINEERS
P.O. BOX 907 VALDEZ, ALASKA 99686 (907) 835-4995 <-> P.O. BOX 774649 EAGLE RIVER, ALASKA 99577 (907) 694-3574 <-> P.O. BOX 248 PALMER, ALASKA 99645 (907) 745-5315
architect arch fry a ia
GREAT NORTHERN ENGINEERING
MECHANICAL ENGINEER
SFA BOX 6366 WASILLA, ALASKA 99687 (907) 745-8204
LEGG HINTZE ENGINEERS INC.
ELECTRICAL ENGINEER
225E FIREWEED LANE SUITE 203 ANCHORAGE ALASKA 99503 (907)228-0171

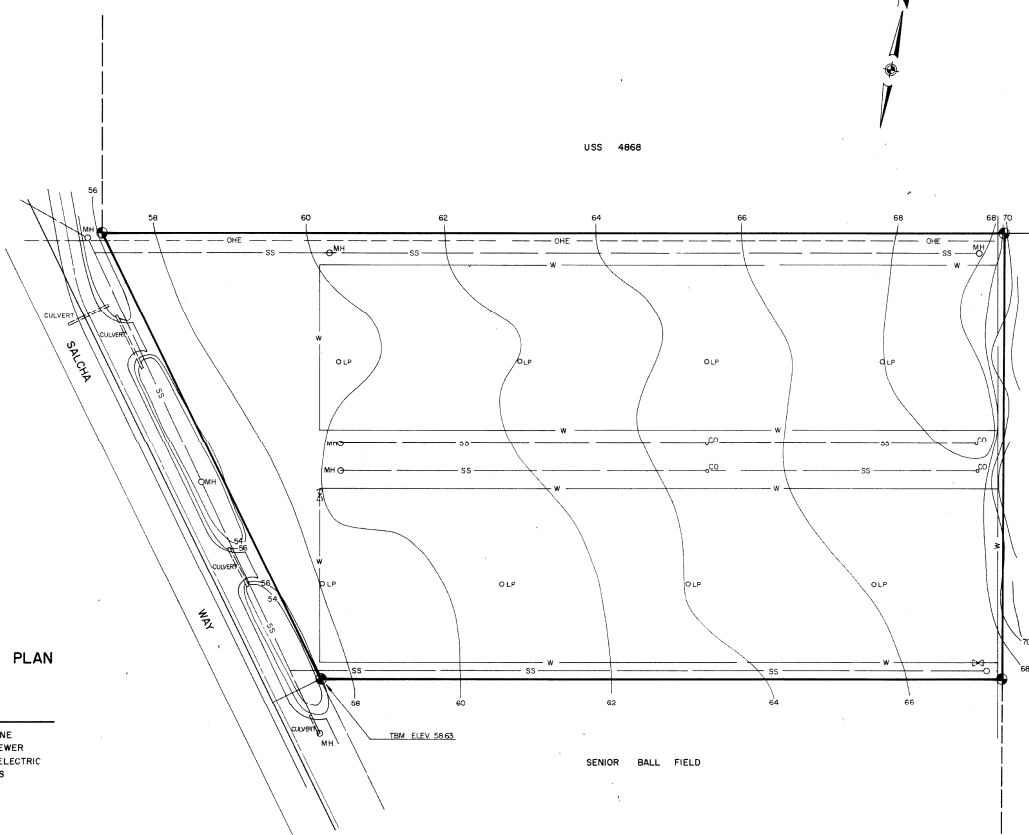
INDEX TO DRAWINGS

SHEET NO	DESCRIPTION
A	COVER SHEET
C	CIVIL
C-1	ARMORY LEASE PLAN & DESCRIPTION
C-2	EXISTING SITE-PLAN
C-3	UTILITIES
A	ARCHITECTURAL
A-0	ABBREVIATIONS, MTRL LEGEND, SYMBOLS & PROJECT DATA
A-1	SITE PLAN & DETAILS
A-2	1/2" SCALE FLOOR & ROOF PLAN
A-3	EXTERIOR ELEVATIONS & DETAILS
A-4	PARTIAL 1/2" SCALE FLOOR PLAN & WALL TYPES
A-5	PARTIAL 1/2" SCALE FLOOR PLAN & REFLECTED CL'G
A-6	BUILDING SECTIONS A-A, B-B, & DETAILS
A-7	BUILDING SECTIONS C-C, D-D, & DETAILS
A-8	WALL SECTION DETAILS
A-9	WALL SECTION DETAILS
A-10	WALL SECTION DETAILS
A-11	TOILET ROOM FLOOR PLAN, ELEVATIONS & ACCESSORIES
A-12	DOOR & WINDOW SCHEDULES
A-13	DOOR & WINDOW DETAILS
A-14	DOOR & MISC. DETAILS
A-15	ROOM FINISHES SCHEDULE
A-16	NOT USED
A-17	DEDUCTIVE ALTERNATE NO. 1
A-18	DEDUCTIVE ALTERNATE NO. 2
S	STRUCTURAL
S-1	DESIGN DATA FOUNDATION PLAN & DETAILS
S-2	ROOF FRAMING PLAN & DETAILS
S-3	STRUCTURAL BLD'G SECTIONS A-A, B-B, & DETAILS
S-4	STRUCTURAL BLD'G SECTION C-C & DETAILS
S-5	STRUCTURAL WALL SECTIONS DETAILS
S-6	STRUCTURAL WALL SECTIONS DETAILS
S-7	STRUCTURAL WALL SECTIONS DETAILS
S-8	STRUCTURAL WALL SECTIONS DETAILS
M	MECHANICAL
M-1	PIPING PLANS
M-2	HEATING & VENTILATION
M-3	SECTION & DETAILS
M-4	LEGEND, NOTES, SCHEDULES
M-5	DETAILS
AS ADVERTISED	
E	ELECTRICAL
E-1	SITE PLAN
E-2	LIGHTING POWER PLANS
E-3	MECHANICAL ROOM / ALARM DETAILS
E-4	SCHEDULE / ONE LINE DIAGRAM



	DATE: JUNE, 1985	REVISIONS	SHEET CONTENTS	SHEET NO. C-1 OF STUDY
	DRAWN BY: MTE	NO. DATE	ARMORY LEASE PLAT & DESCRIPTION	
	CHECKED BY: KH		SUBJECT	
	APPROVED BY: ROE		CITY OF VALDEZ ARMORY LEASE A DIVISION OF TRACT A OF ASLS 79-116	
	SCALE: 1" = 100'		VALDEZ ENGINEERING INC. 501 E. MAIN ST. VALDEZ, ALASKA 99586	

USS 4868



EXISTING SITE PLAN
1"=50'

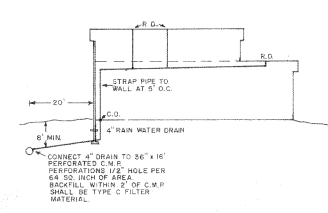
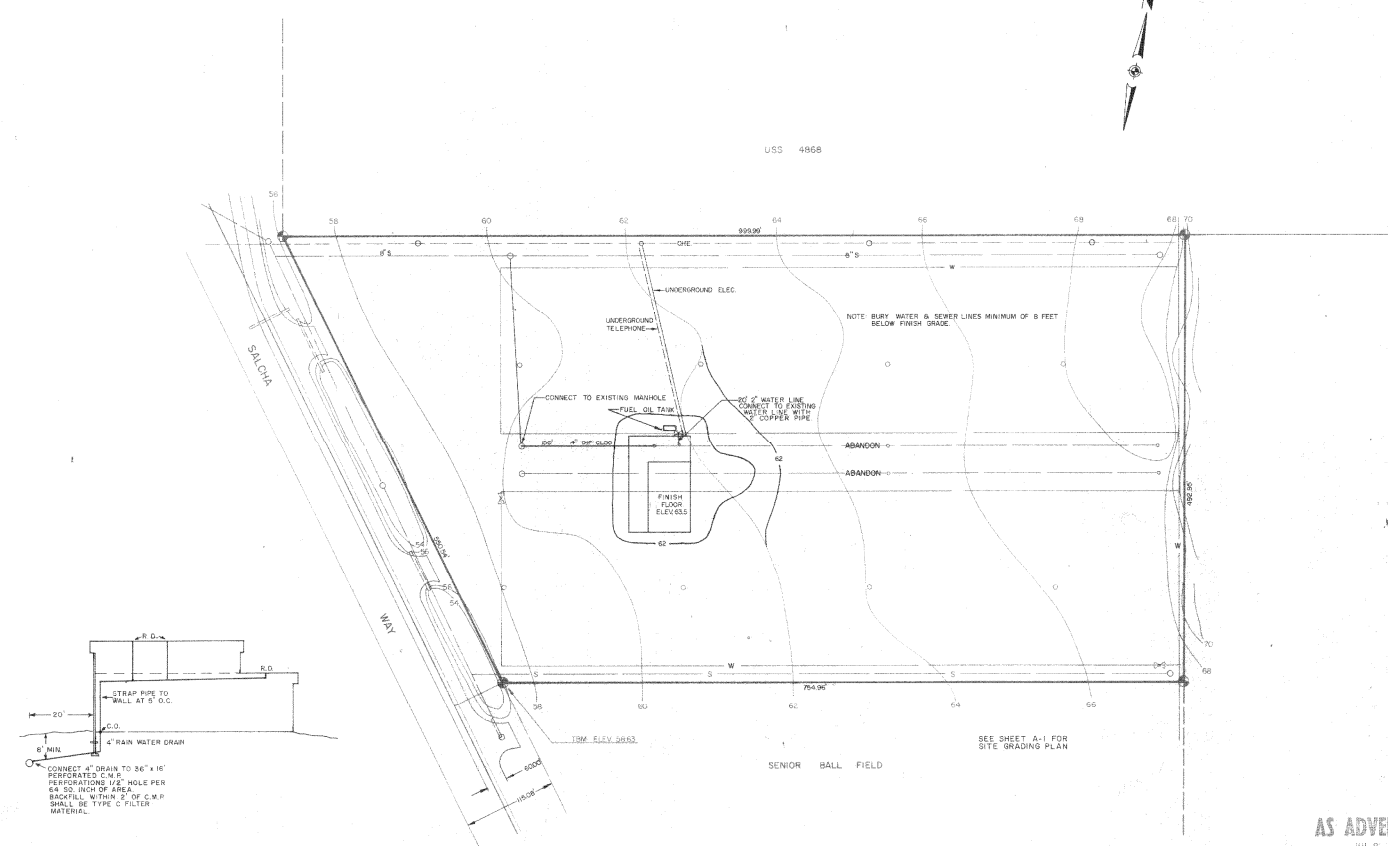
- LEGEND**
- W — 2" WATER LINE
 - SS — SANITARY SEWER
 - OHE — OVERHEAD ELECTRIC
 - LIGHT POLES

AS ADVERTISED

JUL 8 1987

	DATE: JULY 1, 1987	REVISIONS	SHEET CONTENTS	SHEET NO. C-2 OF 3 JOB NO. 86V24	
	DESIGNED BY: ROE	NO.	DATE		EXISTING SITE PLAN
	DRAWN BY: JRL				PROJECT: 60 MAN NATIONAL GUARD
	CHECKED BY: ROE				ARMORY / MOTOR VEHICLE STORAGE
	APPROVED BY: ROE				AT VALDEZ, ALASKA
SCALE: NOTED			VEI CONSULTANTS		

USS 4868






























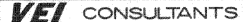
CONNECT 4" DRAIN TO 36" x 18" PERFORATED C.W.P. PERFORATIONS 1/2" HOLE PER 64 SQ. INCH OF AREA. BRACKET WITHIN 2' OF C.W.P. SHALL BE TYPE C FILTER MATERIAL.

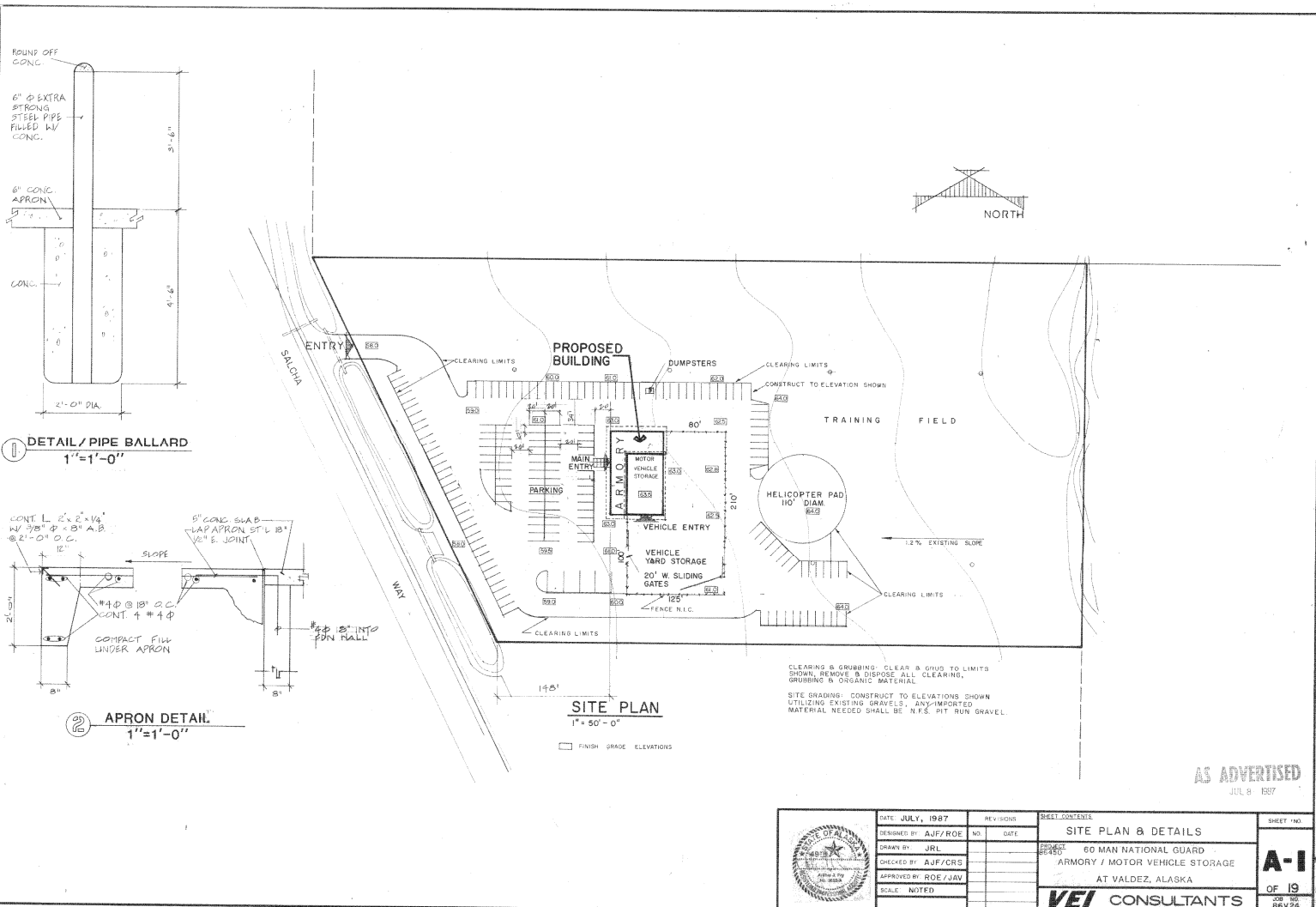
SEE SHEET A-1 FOR SITE GRADING PLAN

SENIOR BALL FIELD

AS ADVERTISED
JUL 8 1987

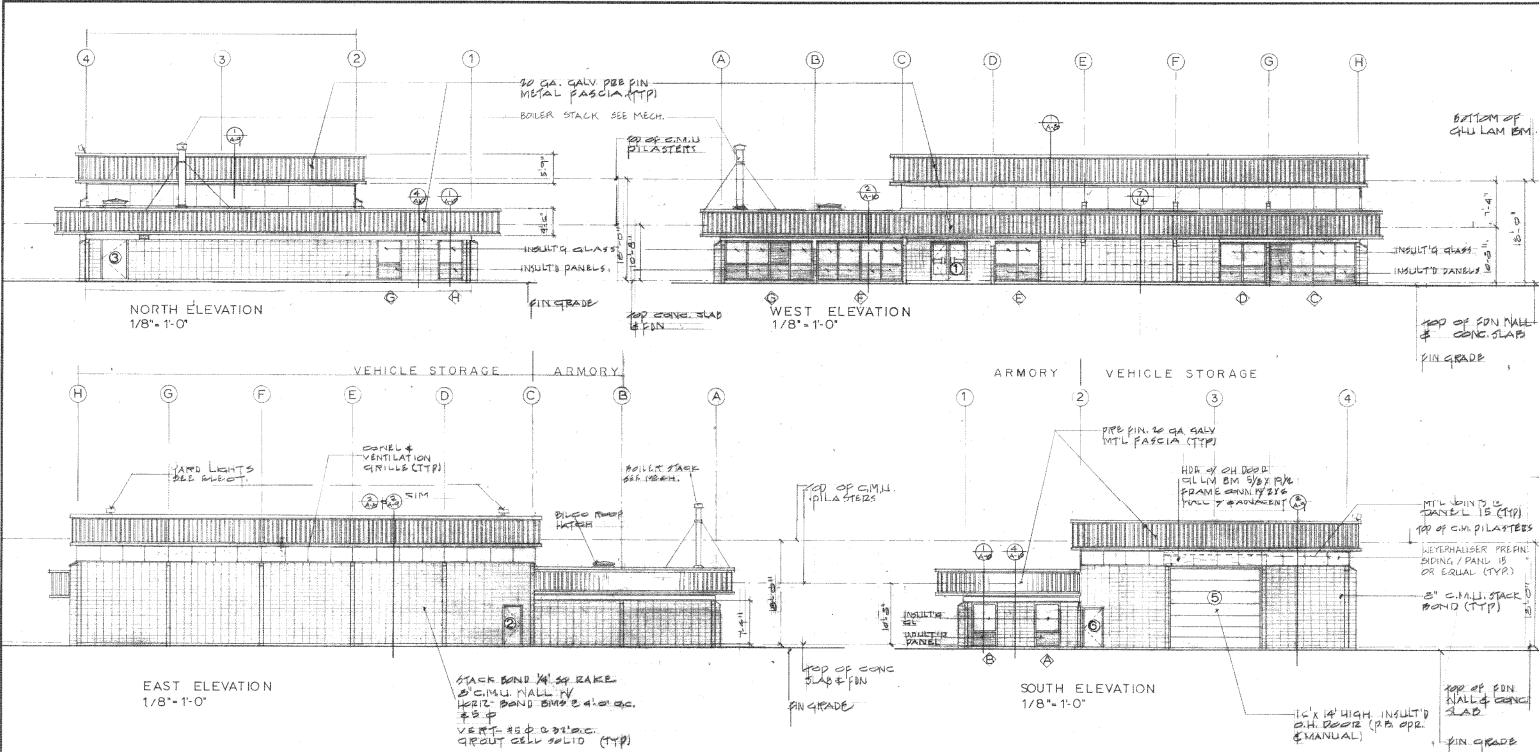
	DATE: JULY, 1987	REV. NO.	DATE	SHEET CONTENTS UTILITIES 60 MAN NATIONAL GUARD ARMORY / MOTOR VEHICLE STORAGE AT VALDEZ, ALASKA VEI CONSULTANTS	SHEET NO. C-3 OF 3 JOB NO. 86V24
	DESIGNED BY: RJE	NO.	DATE		
	CHECKED BY: JRL				
	APPROVED BY: RJE				
	SCALE: 1" = 50'				

ABBREVIATIONS		LEGEND		SYMBOLS																							
<p> ∠ AND CL CENTER LINE # EQUAL NUMBER ∩ PENNY ⊥ PERPENDICULAR R PLATE ∅ ROUND ACT. ACoustICAL TILE A.D. ADJUSTABLE AL. ALUMINUM A.S. ANCHOR BOLT ARCH. ARCHITECT ASSY. ASSEMBLY B.M. BEAM B.M. BENCH MARK BTWN. BETWEEN BLK'G. BLOCKING BD. BOARD BD. BOTTOM BLDG. BUILDING CARP. CARPET C.B. CATCH BASIN OR CHALKBOARD CEIL. CEILING C.C. CENTER TO CENTER C.T. CERAMIC TILE C.H. COAT HOOK C.W. COLD WATER COL. COLUMN CONC. CONCRETE C.A.B. CONCRETE ASBESTOS BOARD C.M.U. CONCRETE MASONRY UNIT CONT. CONTINUOUS C.F.I. CONTRACTOR FURNISHED & INSTALLED DEPT. DEPARTMENT DET. DETAIL DIM. DIMENSION D.M. DISH WASHER DIV. DIVISION DR. DOOR DBL. DOUBLE DN. DOWN D.S. DOWN SPOUT DWG. DRAWING D.F. DRINKING FOUNTAIN EA. EAST E. EAST ELECT. ELECTRICAL ELEV. ELEVATION E.F.C. EPOXY FLOOR COVERING F.W.C. EPOXY WALL COVERING EQ. EQUAL EXIST. EXISTING EXP. EXPANSION EXT'N. EXTERIOR F.F. FACTORY FINISH F.E.C. FIRE EXTINGUISHER F.W. FIRE HYDRANT FLASH'G. FLASHING F.E. FLAT ENAMEL F.D. FLOOR DRAIN FT. FOOT FT. FOOTING FDN. FOUNDATION GALV. GALVANIZED GL. GLASS G.E. GLASS ENAMEL GLU. LAM. GLUE LAMINATED GYP. GYPSUM G.W.B. GYPSUM WALL BOARD </p>	<p> H.W.D. HARDWOOD H.T. HEIGHT H.C. HOLLOW CORE H.M. HOLLOW METAL HORIZ. HORIZONTAL H.B. HOSE BIBB H.W. HOT WATER H.W.T. HOT WATER TANK INCL. INCLUDE I.D. INSIDE DIAMETER INSUL. INSULATION INV. INVERT I.E. INVERT ELEVATION INT. INTERIOR JAN. JANITOR JT. JOINT K. KICK PLATE K.D. KILN DRIED KIT. KITCHEN K.D. KNOCK DOWN L.B. LAG BOLT LAM. LAMINATED LAV. LAVATORY LES. POUNDS M.B. MACHINE BOLT M.H. MAX. HOLE M.O. MASONRY OPENING MAX. MAXIMUM MECH. MECHANICAL M.C. MEDICINE CABINET RED. YEDIM M.D.O. MEDIUM DENSITY OVERLAY MEL. METAL MISC. MISCELLANEOUS MOD. MODIFY MT. MOUNTED M.V.S. MOTOR VEHICLE STORAGE NOM. NOMINAL N. NORTH N.I.C. NOT IN CONTRACT N.T.S. NOT TO SCALE NO. NUMBER O.C. ON CENTER OP'G. OPENING O.D. OUTSIDE DIAMETER O.H. OVER HEAD O.F.I. OWNER FURNISHED & INSTALLED O.F.C.I. OWNER FURNISHED - CONTRACTOR INSTALLED PR. PAIR P.T.D. PAPER TONEL DISPENSER PL. PLASTIC P.S.I. POUNDS PER SQUARE INCH P.B. DPR. PUSH BUTTON OPERATED Q.T. QUARRY TILE RL. RAINTLEADER REV. REVISION R.D. ROOF DRAIN RM.L. ROOFWATER LEADER RO. ROOF R.O. ROUGH OPENING R.B. RUBBER BASE </p>	<p> SAN. NAP. DISP. SANITARY NAPKIN DISPOSAL SAN. NAP. DISPEN. SANITARY NAPKIN DISPENSER S'AC'IA SHEET METAL & AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION SHT. VENT. SHEET VINYL SHV.S. SHELVES SIM. SIMILAR S.D. SOAP DISPENSER S.C. SOLID CORE S. SOUTH SPECS. SPECIFICATION SQ. SQUARE S.S. STAINLESS STEEL STD. STANDARD STR. STRUCTURE T.B. TACKBOARD OR TONEL BAR TEMP. TEMPERATURE T. TILE T.P.H. TOILET PAPER HOLDER T.D. TONEL DISPENSER TRF. TRYPHON U.L. UNDERWRITERS LABORATORY UNFIN. UNFINISHED U.B.E. UNIFORM BUILDING CODE UN. HR. UNIT HEATER U.S.N. UNLESS OTHERWISE NOTED VPR.BR. VAPOR BARRIER V. VENEER VENT. VENTILATION VERT. VERTICAL V.G. VERTICAL GRAIN VEST. VESTIBULE V.A.T. VINYL ASBESTOS TILE V.N.F. VINYL WALL FABRIC W.A. WASH & WAX W.R. WASTE RECEPTACLE WR. RESINT. WATER RESISTANT W.P. WEATHER PROOF HT. HEIGHT N. WEST OF YARD A.G.L. WIRE GLASS W. WITH W/O. WITHOUT WO. WOOD YD. YARD Y.H. YARD HYDRANT </p>	<p>  CONCRETE (LARGE SCALE)  CONCRETE (SMALL SCALE)  CONCRETE MASONRY UNIT  GRAVEL  WOOD (MILLED)  WOOD FRAMING  RIGID INSULATION  BATT INSULATION  METAL  GLASS  WIRE GLASS  PLYWOOD  EARTH IN SECTION  EXISTING CONTOURS  NEW CONTOURS  SECTION NUMBER  DETAIL NUMBER  DRAWING SHEET NUMBER  BUILDING CROSS SECTION  DRAWING SHEET NUMBER  INTERIOR ELEVATION  DRAWING SHEET NUMBER  DOOR NUMBER  WINDOW  FIRE EXTINGUISHER  GRID LINES </p>																								
<p align="center">CODE INFORMATION</p>				<p> LEGAL DESCRIPTION: A DIVISION OF TRACT "A" OF ASLS 79-116 CONTAINING 9.95 ACRES ZONING: LIGHT INDUSTRIAL BUILDING CODE: CITY OF VALDEZ CODES & REGULATIONS OCCUPANCY TYPE: ARMORY 3-2 MOTOR VEHICLE STORAGE 8-1 TYPE OF CONSTRUCTION: ARMORY TYPE II 1 HR MOTOR VEHICLE STORAGE TYPE II 1 HR BUILDING HEIGHT: ARMORY 13' - 5" MOTOR VEHICLE STORAGE 23' - 0" SQUARE FOOTAGE: ARMORY 2011 SQ. FT. MOTOR VEHICLE STORAGE 3820 SQ. FT. TOTAL: 7751 SQ. FT. OCCUPANCY LOAD: ARMORY 70 MOTOR VEHICLE STORAGE 76 OCCUPANCY SEPARATION: ARMORY 1 HR MOTOR VEHICLE STORAGE 1 HR FIRE PROTECTION: ARMORY ELECTRONIC MOTOR VEHICLE STORAGE ELECTRONIC PARKING: REQUIRED 30 SPACES PROVIDED 163 SPACES </p>																							
<p align="right">AS ADVERTISED JUL 8 1967</p>																											
<p>  </p>		<table border="1"> <tr> <th>DATE</th> <th>REVISIONS</th> <th>SHEET CONTENTS</th> </tr> <tr> <td>JULY, 1967</td> <td>NO. DATE</td> <td>ABBREVIATIONS, MTR'L LEGEND, SYMBOLS & PROJECT DATA</td> </tr> <tr> <td>DESIGNED BY: AJF</td> <td></td> <td></td> </tr> <tr> <td>DRAWN BY: CSJ</td> <td></td> <td></td> </tr> <tr> <td>CHECKED BY: AJF/CFS</td> <td></td> <td></td> </tr> <tr> <td>APPROVED BY: ROE</td> <td></td> <td></td> </tr> <tr> <td>SCALE: NOTED</td> <td></td> <td></td> </tr> </table>		DATE	REVISIONS	SHEET CONTENTS	JULY, 1967	NO. DATE	ABBREVIATIONS, MTR'L LEGEND, SYMBOLS & PROJECT DATA	DESIGNED BY: AJF			DRAWN BY: CSJ			CHECKED BY: AJF/CFS			APPROVED BY: ROE			SCALE: NOTED			<p> PROJECT: 60 MAN NATIONAL GUARD ARMORY / MOTOR VEHICLE STORAGE AT VALDEZ, ALASKA  </p>		<p> SHEET NO. A-0 OF 19 <small>JOB NO. 86 86V24</small> </p>
DATE	REVISIONS	SHEET CONTENTS																									
JULY, 1967	NO. DATE	ABBREVIATIONS, MTR'L LEGEND, SYMBOLS & PROJECT DATA																									
DESIGNED BY: AJF																											
DRAWN BY: CSJ																											
CHECKED BY: AJF/CFS																											
APPROVED BY: ROE																											
SCALE: NOTED																											




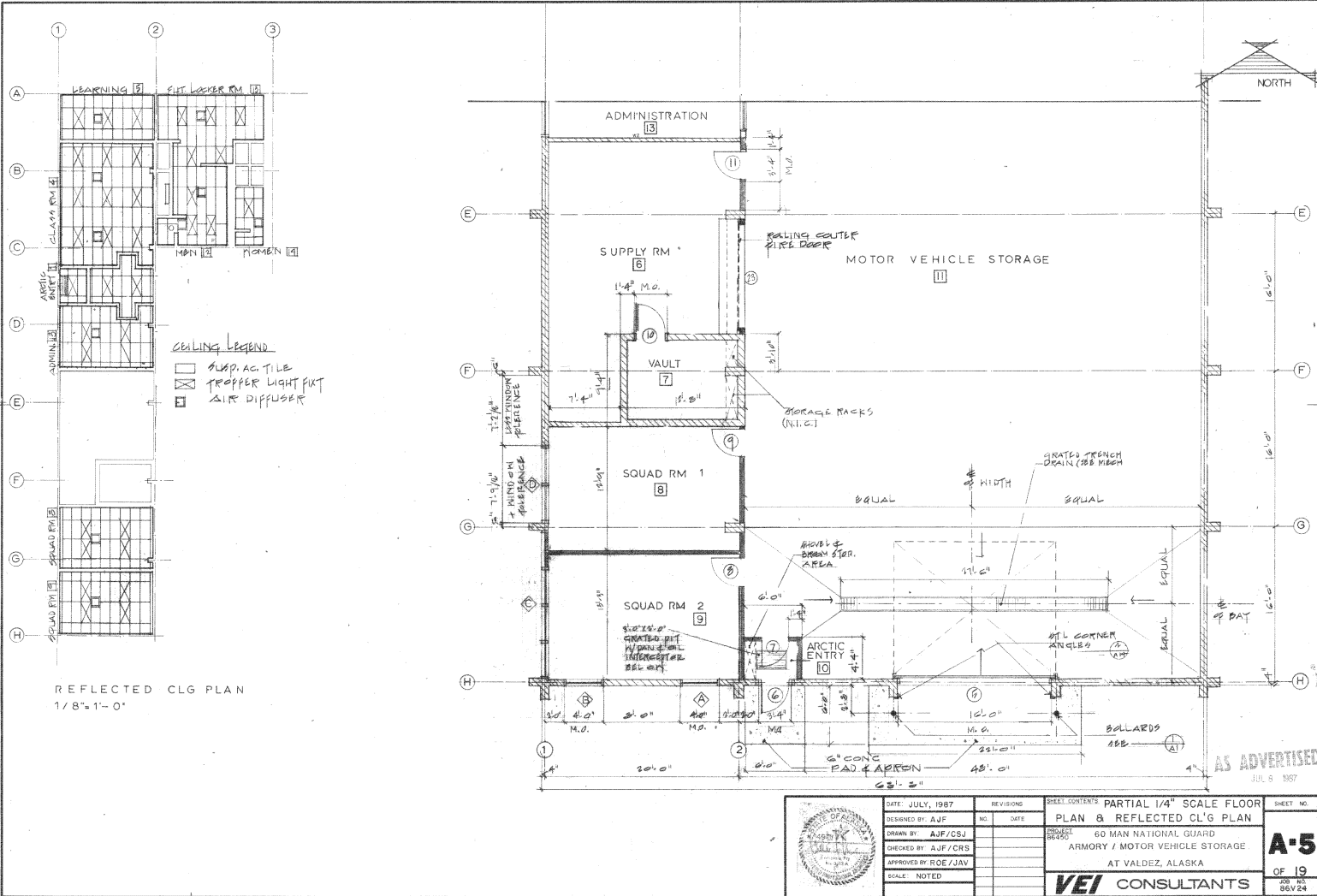
AS ADVERTISED
JULY 8 1987

	DATE: JULY, 1987	REV. NO.	SHEET NO./TOTAL	SHEET NO.
	DESIGNED BY: AJF/ROE	NO.	DATE	
	DRAWN BY: JRL			
	CHECKED BY: AJF/CRS			
	APPROVED BY: ROE/JAV			
SCALE: NOTED				
SITE PLAN & DETAILS			PROJECT 60 MAN NATIONAL GUARD ARMORY / MOTOR VEHICLE STORAGE AT VALDEZ, ALASKA	
VEI CONSULTANTS			A-1 OF 19 JOB NO. 86V24	



AS ADVERTISED
JUL 13 1987

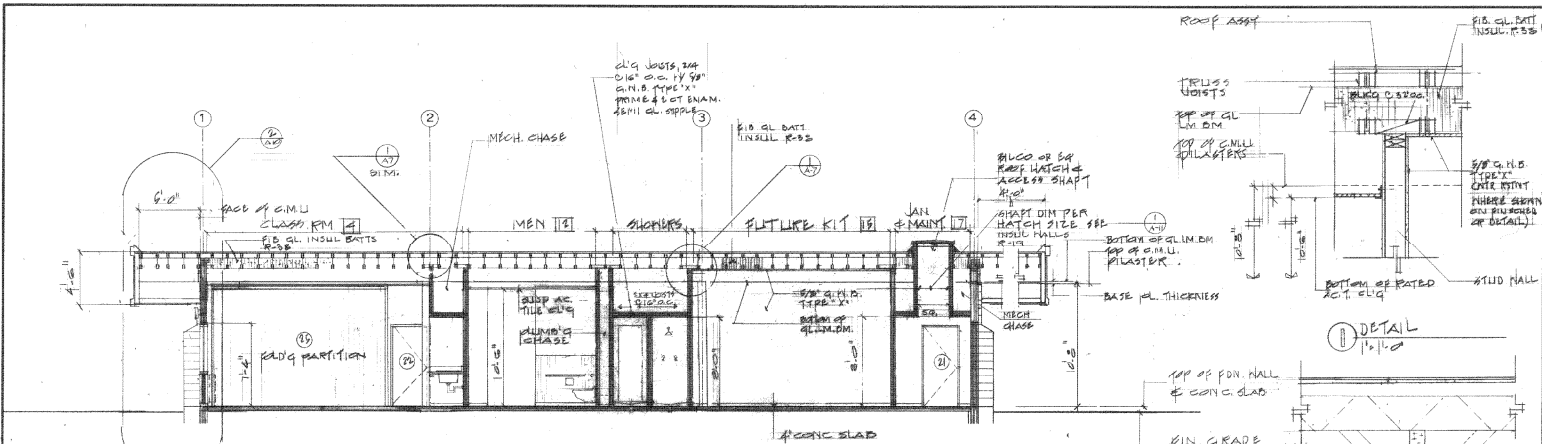
	DATE: JULY, 1987	REVISIONS	SHEET CONTENTS	SHEET NO.
	DESIGNED BY: AJF	NO. DATE	EXTERIOR ELEVATIONS & DETAILS	
	DRAWN BY: AJF		80 MAN NATIONAL GUARD	
	CHECKED BY: AJE/CRS		ARMORY / MOTOR VEHICLE STORAGE	
	APPROVED BY: ROE/JAV		AT VALDEZ, ALASKA	
SCALE: NOTED			VEI CONSULTANTS	OF 19 JOB NO. 86V24



REFLECTED CLG PLAN
1/8" = 1'-0"

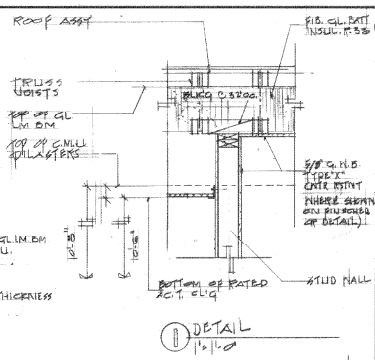
	DATE: JULY, 1987	REVISIONS	SHEET CONTENTS	PARTIAL 1/4" SCALE FLOOR	SHEET NO.
	DESIGNED BY: AJF	NO. DATE	PLAN 8 REFLECTED CL'G PLAN		
	DRAWN BY: AJF/CSJ		PROJECT		
	CHECKED BY: AJF/CRS		60 MAN NATIONAL GUARD		
	APPROVED BY: ROE/JAV		ARMORY / MOTOR VEHICLE STORAGE		
SCALE: NOTED			AT VALDEZ, ALASKA		
			VEI CONSULTANTS		A-5
					OF 19
					DOB NO 86V24

AS ADVERTISED
JUL 8 1987



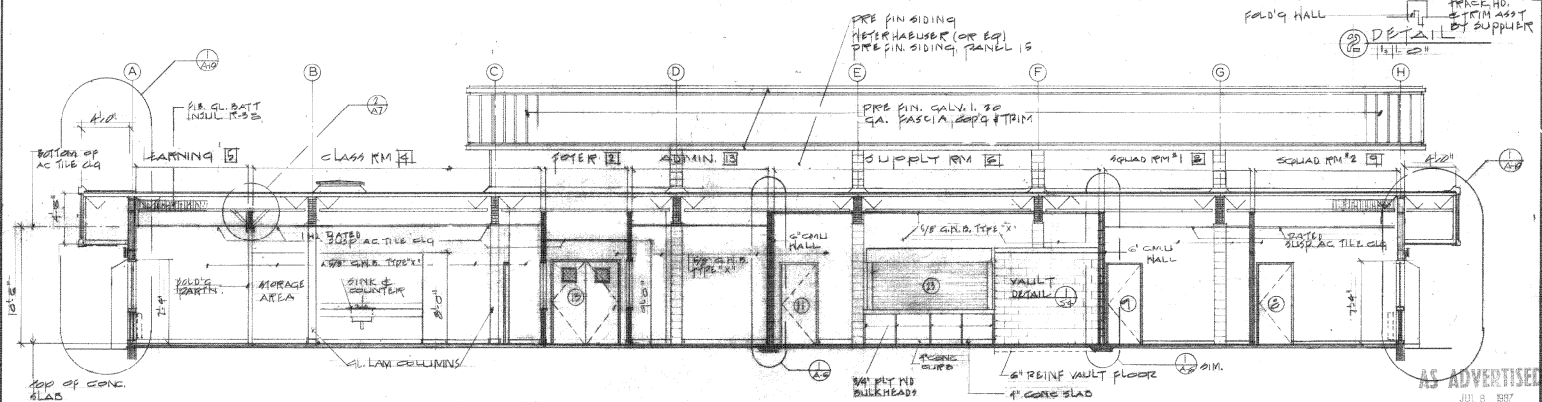
C-C BUILDING SECTION

1/4" = 1'-0"



DETAIL


1/4" = 1'-0"

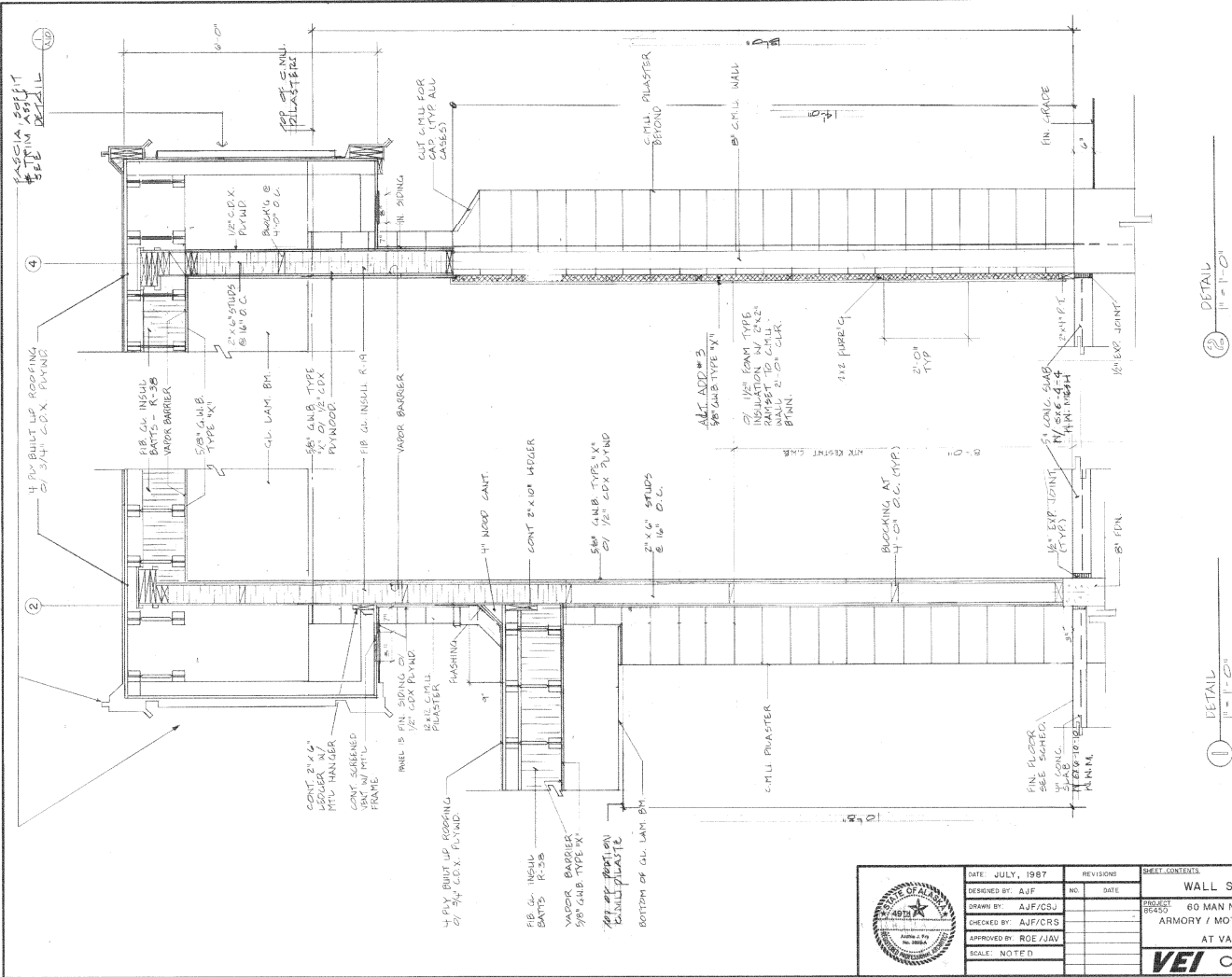


D-D BUILDING SECTION

1/4" = 1'-0"


AS ADVERTISED
JUL 8 1987

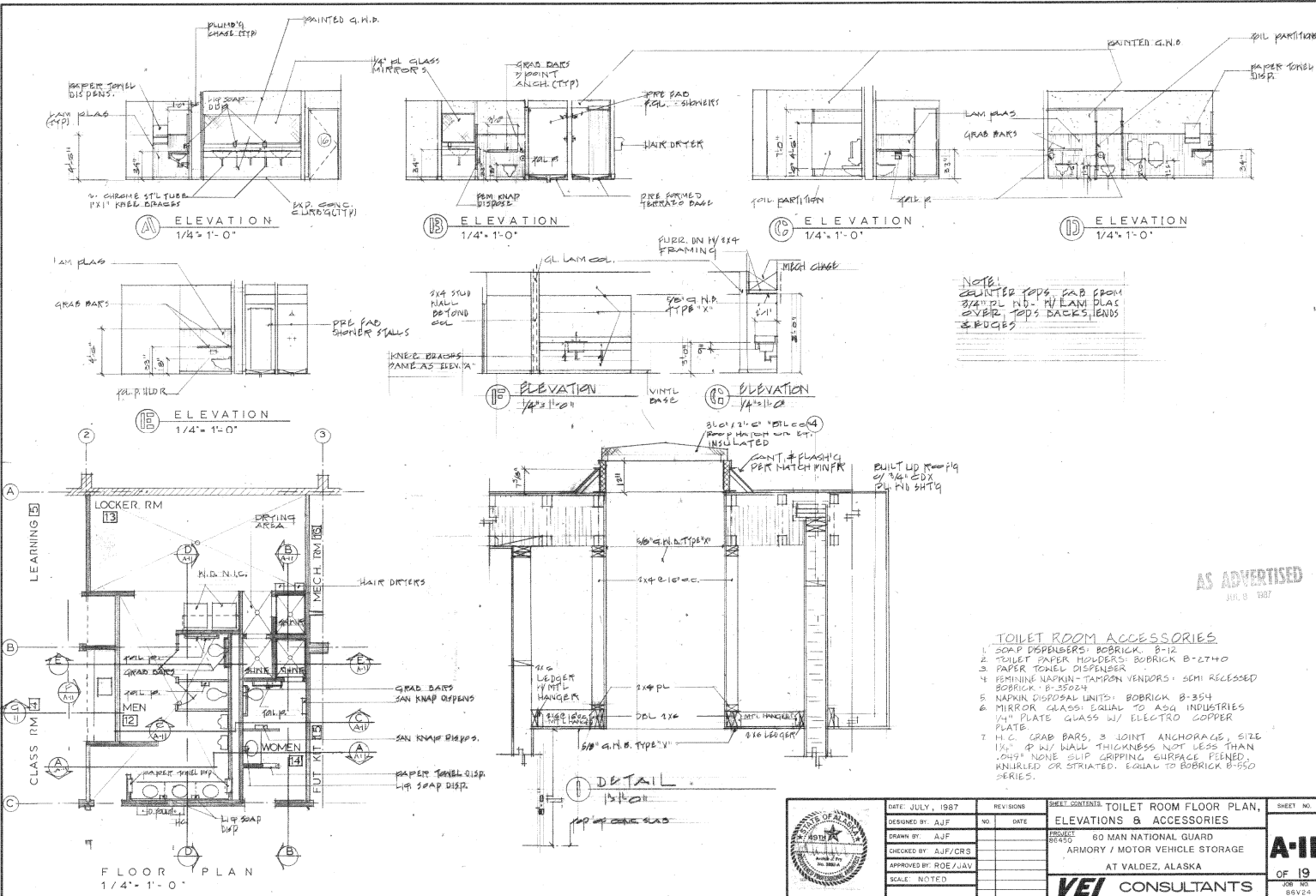
	DATE: JULY, 1987	REVISIONS:	SHEET CONTAINS:	BUILDING SECTIONS	SHEET NO.
	DESIGNED BY: AJF	NO.:	DATE:	C-C, D-D & DETAILS	
	DRAWN BY: AJF/CSJ			60 MAN NATIONAL GUARD	A-7
	CHECKED BY: AJF/CRS			ARMORY / MOTOR VEHICLE STORAGE	OF 19
	APPROVED BY: ROE/JAV			AT VALDEZ, ALASKA	08 10
	SCALE: NOTED			VEI CONSULTANTS	86V24



AS ADVERTISED

JUL 8 1987

	DATE	JULY, 1987	REVISIONS	SHEET CONTENTS	SHEET NO. A-8 OF 19 <small>306 80 86V24</small>
	DRAWN BY	AJF/CJS	NO.		
	CHECKED BY	AJF/CRS	DATE		
	APPROVED BY	ROE/JAV	PROJECT	60 MAN NATIONAL GUARD ARMORY / MOTOR VEHICLE STORAGE AT VALDEZ, ALASKA	
	SCALE	NOTED		VEI CONSULTANTS	



NOTE:
 COUNTERTOPS FAB FROM
 3/4\"/>

AS ADVERTISED
 JUL 8 1987

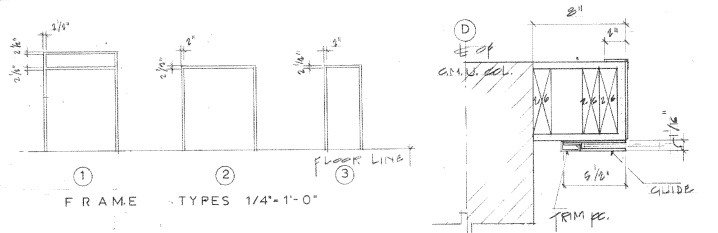
- TOILET ROOM ACCESSORIES**
1. SOAP DISPENSERS: BOBRICK B-12
 2. TOILET PAPER HOLDERS: BOBRICK B-2740
 3. PAPER TOWEL DISPENSER
 4. FEMININE NAPKIN-TAMPON VENDORS: SEMI RECESSED BOBRICK B-3504
 5. NAPKIN DISPOSAL UNITS: BOBRICK B-354
 6. MIRROR GLASS: EQUAL TO ASD INDUSTRIES 1/4\"/>



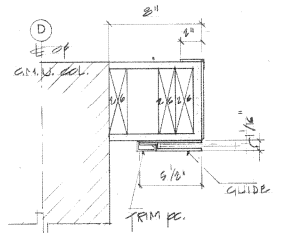
DATE	REVISIONS	SHEET CONTAINS	SHEET NO.
DATE: JULY, 1987	NO. DATE	TOILET ROOM FLOOR PLAN, ELEVATIONS & ACCESSORIES	
DESIGNED BY: AJF		PROJECT: 80 MAN NATIONAL GUARD ARMORY / MOTOR VEHICLE STORAGE AT VALDEZ, ALASKA	A-11
DRAWN BY: AJF			OF 19
CHECKED BY: AJF/CRS			88V2
APPROVED BY: ROE/JAV		VEI CONSULTANTS	
SCALE: NOTED			

DOOR SCHEDULE

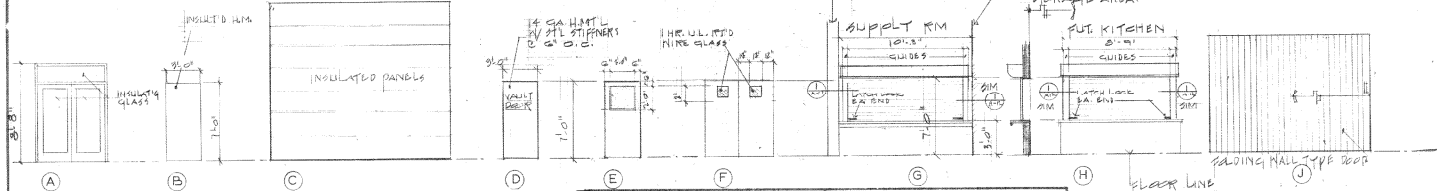
NO.	TYPE	SIZE	MTRL.		TYPE	MTRL.	FIN.	HWR	UL	RTO	DETAILS			REMARKS
			HD	JB							SI	HD	JB	
1	A	PR 3'-0" x 7'-0"	ABB	1	A	1	1	---	---	---	---	---	---	1
2	B	PR 3'-0" x 7'-0"	ABB	1	A	1	2	---	---	---	---	---	---	2
3	B	3'-0" x 7'-0" x 13/16"	B	2	3	C	2	3	---	---	---	---	---	3
4	B	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	3	---	---	---	---	---	4
5	C	16'-0" x 14'-0"	E	3	---	---	---	---	---	---	---	---	---	5
6	B	3'-0" x 7'-0" x 13/16"	D	2	3	C	2	3	---	---	---	---	---	6
7	B	3'-0" x 7'-0" x 13/16"	D	2	3	C	2	4	---	---	---	---	---	7
8	B	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	5	---	---	---	---	---	8
9	B	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	5	---	---	---	---	---	9
10	D	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	5	---	---	---	---	---	10
11	B	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	5	---	---	---	---	---	11
12	B	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	7	---	---	---	---	---	12
13	B	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	8	---	---	---	---	---	13
14	B	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	9	---	---	---	---	---	14
15	B	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	5	---	---	---	---	---	15
16	B	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	10	---	---	---	---	---	16
17	B	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	10	---	---	---	---	---	17
18	B	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	5	---	---	---	---	---	18
19	B	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	5	---	---	---	---	---	19
20	B	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	5	---	---	---	---	---	20
21	B	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	5	---	---	---	---	---	21
22	G	3'-0" x 7'-0" x 13/16"	C	2	3	C	2	11	---	---	---	---	---	22
23	H	10'-3" x 7'-0"	H	3	3	F	5	6	---	---	---	---	---	23
24	H	8'-0" x 7'-0"	H	3	3	F	5	6	---	---	---	---	---	24
25	J	14'-0" x 12'-6"	G	5	---	---	---	---	---	---	---	---	---	25



FRAME TYPES 1/4"-1'-0"



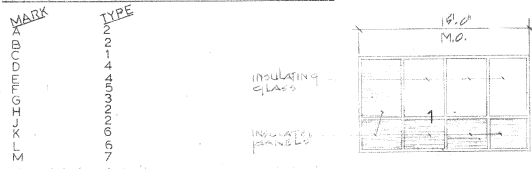
DETAIL GUIDE AT JAMB



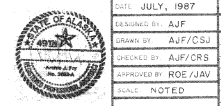
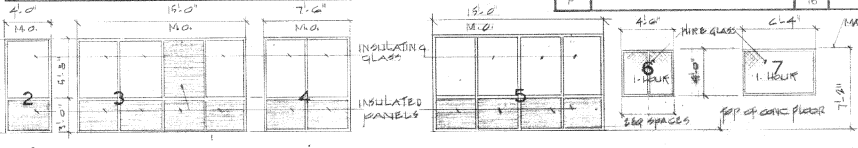
DOOR TYPES 1/4"-1'-0"

MATERIALS LEGEND		FINISHES LEGEND	
MARK	DESCRIPTION	MARK	DESCRIPTION
A	ANODIZED ALUM FRAME	1	FACTORY
B	5/8" TEMPERED INSULT'G GLAS	2	FACTORY PRIME B FIELD 2 CT ENAM
C	HOLLOW METAL	3	FACTORY PRE FIN
D	HOLLOW METAL B INSULATED	4	
E	MT'L PANEL INSULATED	5	
F	METAL	6	
G	WOOD PANELS	7	
H	FACTORY	8	
I		9	
J	WOOD	10	
K	STEEL	11	
L	FULL HV CONCRETE	12	
M		13	
N		14	
O		15	
P		16	

WINDOW SCHEDULE & TYPES



WINDOW TYPES 1/4"-1'-0"

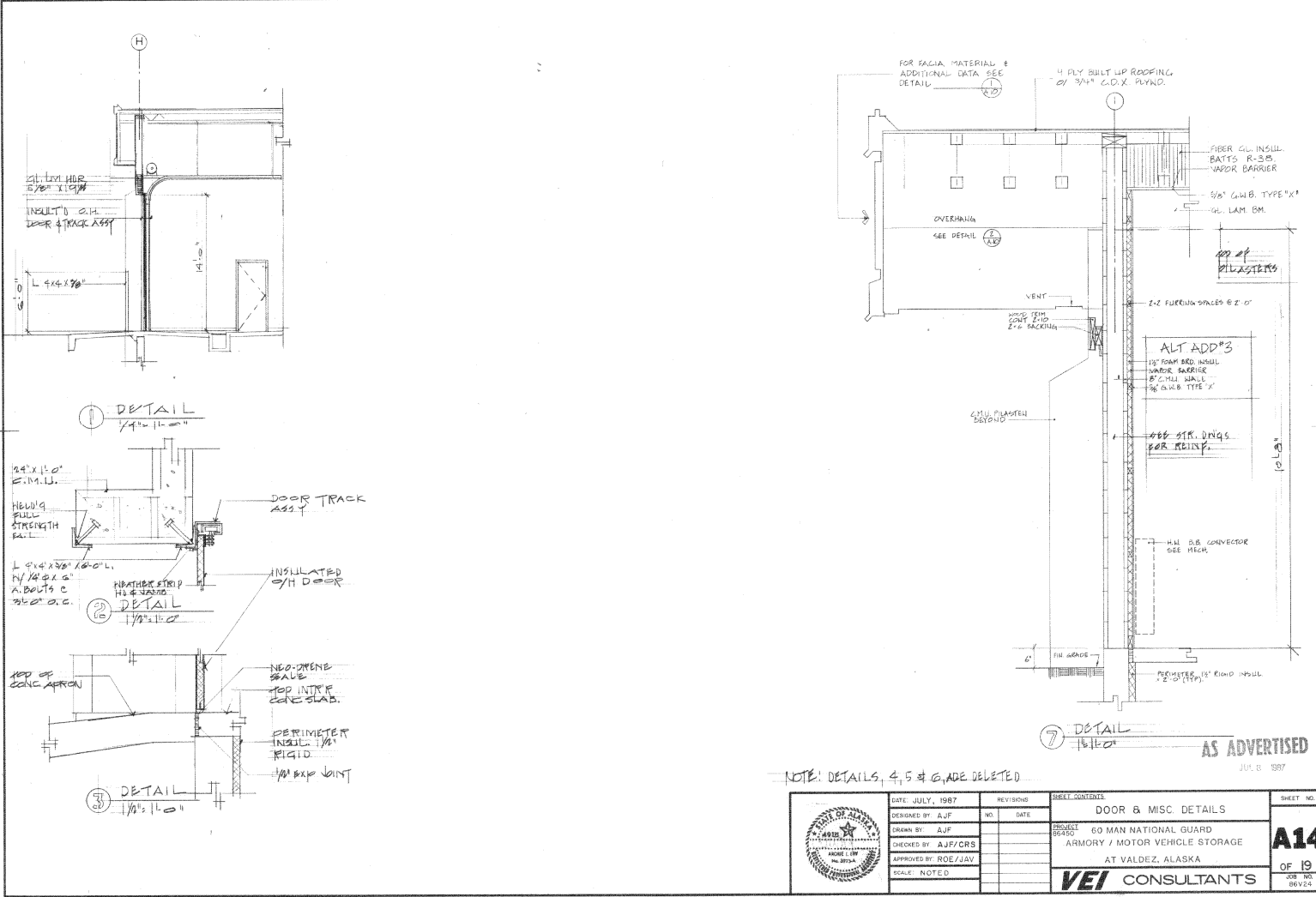


DATE: JULY, 1987	REVISED:	SHEET CONTAINS:	SHEET NO.
DESIGNED BY: AJF	PRO: DATE:	DOOR & WINDOW SCHEDULES	
CHECKED BY: AJF/CSJ		60 MAN NATIONAL GUARD	
DRAWN BY: AJF/CRS		ARMORY / MOTOR VEHICLE STORAGE	
APPROVED BY: ROE/JAV		AT VALDEZ, ALASKA	
SCALE: NOTED			

AS ADVERTISED
JUL 8 1987

A12
OF 19
JOB NO. 86V24

VEI CONSULTANTS



NOTE: DETAILS 4, 5 & 6, ADE DELETED

DATE: JULY, 1987		REVISIONS		SHEET CONTENTS		SHEET NO.	
DESIGNED BY: AJF	NO.	NO.	DATE	DOOR & MISC. DETAILS		A14	
DRAWN BY: AJF				60 MAN NATIONAL GUARD		OF 19	
CHECKED BY: AJF/CRS				ARMORY / MOTOR VEHICLE STORAGE		JOB NO. 86V22	
APPROVED BY: ROE/JAV				AT VALDEZ, ALASKA			
SCALE: NOTED				VEI CONSULTANTS			

ROOM FINISHES SCHEDULE											
NO.	ROOM	FLOOR	BASE	WALLS				CLG	CLG	W. SCOT	REMARKS
			EAST	SOUTH	WEST	NORTH	HT.	HT.	HT.		
1	OFFICE	2	A	G	D	D	D	9'-0"	C	4'-0"	4'-0" HIGH LAM PLAS. WAINSCOTT
			2	7.83	4	4	4	4	4		
2	OFFICE	2	F	G	C	C	C	9'-0"	E		
			3	7.83	4	4	4	4	7		
3	OFFICE	2	F	S	C	I	CBI	10'-6"	E		
			3	7.83	4	5	4.85	4	7		
4	OFFICE	2	F	G	CBK	C	CBJ	10'-6"	E		SEE DWG FOR COUNTER SPACE & STORAGE DATA
			3	7.83	4.86	4	4.87	4.86	7		
5	OFFICE	2	F	G	C	CBK	CBJ	10'-6"	E		
			3	7.83	4	4.86	4.87	5	7		
6	OFFICE	2	A		CBT	I	I	10'-6"	E		
			2		4.85	5	5	5	7		
7	OFFICE	2	K		L	L	L		L		
			2		5	5	5	5	5		
8	OFFICE	2	A	G	C	C	JB1	10'-6"	E		
			2	7.83	4	4	7.85	5	7		
9	OFFICE	2	A	G	C	I	J	10'-6"	E		
			2	7.83	4	5	7	4	7		
10	OFFICE	2	B	G	D	D	D	8'-0"	C		
			2	7.83	4	4	4	4	4		
11	OFFICE	2	B		1,0AK	D81	D81	D	C	8'-0"	
			2		3.93K	9.83	9.89	9	4		
12	OFFICE	2	A	G	D&H	D&H	D&H	D&H	9'-0"	E	4'-0"
			2	7	4.97	4.87	4.87	4.87	7		
13	OFFICE	2	A		D	D	D	I	9'-0"		
			2	6	9	9	9	5			
14	OFFICE	2	A	G	D&H	D&H	D&H	D&H	8'-0"	E	4'-0"
			2	7	4.87	4.87	4.87	4.87	7		
15	OFFICE	2	A		C	C	C	10'-6"	C		
			2		8	8	8	8	8		
16	OFFICE	2	A		1	C	C	10'-6"	C		
			2		5	4	4	4	5		
17	OFFICE	2	A		1	C	C	8'-0"	C		
			2		5	4	4	4	4		

EXTERIOR FINISHES

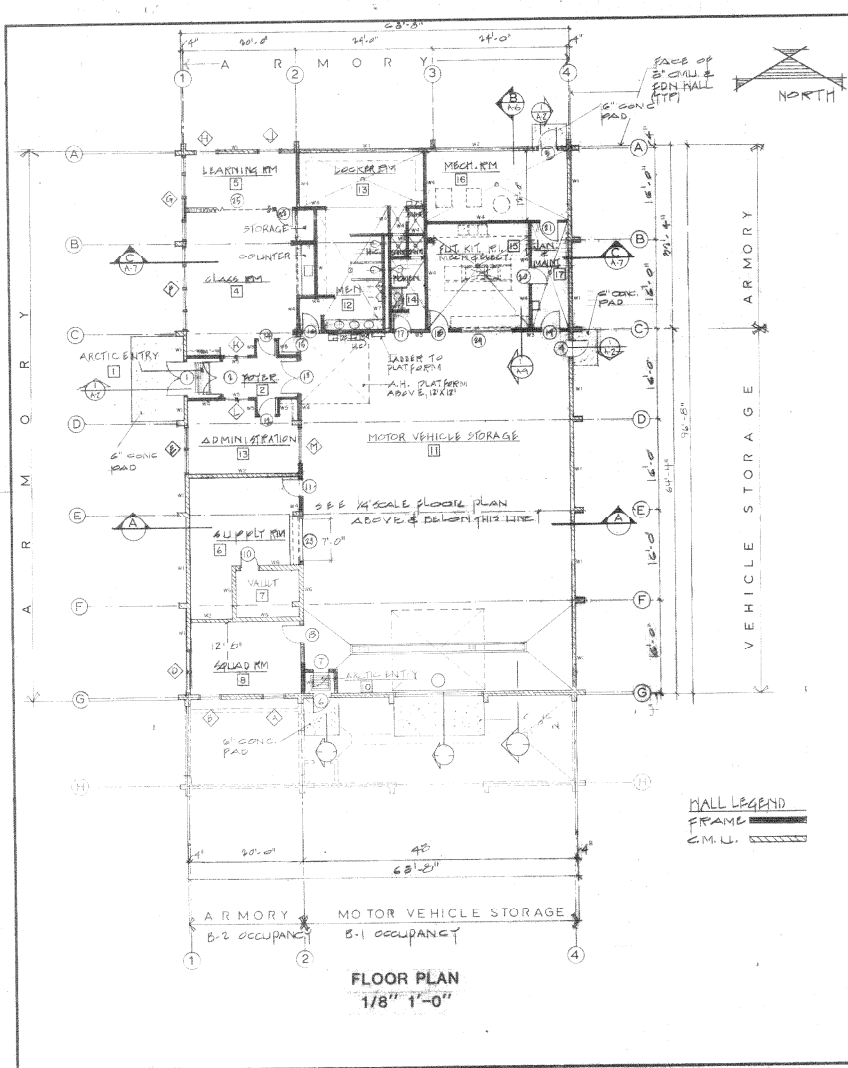
FACIA
 TRIM WOOD
 FLASHING
 SOFFIT
 SOFFIT VENT
 EXTERIOR

FACTORY FINISH
 2 COATS OLYMPIC STAIN
 20 GA. G.I. PREFIN.
 (SIN. TO MATCH FASCIA)
 WEYERHAEUSER PREFIN. 5/8"
 SIDING PANEL 15 (OR EQUAL)
 OR 2" L.D.X. PLYWOOD
 FRAM. - PREFIN. METAL
 C.M.L. WALLS & PILASTERS
 2 COATS THOMPSON WATER
 SEALE.

MATERIALS LEGEND		FINISHES LEGEND	
MARK	DESCRIPTION	MARK	DESCRIPTION
A	4" CONC.	1	SMOOTH TROWEL
B	5" CONC.	2	SMOOTH TROWEL & SEAL
C	5/8" G.W.B. TYPE "X"	3	CLEAN
D	5/8" G.W.B. TYPE "X" WTR. RSTMT.	4	PAINT 2 CT. SEMI GLOSS ENAM.
E	ACOUSTIC TILE HATED (FIRE GUARD)	5	SEAL & 2 CT. SEMI GLOSS ENAM.
F	SHEET VINYL	6	SEE DWGS
G	VINYL	7	FACTORY
M	LAM. PLASTIC 4'-0" WAINSCOTT	8	FIRE TAPE & SAND
I	CONC. MSNRY. UNIT	9	2 CT. "HYPOLEN" BALM OR EQ.
J	WINDOW WALL	10	
K	SEE DWGS	11	
L	6" CONC.	12	
M		13	
N		14	
O		15	
P		16	

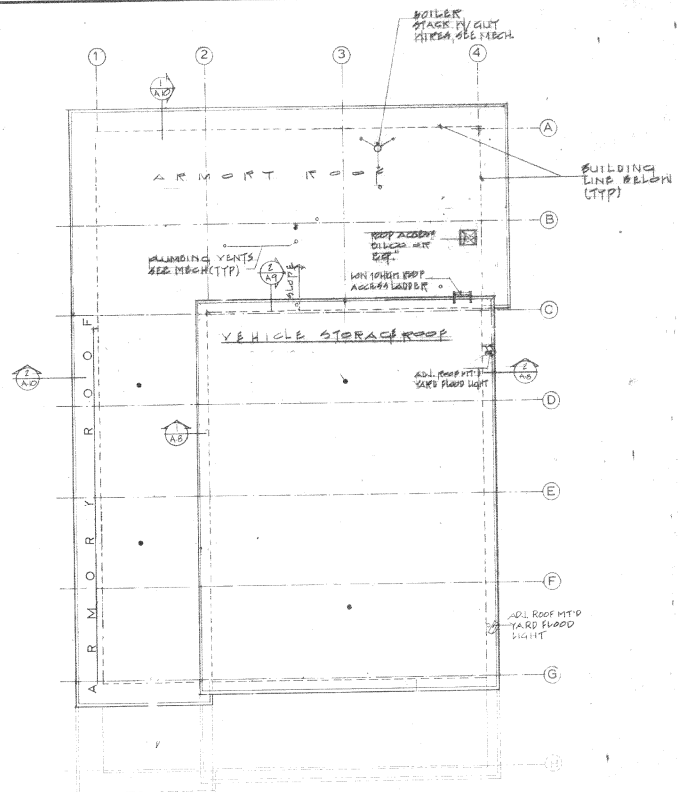
AS ADVERTISED
 JUL 8 1987

	DATE: JULY, 1987	REV. DATE:	SHEET CONTENTS	SHEET NO.
	DESIGNED BY: AJF	NO. DATE:	ROOM FINISHES SCHEDULE	
	DRAWN BY: CSJ		PROJECT: 60 MAN NATIONAL GUARD ARMORY / MOTOR VEHICLE STORAGE AT VALDEZ, ALASKA	A15
	CHECKED BY: AJF/CRS		SCALE:	OF 19
	APPROVED BY: ROE/JAV		VEI CONSULTANTS	SEE REV. BOOK



FLOOR PLAN
1/8" = 1'-0"


MALL LEGEND
FRAME
C.M.U.

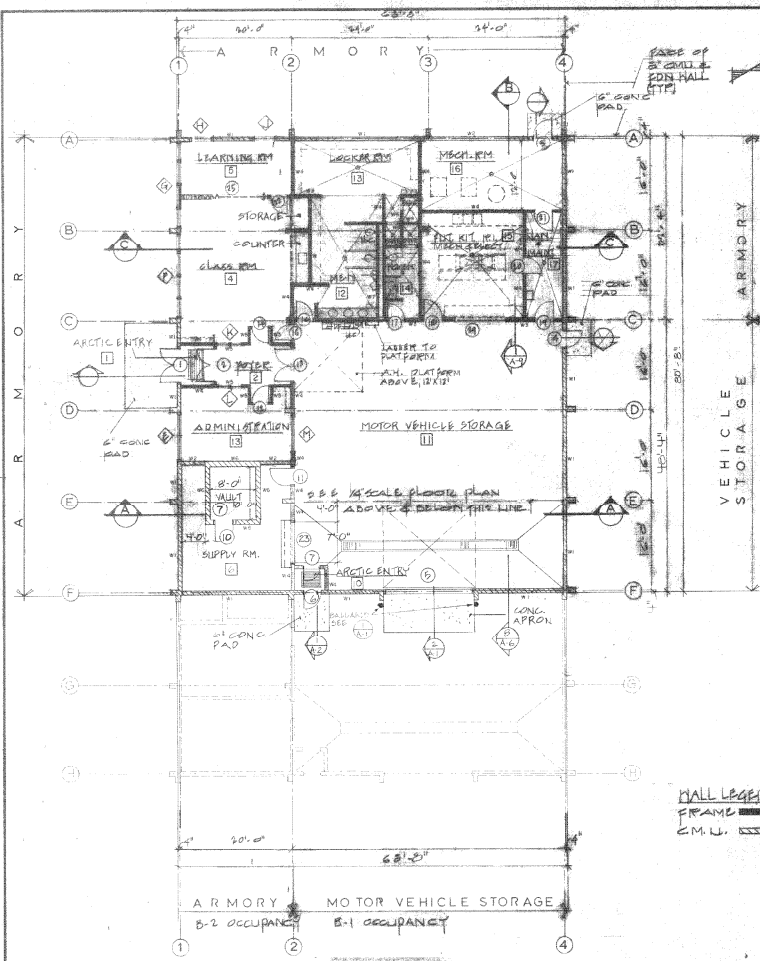


ROOF PLAN
1/8" = 1'-0"

NOTE:
SEE BASIC DIM'S FOR ADDITIONAL NOTES & DATA

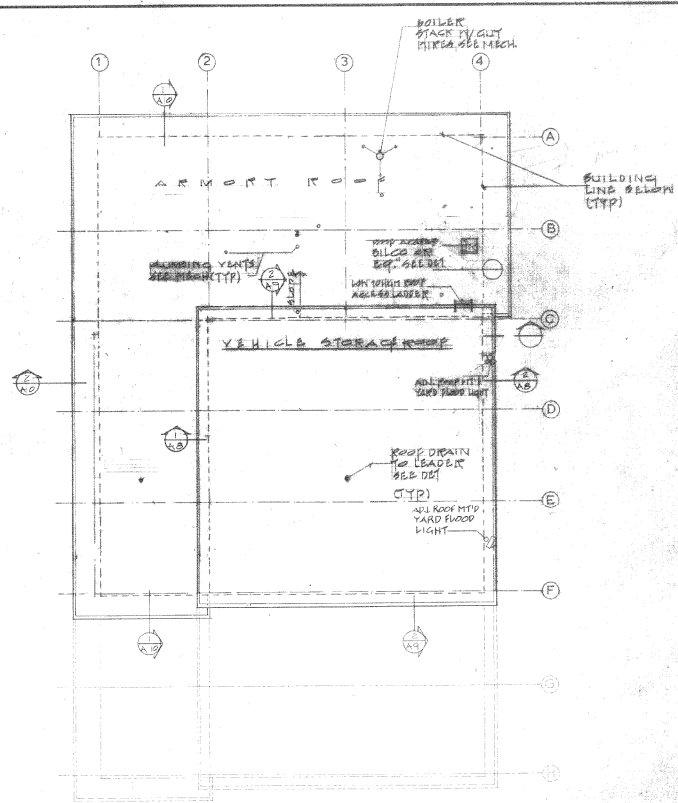
AS ADVERTISED
JUL 8 1987

	DATE	JULY 1, 1987	REVISIONS	SHEET CONTENTS	SHEET NO. A17 OF 19 REVISED 86V24
	DESIGNED BY	ΔJF	NO.	DEDUCTIVE ALTERNATE NO. 1	
	DRAWN BY	ΔJF/CSJ	DATE	PROJECT	
	CHECKED BY	ΔJF/CRS		60 MAN NATIONAL GUARD ARMORY / MOTOR VEHICLE STORAGE AT VALDEZ, ALASKA	
	APPROVED BY	ROE/ABV		VEI CONSULTANTS	
SCALE	NOTED				



FLOOR PLAN
1/8" = 1'-0"

WALL LEGEND
FRAME
C.M.U.

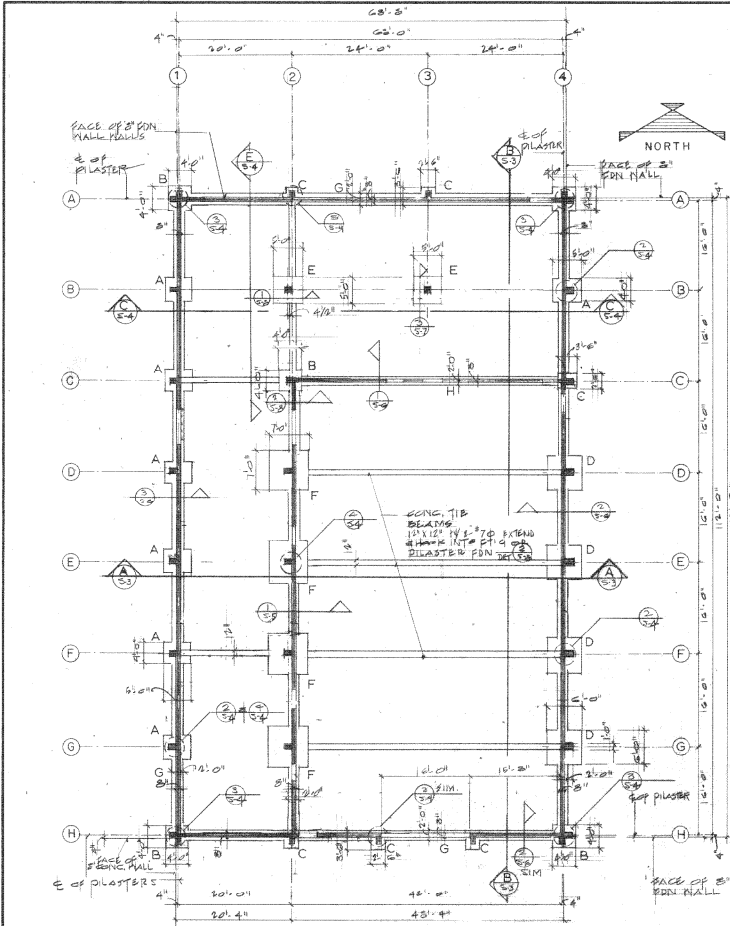


ROOF PLAN
1/8" = 1'-0"

NOTE
SEE BASIC DTD DWG FOR ADDITIONAL
NOTES & DATA

AS ADVERTISED
JULY 1967

	DATE: JULY, 1967	REVISIONS	PROJECT CONTRACT	A18 OF 19 REV. 11
	DESIGNED BY: AJF	NO. DATE	DEDUCTIVE ALTERNATE NO. 2	
	DRAWN BY: AJF/CRS		60 MAN NATIONAL GUARD	
	CHECKED BY: AJF/CRS		ARMORY / MOTOR VEHICLE STORAGE	
	APPROVED BY: ROE		AT VALDEZ, ALASKA	
SCALE: NOTED			VEI CONSULTANTS	



FOUNDATION & FOOTING PLAN
1/8" = 1'-0"

DESIGN DATA & GENERAL NOTES

NOTE:
THESE NOTES SUPPLEMENT THE SPECIFICATIONS. ANY DISCREPANCY FOUND AMONG THE DRAWINGS, SPECIFICATIONS, THESE NOTES, AND THE CITY CONDITIONS SHALL BE REPORTED TO THE ARCHITECT, AND SHALL CORRECT SUCH DISCREPANCY IN WRITING. ANY WORK DONE BY THE CONTRACTOR AFTER DISCOVERY OF SUCH DISCREPANCY SHALL BE DONE AT THE CONTRACTOR'S RISK. THE CONTRACTOR SHALL NOTIFY AND SOONEST THE SUPERVISORS AMONG ALL DRAWINGS PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION. THE CONTRACTOR IS RESPONSIBLE FOR ALL BRACING AND SHORING DURING CONSTRUCTION.

CODES:
ALL METHODS, MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE 1982 UNIFORM BUILDING CODE (UBC) AS AMENDED AND ADOPTED BY THE CITY OF VALDEZ, ALASKA. REFERENCE IS MADE TO THE CITY OF VALDEZ "STANDARD SPECIFICATIONS AND STANDARDS DATED SEPTEMBER, 1985, WITH ERRATA" HEREIN REFERRED TO AS "CIVS".

DESIGN LOADS:
SEISMIC ZONE 4
WIND - 30 PSF
WIND - 30 PSF
SOIL BEARING PRESSURE 3,000 PSF (ASSUMED)

LATERAL LOADS:
LATERAL FORCES ARE TRANSMITTED BY DIAPHRAGM ACTION OF THE ROOF TO SHEAR WALLS. LOADS ARE THEN TRANSMITTED TO FOOTINGS BY SHEAR WALL ACTION WHERE ULTIMATE DISPLACEMENT IS RESTRICTED BY PRESURE OF SOIL. OVERTURNING IS RESTRICTED BY THE DEAD LOAD OF THE STRUCTURE.

EXCAVATION:
EXCAVATE FOR FOOTINGS DOWN TO DEPTH AS SHOWN ON DRAWINGS. ALL FOOTINGS TO BEAR ON P.F.S. (12" x 12" DEEP MIN.) PIERCELS COMPACTED TO 95%.

CONCRETE:
CONCRETE SHALL CONFORM TO CIVS, DIVISION 30.00 STANDARD CONSTRUCTION SPECIFICATIONS FOR PORTLAND CEMENT CONCRETE. THE CLASS OF CONCRETE SHALL BE A-3.

REINFORCING STEEL:
REINFORCING STEEL SHALL CONFORM TO CIVS, DIVISION 30.00 STANDARD CONSTRUCTION SPECIFICATIONS FOR REINFORCING STEEL.

WOOD:
WOOD SHALL BE DRY KILN DRIED TO 19% MOISTURE. ALL WOOD SHALL BE MANUFACTURED BY WESTERN MILLERS, OR APPROVED EQUAL. GRADES MUST BE NON-SPLITTING, NON-KNICKING, NON-RESINOUS.

MASONRY:
MASONRY SHALL CONFORM TO ASTM C-270 TYPE S, 1 1/2" x 8" x 16" AT 28 DAYS. BRICKS CONFORM TO ASTM C-62 1 1/2" x 8" x 16" AT 28 DAYS, 58 SQA. MINIMUM 3/8" SIZE AGGREGATE, SLUMP 5" - 8".

CONCRETE MASONRY UNITS:
CONFORM TO ASTM C-90 MINIMUM FACE SHELL THICKNESS OF 1 1/2", GRADE 90.

INSTALLATION OF HOLLOW MASONRY UNITS, INSTALL PER 1982 U.S.G.C. SECTION 410 FOR REINFORCED UNIT MASONRY.

FOOTING SCHEDULE

FOOTING TYPES	SIZE	REINF
A	12" x 12" x 14"	4-#5 @ 8" c/c opp HW
B	4" x 12" x 14"	2-#5 @ 8" c/c
C	24" x 12" x 14"	4-#5 @ 8" c/c opp HW
D	12" x 12" x 14"	4-#5 @ 8" c/c
E	12" x 12" x 14"	4-#5 @ 8" c/c
F	12" x 12" x 14"	10-#5 @ 8" c/c
G	24" x 12" x 14"	CONC. TIE BEAMS 12" x 12" x 14"
H	24" x 12" x 14"	CONC. TIE BEAMS 12" x 12" x 14"

STRUCTURAL STEEL:
ALL STRUCTURAL FABRICATION & ERECTION SHALL CONFORM TO THE AISC "MANUAL OF STEEL CONSTRUCTION" 7TH EDITION.

STEEL SHAPES & PLATES SHALL BE ASTM A-36.

PIPE COLUMNS SHALL BE OF STRENGTH AS SHOWN A PER ASTM-A53, TYPE S, GRADE B (1/2" MIN. THICK).

BOLTS SHALL BE ASTM A-307.

EXPANSION ANCHORS SHALL BE PARABOLT CONCRETE ANCHORS AS MANUFACTURED BY USK CORPORATION OR APPROVED EQUAL.

WELDING:
ALL WELDING SHALL BE IN ACCORDANCE WITH THE "STRUCTURAL WELDING CODE" - AWS D1.5.

ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS, USE E60 OR E70 ELECTRODES.

NO WELDING OF REINFORCING STEEL SHALL BE ALLOWED EXCEPT WHERE SHOWN.

ROOF CASING:
ROOF CASING SHALL BE #1 DOUGLAS FIR OR AS SHOWN ON DRAWINGS. ALL JOINTS SHALL BE KEEN DRYED (K.D.). EACH PIECE OF LUMBER SHALL BEAR STAMP OF WEST COAST LUMBER INSPECTION BUREAU SHOWING GRADE MARK OR APPROVED EQUAL.

(ALL LUMBER IN CONTACT WITH CONCRETE SHALL BE PRESURE TREATED.)

LOADING REQUIREMENTS:
DECK SHALL BE ASTM 307.

WASHERS SHALL BE PALLETTABLE IRON WASHERS (PIW).

NUTS SHALL BE COMMON AMERICAN OR CANADIAN MANUFACTURED ONLY.

LAG SCREWS, SHEAR PLATES, SEE NATIONAL DESIGN SPECIFICATION.

ANCHORS & CONNECTORS SHALL BE SIMPSON, TECO, BROWNAW, OR ICOP APPROVED.

MINIMUM WELDING - PER 1982 U.S.G.C. TABLE NO. 25 D.

PLYWOOD:
DECK SHEET SHALL BEAR THE TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION. ALL GRADING SHALL CONFORM TO PS-1-74. THICKNESS & LAYER PLY AS SHOWN ON DRAWINGS. ALL PLYWOOD SHALL BE C-2 EXTERIOR GRADE, EXCEPT AS OTHERWISE SHOWN ON NOTES. PROVIDE THE FOLLOWING MINIMUM WELDING W/TS OF FELM SHOWN - 1/2" MIN. W/TS AT EDGES - 3/4" MIN. W/TS AT INTER-JOINTS - 5/8" MIN. W/TS AT ALL EDGE PANELS.

UNLUMBERED TIMBER:
FOR TRUSSES, EACH MEMBER SHALL BEAR A1C QUALITY MARK. LUMBER SHALL CONFORM TO W.L.S. "STANDARD SPECIFICATIONS FOR STRUCTURAL GRADE UNLUMBERED DOUGLAS FIR".

ALL PILES SHALL BE DOUGLAS FIR COAST REGION. ALL MEMBERS SHALL BE 2400 LB & HAVE EXTERIOR GLUE. ALL MEMBERS SHALL BE ARCHITECTURAL GRADE IN APPEARANCE.


TRUSS TRUSSES:
PRE-ENGINEERED ROOF TRUSSES SHALL BE DESIGNED FOR FULL LIVE LOADS AS SPECIFIED UNDER DESIGN LOADS IN 16.15 H.P.F. DEAD LOAD, PLUS TRUSS SYSTEM WEIGHT, AND FOR CONCENTRATED LOADS WHERE INDICATED.

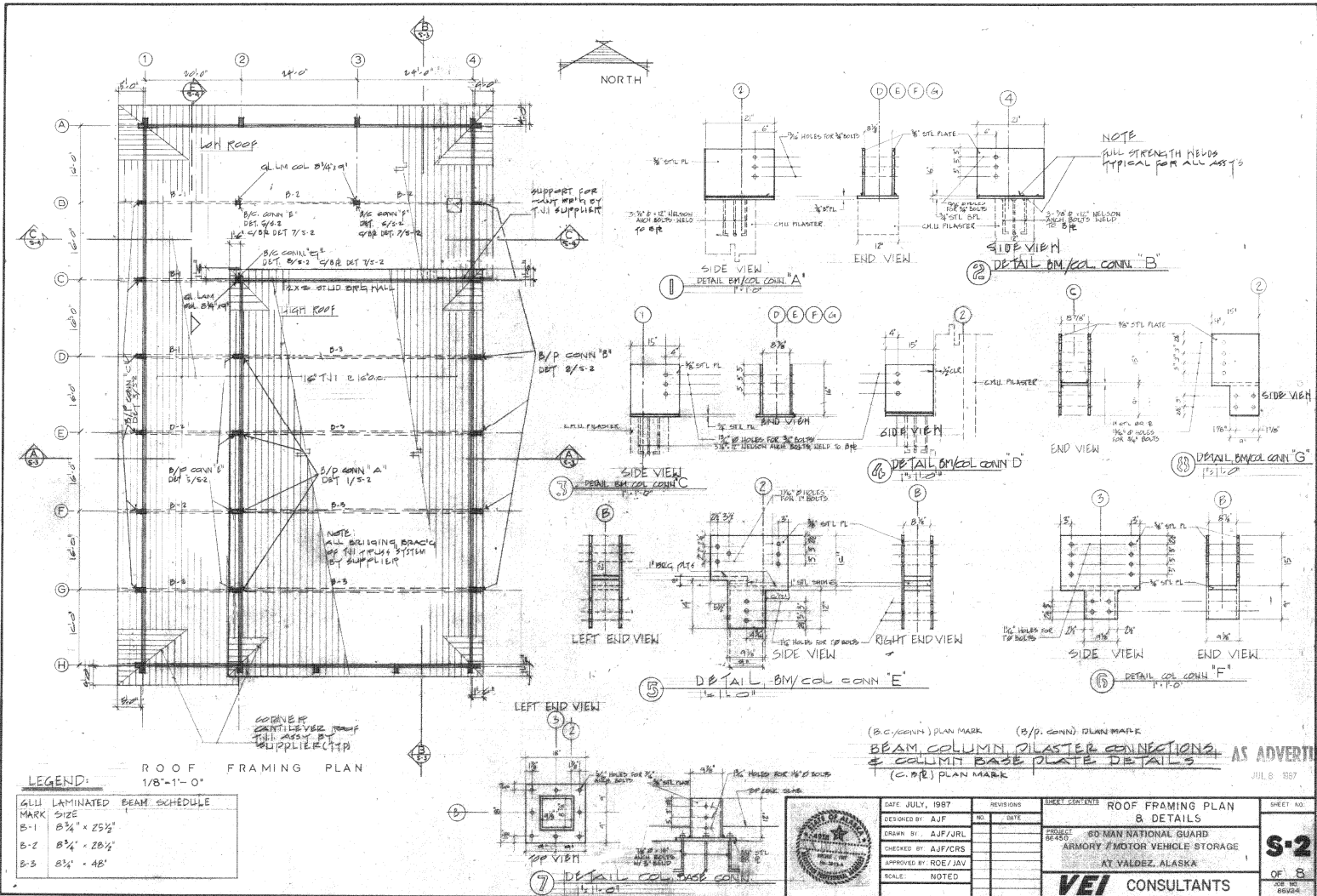
TRUSS DRAWINGS MUST BE STAMPED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF ALASKA.

PRE-ENGINEERED TRUSSES SHALL INCLUDE BRACING, SPECIAL BLOCKING & DETAIL OF TRUSS/JAMB CONNECTIONS, ETC.

EACH TRUSS SHALL BE STAMPED WITH DESIGN LOAD PER THIS PRODUCT.

AS ADVERTISED
JUL 9 1987

	DATE: JULY, 1987	REVISIONS:	SHEET CONTENTS:	DESIGN DATA	SHEET NO.
	DESIGNED BY: AJF	NO.:	DATE:	FOUNDATION PLAN & DETAILS	
	DRAWN BY: AJF/CSJ			PROJECT:	60 MAN NATIONAL GUARD
	CHECKED BY: AJF/CRS			ARMORY / MOTOR VEHICLE STORAGE	S-1
	APPROVED BY: ROE/JAV			AT VALDEZ, ALASKA	OF 8
SCALE: NOTED			VEI CONSULTANTS	200 NO. 86V24	

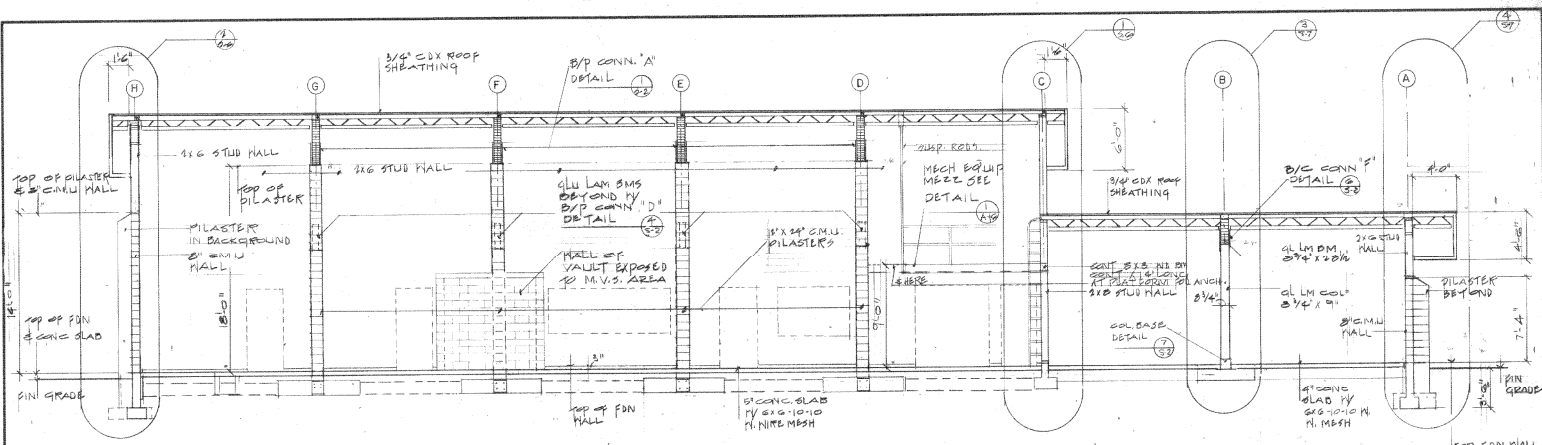


LEGEND:

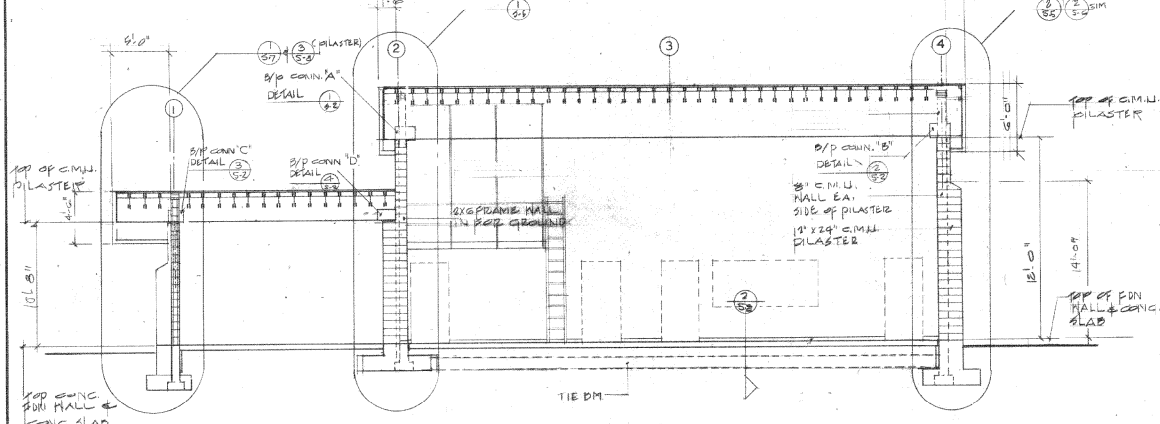
ROOF FRAMING PLAN
1/8" = 1'-0"

GLLI LAMINATED BEAM SCHEDULE	MARK	SIZE
B-1	B 3/4" x 25 1/2"	
B-2	B 3/4" x 28 1/2"	
B-3	B 3/4" x 48"	

DATE	JULY, 1987	REVISIONS		SHEET NO.	ROOF FRAMING PLAN & DETAILS	SHEET NO.
DESIGNED BY	AJF	NO.	DATE	PROJECT	60 MAN NATIONAL GUARD ARMORY / MOTOR VEHICLE STORAGE AT VALDEZ, ALASKA	S-2
DRAWN BY	AJF/JRL			SCALE	NOTED	OF 8
CHECKED BY	AJF/CRS			VEI CONSULTANTS		28 1/2" SQUARE
APPROVED BY	ROE/JAV					




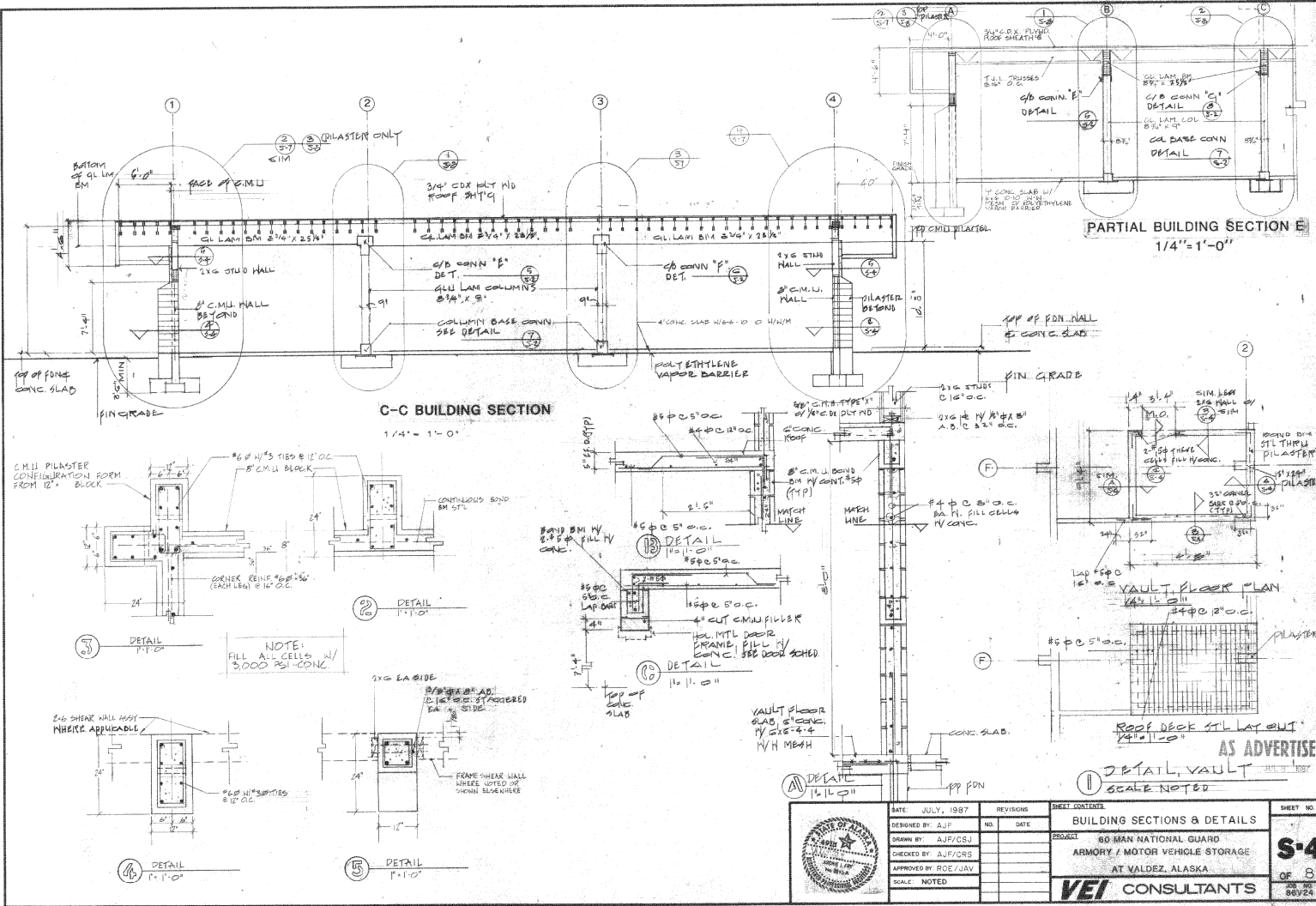
B-B BUILDING SECTION
1/4" = 1'-0"



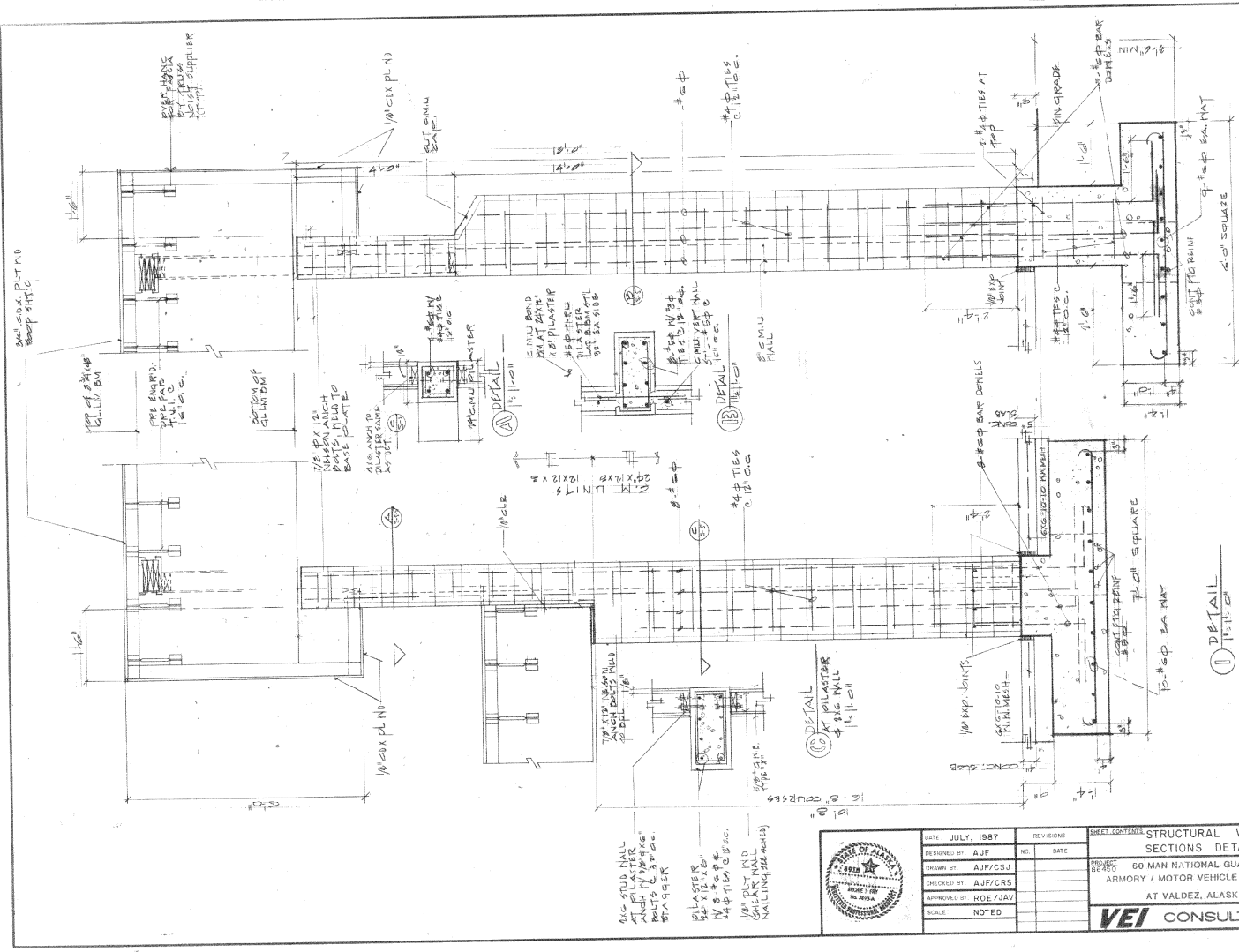
A-A BUILDING SECTION
1/4" = 1'-0"

AS ADVERTISED
JUL 8 1987

	DATE: JULY, 1987	REVISIONS:	SHEET CONTENTS STRUCTURAL BLD'G SECTIONS A-A, B-B & DETAILS PROJECT: 60 MAN NATIONAL GUARD ARMORY / MOTOR VEHICLE STORAGE AT VALDEZ, ALASKA VEI CONSULTANTS	SHEET NO. 1 S-3 OF 8 200 1st VALDEZ	
	DESIGNED BY: AJP	NO. 40			DATE
	DRAWN BY: AJP/CSJ				
	CHECKED BY: AJP/CRS				
	APPROVED BY: AJP/JAV				
SCALE: NOTED					



	DATE	JULY, 1987	REVISOR		SHEET CONTENTS	S-4 OF 8 88/24	
	DESIGNED BY	AJP	NO.		BUILDING SECTIONS & DETAILS		
	DRAWN BY	AJP/CRS	DATE		PROJECT		80 MAN NATIONAL GUARD ARMORY / MOTOR VEHICLE STORAGE AT VALDEZ, ALASKA
	CHECKED BY	AJP/CRS			SCALE		NOTED
	APPROVED BY	ROE/JAV					



AS ADVERTISED
JUL 8 1987

	DATE	JULY, 1987	REVISIONS	SHEET CONTAINS STRUCTURAL WALL SECTIONS DETAILS 60 MAN NATIONAL GUARD ARMORY / MOTOR VEHICLE STORAGE AT VALDEZ, ALASKA VEI CONSULTANTS	SHEET NO.	1	
	DESIGNED BY	AJF/CJSJ	NO.		DATE	OF	8
	CHECKED BY	AJF/CJSJ	NO.		DATE	FOR NO.	86V24
	APPROVED BY	ROE/JAV	NO.		DATE		
SCALE		NOTED					

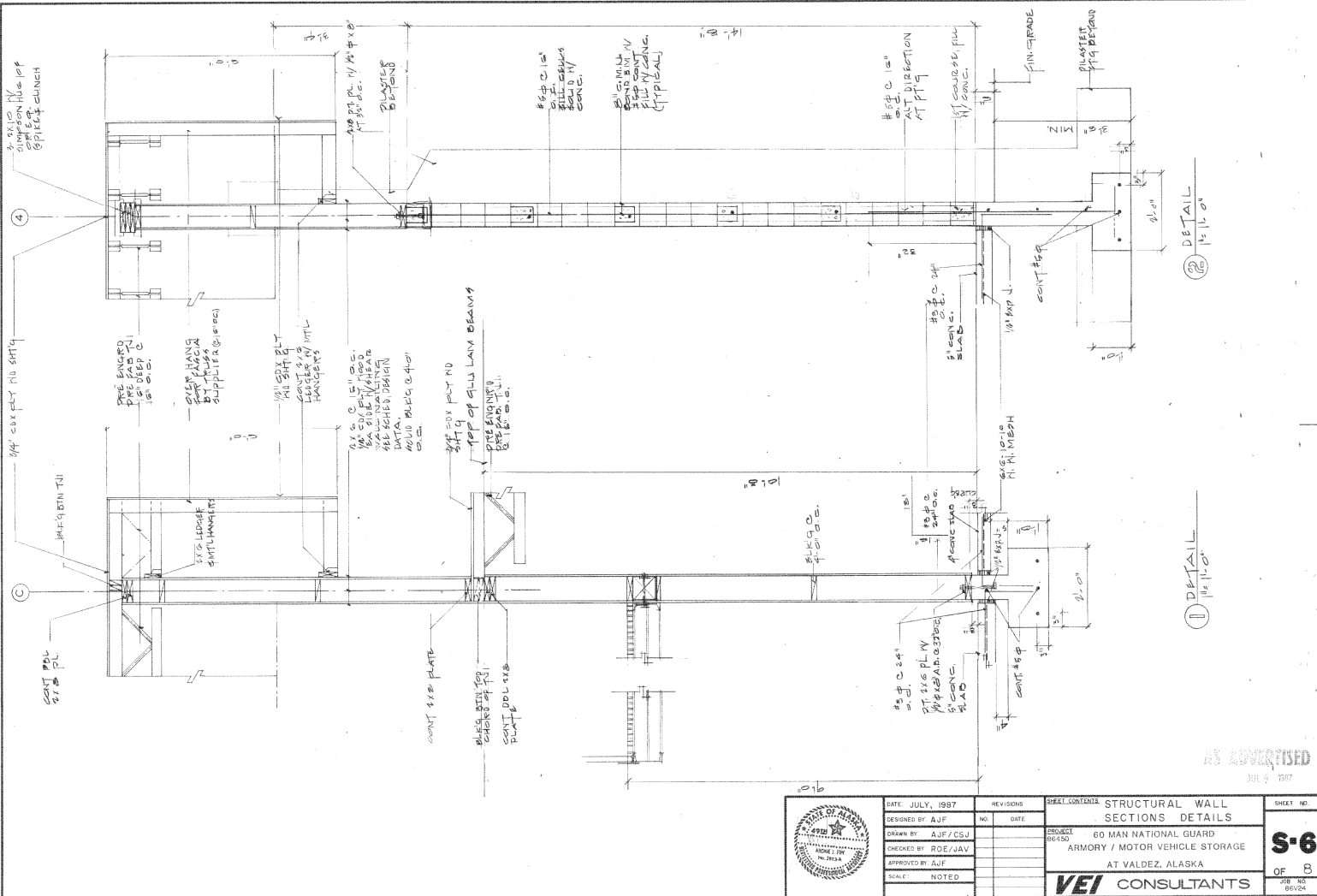
6" STUD WALL
AT PLASTER
PARTS TO BE
BRASSER

PLASTER
1/2" X 1/2" X 1/2"
W & H
4" TIES @ 16"
1/2" PLT AND
NAILING @ 16"

DETAIL
1/2" = 1'-0"

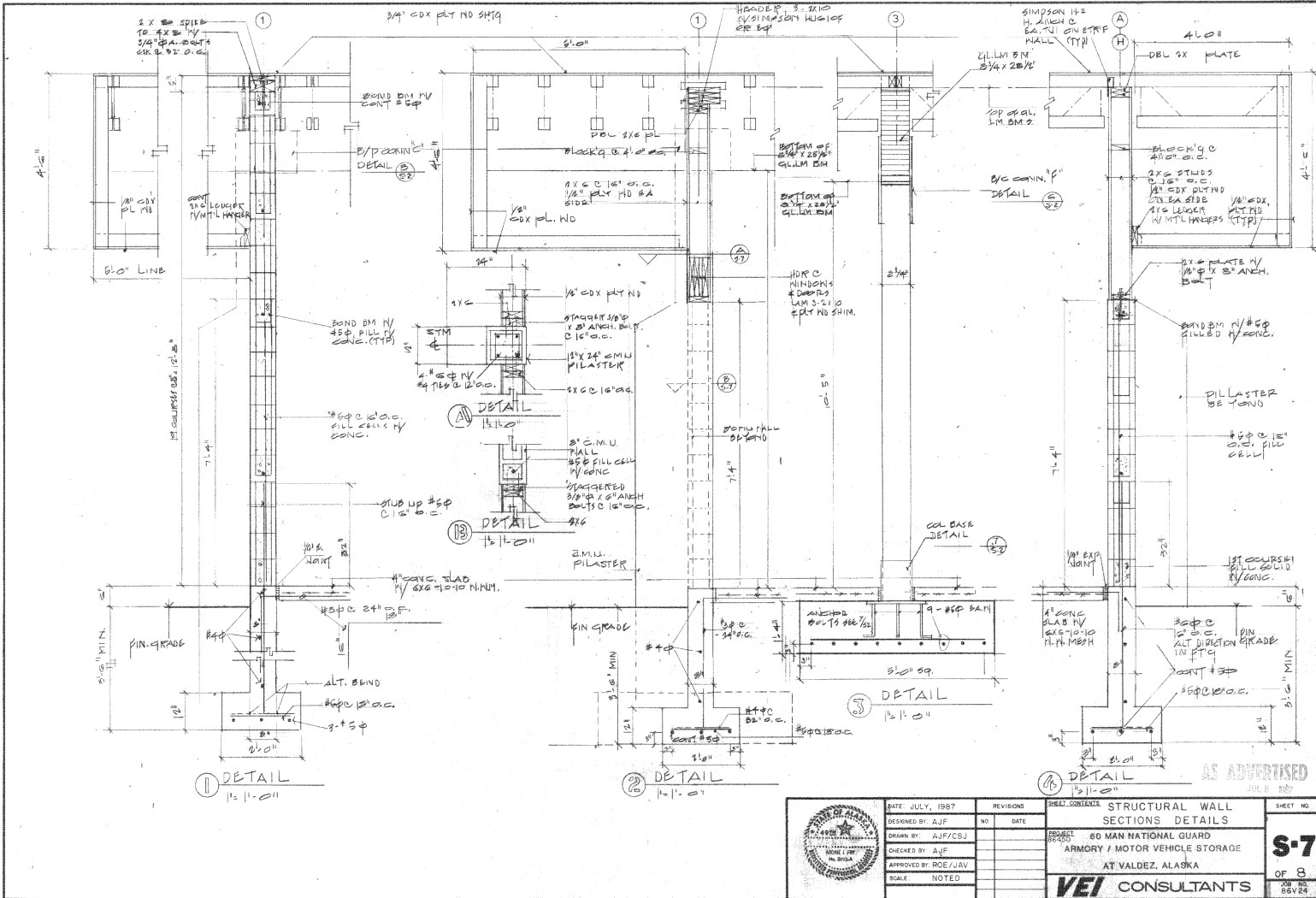
DETAIL
1/2" = 1'-0"


DETAIL
1/2" = 1'-0"

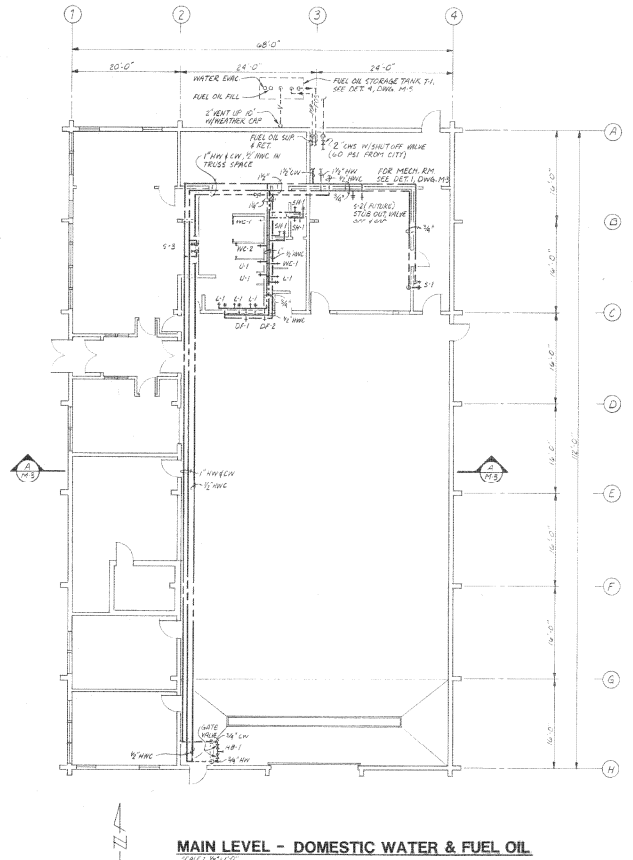
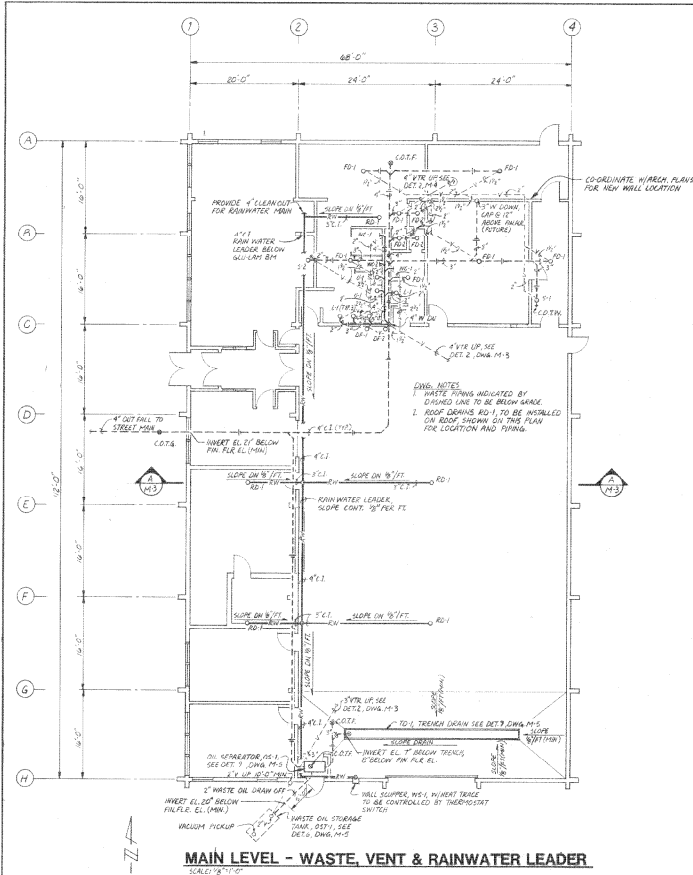


AS ADVERTISED
JUL 8 1987

	DATE: JULY, 1987	REVISIONS	SHEET CONTAINS	STRUCTURAL WALL SECTIONS DETAILS	SHEET NO.
	DESIGNED BY: AJF	NO. DATE	PROJECT	60 MAN NATIONAL GUARD	S-6
	DRAWN BY: AJF/CSJ		ARMORY / MOTOR VEHICLE STORAGE	AT VALDEZ, ALASKA	
	CHECKED BY: ROE/JAV				OF 8
	APPROVED BY: AJF				
SCALE: NOTED				VEI CONSULTANTS	JOB NO. 86124

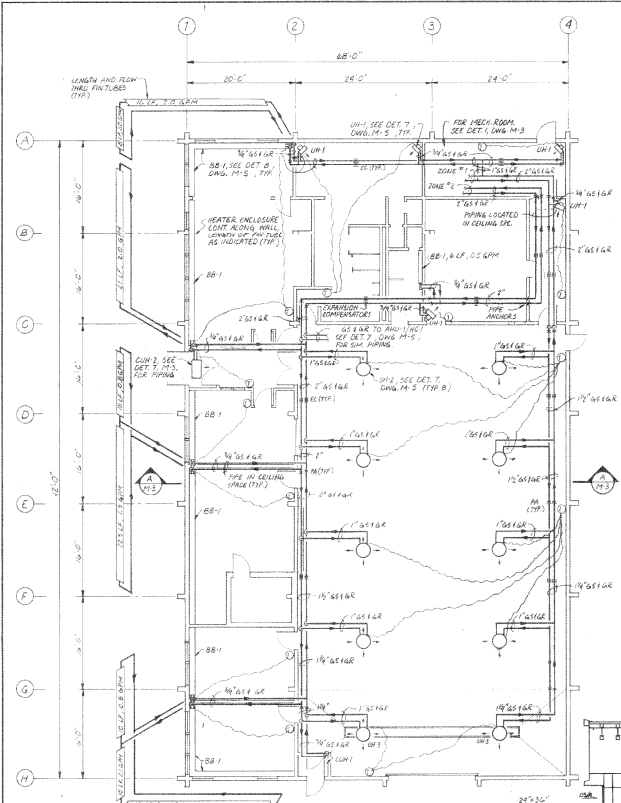


	DATE: JULY, 1987	REVISIONS:	SCALE: AS SHOWN	STRUCTURAL WALL SECTIONS DETAILS 60 MAN NATIONAL GUARD ARMORY / MOTOR VEHICLE STORAGE AT VALDEZ, ALASKA VEI CONSULTANTS	SHEET NO. S-7 OF 8 88 8628
	DESIGNED BY: AJF	NO.:	DATE:		
	DRAWN BY: AJF/CJSJ				
	CHECKED BY: AJF				
	APPROVED BY: ROE/JAV				
SCALE: NOTED					

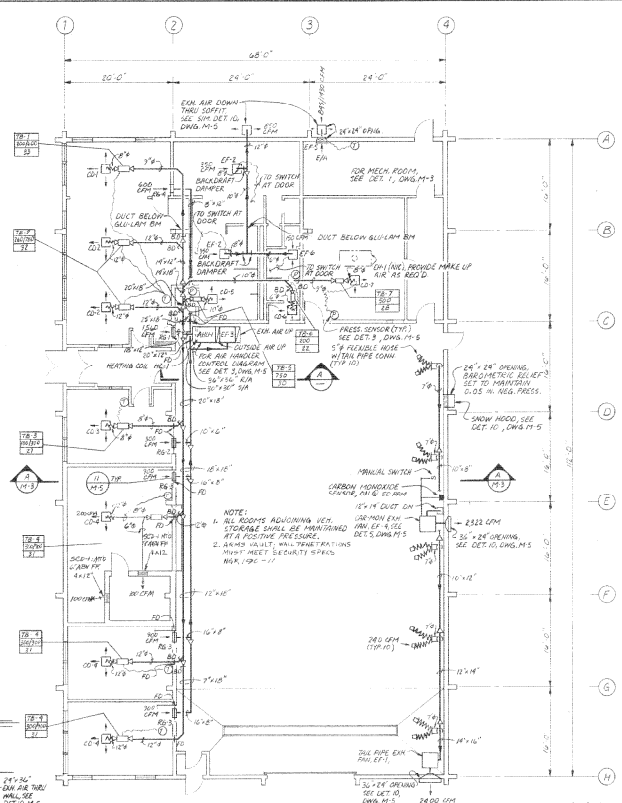


DATE: 12-27-77	BY: J.M.S.
CHECKED: J.M.R.	DESIGNED: J.M.R.
APP. FOR CLIENT: J.M.C.	SCALE: 1/8" = 1'-0"
PIPING PLANS NATIONAL GUARD ARMORY VALDEZ, ALASKA 86012 M-1	
GREAT NORTHERN ENGINEERING 1001 14th Ave. S.W. Seattle, WA 98144 (206) 442-2335	

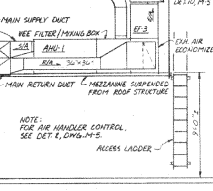
AS ADVERTISED
 JUL 8 1987
 M-1



MAIN LEVEL - HEATING PLAN



MAIN LEVEL - VENTILATION PLAN



A SECTION

PUMP SCHEDULE

SERIAL LOCATION	SERVICE	FUEL	FLUID	QPM	HEAD	MOTOR	REMARKS
P-1, P-2	MESH ROOM CIRC.	FUEL OIL	40	15	60	1/2/115/1/80	WESTER RPM 30, PHILLIPS
P-3, P-4	MESH ROOM CIRC.	GLYCOL	300	55	30	3/4/230/3/80	GREENFOS DPA 50 1/2
P-5	MESH ROOM CIRC.	HOT WATER	140	50	12	1/2/115/1/80	GREENFOS DPA 50 1/2
P-6	MESH ROOM TRANSFER	GLYCOL	80	50	40	1/2/218/1/80	BRIL & QUINCY 1012-4, 1/2" AIR, ATSD RPM

DATE: 11/17/87
 DRAWN BY: J. J. JENSEN
 CHECKED BY: J. J. JENSEN
 APPROVED BY: J. J. JENSEN
 CLIENT: 86012 M-2
 SCALE: AS SHOWN

GREAT NORTHERN ENGINEERING
 1001 1021 ST.
 ANCHORAGE, ALASKA 99501

HEATING AND VENTILATION NATIONAL GUARD ARMORY VALDEZ, ALASKA

86012 M-2
 JUL 8 1987

- GENERAL PLUMBING NOTES:**
- All potable water, drainage, vent, and fuel gas system materials, fabrication, alterations, and repair shall be provided in accordance with the 1979 Uniform Plumbing Code and all other applicable codes.
 - Each fixture or piece of equipment shall be provided with an isolation valve in branch supply piping as well as to allow removal of the fixture or equipment without shutoff of the main supply line. Each supply line shall be provided with a shutoff valve at its source to provide insurance for the building.
 - Water hammer arrestors are shown in details shall be provided at all fixtures.
 - All domestic cold water pipe shall be insulated with 1/2" minimum thickness foam plastic insulation such as Rohmex R-100 or R-15 or 1/2" minimum thickness fiberglass insulation such as Knott ASJ ASJ or ASJ SSI.
 - Sapped domestic hot water pipe in boiler room shall be insulated with 1" minimum thickness foam plastic insulation such as Rohmex R-100 PS, or 1" minimum thickness fiberglass insulation such as Knott ASJ ASJ or ASJ SSI.
 - Domestic hot water pipe shall be provided with pipe anchors and expansion connections as indicated on drawings, and all connections by manufacturer. Pipe hangers and supports shall be provided for all domestic water, drainage, vent, and fuel gas piping in accordance with 1979 UPC Sec 316.
 - Piping and fixtures shown on the drawings are diagrammatically indicating location or routing. Each location of piping, fixture, and fixture plumbing should be coordinated with Architectural plans and field layout.
 - Drain valves with hose connections are required at domestic water service low points, placed so as to allow complete drainage of entire system.

Heating System Notes:

- All heating and ventilation system materials, fabrication, installation, alteration, or repair shall be provided in accordance with the latest edition of the Uniform Building Code, Uniform Plumbing Code, Uniform Mechanical Code, appropriate fire local jurisdiction, ASHRAE Fundamentals, and all other applicable federal, state and local codes.
- Clearance around heating appliances shall be maintained as indicated on drawings. If modifications, mechanical or electrical, are made, appropriate clearance and fire retardant protection shall be maintained.
- Piping and ductwork on drawings to show diagrammatically, including sizes and shall be indicated to show location or routing. Actual location and routing of piping and ductwork should be coordinated with architectural plans and field layout.
- Hydronic heating supply and return piping shall be supported and braced to support unobstructed passages. Radiator joints shall be secured with 302/5 or silver solder #302, and shall be provided with anchors and expansion connections as shown on the drawings.
- All low points should be equipped with drain valves. Provisions should be made for drainage thereof and drain of additional equipment and ductwork so that the entire system flow out have to be drained for service of a particular line. Drain valves are required on ductwork system low points, capable of draining entire system.
- Each point of piping system and terminal units shall be tested with manual or automatic air tests, and valves should be provided at each vent to permit service without draining the system.
- Floor drains shall be installed below the level of the finish floor and shall be provided with 1/8" round valves.
- All ducts and return duct shall be insulated with 2" thick fiberglass duct wrap except where notes on drawings show otherwise. All duct wrap shall be 1/2" minimum thickness non-combustible duct liner.
- Differsential section piping shall be installed with 1" minimum thickness foam plastic insulation with appropriate weather resistant jacket where required as shown on the drawings.
- Each piping connection to mechanical equipment or fixtures shall be provided with automatic restriction device and automatic air vent. All air vents of floor fixtures or equipment without draining flow in the main piping line.
- Exhaust fittings shall be provided as needed to prevent backflow of individual terminals and burner subcircuits. All fittings shall be placed at the correct return when possible.
- Upon completion of the installation of the hydronic system, pressure test system at 100 psi for 4 hours. Piping and fill with 20/80 glycol solution. Release all piping circuit and vented heating units to required flow rates, adjust all pumps to operate at satisfactory flow and heads, check all controls for proper operation and setting, check fuel-burning and combustion efficiency and balance air distribution outlets connected to air handling units. Such adjustments essentially constitute an overall check of the heat transfer machine to ensure its satisfactory performance under the conditions established by the drawings.
- Upon completion of the domestic water system pressure test at 100 psi for 4 hours, flush system with significant solution as prescribed by the Alaska State Health Board Requirements.

PLUMBING FIXTURE SCHEDULE

SYMBOL	TYPE	SIZE	QTY	REMARKS
1-1	WATER CLOSET, W.C.	3"	1	AMERICAN STANDARD #370-020
1-2	WATER CLOSET, W.C.	3"	1	AMERICAN STANDARD #370-010
1-3	WATER CLOSET, W.C.	3"	1	AMERICAN STANDARD #370-010
1-4	WATER CLOSET, W.C.	3"	1	AMERICAN STANDARD #370-010
1-5	WATER CLOSET, W.C.	3"	1	AMERICAN STANDARD #370-010
1-6	WATER CLOSET, W.C.	3"	1	AMERICAN STANDARD #370-010
1-7	WATER CLOSET, W.C.	3"	1	AMERICAN STANDARD #370-010
1-8	WATER CLOSET, W.C.	3"	1	AMERICAN STANDARD #370-010
1-9	WATER CLOSET, W.C.	3"	1	AMERICAN STANDARD #370-010
1-10	WATER CLOSET, W.C.	3"	1	AMERICAN STANDARD #370-010

EQUIPMENT SCHEDULE

SYMBOL	ITEM	DESCRIPTION
1-1	WATER CLOSET, W.C.	WELL WITH MOTOR, 1/2 HP, 1/2" DIA. 100 RPM
1-2	WATER CLOSET, W.C.	WELL WITH MOTOR, 1/2 HP, 1/2" DIA. 100 RPM
1-3	WATER CLOSET, W.C.	WELL WITH MOTOR, 1/2 HP, 1/2" DIA. 100 RPM
1-4	WATER CLOSET, W.C.	WELL WITH MOTOR, 1/2 HP, 1/2" DIA. 100 RPM
1-5	WATER CLOSET, W.C.	WELL WITH MOTOR, 1/2 HP, 1/2" DIA. 100 RPM
1-6	WATER CLOSET, W.C.	WELL WITH MOTOR, 1/2 HP, 1/2" DIA. 100 RPM
1-7	WATER CLOSET, W.C.	WELL WITH MOTOR, 1/2 HP, 1/2" DIA. 100 RPM
1-8	WATER CLOSET, W.C.	WELL WITH MOTOR, 1/2 HP, 1/2" DIA. 100 RPM
1-9	WATER CLOSET, W.C.	WELL WITH MOTOR, 1/2 HP, 1/2" DIA. 100 RPM
1-10	WATER CLOSET, W.C.	WELL WITH MOTOR, 1/2 HP, 1/2" DIA. 100 RPM

TERMINAL BOX & DIFFUSER SCHEDULE

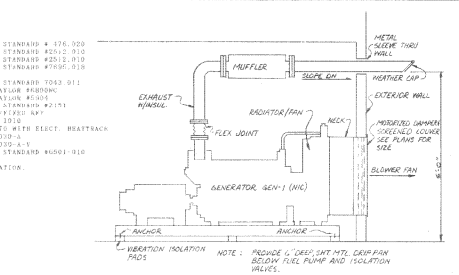
SYMBOL	LOCATION	SIZE	DESCRIPTION
1-1	BRASSING ROOM	4" X 6"	TERMINAL BOX TYPE S-1, 1/2" DIA. 1/2" DIA.
1-2	CLASSROOM	4" X 6"	TERMINAL BOX TYPE S-1, 1/2" DIA. 1/2" DIA.
1-3	ADMINISTRATION	4" X 6"	TERMINAL BOX TYPE S-1, 1/2" DIA. 1/2" DIA.
1-4	MEETING ROOMS	4" X 6"	TERMINAL BOX TYPE S-1, 1/2" DIA. 1/2" DIA.
1-5	MEETING ROOM	4" X 6"	TERMINAL BOX TYPE S-1, 1/2" DIA. 1/2" DIA.
1-6	MEETING ROOM	4" X 6"	TERMINAL BOX TYPE S-1, 1/2" DIA. 1/2" DIA.
1-7	MEETING ROOM	4" X 6"	TERMINAL BOX TYPE S-1, 1/2" DIA. 1/2" DIA.
1-8	MEETING ROOM	4" X 6"	TERMINAL BOX TYPE S-1, 1/2" DIA. 1/2" DIA.
1-9	MEETING ROOM	4" X 6"	TERMINAL BOX TYPE S-1, 1/2" DIA. 1/2" DIA.
1-10	MEETING ROOM	4" X 6"	TERMINAL BOX TYPE S-1, 1/2" DIA. 1/2" DIA.

HEATING UNIT SCHEDULE

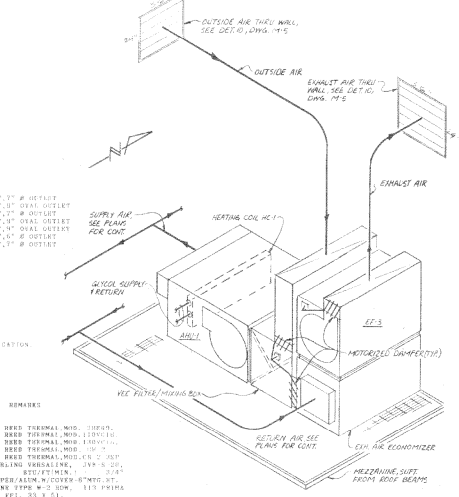
SYMBOL	TYPE	FIELD	TI	TO	GH	MM	CFM	HP	MOTOR	REMARKS
1-1	UNIT	W/1	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.
1-2	UNIT	W/2	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.
1-3	UNIT	W/3	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.
1-4	UNIT	W/4	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.
1-5	UNIT	W/5	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.
1-6	UNIT	W/6	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.
1-7	UNIT	W/7	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.
1-8	UNIT	W/8	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.
1-9	UNIT	W/9	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.
1-10	UNIT	W/10	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.

FAN SCHEDULE

SYMBOL	LOCATION	SOFT	HP	Q.V.	T.P.S.	HP	Q.V.	HP	Q.V.	REMARKS
1-1	BRASSING ROOM	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.	1/2" DIA. 1/2" DIA.
1-2	BRASSING ROOM	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.	1/2" DIA. 1/2" DIA.
1-3	BRASSING ROOM	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.	1/2" DIA. 1/2" DIA.
1-4	BRASSING ROOM	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.	1/2" DIA. 1/2" DIA.
1-5	BRASSING ROOM	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.	1/2" DIA. 1/2" DIA.
1-6	BRASSING ROOM	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.	1/2" DIA. 1/2" DIA.
1-7	BRASSING ROOM	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.	1/2" DIA. 1/2" DIA.
1-8	BRASSING ROOM	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.	1/2" DIA. 1/2" DIA.
1-9	BRASSING ROOM	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.	1/2" DIA. 1/2" DIA.
1-10	BRASSING ROOM	100	100	1.0	1.0	1000	1.0	1/2 HP	1/2" DIA. 1/2" DIA.	1/2" DIA. 1/2" DIA.



1 GENERATOR INSTALLATION DETAIL



2 VENTILATION SCHEMATIC

LEGEND

SYMBOL	EXPLANATION
100	IN GENERAL CONNECTION
101	NOT IN CONTRACT
102	GATE VALVE
103	CLOSE VALVE
104	BALL VALVE
105	2-WAY CONTROL VALVE (MOTOR OP.)
106	3-WAY CONTROL VALVE (MOTOR OP.)
107	RELIEF VALVE
108	PRESSURE REDUCING VALVE
109	BALANCING VALVE
110	COMP. FLOW ISOLATION VALVE
111	MANUAL BUTTERFLY VALVE
112	ACTOMATIC BUTTERFLY VALVE
113	EJECTOR VALVE
114	2-WAY SOLENOID VALVE
115	3-WAY SOLENOID VALVE
116	TELEMECHANICAL
117	UNION
118	PIPE ANCHOR
119	PIPE WAGER
120	EXPANSION COMPENSATOR
121	PRESSURE GAGE
122	STAINLESS
123	BARITARY SOIL/WASTE
124	PUMPED SANITARY SOIL/WASTE
125	VENT
126	CLEANOUT TO GRADE
127	MANUAL CLEANOUT
128	CLEANOUT
129	FLOOR CLEANOUT
130	COLD WATER
131	HOT WATER
132	BOT WATER CIRCULATING
133	COLD WATER BOILER IN (3/4" MIN.)
134	FLOOD BRAIN
135	ROSE HEAT
136	CONDENSED AIR
137	FIRE DEPARTMENT CONNECTION
138	WASTE HEAT SUPPLY
139	HEATING WATER SUPPLY
140	HEATING WATER RETURN
141	TREATED WATER
142	COLD WATER SUPPLY
143	CIRCUL. RETURN
144	PIPE, GAS
145	FUEL OIL SUPPLY
146	FUEL OIL RETURN
147	TERMOSTAT
148	SUPPLY AIR
149	RETURN AIR
150	REAR AIR
151	OUTSIDE AIR
152	MOTOR OPERATED DAMPER
153	BALANCING DAMPER
154	FIRE DAMPER
155	BLENDING DUCT
156	HEATING COIL
157	COOLING COIL
158	AUTO AIR VENT
159	RETURN JOINT/VENTIL ISOLTH

REVISIONS

NO.	DATE	DESCRIPTION
1	10/10/78	ISSUED FOR PERMITS
2	11/15/78	REVISED PER PERMITS
3	12/15/78	REVISED PER PERMITS
4	1/15/79	REVISED PER PERMITS
5	2/15/79	REVISED PER PERMITS
6	3/15/79	REVISED PER PERMITS
7	4/15/79	REVISED PER PERMITS
8	5/15/79	REVISED PER PERMITS
9	6/15/79	REVISED PER PERMITS
10	7/15/79	REVISED PER PERMITS
11	8/15/79	REVISED PER PERMITS
12	9/15/79	REVISED PER PERMITS
13	10/15/79	REVISED PER PERMITS
14	11/15/79	REVISED PER PERMITS
15	12/15/79	REVISED PER PERMITS

PROJECT INFORMATION

PROJECT TITLE: LEGEND, NOTES, SCHEDULES, NATIONAL GUARD ARMORY, VALDEZ, ALASKA
 DRAWING NO.: 86012 M-4
 SCALE: AS SHOWN
 DATE: 10/10/78
 DESIGNED BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE 1979 UNIFORM PLUMBING CODE AND ALL OTHER APPLICABLE CODES.

2. ALL MATERIALS SHALL BE OF THE HIGHEST QUALITY AVAILABLE.

3. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE DRAWINGS AND THESE NOTES.

4. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.

5. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE LOCAL PERMITS OFFICE.

6. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ALASKA STATE HEALTH BOARD.

7. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE NATIONAL GUARD ARMORY.

8. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE NATIONAL GUARD ARMORY.

9. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE NATIONAL GUARD ARMORY.

10. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE NATIONAL GUARD ARMORY.

11. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE NATIONAL GUARD ARMORY.

12. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE NATIONAL GUARD ARMORY.

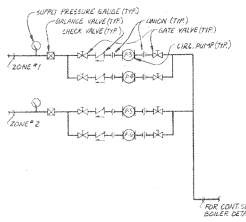
13. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE NATIONAL GUARD ARMORY.

14. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE NATIONAL GUARD ARMORY.

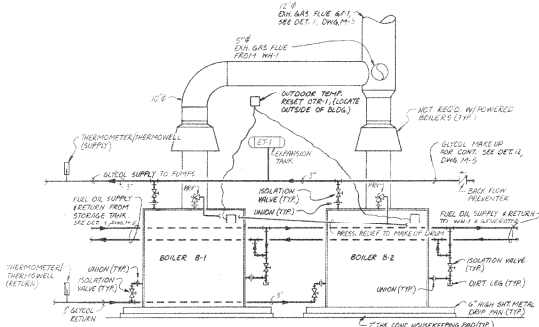
15. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE NATIONAL GUARD ARMORY.

GREAT NORTHERN ENGINEERING

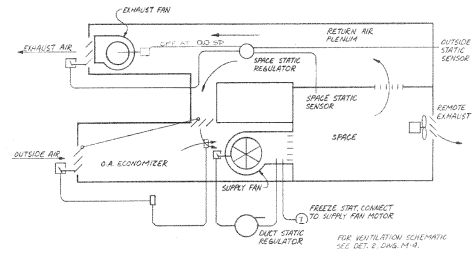
1000 BAYVIEW DRIVE
 SUITE 100
 ANCHORAGE, ALASKA 99503
 PHONE: 271-4444
 TELE: 271-4444



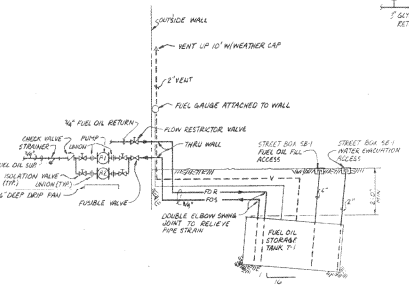
1 SUPPLY PUMP SCHEMATIC
NOT TO SCALE



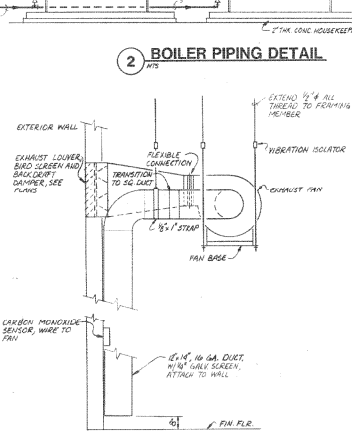
2 BOILER PIPING DETAIL
NOT TO SCALE



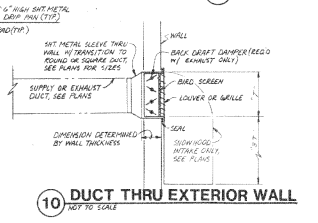
3 AIR HANDLER CONTROL DIAGRAM
NOT TO SCALE



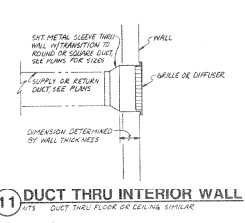
4 DETAIL-FUEL OIL PIPING
NOT TO SCALE



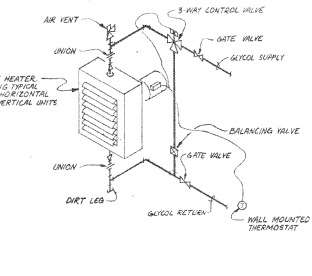
5 DETAIL - CAR-MON EXHAUST
NOT TO SCALE



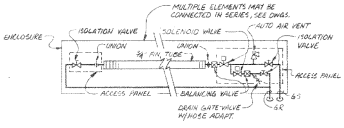
10 DUCT THRU EXTERIOR WALL
NOT TO SCALE



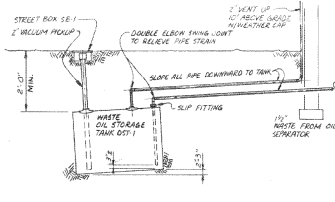
11 DUCT THRU INTERIOR WALL
NOT TO SCALE



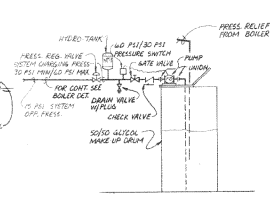
7 DETAIL - UNIT HEATER PIPING
NOT TO SCALE SEE PLANS FOR SIZES



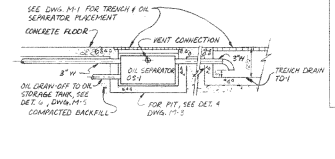
8 BASEBOARD HEATER PIPING
NOT TO SCALE (FIRST ELEMENT IN EACH ZONE)



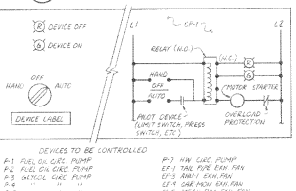
6 DETAIL-OIL STORAGE TANK
NOT TO SCALE



12 GLYCOL MAKE-UP DETAIL
NOT TO SCALE



9 DETAIL
NOT TO SCALE

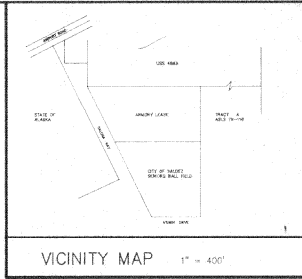
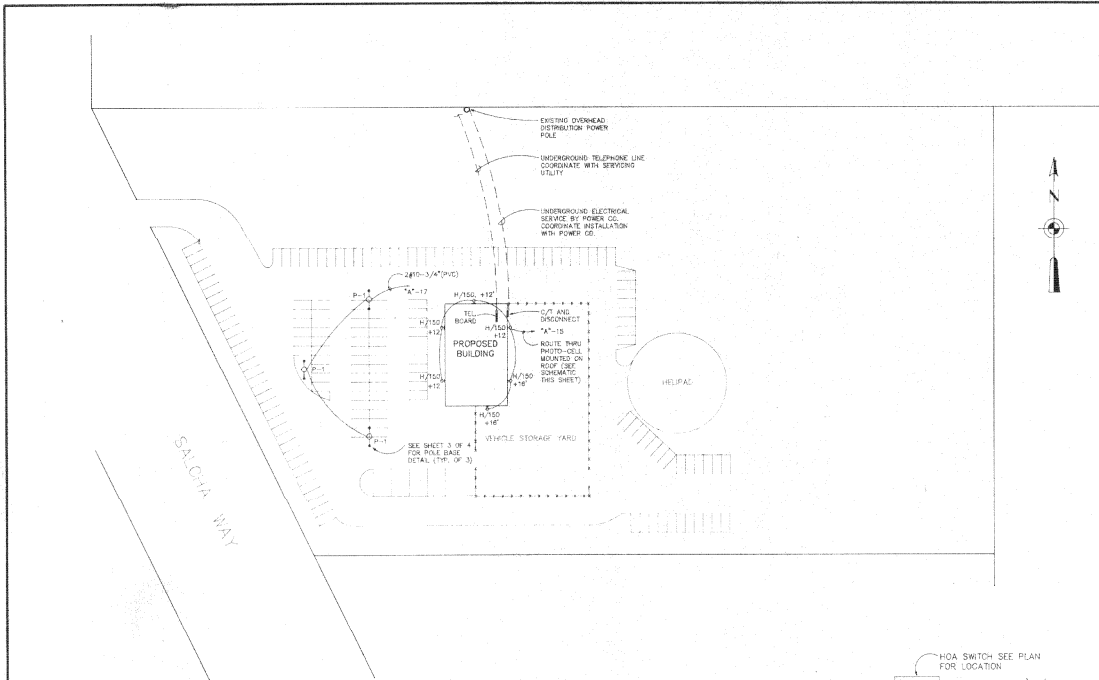


13 TYPICAL CONTROL SWITCH / DIAGRAM
NOT TO SCALE SWITCH CONTROL FOR EACH DEVICE, SEE DET. 1, DWG. M-5

AS ADVERTISED
JUL 8 1987

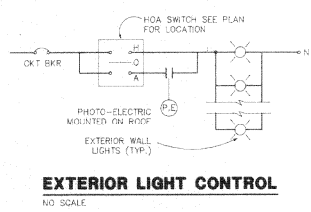
DATE	BY	APPROVED
DATE	BY	APPROVED
DATE	BY	APPROVED
DATE	BY	APPROVED

NATIONAL GUARD ARMORY
 VALDEZ, ALASKA
 86012 M-5
 GREAT NORTHERN ENGINEERING
 86012 M-5



- SYMBOLS LEGEND**
- 1x8 FLUORESCENT FIXTURE
 - 6'x6' FLUORESCENT FIXTURE
 - 1x6 FLUORESCENT FIXTURE
 - 6'x4' FLUORESCENT FIXTURE
 - 1x4 FLUORESCENT FIXTURE
 - 1x4 WALL MOUNTED FLUORESCENT FIXTURE
 - 2'x4 FLUORESCENT FIXTURE
 - 2'x4 FLUORESCENT FIXTURE W/ NIGHT LIGHT
 - 2'x2 FLUORESCENT FIXTURE
 - 2'x2 FLUORESCENT FIXTURE W/ NIGHT LIGHT
 - 2'x4 WALL MOUNTED RECESSED FIXTURE
 - RECESSED RECESSED FIXTURE
 - NOTE SYMBOL
 - EQUIPMENT SYMBOL
 - 42-POUR KNIBBLE
 - BRACKER PANEL
 - 175-TDLE TERMINAL BOARD
 - DP-DISTRIBUTION PANEL
 - DISCONNECT
 - 150-ET DISCONNECT
 - STANDBY
 - SINGLE PHASE MOTOR
 - 3 PHASE MOTOR
 - COMBINATOR STARTER/DISCONNECT
 - JUNCTION BOX
 - X-LEVEL LIGHT
 - SINGLE POLE SWITCH
 - 2 POLE SWITCH
 - 3 WAY SWITCH
 - 4 WAY SWITCH
 - CAMMER SWITCH
 - KEYED SWITCH
 - SWITCH 4-WAY/2-WAY LIGHT
 - TERMINAL OVERLOAD SWITCH
 - CALL BURNING SWITCH
 - DOOR-OPERED CONVENIENCE OUTLET
 - SWITCHING DOOR
 - FLOOR OUTLET
 - SPECIAL OUTLET
 - THERMOSTAT
 - CLOCK OUTLET
 - KEYLESS PHONE/DOOR
 - SPEAKER
 - CLOCK
 - TV OUTLET
 - BUZZER
 - BRILL
 - BUZZER
 - HORN
 - HORN/TROUBLE COMBINATION
 - MAGNETIC FOOT HOLDER
 - FIRE ALARM PULL STATION
 - FLOOR OUTLET
 - MICROPHONE
 - TELEPHONE OUTLET
 - FLOOR TELEPHONE OUTLET
 - CLOCK SPEAKER
 - HEAT DETECTOR
 - IONIZATION DETECTOR
 - FIRE ALARM MASTER STATION
 - DOORSLUT
 - CONDUIT DOWN
 - CONDUIT RUN-UP
 - EMERGENCY LIGHT

SITE PLAN
SCALE: 1"=50'-0"

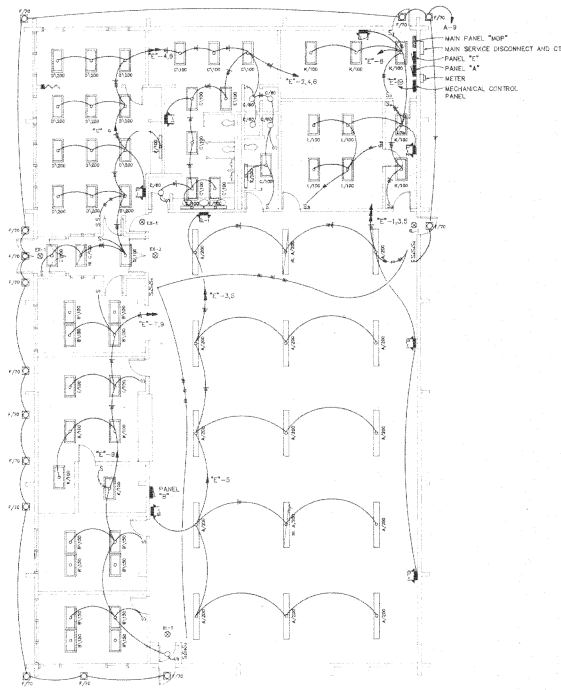


EXTERIOR LIGHT CONTROL
NO SCALE

REVISION NO.	DESCRIPTION	BY	DATE	ENGINEERING RECORD
		GDH		
		DESIGNED	DATE	
		KPL	6-8-87	
		DRAWN	DATE	
		GDH	6-18-87	
		CHECKED	DATE	
		APPROVED	DATE	

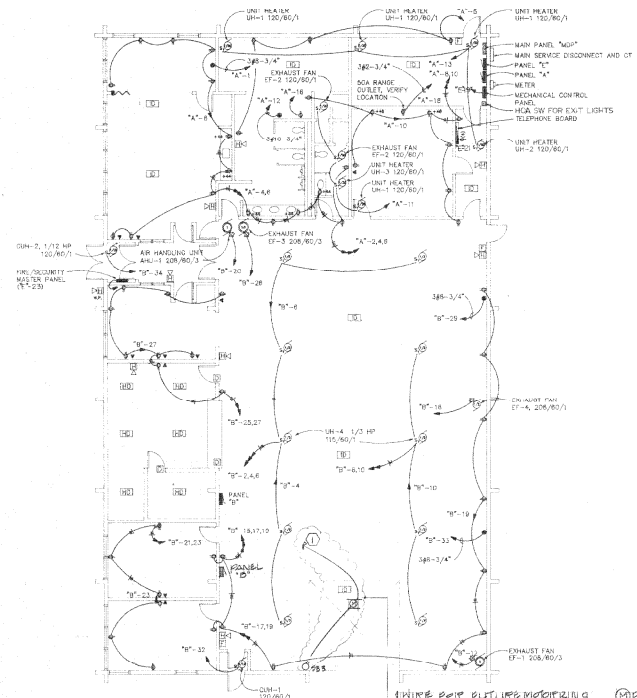
Legg, Hintze Engineers, Inc.
ELECTRICAL ENGINEERS/CONSULTANTS
201 Barrow Street, Suite 103
Anchorage, Alaska 99501
(907) 258-0171

80 MAN NATIONAL GUARD
ARMORY/MOTOR VEHICLE STORAGE
SITE PLAN
VALDEZ, ALASKA
AS ADVERTISED
JUL 8 1987
SHEET 1 OF 4



LIGHTING PLAN

SCALE: 1/8"=1'-0"





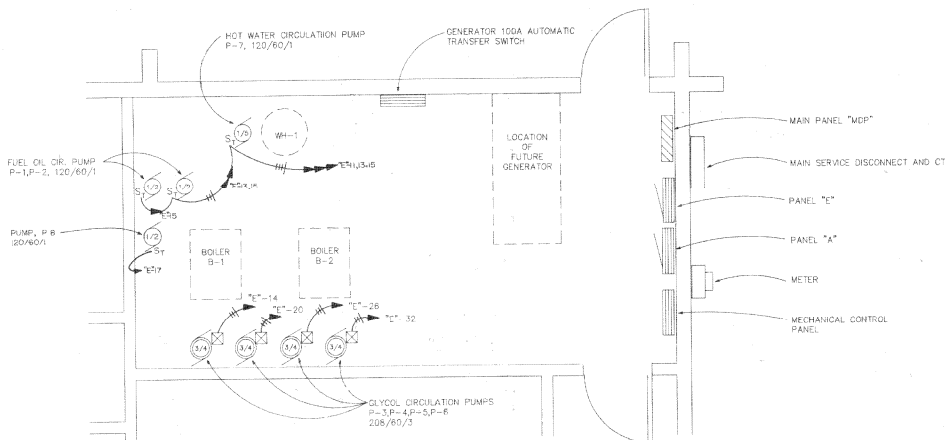
POWER PLAN

① FUTURE WORK
 ② FUTURE WORK
 ③ FUTURE WORK
 ④ FUTURE WORK
 ⑤ FUTURE WORK
 ⑥ FUTURE WORK
 ⑦ FUTURE WORK
 ⑧ FUTURE WORK
 ⑨ FUTURE WORK
 ⑩ FUTURE WORK
 ⑪ FUTURE WORK
 ⑫ FUTURE WORK
 ⑬ FUTURE WORK
 ⑭ FUTURE WORK
 ⑮ FUTURE WORK
 ⑯ FUTURE WORK
 ⑰ FUTURE WORK
 ⑱ FUTURE WORK
 ⑲ FUTURE WORK
 ⑳ FUTURE WORK
 ㉑ FUTURE WORK
 ㉒ FUTURE WORK
 ㉓ FUTURE WORK
 ㉔ FUTURE WORK
 ㉕ FUTURE WORK
 ㉖ FUTURE WORK
 ㉗ FUTURE WORK
 ㉘ FUTURE WORK
 ㉙ FUTURE WORK
 ㉚ FUTURE WORK
 ㉛ FUTURE WORK
 ㉜ FUTURE WORK
 ㉝ FUTURE WORK
 ㉞ FUTURE WORK
 ㉟ FUTURE WORK
 ㊱ FUTURE WORK
 ㊲ FUTURE WORK
 ㊳ FUTURE WORK
 ㊴ FUTURE WORK
 ㊵ FUTURE WORK
 ㊶ FUTURE WORK
 ㊷ FUTURE WORK
 ㊸ FUTURE WORK
 ㊹ FUTURE WORK
 ㊺ FUTURE WORK
 ㊻ FUTURE WORK
 ㊼ FUTURE WORK
 ㊽ FUTURE WORK
 ㊾ FUTURE WORK
 ㊿ FUTURE WORK

SCALE: 1/8"=1'-0"

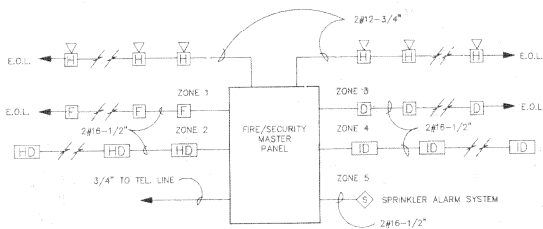
AS ADVERTISED
JUL 8 1987

REVISIONS		ENGINEERING RECORD				Legg, Hintze Engineers, Inc. ELECTRICAL ENGINEERS/CONSULTANTS 201 Barrow Street, Suite 103 Anchorage, Alaska 99501 (907) 258-0171	80 MAN NATIONAL GUARD ARMORY/MOTOR VEHICLE STORAGE LIGHTING/POWER PLANS VALDEZ, ALASKA	E-2 SHEET 2 OF 4
NO.	DESCRIPTION	BY	DATE					
		CSW	DATE					
		APL	6-28-87					
		CSW	6-28-87					
		CSW	DATE					
		APL	DATE					
		APL	DATE					



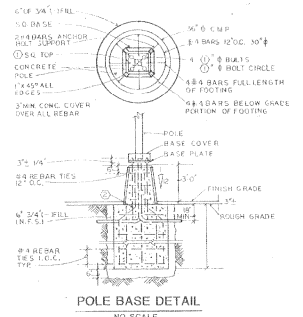
MECHANICAL ROOM ELECTRICAL PLAN

1/2"=1'-0"



FIRE/SECURITY ALARM SCHEMATIC DIAGRAM

NO SCALE



POLE BASE DETAIL

NO SCALE

- ① VERIFY ANCHOR BOLT SIZE, BOLT CIRCLE, AND ORIENTATION WITH MANUFACTURER'S APPROVED SHOP DRAWING. TOP OF FOOTING TO BE FINISHED 1" ABOVE FINISH GRADE.
- ② PROVIDE EXTRA SECURITY ANCHORS DEEP TO OBTAIN 34" MIN. PROJECTION FROM CONCRETE SURF.

AS ADVERTISED
 JUL 6 1967

REVISIONS	DESCRIPTION	BY	DATE	ENGINEERING RECORD
1		SSW		DATE
2		SSW	6-18-67	DATE
3		SSW	6-18-67	DATE
4		SSW		DATE
5		SSW		DATE

REVISIONS	DESCRIPTION	BY	DATE	ENGINEERING RECORD
1		SSW		DATE
2		SSW	6-18-67	DATE
3		SSW	6-18-67	DATE
4		SSW		DATE
5		SSW		DATE



Legg, Hintze Engineers, Inc.
 ELECTRICAL ENGINEERS/CONSULTANTS
 201 Barrow Street, Suite 103
 Anchorage, Alaska 99501
 (907) 258-0771

60 MAN NATIONAL GUARD
 ARMORY/MOTOR VEHICLE STORAGE
MECHANICAL ROOM/ALARM DETAILS
 VALDEZ, ALASKA
E-3
 SHEET 3 OF 4

