

**SOLICITATION, OFFER,
AND AWARD**

(Construction, Alteration, or Repair)

1. SOLICITATION NO. DTFA-02-02-R-18926	2. TYPE OF SOLICITATION <input checked="" type="checkbox"/> NEGOTIATED (RFO)	3. DATE ISSUED 8-22-02	PAGE OF PAGES 1 of 32
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IMPORTANT - THE "OFFER" SECTION ON THE REVERSE MUST BE FULLY COMPLETED BY OFFEROR.

4. CONTRACT NO. DTFA-02-02-C-15777	5. REQUISITION/PURCHASE REQUEST NO. 2-18926	6. PROJECT NO./WORK ORDER NO. WO # 99-0141
7. ISSUED BY FAA, NAS Automation & Facilities Contracting Team (AMQ-210) 6500 South MacArthur Boulevard P.O. Box 25082 Oklahoma City, OK 73125-4929	CODE	8. ADDRESS OFFER TO (If other than Item 7) FAA, Customer Service Desk (AMQ-140) Room 321, Multi-Purpose Building 6500 South MacArthur Boulevard P.O. Box 25082 Oklahoma City, OK 73125-4933
9. FOR INFORMATION CALL: >	A. NAME John A. Lippe	B. TELEPHONE NO. (Include area code) (NO COLLECT CALLS) (405) 954-7833

FIRM-FIXED-PRICE SOLICITATION PHASE I CAMI RENOVATIONt
NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

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10. The Government requires performance of the work described in these documents (Title, Identifying no., date):

THIS PROCUREMENT IS A 100% SET-ASIDE FOR COMPETITION LIMITED TO ELIGIBLE SOCIALLY AND ECONOMICALLY DISADVANTAGED BUSINESSES CERTIFIED BY THE OKLAHOMA SMALL BUSINESS ADMINISTRATION DISTRICT OFFICE.

(a) Project Manual, Divisions 1-16, titled, CAMI Building Renovation, dated July 31, 2002, various pages.

(b) FAA Drawing No. AMP-400-E-1059, titled, Civil Aerospace Medical Institute, Modular Staging Facilities, Phase I, with various sub-titles, dated June 24, 2002, 55 pages.

THE ESTIMATED PRICE RANGE OF THIS PROCUREMENT IS: \$2,500,000 - \$3,500,000

11. The Contractor shall begin performance within 15 calendar days and complete it within the number of calendar days specified in clause 3.2.2.3-71, after receiving

award, notice to proceed. This performance period is mandatory, negotiable.

12A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? (If "yes," indicate within how many calendar days after award in item 12B.)	12B. CALENDAR DAYS
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (See Part I, Section H, Clause H.9)	15

13. ADDITIONAL SOLICITATION REQUIREMENTS:

A. Sealed offers in **Original** and NO copies to perform the work required are due at the place specified in Item 8 by 2:00 p.m. (hour) local time 9-12-02 (date). If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.

B. An offer guarantee is, is not required. IN THE AMOUNT OF 20% OF THE OFFERED PRICE - SEE PART II, SECTION I, CLAUSE 3.4.1-1.

C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.

D. Offers providing less than 60 calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

14. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)

The Ross Group Construction Corp.
103 South 109th East Place
Tulsa, OK 74128.1627

15. TELEPHONE NO. (Include area code)

(918) 234-7675

16. REMITTANCE ADDRESS (Include only if different than item 14)

ACH

CODE

FACILITY CODE

17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of this solicitation. If this offer is accepted by the Government in writing within _____ calendar days after the date offers are due. (Insert any number equal to or greater than the minimum requirement stated in Item 13D. Failure to insert any number means the offeror accepts the minimum in Item 13D.)

AMOUNTS ➤

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGMENT OF AMENDMENTS

(The offeror acknowledges receipt of amendments to the solicitation - give number and date of each)

AMENDMENT NO.	One	Two	Three	Four	Five				
DATE	8/22	8/28	9/5	9/10	9/15				

20A. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER

(Type or print)

Warren Ross, Vice-President

20B. SIGNATURE

20C. OFFER DATE

09/23/02

AWARD (To be completed by Government)

21. ITEMS ACCEPTED:

Base Bid Items 1., 2., & 3. and Optional Items 2. & 4. and revised pages 4(R/3) and 26(R/3) per amendments 1, 2, 3, & 4 dated August 22 & 28 and September 5 & 15, 2002, respectively.

22. AMOUNT

\$2,828,100.00

23. ACCOUNTING AND APPROPRIATION DATA

(To be cited on the applicable delivery order issued hereunder.)

24. SUBMIT INVOICES TO ADDRESS SHOWN IN ➤

(4 copies unless otherwise specified)

ITEM
27

25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO



26. ADMINISTERED BY

CODE

FAA, NAS, Automation & Facilities Contract
Management Team (AMQ-240)
6500 South MacArthur Boulevard
P.O. Box 25082
Oklahoma City, OK 73125-4929

27. PAYMENT WILL BE MADE BY

FAA, Financial Operations Division (AMZ-100)
6500 South MacArthur Boulevard
P.O. Box 25082
Oklahoma City, OK 73125-4304

CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

 28. NEGOTIATED AGREEMENT (Contractor is required to sign this

document and return _____ copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all work, requisitions identified on this form and any continuation sheets for the consideration slated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and the clauses, representations, certifications, and specifications or incorporated by reference in or attached to this contract.

29. AWARD (Contractor is not required to sign this doc.) Your offer on this solicitation is hereby accepted as to the items listed. This consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.

30A. NAME AND TITLE OF CONTRACT OR PERSON AUTHORIZED TO SIGN
(Type or print)

31A. NAME OF CONTRACTING OFFICER (Type or print)

John A. Lippe

30B. NAME OF CONTRACTOR
BY _____

(Signature of person authorized to sign)

30C. DATE SIGNED

31B. UNITED STATES OF AMERICA
BY _____

(Signature of Contracting Officer)

31C. DATE SIGNED

9/26/02

CONTINUATION SHEET

PART I - SECTION B
SUPPLIES/SERVICES & PRICE/COST

The contractor shall furnish all labor, tools, materials, equipment, and supplies, necessary to accomplish the construction project set forth below, in accordance with the attached specifications, drawings, and the other terms, conditions, and provisions as set forth herein.

ITEM NO.	DESCRIPTION	UNIT	TOTAL AMOUNT
<u>BASE BID</u>			
1.	Construct modular office buildings for Phase I of CAMI renovation	FOR-THE-JOB	\$ <u>2,745,000.⁰⁰</u>
2.	Gas Line Allowance (NOT-TO-EXCEED) (Note: The gas line will be installed through the Oklahoma City Airport Trust, as coordinated through the Contracting Officer's Representative.)	FOR-THE-JOB	\$ <u>12,000</u>
3.	Furniture Panels Allowance (NOT-TO-EXCEED)	FOR-THE-JOB	\$ <u>12,600</u>
TOTAL OFFER FOR BASE BID ITEMS 1., 2., & 3.			\$ <u>2,769,600.⁰⁰</u>
<u>OPTIONAL ITEMS</u>			
Option 1.	<u>NOT AN OPTION</u> - This work is to be included within the base bid price. Amendment one deleted reference to this work as an option. (Fifty-four space parking lot adjacent to and south of the proposed Modular Buildings #1, #2, and #3 location, including the east/west sidewalk.)		
Option 2.	Provide parabolic light fixtures equal to Lithonia #2PM3N-G-B-3-32-18LD-120 with electronic ballast in lieu of prismatic fixtures for Type A light fixtures.	FOR-THE-JOB	\$ <u>15,750.⁰⁰</u>
Option 3.	Extend cabling and duct bank from new manhole located outside CAMI to the new manhole located outside the existing Aviation Records Building. Include terminations of all cables in communication rooms in each building as indicated on the drawings.	FOR-THE-JOB	\$ <u>522,000.⁰⁰</u>

CONTINUATION SHEET FROM PAGE 2

ITEM NO.	DESCRIPTION	UNIT	TOTAL AMOUNT
<u>OPTIONAL ITEMS</u>			
Option 4.	Carpet tile in lieu of standard modular building manufacturer roll goods.	FOR-THE-JOB	\$ <u>42,750.⁰⁰</u>
Option 5.	<u>NOT AN OPTION</u> - This work is no longer required. Amendment one deleted all reference to this work within the project manual and drawings. (Staging area to increase the size as shown on the drawings.)		
Option 6.	<u>NOT AN OPTION</u> - This work is no longer required. Amendment one deleted all reference to this work within the project manual and drawings. (Folding partitions.)		
TOTAL EVALUATED OFFER FOR BASE BID ITEMS 1., 2., & 3. AND OPTIONAL ITEMS 2., 3., & 4.			\$ <u>3,325,500.⁰⁰*</u>

*AWARD WILL BE MADE TO THE RESPONSIBLE OFFEROR SUBMITTING THE LOWEST TOTAL OFFER FOR ALL ITEMS, INCLUDING OPTIONS, REGARDLESS OF WHETHER THE OPTION(S) ARE EXERCISED OR NOT.

PART I - SECTION C
SCOPE OF WORK

3.1-1 Clauses and Provisions Incorporated by Reference (June 1999)

This screening information request (SIR) or contract, as applicable, incorporates by reference one or more provisions or clauses listed below with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make the full text available, or offerors and contractors may obtain the full text via Internet at: <http://fast.faa.gov> (on this web page, select "toolsets", then "procurement toolbox").

3.2.2.3-60 Specifications, Drawings, and Material Submittals (January 1999)

C.1 Specifications and/or Drawings

The following specifications and/or drawings are applicable to this acquisition:

- (a) Project Manual, Divisions 1-16, titled, CAMI Building Renovation, dated July 31, 2002, various pages.
- (b) FAA Drawing No. AMP-400-E-1059, titled, Civil Aerospace Medical Institute, Modular Staging Facilities, Phase I, with various sub-titles, dated June 24, 2002, 55 pages.
- (c) Addendum No. 1, titled, FAA - CAMI Renovation - Phase I, dated 8-27-02, 13 pages, plus the following 54 drawing sheets, dated 8-27-02: SKG-01; SKC01 through SKC05; SKC06; SKC07 & SKC08; SKA-01 through SKA-18; SKA-22 through SKA-24; SKA-26; SKA-28 through SKA-33; SKS-01; SKE-01 through SKE-04; and, SKT-01 through SKT-12.
- (d) Addendum No.2, titled, FAA - CAMI Renovation - Phase I, dated 9-4-02, 4 pages, plus the following 16 drawing sheets, dated 9-4-02 (except SKA-04 dated 8-27-02): SKG-01; SKC-01 & SKC-02; SKA-01 through SKA-06; SKE-01 through SKE-06; and, SKT-01.
- (e) Amendment No.5, titled, FAA - CAMI Renovation - Phase I, dated 9-13-02, 6 pages, plus the following 4 drawing sheets, dated 9-13-02: SKA-01, SKE-01, SKE-02, and SKT-01.

C.2 Bid Vs. Offer

References to the terms "bid", "bidder", etc. throughout the specifications are intended to mean "offer", "offeror", etc.

PART I - SECTION D
PACKAGING AND MARKING
NOT APPLICABLE

PART I - SECTION E
INSPECTION AND ACCEPTANCE

3.10.4-10 Inspection of Construction (April 1996)

- (a) 'Work' includes, but is not limited to, materials, workmanship, and manufacture and fabrication of components.
- (b) The Contractor shall maintain an adequate inspection system and perform such inspections as will ensure that the work performed under the contract conforms to contract requirements. The Contractor shall maintain complete inspection records and make them available to the Government. All work shall be conducted under the general direction of the Contracting Officer and is subject to Government inspection and test at all places and at all reasonable times before acceptance to ensure strict compliance with the terms of the contract.
- (c) Government inspections and tests are for the sole benefit of the Government and do not—
 - (1) Relieve the Contractor of responsibility for providing adequate quality control measures;
 - (2) Relieve the Contractor of responsibility for damage to or loss of the material before acceptance;
 - (3) Constitute or imply acceptance; or

- (4) Affect the continuing rights of the Government after acceptance of the completed work under paragraph (i) below.
- (d) The presence or absence of a Government inspector does not relieve the Contractor from any contract requirement, nor is the inspector authorized to change any term or condition of the specification without the Contracting Officer's written authorization.
- (e) The Contractor shall promptly furnish, without additional charge, all facilities, labor, and material reasonably needed for performing such safe and convenient inspections and tests as may be required by the Contracting Officer. The Government may charge to the Contractor any additional cost of inspection or test when work is not ready at the time specified by the Contractor for inspection or test, or when prior rejection makes reinspection or retest necessary. The Government shall perform all inspections and tests in a manner that will not unnecessarily delay the work. Special, full size, and performance tests shall be performed as described in the contract.
- (f) The Contractor shall, without charge, replace or correct work found by the Government not to conform to contract requirements, unless in the public interest the Government consents to accept the work with an appropriate adjustment in contract price. The Contractor shall promptly segregate and remove rejected material from the premises.
- (g) If the Contractor does not promptly replace or correct rejected work, the Government may (1) by contract or otherwise, replace or correct the work and charge the cost to the Contractor or (2) terminate for default the Contractor's right to proceed.
- (h) If, before acceptance of the entire work, the Government decides to examine already completed work by removing it or tearing it out, the Contractor, on request, shall promptly furnish all necessary facilities, labor, and material. If the work is found to be defective or nonconforming in any material respect due to the fault of the Contractor or its subcontractors, the Contractor shall defray the expenses of the examination and of satisfactory reconstruction. However, if the work is found to meet contract requirements, the Contracting Officer shall make an equitable adjustment for the additional services involved in the examination and reconstruction, including, if completion of the work was thereby delayed, an extension of time.
- (i) Unless otherwise specified in the contract, the Government shall accept, as promptly as practicable after completion and inspection, all work required by the contract or that portion of the work the Contracting Officer determines can be accepted separately. Acceptance shall be final and conclusive except for latent defects, fraud, gross mistakes amounting to fraud, or the Government's rights under any warranty or guarantee.

PART I - SECTION F

DELIVERIES OR PERFORMANCE

3.1-1 Clauses and Provisions Incorporated by Reference (June 1999)

This screening information request (SIR) or contract, as applicable, incorporates by reference one or more provisions or clauses listed below with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make the full text available, or offerors and contractors may obtain the full text via Internet at: <http://fast.faa.gov> (on this web page, select "toolsets", then "procurement toolbox").

3.2.2.3-42 Differing Site Conditions (April 1996)

3.2.2.3-43 Site Investigation and Conditions Affecting the Work (April 1996)

3.2.2.3-45 Material and Workmanship (April 1996)

3.2.2.3-47 Permits and Responsibilities (April 1996)

3.2.2.3-48 Other Contracts (April 1996)**3.2.2.3-49 Protection of Existing Vegetation, Structures, Equipment, Utilities, and Improvements (April 1996)****3.2.2.3-50 Property Protection (April 1996)****3.2.2.3-51 Operations and Storage Areas (April 1996)****3.2.2.3-52 Use and Possession Prior to Completion (April 1996)****3.2.2.3-53 Cleaning Up and Roadway Maintenance (April 1996)****3.2.2.3-54 Accident Prevention (April 1996)****3.2.2.3-56 Schedules for Construction Contracts (April 1996)****3.2.2.3-68 Safety and Health (June 1999)****3.2.2.3-69 Subcontracts - Construction (April 1996)****3.2.2.3-41 Performance of Work by the Contractor (April 1996)**

The Contractor shall perform on the site, and with its own organization, work equivalent to at least 15 percent of the total amount of work to be performed under the contract. This percentage may be reduced by a supplemental agreement to this contract if, during performing the work, the Contractor requests a reduction and the Contracting Officer determines that the reduction would be to the advantage of the Government.

3.2.2.3-46 Superintendence by the Contractor (April 1996)

At all times during performance of this contract, and until the work is completed and accepted, the Contractor shall directly superintend the work or assign and have on the worksite a competent superintendent who is satisfactory to the Contracting Officer and has authority to act for the Contractor.

3.2.2.3-71 Commencement, Prosecution, and Completion of Work (November 1997)(Rev)

The Contractor shall (a) commence work under this contract within ten (15) calendar days after the date the Contractor receives the notice to proceed, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than the number of calendar days, as listed below, after receipt of notice of to proceed. The time stated for completion shall include final cleanup of the premises.

Base Bid Items 1., 2., & 3. and Option Items 2., 3., & 4.: 180 Calendar Days

F.1 Accelerated Delivery (January 1997)**CLA.1817**

Any Schedule for delivery or performance may be expedited at the contractor's option, if without additional expense to the Government.

F.2 Working Hours (Revised)**CLA.1229**

Work at the site shall be accomplished between the hours of 7 a.m. and 4:30 p.m., Monday through Friday, excluding federally-established holidays, except when prior approval has been obtained from the Contracting Officer. Approval for overtime work shall not be construed as an agreement for payment of overtime work.

F.3 Contractor's Construction Schedule and Material Submittals

- (a) The contractor shall prepare and submit the construction work schedule to the CO for approval within 5 days of the date established for "Commencement of Work."
- (b) Refer to "Specifications", Division One – General Requirements, Section 01300, for additional information on preparation and submission of the construction schedule as well as other material submittals.

PART I - SECTION G CONTRACT ADMINISTRATION DATA

3.2.2.3-62 Preconstruction Conference (April 1996)

The successful offeror will be required to attend a pre-construction conference at a site designated by the Contracting Officer prior to commencement of the work.

3.6.3-12 Asbestos-Free Construction (August 1998)

- (a) In performing this contract, the Contractor shall not use asbestos or asbestos-containing building materials during construction, renovation, and/or modernization of this facility and shall provide to the Contracting Officer (CO) a signed statement, prior to final acceptance, indicating that to the best of its knowledge, no asbestos or asbestos-containing building materials were used during construction, renovation, and/or modernization of this facility. The Contractor's certification under this clause is considered to be a material requirement of the contract and the FAA may withhold payment pending submittal and receipt of an acceptable certification.
- (b) The FAA CO may authorize sample testing of contractor building materials used during construction, renovation, and/or modernization of this facility to verify that they are asbestos-free. The FAA will bear the expense of this testing unless the testing reveals that the Contractor used asbestos-containing building material in performing this contract. If asbestos-containing material is found, the Contractor shall remove and replace the asbestos-containing material and decontaminate the site of asbestos contamination caused by the Contractor at no additional cost to the Government. In addition, the Contractor shall bear the expense of the original testing and retesting to determine that the asbestos removal and site decontamination are satisfactorily completed.

G.1 Release Form (January 1997)

CLA.1227

The contractor will be required to execute Contractor's Release Form DOT F 4220.4 (2-71) prior to final payment under the contract. (Note: A copy of Form DOT F 4220.4 (2-71) is attached hereto for information purposes.)

G.2 Availability and Use of Utility Services (January 1997)

CLA.1405

The contractor may use existing utilities without charge, if available; however, the contractor at his own expense and in a workmanlike manner satisfactory to the Contracting Officer, shall furnish, install, and maintain all necessary temporary connections and distribution lines, and shall remove same prior to final acceptance of the construction.

PART I - SECTION H
SPECIAL CONTRACT REQUIREMENTS

H.1 Qualifications of Employees (July 2000)

The Contracting Officer will provide notice to the Contractor when any contractor employee is found to unsuitable or otherwise objectionable, or whose conduct appears contrary to the public interest, or inconsistent with the best interest of national security. The Contractor shall take appropriate action, including the removal of such employees from working on this FAA contract, at their own expense. The contractor agrees to insert terms that conform substantially to the language of this clause in all subcontracts under this contract.

H.2 Notification of Criminal Activity by Contract Employee (July 2001) CLA.0069

Upon learning that contractor personnel with authorized access to FAA facilities/resources has been charged by a law enforcement agency for any criminal offense other than minor traffic offense, the contractor shall provide written notification within one workday to the Contracting Officer. The Contracting Officer (CO) shall then notify the FAA Servicing Security Element (SSE) AMC-700 at the Aeronautical Center in writing. A traffic offense will be considered minor when the maximum fine that could be imposed is \$300 or less. The contractor will be notified of the impact that the charge or results of the charge have on the contractor's affected personnel as soon as a determination is provided to the CO by the SSE.

H.3 Requirement for Screening of Contractor Personnel (July 2001) CLA.1262

(a) **Contractor Screening of Personnel.** The operation of this contract is intended to promote the continued safe and secure operation of Federal Aviation Administration (FAA) facilities, systems and resources that comprise or support the National Aerospace System. Access to most FAA locations, systems and equipment is restricted and controlled by the responsible FAA Servicing Security Element. No rights of access to FAA facilities or resources are conferred to the contractor or contractor personnel by this contract. The contractor is responsible for identifying and providing qualified and acceptable personnel in performance of the contract. To meet this requirement, the contractor shall perform routine personnel screening prior to personnel having access to any FAA facility, resources, or sensitive information.

(1) The contractor shall obtain a criminal history report of the prospective employee from the appropriate state authority, i.e., the state where the individual was last employed. If the criminal history report reveals an occurrence of activity listed in paragraphs 1 through 6 of the contract attachment entitled "Screening Standards-Contractor" within the preceding 9 years, the prospective employee shall not be allowed access to any FAA facility, resources, or sensitive information. Payment of any fees charged for such criminal history reports shall be the responsibility of the contractor. If the cost is included in the price of the contract, it shall be subject to the usual tests of allocability and reasonableness.

(2) The Government expects that the contractor will normally contact prospective employees' previous employer(s) for employment history, and apply the contractor's customary standards for employment suitability. If this employment history check reveals a documented occurrence of activity listed in paragraph 7 of the contract attachment entitled "Screening Standards-Contractor" within the preceding 9 years, the prospective employee shall not be allowed access to any FAA facility, resources, or sensitive information.

(3) When specific experience or educational requirements apply to personnel performing on the contract, the contractor shall verify prospective employees' claimed experience or educational qualifications.

(b) Government Screening Standards for Contractor Personnel.

(1) The Contractor shall inform prospective employees that the FAA will perform background investigations on contractor personnel prior to their gaining access to any Federal Aviation Administration (FAA) facility, resource or sensitive information/system in performance of the contract.

(2) Prior to placing any employee in a position having access to FAA facilities, resources or sensitive information, the contractor shall provide that employee a copy of the contract attachment entitled "Adjudicative Standards: Issues". (Appendix 6, FAA Order 1600.72). In addition, the contractor must advise the prospective employee of FAA's intent to employ such adjudicative standards in determining employee access as described above.

(3) Any personnel the contractor employs to work on FAA facilities and resources found to have a conviction history within nine (9) years prior to beginning performance under this contract shall be denied access to any FAA-controlled facility/resource. No access will be granted until the Government's background investigation is complete and a favorable determination made as a result of the adjudication process.

(c) Upon written request to the CO or his/her designated representative, the FAA may waive the screening requirements with respect to:

(1) a contractor employee that has had a FAA background investigation within the previous five years, with uninterrupted employment and performance on a FAA facility, and a record of acceptable behavior; or

(2) a contractor employee that has had a FAA background investigation within the previous 12 months, with interrupted employment and performance on a FAA facility, and a record of acceptable behavior.

(d) If in unusual circumstances the contractor finds it necessary to utilize a person that does not meet the requirements of paragraph (a), the FAA may at its sole discretion, grant a waiver to this clause.

Contractor's request for waiver shall be in writing to the contracting officer, providing information about mitigating circumstances to the negative screening results, and explain why the person should have access to FAA facilities, resources or sensitive information. The FAA will grant or deny the waiver request in writing within 15 days following receipt. The decision to grant or deny the waiver is solely the FAA's, and is not subject to appeal or to the "Disputes" clause of this contract. The contractor understands that access suitability determinations by the responsible Security Servicing Element, although conclusive under this contract, derive legal standing independent of the contract.

(e) If the contractor fails to perform the required screening, or disregards the results of the screening, and subject personnel are found to be unacceptable as a result of FAA background investigation(s), the contractor shall be responsible for FAA's cost of subsequent FAA background investigation(s) of the replacement personnel. The cost of additional FAA background investigation(s) may be deducted from requests for payment under the contract.

(f) The Contractor shall retain all reports and related documentation pertaining to (a)(1) through (3) for the duration of this contract, and shall make them available for review by the contracting officer, or his/her designated representative, within 10 days of written request.

(g) Neither the time required to perform the screening, nor the impact of any personnel action(s) required as a consequence of the screening shall be considered an "excusable delay" as described in the "Default" clause of this contract.

(h) Notwithstanding the diligent effort of the contractor to provide qualified and acceptable personnel for performance of the contract, the CO may by written notice deny access to FAA facilities, resources, or sensitive information to those personnel who have been deemed incompetent, careless, dangerous, unsuitable or otherwise objectionable, former federal employees in violation of a post-employment restriction, or those whose continued presence on Government property is contrary to the public interest or inconsistent with the interest of national security. The Contractor shall fill out, and cause each of its

personnel on the contract to fill out for submission to the Government, such forms as may be necessary for security or other reasons relating to qualifications and suitability for contract work. Upon request of the CO, the Contractor's personnel shall be fingerprinted.

H.4 FAA Facility Regulations (July 2001)

CLA.3402

Contractor personnel, including employees of subcontractors, suppliers, etc., working or visiting an FAA facility, shall abide by all appropriate traffic, parking, security, and airport regulations in effect at that facility.

H.5 Government-Issued Keys/Identification Badges and Vehicle Decals (July 2001)

CLA.3403

(a) It may become necessary for the Government to issue keys, identification (ID) cards or vehicle decals to contractor personnel. Prior to or upon completion or termination of the work required hereunder, the contractor shall return all such government issued items to the issuing office with notification to the Contracting Officer Technical Representative (COTR).

When contract personnel who have been issued such items, either directly by the Government or through the contract supervisor, no longer require them to perform the work, the Government issued items shall be returned to the Government within three workdays. Additionally, unauthorized duplication or use of such keys, ID cards or decals is a violation of security procedures and is prohibited.

(b) In the event such keys, ID cards, or vehicle decals are not returned, the contractor understands and agrees that the Government may, in addition to any other withholding provision of the contract, withhold \$200 for each key, ID card, or vehicle decal not returned. If the keys, ID cards, or vehicle decals are not returned within 30 days from the date the withholding action was initiated, the contractor will forfeit any amount so withheld.

(c) Access to aircraft ramp/hangar areas is authorized only to those persons displaying a flight line identification card and, for vehicles, a current ramp permit issued pursuant to Part 107 of the Federal Aviation Regulations.

(d) The Government retains the right to inspect, inventory, or audit the ID cards, keys and vehicle decals issued to the contractor in connection with the contract at the convenience of the Government. Any items not accounted for to the satisfaction of the Government shall be assumed to be lost and the provisions of paragraph (b) shall apply.

(e) Keys shall be obtained from the COTR who will require the contractor to sign a receipt for each key obtained. Lost keys or identification media shall immediately be reported concurrently to the Contracting Officer (CO), COTR, the Civil Aviation Security Division, AMC-700 and the Office of Facility Management, AMP-300.

(f) Each contract employee, during all times of on-site performance at the Mike Monroney Aeronautical Center, shall prominently display his/her current and valid identification card on the front portion of their body between the neck and waist.

(1) Prior to any contractor personnel obtaining any pass or ID, the contractor shall submit complete documentation required under Clause entitled 3.13-6 Contractor Personnel Suitability Requirements.

(2) To obtain the ID contractor personnel shall submit an Identification Card/Credential Application, (DOT 1681), signed by the employee and authorized by the CO or the COTR. The DOT 1681 shall be submitted at the same time the personnel security investigation paperwork required by Clause entitled 3.13-6 Contractor Personnel Suitability Requirements, is submitted. The DOT 1681 shall contain, as a minimum, under the "Credential Justification" heading, the name of the contractor/company, the contract number or the appropriate acquisition identification number, the expiration date of the contract or the task

(whichever is sooner), and the required signatures. This paperwork shall be submitted to the Civil Aviation Security Division, AMC-700 in the Airmen Records Building (ARB), Rm. 124, by the contractor, in a sealed envelope, either hand-carried by the contractor or sent via U.S. Mail to: FAA, Civil Aviation Security Division, AMC-700, P.O. Box 25082, Oklahoma City, OK 73125. The contractor will be notified when the DOT 1681 has been approved and is ready for processing by the Aeronautical Center guards in the Headquarters Building, Room 151. Arrangements for processing the Identification Cards, including photographs and lamination, can be made by contacting the Aeronautical Center security guards at 405-954-4620.

(3) The contractor's project manager shall receive and sign for each ID card issued on the reverse of the DOT 1681. The DOT 1681 will be retained by the Government for accountability purposes.

(g) The contractor is responsible for ensuring final clearance is accomplished for all departing contract personnel. Final clearance will be accomplished by close of business the final workday of the contract employee or the next day under special conditions. Aeronautical Center Form AC 3370-2, Contract Employee Clearance Form will be completed by the contractor and copies will be distributed to the COTR, CO, and AMC-700 after completion.

H.6 3.13-6 Contractor Personnel Suitability Requirements
(July 2001) (As Revised 7/25/01)

CLA.4543

(a) Definitions.

(1) Access - In general the term "access" is defined as the ability to physically enter or pass through an FAA area or a facility; or having the physical ability or authority to obtain FAA sensitive information, materials or resources. In relation to classified information, the ability, authority or opportunity to obtain knowledge of such information or materials.

(2) Classified information - means official information or material that requires protection in the interest of national security and is classified for such purpose by appropriate classification authority in accordance with the provisions of Executive Order 12958, Classified National Security Information, in accordance with the provisions of Executive Order 12968, Access to Classified.

(3) Contractor employee as used for personnel security - any person employed as or by a contractor, subcontractor or consultant in support of the FAA.

(4) FAA Facility as it applies to personnel security - any manned or unmanned building, structure, warehouse, appendage, storage area, utilities, and components, which, when related by function and location form an operating entity owned, operated, or controlled by the FAA.

(5) Operating Office - a FAA line of business, an office or service in FAA headquarters, or a FAA division level organization in a region or center.

(6) Resources - FAA resources include a physical plant, information databases including hardware and software, as well as manual records pertaining to agency mission or personnel.

(7) Sensitive Information - any information which if subject to unauthorized access, modification, loss, or misuse could adversely affect the national interest, the conduct of Federal programs, or the privacy to which individuals are entitled under Section 552a of Title 5, United States Code (the Privacy Act), but which has not been specifically authorized under criteria established by an Executive Order or an Act of Congress to be kept secret in the interest of national defense or foreign policy. Sensitive data also includes proprietary data.

(8) Servicing Security Element - the FAA headquarters, region, or center organizational element, which is responsible for providing security services to a particular activity.

(b) This clause applies to the extent that this contract requires contractor employees, subcontractors, or consultants to have access to FAA: (1) facilities, (2) sensitive information, and/or (3) resources regardless of the location where such access occurs, and none of the exceptions listed in FAA Order 1600.72, Chapter

4, paragraph 403g, 403i-1 and/or 409, pertain.

(c) Consistent with FAA Order 1600.72, the FAA Servicing Security Element (SSE) has approved designated risk levels for the following positions under the contract:

<u>Position</u>	<u>Risk Level</u>
Construction – General Labor	Sensitivity Level 1 – Low Risk
Construction – Project Manager	Sensitivity Level 5 – Moderate Risk

(d) Not later than 30 days after contract award (or date of modification, if this provision is included by modification to an existing contract), for each employee in a listed position, provided, no previous background investigations can be supported as described below, the contractor shall submit the following documentation to the SSE for an employment suitability determination.

(1) Standard Form (SF) 85P, Questionnaire for Public Trust Positions, revised September 1995. The SF 85P shall be completed (all questions answered) in accordance with the instruction sheet.

(2) One single sheet fingerprint card (FD-258). The FAA SSE will provide information pertaining to the location of fingerprinting facilities. All fingerprint charts shall be written in ink or typewritten with all answerable question blocks completed, and shall be signed and dated within the 60 day period preceding the submission.

(3) The type of investigation conducted will be determined by the position risk level designation for all duties, functions, and/or tasks performed and shall serve as the basis for granting a favorable employment suitability authorization as described in FAA Order 1600.72. If an employee has had a previous background investigation completed by a federal Government entity, which meets the requirements of Chapter 4 of FAA Order 1600.72, it will be accepted by the FAA, however, the FAA reserves the right to conduct further investigations, if necessary. For each employee for which a previous background investigation was completed the Contractor shall provide, in writing to the SSE, the name, date of birth, place of birth, and social security number of the employee, the name of the investigating entity and approximate date the previous background investigation was completed.

(4) The Contractor shall submit the required information with a transmittal letter referencing the contract number and this request to:

Mike Monroney Aeronautical Center Contracts:
Mgr., Investigations and Internal Security Branch, AMC-700
Federal Aviation Administration
6500 S. MacArthur Blvd.
Oklahoma City, OK 73169

(5) The transmittal letter shall also include a list of the names of employees and their positions for which completed forms were submitted to the SSE pursuant to this Clause. A copy of the transmittal letter shall also be provided to the Contracting Officer.

(e) The contractor shall submit the information required by Section (d) of this Clause for any new employee not listed in the Contractor's initial thirty (30) day submission who is hired into any position identified in Section (c) of this Clause.

(f) No contractor employee shall work in a high, moderate, or low risk position unless the SSE has received all forms necessary to conduct any required investigation and has authorized the contractor employee to begin work. However, if this provision is added by modification to an existing contract, contractor employees performing in the positions listed above may continue work on the contract pending:

(1) the submittal of all necessary forms within 30 days, and

(2) completion of a suitability investigation by the SSE, subject to the following conditions:

NONE

(3) If the necessary forms are not submitted by the Contractor to the SSE within 30 days of the effective date of the modification, the contractor employee shall be denied access to FAA facilities, sensitive information and/or resources until such time as the forms are submitted.

(g) As applicable, the Contractor shall submit quarterly reports providing the following information to the Contracting Officer with a copy to the SSE and the Operating Office on or before the fifth day following each report period: A complete listing by full name in alphabetical order with the social security number, of all contractor personnel who had access to an FAA facility, sensitive information and/or resources anytime during the report period (social security number shall be omitted from CO and Operating Office copies of report(s)).

(1) In addition to the above mentioned quarterly report requirements, the Contractor shall submit to the SSE on or before the fifth day of each month, any employment changes made during the reporting period. Examples of such changes are terminations (to include name, SSN, termination date), new hires (to include name, SSN, hire date), and name changes. All lists should be in alphabetical order and have the name of the Contractor and the contract number.

(h) The Contractor shall notify the CO within one (1) day after any employee identified pursuant to Section (c) of this Clause is terminated from performance on the contract.

(i) The Contracting Officer may also, after coordination with the SSE and other security specialists, require contractor employees to submit any other security information (including additional fingerprinting) deemed reasonably necessary to protect the interests of the FAA. In this event, the Contractor shall provide, or cause each of its employees to provide such security information to the SSE, and the same transmittal letter requirements of Section (d) of this Clause shall apply.

(j) Failure to submit information required by this clause within the time required may be determined by the Contracting Officer a material breach of the contract.

(k) If subsequent to the effective date of this contract, the security classification or security requirements under this contract are changed by the Government and if the changes cause an increase or decrease in security costs or otherwise affect any other term or condition of this contract, the contract shall be subject to an equitable adjustment as if the changes were directed under the Changes clause of this contract.

(l) The contractor agrees to insert terms that conform substantially to the language of this clause, including this paragraph (l) but excluding any reference to the Changes clause of this contract, in all subcontracts under this contract that involve access and where the exceptions under Chapter 4, paragraph 403g, 403i-1, and 409 of FAA Order 1600.72 do not apply.

H.7 Foreign Nationals as Contractor Employees (July 2001)

CLA.4544

(a) All contractor personnel involved with the performance of this contract requiring access as defined by the Clause entitled 3.13-6 Contractor Personnel Suitability Requirements, in performance of this contract, shall be a citizen of the United States of America, or an alien who has been lawfully admitted for permanent residence as evidenced by Alien Registration Receipt Card form I-151, or who presents other evidence from the Immigration and Naturalization Service that employment will not affect his/her immigration status. Copies of applicable documentation must be available to appropriate Federal Officials upon request.

(b) Aliens and foreign nationals proposed under this contract who have access to FAA sensitive information, facilities and/or resources must meet the following conditions in accordance with FAA Order 1600.72, chapter 4, paragraph 407: (1) must have resided within the United States for 3 consecutive years of the last 5 years unless a waiver of this requirement is requested and approved in accordance with the requirements stated in FAA Order 1600.72, chapter 4, paragraph 409(b)(3); (2) a risk or sensitivity level designation can be made for the position; and (3) the appropriate security screening can be adequately conducted.

H.8 Security Forms Submittal Requirements (July 2001)**CLA.4545**

- (a) The contractor shall submit complete (meaning every blank filled in), accurate (to the best of their knowledge) and timely (within the time frame specified in the Clause entitled 3.13-6 Contractor Personnel Suitability Requirements) security forms with the required transmittal letter to the appropriate Servicing Security Element (SSE). A copy of the transmittal letter shall also be provided to the Contracting Officer.
- (b) The applicable security forms are located on the Internet at <http://www.ronmac.jccbi.gov/amq/security.htm> except for the Fingerprint Charts (Form No. FD-258) and ID Card Applications (DOT Form 1681) which will be provided by the COTR after contract award.
- (c) Any discrepancies/incomplete forms shall be returned to the contractor's Project Manager or in lieu thereof, to the Government's Contracting Officer's Technical Representative (COTR) for return to the contractor.
- (d) Failure on the contractor's part to submit complete, accurate and timely information (in whole or in part) may be grounds for termination under the Default clause of this contract.

**H.9 Submission of Contract Performance and Payment Bonds
(March 1999)****CLA.3207**

(This clause is applicable when contract price exceeds \$25,000.)

- (a) Pursuant to AMS Clauses 3.4.1-4, Performance Bond Requirements, and 3.4.1-5, Payment Bond Requirements, incorporated herein by reference, the contractor shall within 15 calendar days after the award of the contract deliver to the Contracting Officer -
- (1) A Performance Bond on Standard Form 25 (in duplicate) in a penal sum equal to 100 percent of the contract price, and
- (2) A Payment Bond on Standard Form 25-A (in duplicate) in a penal sum equal to 50 percent of the contract price if the contract price is not more than \$1 million; 40 percent of the contract price if the contract price is more than \$1 million but not more than \$5 million; or \$2 1/2 million if the contract price is more than \$5 million.
- (b) Copies of Standard Form 25 and Standard Form 25-A are attached and listed at Section J.
- (c) Each bond shall also be accompanied by a Power of Attorney (also in duplicate) whereby the surety company authorized the execution of the bond by its agent or employee.
- (d) Each bond shall remain in full force and effect through the entire term of the contract, including extensions and warranty/guarantee periods, if any.

**H.10 Agreement to Participate in Alternative Dispute Resolution
(April 1998)****CLA.4540**

- (a) The Federal Aviation Administration encourages direct communications and negotiations between the contractor and the contracting officer in an attempt to resolve contract disputes. In those situations where the parties are not able to achieve resolution at the contracting officer level, the agency favors the use of alternative dispute resolution (ADR) techniques to resolve disputes.
- (b) The parties hereby agree that, prior to referring a contract dispute to the Office of Disputes Resolution as described in contract clause 3.9.1-1 "Contract Disputes", the parties will discuss whether they are willing to utilize ADR techniques such as mediation or nonbinding evaluation of the dispute by a neutral party. Upon receipt of a contract dispute from the contractor, the contracting officer will explore with the contractor whether the use of ADR techniques would be appropriate to resolve the dispute. Both parties must agree that the use of such techniques is appropriate, and agree to fairly share the associated expenses. If the parties do not mutually agree to utilize ADR to resolve the dispute, the dispute will be processed in accordance with the procedures set forth in clause 3.9.1-1.

**PART II - SECTION I
CONTRACT CLAUSES**

3.1-1 Clauses and Provisions Incorporated by Reference (June 1999)

This screening information request (SIR) or contract, as applicable, incorporates by reference one or more provisions or clauses listed below with the same force and effect as if they were given in full text.

Upon request, the Contracting Officer will make the full text available, or offerors and contractors may obtain the full text via Internet at: <http://fast.faa.gov> (on this web page, select "toolsets", then "procurement toolbox").

- 3.2.2.3-1 False Statements in Offers (April 1996)**
- 3.2.2.3-33 Order of Precedence (January 1999)**
- 3.2.2.7-6 Protecting the Government's Interest when Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (April 1996)**
- 3.2.5-1 Officials Not to Benefit (April 1996)**
- 3.2.5-3 Gratuities or Gifts (January 1999)**
- 3.2.5-4 Contingent Fees (October 1996)**
- 3.2.5-5 Anti-Kickback Procedures (October 1996)**
- 3.2.5-8 Whistleblower Protection for Contractor Employees (April 1996)**
- 3.2.5-11 Drug Free Workplace (April 1996)**
- 3.3.1-9 Interest (April 1996)**
- 3.3.1-15 Assignment of Claims (April 1996)**
- 3.3.1-19 Prompt Payment for Construction Contracts (August 1998)**
- 3.3.1-25 Mandatory Information for Electronic Funds Transfer Payment (June 2001)**
- 3.4.1-1 Proposal Guarantee (April 1996)**
- 3.4.1-4 Performance Bond Requirements (April 1996)**
- 3.4.1-5 Payment Bond Requirements (April 1996)**
- 3.4.1-6 Additional Bond Security (April 1996)**
- 3.4.1-10 Insurance--Work on a Government Installation (July 1996)**
- 3.4.2-6 Taxes--Contracts Performed in U.S. Possessions or Puerto Rico (October 1996)**
- 3.4.2-8 Federal, State, and Local Taxes--Fixed Price Contract (April 1996)**
- 3.5-4 Patent Indemnity--Construction Contracts (April 1996)**
- 3.6.1-3 Utilization of Small, Small Disadvantaged and Women-Owned Small Business Concerns (April 1996)**
- 3.6.2-1 Contract Work Hours and Safety Standards Act-Overtime Compensation (April 1996)**
- 3.6.2-2 Convict Labor (April 1996)**
- 3.6.2-9 Equal Opportunity (August 1998)**
- 3.6.2-12 Affirmative Action for Special Disabled and Vietnam Era Veterans (January 1998)**
- 3.6.2-13 Affirmative Action for Handicapped Workers (April 2000)**
- 3.6.2-14 Employment Reports on Special Disabled Veterans and Veterans of Vietnam Era (January 1998)**
- 3.6.2-16 Notice to the Government of Labor Disputes (April 1996)**
- 3.6.2-18 Davis Bacon Act (April 1996)**
- 3.6.2-19 Withholding--Labor Violations (April 1996)**
- 3.6.2-20 Payrolls and Basic Records (June 1999)**
- 3.6.2-21 Apprentices, Trainees, and Helpers (April 1996)**
- 3.6.2-22 Subcontracts (Labor Standards) (April 1996)**

- 3.6.2-23 Certification of Eligibility (April 1996)
- 3.6.3-2 Clean Air and Clean Water (April 1996)
- 3.6.3-13 Recycle Content and Environmentally Preferable Products (January 2002)
- 3.6.3-14 Use of Environmentally Preferable Products (January 2002)
- 3.6.4-4 Buy American Act—Construction Materials under North American Free Trade Agreement (July 1996)
- 3.6.4-10 Restrictions on Certain Foreign Purchases (April 1996)
- 3.9.1-1 Contract Disputes (August 1999)
- 3.10.1-7 Bankruptcy (April 1996)
- 3.10.1-8 Suspension of Work (August 1998)
- 3.10.1-9 Stop-Work Order (October 1996)
- 3.10.1-11 Government Delay of Work (April 1996)
- 3.10.1-15 Changes—Construction, Dismantling, Demolition, or Removal of Improvements (July 1996)
- 3.10.1-16 Changes and Changed Conditions (April 1996)
- 3.10.1-19 Modification Cost Proposal - Price Breakdown (Construction) (April 1996)
- 3.10.1-20 Warranty—Construction (April 1996)
- 3.10.1-24 Notice of Delay (November 1997)
- 3.10.6-1 Termination for Convenience of the Government (Fixed Price) (October 1996)
- 3.10.6-6 Default (Fixed Price Construction) (October 1996)
- 3.6.1-7 Limitations on Subcontracting (August 1997)

By submission of an offer and execution of a contract, the Offeror/Contractor agrees that in performance of the contract in the case of a contract for:

- (a) Services (except construction). At least 50 percent of the cost of contract performance incurred for personnel shall be expended for employees of the prime contractor.
- (b) Supplies (other than procurements from a regular dealer in such supplies). The prime contractor shall perform work for at least 50 percent of the cost of manufacturing the supplies, not including the cost of materials.
- (c) General construction. The prime contractor shall perform at least 15 percent of the cost of the contract, not including the cost of materials, with its own employees.
- (d) Construction by special trade contractors. The prime contractor shall perform at least 25 percent of the cost of the contract, not including the cost of materials, with its own employees.

3.6.1-8 Notification of Competition Limited to Eligible Oklahoma SEDB Concerns (April 2000)
(Revised)

- (a) Offers are solicited only from "eligible socially and economically disadvantaged business (SEDB)" concerns within the State of Oklahoma. As used herein, an "eligible SEDB" concern is a small business concern expressly certified by the Oklahoma District Office of the Small Business Administration (SBA) for participation in the SBA's 8(a) program and which meets the following criteria at the time of release of the initial SIR or public announcement (if issued), whichever is first:
 - (1) The offeror is in conformance with the 8(a) support limitation set forth in its approved business plan; and
 - (2) The offeror is in conformance with the Business Activity Targets set forth in its approved business plan or any remedial action direct by the SBA.
- (b) By submission of its offer, the offeror certifies that it meets all of the criteria set forth in paragraph (a) of this clause.

(c)(1) Agreement. A manufacturer or regular dealer submitting an offer in its own name agrees to furnish, in performing the contract, only end items manufactured or produced by small business concerns inside the United States, its territories or possessions, the Commonwealth of Puerto Rico, or the Trust Territory of the Pacific Islands. However, this requirement does not apply in connection with construction or service contracts.

(2) The Contractor will notify the FAA's Administrative Contracting Officer, in writing, immediately upon entering an agreement (either oral or written) to transfer all or part of its stock or other ownership interest to any other party.

3.2.2.3-39 Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data - Modifications (June 1999)

Exceptions from cost or pricing data.

(a) In lieu of submitting cost or pricing data for modifications under this contract, for price adjustments on the date of the agreement on price or date of the award, whichever is later, the Contractor may submit a written request for exception by submitting the information described in the following paragraphs. The Contracting Officer may require additional supporting information, but only to the extent necessary to determine whether an exception should be granted, and whether the price is fair and reasonable--

(1) Information relative to an exception granted for prior or repetitive acquisitions.

(2) Catalog price information as follows:

(i) Attach a copy of or identify the catalog and its date, or the appropriate pages for the offered items, or a statement that the catalog is on file in the buying office to which this proposal is being made.

(ii) Provide a copy or describe current discount policies and price lists (published or unpublished), e.g., wholesale, original equipment manufacturer, and reseller.

(iii) Additionally, for each catalog item that exceeds [CO to insert extended value - not unit price], provide evidence of substantial sales to the general public. This may include sales order, contract, shipment, invoice, actual recorded sales or other records that are verifiable. In addition, if the basis of the price proposal is sales of essentially the same commercial item by affiliates, other manufacturers or vendors, those sales may be included. The offeror shall explain the basis of each offered price and its relationship to the established catalog price. When substantial general public sales have also been made at prices other than catalog or price list prices, the offeror shall indicate how the proposed price relates to the price of such recent sales in quantities similar to the proposed quantities.

(3) Market price information. Include the source and date or period of the market quotation or other basis for market price, the base amount, and applicable discounts. The nature of the market should be described. The supply or service being purchased should be the same as or similar to the market price supply or service. Data supporting substantial sales to the general public is also required.

(4) Identification of the law or regulation establishing the price offered. If the price is controlled under law by periodic rulings, reviews, or similar actions of a governmental body, attach a copy of the controlling document, unless it was previously submitted to the contracting office.

(5) Information on modifications of contracts or subcontracts for commercial items.

(i) If (1) The original contract or subcontract was granted an exception from cost or pricing data requirements because the price agreed upon was based on adequate price competition, catalog or market prices of commercial items, or prices set by law or regulation; and (2) the modification (to the contract or subcontract) is not exempted based on one of these exceptions, then the Contractor may provide information to establish that the modification would not change the contract or subcontract from a contract or subcontract for the acquisition of a commercial item to a contract or subcontract for the acquisition of an item other than a commercial item.

- (ii) For a commercial items, the Contractor may provide information on prices at which the same item or similar items have been sold in the commercial market.
- (b) The Contractor grants the Contracting Officer or an authorized representative the right to examine, at any time before award, books, records, documents, or other directly pertinent records to verify any request for an exception under this clause, and the reasonableness of price. Access does not extend to cost or price information or other data relevant solely to the Contractor's determination of the prices to be offered in the catalog or marketplace.
- (c) By submitting information to qualify for an exception, an offeror is not representing that this is the only exception that may apply.
- (d) Requirements for cost or pricing data. If the Contractor is not granted an exception from the requirement to submit cost or pricing data, the following applies:
 - (1) The Contractor shall submit cost or pricing data as specified in the Appendix to Toolbox Guidance Section T.3.2.3, "Cost and Pricing Methodology".
 - (2) As soon as practicable after agreement on price, but before award (except for unpriced actions), the Contractor shall submit a Certificate of Current Cost or Pricing Data as described in the Appendix to Toolbox Guidance Section 3.2.3, "Cost and Price Methodology".

3.3.1-2 Payments under Fixed-Price Construction Contracts (April 1996)

- (a) The FAA shall pay the Contractor the contract price as provided in this contract.
- (b) The FAA shall make financing payments monthly as the work proceeds, or at more frequent intervals as determined by the Contracting Officer, on estimates of work accomplished which meets the standards of quality established under the contract, as approved by the Contracting Officer. The Contractor shall furnish a breakdown of the total contract price showing the amount included therein for each principal category of the work, which shall substantiate the payment amount requested in order to provide a basis for determining financing payments, in such detail as requested by the Contracting Officer. In the preparation of estimates the Contracting Officer may authorize material delivered on the site and preparatory work done to be taken into consideration. Material delivered to the Contractor at locations other than the site may also be taken into consideration if --
 - (1) Consideration is specifically authorized by this contract; and
 - (2) The Contractor furnishes satisfactory evidence that it has acquired title to such material and that the material will be used to perform this contract.
- (c) Along with each request for financing payments, the contractor shall furnish the following certification, or payment shall not be made:
I hereby certify, to the best of my knowledge and belief, that-
 - (1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;
 - (2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements and the requirements of chapter 39 of Title 31, United States Code; and
 - (3) This request for financing payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract.

(Name)

(Title)

(Date)

(d) If the Contractor, after making a certified request for financing payments, discovers that a portion or all of such request constitutes a payment for performance by the Contractor that fails to conform to the specifications, terms, and conditions of this contract (hereinafter referred to as the unearned amount), the Contractor shall-

(1) Notify the Contracting Officer of such performance deficiency;

(2) Be obligated to pay the FAA an amount (computed by the Contracting Officer in the manner provided in "Interest" clause) equal to interest on the unearned amount from the date of receipt of the unearned amount until-

(i) The date the Contractor notifies the Contracting Officer that the performance deficiency has been corrected; or

(ii) The date the Contractor reduces the amount of any subsequent certified request for financing payments by an amount equal to the unearned amount.

(e) If the Contracting Officer finds that satisfactory progress was achieved during any period for which a progress payment is to be made, the Contracting Officer shall authorize payment to be made in full. However, if satisfactory progress has not been made, the Contracting Officer may retain a maximum of 10 percent of the amount of the payment until satisfactory progress is achieved. When the work is substantially complete, the Contracting Officer may retain from previously withheld funds and future financing payments that amount the Contracting Officer considers adequate for protection of the FAA and shall release to the Contractor all the remaining withheld funds. Also, on completion and acceptance of each separate building, public work, or other division of the contract, for which the price is stated separately in the contract, payment shall be made for the completed work without retention of a percentage.

(f) All material and work covered by financing payments made shall, at the time of payment, become the sole property of the FAA, but this shall not be construed as--

(1) Relieving the Contractor from the sole responsibility for all material and work upon which payments have been made or the restoration of any damaged work; or

(2) Waiving the right of the FAA to require the fulfillment of all of the terms of the contract.

(g) In making these financing payments, the FAA shall, upon request, reimburse the Contractor for the amount of premiums paid for performance and payment bonds (including coinsurance and reinsurance agreements, when applicable) after the Contractor has furnished evidence of full payment to the surety. The retainage provisions in paragraph (e) above shall not apply to that portion of financing payments attributable to bond premiums.

(h) The FAA shall pay the amount due the Contractor under this contract after-

(1) Completion and acceptance of all work;

(2) Presentation of a properly executed voucher; and

(3) Presentation of release of all claims against the FAA arising by virtue of this contract, other than claims, in stated amounts, that the Contractor has specifically excepted from the operation of the release. A release may also be required of the assignee if the Contractor's claim to amounts payable under this contract has been assigned.

(i) Notwithstanding any provision of this contract, financing payments shall not exceed 80 percent on work accomplished on undefinitized contract actions. A contract action is any action resulting in a contract, including contract modifications for additional supplies or services, but not including contract modifications that are within the scope and under the terms of the contract, such as contract modifications issued pursuant to the "Changes" clause, or funding and other administrative changes.

3.4.1-7 Notice to Proceed (April 1996)

The contractor shall not initiate work under this contract until it has received a notice to proceed in writing from the Contracting Officer.

3.6.2-24 Affirmative Action Compliance Requirements for Construction (November 1997)

(a) Definitions.

(1) "Employer identification number," as used in this clause, means the Federal Social Security number used on the employer's quarterly federal tax return, U.S. Treasury Department Form 941.

(2) "Minority," as used in this clause, means

(i) Black (all persons having origins in any of the black African racial groups not of Hispanic origin);

(ii) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race);

(iii) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands); and

(iv) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).

(b) If the Contractor, or a subcontractor at any tier, subcontracts a portion of the work involving any construction trade, each such subcontract in excess of \$10,000 shall include this clause, including the goals for minority and female participation stated herein.

(c) The goals for minority and female participation, expressed in percentage terms for the Contractor's aggregate work force in each trade on all construction work in the covered area, are as follows:

Goals for minority participation: 10.2

Goals for female participation: 6.9

Compliance with the goals will be measured against the total work hours performed.

(d) The Contractor shall provide written notification to the Office of Federal Contract Compliance Programs (OFCCP) area office within 10 working days following award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this screening information request. The notification shall list the:

(1) Name, address, and telephone number of the subcontractor,

(2) Employer identification number of the subcontractor;

(3) Estimated dollar amount of the subcontract;

(4) Estimated starting and completion dates of the subcontract; and

(5) Geographical area in which the subcontract is to be performed.

(e) The Contractor shall implement the affirmative action procedures in subparagraphs (f)(1) through (7) of this clause. The goals stated in this contract are expressed as percentages of the total hours of employment and training of minority and female utilization that the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for the geographical area where that work is actually performed. The Contractor is expected to make substantially uniform progress toward its goals in each craft.

(f) The contractor shall take affirmative action steps at least as extensive as the following:

(1) Ensure a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities where the Contractor's employees are assigned to work. The Contractor, if possible, will assign two or more women to each construction project. The Contractor shall ensure that foremen, superintendents, and other on-site supervision, personnel are aware of and carry out the Contractor's

obligation to maintain such a working environment, with specific attention to minority or female individuals working at these sites or facilities.

(2) Immediately notify the OFCCP area office when the union or unions, with which the Contractor has a collective bargaining agreement, has not referred back to the Contractor a minority or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.

(3) Develop on-the-job training opportunities and/or participate in training programs for the area that expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor. The Contractor shall provide notice of these programs to the sources compiled under subparagraph (f)(2) above.

(4) Review, at least annually, the Contractor's equal employment policy and affirmative action obligations with all employees having responsibility for hiring, assignment, layoff, termination, or other employment decisions. Conduct reviews of this policy with all on-site supervision, personnel prior to initiation of construction work at a job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.

(5) Disseminate the Contractor's equal employment policy externally by including it in any advertising in the news media, specifically including minority and female news media. Provide written notification to, and discuss this policy with, other Contractors and subcontractors with which the Contractor does or anticipates doing business.

(6) Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel for promotional opportunities. Encourage these employees to seek or to prepare for, through appropriate training, etc., opportunities for promotion.

(7) Maintain a record of solicitations for subcontracts for minority and female construction contractors and suppliers, including circulation of solicitations to minority and -female contractor associations and other business associations.

(g) The Contractor is encouraged to participate in voluntary associations that may assist in fulfilling one or more of the affirmative action obligations contained in subparagraphs (f)(1) through (7). The efforts of a contractor association, joint contractor-union, contractor-community, or similar group of which the contractor is a member and participant, may be useful in achieving one or more of its obligations under subparagraphs (f)(1) through (7).

(h) A single goal for minorities and a separate single goal for women shall be established. The Contractor is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of Executive Order 11246, as amended, if a particular group is employed in a substantially disparate manner.

(i) The contractor shall not use goals or affirmative action standards to discriminate against any person because of race, color, religion, sex, or national origin.

(j) The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts under Executive Order 11246, as amended.

(k) The Contractor shall carry out such sanctions and penalties for violation of this clause and of the Nondiscrimination and Affirmative Action clause, including suspension, termination, and cancellation of existing subcontracts, as may be imposed or ordered under Executive Order 11246, as amended, and its implementing regulations, by the OFCCP. Any failure to carry out these sanctions and penalties as ordered shall be a violation of this clause and Executive Order 11246, as amended.

(l) Nothing contained herein shall be construed as a limitation upon the application of other laws that establish different standards of compliance.

3.9.1-2 Protest After Award (August 1997)

(a) Upon receipt of a notice that a protest has been filed with the FAA Office of Dispute Resolution, or a determination that a protest is likely, the Administrator or his designee may instruct the Contracting Officer) to direct the Contractor to stop performance of the work called for by this contract. The order to the Contractor shall be in writing, and shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Upon receipt of the final decision or other resolution of the protest, the Contracting Officer shall either--

- (1) Cancel the stop-work order; or
- (2) For other than cost-reimbursement contracts, terminate the work covered by the order as provided in the "Default" or the "Termination for Convenience of the Government" clause(s) of this contract; or
- (3) For cost-reimbursement contracts, terminate the work covered by the order as provided in the "Termination" clause of this contract.

(b) If a stop-work order issued under this clause is canceled either before or after the final resolution of the protest, the Contractor shall resume work. The Contracting Officer shall make for other than cost-reimbursement contracts, an equitable adjustment in the delivery schedule or contract price, or both; and for cost-reimbursement contracts, an equitable adjustment in the delivery schedule, the estimated cost, the fee, or a combination thereof, and in any other terms of the contract that may be affected; and the contract shall be modified, in writing, accordingly, if--

- (1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and
- (2) The Contractor asserts its right to an adjustment within 30 days after the end of the period of work stoppage; provided, that if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon a proposal submitted at any time before final payment under this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

(e) The Government's rights to terminate this contract at any time are not affected by action taken under this clause.

3.10.1-23 Contracting Officer's Representative--Construction Contracts (July 1996)

(a) The Contracting Officer may appoint other Government personnel to accomplish certain contract administration matters. While there shall be various titles and divisions of duties for these individuals, generically they are known as Contracting Officer's Technical Representatives (COTR's). The Contracting Officer will provide written notice of COTR appointment(s), setting forth the authorities and limitations, to the Contractor within five (5) calendar days prior to the notice to proceed. COTR duties may include, but are not limited to:

- (1) Perform as the authorized representative of the Contracting Officer for technical matters, including interpretation of specifications and drawings, and inspection and review of work performed.
- (2) Perform as the authorized representative of the Contracting Officer for administrative matters, including reviewing payments, and updated delivery schedules.

(b) These representatives are authorized to act for the Contracting Officer in all specifically delegated matters pertaining to the contract, except: (1) contract modifications that change the contract price or cost, technical requirements or time for performance, unless delegated field modification authority; (2) suspension or termination of the Contractor's right to proceed, either for default or for convenience; (3) final decisions on any matters subject to appeal, e.g., disputes under the "Contract Disputes" clause; and (4) final acceptance under the contract.

I.1 Payment Procedures (January 1997)

CLA.2916

- (a) The contractor shall submit original invoices, including applications for progress payments, directly to:
FAA, Mike Monroney Aeronautical Center
Financial Operations Division (AMZ-100)
P.O. Box 25710
Oklahoma City, OK 73125-4913
- (b) Payment for work performed or items furnished under this contract is subject to approval by the Contracting Officer. The contractor shall submit 2 copies of all invoices, including applications for progress payments, to:
FAA, Mike Monroney Aeronautical Center
NAS Automation & Facilities Contract Management Team (AMQ-240)
6500 South MacArthur Boulevard
P.O. Box 25082
Oklahoma City, OK 73125
- (c) Each invoice, including applications for progress payments, must reflect the contract number, delivery order number, and a description of the work, services, or items being invoiced.

I.2 Save Harmless and Indemnity Agreement (January 1997)

CLA.3211

The contractor shall save and keep harmless and indemnify the Government against any and all liability, claims, and costs of whatsoever kind and nature of injury to or death of any person or persons and for loss or damage to any property (Government or otherwise) occurring in connection with or in any way incident to or arising out of the occupancy, use, service, operations, or performance of work in connection with this contract, resulting in whole or in part from the negligent acts, fault or omissions of the contractor, any subcontractor, or any employee, agent, or representative of the contractor or any subcontractor.

I.3 Liability Insurance (January 1997)

CLA.3212

- (a) Pursuant to AMS 3.4.1-10, Insurance--Work on a Government Installation, the insurance required of the contract during contract performance is:
- (1) Workers' compensation and employer's liability as required by applicable Federal and Oklahoma State workers' compensation and occupational disease statutes. Employer's liability coverage shall be not less than \$100,000.
 - (2) General liability coverage written on the comprehensive form of policy providing limits of liability for bodily injury of not less than \$500,000 for each occurrence and property damage limits of liability of not less than \$100,000 for each accident.
 - (3) Automobile liability (applicable to vehicles used in connection with contract performance) written on the comprehensive form of policy providing coverage of at least \$200,000 per person and \$500,000 per occurrence for bodily injury and \$100,000 per occurrence for property damage.

- (b) The policy shall name "The United States of America, acting by and through the Federal Aviation Administration" as an additional insured with respect to operations performed under this contract.
- (c) The policy shall include the following provision: "It is a condition of this policy that the insurer shall furnish written notice to the Federal Aviation Administration (certificate holder) 30 days in advance of any reduction in or cancellation of this policy."
- (d) Certificate holder address:
FAA-Mike Monroney Aeronautical Center
NAS Automation & Facilities Contract Management
Team (AMQ-240)
P. O. Box 25082
Oklahoma City, OK 73125
- (e) At any time during contract performance and upon request of the Contracting Officer, the contractor shall provide a certified true copy of the liability policy and manually countersigned endorsements of any changes thereto.

I.4 Compliance with Copeland Act (Anti-Kickback Act) Requirements

The Contractor shall comply with the requirements of 29 CFR Part 3, which are hereby incorporated by reference in this contract.

I.5 Disputes Concerning Labor Standards

The United States Department of Labor has set forth in 29 CFR Parts 5, 6, and 7 procedures for resolving disputes concerning labor standards requirements. Such disputes shall be resolved in accordance with those procedures and not the Disputes clause of this contract. Disputes within the meaning of this clause include disputes between the Contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

I.6 Strikes or Picketing Affecting Timely Completion of the Contract Work

Notwithstanding any other provision hereof, the Contractor is responsible for delays arising out of labor disputes, including but not limited to strikes, if such strikes are reasonably avoidable. A delay caused by a strike or by picketing which constitutes an unfair labor practice is not excusable unless the Contractor takes all reasonable and appropriate action to end such a strike or picketing, such as the filing of a charge with the National Labor Relations Board, the use of other available Government procedures, and the use of private boards or organizations for the settlement of disputes.

I.7 Strikes or Picketing Affecting Access to a DOT Facility

If the Contracting Officer notifies the Contractor in writing that a strike or picketing: (a) is directed at the Contractor or subcontractor or any employee of either; and (b) impedes or threatens to impede access by any person to a DOT facility where the site of the work is located, the Contractor shall take all appropriate action to end such strike or picketing, including, if necessary, the filing of a charge of unfair labor practice with the National Labor Relations Board or the use of other available judicial or administrative remedies.

I.8 Accident and Fire Reporting

- (a) The Contractor shall report to the Contracting Officer any accident or fire occurring at the site of the work which causes:

- (1) A fatality or as much as one lost workday on the part of any employee of the Contractor or subcontractor at any tier;
- (2) Damage of \$1,000 or more to Federal property, either real or personal;
- (3) Damage of \$1,000 or more to Contractor or subcontractor owned or leased motor vehicles or mobile equipment; or
- (4) Damage for which a contract time extension may be requested.

(b) Accident and fire reports required by paragraph (a) above shall be accomplished by the following means:

- (1) Accidents or fires resulting in a death, hospitalization of five or more persons, or destruction of Federal property (either real or personal), the total value of which is estimated at \$100,000 or more, shall be reported immediately by telephone to the Contracting Officer or his/her authorized representative and shall be confirmed by telegram or facsimile transmission within 24 hours to the Contracting Officer. Such telegram or facsimile transmission shall state all known facts as to extent of injury and damage and as to cause of the accident or fire.
- (2) Other accident and fire reports required by paragraph (a) above may be reported by the Contractor using a state, private insurance carrier, or Contractor accident report form which provides for the statement of:
 - (i) The extent of injury; and
 - (ii) The damage and cause of the accident or fire.

Such report shall be mailed or otherwise delivered to the Contracting Officer within 48 hours of the occurrence of the accident or fire.

- (c) The Contractor shall assure compliance by subcontractors at all tiers with the requirements of this clause.

I.9 Contract Termination-Debarment

A breach of the contract clauses entitled Davis-Bacon Act, Contract Work Hours and Safety Standards Act--Overtime compensation, Apprentices and Trainees, Payrolls and Basic Records, Subcontracts (Labor Standards), or Certification of Eligibility may be grounds for termination of the contract, and for debarment as a Contractor and subcontractor as provided in 29 CFR 5.12.

I.10 Definitions

(a) "Head of the agency" (also called "agency head") or "Secretary" means the Secretary (or Attorney General, Administrator, Governor, Chairperson, or other chief official, as appropriate) of the agency, including any deputy or assistant chief official of the agency; and the term "authorized representative" means any person, persons, or board (other than the Contracting Officer) authorized to act for the head of the agency or Secretary.

(b) "Contracting Officer" means a person with the authority to enter into, administer, and/or terminate contracts and make related determinations and findings. The term includes certain authorized representatives of the Contracting Officer acting within the limits of their authority as delegated by the Contracting Officer.

I.11 Optional Items 2., 3., & 4.

The Government may add the work called for in the schedule, under optional item(s) 2., 3., and 4., at the unit price(s) specified. The Contracting Officer may exercise the option(s) at the time of contract award, or by written notice to the Contractor within 30 days after issuance of the notice to proceed. Delivery of the added item(s) shall be inclusive in the time specified under Clause 3.2.2.3-71, Commencement, Prosecution, and Completion of Work.

PART III - SECTION J
LIST OF ATTACHMENTS

<u>ATTACHMENT</u>	<u>TITLE</u>	<u>DATE</u>	<u>NO. OF PAGES</u>
1.	Project Manual, Divisions 1-16, titled, CAMI Building Renovation, <u>Note:</u> FAA Drawing No. AMP-400-E-1059, titled, Civil Aerospace Medical Institute, Modular Staging Facilities, Phase I, with various sub-titles, dated June 24, 2002, 55 pages, is considered an attachment to the above referenced project manual.	July 31, 2002	various pages
2.	Form DOT F4220.4, Contractor's Release	8/97	1 page
3.	Screening Standards-CONTRACTOR	7/01	1 page
4.	Adjudicative Standards: Issues	7/01	1 page
5.	Standard Form 25, Performance Bond	8/97	2 pages
6.	Standard Form 25A, Payment Bond	8/97	2 pages
7.	Wage Rate Decision, General Decision No. OK020034, Construction Type: Building	6/07/02	4 pages
8.	Federal Aviation Administration Business Declaration Form	Undated	1 page
9.	Addendum No. 1, titled, FAA - CAMI Renovation - Phase I, <u>plus the following drawing sheets:</u> SKG-01; SKC01 through SKC05; SCK06; SKC07 & SKC08; SKA-01 through SKA-18; SKA-22 through SKA-24; SKA-26; SKA-28 through SKA-33; SKS-01; SKE-01 through SKE-04; and, SKT-01 through SKT-12.	8-27-02 8-27-02	13 pages 54 pages
10.	Addendum No.2, titled, FAA - CAMI Renovation - Phase I, <u>plus the following drawing sheets:</u> SKG-01; SKC-01 & SKC-02; SKA-01 through SKA-03; SKA-05 & SKA-06; SKE-01 through SKE-06; and, SKT-01. SKA-04	9-4-02 9-4-02 8-27-02	4 pages 15 pages 1 page
11.	Amendment No.5, titled, FAA - CAMI Renovation - Phase I, <u>plus the following drawing sheets:</u> SKA-01, SKE-01, SKE-02, & SKT-01.	9-13-02 9-13-02	6 pages 4 pages

DEPARTMENT OF TRANSPORTATION
CONTRACTOR'S RELEASE

CONTRACT NO.

CONTRACTOR (Name and Address)

SUM OF

DOLLARS

In consideration of the sum stated above, which has been paid or is to be paid to the Contractor, or his assignee, the Contractor, upon payment of the said by the UNITED STATES OF AMERICA (hereinafter called the Government), does remise, release, and discharge the Government, its officers, agents, and employees, of and from all liabilities, obligations, claims, and demands whatsoever under or arising from the said contract, except:

1. Specified claims in stated amounts or in estimated amounts where the amounts are not susceptible of exact statement by the Contractor, as follows:
2. Claims, together with reasonable expenses incidental thereto, based upon the liabilities of the Contractor to third parties arising out of the performance of this contract, which are not known to the Contractor on the date of the execution of this release and of which the Contractor gives notice in writing to the Contracting Officer within the period specified in the said contract, and
3. Claims for reimbursement of costs (other than expenses of the Contractor by reason of his indemnification of the Government against patent liability), including reasonable expenses incidental thereto, incurred by the Contractor under any provisions of the said contract relating to parties.

The Contractor agrees, in connection with patent matters and with claims which are not released as set forth above, that he will comply with all provisions of the said contract, including without limitations those provisions relating to notification to the Contracting Officer and relating to the defense or prosecution of litigation.

IN WITNESS WHEREOF, this release has been executed this ____ day of ____, 19__.

WITNESS _____

BY _____

TITLE _____

NOTE: In the case of a corporation, witnesses are not required but the certification below must be completed.

CERTIFICATE

I, _____, certify that I am the
_____ secretary of the corporation named as Contractor in the foregoing release;
that _____ who signed said release on behalf of the Contractor was then
_____ of said corporation; that said release was duly signed for
and in behalf of said corporation by authority of its governing body and is within the scope of its corporate powers.

(CORPORATE SEAL) _____

ATTACHMENT 2

PAGE NO. 1 OF 1

Screening Standards-Contractor (July 2001)

1. Record of conviction for illegal use or possession of intoxicants;
2. Record of conviction for illegal use, possession, or sale of controlled substances or marijuana;
3. Record of conviction of criminal behavior relating to immoral conduct, such as child molestation, rape, sexual assault, incest, bestiality, indecent exposure, lewd acts, etc.;
4. Record of conviction of criminal behavior relating to dishonesty, such as theft, larceny, burglary, robbery, forgery, extortion, counterfeiting, blackmail, fraud, conversion, sale, or possession of stolen property, embezzlement, etc.;
5. Record of conviction for criminally disruptive or violent behavior, such as assault, battery, kidnapping, abduction, murder, rape, arson, vandalism, voluntary manslaughter, child abuse, etc.;
6. Record of conviction for illegal use, possession, manufacture, or sale of firearms or explosives.
7. Violation of Hatch Act restrictions (5 U.S.C. Chapter 73), mutilation/destruction of public records, striking against the Government, desertion from the military, disregard for debts, engaging in riots or civil disorders, or a pattern of unemployability based upon misconduct or delinquency as reflected in employment history.

*Adjudicative Standards: Issues (July 2001)

Major issues or conduct which standing alone would be disqualifying under suitability, for any position is a conviction record within the past 9 years, particularly for issues 1, 2, 4, 5, 6, or 8. In addition, a pattern is defined as two or more convictions or a combination of two or more issues of any or all of the items listed below.

1. Issues related to use or possession of intoxicants:

Pattern of excessive use as reflected in (1) conviction record; (2) job performance; (3) employment history; (4) inability to function responsibly; (5) medical treatment; and (6) health.

2. Issues related to illegal use/possession of controlled substances or marijuana:

Pattern of excessive use as reflected in (1) conviction record; (2) job performance; (3) employment history; (4) inability to function responsibly; (5) medical treatment; (6) health; (7) manufacturing; (8) addiction; (9) importing/trafficking; and (10) cultivating for sale.

3. Issues related to financial responsibility:

Pattern of irresponsibility as reflected in (1) credit history; (2) disregard for debts; (3) abuse of fiduciary trust; and (4) continuing, major, valid liabilities.

4. Issues related to immoral conduct:

Pattern of misconduct as reflected in (1) conviction record; (2) medical treatment; (3) public knowledge; (4) child molestation; (5) sexual assault statutory rape; (6) incest; and (7) bestiality.

5. Issues related to honesty:

Pattern of dishonesty as reflected in (1) disregard for truth; (2) conviction records; (3) abuse of trust; (4) employment records; (5) blackmail; (6) counterfeiting; (7) extortion; (8) armed robbery; and (9) intentional false statement or deception or fraud in examination or appointment.

6. Issues related to disruptive or violent behavior:

Pattern of violence as reflected in (1) conviction record; (2) disregard for life or property; (3) civil actions; (4) employment record; (5) medical record; (6) aggravated assault; (7) assault with a deadly weapon; (8) assault with intent to commit rape; (9) kidnapping/abduction; (10) murder; (11) rape; (12) arson; (13) threat or assault upon a public official; (14) voluntary manslaughter; and (15) child abuse.

7. Issues related to termination or forced resignation:

Pattern of unemployability based on misconduct or delinquency as reflected in employment history.

8. Issues related to firearms/weapons:

Improper/illegal sale or transportation of firearm or explosive; manufacture of firearms or explosives.

9. Miscellaneous issues:

(1) Hatch Act violation; (2) mutilation/destruction of public records; (3) engaging in riots or civil disorders; (4) striking against Government; and (5) desertion.

8. CORPORATE SURETY(IES) (Continued)

S u r e t y B	a. Name & Address		b. State of Inc.	c. Liability Limit	Corporate Seal
	d. Signatures	(1)	(2)		
	e. Name(s) & Title(s)(Typed)	(1)	(2)		
S u r e t y C	a. Name & Address		b. State of Inc.	c. Liability Limit	Corporate Seal
	d. Signatures	(1)	(2)		
	e. Name(s) & Title(s)(Typed)	(1)	(2)		
S u r e t y D	a. Name & Address		b. State of Inc.	c. Liability Limit	Corporate Seal
	d. Signatures	(1)	(2)		
	e. Name(s) & Title(s)(Typed)	(1)	(2)		
S u r e t y E	a. Name & Address		b. State of Inc.	c. Liability Limit	Corporate Seal
	d. Signatures	(1)	(2)		
	e. Name(s) & Title(s)(Typed)	(1)	(2)		
S u r e t y F	a. Name & Address		b. State of Inc.	c. Liability Limit	Corporate Seal
	d. Signatures	(1)	(2)		
	e. Name(s) & Title(s)(Typed)	(1)	(2)		
S u r e t y G	a. Name & Address		b. State of Inc.	c. Liability Limit	Corporate Seal
	d. Signatures	(1)	(2)		
	e. Name(s) & Title(s)(Typed)	(1)	(2)		

Bond	Rate per Thousand	Total
Premium >	\$	\$

Instructions

1. This form is authorized for use when a bid guaranty is required.
2. Insert the full legal name and business address of the Principal in the space designated "Principal" on the face of the form. An authorized person shall sign the bond. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.
3. The bond may express penal sum as a percentage of the bid price, in these cases, the bond may state a maximum dollar limitation (e.g., 20% of the bid price but the amount not to exceed _____ dollars).
4. (a) Corporations executing the bond as sureties must appear on the Department of the Treasury's list of approved sureties and must act within the limitation listed therein. Where more than one corporate surety is involved, their names and addresses shall appear in the space (Surety A, Surety B, etc.) headed "CORPORATE SURETY(IES)". In the space designated "SURETY(IES)" on the face of the form, insert only the letter identification of the sureties.
 (b) Where individual sureties are involved, a completed Affidavit of Individual Surety (Standard Form 28), for each individual surety, shall accompany the bond. The Government may require the surety to furnish additional substantiating information concerning its financial capability.
5. Corporations executing the bond shall affix their corporate seals, individuals shall execute the bond opposite the word "Corporate Seal;" and shall affix an adhesive seal if executed in Maine, New Hampshire, or any other jurisdiction requiring adhesive seals.
6. Type the name and title of each person signing this bond in the space provided.
7. In its application to negotiated contracts, the terms "bid" and "bidder" shall include "proposal" and "offeror."

ATTACHMENT 5

PAGE NO. 2 OF 2

PAYMENT BOND <i>(See Instructions on Reverse)</i>	1. DATE BOND EXECUTED <i>(MUST NOT BE LATER THAN DATE OF CONTRACT.)</i>
2. PRINCIPAL <i>(LEGAL NAME AND BUSINESS ADDRESS)</i>	3. TYPE OF ORGANIZATION ("X" ONE) <input type="checkbox"/> Individual <input type="checkbox"/> Partnership <input type="checkbox"/> Joint Venture <input type="checkbox"/> Corporation
5. SURETY(IES) <i>(NAME AND BUSINESS ADDRESS)</i>	4. STATE OF INCORPORATION

a. Penal Sum of Bond				b. Bid Identification		
Percent of Bid Price	Amount not to exceed				Bid Date	Invitation No.
	Million(s)	Thousand(s)	Hundred(s)	Cents	For (Construction, Supplies or Services)	

OBLIGATION:

We, the Principal and Surety(ies) are firmly bound to the United States of America (hereinafter called the Government) in the above penal sum. For payment of the penal sum, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally. However, where the Sureties are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action or actions against any or all of us. For all other purposes, each Surety binds itself, jointly and severally with the Principal, for the payment of the sum shown opposite the name of the Surety. If no limit is indicated, the limit of liability is the full amount of the penal sum.

CONDITIONS:

The above obligation is void if the Principal promptly makes payment to all persons having a direct relationship with the Principal or a subcontractor of the principal for furnishing labor, material or both in the prosecution of the work provided for in the contract identified above, and any authorized modifications of the contract that subsequently are made. Notice of those modifications to the Surety(ies) are waived.

WITNESS:

The Principal and surety(ies) executed this bid bond and affixes their seals on the above date.

6. PRINCIPAL				
a. Signature(s)	(1)	(seal)	(2)	(seal)
b. Name(s) & Titles <i>(Typed)</i>	(1)		(2)	(3)
				Corporate Seal

7. INDIVIDUAL SURETY(IES)		
a. Signature(s)	(1)	(2)
b. Name(s) <i>(Typed)</i>	(1)	(2)
		(Seal)

8. CORPORATE SURETY(IES)					
S u r e t y A	a. Name & Address		b. State of Inc.	a. Liability Limit	Corporate Seal
	d. Signatures	(1)	(2)		
	e. Name(s) & Title(s) <i>(Typed)</i>	(1)	(2)		

8. CORPORATE SURETY(IES) (Continued)

S u r e t y B	a. Name & Address		b. State of Inc.	a. Liability Limit	Corporate Seal
	d. Signatures	(1)	(2)		
	e. Name(s) & Title(s) (Typed)	(1)	(2)		
S u r e t y C	a. Name & Address		b. State of Inc.	a. Liability Limit	Corporate Seal
	d. Signatures	(1)	(2)		
	e. Name(s) & Title(s) (Typed)	(1)	(2)		
S u r e t y D	a. Name & Address		b. State of Inc.	a. Liability Limit	Corporate Seal
	d. Signatures	(1)	(2)		
	e. Name(s) & Title(s) (Typed)	(1)	(2)		
S u r e t y E	a. Name & Address		b. State of Inc.	a. Liability Limit	Corporate Seal
	d. Signatures	(1)	(2)		
	e. Name(s) & Title(s) (Typed)	(1)	(2)		
S u r e t y F	a. Name & Address		b. State of Inc.	a. Liability Limit	Corporate Seal
	d. Signatures	(1)	(2)		
	e. Name(s) & Title(s) (Typed)	(1)	(2)		
S u r e t y G	a. Name & Address		b. State of Inc.	a. Liability Limit	Corporate Seal
	d. Signatures	(1)	(2)		
	e. Name(s) & Title(s) (Typed)	(1)	(2)		

Instructions

1. This form, for the protection of persons supplying labor and material is used when a payment bond is required under the Act of August 24, 1935, 49 Stat. 793 (40 USC 270a-270e).
2. Insert the full legal name and business address of the Principal in the space designated "Principal" on the face of the form. An authorized person shall sign the bond. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.
3. (a) Corporations executing the bond as sureties must appear on the Department of the Treasury's list of approved sureties and must act within the limitation listed therein. Where more than one corporate surety is involved, their names and addresses shall appear in the space (Surety A, Surety B, etc.) headed "CORPORATE SURETY(IES)." In the space designated "SURETY(IES)" on the face of the form, insert only the letter identification of the sureties.
(b) Where individual sureties are involved, a completed Affidavit of Individual Surety (Standard Form 28), for each individual surety, shall accompany the bond. The Government may require the surety to furnish additional substantiating information concerning its financial capability.
4. Corporations executing the bond shall affix their corporate seals. Individuals shall execute the bond opposite the word "Corporate Seal;" and shall affix an adhesive seal if executed in Maine, New Hampshire, or any other jurisdiction requiring adhesive seals.
5. Type the name and title of each person signing this bond in the space provided.

ATTACHMENT 6

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WAIS Document Retrieval

GENERAL DECISION OK020034 06/07/02 OK34
General Decision Number OK020034

Superseded General Decision No. OK010034

State: Oklahoma

Construction Type:
BUILDING

County(ies):
OKLAHOMA

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BUILDING CONSTRUCTION PROJECTS, Excluding incidental utility work, (does not include residential construction consisting of single family homes and apartments up to and including 4 stories sewage and water treatment plants or the construction, alteration and repair of any facility engaged in manufacturing)

Modification Number	Publication Date
0	03/01/2002
1	03/29/2002
2	04/05/2002
3	06/07/2002

COUNTY(ies):
OKLAHOMA

ASBE0094E 07/16/1999

	Rates	Fringes
ASBESTOS/INSULATOR WORKERS	19.77	6.49

SCOPE OF WORK:

Includes application of all insulation materials, protective coverings and finishings to all types of mechanical systems.

* BROK0005A 06/01/2002

	Rates	Fringes
BRICKLAYERS	20.91	6.05

ELEC1141H 05/30/2001

	Rates	Fringes
ELECTRICIANS	20.89	14.25%+2.50

ELEV0063A 04/01/2002

	Rates	Fringes
ELEVATOR CONSTRUCTORS: Mechanic	22.365	7.455+a

FOOTNOTE:

a. Paid Holidays: New Year's Day; Memorial Day; July 4th; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day., Vacation Pay Credit: Employer contributes 8% of the basic hourly rate for employees with 5 years or more of service or 6% of the basic hourly rate for employees with 6 months to 5 years of service.

WAIS Document Retrieval

ENGI0627W 06/01/1999

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
Bobcat	17.70	5.90
Cherry Picker	18.20	5.90
Cement Mixers:		
18 Cu. Ft. and Over	17.70	5.90
Less than 18 Cu. Ft.	14.95	5.90
All Crane Type Equipment with at least 300 ft. of boom and over (including jib)	19.95	5.90
All Crane Type Equipment with at least 200 ft. of boom and less than 300 ft. of boom (including jib)	19.20	5.90
All Crane Type Equipment with at least 100 ft. and less than 200 ft. of boom (including jib); All Tower Cranes; Crane Equipment (as rated by mfg.) 3 cu. yd. and over); Guy derrick; Whirley	18.70	5.90
Cranes with less than 100 ft. of boom with jib and Cranes (as rated by mfg.) less than 3 cu.; Overhead Monorail type crane	18.20	5.90
Oiler	14.45	5.90

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* IRQN0048D 06/01/2002

	Rates	Fringes
IRONWORKERS, Reinforcing	18.90	8.12

PAIN0807F 06/15/1999

	Rates	Fringes
PAINTERS:		
Paperhanger	15.15	3.00
Roller	14.15	3.00
Spray	14.65	3.00

PLAS0809E 06/01/2001

	Rates	Fringes
CEMENT MASONS	16.31	1.55

PLUM0344G 07/01/2001

	Rates	Fringes
PLUMBERS & PIPEFITTERS (Including HVAC Work)	21.20	7.10

ROOF0143A 06/01/2001

	Rates	Fringes
ROOFERS	15.75	3.75

SHEE0124G 07/01/2001

	Rates	Fringes
SHEET METAL WORKERS (Including HVAC Work)	21.62	6.04

SUOK1009A 09/07/1995

	Rates	Fringes
CARPENTERS (Excluding Drywall hanging & Acoustical Installation)	11.90	
DRYWALL FINISHER	12.83	2.53
DRYWALL HANGING (Including Acoustical Installation & Metal Stud/Lath in Connection with Drywall Hanging)	11.29	.10
GLAZIER	12.17	
INSULATOR, batt	12.85	3.30
IRONWORKERS - STRUCTURAL (Excluding Metal Building Erection)	12.03	
LABORERS:		
Common	7.37	
Brick Tender	8.69	
Plaster Tender	9.30	1.31
LATHERS	15.06	2.15
METAL BUILDING ERECTOR	9.12	
PAINTER:		
Brush	12.50	2.53
PLASTERERS	15.69	
POWER EQUIPMENT OPERATORS:		
Asphalt Laydown Machine	9.00	
Backhoes	14.06	3.49
Bulldozers	14.40	2.58
Forklifts	12.15	3.53
Graders	12.60	2.57
Hole Diggers	14.40	2.00
Loaders	11.36	2.40
Rollers	11.72	2.05
SOFT FLOOR LAYER	15.10	1.52
SPRINKLER FITTERS	15.87	5.58
TILE SETTER	14.61	

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively

ATTACHMENT 7
PAGE NO. 3 OF 4

bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

ATTACHMENT 7
PAGE NO. 4 OF 4

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION

This ADDENDUM shall modify and take precedence over the original Drawings and Specifications and is hereby made a part of the Contract Documents for the above referenced Project.

Please note that there are drawings attached to this Addendum. Numbers SKA 19, 20, 21, 25 and 27 were not used and are NOT missing from this Addendum.

SPECIFICATIONS:

Item 1-1 Reference Section 01100 - Summary, Part 1 – General, 1.2.C. Delete the first sentence and replace it with the following sentences. The rest of the description of the work is to remain as indicated in the specification:

The Work consists of the construction, transport shipping and erection of twenty-seven (27) pre-manufactured modular mobile units to comprise three separate modular buildings consisting of nine (9) units each. These three structures are noted as Modular Buildings #1, #2, and #3.

Item 1-2 Reference Section 01100 – Make the following changes:

- a. Summary, Part 1 – General, 1.4.A.1. Insert *180 Calendar Day* in the notation "Insert number of days."
- b. Summary, Part 1 – General, 1.6. Delete this paragraph in its entirety, and renumber the following paragraphs.

Item 1-3 Reference Section 01210 - Allowances, Part 1 – General, 1.2.B. Make the following change:

Delete items 2. Contingency allowance, and Item 3. Testing and inspecting allowance.

Item 1-4 Reference Section 01210 - Allowances, Part 3 – Execution, 3.3 Schedule of Allowances. Add the following information:

*Add the sum of \$12,000 to Item A – Gas Line.
Add the sum of \$12,600 to Item B – Furniture Panels.
Delete the phrase "as shown on Construction Documents" at item B only.*

Item 1-5 Reference Section 01230 - Options, Part 3 – Execution, 3.1 – Schedule of Options. Delete the Schedule shown in the specification and replace with the following:

- A. *Option No. 1 – Not Used.*
- B. *Option No. 2 – Provide parabolic light fixtures equal to Lithonia #2PM3N-G-B-3-3-32-18LD-120 with electronic ballast in lieu of prismatic fixtures for Type A light fixtures.*
- C. *Option No. 3 – Extend the cabling and duct bank from new manhole located outside CAMI to the new manhole located outside the existing Aviation Records Building. Include terminations of all cables in communications room in each building as indicated in the drawings.*
- D. *Option No. 4 – Provide the specified Carpet Tile in lieu of the standard Modular Building Manufacturer's roll goods.*
- E. *Option No. 5 – Not Used.*

F. *Option No. 6 – Not Used.*

- Item 1-6** Reference Section 02584 Section 3.3.F. Replace sentence "Building Entrances: Make a transition from underground duct to conduit at least 10 feet outside the building wall." With "*Building Entrances: Make a transition from underground duct to conduit at least 4 feet outside the building wall.*"
- Item 1-7** Reference Section 06100 - Rough Carpentry, Part 2 Products, Paragraph 2.13.C. Stainless Steel Sheets. Delete existing sentence, and replace with the followings:

ASTM A 666, Type 304.
- Item 1-8** Reference Section 09511 - Acoustical Ceiling Panels, Part 3 – Execution, 3.1.C. Delete subparagraphs 3.1.C.1 & 2.
- Item 1-9** Reference Section 13127 - Portable and Mobile Buildings. Make the following changes:
- A. Part 1 – General. Make the following changes:
1. Reference Paragraph 1.4 System Performance Requirements, Item C.4 – add "*and as indicated in the drawings.*" to the end of the sentence.
 2. Reference Paragraph 1.4 System Performance Requirements, Item E.7– Deflection Limits: Engineer assemblies to withstand design loads with deflection no greater than the following: Delete items a to h and replace with the following:
 - a. *"Purlins and Rafters: Vertical deflection of L/240 of the span.*
 - b. *Girts: Horizontal deflection of L/240 of the span.*
 - c. *Roof Panels: Vertical deflection of L/240 of the span.*
 - d. *Wall Panels: Horizontal deflection of L/240 of the span."*
 3. Reference Paragraph 1.5 Submittals, Item B.7, delete a. Ventilators, and re-letter b, c & d to a, b & c. Also, Delete 1.5.D.1 Roof Panels in its entirety.
 4. Reference Paragraph 1.6 Quality Assurance, Item L. Delete item L completely and re-letter item M to now be L.
 5. Reference Paragraph 1.8 Project Conditions, Item B.1. Delete item 1 completely and re-letter item 2 to now be 1.
- B. Part 2 – Products: Make the following changes:
1. Reference Paragraph 2.4 Insulation Materials, Item B. Delete ... "thickness as indicated"...., and replace with the following: "*minimum R-Value, R-30 Roof, R-19 Walls and R-19 in the floors*".....
 2. Reference Paragraph 2.4 Insulation Materials. Add the following: G. *Provide a code required rodent protection to the underside of each modular unit.*

3. Reference Paragraph 2.5 Door and Frame Materials, item B. Aluminum Storefront Entrance System to have Wide Style doors.
4. Reference Paragraph 2.5 Door and Frame Materials. Add the following item: C. *Solid-core doors with wood veneer. Per AWI's Architectural Woodwork Quality Standard Illustrated.*
5. Reference Paragraph 2.12 Doors and Frames, item B.1.b. Delete this sentence from completely from the specifications.
6. Reference Paragraph 2.12 Doors and Frames, Paragraph B. Insert the following: "3. *Wood Doors: Comprised of glued-block or structural composite lumber cores with Red Oak, Plain Slice, wood veneer. Provide manufacturer's standard mineral-core construction as needed to provide fire rating indicated! Then renumber the following remaining items.*"
7. Reference Paragraph 2.12 Doors and Frames, Paragraph B. Revise renumber item 4. Hardware as follows:
 4. Hardware: Comply with ANSI/DHI A115 Series by Best Hardware and the following:
 - a. Locate hardware according to DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames" and ADA Guidelines.
 - b. Provide hardware for each door leaf, as follows:
 - 1) Hinges: One-and-one-half-pair, full-mortise, steel template ball-bearing hinges, 4-1/2 by 4-1/2 inches (114 by 114 mm), with nonremovable pin.
 - 2) Lockset: Mortise Type.
 - 3) Panic Device: Touch-bar or push-bar type.
 - 4) Threshold: Extruded aluminum with vinyl sweep.
 - 5) Silencers: Pneumatic rubber; three silencers on strike jambs of single door frames and two silencers on heads of double door frames.
 - 6) Closer: Surface-applied, standard-duty hydraulic type.
 - 7) Weather Stripping: Vinyl applied to head, jambs, and sill.
 - 8) Hardware Finish: 626
 - c. Provide each pair of double doors with the following hardware in addition to that specified for each leaf:
 - 1) Astragal: Removable type.
 - 2) Surface Bolts: Top and bottom of inactive door.
 - d. *Acceptable Manufacturers:*
 - 1) *Hinges: Mckinney, Hager, and Stanley.*
 - 2) *Lock Sets and Cylinder Locks: Best, no substitutions.*
 - 3) *Exit Devices: Von Duprin: No substitutions.*
 - 4) *Push/Pulls: Baldwin, Rockwood.*
 - 5) *Closers: Corbin Ruswin, LCN, Norton.*
 - 6) *Stop/holders: Baldwin, Glynn Johnson, Rockwood*

7) *Kickplates: Baldwin, Rockwood*

- e. The Modular Building Manufacturer shall provide a hardware schedule of each door as shown in the plans and requirements of these specifications for review and acceptance with the submittal of the plans for the modular buildings themselves.
8. Reference Paragraph 2.12 Doors and Frames, Paragraph B. Add the following to renumbered item 7: *d. Wood doors shall have finish per manufacturer's standard finishes.*
 9. Reference Paragraph 2.14 Accessories. Delete items 2.14.F, Roof Ventilators, and 2.14.G, Louvers completely. Re-letter the following three items.
- C. Part 4 – Mechanical: Make the following changes:
1. Reference Paragraph 4.1.E.4.a. Delete existing sentence and replace with *."Thermostat: Low voltage programmable thermostat with manual override, night set back, and with sub-base to control compressor and evaporator fan."*
 2. Reference items 4.2.C, 4.2.D and 4.2.E. Replace the term "by others" to *"General Contractor."*
 3. Reference Paragraph 4.2.D. Add the following Item: *"2. Cleanouts: Provide cleanouts as required by Code. Install a building cleanout where the building sanitary line connects to the underground sanitary."*
- D. Part 5 – Electrical: Make the following changes:
1. Reference Page 35, add the following title to the spreadsheet on this page: *"TABLE 13127 – EQUIPMENT RESPONSIBILITY SPREADSHEET."*
 2. Reference Page 36. Make the following changes:
 - a. Add the following item to the table:

"BRANCH CIRCUITS BETWEEN MECHANICAL AND ELECTRICAL PANELBOARDS EQUIPMENT (INCLUDING FURNACE UNITS, COMPRESSOR-CONDENSER UNITS, ETC.) SHALL BE FURNISHE, MOUNTED AND INSTALLED BY THE EC.
 - b. Delete "OFFICE PARTITIONS" from the table. Office partitions are non-powered.
 - b. Revise the division responsibility for "TELEPOWER POLES AND ASSOCIATED RECEPTACLES" as follows: *"SERVICE POWER POLES (BOTH POWER AND COMMUNICATIONS POLES) and associated receptacles" shall be furnished mounted and wired by the EC.*

- Item 1-10** Reference Section 15734 – Computer-Room Air Conditioning Units, Paragraph 2.2.C., add the following to the end of the paragraph: *“The units shall have a minimum SEER of 10.*
- Item 1-11** Reference section 16140 Section 2.8.A: Add the following paragraph:
“6. Match style and gray color with telephone communication power pole specified in Section 16750.”
- Item 1-12** Reference Section 16727, Paragraph 2.1.B.1. Replace this paragraph with the following: *“ACCESS SPECIALTIES, INC. MANUFACTURER OF ACCESS GOLD SECURITY SYSTEMS”* Note: *it is not intended to limit the supplier to Eales Electronics, Inc., so this phrase is deleted from the specifications*
- Item 1-13** Reference section 16750 Section 2.2 Insert additional subsection F as follows:
“F. Telephone Communication Power Pole

2. Provide communication power poles for voice/data outlets with the following components.

a. Power Pole:
1) Anixter product number 191330

b. Voice/data components are listed below.”
- Item 1-14** Reference section 16750 Section 3.1 subsection I, insert following sentences:

“No more than four voice/data outlets per communication power pole. Install appropriate number of poles to feed furniture indicated on drawings.” After sentence *“Wiring Method: Install wiring and optical fiber in raceway, J-hooks and cable tray except within consoles, cabinets, desks, and counters. Install wire in communication power pole where indicated on drawing.”*
- Item 1-15** Reference section 16750 Section 3.1, insert new subsection R as follows:

“R. Install communication power poles per manufactures recommendations and supply all communication power pole components.”
- Item 1-16** Reference section 16721 Section 2.5, insert additional subsection D as follows:

“D. Fiber Optic connectors, couplers and patch cords ends shall utilize SC type fittings.”

DRAWINGS: Change and/or add information as indicated in the following referenced drawings.

GENERAL:

- Item 1-17** Reference Sheet G003, Location Map. Revise staging area per attached Addendum sheet SKG01.

CIVIL:

- Item 1-18** Reference Sheet C001. Required Landscaping for Commercial Use in an I-2 Zoning District Chart. Add the following information:
- "5. Based on the above calculations the landscaping requirements have been met with the existing landscaping on site pending approval of the use of the additional nine trees for the shrub requirements. As noted in item 4 above, there is no suitable area available for shrubs. The FAA Campus is highly landscaped and well maintained which benefits this project."*
- Item 1-19** Reference Sheet C105. Make the following changes:
- a. Revise detail reference and crosswalk marking per the attached Addendum sheet SKC01.
 - c. Add dimensions to the new south sidewalk and condenser pads per Addendum sheets SKC02, and SKC03
- Item 1-20** Reference Sheet C107, Utility Plan. Make the following changes:
- a. Change reference in note "SEE DWG E101 FOR CONTINUATION" at north end of Building No. 1 to read "SEE DWG E100 FOR CONTINUATION."
 - b. Add Quick Couple Valves to the projects as shown in attached Addendum sheet SKC08.
 - c. Change reference to drawing E100 instead of E101 on note pointing to the electrical conduits entering the north side of Modular Building 2.
 - d. Add the Add following sentence to the note that says, "DOWN TO 1500 KVA XFMR SECONDARY LUGS":

"CORE DRILL THROUGH CONCRETE XFMR VAULT WALL, AND CUT THROUGH AND PATCH/PAINT FLOOR GRATING."
 - c. Revise enclosure type of enclosed circuit breaker on south side of CAMI building to NEMA 4.
- Item 1-21** Reference Sheet C202, Communication Duct Bank Plan, Sheet 2. Relocate Communication Manhole as shown on the attached Addendum Sheet SKC04 and SKC05.
- Item 1-22** Reference Sheet C204, Communication Duct Bank Plan, Sheet 4. Revise plan per attached Addendum Sheet SKC07.
- Item 1-23** Reference Sheet C501. Make the following changes:
- a. Delete detail 2 and replace with detail indicated on attached Addendum Sheet SKC06.
 - b. Correct Sidewalk Detail 7 as indicated on attached Addendum Sheet SKC06.
 - c. Add Quick Coupler Valve Detail 9 to this sheet as shown on attached Addendum Sheet SKC06.

ARCHITECTURE and INTERIORS:

- Item 1-24** Reference Sheet A101 Floor Plans. Make the following changes:
- a. Add Abbreviations List and Symbols Legend per attached Addendum Sheet SKA-01.
 - b. Refer General Notes. Delete note 3 in its entirety and replace with the following:

"3. Reference Specifications section 01500.3.2.E for temporary facilities including sanitary facilities."
 - c. Refer to the Floor Plans. Make the following changes:
 1. Refer to the reference bubble at Deck #1. *Revise lower right hand designation to A405.*
 2. Refer to the reference bubble at Deck #3. *Revise top number to 4, and lower right hand designation to A405.*
 3. Refer to the reference bubble at Deck #4. *Revise lower right hand designation to A405.*
 4. Refer to the reference bubble at Deck #6. *Delete the designation "SIM" and change it to "OPPOSITE HAND."*
 - d. Refer to the Code Summary. Delete the item "FIRE AREA LIMITS (904.3)" in its entirety.
- Item 1-25** Reference Sheet A102 Canopy/Roof Plan. Make the following changes:
- a. Refer to 2/A102 Canopy / Roof Plan. Delete this plan and change per attached Addendum drawing SKA-02.
 - b. Refer to 1/A102 Modular #1, #2, and #3 Roof Plan. Add canopy dimensions as indicated on the attached Addendum Drawings SKA-03 and SKA-04.
- Item 1-26** Reference Sheet A201, Building Elevations. Add additional information indicated on attached Addendum Drawings SKA-05 SKA-06 and SKA-07.
- Item 1-27** Reference Sheet A401, Enlarged Floor Plan – Building Number 1. Make the following changes:
- a. Add Abbreviation List and Symbols Legend as indicated on the attached Addendum Drawing SKA-01.
 - b. Delete the two folding partitions shown between classrooms 112, 124 and 125. Delete Classroom 125. Provide new arrangement of walls as indicated on attached Addendum Drawing SKA-08.
 - c. Add the following to NOTES. *"2. Refer to Sheet A503 for Partition Types."*
 - d. Add the following note next to Deck No. 5. *"Refer to Sheet A405 for dimension of this deck."*
 - e. Change all fire extinguisher bracket noted from FE to FEB.
 - f. Refer to all wall type designations. Delete all type 3 and 3A and change them to type 2A.
 - g. Refer General Storage 119. Add millwork elevation indicated on the attached Addendum Drawings SKA-28.
 - h. Add an FEB next to door 110B.

- Item 1-28** Reference Sheet A402, Enlarged Floor Plan – Building Number 2. Make the following changes:
- Add Abbreviations and Symbols Legend as indicated on the attached Addendum Drawing SKA-01.
 - Add the following to NOTES. "2. Refer to Sheet A503 for Partition Types.
 - Revise the wall partitions at Storage Room 222 as indicated in attached Addendum Drawing SKA-09.
 - Change all fire extinguisher bracket noted from FE to FEB.
 - Refer to all wall type designations. Delete all type 3 and 3A and change them to type 2A.
 - Refer to Room 215 MTPB LAB. Revise per attached Addendum Drawing SKA-26.
 - Refer to revised Room 215 MTPB LAB (SKA-26), and Room 214 PREP. Add millwork elevations and detail as indicated in attached Addendum Drawing SKA-29.
- Item 1-29** Reference Sheet A403, Enlarged Floor Plan – Building Number 3. Make the following changes:
- Add Abbreviation List and Symbols Legend as indicated on the attached Addendum Drawing SKA-01.
 - Add the following to this sheet: "NOTES, 1. Refer to Sheet A503 for Partition Types."
 - Refer to Room 312. Delete the name "SECTOR SUITES" and rename "ATC Simulators."
 - Change all fire extinguisher brackets from FE to FEB.
 - Add an FEB to the south of the side light of entry door 309A.
 - Refer to all the wall type designations. Delete all the 3 and 3A wall types and change them to Type 2A.
 - Refer to Deck No. 6. Add the following note "Refer to attached Addendum Sheet SKA-26 for dimensioning of this deck."
- Item 1-30** Reference Sheet A404, Deck Plans. Make the following changes:
- Add the note "LINE OF CANOPY ABOVE" as indicated in the attached Addendum Drawing SKA-10.
 - Add Deck Plan for Deck #5 & #6 as indicated in the attached Addendum Drawing SKA-26.
- Item 1-31** Reference Sheet A405, Deck Framing Plan. Make the following changes:
- Revise Plan 1 - Canopy Plan at existing Annex as indicated in the attached Addendum Drawing SKA-11.
 - Revise all Deck Plans to show what is handrail, and what is guardrail. Refer to attached Addendum Drawings SKA-11, SKA-12 and SKA-13.
 - Refer to the NOTES. Add the following: "3. All ramp slopes shall be 1:12 maximum."
- Item 1-32** Reference Sheet A501, Deck Details. Make the following changes:
- Refer to the Sheet Title. Change the Sheet Title to read "DECK DETAILS AND MILLWORK ELEVATIONS.
 - Add Serving Counter millwork elevation for General Storage 119 as indicated on attached Addendum Drawing SKA-28.

- c. Add Work Counter millwork elevation for MTPB LAB 215 as indicated in attached Addendum Drawing SKA-29.
- d. Add Work Counter millwork elevation and detail for PREP. 214 as indicated in attached Addendum Drawing SKA-29.
- e. Add revised Coffee Bar Elevations for Buildings #1, #2, and #3 as indicated in attached Addendum Drawings SKA-30, SKA-31, and SKA-32.

Item 1-33 Reference Sheet A502, Miscellaneous Details. Make the following changes:

- a. Refer to detail 2, CONDENSING UNIT SCREEN DETAIL. The bottom note reference Civil Sheet C102. This is incorrect. Change the referenced sheet number to C105.
- b. Delete the right hand modular building skirt detail and replace with attached Addendum Sheet SKA-14.

Item 1-34 Reference Sheet A503, Partition Types. Make the following changes:

- a. Revise Interior Partition Type 1A as indicated on the attached Addendum Sheet SKA-15.
- b. Delete Interior Partition Types 3 and 3A as indicated on the attached Addendum Sheet SKA-23.
- c. Add Interior Partition Type 2A as indicated on the attached Addendum Sheet SKA-22.
- d. Revise Interior Partition Type 4A as indicated on the attached Addendum Sheet SKA-24.

Item 1-35 Reference Sheet A601, Room Finish Schedule, Rooms 112, 124 and 125. Delete Room 125 from the finish schedule since this room has been combined with Classroom 124. Changes Classroom 112's west wall from OFP to GYP. Change new enlarged Classroom 124's east and west wall from OFP to GYP. Delete OFP from the Finish Legend

Item 1-36 Reference Sheet A602, Door Schedule and Details. Make the following changes.

- a. Revise Elevation No. 1, Visual Window Schedule per attached Addendum Drawing SKA-18.
- b. Revise Elevation No. 2, Visual Schedule per attached Addendum Drawings SKA-16 and SKA-17.
- c. Refer to the Door Schedule and Door Nos. 110A and 329A. Change the Door Material of these doors from Aluminum to Insulated Hollow Metal.
- d. Refer to the Door Schedule and Door Nos. 110C, 110D, 110E, & 111A. Change the Door Materials of these doors from Hollow Metal to Solid Core Wood.
- e. Refer to Hardware Types Schedule and make the following changes:
 1. Delete note "All hardware shall be by Best Systems.
 2. Delete Latchset from type 5, Restroom Doors and add Push/Pull Plates. Due to the fact that these doors are in fire rated corridors, each door will require a catch to hold the door in place per code requirements.
 3. Change the bottom note to read: "NOTE: REFER TO SPECIFICATION SECTION 13127 FOR HARDWARE SUBMITTAL REQUIREMENTS, HARDWARE MATERIALS, AND LIST OF ACCEPTABLE MANUFACTURERS."

f. Add the following Door Schedule Legend:

SC	<i>Solid Core Wood, Reference Specification.</i>
AL	<i>Aluminum and Glass</i>
HM	<i>Hollow Metal</i>

Item 1-37 Reference Sheet I101 Signage Plan. Make the following changes.

- a. Delete signs in Building One at General Storage 119, Secure Storage 120, Classroom Storage 122, and Classrooms 111, 112, 124 and 125.
- b. Delete signs in Building Two at Conference Room 223, and Storage 232.
- c. Delete sign in Building Three at Storage 308.

STRUCTURAL:

Item 1-38 Reference Sheet S001, Detail 1. Change the minimum depth of the footing bearing below grade from 1'-6" to 2'-6" per Addendum Sheet SKS01.

ELECTRICAL:

Item 1-39 Reference Sheet E101. Make the following changes.

- a. Revise circuits in Offices 203, 204 and 205 as follows: Receptacles in Office 203, 204, and 205 shall be on circuit 5. Receptacles in Office 204 shall be on circuit 7. Receptacles in Office 205 shall be on circuit 9. These circuits shall homerun to panel "1N2B2C".
- b. Provide additional service power poles to office cubicle partitions/panels as shown in attached sketches SKE-01, SKE-02 and SKE-03.
- c. Delete Note E on this sheet. The contractor shall provide service power poles for partitions. The Owner shall provide cord and plug connections from the service power poles to each cubicle.
- d. Add a ceiling-mounted receptacle for a ceiling-mounted project in newly configured Classroom 124 (See Architectural portion of this Addendum). Exact location to be coordinated with Owner's representative. Extend circuit 1N2B1C-4 to this receptacle. Provide two concealed 1" empty conduits with pull strings between locations of the new ceiling-mounted projector and a new 4x4 communication outlet box in the wall 18" AFF in the southwest corner of the room.

Item 1-40 Reference Sheet E102. Make the following changes:

- a. Bldg. 1 - Provide #10 conductors for 1N2B1D-7 & -11 homerun circuits (to reduce voltage drop).
4. An Architectural addendum item in this addendum has combined bldg. 1 - Rooms 124 and 125. Since this is one large classroom now, revise the four light switches in the room on the north wall by the entrances to 3-way light switches. Revise the zoning of the lights so that the 8 light fixtures in the east half of the large room are on zone "b" and controlled by two 3-way switches for zone "b", and the 8 light fixtures in the west

half of the large room are on zone "a" and controlled by two 3-way switches for zone "a".

- b. Bldg. 2 – Provide #10 conductors for 1N2B2E-4 homerun circuit.
- c. Bldg. 2 – Change the circuit serving the 8 light fixtures in the west half of Unassigned Rm. 210 from 1N2B2E-5 to 1N2B2E-12. Gang this new circuit 12 with 1N2B2E-8, 10.
- d. Bldg. 3 – Change the circuit serving the 6 light fixtures just south of Office Rm. 315 and west of Satori Rm. 320 from 1N2B3D-9 to circuit 1N2B3D-15.

Item 1-41

Reference Sheet E104. Make the following changes

- a. Add symbol "D1" to the right end of the circuits shown for channels 00 and 01 of CC-165 unit shown in the Security System Diagram. As indicated on the floor plans, a door position switch ("D1") is required at the East Bldg. – SE Door, and at the West Bldg. – SW Door.
- b. Replace the note in the shadowed box (located below Security System Diagram) with the following:

"BID SHALL BE BASED ON PROVIDING ACCESS SPECIALTIES SECURITY SYSTEM EQUIPMENT. FAA IS PLANNING TO REPLACE ACCESS CONTROL SYSTEM WITH ANOTHER MANUFACTURER, SO PRIOR TO ORDERING EQUIPMENT, VERIFY WITH OWNER'S REPRESENTATIVE TO DETERMINE IF THERE ARE ANY CHANGES IN SECURITY SYSTEM MANUFACTURER. IF CHANGES ARE REQUIRED, SECURITY EQUIPMENT COST SHALL BE RE-NEGOTIATED AT THAT TIME."
- c. All type "D1" door position switches shall be balanced magnetic type, Sentrol #1076H or equal (not #1076). Revise the reference located above and to the left of the "SECURITY SYSTEM DIAGRAM" title.
- d. Bldg. 2 – Change the circuit serving the 8 light fixtures in the west half of Unassigned Rm. 210 from 1N2B2E-5 to 1N2B2E-12. Gang this new circuit 12 with 1N2B2E-8, 10.
- e. Bldg. 3 – Change the circuit serving the 6 light fixtures just south of Office Rm. 315 and west of Satori Rm. 320 from 1N2B3D-9 to circuit 1N2B3D-15.

Item 1-42

Reference Sheet E104. Make the following changes.

- a. Add symbol "D1" to the right end of the circuits shown for channels 00 and 01 of CC-165 unit shown in the Security System Diagram. As indicated on the floor plans, a door position switch ("D1") is required at the East Bldg. – SE Door, and at the West Bldg. – SW Door.
- b. Replace the note in the shadowed box (located below Security System Diagram) with the following:

"BID SHALL BE BASED ON PROVIDING ACCESS SPECIALTIES SECURITY SYSTEM EQUIPMENT. FAA IS PLANNING TO REPLACE ACCESS CONTROL SYSTEM WITH ANOTHER MANUFACTURER, SO

PRIOR TO ORDERING EQUIPMENT, VERIFY WITH OWNER'S REPRESENTATIVE TO DETERMINE IF THERE ARE ANY CHANGES IN SECURITY SYSTEM MANUFACTURER. IF CHANGES ARE REQUIRED, SECURITY EQUIPMENT COST SHALL BE RE-NEGOTIATED AT THAT TIME."

- c. All type "D1" door position switches shall be balanced magnetic type, Sentrol #1076H or equal (not #1076). Revise the reference located above and to the left of the "SECURITY SYSTEM DIAGRAM" title.

Item 1-43 Reference Sheet E603. Make the following changes.

- a. Revise "Circuit Use" for circuits 1N2B2C – 5,7,9 as follows: Receptacles in Office 203 shall be on circuit 5. Receptacles in Office 204 shall be on circuit 7. Receptacles in Office 205 shall be on circuit 9.
- b. Revise "Circuit Use" for circuit 1N2B2E-12 from "SC" (spare) to "Lights – Rm. 210".
- c. Replace panel schedule shown for panel "1N2B3D" with new schedule attached to this addendum as sketch SKE-04.

TELECOMMUNICATIONS:

Item 1-44 Reference Sheet T101 - Modular Building #2 Room #201. Add two voice/data outlets (one on east wall and one on west wall), per Addendum Sheet SKT-01.

Item 1-45 Reference Sheet T101 – Keyed note #2 "TO TELECOM MANHOLE. FOR CONTINUATION SEE SHEET C107, has been replaced with "3-4" CONDUITS TO TELECOMM MANHOLE. FOR CONTINUATION SEE SHEET C107." See attached Addendum Drawing SKT-01.

Item 1-46 Reference Sheet T101 - Modular Building #3. Add one voice/data outlet on west wall of Coffee Room #330, and add one voice/data outlet on east wall of Room #306 per attached Addendum Drawing SKT-01.

Item 1-47 Reference Sheet T102. The Reference bubbles 1, 2 and 6 have incorrectly reversed sheets T502 and T102. These reference sheets shall switch places to show T102 as the point of reference for the details and T502 to indicate where the detail is located in the drawings.

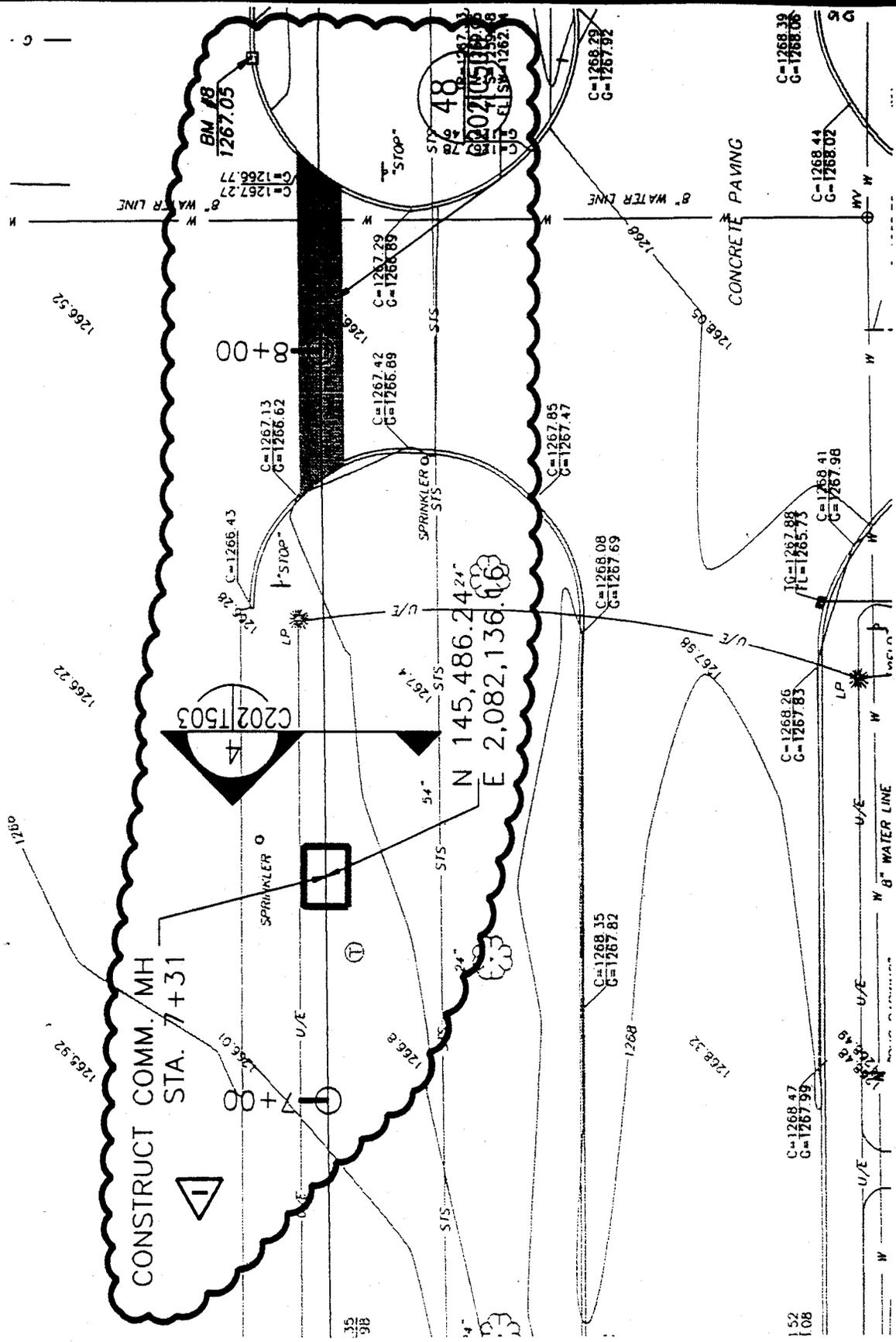
Item 1-48 Reference Sheet T501 – Detail #5 "4-4" SERVICE ENTRANCE CONDUITS FROM NEW MANHOLE. SEE SHEETS T602, AND C107. STUB CONDUITS 6" INTO ROOM OVERHEAD." Has changed to "1-4" SERVICE ENTRANCE CONDUITS FROM NEW MANHOLE. SEE SHEETS T602, 502 DETAIL-4 AND C204. STUB CONDUITS 6" INTO ROOM OVERHEAD". See Addendum Sheet SKT- 02.

Item 1-49 Reference Sheet T502 – Detail #3 On the faceplate, the "BLANK WITH INSERT" has changed places with the "VOICE RJ-11 JACK". See Addendum Sheet SKT-03.

Item 1-50 Reference Sheet T502 – Added new details #4 and #5 that reference CAMI service entrance conduits from the manhole. See Addendum Sheet SKT- 03 for Detail #5 and SKT – 04 for Detail #5.

- Item 1-51** Reference Sheet T503 – Details #1 - #5 changed "3-1 ¼" INNERDUCT IN 4" PVC CONDUIT (TYPICAL)", to "4-1" INNERDUCT IN 4" PVC CONDUIT (TYPICAL) FOR FIBER CABLES" and vertical separation between conduits has changed from 1 ½ " to 3". Detail #4 added callout to PVC conduit "CONDUIT FOR COPPER CABLE" and added 4-1" innerducts to conduit adjacent to existing innerduct conduit. Detail #5 callout to three of the seven conduits "ROUTE TO EXISTING MANHOLE. SEE SHEET T602" and Added 4-1" innerduct to top conduit. See Addendum Sheet SKT- 05, 06, 07, 08, 09.
- Item 1-52** Reference Sheet T602 – changed configuration of entry from new manhole to CAMI building telecomm room B-26. See Addendum Sheet SKT- 10.
- Item 1-53** Reference Sheet T602 –Changed the manhole outside the ARB and associated duct bank/conduit to manhole and to telecomm room B-15 part of option #3 to be bid separate from base bid. See Addendum Sheet SKT- 10.
- Item 1-54** Reference Sheet T102. The Reference bubbles 1,2 and 6 have incorrectly reversed sheets T502 and T102. These reference sheets shall switch places to show T102 as the point of reference for the details and T502 to indicate where the detail is located in the drawings. See Addendum Sheet SKT – 11.
- Item 1-55** Reference Sheet T102. Text "STUB-OUT 3-4" CONDUITS AND SEAL", has changed to "STUB-OUT TOP 3-4" CONDUITS AND SEAL", and added a call-out "ROUTE ABOVE DROP CEILING". See Addendum Sheet SKT – 11.
- Item 1-56** Reference Sheet T102. Text "6-4 RIGID CONDUITS", has changed to "6-4" RIGID CONDUITS. SUPPORTS SHALL BE CONSISTENT WITH EXISTING CONDUIT SUPPORT STRUCTURE."
- Item 1-57** Reference Sheet T601. The line type for the manhole outside the ARB has changed to reflect that the manhole is in option #3. This coordinates with the change to sheet T602 where the manhole changed from base bid to option#3. See Addendum Sheet SKT-12.

END OF ADDENDUM NUMBER ONE



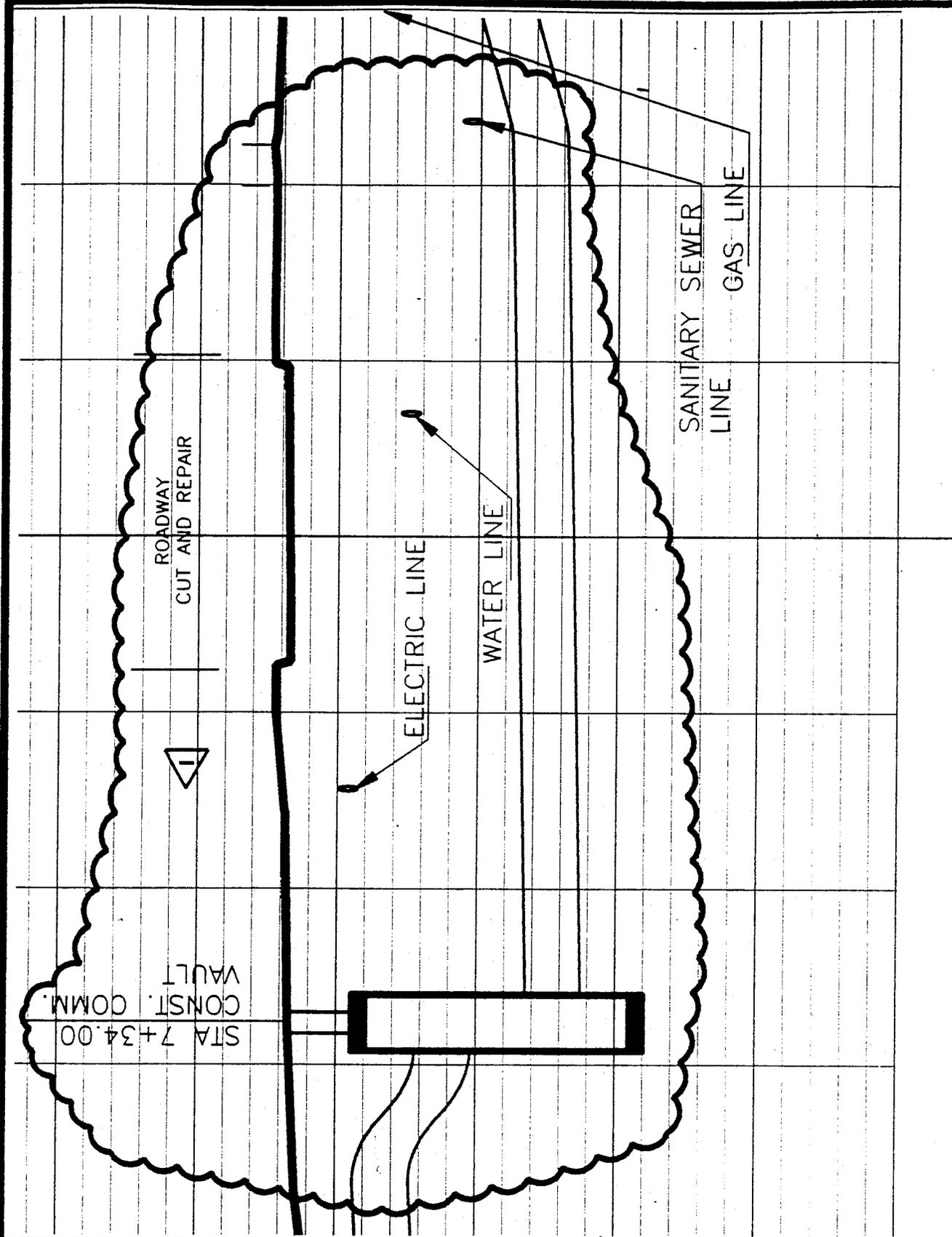
COMMUNICATION DUCT BANK PLAN, SHEET 2
SCALE: 1" = 20'

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CIVIL AEROSPACE MEDICAL INSTITUTE
MODULAR STAGING FACILITIES
PHASE I - ADDENDUM I
COMMUNICATIONS DUCTBANK - PLAN

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DESIGNED BY: WRB	ISSUED BY: OFFICE OF FACILITY MANAGEMENT	DATE: 08/27/02
DRAWN BY: WRB	AMP-400	REF DWG: C202
WORK ORDER NO. 99-0141		DRAWING NO. AMP-400-E-1059
		SHT NAME: SKC04



COMMUNICATION DUCT BANK PLAN, SHEET 2 -PROFILE
 SCALE: 1" = 20'
 8+00



7+00

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 PHASE I - ADDENDUM I
 COMMUNICATIONS DUCTBANK PROFILE

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DESIGNED BY: WRB	ISSUED BY	DATE: 06/27/02
DRAWN BY: WRB	OFFICE OF	DRAWING NO.
	FACILITY MANAGEMENT	AMP-400-E-1059
	AMP-400	
WORK ORDER NO. 99-0141		

REF DWG C202
SHT NAME SKC05

ABBREVIATIONS

AL	ALUMINUM AND GLASS -
AS	ASSISTANT
BLDG	BUILDING
BTM.	BOTTOM
CMU	CONCRETE MASONRY UNIT
COMM.	COMMUNICATIONS
CONT.	CONTINUOUS
CORR.	CORRIDOR
DIV.	DIVISION
DN	DOWN
DS	DOWNSPOUT
ELEC.	ELECTRICAL
ELEV.	ELEVATION
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EXP.	EXPANSION
F.E.B.	FIRE EXTINGUISHER BRACKET
FIN.	FINISHED
FL.	FLOOR
FT.	FOOT
GWB	GYPHUM WALL BOARD
H.C.	HANDICAP
HM	HOLLOW METAL (INSULATED)
MIN.	MINIMUM
NIC	NOT IN CONTRACT
O.C.	ON CENTER
O.H.	OPPOSITE HAND
PR	PAIR
REF.	REFERENCE
SC	SOLID CORE WOOD
SEC	SECRETARY
TYP.	TYPICAL
WC	WATER COOLER



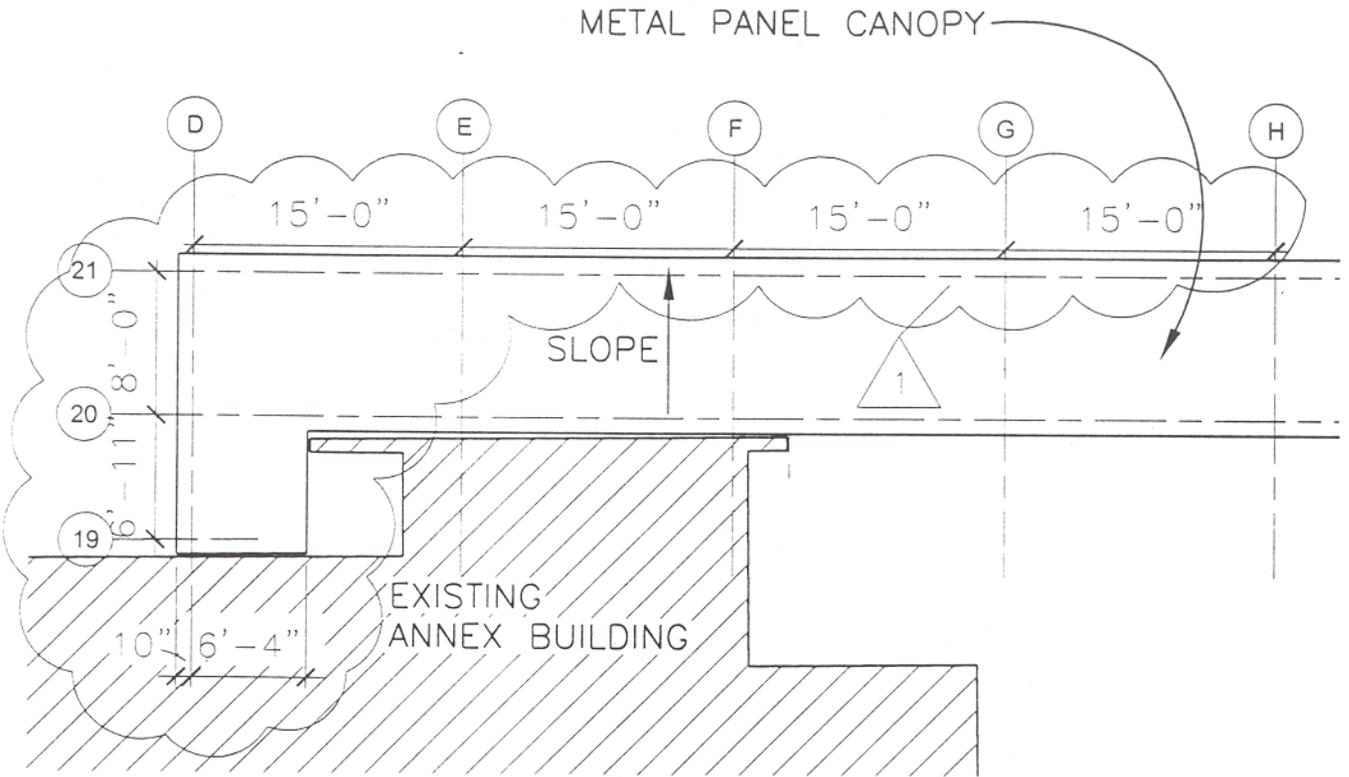
SYMBOLS (ADD THIS LEGEND TO SHEETS A401, A402 & A403)

	PARTITION TYPE
	DOOR TYPE
	VISUAL WINDOW SCHEDULE

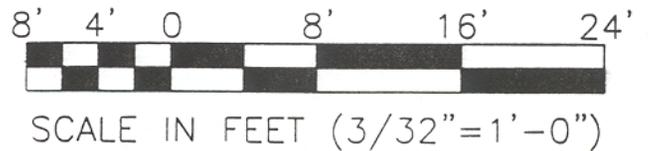
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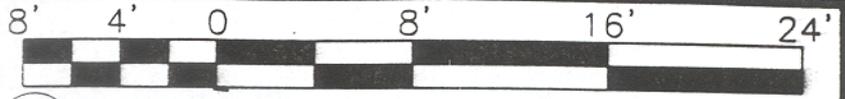


2
CANOPY/ROOF PLAN
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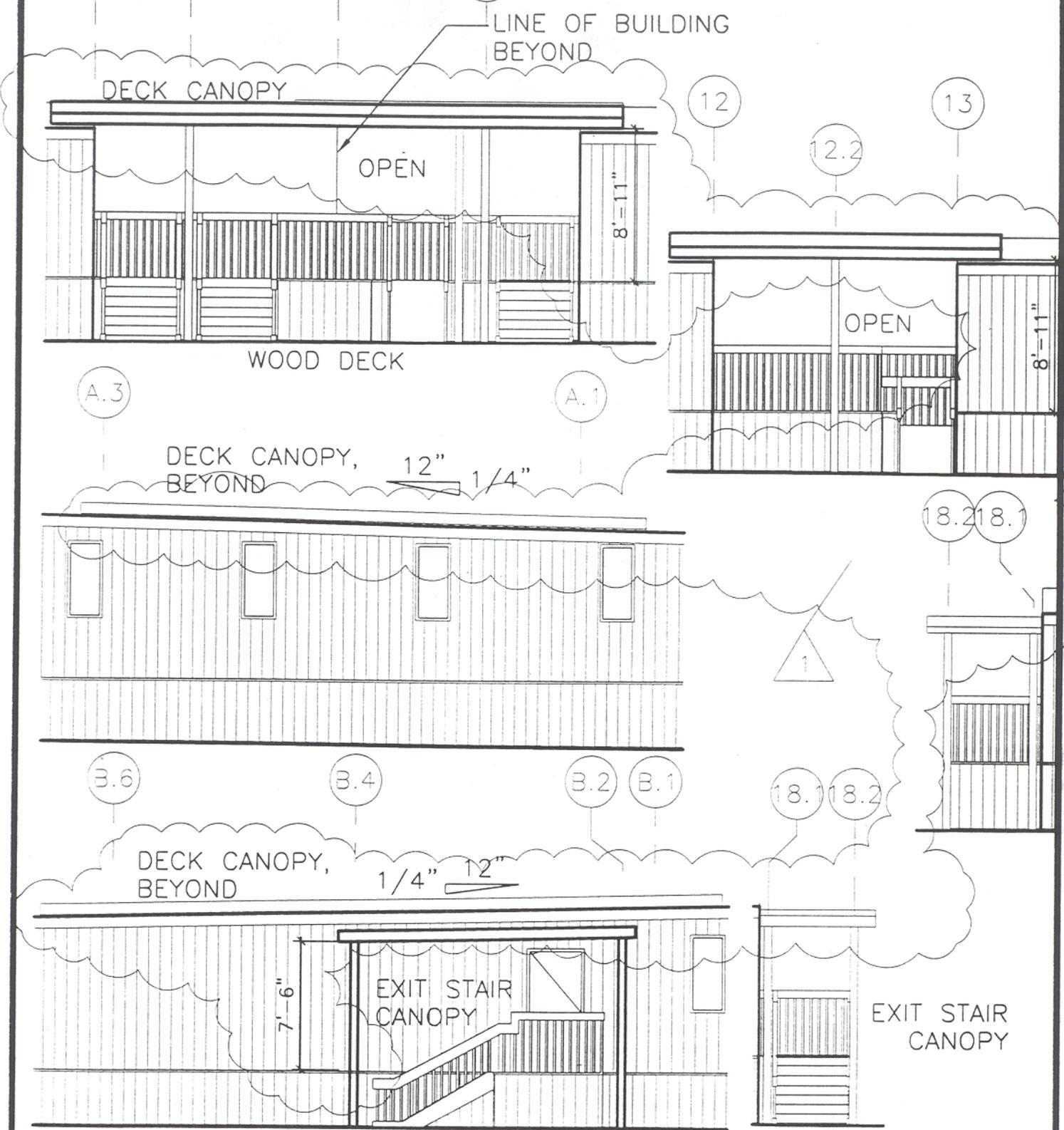


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CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I CANOPY/ROOF PLAN @ EXISTING ANNEX BUILDING		REVIEWED BY _____	PREPARED BY ATKINS BENHAM, INC. <small>3400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-5353 www.atkinsbenham.com</small>	APPROVED BY JON BERKMAN	
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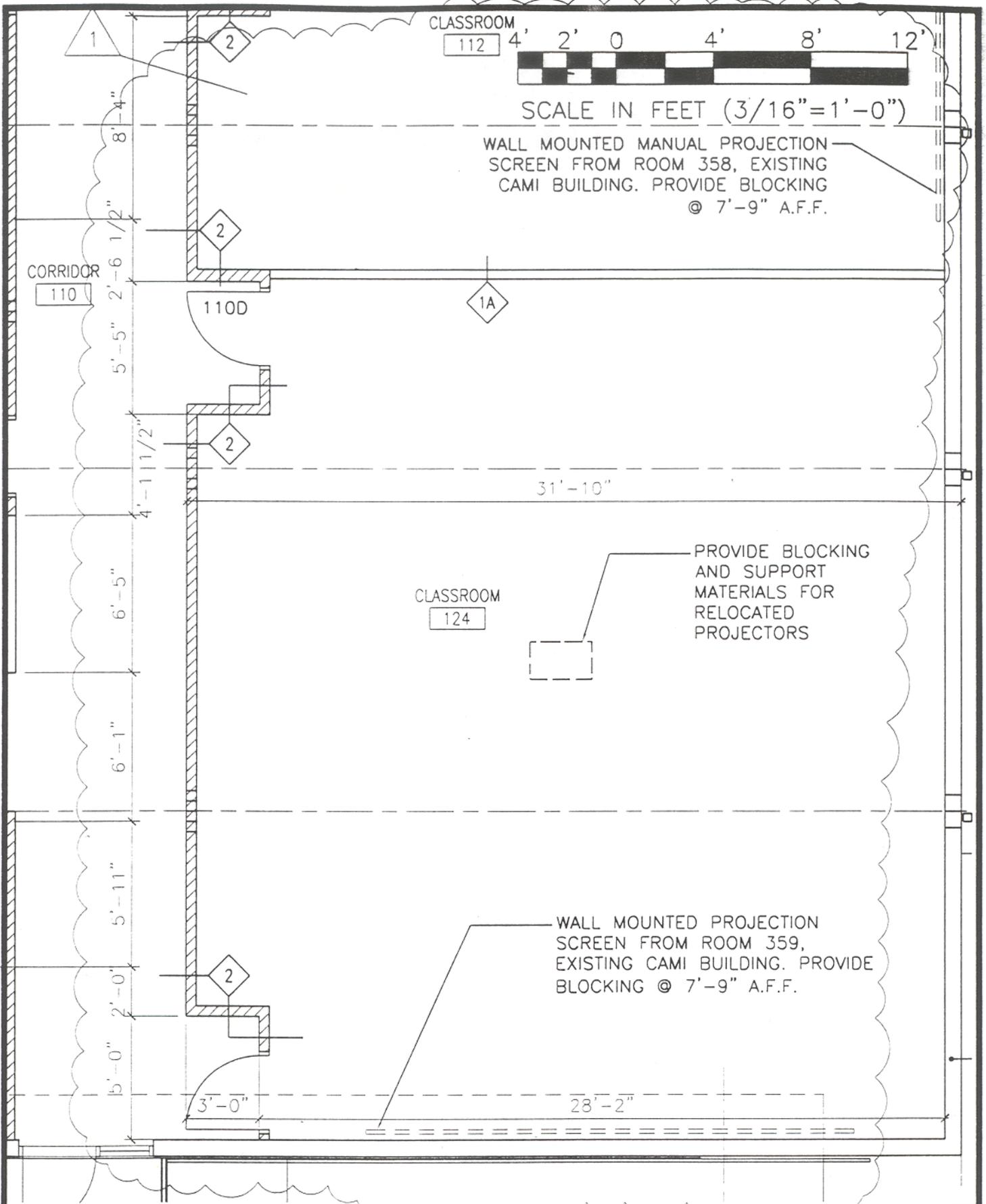
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CIVIL AEROSPACE MEDICAL INSTITUTE
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 PHASE I - ADDENDUM I
 CANOPY ELEVATIONS - DECKS #1, #2 & #5

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WORK ORDER NO. 99-0141	DATE: 08/27/02 DRAWING NO. AMP-400-E-1059
REF DWG A201	SHT NAME SKA-05

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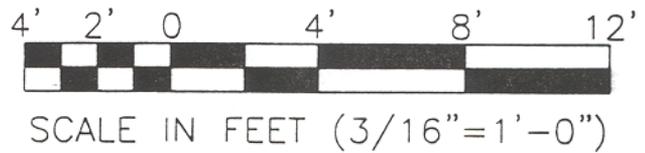
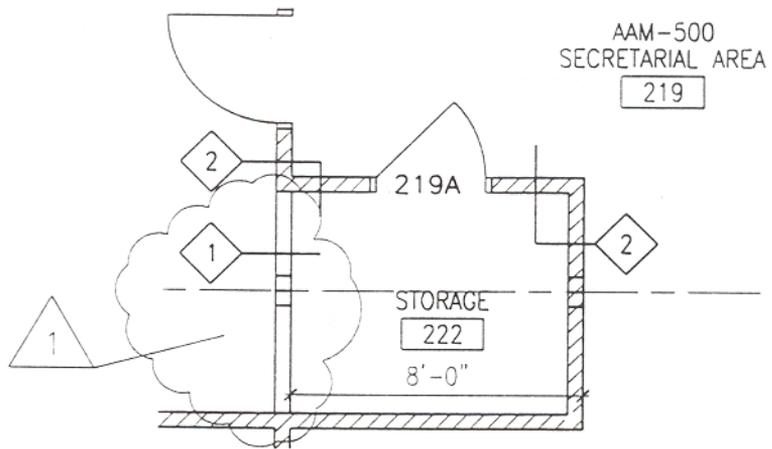
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 MODULAR STAGING FACILITIES
 PHASE I - ADDENDUM I
 ENLARGED PLAN - MODULAR BUILDING NUMBER 1

REV	DATE	DESCRIPTION	CHECK	APP'D

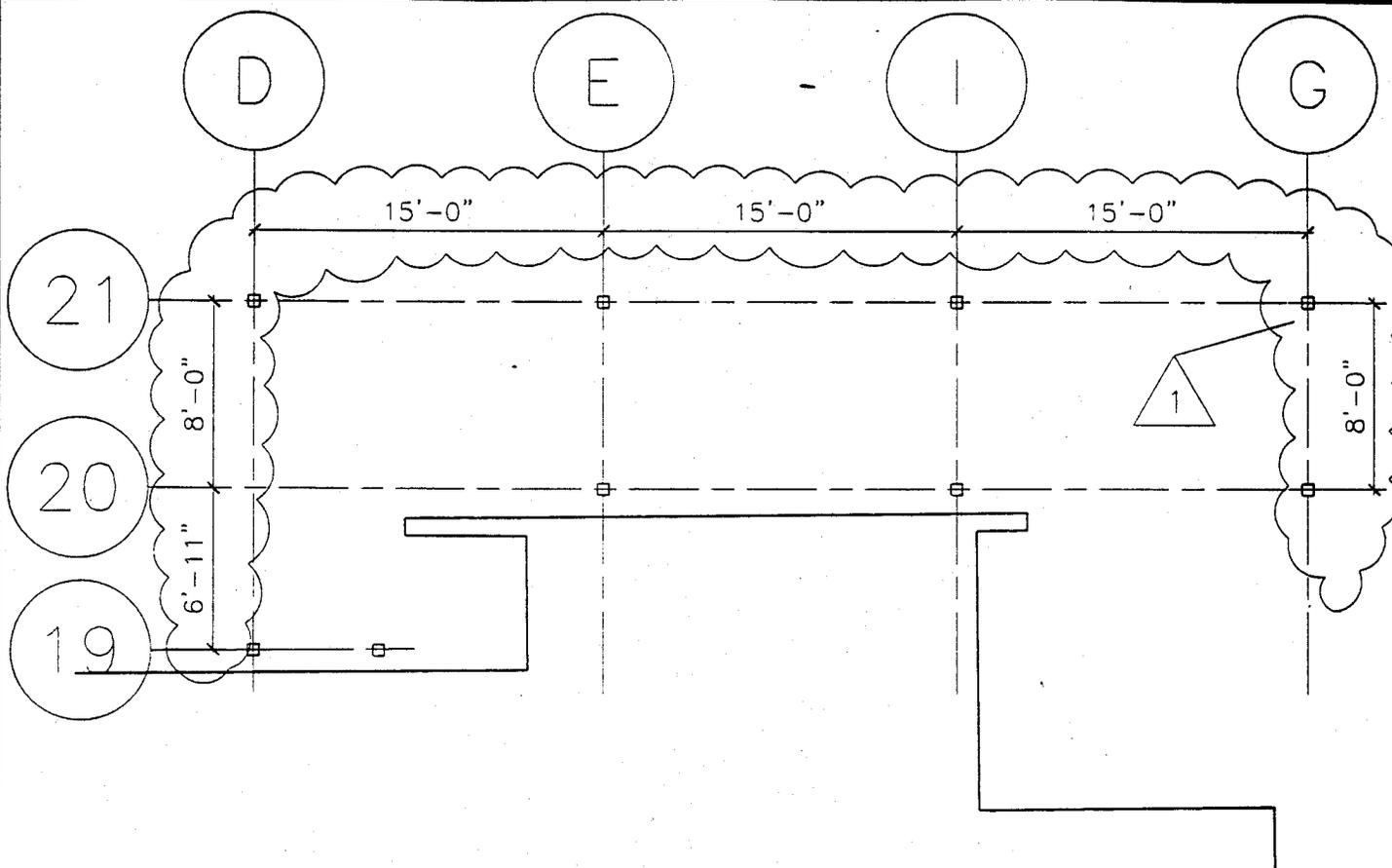
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	ATKINS BENHAM, INC.	JON BERKMAN
	8400 NORTH BRIDGWAY OKLAHOMA CITY, OKLAHOMA 405/478-3333 www.atkinsbenham.com	
DESIGNED BY: WB	ISSUED BY	DATE: 08/27/02
DRAWN BY: BJM	OFFICE OF	DRAWING NO.
	FACILITY MANAGEMENT	AMP-400-E-1059
	AMP-400	REF DWG
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		SHT NAME
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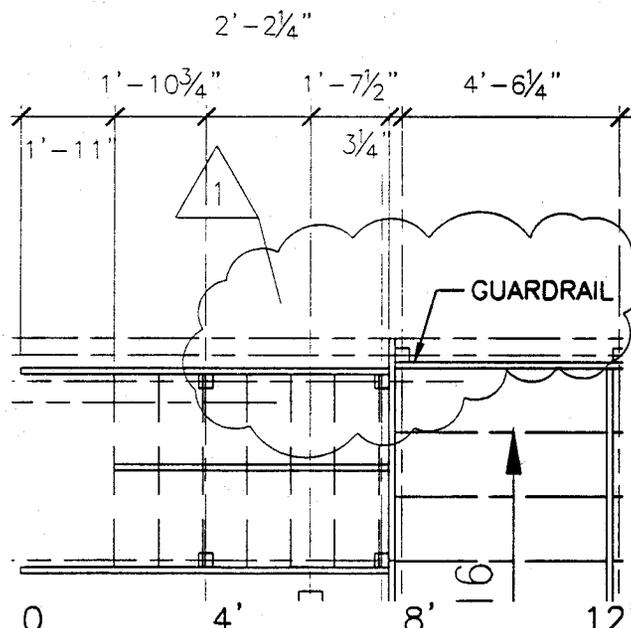
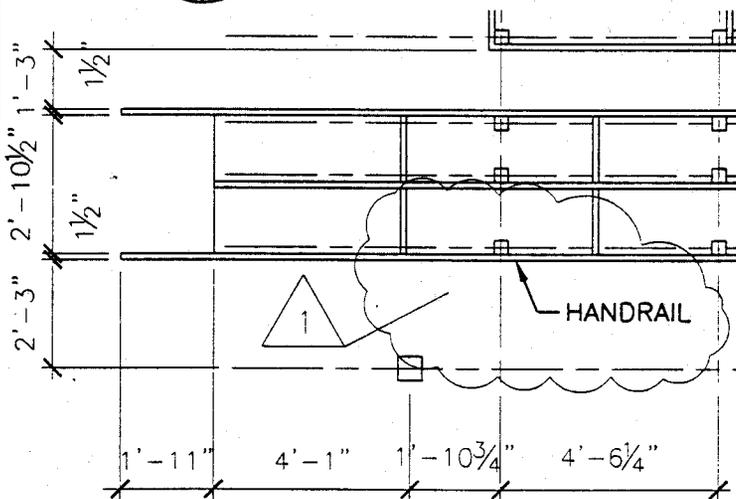


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CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I STORAGE ROOM - MODULAR BUILDING NUMBER 2		REVIEWED BY	PREPARED BY ATKINS BENHAM, INC. <small>3400 NORTH BRIDGWAY OKLAHOMA CITY, OKLAHOMA 405/478-3383 www.atkinsbenham.com</small>		APPROVED BY JON BERKMAN	
		DESIGNED BY: WB	ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400		DATE: 08/27/02	REF DWG A402
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		WORK ORDER NO. 99-0141				

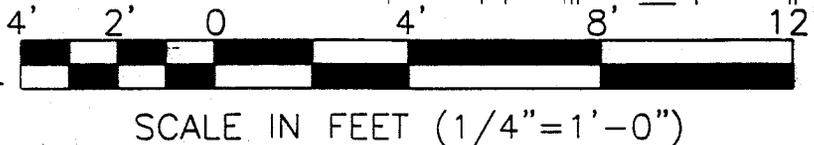
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1 CANOPY PLAN AT EXISTING ANNEX
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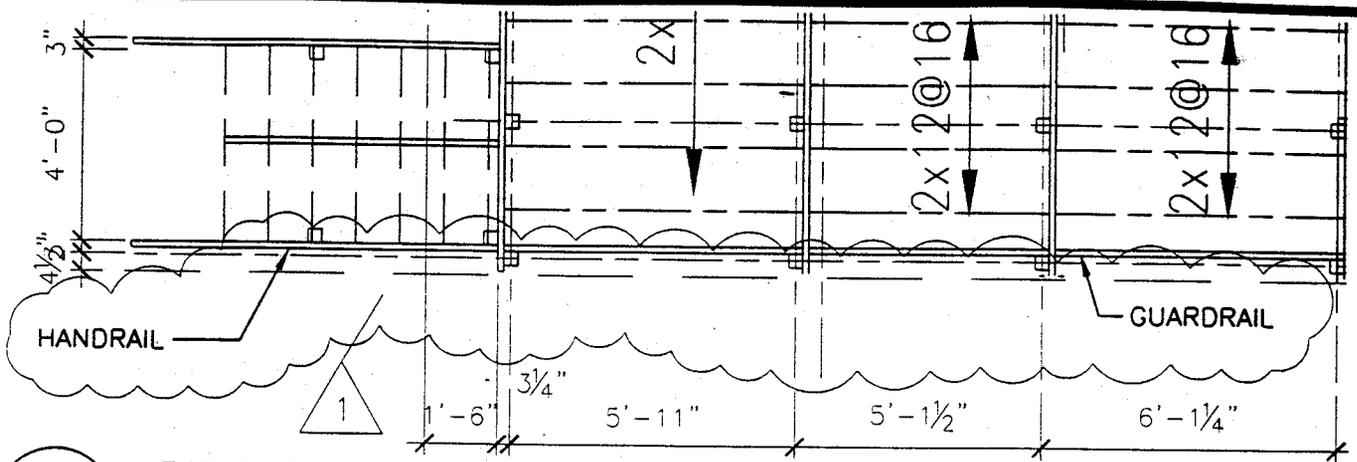


2 DECK #1 PLAN
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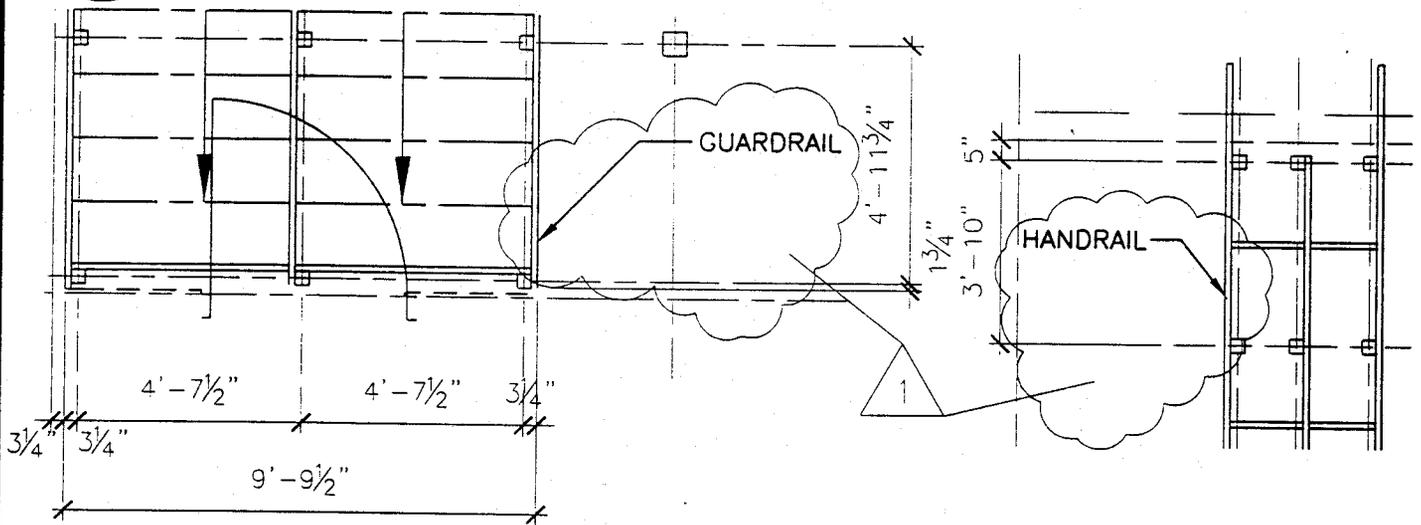


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CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I CANOPY AND DECK PLANS		REVIEWED BY	PREPARED BY ATKINS BENHAM, INC. <small>1400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA (405) 478-2383</small>		APPROVED BY JON BERKMAN	
		DESIGNED BY: WB	ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400		DATE: 08/27/02	REF DWG A405
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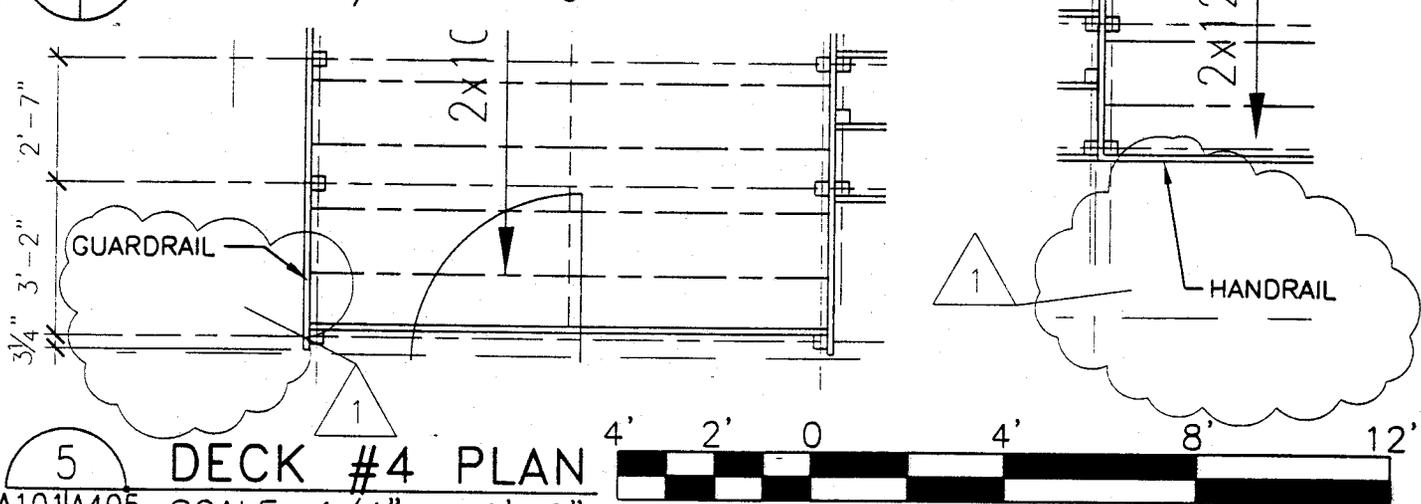
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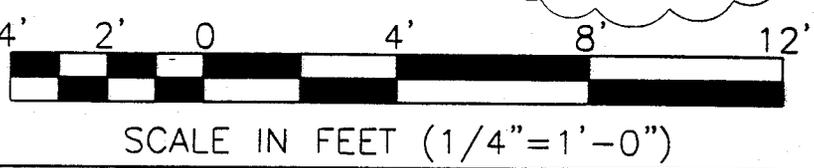
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A101A405 SCALE: 1/4" = 1'-0"



4 DECK #3 PLAN
A101A405 SCALE: 1/4" = 1'-0"

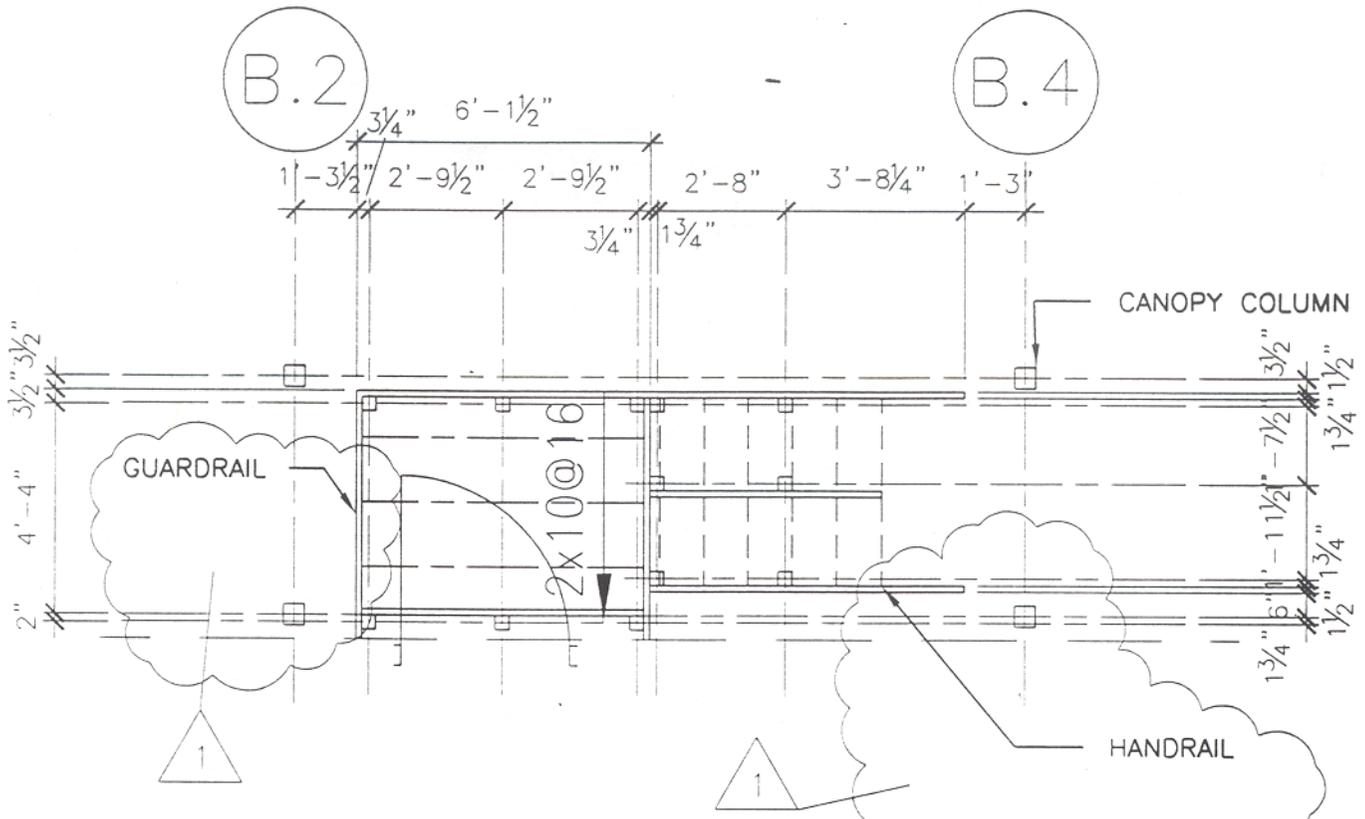


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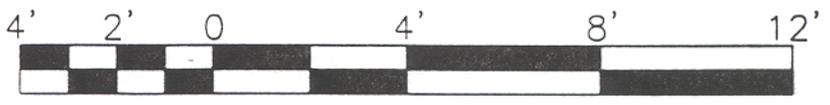


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CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I FRAMING PLANS - DECKS #2, #3, & #4		REVIEWED BY DESIGNED BY: WB DRAWN BY: BJM WORK ORDER NO. 99-0141	PREPARED BY ATKINS BENHAM, INC. <small>8400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-3333 www.atkinsbenham.com</small>	APPROVED BY JON BERKMAN DATE: 08/27/02		REF DWG A405 SHT NAME SKA-12	AMP-400-E-1059	

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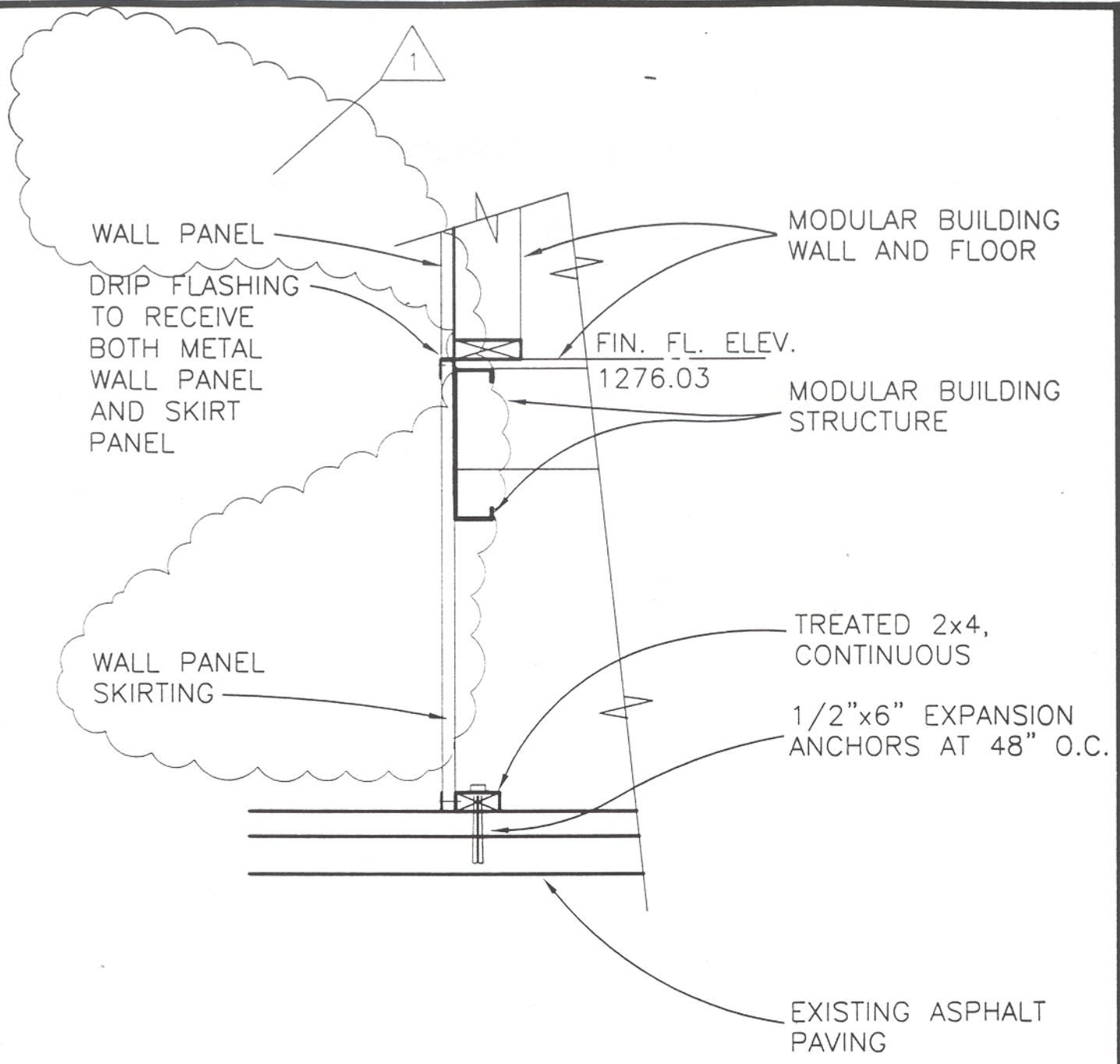
6 DECKS #5 & #6 PLAN
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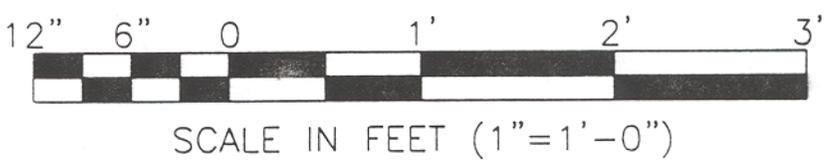
SCALE IN FEET (1/4" = 1'-0")

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA		REV DATE DESCRIPTION CHECK APP'D		
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I FRAMING PLANS - DECKS #5 & #6		REVIEWED BY DESIGNED BY: WB DRAWN BY: BJM WORK ORDER NO. 99-0141	PREPARED BY ATKINS BENHAM, INC. <small>9400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-5353 www.atkinsbenham.com</small> ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400	APPROVED BY JON BERKMAN DATE: 08/27/02 DRAWING NO. AMP-400-E-1059 REF DWG A405 SHT NAME SKA-13

Drawing name: S:\30002909\20_CAD\MOD - BUILDING\Addendum 1\skd-14.dwg Plot time: Aug 23, 2002 - 9:52am Plotted by: bmaris



4 MODULAR BUILDING SKIRT DETAIL
 A502/A502 SCALE: 1" = 1'-0"



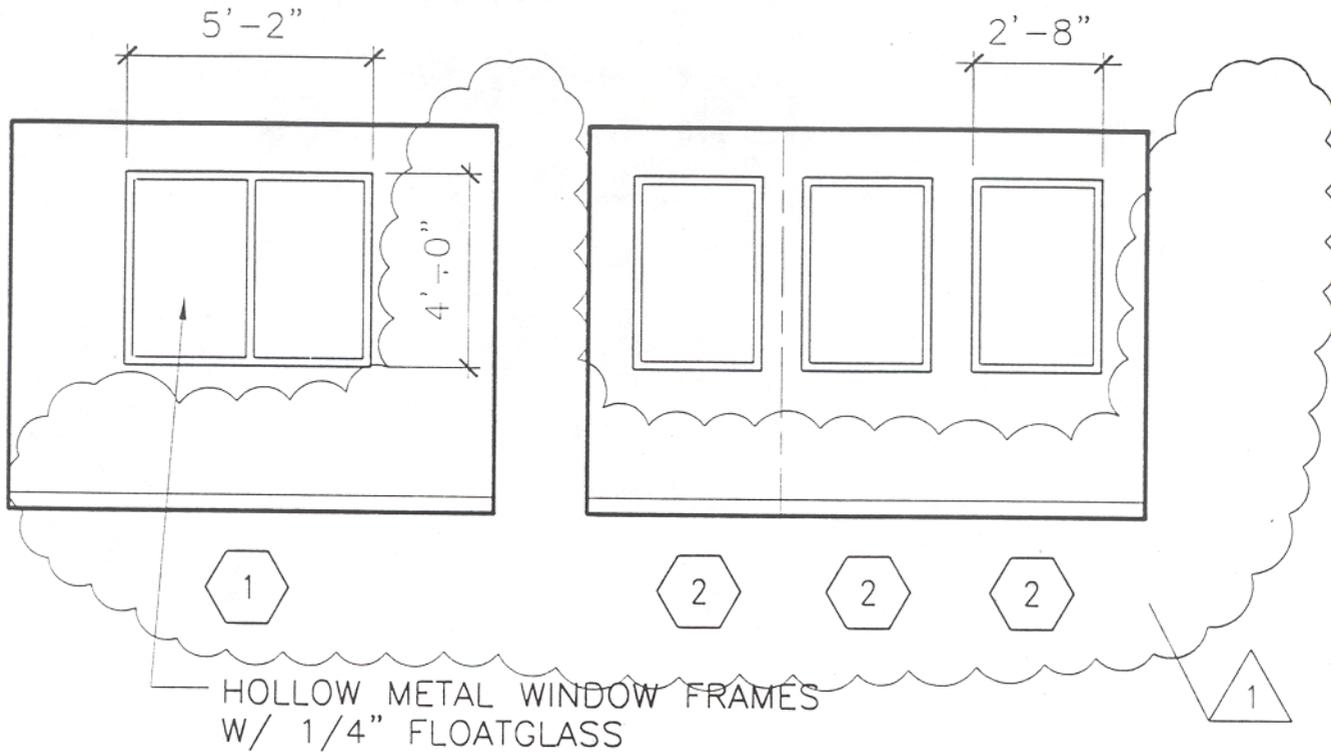
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA		REV DATE DESCRIPTION CHECK APP'D	
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I MODULAR BUILDING SKIRT DETAIL		REVIEWED BY PREPARED BY ATKINS BENHAM, INC. <small>1400 NORTH BRIDGEST OKLAHOMA CITY, OKLAHOMA 405/478-3383 www.atkinsbenham.com</small>	APPROVED BY JON BERKMAN
		DESIGNED BY: WB DRAWN BY: BJM	ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400
		WORK ORDER NO. 99-0141	DATE: 08/27/02 DRAWING NO. AMP-400-E-1059 REF DWG A502 SH1 NAME SKA-14

Plotted by: bmorris

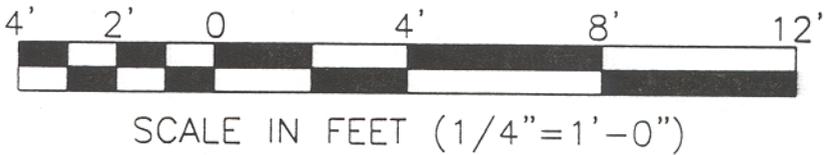
Plot Time: Aug 23, 2002 - 9:53am

Plot Time: Aug 23, 2002 - 9:53am

Drawing name: S:\30002909\20_CAD\BULDINC\Addendum 1\sko-18.dwg

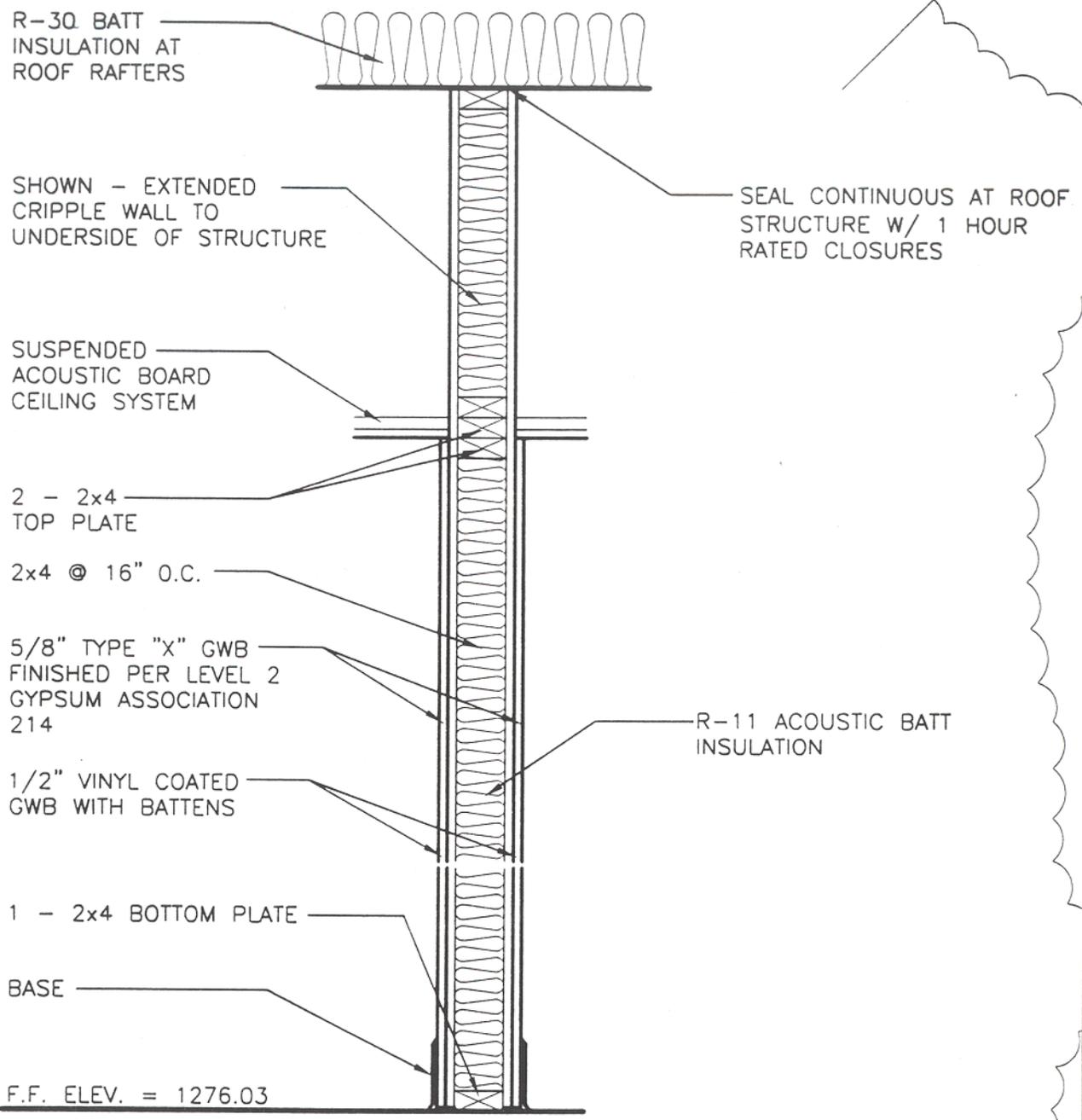


1 VISUAL WINDOW SCHEDULE
 A602/A602 SCALE: 1/4" = 1'-0"



DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA		REVIEWED BY PREPARED BY DESIGNED BY: WB DRAWN BY: BJM WORK ORDER NO. 99-0141		ATKINS BENHAM, INC. 8400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-3333 www.atkinsbenham.com		APPROVED BY JON BERKMAN OFFICE OF FACILITY MANAGEMENT AMP-400		DATE: 08/27/02 DRAWING NO. AMP-400-E-1059		REF DWG A602 SHT NAME SKA-18	
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I WINDOW ELEVATIONS		REV	DATE	DESCRIPTION				CHECK	APP'D		

1



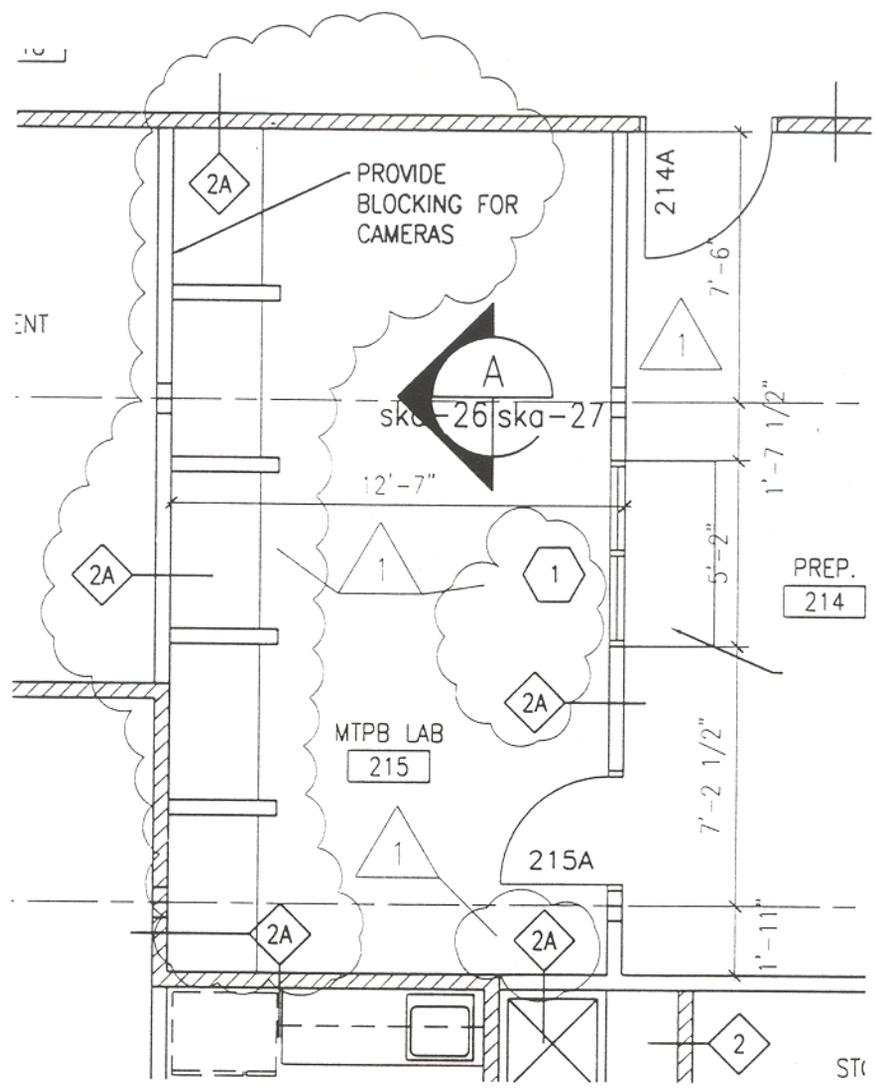
2x4" WOOD STUDS @ 16" O.C WITH 5/8" TYPE "X" GYPSUM WALL BOARD APPLIED HORIZONTALLY @ 7" O.C. WITH END JOINTS ON FRAMING MEMBERS. STAGGER JOINTS EACH SIDE, WITH 1/2" VINYL COATED GWB AND BATTENS ADHERED PER MANUFACTURER'S INSTRUCTIONS (IBC ITEM #14-1.3, TABLE 719.1(2)).

2A

Drawing name: S:\30002909\20_CAD\MOD-BUILDING\Addendum 1\sko-22.dwg Plot Time: Aug 23, 2002 - 9:54am Plotted by: bnmorris

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA				REV	DATE	DESCRIPTION	CHECK	APP'D	
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I PARTITION TYPES				REVIEWED BY	PREPARED BY ATKINS BENHAM, INC. <small>3408 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-5353 www.atkinsbenham.com</small>		APPROVED BY JON BERKMAN		
				DESIGNED BY: WB	ISSUED BY		DATE	DATE	REF DWG
				DRAWN BY: BJM	OFFICE OF		DRAWING NO.		SHT NAME
WORK ORDER NO. 99-0141				FACILITY MANAGEMENT		AMP-400	AMP-400-E-1059	SKA-22	

Drawing name: S:\30002909\20_CAU\MOD-BUILDING\Addendum 1\ska-26.dwg Plot Time: Aug 23, 2002 - 9:55am Plotted by: bnmorris



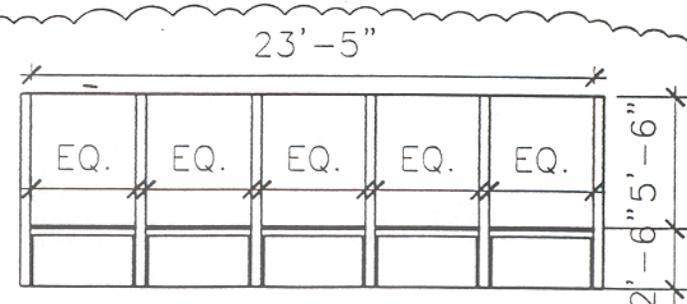
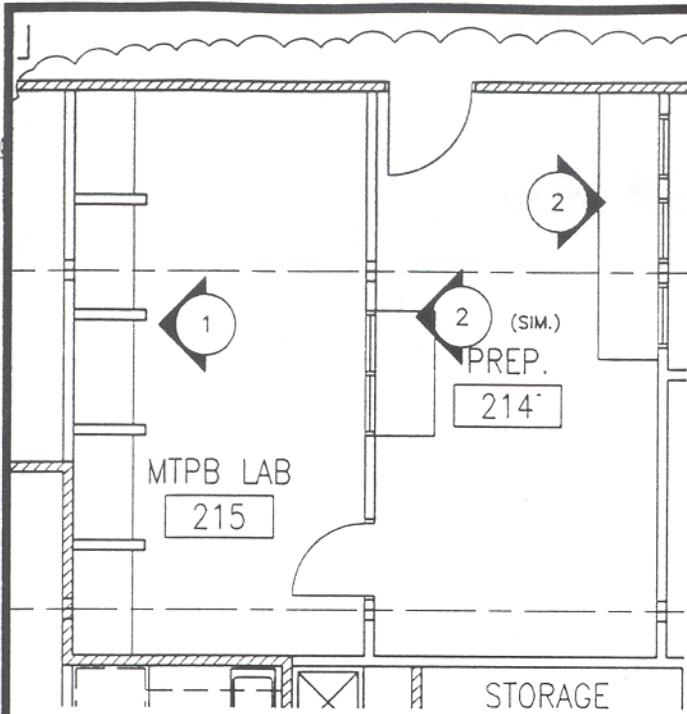
DEPARTMENT OF TRANSPORTATION
 FEDERAL AVIATION ADMINISTRATION
 MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA

CIVIL AEROSPACE MEDICAL INSTITUTE
 MODULAR STAGING FACILITIES
 PHASE I - ADDENDUM I
 MTPB LAB 215

REV	DATE	DESCRIPTION	CHECK	APP'D

REVIEWED BY	PREPARED BY ATKINS BENHAM, INC. 8400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-5383 www.atkinsbenham.com	APPROVED BY JON BERKMAN
DESIGNED BY: WB	ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400	DATE: 08/27/02
DRAWN BY: BJM		DRAWING NO. AMP-400-E-1059
WORK ORDER NO. 99-0141		REF DWG A402 SHT NAME SKA-26

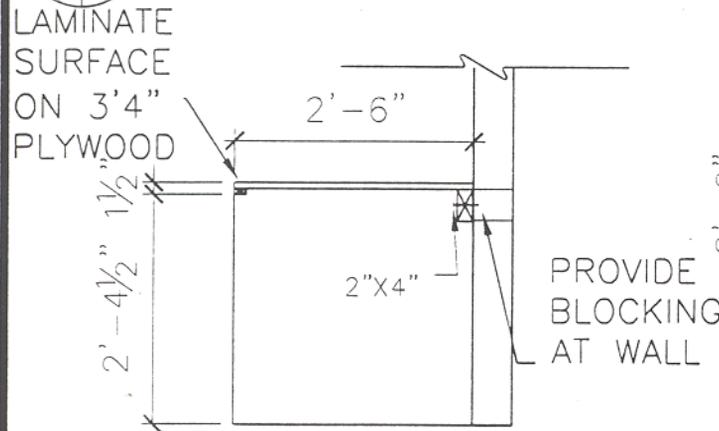
Drawing name: S:\3000\2909\20_CAD\MOD-BUILDING\Addendum 1\1_ska-29.dwg PLOT Time: Aug 23, 2002 3:26pm Plotted by: kdlpmpas



NOTE:
 EACH UNIT WIDTH IS 4'-4 1/4" @ ROOM 215.
 TOTAL MILLWORK WIDTH IS 5'-2" @ ROOM 214, NORTH ELEVATION.

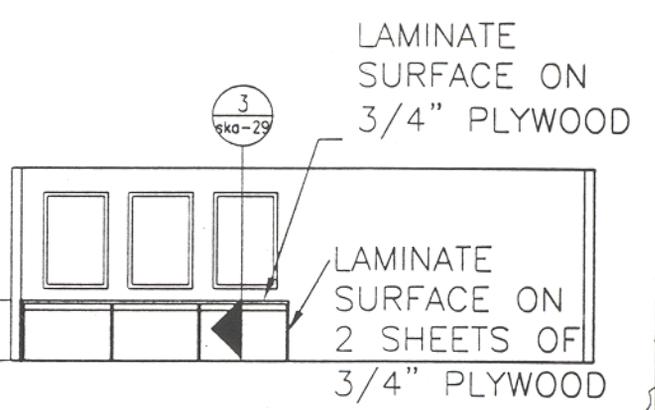
1 ELEVATION RM 215
 A101ska-29 SCALE: 1/8" = 1'-0"

A MILLWORK BLDG. 2
 A101ska-29 SCALE: 1/8" = 1'-0"



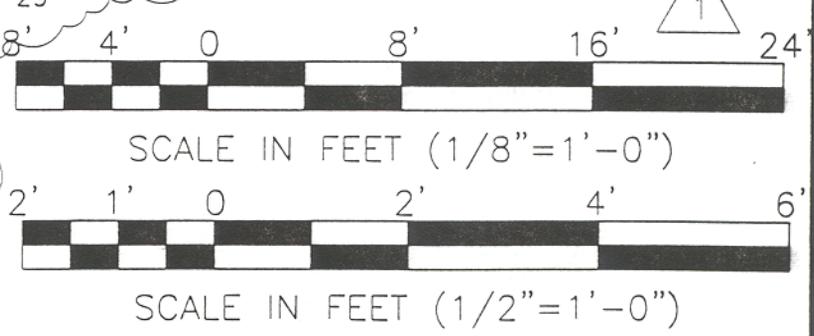
3 MILLWORK SECTION (TYPICAL)
 ska-29 SCALE: 1/2" = 1'-0" SKA-29

GENERAL NOTE:
 ALL WORK TO BE ACCORDING TO AWI STANDARDS, CUSTOM GRADE. ALL SURFACES OF MILLWORK TO BE .048" THICK HIGH-PRESSURE LAMINATE.



2 PREP RM 214
 A101ska-29 SCALE: 1/8" = 1'-0"

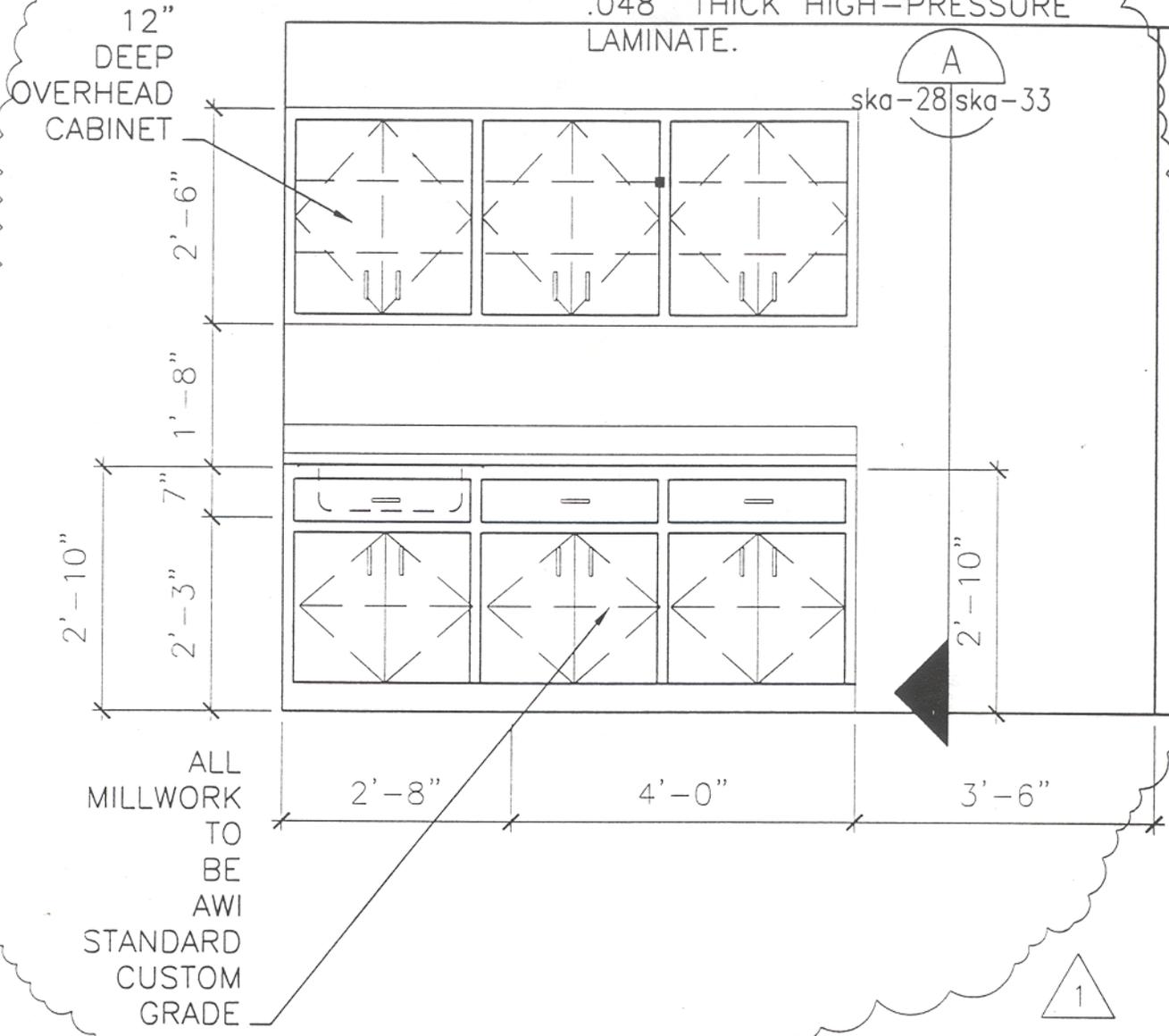
NOTE: NORTH ELEVATION SIM.



DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA		REV. DATE DESCRIPTION CHECK APP'D	
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I MILLWORK ELEVATIONS ROOMS 214/215		REVIEWED BY: _____ PREPARED BY: ATKINS BENHAM, INC. 8400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-1323 www.atkinsbenham.com	APPROVED BY: JON BERKMAN DATE: 08/27/02 DRAWING NO. AMP-400-E-1059
		DESIGNED BY: TB DRAWN BY: KT WORK ORDER NO. 99-0141	ISSUED BY: OFFICE OF FACILITY MANAGEMENT AMP-400 REF DWG A501 SHT NAME SKA-29

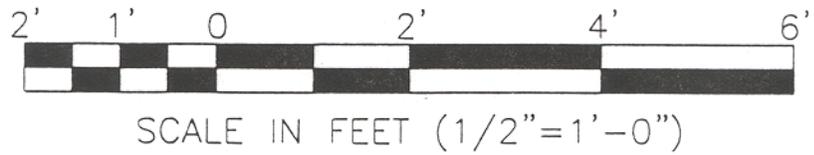
Drawing name: S:\3000\2909\20_CAD\MOD-BUILDING\Addendum 1\sko-30.dwg Plot Time: Aug 23, 2002 - 3:25pm Plotted by: kdthomas

NOTE: ALL SURFACES OF MILLWORK TO BE .048" THICK HIGH-PRESSURE LAMINATE.



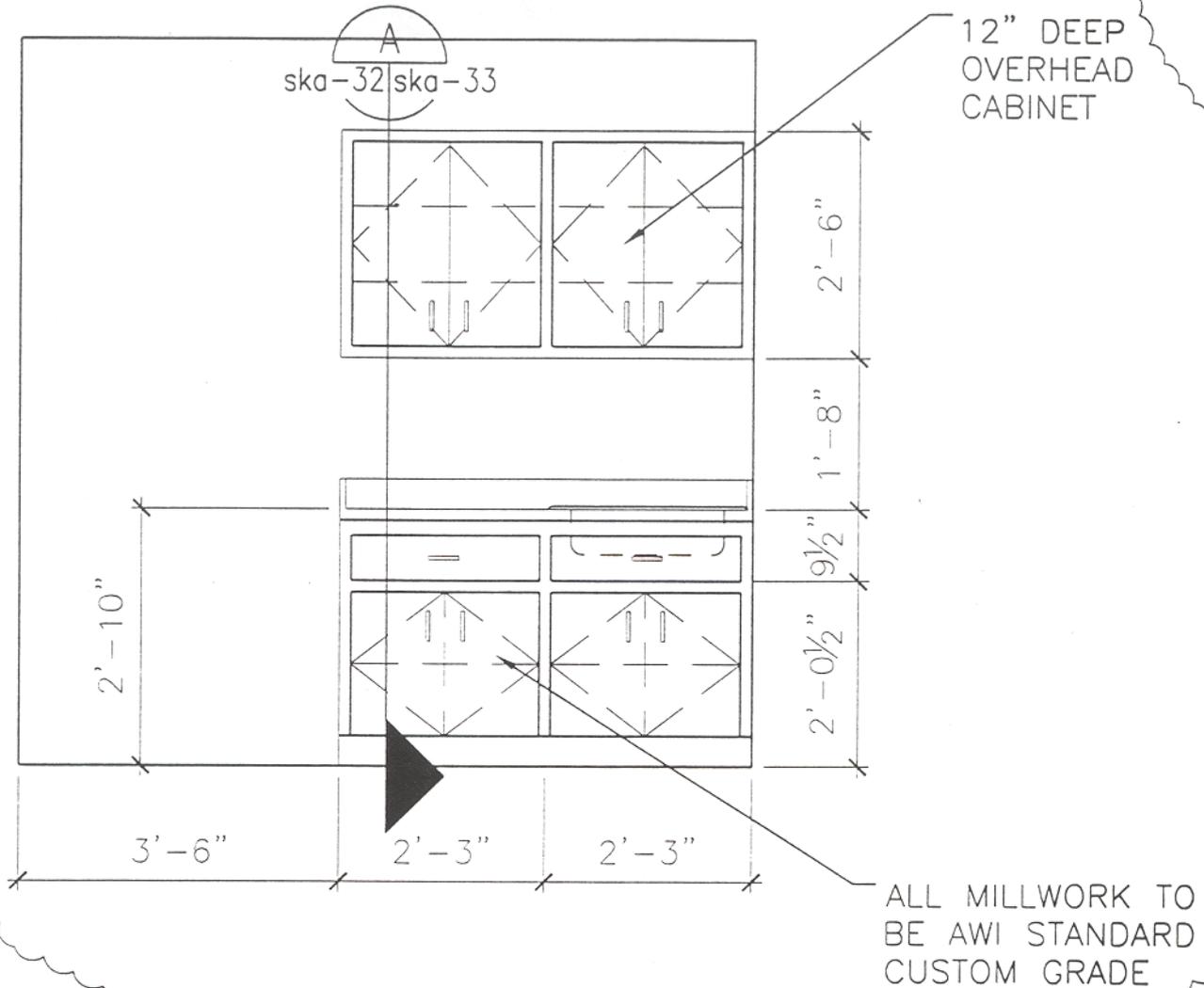
ALL MILLWORK TO BE AWI STANDARD CUSTOM GRADE

2 COFFEE BAR ELEVATION / BUILDING #1
 A501 ska-30 SCALE: 1/2" = 1'-0"



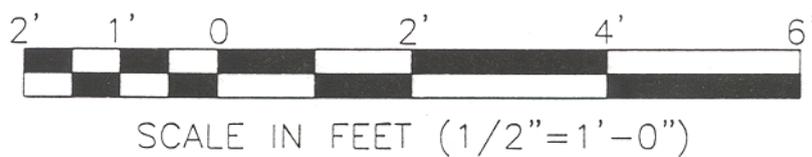
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA		REV DATE DESCRIPTION CHECK APP'D	
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I COFFEE BAR ELEVATION-BLDG. 1		PREPARED BY ATKINS BENHAM, INC. <small>1440 NORTH BRIDGEMAN OKLAHOMA CITY, OKLAHOMA 405/478-5383 www.atkinsbenham.com</small>	APPROVED BY JON BERKMAN
		DESIGNED BY: TB DRAWN BY: KT WORK ORDER NO. 99-0141	ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400
		DATE: 08/27/02 DRAWING NO. AMP-400-E-1059	REF DWG A501 SHT NAME SKA-30

NOTE: ALL SURFACES OF MILLWORK TO BE .048" THICK HIGH-PRESSURE LAMINATE.



ALL MILLWORK TO BE AWI STANDARD CUSTOM GRADE

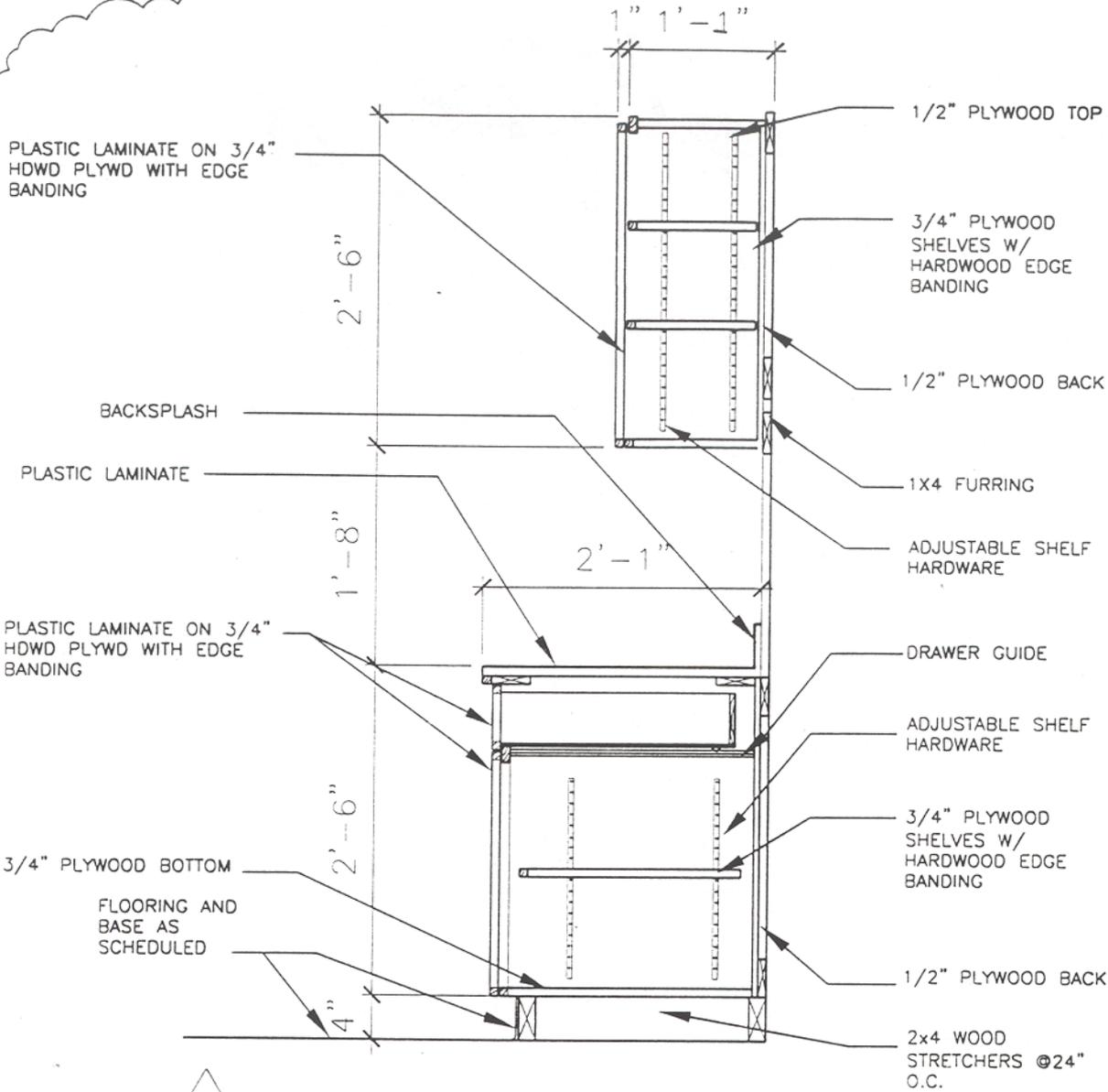
4 COFFEE BAR ELEVATION / BUILDING #3
 A501|ska-32 SCALE: 1/2" = 1'-0"



DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA		REV	DATE	DESCRIPTION	CHECK	APP'D
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I COFFEE BAR ELEVATION-BLDG. 3		REVIEWED BY	PREPARED BY	APPROVED BY	JON BERKMAN	
			ATKINS BENHAM, INC. 9400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-3353 www.atkinsbenham.com	ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400	DATE: 05/27/02 DRAWING NO. AMP-400-E-1059	REF DWG A501 SHT NAME SKA-32
			DESIGNED BY: TB DRAWN BY: KT			
		WORK ORDER NO.	99-0141			

Drawing name: S:\30002909\20_CAD\MOD-BUILDING\Addendum 1\sko-32.dwg Plot Time: Aug 23, 2002 - 3:24pm Plotted by: kathomas

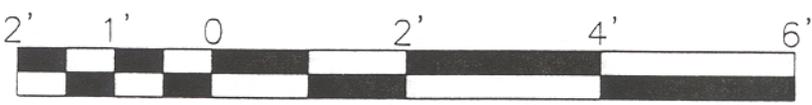
Drawing name: S:\30062909\20_CAD\MOD-BUILDING\Addendum 1\sko-33.dwg Plot Time: Aug 23, 2002 - 3:24pm Plotted by: kathomas



TYPICAL MILLWORK CABINET SECTION

SKA-28 | SKA-33
 ska-30
 ska-31
 ska-32

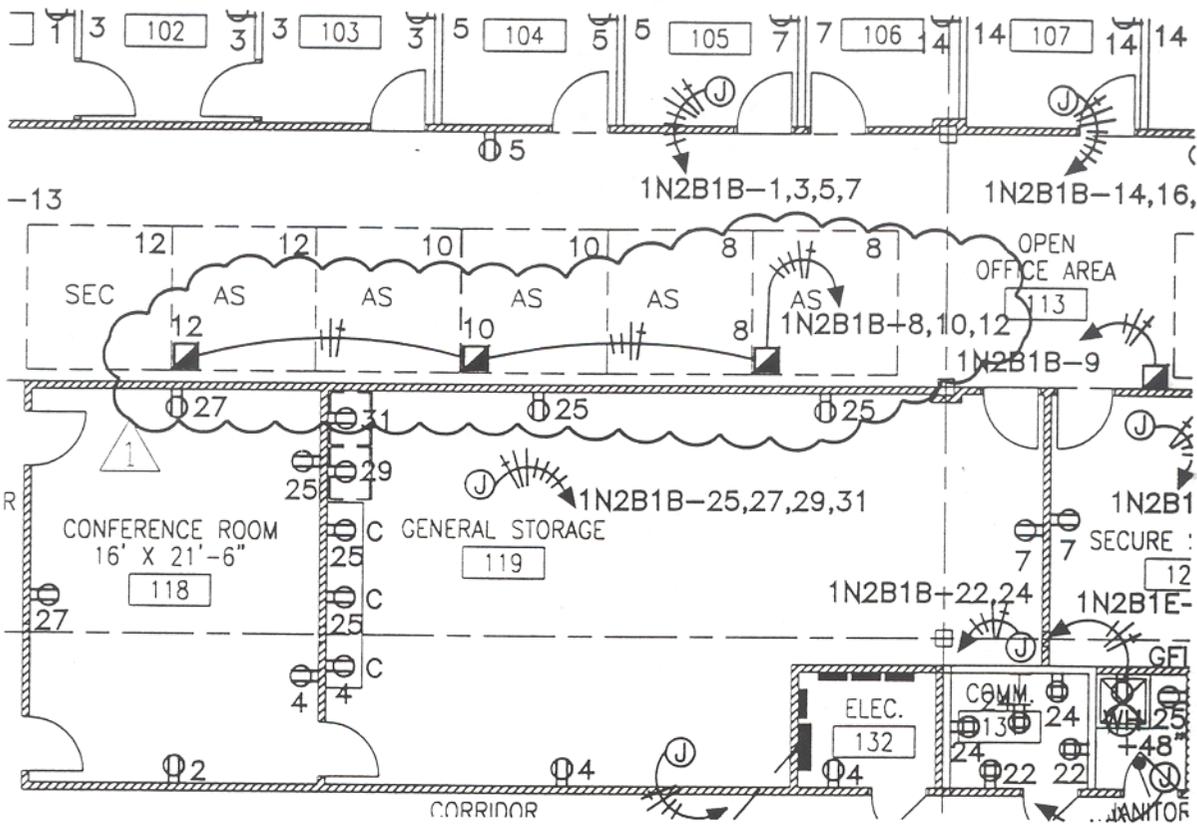
SCALE: 3/4" = 1'-0"



SCALE IN FEET (3/4" = 1'-0")

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA		REV DATE DESCRIPTION CHECK APP'D	
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I TYPICAL MILLWORK CABINET SECTION		REVIEWED BY PREPARED BY DESIGNED BY: TB DRAWN BY: KT WORK ORDER NO. 99-0141	ATKINS BENHAM, INC. 9400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-5353 www.atkinsbenham.com ISSUED BY FACILITY MANAGEMENT AMP-400 APPROVED BY JON BERKMAN DATE: 08/27/02 DRAWING NO. AMP-400-E-1059
		REF DWG A501	SHT NAME SKA-33

Drawing name: S:\30002909\20_CAD\MOD-BUILDING\Addendum 1\ske-01.dwg Plot Time: Aug 23, 2002 - 10:45am Plotted by: glontogne



POWER PLAN
 SCALE: 3/32" = 1'-0"



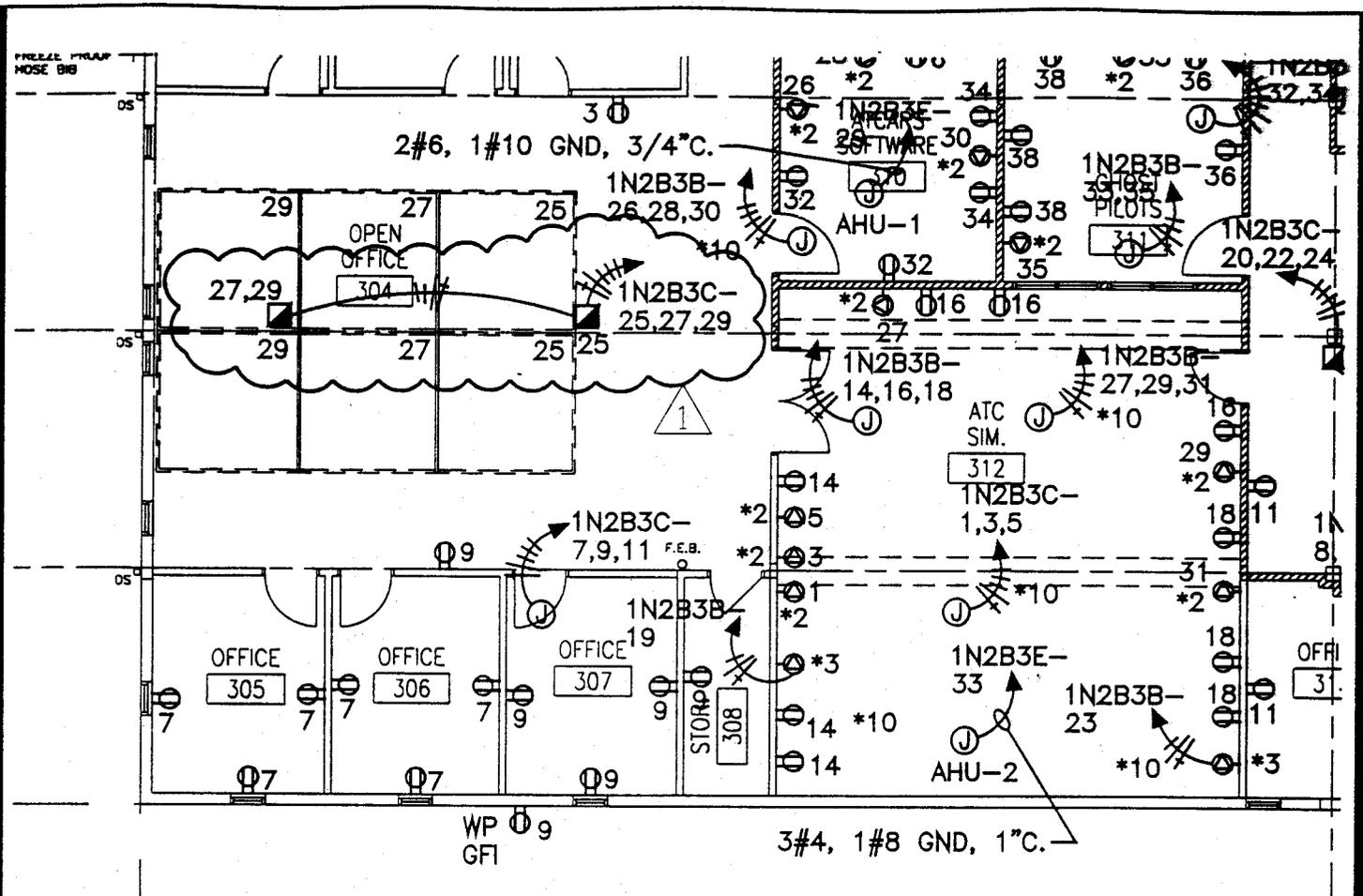
DEPARTMENT OF TRANSPORTATION
 FEDERAL AVIATION ADMINISTRATION
 MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA

CIVIL AEROSPACE MEDICAL INSTITUTE
 MODULAR STAGING FACILITIES
 PHASE I - ADDENDUM I
 POWER PLAN

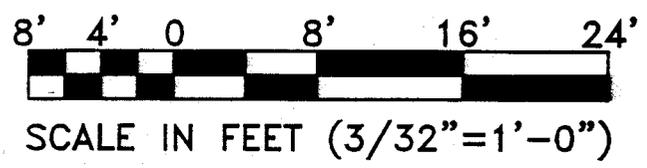
REV	DATE	DESCRIPTION	CHECK	APP'D

REVIEWED BY DESIGNED BY: DM DRAWN BY: GL WORK ORDER NO. 99-0141	PREPARED BY ATKINS BENHAM, INC. <small>5400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-5353 www.atkinsbenham.com</small> ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400	APPROVED BY JON BERKMAN DATE: 08/27/02 DRAWING NO. AMP-400-E-1059	REF DWG E101 SHT NAME SKE-01
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Drawing name: S:\30002909\20...CAD\MOD-BUILDING\Addendum 1\ske-02.dwg Plot Time: Aug 23, 2002 - 10:45am Plotted by: giannagne

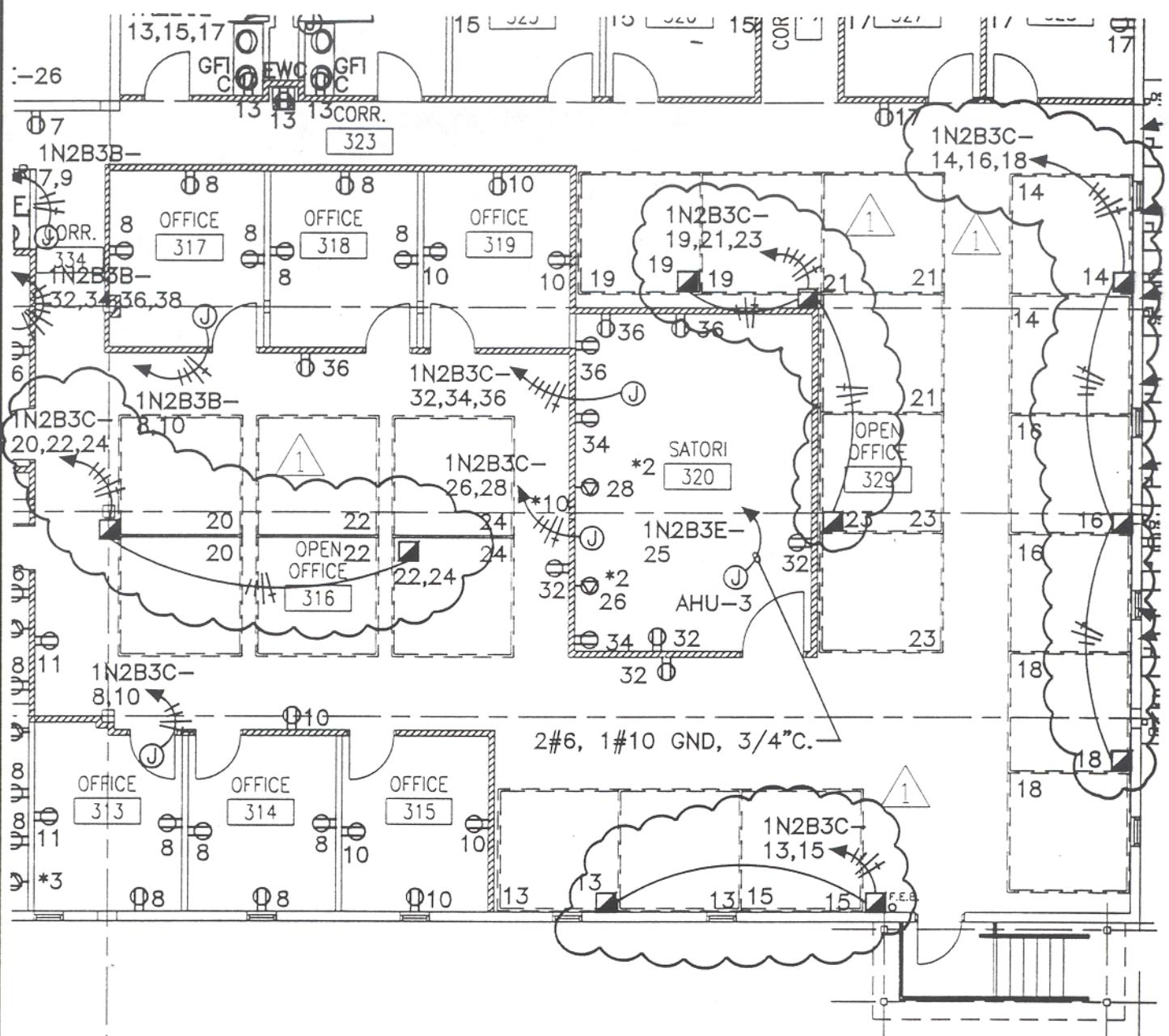


1
E101E101
POWER PLAN
 SCALE: 3/32" = 1'-0"

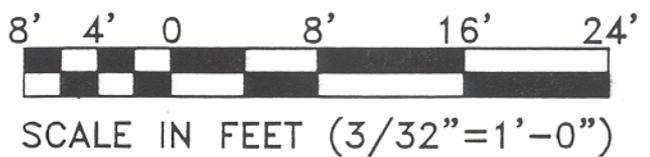


DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA							
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I POWER PLAN		REVIEWED BY: _____ PREPARED BY: ATKINS BENHAM, INC. <small>3400 NORTH GREENWAY OKLAHOMA CITY, OKLAHOMA 405/478-2383 www.atkinsbenham.com</small>	APPROVED BY: JON BERKMAN DATE: 08/27/02	CHECK: _____ APP'D: _____	REF DWG: E-101 SHT NAME: SKE-02		
DESIGNED BY: DM DRAWN BY: GL WORK ORDER NO. 99-0141		ISSUED BY: OFFICE OF FACILITY MANAGEMENT AMP-400	DRAWING NO. AMP-400-E-1059				

Drawing name: S:\30002909\20 CAD\MOD-1\BUILDING\Addendum 1\skt-03.dwg Plot time: Aug 23, 2002 - 10:45am Plotted by: gluntnoge



POWER PLAN
SCALE: 3/32" = 1'-0"



DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA		REV DATE DESCRIPTION CHECK APP'D		
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I POWER PLAN		REVIEWED BY:	PREPARED BY: ATKINS BENHAM, INC. <small>3408 NORTH BROOKHURST OKLAHOMA CITY, OKLAHOMA 405/478-3353 www.atkinsbenham.com</small>	APPROVED BY: JON BERKMAN
		DESIGNED BY: DM DRAWN BY: GL	ISSUED BY: OFFICE OF FACILITY MANAGEMENT AMP-400	DATE: 08/27/02 DRAWING NO. AMP-400-E-1059
		WORK ORDER NO. 99-0141		REF DWG E-101 SHT NAME SKE-03

PANEL 1N2B3D		SECTION 1	208Y/120 VOLTS, 3 PH.		4 WIRE, 225 AMP BUS, 225 AMP MLO			
10.000 RMS SYM. A.I.C.,		FEEDER SIZE SEE DRAWING E601	ENCLOSURE TYPE NEMA 1					
MOUNTING SURFACE		LOCATION ELECTRICAL ROOM 332						
E - EQUIPMENT, L - LIGHTS, M - MECHANICAL, MCB - MAIN CIRCUIT BREAKER, MCS - MOLDED CASE SWITCH, MLO - MAIN LUGS ONLY, R - RECEPTACLE, SC - SPARE CIRCUIT, SO - SPACE ONLY								
NO.	CIRCUIT USE	CCT BKR	CONNECTED LOAD VA			CCT BKR	CIRCUIT USE	NO.
			A	B	C			
1	L. RM. 301,302,303,309 331,332D,333D	1P 20	795 1200				L. RM. 312 *	2
3	L. RM. 304 *	1P 20		< 1200 1000		1P 20	L. RM. 313,314, 315, 320	4
5	L. RM. 305,306,307 308,310,311	1P 20		< 1500 600		20 1P	L. RM. 317,318,319	6
7	L. RM. 316	1P 20	1200 1060			20 1P	L. RM. 322,324,325 326,327,328	8
9	L. RM. 329 *	1P 20		< 800 420		20 1P	L. EXTERIOR *	10
11	L. RM. 329 *	1P 20		< 1200 630		20 1P	L. RM. 309,323, 334,335 *	12
13	L. RM. 312	1P 20	960			20 1P	SC	14
15	L. RM. 329	1P 20		< 600		20 1P	SC	16
17	SC	1P 20		<		20 1P	SC	18
19	SC	1P 20		>		20	SO	20
21	SC	1P 20		<			SO	22
23	SC	1P 20		<			SO	24
25	SO						SO	26
27	SO			<			SO	28
29	SO			<			SO	30
31	SO			>			SO	32
33	SO			<			SO	34
35	SO			<			SO	36
37	SO			>			SO	38
39	SO			<			SO	40
41	SO			<			SO	42
			5215	4020	3930			
			13165					
TOTAL CONNECTED LOAD (kVA):		13.17		DEMAND LINE AMPS:		36.57		
TOTAL DEMAND LOAD (kVA):		13.17						
NOTES:						1		
* - PROVIDE A LOCKING TAB FOR BREAKER								
PANEL - SQUARE D, TYPE NQOD OR EQUAL								

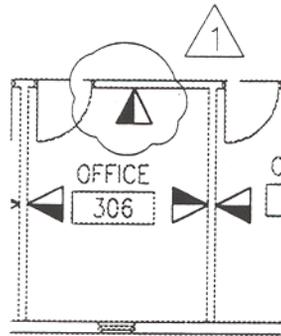
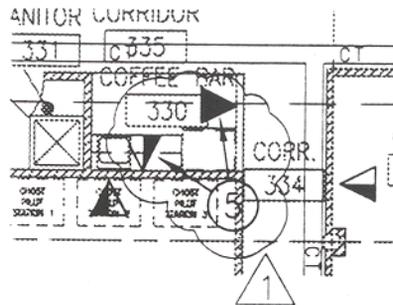
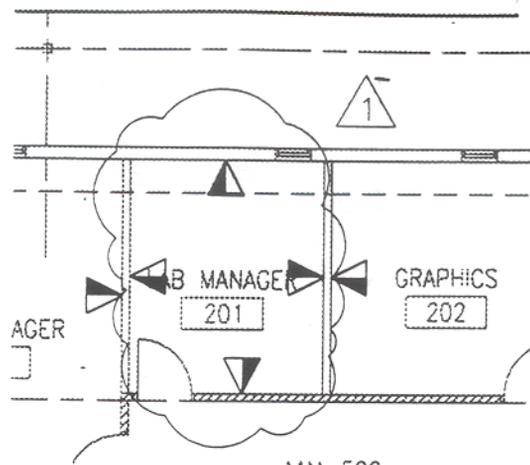
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MIKE MONROEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA

CIVIL AEROSPACE MEDICAL INSTITUTE
MODULAR STAGING FACILITIES
PHASE I - ADDENDUM I
PANELBOARD SCHEDULES - BUILDING THREE

REV	DATE	DESCRIPTION	CHECK	APP'D
REVIEWED BY	PREPARED BY	ATKINS BENHAM, INC. 1400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-5333 www.atkinsbenham.com	APPROVED BY	JON BERKMAN
DESIGNED BY: DM	ISSUED BY	OFFICE OF FACILITY MANAGEMENT	DATE: 08/27/02	REF DWG E-604
DRAWN BY: RM	AMP-400		DRAWING NO. AMP-400-E-1059	SHT NAME SKE-04
WORK ORDER NO. 99-0141				

Drawing name: S:\00002903\20_CAU\MOD-BUILDING\Addendum 1\Ske-04.dwg Plot time: Aug 23, 2002 - 10:45am Plotted by: glantagne

Drawing name: S:\30002909\20_CAD\MOD-BUILDING\Addendum 1\skt-01.dwg Plot Time: Aug 23, 2002 - 9:55am Plotted by: droberts



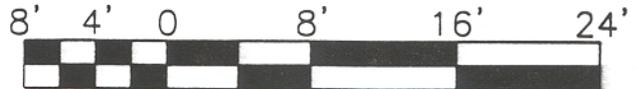
② 3-4" CONDUITS TO TELECOMM MANHOLE. FOR CONTINUATION SEE SHEET C107.



1
T101 T101

COMMUNICATION PLAN MODULAR BUILDING 1,2 & 3

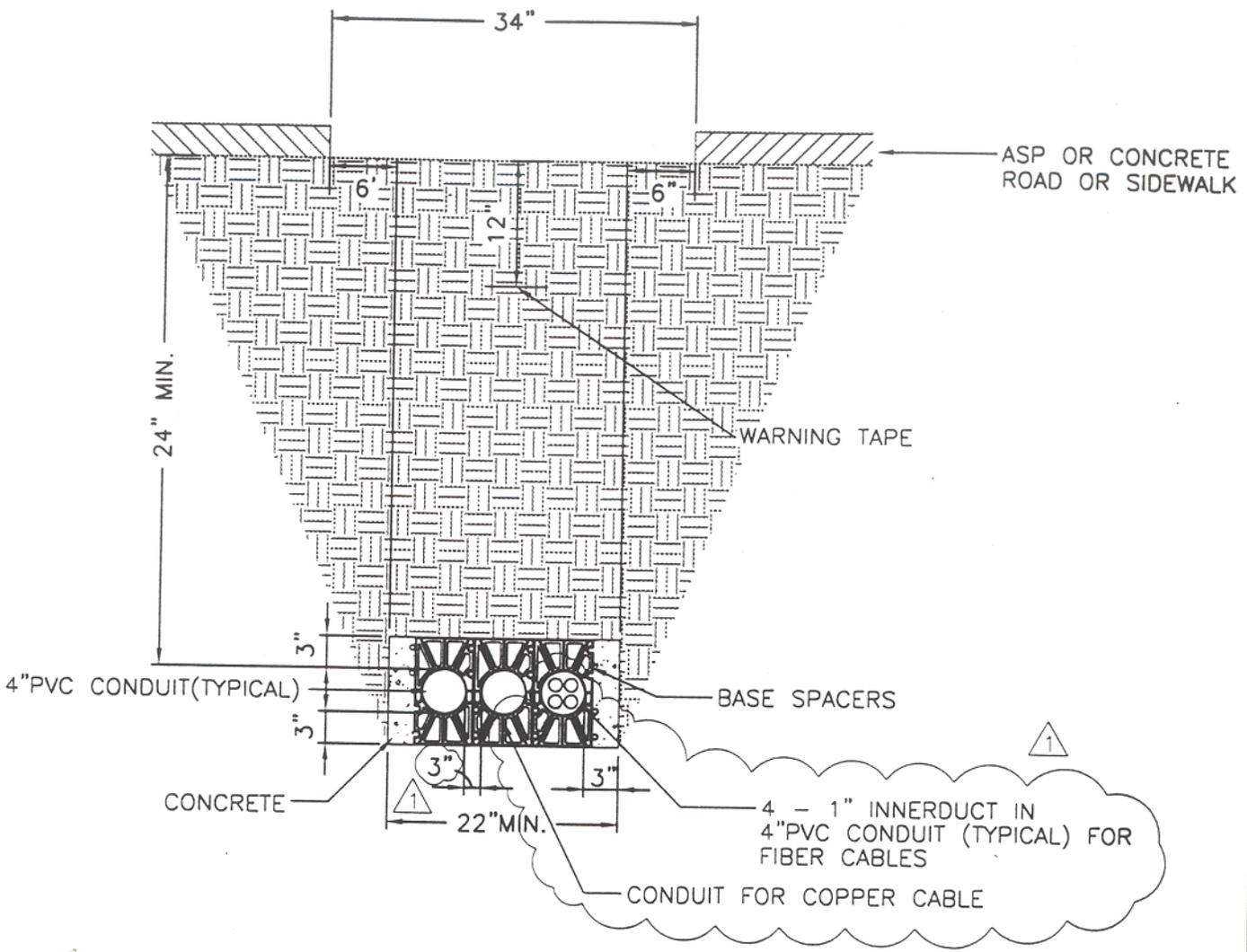
SCALE: 3/32" = 1'-0"



SCALE IN FEET (3/32"=1'-0")

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA		REV	DATE	DESCRIPTION	CHECK	APP'D
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I COMMUNICATION PLAN		REVIEWED BY	PREPARED BY ATKINS BENHAM, INC. <small>8400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-6383 www.atkinsbenham.com</small>		APPROVED BY JON BERKMAN	
		DESIGNED BY: SG	ISSUED BY: OFFICE OF FACILITY MANAGEMENT		DATE: 08/27/02	REF DWG: T101
		DRAWN BY: DR	AMP-400		DRAWING NO. AMP-400-E-1059	SHT NAME: SKT-01
		WORK ORDER NO. 99-0141				

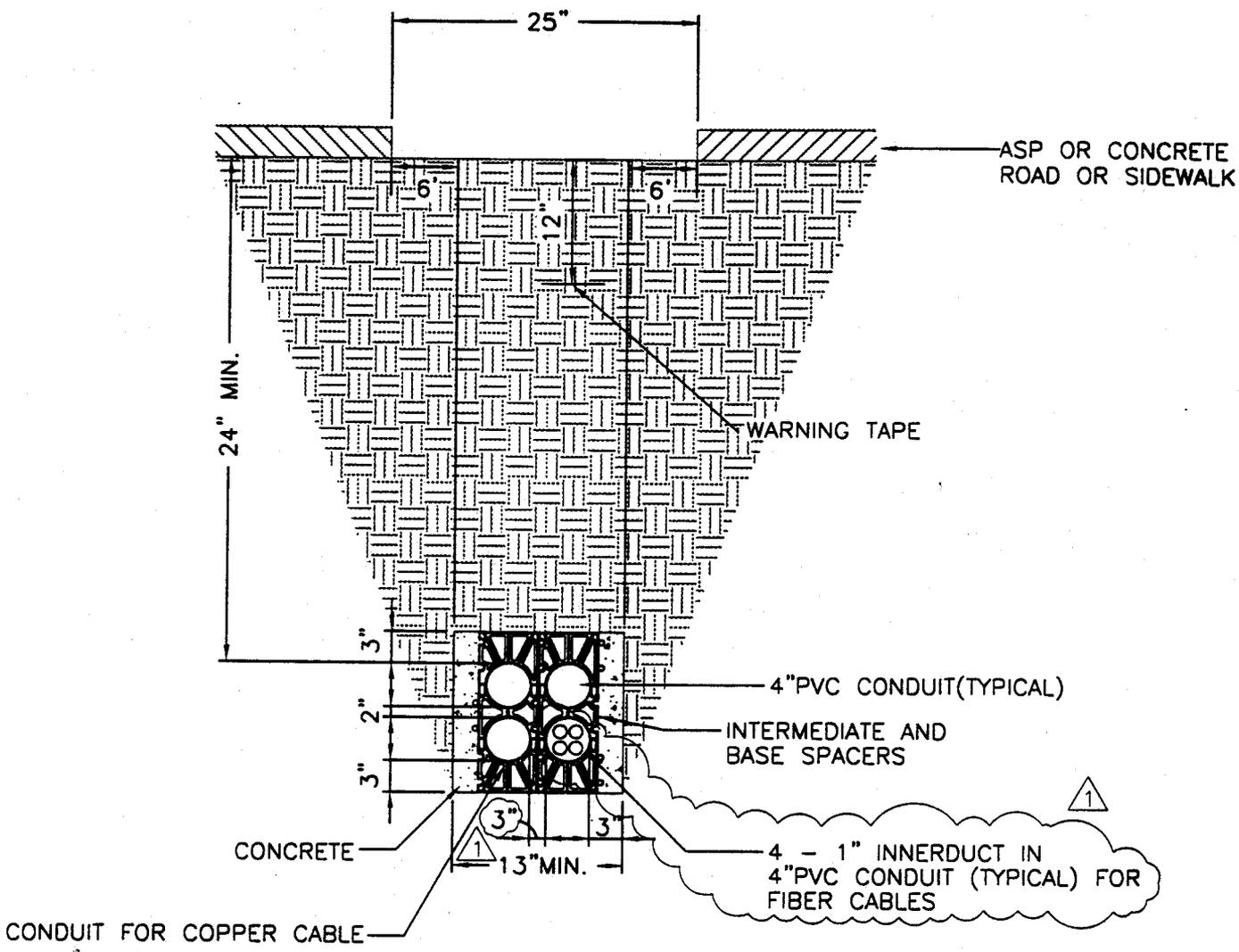
Drawing name: S:\30002909\20_CAD\MOD-BUILDING\Addendum 1\skt-06.dwg Plot Time: Aug 23, 2002 - 10:10am Plotted by: droberbts



2
TYPICAL 3-WAY CONCRETE ENCASED DUCT BANK COMM
 T503/C201,C107 SCALE: NONE

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA							
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I COMMUNICATION DETAILS		REVIEWED BY _____ _____ _____	PREPARED BY ATKINS BENHAM, INC. <small>9405 NORTH BRIDGEMONT OKLAHOMA CITY, OKLAHOMA 405/478-5383 www.atkinsbenham.com</small>	APPROVED BY JON BERKMAN		DATE: 08/27/02	REF DWG T503
		DESIGNED BY: SG	ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400	DRAWING NO. AMP-400-E-1059		SHT NAME SKT-06	WORK ORDER NO. 99-0141

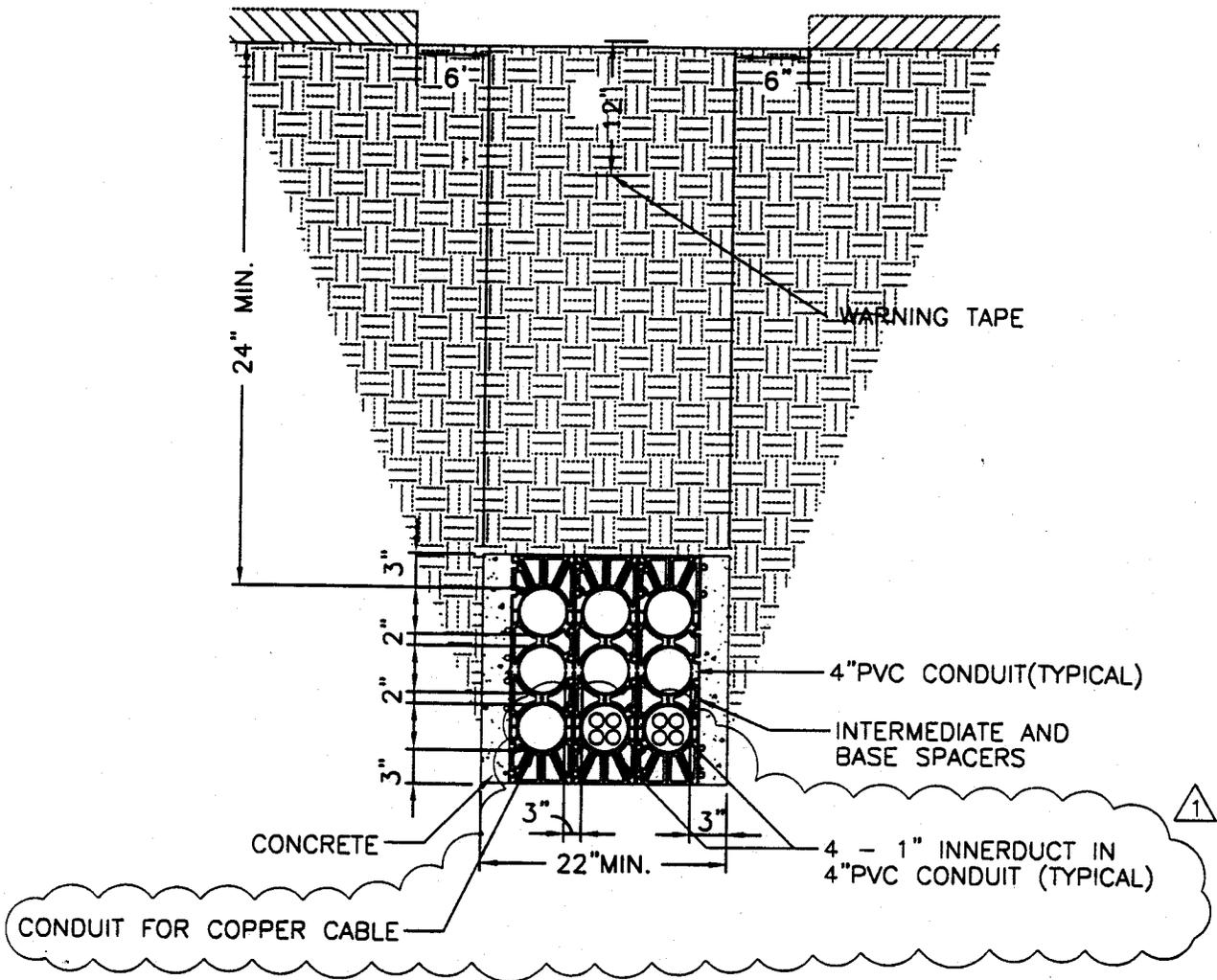
Drawing name: S:\30002909\20_CAD\MOD-BUILDING\Addendum 1\skt-07.dwg Plot time: Aug 23, 2002 - 10:10am Plotted by: droberts



3 TYPICAL 4-WAY CONCRETE ENCASED DUCT BANK COMM
 T503|C204 SCALE: NONE

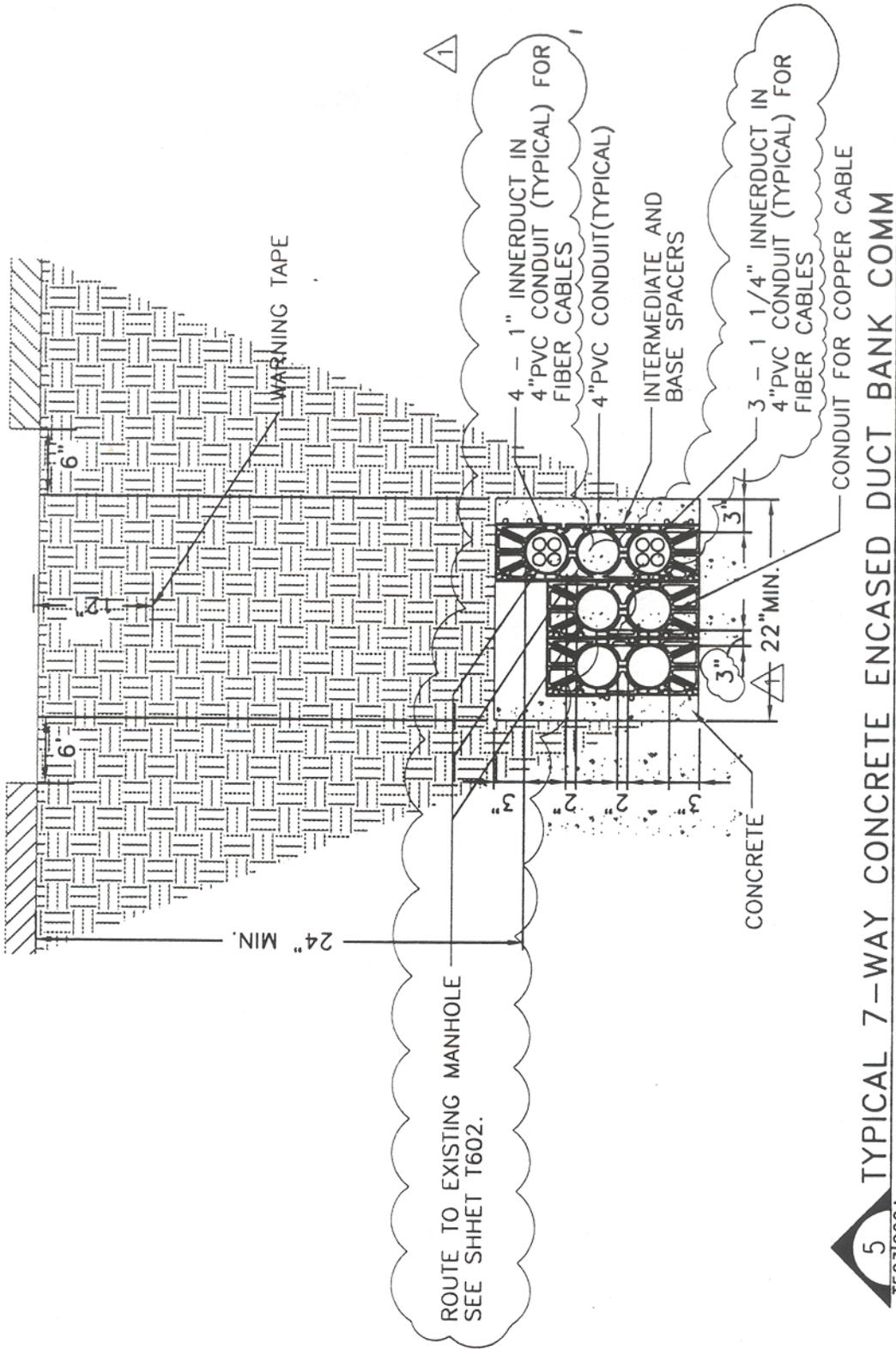
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA		REV DATE DESCRIPTION CHECK APP'D	
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I COMMUNICATION DETAILS		REVIEWED BY PREPARED BY ATKINS BENHAM, INC. <small>3800 NORTH BRIDGEMAN OKLAHOMA CITY, OKLAHOMA 405/478-2383</small>	APPROVED BY JON BERKMAN
		DESIGNED BY: SG DRAWN BY: DR WORK ORDER NO. 99-0141	ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400
		DATE: 08/27/02 DRAWING NO. AMP-400-E-1059	REF DWG T503 SHT NAME SKT-07

Drawing name: S:\30002909\20_CAD\M00-BUILDING\Addendum 1\skt-08.dwg Plot Time: Aug 23, 2002 - 10:10am Plotted by: droberts



4 TYPICAL 9-WAY CONCRETE ENCASED DUCT BANK COMM
 T503|T102,C201,C202,C203 SCALE: NONE

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA		REV	DATE	DESCRIPTION	CHECK	APP'D
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - ADDENDUM I COMMUNICATION DETAILS		REVIEWED BY	PREPARED BY		APPROVED BY	
			ATKINS BENHAM, INC. <small>6400 NORTH BRIDGEMAN OKLAHOMA CITY, OKLAHOMA 405/470-6300 www.atkinsbenham.com</small>		JON BERKMAN	
			DESIGNED BY: SG	ISSUED BY	DATE: 08/27/02	REF DWG
			DRAWN BY: DR	OFFICE OF	DRAWING NO.	T503
	WORK ORDER NO. 99-0141	FACILITY MANAGEMENT	AMP-400	AMP-400-E-1059	SHT NAME	SKT-08



5 TYPICAL 7-WAY CONCRETE ENCASED DUCT BANK COMM
 T503/C204 SCALE: NONE

DEPARTMENT OF TRANSPORTATION
 FEDERAL AVIATION ADMINISTRATION
 MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA

CIVIL AEROSPACE MEDICAL INSTITUTE
 MODULAR STAGING FACILITIES
 PHASE I - ADDENDUM I
 COMMUNICATION DETAILS

REV	DATE	DESCRIPTION	CHECK	APP'D

REVIEWED BY _____ DESIGNED BY: SG DRAWN BY: DR WORK ORDER NO. 99-0141	PREPARED BY ATKINS BENHAM, INC. <small>3405 NORTH BRIDGEMAN OKLAHOMA CITY, OKLAHOMA 405/478-5383 www.atkinsbenham.com</small> ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400	APPROVED BY JON BERKMAN DATE: 08/27/02 DRAWING NO. AMP-400-E-1059	REF DWG T503 SHT NAME SKT-09
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This ADDENDUM shall modify and take precedence over the original Drawings and Specifications and is hereby made a part of the Contract Documents for the above referenced Project.

Please note that there are drawings attached to this Addendum. Numbers SKA 19, 20, 21, 25 and 27 were not used and are NOT missing from this Addendum.

SPECIFICATIONS:

Item 1-1 Reference Section 01100 - Summary, Part 1 – General, 1.2.C. Delete the first sentence and replace it with the following sentences. The rest of the description of the work is to remain as indicated in the specification:

The Work consists of the construction, transport shipping and erection of twenty-seven (27) pre-manufactured modular mobile units to comprise three separate modular buildings consisting of nine (9) units each. These three structures are noted as Modular Buildings #1, #2, and #3.

Item 1-2 Reference Section 01100 – Make the following changes:

- a. Summary, Part 1 – General, 1.4.A.1. Insert *180 Calendar Day* in the notation "Insert number of days."
- b. Summary, Part 1 – General, 1.6. Delete this paragraph in its entirety, and renumber the following paragraphs.

Item 1-3 Reference Section 01210 - Allowances, Part 1 – General, 1.2.B. Make the following change:

Delete items 2. Contingency allowance, and Item 3. Testing and inspecting allowance.

Item 1-4 Reference Section 01210 - Allowances, Part 3 – Execution, 3.3 Schedule of Allowances. Add the following information:

*Add the sum of \$12,000 to Item A – Gas Line.
Add the sum of \$12,600 to Item B – Furniture Panels.
Delete the phrase "as shown on Construction Documents" at item B only.*

Item 1-5 Reference Section 01230 - Options, Part 3 – Execution, 3.1 – Schedule of Options. Delete the Schedule shown in the specification and replace with the following:

- A. **Option No. 1** – Not Used.
- B. **Option No. 2** – Provide parabolic light fixtures equal to Lithonia #2PM3N-G-B-3-3-32-18LD-120 with electronic ballast in lieu of prismatic fixtures for Type A light fixtures.
- C. **Option No. 3** – Extend the cabling and duct bank from new manhole located outside CAMI to the new manhole located outside the existing Aviation Records Building. Include terminations of all cables in communications room in each building as indicated in the drawings.
- D. **Option No. 4** – Provide the specified Carpet Tile in lieu of the standard Modular Building Manufacturer's roll goods.
- E. **Option No. 5** – Not Used.

F. Option No. 6 – Not Used.

Item 1-6 Reference Section 02584 Section 3.3.F. Replace sentence "Building Entrances: Make a transition from underground duct to conduit at least 10 feet outside the building wall." With "*Building Entrances: Make a transition from underground duct to conduit at least 4 feet outside the building wall.*"

Item 1-7 Reference Section 06100 - Rough Carpentry, Part 2 Products, Paragraph 2.13.C. Stainless Steel Sheets. Delete existing sentence, and replace with the followings:

ASTM A 666, Type 304.

Item 1-8 Reference Section 09511 - Acoustical Ceiling Panels, Part 3 – Execution, 3.1.C. Delete subparagraphs 3.1.C.1 & 2.

Item 1-9 Reference Section 13127 - Portable and Mobile Buildings. Make the following changes:

A. Part 1 – General. Make the following changes:

1. Reference Paragraph 1.4 System Performance Requirements, Item C.4 – add "*and as indicated in the drawings.*" to the end of the sentence.
2. Reference Paragraph 1.4 System Performance Requirements, Item E.7– Deflection Limits: Engineer assemblies to withstand design loads with deflection no greater than the following: Delete items a to h and replace with the following:
 - a. *"Purlins and Rafters: Vertical deflection of L/240 of the span.*
 - b. *Girts: Horizontal deflection of L/240 of the span.*
 - c. *Roof Panels: Vertical deflection of L/240 of the span.*
 - d. *Wall Panels: Horizontal deflection of L/240 of the span."*

3. Reference Paragraph 1.5 Submittals, Item B.7, delete a. Ventilators, and re-letter b, c & d to a, b & c. Also, Delete 1.5.D.1 Roof Panels in its entirety.

4. Reference Paragraph 1.6 Quality Assurance, Item L. Delete item L completely and re-letter item M to now be L.

5. Reference Paragraph 1.8 Project Conditions, Item B.1. Delete item 1 completely and re-letter item 2 to now be 1.

B. Part 2 – Products: Make the following changes:

1. Reference Paragraph 2.4 Insulation Materials, Item B. Delete ... "*thickness as indicated*"..., and replace with the following: "*minimum R-Value, R-30 Roof, R-19 Walls and R-19 in the floors*".....

2. Reference Paragraph 2.4 Insulation Materials. Add the following: G. *Provide a code required rodent protection to the underside of each modular unit.*

This ADDENDUM shall modify and take precedence over the original Drawings and Specifications and is hereby made a part of the Contract Documents for the above referenced Project.

ADDENDUM NO. 1 CLARIFICATIONS:

- Item 2-1 Reference Addendum No. 1. Add to the title Amendment No.2 so the heading reads "*Amendment No. 2 – ADDENDUM No. 1.*"
- Item 2-2 Reference Addendum No. 1, Sheet SKG-01. Delete that sheet and replace with attached Addendum No. 2 Revised Sheet SKG-01
- Item 2-3 Reference Addendum No. 1, Item 1-5B. Change the light fixture number under option 2 from #2PM3-G-B-3-3-32-18LD-120 to "*#2PM3-G-B-3-3-32-18LD-120.*"
- Item 2-4 Reference Addendum No. 1, Item 1-20 a & c: Change the phrase in 'a'at north end of Building No. 1.... To "*....at north end of Building No. 2.....*" Delete note 'c' in its entirety. Re-letter the last two notes to 'c' and 'd'.
- Item 2-5 Reference Addendum No. 1, Item 1-36 c. Add the following sentence: Also, change the frame material for Door Nos. 110A and 329A from Aluminum to Hollow Metal.
- Item 2-6 Reference Addendum No. 1, Item 1-50. The last two words of this note should be "Detail #4" in lieu of "Detail #5".
- Item 2-7 Reference Addendum No. 1, Sheet SKC-06. Delete the lower portion of the sheet that is a quick coupler detail. Add the attached Addendum No. 2 sheet *SKC-01 Quick Coupler Detail No. 9.*
- Item 2-8 Reference Addendum No. 1, Sheet SKC-08. Delete this sheet in its entirety, and replace with the attached Addendum No.2 sheet *SKC-02.*
- Item 2-9 Reference Addendum No. 1, Items 1-29.g & 1-30.b. Change Sheet referenced for dimensions of deck no. 6 and plans for decks 5 & 6 from Sheet SKA-26 to SKA-13.
- Item 2-10 Reference Addendum No. 1, Sheet SKA-26. The elevation reference indicate sheet 27. The correct Sheet is SKA-29.
- Item 2-11 Reference Addendum No. 1, Sheets SKA-26 and SKA-29. Delete those sheets and replaced with the attached Addendum No. 2 Sheets *SKA-05 and SKA-06* which deal with the millwork in rooms 215 and 216.
- Item 2-12 Reference Addendum No. 1, Item 1-24.c.1, 2, 3 & 4. Delete those notes in their entirety and replace with the following:
- "1. Refer to the reference bubble at Deck #1. Add a second reference bubble directly below the existing bubble with the following information, *Detail 2, on Sheet 405.*" Note Sheet 404 has the deck plan and 405 has the deck framing plan."

- "2. Refer to the reference bubble at Deck #2. Add a second reference bubble directly below the existing bubble with the following information, Detail 3, on Sheet 405." Note Sheet 404 has the deck plan and 405 has the deck framing plan."
- "3. Refer to the reference bubble at Deck #3. Change the top number to 4, and add a second reference bubble directly below the existing bubble with the following information, Detail 4 on Sheet 405." Note Sheet 404 has the deck plan and 405 has the deck framing plan."
- "4. Refer to the reference bubble at Deck #4. Add a second reference bubble directly below the existing bubble with the following information, Detail 5, on Sheet 405." Note Sheet 404 has the deck plan and 405 has the deck framing plan."
- "5. Refer to the reference bubble at Deck #6. Delete the designation "SIM" and replace with "OPPOSITE HAND."

Item 2-13 Refer Addendum No. 1, Sheets SKE-01, 02 and 03. Delete those sheets in their entirety and replace attached Addendum No. 2 Sheets REVISED Sheets SKE-01, 02 and 03.

Item 2-14 Refer Addendum No. 1, Sheet SKA-11. Delete that sheet in its entirety, and replace with attached Addendum No. 2 Sheet SKA-04

SPECIFICATION:

Item 2-15 Add the following to Section 13127 Portable and Mobile Buildings under Part 5 – Electrical, Responsibility Chart:

<i>"DESCRIPTION</i>	<i>FURNISHED BY</i>	<i>MOUNTED BY</i>	<i>WIRED BY</i>
<i>Cable Tray</i>	<i>MFR</i>	<i>MFR</i>	<i>EC</i>

Item 2-16 Refer to Section 13127 Portable and Mobile Buildings under Part 5 – Electrical, Responsibility Chart, page 13127-36. Add the following "note" in the last column for the Telephone wiring, Telephone jacks, Telephone Terminal Board and associated cross-connects, etc., Data wiring, and Data jacks:

"Installation and terminations must be made by a certified telecommunications specialist employed by the Electrical Contractor."

Item 2-17 Revise paragraph 3.1.A.2 of Section 16130, regarding Concealed RMC as follows:

"Concealed: RMC – Conduits concealed below grade in the earth shall be field wrapped with 0.010 inch thick pipe-wrapping plastic tape applied with a 50% overlay, or shall have a factory-applied polyvinyl chloride, plastic resin, or epoxy coating system."

ARCHITECTURAL:

Item 2-18 Reference Sheet A402. Delete Note 1 from the bottom right-hand corner of the sheet.

Item 2-19 Reference Sheet A402. Revise Rooms 217-ADP Workroom and 216-Computer Assessment as indicated on the attached Addendum No. 2 sheet SKA-01 & SKA-02.

- Item 2-20 Reference Sheet A402, Room 210 Unassigned. Add attaché Addendum No. 2 sheet SKA-03, which indicates furniture panels supplied by the FAA, but shown here for coordination purposes.
- Item 2-21 Reference Sheet A405. Change detail number of Decks #5 & #6 at the top right hand corner of the sheet from 3 to "6."

ELECTRICAL:

- Item 2-22 Reference Sheet E101. Change receptacle layout in Rooms 217, 216, and 215 to the layout shown in attached sketch SKE-04.
- Item 2-23 Reference Sheet E101. Add service power poles to the Unassigned Rm. 210 as shown in attached sketch SKE-06.
- Item 2-24 Reference Sheet E102. Change light fixture layout in Rooms 217 and 216 to the layout shown in attached sketch SKE-05.

TELECOMMUNICATIONS:

- Item 2-25 Reference Sheet T102. Modular Building #2 Room 216 modified outlet layout and added 5 new communication outlets. Room 217 modified outlet layout, no new outlets. Room 215 added three new outlets. See sheet SKT-01.
- Item 2-26 Reference Sheet T102. Modular Building #2 Room 210. Added five new communications outlets and four new communication poles. See SKT-01.
- Item 2-27 Reference Sheet T102. Keyed Note #1 has changed to "COMMUNICATIONS POLE LOCATIONS. VERIFY FINAL POLE LOCATION WITH FAA REPRESENTATIVE". See attached Addendum Sheet SKT-01.

PREBID CONFERENCE – AUGUST 29, 2002

The following items were brought up at the PreBid Conference and are clarified below:

- Item 2-28 Question: Clarify that the ceiling is to be installed on site or at the Modular Building Manufacturer's factory.

It is the intent of this project to have the ceilings installed in the various modular units at the factory and finished on site. Add the following to Section 13127 Portable and Mobile Buildings under 2.16 Interior Finishes:

- "4. Acoustical Ceilings
- a. Refer to Specification Section 09511 Acoustical Ceilings for ceiling materials requirements."

- Item 2-29 Question: If the acoustical ceilings are to be installed at the Factory, how are the Electrician's expected to get the cable tray in place?
Considering the concerned expressed by the various Electrical Contractors at this meeting, the Cable Tray will be supplied and installed by the Modular Building Manufacturer. This will also provide better coordination of the cable tray

with the mechanical ducts and equipment. Add the following to Section 13127 Portable and Mobile Buildings under Part 5 – Electrical, Responsibility Chart:

<i>"DESCRIPTION</i>	<i>FURNISHED BY</i>	<i>MOUNTED BY</i>	<i>WIRED BY</i>
<i>Cable Tray</i>	<i>MFR</i>	<i>MFR</i>	<i>EC"</i>

Item 2-30 Question: Do we really want to have concrete bases for the electrical panels? Specification Section 16071 Seismic Controls for Electrical Work was reference as requiring the noted concrete.

It is not the A/E's intent to have concrete bases at the electrical panels. We have no concrete in the Modular Building. The pad-mounted transformer outside the building requires a concrete base (See Sht. E100.) The seismic requirements shall be met with the materials specified for the particular types of materials in these three modular buildings.

Item 2-31 Question: There was a question about testing of the installed acoustical grid ceilings. Section 09511 was reference as requiring these test.

The testing requirements noted are for the ceiling materials only, which are tested by their manufacturers. That is, there is no field testing required. The materials installed in this facility must meet the testing requirements.

Item 2-32 Question: Sheet E601 indicates 4 conductors to panels 2A and 2B, shouldn't there be a fifth conductor?

No. The four conductors are the three phases and neutral. The neutral (grounded conductor) connects the grounding electrode at the service entrance and the grounding electrode at the pad-mounted transformer outside, in accordance with 2002 NEC 250.24(A)(1) and (2).

Item 2-33 Question: There is a conduit connecting to the grounding system. Should it not also be grounded?

Any metal raceways for service conductors shall be grounded in accordance with 2002 NEC 250.80.

Item 2-34 Question: What provision are there for keeping water out of the footing holes.

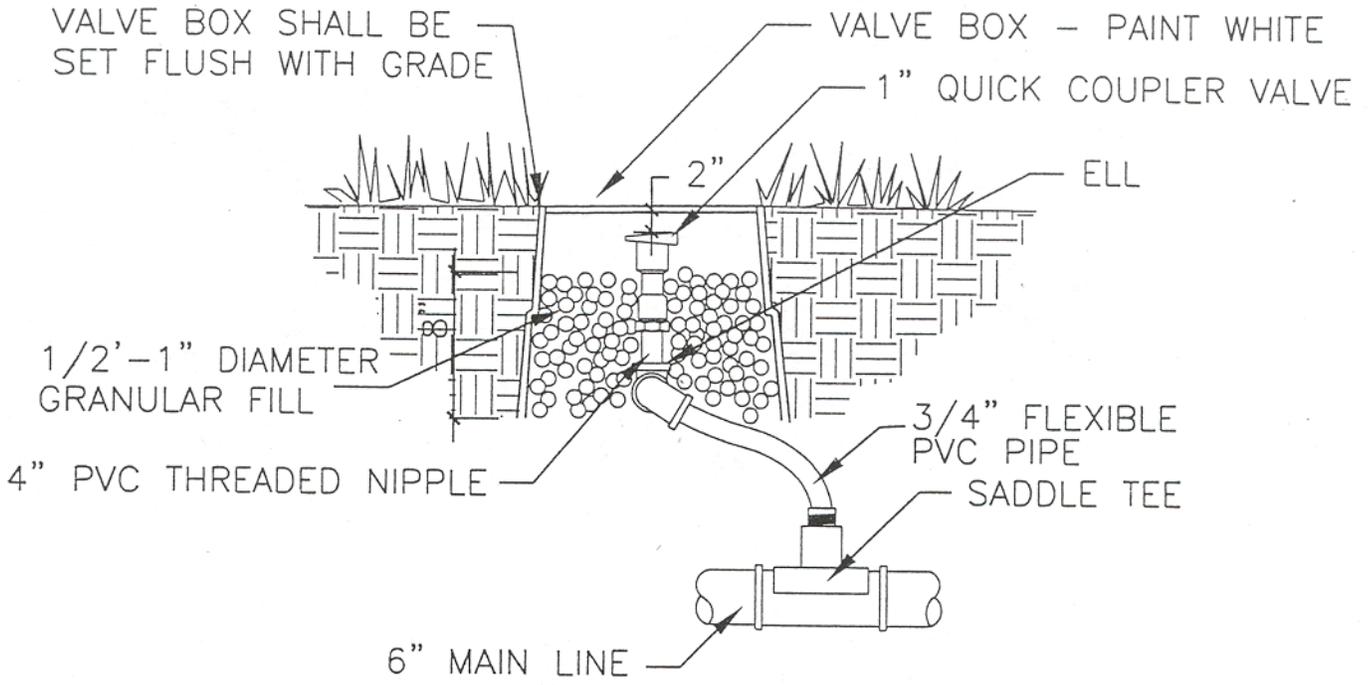
As the drawings indicate now the footings are one foot deep and two feet six inches below grade. This leave an eighteen inch hole noted above.

"The Contractor shall fill these holes with concrete so that the top of the footing is level with the grade."

Item 2-35 Question: Is it permissible to bore the footings as opposed to saw cutting the paving and digging out the footing.

The A/E has no problem with the Contractor boring these footings. However, it will be the Contractor's responsibility to redesign the structural reinforcing for these round footing. The redesign of the structural reinforcing shall be submitted to the Engineer for review and approval before proceeding. Also, the size of the footings shall not have a smaller square footage than those designed.

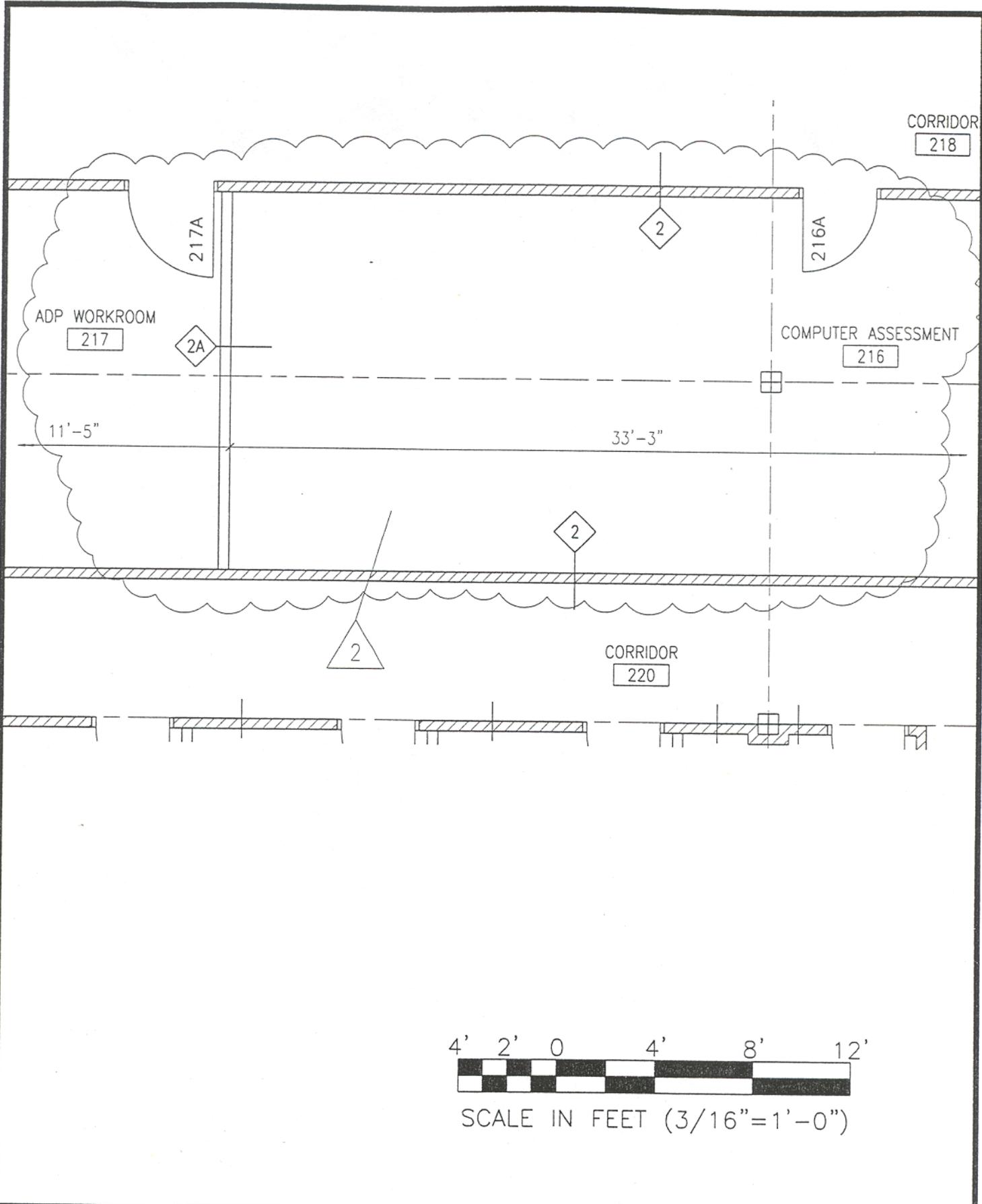
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9
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2

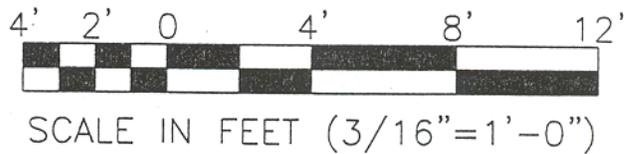
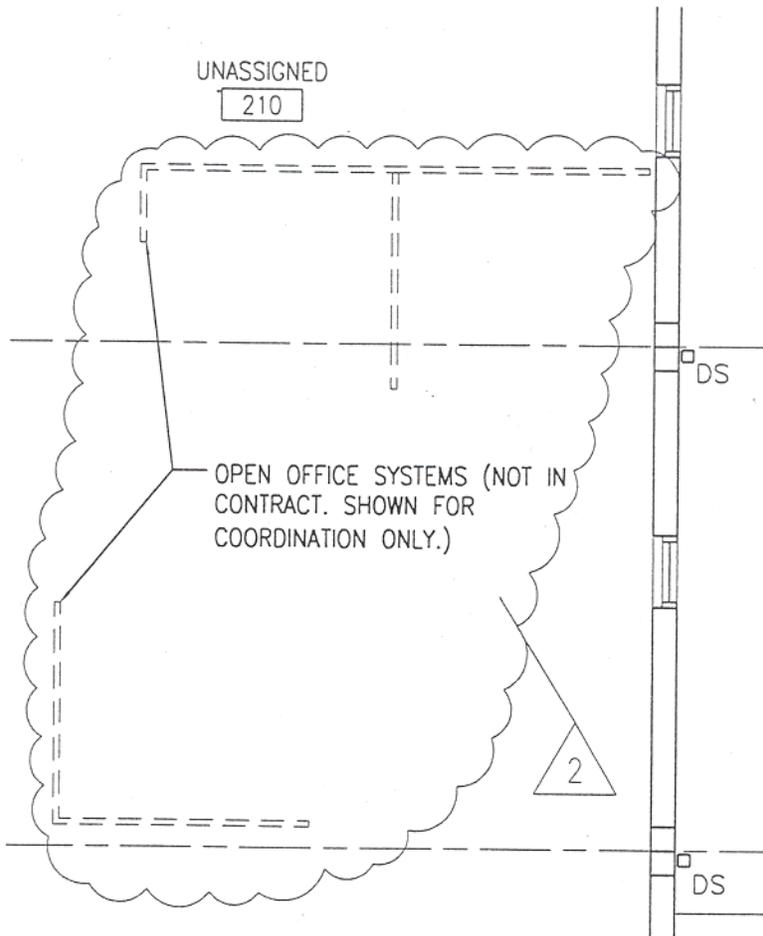
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		REV	DATE	DESCRIPTION	CHECK	APP'D			
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - AMENDMENT III/ADDENDUM II CIVIL DETAILS		REVIEWED BY		PREPARED BY		APPROVED BY			
				ATKINS BENHAM, INC. <small>8400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-3353 www.atkinsbenham.com</small>		JON BERKMAN			
				DESIGNED BY: WRB		ISSUED BY		DATE: 09/04/02	
				DRAWN BY: WRB		OFFICE OF FACILITY MANAGEMENT		DRAWING NO. AMP-400-E-1059	
		WORK ORDER NO. 99-0141		AMP-400		REF DWG C501			
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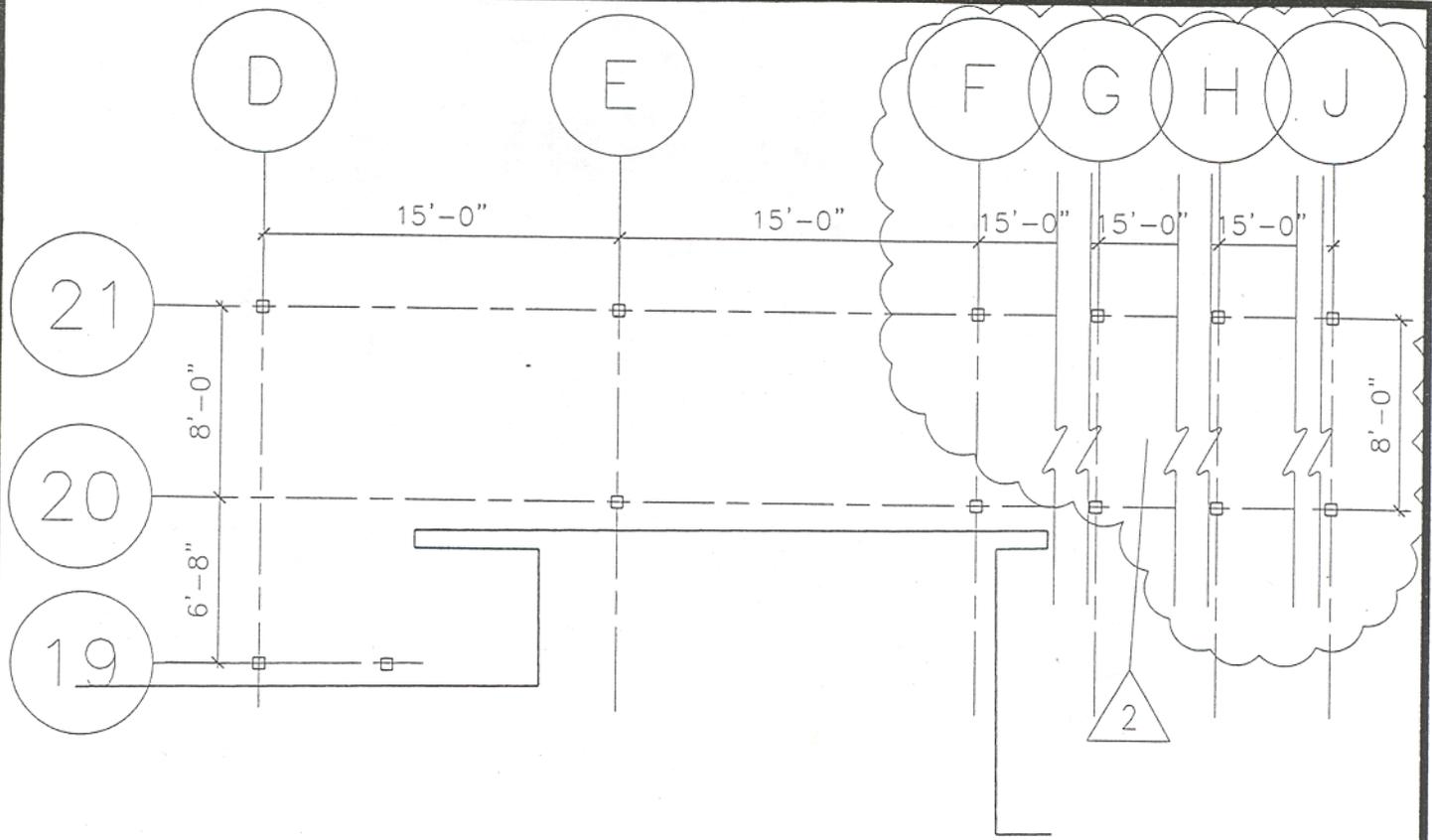
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA					
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - AMENDMENT III/ADDENDUM II BUILDING NUMBER 2 - ROOMS 216 AND 217		REVIEWED BY PREPARED BY ATKINS BENHAM, INC. <small>3400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-5333 www.atkinsbenham.com</small>		APPROVED BY JON BERKMAN	
WORK ORDER NO. 99-0141		DESIGNED BY: WB DRAWN BY: BJM ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400		DATE: 09/04/02 DRAWING NO. AMP-400-E-1059	
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CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - AMENDMENT III/ADDENDUM II BUILDING NUMBER 2 - ROOM 210		REVIEWED BY 	PREPARED BY ATKINS BENHAM, INC. <small>3400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-3333 www.atkinsbenham.com</small>	APPROVED BY JON BERKMAN	
		DESIGNED BY: WB	ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400	DATE: 09/04/02	REF DWG A402
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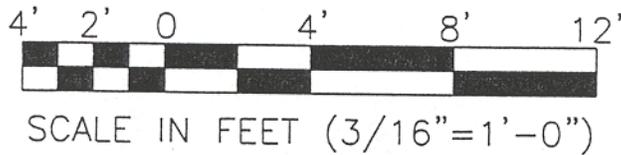
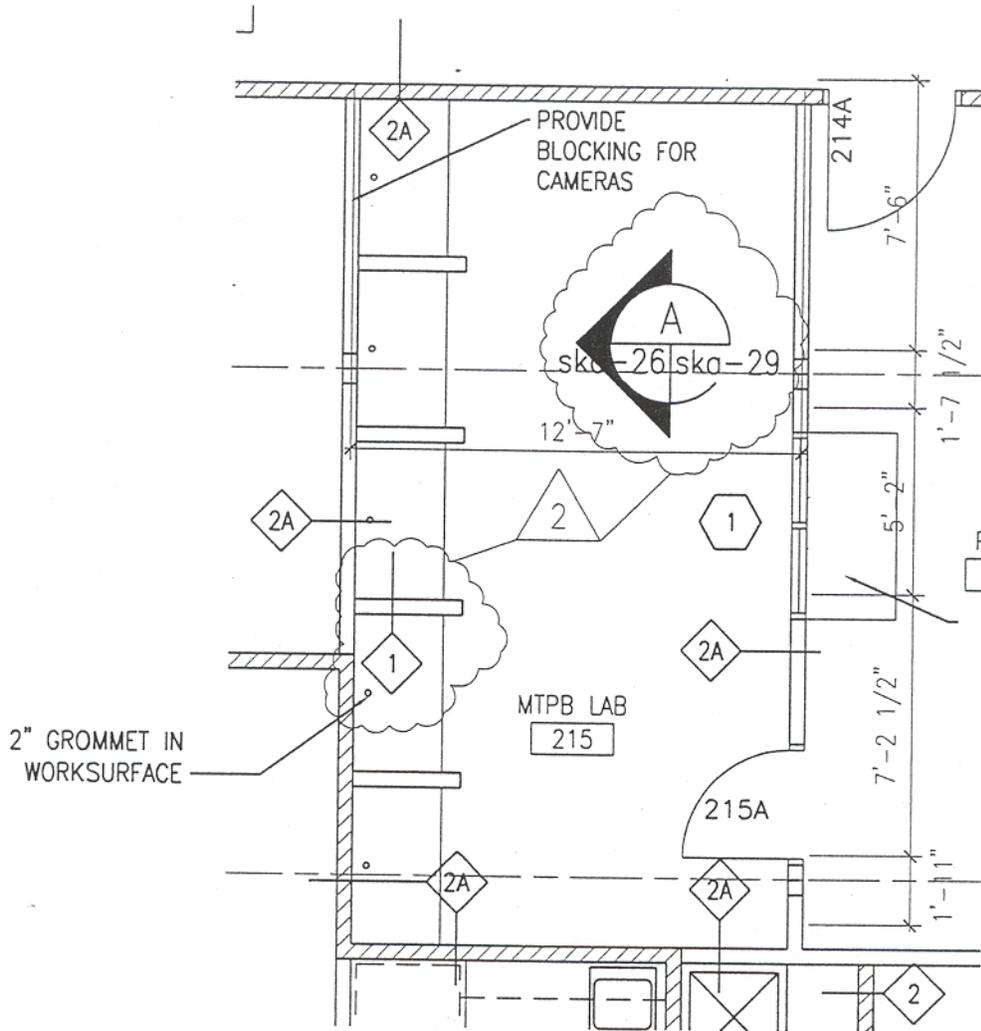
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1 CANOPY PLAN AT EXISTING ANNEX
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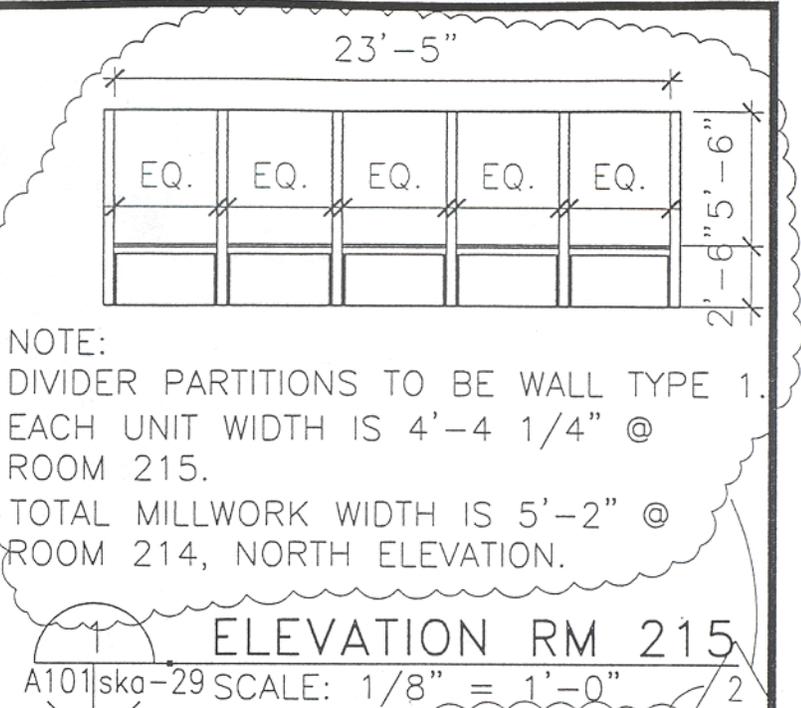
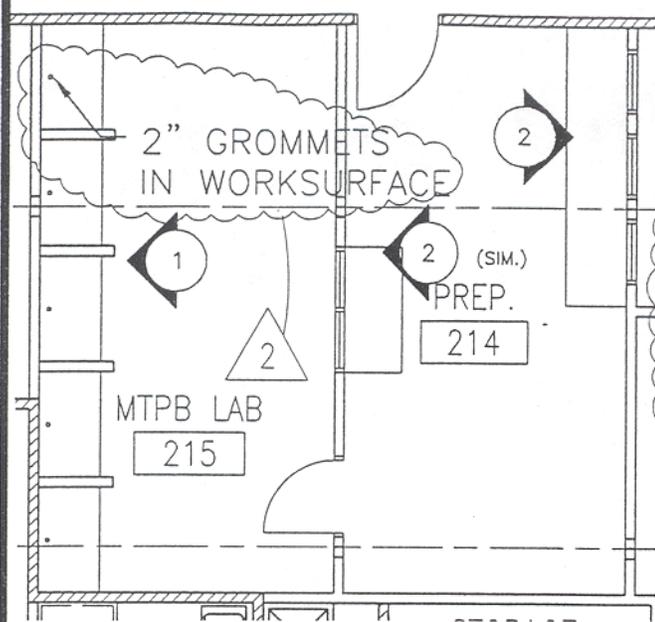
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA								
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					ATKINS BENHAM, INC. <small>9400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-5353 www.atkinsbenham.com</small>		JON BERKMAN	
				DESIGNED BY: WB	ISSUED BY		DATE: 08/27/02	REF DWG
				DRAWN BY: BJM	OFFICE OF		DRAWING NO.	SHT NAME
				WORK ORDER NO. 99-0141	FACILITY MANAGEMENT		AMP-400-E-1059	SKA-04
					AMP-400			

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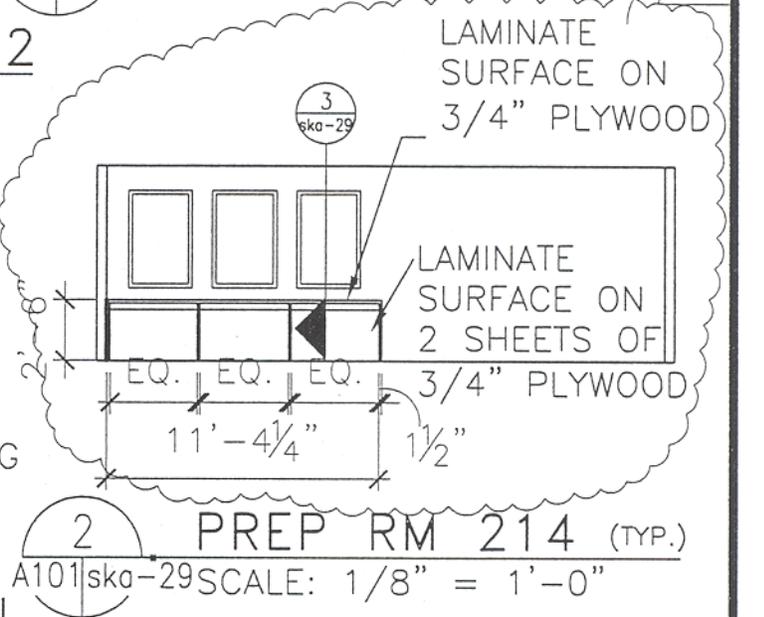
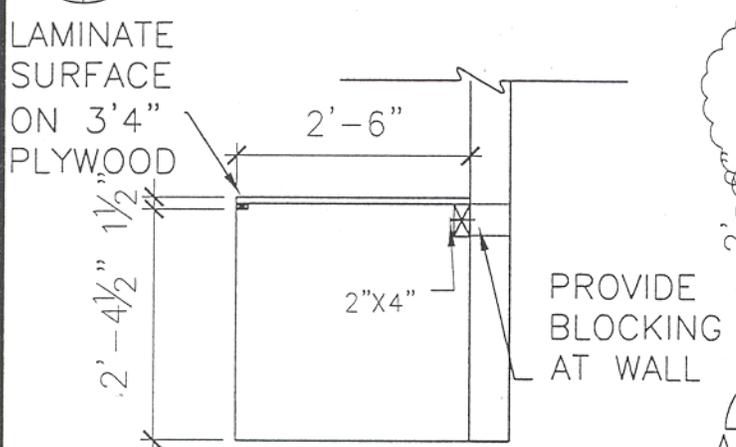


DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA		REV DATE DESCRIPTION CHECK APP'D		
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			REF DWG A402 SHT NAME SKA-05	

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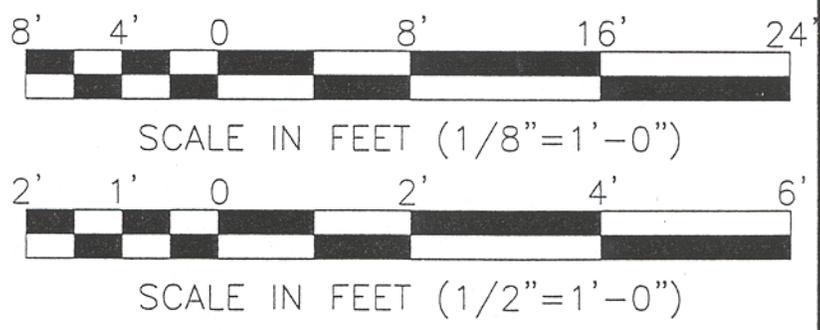


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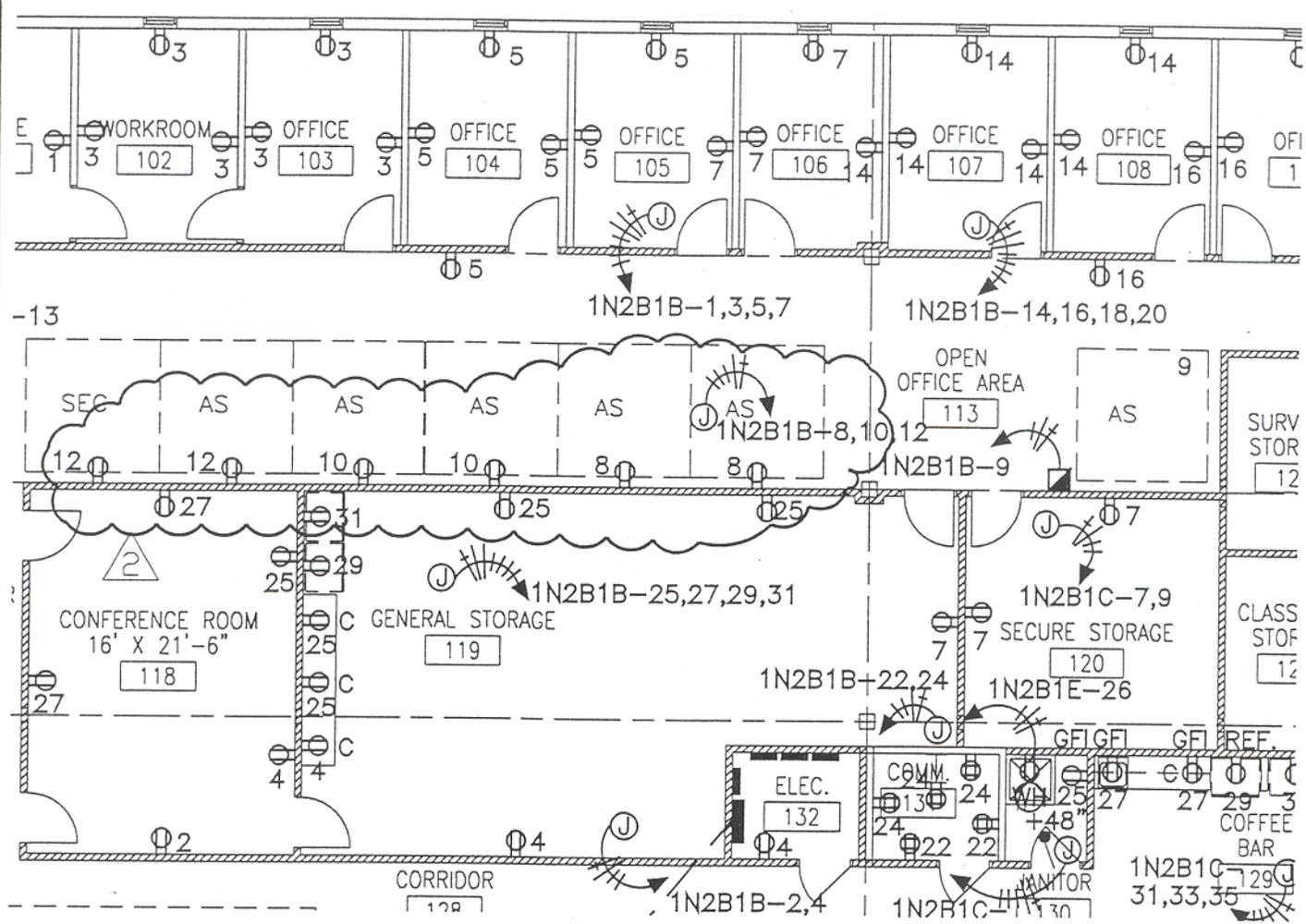
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GENERAL NOTE:
 ALL WORK TO BE ACCORDING TO AWI STANDARDS, CUSTOM GRADE. ALL SURFACES OF MILLWORK TO BE .048" THICK HIGH-PRESSURE LAMINATE.



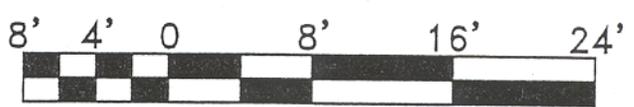
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA					
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - AMENDMENT III/ADDENDUM II MILLWORK ELEVATIONS ROOMS 214/215		REVIEWED BY _____ DESIGNED BY: KT DRAWN BY: WB WORK ORDER NO. 99-0141	PREPARED BY ATKINS BENHAM, INC. 9400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-3333 www.atkinsbenham.com	APPROVED BY JON BERKMAN DATE: 09/04/02 DRAWING NO. AMP-400-E-1059	CHECK _____ APP'D _____ REF DWG A501 SHT NAME SKA-08

Drawing name: S:\30002909\20_CAD\MOD-BUILDING\Addendum2\ske-01.dwg Plot Time: Sep 04, 2002 - 8:52am Plotted by: glontagne



1
E101E101

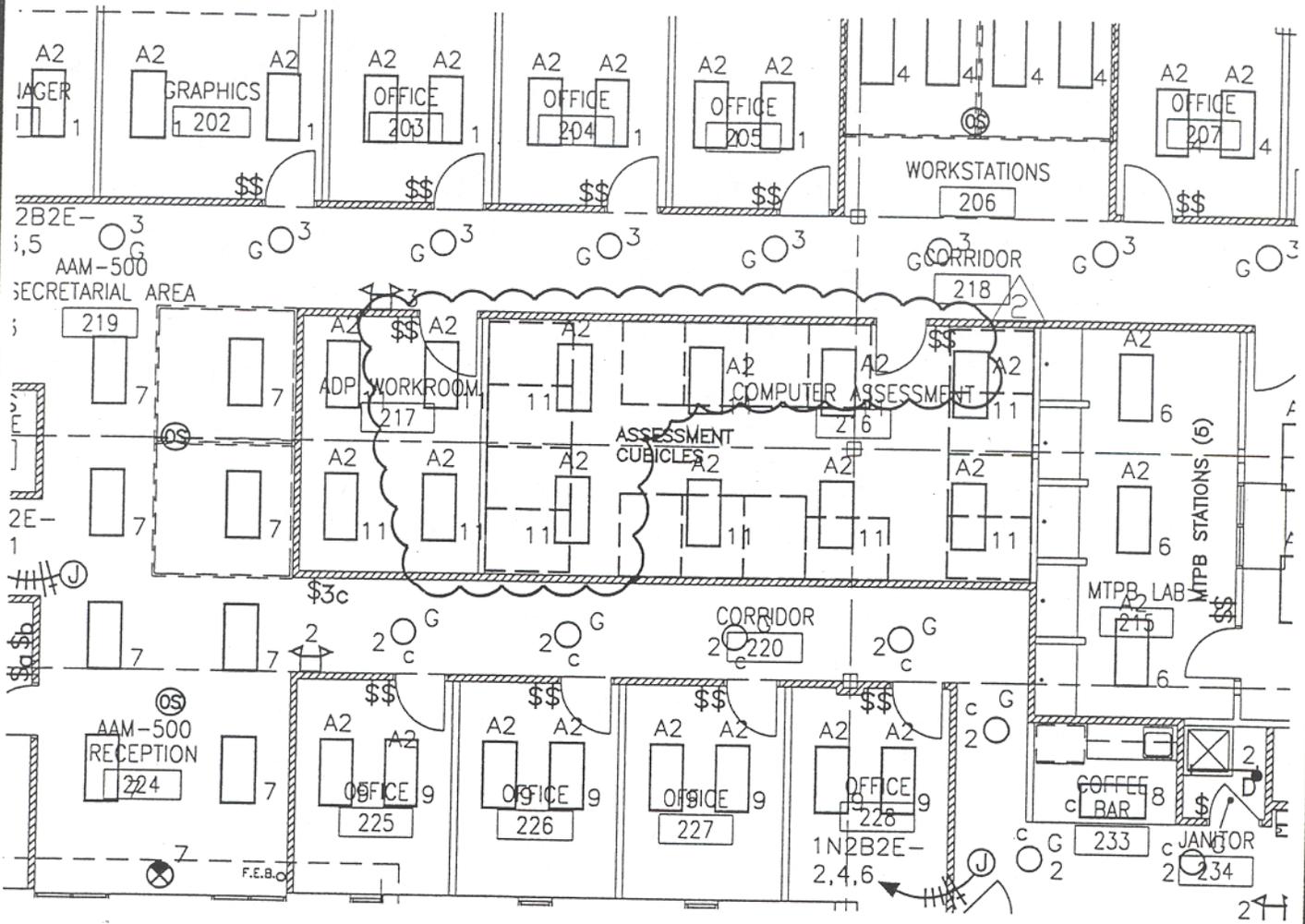
POWER PLAN
SCALE: 3/32" = 1'-0"



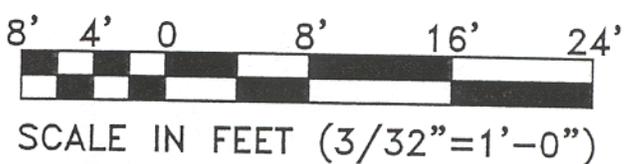
SCALE IN FEET (3/32"=1'-0")

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA				REV	DATE	DESCRIPTION	CHECK	APP'D
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - AMENDMENT III/ADDENDUM II POWER PLAN				REVIEWED BY	PREPARED BY ATKINS BENHAM, INC. 8400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-3333 www.atkinsbenham.com		APPROVED BY JON BERKMAN	
				DESIGNED BY: DM	ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400		DATE: 09/04/02	REF DWG E-101
				DRAWN BY: GL			DRAWING NO. AMP-400-E-1059	SHT NAME SKE-01
				WORK ORDER NO. 99-0141				

Drawing name: S:\30002909\20_CAD_MOD-BUILDING\Addendum2\ske-05.dwg
 Plot Time: Sep 04, 2002 - 1:46pm
 Plotted by: glontagne



1
E102E102
LIGHTING PLAN
 SCALE: 3/32" = 1'-0"



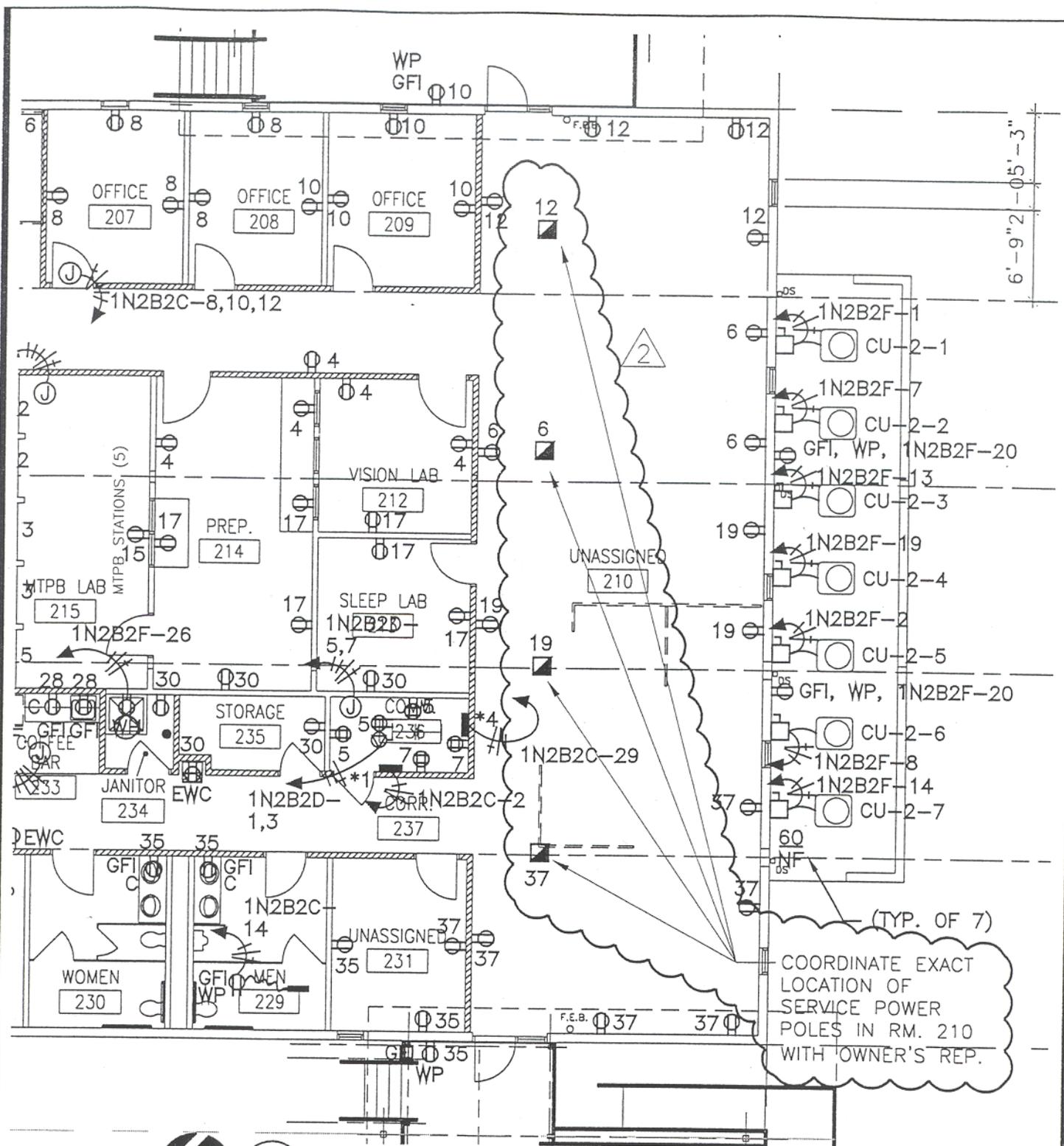
DEPARTMENT OF TRANSPORTATION
 FEDERAL AVIATION ADMINISTRATION
 MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA

**CIVIL AEROSPACE MEDICAL INSTITUTE
 MODULAR STAGING FACILITIES
 PHASE I - AMENDMENT III/ADDENDUM II
 LIGHTING PLAN**

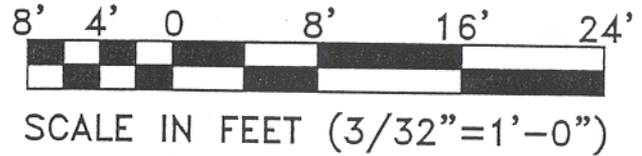
REV	DATE	DESCRIPTION	CHECK	APP'D

REVIEWED BY:	PREPARED BY: ATKINS BENHAM, INC. <small>8400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 405/478-5353 www.atkinsbenham.com</small>	APPROVED BY: JON BERKMAN
DESIGNED BY: DM DRAWN BY: GL	ISSUED BY: OFFICE OF FACILITY MANAGEMENT AMP-400	DATE: 09/04/02 DRAWING NO. AMP-400-E-1059
WORK ORDER NO. 99-0141	REF DWG E-102	SHIT NAME SKE-05

Drawing name: S:\30002909\20_CAD\MOD-BUILDING\Addendum2\ske-06.dwg Plot Time: Sep 04, 2002 - 1:43pm Plotted by: glontagne



1 POWER PLAN
 E101E101 SCALE: 3/32" = 1'-0"



DEPARTMENT OF TRANSPORTATION
 FEDERAL AVIATION ADMINISTRATION
 MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA

CIVIL AEROSPACE MEDICAL INSTITUTE
 MODULAR STAGING FACILITIES
 PHASE I - AMENDMENT III/ADDENDUM II
 POWER PLAN

REV	DATE	DESCRIPTION	CHECK	APP'D

REVIEWED BY 	PREPARED BY ATKINS BENHAM, INC. <small>8400 NORTH BROADWAY OKLAHOMA CITY, OKLAHOMA 403/478-5353 www.atkinsbenham.com</small>	APPROVED BY JON BERKMAN
DESIGNED BY: DM DRAWN BY: GL	ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400	DATE: 09/04/02 DRAWING NO. AMP-400-E-1059
WORK ORDER NO. 99-0141	REF DWG E-101	SHT NAME SKE-06

Amendment No. 5
FAA - CAMI Renovation - Phase 1

September 13, 2002

This ADDENDUM shall modify and take precedence over the original Drawings and Specifications and is hereby made a part of the Contract Documents for the above referenced Project.

AMENDMENT NO. 3 / ADDENDUM NO. 2 CLARIFICATIONS:

Item 3-1 Reference Amendment No. 3 / Addendum No.2, Item No. 2-14. Delete the following wording – “Refer Addendum No.1, Sheet SKA-11. Delete that Sheet in its entirety and replace with attached Addendum No.2 Sheet SKA-04.” Replace it with the following:

“Refer Addendum No. 1, Sheet SKA-11. Delete drawing 1/405 from that drawing and replace with attached Addendum No. 2 Sheet SKA-04. The Deck Plans in Addendum No. 1 Sheet SKA-11 are still valid.

Item 3-2 Reference Amendment 3 / Addendum 2's drawing SKE-04 for revised door location and configuration for Rooms 216 Computer Assessment, and 217 ADP Workroom.

Item 3-3 Reference Amendment 3 / Addendum 2 drawings SKA-01, 02 and 03. Delete these drawings in their entirety. Also delete Items 2-19 and 2-20, which refer to these drawings.

Item 3-4 Reference Amendment 3 / Addendum 2, Item 2-25. This item refers to Sheet T102, and should be referring to Sheet T101.

Item 3-5 Reference Item 2-34, which indicated the following:

Question: What provisions are there for keeping water out of the footing holes.

Delete the answer given and add the following instructions:

“The detail shall remain as drawn, and the CMU blocks shall be placed on the footings to above grade, then the Contractor shall place compacted backfill to grade around the CMU Block filling the hole. The Contractor shall be responsible for dewatering the holes after rains or any other cause that might put water into these holes before they are filled.”

SPECIFICATIONS:

Item 3-6 Reference Section 12495, Pleated Shades. Make the following Changes:

1. Paragraph 2.2 Cellular Shades, B.1.B.a: Delete the color Virtuoso and add the following information. *“Color: Fabric and color selection to be determined by the Client during the submittal process from Manufacturer's standard fabric and colors that meet required flame test requirements.*
2. Paragraph 2.2 Cellular Shades, B.1.L: This subparagraph deals with side-tracks. They are not required for this project. Delete this subparagraph in its entirety. Re-letter the following item from M. to L.

Item 3-7 Reference Section 16721 Subparagraph 2.4.A – Twisted Pair Cables and Components. Delete this paragraph in its entirety and replace it with the following:

A. *UTP Cable: See Specification 16750 Part 2 for acceptable outside plant cable and in-building termination components.*

Item 3-8 Reference Section 16721, Subparagraph 2.5.C - Fiber Optic Media Types. Delete this subparagraph in its entirety and replace it with the following:

C. *Fiber Optic Media Types:*

1. *See Specification 16750 Part 2 for acceptable outside plant cable and in-building termination components.*

Item 3-8a Add the following subparagraph "E" to the end of Specification Section 16721, paragraph 2.5.C:

E. *Termination Equipment: See Specification 16750 Part 2.*

Item 3-9 Reference Section 16750. Subparagraph 2.2.C.1.a. Delete this clause in its entirety and replace it with the following:

- a. *Conform to the following specifications or approved equal (number of strands as indicated on drawings).*

Item 3-9a Reference Section 16750. Subparagraph 2.2.C.3.a. Delete this clause in its entirety and replace it with the following:

3. Station Cable

- a. 1071 Avaya, Level 7, Anixter # CM-00424MAX-7U-06.
- b. Avaya, Level 3; Anixter #CM-00424MAX-3U.
- c. 3 cables to each jack. Two cable level 3, 24 gauge, 4 pair for each of the 2 RJ-11's. The other cable level 7, 24 gauge, 4 pair for the RJ-45.

Item 3-9b Reference Section 16750. Subparagraph 2.2.D.1. Delete this paragraph in its entirety and replace it with the following:

D. Telephone and Data Receptacles:

Provide telephone and data outlets with the following components (No substitutions allowed):

Description	Comcode Number
1 ea - RJ-45 Connector (Orange)	Avaya SCSMCS400BH-112
2 ea - RJ-11 Connector (Ivory)	107322158
1 ea - Blank	107067860
1 ea - Frame	106622277

Some locations as indicated on the drawings will require one additional RJ-45 Connector.

Amendment No. 5
FAA - CAMI Renovation - Phase 1**September 13, 2002****Item 3-9c** Reference Section 16750. Subparagraph 2.2.E.1. Delete this paragraph in its entirety and replace it with the following:**E. Telephone and Network Equipment**

Provide and install the following equipment:

MFG.	Description	Part #	MFG. Part #
Avaya	#1071 Avaya Level 7 gigaspeed cable	CM-00424MAXE-7-06	
Avaya	#1010 Avaya Level 3	CM-00424MAX-3	
Avaya	RJ 45 Avaya gigaspeed jack - orange	214840	
Avaya	RJ 11 Avaya cat 3 jack - ivory	160876	Anixter 160876
Avaya	Blanks	145936	
Avaya	Quad Frame	142315	
Corning	Corning Xcelerate SX+ 36SM/108mm 50umSX+		144XW5-CH372a20
Corning	Corning Xcelerate SX+ 12SM/24 50um MMSX+		036XW5-CH373a20
Corning	Corning Xcelerate SX+ 24 MIC MM SX+		024s81-33180-24
Corning	FDC 72 port w/ST pre loaded SX+ panels(MDF)		FDC-CM72-15T
Corning	FDC 72 port distr. Box	109617	
Corning	FDC SM connector panel	139605	
Corning	19" Rack Mount Distribution Panel(IDF)	180628	CCH-03U
Corning	MM Connector Panel (for CCH Box)		CCH-CP06-15T
Corning	SM Connector Panel (for CCH Box)		CCH-CP06-19T
Corning	ST MM Connectors	162457	
Corning	ST SM connectors	137605	
Corning	Xcelerate SX+ MM ST-SC 2 meter jumpers		505702s5180XXXF
Corning	Xcelerate SX+ MM ST-SC 3 meter jumpers		505702s5180XXXF
Corning	Xcelerate SX+ MM ST-SC 4 meter jumpers		505702s5180XXXF
Corning	Xcelerate SX+ MM ST-Sc 5 meter jumpers		505702s5180XXXF
Corning	Xcelerate SX+ MM ST-SC 6 meter jumpers		505702s5180XXXF
Avaya	188 w/legs	112052	
Avaya	110-C4	O73039	
Avaya	110-C5	O61268	
CPI	19" rack	O86047	
CPI	cable mount	140494	
CPI	ground kit 7' rack	90219	
CPI	J bolt kit	34157	
CPI	wall angle support kit 9" cable runway	131821	
CPI	butt splice kit	34154	
Avaya	110 Avaya Visipatch 336 pr kit	532210	
Avaya	Visipatch clear lable holder	532425	
Avaya	Visipatch horz duct	539650	
Avaya	Visipatch wall mount bracket	221279	
Avaya	Visipatch horz trough (2 / pk)	232315	

Amendment No. 5**FAA - CAMI Renovation - Phase 1****September 13, 2002**

Avaya	Visipatch wire mng kit	232316
Avaya	Visipatch 110-110 1 pr patch cord 12ft.	221270
Avaya	Visipatch 110-110 1 pr patch cord 15ft.	221271
Avaya	visipatch 110- RJ11 1 pr patch cord 12ft.	
Avaya	visipatch 110-RJ 11 1 pr patch cord 15ft.	
Avaya	visipatch JR45 - 110 4 pr patch cord 12ft.	MV12-LU7-09
Avaya	visipatch JR45 -110 4 pr patch cord 15ft.	MV15-LU7-09
Avaya	2100pr 24awg OSP cable	E-210024DFC
Avaya	300pr 24awg OSP	E-30024DFC
Avaya	150pr 24awg OSP	E-015024DFC
Avaya	100pr BEP	
Avaya	Protector Modules	
Avaya	Table runway ladder rack	164166

ARCHITECTURE:

- Item 3-10** Reference Sheet A402. Revise the dimension of the width of rooms 216 Computer Assessment and 217 ADP Work Room as follows:
- The north/south dimension of Room 216 is to be 33'-3".
 - The north/south dimension of Room 217 is to be 11'-5".
 - Note that these dimensional changes also revises the same rooms on sheet A101.
 - Refer to Amendment 3 / Addendum 2's Sheets SKE-04 and SKE-05 for the revised lighting and power configurations of these two rooms.
- Item 3-11** Reference Sheet A402, Room 215 MTPB Lab. Delete pair of doors 218A completely including frame and hardware. Refer to Amendment No.3 / Addendum No. 2, Sheet SKA-05 for wall layout in this area.
- Item 3-12** Reference Sheets 101 (Building 2) and A402, Room 213 Unassigned. This room name has been changed to "SLEEP LAB." Also, door 213A is to be relocated as indicated in attached Addendum No. 3 drawing SKA-01.
- Item 3-13** Reference Sheet A602 Door Schedule. Delete pair of doors 218A including frame and hardware. Also, door 213A no longer requires a fire rating.

TELECOMMUNICATIONS:

- Item 3-14** Reference Sheet T502. Added one additional voice (cat3) cable to the communication outlet back to the comm. room. See SKT-01 Detail #3.

ELECTRICAL:

- Item 3-15** Reference Sheet E101, Building Two, Room 210 Unassigned. Changed 4 power service poles to combined power/communication poles and add new Keyed Note #5 "COMBINED COMM/POWER POLE LOCATION. VERIFY FINAL POLE LOCATION WITH FAA REPRESENTATIVE AND COORDINATE WITH COMMUNICATIONS CONTRACTOR. SEE SHEET T101." See SKE-02.
- Item 3-16** Reference Sheet E101, Building Two, Room 210 Unassigned. Move power outlet on circuit 12 on south wall east to correspond with nearby communication outlets as shown on sheet T101. Move power outlet on circuit 37 on south wall

west to correspond with nearby communication outlet as shown on sheet T101. See SKE-02.

Item 3-17 Reference Item 3-12 above and attached Addendum No. 3 drawings SKA-01. Note that room 213's name has been changed to SLEEP LAB, and the door location for that room has been changed requiring the light switch also to be changed. This is shown on SKA-01.

Item 3-18 Reference Sheet E001, Electrical Legend, Abbreviations & Schedule. Add combined Communication/Service Power Pole as indicated in SKE-01.

Responses to specific questions received from General Contractors:

Item 3-19 **Comment** – Drawing C106 indicates new grading contours under and around the modular buildings.

Response – This is not quite correct. While contours are shown under Building #1 and #2, they are existing grades shown for clarifications. The Survey indicated spot elevations and the existing grades were shown to help interpret those grades. There is new grading shown on that sheet outside the Modular Buildings and between them.

Comment – Drawing C103 Indicates existing elevations of the site.

Response – That is correct. Most are spot grades.

Comment – Drawing C104 indicates selective demolition of existing paving.

Response – That is correct.

Question – Will the existing parking lot need to be removed and additional grading performed to drain the site as shown on drawing C106?

Response - The existing parking lot will not have to be removed or regraded. The grading at the new parking lot and the existing grass areas will have to be graded as indicated on this plan.

Item 3-20 **Question** – Can detail or section cut be provided showing new concrete paving over existing parking lot?

Response – A single detail would not be that helpful. Please refer to sheet C105. There is considerable information indicating spot elevations and grading, which were provided in lieu of a detail. There are over 59 spot elevations and contours shown where this concrete is to be located. It may be helpful to understand why this concrete is being placed. Due to the slope of the existing paving it was feared that water would pond and freeze during cold weather making it hazardous between the decks/canopies. This concrete was added, along with catch basins to keep that from happening.

Item 3-20 **Question** – Has the City of Oklahoma City been contacted about permitting and code compliance for this project? If so, can we be provided with a contact that can determine permitting and inspection requirements?

Response – Yes, plans were taken to the City for a preliminary review. They were reviewed by Mike Wilson of the OKC Plan Review Department. His comments have been incorporated into the plans. They were also shown to the OKC Fire Marshall's Office.

Item 3-21 **Comment** – Existing underground electric piping serving light poles and underground lawn sprinkler piping will be covered by new construction. See drawing C108.

Question – Will the removal of these items be required?

Response – Refer to Sheet C104. Revise the note referring to the removal of the light poles to read: "Remove existing light poles and bases. Relocate to new parking lot as indicated on Sheet C107. (See Sheet C107 for cutoff)." Demolition notes regarding underground electric piping serving the light poles and the underground lawn sprinkler piping are clearly stated on Sheet C104. It is not expected that automated systems will be affected by system removal.

RECEPTACLES AND SWITCHES

- SERVICE POWER POLE
- 3 COMBINED COMMUNICATIONS/SERVICE POWER POLE

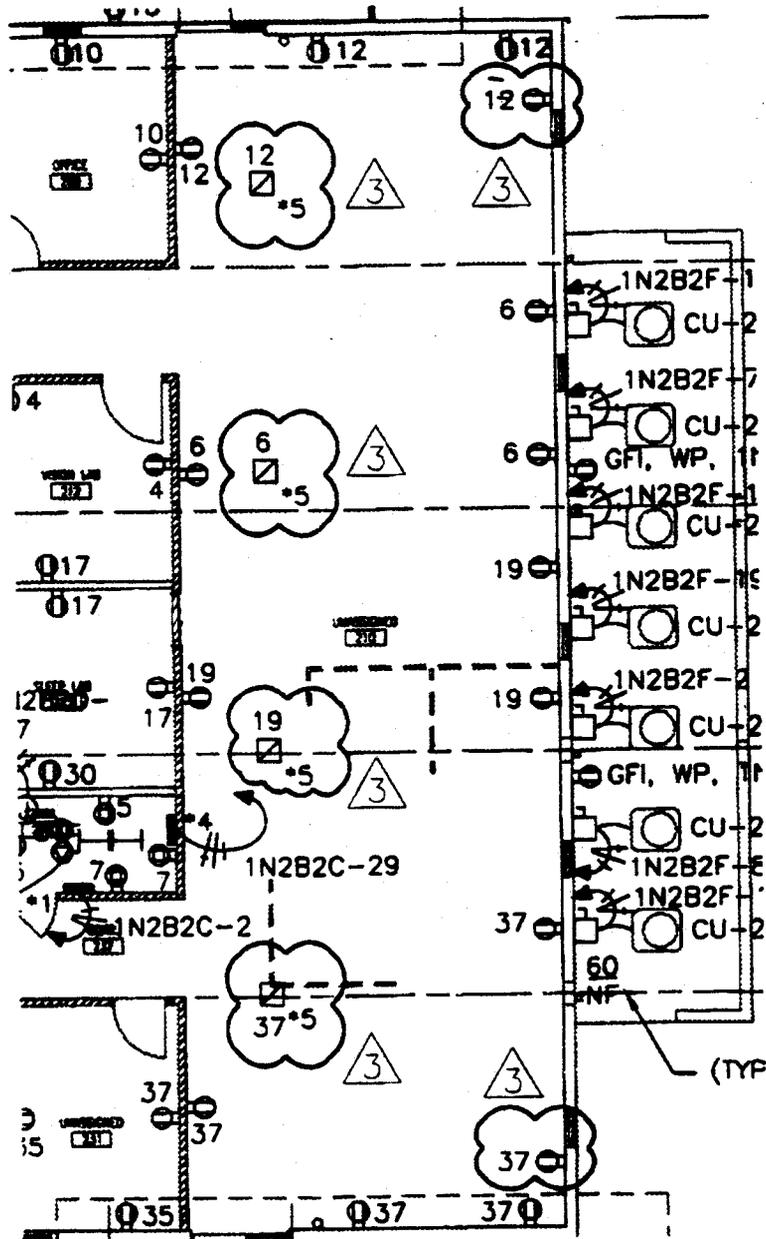
1 ELECTRICAL LEGEND, ABBREVIATIONS & SCHEDULE

E001E001 SCALE: NONE

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DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONROEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA				
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - AMENDMENT V ELECTRICAL LEGEND, ABBREVIATIONS & SCHEDULE	REVIEWED BY DATE	PREPARED BY ATKINS BENHAM, INC. <small>3000 15TH ST OKLAHOMA CITY, OKLAHOMA 405/492-8888 www.atkinsbenham.com</small>	APPROVED BY JON BERKMAN	CHECK APP'D
		DESIGNED BY: DM DRAWN BY: OR	ISSUED BY OFFICE OF FACILITY MANAGEMENT AMP-400	DATE: 08/13/02 DRAWING NO. AMP-400-E-1039
	WORK ORDER NO. 99-0141			REF DWG E001 SHY NAME SKK-01

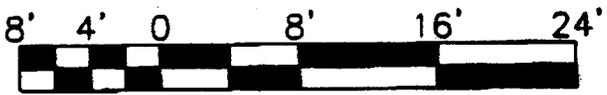
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KEYED NOTES:

 *5. COMBINED COMM/POWER POLE LOCATION. VERIFY FINAL POLE LOCATION WITH FAA REPRESENTATIVE AND COORDINATE WITH COMMUNICATIONS CONTRACTOR. SEE SHEET T101.

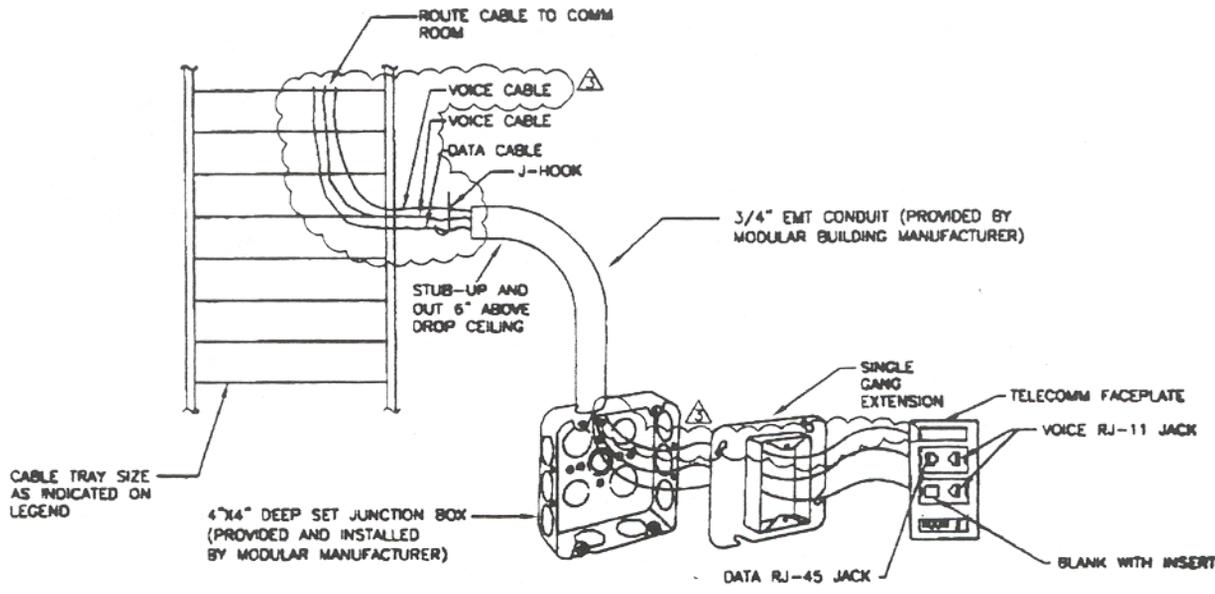
  **POWER PLAN**
 SCALE: 3/32" = 1'-0"



SCALE IN FEET (3/32"=1'-0")

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONRONEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA		REV	DATE	DESCRIPTION	CHECK	APP'D
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - AMENDMENT V POWER PLAN		REVIEWED BY	PREPARED BY	APPROVED BY		
			ATKINS BENTHAM, INC. <small>400 WEST CHERRY OKLAHOMA CITY, OKLAHOMA (405) 233-3333</small>	JON BERKMAN		
		DESIGNED BY: DM	ISSUED BY: OFFICE OF FACILITY MANAGEMENT	DATE: 09/13/02	REF DWG: E101	
		DRAWN BY: DR	FACILITY MANAGEMENT AMP-400	DRAWING NO. AMP-400-E-1050	SHT NAME: SECC-02	
		WORK ORDER NO. 98-0141				

Drawing name: S:\30002909\20_CAD\MOD-BUILDING\Addendum3\skt-01.dwg Plot Time: Sep 12, 2002 - 11:13am Plotted by: droberts



3 TYPICAL WALL MOUNT TELECOMM OUTLET
 SCALE: NONE

- NOTES:**
1. MOUNT 4" X 4" JUNCTION BOXES 18" AFF TO CENTER UNLESS NOTED OTHERWISE.

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MIKE MONROHEY AERONAUTICAL CENTER - OKLAHOMA CITY, OKLAHOMA		REV DATE DESCRIPTION CHECK APP'D	
CIVIL AEROSPACE MEDICAL INSTITUTE MODULAR STAGING FACILITIES PHASE I - AMENDMENT V COMMUNICATION DETAILS		PREPARED BY ATKINS BENHAM, INC. <small>3100 NORTH GARDNER OKLAHOMA CITY, OKLAHOMA 405/432-0500</small>	APPROVED BY JON BERKMAN
DESIGNED BY: SG	ISSUED BY: OFFICE OF FACILITY MANAGEMENT	DATE: 08/13/02	REF DWG: TS02
DRAWN BY: DR	AMP-400	DRAWING NO. AMP-400-E-1059	SHT NAME: SKT-01
WORK ORDER NO. 99-0141			

1. **Comment** – Drawing C106 indicates new grading contours under and around the modular buildings.
Response – This is not quite correct. While contours are shown under Building #1 and #2, they are existing grades shown for clarifications. The Survey indicated spot elevations and the existing grades were shown to help interpret those grades. There is new grading shown on that sheet outside the Modular Buildings and between them.
Comment – Drawing C103 Indicates existing elevations of the site.
Response – That is correct. Most are spot grades.
Comment – Drawing C104 indicates selective demolition of existing paving.
Response – That is correct.
Question – Will the existing parking lot need to be removed and additional grading performed to drain the site as shown on drawing C106?
Response - The existing parking lot will not have to be removed or regraded. The grading at the new parking lot and the existing grass areas will have to be graded as indicated on this plan.

2. **Question** – Can detail or section cut be provided showing new concrete paving over existing parking lot?
Response – A single detail would not be that helpful. Please refer to sheet C105. There is considerable information indicating spot elevations and grading, which were provided in lieu of a detail. There are over 59 spot elevations and contours shown where this concrete is to be located. It may be helpful to understand why this concrete is being placed. Due to the slope of the existing paving it was feared that water would pond and freeze during cold weather making it hazardous between the decks/canopies. This concrete was added, along with catch basins to keep that from happening.

3. **Question** – Has the City of Oklahoma City been contacted about permitting and code compliance for this project? If so, can we be provided with a contact that can determine permitting and inspection requirements?
Response – Yes, plans were taken to the City for a preliminary review. They were reviewed by Mike Wilson of the OKC Plan Review Department. His comments have been incorporated into the plans. They were also shown to the OKC Fire Marshall's Office.

4. **Comment** – Existing underground electric piping serving light poles and underground lawn sprinkler piping will be covered by new construction. See drawing C108.
Question – Will the removal of these items be required?
Response – Refer to Sheet C104. Revise the note referring to the removal of the light poles to read: "Remove existing light poles and bases. Relocate to new parking lot as indicated on Sheet C107. (See Sheet C107 for cutoff)."
Demolition notes regarding underground electric piping serving the light poles and the underground lawn sprinkler piping are clearly stated on Sheet C104. It is not expected that automated systems will be affected by system removal.