

DOCUMENT 00 0491  
ADDENDUM NO. 2

DATE: February 10, 2010  
PROJECT NAME: Greene County Medical Center AHU Replacement

This Addendum forms a part of the bidding and contract documents. This Addendum supersedes and supplements all portions of the original bidding and contract documents dated January 22, 2010 with which it conflicts.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED ON THE BID FORM.  
FAILURE TO DO SO MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

A. BIDDING REQUIREMENTS

1. Document 00 0800 – SUPPLEMENTARY CONDITIONS GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION
  - a. Article 11.3 – Property Insurance: **CLARIFICATION:** Builders Risk Insurance and general liability is to be provided by the Owner. Contractor shall provide Certificate of Insurance at bid letting or at the time of contract signing.

B. GENERAL

1. The Owner will submit plans to the City and will be responsible for subsequent fees.
2. **CLARIFICATION:** The existing fire alarm system is Simplex 4100.

C. SPECIFICATIONS

1. Section 01 1101 – SPECIAL PROJECT PROCEDURES
  - a. Paragraph 1.2.B: **CLARIFICATION:** Smoking is not permitted on hospital grounds or anywhere on the campus. Designated smoking areas will not be allowed or negotiated.
2. Section 08 7100 – DOOR HARDWARE
  - a. Paragraph 2.2.B: **REVISE** paragraph to read: “Cylinders: High security removable core6-pin, meeting the requirements of UL437.”
3. Section 23 0994 – AUTOMATIC TEMPERATURE CONTROL SYSTEM – DDC
  - a. Paragraph 1.1.B – General Description
    - 1) Subparagraph 1.1.B.1: **REVISE** first sentence to read: “The existing Honeywell *Webs Ax* system shall be reconfigured and expanded as necessary to serve the new air handling systems and hydronic system.”
    - 2) **ADD** subparagraph 1.1.B.1.a to read: “2. Representative shall be Ax certified and onsite during installation.”

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- b. Part 2 PRODUCTS: **RENUMBER** paragraphs to read: “2.1 through 2.17” in lieu of 1.1 through 1.17.
  - c. With renumbering in place, Paragraph 2.17 – Sequence of Operation; subparagraph 2.17.A.3.c.2.a: **REMOVE** “smoke damper and” so the sentence reads: “Close the supply VAV box damper tight.”
4. Section 23 3300 – AIR DUCT ACCESSORIES
- a. **REMOVE** all references to “Duct Silencers.” Duct silencers are not required for this work.
5. Section 23 7313 – MODULAR INDOOR CENTRAL-STATION AIR-HANDLING UNITS
- a. Paragraph 2.4 – Fan Sections; subparagraph 2.4.A: **REMOVE** the following sentence from the paragraph: “Fans shall be manufactured by Twin City Fan, Barry Blower, Chicago Blower -- no substitutes.”
  - b. **ADD** Paragraph 2.14 ULTRA VIOLET LIGHTS as follows:
    - “2.14 ULTRA VIOLET LIGHTS
    - A. Provide U.V. Lighting (U.V.-C) downstream of the cooling coils.
    - B. Lamps shall be listed under UL Category Code ABQK.
    - C. Lamps shall be high-output, producing ultraviolet germicidal irradiation (UVGI) of 254 nm.
    - D. Fixtures shall be stainless steel design suitable for saturated air conditions.
    - E. Doors or panels to the U.V. section shall be provided with automatic disconnects.
    - F. Ultraviolet filtering glass shall be provided to allow the coil, drain pan, and lights to be inspected while in use from outside the unit.”

D. DRAWINGS

- 1. Sheet S5.01 – STRUCTURAL DETAILS
  - a. On Section 9, **CHANGE** rebar callout, #5 @ 4'-0" to #5 @ 2'-0" o.c.
  - b. On Section 10, **ADD** callout for top transverse bar in footing as #5 @ 2'-0" o.c.
  - c. On Sections 13 and 14, **ADD** callout for footing dowels as #5 @ 2'-0" o.c.

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2. Sheet A1.01 – FLOOR, DEMOLITION, REFLECTED CEILING, ENLARGED PLANS, WALL TYPES, GENERAL NOTES, AND SCHEDULES
  - a. Detail 5 “Door/Frame Types: **CLARIFICATION:** Types ‘A’, ‘B’, and ‘C’ under hardware groups – each to have overhead stops in lieu of hinge stops.
  - b. **CLARIFICATION:** Gasketed grid is only in operating rooms as called out in specifications 09 5123. Clean tile, key note 26, may be 2x4 or 2x2, but all grid in OR's must be gasketed.
3. Sheet A3.01 – EXTERIOR ELEVATIONS
  - a. **CLARIFICATION:** EIFS system on new mechanical addition to match color of exiting adjacent EIFS façade.
4. Sheet M1.01 – LEVEL A MECHANICAL PLAN, MECHANICAL ROOM DETAIL & SECTIONS
  - a. **REVISE** diffuser tags as shown on sketch MSK-1 as attached to this addendum.
5. Sheet M2.01 – LEVEL A PIPING & PLUMBING PLAN
  - a. **ADD** electronic trap primer to mechanical room for service of floor drain traps as shown on sketch MSK-3 as attached to this addendum.
6. Sheet M3.02 – MECHANICAL DETAILS
  - a. **REVISE** Detail 7 to accommodate glycol feed to 2 separate systems as shown on sketch MSK-4 as attached to this addendum.
7. Sheet M4.01 – MECHANICAL SCHEDULES & SYMBOLS
  - a. **REVISE** Diffusers, Registers, & Grilles Schedules as shown on sketch MSK-2 as attached to this addendum.
8. Sheet E1.01 – LEVEL A ELECTRICAL PLANS – DEMO, LIGHTING, POWER & COMMUNICATIONS
  - a. **ADD** the following: “LEVEL B MECHANICAL ROOM DEMOLITION NOTES: SUPPLY FAN, EXHAUST FAN, HOT WATER CIRCULATION PUMP AND CHILLED WATER PUMP FOR EXISTING AHU-4 TO BE DEMOLISHED. DISCONNECT AND REMOVE ASSOCIATED CONDUCTORS AND CONDUIT BACK TO CIRCUIT BREAKER IN FEEDING PANEL AND MARK AS SPARE. DISCONNECT VARIABLE FREQUENCY DRIVE FOR SUPPLY AND EXHAUST FAN AND RETURN TO OWNER. REFER TO MECHANICAL DEMOLITION PLAN (MD.01) FOR EQUIPMENT LOCATIONS.”
  - b. **CLARIFICATION:** The existing OR switches are in Corridor 160, just outside the OR's. They are shown to be demolished. New switches are shown inside the OR's on the lighting plan. The existing controller for the surgical light in OR #1 159 shall remain.
  - c. **ADD** a trap primer as shown on sketch ESK-1 as attached to this addendum.


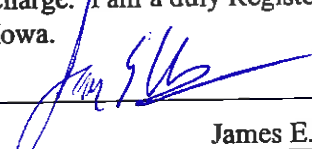
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9. Sheet E2.01 – PANEL SCHEDULES, MECHANICAL EQUIPMENT SCHEDULE, & FEEDER ROUTING
- a. **CLARIFICATION – New 480 Panel:** The base bid of this project does not include a new chiller. If there is no chiller that needs to be fed from the new panel HMS, the panel only needs to be 100 amps and can be fed from panel HWMB in the Level B mechanical room. If the chiller alternate is accepted, panel HMS must be increased to 150A and will be too large to be fed from panel HWMB. This is why the alternate feed for panel HMS comes from panel MBDP in the main service room of the hospital. In both cases, a new breaker shall be provided in the feeding panel (either HWMB or MBDP) and the feeder shall follow the approximate routing shown on sheet E2.01.
- b. **CLARIFICATION – Life-Safety Connection for Lighting:** The life safety lighting circuit shall come from panel EB. This is a 100A, 120/208V, 3 phase panel located on the east wall of Stairs 136 on the corridor side. This panel is approximately 120' to the west of the double door entrance to New Storage Room 101. The stairwell is shown on sheet E2.01.

E. ATTACHMENTS

1. MSK-1
2. MSK-2
3. MSK-3
4. MSK-4
5. ESK-1

Prepared By: Shive-Hattery, Inc.

	I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly Registered Architect under the laws of the State of Iowa.	
	Signature: <u></u>	Date: <u>2/10/10</u>
	Name: <u>James E. Moore, AIA</u>	
	Registration Expires: <u>6/30/2011</u>	Date Issued: <u>4/28/08</u>
	Pages, Sheets, or Divisions covered by this seal: <u>This Addendum.</u>	

END OF DOCUMENT 00 0491





## DIFFUSERS, REGISTERS & GRILLES SCHEDULE

IDENT NO.	MATERIAL OF CONSTRUCTION	DESCRIPTION	FACTORY FINISH	BLOW PATTERN	DESIGN BASIS	REMARKS
A	ALUM	24x24 LOUVER FACE	WHITE	4-WAY	TITUS OMNI-AA	GENERAL 2x2 SUPPLY
B	ALUM	1/2" x 1/2" x 1/2" EGGRATE	WHITE	-	TITUS 50F	CEILING RETURN
C	STEEL	1/2" SPACING, 38" DEFLECTION	WHITE	-	TITUS 33RS	SURGERY RETURN
D	ALUM	24x48 LAMINAR	WHITE	LAMINAR	TITUS TLF-AA	PROVIDE W/ 99.99% HEPA FILTER
E	ALUM	3/4" SPACING, DOUBLE DEFLECTION	WHITE	ADJ.	TITUS 272 FL	SIDEWALL SUPPLY
F	ALUM	3/4" SPACING, 0" SINGLE DEFLECTION	WHITE	-	TITUS 350 ZFL	MECHANICAL ROOM RETURNS/EXHAUST
H	ALUM	24x24 LAMINAR	WHITE	LAMINAR	TITUS TLF-AA	PROVIDE W/ 99.99% HEPA FILTER

NOTE: COORDINATE MOUNTING STYLE WITH CEILING TYPE.



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GREENE COUNTY MEDICAL CENTER  
 SURGERY RENOVATION

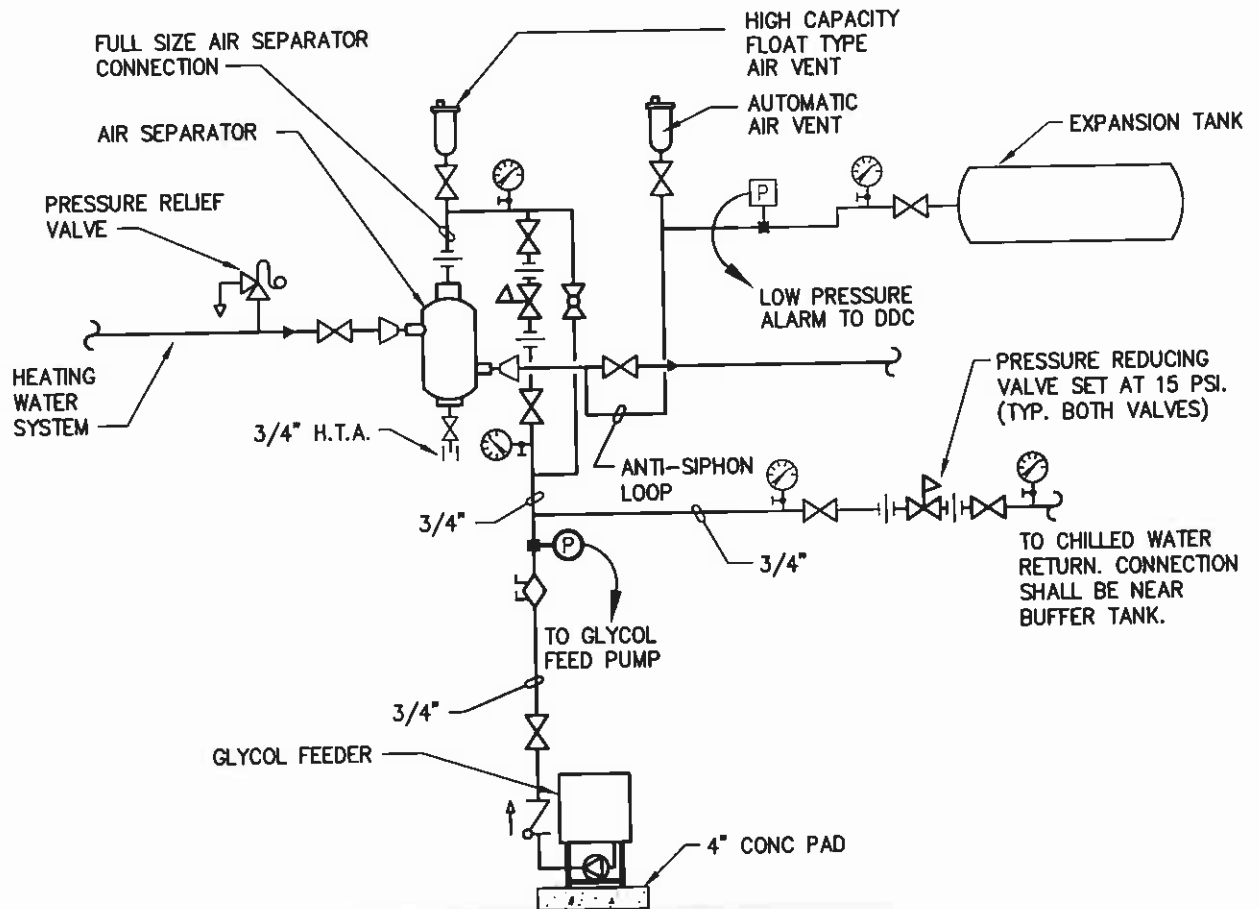
PROJECT NO.  
 409438-0

DATE	02-10-2010	SCALE	AS NOTED
DRAWN	TL5	FIELD BOOK	
APPROVED	CWN	REVISION	

SHEET NO.

**MSK-2**





(HEATING WATER & LOW TEMP CHILLED WATER)

# AIR SEPARATOR/DIAPHRAGM TYPE EXP. TANK DETAIL

7

NOT TO SCALE



ADD



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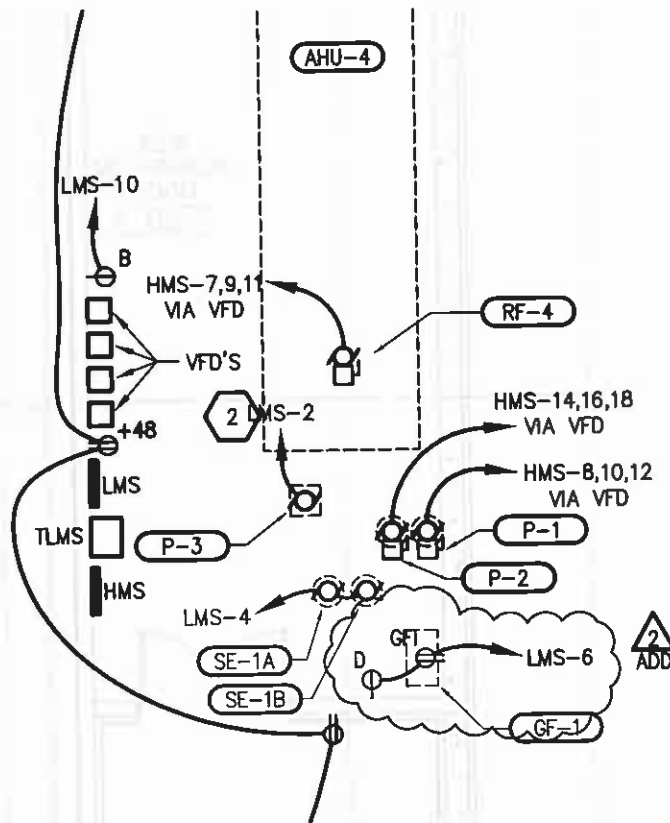
GREENE COUNTY MEDICAL CENTER  
SURGERY RENOVATION

PROJECT NO.  
409438-0

DATE	02-10-2010	SCALE	AS NOTED
DRAWN	TLS	FIELD BOOK	
APPROVED	CWN	REVISION	

SHEET NO.

**MSK-4**



## MECHANICAL ROOM 102 PARTIAL PLAN

1/8" = 1'-0"

### PARTIAL SYMBOL LIST

- $\Phi^*$  SPECIAL RECEPTACLE WALL MOUNTED +18" O.C. UNO  
 A = SURGICAL LIGHT CONTROLLER — PROVIDE ROUGH-IN FOR OWNER PROVIDED, CONTRACTOR INSTALLED CONTROLLER.  
 B = DDC PANEL — PROVIDE 120V CONNECTION  
 C = CHILLER HEAT TRACE SYSTEM — PROVIDE 120V CONNECTION IF CHILLER ALTERNATE IS ACCEPTED. COORDINATE ARRANGEMENTS WITH MECHANICAL CONTRACTOR.  
 $\triangle$  2 ADD D = TRAP PRIMER — PROVIDE 120V CONNECTION. COORDINATE ARRANGEMENTS WITH MECHANICAL CONTRACTOR.



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#### GREENE COUNTY MEDICAL CENTER SURGERY RENOVATION

PROJECT NO.  
409438-0

DATE	02-05-2010	SCALE	AS NOTED
DRAWN	TMM	FIELD BOOK	E1.01
APPROVED	NES	REVISION	ADDENDUM #2

SHEET NO.

**ESK-1**