

ADDENDUM No. 2
Issued: 5/13/11

BID PACKAGE NO. 3A: General Trades, Millwork & Fire Shutter Doors
Grandview Medical Center: West Wing Addition
ADDENDUM No. 2
May 13, 2011

Owner

Grandview Medical Center
405 Grand Avenue
Dayton, OH 45405

Architect

Karlsberger
90 East Main Street
Columbus, Ohio 43215

Construction Manager

Danis
3233 Newmark Dr.
Miamisburg, OH 45342

TO ALL BIDDERS:

The following items are revisions and clarifications to the Bid Documents for Bid Package #3A dated 2-14-11. The descriptions indicate the extent of the revisions and clarifications. This addendum supplements and amends the original Drawings and Specifications, and shall be taken into account in preparing proposals, and shall become a part of the Contract Documents.

NOTE:

Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so, may subject the bidder to disqualification.

THIS ADDENDUM CONSISTS OF (2) DANIS ADDENDUM WRITE-UP PAGES, (3) DANIS RFI/CLARIFICATION LOG PAGES, (18) KARLSBERGER WRITE-UP PAGES AND (41) REVISED DRAWING SHEETS.

CLARIFICATIONS REGARDING ADDENDUM:

1. This addendum contains (3) Danis RFI/Clarification log pages. All items highlighted in gray have been answered and/or clarified. All items in white will be answered in future addendum by the Architect.
2. There are (18) Karlsberger 'Bulletin 5' Write up pages. This write-up includes revisions to the existing specifications, explanation and summary of reissued drawings, and two reissued specification sections: 08 71 11 – Finish Hardware Schedule and 26 05 20 – Low Voltage Electrical Power Cables.
3. There are (41) reissued drawings. The reissued drawings are as follows: AD-01, A1-010, A1-010A, A1-010B, A1-011, A1-020, A1-020A, A1-020B, A1-020D ALT, A1-020E ALT, A1-030, A1-030A, A1-030B, A1-030E, A1-031, A1-040, A1-040 ALT, A1-040B ALT, A1-050, A1-060, A2-002, A4-001, A5-003, A5-005, A6-010, A6-030; S1-030, S1-040, S1-060, S1-070, S1-080, S2-002, S2-014, S2-015, S3-008, S6-003, H2-010, H2-011, P2-010, P2-011, P3-011. These drawings shall be obtained from the Danis ftp site under Bid Package # 3A, Addendum # 2.
4. Under specification section 00 24 13 – Scope of Bids BC-14 General Trades, Item C.47 shall be revised to say the following: This contractor shall include a labor and material allowance of \$20,000 for MEP patching AND Fireproof Patching as required in the renovation areas on the first through the sixth floor. This contractor shall also include the following allowances within their alternate number:
 - i. Alternate # 1: \$5,500
 - ii. Alternate # 2: \$2,500

- iii. Alternate # 3: \$500
- ~~iv. Alternate # 4: \$5,000~~
- v. Alternate # 9: \$2,500

- 5. Under specification section 00 24 13 – Scope of Bids BC-14 General Trades, Add Item B.8 to state the following: Exclude all site demolition (including note 18 on AD-01 that was issued as part of this addendum).

Grandview Medical Center
 West Wing Addition
 Bid Package # 3A- General Trades, Millwork & Fire Shutter Doors
 RFI LOG
 13-May-11

RFI No.	Description
1	Question: Is there a sixth fire door @ or near the atrium? I was unable to find this sixth door, could you please clarify? Answer:
2	Question: Fire barriers for roof expansion joints. Please clarify who has what? Answer: The roofer has type (11): Roof Expansion bellows. The Drywall contractor has all type (3)s, (5)s, and (6)s. The general trades contractor shall furnish and install all other expansion joints.
3	Question: Finishing on fire shutters? The specifications are unclear on fire shutters. Please clarify what and where the fire shutters are to be finished with? Answer:
4	Question: Please clarify the metal lockers. Are they to be two-tier or three-tier at elevation 3.9.030? Answer:
5	Question: Please provide elevations for the following rooms: 3.9.034 (millwork and fire shutter doors), 3.9.037, 3101, 1.9.013, 3002 and 3106. Answer: Room 1.9.013 was answered per Addendum # 2 for BP # 3A, however, clarification for the rest of these rooms is needed.
6	Question: Please provide locations and details for the MechoShades. Answer:
7	Question: Please provide locations, specifications, and details for the marker board, tack board, and media board cabinets. Answer:
8	Question: Please provide a specification for the 'Fairfield' Rail as shown at PACU waiting per 9/A1-701. Answer:
9	Question: Please provide locations for Fire Extinguishers Cabinets and fire extinguisher. Answer:
10	Question: Locations/Details of admitting desk. They currently show it directly adjacent to a column and there will be no space for chairs. I have the millwork contractors bidding per the elevation only at this time. Also, please confirm there is an admitting desk on the third floor as well. Answer:
11	Question: Detail 12/A2 004A shows an opening. Demo drawings for the second floor (AD 02A) do not show removal of existing brick in concrete foundation wall. Structural drawing detail 33/S2 008 indicates opening for louver. The mechanical drawing, H2 022, indicates a new louver to be 60" x 120". Please confirm that demolition of existing brick and new louver installation is required. Answer:

12	Question: Opening 1.9.009 is shown on drawing A1 010 but not the door schedule A4 001. Please advise.
	Answer:
13	Question: Opening 1.9.16 and 1.9.18 are shown on plan drawing A1 010 and listed on door schedule A4 001 but not detailed.
	Answer:
14	Question: Please clarify if sheet A1 020E ALT and door openings 2380a-2396 are part of an ALTERNATE. Which alternate?
	Answer: This sheet is for alternate # 9 and all of these door openings shall be part of your alternate # 9 pricing.
15	Question: Opening 2.9.57 is listed on the third floor of door schedule A4 001 but not shown on the drawings. Please advise.
	Answer: This has been removed from the door schedule per Addendum # 2 for Bid Package # 3A.
16	Question: The opening for the Alternate #2 (gift shop/pharmacy) do not appear on the door schedule A4 001. Please advise.
	Answer: This is addressed per Addendum # 2 for BP # 3A, revised sheet A4 001.
17	Question: Does conference room 3019 receive a new BL-C? Please advise.
	Answer:
18	Question: Per BP3a addenda #1, item #2, is alternate #4 to be deleted or does the alternate become part of the base bid? Please advise.
	Answer: Alternate #4 has been deleted altogether. It does NOT need to be added in your base bid or priced as an alternate.
19	Question: Please confirm if an automatic door operator is required at Door Opening 1.9.006?
	Answer:
20	Question: Item 40 in BC-14 of spec section 00 24 13 scope of work says the GT contractor is to install owner-furnished items with a list ending in etc. Please define what etc. means beyond the list included - are owner desks, shelving, casework, pictures, signage included? Can you specify an allowance for etc.?
	Answer: All that is meant by 'etc.' is anything shown on the drawings above and beyond that list that says OFCI (Owner Furnished, Contractor Installed) is to be included in your bid.
21	Question: Who receives and installs headwalls?
	Answer: By others. Not in this bid package.
22	Question: Question A-115 from the bid manual (addendum # 4) - "...GC to provide allowance for this". Please define allowance if we are to include in our bid.
	Answer: BC-14 does not have any work other than blocking for this. Elevation will be provide in future addendum.
23	Question: Alternate 1 - Elevation 7/A1 700 appears to have handrail on the corridor walls but sheet A7 040A doesn't show any handrail on this side of the corridor. Please clarify if handrail is required and to what extent.
	Answer:

24	Question: Alternate 1 - Elevation 6/15 040 shows two rows of handrail (WP-6) in two locations. Is this correct? I don't really understand the answer to question 152 about this area.
	Answer:
25	Question: Alternate # 2 -
	a. Please provide door/frame/hardware information for openings 2101, 2102. 2101 is shown on reissued A4 001 drawing per addendum # 2 of BP # 3A. 2102 is standard HM with openings for glass. Please reference dimensions on A1 020D ALT and A6 004 ALT.
	b. The floor plan show a 3-lite borrowed lite south of door 2102 but elevation 2/A6 004ALT shows a 4-lite BL. Please clarify which is correct.
	c. Are we to provide miscellaneous blocking for the OF gift shop or pharmacy casework/shelving? Yes.
	d. Are we to install the OF gift shop and pharmacy casework/shelving? No.
	Answer: See above.
26	Question: Alternate 3 - Are we to remove the large sliding door and replace it with door 2.9.57? If so, please provide door/frame/hardware information? If so, is there any wall demo, ceiling demo or flooring demo associated with the door removal?
	Answer:
27	Question: Alternate 5 -
	a. Are we to demo the existing louvers? Window demolition is by others, correct? Yes, General Trades (BC-14) to demo existing louvers and Yes window demolition is by others.
	b. Do you know the sizes and type of louvers we are to install? Are the small rectangles below windows louvers? If no sizes are provided, please scale the drawings. Please reference 10200 - Louvers and Vents for types. Not sure what is meant by 'small rectangles.'
	c. Is there any new louver above the 29' long storefront glazing? Yes, there is a new louver above the storefront per elevation 7/A2 003A.
	Answer: See above.
28	Question: Alternate 9 - Is the demolition in this area part of the alternate or the base bid?
	Answer: Yes, the selective demolition is part of the alternate pricing NOT the base bid.
29	Question: Alternate #9 - Doors 2380A, 2380B, 2381A, 2381B, 2383, 2385, 2394T, 2395, 2396 do not have any information about type or hardware. Please clarify.
	Answer: Please see reissued drawing A4 001 per Addendum # 2, BP #3A.

Also, issued as Addendum # 2 for Bid Package # 3A (Total of 18 write-up pages and 41 reissued drawings).

BULLETIN

Project	Grandview Medical Center West Wing Addition Bid Package 3 – West Wing Addition 405 West Grand Avenue Dayton, Ohio 45405	Bulletin No.	Five (5)
To	Danis 3233 Newmark Drive Miamisburg, Ohio 45342	Date Issued	May 5, 2011
		K Project No.	20-0149AA-000
		Contract For	
		Contract Date	

Description of Change

Refer to attached Pages 2 through 7, inclusive, for description of change(s).

End of Description of Change

ATTACHMENTS

Refer to the end of Bulletin No. 5.

Contractor shall supply the following as an attachment:

- A. Quantities and unit costs of materials
- B. Man hours and hourly rates for each class of labor
- C. Profit and overhead
- D. Other direct costs

Revision sum stated below shall be total of all costs involved.

The contract time will be (increased) (decreased) (unchanged) by calendar days.

This price will be valid for thirty (30) days from date signed by contractor.

To be signed in sequence indicated. The contractor's signature indicates he will complete the work indicated for the sum indicated above. When signed by the owner and architect, this bulletin shall become a part of the contract documents and the contractor shall proceed with listed changes.

CONTRACTOR (1ST SIGNATURE)

ARCHITECT (2ND SIGNATURE)

OWNER (3RD SIGNATURE)

Danis _____

Karlsberger Architecture Inc. _____

Kettering Health Network _____

3233 Newmark Drive _____

99 East Main Street _____

405 West Grand Avenue _____

Miamisburg, Ohio 45342 _____

Columbus, Ohio 43215 _____

Dayton, Ohio 45405 _____

BY _____

BY _____

BY _____

DATE _____

DATE _____

DATE _____

Note: Owner shall sign above only if change and adjustment in contract sum are acceptable. If not acceptable, Owner shall initial rejection at right and return to architect with comments.

[Owner's Initials]
[Change Order Rejected]

CC:

- 5.1 SECTION 08 71 11 – FINISH HARDWARE SCHEDULE
1) Delete existing Finish Hardware Schedule and substitute revised Finish Hardware Schedule, issued as an attachment.
- 5.2 SECTION 26 05 20 – LOW VOLTAGE ELECTRICAL POWER CABLES, METAL CLAD “MC” CABLE
1) Add new Section 26 05 20 – Low Voltage Electrical Power Cables, Metal Clad “MC” Cable, attached.
- 5.3 RFI NO. 105: Add a new Door No. E204 to the Second Floor of the Boiler Room of the CUP Building per attached RFI No. 105 dated February 21, 2011 with response dated May 5, 2011.
- 5.4 SHEET AD-01 – FIRST FLOOR DEMOLITION PLAN
1) Delete existing Sheet AD-01 and substitute revised 30” x 42” Sheet AD-01, attached. Revisions include, but are not limited to:
a) Remove existing asphalt and base gravel. Replace with clean dirt, backfill approximately 8’-0” W x 30’-0” L.
- 5.5 SHEET A1-010 – OVERALL FLOOR PLAN 1/8”
1) Delete existing Sheet A1-010 and substitute revised 30” x 42” Sheet A1-010, attached. Revisions include, but are not limited to:
a) Revise PR Office 1.9.001 to furr out walls to enclose existing plumbing passing through the remodeled/recloned area.
b) Add a pair of doors 1.9.003 at Vestibule 1.9.003.
c) Revise elevator/lift machine room to combine the machines and to furr out walls for existing plumbing to pass.
d) Cut a 16” x 16” hole into concrete wall and add a 16” x 16” B-labeled access panel. Bottom of panel to be 4” above finished floor of tunnel. Field verify.
e) Elevator doors (slides revised in Bid Package 2C – Superstructure; info only).
- 5.6 SHEET A1-010A – FIRST FLOOR PLAN A – 1/4”
1) Delete existing Sheet A1-010A and substitute revised 30” x 42” Sheet A1-010A, attached.
a) Add (cut) an inspection hole (6” x 16” with a 1-1/2 hour rated access panel).
- 5.7 SHEET A1-010B – FIRST FLOOR PLAN B – 1/4”
1) Delete existing Sheet A1-010B and substitute revised 30” x 42” Sheet A1-010B, attached. Revisions include, but are not limited to:
a) Revise furred out walls in Office 1.9.001.
b) Clarify: Add a P-17A wall to the existing East wall to encapsulate the bituminous waterproofing.
c) Add pair of doors at Vestibule 1.9.003, cutting a doorway through the existing concrete wall.
d) Pantry 1.9.004 east wall, add P-17A wall to encapsulate bituminous waterproofing.
e) Compressor Rack 1.9.005, add P-17A wall to encapsulate bituminous waterproofing.
f) Staging Receiving, add P-17A wall partition to encapsulate bituminous waterproofing.
g) Elevator/Lift Machine Room 1.9.008, combine the rooms, delete center wall, delete 2-hour horizontal shaftwall ceiling now exposed and painted. Add P-4A wall to the south to frame PVC plumbing stack out of the Machine Room, P-17A furred wall on west stack space, P-17A furred wall on west and south walls to encapsulate bituminous waterproofing from existing building.
h) Revise Elevator door to east. Sliding doors by Elevator Contractor.
i) Add ADA bench at Women’s Restroom/Lockers 1.9.014 (No. 2 comment, letter City of Dayton).
j) Add ADA bench at Men’s Restroom/Lockers 1.9.012 (No. 2 comment, letter City of Dayton).
k) Add casework to Break Room 1.9.013, Elevation A5-005.

- l) Change Door 1.9.004A to 1.9.005 to match Room 1.9.005 and Compressor Rack.
- 5.8 SHEET A1-011 – FIRST FLOOR REFLECTED CEILING PLAN – 1/8"
- 1) Delete existing Sheet A1-011 and substitute revised 30" x 42" Sheet A1-011, attached. Revisions include, but are not limited to:
 - a) Ceiling heights revised to reflect 9'-0" in the Kitchen and Hood areas, Pot Pan Wash Clean, Cart Wash, and 8'-0" in all other ancillary rooms.
 - b) Delete 2-hour shaftwall ceiling in Elevator Lift Machine Room 1.9.008 to exposed concrete ceiling, paint as plumbing was relocated.
 - c) Add header drops for ceiling differences, Detail 14/A6-010.
- 5.9 SHEET A1-020 – OVERALL SECOND FLOOR PLAN – 1/8"
- 1) Delete existing Sheet A1-020 and substitute revised 30" x 42" Sheet A1-020, attached. Revisions include, but are not limited to:
 - a) Revise Central Registration 2.381. See Sheet A1-020E ALT for large plan.
 - b) Revise the Pharmacy/Gift Shop and Corridor 2.104. See Sheet A1-020D ALT for large plan.
 - c) New flooring added between the existing Men's Toilet 2.022 and the elevator shaft behind Receptionist Desk. Carpet to match in Central Registration.
 - d) Add note to existing columns: "Field verify locations of existing columns. Reception Desk may change orientation."
 - e) Add note to existing elevator shaft adjacent to existing IT Room 2396: "NOTE: Elevator to be parked at the First Floor elevation 758'-8-1/2". All power, hydraulics, mechanics, etc. to be terminated. All fluids to be drained, all structural steel guides, rails, tracks to be removed to 2'-0" below the Second Floor elevation of 768'-7-1/8". Bolt 6x6x1/2 angles to the block wall, metal deck and pour 4'-2" lightweight concrete and pour level to the IT Room floor. Demolish the west wall to open and enlarge the IT Room into the decommissioned elevator shaft."
- 5.10 SHEET A1-020A – SECOND FLOOR PLAN A – 1/4"
- 1) Delete existing Sheet A1-020A and substitute revised 30" x 42" Sheet A1-020A, attached. Revisions include, but are not limited to:
 - a) Clarify Aluminum Doors 2.9.024A and 2.9.024B to the outdoor dining.
- 5.11 SHEET A1-020B – SECOND FLOOR PLAN B – 1/4"
- 1) Delete existing Sheet A1-020B and substitute revised 30" x 42" Sheet A1-020B, attached. Revisions include, but are not limited to:
 - a) Area between existing Men's Toilet Room 2.022 and the elevators to be carpet to match and included in the cost of the Admitting and PTA on Sheet A1-020E ALT.
- 5.12 SHEET A1-020D ALT – ALT. SECOND FLOOR GIFT SHOP – 1/4"
- 1) Delete existing Sheet A1-020D ALT and substitute revised 30" x 42" Sheet A1-020D ALT, attached. Revisions include, but are not limited to:
 - a) Revised Gift Shop and Pharmacy floor plan and reflected ceiling plan.
- 5.13 SHEET A1-020E ALT – ALT. SECOND FLOOR PLAN E – 1/4"
- 1) Delete existing Sheet A1-020E ALT and substitute revised 30" x 42" Sheet A1-020E ALT, attached. Revisions include, but are not limited to:
 - a) Revise Central Registration 2.331 walls between cubicles to be gypsum board type walls.
 - b) Cubicle desks changed from Systems Furniture to casework/millwork. See Elevation A5-005.
 - c) In some cases, existing columns need to be verified as to their existence and location.

- d) Add demo, floor and elevation notes to describe floor infill of the elevator shaft adjacent to the existing IT Room.
- 5.14 SHEET A1-030 – OVERALL THIRD FLOOR PLAN – 1/8"
- 1) Delete existing Sheet A1-030 and substitute revised 30" x 42" Sheet A1-030, attached. Revisions include, but are not limited to:
- a) Revise wing walls on Holding Bay from P-2A walls full gypsum board to structure, to Type P-1A walls with gypsum board 6" above ceiling.
- b) Revise Central Workstation PACU 3.9.040 and Meds 3.9.041, relocating a handwashing sink to the east of column line C5.
- c) Revise Balcony framing and false columns and glass guard rail at Waiting 3.9.042 and associated Details 9/A6-030 and 16/A6-030.
- 5.15 SHEET A1-030A – THIRD FLOOR PLAN A – 1/4"
- 1) Delete existing Sheet A1-030A and substitute revised 30" x 42" Sheet A1-030A, attached. Revisions include, but are not limited to:
- a) Change Holding Bay side walls from P-2A partition type to P-1A.
- 5.16 SHEET A1-030B – THIRD FLOOR PLAN B – 1/4"
- 1) Delete existing Sheet A1-030B and substitute revised 30" x 42" Sheet A1-030B, attached. Revisions include, but are not limited to:
- a) Revise the PACU 3.9.040 Nurse Station and Meds 3.9.041 to give access from the PACU to the meds through the wall. Relocate handwashing sink to east side of column line C5.
- b) Revise Balcony false columns and glass guard railing and associated sections and Details 9/A6-030, 16/A6-030 and 2/A6-030.
- c) Add Elevation 16/A5-003 to Room 3002 – Anesth. Lounge/Education.
- d) Add Elevation 15/A5-003 to Room 3107 OR Lounge.
- 5.17 SHEET A1-030E – THIRD FLOOR PLAN E – 1/4"
- 1) Delete existing Sheet A1-030E. Revisions include, but are not limited to:
- a) Reduce Scope of Remodeling: Delete Sheet A1-030E and associated architectural and PME work from the Scope of Work of the West Wing project. Sheets included:
- FS2-030 – Third Floor Fire Suppression, Third Floor Plan, 1966 Building
P2-034 – 1966 Third Floor Plan – Removals and New Work
H2-033 – 1966 Building Third Floor Plan
H2-034 – 1966 Building Third Floor Removals
E1-034 – 1966 Building Third Floor Lighting, Power, Systems and Removal
- 5.18 SHEET A1-031 – THIRD FLOOR REFLECTED CEILING PLAN – 1/8" = 1'-0"
- 1) Delete existing Sheet A1-031 and substitute revised 30" x 42" Sheet A1-031, attached. Revisions include, but are not limited to:
- a) Revise reflected ceiling associated with the change to the PACU 3.9.040 and Meds 3.9.041.
- 5.19 SHEET A1-040 – OVERALL FOURTH FLOOR PLAN – 1/8"
- 1) Delete existing Sheet A1-040 and substitute revised 30" x 42" Sheet A1-040, attached. Revisions include, but are not limited to:
- a) Delete the double 8' x 6' patient room windows and replace with 1 – 5' x 6' patient window to be installed in the existing south wall of the 1984 building, relocated between existing structural braces.

- 5.20 SHEET A1-040 ALT – OVERALL FOURTH FLOOR PLAN – 1/8" ALT.
1) Delete existing Sheet A1-040 ALT and substitute revised 30" x 42" Sheet A1-040 ALT, attached. Revisions include, but are not limited to:
a) Revise windows in Patient Rooms 4.9.001 and 4.9.002. A new window in Patient Room 4.9.002, the existing window of the 1984 building is the patient room window for Patient Room 4.9.001.
- 5.21 SHEET A1-040B ALT – FOURTH FLOOR PLAN B – 1/4"
1) Delete existing Sheet A1-040B ALT and substitute revised 30" x 42" Sheet A1-040B ALT, attached. Revisions include, but are not limited to:
a) Revise the exterior wall at Patient Rooms 4.9.001 and 4.9.002 for window between diagonal bracing, and the existing window becomes the patient room window for Room 4.9.001.
- 5.22 SHEET A1-050 – OVERALL FIFTH FLOOR PLAN – 1/8"
1) Delete existing Sheet A1-050 and substitute revised 30" x 42" Sheet A1-050, attached. Revisions include, but are not limited to:
a) Delete the double windows 8' x 6' patient room windows and replace with 1 – 5' x 6' window installed in the existing south wall of the 1984 building, located between the existing structural braces.
- 5.23 SHEET A1-060 - PENTHOUSE / ROOF PLAN – 1/8"
1) Delete existing Sheet A1-060 and substitute revised 30" x 42" Sheet A1-060, attached. Revisions include, but are not limited to:
a) Revise the size of the future elevator pit for updated information for seismic information received from Otis Elevator on the GEN-2 future elevator.
- 5.24 SHEET A2-02 – SOUTH ELEVATION
1) Delete existing Sheet A2-02 and substitute revised 30" x 42" Sheet A2-02, attached. Revisions include, but are not limited to:
a) Revise the windows on the South elevation of the existing 1984 building. Delete the two 8' x 6' windows (2 on each floors of 4 and 5), and replace with 1 each floor, 5' x 6' window, located between the existing structural braces. Note: The existing windows become the patient room windows for Rooms 4.9.001 and 5.9.001 in the future.
b) Add a 4" brick and block back-up to the base of the metal "fin" at the grade.
- 5.25 SHEET A4-001 – DOOR SCHEDULE
1) Delete existing Sheet A4-001 and substitute revised 30" x 42" Sheet A4-001, attached.
- 5.26 SHEET A5-003 – INTERIOR ELEVATIONS THIRD FLOOR
1) Delete existing Sheet A5-003 and substitute revised 30" x 42" Sheet A5-003, attached. Revisions include, but are not limited to:
a) Add Elevations 17 and 18 for P.A.T. Central Registration and Lab.
b) Add Elevation 15 – Physicians Lounge 3107.
c) Add Elevation 16 – Anesth. Lounge/Education.
- 5.27 SHEET A5-005 – MISCELLANEOUS INTERIOR ELEVATIONS AND DETAILS
1) Delete existing Sheet A5-005 and substitute revised 30" x 42" Sheet A5-005, attached. Revisions include, but are not limited to:
a) Add ADA bench for Locker Rooms 1.9.014 and 1.9.012.
b) Add casework elevation for Patient Registration.
c) Add casework to First Floor Break Room 1.9.013.

- 5.28 SHEET A6-010 – FIRST FLOOR INTERIOR DETAILS
1) Delete existing Sheet A6-010 and substitute revised 30" x 42" Sheet A6-010, attached. Revisions include, but are not limited to:
a) Add Detail 15 through new concrete wall at Compressor Room to run kitchen conduit.
- 5.29 SHEET A6-030 – THIRD FLOOR INTERIOR DETAILS
1) Delete existing Sheet A6-030 and substitute revised 30" x 42" Sheet A6-030, attached. Revisions include, but are not limited to:
a) Revise Details 11/A6-030 and 16/A6-030 for revisions and clarifications in the fire shutter jamb and head details and the glass guard rail.
- 5.30 SHEET S1 030 – THIRD FLOOR FRAMING PLAN
1) Delete existing Sheet S1 030 and substitute revised 30" x 42" Sheet S1 030, attached. Revisions include, but are not limited to:
a) Update landing size at stairwell and define passageway opening through shearwall.
b) Delete the HSS5x2 1/2x1/4" tubes from on top of the W18 girders running along existing centerlines B and C.
- 5.31 SHEET S1 040 – FOURTH FLOOR FRAMING PLAN
1) Delete existing Sheet S1 030 and substitute revised 30" x 42" Sheet S1 040, attached. Revisions include, but are not limited to:
a) Update landing size at stairwell.
- 5.32 SHEET S1 060 – SIXTH FLOOR/PENTHOUSE PLAN
1) Delete existing Sheet S1 060 and substitute revised 30" x 42" Sheet S1 060, attached. Revisions include, but are not limited to:
a) Updated anchor bolts for channel frame around top of B/2 shaft to match previous narrative.
b) Updated the location of the future elevator pit nearest B/6. Centerline A.9 shifts south to accommodate the larger size.
- 5.33 SHEET S1 070 – PENTHOUSE ROOF FRAMING PLAN
1) Delete existing Sheet S1 070 and substitute revised 30" x 42" Sheet S1 070, attached. Revisions include, but are not limited to:
a) Shift centerline A.9 at the future elevator shaft opening.
b) Dimension the roof beams around these openings nearest B/6.
- 5.34 SHEET S1 080 – HELIPAD STAIR LANDING and ROOF FRAMING PLANS
1) Delete existing Sheet S1 080 and substitute revised 30" x 42" Sheet S1 080, attached. Revisions include, but are not limited to:
a) Shift centerline A.9 at the future elevator shaft opening.
b) Dimension the roof beams around these openings nearest B/6.
- 5.35 SHEET S2 002 – CONCRETE BEAM SCHEDULE
1) Delete existing Sheet S2 002 and substitute revised 30" x 42" Sheet S2 002, attached. Revisions include, but are not limited to:
a) Revise bottom rebar and stirrups in beams B620 and B621 for larger future elevator.
- 5.36 SHEET S2 014 – CONCRETE DETAILS
1) Delete existing Sheet S2 014 and substitute revised 30" x 42" Sheet S2 014, attached. Revisions include, but are not limited to:

- a) Section 74, show embedded plate for installation of glass handrail. Exact location needs to be coordinated with glass handrail shop drawings. Enlarged Section 74A added.
- b) Section 75, added notes regarding permissible slot size and location for layout of Halfen anchors.

5.37 SHEET S2 015 – CONCRETE DETAILS

- 1) Delete existing Sheet S2 015 and substitute revised 30" x 42" Sheet S2 015, attached. Revisions include, but are not limited to:
 - a) Section 90A, show 5/16" bent plate to match coping support shown on 9/A3 001.
 - b) Section 94, update the future elevator pit section for a heavy duty beam connection to support the buffer beams. Note that north edge of elevator pit now has a 2-1/2" overhang to be removed in future if required for pit ladder or other access.

5.38 SHEET S3 008 – METAL STUD AND MASONRY BLOCK WALL TYPICAL DETAILS

- 1) Delete existing Sheet S3 008 and substitute revised 30" x 42" Sheet S3 008, attached. Revisions include, but are not limited to:
 - a) Delete the current section BB showing 6" metal studs to create the "stubby wings" on either side of the curtainwall. Instead provide new sections BB, CC, DD showing 3-5/8" metal studs bearing on HSS2x2 outriggers. Note that George Steel acknowledges that Danis directed all bidders to include this material during the pre-bid RFI so to match sections 12/A3 004 and 16/A3 003.
 - b) Add details for the steel jambs and metal stud box header over the fire shutters.

5.39 SHEET S6 003 – ATRIUM SECTIONS

- 1) Delete existing Sheet S6 003 and substitute revised 30" x 42" Sheet S6 003, attached. Revisions include, but are not limited to:
 - a) Section 318, update to show the top of the fire shutter connect to the roof steel.

5.40 SHEET H2-010 – FIRST FLOOR DUCTWORK

- 1) Delete existing Sheet H2-010 and substitute revised 30" x 42" Sheet H2-010, attached. Revisions include, but are not limited to:
 - a) Revise ductwork and piping layout to accommodate 9'-0" ceiling height in areas of the kitchen.

5.41 SHEET H2-011 – FIRST FLOOR PIPING

- 1) Delete existing Sheet H2-011 and substitute revised 30" x 42" Sheet H2-011, attached. Revisions include, but are not limited to:
 - a) Revise ductwork and piping layout to accommodate 9'-0" ceiling height in areas of the kitchen.

5.42 SHEET P2-010 – FIRST FLOOR WATER AND GAS

- 1) Delete existing Sheet P2-010 and substitute revised 30" x 42" Sheet P2-010, attached. Revisions include, but are not limited to:
 - a) Revise plumbing layout to accommodate 9'-0" ceiling height in areas of the kitchen

5.43 SHEET P2-011 – FIRST FLOOR SANITARY

- 1) Delete existing Sheet P2-011 and substitute revised 30" x 42" Sheet P2-011, attached. Revisions include, but are not limited to:
 - a) Revise plumbing layout to accommodate 9'-0" ceiling height in areas of the kitchen

- 5.44 SHEET P3-011 – SANITARY DIAGRAMS
- 1) Delete existing Sheet P3-011 and substitute revised 30" x 42" Sheet P3-011, attached. Revisions include, but are not limited to:
 - a) Revise sanitary diagram per floor plan changes.

END OF BULLETIN NO. 5

ATTACHMENTS: Section 08 71 11 – Finish Hardware Schedule
Section 26 05 20 – Low Voltage Electrical Power Cables, Metal Clad "MC" Cable
RFI No. 105 dated February 21, 2011
Drawing Sheet Nos. AD-01, A1-010, A1-010A, A1-010B, A1-011, A1-020, A1-020A, A1-020B, A1-020D ALT, A1-020E ALT, A1-030, A1-030A, A1-030B, A1-030E, A1-031, A1-040, A1-040 ALT, A1-040B ALT, A1-050, A1-060, A2-002, A4-001, A5-003, A5-005, A6-010, A6-030; 30" x 42".
Drawing Sheet Nos. S1-030, S1-040, S1-060, S1-070, S1-080, S2-002, S2-014, S2-015, S3-008, S6-003, H2-010, H2-011, P2-010, P2-011, P3-011; 30" x 42".

	SET NUMBER										DESCRIPTION			
	21	22	23	24	25	26	27	28	29	30				
HARDWARE TYPES	HINGES	3								3		Std. BB (Hager BB1279, 4.5" x 4.5")	DOOR CONTROL GROUP "A" - Wall Stop (Ives WS402CCV) "B" - Floor Stop (Ives FS13/14) "C" -Conc. O.H. Stop (Rixson No. 2) "D" - HD. Conc. O.H. Stop (Rixson No. 1) "E" - HD. Surf. O.H. Stop (Rixson No. 9) "F" - Not Used "G" - Not Used "H" - Wall Mag. (FM998 - 3-5/8" Projection) "J" - Wall Mag. (FM997 - 2-5/8" Projection) "Z" - None	
				1	1	2	1				2	Continuous Hinges (Roton 780-224HD)		
						2								Power Transfer (Von Duprin EPT-10)
								1	1					Continous Hinge x ETW (Roton 780-224HD x ETW)
	LOCKS & LATCHES	1			1		1						Storeroom (Sargent SG-8204)	"I" - None DOOR PROTECTION GROUP "1" - Armor Plate & Edge Protector - 34" High "2" - Kickplate - 12" High "3" - Kickplate - 16" High "4" - Not Used "5" - Not Used "6" - None
		1			1		1						Electric Strike - Fail Secure (Von Duprin 6000 Series)	
				1									Hospital Latch (Sargent SG-114)	
									1				Delayed Egress Mag Lock (Locknetics 390DEL)	
									1				Electric Lock - Fail Safe (Sargent SG-8270 x Lynx)	
										1			Passage (Sargent SG-8215)	
	EXIT DEVICES					1							Surf. VR. - ELR - LBR - Exit Only - Less Dogging (Sargent LD-SG-56-NB-8710)	"1" - Armor Plate & Edge Protector - 34" High "2" - Kickplate - 12" High "3" - Kickplate - 16" High "4" - Not Used "5" - Not Used "6" - None
						1							Surf. VR. - ELR - LBR - Storeroom - Less Dogging (Sargent LD-SG-56-NB-8746)	
									1				UL. Mortise w/Electric Trim (Sargent SG-12-8976)	
											2		UL Surf. V.R. - LBR - Exit Only (Sargent SG-12-NB-8710)	
	BOLTS													GENERAL NOTES - THIS SHEET ONLY 1. ELR Devices to be normally projected, securing doors from pull side. Upon signal from card reader system or auto door operator, ELR devices shall immediately unlatch, door cycle open, time out, then close, and ELR devices shall relatch door. Upon fire alarm, ELR devices shall remain latched. Auto door operator shall cease function during fire alarm. 2. Electric Lock and mag lock are normally locked. Upon Card Reader signal, both mag lock and outside trim of electric lock shall momentarily release, time out, then relock. Upon fire alarm, mag lock and outside trim of electric lock shall unlock.
	CLOSERS	1		1			1				1		Delayed Action (Sargent DA-SG-TB-281)	
					1			1	1		2		Regular (Sargent SG-TB-281)	
	MISCELLANEOUS	X			X	X	X	X	X				Card Reader by Others	
					1		1	1				Power Supply		
		X										All Hardware by Door Supplier		
X				X		X						Power Supply through Card Reader System		
										1		Set - Perimeter Seals		
					1					1		Smoke Astragal		
					X							Automatic Door Operator by Others		
					X							Refer to General Note No. 1 - This Sheet Only		
						X	X				Connect to Fire Alarm to Unlock Door			
							X				Refer to General Note No. 2 - This Sheet Only			

		SET NUMBER										DESCRIPTION	
		31	32	33	34	35	36	37	38	39	40		
HARDWARE TYPES	HINGES	2	2					2			2	Continuous Hinges (Roton 780-224HD)	<u>DOOR CONTROL GROUP</u> "A" - Wall Stop (Ives WS402CCV) "B" - Floor Stop (Ives FS13/14) "C" - Conc. O.H. Stop (Rixson No. 2) "D" - HD. Conc. O.H. Stop (Rixson No. 1) "E" - HD. Surf. O.H. Stop (Rixson No. 9) "F" - Not Used "G" - Not Used "H" - Wall Mag. (FM998 - 3-5/8" Projection) "J" - Wall Mag. (FM997 - 2-5/8" Projection) "Z" - None
				3								Std. BB - NRP (Hager BB1279, 4.5" x 4.5", NRP)	
					3				3	3		Std. BB (Hager BB1279, 4.5" x 4.5")	
						1	2					Continuous Hinge - Swing Clear (Roton 780-041HD)	
								2				Power Transfer (Von Duprin EPT-10)	
	LOCKS & LATCHES		2									Push Plate (Rockwood 70 x 32DMS, 4" x 16")	<u>DOOR PROTECTION GROUP</u> "1" - Armor Plate & Edge Protector - 34" High "2" - Kickplate - 12" High "3" - Kickplate - 16" High "4" - Not Used "5" - Not Used "6" - None
				1					1			Office (Sargent SG-8255)	
					1						1	Storeroom (Sargent SG-8204)	
					1							Electric Strike - Fail Secure (Von Duprin 6000 Series)	
						1	1				1	Hospital Latch (Sargent SG-114)	
	EXIT DEVICES	1										U.L. Surf. VR. - LBR - Exit Only (Sargent SG-12-NB-8710)	"1" - Armor Plate & Edge Protector - 34" High "2" - Kickplate - 12" High "3" - Kickplate - 16" High "4" - Not Used "5" - Not Used "6" - None
		1										U.L. Surf. VR. - LBR - Classroom Function (Sargent SG-12-NB-8743)	
								2				UL Surf. VR. - ELR - LBR - Exit Only (Sargent SG-12-56-NB-8710)	
	BOLTS						1					Self Latching Top Bolt (DCI 805/905)	<u>GENERAL NOTES - THIS SHEET ONLY</u> 1. ELR Devices to be normally retracted. Upon signal from auto door operator, door shall cycle open, time out, then close. Upon fire alarm, ELR devices shall project, latching the door. Auto door operator shall cease functioning during fire alarm.
											1	Combination Flush Bolt (DCI 845/945)	
	CLOSE RS	2			1							Regular (Sargent SG-TB-281)	
			2							1		Delayed Action (Sargent DA-SG-TB-281)	
	MISCELLANEOUS	1	1				1	1			1	Smoke Astragal	
								1				Power Supply	
					X							Card Reader by Others	
								X				Automatic Door Operator by Others	
								X				Refer to General Note No. 1 - This Sheet Only	
								1	1				
					X								Power Supply through Card Reader System

		SET NUMBER										DESCRIPTION	DOOR CONTROL GROUP				
		51	52	53	54	55	56	57	58	59	60						
HARDWARE TYPES	HINGES	1	1	1		1		2	2						Continuous Hinge (Roton 780-112HD)		
					2										Continuous Hinges (Roton 780-224HD)	"A" - Wall Stop (Ives WS402CCV)	
					2											Power Transfer (Von Duprin EPT-10)	"B" - Floor Stop (Ives FS13/14)
							1									Continuous Hinge - ETW (Roton 780-112HD x ETW)	"C" - Conc. O.H. Stop (Rixson No. 2)
											6					Std. BB - NRP (Hager BB1279, 4.5" x 4.5", NRP)	"D" - HD. Conc. O.H. Stop (Rixson No. 1)
													3			Std. BB (Hager BB1279, 4.5" x 4.5")	"E" - HD. Surf. O.H. Stop (Rixson No. 9)
																	"F" - Not Used
	LOCKS & LATCHES		1												Aluminum Door Latch (Adams Rite 4900 x 4593)	"G" - Not Used	
						1									Office (Sargent SG-8255)	"H" - Wall Mag. (FM998 - 3-5/8" Projection)	
								1							Storeroom (Sargent SG-8204)	"J" - Wall Mag. (FM997 - 2-5/8" Projection)	
									1						Office (Sargent SG-8255)	"Z" - None	
											1	1			Classroom (Sargent SG-8237)		
	EXIT DEVICES		1												Narrow - Rim - Exit Only (Sargent SG-LD-8510)	"1" - Armor Plate & Edge Protector - 34" High	
				1											UL. Rim - Exit Only (Sargent SG-12-8810)	"2" - Kickplate - 12" High	
					1										U.L. Surf. VR. - ELR - LBR - Exit Only (Sargent SG-12-56-NB-8710)	"3" - Kickplate - 16" High	
					1										U.L. Surf. VR. - ELR - LBR - Storeroom (Sargent SG-12-56-NB-8746)	"4" - Not Used	
	BOLTS							1	1						Combination Flush Bolt (DCI 845/945)	"5" - Not Used	
								1	1	1					Coordinator (DCI 600 Series)	"6" - None	
										1					Set - Automatic Flush Bolts (DCI 840NH/940NH)		
	CLOSERS	1													Stop Arm-Delayed Action (Sargent DA-SG-PS-281)	GENERAL NOTES - THIS SHEET ONLY 1. ELR Devices to be normally projected, securing doors from pull side. Upon signal from card reader system or auto door operator, ELR devices shall immediately unlatch, door cycle open, time out, then close, and ELR devices shall relatch door. Upon fire alarm, ELR devices shall remain latched. Auto door operator shall cease function during fire alarm.	
			1												Delayed Action - Top Jamb Mtd. (Sargent DA-SG-281)		
				1		1									Stop Arm (Sargent SG-TB-PS-281)		
							1				2				Regular (Sargent SG-TB-281)		
	MISCELLANEOUS							2	2		1				Delayed Action (Sargent DA-SG-TB-281)		
		X	X												Threshold & Weatherstripping by Door Supplier		
				1		1									Threshold		
				1		1	1								Set - Weatherstripping		
					X		X								Card Reader by Others		
				1		1								Power Supply			
						1								Threshold - Interior Swinging Door (Zero 175A w/Drain Pan x 361 x 25A)			
				1			1	1	1					Smoke Astragal			
			X										Automatic Door Operator by Others				
			X										Refer to General Note No. 1 - This Sheet Only				

**26 05 20 LOW VOLTAGE ELECTRICAL POWER CABLES
METAL CLAD “MC” CABLE**

PART 1 - GENERAL

- 1.1 This section covers copper multi-conductor metal clad cable, Type MC. Metal clad cable constructions shall conform to UL #1569, UL 83 and N.E.C. Article 330.

PART 2 - PRODUCTS

- 2.1 Multi-Conductor Metal Clad Cable, Type MC, with copper conductors in sizes #12 thru #6 for continuous operation at a maximum conductor temperature of 90°C dry. Cables shall have Underwriters’ Laboratories labels for Metal Clad Cable and are suitable for use as branch circuits in both exposed or concealed work in accordance with the applicable sections of the National Electrical Code, Article 330.
- 2.2 Multi-conductor, Super Neutral, Metal Clad Cable, Type MC, with copper conductors in sizes #12 through #1/O AWG for continuous operation at a maximum conductor temperature of 90°C dry. Super Neutral Cable, Type MC Cables are comprised of four or more conductors with one neutral per phase for three phase, a ground for four-wire power supply systems to receptacle circuits. Cables shall have Underwriters’ Laboratories labels for Metal Clad Cable and are suitable for use in both exposed or concealed work or in accordance with the applicable sections of the National Electrical Code, Article 330. Receptacle circuits requiring separate neutrals, the neutrals shall be considered a current carrying conductor and derated per Article 310.15.
- 2.3 Health Care Facilities Multi-conductor Armored Metal Clad Cable, Type HCF-90, with copper conductors in sizes #12 through #6 kcmil for continuous operation at a maximum conductor temperature, of 90°C dry. These cables carry appropriate Underwriters’ Laboratories labels (Type ACTHH) for Health Care Facilities Armored Cable and are suitable for use as branch circuits in both exposed or concealed work in accordance with the applicable sections of the National Electrical Code, Article 330 and Article 517.
- A. Use of flexible metal conduits and types MC and HCF –90 cables is not permitted for hospital emergency system wiring per 2008 NEC 517.30 (c) (3). Note: Type HCFD-90 cable is special type MC cable with an internal insulated ground conductor identified as Health Care Facilities Multi-Conductor Armored Metal Clad Cable. NEC 517.30 (c) (3) for hospital wiring requires that, because of the need for mechanical protection of the hospital emergency system, the wiring must be installed in non-flexible raceways or wired with type MI cable. Emergency system circuits can include services, feeders and branch circuit. As described in 517.31, the emergency system in a hospital consists of the life safety branch and the critical branch. See the NEC for the requirement in 517.30 (c) (3) which recognizes that flexible connections are sometimes required for hospital equipment and for practical reasons, which permits their limited use.
- B. Types MC, HCF-90, BX and non-metallic sheathed (types NM, NMC and NMS) cables do not have an insulated redundant ground and cannot be used to serve patient care areas per 2005 NEC 517.13 (A) and (B). Patient care areas covers areas such as patient rooms, examining rooms, therapy areas, and certain patient corridors.

- 2.4 Multi-Conductor Armored Metal Clad Cable Conductors shall be copper type THHN with a full sized copper ground conductor and mylar assembly tape. MC cable type utilizing an integrated aluminum grounding/bonding conductor system as the equipment grounding conductor is not acceptable.

PART 3 – EXECUTION

- 3.1 Multi-Conductor Armored Metal Clad Cable shall be supported and installed per N.E.C. Article 330, Part B.
- 3.2 Plastic and anti-short bushing (red head) shall be inserted into the armor cover at terminations.
- 3.3 Branch circuits from panelboards shall be run in larger conduits to a central junction box containing terminal blocks and ground bar where all incoming conductors and outgoing MC cable conductors are terminated. At these terminal blocks the transition is made to type MC cable with all terminal points identified along with the circuit numbers. The Multi-Conductor Armored Metal Clad Cable runouts continue to lighting fixtures, receptacles, etc.
- 3.4 Conductors in central junction boxes shall be labeled indicating panel and branch circuit, refer to Electrical Identification; Section 26 05 53.

END OF SECTION

Issued per Bulletin 5, May 5, 2011

Project: 1714. - GMC - WEST WING PROJECT

Answer Contact:

Ted Heldenbrand

KARLSBERGER

99 E MAIN STREET

COLUMBUS, OH 43215-5189

Phone: (614) 581-0335

Fax: (614) 461-6324

Email: theldenbrand@karlsberger.com

Author Contact:

THOMAS KREMER

DANIS BUILDING CONSTRUCTION CO.

Phone: 937-313-1819

Fax: 937-274-1495

Email: tom.kremer@danis.com

Subject:

BP 2B - 2nd Floor Egress

Date Sent:

02/21/2011

Discipline:

Architectural

RFI Category:

Field Condition

Author RFI #:

Status:

CLOSED

Submittal #:

Drawing #:

Spec Section:

Schedule #:

RFI Detail Request:

Date Required: 02/28/2011

Question from Tom Kremer with Danis on 2/21/11.

The boiler room door on the North side of the building at the second floor where we are installing the new stairs is supposed to be an emergency egress from the boiler room. This door currently swings into the room and not out. The drawings do not show anything to be done to this door and frame currently. Please advise if this door and frame should be changed.

RFI Response:

Date Responded: 02/28/2011

Response from Ted Heldenbrand with Karlsberger on 2/28/11.

I have looked at pictures and hey you are right the door swings into the building and it is a lift had swing..... This is different that the existing drawings so I only walked through that door about 25 times.....I think we need to replace the door and frame with new. the door should swing out onto the landing and left handed door so the door leaf swings against the back railing of the landing to the west. We also should install new hardware etc...I am guessing it is a 3'0" x 7'-0" door needs to be field verified, lever latch 1 1/2 pr of hinges and a closer..... I will write a bulletin soon.....

Egress Door from Boiler Room E204

Door No. E204

NO.	OPENING SIZE	MAT	TYPE	GLASS	RATING	THICKNESS	FRAME MAT	HDW SET
E204	32" x 84"	HM	FL	--	--	0'-1-3/4"	AM	3A

Hardware Set 3A

- 3 Hinges – Hager BB1279 – 26D
- 1 Lockset – Corbin-Russwin CL3357 – 26D
- 1 Electric Strike – HES 1000 Series
- 1 Closer – LCH 4040 CUSH
- 1 Threshold – Reese S205A
- 1 Set Weatherstripping
- Card Reader by Owner
- Door Position Switch by Others
- Power Supply for Electric Strike by Others