



CONSTRUCTION MEETING MINUTES

UNIVERSITY OF MINNESOTA - DULUTH James I. Swenson Science Lab

U of M PROJECT NUMBER 581-65-1221
BUILDING PERMIT 111068
ARCHITECT PROJECT NO. 01023
DATE: **February 17, 2004**
PROJECT: James I. Swenson Science Lab
LOCATION: University of Minnesota – Duluth
Duluth, MN 55812
OWNER: University of Minnesota
CONTRACTOR: M.A. Mortenson
SCOPE: \$ 25,451,000
START DATE: April 1, 2003
COMPLETION DATE: **December 31, 2004**

PRESENT: John Rashid -UMD
Greg Ewald -UMD
Brian Morse -STANIUS JOHNSON architects
Dan Pennington -M.A.Mortenson
Bret Woodland -M.A.Mortenson

OBSERVATIONS AND DISCUSSIONS:

A construction meeting was held at 1:30 p.m. on Tuesday, February 17, 2004. There was a review of the previous construction meeting minutes dated February 10, 2004.

The following items were discussed and observations made:

Stanius Johnson Architects

www.staniusjohnson.com

■ Duluth: 1831 East 8th St. Duluth, Minnesota 55812-1396 Phone 218-724-8578 Fax 218-724-8717
□ St. Cloud: 2035 15th St. N. St. Cloud, Minnesota 56303 Phone 320-253-2100 Fax 320-253-2269

Principals Kenneth D. Johnson AIA Rickard A. Stanius AIA Ronald E. Stanius AIA
Partners Brian D. Morse AIA Steven B. P. Kalkman AIA
Associates Larry M. Turbes AIA Jeffrey E. La Tour AIA Deanna Schmidt CID

ACTION

- MAM** 1. Relative to item no. 1 of the previous meeting minutes, questioned by the architect Mortenson stated that the project is approximately 2 weeks behind schedule.
- SJA** 2. Please find attached to these meeting minutes the Contractors Short Term Schedule.
3. Regarding proposal requests, the contractor is reminded that all proposal requests require backup by the subcontractor/supplier indicating labor, materials, and quantities. This is required for the architect's review of the proposal request prior to approvals.
- MAM** Outstanding PR's are #'s 46, 47, 53, 55, 61, 62, 65, 66, 67.1, and 69. **Contractor is to respond to these proposal requests as soon as possible.**
4. Disruption avoidance issues:
- MAM** ▪ None.
5. Progress to date:
- For detail dates of work items in progress, or anticipated, see attached short term schedule. This schedule is contingent on weather conditions.
- MAM** ▪ **Area A.** Installation of ductwork in the penthouse is continuing. Installation of duct work and piping is also proceeding on all remaining floors. Installation of heating and cooling lines on the ground floor continues. Installation of penthouse heating continues this week through the end of next week. Lab waste and vent test on the first and second floors continues this week. Installation of lab waste and vent, on the ground floor, is proceeding through the end of this week. Work on in-wall utilities continues all floors. Installation of electrical conduit and wiring is proceeding on the first floor. Installation of electrical panel and wiring is proceeding in the penthouse through the end of next week. Work on lighting conduit on the second floor continues this week. Installation of corner windows should be complete by the end of this week. Suspended acoustical tile ceiling work has begun on the second floor. Brick work has begun on the ground floor.
- MAM** ▪ **Area B.** Installation of ground floor cooling is proceeding. Installation of second floor heating will start the third week of February. Installation of ductwork on the first floor continues and has begun on the second floor. Electrical piping of pumps and fans on the ground floor has begun. Installation of first floor conduit is scheduled to start the third week of February. Steel stud framing is scheduled to start next week. Installation of frames and glass in the cantilevered office area continues. The roofer is working on Area B. Window installation at the cantilevered overhangs has begun.
- MAM** ▪ **Area C.** Installation of rain leaders should be complete this week. Pipes and ducts are being insulated.
- MAM** ▪ **Area D.** Brick masonry work is on hold until the completion of the Area A brick work. Set up of main electrical switch gear is continuing.
6. Relative to item no. 6 of the previous meeting minutes concerning submittals, architect is still awaiting the following from the contractor.
- MAM** ▪ Coordination drawings. Bret reported that coordination drawings for all areas but the penthouse have been completed. The sprinkler shop drawings have been re-submitted.

- MAM, AEI**
- Mock-ups and color samples. Reference architects letter to Contractor of July 1, 2003.

The rough-ins for the Lab mock-up are ready for AEI inspection. Dan Pennington stated that the complete Lab mock-up will be ready for review by the Design Team, including the Lab Planner, the third week of March, approximately March 17th.

Architect is sending the Contractor an ASI for interior color schedule.

- MAM**
- Regarding the wood samples for the project, the casework samples as submitted are acceptable for the mock-up only. It will again be reviewed after the mock-up is in place. The door sample is approved, as submitted (this was a specified door color). The wood panel mock-up has been revised by proposal request. The door supplier has sent a large sample of the finished door veneer which has been forwarded to St.Germains for color match on the wood paneling.

- MAM, AEI**
- The sprinkler shop drawings have been re-submitted and are under review by AEI.

- MAM**
- Sun screens. The brackets have been installed. The Architect is awaiting samples of the perforated panel material.

- MAM**
7. Relative to item no. 7 of the previous meeting minutes, when corrective work is anticipated by MAM on Stair No. 1 stringer they are to notify MBJ for their inspection of the contemplated procedure.

- MAM, Sebesta Blomberg**
8. Relative to item no. 9 of the previous meeting minutes concerning the Commissioning process, this continues to be worked through with Greg Ewald and a revised process is being proposed.

- MAM**
9. Relative to item no. 10 of the previous meeting minutes concerning the exterior stone veneer, Dan reported that they have worked out all issues with the new stone supplier. He will be issuing a Purchase Order/Contract immediately to the new supplier. Architect asked that Dan send to Architect a zero cost PCO outlining the pertinent information, including the new supplier, etc., so this can be officially incorporated into the Contract Documents.

Architect underscored the importance of bringing closure to this item. Shop drawings need to be received from the Architect, reviewed, submitted back, so that the stone can be ordered and shipped on a timely fashion for the general contractors anticipated delivery in April. Contractor stated that he has released order for the slate veneer for all of the field stone but not yet any of the specials.

Dan Pennington indicated that the stone is scheduled for installation beginning the first part of April.

- SJA, Elevator Advisory Group**
10. Relative to item no. 11 of the previous meeting minutes concerning the elevator, Brett Woodland noted that the elevator installer indicated that both elevators will need to be provided with a 60-horse power motor. This is due to the change to the speed of the elevator to 125 spm per Addenda No. 2. The Architect will contact Ted Smith for his input on this item.

Brett Woodland indicated that the electrician has installed 1-1/2" conduit under slab and that it is possible to pull properly sized electrical feeders for the 60-horse power motor if required.

11. Relative to item no. 12 of the previous meeting minutes concerning PR #52 for the compressed air and nitrogen testing systems, Architect has voided PR #52.

- MAM** 12. Relative to item no. 13 of the previous meeting minutes regarding the Johnson Control System proposal, the Owner and Architect are awaiting the submittal from Johnson Controls. This information should also be forwarded on to Affiliated Engineers.
- Greg also had a question on the duration of the training, if that needs to be changed.
- In the submittal from Johnson Controls the issue of the manner of providing over-ride controls needs to be addressed.
- Design Team** 13. Relative to item no. 14 of the previous meeting minutes concerning the exterior landscape DD estimate, John Rashid indicated that the Design Team needs to re-design the project to meet the budget. Brian Morse noted that the Design Team is still awaiting review comments from Environmental Health and Safety and the Disability Services Department from the Minneapolis Campus.
14. Relative to item no. 15 of the previous meeting minutes regarding the brick specials, Dan Pennington indicated that the specials have been delivered.
- MAM** 15. Relative to item no. 16 of the previous meeting minutes, Dan indicated that he will be putting forward an RFI for consideration by the University for either a pigmented sealer for the Stairs, or possibly a two-part epoxy floor finish.
- Facilities Mgmt.** 16. Relative to item no. 17 of the previous meeting minutes, Architect has provided the Contractor with the information regarding the Milli-Q for the D-I system.
- Regarding the utilities to the laminate flow hoods, Greg Ewald indicated that a decision has been made that no compressed air or natural gas will be provided to any of the laminate flow hoods.
- Greg Ewald** 17. Relative to item no. 18 of the previous meeting minutes, toilet accessory shop drawings were returned to the Contractor with copies sent to Greg Ewald. Greg wants to review these to be sure there aren't any UMD Standard changes.
- SJA, Greg Ewald** 18. Relative to item no. 19 of the previous meeting minutes regarding the program change to Room 238, ASI will be issued defining the extent of the revisions to this room. In addition a proposal request will be forthcoming to address the future grounding and power needs of the NMR unit to be located in this room.
- AEI** 19. Relative to item no. 20 of the previous meeting minutes concerning support of the control wire cabling, Contractor is awaiting direction from Affiliated. An RFI has been submitted on this issue.
- AEI** 20. Relative to item no. 21 of the previous meeting minutes concerning the autoclave, Architect will be releasing a proposal request to bring to 208V power to all locations of autoclaves.
- MAM** 21. Greg Ewald cautioned the Contractor to comply fully with the Specifications regarding the insulation of all duct work.
- All Contractors** 22. Discussion was held regarding the Retro-Plate concrete floor finishing system. **All contractors are advised that the concrete slabs on grade, concrete slabs on metal deck, as well as the concrete stair treads and landings, is the final floor finish for this project! Therefore no damage to the floor finish will be tolerated. This includes no cutting oil, no tobacco products or spitting of tobacco products, no dragging or dropping of materials, equipment, etc., etc. Damage to these slabs will be permanent and cannot be removed, therefore all contractors are to treat these slabs as if they were finished terrazzo floors!!!**
- All Contractors** 23. The next construction meeting will be held **Tuesday, February 24, 2004 at 1:30 p.m.,** in the Construction Trailer.

The preceding is assumed to be a complete and correct account of the items discussed, directions given, and conclusions drawn, unless this office is notified to the contrary immediately.



Brian Morse, AIA
bsa

attachment

cc: John Rashid, UMD
 Jim Riehl, UMD
 Stephanie Goke, AEI
 Michael Ross, RBJ
 Tiffany Nash, RBJ
 Dan Murphy, MBJ
 Bob Leonard, MAM
 Rick Stanius
 File

 Bruce Gingerich, UofM – (mail)
 Scott Holm, UofM – (mail)
 Ken Kornberg, KKA
 Tom Oslund, O&A
 Chris Rousseau, MSA
 Paul Johnson, MBJ
 Eric Edlund, GME
 Brian Morse
 Sebesta Blomberg

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UMD Science Building Project #031007
3 Week Schedule

MORTENSON[®]		February							February							March						
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
Contractor Responsible	ACTIVITY	16	17	18	19	20	21	22	23	24	25	26	27	28	29	1	2	3	4	5	6	7
	Area A																					
Jamar- Tinner	Plenums & blank-outs pent. 350	x	x	x	x	x			x	x	x	x	x									
Jamar-Tinner	Room buildouts 1st, & 2nd flrs.	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Neuman Insulation	Insulate duct & pipe - all flrs.	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Jamar- Fitters	Install heat/cool gr. Flr.	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Jamar-Fitters	Install penthouse heat	x	x	x	x	x			x	x	x	x	x									
AGO	Install lab waste/vent gr. Flr.	x	x	x																		
AGO	Install in-wall utilities	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
API	Install conduit & wire -1st flr.	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
API	Install panel & wire - pent	x	x	x	x	x			x	x	x	x	x									
API	Cable tray 2nd flr.	x	x	x	x	x			x	x												
	Area B																					
Jamar - Fitters	Install gr. Flr. Heat/cool	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Jamar - Tinner	Install duct 2nd flr.	x	x	x	x	x																
Jamar - Tinner	Install duct in penthouse #300	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
AGO	Inst rain water mains	x	x	x	x	x			x	x	x	x	x									
API	Pipe pumps & fans-gr. Flr.	x	x	x	x	x			x													
API	Install 1st flr. Conduit								x	x	x	x	x			x	x					
Minute-Ogle	Frame cor. 200g & elect. 200f	x	x	x	x	x			x	x	x											
Minute-Ogle	Frame - 1st flr.	x	x	x	x	x																
HKL/Glassman	Install glass in cant. Offices	x	x																			
Gorham-Oien	Install sprinkler branch	x	x	x	x	x			x	x	x	x	x									
N. Erectors	Stair # 2 treads & handrails	x	x	x	x	x																
Com. Roof	Install lower roof-metal deck			x	x	x																
Mortenson	Install lower roof blocking								x	x												
Com. Roof	Install lower concrete roof								x	x	x	x	x			x	x	x	x	x		
	Area C																					
AGO	Install rain leader risers	x	x	x	x	x			x	x	x	x	x									
Com. Roofing	Install roof 12 to 14-line	x	x	x																		
HKL/Glassman	Glaze 2nd flr-A-line 9to 11			x	x	x			x	x	x	x	x									
HKL/Glassman	Glaze 1st flr-C-line 12 to 13.2								x	x	x	x	x			x	x	x	x	x		
Jamar- Fitters	Install heat, ground flr.			x	x	x			x	x	x	x	x			x	x	x	x	x		
Minute-Ogle	Frame ground flr.- int.walls															x	x	x	x	x		
	Area D																					
Harbor City	Brick stair # 4															x	x	x	x	x		
API	Install panels, & switch gear	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Harbor City	Block & brick under louver				x	x			x													
Minute-Ogle	Frame wall & soffit			x	x	x																
Jamar-Tinner	Install louvers										x	x	x			x	x	x	x	x		

**UMD Science Building Project #031007
3 Week Schedule**

MORTENSON[®]		February							February							March						
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
Contractor Responsible	ACTIVITY	16	17	18	19	20	21	22	23	24	25	26	27	28	29	1	2	3	4	5	6	7
	Area A																					