



## 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:** **May 4, 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:** Rick Stanius -STANIUS JOHNSON architects  
Dan Pennington -M.A.Mortenson  
Bret Woodland -M.A.Mortenson  
Bob Braun -M.A.Mortenson

### OBSERVATIONS AND DISCUSSIONS:

A construction meeting was held at 1:30 p.m. on Tuesday, May 4, 2004. There was a review of the previous construction meeting minutes dated April 27, 2004.

The following items were discussed and observations made:

#### SJA Architects

Architecture Interior Design Planning  
stanusjohnson.com

##### Principals

Kenneth D. Johnson, AIA  
Rickard A. Stanius, AIA  
Ronald E. Stanius, AIA

##### Partners

Brian D. Morse, AIA  
Steven B.P. Kalkman, AIA

##### Associates

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## ACTION

- MAM** 1. Relative to item no. 1 of the previous meeting minutes, questioned by the Architect the Contractor reported that they are on schedule.
- MAM** 2. Relative to item no. 2 of the previous meeting minutes, Contractor needs to update AEI's Field Report No. 11 as well as Architects Field Report No. 3, when items have been addressed by the Contractor.
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 61.2, 72, 81.1, 82.1, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92 and 93. **Contractor is to respond to these proposal requests as soon as possible.**
4. Disruption avoidance issues:
- MAM**
- Contractor anticipates starting on the steam line the first week of June. Greg Ewald indicated that there are no time constraints because the line will be down, but he is asking the Contractor for a construction time window from start to finish for this work.
- Greg Ewald will be requiring GME to perform x-ray photography of the steam lines. Bart is to instruct the Contractor through Bret on the locations of the welds for GME. Bret stated that Jamar has photographed 10% of the steam line joints. Architect requests documentation of who did the x-ray photography and accompanying documentation.
- Also, concerning the high pressure testing, the Contractor had proposed a pneumatic testing which will not be allowed. Hydro-testing is specified and that is the only test procedure that will be allowed on this project. High pressure steam needs to be coordinated and inspected by the State Steam Inspector.**
- MAM**
- With respect to the skyway tie in to the existing building, Greg Ewald indicated that the penetration to the exiting building should take place after 6/07/04.
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.** Work on stainless steel fume hood duct work, first floor, continues through the end of next week. First, second and penthouse heating lines are progressing through the end of next week. Taping and sanding of the sheetrock walls, second floor, will be complete this week. Priming and painting of walls on the second floor, in selected areas, has started today. Taping and sanding on the first floor will start tomorrow and continue through the end of May. Framing walls at the feature wall is ongoing and will be complete by the end of this week. Initial work on setting of elevator rails on elevator no. 2 is scheduled to start next Monday. Installation of north curtain wall continues through the end of next week. Electrical terminal data and control wiring on the second floor will be complete the end of this week.
- MAM**
- **Area B.** Loading of pipe into penthouse 300 will be complete today. Installation of ground floor steam will begin mid May. Ventilation room build outs, first and second floor, is ongoing. Installation of ductwork and plenums in penthouse 300 is

ongoing. Installation of exterior louvers in penthouse 300, except for one access area, will be complete this week. Mechanical rough-in utility, first floor, was tested today. Mechanical rough-in utility, second floor, is ongoing through the end of next week. Installation of vent piping at penthouse 300 continues through mid May. Water barrier and insulation on penthouse 300 is ongoing. Installation of lapped siding on penthouse exterior, starting north elevation, is proceeding. Stocking of drywall for the first floor will be complete by the end of this week with stocking of the second floor beginning Tuesday of next week. Electrical cable tray and lighting continues on the first floor through the end of this week. Same is continuing on the second floor for the next three weeks. Installation of metal panels, 1 to 9 Line, is ongoing.

**MAM**

- **Area C.** Drywall in penthouse 300 will be substantially complete the end of this week. Electrical rough in conduits, all floors, continues through the end of next week. Heating, ground floor steam, is proceeding through May. Underground to the cooling tower will start next week. Contractor received the first shipment of stone and installation will begin this week.

**MAM**

- **Area D.** Handrail and toe plate work in the skyway will be complete by the end of this week. Electrical rough in of conduits, first and second floors, is ongoing through May. Energizing of panels in the electrical room will start on Thursday of this week.

**MAM**

6. Relative to item no. 7 concerning PCO No. 121 regarding the thickness of the wood paneling, the Contractor was instructed to move forward immediately with a mock-up of the specified 1/4" wood paneling.

Also as indicated in last weeks meeting minutes, the blocking that is scheduled by Addenda for all of the paneling areas shall be put in at this time.

Contractor stated that the panels have been received. Area needs to be rocked and then the mockup will be installed.

**MAM**

7. Relative to item no. 9 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.

**MAM**

8. Relative to item no. 11 of the previous meeting minutes concerning the cut sheets on the support for the control wire cabling, AEI has reviewed and requested resubmittal.

**MAM**

9. Relative to item no. 12 of the previous meeting minutes regarding the hold down clips for the grating on the walkways at the roof, Architect indicated that the standard clips provided by the manufacturer will be acceptable.

**MAM**

10. Relative to item no. 13 of the previous meeting minutes, discussion was held concerning the Owners requirement to open the roadway to vehicular traffic on or before August 15, 2004. The Contractor has reviewed this issue at a meeting between Architect and Owner. They were instructed to submit their proposal as originally presented, as well as a modified proposal as directed by the Architect.

**MAM**

11. Relative to item no. 14 of the previous meeting minutes regarding the gas vent locations relative to the air intake exhaust louvers, Bret will be issuing an RFI on this issue. Bret is to contact undersigned when the Mechanical University Inspector is onsite to review proposed resolution.

- MAM** 12. Relative to item no. 16 of the previous meeting minutes with regards to Greg Ewalds request for chemical resistance of the specified finish on the wood casework, Architect will request this information from the casework supplier. It is noted that the casework is specifically designed and intended for this use. Hopefully the submittal will clarify any concerns and questions that the Owner has.
- MAM** 13. Relative to item no. 17 of the previous meeting minutes, the Contractor indicated that they have received their first shipment of slate. There are eight shipments left to receive. The next shipment is due in yet this week.
- Greg Ewald** 14. Relative to item no. 20 of the previous meeting minutes, there was a question with regard to card readers. The Contractor needs to know power requirements. The card readers have been roughed in and the card reader itself it furnished and installed by the University.
- Greg Ewald** 15. Relative to item no. 21 of the previous meeting minutes concerning delivery of the Owner purchased second cooling tower, Dan wanted to be clear that they would like to have that cooling tower as soon as possible. A fall delivery will impact their site work. Contractor is requesting that Owner expedite delivery.
16. Contractor indicated that a vandal was in the building and threw a bucket of perma barrier primer off of the building. When it hit the ground the bucket opened and splashed the primer up against the brick and louver. The Contractor will attempt to remove the primer.
- MAM** 17. Response to RFI 399, Contractor has been directed, through AEI, to extend the depth of the louver frame and install the dampers on the north side so it is not in conflict with the structural brace frame. Architect is awaiting Contractors review and proposed corrective action and costs.
- All Contractors** 18. 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** 19. The next construction meeting will be held **Tuesday, May 11th, 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.



Rickard A. Stanius, AIA, CSI  
bsa

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**

<b>MORTENSON<sup>®</sup></b>		April							May							May						
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
<b>Contractor Responsible</b>	<b>ACTIVITY</b>	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Area A																					
Jamar-Tinners	S.S. fume hood duct - 1st flr.	x	x	x	x	x			x	x	x	x	x									
Jamar - Fitters	1st, 2nd, & Pent heating-copper	x	x	x	x	x			x	x	x	x	x									
Minute-Ogle	Tape-sand walls 2nd flr.	x	x																			
Rainbow Inc.	Prime&paint walls 2nd flr.			x	x	x			x	x	x	x	x			x	x	x	x	x		
Minute-Ogle	Tape-sand walls 1st flr.			x	x	x			x	x	x	x	x			x	x	x	x	x		
Minute-Ogle	Frames walls @ feature wall	x	x	x	x	x																
Otis Elevator	Set rails elev. # 2								x	x	x	x	x			x	x	x	x	x		
HKL/Glassman	Install north curtainwall	x	x	x	x	x			x	x	x	x	x									
API	Terminal data&cont. wire 2nd flr.	x	x	x	x	x																
	Area B																					
Jamar - Fitters	Load pipe in Pent #300		x																			
Jamar - Fitters	Install gr. Flr. Steam															x	x	x	x	x		
Jamar - Tinners	Rm buildouts 1st, & 2nd flr.	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Jamar - Tinners	Install duct,& plenums in #300	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Jamar - Tinners	Install louvers-pent. #300	x	x																			
AGO	Rough-in utility, 1st flr. - test	x	t																			
AGO	Rough-in utility, 2nd flr.	x	x	x	x	x			x	x	x	x	x									
AGO	Install vent piping @ Pent.#300	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Minute-Ogle	Perma-barrier & ins pent #300	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Minute-Ogle	Install lap siding-pent ext.	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Minute-Ogle	Stock & drywall 1st flr.	x	x	x	x	x																
Minute-Ogle	Stock & drywall 2nd flr.								s	x	x	x				x	x	x	x	x		
API	Cable tray & lighting 1st flr.	x	x	x	x	x																
API	Cable tray & lighting 2nd flr.	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
HKL/Glassman	Install metal panels 1 to 9-line	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
	Area C																					
Minuti Ogle	Drywall pent #300	x	x	x	x	x																
API	Rough-in conduit, all flrs.	x	x	x	x	x			x	x	x	x	x									
Jamar- Fitters	Heating gr. Flr. - steam	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Jamar- Fitters	Underground to cooling tower								x	x	x	x	x			x	x	x	x	x		
Harbor City	Install ext. stone		x	x	x	x			x	x	x	x	x			x	x	x	x	x		
	Area D																					
N. Erectors	Handrail & toeplate in skyway	x	x	x	x	x																
API	Rough-in conduit 1st, & 2nd flr.	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
API	Energize panels in electrical rm				x	x																