



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 11, 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
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 11, 2004. There was a review of the previous construction meeting minutes dated May 4, 2004.

The following items were discussed and observations made:

SJA Architects

Architecture Interior Design Planning
stanijohnson.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, 81.1, 82.1, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93 and 94. **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.
- 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.
- 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:
- MAM**
- 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.** Stainless steel duct installation, first floor, is continuing through the end of this week. Copper heating line work is proceeding, first, second and penthouse, through the end of next week. Priming and painting of the walls on the second floor is ongoing. Taping and sanding of the first floor sheetrock walls continues through the end of next week. Framing walls at the north curtain wall will start the end of this week, through next week. Mechanical connection of drains and vents in the penthouse continues through the end of this week. Setting of the elevator rails on car no. 2 is scheduled to start the first of next week. Electrical pulling of second floor control wiring continues through the end of next week. Pulling of first floor control wiring will start the end of next week continuing through May.
- MAM**
- **Area B.** Installation of first and second floor heating will start next week. Installation of ground floor steam will start mid next week. Ventilation work, room build outs, first and second floors, is ongoing. Installation of ductwork and plenums in penthouse 300 is continuing. Mechanical rough-in utilities on the second floor will be complete by mid next week. Application of perma barrier and insulation, penthouse 300, is continuing. Application of lapped siding on the penthouse is proceeding. Stocking of drywall on the second floor is scheduled for Wednesday of next week and installation to start immediately thereafter. Electrical first floor cable tray and fire alarm continues through the end of next week. Electrical cable tray lighting and fire alarm is continuing on the second floor.

- MAM** ▪ **Area C.** Drywall installation, penthouse 300, is ongoing. Electrical rough in, walls and ceiling, continues through the end of next week. Heating, ground floor steam, is ongoing. Installation of underground cooling line to the tower is scheduled to start tomorrow. Installation of slate stone is proceeding. Installation of grating and rails in the Commons area continues through the end of this week. Ductwork room build outs on all floors is continuing. Glazing, ground floor A line, will start tomorrow.
- MAM** ▪ **Area D.** Electrical rough in, second floor walls, is continuing through the end of next week. Electrical rough in, first floor walls, will start the end of next week. Installation of cable tray and fire alarm is scheduled to start the end of next week. Light gauge framing for the skyway link will start tomorrow. Glazing of the skyway link, first and second, continues through the first part of next week.
- MAM** 6. Architect reviewed the S4S Tamarak for the evaporator tower and has approved the sample.
- MAM** 7. Relative to item no. 6 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 ¼" 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** 8. Relative to item no. 7 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** 9. Relative to item no. 8 of the previous meeting minutes concerning the cut sheets on the support for the control wire cabling, AEI has reviewed and requested resubmittal.
- MAM** 10. Relative to item no. 9 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.
- John Rashid** 11. Relative to item no. 10 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 submitted their modified proposal to John Rashid for Owner review and consideration.
- RBJ** 12. The Design Team has reviewed the silver paint color. RBJ is sending a revised color to MAM for another application and Architect review.
- AEI** 13. Concerning item no. 11 of the previous meeting minutes, Architect will be sending a request for proposal information to AEI concerning gas vent locations in proximity to the louvers.
- MAM** 14. Relative to item no. 13 of the previous meeting minutes with respect to slate delivery, Contractor reported that they have received two of the scheduled nine shipments.
- Greg Ewald** 15. Relative to item no. 14 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** 16. Relative to item no. 15 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. Greg indicated that he hopes to order the cooling tower this week.
- MAM** 17. Relative to item no. 16 of the previous meeting minutes, 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.
- Architect strongly recommends that the Contractor attempt to remove the primer as soon as possible so that it doesn't get baked onto the surface.
- MAM** 18. Relative to item no. 17 of the previous meeting minutes, 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.
- MAM, SJA** 19. With respect to the bathrooms on the Teaching Wing, questioned by the Contractor the Architect instructed the Contractor to provide a 1/4" caulk expansion joint on each side as the sheetrock wall abuts the block wall of the elevator shaft. There would be no expansion joints required above the door inside of the bathrooms. The floor will require a plate closure at the elevator shaft. Architect will modify the proposal request language that is already been issued as PR No. 94.
20. The Design Team reviewed, and after consideration, has instructed the Contractor to make no changes to the light gauge framing at the back side of the feature wall.
- All Contractors** 21. 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** 22. The next construction meeting will be held **Tuesday, May 18th, 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

MORTENSON®		April					May					May										
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
Contractor Responsible	ACTIVITY	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	Area A																					
Jamar-Tinners	S.S. fume hood duct - 1st flr.	x	x	x	x	x																
Jamar - Fitters	1st, 2nd, & Pent heating-copper	x	x	x	x	x			x	x	x	x	x									
Rainbow Inc.	Prime&paint walls 2nd flr.	x	x	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									
Minute-Ogle	Frames walls @ no. cuttainwall					x			x	x	x	x	x									
AG Obrien	Hook-up drains & vents -Pent	x	x	x	x	x																
Otis Elevator	Set rails elev. # 2								x	x	x	x	x			x	x	x	x	x		
API	Pull 2nd flr. Control wire	x	x	x	x	x			x	x	x	x	x									
API	Pull 1st flr. Control wire											x				x	x	x	x	x		
	Area B																					
Jamar - Fitters	Install 1st, & 2nd flr heating								x	x	x	x	x			x	x	x	x	x		
Jamar - Fitters	Install gr. Flr. Steam										x	x	x			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		
AGO	Rough-in utility, 2nd flr.	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 2nd flr.										s	x	x			x	x	x	x	x		
API	1st flr.cable tray & fire alarm	x	x	x	x	x			x	x	x	x	x									
API	2nd flr tray, lighting, & alarm	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			x	x	x	x	x			x	x	x	x	x		
API	Rough-in walls & cielings	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										
Harbor City	Install ext. stone	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
N. Erectors	Install grating & rail - commons	x	x	x	x	x																
Jamar-Tinners	Install room buildouts-all flrs.	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
HKL/Glassman	Glaze gr.flr. - A-line			x	x	x			x	x	x	x	x									
	Area D																					
API	Rough-in 2nd flr. Walls	x	x	x	x	x			x	x	x	x	x									
API	Rough-in1st flr. Walls												x			x	x	x	x	x		
API	Cable tray & fire alarm												x			x	x	x	x	x		
Minute-Ogle	Frame skyway link			x	x																	
HKL/Glassman	Glaze skyway link-1st & 2nd	x	x	x	x	x			x													

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

MORTENSON®		April							May							May						
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
Contractor Responsible	ACTIVITY	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	Area A																					