



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 18, 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: Greg Ewald -UMD
Rick Stanius -STANIUS JOHNSON architects
Bart Kowalski -AEI
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 18, 2004. There was a review of the previous construction meeting minutes dated May 11, 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

Larry M. Turbes, AIA
Jeffrey E. La Tour, AIA
Deanna Schmidt, CID

o Duluth

1831 East 8th St.
Duluth, MN 55812
P 218.724.8578
F 218.724.8717

o St. Cloud

2035 15th St. N.
St. Cloud, MN 56303
P 320.253.2100
F 320.253.2269

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. 4, 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, 82.1, 83, 85, 86, 90, 92, 93, 94, and 95. **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.** Fitters are installing copper heat lines, first, second, and penthouse through the end of this week. Painting of the second floor walls is continuing. Taping and sanding of the sheetrock walls on the first floor should be complete this week. Framing of the walls at the north curtain wall will be complete by the end of this week. Work on elevator no. 2, hopefully, will begin this week. Electrical pulling of second floor control wiring should be complete by the end of this week. Electrical pulling of control wire on the first floor will begin the end of this week.
- MAM** ■ **Area B.** Fitters are installing heating on the first and second floors continuing into June. Installation of ground floor steam will start mid week and continue into June. Room build outs on the first and second floors continues. Installation of ducts and plenums in penthouse 300 is ongoing. Rough in of utilities on the second floor will be substantially complete mid week, and testing Thursday and Friday. Installation of lapped siding, penthouse 300 exterior, is ongoing. Taping and sanding of the first floor sheetrock is scheduled to begin tomorrow. Stocking of drywall for the second floor will be complete on Thursday and installation to begin immediately thereafter. Electrical first floor cable tray and fire alarm will be complete the end of this week. Electrical second floor cable tray lighting and fire alarm is ongoing.

- MAM** ▪ **Area C.** Drywall installation, penthouse 300, is proceeding. Framing of Commons walls will be complete by the end of this week. Electrical rough in, walls and ceiling, will be complete the end of this week. Heating, ground floor steam, is ongoing. Excavation and lying of the underground lines to the cooling tower, weather permitting, will be complete the end of this week. Installation of exterior stone is proceeding. Installation of ductwork, room build outs all floors, is ongoing. Insulation of waste and vent, first floor, is proceeding. Glazing, first floor A line, should be complete the end of today.
- MAM** ▪ **Area D.** Electrical rough in, second floor, is proceeding and will be complete the end of this week. Same will start on the first floor on Friday. Installation of electrical cable tray and fire alarm will start Friday and continue through the end of next week. Light gauge framing, skywalk link and soffits, continues through this week and next week. Glazing of the skyway link, to first floor, should be substantially complete by the end of this week.
- MAM** 6. Architect requested that the Contractor forward, as soon as possible, the results of duct testing, all floors completed.
- MAM** 7. 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 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. 8 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. 10 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** 10. Relative to item no. 11 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** 11. Relative to item no. 12 of the previous meeting minutes, the Design Team has reviewed the silver paint color. RBJ is sending a revised color to MAM for another application and Architect review.
- MAM** 12. Relative to item no. 14 of the previous meeting minutes with respect to slate delivery, Contractor reported that they have received two of the scheduled nine shipments.
- Greg Ewald** 13. Relative to item no. 15 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** 14. Relative to item no. 16 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** 15. Relative to item no. 17 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** 16. Relative to item no. 18 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.
17. Relative to item no. 20 of the previous meeting minutes, 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.
- SJA** 18. Architect is reviewing Contractors submittal and the specification on the two entry floor mats.
- SJA, MAM** 19. Dan brought up a concern to receive timely review and authorization for in-wall mechanical and electrical revisions since the sheetrocking is ongoing. Architect acknowledged the necessity for this and ask that the Contractor advise any time sensitive proposals that they issue.
- All Contractors** 20. 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** 21. The next construction meeting will be held **Tuesday, May 25th, 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[®]		May							May							June						
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
Contractor Responsible	ACTIVITY	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6
	Area A																					
Jamar - Fitters	1st, 2nd, & Pent heating-copper	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		
Minute-Ogle	Tape-sand walls 1st flr.	x	x																			
Minute-Ogle	Frames walls @ no. cuttainwall	x	x	x	x	x																
Otis Elevator	Set rails elev. # 2	x	x	x	x	x			x	x	x	x	x				x	x	x	x		
API	Pull 2nd flr. Control wire	x	x	x	x	x																
API	Pull 1st flr. Control wire					x			x	x	x	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				x	x	x	x		
Jamar - Fitters	Install gr. Flr. Steam			x	x	x			x	x	x	x	x				x	x	x	x		
Jamar - Tinnners	Rm buildouts 1st, & 2nd flr.	x	x	x	x	x			x	x	x	x	x				x	x	x	x		
Jamar - Tinnners	Install duct,& plenums in #300	x	x	x	x	x			x	x	x	x	x				x	x	x	x		
AGO	Rough-in utility, 2nd flr.	x	x	x	t	t																
Minute-Ogle	Lap siding-Pent. # 300 ext.	x	x	x	x	x			x	x	x	x	x				x	x	x	x		
Minute-Ogle	Tape & sand 1st flr.			x	x	x			x	x	x	x	x									
Minute-Ogle	Stock & drywall 2nd flr.				s	x			x	x	x	x	x				x	x	x	x		
API	1st flr.cable tray & fire alarm	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		
	Area C																					
Minuti Ogle	Drywall pent #300	x	x	x	x	x			x	x	x	x	x				x	x	x	x		
Minuti Ogle	Frame commons walls	x	x	x	x	x																
API	Rough-in walls & cielings	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		
Ulland Bros.	Exc.underground utililies- CT	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																
Harbor City	Install ext. stone	x	x	x	x	x			x	x	x	x	x				x	x	x	x		
Jamar-Tinnners	Install room buildouts-all flrs.	x	x	x	x	x			x	x	x	x	x				x	x	x	x		
AGO	Install waste & vent - 1st flr.	x	x	x	x	x			x	x	x	x	x				x	x	x	x		
HKL/Glassman	Glaze gr.flr. - A-line	x	x																			
	Area D																					
API	Rough-in 2nd flr. Walls	x	x	x	x	x																
API	Rough-in1st flr. Walls					x			x	x	x	x	x				x	x	x	x		
API	Cable tray & fire alarm					x			x	x	x	x	x									
Minute-Ogle	Frame skyway link,& soffits	x	x	x	x	x			x	x	x	x	x									
HKL/Glassman	Glaze skyway link-1st flr.			x	x	x																

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Contractor Responsible	ACTIVITY	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6
	Area A																					