



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: **March 16, 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
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, March 16, 2004. There was a review of the previous construction meeting minutes dated March 9, 2004.

The following items were discussed and observations made:

Stanisus 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 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. 6, as well as Architects Field Report No. 1, 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 46, 61, 72, 73, 74.1, 75 and 76. **Contractor is to respond to these proposal requests as soon as possible.**
4. Disruption avoidance issues:
- MAM** ■ None.
5. Progress to date:
- MAM** ■ **Area A.** Room build-outs for the first and second floors, for ventilation, will continue for at least the next three weeks. Insulation of ductwork and piping is proceeding, all floors, again through the month of March and into April. Installation of in wall mechanical utilities is proceeding through the end of this week. Backing and sheetrock, on the second floor, will continue through March into April. Backing and sheetrock on the first floor will start the last week of March. Pulling of light and power continues on the first and second floors through this week. Rough-in ground floor conduit will continue through this week. Installation of sprinkler mains, on the ground floor, will start next week. Exterior brick work on Line 18, east elevation of Area A, will be substantially complete this week. Contractor is expecting, weather permitting, to start setting window sills the middle of next week, and after that finish off with his detergent washing and sealing of the brick.
- MAM** ■ **Area B.** Installation of ground floor heating and cooling continues through this month and into April. Installation of second floor heat is proceeding through the middle of next week. Installation of ductwork in the penthouse is ongoing through March and into April. Mechanical piping of sanitary drains in the penthouse continues into April. Installation of lab waste and vent, first and second floors, continues through the end of next week. Electrical rough-in conduit on the first floor is proceeding into April.
- MAM** ■ **Area C.** Framing of curtain walls at the skylight will start the first of next week and be finished by the end of the week. Glazing of the second floor C Line will be complete by the middle of this week with Contractor starting same on first floor C Line the latter part of this week through the end of next week. Installation of electrical panels on the first floor will continue through this week. Terminating of high voltage on the ground floor will be substantially complete by the end of this week. Pulling of wire and run cable trays on the ground floor starts next week. Installation of heating in the penthouse continues through the end of this week. Installation of heating on the second floor will start next week and continues into April. Installation of DI water on the ground floor continues through the month of March and into April. Steel stud framing, interior walls first floor, will be complete by the end of this week. Stand pipe into the penthouse will start mid week and be complete by the end of this week. Framing of the drive through soffit is scheduled to start the last week of March. Framing of ground floor interior walls will start the latter part of this week and continue through the end of next week. Installation of

ground floor sprinkler mains will start the latter part of next week and continue into the first part of April.

- MAM** ▪ **Area D.** Brick work around Stair No. 4 is scheduled to start mid week and continue through the first part of April. Installation of panels and switch gear is ongoing. Installation of louvers should be complete by the end of this week. Installation of lower concrete roof, weather permitting, should be substantially complete by the first part of next week.
- MAM** 6. 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.
- MAM** 7. Relative to item no. 7 of the previous meeting minutes concerning the color of the wood samples, after the review of the lab mock-up Contractor was advised that the color of all wood samples, including casework, panels, and of course wood doors, are accepted.
- SJA** 8. Also relative to item no. 7 of the previous meeting minutes, there was a thorough review of the Lab mock-up. There will be a few modifications requested by the Owner/Design Team which SJA will follow-up on with MAM in a very timely fashion.
- RBJ** 9. Also relative to item no. 7 of the previous meeting minutes concerning the Sun Screens, Contractor stated that a decision must be made by the end of this week on the perforated panel material.
- MAM** 10. Relative to item no. 9 of the previous meeting minutes, when corrective work is anticipated by MAM on Stair No. 1 stringer they are to notify MJB for their inspection of the contemplated procedure.
- MAM** 11. Relative to item no. 10 of the previous meeting minutes, the Commissioning meeting is set for next Tuesday, March 23, 2004, at 2:30 p.m.
- MAM** 12. Relative to item no. 13 of the previous meeting minutes, Contractor outlined the options for the elevator with respect to horsepower and speed. Conversation with Owner, based on Architects recommendation, the Contractor has been authorized to proceed with the 60-HP motors for the cars, bringing the speed back to the 150-fpm as indicated by Addenda.
- MAM** 13. Relative to item no. 14 of the previous meeting minutes concerning Johnson Controls System upgrade, attached to ASI No. 63 is a letter from Johnson Controls dated March 3, 2004. Their letter needs to be amended to indicate the items noted by AEI that have not been included, which are outlined in AEI's review comments of March 9, 2004. This was cover lettered back to MAM from SJA on March 15, 2004.
- MAM** 14. Relative to item no. 15 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.
- Greg Ewald** 15. Relative to item no. 16 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.
- MAM** 16. Relative to item no. 17 of the previous meeting minutes, MAM needs to forward to the Design Team and Greg Ewald the information and cut-sheets on the support for the control wire cabling.
- SJA** 17. Relative to item no. 18 of the previous meeting minutes, Contractor requested that the Architect forward a CCD on the anticipated PR coming out for Handicap Modifications to the Labs.

- AEI** 18. Relative to item no. 19 of the previous meeting minutes, Greg requested that Dick Shea look at the under slab conduit on the west exit door area of Area B.
- UMD** 19. Relative to item no. 20 of the previous meeting minutes, the Owner is working on finalizing the updated equipment schedule. This will be forwarded through the Design Team to MAM shortly. This is in regards to Owner supplied equipment. This will take the form of a proposal request.
- MAM** 20. Relative to item no. 21 of the previous meeting minutes, which also is related to the Lab mock-up that was reviewed and noted above, Contractor is authorized to move the indirect light fixtures down to maintain a clear dimension from the top of the fixture to the ceiling of 18". This will eliminate any question with respect to NFPA requirements for positioning of sprinkler heads.
- MAM, SJA** 21. Relative to item no. 22 of the previous meeting minutes, again with respect to the Lab mock-up noted above, discussion was held concerning a possible substitution suspended acoustical ceiling tile grid. This will be considered with meeting between Design Team, MAM, and sub-contractor.
- SJA, MAM** 22. Contractor had a question on the securement of the grating on the catwalk in Area D. Architect would like to review this when the grating is set down following the roofing. Because of the weight, most likely the grating will not need to be tack welded but could just be left in place simply because of the sheer weight of the grating. At the most, clips would be installed. This item is to be reviewed by the Design Team after the roofing is complete.
23. Bob had a question concerning Stair No. 4 tie-in. Architect will review this with the Contractor.
- All Contractors** 24. 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** 25. The next construction meeting will be held **Tuesday, March 23, 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

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[®]		March							March							March-April						
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
Contractor Responsible	ACTIVITY	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4
	Area A																					
Jamar-Tinners	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		
AGO	Install in-wall utilities	x	x	x	x	x																
Minute-Ogle	Backing & sheetrock-2nd flr.								x	x	x	s	x			x	x	x	r	x		
Minute-Ogle	Backing & sheetrock-1st flr.															x	x	x	s	x		
API	Pull light & recpt. 1st & 2nd	x	x	x	x	x																
API	Rough-in ground flr. Conduit	x	x	x	x	x																
Gorham-Oien	Install mains ground floor								x	x	x	x	x									
Harbor City	Set sills & wash brick										x	x	x			x	x	x	x	x		
HKL/Glassman	Install north curtainwall																		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 - Fitters	Install 2nd floor heat	x	x	x	x	x			x	x	x											
Jamar - Tinners	Install duct in penthouse #300	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
AGO	Pipe sanitary drains-pent #300	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
AGO	Install lab waste/vent 1st&2nd	x	x	x	x	x			x	x	x	x	x									
API	Rough-in conduit 1st 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
	Area C																					
HKL/Glassman	Frame curtainwalls at skylight								x	x	x	x	x									
HKL/Glassman	Glaze 2nd flr. C-line	x	x	x																		
HKL/Glassman	Glaze 1st flr. C-line				x	x			x	x	x	x	x									
API	Install panels 1st flr.				x	x																
API	Terminate high voltage-gr.flr.		x	x	x	x																
API	Pull wire & run tray gr. Flr.								x	x	x	x	x									
Jamar- Fitters	Install heating - penthouse	x	x	x	x	x																
Jamar- Fitters	Install heating - 2nd flr.								x	x	x	x	x			x	x	x	x	x		
AGO	Install DI water gr. Flr.	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Minute-Ogle	Frame int. walls 1st flr.	x	x	x	x	x																
Gorham-Oien	Standpipe to penthouse			x	x	x																
Minute-Ogle	Frame drive-thru soffit															x	x	x	x	x		
Minute-Ogle	Frame ground flr.- int.walls				x	x			x	x	x	x	x									
Gorham-Oien	Install mains ground flr.											x	x			x	x	x	x			
	Area D																					
Harbor City	Brick stair # 4			x	x	x			x	x	x	x	x			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		
Jamar-Tinners	Install louvers	x	x	x	x	x																
Com. Roof	Install lower concrete roof		x	x	x	x			x													

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3 Week Schedule

MORTENSON[®]		March							March							March-April						
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Contractor Responsible	ACTIVITY	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4
	Area A																					