



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: **July 20, 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
Brian Morse	-STANIUS JOHNSON architects
Bret Woodland	-M.A.Mortenson
Bob Braun	-M.A.Mortenson
Dan Pennington	-M.A. Mortenson

OBSERVATIONS AND DISCUSSIONS:

A construction meeting was held at 1:30 p.m. on Tuesday, July 20, 2004. There was a review of the previous construction meeting minutes dated July 27, 2004.

The following items were discussed and observations made:

SJA Architects

Architecture Interior Design Planning
staniusjohnson.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
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o Duluth

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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, SJA, AEI 2. Relative to item no. 2 of the previous meeting minutes, Contractor needs to update AEI's Field Report No. 16 as well as Architects Field Report No. 5, when items have been addressed by the Contractor.

Regarding these two reports, they will be condensed into one single report which should be viewed by the Contractor as an ongoing Punch List. When the Contractor is complete with the items he is to send the list back to the Architect and Engineer and they will down-edit the list as construction proceeds. Sebesta Blomberg's reports shall remain independent.

3. Relative to item no. 3 of the previous meeting minutes 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 82.1, 94, 95, 96, 97,98 & 99. **Contractor is to respond to these proposal requests as soon as possible.**

4. Disruption avoidance issues:

MAM ▪ Contractor indicated with respect to road reconstruction start date tentative August 2 for the north side of the over pass.

MAM ▪ Owner has finished removing the fire proofing at the beams at the tie-in area. The owner continues with removal of fire proofing at the opening to the hallway.

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.** Duct and piping insulating all floors and all areas is continuing. Installation of ground floor heating condensate lines continues. Installation of ceiling grills and diffuser drops on the second floor continues. Installations of counter tops and casework on the second and first floor continue. Installation of casework plumbing and utility piping has begun. Case work and installation of lights, first and second floor, and the penthouse lights continues. Installation of elevator cars is underway. Dry wall at all first floor ceilings has begun and continues.

MAM ▪ **Area B.** Penthouse cooling and heating equipment and lines are being installed. Stainless steel fume hood duct work, second floor, is proceeding. Installation of ducts and mains in Penthouse 300 continues. Suspended acoustical tile ceiling are being installed. Installation of the ground floor, mechanical room piping, is underway. Dry wall work, along the clear story and the commons area is underway. Exterior slate is being installed.

MAM ▪ **Area C.** Taping and sanding of the first floor drips and board is underway. Installation of first floor heating systems is underway. Lab waste at the ground floor, Area C, is being installed. Installation of the tamarack at the cooling tower is underway. Room build out, second floor, is underway. Work on stainless steel fume hood duct work, second floor, is scheduled to start next week. Cable tray and wiring of the ground floor is underway. Handrail installation at the helical stair is underway.

- MAM**
 - **Area D.** Installation of the ground floor louvers is underway. The piping at the roadway soffit is being insulated. The Allworth steam tunnel connection work is underway. The skyway roof is being installed. Demolition continues at the tie-in at the Life Science building.
- MAM** 6. Relative to item no. 6 of the previous meeting minutes, The Architect reviewed and approved the sample of the feature wall glazing material. The material was as specified.
- Greg Ewald, Facilities Mgmt.** 7. Relative to item no. 7 of the previous meeting minutes, The work related PR No. 92 has been incorporated into a Change Order.
- MAM** 8. Relative to item no. 8 of the previous meeting minutes, Contractor needs to forward his PCO for the repair work caused by recent vandalism.
- MAM** 9. Relative to item no. 9 of the previous meeting minutes, Architect is in receipt of the requested documentation on Contractor provided x-ray photography of the steam line joints. This work is ongoing and further documentation, as testing is completed, needs to be forwarded to Architect and Owner.
- MAM** 10. Relative to item no. 10 of the previous meeting minutes, Architect requested that the Contractor forward, as soon as possible, the results of duct testing, all floors completed.
- MAM** 11. Relative to item no. 11 of the previous meeting minutes, Sample of the floor coatings were given to the Architect.
- GME** 12. Relative to item no. 13 of the previous meeting minutes, GME is in receipt of a new slate sample with clip angles.
- MAM, Greg Ewald** 13. Relative to item no. 14 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. Greg Ewald stated that delivery is scheduled to leave the factory the week August 9th with a three day anticipated shipment.

Bob indicated that a definite delivery time needs to be identified as soon as possible so that arrangements for Crane can be to unload the cooling tower.
- SJA** 14. Relative to item no. 17 of the previous meeting minutes, Architect is reviewing Contractors submittal and the specification on the two entry floor mats.
- MAM** 15. Relative to item no. 18 of the previous meeting minutes, Bret indicated he has prepared a PCO for the Architect's review relative to the Manufacturer's suggestions of additional finish being applied to the cement siding. The Architect questioned whether or not the warranty requires the application of any additional sealant. The Contractor will look into this item.
- MAM** 16. Relative to item no. 19 of the previous meeting minutes, Sebesta Blomberg requested that the Contractor indicate on their next issuance of the schedule to nail down as close as possible the ramp up schedule for the ventilation system.
- Greg Ewald** 17. Relative to item no. 20 of the previous meeting minutes, The training plan, as edited and submitted, has been approved by the owner. Greg needs to finalize the actual dates for the training schedule to coordinate with Facilities Management.
- MAM** 18. Relative to item no. 21 of the previous meeting minutes, Contractor stated that they have received the Electrical O&M Manuals. They are waiting for the Mechanical O&M Manuals and then they will submit both, in individual sets, one to Greg Ewald, one to the Design Team, and one to Sebesta Blomberg. They, in turn, will be reviewed and returned to the Contractor for correction if needed before final submittal to the Owner.

Contractor will secure two additional copies of the electrical O&M's for a total of four for

distribution as noted above.

- AEI** 19. Relative to item no. 23 of the previous meeting minutes, Jeff Parker needs to review the venting of the heating in the roadway soffit with the Mechanical Inspector. At this point this item has been red tagged by the inspector and must be addressed A.S.A.P.
- MAM** 20. Relative to item no. 23 of the previous meeting minutes, Greg Ewald asked for a contractor's schedule on completing the steam work in Allworth Tunnel.
21. Brett indicated that the piping scheduled for this steam lines in the Allworth Building cannot be installed due to the obstruction by the rack supports. Brett will discuss with Jeff Parker the concept of reducing the thickness of the insulation at the rack support locations only.
22. The contractor was reminded that hot work permits need to be posted daily. Bob indicated that Jamar posts all permits in the Darland Building on a daily basis.
23. Bob questioned whether or not sprinkler work needs to happen within the tie-in area of the Life Science Building. The Architect indicated that it is not required at this time and a project is underway to provide sprinklers throughout the Life Science Building under separate work.
- 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, July 27, 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
Jmw

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

UMD Science Building Project #031007
3 Week Schedule

MORTENSON®		July							July							August						
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
Contractor Responsible	ACTIVITY	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8
	Area A																					
Neuman Insulation	Insulate duct, & pipe-all areas	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Jamar - Fitters	Install gr. flr. Htg.-condensate		x	x	x	x																
Jamar - Tinnners	Grill & diffuser drops-2nd flr.	x	x	x	x	x			x	x	x	x	x									
Lance Inc	Install countertops 2nd floor	x	x	x	x	x																
Lance Inc	Install casework&c-tops,1st flr.	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
AGO	Install casework plumbing	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
AGO	Install utility piping	x	x	x	x	x																
API	Wire casework	x	x	x	x	x			x	x	x	x	x									
API	Install lights-1st & 2nd flr.	x	x	x	x	x																
API	Install Penthouse lights								x	x	x	x	x			x	x	x	x	x		
Otis Elevator	Install elev cars	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Minute-Ogle	Stock & drywall ground floor			S					x	x	x	x	x			x	x	x	x	x		
Minute-Ogle	Drywall all 1st flr. Ceilings	x	x	x	x	x																
	Area B																					
Jamar - Fitters	Install htg-condensate, gr flr.								x	x	x	x	x									
Jamar - Fitters	Penthouse cooling	x	x	x	x	x			x	x	x	x	x									
Jamar - Fitters	Penthouse heating-hot water	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Jamar - Tinnners	S.S.fume duct - 2nd flr.	x	x	x	x	x																
Jamar - Tinnners	Install duct & mains-pent. #300	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Flament- Hampshire	Install ceiling grid-2nd floor	x	x	x	x	x																
AGO	Install piping-Gr. Flr. Mech. Rm.	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Minute-Ogle	Scaffold st.#2 & commons								x	x	x	x	x			x	x	x	x	x		
Minute-Ogle	Drywall clerestory & commons	x	x	x	x	x																
Minute-Ogle	Tape clerestory & commons								x	x	x	x	x									
API	Install devices - 1st floor								x	x	x	x	x			x	x	x	x	x		
Contract Tile	Ceramic tile 1st&2nd bathroom								x	x	x	x	x			x	x	x	x	x		
Harbor City	Install exterior slate	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
	Area C																					
Minuti Ogle	Tape & sand 1st floor	x	x	x	x	x			x	x	x											
Jamar - Fitters	Install 1st flr. heating	x	x	x	x	x			x	x	x	x	x									
Jamar - Fitters	Install groundflr. Heating															x	x	x	x	x		
AGO	Lab waste piping-gr. Flr. Area C	x	x	x	x	x																
HKL	Install Accura wall								x	x	x	x				x	x	x	x	x		
Mortenson	Install tamarack - cooling tower	x	x	x	x	x			x	x												
Jamar-Tinnners	Install room buildouts-2nd flrs.	x	x	x	x	x																
Jamar - Tinnners	S. S. fume duct - 2nd floor								x	x	x	x	x			x	x	x	x	x		
API	Cable tray & wire-ground floor	x	x	x	x	x																
N. Erectors	weld helical stair handrails	x	x	x	x	x																

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Contractor Responsible	ACTIVITY	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8
	Area D																					
Jamar - Tinnars	Install ground floor louvers	x	x	x	x	x																
Neuman Insulation	Insulate roadway soffit	x	x	x	x	x																
Minute-Ogle	Frame ext. soffits @ roadway										x	x	x			x	x	x	x	x		
API	Install light fixtures @ roadway															x	x	x	x	x		
Jamar Fitters	Alworth tunnel steam connect	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Com Roofing	Install skyway roof	x	x	x	x	x																
Mortenson	Demo Life Science - skyway	x	x	x	x	x																