



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 29, 2003**
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
Brian Morse -STANIUS JOHNSON architects
Dan Pennington -M.A. Mortenson
Bret Woodland -M.A. Mortenson
Mike Pierson -M.A. Mortenson

OBSERVATIONS AND DISCUSSIONS:

A construction meeting was held at 1:30 p.m. on Tuesday, July 29, 2003. There was a review of the previous construction meeting minutes dated July 22, 2003.

The following items were discussed and observations made:

Stanius 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 contractor reported that they are approximately two weeks off of both their short term schedule as well as their critical path schedule. They indicated that they are being hurt by the rain days that they have recently been experiencing. Contractor will analyze the weather service statistics and forward documentation on request of time extension to architect if they deem it justifiable for architect and owners review.
2. Attached to these meeting minutes are the contractor's short term schedule, RFI log, and current Submittal log.
3. With respect to Contract time, there are a number of Proposal Requests out that the contractor needs to respond to in a timely fashion. The contractor needs to respond to architects proposal requests indicating specific dollar amount impact (backed up by sub-contractor/supplier documentation) as well as any time impact associated with the proposal request. This needs to be done on a case by case basis.

Architect stated that there are a number of documents outstanding that are waiting contractor action. Architect assumes that all ASI's do not have a cost or schedule impact unless notified to the contrary by the contractor.

The architect is in receipt of PCO's #11 and #14 and is reviewing these items. The architect is awaiting responses to PR's #10, 12, 14, 15.1, 17, 19, 20, 21, 23.1, 24, 25, 27, 28, 29, 30, 31, and 32. **Contractor is to respond to these proposal requests as soon as possible.**

4. Disruption avoidance issues:
 - 12" waterline and 6" waterline. Verification is needed if both of these lines are to be worked on simultaneously. A fourteen (14) day notice needs to be given for utility disruption on UMD format distributed at the pre-construction meeting.

The 6" waterline is tentatively scheduled for installation the first part of August.

5. Progress to date:

MAM

- Structural steel erection, for Area A levels 1 and 2, is complete. Structural steel erection, Area B level 1, is complete including the installation of the metal decking. Structural Steel erection, Area B level 2, and the metal decking is about to proceed in that area.

MAM

- The contractor is proceeding with forming and pouring of the building footings and foundation walls. Area D is the only remaining section for this work.
- The first suspended floor slab pour is scheduled for this Friday in Area A, level 1.

MAM

- Contractor is proceeding with waterproofing, drain tile installation, and pea rock/engineered backfill on the building. The interior drain tile is proceeding.
- Underground plumbing and piping is proceeding at the ground level of Area A.
- The first slab on grade pour is scheduled for next Tuesday in Area A, ground floor level.

MAM, Greg Ewald

- Sod site work restoration as well top soil is substantially complete for the areas disturbed to this point. Mortenson has performed an estimate of the cost to install sod at the area adjacent to Kirby Drive and will be reviewing this item with Greg Ewald. GME has been onsite taking additional samples of the top soil from the stock pile as well as in place samples. The preliminary reports indicate that the material does not comply with the Contract Documents. Mortenson is discussing this issue with GME to determine if the existing soil can be amended to comply.

- GME, MAM** 6. Relative to item no. 7 of the previous meeting minutes, architect stated that he has contacted GME and instructed GME to document all cases where over excavation for footings are required to achieve the designed soil bearing pressure. This report needs to be location specific and give quantities of additional excavation out, additional backfill in, and additional cubic yards for concrete mud slab, and additional cubic yards of concrete footings. These will be reviewed and concurrence needs to be reached between GME and Mortenson.
7. Relative to item no. 8 of the previous meeting minutes concerning submittals, architect is still awaiting the following from the contractor.
- MAM**
- Coordination drawings. Dan Pennington indicated that Jamar will complete the first floor coordination drawings this week and will be forwarding those to their electrical contractor for their input and review and then submitted for review to the A&E team.
- MAM**
- Mock-ups and color samples. Reference architects letter to contractor of July 1, 2003.
- SJA, AEI** 8. Relative to item no. 9 of the previous meeting minutes regarding the site lighting revisions, architect has issued Proposal Request No. 33 addressing this issue. Greg Ewald indicated he had a number of concerns regarding the proposal and will be reviewing that item, in house, and advising architect.
9. Relative to item no. 11 of the previous meeting minutes regarding the design review meeting for the landscape design work, this meeting will be rescheduled.
- MAM** 10. Relative to item no. 12 of the previous meeting minutes, elevator consultant met with Otis Elevator. The results of this meeting are that Elevator No.1 shaft size shall remain per Contract Documents. Architect requests a letter of confirmation through Mortenson from Otis Elevator.
- MAM** 11. Relative to item no. 13 of the previous meeting minutes regarding the live load capacity of the mechanical tunnel, Mike Pierson is in receipt of some data from the manufacturer and is reviewing this item and forwarding the information to Greg Ewald.
- MAM** 12. Relative to item no. 14 of the previous meeting minutes regarding the review of the concrete floor finish, Dan Pennington indicated the two mock-ups will be ready for review the week of August 11, 2003. Architect will coordinate a date with the RBJ representative.
- Brian Morse requested that the contractor prepare as many other mock-ups as possible for review at that time to make efficient use of the Design Teams travel time. Mortenson will be pursuing the mock-up of the brick samples for that same review trip
- MAM** 13. Relative to item no. 15 of the previous meeting minutes, Architect requested that the contractor return signed Change Order No. 1 as soon as possible. It was issued to the contractor on June 25, 2003.
- MAM** 14. Relative to item no. 18 of the previous meeting minutes regarding the owner purchased chiller, John Rashid stated that the owner has ordered the chiller. The contractor is authorized to proceed with the changes outlined in the Proposal Request. Brett indicated the PCO for this item will be forthcoming to the architect this week.
- MAM** 15. Relative to item no. 19 of the previous meeting minutes regarding the casework shop drawings, Brian Morse stated that the architect is working on a revision to the casework in the teaching areas in order to comply with the requirement for accessibility in all of the teaching areas. The architect requested that the casework contractor focus on the Research Wing in order to minimize the extent of changes required to the shop drawings in the teaching area relative to the forthcoming proposal request.

- MAM** 16. Relative to item no. 21 of the previous meeting minutes regarding the mechanical and electrical penetrations requiring sleeves, architect indicated the electrical documents address the issues of sleeves. However, the mechanical documents indicate only specific locations of sleeving. It was decided that the contractor shall proceed as indicated on the Contract Documents and a review of the condition at the pipe penetrations will take place. At that time a decision will be made on whether or not future penetration will be sleeved.
- MAM, GME** 17. Greg Ewald expressed a concern about the trenching in the slab on grade areas. The sand bed for the slab is being disturbed and mixed in with the clay of the excavation for these trenches. Mortenson will have GME review these conditions and determine if the resulted mix complies with the Contract Documents.
- All Contractors** 18. **The next construction meeting will be held Tuesday August 5, 2003 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.



Brian Morse, AIA
bsa

attachments

cc: John Rashid, UMD
Jim Riehl, UMD
Bryan Keberlein, AEI
Michael Ross, RBJ
Tiffany Nash, RBJ
Dan Murphy, MBJ
Bob Leonard, MAM
Rick Stanius
File

Bruce Gingerich, UofM – (mail)
Scott Holm, UofM
Ken Kornberg, KKA
Tom Oslund, O&A
Chris Rousseau, MSA
Paul Johnson, MBJ
Eric Edlund, GME
Brian Morse

F:\01023 UMD Science Building\Administration\Construction\07-29-03CMM.doc

Submittal Log

Date: 7/29/03

Page: 1 of 2

Mortenson Job No.: 031007

Submittal	Rev.	Title	Status	Submittal Date	Current Dates				BIC	Days Held By Architect
					Rcvd.	Sent	Return	Forward		
04060		Masonry Mortar								
04060-PS-001	001	Mortar Mix Design/Reports, Man Cert: Mortar Mix Design	SUB		7/18/03	7/18/03			ARCH	11
04060-PS-002	001	Mortar Specs	SUB		7/18/03	7/18/03			ARCH	11
04070		Masonry Grouts								
04070-CE-001	001	Manuf. Certification/Test Reports: Manufacturers Certification	SUB		7/18/03	7/18/03			ARCH	11
04080		Anchor & Tie Systems								
04080-PS-001	001	Dur-o-Wal Anchor & Tie System Specs: Anchor & Tie System	SUB		7/18/03	7/18/03			ARCH	11
04080-PS-002	001	H & B Products Anchor & Tie System	SUB		7/18/03	7/18/03			ARCH	11
04085		Joint Reinforcement								
04085-PS-001	001	Joint Reinforcement Specs	SUB		7/18/03	7/18/03			ARCH	11
04211		Brick Unit Masonry								
04211-CE-001	001	Brick Unit Certification	SUB		7/17/03	7/21/03			ARCH	8
04211-TR-001	001	Test Reports	SUB		7/18/03	7/18/03			ARCH	11
04220		Concrete Unit Masonry								
04220-TR-001	001	Concrete Block Testing/ Certificat.: Concrete Block Testing	SUB		7/18/03	7/18/03			ARCH	11
04220-PS-001	001	Concrete Unit Masonry Specs	SUB		7/17/03	7/21/03			ARCH	8
04930		Masonry Cleaning								
04930-PS-001	001	Masonry Cleaning Specs: Masonry Cleaning Specs 600 Det, 1-	SUB		7/18/03	7/18/03			ARCH	11
05120		Structural Steel								
05120-SD-014	001	Areas A & B 1st & 2nd Tier Lintels: Erection Plans and Shop D	SUB		7/7/03	7/7/03			ARCH	22
07211		Acoustical Insulation								
07211-PS-001	002	Acoustical Insulation Specs	SUB		7/23/03	7/23/03			ARCH	6
07212		Thermal Batt Insulation								
07212-PS-001	002	Thermal Batt Insulation Specs	SUB		7/23/03	7/23/03			ARCH	6
07213		Wall Thermal Insulation								
07213-PS-001	002	Wall Thermal Insulation Specs	SUB		7/23/03	7/23/03			ARCH	6
07215		Cavity Wall Insulation								
07215-PS-003	001	Cavity Wall Insulation Drywl: Cavity Wall Ins. Drywl	SUB		7/23/03	7/23/03			ARCH	6
07215-PS-001	001	Cavity Wall Insulation Mason: Cavity Wall Installation Specs	SUB		7/18/03	7/18/03			ARCH	11
07215-PS-005	001	Foam Board Adhesive: PL300 Foam Board Adhesive	SUB		7/18/03	7/18/03			ARCH	11
07650		Flexible Flashing								
07650-PS-001	001	Flexible Flashing Specs	SUB		7/18/03	7/18/03			ARCH	11
07900		Joint Sealers								
07900-PS-003	001	Acoustical Joint Sealers Specs	SUB		7/23/03	7/23/03			ARCH	6
07900-PS-002	001	Mason Joint Sealers	SUB		7/18/03	7/18/03			ARCH	11
10210		Fixed Metal Wall Louvers								
10210-SD-001	001	Fixed Metal Wall Louvers	SUB		6/23/03	6/25/03			ARCH	34
10210-SA-001	001	Fixed Metal Wall Louvers Samples	SUB		6/23/03	6/25/03			ARCH	34
10210-PS-001	001	Fixed Metal Wall Louvers Specs	SUB		6/23/03	6/25/03			ARCH	34
10705		Sun Screens								
10705-SA-001	001	Sun Screens Finish Colors	SUB		6/16/03	6/17/03			ARCH	42
10705-SA-002	001	Sun Screens Powder Coat Finish Samp: Sun Screens Powder	SUB		6/16/03	6/17/03			ARCH	42
10705-SD-001	001	Sun Screens Shops	SUB		6/16/03	6/17/03			ARCH	42
15030		Mechanical System Insulation								
15030-PS-001	002	Mechanical System Insulation Specs	SUB		7/28/03	7/28/03			ARCH	1
15340		Laboratory Vacuum System								
15340-SD-002	001	Laboratory Vacuum Systems	SUB		7/28/03	7/28/03			ARCH	1

Submittal Log

Date: 7/29/03

Page: 2 of 2

Mortenson Job No.: 031007

Submittal	Rev.	Title	Status	Submittal Date	Current Dates				BIC	Days Held By Architect
					Rcvd.	Sent	Return	Forward		
15630 Pumps										
* 15630-SD-004	002	Pumps: Pressure Power Pumps	SUB		7/24/03	7/24/03			ARCH	5
15850 Ductwork										
15850-PS-006	001	Stainless Duct @ Biosafety/Fume Exh	SUB		7/24/03	7/24/03			ARCH	5
15902 Control Valves & Dampers										
15902-PS-001	001	Control Valves & Damper Specs	SUB		7/11/03	7/28/03			ARCH	1
15904 Lab Temp & Airflow Control Systems										
15904-PS-001	001	Lab Temp & Airflow Control Specs	SUB		7/28/03	7/28/03			ARCH	1
16084 Electrical Systems Firestopping										
16084-PS-001	001	Electrical System Firestopping Spec	SUB		7/28/03	7/28/03			ARCH	1

Submittal's +21 Days: 7

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	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10
	Area A																					
N. Erectors	Set str. Stl. - Upper levels											x	x			x	x	x				
N. Erectors	Detail struct. Steel															x	x	x	x	x		
N. Erectors	Decking	x	x															x	x	x		
AGO	Underground plumbing	x	x	x	x																	
API	Underground elect.	x	x	x	x	x			x													
Harbor City	Foundation walls					x			x	x	x	x	x									
Mortenson	SOG					x			x	p	x	x	p									
	Area B																					
Mortenson	FRP walls	x	x	p																		
Jamar/Ulland	Waterproof-backfill	x	x	x	x	x																
N. Erectors	Set str. Stl.	x	x	x																		
N. Erectors	Detail stl.		x	x	x	x			x													
N. Erectors	Decking					x			x	x	x	x										
AGO	Underground plumbing										x	x	x									
API	Underground elect.											x	x			x						
Mortenson	SOG															x	p	x	p			
	Area C																					
Ulland Bros.	Exc. Ftgs.		x	x																		
Mortenson	FRP ftgs.		x	p																		
Mortenson	FRP walls			x	x	p																
Jamar/ Ulland	Waterproof-Backfill								x	x	x	x	x						c			
N. Erectors	Set str. Stl.																		l			
N. Erectors	Detail stl.																		o			
N. Erectors	Decking																		s			
																			e			
	Area D																					
Ulland Bros.	Exc.ftgs. & ductbank								x	x	x	x	x			x	x	r	x	x		
Ulland Bros.	Install 6" waterline								x	x	x	x				x	x	o	x	x		
Mortenson/ Sowles	FRP ftgs.									x	p	x	p			x	p	a	x	p		
Mortenson/ Sowles	FRP walls											x	x			p	x	d	x	p		
Jamar/ Ulland	Waterproof-Backfill																					
N. Erect.	Set str. Stl.																					
N. Erect.	Detail str.stl.																					
N. Erect.	Decking																					

**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	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10
	Area A																					

Request for Information Log**Date: 7/29/03****Mortenson Job No: 031007****Page: 1 of 1**

Issue	To	From	Number	Description	Status	Dated	Responded	Required	Days Held
10-001	ARCH	MORT	00112	Arch Prod. RFI #1 - Sunscrn Finish	NEW	6/23/03		6/30/03	36
05-096	ARCH	MORT	00172	Stair Cable Clarification	NEW	7/18/03		7/25/03	11
15-022	ARCH	MORT	00176	Jamar RFI #35 - RFI 132 Clarif.	NEW	7/21/03		7/28/03	8
15-036	ARCH	MORT	00178	Jamar RFI #36 - PSV Vent Sizes	NEW	7/23/03		7/30/03	6
15-046	ARCH	MORT	00181	Damper Opening Verif. Area F	NEW	7/24/03		7/31/03	5
15-040	ARCH	MORT	00182	Fire Damper Confirmation, M304	NEW	7/24/03		7/31/03	5
15-043	ARCH	MORT	00183	LPS, LPC @ E,17 2nd Floor-Where to?	NEW	7/24/03		7/31/03	5
15-044	ARCH	MORT	00184	HWS Size to FR-12	NEW	7/24/03		7/31/03	5
15-045	ARCH	MORT	00187	Space @ Floor for S, LW Risers	NEW	7/28/03		8/4/03	1

Open RFI's: 9

Brenda Abrahamson

From: Joy [jmichali@d.umn.edu]
Sent: Wednesday, July 30, 2003 10:11 AM
To: umd.business.announce@d.umn.edu
Subject: Swenson Science Building Update - July 30, 2003

IMPORTANT! This message has been blind-carbon-copied to you.
Do not reply-to-all or forward it without the author's permission.

DATE: July 30, 2003

TO: UMD Campus Community

FROM: Greg Ewald, Project Manager

RE: James I. Swenson Science Building

Lot W is now completely closed.

Kirby Drive from College Street to the Kirby Bus turn around is also now closed to thru traffic but will remain accessible for emergency and construction usage only.

A power-operated door has been installed at the south end of Marshall W. Alworth Hall to complete the accessible route.

The exit from the Kirby Loading Dock has been closed to routine thru traffic, but remains accessible as an "emergency exit" only. Exiting from the Kirby Loading Dock will be by means of utilizing the current entrance. Stop and go lights have been installed to allow two-way traffic. Please notify any personnel/vendors using this facility of these changes.

During the week of August 4, contractors will continue erosion and sediment control, excavation, foundation and grade wall work, site utilities, below grade waterproofing, backfilling and drain tile. Structural steel and decking erection will continue in both research and academic areas. Should you need any additional clarification or have special needs, please call Facilities Management at X8262 or Greg Ewald at X8274.

Thank you again for your patience and understanding during the construction process.

To view the construction site, please follow this URL to the project web cam
<http://labscicam.d.umn.edu/axis-cgi/jpg/image.cgi?resolution=704x480>

Joy M
Facilities Management
Extension 8244
Have an awesome day!