



## 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:** **November 4, 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
Rick Stanius	-STANIUS JOHNSON architects
Mike Pierson	-M.A. Mortenson
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, November 4, 2003. There was a review of the previous construction meeting minutes dated October 28, 2003.

The following items were discussed and observations made:

#### Stanius Johnson Architects

[www.staniusjohnson.com](http://www.staniusjohnson.com)

■ Duluth: 1831 East 8th St. Duluth, Minnesota 55812-1396 Phone 218-724-8578 Fax 218-724-8717  
□ St. Cloud: 2035 15<sup>th</sup> 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 Mortenson stated that the project is approximately 1 to 2 weeks behind schedule.

There was a review of the project schedule after this construction meeting, by all present.

**SJA**

2. Attached to these meeting minutes are the contractor's short term schedule, RFI log, and current Submittal log. Architect stated that he will email to the contractor his roster so that they can coordinate with their logs.

On the Submittal Log, the asterisked items in the left hand column are priority items for 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 architects review of the proposal request prior to approvals.

**MAM**

Outstanding PR's are #'s 10.1, 20, 32, 35, 39, 40, 41, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52 and 53. **Contractor is to respond to these proposal requests as soon as possible.**

4. Disruption avoidance issues:

**MAM**

- Contractor stated that they have started work on the 12" waterline. The permanent line connection will be done in the spring.

**Greg Ewald**

5. Relative to item no. 5 of the previous meeting minutes, Facilities Management is still tracking down the grounding line that is attached to the abandoned 6" waterline. These twin grounding cables are clamped to the 6" line, cross the existing tunnel, and penetrate the tunnel wall. Greg Ewald is to follow-up on this issue.

6. 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, installation of the penthouse roof will continue through this week and most likely through next week because of the weather. Lower parapet blocking will be complete by the end of this week. Main roof installation will begin next week and continue through the following week. Electrical feeder line to the penthouse will be installed next week. Air handling duct work will continue through the next three weeks. Installation of heating lines will also continue through the next three weeks. Concrete floor polishing of the first level will be complete the latter part of this week and continue through next week. Installation of window frames will continue for the next three weeks. Framing of rated walls in the mechanical room will continue this week and next week.

**MAM**

- Area B, exterior wall framing and sheathing will continue through this week. Installation of air handling unit fans and ductwork will continue through the next three weeks. Concrete walls in Elevator No. 1 block shaft will start the middle of this week and continue for the next three weeks. Installation of feeder and branch circuits will be proceeding this week and next week. Installation of heating and cooling lines will continue through this week and will be picked back up the third week of November.

**MAM**

- Area C, detailing and roof installation is continuing. Installation of slab on metal deck drains will be complete this week. Installation of slab on metal deck electrical will also be complete this week. Installation of bent plate and lintels is proceeding this week through next week. Installation of re-enforcing bar and mesh will start this week and continue through next week with concrete slab on metal deck scheduled to pour this Thursday and next Tuesday. Framing of exterior walls will continue for two weeks. Installation of steam lines will start the

third week of November.

- MAM**
- Area D, laying of the concrete block for Stair No. 4 continues through next Installation of slab on grade drains will be complete this week. Erection of lintels skyway will start next week and continue through the third week of November. Detailing and decking is scheduled for next week and will continue into the third week of November. Final preparation for slab on grade will be complete this week. Installation of re-enforcing bar and mesh scheduled for the first part of next week and pour scheduled for Wednesday. Below slab on grade will continue this week.

- MAM**
7. Relative to item no. 7 of the previous meeting minutes concerning the sequence of construction for window installation, Architect has issued a letter to Mortenson of November 3, 2003. Architect is requesting a letter from HKL of acceptance of the sequencing, and the additional plates were the recommendation of HKL. Also Architects email to Dan Pennington of October 30, 2003 requests re-submission of the revised window sill detail addressing the configuration of the stone sill as well as the through wall flashing.

- MAM**
8. Relative to item no. 8 of the previous meeting minutes and in clarification to last weeks meeting minutes, Contractor is aware of the requirement to protect slab on grade conditions from frost penetration.

Contractor also forwarded to Harbor City Masonry these requirements. Contractor stated that they are complying with those requirements.

- MAM**
9. Relative to item no. 9 of last weeks meeting minutes, Mortenson has forwarded to GME their document indicating in all cases where over excavation for footings was required to achieve the designed soil bearing pressure. Contractor stated that the report does give specific locations and gives quantities of additional excavation out, additional backfill in, as well as additional cubic yards of concrete mud slab, and additional cubic yards of concrete footings. Contractor stated that they have concurrence between Mortenson and GME on quantities and a PCO will follow.

10. Relative to item no. 10 of the previous meeting minutes concerning submittals, architect is still awaiting the following from the contractor.

- MAM**
- Coordination drawings. Ground floor, first floor, and second floor, all areas, drawings have been completed and are being reviewed by Mortenson. Sets need to be distributed to owner and Design Team for review only, they will not be resubmitted approved since these are coordination contractor use drawings. They will be distributed to all trades by Mortenson. Still needed is the remaining floor levels as soon as possible.

Greg Ewald and Architect underscored the importance of accessibility of the cable tray. A lay-out review meeting on this issue is to be called by Mortenson as soon as the coordination drawings are to that point. A review meeting for the corridor mechanical and electrical is scheduled for this Thursday at 1:00 pm.

- MAM**
- Mock-ups and color samples. Reference architects letter to contractor of July 1, 2003.

- MAM**
- Sprinkler shop drawings need to be forwarded to the Design Team as well as sending two copies to Dave Stringfield, at the same time, for his review and comment.

- MAM**
- Sun screens. The Contractor is working through Ruskin to provide an alternate proposal for single source procurement. Clear anodized finish is preferred. A revised screen material has been selected. **Contractor still needs to forward to RBJ a 2'x2' corner sample.**

- Design Team** 11. Relative to item no. 11 of the previous meeting minutes, the Design Team is moving forward with the landscape design for the project.
- MAM** 12. Relative to item no. 12 of the previous meeting minutes concerning the column splice conditions, Contractor will be making up the splices/shims after shop drawings requested by MBJ are received and approved. After the work is done it needs to be inspected by GME.
- MAM** 13. Relative to item no. 13 of the previous meeting minutes, Greg Ewald requested that the Design Team issue a proposal request for replacing the temporary handicap ramps crossing Kirby Drive with permanent ADA/MNDOT compliance handicap curb cuts, per the Original Contract Document Design Detail. The location of the permanent handicap curb cuts will be the same as the location of the temporary now in place.
- SJA, Dave Mueller** 14. Relative to item no. 14 of the previous meeting minutes concerning the Elevator shop drawings, the shop drawings for Elevator No. 1 and 2 have been sent to Architects office who has in turn forwarded them to Architects Consultant, Elevator Advisory Group. A courtesy copy has also been sent to Dave Mueller for his initial review and comment. Contractor asked that these be returned as soon as possible.
- Jeff Parker** 15. Relative to item no. 15 of the previous meeting minutes, a coordination meeting was held between MAM, the Mechanical Sub-contractor, Architect and Engineer, with respect to the flash tanks that will flash high pressure condensate. There are four additional flash tanks that will be needed. MAM has requested additional design information from AEI so that it can be added to the currently issued Proposal Request No. 45.
- MAM, Jeff Parker** 16. Relative to item no. 17 of the previous meeting minutes concerning the Substantial Completion Inspection of the Tunnel, there is one other line that needs to be run and the Contractor is waiting its completion before returning the punch list. Greg Ewald stated a concern on the elevation of the steam lines penetrating the Tunnel. This is being addressed by AEI and will become part of PR#45 for the flash tanks.
- MAM** 17. Relative to item no. 18 of the previous meeting minutes, again discussion was held concerning the Retro Plate sub-contractors recommendation for small crack sealant. Architect approved the Contractor to use as a test area this product on the first grind area, for Architects and Owners review and approval.
- The additional top coat sealer recommended by Darrel from Retro Plate was discussed. John Rashid elected not to accept this additional sealer.
- Greg Ewald** 18. Relative to item no. 19 of the previous meeting minutes, Dan asked that the Owner forward to him a copy of the Owners Builders Risk as soon as possible.
- MAM** 19. Relative to item no. 20 of the previous meeting minutes, discussion was held again concerning the possibility of re-using existing low pressure steam line for high pressure. John Rashid indicated there is a lack of information because of the age of the line. The Contractor is to proceed with replacement of the line per Original Contract Documents.
- MAM** 20. Discussion was held concerning cold weather application of the built-up roofing system. Architect is requiring from the Contractor a letter from Barrett Companies indicating the acceptability of laying the roof down in cold weather conditions. The letter also needs to indicate that it will not be compromised. This item needs to be addressed immediately.
- MAM** 21. Architects letter of October 28, 2003 to MAM was discussed concerning the samples for the casework. These colors need to match as closely as possible. This could require tinting of the clear sealant to achieve this match condition. Contractor needs to get samples from all three vendors for Architects review. The possibility that the samples will need to be given to the painter to have him come with a tinted match, and then that information forwarded to the individual vendors so that casework arrives on the project with a close match. All of these three products are pre-finished and therefore the painter will not be asked to do anything other than come with a tint match recommendation for the three vendors.

**MAM** 22. Greg Ewald underscored the importance of the Contractor to accurately document all bearing conditions, all concealed conditions and site buried conditions accurately on the Contractors "as built" drawings.

Greg again reminded the Contractor of the 72-hour requirement for notification to the University prior to concealing any mechanical or electrical system. **This will be strictly adhered to in the future.**

**All Contractors** 23. 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** 24. The next construction meeting will be held **Tuesday, November 11, 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.



Rickard A. Stanius, AIA, CSI  
bsa

attachments

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**

<b>MORTENSON<sup>®</sup></b>		November							November							November						
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
<b>Contractor Responsible</b>	<b>ACTIVITY</b>	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Area A																					
Com. Roof.	Install penthouse roof	x	x	x	x	x																
Mortenson	Lower parapet blocking			x	x	x																
Com. Roof.	Install lower roof								x	x	x	x	x			x	x					
API	Install feeder line -penthouse								x	x	x	x	x									
Jamar	Install AHU ductwork	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Jamar	Install heat lines	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Conc Restoration	Retroplate 1st level				x	x			x	x	x	x										
HKL	Install Windows	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Minute-Ogle	Frame rated walls-Mech. Rm.	x	x	x	x	x			x	x	x	x	x									
	Area B																					
Minute-Ogle	Frame, & sheet A-line	x	x	x	x	x																
Jamar	Install AHU fans, & duct	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Harbor City	Block walls&Elev. #1			x	x	x			x	x	x	x	x			x	x	x	x	x		
API	Install feeder, & branch conduit	x	x	x	x	x			x	x	x	x	x									
Jamar - Fitters	Install heating, & cooling	x	x	x	x	x										x	x	x	x	x		
	Area C																					
N. Erectors	Detail & deck roof	x	x	x	x	x			x	x	x	x	x									
AGO	Install drains SOMD	x	x	x																		
API	Install elect. SOMD		x	x																		
N. Erectors	Install bent plate & lintels	x	x	x	x	x			x	x	x	x	x									
Sowles	Install rebar & mesh	x	x	x					x	x	x	x	x									
Mortenson	Place SOMD			x	p				x	p												
Minute-Ogle	Frame ext. walls	x	x	x	x	x			x	x	x	x	x									
Jamar - Fitters	Install steam															x	x	x	x	x		
	Area D																					
Harbor City	Lay block st. # 4	x	x	x	x	x			x	x												
AGO	Install drains SOG		x	x																		
N. Erect.	Erect lintels- skyway								x	x	x	x	x			x	x	x	x	x		
N. Erect.	Detail, & deck									x	x	x	x			x						
Mortenson	Fine grade SOG				x	x																
Sowles	Install rebar, mesh.-SOG								x	x												
Mortenson	Place SOG									x	p											
API	Install SOG electrical				x	x																

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

<b>MORTENSON<sup>®</sup></b>		November							November							November						
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
<b>Contractor Responsible</b>	<b>ACTIVITY</b>	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Area A																					

## Submittal Log

Date: 11/4/03

Page: 1 of 1

Mortenson Job No.: 031007

Submittal	Rev.	Title	Status	Submittal Date	Current Dates				BIC	Days Held By Architect
					Rcvd.	Sent	Return	Forward		
<b>09920</b>		<b>Interior Painting</b>								
09920-SA-001	001	Interior/Exterior Painting Samples: Interior Painting Samples	SUB		8/1/03	8/4/03			ARCH	92
<b>14240</b>		<b>Elevators</b>								
14240-SD-001	001	Elevator Shops	SUB		10/16/03	10/16/03			ARCH	19
<b>15280</b>		<b>Automatic Fire Sprinkler System</b>								
15280-SD-001	001	Automatic Fire Sprinkler Shops/Calc	SUB		10/28/03	10/29/03			ARCH	6
<b>15910</b>										
15910-SD-002	002	Temperature Control Drawings	SUB		10/27/03	10/30/03			ARCH	5

Submittal's +21 Days: 1

**Request for Information Log**

Date: 11/4/03

Mortenson Job No: 031007

Page: 1 of 1

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Issue	To	From	Number	Description	Status	Dated	Responded	Required	Days Held
15-101	ARCH	MORT	00276	G-6, LD-1 Quantity, Size	NEW	10/30/03		11/6/03	5

**Open RFI's: 1**

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## PCO Status Log

Date: 11/4/03

Mortenson Job No: 031007

Page: 1 of 2

Type	Number	Title	Issue	Engr	Status	Opened	Sent	Negotiated	Ref	Number
<b>Negotiated, Pending Change Order</b>										
PCO	00010.1	PR#006.1 Metal Grating Area Wells	05-016	MP	APP	9/26/03	9/30/03	10/21/03	PR	00006.1
PCO	00015.1	PR #024- Fiberock & Vapor Barrier	07-002	BW	APP	10/3/03	10/3/03	10/21/03	PR	00024
PCO	00019.1	PR#27.1 Addition of a 2nd Chiller	15-014	BW	APP	9/23/03	9/30/03	10/21/03	PR	00027.1
PCO	00028	Guardrail Detail Stair #3 & #4	05-094	MP	APP	8/11/03	9/30/03	10/21/03		
PCO	00032	PR#014 Concrete Floor Finish	03-012	MP	APP	8/26/03	9/30/03	10/21/03	PR	00014
PCO	00033	Masonry Reinforcement Changes	04-008	MP	APP	8/28/03	8/28/03	10/21/03		
PCO	00035	PR#33, 33.1- Site Lighting Revision	16-014	BW	APP	9/23/03	9/30/03	10/21/03	PR	00033.1
PCO	00036	PR#012 Brick Ledge, Grade, Catch Ba	03-007	MP	APP	9/23/03	9/24/03	10/21/03	PR	00012
PCO	00037	PR #37 - Stone Veneer Alternates	04-003	DP	APP	9/25/03	10/2/03	10/21/03	PR	00037
PCO	00038	PR #038- Additional Area Drains	15-082	BW	APP	9/26/03	9/30/03	10/21/03	PR	00038
PCO	00039	PR #031 - Elev. Equipt. Rm Mech Rev	15-049	BW	APP	9/26/03	9/30/03	10/21/03	PR	00031
PCO	00041	PR#042 Grout Top Ext. Mason Wall	04-013	MP	APP	10/2/03	10/9/03	10/21/03	PR	00042
PCO	00043	High Voltage Change per UMD	16-018	BW	APP	10/8/03	10/9/03	10/21/03		
PCO	00045	PR #036- Revolving Door Slab Change	03-029	MP	APP	10/8/03	10/9/03	10/21/03	PR	00036
PCO	00046	Defelct 12" Water Main	02-010	MP	APP	10/9/03	10/9/03	10/21/03	COR	00007
PCO	00047	No Lintel Between C, C.9 on Grid 18	05-060	MP	APP	10/9/03	10/9/03	10/21/03	CIC	00013
PCO	00048	ASI#002 T.O.W. at Retaining Wall	03-011	MP	APP	10/9/03	10/9/03	10/21/03	ASI	00002
PCO	00049	ASI#003 Placement of SOG Vapor Barr	03-004	MP	APP	10/9/03	10/9/03	10/21/03	ASI	00003

## 18 Items

## Fully Executed Change Order

PCO	00002	PR#008 - 12" Waterline Revision	02-004	MP	CLO	5/20/03	5/20/03	6/24/03	PR	00008
PCO	00003	PR#002 Change Alt. Casework to Wood	12-002	MP	CLO	5/29/03	5/29/03	6/24/03	PR	00002
PCO	00004	PR#005 Rev.1 Delete Hold Open Devic	08-003	BW	CLO	5/29/03	5/29/03	6/24/03	PR	00005
PCO	00005	PR#013 Lab Vacuum Venting	15-009	BW	CLO	6/5/03	6/5/03	6/24/03	PR	00013
PCO	00006	PR#003 Delete Roof Anchors	11-001	DP	CLO	6/10/03	6/11/03	6/24/03	PR	00003
PCO	00007	PR#016 Revised Sanitary Line	02-007	MP	CLO	6/12/03	6/12/03	6/24/03	PR	00016
PCO	00008	PR#018 Revise Elect. Motor Schedule	16-001	BW	CLO	6/25/03	6/25/03	8/11/03	PR	00018
PCO	00011	PR#007 Housekeeping Custodial Rooms	15-007	BW	CLO	7/24/03	7/24/03	8/11/03	PR	00007
PCO	00012	PR#019 Elect. Resistance Load Bank	16-005	BW	CLO	7/30/03	7/30/03	9/8/03	PR	00019
PCO	00014	PR#011 Steam Traps	15-008	BW	CLO	7/22/03	7/23/03	8/11/03	PR	00011
PCO	00015	PR #024.1 Fiberock and Vapor Barrie	07-002	BW	CLO	7/30/03	7/30/03	8/11/03	PR	00024
PCO	00016	PR #29 Add Sedimentation Basins	01-004	MP	CLO	8/5/03	8/5/03	8/11/03	PR	00029
PCO	00017	PR 23.1 Elec. Additions/Revisions	16-006	BW	CLO	7/30/03	7/30/03	9/8/03	PR	00023.1
PCO	00018	PR#021 Door Hardware/Doors Revision	08-009	BW	CLO	7/30/03	7/30/03	8/11/03	PR	00021
PCO	00022	PR #25 Building Draitile Aggregate	02-009	MP	CLO	8/5/03	8/7/03	8/11/03	PR	00025
PCO	00023	PR#017 Stair Sup. and Bridge Sect.	05-079	MP	CLO	8/19/03	8/19/03	9/8/03	PR	00017
PCO	00026	Jamar RFI #016 - Sink Clarification	15-023	BW	CLO	8/15/03	8/19/03	8/11/03	RFI	00133

## PCO Status Log

Mortenson Job No: 031007

Date: 11/4/03

Page: 2 of 2

Type	Number	Title	Issue	Engr	Status	Opened	Sent	Negotiated	Ref	Number
<b>Fully Executed Change Order</b>										
PCO	00027	Jamar RFI #015 - Cleanout Clarify	15-020	BW	CLO	8/15/03	8/19/03	8/11/03	RFI	00130
PCO	00029	Jamar RFI #011 - Duct Size Clarify	15-059	BW	CLO	8/15/03	8/19/03	8/11/03	RFI	00127
PCO	00030	Additional Sodding	02-022	MP	CLO	8/26/03	9/2/03	9/8/03		
PCO	00031	Jamar RFI #003 - Verify EF-8, EF-9	15-005	BW	CLO	8/26/03	8/26/03	8/11/03		
<b>21 Items</b>										
<b>Unsubmitted</b>										
PCO	00040	ASI #014 - Braced Frame Connection	03-007	MP	NEW	9/29/03			ASI	00014
PCO	00042	Re-detail and Revise Area Wells	03-030	MP	NEW	10/7/03			COR	00005
PCO	00044	PR#010 Add Doors to Chiller Room 31	03-008	MP	NEW	10/8/03			PR	00010
PCO	00050	PR32 Increase Penthouse Louver Size	10-007	BW	NEW	10/9/03			PR	00032
PCO	00051	ASI #17 columns at Grid C7 & C8	03-020	MP	NEW	10/9/03			ASI	00017
PCO	00052	PR #044- Gear/Pump Relocation	16-016	BW	NEW	10/30/03			PR	00044
<b>6 Items</b>										
<b>Pending Negotiation</b>										
PCO	00013	ASI #011 elevator waterproofing	07-003	BW	OPN	7/22/03	7/23/03		ASI	00011
PCO	00020	PR#020 Revise Door Types	08-008	BW	OPN	8/5/03	8/5/03		PR	00020
PCO	00021	PR #030 Add Elev Sump/Subsoil Drain	15-017	BW	OPN	8/14/03	8/14/03		PR	00030
PCO	00034	PR #034- Floor Drain Piping Confirm	15-063	BW	OPN	9/26/03	9/30/03		PR	00034
<b>4 Items</b>										
<b>49 Total Items</b>										

## Open Notice Log

Sorted by Engineer

Date: 11/4/03

Mortenson Job No: 031007

Page: 1 of 1

Issue	Item	Number	Description	Engr	Status	Dated	Required	Approved	Ref Number	Cost
15-074	PR	00035.1	PR #035.1- Revisions to PRs 28, 35	BW	NEW	10/10/03			PR 00035	\$0
07-014	PR	00039	PR #039-- Roof/Expan/Scupper Change	BW	NEW	9/24/03	10/1/03			\$0
15-088	PR	00041	PR #041- Fumehood FH122 Change	BW	NEW	9/29/03	10/6/03			\$0
16-016	PR	00044	PR #044- Gear/Pump Relocation	BW	NEW	10/23/03	10/30/03		RFI 00209	\$0
15-060	PR	00045	PR #045- Flash Tanks @ HPC	BW	NEW	10/16/03	10/23/03			\$0
09-007	PR	00047	PR #047- Misc. Door/Wall/Proj. Scrn	BW	NEW	10/23/03	10/30/03			\$0
16-026	PR	00048	PR #048- Eliminate Generator Enclos	BW	NEW	10/29/03	11/5/03			\$0
15-099	PR	00049	PR #049- F/I Sink @ Rm 31 Casework	BW	NEW	10/29/03	11/5/03			\$0
15-102	PR	00052	PR #052-Revised Testing Req's 15340	BW	NEW	11/4/03				\$0
<b>9 Items</b>									<b>Subtotal:</b>	<b>\$0</b>
05-149	PR	00040	PR#040 Handrail and Guardrail Chang	MP	NEW	9/23/03	9/30/03			\$0
05-163	PR	00043.1	PR#043.1- Hot-Dipped Galv @ Helical	MP	NEW	10/20/03	10/27/03		PR 00043	\$0
10-001	PR	00046	PR #046 Sunscreen Revisions	MP	NEW	10/27/03	11/3/03			\$0
02-030	PR	00050	PR #050 Handicap Ramps @ Sidewalk	MP	NEW	10/31/03	11/7/03			\$0
05-166	PR	00051	PR #051 3x6x1/4 TS for Feature Wall	MP	NEW	10/31/03	11/7/03			\$0
<b>5 Items</b>									<b>Subtotal:</b>	<b>\$0</b>
<b>14 Total Items</b>									<b>Total:</b>	<b>\$0</b>

## Brenda Abrahamson

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**From:** Joy [jmichali@d.umn.edu]  
**Sent:** Wednesday, November 05, 2003 4:03 PM  
**To:** Brenda Abrahamson  
**Subject:** Swenson Science Building Update - November 5 (fwd)

----- Forwarded Message -----

Date: Wednesday, November 05, 2003 3:36 PM -0600  
From: UMD Facilities Management <facmgt@d.umn.edu>  
To: umd.business.announce@d.umn.edu, facilities\_management@d.umn.edu  
Subject: Swenson Science Building Update - November 5

DATE: November 5, 2003

TO: UMD Campus Community

FROM: Greg Ewald, Project Manager

RE: James I. Swenson Science Building

During the week of November 10, 2003:

As winter conditions are approaching, excavation, foundation and grade wall work, below grade waterproofing, backfilling and drain tile work items will decrease, although contractors will continue erosion and sediment control throughout project duration. Structural steel, decking, and concrete slabs in the research area are complete and nearing completion in the remaining areas of the facility. Work will continue in the Kirby Tunnel, Marshall W. Alworth Hall and Life Science electrical and mechanical spaces. Interior mechanical and electrical equipment installation and associated work will continue throughout the project duration. Exterior wall systems, windows and roofing work has begun and will continue until the building envelope is complete. Site utilities and site work will decrease and begin next spring and continue until completed. Tie-in at Life Science Facility is anticipated to begin next spring also.

Thank you again for your patience and understanding during the construction process. Should you need any additional clarification or have special needs, please call Facilities Management at X8262 or Greg Ewald at X8274.

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>

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Facilities Management Department  
241 Darland Administration Building  
1049 University Drive  
Duluth, MN 55812-3011

----- End Forwarded Message -----

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Joy M  
Facilities Management  
Extension 8244  
Have an awesome day!