



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 11, 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
Mike Austin	-UofM EHS
Norbert Norman	-UMD EHS
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 11, 2003. There was a review of the previous construction meeting minutes dated November 4, 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 Mortenson stated that the project is approximately 1 to 2 weeks behind schedule.

Dan is completing the updated construction schedule and it will be reviewed after next weeks construction meeting.

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 32, 39, 40, 43, 45, 46, 47, 50, 51, 52 and 53. **Contractor is to respond to these proposal requests as soon as possible.**

4. Disruption avoidance issues:

MAM

- None.

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. Built-up roofing on the penthouse, except for the final flood coat and ballast and detailing, is substantially complete. Installation of louver and blocking. Installation of lower roof will begin this week and continue through the last week of November. Installation of electrical feeder lines in the penthouse will continue this week and next. Installation of air handling unit ductwork continues through the month of November. Louver installation is scheduled for next week and the following week. Work on the heating lines continues through November. Retro-plate on the first level will begin this week through part of next week. Installation of windows is continuing this week and next week. Framing in the electrical room will start the end of this week and continue through next week.

MAM

- Area B. Sheathing and soffit will continue through this week. Installation of air handling fans and ductwork will continue through November. Concrete block unit masonry walls in Elevator No. 1 will begin the last week of November. Installation of electrical feeder and branch circuitry will continue this week and next. Heating and cooling piping will start the last week of November.

MAM

- Area C. Detailing and deck penetration of roof will continue this week and next. Installation of drains for slab on metal deck, as well as electrical prep for slab on metal deck, will continue. Grid installation of lintels will proceed this week and next week. Contractor will be working on rebar and mesh this week with slab on metal deck roof scheduled for Thursday, weather permitting. Placement of equipment pads continues. Setting of air handling units will start the middle of next week. Framing of exterior walls will continue this week through next week. Installation of steam lines will begin the last week of November.

MAM

- Area D. Laying of the concrete block for Stair No. 4 continues this week through

the middle of next week. Installation of drains for slab on grade will be complete this week. Lintels and skyway will continue through the next three weeks. Detailing and decking is scheduled for next week and the first part of the following week. Setting of the manhole cover was completed today. Final grading for slab on grade will continue through this week with rebar and mesh scheduled the end of this week and the first part of next week. Electrical prep for slab on grade will be done this week with the slab on grade itself scheduled to pour next Tuesday, weather permitting.

- 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, last Friday, November 7th, Architect had GME put down thermal couple sensing units on the slab on grade, Areas A-D. Temperature readings and recommendations from GME will follow under separate cover. Contractor is aware of the requirement of protecting slab on grade from frost penetration.
- 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.
 - 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.
- Results of the coordination meeting held last Thursday at 1:00 pm to discuss the coordination of the cable tray resulted in the general requirement for the Contractor to relocate the cable tray on the corridor, in pieces. This should be indicated on the drawings and final layout of course documented on as-built drawings.
- 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.**

- MAM** 11. 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.
- SJA** 12. 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. Dave Mueller has forwarded his comments through Greg Ewald to Brian Morse for incorporation into the rebar Contractor. Architect is still awaiting a review set from the Architects Elevator Consultant.
- MAM** 13. Relative to item no. 16 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.
- MAM** 14. Relative to item no. 17 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.
- UMD
Facilities,
MAM** 15. Relative to item no. 19 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.
- Greg indicated that George Gelerstad is looking for possible ways to maintain low pressure steam service to adjacent buildings. Also Jamar is at sequencing. This work will happen this spring but still needs to be carefully coordinated since the line does serve domestic hot water, among other things.
- MAM** 16. Relative to item no. 20 of the previous meeting minutes concerning cold weather application of the built-up roofing system. There is a review meeting on this issue scheduled for tomorrow at 10:00 am in Mortensons trailer. Representatives from the roofing sub-contractor, as well as the supplier, will be present.
- MAM** 17. Relative to item no. 21 of the previous meeting minutes, 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** 18. Mike Austin recommended that the Contractor perform maintenance on their run-off protection since this is a snow-melt day. Mortenson will be addressing this after this construction meeting.
- MAM** 19. There is some field repair or replacement of the stringer for Stair No. 1. If Mortenson is proposing replacement of the stringer that is acceptable, however, if field correction is contemplated by the Contractor the Contractor needs to forward to the Architect the proposed engineered procedure for field correction and the controlled conditions upon which it will be done.
- MAM** 20. Attached to these meeting minutes is the Coordinate Campus Report from Dave Stringfield dated November 6, 2003. This list is to be viewed as a punch list and the Contractor is to submit it back to the Architect with items checked off, the date that the item was completed or if it was corrected also the date, who corrected it, and how it was corrected.

All Contractors 21. 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 22. The next construction meeting will be held Tuesday, November 18, 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

F:\01023 UMD Science Building\Administration\Construction\11-11-03CMM.doc

UMD Science Building Project #031007
3 Week Schedule

MORTENSON[®]		November					November					November										
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
Contractor Responsible	ACTIVITY	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	Area A																					
Com. Roof.	Install penthouse roof	x																				
Mortenson	Install louver blocking			x	x	x																
Com. Roof.	Install lower roof	x	x	x	x	x			x	x	x	x	x			x	x					
API	Install feeder line -penthouse	x	x	x	x	x			x	x	x	x	x									
Jamar-Tinners	Install AHU ductwork	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Jamar-Tinners	Install louvers								x	x	x	x	x			x	x	x	x	x		
Jamar- Fitters	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																
HKL	Install Windows	x	x	x	x	x			x	x	x	x	x									
Minute-Ogle	Frame elect. Rooms					x			x	x	x	x	x									
	Area B																					
Minute-Ogle	sheet soffit	x	x	x																		
Jamar-Tinners	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		
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		
	Area C																					
N. Erectors	Detail & deck pent.roof	x	x	x	x	x			x	x	x	x	x									
AGO	Install drains SOMD	x	x																			
API	Install elect. SOMD	x	x																			
N. Erectors	Install lintels	x	x	x	x	x			x	x	x	x	x									
Sowles	Install rebar & mesh	x	x																			
Mortenson	Place SOMD roof-pent.	x	x	x	p																	
Mortenson	Place equip. pads								x	x												
Jamar - Tinners	Set AHU										x	x	x									
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			x	x	x	x	x		
N. Erect.	Detail, & deck									x	x	x	x			x						
Ulland Bros.	Set manhole cover		x																			
Mortenson	Fine grade SOG		x	x	x	x																
Sowles	Install rebar, mesh.-SOG					x			x													
API	Install SOG electrical			x	x																	
Mortenson	Place SOG								x	p												

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

MORTENSON[®]		November						November						November								
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
Contractor Responsible	ACTIVITY	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	Area A																					

Submittal Log

Date: 11/11/03

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		
08460		Automatic Door Operators								
08460-SD-001	002	Automatic Door Operators Shops	SUB		11/5/03	11/5/03		ARCH	6	
09920		Interior Painting								
09920-SA-001	001	Interior/Exterior Painting Samples: Interior Painting Samples	SUB		8/1/03	8/4/03		ARCH	99	
14240		Elevators								
14240-SD-001	001	Elevator Shops	SUB		10/16/03	10/16/03		ARCH	26	
15280		Automatic Fire Sprinkler System								
15280-SD-001	001	Automatic Fire Sprinkler Shops/Calc	SUB		10/28/03	10/29/03		ARCH	13	
16122		Medium Voltage Cable								
16122-SA-001	002	Medium Voltage Cable Samples	SUB		11/5/03	11/5/03		ARCH	6	
16122-SD-001	002	Medium Voltage Cable Shops	SUB		11/5/03	11/5/03		ARCH	6	

Submittal's +21 Days: 2

Request for Information Log

Date: 11/11/03

Mortenson Job No: 031007

Page: 1 of 1

Issue	To	From	Number	Description	Status	Dated	Responded	Required	Days Held
15-105	ARCH	MORT	00279	LW Riser Location B/9	NEW	11/11/03		11/18/03	0

Open RFI's: 1

PCO Status Log

Date: 11/11/03

Mortenson Job No: 031007

Page: 1 of 2

Type	Number	Title	Issue	Engr	Status	Opened	Sent	Negotiated	Ref	Number
Negotiated, Pending Change Order										
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 Drantile 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	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		

21 Items

Unsubmitted

PCO	00050	PR32 Increase Penthouse Louver Size	10-007	BW	NEW	11/10/03			PR	00032
PCO	00051	ASI #17 columns at Grid C7 & C8	03-020	MP	NEW	11/10/03			ASI	00017
PCO	00053	CCD #002 - Failed Bearing Tests	02-012	MP	NEW	11/4/03	11/11/03		CCD	00002

3 Items

PCO Status Log

Mortenson Job No: 031007

Date: 11/11/03

Page: 2 of 2

Type	Number	Title	Issue	Engr	Status	Opened	Sent	Negotiated	Ref	Number
Pending Negotiation										
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	00021.1	PR #030 Add Elev Sump/Subsoil Drain	15-017	BW	OPN	11/10/03	11/10/03		PR	00030
PCO	00034	PR #034- Floor Drain Piping Confirm	15-063	BW	OPN	9/26/03	9/30/03		PR	00034
PCO	00040	ASI #014 - Braced Frame Connection	03-007	MP	OPN	9/29/03	11/4/03		ASI	00014
PCO	00044	PR#010 Add Doors to Chiller Room 31	03-008	MP	OPN	10/8/03	11/4/03		PR	00010
PCO	00052	PR #044- Gear/Pump Relocation	16-016	BW	OPN	11/10/03	11/10/03		PR	00044
PCO	00054	PR #035- Revisions to PR 28 (Rej)	15-074	BW	OPN	11/10/03	11/10/03		PR	00035.1
PCO	00055	PR #041- Fumehood FH122 Change	15-088	BW	OPN	11/6/03	11/6/03		PR	00041
PCO	00056	Additional Clean-out Per RFI #108	15-013	BW	OPN	11/10/03	11/10/03		CIC	00007
PCO	00057	PR #048- Eliminate Generator Enclos	16-026	BW	OPN	11/10/03	11/10/03		PR	00048
PCO	00058	PR #049- F/I Sink @ Rm 31 Casework	15-099	BW	OPN	11/10/03	11/10/03		PR	00049

12 Items**54 Total Items**

Open Notice Log

Sorted by Engineer

Date: 11/11/03

Mortenson Job No: 031007

Page: 1 of 1

Issue	Item	Number	Description	Engr	Status	Dated	Required	Approved	Ref Number	Cost
07-014	PR	00039	PR #039-- Roof/Expan/Scupper Change	BW	NEW	9/24/03	10/1/03			\$0
15-060	PR	00045.1	PR #045.1- Flash Tanks @ HPC	BW	NEW	11/7/03			PR 00045	\$0
09-007	PR	00047	PR #047- Misc. Door/Wall/Proj. Scrn	BW	NEW	10/23/03	10/30/03			\$0
15-102	PR	00052	PR #052-Revised Testing Req's 15340	BW	NEW	11/4/03				\$0
15-103	PR	00053	PR#053-Sinks/Casework/Power@Cold Rm	BW	NEW	11/6/03	11/13/03			\$0
5 Items									Subtotal:	\$0
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
02-031	PR	00054	PR #054- Insulation over New 12" UG	MP	NEW	11/6/03	11/13/03			\$0
6 Items									Subtotal:	\$0
11 Total Items									Total:	\$0

Brenda Abrahamson

From: Joy [jmichali@d.umn.edu]
Sent: Wednesday, November 12, 2003 4:08 PM
To: Brenda Abrahamson
Subject: Science Building Update - November 12, 2003

DATE: November 12, 2003

TO: UMD Campus Community

FROM: Greg Ewald, Project Manager

RE: James I. Swenson Science Building

During the week of November 17, 2003:

As winter conditions are approaching, excavation, foundation and grade wall work, below grade waterproofing, backfilling and drain tile work items are decreasing, although contractors will continue erosion and sediment control throughout project duration. Structural steel, decking, concrete slabs and penthouse roof in the research area are complete and nearing completion in the remaining areas of the facility. Window installation has begun in the research area. 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 system work has begun and will continue until the building envelope is complete. Site utilities and site work has decreased and will begin next spring and continue until completed. Tie-in at Life Science Facility is anticipated to begin next spring, and schematic design work for the Research Pond is continuing.

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>

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

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

Joy M
Facilities Management
Extension 8244
Have an awesome day!

**Field Report
No. 2**



Affiliated Engineers, Inc.
5802 Research Park Boulevard
Madison, WI 53719
Tel 608.238.2616 · Fax 608.238.2614

UMD – Swenson Science Building

Name of Project

01329-00

Project No.

Duluth, MN

Project Location, City, State

October 22, 2003

Date of Visit

Jeff Parker

Report By

1 of 2

jmp

Copies

Page

Typist

Time of Visit: 1:00 PM – 2:00 PM

Contacts: Bret Woodland Mortenson

General Comments:

- 1) The specifications referenced on this field report are from the electronic version and may differ from the hard copy version (page and line references).
- 2) All of the MEP's being installed at this time look to be in good quality.
- 3) This field report is not all-inclusive and does not relieve the contractors from the contract documents.

Field Report

No. 1
00830-00

Observations:

Item	Observations	Date Observed	Date Completed	Comments
1	The curb heights for the AHU's and the HRU's are not high enough to accommodate the condensate drains. Refer to job documentations. Specification 15730.2.2.B and 15735.2.3.B. Drawing M-504, detail #1.	11/06/03	09/30/03	09/30/03~During the owners meeting it was asked of me what could be done to resolve this issue. I informed the group of the following 2 ideas. 1) Raise the curb heights. 2) Cut the floors out. The foundation floor would be cut out. The upper floors would be cored drilled. The group decided to use option #2.
2	The fan guards in the AHU's need to be painted Yellow. Refer to job specifications, 15000.3.6.B.	09/30/03		
3	The HRU on building A, the wood shims between the house keeping pad and the HRU need to be removed.	09/30/03		
4	SF-8 and SF-9 located in chiller room (Rm. 31) have the filters installed downstream of fan. Filters should be located upstream of fan.	10/22/03		
5	Jamar's pipefitter was directed to install condenser (tower) water supply piping to suction side of pumps (P-5 and P-6) as low as possible (minimum 6'-0" clear below) to maximize suction head pressure on pumps.	10/22/03		
6	Cooling tower vibration isolators are to be removed. These were not required by the specs, are unnecessary since towers are not mounted on the building, and the way they are installed appears to excessively point load the tower structure.	10/22/03		

Prepared by: Jeff Parker
Mechanical Department
Office Phone 608-236-1234
E-mail jparker@aeieng.com

**Field Report
No. 3**



Affiliated Engineers, Inc.
5802 Research Park Boulevard
Madison, WI 53719
Tel 608.238.2616 · Fax 608.238.2614

UMD – Swenson Science Building

Name of Project

01329-00

Project No.

Duluth, MN

Project Location, City, State

November 6, 2003

Date of Visit

Laura Halverson

Report By

1 of 2

ljh

Copies

Page

Typist

Time of Visit: 11/06/03~1:30PM to 3:00PM

Weather Conditions: 15°F & Sunny

Contacts: Greg Ewald UMD
Bret Woodland Mortenson

General Comments:

- 1) The specifications referenced on this field report are from the electronic version and may differ from the hard copy version (page and line references).
- 2) All of the MEP's being installed at this time look to be in good quality.
- 3) This field report is not all-inclusive and does not relieve the contractors from the contract documents.

Field Report

No. 1
00830-00

Observations:

Item	Observations	Date Observed	Date Completed	Comments
1	The curb heights for the AHU's and the HRU's are not high enough to accommodate the condensate drains. Refer to job documentations. Specification 15730.2.2.B and 15735.2.3.B. Drawing M-504, detail #1.	09/30/03	09/30/03	09/30/03~During the owners meeting it was asked of me what could be done to resolve this issue. I informed the group of the following 2 ideas. 1) Raise the curb heights. 2) Cut the floors out. The foundation floor would be cut out. The upper floors would be cored drilled. The group decided to use option #2.
2	The fan guards in the AHU's need to be painted Yellow. Refer to job specifications, 15000.3.6.B.	09/30/03		
3	The HRU on building A, the wood shims between the house keeping pad and the HRU need to be removed.	09/30/03		
4	SF-8 and SF-9 located in chiller room (Rm. 31) have the filters installed downstream of fan. Filters should be located upstream of fan.	10/22/03		
5	Jamar's pipefitter was directed to install condenser (tower) water supply piping to suction side of pumps (P-5 and P-6) as low as possible (minimum 6'-0" clear below) to maximize suction head pressure on pumps.	10/22/03		
6	Cooling tower vibration isolators are to be removed. These were not required by the specs, are unnecessary since towers are not mounted on the building, and the way they are installed appears to excessively point load the tower structure.	10/22/03		
7	The ground floor toilet room has a vent pipe which is supported by strut from the waste pipe. Refer to Specification 15020 3.1E.	11/06/03		
8	All Sanitary piping shall be properly protected with end caps and stored above grade per section 15100 1.5A.	11/06/03		

Prepared by: Laura Halverson
Piping Department
Office Phone 608-236-1174
E-mail lhalverson@aeieng.com

COORDINATE CAMPUS COORDINATE CAMPUS REPORT

DATE: November 6, 2003

TO: Greg Ewald
Brian Morse – Stanius, 1831 East 8th St., Duluth, MN 55812-1396
Mike Pierson – Mortenson, 1035 Kirby Drive, Duluth, MN 55812

FROM: Dave Stringfield - University Fire Inspector *DES*
Phone (612)-626-9458 Fax (612)-625-666

SUBJECT: UMD Swenson Science 581-98-1221
Campus Inspection 11-05-03

An inspection of the project was conducted on November 5, 2003. The following items require attention. Underlined items are completed. Italics indicate new or revised comments.

1. *Submit sprinkler drawings for approval. The first submittal was not approved.*
2. *Connect the alarm, trouble and supervisory fire alarm conditions to an approved U.L. listed central station.*
3. *Submit fire alarm shop drawings for approval.*
4. *Complete the installation of the underground fire protection service. The following items are required:*
 - a. *Flush the service per NFPA.*
 - b. *Hydro-test the service at 200 psi for 2 hours.*
 - a. *Complete a NFPA underground pipe certificate.*