



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: **October 28, 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: Greg Ewald -UMD
Rick Stanius -STANIUS JOHNSON architects
Mike Pierson -M.A. Mortenson
Bret Woodland -M.A. Mortenson
Bob Braun -M.A. Mortenson
Harry Walsh

OBSERVATIONS AND DISCUSSIONS:

A construction meeting was held at 1:30 p.m. on Tuesday, October 28, 2003. There was a review of the previous construction meeting minutes dated October 21, 2003.

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 Mortenson stated that the project is on schedule.

There will be a review of the project schedule 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 10.1, 20, 32, 35, 39, 40, 41, 43, 44, 45, 46, 47 and 48.

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. There will be one section that will be removed, cut, and capped. The permanent line connection will be done in the spring. See attached email from Bret Woodland dated October 23, 2003.

Design Team recommends installation of 3" below grade rigid insulation, 4' wide, along the full length of the 12" waterline as an extra frost precaution. A proposal request will be issued.

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 high penthouse roof began this week, but is delayed due to weather. It will resume as soon as weather permits. After the penthouse roof is complete, roofing of the lower main roof is scheduled to start next week and continue through the following week. Installation of lower roof parapet blocking is proceeding and will be complete this week. Installation of air handling unit duct work will proceed through the next three weeks. Installation of heat lines will continue through this week and then pick back up the second week of November. Concrete floor polishing is substantially complete on the second level. Contractor will start polishing the first level the latter part of this week through next week. Installation of exterior windows has started and will continue. Framing of rated mechanical room walls will start the latter part of this week and continue through next week.

MAM

- Area B, detailing and decking of penthouse roof will continue this week through the end of next week. Framing of exterior walls on "A" line will continue through the end of this week and possibly into next week. Installation of air handling unit fans and ductwork will continue. Concrete block walls in Elevator No. 1 block shaft will start next week and continue through the following week. Installation of electrical distribution box and feeders is continuing this week through next week. Mechanical fitters will start installation of cooling piping next week.

- MAM**
- Area C, detailing and decking, second level and roof, will continue this week and next week. Installation of mechanical and electrical work for slab on metal deck should be complete this week. Installation of vent plate and lintels is continuing this week through next week. Installation of re-enforcing bar and mesh will continue this week and next week with slab on metal deck pour scheduled for Thursday of this week, as well as Tuesday and Thursday of next week. Framing of exterior walls will start the latter part of this week and will continue through the following week. Fitters will start installation of steam lines the week of November 10, 2003.
- MAM**
- Area D, laying of the concrete block for Stair No. 4 will continue through this week and next week. Excavation for sanitary sewer, Area D to manhole, will start the latter part of this week through the beginning of next week. Installation of sanitary sewer D to manhole by mechanical will take the same time frame. Erection of skyway steel scheduled for the duration of next week. Detailing and decking will continue this week through next week. Fine grade preparation for slab on grade is scheduled for the latter part of this week. Installation of re-enforcing bar and mesh for slab on grade will start the first part of next week with the pour scheduled for Wednesday of next week. Exterior excavation installation of slab on grade and duct bank will continue this week.
- MAM**
- Cooling Tower. No additional work for the next three weeks is scheduled for the Cooling Tower.
- MAM**
7. Architect questioned Contractor on a procedure for window installation prior to exterior wall completion. Windows are being installed first, which is Contractors prerogative. Contractor is aware that they need to pay particular attention to primary and secondary seal, as well as proper fit and finish of the exterior wall finishes to the windows.
- SJA**
8. Architect reminded the Contractor of the requirement for all slab on grade areas to be heated to 50-degrees in freezing conditions.
- Also, there is a requirement for cold weather masonry, and Architect will forward immediately to the Contractor the Masonry Institute's requirements.
- MAM**
9. Relative to item no. 7 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. 9 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.

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.
- 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. Brett indicated that he has received, reviewed and asked for re-submittal on the sprinkler shop drawings from the sub-contractor.
- 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. 10 of the previous meeting minutes, the Design Team is moving forward with the landscape design for the project.
- MAM** 12. Relative to item no. 11 of the previous meeting minutes, Architect has issued ASI No. 41 concerning the column splice conditions. MAM is to proceed with this work and notify Architect when it is complete. Mike indicated that the Contractor is making up the splices/shims at this time and installation will begin as soon as this is complete. After the work is done it needs to be inspected by GME.
- MAM** 13. 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. 13 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.
- Jeff Parker** 15. Relative to item no. 14 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** 16. With respect to item no. 15 of the previous meeting minutes concerning the temporary gas line, the Contractor indicated that the work is complete and all that needs to be done at this point is documentation of the test.
- MAM** 17. 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** 18. 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.

Darryl from Retro Plate is recommending a top coat sealer to be applied at the end of the initial grind for additional stain protection. Architect asked Darryl to forward this information and pricing immediately through Mortenson.
- John Rashid** 19. Relative to item no. 18 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** 20. Relative to item no. 19 of the previous meeting minutes concerning the Contractors propose re-use of an existing low pressure steam line for high pressure, this issue was discussed at the coordination meeting noted above with Jeff Parker. See attached email from Mr. Parker of October 24, 2003.

MAM 21. 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 22. 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 23. The next construction meeting will be held **Tuesday, November 4, 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

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UMD Science Building Project #031007
3 Week Schedule

MORTENSON[®]		October					October					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	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	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					
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		
Conc Restoration	Retroplate 2nd level	x																				
Conc Restoration	Retroplate 1st level				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									
	Area B																					
N. Erectors	Detail, & deck pent. Roof	x	x	x	x	x			x	x	x	x	x									
Minute-Ogle	Frame walls 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		
API	Inst. Dist. Box & feeder- ABC	x	x	x	x	x			x	x	x	x	x									
Jamar - Fitters	Install cooling								x	x	x	x	x									
	Area C																					
N. Erectors	Detail & deck 2nd lev. & 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 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	x	x									
Mortenson	Place SOMD			x	p				x	p	x	p										
Minute-Ogle	Frame ext. walls				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												
Ulland Bros.	Exc San.sewer, D to manhole					x			x	x												
AGO	Install San. Sewer, D to manh.					x			x	x												
N. Erect.	Erect skyway								x	x	x	x	x									
N. Erect.	Detail, & deck	x	x	x	x	x			x	x	x											
Mortenson	Fine grade SOG				x	x																
Sowles	Install rebar, mesh.-SOG								x	x												
Mortenson	Place SOG									x	p											
API	Exc.&install SOG&ductbank	x	x	x																		
	Cooling tower																					

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

MORTENSON[®]		October							October							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	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Area A																					

CIC Log

Sorted by Status

Issue	Item	Number	Description	Engr	Status	Dated	Required	Approved	Ref Number	Cost
01-004	CIC	00001	Add Sedimentation Basins	MP	CLO	5/21/03	5/28/03			\$0
02-009	CIC	00002	Building Drain Tile Aggregate	MP	CLO	6/5/03	6/5/03		COR 00005	\$0
02-012	CIC	00003	Failed Bearing Pressure A/1 and A/2	MP	CLO	6/16/03	6/23/03			\$0
02-010	CIC	00004	12" Water Main Offset	MP	CLO	6/16/03	6/18/03		COR 00007	\$0
03-017	CIC	00005	ASI #013 structural revisions	MP	CLO	6/18/03	6/25/03			\$0
15-011	CIC	00006	PR#022 Additional Sound Attenuators	BW	CLO	6/18/03	6/17/03		PR 00022	\$0
6 Items									Subtotal:	\$0
15-013	CIC	00007	Additional Clean-out Per RFI #108	BW	OUT	9/25/03	9/30/03		RFI 00108	\$1,500
1 Items									Subtotal:	\$1,500
15-005	CIC	00008	Change Wall Mount Exhaust Fans	BW	CLO	7/22/03	7/29/03		RFI 00076	\$0
15-059	CIC	00009	Jamar RFI #011 - Duct Size Clarify	BW	CLO	7/23/03			RFI 00127	\$0
15-023	CIC	00010	Jamar RFI #016 - Sink Clarification	BW	CLO	7/23/03			RFI 00133	\$2,275
15-020	CIC	00011	Jamar RFI #015 - Cleanout Clarify	BW	CLO	7/23/03			RFI 00130	\$645
4 Items									Subtotal:	\$2,920
05-092	CIC	00012	TS 2.5"x2.5" Decking Support	MP	OUT	7/23/03	7/18/03		RFI 00162	\$0
1 Items									Subtotal:	\$0
05-060	CIC	00013	No Lintel Between C, C.9 on Grid 18	MP	CLO	7/23/03	7/30/03		RFI 00059	\$0
1 Items									Subtotal:	\$0
14-001	CIC	00014	Elev Pit Dimensions Clarification	BW	DIS	8/12/03			RFI 00114	\$0
1 Items									Subtotal:	\$0
15-006	CIC	00015	Jamar RFI 006- Grille Types	BW	OUT	9/25/03	9/30/03		RFI 00095	\$1,100
02-021	CIC	00016	6" Water Hookup @ Tunnel	BW	OUT	9/25/03	9/30/03		RFI 00198	\$16,000
2 Items									Subtotal:	\$17,100
02-024	CIC	00017	ASI #035- Box Culvert Waterproofing	BW	CLO	9/26/03	9/30/03		ASI 00035	\$2,400
1 Items									Subtotal:	\$2,400
17 Total Items									Total:	\$23,920

Open Notice Log

Sorted by Engineer

Date: 10/28/03

Mortenson Job No: 031007

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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
6 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
3 Items									Subtotal:	\$0
9 Total Items									Total:	\$0

PCO Status Log

Date: 10/28/03

Mortenson Job No: 031007

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Type	Number	Title	Issue	Engr	Status	Opened	Sent	Negotiated	Ref	Number	Cost
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	\$1,262
PCO	00015.1	PR #024- Fiberock & Vapor Barrier	07-002	BW	APP	10/3/03	10/3/03	10/21/03	PR	00024	\$13,523
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	\$84,774
PCO	00028	Guardrail Detail Stair #3 & #4	05-094	MP	APP	8/11/03	9/30/03	10/21/03			\$3,490
PCO	00032	PR#014 Concrete Floor Finish	03-012	MP	APP	8/26/03	9/30/03	10/21/03	PR	00014	\$0
PCO	00033	Masonry Reinforcement Changes	04-008	MP	APP	8/28/03	8/28/03	10/21/03			\$2,238
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	\$2,549
PCO	00036	PR#012 Brick Ledge, Grade, Catch Ba	03-007	MP	APP	9/23/03	9/24/03	10/21/03	PR	00012	\$24,675
PCO	00037	PR #37 - Stone Veneer Alternates	04-003	DP	APP	9/25/03	10/2/03	10/21/03	PR	00037	(\$119,233)
PCO	00038	PR #038- Additional Area Drains	15-082	BW	APP	9/26/03	9/30/03	10/21/03	PR	00038	\$9,165
PCO	00039	PR #031 - Elev. Equipt. Rm Mech Rev	15-049	BW	APP	9/26/03	9/30/03	10/21/03	PR	00031	\$4,588
PCO	00041	PR#042 Grout Top Ext. Mason Wall	04-013	MP	APP	10/2/03	10/9/03	10/21/03	PR	00042	\$770
PCO	00043	High Voltage Change per UMD	16-018	BW	APP	10/8/03	10/9/03	10/21/03			\$12,075
PCO	00045	PR #036- Revolving Door Slab Change	03-029	MP	APP	10/8/03	10/9/03	10/21/03	PR	00036	\$0
PCO	00046	Defelct 12" Water Main	02-010	MP	APP	10/9/03	10/9/03	10/21/03	GOR	00007	\$3,702
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	\$1,223
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	\$0
PCO	00049	ASI#003 Placement of SOG Vapor Barr	03-004	MP	APP	10/9/03	10/9/03	10/21/03	ASI	00003	\$0
18 Items										Subtotal:	\$44,801
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	\$11,291
PCO	00003	PR#002 Change Alt. Casework to Wood	12-002	MP	CLO	5/29/03	5/29/03	6/24/03	PR	00002	\$12,247
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	(\$8,976)
PCO	00005	PR#013 Lab Vacuum Venting	15-009	BW	CLO	6/5/03	6/5/03	6/24/03	PR	00013	\$1,305
PCO	00006	PR#003 Delete Roof Anchors	11-001	DP	CLO	6/10/03	6/11/03	6/24/03	PR	00003	(\$7,518)
PCO	00007	PR#016 Revised Sanitary Line	02-007	MP	CLO	6/12/03	6/12/03	6/24/03	PR	00016	\$3,820
PCO	00008	PR#018 Revise Elect. Motor Schedule	16-001	BW	CLO	6/25/03	6/25/03	8/11/03	PR	00018	\$1,114
PCO	00011	PR#007 Housekeeping Custodial Rooms	15-007	BW	CLO	7/24/03	7/24/03	8/11/03	PR	00007	\$29,892
PCO	00012	PR#019 Elect. Resistance Load Bank	16-005	BW	CLO	7/30/03	7/30/03	9/8/03	PR	00019	\$22,310
PCO	00014	PR#011 Steam Traps	15-008	BW	CLO	7/22/03	7/23/03	8/11/03	PR	00011	\$12,366

PCO Status Log

Date: 10/28/03

Mortenson Job No: 031007

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Type	Number	Title	Issue	Engr	Status	Opened	Sent	Negotiated	Ref	Number	Cost
Fully Executed Change Order											
PCO	00015	PR #024.1 Fiberock and Vapor Barrie	07-002	BW	CLO	7/30/03	7/30/03	8/11/03	PR	00024	\$57,791
PCO	00016	PR #29 Add Sedimentation Basins	01-004	MP	CLO	8/5/03	8/5/03	8/11/03	PR	00029	\$3,210
PCO	00017	PR 23.1 Elec. Additions/Revisions	16-006	BW	CLO	7/30/03	7/30/03	9/8/03	PR	00023.1	\$14,403
PCO	00018	PR#021 Door Hardware/Doors Revision	08-009	BW	CLO	7/30/03	7/30/03	8/11/03	PR	00021	\$5,562
PCO	00022	PR #25 Building Drintile Aggregate	02-009	MP	CLO	8/5/03	8/7/03	8/11/03	PR	00025	\$5,767
PCO	00023	PR#017 Stair Sup. and Bridge Sect.	05-079	MP	CLO	8/19/03	8/19/03	9/8/03	PR	00017	\$11,341
PCO	00026	Jamar RFI #016 - Sink Clarification	15-023	BW	CLO	8/15/03	8/19/03	8/11/03	RFI	00133	\$2,275
PCO	00027	Jamar RFI #015 - Cleanout Clarify	15-020	BW	CLO	8/15/03	8/19/03	8/11/03	RFI	00130	\$645
PCO	00029	Jamar RFI #011 - Duct Size Clarify	15-059	BW	CLO	8/15/03	8/19/03	8/11/03	RFI	00127	\$814
PCO	00030	Additional Sodding	02-022	MP	CLO	8/26/03	9/2/03	9/8/03			\$20,505
PCO	00031	Jamar RFI #003 - Verify EF-8, EF-9	15-005	BW	CLO	8/26/03	8/26/03	8/11/03			\$1,695
21 Items										Subtotal:	\$201,859
Unsubmitted											
PCO	00040	ASI #014 - Braced Frame Connection	03-007	MP	NEW	9/29/03			ASI	00014	\$3,433
PCO	00042	Re-detail and Revise Area Wells	03-030		NEW	10/7/03			OR	00005	\$1,136
PCO	00044	PR#010 Add Doors to Chiller Room 31	03-008	MP	NEW	10/8/03			PR	00010	\$12,847
PCO	00050	PR32 Increase Penthouse Louver Size	10-007	BW	NEW	10/9/03			PR	00032	\$615
PCO	00051	ASI #17 columns at Grid C7 & C8	03-020	MP	NEW	10/9/03			ASI	00017	\$1,216
5 Items										Subtotal:	\$19,247
Pending Negotiation											
PCO	00013	ASI #011 elevator waterproofing	07-003	BW	OPN	7/22/03	7/23/03		ASI	00011	\$0
PCO	00020	PR#020 Revise Door Types	08-008	BW	OPN	8/5/03	8/5/03		PR	00020	\$17,116
PCO	00021	PR #030 Add Elev Sump/Subsoil Drain	15-017	BW	OPN	8/14/03	8/14/03		PR	00030	\$8,555
PCO	00034	PR #034- Floor Drain Piping Confirm	15-063	BW	OPN	9/26/03	9/30/03		PR	00034	\$17,622
4 Items										Subtotal:	\$43,293
Owner Rejected Changes											
PCO	00001	PR#001 Revise Control Systems	15-001	BW	REJ	3/18/03	3/25/03		EST	R0001	\$0
PCO	00009	PR#022 Additional Sound Attenuators	15-011	BW	REJ	6/25/03	6/25/03		PR	00022	\$81,031
PCO	00010	PR#006 Area Well Grating & Support	05-016	MP	REJ	7/9/03	7/9/03		PR	00006	\$1,968
PCO	00019	PR#27 Addition of a 2nd Chiller Uni	15-014	BW	REJ	7/30/03	7/30/03		PR	00027	\$105,008
PCO	00024	PR #028 - Penthouse HVAC Mods.	15-033	BW	REJ	8/5/03	8/5/03		PR	00028	\$74,470

PCO Status Log

Date: 10/28/03

Mortenson Job No: 031007

Page: 3 of 3

Type	Number	Title	Issue	Engr	Status	Opened	Sent	Negotiated	Ref	Number	Cost	
Owner Rejected Changes												
PCO	00025	PR #15.1 revised box culvert 7'x6'	02-006	MP	REJ	8/6/03	8/13/03		PR	00015.1	\$66,259	
										6 Items	Subtotal:	\$328,736
										54 Total Items	Total:	\$637,936

Request for Information Log

Date: 10/28/03

Mortenson Job No: 031007

Page: 1 of 1

Issue	To	From	Number	Description	Status	Dated	Responded	Required	Days Held
15-095	ARCH	MORT	00266	Scale for Sheets P-003 thru P-005	NEW	10/14/03		10/21/03	14
16-022	ARCH	MORT	00269	Generator Housekeeping Pad	NEW	10/17/03		10/24/03	11
07-019	ARCH	MORT	00272	Skyway Roof Expan. Joint C5/A405	NEW	10/24/03		10/31/03	4

Open RFI's: 3

Submittal Log

Date: 10/28/03

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		
06410 Laboratory Custom Wood Casework										
06410-SA-001	001	lab casework wood sample: lab casework sample	SUB		10/15/03	10/17/03			ARCH	11
08211 Flush Wood Doors										
08211-SA-002	001	Flush Wood Doors Samples	SUB		10/13/03	10/16/03			ARCH	12
09920 Interior Painting										
09920-SA-001	001	Interior/Exterior Painting Samples: Interior Painting Samples	SUB		8/1/03	8/4/03			ARCH	85
10705 Sun Screens										
10705-MU-001	001	Sunscreen Mockup	SUB		9/25/03	10/7/03			ARCH	21
14240 Elevators										
14240-SD-001	001	Elevator Shops	SUB		10/16/03	10/16/03			ARCH	12
15510 Pipe and Pipe Fittings										
15510-PS-007	001	Condenser Water/Glycol Water	SUB		10/13/03	10/16/03			ARCH	12
15510-PS-001	002	Heating Hot Water Pipe Specs	SUB		10/13/03	10/16/03			ARCH	12
15510-PS-006	001	High Press. Steam/Cond. 76-200 PSIG	SUB		10/13/03	10/16/03			ARCH	12
15510-PS-005	001	High Pressure Steam/Cond 16-75 PSIG	SUB		10/13/03	10/16/03			ARCH	12
15510-PS-004	001	Low-Pressure Steam/Cond. 0-15 PSIG: Low-Pressure Steam/C	SUB		10/13/03	10/16/03			ARCH	12
15510-PS-009	001	Raw Water Make-Up	SUB		10/13/03	10/16/03			ARCH	12
15510-PS-008	001	Steam Condensate Pump Discharge	SUB		10/13/03	10/16/03			ARCH	12
16620 Standby Electrical System										
16620-PS-001	001	Standby Electrical System Load Bank	SUB		10/7/03	10/9/03			ARCH	19

Submittal's +21 Days: 2

Brenda Abrahamson

From: Bret.Woodland@mortenson.com
Sent: Wednesday, October 29, 2003 2:13 PM
To: Brenda Abrahamson
Subject: 12 inch line

As requested!!

----- Forwarded by Bret Woodland/Mortenson on 10/29/2003 02:12 PM -----

Bret Woodland
10/23/2003 01:32 PM

To: "Brian Morse" <brian.morse@staniusjohnson.com>
cc: <dan.pennington@mortenson.com>, <gewald@d.umn.edu>, "Rick Stanius" <rick.stanius@staniusjohnson.com>, "Chris Rousseau" <Crousseau@msa-ps.com>, "Erik J. Larson" <elarson@d.umn.edu>, shanson@ci.duluth.mn.us

Subject: 12 inch line (Document link: Bret Woodland)

All--

Here is the verdict on the lines in question, per a site meeting with Greg Ewald at 12:45pm today:

The City's existing 12" line will be untouched until next Spring, therefore fully functional for this winter. The new 8" and 6" lines will clear the existing 12" line over the top. Per a phone conversation with Steve Hanson of the City this morning, the 8" and 6" lines only need to clear the existing 12" line by 2" (rather than the usual 6") since the line will be abandoned next spring. 2" foam insulation will be placed between the existing line and the new lines for expansion control, with compacted rock placed around this area. When the existing line is removed next year, the section of pipe directly under the 6" and 8" will remain in place and be capped.

After the lines pass over the top of the 12" line, they will transition down under the 15" existing line to design elevation, with T.O.P. 9'-0" to 9'-6" below grade. Per Steve Hanson of the City, the new 12" line needs to have T.O.P. at least 7'-0" below finish grade. With the 12" line and 6" gap, this line can be installed at least 7'-6" to 8'-0" below grade.

I will be taking record pictures of this work as it is performed.

I hope this relieves everyone's apprehension regarding the work in this area. Please feel free to call if you have any questions.

Thanks, Bret

cc: CI 02-029

Brenda Abrahamson

From: UMD Facilities Management [facmgt@d.umn.edu]
Sent: Thursday, October 23, 2003 3:53 PM
To: umd.business.announce@d.umn.edu; Brenda Abrahamson;
facilities_management@d.umn.edu
Subject: Swenson Science Building Update - October 23, 2003

DATE: October 23, 2003

TO: UMD Campus Community

FROM: Greg Ewald, Project Manager

RE: James I. Swenson Science Building

During the week of October 27, 2003:

The October 16th "Topping Off Ceremony" was a great success. Thanks to all who attended.

Contractors will continue erosion and sediment control, excavation, foundation and grade wall work, site utilities, below grade waterproofing, backfilling and drain tile. Structural steel, decking, and concrete slabs will continue in all project areas including the cooling tower and tie-in area at Life Science Building. The cooling tower has been installed, the building "envelope" is nearing completion, and underground utility work across Kirby Drive is underway. Work is continuing in the Kirby Tunnel. Interior mechanical and electrical work has begun and will continue throughout the project duration. Mechanical utility equipment installation is continuing. 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>

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

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

Brenda Abrahamson

From: Jeff Parker [jparker@aeieng.com]
Sent: Wednesday, October 29, 2003 4:47 PM
To: Brenda Abrahamson
Subject: Fwd: UMD Science Building - Steam Pipe Upgrade from LowPressure to High Pressure

Brenda,
I think this is what you're looking for.

Jeff Parker, P.E.
Affiliated Engineers, Inc.
jparker@aeieng.com

Phone: 608-236-1234
Fax: 608-238-2614

>>> Jeff Parker 10/24/03 08:41AM >>>
Rick,

Regarding item 19 from October 21, 2003 Construction Meeting, this was discussed briefly during my site visit on 10/22. It is our position that the steam line may be reused if the Contractor complies with all of the requirements of the High Pressure Piping Inspector of the State of Minnesota (Harry Walsh). As I understand, these requirements include, but are not limited to:

1. Provide documentation from the original installation confirming the piping was welded by certified welding operators, using the appropriate welding procedure, and appropriate materials (no type F pipe allowed).
2. Inspection of exterior of pipe to confirm there has been no detrimental corrosion.
3. Hydrostatic testing of the pipe to the pressure prescribed by the High Pressure Piping Inspector.
4. Verification of current pipe expansion compensation, or additional measures as necessary.

All of these requirements will be borne by the Contractor, and a suitable credit will be offered to the University.

Please let me know if you need any further response from me.

Jeff Parker, P.E.
Affiliated Engineers, Inc.
jparker@aeieng.com

Phone: 608-236-1234
Fax: 608-238-2614

10/30/2003

Brenda Abrahamson

From: UMD Facilities Management [facmgt@d.umn.edu]
Sent: Thursday, October 30, 2003 8:53 AM
To: umd.business.announce@d.umn.edu; Brenda Abrahamson;
facilities_management@d.umn.edu
Subject: Swenson Science Building Update - October 30, 2003

DATE: October 23, 2003

TO: UMD Campus Community

FROM: Greg Ewald, Project Manager

RE: James I. Swenson Science Building

During the week of November 3, 2003:

Contractors will continue erosion and sediment control with excavation, foundation and grade wall work, below grade waterproofing, backfilling and drain tile nearing completion. Structural steel, decking, and concrete slabs in the research area are complete and nearing completion in the remaining areas of the facility. Underground utility work crossing Kirby Drive has been completed with the exception of the water main and site utilities of which will be completed next summer. Work will continue in the Kirby Tunnel and Marshall W. Alworth Hall 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.

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