



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 7, 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
Rick Stanius -STANIUS JOHNSON architects
Dan Pennington -M.A. Mortenson
Mike Pierson -M.A. Mortenson
Bob Braun -M.A. Mortenson
Bret Woodland -M.A. Mortenson

OBSERVATIONS AND DISCUSSIONS:

A construction meeting was held at 1:30 p.m. on Tuesday, October 7, 2003. There was a review of the previous construction meeting minutes dated September 30, 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, as of this date, is very close to being 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, 20, 32, 35, 36, 39, 40, and 41. **Contractor is to respond to these proposal requests as soon as possible.**

4. Disruption avoidance issues:

MAM

- Contractor expects to start working on the 12" waterline mid-October.

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.

MAM

- Area A, exterior steel stud framing and sheathing is proceeding. Also, some interior steel stud framing has begun on the lower level. Framing of the penthouse walls is proceeding. Upper parapet blocking will start mid-week and go through mid-next week. Roofing sub-contractor will start the built up roofing beginning on the penthouse roof the latter part of this week. Lower roof parapet blocking will begin mid-next week and extend through the following week. Roofing contractor will begin roofing work the end of next week. Installation of air-handling unit ductwork is continuing and will proceed through the next three weeks. Rough-in electrical is continuing and will proceed through the next three weeks. Installation of pipe hangers will proceed through the end of this week with the hanging of the piping starting next week and continuing through the following week. Concrete floor polishing is due to start on the first level the first part of the week of October 21, 2003.

MAM

- Area B, structural steel detailing and metal roof deck installation will continue through this week and next week. Framing of exterior walls "c" line has begun this week and should be complete the end of this week along "c" line. Installation of air handling fans and ductwork will continue throughout the next three weeks. Concrete block walls and elevator shaft No. 1 will begin next week and continue through the following week. Concrete floor polishing will begin, first level, this week and continue through mid-next week and will move to the second level and begin next week and end the third week of October. Installation of rain water leaders is continuing and will extend through next week. Mortenson is also continuing to pour equipment pads.

MAM

- Area C, setting of structural steel will begin mid-week and be complete the end of this week. The setting of trusses will begin the first part of next week and be complete the middle of next week with structural steel detailing and decking to

begin next week and continue through the first part of the third week of October. Installation of mechanical and electrical for slab on metal deck will start next week and continue through the third week of October. Placement of slab on metal deck is due the latter part of next week for one pour and the first part of the third week of October for the second pour

- MAM**
- Area D, backfilling of the foundation is proceeding. Laying of foundation block and stoop foundation block is proceeding. Installation of underground plumbing is proceeding and will continue through mid- next week. Setting of structural steel will begin the latter part of this week and continue into the first part of next week. Structural steel detailing and deck will start next week and continue through the third week of October. Placement of slab on grade is scheduled for mid-next week. Excavation and installation of electrical duct bank will start mid this week and continue through the latter part of next week.

- MAM**
- Cooling Tower, setting of the cooling tower is scheduled for the middle of next week.

- GME, MAM**
7. Relative to item no. 8 of the previous meeting minutes, architect stated that he has contacted GME and instructed GME to document all cases where over excavation for footings are required to achieve the designed soil bearing pressure. This report needs to be location specific and give quantities of additional excavation out, additional backfill in, and additional cubic yards for concrete mud slab, and additional cubic yards of concrete footings. These will be reviewed and concurrence needs to be reached between GME and Mortenson.

Bret stated that he has forwarded Mortensons calculations to GME for their review and concurrence.

- MAM, MBJ**
8. Relative to item no. 9 of the previous meeting minutes concerning the loads for the helical stair, Structural Engineer has been requesting further information from the Design Engineer. The submittal of shop drawings and loads have been reviewed by Meyer Borgman & Johnson. They still have not been provided with some of the necessary information that they have requested which includes, but is not limited to, the loads as they affect the building that the stairs attach to. Paul, to expedite, will call and talk directly with I&S Engineering and Architects of Mankato to get a better handle on the calculations as they stand.

9. 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.

- 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.
 - Sun screens. RBJ is expecting samples for alternative screen material which they expect in their office tomorrow. After the screen material has been selected Contractor is working through Ruskin to provide an alternative proposal for single source procurement. Also anodized finish is preferred.

- Design Team** 10. Relative to item no. 11 of the previous meeting minutes, the Design Team is moving forward with the landscape design for the project.
- MAM** 11. Relative to item no. 13 of the previous meeting minutes, discussion was held concerning the use of taconite for exterior wall building product. Questioned by the architect the contractor stated that the mason was planning on doing this work through the winter months. If it is delayed until next spring there will need to be addressed a wage increase impact to the project. Decision must be made, and product onsite, as soon as possible.
- Dan stated that Mortensons position on this issue is they will refuse to install taconite product on this project. Their position is that there is too much of a liability issue for the general contractor to be exposed to. This issue is being addressed in-house between the Administration and Design Team.
- Contractor forwarded to Architect today revised pricing for slate vs granite, as well as revised schedule for the three building products, taconite, granite, and slate, and also alternate suppliers for these products.
- GME, MBJ** 12. Relative to item no. 14 of the previous meeting minutes, GME has inventoried the column connections and this information is being forwarded to the Design Team for review and possible remedial work at the column connections.
- MAM, AEI** 13. Relative to item no. 15 of the previous meeting minutes, Bart indicated that there is a Contract Document requirement for a clear dimension from the air handling units to the base to allow for proper connection of the drip pan and clean-out piping. This impacts four air handling units and two recovery units. It was tentatively decided that in order to provide the proper pipe spacing that the units penthouse will have the slab core drilled to allow for the installation of piping and clean-out penetrating through the floor and exposed above the ceiling in the floor below. The units slab on grade will need to have the concrete cut out and a new concrete pocket provided so that the same piping connection can be provided. Bret will be forwarding his field memorandum and recommendation on this issue.
- Greg Ewald, by phone conversation with Architect prior to this meeting, expressed the concern to be sure that the area of these drip legs is free below so that they are serviceable.
- MAM, SJA** 14. Relative to item no. 16 of the previous meeting minutes with respect to the revised electrical main entrance load vs. the line side, John Rashid authorized this work to proceed and be incorporated into the next change order.
- MAM** 15. Relative to item no. 18 of the previous meeting minutes, a letter has been issued from Architects Elevator Consultant to Otis Elevator underscoring Dave Mueller's concern with respect to specific specification requirements, including Adams fixtures, Virginia controls, and relay logic.
- Bret indicated that he is still awaiting shop drawings for Elevator No. 1. He is asking for those to be submitted and a complete re-submittal of Elevator No. 2 to be sure that there aren't any more issues.
- MAM** 16. Relative to item no. 19 of the previous meeting minutes concerning flashing high pressure condensate into low pressure steam lines, Contractor is still working to secure the permit for the steam. Mr. Rashid concern is to be sure that the design meets MN Code. Bret thought that the steam permit had been applied for because the State is reviewing the design at this time.
- MAM** 17. Relative to item no. 20 of the previous meeting minutes with respect to source of temporary natural gas, Greg Ewald after last construction meeting reviewed this with the Contractor. Contractor intends to use natural gas for temporary heat. This is a time sensitive item since temporary heat will be needed in the near future for slab on metal deck.

- MAM** 18. Relative to item no. 21 of the previous meeting minutes, Architect is still awaiting contractor's return of the Substantial Completion Inspection of the Tunnel.
- MAM** 19. 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. This will be considered as equal to the specification section for concrete cure and seal.
20. There will be a "topping off ceremony" tentatively scheduled for next Thursday afternoon.
- 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, October 14, 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

| MORTENSON[®] | | October | | | | | October | | | | | October | | | | | | | | | | |
|-------------------------------|-----------------------------|---------|---|---|---|----|---------|----|----|----|----|---------|----|----|----|----|----|----|----|----|----|----|
| | | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| Contractor Responsible | ACTIVITY | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| | Area A | | | | | | | | | | | | | | | | | | | | | |
| Minute-Ogle | Frame penthouse walls | x | x | x | x | | | | | | | | | | | | | | | | | |
| Mortenson | Upper parapet blocking | | | x | x | x | | | x | x | | | | | | | | | | | | |
| Com. Roof. | Install penthouse roof | | | | x | x | | | x | x | x | x | | | | | | | | | | |
| Mortenson | Lower parapet blocking | | | | | | | | | x | x | x | | | | x | x | | | | | |
| Com. Roof. | Install lower roof | | | | | | | | | | | 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 | | |
| API | Rough-in conduit | x | x | x | x | x | | | x | x | x | x | x | | | x | x | x | x | x | | |
| Jamar | Install pipe hangers | x | x | x | x | x | | | | | | | | | | | | | | | | |
| Jamar | Hang pipe | | | | | | | | x | x | x | x | x | | | x | x | x | x | x | | |
| Conc Restoration | Polish flrs.-1st level | | | | | | | | | | | | | | | | 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 C-line | 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 | | |
| Conc.Restoration | Polish flrs.-1st level | | x | x | x | x | | | x | | | | | | | | | | | | | |
| Conc.Restoration | Polish flrs.-2nd level | | | | | | | | | x | x | x | x | | | x | | | | | | |
| AGO | Install rainwater leaders | x | x | x | x | x | | | x | x | x | | | | | | | | | | | |
| Mortenson | Pour equip. pads | | x | x | | | | | | x | | | | | | | | | | | | |
| | Area C | | | | | | | | | | | | | | | | | | | | | |
| N. Erectors | Set str. Stl. | | | x | x | x | | | | | | | | | | | | | | | | |
| N. Erectors | Set trusses | | | | | | | | x | x | x | | | | | | | | | | | |
| N. Erectors | Detail, & deck | | | | | x | | | x | x | x | x | x | | | x | x | | | | | |
| AGO | Install drains SOMD | | | | | | | | | x | x | | | | | x | x | | | | | |
| API | Install elect. SOMD | | | | | | | | | x | x | | | | | x | x | | | | | |
| Mortenson | Place SOMD | | | | | | | | | | x | p | | | | | x | p | | | | |
| | Area D | | | | | | | | | | | | | | | | | | | | | |
| Ulland Bros. | Backfill | x | x | | | | | | | | | | | | | | | | | | | |
| Harbor City | Lay found.block,& stoop | | x | x | | | | | | | | | | | | | | | | | | |
| AGO | Inst.Under gr. Plumbing C-D | | x | x | x | x | | | x | x | | | | | | | | | | | | |
| N. Erect. | Set str. Stl. | | | | x | x | | | x | | | | | | | | | | | | | |
| N. Erect. | Detail, & deck | | | | | | | | x | x | x | x | x | | | x | x | x | | | | |
| Mortenson | Place SOG | | | | | | | | | | | | | | | x | x | | | | | |
| API | Exc.& install ductbank | | | x | x | x | | | x | x | x | x | x | | | | | | | | | |
| | Cooling tower | | | | | | | | | | | | | | | | | | | | | |
| Jamar | Set cooling tower | | | | | | | | | | x | x | | | | | | | | | | |

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

| MORTENSON[®] | | October | | | | | | | October | | | | | | | October | | | | | | |
|-------------------------------|-----------------|---------|---|---|---|----|----|----|---------|----|----|----|----|----|----|---------|----|----|----|----|----|----|
| | | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| Contractor Responsible | ACTIVITY | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| | 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 |
| 2 Items | | | | | | | | | Subtotal: | \$0 |
| 02-012 | CIC | 00003 | Failed Bearing Pressure A/1 and A/2 | MP | OUT | 6/16/03 | 6/23/03 | | | \$0 |
| 02-010 | CIC | 00004 | 12" Water Main Offset | MP | OUT | 6/16/03 | 6/18/03 | | COR 00007 | \$0 |
| 03-017 | CIC | 00005 | ASI #013 structural revisions | MP | OUT | 6/18/03 | 6/25/03 | | | \$0 |
| 3 Items | | | | | | | | | Subtotal: | \$0 |
| 15-011 | CIC | 00006 | PR#022 Additional Sound Attenuators | BW | CLO | 6/18/03 | 6/17/03 | | PR 00022 | \$0 |
| 1 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 |
| 05-060 | CIC | 00013 | No Lintel Between C, C.9 on Grid 18 | MP | OUT | 7/23/03 | 7/30/03 | | RFI 00059 | \$0 |
| 2 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 |
| 02-024 | CIC | 00017 | ASI #035- Box Culvert Waterproofing | BW | OUT | 9/26/03 | 9/30/03 | | ASI 00035 | \$2,400 |
| 3 Items | | | | | | | | | Subtotal: | \$19,500 |
| 17 Total Items | | | | | | | | | Total: | \$23,920 |

Open Notice Log

Sorted by Engineer

Date: 10/7/03

Mortenson Job No: 031007

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| Issue | Item | Number | Description | Engr | Status | Dated | Required | Approved | Ref Number | Cost |
|----------------------|------|---------|-------------------------------------|------|--------|---------|----------|----------|------------------|------------|
| 10-007 | PR | 00032 | PR32 Increase Penthouse Louver Size | BW | NEW | 7/21/03 | 7/28/03 | | PR 00032 | \$0 |
| 15-074 | PR | 00035 | PR #035- Revisions to PR 28 (Rej) | BW | NEW | 9/9/03 | 9/16/03 | | | \$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 |
| 4 Items | | | | | | | | | Subtotal: | \$0 |
| 03-008 | PR | 00010.1 | PR#010.1 Add Doors to Chill Room 31 | MP | NEW | 9/11/03 | 9/18/03 | | | \$0 |
| 03-029 | PR | 00036 | PR #036- Revolving Door Slab Change | MP | NEW | 9/9/03 | 9/16/03 | | | \$0 |
| 05-149 | PR | 00040 | PR#040 Handrail and Guardrail Chang | MP | NEW | 9/23/03 | 9/30/03 | | | \$0 |
| 3 Items | | | | | | | | | Subtotal: | \$0 |
| 7 Total Items | | | | | | | | | Total: | \$0 |

PCO Status Log

Date: 10/7/03

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 | 00012 | PR#019 Elect. Resistance Load Bank | 16-005 | BW | APP | 7/30/03 | 7/30/03 | 9/8/03 | PR | 00019 | \$22,310 |
| PCO | 00017 | PR 23.1 Elec. Additions/Revisions | 16-006 | BW | APP | 7/30/03 | 7/30/03 | 9/8/03 | PR | 00023.1 | \$14,403 |
| PCO | 00023 | PR#017 Stair Sup. and Bridge Sect. | 05-079 | MP | APP | 8/19/03 | 8/19/03 | 9/8/03 | PR | 00017 | \$11,341 |
| PCO | 00030 | Additional Sodding | 02-022 | MP | APP | 8/26/03 | 9/2/03 | 9/8/03 | | | \$20,505 |
| 4 Items | | | | | | | | | | Subtotal: | \$68,559 |
| 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 | 00014 | PR#011 Steam Traps | 15-008 | BW | CLO | 7/22/03 | 7/23/03 | 8/11/03 | PR | 00011 | \$12,366 |
| 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 | 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 Draintile Aggregate | 02-009 | MP | CLO | 8/5/03 | 8/7/03 | 8/11/03 | PR | 00025 | \$5,767 |
| 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 | 00031 | Jamar RFI #003 - Verify EF-8, EF-9 | 15-005 | BW | CLO | 8/26/03 | 8/26/03 | 8/11/03 | | | \$1,695 |
| 17 Items | | | | | | | | | | Subtotal: | \$133,300 |
| Unsubmitted | | | | | | | | | | | |
| PCO | 00040 | ASI #014 - Braced Frame Connection | 03-007 | MP | NEW | 9/29/03 | | | ASI | 00014 | \$3,348 |
| 1 Items | | | | | | | | | | Subtotal: | \$3,348 |
| Pending Negotiation | | | | | | | | | | | |
| PCO | 00010.1 | PR#006.1 Metal Grating Area Wells | 05-016 | MP | OPN | 9/26/03 | 9/30/03 | | PR | 00006.1 | \$1,262 |
| PCO | 00013 | ASI #011 elevator waterproofing | 07-003 | BW | OPN | 7/22/03 | 7/23/03 | | ASI | 00011 | \$0 |
| PCO | 00015.1 | PR #024- Fiberock & Vapor Barrier | 07-002 | BW | OPN | 10/3/03 | 10/3/03 | | PR | 00024 | \$13,523 |

PCO Status Log

Date: 10/7/03

Mortenson Job No: 031007

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| Type | Number | Title | Issue | Engr | Status | Opened | Sent | Negotiated | Ref | Number | Cost |
|-------------------------------|---------|-------------------------------------|--------|------|--------|---------|---------|------------|------------------|-------------------|-------------|
| Pending Negotiation | | | | | | | | | | | |
| PCO | 00019.1 | PR#27.1 Addition of a 2nd Chiller | 15-014 | BW | OPN | 9/23/03 | 9/30/03 | | PR | 00027.1 | \$84,774 |
| 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 | 00028 | Guardrail Detail Stair #3 & #4 | 05-094 | MP | OPN | 8/11/03 | 9/30/03 | | | | \$3,490 |
| PCO | 00032 | PR#014 Concrete Floor Finish | 03-012 | MP | OPN | 8/26/03 | 9/30/03 | | PR | 00014 | \$0 |
| PCO | 00033 | Masonry Reinforcement Changes | 04-008 | MP | OPN | 8/28/03 | 8/28/03 | | | | \$2,238 |
| PCO | 00034 | PR #034- Floor Drain Piping Confirm | 15-063 | BW | OPN | 9/26/03 | 9/30/03 | | PR | 00034 | \$17,622 |
| PCO | 00035 | PR#33, 33.1- Site Lighting Revision | 16-014 | BW | OPN | 9/23/03 | 9/30/03 | | PR | 00033.1 | \$2,549 |
| PCO | 00036 | PR#012 Brick Ledge, Grade, Catch Ba | 03-007 | MP | OPN | 9/23/03 | 9/24/03 | | PR | 00012 | \$26,442 |
| PCO | 00037 | PR #37 - Stone Veneer Alternates | 04-003 | DP | OPN | 9/25/03 | 10/2/03 | | PR | 00037 | (\$210,909) |
| PCO | 00038 | PR #038- Additional Area Drains | 15-082 | BW | OPN | 9/26/03 | 9/30/03 | | PR | 00038 | \$9,165 |
| PCO | 00039 | PR #031 - Elev. Equipt. Rm Mech Rev | 15-049 | BW | OPN | 9/26/03 | 9/30/03 | | PR | 00031 | \$4,588 |
| PCO | 00041 | PR#042 Grout Top Ext. Mason Wall | 04-013 | MP | OPN | 10/2/03 | 10/9/03 | | PR | 00042 | \$770 |
| 16 Items | | | | | | | | | Subtotal: | (\$18,815) | |
| 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 | 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 | |
| 44 Total Items | | | | | | | | | Total: | \$515,128 | |

Request for Information Log

Date: 10/7/03

Mortenson Job No: 031007

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| Issue | To | From | Number | Description | Status | Dated | Responded | Required | Days Held |
|--------|------|------|--------|----------------------------------|--------|---------|-----------|----------|-----------|
| 16-017 | ARCH | MORT | 00259 | Proposed Door Relocation, Rm. 5A | NEW | 10/3/03 | | 10/10/03 | 4 |

Open RFI's: 1

Submittal Log

Date: 10/7/03

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 | | |
| 05500 | | Metal Fabrications | | | | | | | | |
| 05500-SD-004 | 001 | Reliev. Ang., Clos. Pl., Sky Rail | SUB | | 9/25/03 | 10/1/03 | | | ARCH | 6 |
| 05716 | | Fabricated Helical Stairs | | | | | | | | |
| 05716-SD-001 | 001 | Helical Stairs Shops & Design Calcs: Drawings A1-A7, Calcs | SUB | | 9/26/03 | 10/1/03 | | | ARCH | 6 |
| 06410 | | Laboratory Custom Wood Casework | | | | | | | | |
| 06410-SD-001 | 002 | Casework Shops Cabinet "A": Revised Cabinet "A" Shops | SUB | | 10/1/03 | 10/1/03 | | | ARCH | 6 |
| * 06410-MU-001 | 002 | Lab casework mock-up: Lab Casework Mock-up Revised | SUB | | 10/1/03 | 10/1/03 | | | ARCH | 6 |
| 06410-PS-001 | 001 | Manuf. Cert. and Additional Specs | SUB | | 10/1/03 | 10/1/03 | | | ARCH | 6 |
| 07721 | | Roof Hatches | | | | | | | | |
| 07721-PS-001 | 001 | Roof Hatches Specs | SUB | | 10/3/03 | 10/7/03 | | | ARCH | 0 |
| 09920 | | Interior Painting | | | | | | | | |
| 09920-SA-001 | 001 | Interior/Exterior Painting Samples: Interior Painting Samples | SUB | | 8/1/03 | 8/4/03 | | | ARCH | 64 |
| 10705 | | Sun Screens | | | | | | | | |
| 10705-MU-001 | 001 | Sunscreen Mockup | SUB | | 9/25/03 | 10/7/03 | | | ARCH | 0 |
| 15020 | | Mechanical Supporting Devices | | | | | | | | |
| 15020-SD-001 | 001 | Mechanical Supporting Devices | SUB | | 9/23/03 | 9/24/03 | | | ARCH | 13 |

Submittal's +21 Days: 1

Brenda Abrahamson

From: Joy [jmichali@d.umn.edu]
Sent: Friday, October 03, 2003 8:08 AM
To: Brenda Abrahamson
Subject: Swenson Science Update - Oct 2

DATE: October 2, 2003

TO: UMD Campus Community

FROM: Greg Ewald, Project Manager

RE: James I. Swenson Science Building

During the week of October 6, 2003

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. Work is continuing in the Kirby Tunnel. Interior mechanical, electrical and wall work has begun and will continue throughout the project duration. Mechanical utility equipment installation has begun. Sod restoration along Kirby Drive has been completed. Should you need any additional clarification or have special needs, please call Facilities Management at X8262 or Greg Ewald at X8274.

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

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

Joy M
Facilities Management
Extension 8244
Have an awesome day!