



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: **August 12, 2003**

PROJECT: James I. Swenson Science Lab

LOCATION: University of Minnesota – Duluth
Duluth, MN 55812

OWNER: University of Minnesota

CONTRACTOR: M.A. Mortenson

SCOPE: \$ 25,451,000

START DATE: April 1, 2003

COMPLETION DATE: **December 31, 2004**

PRESENT:

John Rashid	-UMD
Greg Ewald	-UMD
Rick Stanius	-STANIUS JOHNSON architects
Dan Pennington	-M.A. Mortenson
Bret Woodland	-M.A. Mortenson
Mike Pierson	-M.A. Mortenson
Bob Braun	-M.A. Mortenson

OBSERVATIONS AND DISCUSSIONS:

A construction meeting was held at 1:30 p.m. on Tuesday, August 12, 2003. There was a review of the previous construction meeting minutes dated August 5, 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 as of August 1st they are back on schedule.

SJA

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

Contractor indicated that on the RFI log, RFI's #187 & #198 are critical and requested response from the Design Team as soon as possible. On the Submittal Log, metal fabrications 05500 and metal stairs 05510 need to be reviewed and forwarded to contractor as quickly as possible. Contractor acknowledges that they were just delivered to architect today, but they do need them as soon as possible.

3. Relative to item no. 3 of the previous meeting minutes 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

Architect is in receipt of PCO's # 11, 14, 15, 16, 18 and 22 which will be incorporated into Change Order No. 2. Also incorporated into the same change order are CIC's #10, 11, 9, and 8. PCO's # 12, 17, 19, 20, 21, 23, 24 and 25 are being reviewed by the Design Team at this time. Architect is awaiting responses to PR's # 6.1, 10, 12, 14, 17, 20, 30, 31, 32 and 33. **Contractor is to respond to these proposal requests as soon as possible.**

4. Disruption avoidance issues:

MAM

- The 6" waterline is tentatively scheduled for installation on August 25, 2003. Contractor has issued an RFI regarding the connection detailing. There is a conflict between civil and mechanical. This needs to be resolved immediately since this work is scheduled for this coming Wednesday or Thursday.

Also, Greg Ewald requested more description and accuracy request for disruption.

5. Progress to date:

MAM

- Structural steel frame for Area A is nearing substantially completion. Structural steel frame for Area B is proceeding. Structural steel for Area C is scheduled to start this Wednesday.

- Steel decking for Area A is proceeding. Steel decking for Area B is proceeding.

MAM

- The contractor is proceeding with cooling tower footings in addition to piping from the cooling tower to the chillers.

- The suspended floor slab pour has been placed, first level Area C. The slab on grade for Area C is proceeding at this time.

- Mechanical and electrical rough in is proceeding.

- Underground plumbing and piping is proceeding at Area B, slab on grade area. Pour is scheduled next week.

MAM, Greg Ewald

- Sod site work restoration as well as top soil is substantially complete for the areas disturbed to this point. Mike Pierson indicated that the total cost for the site restoration work is between \$10,000 and \$15,000, contingent on an agreement on the quantity. The contractor will be paint marking the extents of the restoration and the total quantities will be reviewed between Mortenson and the University.

Regarding the re-use of the existing top soil, GME and Mortenson are discussing options for making the material comply with the specifications. This may require

the input of the landscape architect. GME has submitted a report on this issue. The extent of restoration has been marked on the site so the contractor can identify quantities. This work is to be done as soon as possible.

Regarding the re-use of existing top soil, Mortenson is having a second import sample tested in anticipation of site mixing with the stock piled soil for future re-use.

Mortenson is also anticipating top-dressing the sod that has been placed to bring that up to acceptance. Both of these top soil issues need to be reviewed by a landscape architect contracted by Mortenson.

- GME, MAM** 6. Relative to item no. 6 of the previous meeting minutes, architect stated that he has contacted GME and instructed GME to document all cases where over excavation for footings are required to achieve the designed soil bearing pressure. This report needs to be location specific and give quantities of additional excavation out, additional backfill in, and additional cubic yards for concrete mud slab, and additional cubic yards of concrete footings. These will be reviewed and concurrence needs to be reached between GME and Mortenson.
7. Relative to item no. 7 of the previous meeting minutes concerning submittals, architect is still awaiting the following from the contractor.
- MAM**
- Coordination drawings. Bret Woodland indicated all ground floor, for all areas, coordination 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.
 - Mock-ups and color samples. Reference architects letter to contractor of July 1, 2003.
- MAM**
- SJA, AEI** 8. Relative to item no. 8 of the previous meeting minutes regarding the site lighting revisions, Greg Ewald and Brian Morse have reviewed the drawing included with Proposal Request No. 33 and some minor revisions will be made and a PR#33.1 will be issued.
9. Relative to item no. 9 of the previous meeting minutes regarding the design review meeting for the landscape design work, this meeting is rescheduled for September 5, 2003 in Chicago.
- MAM** 10. Relative to item no. 10 of the previous meeting minutes regarding Elevator No. 1 shaft size, Brian Morse will contact elevator advisory group to discuss the issue of ADA compliance of the elevator size. Since Minnesota Elevator has indicated that their car will meet ADA, architect strongly recommends that they meet with Jerry Saarenpaa, State Elevator Inspector, at this point to be sure that there aren't any problems in Jerry approving the car as anticipated. This needs to be coordinated through Otis Elevator. Also, architect strongly recommended that the contractor sit down and review the shop drawings with Saarenpaa so that there aren't any unforeseen changes that could be averted before this work starts.
- MAM** 11. Relative to item no. 11 of the previous meeting minutes regarding the review of the concrete floor finish mock ups, the review date will be August 20, 2003.

A brick mock-up has been laid up for the architects review. Mike Pierson indicated the siding samples will be ready for review with the louver colors at the August 20th meeting also. Mortenson is pursuing whatever other mockups they can put together for that same review time.

12. There is a meeting set tomorrow with the Design Team, Owner and Contractor at Cold Springs Granite to review the aged taconite samples.

All Contractors 13. The next construction meeting will be held Tuesday August 19, 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
Ken Kornberg, KKA
Tom Oslund, O&A
Chris Rousseau, MSA
Paul Johnson, MBJ
Eric Edlund, GME
Brian Morse

F:\01023 UMD Science Building\Administration\Construction\08-12-03CMM.doc

DATE: August 13, 2003

TO: UMD Campus Community

FROM: Greg Ewald, Project Manager

RE: James I. Swenson Science Building

Lot W is now completely closed.

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

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

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

During the week of August 18, 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 both research and academic areas and foundations for the cooling tower. 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>

UMD Science Building Project #031007
3 Week Schedule

MORTENSON[®]		August							August							August						
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
Contractor Responsible	ACTIVITY	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Area A																					
N. Erectors	Set str. Stl. - Upper levels	x																				
N. Erectors	Detail struct. Steel	x	x	x	x																	
N. Erectors	Decking	x	x	x	x	x			x	x												
Harbor City	Foundation walls	x	x	x	x	x			x	x	x	x	x			x	x	x	x	x		
Mortenson	SOG	x	p																			
Mortenson	Place SOMD 2nd Lvl.	x	x	p																		
	Area B																					
N. Erectors	Set str.stl.- upper levels															x	x	x	x	x		
N. Erectors	Detail str. Stl.																		x	x		
N. Erectors	Decking																					
AGO	Underground plumbing	x	x	x	x	x			x	x	x	x	x									
API	Underground elect.	x	x	x	x	x			x	x	x	x	x									
Mortenson	SOG		x	x	p																	
Mortenson/Sowles	SOMD								x	x	p											
	Area C																					
N. Erectors	Set str. Stl.			x	x	x			x	x	x	x	x									
N. Erectors	Detail stl.					x			x	x	x	x	x			x	x					
N. Erectors	Decking										x	x	x			x	x	x	x	x		
	Area D																					
Ulland Bros.	Exc.ftgs. & ductbank								x	x	x	x	x			x	x	x	x	x		
Ulland Bros.	Install 6" waterline				x	x			x	x	x	x	x			x	x					
Mortenson/ Sowles	FRP ftgs.									x	p	x	p									
Mortenson/ Sowles	FRP walls											x	x			p	x	x	x	p		
Jamar/ Ulland	Waterproof-Backfill																x	x	x	x		
N. Erect.	Set str. Stl.																					
N. Erect.	Detail str.stl.																					
N. Erect.	Decking																					
	Cooling tower																					
Mortenson/Sowles	FRP ftgs.	p																				
N. Erect.	Set str. Stl.				x	x																
Mortenson/Sowles	FRP walls			x	x	x			p													

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	NEW	6/16/03	6/23/03			\$0
02-010	CIC	00004	12" Water Main Offset	MP	NEW	6/16/03	6/18/03		COR 00007	\$0
03-017	CIC	00005	ASI #013 structural revisions	MP	NEW	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	NEW	7/8/03	7/15/03		RFI 00108	\$0
1 Items									Subtotal:	\$0
15-005	CIC	00008	Change Wall Mount Exhaust Fans	BW	OUT	7/22/03	7/29/03		RFI 00076	\$0
15-059	CIC	00009	Jamar RFI #011 - Duct Size Clarify	BW	OUT	7/23/03			RFI 00127	\$0
15-023	CIC	00010	Jamar RFI #016 - Sink Clarification	BW	OUT	7/23/03			RFI 00133	\$0
3 Items									Subtotal:	\$0
15-020	CIC	00011	Jamar RFI #015 - Cleanout Clarify	BW	CLO	7/23/03			RFI 00130	\$0
1 Items									Subtotal:	\$0
05-092	CIC	00012	TS 2.5"x2.5" Decking Support	MP	NEW	7/23/03	7/18/03		RFI 00162	\$0
05-060	CIC	00013	No Lintel Between C, C.9 on Grid 18	MP	NEW	7/23/03	7/30/03		RFI 00059	\$0
14-001	CIC	00014	Elev Pit Dimensions Clarification	BW	NEW	8/12/03			RFI 00114	\$0
3 Items									Subtotal:	\$0
14 Total Items									Total:	\$0

Open Notice Log

Sorted by Engineer

Date: 8/12/03

Mortenson Job No: 031007

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Issue	Item	Number	Description	Engr	Status	Dated	Required	Approved	Ref Number	Cost
15-049	PR	00031	PR #031 - Elev. Equipt. Rm Mech Rev	BW	NEW	7/25/03	8/1/03			\$0
16-014	PR	00033	PR #033- Site Lighting Revisions	BW	NEW	7/28/03	8/4/03			\$0
2 Items									Subtotal:	\$0
10-007	PR	00032	PR32 Increase Penthouse Louver Size	JB	NEW	7/21/03	7/28/03		PR 00032	\$0
1 Items									Subtotal:	\$0
02-012	CCD	00002	Failed Bearing Pressure A/1 and A/2	MP	NEW	6/30/03			CIC 00003	\$0
05-016	PR	00006.1	PR#006.1 Metal Grating Area Wells	MP	NEW	7/15/03	7/29/03		PR 00006	\$0
03-008	PR	00010	PR#010 Add Doors to Chiller Room 31	MP	NEW	4/30/03	5/26/03			\$0
03-007	PR	00012	PR#012 Brick Ledge, Grade, C Basin	MP	NEW	5/6/03	5/26/03			\$0
03-012	PR	00014	PR#014 Concrete Floor Finish	MP	NEW	5/19/03	5/27/03			\$0
5 Items									Subtotal:	\$0
8 Total Items									Total:	\$0

PCO Status Log

Date: 8/12/03

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	00011	PR#007 Housekeeping Custodial Rooms	15-007	BW	APP	7/24/03	7/24/03	7/28/03	PR	00007	\$29,892
PCO	00014	PR#011 Steam Traps	15-008	BW	APP	7/22/03	7/23/03	7/28/03	PR	00011	\$12,366
PCO	00015	PR #024.1 Fiberock and Vapor Barrie	07-002	BW	APP	7/30/03	7/30/03	8/4/03	PR	00024.1	\$57,791
PCO	00018	PR#021 Door Hardware/Doors Revision	08-009	BW	APP	7/30/03	7/30/03	8/5/03	PR	00021	\$5,562
4 Items										Subtotal:	\$105,611
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
6 Items										Subtotal:	\$12,169
Unsubmitted											
PCO	00026	Jamar RFI #016 - Sink Clarification	15-023	BW	NEW	8/7/03			RFI	00133	\$2,275
PCO	00027	Jamar RFI #015 - Cleanout Clarify	15-020	BW	NEW	8/7/03			RFI	00130	\$645
PCO	00028	Guardrail Detail Stair #3 & #4	05-094	MP	NEW	8/11/03					\$3,490
3 Items										Subtotal:	\$6,410
Pending Negotiation											
PCO	00008	PR#018 Revise Elect. Motor Schedule	16-001	BW	OPN	6/25/03	6/25/03		PR	00018	\$1,114
PCO	00010	PR#006 Area Well Grating & Support	05-016	MP	OPN	7/9/03	7/9/03		PR	00006	\$1,968
PCO	00012	PR#019 Elect. Resistance Load Bank	16-005	BW	OPN	7/30/03	7/30/03		PR	00019	\$22,310
PCO	00013	ASI #011 elevator waterproofing	07-003	BW	OPN	7/22/03	7/23/03		ASI	00011	\$0
PCO	00016	PR #29 Add Sedimentation Basins	01-004	MP	OPN	8/5/03	8/5/03		PR	00029	\$3,210
PCO	00017	PR 23.1 Elec. Additions/Revisions	16-006	BW	OPN	7/30/03	7/30/03		PR	00023.1	\$14,403
PCO	00019	PR#27 Addition of a 2nd Chiller Uni	15-014	BW	OPN	7/30/03	7/30/03		PR	00027	\$105,008
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	8/5/03	8/5/03		PR	00030	\$8,555
PCO	00022	PR #25 Building Drantile Aggregate	02-009	MP	OPN	8/5/03	8/7/03		PR	00025	\$5,767
PCO	00023	PR#017 Stair Sup. and Bridge Sect.	05-079	MP	OPN	8/5/03	8/5/03		PR	00017	\$10,011
PCO	00024	PR #028 - Penthouse HVAC Mods.	15-033	BW	OPN	8/5/03	8/5/03		PR	00028	\$74,470

PCO Status Log

Mortenson Job No: 031007

Date: 8/12/03

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Type	Number	Title	Issue	Engr	Status	Opened	Sent	Negotiated	Ref	Number	Cost
Pending Negotiation											
PCO	00025	PR #15.1 revised box culvert 7'x6'	02-006	MP	OPN	8/6/03	8/13/03		PR	00015.1	\$66,259
13 Items										Subtotal:	\$330,191
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	7/1/03	PR	00022	\$81,031
2 Items										Subtotal:	\$81,031
28 Total Items										Total:	\$535,412

Request for Information Log**Date: 8/12/03****Mortenson Job No: 031007****Page: 1 of 1**

Issue	To	From	Number	Description	Status	Dated	Responded	Required	Days Held
15-045	ARCH	MORT	00187	Space @ Floor for S, LW Risers	NEW	7/28/03		8/4/03	15
05-105	ARCH	MORT	00193	Railing @ Skyway Enter. Link 100 I	NEW	7/30/03		8/6/03	13
15-057	ARCH	MORT	00196	Branch Lines Off Main @ Elev. 2	NEW	8/8/03		8/15/03	4
15-058	ARCH	MORT	00197	Rated Ceiling Height, Cor. 50 @ J	NEW	8/11/03		8/18/03	1
02-021	ARCH	MORT	00198	6" Water Hookup @ Tunnel	NEW	8/11/03		8/18/03	1
05-106	ARCH	MORT	00199	Field Verify Wing Wall Dimensions	NEW	8/11/03		8/18/03	1
05-110	ARCH	MORT	00200	Field Fix For 214A	NEW	8/11/03		8/18/03	1
05-111	ARCH	MORT	00201	Mannstedt RF194 - Extent of Brick	NEW	8/11/03		8/18/03	1

Open RFI's: 8

Submittal Log

Date: 8/12/03

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Mortenson Job No.: 031007

Submittal	Rev.	Title	Status	Submittal Date	Current Dates				BIC	Days Held By Architect
					Rcvd.	Sent	Return	Forward		
04220		Concrete Unit Masonry								
04220-PS-001	001	Concrete Unit Masonry Specs	SUB		7/17/03	7/21/03		ARCH	22	
05311		Deck & Stud Shops								
05311-SD-004	001	Area 'A' 2nd Tier Slab Edge: Drawings E17a, E18a, & 89-91	SUB		8/5/03	8/6/03		ARCH	6	
05311-SD-005	001	Area 'D' 1st Tier Slab Edge: Drawings E15a, E16a, & 92-94	SUB		8/5/03	8/6/03		ARCH	6	
05500		Metal Fabrications								
* 05500-SD-002	001	Misc. Ladders, Angles, Brackets: Drawings 502-504	SUB		8/7/03	8/11/03		ARCH	1	
05510		Metal Stairs								
* 05510-SD-002	001	Stair #1 & Interior Bridge Complete: E708,E709,E712,E713,705	SUB		8/8/03	8/11/03		ARCH	1	
* 05510-SD-003	001	Stair #2 Complete: E710-E711, 710-718	SUB		8/7/03	8/11/03		ARCH	1	
* 05510-SD-004	001	Stair #5 Complete: E715, 732, 733	SUB		8/7/03	8/11/03		ARCH	1	
* 05510-SD-005	001	Stair #6 Complete: E714, 730, 731	SUB		8/7/03	8/11/03		ARCH	1	
* 05510-SD-006	001	Three Roof Stairs: E716, 734	SUB		8/7/03	8/11/03		ARCH	1	
07270		Air Barriers								
07270-PS-004	001	Air Barriers Install Instruc. Mason: Air Barriers Install Instruct -	SUB		8/5/03	8/6/03		ARCH	6	
07270-PS-003	001	Air Barriers Spec - Mason	SUB		8/5/03	8/6/03		ARCH	6	
07550		Mod. Bituminous Membrane Roofing								
07550-PS-001	001	Bituminous Membrane Roofing Specs	SUB		8/5/03	8/6/03		ARCH	6	
07550-CE-002	001	Mod. Bituminous Membrane Roof Qual: Mod. Bituminous Merr	SUB		8/5/03	8/6/03		ARCH	6	
07550-WA-001	001	Mod. Bituminous Membrane Roof. War: Mod. Bituminous Mem	SUB		8/5/03	8/6/03		ARCH	6	
07620		Sheet Metal Flashing & Trim								
07620-SA-002	001	Sheet Metal Flashing & Trim Samples	SUB		8/5/03	8/6/03		ARCH	6	
07620-PS-001	001	Sheet Metal Flashing & Trim Specs	SUB		8/5/03	8/6/03		ARCH	6	
07811		Intumescent Mastic Fireproofing								
07811-PS-001	001	Intum. Mastic Fireproofing Specs	SUB		8/1/03	8/4/03		ARCH	8	
08970		4-Sided Structural Glazed Series								
08970-QA-001	001	4-Sided Structural Glazed Calcs	SUB		7/31/03	8/1/03		ARCH	11	
08970-SD-001	001	4-Sided Structural Glazed Shops	SUB		7/31/03	8/1/03		ARCH	11	
09910		Exterior Painting								
09910-PS-001	001	Exterior Painting Specs	SUB		8/1/03	8/4/03		ARCH	8	
09920		Interior Painting								
09920-PS-001	001	Interior Painting Specs	SUB		8/1/03	8/4/03		ARCH	8	
09920-SA-001	001	Interior/Exterior Painting Samples: Interior Painting Samples	SUB		8/1/03	8/4/03		ARCH	8	
10210		Fixed Metal Wall Louvers								
10210-SA-001	001	Fixed Metal Louvers Color Samples: Fixed Metal Wall Louvers	SUB		6/23/03	6/25/03		ARCH	48	
15340		Laboratory Vacuum System								
15340-SD-002	001	Laboratory Vacuum Systems	SUB		7/28/03	7/28/03		ARCH	15	
15530		Piping Specialties								
15530-SD-001	002	Steam Traps: Armstrong Steam Traps	SUB		8/4/03	8/5/03		ARCH	7	
15850		Ductwork								
15850-PS-006	002	Stainless Duct @ Biosafety/Fume Exh	SUB		8/7/03	8/11/03		ARCH	1	
15902		Control Valves & Dampers								
15902-PS-001	001	Control Valves & Damper Specs	SUB		7/11/03	7/28/03		ARCH	15	
15904		Lab Temp & Airflow Control Systems								
15904-PS-001	001	Lab Temp & Airflow Control Specs	SUB		7/28/03	7/28/03		ARCH	15	
15910		Temperature Control Drawings								
15910-SD-002	001	Temperature Control Drawings	SUB		8/7/03	8/11/03		ARCH	1	
15910-SD-001	001	Temperature Controls Sequencing	SUB		8/4/03	8/4/03		ARCH	8	

Submittal Log

Date: 8/12/03

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Mortenson Job No.: 031007

Submittal	Rev.	Title	Status	Submittal Date	Current Dates				BIC	Days Held By Architect
					Rcvd.	Sent	Return	Forward		
16420		Secondary Unit Substations								
16420-SD-001	002	Secondary Unit Substations	SUB		7/30/03	7/31/03			ARCH	12
16425		Switchboards								
16425-SD-001	002	Switchboards	SUB		7/30/03	7/31/03			ARCH	12
16440		Disconnect Switches								
16440-SD-001	002	Disconnect Switches	SUB		7/30/03	7/31/03			ARCH	12
16455		Busways								
16455-SD-001	002	Busways	SUB		7/30/03	7/31/03			ARCH	12
16460		Dry Type Transformers								
16460-SD-001	002	Dry Type Transformers	SUB		7/30/03	7/31/03			ARCH	12
16470		Panelboards								
16470-SD-001	002	Panelboards	SUB		7/30/03	7/31/03			ARCH	12
16475		Distribution Panelboards								
16475-SD-001	002	Distribution Panelboards	SUB		7/30/03	7/31/03			ARCH	12
16480		Motor Controllers and Contractors								
16480-SD-001	002	Motor Controllers and Contractors	SUB		7/30/03	7/31/03			ARCH	12
16510		Lighting Fixtures								
16510-SD-002	001	Lighting Fixture "G1" (Missed)	SUB		7/30/03	7/31/03			ARCH	12
16510-SD-003	001	Linear Fixture Construction Dwgs	SUB		7/30/03	7/31/03			ARCH	12
16675		TVSS								
16675-SD-001	001	TVSS System Shops	SUB		7/30/03	7/31/03			ARCH	12

Submittal's +21 Days: 2