



## 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 21, 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

#### OBSERVATIONS AND DISCUSSIONS:

A construction meeting was held at 1:30 p.m. on Tuesday, October 21, 2003. There was a review of the previous construction meeting minutes dated October 14, 2003.

The following items were discussed and observations made:

#### Stanisus Johnson Architects

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

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*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 10.1, 20, 32, 35, 39, 40, 41, 43, 44, 45, 46, and 47. **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.

**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, Contractor is proceeding with installation of parapet blocking on the penthouse and lower roof. This will proceed this week and next. Built-up roofing has been mobilized today and will proceed on the penthouse roof the rest of this week and beginning part of next week. Installation of built-up roof on the lower roof will start mid-next week and continue through the first week of November, after parapet blocking installation is complete which should be done by the end of this week on the lower roof. Mechanical and electrical rough-in work is proceeding, all levels. Concrete finishing has started on the second level and will continue through this week and move to the first level next week, and back up to the second level the first week of November. Installation of windows is scheduled to start next week.

**MAM**

- Area B, structural steel detailing and deck penetrations for the roof is ongoing this week and will be complete the end of next week. Steel stud installation and exterior sheathing on "c" line is proceeding this week and next week. Framing and sheathing of the penthouse walls will proceed through this week and mid-next week. Mechanical and electrical rough-in is proceeding. Harbor City will start their block walls in Elevator No. 1, mid-next week and continue through the first week of November.

**MAM**

- Area C, structural steel detailing and decking will continue through this week and next. Mechanical and electrical rough-in has started today and will proceed this week and through the middle of next week. Slab on metal deck structural preparation will continue this week and next week, with concrete slab on metal deck pour scheduled for Thursday of next week and Wednesday of the following

- week.
- MAM**
- Area D, concrete block foundation work is proceeding this week and will be complete mid-next week. Underground Civil, Mechanical, and Electrical from Area C to Area D is ongoing and hopefully will be substantially complete by the end of this week or the first part of next week. Setting of structural steel should be substantially complete mid-this week with structural steel detailing and decking continuing this week and complete mid-next week. Slab on grade pour is scheduled for mid-next week.
- MAM**
- Cooling Tower, has been set. Air handling unit stacks are being installed at this time.
- MAM**
7. 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.
- MBJ**
8. Relative to item no. 8 of the previous meeting minutes, Architect indicated that MBJ has all of the loads that they believe they are going to get from the Design Structural Engineer for the helical stair. They are now in the position of completing the design for the footing for the helical stair.
  9. 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.
- 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**
10. Relative to item no. 10 of the previous meeting minutes, the Design Team is moving forward with the landscape design for the project.
- MBJ**
11. 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.
- MAM**
12. Relative to item no. 12 of the previous meeting minutes, Architect has issued ASI No. 40 concerning the trap condition for the air handling units for proper connection of the drip pan traps. Contractor is to notify Architect when this is complete.

- SJA, Dave Mueller** 13. 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.
14. Relative to item no. 14 of the previous meeting minutes, an onsite meeting is scheduled between the Sub-contractor and Engineer for tomorrow at 11:00 a.m. A proposal request has been issued through the Engineer for the addition of flash tanks to flash high pressure condensate into University and Code will not allow flashing high pressure condensate into low pressure steam lines.
- MAM** 15. Relative to item no. 15 of the previous meeting minutes, Contractor indicated that they are proceeding with the temporary natural gas connection.
- MAM** 16. Relative to item no. 16 of the previous meeting minutes, Architect is still awaiting contractor's return of the Substantial Completion Inspection of the Tunnel.
- MAM** 17. 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** 18. Relative to item no. 19 of the previous meeting minutes, Dan asked that the Owner forward to him a copy of the Owners Builders Risk as soon as possible.
- MAM, Jeff Parker** 19. The Contractor is proposing the re-use of an existing low pressure steam line for high pressure. They have been directed by Harry Walsch and the University to confirm that the existing pipe meets all requirements for high pressure steam. This will be reviewed tomorrow by Jeff Parker of AEI.
- MAM** 20. Greg Ewald indicated that there have been a number of instances where the tunnel door has been left open during the work day. This door is to be secured at all times. The Contractor is aware of this and will reinforce this requirement to their Sub-contractors.
- MAM** 21. Architect pointed out to Contractor a ledge condition that exists on the top of the pit foundation, west side of Elevator No. 1. This ledge will need to be ground down smooth because no protrusions or ledges are allowed by the Elevator Inspector.
- 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, October 28, 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**

<b>MORTENSON<sup>®</sup></b>		October					October					November										
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
<b>Contractor Responsible</b>	<b>ACTIVITY</b>	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9
	Area A																					
Mortenson	Upper parapet blocking	x	x						x	x												
Com. Roof.	Install penthouse roof			x	x	x			x	x												
Mortenson	Lower parapet blocking	x	x	x	x	x																
Com. Roof.	Install lower roof										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			x	x	x	x	x									
Jamar	Hang pipe	x	x	x	x	x			x	x	x	x	x									
Conc Restoration	Retroplate 2nd level			x	x	x	x										x	x	x	x		
Conc Restoration	Retroplate 1st level								x	x	x	x										
HKL	Install Windows								x	x	x	x	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 C-line	x	x	x	x	x			x	x	x	x	x									
Minute-Ogle	Frame penthouse walls	x	x	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		
API	Inst. Dist. Box & feeder- ABC	x	x	x	x	x			x	x	x	x	x									
	Area C																					
N. Erectors	Detail, & deck	x	x	x	x	x			x	x	x	x	x									
AGO	Install drains SOMD		x	x	x	x			x	x												
API	Install elect. SOMD		x	x	x	x			x	x												
N. Erectors	Weld nelson studs			x	x	x			x	x	x	x										
Sowles	Install rebar & mesh				x	x			x	x	x	x	x									
Mortenson	Place SOMD										x	p				x	p					
	Area D																					
Harbor City	Lay foundation block			x	x	x			x	x												
Ulland Bros.	Exc. Underground plumb C-D		x	x	x	x																
AGO	Inst.Under gr. Plumbing C-D		x	x	x	x																
N. Erect.	Set str. Stl.	x	x																			
N. Erect.	Detail, & deck	x	x	x	x	x			x	x	x											
Mortenson	Place SOG									x	p											
API	Exc.&install SOG&ductbank		x	x	x	x			x													
	Cooling tower																					
Jamar	Set tower, & AHU stacks		x	x																		

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

<b>MORTENSON<sup>®</sup></b>		October						October						November								
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
<b>Contractor Responsible</b>	<b>ACTIVITY</b>	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9
	Area A																					

## Submittal Log

Date: 10/21/03

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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		
<b>06410 Laboratory Custom Wood Casework</b>										
06410-SD-002	001	Cabinet Drawer Depths	SUB		10/9/03	10/13/03			ARCH	8
06410-SA-001	001	lab casework sample	SUB		10/15/03	10/17/03			ARCH	4
<b>08211 Flush Wood Doors</b>										
08211-SA-002	001	Flush Wood Doors Samples	SUB		10/13/03	10/16/03			ARCH	5
<b>09920 Interior Painting</b>										
09920-SA-001	001	Interior/Exterior Painting Samples: Interior Painting Samples	SUB		8/1/03	8/4/03			ARCH	78
<b>10705 Sun Screens</b>										
10705-MU-001	001	Sunscreen Mockup	SUB		9/25/03	10/7/03			ARCH	14
<b>14240 Elevators</b>										
14240-SD-001	001	Elevators Shops - Initial	SUB		10/16/03	10/16/03			ARCH	5
<b>15280 Automatic Fire Sprinkler System</b>										
15280-PS-001	001	Automatic Fire Sprinkler Specs	SUB		10/7/03	10/8/03			ARCH	13
<b>15510 Pipe and Pipe Fittings</b>										
15510-PS-007	001	Condenser Water/Glycol Water	SUB		10/13/03	10/16/03			ARCH	5
15510-PS-001	002	Heating Hot Water Pipe Specs	SUB		10/13/03	10/16/03			ARCH	5
15510-PS-006	001	High Press. Steam/Cond. 76-200 PSIG	SUB		10/13/03	10/16/03			ARCH	5
15510-PS-005	001	High Pressure Steam/Cond 16-75 PSIG	SUB		10/13/03	10/16/03			ARCH	5
15510-PS-004	001	Low-Pressure Steam/Cond. 0-15 PSIG: Low-Pressure Steam/C	SUB		10/13/03	10/16/03			ARCH	5
15510-PS-009	001	Raw Water Make-Up	SUB		10/13/03	10/16/03			ARCH	5
15510-PS-008	001	Steam Condensate Pump Discharge	SUB		10/13/03	10/16/03			ARCH	5
<b>15904 Lab Temp &amp; Airflow Control Systems</b>										
15904-PS-001	002	Lab Temp & Airflow Control Specs	SUB		10/7/03	10/8/03			ARCH	13
<b>16075 Electrical Identification</b>										
16075-SA-001	001	Electrical Identification Samples	SUB		10/7/03	10/9/03			ARCH	12
16075-PS-001	002	Electrical Identification Specs	SUB		10/7/03	10/9/03			ARCH	12
<b>16420 Secondary Unit Substations</b>										
* 16420-SD-001	003	Secondary Unit Substations	SUB		10/7/03	10/9/03			ARCH	12
<b>16425 Switchboards</b>										
* 16425-SD-001	003	Switchboards	SUB		10/7/03	10/9/03			ARCH	12
<b>16620 Standby Electrical System</b>										
16620-PS-001	001	Standby Electrical System Load Bank	SUB		10/7/03	10/9/03			ARCH	12

Submittal's +21 Days: 1

# 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 Draine 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
<b>6 Items</b>									<b>Subtotal:</b>	<b>\$0</b>
15-013	CIC	00007	Additional Clean-out Per RFI #108	BW	OUT	9/25/03	9/30/03		RFI 00108	\$1,500
<b>1 Items</b>									<b>Subtotal:</b>	<b>\$1,500</b>
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
<b>4 Items</b>									<b>Subtotal:</b>	<b>\$2,920</b>
05-092	CIC	00012	TS 2.5"x2.5" Decking Support	MP	OUT	7/23/03	7/18/03		RFI 00162	\$0
<b>1 Items</b>									<b>Subtotal:</b>	<b>\$0</b>
05-060	CIC	00013	No Lintel Between C, C.9 on Grid 18	MP	CLO	7/23/03	7/30/03		RFI 00059	\$0
<b>1 Items</b>									<b>Subtotal:</b>	<b>\$0</b>
14-001	CIC	00014	Elev Pit Dimensions Clarification	BW	DIS	8/12/03			RFI 00114	\$0
<b>1 Items</b>									<b>Subtotal:</b>	<b>\$0</b>
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
<b>2 Items</b>									<b>Subtotal:</b>	<b>\$17,100</b>
02-024	CIC	00017	ASI #035- Box Culvert Waterproofing	BW	CLO	9/26/03	9/30/03		ASI 00035	\$2,400
<b>1 Items</b>									<b>Subtotal:</b>	<b>\$2,400</b>
<b>17 Total Items</b>									<b>Total:</b>	<b>\$23,920</b>



## Open Notice Log

Sorted by Engineer

Date: 10/21/03

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
15-060	PR	00045	PR #045- Flash Tanks @ HPC	BW	NEW	10/16/03	10/23/03			\$0
<b>4 Items</b>									<b>Subtotal:</b>	<b>\$0</b>
05-149	PR	00040	PR#040 Handrail and Guardrail Chang	MP	NEW	9/23/03	9/30/03			\$0
05-163	PR	00043.1	PR#043.1- Hot-Dipped Galv @ Helical	MP	NEW	10/20/03	10/27/03		PR 00043	\$0
<b>2 Items</b>									<b>Subtotal:</b>	<b>\$0</b>
<b>6 Total Items</b>									<b>Total:</b>	<b>\$0</b>

## PCO Status Log

Date: 10/21/03

Mortenson Job No: 031007

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Type	Number	Title	Issue	Engr	Status	Opened	Sent	Negotiated	Ref	Number	Cost
<b>Negotiated, Pending Change Order</b>											
PCO	00010.1	PR#006.1 Metal Grating Area Wells	05-016	MP	APP	9/26/03	9/30/03	10/21/03	PR	00006.1	\$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
<b>18 Items</b>										<b>Subtotal:</b>	<b>\$44,801</b>
<b>Fully Executed Change Order</b>											
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

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Type	Number	Title	Issue	Engr	Status	Opened	Sent	Negotiated	Ref	Number	Cost
<b>Fully Executed Change Order</b>											
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
<b>21 Items</b>										<b>Subtotal:</b>	<b>\$201,859</b>
<b>Unsubmitted</b>											
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
<b>5 Items</b>										<b>Subtotal:</b>	<b>\$19,247</b>
<b>Pending Negotiation</b>											
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
<b>4 Items</b>										<b>Subtotal:</b>	<b>\$43,293</b>
<b>Owner Rejected Changes</b>											
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

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Type	Number	Title	Issue	Engr	Status	Opened	Sent	Negotiated	Ref	Number	Cost	
<b>Owner Rejected Changes</b>												
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	
										<b>6 Items</b>	<b>Subtotal:</b>	<b>\$328,736</b>
										<b>54 Total Items</b>	<b>Total:</b>	<b>\$637,936</b>

**Request for Information Log**

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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	7
16-022	ARCH	MORT	00269	Generator Housekeeping Pad	NEW	10/17/03		10/24/03	4

**Open RFI's: 2**

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