CONSTRUCTION MEETING MINUTES

UNIVERSITY OF MINNESOTA – DULUTH
Sports & Health Center

U of M PROJECT NUMBER	521-02-1437
BUILDING PERMIT	
ARCHITECT PROJECT NO.	03013
DATE:	**February 22, 2006**
PROJECT:	Sports & Health Center
LOCATION:	University of Minnesota – Duluth Duluth, MN 55812
OWNER:	University of Minnesota
CONTRACTOR:	Kraus Anderson Construction
SCOPE:	**$ 8,704,000**
START DATE:	**July 6, 2005**
COMPLETION DATE:	**November 1, 2006**

PRESENT:	Greg Ewald	-UMD
	Chris Stevens	-UMD
	Mick McComber	-UMD
	Justin May	-UMD
	Brian Morse	-SJA Architects
	Jim Johnson	-FJJ
	Pat Gallagher	-Kraus Anderson
	Wade Engebretson	-Kraus Anderson
	Mark Kucza	-A.G.O'Brien
	Roger Anderson	-Harbor City Masonry
	Dewey Horstman	-Nicros, Inc.

OBSERVATIONS AND DISCUSSIONS:

A construction meeting was held at 10:30 a.m. on Wednesday, February 22, 2006. There was a review of the construction meeting minutes dated February 14, 2006.

The following items were discussed and observations made:

ACTION

KA 1. Questioned by the Architect the Contractor stated that they remain on schedule for the Contract Completion date. Contractor distributed Revision 1 to their internal schedule.

2. With respect to submittals:

Greg Ewald

- Concerning the rock climbing wall shop drawings, Greg Ewald will send a copy of those down to Codes Division.

3. Progress to Date:

  - See attached short term schedule.

RDG 4. Relative to item no. 4 of the previous meeting minutes concerning the building room signage, SJA has forwarded to RDG the revised room names and general information regarding the University sign standards. ASI language is needed from RDG. Greg Ewald requested that Kevin contact Erick Larson if he has any specific questions.

The next signage package will be the directional signage to be addressed by RDG and UMD. There will be no need for a building directory.

KA 5. Relative to item no. 5 of the previous meeting minutes concerning sprinkler work above the existing ceiling that was inspected by Mr. Stringfield on January 4, 2006, the Contractor has generated an internal punch list. Architect requested a copy be sent to him and to Dave indicating when all items have been corrected

KA 6. Relative to item no. 6 of the previous meeting minutes concerning the aesthetic aspects of the cast in place concrete walls, the Contractor will be priming and filling a wall for Architect and Owner review prior to final painting.

UMD, KA 7. Relative to item no. 7 of the previous meeting minutes, the following schedule relates to the furniture package.

- June 5, 2006 – beginning of installation of all wall-mounted furniture components.
- June 19- 23, 2006 – counter top installations.
- July 15, 2006 – installation of loose base cabinets and furniture components.

UMD 8. Relative to item no. 8 of the previous meeting minutes, Chris reported that Kevin Klaus has had a heavy duty sprinkler guard fabricated. The Owners intent, according to Chris, is to have the remainder of the heads fabricated for the ice arena to this standard and then have them installed.

KA, UMD 9. Relative to item no. 9 of the previous meeting minutes, although not on the critical path, Wade brought up the work that will be impacting the running track. Coordination between Contractor and UMD will be required. It was indicated that the running track will be down for two to three days. A specific date will be identified by KA given to Mick who will then inform all appropriate UMD personnel.

KA 10. Relative to item no. 10 of the previous meeting minutes, questioned by the Contractor, Architect indicated that the white boards shall be high gloss. They are also asking for a sample of the white board. It is expected that these will be compatible with EXPO 1 or 2 markers.

KA 11. Relative to item no. 11 of the previous meeting minutes, existing building fire alarm check out inspections/testing will be scheduled for Spring Break, March 16 @ 9:00 am.

12. Concerning item no. 12 of the previous meeting minutes regarding the Poly-Urea floor coating product, John Rashid has requested this proposal request be voided.

UMD	13.	Relative to item no. 13 of the previous meeting minutes, Pat requested that the University secure the inserts for the gym floor at their earliest convenience. Greg will have these for the Contractor in April.
KA	14.	Concerning item no.14 of the previous meeting minutes regarding the coordination of the electrical fixtures and speakers relative to the climbing wall final design, a proposal request has been submitted on this issue. Greg Ewald questioned whether or not this is not a Contractors coordination issue as opposed to an Owners issue. This will be reviewed once the Contractors change order request is in hand
KA, UMD	15.	Relative to item no. 15 of the previous meeting minutes, again the additional Owner requested time and material electrical work is substantially complete except for work on DU4. This will be rescheduled.
All Contractors	16.	**Relative to item no. 17 of the previous meeting minutes, intumescent painting has just started. Wade instructed all contractors to stay clear of the intumescent paint. If it is touched or rubbed up against it's a major re-do and a blanket back charge will be assessed to all subcontractors if the guilty subcontractor is not identified.**
KA	17.	Relative to item no. 18 of the previous meeting minutes, the Contractor will be putting a sample plaster coat on the foundation of the ice arena for the Architects review and consideration. Also, Architect will look at the brick wall after the plastic has been removed to determine if detergent washing of this wall is necessary. The specification for the plaster skim coat has been issued by ASI.
RDG, KA	18.	Relative to item no. 19 of the previous meeting minutes, after the construction meeting the Architect and Contractor reviewed the decorative tube steel in front of the steel beams for the screen wall, climbing wall, and elevation 489. Kevin will be contacting the International Building Codes for interpretation. This issue is being discussed between RDG and the Contractor.
KA	19.	Relative to item no. 20 of the previous meeting minutes regarding the installation of temporary security cameras, Greg Ewald indicated the final selection of the six temporary locations will be up to the Contractor. Installation is scheduled for mid-March.
Greg Ewald	20.	Relative to item no. 22 of the previous meeting minutes regarding the commissioning kick-off meeting, Greg Ewald indicated that the kick-off meeting will be March 7, 2006, at 1:00 pm in the Sports & Health Room # 119. This meeting will take place prior to the weekly construction meeting.
RDG	21.	Pat Gallagher noted that the Contractor will be installing a railing system at Stair 240B per the Contract Documents. It is noted that unless specific direction is given to the Contractor by the construction meeting next week a compliant railing will be installed where currently indicated on the Plan and such railing will be abutting a currently non-Code complying railing system. This issue must be reviewed by RDG and responded to ***ASAP.***
KA	22.	The Nicros representative indicated he has been coordinating issues with KA regarding the bouldering and climbing wall. It was noted that the users likely will be requesting a third floor anchor be installed. This issue will need to be coordinated with both the structural engineer and Architect for structural and vapor barrier issues.
UMD	23.	There was a discussion regarding the shades in Mick's office. It was noted that the final design of the shade system will likely need to be in multiple sections in order to accommodate the full depth mullion system. This issue will be reviewed by the Owner as the project progresses.
	24.	Pat indicated that temporary enclosures will be removed in order to accommodate the installation of finishes within those areas. This will create a need for additional security considerations and coordination.

25. Pat Gallagher will be contacting the Commissioning Agent to begin discussing a training schedule for the mechanical/electrical systems.

UMD

26. Wade indicated that he will need a phone line installed in the elevator prior to any elevator inspections.

27. Roger Anderson presented a sample of the glazed base that is proposed to be used to match the existing glazed base. Architect approved the sample at this meeting.

RDG, SJA

28. Wade questioned the Architect on whether or not the Contract Documents require caulking of the underside of all of the pre-cast plank joints. Wade indicated that he has not been able to locate any requirements for such caulking and it is the Contractors intent to proceed with painting, without caulking these joints, unless notified to the contrary by the Architect.

SJA

29. Greg Ewald instructed the Architect to issue a proposal request to address RFI No. 96 regarding the need to change out 22 door holders in order to change the units to 24-volt devices so that the existing cabling can be used.

UMD, KA

30. Greg Ewald indicated the steam line work will be proceeding in June and will require coordination with KA's work.

31. Greg Ewald requested that a separate meeting be held with the General Contractor, UMD, and the electrical subcontractor in order to coordinate the routing of all of the various systems including the cable TV, fire alarm system, data/telecom, card access, and security cameras.

32. Wade noted that he will be on vacation for the week of March 13th.

All Contractors

33. **The next construction meeting will be held on Tuesday, February 28th, 2006 at 3:00 p.m at the job site.**

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.

Brian Morse, AIA
bsa

attachment- schedule

cc: via email except where noted

John Rashid, UMD
Greg Ewald, UMD
Bob Nielson, UMD
Chris Stevens, UMD
Mick McComber, UMD
Ron Holden, UofM **(hard copy)**
Scott Holm, UofM

Kevin Stubbs
John Hinzmann
Paul Johnson
Pat Gallagher
Rick Stanius
Brian Morse
File **(print)**

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Kraus-Anderson® Construction Company

Three Week Look Ahead Schedule

Sports & Health Center Addition

February 20, 2006

Contractor	Sun Feb 19	Mon Feb 20	Tues Feb 21	Wed Feb 22	Th Feb 23	Fri Feb 24	Sat Feb 25	Sun Feb 26	Mon Feb 27	Tues Feb 28	Wed March 1	Th March 2	Fri March 3	Sat March 4	Sun March 5	Mon March 6	Tues March 7	Wed March 8	Th March 9	Fri March 10	Sat March 11
Division 1 - General Requirements																					
Kraus-Anderson Construction																					
Guard rail systems																					
Parapet framing																					
Layout/prep/demo 2051 Area																					
Door hardware																					
Wood blocking at 153 Areas																					
Parapet framing at Gym roof - upcoming																					
UMD																					
Fire alarm walk-thru and testing - 3/16/06																					
Division 2 - Sitework																					
Nels Nelsons & Sons																					
Open sanitary for UMD in Ball Field - ongoing																					
Done until Spring																					
Short Elliot Hendrickson																					
Concrete Sawing Services																					
Wall cutting for Door 2051 (date not set yet)																					

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Division 3 - Concrete																					
TL Construction																					
Form/pour remaining stairs - ongoing																					
Ongoing cosmetic work																					
Pour stair at 29-2																					
Pour gym topping - upcoming																					
Division 3 - Precast Concrete																					
County Materials Corporation																					
All work complete																					
Division 4 - Masonry																					
Harbor City Masonry																					
Interior 8" block at Ground Floor - 95% complete																					
Brick above skylight - 100% on 2/17/06																					
CMU above 489' at RR grid line - complete/Infills at joists																					
Rubbing interior layed walls - ongoing																					
Interior CMU - ongoing																					
Brick at 26c																					
Elevator frames - upcoming																					
Brick at (RR)																					
Brick at (25B)																					
Precast sill - upcoming																					
Division 5 - Structural Steel																					
Duluth Steel Fabricators																					
Shop drawing for stairs - complete																					
Fab stairs 92Q																					
Miscellaneous metals detail																					
Miscellaneous fab (railings)																					
Aluminum railings fab work																					

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Red Cedar Steel Erectors																					
Stair 92 - upcoming																					
Stairs/miscellaneous - ongoing																					
Miscellaneous - ongoing																					
Gym joists/decking																					
Joists arrive																					
Install railing brackets																					
Install steel railings - upcoming																					
Division 6 - Wood and Plastics																					
St. Germains Casework Co.																					
Upcoming work																					
Division 7 - Thermal and Moisture Protection																					
Waterproofing by Experts																					
Vapor barrier at 29 - Done																					
The Jamar Company																					
Gym roof - upcoming																					
IFE&S																					
Start fireproofing																					
Spray complete																					
Interior ground floor																					
Interior Upper floor																					
Davis Contracting																					
Ongoing caulking at interior																					

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Division 8 - Doors & Windows																					
Northern Door & Hardware																					
Superior Glass, Inc.																					
Shop drawings for skylight back																					
Verify opening for skylight - DONE 1/18/06																					
Order/fabricate skylight																					
Install curtain walls - upcoming																					
Division 9 - Finishes																					
Bigelow Brothers Construction																					
Metal stud framing at Ground floor																					
Metal framing at 1st floor areas																					
Finishes at bathroom ceilings																					
Johnson's Carpet & Tile																					
Bathroom tile - upcoming																					
Flament-Hampshire, Inc.																					
Install/rough-in ceiling clouds																					
Kiefer Specialty Flooring, Inc.																					
Material ordered																					

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Division 15 - Mechanical																					
G. O'Brien Plumbing & Heating																					
Waste/vent ongoing rough-in 1st Floor																					
Domestic water piping ground floor																					
Ductwork install at Ground floor/insulate																					
Rain leaders to low roof - done																					
Install condensing pumps, hot water lines, chilled lines																					
Room 145 HVAC duct work - ongoing																					
Sprinkler piping at new addition																					
Training Room new work-done																					
Punch list items regarding sprinkler piping Phase II-done																					
Insulating ductwork and piping - ongoing																					
Roof drains (Gym) - upcoming																					
Division 16 - Electrical																					
API Electric																					
High voltage new feeds - ongoing																					
Rough-in (ongoing) for new addition CMU 489' - above																					
Start pulling home runs at ground floor																					
Install new feeds at 10C																					
Conduit rough-in at Stairway 70P																					
Ongoing rough-in at Ground Floor (general)																					
1st Floor ongoing rough-in																					
Temp security camera install - upcoming - mid March																					
Gym rough-in - nupcoming																					
Remove temp high voltage feeds																					
Rough-in for brick at RR																					
Fire alarm programming/cutovers with Simplex																					

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Jensen Decorating, Inc.																					
Painting mid-March																					
Division 10 - Specialties																					
Construction Supply, Inc.																					
Material ordered																					
Hartley Sales Company, Inc.																					
Material ordered																					
Division 11 - Equipment																					
H & B Specialized Products, Inc.																					
Field visit 2/17/06																					
Nicros																					
Start climbing wall framing																					
Division 14 - Conveying Systems																					
Minnesota Elevator Inc.																					
(End of January, 2006)																					
Visit site/field verify - done																					
Start installation																					