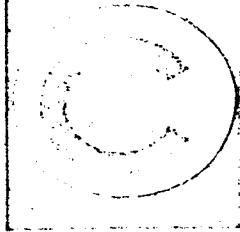


Campbell and Company



10800 Lyndale Avenue South ♦ Bloomington, Minnesota 55420

(612) 888-4742

Minutes of Schedule Management Meeting No. 1 4 February 1976

People in attendance:

R. P. Campbell	Campbell & Company	888-4742
G. Hamilton	Campbell & Company	888-4742
Gene Kogl	University of Minnesota	373-4522
George Welsch	Sandberg Erec.	227-6644
Dave Kudebeh	Crown Iron Works	781-3101
Dan Walgenbach	Sheehy Construction	
Ernest E. Johnson	Sheehy Construction	378-1381
Ken Frick	Sheehy Construction	488-6691
George Klein	Lamb P & H	335-9501
Jim Hastert	University of Minnesota	376-1393
Wally Mellum	University of Minnesota	376-1394
Jim Fallon	University of Minnesota	376-1395
Jim Culligan	Premier Electric	332-7393
Oliver Hughes	University of Minnesota	

Campbell opened the meeting, explaining the meetings were to be an overview of the job for all attending. Small individual items between contractors should be done after the meeting as not to drag out the meetings to great length. Anything to the benefit of all parties should be brought out. The following items were discussed at this meeting.

1. Campbell asked Johnson about parking. Johnson then in turn asked each contractor how many spaces they would desire. After taking a count, he said he would review and see how much space he could allow for parking for various people. A discussion was held if the church parking lot could be used for parking. Kogl stated it may be possible, but could not be used for storage.
2. Johnson stated the excavator would be removing ice from the hole this week if weather permits. The University of Minnesota has survey crews working. Sheehy has retained Wheeler and Tillet to do their layout work for them.
3. Campbell stated all subs pertinent to the job should attend these meetings when they are on the job and working.

4. The question of keys and distribution of keys for the various offices was brought up. Johnson stated he would put a lock on the front door which would have a master key for all people that have offices there. Kogl stated all others may key their own offices as they see fit.
5. Johnson wanted to know from Premier Electric when they would have power in the hole for hand tools as this would be essential for the forming of the footings. Culligan of Premier Electric wondered when they would want their temporary power other than just that for hand tools. Welsch of Sandberg said they would need by March 1st to run the welders and then later for the power crane. Culligan stated he has an on-line drawing for this which must be submitted.
6. Campbell questioned Walgenbach if steel erection was still scheduled for March 1st and it was answered in the affirmative.
7. The question was brought up if Knutson had started their work on the haunches. Kogl stated he had told Knutson they must be completed by the third week of February. Hughes stated he expects Knutson to perform their part of the work. Campbell says at what date if Knutson isn't performing, could you get somebody else to do it? Kogl stated, "We will talk to Phillips and pin them down as to when they will be completed with their work."
8. Crown Iron questions drawings on the escalator. They have no answer from the architects on the opening sizes at this point. Hughes said he would follow up on this with Westinghouse and with the architect for the drawings and get back to Crown Iron ASAP.
9. Crown Iron made a correction on Item 2 of the minutes of January 31, 1976, a meeting that took place at Sheehy's office. They do have all the steel fabricated for grid lines S31 to S32 for the 0 stack fabricated, but not for stacks 1, 2, etc.
10. Hughes explained that Commercial Steel, on their contract for ECS2 is not involved for the third deck in the "0" stack and it was Crown Iron's contract and that steel is fabricated.
11. Walgenbach stated they had no answer on the underpinning at this point. This will be brought up again with the architects and see if they cannot give him an answer.
12. Campbell asked whether there were any other questions or statements for this meeting, and if not, before each meeting, minutes of the last meeting would be passed out for review, and thanked all for attending.

CONSTRUCTION
MANAGEMENT
CONSULTANTS

Unit B/C - Construction Meeting Notes
RECEIVED

Campbell Company

FEB 18 1976

UNIV. OF MINN.
HEALTH SCIENCE
PLANNING OFFICE

10800 Lyndale Avenue South ♦ Bloomington, Minnesota 55420

(612) 888-4742

Minutes of Schedule Management Meeting #2
11 February 1976 -- 9:00 A.M.

People in Attendance:

D. Walgenbach	Sheehy Construction Co.
E. Johnson	Sheehy Construction Co.
R. Campbell	Campbell and Company
G. Hamilton	Campbell and Company
O. Hughes	University of Minnesota
J. Fallon	University of Minnesota
G. Kogl	University of Minnesota
George Klein	Lamb Plumbing and Heating
Greg Kujawa	University Hospitals
Bob Olson	Crown Iron
D. Carlson	HSAE
Duane Blanchard	HSAE
Wally Mellum	University of Minnesota
Paul Maupin	HSOP
John Scott	TAC
Jim Hustet	University of Minnesota

Premier Electric Company -- Absent

Campbell opened meeting stating that meetings would be short and to the point and again reminding all that unless something pertained to all, talk about it after the meeting.

Review of last week's minutes:

Item 1 - Johnson stated signs had been made and the area along the west side of the house was for parking.

Item 2 - Johnson stated the U. of M. has given final grid points and their layout people had started. The excavator has equipment in the hole and is ready to start. Knutson Construction has started work on the haunches.

Item 3 - Hughes feels Commercial Steel should be involved with these meetings in the near future. He will notify them to start attending.

Minutes of Schedule Management Meeting #2
11 February 1976 -- 9:00 A.M.
Page Two.

Item 4 - Johnson states the temp. elect. has not been put in as of this date.

Item 5 - Campbell stated that a rough schedule would be run this week and no fireproofing meeting would be held till after the schedule was reviewed.

Item 6 - Carlson stated the information from Westinghouse on the escalator should be in today. Johnson would like the size of the pit opening. Carlson told Johnson he should get this from Westinghouse.

Item 7 - Campbell told Hamilton that a meeting with Commercial Steel regarding scheduling should be set up in near future.

Item 8 - Hughes would like the telephone company involved with the scheduling meetings in the near future.

Item 9 - Carlson stated the under-pinning should be resolved today. Blanchard said the plans are the same as a month ago and were just being refined. After a discussion on why the plans were necessary, Kogl stated for scheduling purposes to go ahead and figure the underpinning with the new plans.

Item 10 - Johnson wondered when the "Arkay" lot would be cleared. Hughes will look into this.

Item 11 - Blanchard stated the mix design for the exposed aggregate concrete had been approved.

Item 12 - Hughes noted that the design load for the roof of Mayo Garage was 300#/S.F.

Item 13 - Blanchard noted that with the acquisition of the church parking lot, it could make a change to Delaware design. He also wondered what type of timing this would have on B/C scheduling as it also involves other projects. Maupin stated to proceed as if they had the property. *problem date May 1 to May 20 - 76*

Item 14 - Carlson stated all addendums will be put in a more readable form and sent to the prime contractors.

Campbell asked if there was any further discussion.

No representative of the Electrical Contractor was present.

Next schedule management meeting -- 18 Feb. 1976, 0900 at Field Office.

CONSTRUCTION COMPANY

360 WEST LARPEN TEUR AVE. •

• PHONE: 488-6691

Minutes of B.C. Job Meeting #3
18 February 1976 -- 9:00 A.M.

People in Attendance:

G. Hamilton
R.P. Campbell
O. Hughes
Paul Maupin
G. Kogl
J. Fallon
Greg Kujawa
Ken Fick
Dick Carlson
Duane Blanchard
Dave Kudebeh
Wally Mellum
George Klein
Ernie Johnson
Dan Walgenbach
Jim Hastert
Jim Culligan
Bob Willis
John Scott

Campbell and Company
Campbell and Company
University of Minnesota
HSPO
University of Minnesota
University of Minnesota
University Hospitals
Sheehy Construction Co.
HSAE
HSAE
Crown Iron
University of Minnesota
Lamb Plumbing and Heating
Sheehy Construction Co.
Sheehy Construction Co.
University of Minnesota
Premier Electric Company
Premier Electric Company
TAC

Review of last weeks minutes:

Item 1 - Westinghouse to meet with Sheehy for information on the Elevator pit.

Item 2 - Campbell stated a rough schedule of the building skin will be run week of February 27, 1976.

Item 3 - Hughs stated that in 2 weeks Arkay and Harris will move their trailers from the lot by K&E if parking privileges will be granted.

AMS

Item 4 - Temporary electric in. 1200 AMP service will be in March 15 according to Culligan of Premier Electric.

Item 5 - New underpinning drawings have been received by the various contractors.

Item 6 - Remodel of the existing air shaft will be done by Sheehy between May 1st and May 20th.

Item 7 - Shop drawings and erection drawings from Crown Iron are not complete. Crown will supply information to where drawings apply.

Item 8 - Johnson-stated there is an early steel tie in on grid E-18 regarding steel package 1 and 2.

Item 9 - Campbell-asked if the noise and vibration level will be rising. The answer was affirmative.

Item 10 - Kogl requested that he be kept informed of equipment being used or contemplated and added that vibration is the more serious problem.

Item 11 - Maupin stated noise and vibration levels are OK now.

Item 12 - Johnson, Knutson-will be finished with haunches Friday, February 20th. Kogl-existing anchor bolts are not satisfactory. Suggested Sheehy resolve the problem and submit costs to him.

Item 13 - Difficulty with church lot and also with parking in front of gate at V.F.W. Gene suggests Sheehy get a use of street permit and close off the east end of Delaware.

Item 14 - Kogl, U of M and HSAE to be copied on all communications between prime contractors.

Item 15 - Blanchard-modifications procedures to be similar to A or K & E.

Item 16 - Kogl-If a time extension is granted to one prime it will be extended to all primes. Time extensions will be examined to see if they effect the entire finish of the project or a portion of the work which has lag time.

Item 17 - Carlson- request site plan be posted on wall for orientation during meetings. Jim Fallon will do this as well as post a calendar.

Next meeting is 11 AM Friday, February 27th.

Unit B/C - Construction

RECEIVED

MAR 3 1976

UNIV. OF MINN.
HEALTH SCIENCE
MIDWINTER OFFICE



SHEEHY
CONSTRUCTION COMPANY

360 WEST LARPEUR AVE. • ST. PAUL, MINNESOTA 55101 • PHONE: 488-6691

March 1, 1976

Minutes Of B/C Job Meeting #4
February 27, 1976

People in Attendance:

Dan Walgenbach
Ernie Johnson
Ken Fick
John Roettger
George Klein
Bob Peters
Ed Noreen
Greg Kujawa
O. W. Hughes
Duane Blanchard
Dick Carlson
George Welsch
~~Bob [redacted]~~
R. P. Campbell
Jim Culligan
Bob Wills
John Scott (not present)

Sheehy Construction Company
Sheehy Construction Company
Sheehy Construction Company
Sheehy Construction Company
Lamb Plumbing & Heating
Crown Iron Works
Commercial Steel
University Hospitals
University Hospitals
H.S.A.E.
H.S.A.E.
N. H. Sandberg
~~[redacted]~~
Campbell & Company
Premier Electric Co.
Premier Electric Co.
TAC

Review of last weeks minutes:

Campbell - A review of schedule passed around today. Suggests a Saturday morning meeting in about two weeks for information and logic.

Blanchard - There will be a format for modifications given to the prime contractors after the U. of M. has given the form its approval.

Minutes of B/C Job Meeting #4

February 27, 1976

Page 2

Fick - Announced John Roettger will be Superintendent as of Tuesday.

Item 1 - Fick requested any alternates that are to be accepted by the deadline of March 31st be given to the contractors as soon as possible.

Item 2 - Fick asked when the bids for hardware were going out. Carlson said they would be asking for bids about the middle of March.

Item 3 - Johnson said steel would be started to set on Monday.

Item 4 - Campbell - suggested that Sheehy give a report of next weeks activities so all primes can get their work scheduled.

Item 5 - Johnson said pads on sleeves by mechanical or electrical will be their responsibility for layout.

Item 6 - Crown Iron - Escalator beam 155A has not been released. Either it has to be field drilled or they need information one day in advance for shipping.

Item 7 - Hughes asked for a spot for a dumpster on the K.E. lot for later U. of M. use. Permission has been given by Walgenbach & Johnson.

Item 8 - Fick has a hold on waterproofing and lightweight concrete fill until he received directions from U. of M.

Item 9 - Ed Noreen, Commercial, has hold second floor steel at southwest corner of C because of revision. Blanchard said he was holding pending information from U. of M.

Item 10 - Wills inquired when the 8' opening would be cut in Unit A. Walgenbach replied it would be done sometime next week.

Item 11 - Blanchard stated that Crown Iron asked for a change on the type of deck to be used. He also said Crown had told him they had contacted all the prime contractors for their reaction to the change. Evidently this was not done because Sheehy, Lamb and Premier had not given Crown the authority to change. Blanchard stated that Crown was totally responsible, any consequences caused by the premature change. Each prime contractor was going to evaluate their situation and get back to Crown.

Item 12 - Carlson - Needs sub and material lists from prime contractors.



SHEEHY
CONSTRUCTION COMPANY

360 WEST LARPEN TEUR AVE. • ST. PAUL, MINNESOTA 55101 • PHONE: 488-6691

Minutes of B.C. Job Meeting #3
18 February 1976 -- 9:00 A.M.

People in Attendance:

G. Hamilton	Campbell and Company
R.P. Campbell	Campbell and Company
O. Hughes	University of Minnesota
Paul Maupin	HSPO
G. Kogl	University of Minnesota
J. Fallon	University of Minnesota
Greg Kujawa	University Hospitals
Ken Fick	Sheehy Construction Co.
Dick Carlson	HSAE
Duane Blanchard	HSAE
Dave Kudebeh	Crown Iron
Wally Mellum	University of Minnesota
George Klein	Lamb Plumbing and Heating
Ernie Johnson	Sheehy Construction Co.
Dan Walgenbach	Sheehy Construction Co.
Jim Hastert	University of Minnesota
Jim Culligan	Premier Electric Company
Bob Willis	Premier Electric Company
John Scott	TAC

Review of last weeks minutes:

Item 1 - Westinghouse to meet with Sheehy for information on the Elevator pit.

Item 2 - Campbell stated a rough schedule of the building skin will be run week of February 27, 1976.

Item 3 - Hughs stated that in 2 weeks Arkay and Harris will move their trailers from the lot by K&E if parking privileges will be granted.

Item 4 - Temporary electric in. 1200 AMP service will be in March 15 according to Culligan of Premier Electric.

Item 5 - New underpinning drawings have been received by the various contractors.

Item 6 - Remodel of the existing air shaft will be done by Sheehy between May 1st and May 20th.

Item 7 - Shop drawings and erection drawings from Crown Iron are not complete. Crown will supply information to where drawings apply.

Item 8 - Johnson-stated there is an early steel tie in on grid E-18 regarding steel package 1 and 2.

Item 9 - Campbell-asked if the noise and vibration level will be rising. The answer was affirmative.

Item 10 - Kogl requested that he be kept informed of equipment being used or contemplated and added that vibration is the more serious problem.

Item 11 - Maupin stated noise and vibration levels are OK now.

Item 12 - Johnson, Knutson-will be finished with haunches Friday, February 20th. Kogl-existing anchor bolts are not satisfactory. Suggested Sheehy resolve the problem and submit costs to him.

Item 13 - Difficulty with church lot and also with parking in front of gate at V.F.W. Gene suggests Sheehy get a use of street permit and close off the east end of Delaware.

Item 14 - Kogl, U of M and HSAE to be copied on all communications between prime contractors.

Item 15 - Blanchard-modifications procedures to be similar to A or K & E.

Item 16 - Kogl-If a time extension is granted to one prime it will be extended to all primes. Time extensions will be examined to see if they effect the entire finish of the project or a portion of the work which has lag time.

Item 17 - Carlson- request site plan be posted on wall for orientation during meetings. Jim Fallon will do this as well as post a calendar.

Next meeting is 11 AM Friday, February 27th.

CONSTRUCTION COMPANY

360 WEST LARPEUR AVE. •

• PHONE: 488-6691

Minutes of B.C. Job Meeting #5
March 5, 1976

People in Attendance:

O.W. Hughes	University of Minnesota
Paul Maupin	University of Minnesota
Wally Mellum	University of Minnesota
Jim Hastert	University of Minnesota
Paul Kopietz	University of Minnesota
Gene Kogl	University of Minnesota
Jim Fallon ✓	University of Minnesota
Ken Fick	Sheehy Construction Company
George Klein	Lamb Plumbing & Heating
Greg Kujawa	University Hospitals
Dick Carlson	H.S.A.E.
Gene Hamilton	Campbell and Company
Bob Willis	Premier Electric
R.P. Campbell	Campbell and Company
Dan Walgenbach	Sheehy Construction Company
John Scott	TAC
Duane Blanchard	H.S.A.E.
John Roettger	Sheehy Construction Company

Corrections to meeting notes of February 27, 1976:

Item 5 - Word between "pads" and sleeves is to be "or" not "on".

Item 8 - "Lightweight concrete fill" should read "all weather crete" instead.

Item 2 - Carlson - Hardware bids are due March 19, 2 pm.

Item 6 - Carlson - Beam 155A was released February 6 - all escalator beams were released February 17.

Item 9 - Correction - change "south west corner" to "south east corner"

End of corrections.

Item 1 - Carlson- Alternates reinstated are:

- M-2 - omit chiller
- E-2 - omit chiller
- M-16 - Heat recovery system
- E-16 - Heat recovery system

NOT STARTED
YET

Item 2 - Hughes - Needs clarification of electrical alternates 24 & 25.

Item 3 - Carlson - There will be a letter from architect on status of all alternates.

Item 4 - Carlson - Questioned status of Mod 5-E. He needs the information as soon as possible.

NOT READY @ 3-12-76

Item 5 - Hughes - Crown Iron is going to furnish deck that was originally specified. NO DRAWINGS OR TABS

Item 6 - Carlson - Crown Iron has to ~~resubmit~~ certain drawings for final approval. FINAL SUBMISSION

Item 7 - Fick - Asked status of waterproofing information. Kogel answered that information would be forthcoming next week.

Item 8 - Roettger - work items for coming week:

- A. Cutting ⁴¹ openings in unit A.
- B. Wall on E-1 will be poured Monday or Tuesday.
- C. Structural in stock 0 will be in place next week.
- D. Structural in stock 1 will possibly get started next week.
- E. Excavator working on elevator pits in stock 1.
- F. Pockets and haunches need repair. Sheehy is repairing and keeping track of costs. Hughes to get labor cost reports weekly. Knutson claims elevation of beam pockets was changed. Jack Larsen will check. Jack Larsen will advise Sheehy on method and material for repair of beam pockets.
- G. Sheehy will look into what can be done to improve condition of parking lot as frost comes out of ground.

Item 9 - Mellum - Needs diagram from Premier on temporary power.

Item 10 - Mellum - Premier needs approval for temporary main switch in unit A.

Item 11 - Hamilton - Request when Sheehy gives work for the upcoming week to do it by work item #'s off the printout.

2ND 6th

12th Floor Cav. Rm

MPLS A.C.

Item 12 - Seminar, Saturday-March 13, possibly at the Deetholon Club. This seminar is for all prime contractors and major subcontractors as well as any others interested in reading CPM printouts.

Item 13 - Wills - requests to use the west half of stack 0 for temporary storage. Roettger said he would co-ordinate the area with him.

Item 14 - Kogl - all storage area to be assigned by Reottger. ^{QUALIFIED} ^{COORDINATED}

Item 15 - Kogl - will bring the status of all negotiated items up to date next week.

Item 16 - Kogl - asked the status of prime coating the elevator door frames. Carlson replied that the A & E would permit field painting but at no extra cost to the U of M.

Item 17 - Hughes - stated that Westinghouse and Crown Iron should attend weekly meetings and that he will contact them.

Item 18 - Hastert - stated that in the 8' opening there is an acid waste line that has to be protected.

Item 19 - Wills - asked Lamb for a target date for perimeter drain lines. Klein will give Wills an answer.

Item 20 - Carlson - Mod E-5 also affects this perimeter drain and he needs information from Sheehy.

Item 21 - Campbell - compliments the prime contractors on their effort in putting together the schedule and asked for more of the same in the future.

Item 22 - Fallon - asked Sheehy what their lock status was, Fick replied he would check. ^{WILL CHECK}

Item 23 - Hughes - needs weekly report on labor force and he needs emergency telephone numbers from the prime contractors.

Item 24 - Carlson - stated a format on samples and color selection was forth coming. ^{3-5-76 BY H.S.A.E.}

SHEEHY CONSTRUCTION COMPANY

360 WEST LARPEUR AVE. • ST. PAUL, MINNESOTA 55113 • PHONE: 488-6691

Minutes of BC Job Meeting #6
March 12, 1976

People in Attendance:

Dan Walgenbach	Sheehy Construction Company
R.P. Campbell	Campbell & Company
Gene Kogl	University of Minnesota
Earl Romner	Westinghouse Elevator
Bob Wills	Premier Electric
John Bellair	Premier Electric
Bob Swanson	University of Minnesota H.S.P.O.
Greg Kujawa	University Hospitals
O.W. Hughes	University of Minnesota
Dick Carlson	H.S.A.E.
Duane E. Blanchard	H.S.A.E.
George Klein	Hayws Cont.
Ray Anderson	Hayes Cont.
Wally Mellum	University of Minnesota
Bob Olson	Crown Iron
Ken Fick	Sheehy Construction Company
John E. Roettger	Sheehy Construction Company
Jim Fallon	University of Minnesota
Jim Hastert	University of Minnesota
Paul Kopietz	University of Minnesota

Review of minutes of meeting #5:

Item 3 - Carlson - a memo is being prepared for status of alternates.

Item 4 - Carlson- needs information of Mod 5-E. Fick said it would be submitted next week.

Item 7 - Fick requested information on waterproofing. Kogl replied he is waiting on information from Chicago.

Item 9 & 10 - Bellair - Premier will submit items for approval March 12, 1976.

Item 14 - Correction - Kogl "assigned" to be changed to "co-ordinated".

Item 15 - Kogl - will set up meetings on negotiated items next week.

Item 16 - Blanchard asked if the prime coat on elevator doors and frames is suitable for field painting, Romner replied that it is suitable and said that if color selection is made by April 1st, the doors and frames could be factory painted. Blanchard stated that the modification would be at no cost and made out to Westinghouse and they should co-ordinate with Sheehy to get the items painted. Romner replied that Westinghouse could not accept that type of modification. Kogl suggested that Fick and Palm co-ordinate this.

Item 17 - Hughes stated that he will call Crown and Westinghouse and advise them on what job meetings to attend.

Item 24 - Fick stated the locks had been shipped wrong twice and he would check on them again.

End of Corrections and revisions.

New Items

1. Fick asked if there was a certain date the U of M needed pay requests. Kogl replied that it made no difference.
2. Fick advised Crown Iron that there were no hanger tabs shipped with the deck and placement drawings are also needed. Olson will get information and contact Sheehy.
3. Reottger - work for up coming week:
 - A. Knock out panels will continue.
 - B. Work item 1-1200 footings in stack 0 complete.
 - C. Work item 1-1210 footings in stack 1 will continue.
 - D. Work item 1-1220 footings in stack 2 will continue.
 - E. Work item 1-1230 remove ramp to start putting footings in stack 3.
 - F. Work items 1-2010 3 Cassons will be poured next week. Tri State has to submit a drawing for sleeving tie backs to Jack Larson for approval.
 - G. Work item 1-2110 Foundation wall on E-1 will continue and also start wall on E-18.

- H. Work item 1-3110 Sheehy to start forming 1st floor structural slab on Monday.
- I. Work item 1-1600 will start installing metal deck as soon as hanger tabs and drawings are received.
- J. Work item 1-1600 Plan to blast rock from elevator pits. Kogl-has the hospital been alerted? Hughes replied they have been notified.

Item 4 - Mellum - The staff of Unit A has been complaining that the cores and vaults are being used for storage and activities other than work items. Hughes reiterated that only authorized personnel should be in these areas and to keep to the construction limits.

Item 5 - Wills stated that the staff of A should expect a certain amount of activity in Unit A and that it would be kept to as low a level as possible but the staff should use common sense before they complain, Mellum agreed.

Item 6 - Kogl asked for a site and building control policy. Walgenbach will comply.

Item 7 - Blanchard asked what method Sheehy planned to use on pouring level 2, where quarry tile was removed by alternate G-8. Blanchard feels there might be a structural problem if a single pour is used in lieu of a rough pour and topping. Fick replied that Sheehy is planning a single pour and asked Blanchard to investigate that matter at once if the alternate is not reinstated. Kogl said the U of M will have information on the alternates March 19, 1976.

Item 8 - Carlson stated he had not received certain primes subcontractors and suppliers lists.

Item 9 - Kogl told all primes to get their submittals up to date and comply with the specification.

Item 10 - Hughes - when prime contractors submit their pay applications, they have to have payroll reports from their subcontractors as well as from themselves.

Item 11 - Hughes needs pay estimate breakdown from Mechanical and Electrical and warned that they should be at least 2 weeks in advance of their first estimate.

Minutes of BC Job Meeting #6
March 12, 1976
Page four

Item 12 - Campbell- there will be an update of the schedule for Saturday but the complete schedule will not be out till April 1st.

Item 13 - Fallon - received some drawings from Crown Iron that were stamped "Not for construction" and he advised that he will not accept any stamped that way. Blanchard will check on these particular drawings.

C CONSTRUCTION COMPANY

360 WEST LARPEUR AVE. •

• PHONE: 488-6691

Minutes of B.C. Job Meeting #5
March 5, 1976

People in Attendance:

O.W. Hughes ✓	University of Minnesota
Paul Maupin	University of Minnesota
Wally Mellum	University of Minnesota
Jim Hastert	University of Minnesota
Paul Kopietz	University of Minnesota
Gene Kogl	University of Minnesota
Jim Fallon	University of Minnesota
Ken Fick	Sheehy Construction Company
George Klein	Lamb Plumbing & Heating
Greg Kujawa	University Hospitals
Dick Carlson	H.S.A.E.
Gene Hamilton	Campbell and Company
Bob Willis	Premier Electric
R.P. Campbell	Campbell and Company
Dan Walgenbach	Sheehy Construction Company
John Scott	TAC
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Item 9 - Correction - change "south west corner" to "south east corner"

End of corrections.

Minutes of B/C Job Meeting #5

March 5, 1976

Page 2

Item 1 - Carlson - Alternates reinstated are:

- M-2 - omit chiller
- E-2 - omit chiller
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Item 2 - Hughes - Needs clarification of electrical alternates 24 & 25.

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- G. Sheehy will look into what can be done to improve condition of parking lot as frost comes out of ground.

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Item 10 - Mellum - Premier needs approval for temporary main switch in unit A.

Item 11 - Hamilton - Request when Sheehy gives work for the upcoming week to do it by work item #'s off the printout.

Mpls Athl.

0900

Cavalier 12th fl

Item 12 - Seminar, Saturday-March 13, possibly at the ~~Decathlon~~ Club. This seminar is for all prime contractors and major subcontractors as well as any others interested in reading CPM printouts.

Item 13 - Wills - requests to use the west half of stack 0 for temporary storage. Roettger said he would co-ordinate the area with him.

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Item 15 - Kogl - will bring the status of all negotiated items up to date next week.

Item 16 - Kogl - asked the status of prime coating the elevator door frames. Carlson replied that the A & E would permit field painting but at no extra cost to the U of M.

Item 17 - Hughes - stated that Westinghouse and Crown Iron should attend weekly meetings and that he will contact them.

Item 18 - Hastert - stated that in the 8' opening there is an acid waste line that has to be protected.

Item 19 - Wills - asked Lamb for a target date for perimeter drain lines. Klein will give Wills an answer.

Item 20 - Carlson - Mod ~~5-5~~ ^{5-E} also affects this perimeter drain and he needs information from Sheehy.

Item 21 - Campbell- compliments the prime contractors on their effort in putting together the schedule and asked for more of the same in the future.

Item 22 - Fallon - asked Sheehy what their lock status was, Fick replied he would check.

Item 23 - Hughes - needs weekly report on labor force and he needs emergency telephone numbers from the prime contractors.

Item 24 - Carlson - stated a format on samples and color selection was forth coming.



SHEEHY CONSTRUCTION COMPANY

360 WEST LARPEUR AVE. • ST. PAUL, MINNESOTA 55113 • PHONE: 488-6691

Minutes of BC Job Meeting #7
March 19, 1976

People in Attendance:

Dan Walgenbach	Sheehy Construction Company
W. Wymore	Campbell & Company
R.P. Campbell	Campbell & Company
Duane E. Blanchard	H.S.A.E.
Dick Carlson	H.S.A.E.
Greg Kujawa	University Hospitals
Bob Swanson	University H.S.P.O.
O.W. Hughes ✓	University of Minnesota
George Klein	Hayes Const.
George Welsch	Sandberg Erection
Bob Olson	Crown Iron
Ray Anderson	Hayes Const.
John Roettger	Sheehy Construction Company
Ken Fick	Sheehy Construction Company
Jim Culligan	Premier Electric
Bob Wills	Premier Electric
Jim Hastert	University of Minnesota
Wally Mellum	University of Minnesota
* Gene Kogl	University of Minnesota
Jim Fallon	University of Minnesota
* Paul Kopietz	University of Minnesota
Ed Palm	Westinghouse

* Not Present

Review of last week's notes:

Item 3 - Carlson - memo on alternates given to primes.

Item 4 - Mod 5-E turned into architect by Sheehy.

Item 7 - Fick advised U of M that a decision on the water-proofing is needed soon.

Item 10 - Fick asked for color selection on elevators by April 1st. Blanchard replied there is no way this decision will be reached by then.

Item 24 - Fick - locks should be here by next Friday, hopefully.

Item 1 - Fick thanked the U of M for the quick turn around on the pay request. Hughes replied that this should be done in about 15 days.

Item 3-J. - Kujawa asked if there would be anymore blasting. Roettger replied he would know by Monday.

Item 3-F. - Check on drawings from Tri-State on Caissons.

Item 6 - Walgenbach will have a site security format next week.

Item 7 - Blanchard - a single pour on deck is structurally sound and ok if alt. #G-8 is not reinstated.

Item 8 - Carlson - needs submittals from Lamb and Premier. Lamb will provide some today and complete in two weeks. Premier needs 1 month to get their submittals in.

New Business:

Item 1 - Roettger - Item 1-110 rock excavation will continue. Delay is 2 weeks in stack 1 account elevator pits.

1-1220 - will complete pads today. Will skip stack 1 and start iron in stack 2 next week.

1-1240 - we are now excavating.

1-1400 - item complete.

1-1440 - pouring footings in stack 4 will complete next week.

1-1600 - steel erection in stack 0 will be finished today. Will have to bolt and weld next week.

1-2110 - wall pour to S-32 today.

1-3100 - Setting structural 1st floor deck. Rebar next week will pour about the 1st of April. Grids S25 to S32 and E1 to E13.

1-3300 - second floor deck can start anytime.

1-3020 - complete-working on large knockouts to continue next week.

Item 2 - Hughes asked when will we know how extensive the damage was due to blasting. Roettger - we should know Monday.

Item 3 - Swanson - alternates to be reinstated: E-15, G-7, G-12.

Item 4 - Carlson - H.S.A.E. will assist partition layout. Roettger-Sheehy will have a meeting with interested parties to determine best method to follow.

Minutes of BC Job Meeting #7
March 19, 1976
Page three

Item 5 - Carlson - asked Lamb for status of Mod 2-D.
Klein-sent back yesterday.

Item 6 - Wills - needs demands for main electrical service. Power will be in the hole in 2 weeks. All contractors to give power demands to Wills. Wills stated that 2 elevators cannot be run off of the temporary power under the size of the presently prescribed service with all of the loads there will be. Fick asked if there could not be a built-in reserve. The temporary power is to be 480 Volt, 3 Phase, 1200 AMP. Mellum says there should be six disconnects on the service. Mellum - temporary electrical power should be put in as per specifications and plans.

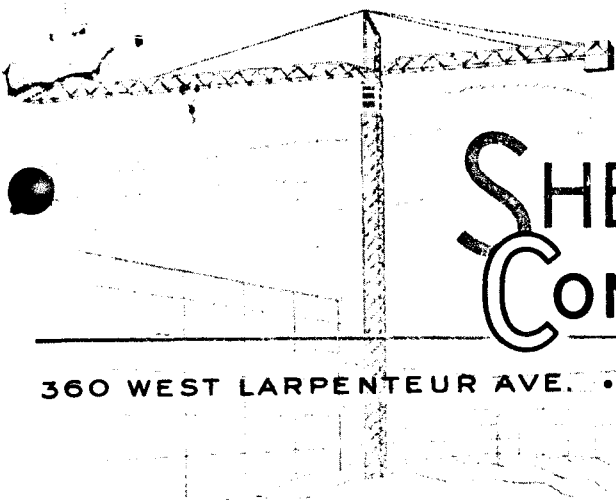
Item 7 - Mellum - ~~permits~~ ^{permits} are needed for electrical work on campus. If other contractors than Premier are used, they must have permits.

Item 8 - Campbell - What is a bar chart?

Item 9 - Campbell - Good job so far in reacting to problems.

- Steele - 45 da @ VFW
- 2 loads furniture to Mayo
- Space trucks on Harvard
- School start Mon. Mar 29
- Use of printout at meetings; more description in minutes.
- Sup'ts meetings, ^{Mark copies to be distrib. by OWH} (1100 thru)

- Braun - Nelson studs
- Check slab CJ, 1st fl.
- Carlson: Ramp in Mech. Rm, Unit A
- Proceed w/ 1st fl. radiology as dictated by progress



SHEEHY CONSTRUCTION COMPANY

360 WEST LARPEUR AVE. • ST. PAUL, MINNESOTA 55113 • PHONE: 488-6691

March 19, 1976
Unit B/C
Health Sciences Expansion
611 Delaware St. S.E.
Minneapolis MN

Minutes of meeting with Hamilton Industries, Inc.
from 1:00 pm to 3:10 pm on March 16, 1976

Present:

A.J. Perry	Hamilton Industries, Inc.
C.W. Altmann	Hamilton Industries, Inc.
Bob Sullivan	Hamilton Industries, Inc.
Darrell Turnock	Haldeman-Homme, Inc.
W.J. Homme	Haldeman-Homme, Inc.
Dan Walgenbach	Sheehy Construction Company
Ken Fick	Sheehy Construction Company
O.W. Hughes ✓	University of Minnesota
Bill Wymore	Campbell & Company
R.P. Campbell	Campbell & Company
E.A. Kogl	University of Minnesota

1. Sheehy assured Hamilton vertical transportation will be available - either elevator or hoist.
2. Altmann states that about two-thirds of the Hamilton work is below the 4th floor; most above that is on floors 9, 11, & 12.
3. Sheehy concrete pours will be 1 E, (east) 2E, 3E, 4E, 5E, etc. all the way up to the top on B/C. Basement E will be in about August and 1W (west) in about December.
4. Hamilton engineering has about 18 weeks to prepare shop drawings, Since E1 will be poured by Sheehy around April 1, this is the critical slab for Hamilton to investigate quickly to determine sleeving locations and other requirements since progress schedule does not permit delay in pouring.
5. Concrete pour in 1E (grids S25 to S32) will probably be from E1 to E10 for first pour and E10 to E18 for second pour 3 or 4 days later.

March 19, 1976

Unit B/C

Minutes of Meeting with Hamilton Industries, Inc.

6. "(Hamilton) Engineering must meet Sheehy concrete pouring schedule" - C. Altmann.
7. There will be a total of about 11-12 truckloads of casework from Hamilton.
8. Hamilton can back up production schedule after production starts but doesn't want to advance it after that point.
9. Hamilton needs 18-20 weeks after final shop drawings for manufacturing. It appears as though February 1, 1977, is a feasible date for commencement of installation barring unforeseen delays. 131 days is approximate total erection time required. C.R.Tunison Co. (Milwaukee) will be the installer.
10. Campbell says CPM printout will be updated at least once monthly if appropriate.
11. If standard finish and plastic laminate colors and patterns are selected, Hamilton needs them by September 1, 1976. If colors are not standard (unless Unit 'A' color is used) they want color selection by August 1, 1976. Mr. Kogl states these requirements are more stringent and do not agree with commitments Hamilton made at pre-qualification meeting with owner.
12. Hamilton drawings will clearly show location of studs for wall-mounted items so that Poppenberger can comply.
13. Mr. Kogl stated he would try to have a standard color or the Unit 'A' color selected for the B/C work.
14. Next meeting involving Hamilton may be at architect's office to establish a format for their shop drawing approvals and to secure approval of the critical rough-in drawings for the first, 1st floor east concrete pour.

SHEEHY CONSTRUCTION COMPANY

cc: H.S.A.E. - Dick Carlson
John Roettger

SHEEHY CONSTRUCTION COMPANY

360 WEST LARPEUR AVE. • ST. PAUL, MINNESOTA 55113 • PHONE: 488-6691

Minutes of BC Job Meeting #8
March 26, 1976

People in Attendance:

Dan Walgenbach	Sheehy Construction Company
W. Wymore	Campbell & Company
Jim Culligan	Premier Electric
Bob Wills	Premier Electric
Dick Carlson	H.S.A.E.
Duane E. Blanchard	H.S.A.E.
Bob Swanson	U of M H.S.P.O.
Greg Kujawa	University Hospitals
Gene Kogl	University of Minnesota
O.W. Hughes ✓	University of Minnesota
George Klein	Hayes Contractors
Ray Anderson	Hayes Const.
Bob Olson	Crown Iron
George Welsch	Sandberg Erection
Ken Fick	Sheehy Construction Company
James Fallon	University of Minnesota
*Paul Kopietz	University of Minnesota
*Paul Maupin	University of Minnesota
John E. Roettger	Sheehy Construction Company
Jim Hastert	University of Minnesota
Wally Mellum	University of Minnesota

*Not Present

Corrections of last weeks minutes:

Item 7 - Mellum - Delete the work "permit" where it is used the second time and add "request for electrical inspection forms."

Fick - There will be a meeting on waterproofing Monday with Sheehy, U of M and certain subcontractors.

Blanchard - Assume alternate G-8 will not be reinstated.

Item 8 - Carlson - Premier has a partial submittal list in.

Lamb turned their list in Friday, ~~March 26~~, 1976.

Apr 1

Item 6 - Wills - Premier requests all contractors to put their power requests in writing to its office.
Kogl - Requests that a meeting be called and the lists submitted at that time.

New Business:

Item 1 - Fick - asked when a decision would be made on a hardware supplier. Kogl - Straughn Hardware was selected.

Item 2 - Fick - what time schedule is reasonable for a turn around of shop drawings. ^{Sargent} Blanchard - The architect will expedite any drawing that is assigned a priority by the contractors. ~~that is assigned~~

Item 3 - Fick - catwalk drawings by miscellaneous metals are being held by the ventilation subcontractor because of space difficulties. This must be resolved.

Hastert - a letter from O'Brien Sheet Metal to the prime contractors in this problem will be received on Monday.

Next wk
~~Carlson~~ - if this does not settle the problem then a meeting with interested parties at the HSAE office will be called.

Item 4 - Roettger:

Item 1-110 - Rock excavation in the elevator pit will be complete on Monday. Footings will be poured today. Start work on the sump next week.

Item 1-240 - Stack 4 footings will be complete Monday

Item 1-1260-80 - Excavation and footings will continue in stacks 5 and 6.

Item 1-1430 - Pouring footings in stack 3 will be complete today.

Item 1-1440 - Pouring footings in stack 4 will be complete Monday.

Item 1-1450 - Will be pouring footings in stack 5 thru next week.

Item 1-1610 - Structural steel in stack 1 to start Monday.

Item 1-1620 - Stack 2 structural will continue to 3rd floor level.

Item 1-2030 - Need underpinning decision.

Item 1-2110 - will pour foundation wall on E1 and on E-13, on Wednesday. Will try to make a pour on the first structural slab grids S-25 to S-32 and EW to E-13 on Friday.

Item 5 - Wymore - Will have schedule on or about April 1.

Is a manpower resource necessary?

Kogel - would like to have one to help regulate the project.

Item 6 - Walgenbach - what is status on the radiology rooms in stack 0 and 3?

Blanchard - put it in as per plans and specifications.

Item 7 - Klein - Lamb is cutting in 8" water line on E-18 to E-25. Sleeving 1st structural slab. Have checked unit A inverts, will start rock excavation next week.

Item 8 - Hughes - Steele Construction will be utilizing alley between VFW & Diehl Hall next week. We may have to coordinate when Sandberg moves his crane into this area.

Item 9 - Hughes - Park will have to space trucks so they do not tie up traffic.

Item 10 - Hughes - Thursday at 11 o'clock is a superintendent and foreman meeting and safety meeting. Last week's meeting was very fruitful.

Item 11 - Hughes - encourages every one to use the scheduling printouts at the job meetings.

Item 12 - Blanchard - asked Sheehy to give him an idea of the schedule of the Mayo Court and Delaware. Walgenbach - we should have a schedule by next Friday.

Item 13 - Carlson - List of alternates that are reinstated - G-3, G-7, G-12. M-1, M-5, M-7. E-3, E-4, E-5, E-15. All originally-accepted electrical alternates have now been reinstated.

Item 14 - Carlson - Asked if the damage caused by blasting would affect the schedule.
Roettger - no it will not.

Item 15 - Hughes - Larson wrote a letter on correcting the damage.
Fick - Repairs are being made in accordance with that letter.

Item 16 - Fick - the reinstatement of the trash chute has some electrical implications not now in the contract documents.
Carlson - Ramsey Building Materials will have a letter out explaining their electrical prerequisites.

Item 17 - Wills - will have temporary power in next week.
Wills - Premier is working in stack 0 installing conduits.

Item 18 - Walgenbach - site management policy and sample sign-in sheet.

SHEEHY
CONSTRUCTION COMPANY

360 WEST LARPEL AVE. •

• PHONE: 488-6691

Minutes of BC Job Meeting #9
April 2, 1976

People in Attendance:

Dan Walgenbach	Sheehy Construction Company
W. Wymore	Campbell & Company
Paul J. Maupin	University of Minnesota
Bob Wills	Premier Electric
Dick Carlson	HSAE
Duane E. Blanchard	HSAE
Gene Kogl	University of Minnesota
Greg Kujawa	University Hospitals
David Kudebeh	Crown Iron Works Co.
O.W. Hughes ✓	University of Minnesota
Wally Mellum	University of Minnesota
Ray Anderson	Hayes Contr.
George Klein	Hayes Contr.
George Welsch	Sandberg Erection
Ken Fick	Sheehy Construction Company
John E. Roettger	Sheehy Construction Company
Jim Fallon	University of Minnesota
* Paul Kopietz	University of Minnesota
Jim Hastert	University of Minnesota

* Not Present

Corrections of previous weeks minutes:

Item 8 - Lamb submitted its list April 1, 1976.

Review of Minutes:

Item 6 - Wills - will set up meeting on contractors' power requests. At that time he requests them in writing. 0900/4/13

Item 3 - Fick - Prime contractors have received a letter from O'Brien Sheet Metal regarding the shop drawings for catwalks. How is it to be resolved?
Carlson - HSAE has the letter and will have a reply next week.

Item 1-2030 - Roettger - Underpinning decision has a hold on phase 2 steel. I want to know if part of their drawings can be released if they are not affected by the underpinning.
Carlson - HSAE will look into it.

Item 5 - Wymore - Have run a preliminary schedule which is unacceptable to use as a work copy. I will distribute copies to contractors for dollar value to be put on work items. Some durations are in too long of increments and ask prime contractors to break down durations.
Blanchard - When will a master schedule be out that can be used?

Wymore - The schedule should be out about April 13th.

Blanchard - Is this schedule in the same sequence of logic as the original?

Wymore - It basically is.

Kogl - Will a manpower resource show where work items are undermanned.

Wymore - yes it will when the dollar amount is included.

Walgenbach - There are going to be times when there may be a second shift required for work in certain areas and for stocking floors.

Kogl - Stocking floors has to be scheduled so that wall layout is protected and working space is available.

Roettger - We need U of M equipment schedule as soon as possible.

Item 12 - Walgenbach - Will set up a meeting with HSAE for schedule of Mayo Court and Delaware.

Item 16 - Fick - Letter from Ramsey Building Products in regard to electrical work for the trash chute has not been received and this electrical work is not now in the scope of the contract.

Blanchard - HSAE will look into this further.

Item 18 - Fick - Site management policy will be given to prime contractors and owner representatives on Monday.

New Business:

Item 1 - Fick - Meeting on rock excavation with HSAE, owner, and Sheehy should be set up.
Walgenbach - I will set up the meeting and contact the people involved.

Item 2 - What is the status of alternates?
Blanchard - There are no new alternates to be accepted. expect those on which modifications have been issued.

Item 3 - Truckers strike started March 31 at midnight. This will affect job progress if not settled by Monday, April 5, 1976. *not relevant to job progress?*

Item 4 - Roettger

- 1-1110 - Park will complete excavation in elevator pits today. Sheehy will then form and pour walls and floors.
- 1-1240 - Footings are continuing.
- 1-1610 - Stack 1 structural will continue to 3rd floor or until steel supply runs out.
- 1-2310 - Underpinning decision is now critical. Need beam on grid 31 south of stack 1.
- 1-2210 - Foundation wall on E-18 will pour next Wednesday.
- 1-3100 - First structural pour on Monday grids S-25 - 31: E-1 - E10
Concrete pour on metal deck on second floor same grids sometime next week.

Item 5 - Roettger - Sheehy will set up separate gates for different trades in case of strike threatening.

Item 6 - Fallon - Copying machine will be in next week.
Kogl - A dime a copy will be charged until the true costs are know.

Item 7 - Wills - If I cannot change from running overhead conduit to putting it in the slab, I am very concerned about a serious jam up when the roughin and ceiling work starts.

Blanchard - Put this in letter form and it will be received by HSAE and U of M to see if the problem can be lessened or reduced.

Kogl - Would like to see a letter based on the proposed change.

Item 8 - Carlson - The problem with the existing ramp in unit A chiller area is being studied.

Item 9 - Blanchard - A mod on 2nd floor recording area is being prepared and should be out next week.

Item 10 - Kogl - Prime contractors must examine purchase orders issued to them by owner. If the purchase order number is the same as purchase order number of original agreement, then the work will be covered by change order to existing agreement. If the purchase order number is different, a separate billing must be submitted by the prime contractor to the owner for payment.

Item 11 - Kogl - Hughes was injured this week and I am not satisfied with the treatment he received at Mayo. Has anyone else had any problems? I will make sure the emergency treatment is resolved.

Item 12 - Kudebeh - There will be no interim sign-up on the trucker's strike.

Item 13 - Klein - Fitter foreman is now on the job. Plumbers are continuing to sleeve for pour. Installing pipe in basement of core 31. Installing drains in elevator shafts. Rain leaders in Mayo are being worked on. Finishing rain leaders in air shaft by unit A equipment room. Fitters are cutting cap on chilled water in unit A.

Item 14 - Klein - Items behind schedule are:
(A) Rock excavation
(B) Trenches in mechanical area.

Item 15 - Klein - Will line drill and blast lines in stack 0, need to go in rock about 4 feet deep?

Item 16 - Welsch - Some of the columns are not fabricated right for full penetration welds. There are about 30 of them.

Kudebeh - They were fabricated as per plans and specs.

Item 17 - Walgenbach - Babcock will deliver the precast concrete sample panel to the jobsite next week.

Item 18 - Hastert - Why is Lamb behind schedule?
Klein - Because of the knock-out panels.
Roettger - They will be out next week.

Minutes of BC Job Meeting #9


April 2, 1976

Page five

Item 19 - Mellum - There should be more precautions taken in regards to electric cords lying in water. Roettger - We will clean it up and put 8" of fill in to keep the moisture down.

Item 20 - Kogl - Would like to change meeting day to ~~Tuesdays~~ at 11:00 o'clock. Since this will be the final change, everyone is asked to consider this and further discussion can take place at next Friday's meeting.

Thur @ 1100

- Westinghouse - Inserts or sleeves in pit walls or floor? 
- Larson - Round caissons?
- Change Mayo Ct insul, W.P. etc. as it affects drain details.
- Clean rubble from elev. pit.
- Clean Union (+) on Gir.

• Carlson - Proper address
Breakdown Supp.

CONSTRUCTION COMPANY

360 WEST LARPELLEUR AVE. •

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APR 15 1976

Minutes of Unit B/C Job Meeting #10
April 9, 1976

UNIV. OF MINN.
HEALTH SCIENCE
PLANNING OFFICE

People in Attendance:

Dan Walgenbach	Sheehy Const. Co.
O.W. Hughes	U of M
W. Wymore	C & Co.
R.P. Campbell	C & Co.
Jim Fallon	U of M
* Paul Kopietz	U of M
Jim Hastert	U of M
Wally Mellum	U of M
Paul J. Maupin ✓	U of M
Jim Culligan	Premier Electric
Duane Blanchard	HSAE
Dick Carlson	HSAE
Greg Kujawa	University Hospitals
Gene Kogl	U of M
David Kudebeh	Crown Iron
George Klein	Hayes Contractors
Ray Anderson	Hayes Contractors
George Welsch	Sandberg Erection
Ken Fick	Sheehy Const. Co.
* Bob Wills	Premier Electric
* Not Present	

Corrections to last weeks minutes:

Item 5 - Campbell - In order to have a manpower resource there is another step needed. Right now we need dollar resources and a good schedule.

Review of last weeks minutes:

Item 6 - Fick - Meeting on temporary electrical power, 9 o'clock on Tuesday.

Minutes of Unit B/C Job Meeting #10
April 9, 1976
Page two

Item 3 - Carlson - We have made recommendations in a letter dated April 8, 1976.

Item 4 - Fick - Meeting on underpinning this afternoon.
Carlson - We have released the drawings on the beam in question.

Item 1 - Fick - Meeting on rock excavation this afternoon.

Item 2 - Fick - Would like confirmation of which alternates have been accepted as they affect all four prime contractors.
Carlson - Will send a copy of the update.

Item 3 - Walgenbach - Truckers strike is settled, and it slowed down production for 3 days.

Item 5 - Walgenbach - Separate gates will be set up before the end of April.

Item 6 - Kogl - Copying machine is now in operation, it has maximum size capacity of 14" x 18".

Item 7 - Kogl - There is still a question of what are permanent partitions in reference to conduit in the slab or overhead.

Item 8 - Carlson - A letter dated April 8, 1976 has been sent to the U of M recommending that the ramp be removed according to contract documents.

Item 9 - Fick - We have not received the modifications on the change on second floor.
Carlson - It was sent out today.

Item 17 - Fick - Precast sample is physically on the site, awaiting approval.

Item 20 - Fick - Beginning April 15, 1976, regular weekly project meetings will be 11:00 on Thursdays rather than Fridays.

New Business:

Item 1 - Fick - Alternates G-6, G-8, G-10, G-11, G-17, G-18 have been accepted, according to our records.
Carlson - This concurs with our list.

Item 2 - Fick - On the east side of the 2nd floor just south of Delaware Street the plans call for a recess to be left in the slab for future quarry tile. Do you still want this recess left?

Blanchard - I doubt it - we will advise you.

\$123,000
\$85,000
\$50,000
\$70,000
\$145,000
\$37,700

Item 3 - Fick - What precautions can we take to make sure that floor drains are set at the correct elevations and that we slope the floor to the extent wanted in each case?

Carlson - There is a note on sheet A1-1 and we are to go by the mechanical drawings also.

Item 4 - Anderson - Talked with Roettger and we will set the bottom of the drain and box out two feet around it. Then we will lead it and pour it later.

Hughes - What is the adjustment of the drain?

Anderson - About 3/4" up or down.

Item 5 - Fick - Has approval been given for drilled caissons?
Kogl - That will be discussed this afternoon.

Item 6 - Fick - On Thursday mornings the number of tradesmen parking at the job office should be limited so that there will be parking available for those attending the progress meetings.

Item 7 - Fick - When will approval be given for the precast panel now on display.

Carlson - We will advise on Monday.

Item 8 - Walgenbach

Forming on east end of stack 0.

Steel continuing in stack 1.

Forming first floor in stack 1.

Digging footings in stack 4.

Forming elevator pits.

Forming columns in stack 0.

Item 9 - Welsch- Temporary main electrical service is needed as soon as possible.

Culligan - Should have it on Tuesday.

Item 10 - Klein - Sheet Metal

1. Raising duct work in existing unit A equipment room.

2. Risers in existing A building shafts.

Pipe Fitters

1. Sleeving on deck - stack 0

2. Working in unit A equipment room.
30" cap installed

Plumbers

1. Sleeving as necessary

2. Temporary sump pump in elevator shaft.

3. Drains in the elevator shaft.

4. Rain water piping in the Mayo garage area.

5. Floor drains in unit A equipment room.

6. 6" suction in unit A equipment room.

Item 11 - Campbell - When giving upcoming work, use work item numbers.

Item 12 - Kujawa - Is there a blasting schedule for mechanical underground.

Klein - It will be determined next week. Dole Explosives will do the blasting.

Item 13 - Kogl - The busses need a larger turn-around also there is some concern about pedestrian safety.

Item 14 - Carlson - The under floor duct in the radiology area, we need electrical drawings.

Culligan - We will get on it.

Item 15 - Mellum - Thompson lighting has not submitted shop drawings. They are presently working, if their shop drawing or work is not satisfactory it will have to be redone.

Item 16 - Hastert - I would like to be involved in all mechanical discussions such as that between Ray Anderson and John Roettger concerning the best way to get floor drains properly set and floor properly sloped.

Item 17 - Fick - Reminded Premier Electric that underfloor electrical duct will be needed on the jobsite in one week.
Culligan - I know the duct is on order but do not know when it will be here.

General Note - Next meeting will be Thursday, April 15, 11:00 A.M.

SHEEHY CONSTRUCTION COMPANY

360 WEST LARPEL AVE. • ST. PAUL, MINN. 55101 • PHONE: 488-6691

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Minutes of Unit B/C Job Meeting #11
April 15, 1976

APR 25 1976

UNIV. OF MINN.
HEALTH SCIENCE
PLANNING OFFICE

People in Attendance:

W. Wymore	C. & Co.
R.P. Campbell	C. & Co.
Richard H. Hendricks	U OF M - Physical Plant
Duane E. Blanchard	HSAE
Richard Carlson	HSAE
Gene Kogl	U OF M
Bob Swanson	U OF M
Greg Kujawa	University Hospital
O.W. Hughes	U OF M Planning
George Klein	Hayes Contractors
Bob Olson	Crown Iron
George Welsch	Sandberg Erection
Ken Fick	Sheehy Const. Co.
Dan Walgenbach	Sheehy Const. Co.
Jim Culligan	Premier Electric
* Paul Maupin ✓	U OF M
* Paul Kopietz	U OF M
* Jim Hastert	U OF M
Jim Fallon	U OF M
Wally Mellum	U OF M

* Not Present

Review of Minutes:

Item 6 - Culligan - Temporary power meeting was held March 13, 1976. Prime contractors submitted their power needs. It was decided that the temporary power per the specifications is sufficient. Temporary power was energized Wednesday, April 14, 1976.

Item 4 - Fick - Decision on underpinning is still pending and is getting very critical.

Kogl - I have asked for more information and will make a decision then.

Item 7 - Kogl - The principle question concerning where the conduit runs go, is what constitutes a corridor wall.

Item 8 - Blanchard - The ramp in Unit 'A' basement is to come out per contract documents.

Item 17 - Fick - Precast sample has been approved.

Item 2 - Blanchard - There is to be no recess left on second floor for quarry tile. It is to be a steel troweled finish slab, and I will send a mod. out on this matter.

Item 5 - Kogl - Jack Larson will give information on drilling the caissons.

Item 12 - Klein - Will submit blasting schedule next week.

Item 14 - Culligan - The underslab duct in the radiology area in stack 0 will not be here in time for the slab pour. We will have to box out for it.

Item 15 - Mellum - Shop drawing for Thompson Lighting is submitted.

New Business:

Item 1 - Fick - Do shop drawings marked "accepted as noted" have to be resubmitted?

Blanchard - A corrected sepia should be returned to us for our retention as a record copy. But fabrication can start with the drawings stamped "approved as noted."

Item 2 - Fick - Is it possible to get 5 more copies of the revised door schedule sheets?

Carlson - Yes, we will send you some.

Item 3 - Fick - Where are Babcock's compression tests to be routed to?

Carlson - U of M and HSAE.

Item 4 - Fick - We are in dire need of a waterproofing contractor. Kogl - I need more information from Sheehy and would like to set up a meeting with HSAE, Sheehy, and myself for tomorrow afternoon.

Minutes of Unit B/C Job Meeting #11
April 15, 1976
Page three

Item 5 - Fick - Certain subcontractors need other primes shop drawings. How should this be handled?
Carlson - Coordinate with other primes and send them approved drawings.

Item 6 - Walgenbach - Work upcoming next week:

- 1-1240-1440 - Excavate footings and form and pour stack 4
- 1-1250-1450 - Excavate footings and form and pour stack 5
- 1-1260-1460 - Excavate footings and form and pour stack 6

- 1-1610 - Erect steel stack - stack 1

- 1-3110-3120 - Form and pour stack 1 and 2 1st floor
- 1-3100 - Form and pour east half stack 0
- 1-2220 - Foundation wall E-18 2nd left - S25 to S32
- 1-2030 - Underpin Decision
- 1-3210 - Backfill Pull sheeting
- 1-1110 - Elevator pits Form and pour
- 1-5026 - Caissons W-3, W-4 South of grid S50
- 2-1220 - Layout and seal 2nd floor

Item 7 - Klein - Progress Schedule - Plumbing

1. Underground drain tile to start on E line
2. Working in existing equipment room Unit 'A'
3. Working on rainwater leader in Mayo garage
4. If panels are removed underground plumbing will begin
5. Going to install drains in the elevator pits
6. Sleeving stack 0 east end

Heating

1. Installing hangers and pipe in basement of Unit A
2. Sleeving on deck as necessary

Sheet Metal

1. Working in existing A Unit

Sprinkler Fitters and Pipe Coverers

1. No activity

Item 8 - Culligan - Temporary 480 volt service is hot. Putting-rough-in, in slab There will be a decision on whether or not Bob Wills will remain as electrical foreman on the job by tomorrow.

Item 9 - Hughes - Need more cleaning of street by access down ramp to hole.

Hughes - There is a revision of rebar in Airshaft 'A'

Hughes - There have been gates left open in the past, more care should be taken.

Hughes - Notify the hospital that there will be a night shift on backfilling next week.

Item 10 - Kogl - When the last dynamite was set off, there could have been damage to the church. If I get further information, I will pass it on to Sheehy.

Kogl - When the demolition at Mayo takes place there will be a high vibration level. In Mayo there are many delicate instruments. I suggest we involve insurance companies for suggestions to eliminate or reduce the vibration level.

Item 11 - Carlson - More copies of addendum books are available at \$52.50 each. If anyone desires these please let me know.

Carlson - Second floor knock out panels, there will be some clarifications of the procedure to do these.

Item 12 - Blanchard - On occasion HSAE would like access to the parking lot after hours. Can this be arranged?

Fick - We will take this matter up at next week's meeting when John Roettger is back.

Item 13 - Hendricks - Schedule all cutting in and interruptions in Unit A, with plant services.

Kogl - All scheduling should go through the respective inspectors.

Item 14 - Campbell - The latest schedule is within 21 days of the specifications. Need dollars on work items. We will add shop drawing submitted and approval list to the schedule we will also add penetrations into A, Mayo and Diehl.

Item 15 - Fallon - U of M would like a copy of all injury reports. This is something which subcontractors to prime contractors should be made aware of also.

Unit B/C. Construction Meeting
Notes



SHEEHY CONSTRUCTION COMPANY

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UNIV. OF MINN.
HEALTH SCIENCE
PLANNING OFFICE

Minutes of Unit B/C Job Meeting #12
April 22, 1976

People in Attendance:

John E. Roettger	Sheehy Construction Company
W. Wymore	C. & Co.
R.P. Campbell	C. & Co.
Wally Mellum	U of M
Paul Maupin ✓	U of M
Gene Kogl	U of M
Ron Mohrmann	Premier Electric
Jim Culligan	Premier Electric
Duane Blanchard	HSAE
Dick Carlson	HSAE
O.W. Hughes	U of M
Greg Kujawa	U of M Hospital
George Klein	Hayes Contractors
Bob Olson	Crown Iron
George Welsch	Sandberg Erection
Ken Fick	Sheehy Construction Company
Dan Walgenbach	Sheehy Construction Company
Jim Fallon	U of M
* Paul Kopietz	U of M
* Bob Swanson	U of M
Jim Hastert	U of M
Richard H. Hendricks	U of M - Physical Plant

* Not Present

Corrections of last week's minutes:

Item 1 - Blanchard - Substitute "accepted" as noted for
"approved as noted"

Review of minutes:

Item 4 - Fick-Underpinning decision has been made. We are to
go ahead with the shortened underpinning.

Item 7 - Culligan - there is a meeting at 2 p.m. today to decide where the conduit runs are to be placed.

Item 5 - Kogl - HASE has sent out a letter regarding the drilling of caissons.

Item 12 - Klein - Hayes will try to line drill the rock excavation rather than use dynamite.

Item 14 - Culligan - I have coordinated with Sheehy the underslab duct in the radiology area and it will not hold up the pour.

Item 4 - Fick - The waterproofing has been resolved and the owner, HSAE & Sheehy will meet to work out the details during the first week in May.

Item 5 - Kogl - What routing will shop drawings be given when a sub of a prime needs drawings from a different prime. Walgenbach - The drawings will be given to the prime contractors by the prime contractor whose sub has the needed drawings. It will be sub to prime to prime to sub.

Item 8 - Culligan - Bob Wills has left Premier Electric, Ron Mohrmann will assume his responsibility.

Item 9 - Roettger - We will sweep the streets to try and prevent problems in Powell hall.

Item 10 - Hughes - There has been a letter sent to resolve the rebar question in airshaft A.

Item 11 - Kogl - Has the insurance company been notified for the demolition of Mayo?
Fick - Yes they have. I sent a letter to them on Tuesday.

Item 12 - Roettger - We will issue 2 keys to HSAE for access to the parking lot after-hours.

New Business:

Item 1 - Fick - HSAE is dating shop drawings digitally day-month-year and this could lead to confusion.
Blanchard - We will correct this problem.

Item 2 - Fick - I would like to know when to set up the plastering meeting.

Kogl - Tomorrow morning at 10:30 will be fine.

Blanchard - I can attend.

Item 3 - Fick - I would like official notice that the coin-operated lockers have been deleted from our contract. Carlson - I will send out a modification in regards to them.

Item 4 - Roettger - Work items for next week:

- 1-1260 & 1460 Form and pour stack 6
- 1-1610 Bolt up stack 1 steel
- 1-1620 Erect steel stack 2
- 1-1700 Erect tower crane core 30
- 1-2030 Underpin decision received 4-21
- 1-2220 Form and pour foundation wall E-18 2nd lift
- 1-2310 Form and pour foundation wall air relief shaft
- 1-3100 Pour balance of stack 0
- 1-3210 Waterproof and backfill wall on E-1
- 1-3220 Waterproof and backfill wall on E-18
- 2-0410 Catwalks in floors 1-3-cores 26-29
- 2-1208 Layout and seal stack 1 and 2 on first floor
- 2-1400 Start fireproofer in stack 0

Item 5 - Klein - Mechanical work next week:

- Plumbers:
- 1. Drain tile and gravel along E-1 line.
 - 2. Floor drains in elevator pits.
 - 3. Start rock cutting in stack 0.
 - 4. Sleeve and insert stack 0 east end.
 - 5. Rain water leaders in Mayo garage 2nd level.
 - 6. Change lines as necessary in Unit "A" equipment room.

- Fitters:
- 1. Unit A equipment room.
 - 2. Sleeve as necessary

- Sheet Metal:
- 1. Changes in Unit "A"
 - 2. New duct work in cores of Unit A.

Item 6 - Culligan - Electrical work items for next week: working on pour in stack 0. Complete temporary power 4-27-76. Kogl - We have a concern that Premier is not staffing their job office or using enough planning for the job. I feel John Bellair should be present at the job progress meetings.

Item 7 - Hughes - The changes in the construction of the plaza areas will require mechanical changes also. Who is coordinating this?

Blanchard - Right now the situation is between the owner and the general contractor and they will submit their procedure to HSAE if the owner desires it.

Hughes - Refer to work done in existing 'A' unit as Unit 'A'.

Item 8 - Carlson - I do not have complete sub-contractor and material lists from prime contractors.

Item 9 - Carlson - I have requested that Westinghouse have a representative at the progress meetings.

Item 10 - Campbell - The moving of the animals, by the University, is on schedule. The new services required before the demolition can proceed are spread out. Can they be combined into one pipe to eliminate the open cut?
Blanchard - I would like a letter from the U of M advising us what they require.

Item 11 - Campbell - Room on 3rd floor #3-75 is critical because of the amount of electrical work involved. Can this room be expediated?

Roettger - We will look into the matter.

Item 12 - Hendricks - The use of Unit A's loading dock and elevator for removal of rubbish or bringing in large equipment cannot be tolerated. Use B/C to achieve these work items.



SHEEHY CONSTRUCTION COMPANY

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Minutes of Unit B/C Job Meeting #13
April 29, 1976

People in Attendance:

John E. Roettger	Sheehy Construction Company
Paul J. Maupin	U of M
Jim Culligan	Premier Electric
Tom Hurley	Premier Electric
Dick Carlson	HSAE
Greg Kujawa	U of M Hospitals
O.W. Hughes	U of M
Jack Frerichs	WM. Poppenberger & Sons
Ty Berg	WM. Poppenberger & Sons
George Welsch	Sandberg Erection Company
R.A. Magnuson	Westinghouse Elevator
Ed Palm	Westinghouse
David Kudebeh	Crown Iron Works
Wally Mellum	U of M
Jim Fallon	U of M
Jim Hastert	U of M
Richard H. Hendricks	U of M - Physical Plant
Ken Fick	Sheehy Construction Company
Dan Walgenbach	Sheehy Construction Company
George Klein	Hayes Contractors
* Paul Kopietz	U of M
* E.A. Kogl	U of M
* Bob Swanson	U of M
* Campbell & Company	

* Not Present

Review of Minutes:

Item 4 - Fick - How much underslab duct is there?
Culligan - There are 3 area's in the first floor
and one on 3rd.

Item 6 - Tom Hurley is project manager for Premier
Electric and will spend 1/2 days on the jobsite.

Item 8 - Carlson - HSAE has received no further submittals from prime contractors concerning proposed material suppliers and subcontractors.

Item 9 - Carlson - Westinghouse should be aware that there is quite a length of time involved for approval of elevator and escalator shop drawings. For example on Unit A it took 3 months. Therefore, any fabrication is taken at their own risk.

Item 12 - Hendricks - There are still unauthorized people using the Unit A elevator.
Klein - Hayes Contractors was using it and we request permission to use the elevator if it can be worked out.
Hendricks - I will check into it.

New Business:

Item 1 - Fick - We need escalator shop drawings urgently.
Palm - Shop drawings will be here on Monday and Sheehy will be given a set.

Carlson - Mark these drawings "not approved"
Carlson - Is there any priority between escalators or elevators?

Roettger - We need both.

Item 2 - Roettger - Work for the coming week.

Escalator Drawings - We are held up now in Stack 1-1st floor
1-3400 -

- 1-1440 - Pour stack 4
- 1-1450 - Pour stack 5
- 1-1460 - Pour stack 6
- 1-1500 - Haunches - are complete
- 1-1610 - Bolting up - stack 1
- 1-1620 - Erection of structural steel-stack 2
- 1-1630 - Erection of structural steel-stack 3-started 4/28/76
- 1-1640 - Erection of structural steel-stack 4-delivery? 5/5/76
- 1-1650 - Erection of structural steel-stack 5-delivery?
- 1-1660 - Erection of structural steel-stack 6-delivery?
- 1-2220 - FND wall E-18 -S-25-S-32- 2nd lift - pour 5/5/76
- 1-2310 - FND wall E-18 -S-32-S-37
- 2-0105 - 2-0390- Mech. & Electrical anchors
- 2-0410 - Catwalks 1-3 Wednesday
- 2-1400 - Fireproof cores 1-3
Beams and columns - 1st floor and basement
- 2-3130 - Elevator pits and sump - pour-4/30/76

Item 3 - Klein - Work for the coming week.

PLUMBING

1. W.I. #2-3110 - Underground mechanical in rock stack 0 - work begin 4/27/76

2. W.I. #2-3130 - Elevator pit drains - work begin
3. Work in Mayo garage - 2nd level
4. Changing lines in Unit A equipment room
5. Drain tile on E-1 line
6. Drain tile in E-18 line
7. Sleeve and insert as necessary
8. Ready to install support channel for core piping.
9. Ready to start waste, vent, water and medical gas on 1st floor east.

HEATING

1. Sleeve and insert as necessary.
2. Extending existing lines in Unit A.
3. Ready to install support channel for core piping.
4. Ready to start steam and chilled water on 1st floor east.

SHEET METAL

1. Sleeve as necessary.
2. Working in core 21 of Unit A.
3. Fabrication drawings.
4. Fabricating materials.

SPRINKLER FITTER

1. Fabrication drawings.

PIPE COVERER

1. No activity.

Item 4 - Hurley - Installing high voltage feeder. Installing temporary lights and outlets. Sleeving slabs and walls. I request that Premier Electric receive a copy of all letters affecting dimensional changes.

Item 5 - Carlson - There are a number of modifications out to the primes for pricing, could these please be priced out and returned?

Item 6 - Hastert - I would like a determination if Unit A equipment room is a hard hat area.
Walgenbach - We will look into it.

Item 7 - Mellum - More electrical shop drawings are needed.
Mellum - I would like to see all prime contractors' layouts of the cores. There are other items that do not show on the drawings that require certain space.

Item 8 - Kudebeh - When will Unit B steel be set?
Walgenbach - First week in July.

Item 9 - Hurley - Premier does not accept this copy of the C.P.M. as the final working schedule. There have been many durations changed.



SHEEHY CONSTRUCTION COMPANY

360 WEST LARPEL AVE. •

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Minutes of Unit B/C Job Meeting #14
May 6, 1976

People in Attendance:

W. Wymore	Campbell & Company
R.A. Magnuson	Westinghouse
R.P. Campbell	Campbell & Company
Richard H. Hendricks	U of M Physical Plant
Dick Carlson	HSAE
Tom Hurley	Premier Electric
Duane E. Blanchard	HSAE
Robert Swanson	U of M
Gene Kogl	U of M
O.W. Hughes ✓	U of M
* George Klein	Lamb Plumbing
R. Anderson	Lamb Plumbing
Bob Olson	Crown Iron
Ken Fick	Sheehy Const. Company
John Washtock	WM. Poppenberger
Greg Kujawa	U of M Hospitals
George Welsch	Sandberg Erection
* Paul Kopietz	U of M
* Paul Maupin	U of M
Jim Fallon	U of M
Jim Hastert	U of M
Wally Mellum	U of M
John E. Roettger	Sheehy Const. Company
Dan Walgenbach	Sheehy Const. Company

* Not Present

Review of last week's minutes:

Item 8 - Carlson - HSAE has received no further submittals listing material suppliers and subcontractors.

Item 9 - Roettger - Sheehy received preliminary drawings on the escalator Monday.

Fick - I would like a copy of escalator drawings for certain subcontractors.

Magnuson - We will send you a set.

May 6, 1976

Page two

Fick - What is the status of the elevator drawings?
Carlson - I have received first submittal and it is being checked now.

Item 5 - Fick - I will get some modifications into HSAE next week.

Item 7 - Hurley - Shop drawings on the panel board will be into HSAE next week.

Item 9 - Kogl - The total ³~~per~~²imeters of the schedule should not change. The contractors have to plan their activities to fit the schedule.

New Business:

Item 1 - Roettger - Work for next week:

- 1-1460 - Will complete pouring footings in stack 6
 - 1-1620 & 1-1630 - Erect structural steel stacks 2 & 3
 - 1-1640 - Stack 4 delivery of steel
 - 1-1700 - Start erecting tower crane
 - 1-2310 - Erect foundation wall on E18 between S32 and S37
1st lift pour about Friday.
 - 1-3120 & 1-3130 - Forming in stack 2 and 3 - 1st floor
 - 1-3300 - Slab on 2nd floor. East end - pour about Friday
 - 1-3320 & 1-3330 - Slab stack 2 & 3 (Pour Monday)
 - 1-3210 - Backfill on E1 between S25 & S36
 - 1-3220 - Backfill on E18 between S25 & S31
 - 1-3400 - Forming 3rd floor stack 0 pour about 5/18/76
 - 1-5012 - Caissons - Mayo Garage
 - 2-0410 - Catwalks (being installed) cores 25,26,27,28
 - 2-1400 & 2-1410 - Fireproof stack 0,1 & cores
- Pouring of stack 1 - 2nd & 3rd floor will be held up until stack 4 is bolted up.

Item 2 - Roettger - I request a meeting with HSAE on interpretation of the plans.

Blanchard - We will look at the problem after this meeting.

Item 3 - Anderson - Mechanical work:

Plumbing

1. W.I. #2-3110 - Underground mechanical on rock progressing.
2. W.I. #2-3130 - Elevator pit drains - work complete
3. Work in Mayo garage - R.W.L. & water main
4. Changing lines in Unit "A" equipment room
5. Drain tile on E1 line complete
6. Drain tile on E18 line should be complete
7. Sleeve and insert as necessary
8. W.I. #2-0110 - Install hangers
9. W.I. #2-0120 - Install hangers
10. W.I. #2-0130 - Install hangers

Heating

1. Sleeve and insert as necessary
2. W.I. #2-0110 - Install hangers
3. W.I. #2-0120 - Install hangers
4. W.I. #2-0130 - Install hangers

Sheet Metal

1. Sleeve as necessary
2. Work on core 21 of Unit A *Mod. in process?*
3. Fabrication drawings
4. Fabricating materials
5. W.I. #2-0110
6. W.I. #2-0120
7. W.I. #2-0130

Sprinkler Fitter

1. Fabrication drawings

Pipe Coverer

1. No activity

Item 4 - Hurley - Electrical work for up-coming week:

- 2-0105 - Start May 13 - work in core 29
- 2-0110 - Start May 13 - work in core 27
- 2-5120 - Started April 29
- 8-4403 - Started April 29 will only work Unit A - 10%
- 8-3403 - Started April 29 will only work Unit A - 10%

Also working on Temporary Service Panels and Distribution.
Some branch conduit in slab.

Item 5 - Washtock - When can we start fireproofing cores?
Roettger - You can start next week.

Item 6 - Anderson - Request a meeting on access to the hole
when the ramp is blocked.

Item 7 - Hughes - I feel there is a need for a meeting on the
ramp.

Roettger - We will set one up.

Hughes - Has anyone contacted Commercial Steel on delivery?

Roettger - I have talked to them.

Fick - Getting the underpinning started is a high priority
item.

Kogl - I agree. I don't think we should hold up the
underpinning for access to the hole.

Item 8 - Carlson - Increasing the size of the floor
sleeves is being considered.

Item 9 - Hurley - I would like a copy of the G.C. upcoming
work schedule each week.

Roettger - I will give one to Premier regularly.

Item 10 - Campbell - Schedule is on early start at this time.

May 6, 1976

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Item 11 - Hastert - I have not received any mechanical shop drawings. Where are they?

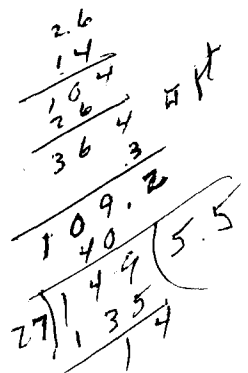
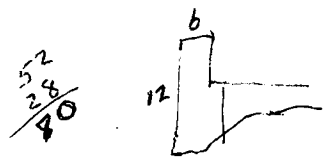
Carlson - Quite a number went out yesterday.

Hastert - We need a water meter as soon as possible.

Item 12 - Fallon - When will the security system be in operation?

Fick - About May 15th.

- Housekeep (at Unit A)
- Heat shaft cover
- Diehl - Masonic alley blocking off



Coord - Diehl tunnel changes for demo.
 Check HSAE (Glaser, first) Heat shaft drain
 Check Commercial fab. progress. See Walgen. re priorities
 Check Crown's progress; Stack 6 on schedule? Painting



SHEEHY CONSTRUCTION COMPANY

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Minutes of Unit B/C Job Meeting #15
May 13, 1976

People in Attendance:

Ken Fick	Sheehy Const. Company
Dan Walgenbach	Sheehy Const. Company
John E. Roettger	Sheehy Const. Company
Richard H. Hendricks	U of M-Physical Plant
W. Wymore	Campbell & Company
Jim Fallon	U of M
* Paul Kopietz	U of M
Ed Palm	Westinghouse
Paul Maupin	U of M
Gene Kogl	U of M
Vern Olson	Bolander
John Washtock	Poppenberger
[REDACTED]	U of M
Tyrone Berg	Poppenberger
George Welsch	Sandberg Erection
Tom Hurley	Premier Electric
Jim Hastert	U of M
Wally Mellum	U of M
Dick Carlson	HSAE
George Klein	Hayes Cont.

* Not Present

Review of Minutes:

Item 8 - Carlson - Sheehy, Lamb and Westinghouse have made further submittals. Premier has not.

Item 1-1-1700 - Erection of tower crane will start next week. Klein - (Sheet metal item #2) Work in core 21 is being held for a modification.

Item 4 - Electrical - Hurley - Work item 2-0105 did not start because of a conflict.

Item 5 - Roettger - Catwalk delivery is holding up fireproofing in cores, should start next week (fireproofing)

Item 6 - Roettger - Meeting on ramp resolved the issue. We will try to bypass crane with trucks.

New Business:

Item 1 - Fick - Please schedule your arrival so we can start the meeting promptly at 11 a.m.

Fick - Safety - Sheehy is implementing an intensive safety program. We ask the cooperation of all concerned to help establish a safe and clean project. Safety meetings are being held every Wednesday at 11 a.m. Dan Walgenbach is Fire Safety Director and is also the Supervisor of Safety and Accident Prevention for Sheehy. Welsch - Sandberg is also enforcing a vigorous safety policy. We are using safety nets, and putting deck down as soon as possible. All workmen must be aware that there could be work going on overhead as they are working in this project.

Item 2 - Roettger - Some steel supplied by Crown is arriving on the job not painted per specifications.

Hughes - I am working with Crown Iron on this matter.

Item 3 - Roettger - Work for upcoming week:

- 1-1640 - Start 5/13/75 Erect stack 4
- 1-1650 - Start 5/17/76 Erect stack 5
- 1-1700 - Start 5/17/76 Erect tower crane
- 1-2050 - Start 5/25/76 Under pin Diehl
- 1-2230 - Pour 5/14/76 Pour wall E18 S25 - S32 . 3rd lift
- 1-2310 - Working on Wall E18 S31 - S37 1st lift
- 1-2320 - Working on Wall E18 2nd lift
- 1-3130 - Pour 5/18/76 1st floor stack 3
- 1-3210 - Backfill E1 - S25 - S32 complete 5/18/76
- 1-3400 - St. Pour Stack 0 - 3rd floor - 1st pour Wed. 5/9/76
- 1-3420 - Pour Stack 2 3rd floor - 1st pour 5/17/76
- 1-3430 - Pour stack 3 1st pour 5/17/76
- 2-0410-2-0490 - Catwalks - delivery of 10 on 17th
- delivery of 20 on 24th
- (Cores 25,26,27,28) Stacks 1-3 to 9th floor
- 2-1030 - Pour stack 2 & 3 Friday 5/14/76 (3rd floor)
- 2-0100 - Double wall skip to erected in elevator shaft #1
hoistway 5/18/76
- 2-1410 - Fireproof stack 0-2-3 1st floor 5/24/76
- 2-1400 - Fireproof basement 0-1-2-3 5/24/76
- 2-3210 - Fill slab on grade will start as soon as ramp
comes out 6/15/76 stack 0 start one month

Diehl Hall tunnel - 2nd floor (remove) start 2 weeks

Regarding sump -a check valve to drains is needed to control water in elevator pits.

Item 4 - Klein - Work items for upcoming week:

Plumbing

1. W.I. #2-3110 - Underground rock in mechanical progressing
2. Work in Mayo garage - R.W. Leader & water main
3. Changing existing lines in unit "A" equipment room
4. Drain tile in E18 line
5. Sleeve and insert as necessary
6. W.I. #2-0110-Mechanical anchors in stacks 1-3
7. W.I. #2-0120-Mechanical anchors in stacks 1-3
8. W.I. #2-0130-Mechanical anchors in stacks 1-3
9. W.I. #2-0140-Mechanical anchors in stacks 1-3
10. W.I. #2-0150-Mechanical anchors in stacks 1-3
11. W.I. #2-0160-Mechanical anchors in stacks 1-3

Heating

1. Sleeve and insert as necessary
2. W.I. #2-0110-Mechanical anchors in stacks 1-3
3. W.I. #2-0120-Mechanical anchors in stacks 1-3
4. W.I. #2-0130-Mechanical anchors in stacks 1-3
5. W.I. #2-0140-Mechanical anchors in stacks 1-3
6. W.I. #2-0150-Mechanical anchors in stacks 1-3
7. W.I. #2-0160-Mechanical anchors in stacks 1-3

Sheet Metal

1. Sleeve as necessary
2. Work in Unit "A" equipment room
3. Fabrication drawings
4. Fabricating materials
5. Stocking stack 0 first floor with tin
6. W.I. #2-0110-Mechanical anchors in stacks 1-3
7. W.I. #2-0120-Mechanical anchors in stacks 1-3
8. W.I. #2-0130-Mechanical anchors in stacks 1-3
9. W.I. #2-0140-Mechanical anchors in stacks 1-3
10. W.I. #2-0150-Mechanical anchors in stacks 1-3
11. W.I. #2-0160-Mechanical anchors in stacks 1-3

Sprinkler Fitter

1. Fabrication drawings

Pipe Coverer

1. No activity

Item 5 - Hurley - Work items for upcoming week:

1. 2-0105 - Holding pending core layout decision from Electrical inspector conflict with mechanical answer expected by Monday - Core 29
2. 2-5120 - Continue working on
3. Working on branch conduit in slabs
4. Working on temporary power
5. Working on sleeving as necessary
6. Core 22 - Will start after fire proofers

Item 6 - Hughes - Sandberg has permission to block off alley between Diehl Hall and V.F.W. with snow fence. During truck traffic they must monitor the traffic. Hughes - Civil engineering department of U of M wants a new cover on the air shaft.

Klein - We have turned the cover and put a security fence around it.

Hughes - Housekeeping in Unit A plaza level has been bad. Please clean it up.

Item 7 - Kogl - The rental of parking stalls at Oak Street is available at \$.75 per day. If you want this service contact Walter Johnson.

Kogl - The storage lot north of 611 Delaware is going to be the church parking lot so be aware that you might have to vacate this area on short notice. Then the existing church lot can be used for parking and as an unloading area. This is not to be used as a storage area.

Walgenbach - Can we fence this area?

Kogl - Yes as long as there is room to walk on the south side of the church.

Item 8 - Carlson - Modifications have to be turned around faster or they will affect the schedule, an example is modification 14-P.

Item 9 - Hendricks - The 3" gas line is tied in with the emergency generator in Todd Hall; this line cannot be interrupted.

Klein - This is being taken care of.

Hendricks - Fire protection for Diehl Hall.

Kogl - This has been taken care of.

Hendricks - We need information on equipment from HSAE.

Carlson - May we have a letter on the items you need?

Hendricks - Yes.

Minutes of Unit B/C Job Meeting #15
May 13, 1976
Page five

Item 10 - Hastert - I don't think 2 weeks notice for the demolition of the Diehl Hall tunnel is enough time. There are gas lines to be moved.
Kogl - I will set up a meeting to study this area.

Item 11 - Wymore - The structural schedule is on the early start on work items.

Item 12 - Walgenbach - I would like to know the delivery schedule on elevator frames.
Palm - I will get information on them.
Roettger - Why can't elevator rails be put in now?
Palm - Will check on it.

SHEEHY CONSTRUCTION COMPANY

360 WEST LARPEN TEUR AVE. • ST. PAUL, MINNESOTA 55113 • PHONE: 488-6691

Minutes of Unit B/C Job Meeting #16
May 20, 1976

People in Attendance:

Steve Gutting	C & Co.
R.P. Campbell	C & Co.
Dick Carlson	HSAE
Earl Romnes	Westinghouse Elevator
Ed Palm	Westinghouse Elevator
Gene Kogl	U of M
Bob Olson	Crown Iron
George Welsch	Sandberg Erection
John Washtock	Poppenberger
Ty Berg	Poppenberger
George Klein	Hayes Contractors
Richard H. Hendricks	U of M Physical Plant
Greg Kujawa	U of M
Wally Mellum <i>Wally</i>	U of M
Tom Hurley	Premier Electric
Dan Walgenbach	Sheehy
Ken Fick	Sheehy
* John Roettger	Sheehy
Jim Hastert	U of M
Jim Fallon	U of M
* Paul Kopietz	U of M
* Not Present	

Corrections of last weeks minutes:

Item 6 (of review) - Crane will move on the ramp today. There possibly could be a two week tie-up. Diehl hall tunnel-there will be a meeting by U of M next week.

Item 6 (new business) - Civil engineering department of U of M wants a revision on the cover of air shaft A.

Item 7 - The rental of parking stalls at Oak Street is available at 50¢ per day. Contact Hugh Lambert at telephone number 373-~~3198~~.

00.

Item 12 - Delivery on elevator frames is August 30, 1976. Rails will be delivered about July 19, 1976.

New Business:

Item 1 - Fick - Ground fault protection on 3rd floor is giving Sheehy trouble on our pour.
Hurley - We will look at it after the meeting.
Walgenbach - There are only 2 breakers for 8 outlets.

Item 2 - Roettger - Work items for upcoming week.

- 1-1640 - Continue erecting stack 4
- 1-1650 - Start erecting stack 5 5-21-76
- 1-1700 - Setting up tower crane
- 1-2047 - Underpin Diehl - Start 5-25-76
Diehl tunnel demolition 5-28-76
- 1-2310 - Pour E18 - S31 - S33 Friday 5-4-76
- 1-3130 - Pour 1st floor stack #1 5-24-76
Start reinforcing steel in air shaft S31 - S33 5-21-76
1st pour 5-27-76
- 2-0410 - 2-0490 - Steel Catwalks
Cores 25,26,27,28 to 5th floor complete
20 more steel catwalks delivered on 5-21-76
- 2-0100 - Erect material hoist
- 2-1400 - Fireproof basement - will start cores behind insulator
- 2-1040 - Pour 4th floor 5-24-76

Stack 3

Ground fault requirements are short.

Item 3 - Klein - Work items for upcoming week.

Plumbers

1. 2-0110 Mech. anchors stacks 1-3 - 1st floor
2. 2-0120 Mech. anchors stacks 1-3 - 2nd floor
3. 2-0130 Mech. anchors stacks 1-3 - 3rd floor
4. 2-0140 Mech. anchors stacks 1-3 - 4th floor
5. 2-0150 Mech. anchors stacks 1-3 - 5th floor
6. 2-0160 Mech. anchors stacks 1-3 - 6th floor
7. Drain tile east of E18 line
8. R.W. Leaders in Mayo Garage
9. Gas main change in Mayo Garage
10. Water main change in Mayo Garage
11. Tunnel supports in level 2 of Diehl Hall
12. Hoe ram in basement stack 0
13. Stocking 1st level east with pipe and hangers
14. 6-0401 - Just started - rough in 1st floor north
15. Sleeving and inserting as necessary.
16. Going to install temp. water in core 28

17. Going to install 15" underground from Mayo Garage as shown on sheet M3. EW Line

Heating

1. Sleeve and insert as necessary
2. Work in Unit "A" equipment room
3. G-1410 just started rough in 1st floor north
4. 2-0110 Mech. anchors stacks 1-3 1st floor
5. 2-0120 Mech. anchors stacks 1-3 2nd floor
6. 2-0130 Mech. anchors stacks 1-3 3rd floor
7. 2-0140 Mech. anchors stacks 1-3 4th floor
8. 2-0150 Mech. anchors stacks 1-3 5th floor
9. 2-0160 Mech. anchors stacks 1-3 6th floor

Sheet Metal

1. 2-0110 Mech. anchor stacks 1-3 1st floor
2. 2-0120 Mech. anchor stacks 1-3 2nd floor
3. 2-0130 Mech. anchor stacks 1-3 3rd floor
4. 2-0140 Mech. anchor stacks 1-3 4th floor
5. 2-0150 Mech. anchor stacks 1-3 5th floor
6. 2-0160 Mech. anchor stacks 1-3 6th floor
7. Sleeve and insert as necessary
8. 6-0610 Horz. duct work 1st floor north
9. Stocking materials in the basement

Sprinkler Fitter

1. Fabrication drawings

Pipe Coverer

1. No activity

Item 4 - Hurley - Work for upcoming week:

- 2-5120 - Coming into Unit B/C - Unit A portion 80% complete
- 5-3964 - Partial in slab - Monday 5-24-76
- 6-3910 - Partial in slab
- 6-3920 - Partial in slab
- 6-3930 - Partial in slab

Temporary service extension floor sleeves as necessary.

Item 5 - Hurley - Some conduit that is going into floors was designed to go into ceilings. A cushion will be built into electrical work items.

May 20, 1976

Page four

Item 6 - Hurley - When does the tower crane need power?
Welsch - June 7, 1976.

Item 7 - When does the hoist need power?
Walgenbach - May 27, 1976

Item 8 - Hurley - Submittal valve and damper information
went in April 21, 1976. We have heard no word on this.

Item 9 - Walgenbach - We need information on how the U of M
will handle 1st level between Unit A and Mayo in regard to
our demolition.

Kogl - Walgenbach and Hendricks should meet and coordinate
this.

Item 10 - Fick - Is HLM the approved waterproofing membrane?

Kogl - Yes it is. I have told Dan to have this ordered
although all details are not worked out yet.

Item 11 - Fick - Is there a decision on whether to use drywall
in lieu of plaster?

Kogl - An answer will be forth coming on Monday.

Item 12 - Welsch - We will move the crane on the ramp today
rather than Monday because of weather.

Item 13 - Kogl - New church parking lot may be approved on
Monday. If it is, we will want that lot vacated.

Item 14 - Carlson - New heat shield in B/C has been requested
to be lowered by mechanical. I need the request in writing.

Item 15 - Carlson - I need quotations for raising sleeves
from mechanical and electrical.

Item 16 - Carlson - Field painting on steel will be eliminated
by modification.

Item 17 - Hendricks - Someone has taken ear protection from
Unit A mechanical room. I request these be put back.

Item 18 - Hastert - Diehl Hall tunnel has rain water leaders,
how will this be handled in regard to the demolition?

Item 19 - Fallon - Where is the security system?

Fick - It should be in next week.

Item 20 - Hurley - Jim Culligan is Premier's safety officer.

Item 21 - Campbell - Structural is 4 days behind but should catch up on stack 5.

Item 22 - Campbell - In preparation for Mayo demolition there will be a meeting to refine work items.

Item 23 - Walgenbach - There are two labor disputes pending - certain personnel at Crown Iron and plumbers and fitters.



SHEEHY CONSTRUCTION COMPANY

360 WEST LARPEUR AVE. • PHONE: 488-6691

Minutes of Unit B/C Job Meeting #17
May 27, 1976

People in Attendance:

W. Wymore	C & Co.
R.P. Campbell	C & Co.
Gene Kogl	U of M
Tom Hurley	Premier Electric
Earl Romnes	Westinghouse Elevator
Ed Palm	Westinghouse Elevator
George Klein	Hayes Contractors
Dick Carlson	HSAE
O.W. Hughes ✓	U of M
John Washtock	Poppenberger
Ty Berg	Poppenberger
Bob Olson	Crown Iron
George Welsch	Sandberg Erection
Ken Fick	Sheehy
Dan Walgenbach	Sheehy
John Roettger	Sheehy
Jim Fallon	U of M
* Paul Kopietz	U of M
* Bob Swanson	U of M
* Paul Maupin	U of M
* Greg Kujawa	U of M
Jim Hastert	U of M
Richard H. Hendricks	U of M - Physical Plant
Wally Mellum	U of M - Physical Plant
* John Scott	TAC
* Not Present	

May 27, 1976

Page two

Correction of minutes:

Item 7 - Klein- Correct phone number of Hugh Lambert is 373-0062

Item 5 - Campbell - The conduit that is going into floors rather than ceilings will help the electrical work items, however, the schedule will represent an honest evaluation of length of time for work items.

Item 7 - Roettger - We will need power to the skip on June 1, 1976.

Item 13 - Kogl - There will be an answer on the church parking lot tomorrow.

Item 14 - Carlson - There is no revision ^{according to Klein} needed on the heat shield on B/C.

Review of minutes:

Item 6 - Roettger - We will shorten the ramp into stack 5.

Item 1 - Roettger - Premier has put in 20 amp breakers at my request in lieu of ground fault protection.

Fick - OSHA no longer enforces ground fault protection.

Hurley - I suggest Sheehy install a ground fault receptacle box for the pour on stack 0.

Roettger - We will try it.

Item 8 - Carlson - Submittal on dampers is on the way back to Premier.

Item 9 - Hendricks - On the access to Mayo from Unit A, we received excellent co-operation from Sheehy.

Item 11 - Kogl - Dick Carlson will review the change in certain walls from plaster to drywall situation with Sheehy and Poppenberger after the meeting.

Item 17 - Hendricks - The ear protection that was taken has not been returned. There were 4 sets.

Klein - We will take care of it.

Item 18 - Hastert - I am concerned about the rain leaders on Diehl Hall during demolition.

Roettger - We will take precautions.

Item 22 - Campbell - There are services that have to be rerouted before the animal quarters can be demolished. What is being done on this?

Kogl - We should gather information from all parties and let Oliver Hughes coordinate it.

Item 23 - Crown Iron will have a strike vote on June 1, 1976.
Klein - It looks like the fitters may vote strike on June 1st.

New Business:

Item 1 - Fick - Make sure everyone signs in on the minutes.

Item 2 - Roettger - In shell spaces we need information on floor drains and recesses.

Carlson - We are preparing a mod on this. I have sent 5th floor layout to Jim Hastert.

Klein - I request the 5th floor pour be held until I receive the layout.

Item 3 - Hughes - There is a request to put deck on core 29 floors 1,2,3.

Item 4 - Roettger - Work items for upcoming week:
Work in shell space - 5th floor sleeve location recess location and how are we going to handle extra work?

- 1-1640 - Erect structural steel - stack 4 to 11
- 1-1650 - Erect structural steel - stack 5 to 10
- 1-1660 - Erect structural steel - stack 6 Delivered 6/7/76
- 1-1700 - Erect tower crane - Core 30 (should be complete week of 6/21/76)
- 1-1850 - Link steel? Is it ready?
- 1-2320 - Foundation wall E18 - S31-S33 6/2/76
- 1-2047 - Underpin Diehl start 6/28/76
Air shaft 1st pour 6/4/76
- 1-0243 - Diehl Hall demolition 6/10/76
- 1-3130 - Pour stack 3 1st floor 5/27/76
- 1-3140 - Pour stack 4 1st floor 6/4/76
- 1-3300 - Pour stack 0 2nd floor 5/28/76
- 1-3400 - Pour stack 0 3rd floor east end 6/2/76
- 2-0100 - Material hoist being erected complete 6/3/76
- 2-0410 - 2-0490 - Catwalk Cores 25,26,27,28
Ready for insualtor - Fireproofer to follow up

Ground fault connectors should be removed for proper vibrating.

- 2-1040 - Poured stack 1,2,3 4th floor 5/26/76
- 2-1240 - Layout stack 1,2,3 4th floor 5/27/76

Item 5 - Hurley - Work for upcoming week:

Plumbing

1. Levels 1 and 2 of Mayo Garage on rain water leaders.
2. 8" water main change on level 2 of Mayo Garage.
3. Repairing rain water leaders on top of 2nd floor Diehl Hall tunnel.

4. Sleeving and inseting as necessary.
5. 2-0110 - Mech. anchor stack 1-3 1st floor
6. 2-0120 - Mech. anchor stack 1-3 2nd floor
7. 2-0130 - Mech. anchor stack 1-3 3rd floor
8. 2-0140 - Mech. anchor stack 1-3 4th floor
9. 2-0150 - Mech. anchor stack 1-3 5th floor
10. 2-0160 - Mech. anchor stack 1-3 6th floor
11. Install 15" underground west of grid E-1 for rainwater out of Mayo Garage.
12. 6-0410 - Horz. plumbing 1 north started.
13. 2-3110 - Underground rock still progressing
14. Layout in Diehl Hall and Mayo Hospital for changes in gas, air, cold water, hot water, circulating hot water, drinking water and recirculating drinking water.

Heating

1. 2-0110 - Mech. anchor stack 1-3 1st floor
2. 2-0120 - Mech. anchor stack 1-3 2nd floor
3. 2-0130 - Mech. anchor stack 1-3 3rd floor
4. 2-0140 - Mech. anchor stack 1-3 4th floor
5. 2-0150 - Mech. anchor stack 1-3 5th floor
6. 2-0160 - Mech. anchor stack 1-3 6th floor
7. Hangers in Unit "A" equipment room.
8. 6-1410 - Heating rough-in 1 north started.

Sheet Metal

1. 2-0110 - Mech. anchor stack 1-3 1st floor
2. 2-0120 - Mech. anchor stack 1-3 2nd floor
3. 2-0130 - Mech. anchor stack 1-3 3rd floor
4. 2-0140 - Mech. anchor stack 1-3 4th floor
5. 2-0150 - Mech. anchor stack 1-3 5th floor
6. 2-0160 - Mech. anchor stack 1-3 6th floor
7. 6-0610 Duct work on 1 north started.
8. Fabrication drawings
9. Fabricating materials

Sprinkler Fitter

1. Fabrication drawings

Pipe Coverer

1. No activity

Request that 5th floor not be poured until plan for sleeving is obtained.

No plumbing or fitters or sprinkler people will be on job June 2, Tuesday.

Parking - Hugh Lambert 373-0062
Address: 29th & Como 2nd floor
Books of 25 @ 50¢ each

Item 5 - Hurley - Work for upcoming week:
2-0140 - Anchoring stack 1 - tack welded prototype
2-5120 - Conduit Unit A to subs - continues

Branch conduit in slabs
Starting temporary for Hoist
Starting temporary for Tower Crane

Sleeving as necessary

Item 6 - Olson - Painting of steel is omitted by modification
Carlson - That is correct.

Item 7 - Hughes - When will fireproofing of exterior cores
start?

Roettger - It should start next week.

Item 8 - Carlson - Mod-turn around is becoming critical.
Mod prices needed are 5E-6E-15E-16P-17E-19A-20E-21E-22E-
23E-24E-25E-27P-28E-30E-31E.

Item 9 - Mellum - There is fireproofing on the primary
feeder.

Roettger - It will be taken care of.

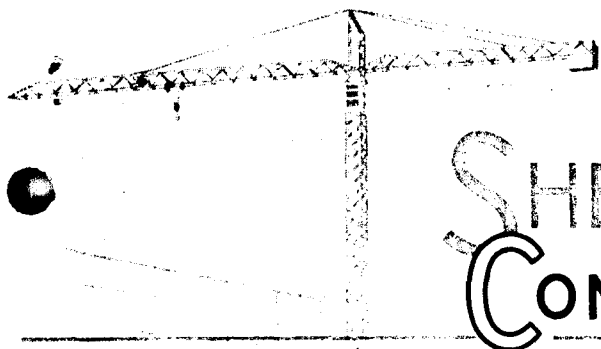
Item 10 - Hendricks - We have to watch the loading on
the Mayo Garage roof.

Hughes - This has been taken care of.

Item 11 - Campbell - We are short of mechanical information
to run the complete schedule.

Campbell - We need update information by tomorrow.

Campbell - Steel erection is 5 days behind schedule now,
concrete placement is ahead of schedule in every case.



SHEEHY CONSTRUCTION COMPANY

360 WEST LARPEUR AVE. • ST. PAUL, MINNESOTA 55113 • PHONE: 488-6691

#18

Minutes of Unit B/C Job Meeting #17
June 3, 1976

People in Attendance:

W. Wymore	C & Company
R.P. Campbell	C & Company
Bob Swanson	U of M
Jim Fallon	U of M
* Paul Kopietz	U of M
* Paul Maupin	U of M
Dick Carlson	HSAE
* John Scott	TAC
Earl Romnes	Westinghouse Elevator
Ray Anderson	Lamb Plumbing
Gene Kogl	U of M
Greg Kujawa	U of M
Jim Hastert	U of M
Wally Mellum	U of M
Gordon F. Lindholm	U of M
George Klein	Hayes Contractors
Bob Olson	Crown Iron
O.W. Hughes ✓	U of M
George Welsch	Sandberg Erection
Ken Fick	Sheehy Construction Company
Dan Walgenbach	Sheehy Construction Company
John Roettger	Sheehy Construction Company
John Washtock	Poppenberger
Tom Hurley	Premier Electric

* Not Present

Corrections:

Item 14 - Carlson - There is no revision needed to the heat shield on Unit B/C according to Lamb Plumbing & Heating Company.

Item 5 - Hurley - Work item 2-0140 - Tack welding prototype is approved. ?

Review of Minutes:

Item 13 - Roettger - New church parking lot is to be cleared out on Friday.

Item 2 - Roettger - There are no recesses shown in floors of shell space.

Carlson - We will talk about it after the meeting. I need a price from Lamb for the drains in the shell space.

Item 4 - Olson - Structural steel for stack 6 will start being delivered on Monday.

Item 5 - Hughes - Diehl Hall demolition can start Monday.
Roettger - There will be frost ball work after the walls and slabs are cut loose.

Hurley - Monday we will be moving the fire alarm conduit.

Item 7 - Roettger - Fireproofing in exterior cores will start Monday.

Item 8 - Roettger - Mod. 15-E we need a decision.

Carlson - Electrical and mechanical are holding up the decision.

Kogl - All mods to be turned into the owner in 2 weeks.

Hurley - What is the owner/HSAE turn around time?

Kogl - Normally we need 30 days. We will have a weekly review of mods.

New Business:

Item 1 - Fick - Hamilton Industries has advised again that they must have sink cutouts from Lamb in order to complete their elevation drawings.

Klein - You will have them this afternoon.

Fick - When will there be a color schedule out?

Carlson - We need more samples and then it will be a month to 6 weeks.

Item 2 - Roettger - Work for coming week:

1-1640 - Erect stack 4 - To 11th Floor

1-1650 - Erect stack 5 - To 11th Floor

Minutes of Unit B/C Job Meeting #17

June 3, 1976

Page three

1-1660 - When will we get delivery of stack 6? Monday 6/7/76
Holding wall E-18 S37 - S42

1-1730 - Delivery stacks 1,2,4,5 - 12th & 13th
Schedule says 6/8/76

1-1700 - Tower crane erection 6/14/76

1-2320 - Foundation wall E-18 - 2nd lift 6/4/76

1-3140 & 1-3150 - Pour stack 4 & 5 1st floor 6/8/76

1-3340 & 1-3350 - Pour stack 4 & 5 2nd floor 6/10/76

1-3400 - Pour stack 0 - 3rd floor east end 6/4/76

1-4101 & 1-4102 - Precast - Core 28 & 32 Should start 6/14/76

2-0410 - 2-0490 - Catwalks are being installed

2-1050 - Pour 5th floor stack 1,2,3 6/9/76

2-1400 - Fireproofing will start at these cores:

25,26,27,28, to 3rd

28 & 32 to 10th floor

completed by Friday 6/18/76

2-2102 - Insulate cores 32 to 10th

Insulate cores 28 to 10th complete

Mods. - 15-E Costing us MONEY because electrical and mechanical
have not submitted prices.

Item 3 - Klein - Work for coming week:

Plumbing

1. 2-0110 - Mechanical anchors in stacks 1-3 1st floor
2. 2-0120 - Mechanical anchors in stacks 1-3 2nd floor
3. 2-0130 - Mechanical anchors in stacks 1-3 3rd floor
4. 2-0140 - Mechanical anchors in stacks 1-3 4th floor
5. 2-0150 - Mechanical anchors in stacks 1-3 5th floor
6. 2-0160 - Mechanical anchors in stacks 1-3 6th floor
7. 2-0210 - Mechanical anchors in stacks 4-6 1st floor
8. 2-0220 - Mechanical anchors in stacks 4-6 2nd floor
9. 2-0230 - Mechanical anchors in stacks 4-6 3rd floor
10. Temporary water line in core 28.
11. 2-3110 - Underground in rock stack 0.
12. 6-0410 - Rough-in plumbing 1 north.
13. Sleeve and insert as necessary.
14. Layout in Diehl Hall and Mayo Garage.

Heating

1. 2-0110 - Mechanical anchors in stacks 1-3 1st floor
2. 2-0120 - Mechanical anchors in stacks 1-3 2nd floor
3. 2-0130 - Mechanical anchors in stacks 1-3 3rd floor
4. 2-0140 - Mechanical anchors in stacks 1-3 4th floor
5. 2-0150 - Mechanical anchors in stacks 1-3 5th floor
6. 2-0160 - Mechanical anchors in stacks 1-3 6th floor
7. Sleeve and insert as necessary.
8. Work in Unit "A" equipment room.
9. 6-1410 - Horizontal heating rough-in 1 east.

Sheet Metal

1. Sleeve and insert as necessary
2. Fabrication drawings
3. Fabricating materials
4. 2-0110 - Mechanical anchors in stack 1-3 1st floor
5. 2-0120 - Mechanical anchors in stack 1-3 2nd floor
6. 2-0130 - Mechanical anchors in stack 1-3 3rd floor
7. 2-0140 - Mechanical anchors in stack 1-3 4th floor
8. 2-0150 - Mechanical anchors in stack 1-3 5th floor
9. 2-0160 - Mechanical anchors in stack 1-3 6th floor
10. 6-0610 - Horizontal duct work 1 north

Sprinkler fitter

1. Fabrication drawings

Pipe Coverer

1. No activity

Item 4 - Hurley - Work for coming week:

Temporary service extension continues

2-0930 Conduit in slab 3rd level stack 0 east end.

Sleeving stairways D.

2-0912 Conduit in slab 1st level stack 4 & 5.

2-0950 Conduit in slab 5th level stack 1,2,3.

2-0922 Conduit in slab 2nd level stack 4 & 5.

2-0140

2-0130 Core 29 - Final approval of layout received 6/2/76

2-0120 will proceed when metal deck is set in core.

2-0110

2-0105

Laying out of core 32.

Sleeving as necessary.

Room 3-75 - Ceiling above this area must be coordinated between all trades. Major electrical systems come from core 29, to Room 3-75.

Item 5 - Hurley - I have distributed information on $\frac{1}{2}$ size drawings. If any primes want any, please contact me.

Item 6 - Walgenbach - The schedule has to be updated with Crown Iron input which has not been part of the printouts thus far. We are 2 weeks behind the original schedule now so far as erection of structural steel is concerned.

Wymore - It was my understanding Crown Iron would meet our erection schedule.

Item 6 - Hughes - We should visit Babcock's plant to view the manufacturing of the precast concrete panels.

Fick - I will set up a trip for next week.

Item 7 - Hastert - We need sprinkler fitters on the job.

Klein - They are here today.

Item 8 - Carlson - Millard Hall is to be remodeled in September and there will be revisions to the road and to Mayo plaza.

Item 9 - Carlson - I need quotations from mechanical and electrical on pipe ~~covering~~. *slave extensions*

Item 10 - Wymore - I will get information from Crown Iron on Monday.

Wymore - The most critical items on the schedule now are:

- a. Erection of structural steel
- b. Spray on fireproof plaster
- c. Underground mechanical work
- d. Impending erection of architectural precast concrete panels.

*Unit B/C Construction
Meeting Notes*

**SHEEHY
CONSTRUCTION COMPANY**

360 WEST LARPEUR AVE. • ST. PAUL, MINNESOTA 55119 • PHONE: 488-6691

Minutes of Unit B/C Job Meeting #19
June 10, 1976

People in Attendance:

W. Wymore	C & Company
Tyrone Berg	Poppenberger
Bob Swanson	U of M
Jim Hastert	U of M
Jim Fallon	U of M
* Paul Maupin	U of M
* Paul Kopietz	U of M
* Gene Kogl	U of M
* John Scott	TAC
Richard H. Hendricks	U of M - Physical Plant
Greg Kujawa	U of M
Dick Carlson	HSAE
Ed Palm	Westinghouse
Tom Hurley	Premier Electric
George Klein	Hayes Contractors
Wally Mellum	U of M
O.W. Hughes	U of M
George Welsch	Sandberg Erection
Bob Olson	Crown Iron
Ken Fick	Sheehy Construction Co.
Dan Walgenbach	Sheehy Construction Co.
John Roettger	Sheehy Construction Co.

* Not Present

Minutes of Unit B/C Job Meeting #19

June 10, 1976

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Correction of Minutes:

Minutes of June 3, 1976 change Job Meeting #17 to #18

Item 5 - Hurley - Sleeves in core 29 will be inspected on Monday.

Item 2 - Carlson - All ceramic tile is thin set except in about four small shower rooms. Where recesses have been put in I need a list of room numbers. On structural floors this could be a problem.

Roettger - I will give you the room numbers of all rooms where a recess was left in the slab.

Item 5 - Hendricks - When will frost ball work start?

Roettger - In about 2 weeks. We will give the U of M 3 days notice.

** 6/24/76 - Start Diehl Hall Tunnel - 7 days.*

Item 8 - Carlson - Critical mods need to be answered in 2 weeks.

Item 1 - Fick - I would like a transmittal from Lamb on the catalog cuts received from Lamb which we turned over to Hamilton Industries so that they can finish their elevation shop drawings for metal laboratory casework.

Item 9 - Hurley - I will have my price on pipe covering next week.

Additions: Roettger - Asked Tom Hurley if there was any electrical work to be installed in the area involving general construction work as pertains to Mod. 15-E.

Hurley - No there is not.

New Business:

Item 1 - Fick - Security system will be in operation today. Roettger will show how to operate the equipment.

Item 2 - Roettger - Work for upcoming week. 6-9-76 - 6-16-76

1-1660 - Erect Structural steel stack "6"

1-1700 - Erect tower crane core 30.

1-1730 - Erect structural steel stack 1,2,4,5 12th & 13th
Start 6/16/76 - 8 days behind schedule

1-2040 - Remove ramp - 6/21/76

1-2330 - Wall E-18 - S32 - S37 - 3rd lift 6/18/76

1-2410 - Wall E-18 - S37 - S42 - 1st lift 6/21/76

Minutes of Unit B/C Job Meeting #19

June 10, 1976

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1. * Wed. 1-3340 & 1-3350 - Pour stack 4,5 2nd floor 6/9/76
5. * Tues. 1-3400 - Pour stack "0" west 6/15/76
1-0202 & 0204 - Precast core 28 & 32 6/16/76
1-2043 - Demolition Diehl start 6/10/76
2-0410 - 0600 - Catwalks Continue
2. * Thurs. 2-1050 Pour 5th floor stack 4 & 5 6/10/76 or 6/11/76
3. Fri. Pour stairs 6/10/76 or 6/11/76
4. * Mon. 2-1060 - Pour 6th floor stack 1,2,3 6/14/76
6. * Wed. 2-1030 Pour 3rd floor stack 4 & 5 6/15/76
7. * Thurs. 2-1060 Pour 7th floor stack 1,2,3 6/16/76
8. * Fri. 2-1070 Pour 8th floor stack 1,2,3 6/17/76

2-1400 - 2-1490 - Fireproof

Cores - 25,26,27,28 - completed to 3rd floor 6/9/76

Cores - 28,32 - completed to 10th 6/11/76

Floors 1,2,3,4 - follow pours

- 4-0002 - 0004 - Insulate cores 28 & 32 - complete 6/10/76
2-3210 - Fill stack "0" - 6/21/76 state

Item 3 - Klein - Work for upcoming week.

Plumbing

1. 2-0110 - Mech. anchors stacks 1-3 1st floor
2. 2-0120 - Mech. anchors stacks 1-3 2nd floor
3. 2-0130 - Mech. anchors stacks 1-3 3rd floor
4. 2-0140 - Mech. anchors stacks 1-3 4th floor
5. 2-0150 - Mech. anchors stacks 1-3 5th floor
6. 2-0160 - Mech. anchors stacks 1-3 6th floor
7. 2-3110 - Underground in rock stack 0
8. 6-0410 - Rough in plumbing 1 north
9. Sleeve and insert as necessary
10. Layout in Diehl and Mayo
11. R.W. Leader on Diehl Hall tunnel
12. Air line on level 1 Mayo Hospital
13. Modification #28 E. started (Heat shaft)
14. Raising existing lines in Unit "A"
15. Temporary water line in core 28 complete thru 5th floor.
16. 2-0210 - Mech. anchors stacks 4-6 1st floor
17. 2-0220 - Mech. anchors stacks 4-6 2nd floor
18. 2-0230 - Mech. anchors stacks 4-6 3rd floor
19. 2-0240 - Mech. anchors stacks 4-6 4th floor
20. 2-0250 - Mech. anchors stacks 4-6 5th floor
21. 4-1201 - Install plumbing core 25 thru 3rd floor
22. 4-1202 - Install plumbing core 26 thru 3rd floor
23. 4-1203 - Install plumbing core 27 thru 3rd floor
24. 4-1204 - Install plumbing core 28 thru 3rd floor

Next
Monday

Heating

1. 2-1001 - Mech. anchors stacks 1-3 1st floor
2. 2-0120 - Mech. anchors stacks 1-3 2nd floor
3. 2-0130 - Mech. anchors stacks 1-3 3rd floor
4. 2-0140 - Mech. anchors stacks 1-3 4th floor
5. 2-0150 - Mech. anchors stacks 1-3 5th floor
6. 2-0160 - Mech. anchors stacks 1-3 6th floor
7. 2-0210 - Mech. anchors stacks 4-6 1st floor
8. 2-0220 - Mech. anchors stacks 4-6 2nd floor
9. 2-2030 - Mech. anchors stacks 4-6 3rd floor
10. 2-0240 - Mech. anchors stacks 4-6 4th floor
11. 2-0250 - Mech. anchors stacks 4-6 5th floor
12. Work in Unit "A" equipment room
13. Sleeve and insert as necessary
14. 6-1410 Horizontal heating 1st north
15. Support iron on basement ceiling.

Sheet Metal

1. 2-1001 - Mech. anchors stacks 1-3 1st floor
2. 2-0120 - Mech. anchors stacks 1-3 2nd floor
3. 2-0130 - Mech. anchors stacks 1-3 3rd floor
4. 2-0140 - Mech. anchors stacks 1-3 4th floor
5. 2-0150 - Mech. anchors stacks 1-3 5th floor
6. 2-0160 - Mech. anchors stacks 1-3 6th floor
7. 2-0210 - Mech. anchors stacks 4-6 1st floor
8. 2-0220 - Mech. anchors stacks 4-6 2nd floor
9. 2-0230 - Mech. anchors stacks 4-6 3rd floor
10. 2-0240 - Mech. anchors stacks 4-6 4th floor
11. 2-0350 - Mech. anchors stacks 406 5th floor
12. Sleeve and insert as necessary.
13. 6-0610 - Horizontal duct work 1st north.
14. 6-0620 - Horizontal duct work 2nd floor.
15. Fabrication drawings and materials

Sprinkler Fitter

1. Sleeve and insert as necessary
2. Fabrication drawings
3. 6-1610 - Horizontal sprinkler rough-in 1st floor north

Pipe Coverer

1. No activity

Item 4 - Hurley - Work for upcoming week.

1. New general foreman, Mr. Roger Joyce, will be reporting on Monday, June 14, 1976.
2. Mr. Ronald Mohrmann will be second in charge as Foreman.

Temporary Service extension continues

Mayo area start next week
Diehl tunnel working in start with General.

2-0140 - Core 29 4th anchoring Monday 2-0150
2-1050 - Core 29 5th anchoring Monday
2-0130 - Core 29 3rd start layout and set sleeves some welding
2-0120 - Core 29 2nd
2-0110 - Core 20 1st
2-0920 - Branch conduit slab. 2nd floor north
2-0930 - Branch conduit slab. 3rd floor north
2-0940 - Branch conduit slab. 4th floor
2-0950 - Branch conduit slab. 5th floor
2-0960 - Branch conduit slab. 6th floor
Branch conduit slab. 7th floor - Minor
2-0980 - Branch conduit slab. 8th floor

Connecting tower crane - expect to be complete Friday this week skip wired.

Item 5 - Hurley - I have requested an equipment/schedule from Lamb. *DEL.*

Item 6 - Hurley - We are making a study of temporary electrical power loads to alert us to any possible shortage.

Item 7 - Mellum - July 30, we will be ready for pulling conduit in the animal area.

2. N
Item 8 - Welsch - I need more area at east end of Delaware for unloading architectural concrete.

Hughes - I will check when church lot is available.

Item 9 - Mellum - We need information on room 3-75.

Carlson - I have a modification ready for prime contractors input. I request that concrete be put on hold until feedback is received.

Hughes - We need an answer to the general contractor on Monday, June 14, 1976.

Item 10 - Hughes - There is a "hold" on the 15" drain on E1 line.

Klein - I am missing one fitting.

Item 11 - Hughes - When will the door and frame be installed in Mayo?

Roettger - Tuesday.

Item 12 - Hughes - Specifications read that a resident superintendent be on the job. Can your new general foreman act in that respect?

Hurley - He can make field decisions and will be here at all times.

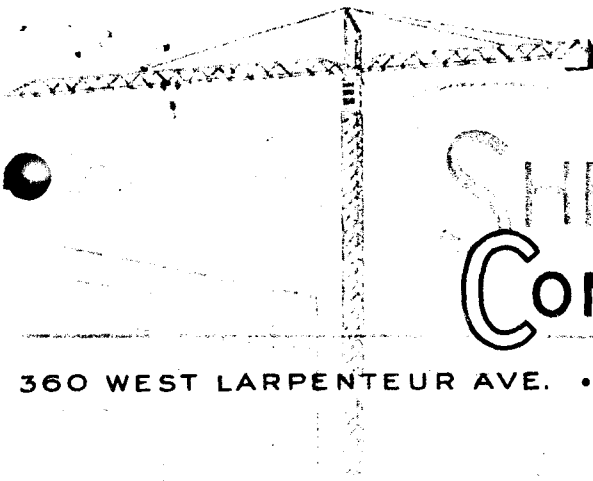
Item 13 - Hastert - Lamb is in violation of their contract by not having risers 2 floors below the deck.

Klein - I cannot comply because of a modification that changes size and direction of the fire line. Risers are being installed now.

Fallon - I suggest that the modification number be included in the minutes. (The above refers to mod. ~~18~~²⁰-E)

Item 14 - Wymore - The critical items are structural steel, fireproofing, precast concrete and mechanical underground. There are some mechanical and electrical items with super long durations. Some of these will become critical if not followed up.

Item 15 - Berg - When we start installing walls, and there are changes in walls installed someone will have to pick up the tab for changes, if we are not included in the modifications.



SHEEHY CONSTRUCTION COMPANY

360 WEST LARPENTEUR AVE. • ST. PAUL, MINNESOTA 55119 • PHONE: 488-6691

Elevators - Start 19 July

Minutes of Unit B/C Job Meeting #20
June 17, 1976

~~_____~~
~~_____~~
~~_____~~

People in Attendance:

- | | |
|----------------------|-----------------------------|
| John Washtock | Poppenberger |
| Woody Jensen | Poppenberger |
| R. P. Campbell | C & Company |
| Paul Maupin | U of M |
| Earl Romnes | Westinghouse Elevator |
| * Ed Palm | Westinghouse Elevator |
| Tom Hurley | Premier Electric |
| Duane E. Blanchard | HSAE |
| Gene Kogl | U of M |
| George Klein | Hayes Contractors |
| Greg Kujawa | U of M |
| O. W. Hughes ✓ | U of M |
| George Welsch | Sandberg Erection |
| Roger Joyce | Premier Electric |
| Ken Fick | Sheehy Construction Company |
| Dan Walgenbach | Sheehy Construction Company |
| John Roettger | Sheehy Construction Company |
| Jim Fallon | U of M |
| * Paul Kopietz | U of M |
| * Bob Swanson | U of M |
| * John Scott | TAC |
| Jim Hastert | U of M |
| Wally Mellum | U of M |
| Richard H. Hendricks | U of M - Physical Plant |

* Not Present

Correction of Minutes:

Item 5 - Roettger - Frost ball work in the Diehl Tunnel will start in 2 weeks. There will be a monitoring of the work.

Item 8 - Fick - What is the status of Mod. 16-P? This is the Mod. that enlarges an elevator car. I do not have enough information on this Mod. to evaluate it.

Blanchard - We have not received any further information from any of the Primes.

Item 1 - Fick - The B/C building will be under surveillance about July 1st; 611 Delaware Street is now.

Item 6 - Hurley - We are still evaluating the temp. power situation. As equipment is added we will have to watch it.

Kogl - Is there any zoning planned for the temp. lights so all but emergency lighting can be turned off at night?

Hurley - No there is not.

Hurley - At sometime in the future there will be trades working after hours, who is responsible for the temp. lights?

Kogl - The prime contractor who's work is being done.

Item 7 - Mellum - July 30th the owner will be ready for pulling of wire in conduit in the animal area.

Item 9 - Roettger - We were given a release on Tuesday to pour Room 3-75.

Item 11 - Fick - The door and frame are those in the Mayo garage that were damaged during demolition. They will be replaced by Tuesday.

Item 13 - Klein - In order to meet the specifications on fire control, we must keep the sprinkler risers two floors below the metal decking.

Item 15 - Jensen - When walls and ceilings are in place and some changes are made, who is responsible for the patching and repair work?

Blanchard - If there is no prime given responsibility for patching, then the prime contractor that is doing the work should include money for patching.

New Business:

Item 1 - Fick - What further information is needed for Mod. 5-E? This is the change in underpinning of Diehl Hall.
Kogl - I think there is a small credit for rock excavation coming.

Walgenbach - I will check and have an answer on Thursday.

Item 2 - Fick - The resubmittals on hollow metal and hardware are getting critical because we intend to start masonry in August.

Blanchard - I will look into it.

Item 3 - Fick - Elevator and escalator shop drawings have not been approved by HSAE yet. The locations, sizes, and configurations of openings we are leaving in the slabs for them are as given to us by Westinghouse. Obviously Sheehy could not hold up the pours until those shop drawings are approved.

Item 4 - Klein - I need openings left in the exterior wall on floors 10 and 15 for equipment.

Roettger - We will coordinate this.

Item 5 - Fick - When will the underpinning of Diehl start?

Roettger - I am not sure right now.

Item 6 - Hughes - Civil engineering has an extension on the top of airshaft A. I have asked Sheehy to give an estimate on this work.

Item 7 - Klein - The reheat coils for floors 2 and 3, I am going to need quickly.

Item 8 - Kogl - There was some unscheduled work done by the electrical contractor in the Mayo area. From now on all work done in existing buildings must be scheduled with the U of M.

Item 9 - Kogl - I have received a letter from the church about use of the parking lot. It will not be used for a staging or storage area, and it must be policed on Fridays. Pedestrian traffic in that area should be curtailed. The lot should be available by the 4th of July.

Item 10 - Blanchard - There will be some galvanized deck coming rather than the specified. However galvanized is a superior product.

Item 11 - Blanchard - I would like to have a format on how the fireproofing of the columns to the precast will be handled.

Jensen - We will present this once we find out what the clearance is of the precast to the columns.

Item 12 - Hurley - All Mods. have been turned in with the exception of 17-E and 19-E. 31-E will need a four week turn around because we need information from a supplier.

Hurley - There were some areas on the pour schedule that were changed on very short notice.

Roettger - There were complications on two pours and I had to switch the schedule. This will happen only infrequently and I will give you all possible notice when it does.

Item 13 - Hughes - Perhaps we need more foreman's meetings.

Item 14 - Hendricks - There has been operational interference on elevator 11. When will this elevator not have to be used?

Hughes - There is transportation available now.

Item 15 - Campbell - Even with the slow down of fabrication of structural steel the overall schedule is still valid.

Walgenbach - I tend to disagree because the change in plans will tend to slow the enclosure of the building.

Campbell - We need a review of cash flow in areas that are starting early.

Item 16 - Fallon - We need modifications back as soon as possible. Some mods. are tied together so if everyone cooperates it will make it easier.

Item 17 - Roettger - Work for upcoming week. 6/17/76

- 1100 - Open Delaware - 7/20/76 - Remove all Mtrl(not a storage area)
- 1-1660 - Erect Structural steel - stack "6" to 11th floor
- 1-1700 - Tower Crane - In operation
- 1-0020 - Remove animals from ~~May~~ - 7/21/76 Diehl
- 1-1280 - Excavate Footings - stack 7-8-9 Start 6/29/76
- 1-1730 - Erect Structural steel - Stack 1-2-4 & 5-12 & 13 Floors 6/21/76
- 1-2040 - Remove Ramp Start 6/23/76
- 1-2047 - Underpin Diehl Start 6/23/76 6/28
- 1-2410 - Foundation Wall - E-18 - S-37 - S-42 1st Lift 6/18/76
- 1-3160 - Pour 1st Floor Stack "6" 6/25/76 6/28

Minutes of Unit B/C Job Meeting # 20

June 17, 1976

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- 1-3360 - Pour 2nd floor Stack "6" 6/30/76
- 1-3400 - Pour 3rd floor Stack "0" 6/18/76 3
- 1-3510 - W/P and Insulate Delaware 6/25/76
- 1-2043 - Diehl hall tunnel demolition 6/23/76

- 2-0510 - 20590 Catwalks - stacks 4-6 continue 1st to 9th
- 2-1030 - Poured stacks 1-5 3rd floor 6/16/76 1
- 2-1040 - Pour stack 4 and 5 4th floor 6/21/76 4
- 2-1050 - Pour stack 4 and 5 5th floor 6/23/76 6
- 2-1060 - Pour stack 4 and 5 6th floor 6/25/76 8
- 2-1070 - Pour stack 1-2 and 3 7th floor 6/17/76 2
- 2-1080 - Pour stack 1-2 and 3 8th floor 6/22/76 5
- 2-1090 - Pour stack 1-2 and 3 9th floor 6/24/76 7
- 2-1100 - Pour stack 1-2 and 3 10th floor 6/28/76 9
- 2-1070 - Pour stack 4 and 5 7th floor 6/29/76 10
- 2-1400 - Fireproof 3 - guns Continue
- 2-3210 - Fill ~~st~~ on Gr Stack "0" 6/23/76
Slab.

- 4-0202 - Set precast - core 28 Start 6/16/76 will continue
- 4-1015 - Window Delivery ~~6/28/76~~ *Delay - 7/13*
- 4-8010 - Core and shaft walls - start ~~7/12/76~~
Delivery

Item 18 - Klein - Work for upcoming week. 6/17/76

Plumbing

- 2-0110 - Mech. anchor stacks 1-3 1st floor - complete
- 2-0120 - Mech. anchor stacks 1-3 2nd floor - complete
- 2-0130 - Mech. anchor stacks 1-3 3rd floor - complete
- 2-0140 - Mech. anchor stacks 1-3 4th floor - complete
- 2-0150 - Mech. anchor stacks 1-3 5th floor - complete
- 2-0210 - Mech. anchor stacks 4-6 1st floor
- 2-0220 - Mech. anchor stacks 4-6 2nd floor
- 2-0230 - Mech. anchor stacks 4-6 3rd floor
- 2-0240 - Mech. anchor stacks 4-6 4th floor
- 2-0250 - Mech. anchor stacks 4-6 5th floor

Sleeve and insert as necessary

Air line in Mayo Hospital 1st floor

Modification #28-E just about complete.

2-3110 - Underground in rock stack 0 started.

Changing lines in Unit "A" chiller pit.

Changing rain water leaders on Diehl Hall tunnel.

6-0410 Horz. Plumbing 1 North

15" underground out of Mayo Garage.

Heating

- 2-0110 - Mech. anchors stack 1-3 1st floor - complete
- 2-0120 - Mech. anchors stack 1-3 2nd floor - complete
- 2-0130 - Mech. anchors stack 1-3 3rd floor - complete

Minutes of Unit B/C Job Meeting #20

June 17, 1976

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- 2-0140 - Mech. anchors stack 1-3 4th floor - complete
- 2-0150 - Mech. anchors stack 1-3 5th floor - complete
- 2-0210 - Mech. anchors stack 4-6 1st floor
- 2-0220 - Mech. anchors stack 4-6 2nd floor
- 2-0230 - Mech. anchors stack 4-6 3rd floor
- 2-0240 - Mech. anchors stack 4-6 4th floor
- 2-0250 - Mech. anchors stack 4-6 5th floor

Sleeve and insert as necessary

Work in unit "A" equipment room.

6-1410 - Horz Heating 1 North

Work in Heat Shaft

Sheet Metal

- 2-0110 - Mech. anchors stacks 1-3 1st floor - complete
- 2-0120 - Mech. anchors stacks 1-3 2nd floor - complete
- 2-0130 - Mech. anchors stacks 1-3 3rd floor - complete
- 2-0140 - Mech. anchors stacks 1-3 4th floor - complete
- 2-0150 - Mech. anchors stacks 1-3 5th floor - complete
- 2-0210 - Mech. anchor stack 4-6 1st floor
- 2-0220 - Mech. anchor stack 4-6 2nd floor
- 2-0230 - Mech. anchor stack 4-6 3rd floor
- 2-0240 - Mech. anchor stack 4-6 4th floor
- 2-0250 - Mech. anchor stack 4-6 5th floor

Sleeve and insert as necessary

4-3201 - Basement - 5 Core 25

4-3202 - Basement - 5 Core 26

6-0610 - 1st floor north Horz. duct

Fabrication drawings

Fabrication of materials

Sprinkler Fitter

4-2215 - Install fire protection Bsmt. - 5 Stair "A"

6-1610 - Horz. Sprinkler rough 1 north

Fabrication drawings

Fabrication of materials

Pipe Coverer

No activity

Item 19 - Hurley - Work for upcoming week. 6/17/76

Next week progress (6/21/76 thru 6/25/76)

W.I.

1-4770 - Mayo started June 14, 1976

1-4775 - Diehl expected start June 25, 1976 or June 28, 1976

Minutes of Unit B/C Job Meeting #20
June 17, 1976
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- 2-0110 - Anchoring cores 1st floor Core 29
- 2-0120 - Anchoring cores 2nd floor Core 29
- 2-0130 - Anchoring cores 3rd floor Core 29
- 2-0150 - Anchoring cores 5th floor Core 29
- 2-0160 - Anchoring cores 6th floor Core 29
- 2-0210 - Anchoring cores 1st floor Core 32
- 2-0930 - Branch Conduit slab 3rd floor north
- 2-0940 - Branch Conduit slab 4th floor
- 2-0950 - Branch Conduit slab 5th floor
- 2-0960 - Branch Conduit slab 6th floor
- Branch Conduit slab 7th floor - minor.
- 2-0980 - Branch Conduit slab 8th floor
- 2-0989 - Branch Conduit slab 9th floor
- 2-0990 - Branch Conduit slab 10th floor

Temporary Service extension continues

Need to keep access for Emergency generators and High voltage switchgear transformers which are to be installed in basement, 10th floor and 15th floor.

Expected delivery - October 1976

CONSTRUCTION COMPANY

360 WEST LARPEUR AVE. •

MINNESOTA 55113 • PHONE: 488-6691

Minutes of Unit B/C Job Meeting #21
June 25, 1976

People in Attendance:

W. Wymore	C. & Company
Bob Swanson	U of M
R.P. Campbell	C. & Company
John Washtock	Poppenberger
Earl Romnes	Westinghouse Elevator
* Ed Palm	Westinghouse Elevator
Duane E. Blanchard	HSAE
O.W. Hughes	U fo M
Gene Kogl	U of M
George Klein	Hayes
Greg Kujawa	U of M
Jim Culligan	Premier
Roger Joyce	Premier
Bob Olson	Crown Iron
Wally Mellum	U of M
Jim Fallon	U of M
* Paul Kopietz	U of M
* John Scott	TAC
* Jim Hastert	U of M
Richard H. Hendricks	U of M-Physical Plant
Tyrone Berg	Poppenberger
* Dick Carlson	HSAE
Ken Fick	Sheehy Construction Co.
Dan Walgenbach	Sheehy Construction Co.
John Roettger	Sheehy Construction Co.
* Not Present	

Corrections of Minutes:

- 1-0020 - Remove animals from Mayo should read from Diehl instead.
- 4-8010 - Core and shaft wall delivery - start 7/12/76.

Review of Minutes:

Item 5 - Roettger - Frost ball work will finish next week.
Campbell - What happens if we get rain?
Roettger - We are trying to prevent water leakage.
Hughes - We have a formal report coming from Twin City Testing on the vibration level.

Item 8 - Fick - I will submit mod 16-P next week.
Blanchard - Mods from prime contractors are in good shape.

Item 1 - Roettger - There will be a check-in point for the surveillance system on second floor north-west corner.

Item 13 - Klein - The fire chief has looked at the sprinklers for location of connections.

Item 15 - Blanchard - If there is no prime given specified responsibility for patching, then the prime contractor that is doing the work should include money for patching.

Item 3 - Romnes - Westinghouse needs its drawings back from HSAE as we are due to start work in 3 weeks.

Item 4 - Walgenbach - All concerned parties to meet on openings that are to be left in facia for delivery of electrical and mechanical items.

Item 6 - Hughes - Civil engineering has a change on the heat shaft ~~lines~~, I have requested that Sheehy give an estimate on this. *lines*

Item 9 - Kogl - I have asked the church to submit a list of damages for review by the insurance company.

Item 11 - Berg - Will have a fireproofing schedule and format by Monday.

Item 14 - Hendricks - I would like to cut off contractors access to mechanical room of Unit A from the west.
Culligan - Premier needs this access for A awhile yet.
Hendricks - I will change locks and give Premier a key.

Item 15 - Campbell - Bill and Dan should get together and evaluate the slow-down of steel delivery as it affects the entire project.

Item 17 - 1100 - Kogl - There is a go ahead for the waterproofing of Delaware.
Blanchard - In the alcoves adjacent to 'A' how is the waterproofing going to be handled?
Kogl - We will discuss it at a separate meeting early next week.
Campbell - The term "open Delaware" should be changed to "available for U of M use."
Joyce - Premier is being held up on 10th floor conduit that goes into the slab.

New Business:

Item 1 - Fick - When is the meeting on waterproofing?
Blanchard - We will establish a time and notify you.
Fick - Can we cover the plaster or drywall situation at this time?
Kogl - Yes we can.

Item 2 - Fick - I request from the owner a letter stating that the change from plaster to drywall partitions will be made. So far as the scope and details of the change are concerned, they can be worked out later.
Kogl - There will be a letter sent out.

Item 3 - Fick - Sound isolation and trash chute shop drawings are becoming critical and we need them back from HSAE.

Item 4 - Klein - We need more area to work, can the fireproofer put on a 4th gun?
Roettger - We will look into and evaluate it.

Item 5 - Romnes - Color selection is a problem - our cabs have been taken out of production because of the lack of a color selection. *→ schedule*
Blanchard - This is a complex problem. The contractors have to submit samples and color selections and then HSAE and the owner will evaluate them.

Item 6 - Fick - Specifications call for 2 elevators for contractor use, will this affect them?
Romnes - They have temporary cabs and will not be affected.

Item 7 - Blanchard - Transom panels are to be fastened as per details from HSAE dated June 23, 1976, from Al Newcomer.

Item 8 - Walgenbach - July 6th we will start removing precast and windows from Unit A.

Item 9 - Walgenbach - The removal of the animals from Mayo, when will this be accomplished? If it is going to be late, we will have to reschedule certain activities.
Kogl - We will let you know.

Item 10 - Mellum - If the July 30th date for pulling wires cannot be met, I will need a week's notice.

Item 11 - Kogl - Information on telelift has this been given to the contractors?
Blanchard - I have received no instructions to release this information.

Item 12 - Blanchard - Subcontractor lists from electrical and mechanical are very critical. They are not complete enough to be acceptable.

Kogl - I want them complete before next week's meeting.

Item 13 - Campbell - The schedule is a week behind on structural steel. Underground mechanical is behind, concrete placement is in good shape.

Item 14 - Swanson - Need dust protection in ~~Diehl Hall~~ *Unit A, 1st floor*.

Item 15 - Sheehy - Work for upcoming week:

1100 - Open Delaware 7/20/76 W/P to start 7/1/76

Test over weekend

1-3510 - Has W/P system been approved? Start 7/2/76
(conc. not cured)

1-1660 - Erect. St. Steel - stack 6 - bolting up

1-0020 - Remove animals from Mayo 7/21/76

1-1280 - Excavate footings stack 7,8,9 6/24/76

1-1730 - Erect st. steel stack 1,2,4,5

12th & 13th floor start 6/24/76

1-2040 - Remove ramp start 6/24/76

1-2047 - Underpin Diehl start 6/28/76

1-3160 - Pour 1st floor stack 6 6/28/76

1-3360 - Pour 2nd floor stack 6 6/30/76

1-2043 - Diehl Hall tunnel demolition-should be complete 7/2/76

2-0510 -2-0590 - Catwalks - to continue

2-1060 - Pour 6th floor stack 4 & 5 6/25/76

2-1070 - Pour 7th floor stack 4 & 5 6/29/76

2-1080 - Pour 8th floor stack 4 & 5 7/1/76

2-1090 - Pour 9th floor stack 4 & 5 7/6/76

4-0204 - Set precast core 32 complete 6/25/76

4-0206 - Set precast between 28 & 32 - start 6/28/76

2-1400 - Fireproof - 3 guns going complete floor before moving

2-3210 - Fill stack 0 - start 6/25/76

Item 16 - Klein - work for upcoming week:

Plumbing

1. 2-0160 - Mech. anchors stacks 1-3 6th floor complete

2. 2-0210 - Mech. anchors stacks 4-6 1st floor

3. 2-0220 - Mech. anchors stacks 4-6 2nd floor

4. 2-0230 - Mech. anchors stacks 4-6 3rd floor

5. 2-0240 - Mech. anchors stacks 4-6 4th floor

6. 2-0250 - Mech. anchors stacks 4-6 5th floor

7. Sleeve and insert as necessary

8. Air line in Mayo and Diehl Hall

9. 2-3110 - Mech. underground in stack 0 started

10. 6-0410 - Horz. plumbing 1st floor north

11. Temp. hook up of R.W. Leader on Diehl Hall roof

12. Raising lines in Unit "A" complete

Heating

1. 2-0160 - Mech. anchors stacks 1-3 6th floor complete
2. 2-0210 - Mech. anchors stacks 4-6 1st floor
3. 2-0220 - Mech. anchors stacks 4-6 2nd floor
4. 2-0230 - Mech. anchors stacks 4-6 3rd floor
5. 2-0240 - Mech. anchors stacks 4-6 4th floor
6. 2-0250 - Mech. anchors stacks 4-6 5th floor
7. Sleeve and insert as necessary
8. Work in Unit "A" equipment room
9. 6-1410 - Horz. heating 1st floor north
10. 6-1402 - Horz. heating basement north

Sheet Metal

1. 2-0160 - Mech. anchors stacks 1-3 6th floor complete
2. 2-0210 - Mech. anchors stacks 4-6 1st floor
3. 2-0220 - Mech. anchors stacks 4-6 2nd floor
4. 2-0230 - Mech. anchors stacks 4-6 3rd floor
5. 2-0240 - Mech. anchors stacks 4-6 4th floor
6. 2-0250 - Mech. anchors stacks 4-6 5th floor
7. Sleeve and insert as necessary
8. 6-0610 - Horz. duct 1st floor north
9. 4-3201 - Duct basement 5 core 25
10. 4-3202 - Duct basement 5 core 26
11. 4-3203 - Duct basement 5 core 27

Sprinkler Fitter

1. Fabrication drawings
2. Fabricating materials
3. 6-1610 - Horz. sprinkler 1 north.
4. 4-2215 - Fire prot. basement 5 stair A
5. 4-2235 - Fire prot. 5-10 stair A

Pipe Coverer

1. No activity

~~Item 17 - Joyce - Work for upcoming week:~~

W.I.

- 1-4775 Diehl expects to start
- 2-0110 Anchoring cores 1st floor Core 31 and 32
- 2-0120 Anchoring cores 2nd
- 2-0130 Anchoring cores 3rd
- 2-0140 Anchoring cores 4th
- 2-0160 Anchoring cores 6th All cores
- 2-0260 Anchoring cores 6th All cores
- 2-0980 Branch conduit (slab) 8th floor
- 2-0989 Branch conduit (slab) 9th floor
- 2-0990 Branch conduit (slab) 10th floor

Continue temp. lighting on floors and extension on temp. power.

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CONSTRUCTION COMPANY

360 WEST LARPEUR AVE. •

• PHONE: 488-6691

MINUTES OF UNIT B/C JOB MEETING #22
JULY 1, 1976

People in Attendance:

W. Wymore	C. & Company
Tom Hurley	Premier Electric
R. P. Campbell	C. & Company
Tyrone Berg	Poppenberger
Ed Palm	Westinghouse Elevator
Earl Romnes	Westinghouse Elevator
Gene Kogl	U of M
Dick Carlson	HSAE
* Duane Blanchard	HSAE
* John Scott	TAC
* Paul Maupin	U of M
Bob Swanson	U of M
 	U of M
Greg Kujawa	U of M
George Welsch	Sandberg Erection
Bob Olson	Crown Iron
Gordon Lindholm	U of M - Physical Plant
Jim Fallon	U of M
* Paul Kopietz	U of M
* Wally Mellum	U of M
Jim Hastert	U of M
Leo Strand	Hayes Contractors
Dan Walgenbach	Sheehy Construction Company
John Roettger	Sheehy Construction Company
Ken Fick	Sheehy Construction Company

* Not Present

CORRECTION OF MINUTES

The term "Open Delaware" should be changed to "Available for Contractor's Use".

Item 5 - Romnes - Our cabs have been taken out of the production schedule due to lack of a color selection.

Carlson - HSAE needs color schemes for the finish of the inside of the elevator cabs.

Romnes - The specifications call for HSAE to make a selection and samples are not called for.

REVIEW OF MINUTES

Item 1 - Fick - Meeting on waterproofing has been held. What was the decision on Delaware?

Kogl - Delaware has been approved.

Item 3 - Carlson - Trash chute drawings will be sent out next week.

Item 5 - Carlson - We will ask the contractors to put a priority on colors and we will work on these first.

Item 7 - Fick - I would like to investigate the method of fastening the transom panels further.

Item 8 - Kogl - The defective windows that are in Unit 'A' have to be corrected by Flour City. This will have to be coordinated by O. Hughes.

Item 9 - Kogl - There will be further information coming on the pneumatic tube system.

Item 12 - Carlson - Mechanical has made arrangements for their submittals.

Hurley - Premier will mail in their list of submittals tomorrow.

NEW BUSINESS

Item 1 - Campbell - Revised schedule will be out next Tuesday. Cooperation on this project has been exceptionally good.

Item 2 - Hurley - Need mechanical information for 10th floor.

Carlson - Shop drawings are in to the U of M now.

Kogl - Klein is going to revise these drawings so the information must come from Hayes.

July 1, 1976

Page Three

Item 3 - Hurley - There was a meeting among contractors earlier and Premier was to get the bottom 10" of the ceiling. If there are any discrepancies to this, I would like to know.

Item 4 - Fick - Sheehy would like Westinghouse's approved drawings.

Item 5 - Romnes - Rails and brackets are being shipped 7-12. Will start installing 7-19.

Item 6 - Hughes - Fireproofing has been under pressure, as more area is available they should be well ahead.

Item 7 - Kogl - Lights are on unnecessarily. Can this be monitored closely? Barricades when moved must be replaced for job safety.

Item 8 - Berg - Do the dividing channel rail supports in the elevators get fireproofed?
Carlson - No they do not.

Item 9 - Walgenbach - There are some mods. that we need answers on.
Carlson - Please get me the mod. numbers and we will expedite them.

Item 10 - Walgenbach - Is the caulking approved for B/C?
Carlson - Yes it is.

Item 11 - Roettger - Work for the week:

1. We would like to get a list from all contractors of shop drawings and dates submitted to the architect for approval. I feel approval is taking much too long!

1-3510 - W/P Delaware - 7-2-76

1-1660 - Erect St. Steel - Stack 6 - Complete 7-1-76

1-0020 - Remove animals from Mayo - 7-21-76

1-1730 - Erect St. Steel stack 1, 2, 4 & 5 - 12th & 13th fl. 7-1-76

1-2040 - Remove Ramp - Start 6/30/76

1-2047 - Underpin Diehl - Started 6/29/76

2-1040 - Pour 4th fl. stack 6 - 7/1/76

2-1050 - Pour 5th fl. stack 6 - 7/1/76

1-2420 - Foundation Wall E-18 - S-37 - S-42 - 2nd Lift, S-31 - S-33 2nd Lift 7/2/76

2-1060 - Pour - 6th fl. stack 6 - 7/6/76

1-3360 - Pour 2nd fl. stack 6 - 7/7/76

2-1070 - Pour 7th fl. stack 6 - 7/8/76

1-2310 - Foundation Wall - #-18 - S-31 - Heat Shaft 3rd Lift 7/9/76

2-1080 - Pour 8th fl. stack 6 7/9/76

2-1000 - Slab On Grade Stack 0 - Chiller form & Pit fine grade 7/12/76

2-1090 - Pour 9th fl. stack 6 - 7/12/76

Minutes of Unit B/C Job Meeting #22

July 1, 1976

Page Four

- 2-1100 - Form 10th fl. stack 1, 2 & 3 - Started 6/29/76
- 2-1000 - Pour chiller pit - 7/13/76
- 2-1030 - Pour 3rd fl. stack 6 - 7/14/76
- 2-1100 - Pour 10th fl. stack 1, 2 & 3 - 7/15/76
- 4-0206 - See precast between 28 & 32 - Complete 7/1/76
- 4-0208 - Set precast Stair 'B' - Start 7/2/76
- 2-1400 - Fireproof 3 guns going - Add - 1 - 7/6/76
- 2-3210 - Fill stack 'O' - Working on it.
- 1-3220 - Backfill #-18 - S-25 - S-32 - Started 6/30/76
Escalator trusses - Delivery - Week of 7/6/76

Item 12 - Klein - work for the week:

Plumbing

- 2-0210 - Mech. anchors stack 4-6 1st floor complete
- 2-0220 - Mech. anchors stack 4-6 2nd floor complete
- 2-0230 - Mech. anchors stack 4-6 3rd floor complete
- 2-0240 - Mech. anchors stack 4-6 4th floor complete
- 2-0250 - Mech. anchors stack 4-6 5th floor complete
Sleeve & insert as necessary
- 2-3110 - Underground mech. in rock stack 0
- 2-3120 - Underground mech. in rock stack 4-5-6-3
- 4-1201 - Install plumbing B-5 Core 25
- 4-1202 - Install plumbing B-5 Core 26
- 4-1203 - Install plumbing B-5 Core 27
- 4-1204 - Install plumbing B-5 Core 28
- 6-0410 - Install plumbing 1st floor north

Heating

- 2-0210 - Mech. anchors stack 4-6 1st floor complete
- 2-0220 - Mech. anchors stack 4-6 2nd floor complete
- ~~2-0230 - Mech. anchors stack 4-6 3rd floor complete~~
- 2-0240 - Mech. anchors stack 4-6 4th floor complete
- 2-0250 - Mech. anchors stack 4-6 5th floor complete
Sleeve & insert as necessary.

Lines in unit "A" equipment room

6-1410 Horz. Heating 1st floor north.

Work in the Heat Shaft

Sheet Metal

- 2-0210 - Mech. anchors stacks 4-6 1st floor complete
- 2-0220 - Mech. anchors stacks 4-6 2nd floor complete
- 2-0230 - Mech. anchors stacks 4-6 3rd floor complete
- 2-0240 - Mech. anchors stacks 4-6 4th floor complete
- 2-0250 - Mech. anchors stacks 4-6 5th floor complete

Sheet Metal (Cont'd.)

Sleeve and insert as necessary

Work in Core 21 of unit "A"

6-0610-Horz. duct work 1st floor north

6-0620 - Horz. duct work 2nd floor

4-32-1 - Duct work B-5 Core 25

4-3202 - Duct work B-5 Core 26

4-3203 - Duct work B-5 Core 27

4-3204 - Duct work B-5 Core 28

Sprinkler Fitter

4-2215-Fire Protection B-5 stair "A" complete

4-2235-Fire Protection 5-10 stair "A" complete

6-1610-Horz. Fire Protection 1st floor north

6-1620 - Horz. Fire Protection 2nd floor

Sleeve and insert as necessary

Pipe Coverer

No activity

Item 13 - Hurley - work for the week:

1-4770 - Mayo Conduit 90% Complete

2-0105 - Anchoring Stacks 1-3 Core 32 Bsmt. Complete

2-0110 - Anchoring Stacks 1-3 Core 32 1st Complete

2-0120 - Anchoring Stacks 1-3 Core 32 2nd Complete

2-0130 - Anchoring Stacks 1-3 Core 32 3rd Complete

2-0140 - Anchoring Stacks 1-3 Core 32 4th

2-0150 - Anchoring Stacks 1-3 Core 32 5th

2-0160 - Anchoring Stacks 1-3 Core 32 6th

2-0170 - Anchoring Stacks 1-3 Core 32 7th

2-0180 - Anchoring Stacks 1-3 Core 32 8th

2-0190 - Anchoring Stacks 1-3 Core 32 9th

2-0200 - Anchoring Stacks 4-6 Core 29 Bsmt.

2-0210 - | 1st

2-0220 - | 2nd

2-0230 - | 3rd

2-0240 - | 4th

2-0250 - | 5th

2-0260 - | 6th

2-0270 - | 7th

2-0280 - | 8th

2-0290 - | 9th

2-0300 - | 10th

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Minutes of Unit B/C Job Meeting #23
July 8, 1976

People in Attendance:

Dick Carlson	HSAE
* Duane Blanchard	HSAE
* John Scott	TAC
W. Wymore	C & Co.
Jim Hastert	U of M
John Washtock	Poppenberger
Ty Berg	Poppenberger
Tom Hurley	Premier Electric
Earl Romnes	Westinghouse Elevator
* Ed Palm	Westinghouse Elevator
Wally Mellum	U of M
Gene Kogl	U of M
George Klein	Hayes Cont.
Bob Oman	Commercial Steel Fab.
Greg Kujawa	U of M
Gordon Lindholm	U of M Physical Plant
George J. Welsch	Sandberg Erection
* O.W. Hughes	U of M
Jim Fallon	U of M
* Paul Kopietz	U of M
* Paul Maupin	U of M
* Bob Swanson	U of M
* Warren Biehl	Alpana Alum. Prod. Co.
John Roettger	Sheehy Construction Company
Dan Walgenbach	Sheehy Construction Company
Ken Fick	Sheehy Construction Company

* Not Present

Corrections of Minutes:

Item 5 - Carlson - Section 14010 of the specifications call for samples by Westinghouse.

Item 3 - Carlson - Trash chute drawings will be ready tomorrow and there will be a cover letter relating to the electrical work required.

Item 5 - Carlson - Elevator colors for plastic laminate will be available on Tuesday.

Item 8 - Kogl - The defective windows in Unit A which are to be reused will be reglazed by Flour City and returned to Alpana for use in B/C.

Item 9 - Kogl - We are still waiting for information from the hospital staff regarding the pneumatic tube system.

Item 12 - Carlson - Mechanical has submitted information today on sub contractor and material lists. Premier has submitted a partial list and there are some items which are in dispute.

Review of Minutes:

Item 3 - Hurley - We had a meeting reviewing the overhead situation and we will hang cable tray ahead of mechanical to try and work out problems.

Item 4 - Fick - I still have not received any approved Westinghouse drawings. Please get them to us (directed to Westinghouse.)

New Business:

Item 1 - Wymore - The schedule on precast is ahead of schedule but the fact the steel slowed down will delay the second precast setting crew from being started. This will delay the skin of the building and thus the enclosing of the building will be delayed.

Item 2 - Fick - Are there any areas that we cannot enclose because of owner-supplied items that will not fit thru the door way?

Kogl - Greg will have a schedule and sizes next week.

Item 3 - Fick - I am still waiting for a letter from the owner regarding the change from plaster to drywall.

Kogl - HSAE has the information now and will issue directions next week.

Item 4 - Fick - Where does the owner want the full-sized samples of the metal lab casework? It is here now.
Kogl - We will want it set up here at the site office probably in the basement.

Item 5 - Fick - I need another mechanical drawing.
Klein - I will get you one.

Item 7 - Oman - Commercial has everything fabricated except the link to Mayo.

Item 8 - Kogl - The hospital people want to have an occasion marking the topping-out of the structural steel.

Item 9 - Mellum - Electrical service has to be disconnected in Unit A as the walls come off for the link.

Item 10 - Hurley - What is the current status of the animal removal in Mayo?

Kogl - Right now there are 2 tentative shipping dates for the fans, they are July 30 and September 3. I should have a definite answer in 2 days.

Item 11 - Hurley - Shop drawings on transfer switches and switch gear are getting critical. HSAE has had them for 5 weeks.

Carlson - I will check on them.

Item 12 - Carlson - I would like to review the fireproofing method after the meeting.

Item 13 - Carlson - Mods that are approved are:

5E

6E Diehl Hall underpinning.

1A

16P - Provision for larger elevator car.

Walgenbach - We need information on Mod 15E.

Item 14 - Roettger - Work for upcoming week:

1-1870 - Erect Structural steel - link - 6 & 7th floor
Open up A - 7/8/76

1-2040 - Remove ramp - will continue

1-2047 - Underpin Diehl - Line S47 - Will continue

1-2430 - Fnd. Wall E18 - S37-S42 - 3rd lift 7/12/76

1-2510 - Fnd. Wall E18 - S42-S47 - 1st lift 7/14/76

1-3220 - Backfill E18 - S25-S32 - Will continue

2-1030-1-3460 - Pour - 3rd floor stack 6 7/14/76

1-3510 - W/P and insulate Delaware 7/2/76 - 7/13/76

1-3520 - Class 5 Delaware - Start 7/14/76

Curb - Delaware - Start 7/15/76

1-5510 - Univ. W/P N.E. Mayo Start 7/12/76

2-0550-2-0600 - Catwalk - Installation will continue

2-0710 - St. Slab 10th floor stack 1 & 2 7/16/76

stack 4 & 5 7/19/76

Minutes of Unit B/C Job Meeting #23

July 8, 1976

Page four

- 2-1100 - Slab on deck - Stack 6 - 7/15/76
- Stack 3 - 7/19/76
- 2-1000 - Slab on grade Basement - Stack 0 start 7/13/76
- 2-1400 - Fireproof basement - Will continue
- 2-1440 - Fireproof 4th floor complete 7/13/76
- 2-1450 - Fireproof 5th floor complete 7/20/76
- 2-3210-2-3230 - Fill basement stack 0-6 - Will continue
- 4-0002-4-0024 - Insulate Spandrels - Will continue
- 4-0208 - Set precast - Stair B & Spandrel to core 32-Will continue
- 4-0602-4-0604 - Caulk Precast - Will Continue
- 4-0802 - Spray Insul. - Start 7/12/76
- 4-1015 - Install windows - Strike on! Should start 7/17/76

Item 15 - Klein - Work for upcoming week:

Plumbing

- 2-0170 - Mech. anchors stacks 1-3 7th floor
- 2-0270 - Mech. anchors stacks 4-6 7th floor
- Sleeve and insert as necessary
- Changing lines in Unit "A" equipment room
- 2-3110 - Underground mech. in rock stack "0".
- 2-3120 - Underground mech. in rock stack 4,5,6,3.
- 2-3310 - Underground mech. in fill stack "0".
- 2-3420 - Test underground stack "0".
- 4-2100 - Plumbing core 28 1-3
- 4-2130 - Plumbing core 25 1-3
- 4-2140 - Plumbing core 27 1-3
- 4-2145 - Plumbing core 26 1-3
- 6-0410 - Horz. plumbing 1 north

Heating

- 2-0170 - Mech. anchors stacks 1-3 7th floor
- 200270 - Mech. anchors stacks 4-6 7th floor
- Sleeve and insert as necessary
- Work in heat shaft
- Work in Unit A equipment room
- 6-1410 - Horz. heating 1 north
- 5-1402 - Horz. heating basement north
- Work in Diehl hall equipment room

Sheet Metal

- 4-1400 - Duct work - Core 28 1-3
- 4-1430 - Duct work - Core 25 1-3
- 4-1440 - Duct work - Core 27 1-3
- 4-1445 - Duct Work - core 26 1-3
- 6-0610 - Horz. duct work 1 north
- 6-0620 - Horz. duct work 2nd floor
- 2-0170 - Mech. anchors stacks 1-3 7th floor
- 2-0270 - Mech. anchors stacks 4-6 7th floor
- Fabrication of materials

Sprinkler Fitter

- Fabrication of materials
- sleeve and insert as necessary
- 6-1610 - Horz. sprinkler 1 north
- 6-1620 - Horz. sprinkler 2nd floor

6-1602 - Horz. sprinkler basement north
 4-1752 - Fire protection stair "A" 1-10

Pipe Coverer
 No Activity

Item 16 - Hurley - Work for upcoming week:

- 2-0932 - Branch conduit slab - 3rd south
- 2-0980 - 8th
- 2-0989 - 9th
- 2-0990 - 10th
- 6-3010 - Feeder Conduit 1st No. continues
- 2-0105 - Anchoring stacks 1-3 Core 32 Bsmt.-Not complete
- 2-0110 - 1st
- 2-0120 - 2nd
- 2-0130 - 3rd - 1-9
- 2-0140 - 4th - All will be completed
- 2-0150 - 5th
- 2-0160 - 6th
- 2-0170 - 7th
- 2-0180 - 8th
- 2-0190 - 9th
- 2-0200 - Anchoring stacks 4-6 Core 29 Basement
- 2-0210 - 1st
- 2-0220 - 2nd
- 2-0230 - 3rd
- 2-0240 - 4th 1-9
- 2-0250 - 5th - All will be completed.
- 2-0260 - 6th
- 2-0270 - 7th
- 2-0280 - 8th
- 2-0290 - 9th
- 2-0300 - 10th

Need mechanical shop drawing information for upcoming basement slab.

SHEEHY CONSTRUCTION COMPANY

360 WEST LARPEUR AVE. • ST. PAUL, MINN. 55113 • PHONE: 488-6691

Minutes of Unit B/C Job Meeting #24
July 15, 1976

People in Attendance:

W. Wymore	C & Co.
Paul J. Maupin	U of M
Gene Kogl	U of M
Greg Kujawa	U of M
O.W. Hughes ✓	U of M
George Klein	Hayes Cont.
George Welsch	Sandberg Erection
Ed Palm	Westinghouse
Earl Romnes	Westinghouse
Jim Fallon	U of M
* Jim Hastert	U of M
* Wally Mellum	U of M
* Paul Kopietz	U of M
Tyrome Berg	Wm. Poppenberger
Tom Hurley	Premier Electric
Dick Carlson	HSAE
* Duane Blanchard	HSAE
* John Scott	TAC
Gordon Lindholm	U of M - Physical Plant
Dan Walgenbach	Sheehy
John Roettger	Sheehy
Ken Fick	Sheehy
Keith W. Gish	Babcock Company

* NOT PRESENT

Corrections of minutes:

Item 9 - Kogl - We are still waiting for information from the hospital staff regarding the material handling system.

Review of minutes:

Item 2 - Maupin - We have no equipment scheduled that will not go through the specified openings.

Item 4 - Hughes - Dan and I will arrange for an area for casework samples to be set up.

Item 10 - Kogl - September 15 should be the actual animal removal date from Mayo.

Item 11 - Carlson - Regarding the electrical shop drawings - we have waited 6 months for submittals and now we have received them in one batch.

Kogl - When contractors submit many items at once, priorities should be put on drawings.

Item 12 - Kogl - The fireproofing method will be reviewed at a meeting tomorrow.

Item 13 - Carlson - Mod. 15E is still being held by HSAE pending discussions with mechanical and electrical.

Item 14 - Carlson - The method of fastening transom panels will be by fixed pin on one side or the other and a spring-loaded pin on the other. On some there may have to be a sound absorbing material used to pick up slack and prevent noise and instability.

New Business:

Item 1 - Fick - We are in urgent need of the return to us by HSAE of the shop drawings described in a letter given to HSAE today.

Item 2 - Fick - Hamilton Industries has submitted a counter top for approval, what is its status?

Kogl - It is rejected and what the owner wants is the specified top.

Item 3 - Fick - What is the decision on the stainless steel counterflashing in the Plaza and Delaware Street "sandwich" waterproofing?

Kogl - We will eliminate the flashing except at the expansion joints. I want HLM troweled into the reglet for added protection

Item 4 - Carlson - The four alcoves at Unit A will have to be removed and made watertight.

Item 5 - Roettger - The new street drawings on Delaware have raised the drain elevations.

Kogl - I would like to see catch basins put in with a larger drain area.

Item 6 - Fick - There are some changes in Delaware street other than where it crosses the building.

Hughes - Will get you a drawing next week.

Item 7 - Welsch - The precast connections in the 13th floor - I would like Crown to quit welding these on to the structural steel.

Hughes - If there is a problem, let me know.

Item 8 - Lindholm - The owner is still getting water in Diehl.
Roettger - I will try to correct it.

Item 9 - Carlson - I need more general contractor color and material samples.

Walgenbach - I will look into it.

Item 10 - Hurley - At what point is a modification considered to be an order to do the work?

Carlson - After all parties have signed it.

Hurley - I believe it would be helpful to all if the act by HSAE of sending the modification to the Prime contractor together with the signature on that mod. by the Prime be considered ample authority to proceed with the work.

Fick - We agree with what Mr. Hurley says.

Item 11 - Romnes - Rails and brackets will be here tomorrow.

Item 12 - Mellum - I want to know the status of the cable tray. This should be in ahead of corewall and ceiling. You are taking a chance of extensive repair work if you are not ahead of these trades.

Item 13 - Wymore - I need completion dates on your lists of work items from mechanical and electrical.

Wymore - The precast with 1 crew is ahead of schedule.

Item 14 - Roettger - Work for upcoming week:

1-0020 - 9-15-76 has been set to remove animals from Mayo.

1-1280 - Exc. footings. Wall E-18 S-42 S-45

1-2040 - Remove Ramp Complete 7-23-76

1-2045 - Caisens Line 47 - start 7-20-76

1-2047 - Underpin - Diehl

1-2510 - Fnd. wall E-18 S-42 S-45 7-22-76

1-3510 - Insulate Delaware Complete 7-19-76

1-3520 - Class 5 fill Delaware Complete 7-19-76

2-1102, 2-0710 - St. Conc. Slab 10th st. 1 & 2 7-19-76

2-1105, 2-0710 - St. Conc. Slab 10th St. 4 & 5 7-20-76

2-0510 - Carwalks St. 4-6 7th floor 7-16-76

2-1102 - Roof deck St. 3 - 10th fl. 7-20-76
2-1105 - Roof deck St. 6 - 10th fl. 7-14-76
2-1112 - Pour 11th floor St. 1 & 2 ~~7-21-76~~ 26
2-1115 - Pour 11th floor St. 4 & 5 ~~7-22-76~~ 27
2-2056 - Fireproof - Should complete through 5th 7-23-76
2-4000 - Pour slab on grade St. 0 start 7-15-76
2-4030 - Pour slab on grade St. 1-3 Start 7-22-76
3-1010 - Elev. brackets and rails Start 7-19-76
4-0214 - Set precast east - complete 7-16-76
4-0220 - Set precast west - Start 7-19-76
4-0615 - Caulk precast - East complete 7-21-76
4-0826 - Spray insul. core 29 Start 7-19-76

Heat Coils - Where are they?

Pipe Coverer - Start Now!

Sheet Metal - Behind - Need more men on job!

1st floor July 8, 1976 complete

2nd floor August 11, 1976 complete

Core Walls - Starting on 7-19-76

Item 15 - Klein - Work for upcoming week:

Heating

2-0170 - Mech. anchors stacks 1-3 7th floor

2-0270 - " " " 4-6 7th floor

Sleeve and insert as necessary

Work in heat shaft

Work in Unit "A" equipment room

6-1410 - Horizontal heating 1 north

5-1402 - Horizontal heating basement north

Work in Diehl Hall equipment room

Sheet Metal

4-1400 - Duct work core 28 1-3

4-1430 - " " " 25 "

4-1440 - " " " 27 "

4-1445 - " " " 26 "

6-0610 - Horz. duct work 1 north

6-0620 - " " " 2 north

2-0170 - Mech. anchors stacks 1-3 7th floor

2-0270 - " " " 4-6 7th floor

Sprinkler Fitter

Sleeve and insert as necessary

6-1610 - Horz. sprinkler 1 north

6-1620 - " " 2 north

6-1602 - " " Basement north

4-1752 - Fire protection stair A 1-10

4-1737 - Fire protection stair D 1-10

Plumbing

2-0170 - Mech. anchors stacks 1-3 7th floor
2-0270 - " " " " 4-6 7th floor
Sleeve and insert as necessary
2-3110 - Underground mech. in rock stack "0" complete
2-3120 - " " " " " 4,5,6, & 3
2-3310 - " " " fill stack "0" complete
2-3420 - Test underground stack 0 complete
4-2100 - Plumbing core 28 1-3
4-2130 - Plumbing core 25 1-3
4-2140 - Plumbing core 27 1-3
4-2145 - Plumbing core 26 1-3
6-0410 - Horz. plumbing 1 north
6-0420 - " " 2 north
4-2101 - Plumbing core 28 3-5
4-2131 - " " 25 3-5
4-2141 - " " 27 3-5
4-2146 - " " 26 3-5

Pipe Coverer
No Activity

Item 16 - Hurley - Work for upcoming week:

W.I.

? Branch conduit slab - 10th
? " " " - 11th
? Feeder & branch conduit slab - Basement
Anchoring core 31 6th - 11th
2-0300 - Anchoring core 29 - 10tj
Temporary service extension continues.

6-3010 - Feeders - 1st floor continues
6-3020 - Feeders - 2nd floor start
Branch conduit risers stairways - start

Several work items on "Branch conduit slab" dropped from
CPM schedule between previous printout and current printout.

Shop drawings for Transfer Switches needed back from HSAE

• Spec on bitum. mem.

Meds. Ready

21 E

22 |

23 |

24 |

27 |

34 |

- Problems on maintaining ceiling elevations 2nd fl. at Core 25400
- Launch & pocket corrective work
- Test for Heat Shaft lines mod.
- Date for U/M roofers
- Open Del. 15 Aug a certainty.
- F.P. - Clean up stray unfinished areas (exterior cores)
- Klein - General foreman or sup't over all mech. trades.



SHEEHY CONSTRUCTION COMPANY

360 WEST LARPEL AVE. • ST. PAUL, MINNESOTA 55113 • PHONE: 488-6691

Minutes of Unit B/C Job Meeting #25
July 22, 1976

People in Attendance:

* John Bellair	Premier Electric
Tyrone Berg	Wm. Poppenberger
Ralph Magnuson	Westinghouse Elevator
R.P. Campbell	Campbell & Company
Jim Fallon	U of M
* Paul Kopietz	U of M
Jim Hastert	U of M
Bob Swanson	U of M
Wally Mellum	U of M
Richard H. Hendricks	U of M - Physical Plant
Tom Hurley	Premier Electric
Ray Anderson	Hayes
Gene Kogl	U of M
Dick Carlson	HSAE
* Duane Blanchard	HSAE
* John Scott	TAC
O.W. Hughes ✓	U of M
George Welsch	Sandberg Erection
Dan Walgenbach	Sheehy Const.
John Roettger	Sheehy Const.
Ken Fick	Sheehy Const.

* Not Present

[REDACTED]

Corrections of Minutes:

Item 14 - Carlson - I will issue a clarification on fastening the transom panels. The method to be used is where there is room I want 2 screws in each side. Where this is not possible, a fixed pin should be used when possible or a spring-loaded pin where not. Also, rubber door bumpers should be used.

Item 11 - Hurley - I take objection to the fact that HSAE claims all Premier submittals were received in one batch, my log book shows the contrary.
Carlson - We will compare log records.

Review of Minutes:

Item 3 - Kogl - I want to make sure HLM is troweled into the reglet.

Kogl - I think the stainless steel counterflashing deletion should be on a modification by itself.

EAK?
Item 4 - Carlson - A sketch on the proposed construction of the four alcoves of Unit A has been given to the owner.

Item 7 - Welsch- The precast connections that should be left off are from the 13th floor to the 16th floor and on griders on the links (Bldg. B)
Carlson - We have sent a letter to Crown requesting these connections be left off.

Item 9 - Walgenbach - There should be more submittals in next week regarding color, samples, etc.

Item 10 - Kogl - Technically a modification is not part of the contract until a change order is issued. However, field orders or the go ahead on a modification can be given by verbal or written instructions by the authorized people.

Hurley - Premier will not proceed with extra work until we have written instructions.

Kogl - Premier needs someone on the project who can authorize work changes. If John Bellair is going to make all decisions, then he shall be present at these progress meetings.

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Item 12 - Mellum - I still do not know the status of the cable tray.

Hurley - Material is in for approval now.

Campbell - How long after approval can we expect delivery?

Hurley - About 4 weeks.

Campbell - For your engineered drawings start at the basement and go up.

Item 13 - Campbell - I will have a new man working on this project in about 10 days.

Campbell - There are not any major modifications planned for Unit B/C at this time.

Kogl - Campbell and Company will monitor the project as per schedule and interfacing activities. If anyone wants specific information, it can be available.

Hurley - I would like a monthly narrative report.

Fick - I need a printout for a key subcontractor.

Campbell - We have to redo some planning but I will run a frag-net for them.

New Business:

Item 1 - Fick - Specifications read that we cannot enter into a contract with the toilet partition people until the hardware is approved. This is critical.

Carlson - I will look into it and advise.

Item 2 - Fick - Window test is set for tomorrow at 1:30 at Alpina for those who choose to attend.

Item 3 - If time is of the essence and it is necessary for the owner or architect to give John Roettger and/or Dan Walgenbach a document which changes the plans or specifications, I ask that that document be given to me also, by one means or another the same day or the next day. Any such document must be accompanied by a transmittal which states specifically what action the contractor is to take with or on that document.

Item 4 - Roettger - Pipe covering should start but the pipe coverer is afraid of moisture.

Item 5 - Anderson - I will be representing G. Klein at meetings and am able to make decisions on the job.

Item 6 - Magnuson - I have some duct interference on the first floor.

Item 7 - Walgenbach - We need information for the 10th floor air chambers.

Item 8 - Roettger - We are looking to put the permanent surface in the Mayo court area. This will be clarified next week.

Item 9 - Fick - It is our responsibility to construct mechanical and electrical equipment concrete pads. Since we have no control over what goes on the pads, we want the respective mechanical or electrical contractor to layout the pads so that the location, size and configuration will be proper and will be the responsibility of the appropriate prime contractor.

Item 10 - Roettger - We have hold-ups in 2 areas.
Hastert - The information is coming from Waldorf Pump.

Item 11 - Kogl - Unless we have some action soon, we will tell them where the power supply is to be located.

Item 12 - Hughes - To prevent interference in the ceiling area coordination between trades should take place before work is accomplished.

Item 13 - Hughes - I need the price for the corrective work done by Sheehy on the 'A' building south wall.
Fick - We will get this prepared.

Item 14 - Carlson - The existing grating is unacceptable for reuse at this time. I would also like a proposal showing what Sheehy is doing at Unit A.

Item 15 - Carlson - I need all submittals from contractors.

Item 16 - Carlson - When modifications are submitted, do them in the fashion governed by the specifications.

Item 17 - Kogl - The volume of use on the coping machine is not enough to keep it on the job. The nearest one is in Powell Hall.

Item 18 - Kogl - No direction of work is to be done unless it is given by myself, Oliver Hughes, Jim Hastert or Wally Mellum.

Item 19 - Hendricks - There are some holes in the roof of the Mayo Unit A tunnel where the temporary protection is. Could these be fixed?

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Item 20 - Mellum - When will the demolition of Mayo animal shelter start?
Walgenbach - October 1st.

Item 21 - Mellum - I need light fixture cuts back from HSAE.

Item 22 - Fick - Beginning July 29, these weekly project meetings will commence at 10:30 a.m. rather than 11:00 a.m.

Item 23 - Roettter - Work for upcoming week:

1-0020 - Complete moving animals from Mayo - 9-15-76
1-2047 - Underpin Diehl
Drill Caissons - S47 Line

Blacktop - E2 - E18 Delaware	7-26-76	Mon.
2-1112 - Pour 11th floor St. 1 & 2	7-26-76	"
2-1112 - Pour 11th floor St. 4 & 5	7-27-76	Tues.
2-2056 - Fireproof complete through 5th Fl.	7-23-76	
2-0510 - Catwalks - To 8th floor		
2-4030 - Pour slab on grade St. 3	7-28-76	Wed.
2-4060 - Pour slab on grade St. 1	7-29-76	Thurs.
Pour Slab on grade St. 4	7-30-76	Fri.
Pour slab on grade St. 5	8-2-76	Mon.
Pour slab on grade St. 6	8-3-76	Tues.
2-1122 - Pour 12th Floor St. 1 & 2	8-4-76	Wed.
4-0802 - Spray insul. core 28	Start 7-26-76	
4-8010 - Core Walls - 1st floor at elevator start	7-26-76	

Item 24 - Anderson - Work for upcoming week:

Heating

2-0170 - Mech. anchors stacks 1-3 7th floor
2-0270 - " " " 4-6 " "

Sleeve and insert as necessary

Work in Unit "A" equipment room

6-1410 - Horz. heating 1 north

5-1402 - " " basement north

Work in Diehl Hall equipment room

4-2440 - HVAC piping core 27 1-3

4-2441 - " " " " 3-5

Sheet Metal

4-1400 - Duct work core 28 1-3

4-1430 - " " " 25 "

4-1440 - " " " 27 "

4-1445 - " " " 26 "

6-0610 - Horz. duct work 1 north

6-0620 - " " " 2 north

2-0170 - Mech. anchors stacks 1-3 7th floor

2-0270 - " " " 4-6 " "

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Sprinkler Fitter

Sleeve and insert as necessary

6-1610 - Horz. sprinkler 1 north
6-1620 - " " 2 north
6-1602 - " " Basement north
4-1752 - Fire protection stair A 1-10
4-1737 - " " " D 1-10

Plumbing

2-0170 - Mech. anchors stacks 1-3 7th floor complete
2-0180 - " " " " 8th floor
2-0270 - " " " 4-6 7th floor complete
2-0280 - " " " 1-3 8th floor

Sleeve and insert as necessary

2-3120 - underground mechanical in rock
stacks 4,5,6 & 3

4-2100 - Plumbing core 28 1-3
4-2130 - " " 25 "
4-2140 - " " 27 "
4-2145 - " " 26 "
4-2101 - " " 28 3-5
4-2131 - " " 25 "
4-2141 - " " 27 "
4-2146 - " " 26 "
6-0410 - Horz. plumbing 1 north
6-0420 - " " 2 floor
2-3320 - Underground mech. fill stack 3
2-3330 - " " " " 1 & 2
2-3430 - Test underground stack 1 & 2
5-0464 - Horz. plumbing rough-in 4th floor

Item 25 - Hurley - Work for upcoming week:

2-0310 - Anchoring 11th floor
2-0320 - " 12th floor
2-0902 - Conduit in slab Basement
2-0991 - " " " 11th floor
2-0992 - " " " 12th floor
6-3020 - Feeders 2nd floor
4-6218 - Conduit riser stair D Basement-5
8-4403 - Motor conduit Basement
8-4410 - " " 10th floor

Sleeving as necessary.

Mechanical shop drawing information needed in order to coordinate basement slab conduit installation.

Clarification to last weeks minutes - HSAE has not waited 6 months for shop drawings from Electrical Contractor.



SHEEHY CONSTRUCTION COMPANY

360 WEST LARPEL AVE. • ST. PAUL, MINNESOTA 55113 • PHONE: 488-6691

Minutes of Unit B/C Job Meeting #26
July 29, 1976

People in Attendance:

Bob Swanson	U of M
R.P. Campbell	C & Co.
Ralph Magnuson	Westinghouse Elevator
Chuck Hodges	C & Co.
Ray Anderson	Hayes Const.
Dick Carlson	HSAE
* Duane Blanchard	HSAE
* John Scott	TAC
Tyrone Berg	Poppenberger
* John Bellair	Premier Elec.
Tom Hurley	Premier
Gene Kogl	U of M
* Greg Kajawa	U of M
O.W. Hughes ✓	U of M
George Welsch	Sandberg Erection
John Roettger	Sheehy
Dan Walgenbach	Sheehy
Ken Fick	Sheehy
Bob Olson	Crown Iron
Jim Fallon	U of M
* Paul Kopietz	U of M
Jim Hastert	U of M
Wally Mellum	U of M
Richard H. Hendricks	U of M Physical Plant

* Not Present

Corrections of Minutes:

Item 4 - Kogl - The general contractor should be given copies of the sketch for Unit A alcoves for information and review.

Review of Minutes:

Item 1 - Carlson - Toilet partition latch does not meet specifications and has to be resubmitted.

Item 4 - Walgenbach - Pipe ^{agreement} will start next week.

Item 7 - Walgenbach - We still need information on 10th floor and it should be routed from the mechanical to the owner to the general contractor.

Item 8 - Roettger - We should have a meeting on road to Mayo.

Item 10 - Kogl - There should be a definite date when the mechanical or electrical has to have information on their concrete pads for the G.C.
Walgenbach - At the foreman's meeting, John puts out a pour schedule; at this time all information for these bases should be given to Sheehy.

Item 13 - Walgenbach - We will furnish to the owner the cost of the corrective work Unit A hauches and beams by Wednesday next week. *Due to Aug.*

Item 14 - Carlson - Jack Larsen will review the span for the grating on Unit A airshaft.

Item 17 - Kogl - We will try to work out a different system on payment for the coping machine.

Item 18 - Kogl - On extra work or deleted work the description of the work and the direction of the price of the work has to be clearly understood before the work is to be done.

Item 20 - Walgenbach - If the animals move out September 15, 1976, demolition will start about October 1st.

Item 21 - Mellum - I still need sizes and dimensions of the light fixtures.

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New Business:

Item 1 - Fick - Precautions have to be taken so as not to damage the blacktop on Delaware.

Kogl - Perhaps we can install only the base course now and put down the 2" or 1½" wearing mat next spring.

Roettger - We will consider this.

Item 2 - Fick - For our Unistrut installations we need drawings showing the duct sizes and locations in about 20 rooms. I am giving Hayes Contractors a list of these room numbers today.

Anderson - I will get these drawings for you.

Item 3 - Hurley - The cable tray has a tentative approval for the product, delivery is 4 weeks after approved drawings.

Item 4 - Hughes - Church parking lot could be available as soon as next Monday.

Item 5 - Campbell - Unit C steel should top out about September 1st; Unit B steel about September 15th. Schedule of finishing from the bottom up is working well. Material transport system still has not been resolved.

Kogl - September 1st is the deadline for the decision on the material handling system.

Item 6 - Walgenbach - All visitors must sign in with Sheehy's office, unless a B/C sticker has been issued.

Item 7 - Hughes - We need an opinion from Babcock on the precast facing which were removed from Unit A and have hairline cracks in them.

Walgenbach - Babcock will have a representative here on Monday morning.

Item 8 - Hughes - Each prime contractor's EEO officer must file a periodic minority report with the owner.

Item 9 - Hughes - Use all safety precautions when hoisting materials overhead.

Item 10 - Kogl - We need Hamilton's approved sample of a countertop. *Due 10 Sept*

Item 11 - Kogl - Before we install the bituminous paving I would like a price on the change.

Fick - The new blacktop specification is more expensive than the original due to the increased thickness. I will call you this afternoon.

Item 12 - Kogl - Premier needs a schedule of the motors and other equipment for information.

Item 13 - Hendricks - We need security on penetrations into Unit A. Also, use care to keep ductwork free of debris. Rooms B-188 & B-192 have some water damage from the fire.

Item 14 - Carlson - We will be adding some steel beams in the high elevators.

Item 15 - Carlson - Mayo Court drawings for ~~WOML~~¹-A are now out for bids.

Item 16 - Roettger - Work for upcoming week:

- Delayed*
- 2-4000 - Pour St. 0 E10 - E12 Basement Thurs. 7-29-76
 - 1-3300 - Pour St. 0 Ramp 2nd floor west
Blacktop - Delaware Ready
Fine Grade in basement St. 0 - 3 & 6
We need decision on how to proceed on Mayo
 - 2-4030 - Pour St. 3 Basement Friday 7-30-76
Being held up by electrical and mechanical
Pour wall heat shaft
 - 2-4060 - Pour St. 6 Basement Monday 8-2-76
Being held up by plumbers on storm drain
Blacktop start on Delaware
 - 2-4030 - Pour St. 3 Basement Tuesday 8-3-76
Catwalks to be complete 7-8-9-10
Fireproofer complete 6th floor
 - 2-4060 - Pour St. 6 Basement Wednesday 8-4-76

New Business:

Pipe covering - still not on job

Delaware - We will complete by 9/15/76 if I get new layout
Friday 7/30/76

Windows - Being installed on east elev.

Glass - Del. by 8/2/76

Spray Insulator - On site start spraying core 28 7/29/76

Escalator - Being installed

Precast - West Elev.

South Elev. start Monday 8/2/76

North Elev. start Monday 8/9/76

Item 17 - Anderson - Work for upcoming week:

Plumbing

1. Sleeve and insert as necessary
2. 2-0180 - Mech. anchor stacks 1-3 8th floor
3. 2-0190 - " " " 1-3 9th floor
4. 2-0280 - " " " 4-6 8th floor
5. 2-0290 - " " " 4-3 9th floor
6. 2-3120 - Underground mech. in rock - stk. 4-5-6-3
7. 2-3320 - " " " " fill stk. 3
8. 2-3330 - " " " " " 1 & 2
9. 2-3350 - " " " " " 6
10. 2-3430 - Test underground stack 1 & 2
11. 2-3450 - " " " 6
12. 4-2100 - Plumbing core 28 1-3
13. 4-2101 - " " 28 3-5
14. 4-2130 - " " 25 1-3
15. 4-2131 - " " 25 3-5
16. 4-2140 - " " 27 1-3
17. 4-2141 - " " 27 3-5
18. 4-2145 - " " 26 1-3
19. 4-2146 - " " 26 3-5
20. 5-0464 - Horz. plumbing rough-in 4th floor
21. 6-0410 - " " " 1st north
22. 6-0420 - " " " 2nd floor
23. Setting drains on Delaware Street
24. Setting up offices on the 5th floor.

Heating

1. Work in Unit "A" equipment room
2. Sleeve and insert as necessary
3. 2-0180 - Mech. anchor stack 1-3 8th floor
4. 2-0280 - " " " 4-6 8th floor
5. 4-2440 - H.V.A.C. Piping 1-3
6. 4-2441 - " " 3-5
7. 4-2442 - " " 5-10
8. 5-1464 - Horz. heating rough-in 4th floor
9. 6-1402 - " " " Basement north
10. 6-1410 - " " " 1st floor north
11. 6-1420 - " " " 2nd floor

Sheet Metal

1. 4-1400 - Duct work core 28 1-3
2. 4-1430 - " " " 25 1-3
3. 4-1440 - " " " 27 1-3
4. 4-1445 - " " " 26 1-3
5. 4-1460 - " " " 31 1-3
6. 4-1465 - " " " 30 1-3
7. 2-0180 - Mech. anchor stack 1-3 8th floor

8. 2-0280 - Mech anchor stack 4-6 8th floor
9. 5-0664 - Horz duct work 4th floor
10. 6-0610 - " " " 1st floor north
11. 6-0620 - " " " 2nd floor
12. Fabrication drawings and materials

Sprinkler Fitter

1. Sleeve and insert as necessary
2. 4-1737 - Fire prot. stair D 1-10 complete
3. 4-1752 - " " " A 1-10 "
4. 5-1664 - Horz. sprinkler rough-in test 4th floor
5. 6-1610 - " " " 1st floor north
6. 6-1620 - " " " 2nd floor
7. Fabrication drawings and materials

Pipe Coverer

1. Material submittals in
2. Will start on project August 2, 1976

Item 18 - Hurley - Work for upcoming week:

- 2-0320 - Anchoring 12th floor
- 2-0902 - Conduit in slab basement east
- 2-0992 - Conduit in slab 12th
- 2-0903 - Conduit in slab basement west
- 6-3020 - Feeders 2nd floor
- 4-6218 - Conduit riser stair D Basement-5
- 4-6215 - " " " B Basement-5
- 4-~~6228~~ - 6228 " " B D 5-10
- 8-4403 - Motor conduit basement

Sleeving as necessary

Temporary electric extensions

Delaware street east end will not be accessible on August 11th due to high-voltage work in manhole.

We need information for changes which are being made by Mechanical Contractor/Owner in the basement and 10th floor.

UNIT B/C

HEALTH SCIENCES EXPANSION

SITE MANAGEMENT POLICY

1. All authorized personnel to have B.C. stickers on their hats.
2. All visitors to sign in at Sheehy job office. All visitors to be accompanied by an authorized person.
3. Sonic Alarm Corporation will install an alarm system. The owner, HSAE, and prime contractors are to submit a list of authorized card holders.
4. Parking for prime and subcontractor's employees is available at the K & E lot until further space is needed. Authorized cars have to display a B.C. sticker on their rear view mirrors or they will be towed away.
5. As the job progresses, Friday will be clean-up day for all prime contractors. Please advise your subs that this policy will prevail. Each contractor shall be responsible for performing his own cleanup and hauling away his own debris. In the event that this is not done, the University will have the work done by others and assess the cost to the offending contractor.
6. A hoisting policy will be set forth as the skip is erected and the elevators become operable.
7. All safety rules and regulations to be strictly followed, any violations are to be reported to the General Contractor.
8. Any employee on the site who observes damage to the work of others caused by a mishap is urged to report what he sees to the Sheehy Superintendent so that the insurance company responsible can pay the expense of restoration. Kindly advise all of your employees accordingly.

- 8 Nov 76 - 90da notice for heat by M.C.
- Floating slabs in air chambers? O'Brien's move!
- F.P. completed ~~Sept~~ on 9th & 10th. (~~9th by 12 Aug~~)
13 Aug
- 16th fl col. & beams delivered 6 Aug. (Elev. area first erected)
- WM - Kerkow & HSAE joint reviews
- Bob Lee - Delivery of equip. for animal qtrs.
- Scheduled start, Honeywell? Early layout info now needed

- 8 cage rooms ready
- Honeywell involvement L
- 13 Aug. FP on 9th & 10th

- Lee - Equip. del'g now; 2 wks install; 8 rms for cages
- Slab on grade - Pump pads; elec. equip.; chillers; wiring for
- Precast delivery
- Corewall reinf. in hoistways