

# SHEEHY CONSTRUCTION COMPANY

11 Aug 77 11+12 comp  
08 Jan 78 sub comp

3 April 78  
w/mob. 69-103-120

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

## MINUTES OF JOB MEETING UNIT B/C #68 - JUNE 2, 1977

### IN ATTENDANCE:

Jim Fallon	University of Minnesota
* Gene Kogl	U of M
* Paul Kopietz	U of M
Joe Palla	U of M
Wally Mellum	U of M
Ray Anderson	Hayes Contractors
* George Klein	Hayes Contractors
Joe McCormick	U of M
Dick Hendricks	U of M - Physical Plant
Jim Hastert	U of M
* Don Nelson	Mechanical Data
Bill Homme	Haldeman-Homme
R.P. Campbell	Campbell & Company
Darrell Turnock	Haldeman-Homme
James Culligan	Premier Electric
* John Bellair	Premier Electric
Dick Carlson	HSAE
* Duane Blanchard	HSAE
* John Patterson	TAC
<b>[REDACTED]</b>	<b>[REDACTED]</b>
* Paul Maupin	U of M
Greg Kujawa	U of M
* Felix Hernandez	Mosler
O.W. Hughes	U of M
Steve Greene	U of M
Rich Sievers	Honeywell
John Roettger	Sheehy
Pat Whalen	Sheehy
Ken Fick	Sheehy

\*Not Present

OMISSIONS:

- ✓ Carlson - I do not see in the Minutes the remark Roettger made stating that Modifications represent additional work just like any other, and since contractors are suppose to be looking for work the contractors on this job should be receptive to the Modifications and get them priced out promptly so that they can be processed.
- ✓ Fick - If it were that simple, there would be little problem with the Modifications. We deplore the effect of Modifications on this job because they are so disruptive to us in terms of both time and progress, both of which represent money. The plan information for Modification 120 is shown on 55 sheets of 8½ x 11 inch paper rather than on several large sheets, therefore, the takeoff is more awkward, more time consuming and certainly there is much more chance for error. Ironically the Modifications which have the most impact on the job in terms of scheduling and completion are the ones which are taking by far the longest to resolve and are, therefore, the most disruptive to all of us.

CORRECTIONS:

- ✓ 110. Anderson - This should read we will give Kvalsten the o.k. to wire the Joy fans when the credit Premier issues to the owner is accepted.
- ✓ Culligan - Both the credit and Modification 105 will be issued today.
- ✓ 50. Anderson - I have now been promised the remaining pumps for next Monday since they did not meet the last Friday delivery.
95. Hughes - I talked to Ty Berg on the size, quantities and types of access panels shown on the list which Jim Hastert gave John Thesenvitz. Ty Berg agreed that we will stock up on these panels now and I feel this will be the final amount needed.
89. Roettger - I will give a pour schedule to Al Marchese and then he can put a schedule together and may be have it in time for this afternoons up date meeting.
- ✓ 96. Fick - The lack of submission by Premier of Mods 105, 122 and (125) is having a serious affect on their resolution. We cannot order any materials or even shop drawings for any of these Mods. We will be submitting Mod. 120 this week and this also is a critical one.

Culligan - Mods. 120 and 122 will be in shortly.

Hughes - So far as Mod. 125 is concerned we have issued Westinghouse a letter of intent.

✓107. Fick - We still need the color selection for the auditorium seating.

✓Carlson - You will have this by next Thursday.

108. Fick - If there is anything further wrong with any of the steel fabrications by Commercial, have Spooks see the owner's field office as to what course of action he should follow.

110. Anderson - We will be putting on more of our own fitters. According to the pipe cover foreman he does not feel he needs any more men.

Culligan - We will put up the lights on the 7th floor Monday.

Hughes - We have checked the manning in key areas. It appears that we will not make the CPM schedule on floors 11 and 12 unless changes are made and more manpower is employed. The completion and testing of systems is necessary to final out the floors so they can be occupied.

Campbell - Start up and testing does not show till in September - maybe some up date is needed.

Culligan - I received a list of fan units from Anderson this morning. We will give these top priority.

Roettger - We need preliminary inspections so that ceiling tile can go in on schedule. Is there any work by the owner yet to be done?

Culligan - We are ready for final. The lights are on now.

Hastert - I am ready to inspect now.

NEW BUSINESS:

✓112. Roettger - Commercial Steel is on strike and cannot deliver steel to us. We will go on with the pours as best we can.

- ✓113. Fick - According to the memorandum given us at the preconstruction meeting, Mr. E. A. Kogl is the overall construction coordinator for the job. Page 3 of Addendum #5 in two places removes the role of "prime coordinator" from the duties of the general contractor. We realize we have the responsibility to maintain coordination of the prime contractors on the job and we surely are doing that. When written admonitions are necessary to a prime contractor, it is the owner's responsibility to issue that rather than ours.
- ✓Roettger - When we see problems, we bring them up to try to help - not criticize.
- ✓Culligan - The Mods are a headache but I think the job is going super.
- ✓114. Hughes - A call from the information desk at Mayo Hospital requested that the public use of the Mayo turnaround be more restricted.
- ✓Roettger - We have been letting people through in cars that are wheelchair patients or on crutches. A & P were letting trucks and cars through there occasionally also.
- ✓Hughes - We should have the police tag vehicles left unattended.
- ✓Greene - Be sure you are posted with signs well enough so that you are conforming to the specs.
- ✓Hughes - I will check to see what the status is of the plans covering the east plaza area.
- ✓115. Carlson - Premier needs to resubmit Mod. 80. We need the mechanical confirmation on cost of Mod. 105. *we need specs from Mack is elec.*
- ✓Roettger - We are to turn over the 7th floor to the University on July 1st.
- ✓Hughes - We need the price on the valve on Mod. 145 in order to resolve that one.
- ✓116. Fick - What is the status of Mods. 104, 111, and 127?
- Carlson - Nos. 104 and 111 have to be requoted by the mechanical.

- ✓117. Turnock - LSI will be shut down for vacation from the 1st to the 12th of July, fire extinguisher cabinets for the 11th and 12th floors will be here next week. Tunison will put on more men installing metal casework next week.
- ✓118. Hendricks - I am very concerned with the insulation and caulking on the overhangs since they were a real problem on Unit 'A'. I request that the owner's field personnel keep a close check on these items.
  - ✓Hughes - We are now stapling in the insulation. We feel we have a better system than what was used on Unit 'A'.
- ✓119. Hendricks - We request that we be involved in the placement of the access panels.
  - ✓Hastert - We can get together concerning this on Monday.
- ✓120.. Hendricks - We are set up now to key the cores if requested.
  - ✓Culligan - We would like cores 29, 30 and 31.
  - ✓Hughes - What is the objection to permanent keying now?
  - ✓Mellum - You will have keys all over.
  - ✓Hendricks - We can key to E5 which will be permanent.

SHEEHY WORK SCHEDULE

CROSSWORK - GET MOVING - NOW!

WED. 6-1-77

P. 5-5312 AC. CEIL BO. DEL. 12TH

P. TAPER - 1ST FL

B.A. - LT. COUF - 1ST FL

P. CLEAN - STAIN - 1ST FL

B.A. SOFFIT 4LT COUF. 4TH FL COMP

S. 1-1057 COL. & SOUN. 1-1057

THUR 6-2-77

P. LATH 1ST FL CEIL

P. MET PASS. COMP 11/12

B.A. RAIL. ESCALATOR - 3RD & 2ND

J.N. PRIME 7TH FL

A.J. STRIP - 1ST FLOOR

S. COL. & SOUN. 1-1057

FRI. 6-3-77

S. 1-5058 WALL

S. WOOD DOORS - COMP 11 & 12TH

P. CEIL. COMP. 4TH FL

A.J. START DECK 2ND FL.

S. LATH - 2ND FL

S. LOCK UP 12TH & 11TH FL

CLEAN UP DAY

P. STOODS 4<sup>th</sup> FLOOR

Mon 6-6-77

A.S. 5-5129 VINT - 7TH FL ?

A.J. COMP. DECK 11

P. CEIL - START 6TH

P. RAIL. ESCAL. 11TH

TU. START FIN. ON 12TH

A.S. 1100 - 9<sup>th</sup> STAIR

WED. 6-7-77

P. 5-5321 AC CEIL BO. DEL. 11TH

SHOULDER R. RAIL

P. LATH ESCALATOR BOTTOM

P. INT MET. 11TH ST

A.K. 5-5221 CERAMIC. COMP 11TH

WED. 6-8-77

FRI. 6-10-77

P. CEIL - 2ND FL MAY 6<sup>th</sup> START

S. PASS. - 2ND FL

Mon 6-13-77

THUR 6-9-77

P. CEIL. 1ST FL 5-50

P. EXT MET. SOFFITS

TUES. 6-14-77

P. PLASTER CEIL. 11TH

6-27-77. CLEANUP OF 11TH FL

12.2

Premier Electric Schedule  
DUNE 2 - DUNE 9 - 1977

5-3948	Branch Conduit - Ceiling	8 <sup>th</sup> Floor
5-4448	Branch Conduit - Conduits	8 <sup>th</sup> Floor
5-4548	Branch Conduit	8 <sup>th</sup> Floor
5-5048	Recessed Lighting Fixtures	8 <sup>th</sup> Floor
5-4539	Branch Conduit	9 <sup>th</sup> Floor
5-5039	Recessed Fixtures	9 <sup>th</sup> Floor
5-3912	Branch Conduit - Ceiling	1 <sup>st</sup> Fl. Area
4412	Branch Conduit - Conduits	1 <sup>st</sup> Fl. Area
4367	Branch Conduit Ceiling	1 <sup>st</sup> Floor
5267	Light Fixtures	1 <sup>st</sup> Floor
3962	Branch Conduit Ceiling	1 <sup>st</sup> Floor
4464	Branch Conduit - Conduits	1 <sup>st</sup> Floor
5012	Recessed Fixtures	1 <sup>st</sup> Fl. Area
5115	Telephone Service	Basement
3-115	Feeder Wire + Conduits / Panels	1 <sup>st</sup> Floor
3-939	Feeder Wire + Conduits / Panels	1 <sup>st</sup> Floor

## Plumbing

- 1) Sleeve and insert as necessary
- 2) 6-0404 Horiz. Plumbing Base, west
- 3) 6-0405 " " Base, stack #7
- 4) 7-0434 Horiz. Plumbing 14<sup>th</sup> FL. - Complete.
- 5) 7-0453 " " 13<sup>th</sup> FL. - Complete
- 6) 8-0403 " Plumbing Base stack #4-6 - Complete.
- 7) 8-0404 " " " " 7-9 - Complete.
- 8) 8-0410 " " 10<sup>th</sup> FL. Equip. Room - Complete
- 9) 8-0415 " " 15<sup>th</sup> " " " "
- 10) 5-6212 } work cannot start -
- 11) 5-6221 } others using float -
- 12) All cores - complete - Basement thru 15-
- 13) Hot water Heaters and circ. Pumps - Complete
- 14) All Lines changed for the m.t.s. system.

## Heating

- 1) Sleeve and insert as necessary
- 2) 5-2656 - Heating Finish 6<sup>th</sup> FL. Complete
- 3) 5-2664 - " " 4<sup>th</sup> FL. Complete
- 4) 7-1434 - Horiz. Heating 14<sup>th</sup> FL. - Complete
- 5) 7-1453 - " " 13<sup>th</sup> FL. Complete
- 6) 8-1403 B - Stands + Equip Base. Equip. Room
- 7) 8-1410 A - Heating mains 10<sup>th</sup> FL. Complete.
- 8) 8-1415 A - " " 15<sup>th</sup> Floor
- 9) 8-1415 B - Stands and Equip 15<sup>th</sup> Floor
- 10) All cores complete Basement thru 15<sup>th</sup> floor



## Sheet Metal

- 1.) 4-1423 - 4-1478 All Cores 11-15.
- 2.) 5-5212 - Sheet Metal Finish 12<sup>th</sup> FL. Complete.
- 3.) 5-5221 - " " " 11<sup>th</sup> Floor
- 4.) 5-5239 - " " " 9<sup>th</sup> " "
- 5.) 5-5248 - " " " 8<sup>th</sup> " "
- 6.) 7-0665 - Horiz. duct work 5<sup>th</sup> FL. - Complete
- 7.) 8-0603 - Horiz. duct work 17-73 Base.
- 8.) 8-0604 - " " " 17-74 "
- 9.) 8-0606 " " " 17-76 "
- 10.) 8-0615 " " " 15<sup>th</sup> FL. EQUIP. RM.
- 11.) Sleeve AND insert AS required.

## Pipe Coverer

- 1.) 4-2833 - 4-2878 All cores 11-15
- 2.) 5-1848 - Pipe covering 8<sup>th</sup> FL. Complete
- 3.) 5-1856 - " " 6<sup>th</sup> FL. Complete
- 4.) 8-1803 - Pipe covering Base. EQUIP. RM.

## Sprinkler Fitter

- 1.) 5-5621 Sprinkler Finish 11<sup>th</sup> Floor.
- 2.) 5-5639 " " 9<sup>th</sup> Floor.
- 3.) 8-1603 Horiz. Sprink Rough-in - Complete.
- 4.) 8-1610 " " " 10<sup>th</sup> FL. Complete.
- 5.) Sleeve & insert AS required.
- 6.) Unit "A" cooling tower - Complete.

A.O.D.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
51-P*	Floor sleeves to alleviate spilled or overflow liquid migration between floors	General Electrical Mechanical	9-1-76	Electrical Contractor to Quote
55-A*	Revise certain features of the work in 1st floor west areas rooms 1-395 & 1-396	General Electrical Mechanical	10-4-76	U of M Reviewing
66-P*	Revise provisions for electrically locked unlocked exit devices & electro-magnetic hold	General Electrical	11-10-76	U of M Reviewing
72-P*	Revise and clarify temporary electrical service installation	Electrical	12-3-76	U of M Reviewing
80-P*	Revisions to Electrical specs. & drawings	Electrical	1-10-77	Electrical to Requote
86-P	1st floor east power revisions in various rooms	Electrical	1-10-77	Time & Material
87-P*	Revisions - see modifications	Electrical	1-10-77	Time & Material
88-P*	Refer to mod. & Electrical drawing sheet E-24 for revisions	Electrical	1-10-77	Time & Material
104-P*	Omit sprinkler heads which interfere with operation of power files - see modifications	General Mechanical	2-25-77	Mechanical to Requote
105-P	Modify a portion of the 7th floor link for cart storage	General Mechanical Electrical	2-25-77	Mechanical to sep. breakdown Electrical to Quote

ID.	DESCRIPTION	CONTRACT	DATE	COMMENT
107-F	Omit all automatic air vents and 3/4" unions specified to be installed on top of all hydraulic supply and return risers.	Mechanical	3-9-77	Mechanical to requote
108-B	Omit all flanged spool pieces	Mechanical	3-9-77	Mechanical to requote
109-A	Omit the air blenders specified for the 100% outside air units	Mechanical	3-9-77	Mechanical to requote
111-P	Modify the rooms 2-57, 2-58 and portions of the existing adjacent Mayo Hospital	General Electrical Mechanical	3-9-77	U of M HSAE Negotiating with Mechanical
114-E*	Revises 2nd floor west plaza drainage system part of mod. 47-P.	Mechanical	3-8-77	U of M to Evaluate
120-P	Revise the admitting/cashier office area on floor 2	General Mechanical Electrical	3-25-77	Electrical to quote
122-P	Modify portions of room 1232, 1235, 1240, 1242	General Electrical	3-23-77	Electrical to Quote
123-P	Modify the Unit B/C Plaza substrate Design	General	3-25-77	General to quote
125-P	Modify elevator #11 in Unit A	General Mechanical Electrical	3-24-77	Electrical to Quote
126-F	Modify the provisions for air conditioning	General Mechanical Electrical	3-30-77	U of M Processing
127-A	Modify Panel Heating System 1st floor west 1-200	General Mechanical	3-29-77	U of M Processing
128-P	Revisions to finished area floor 9	General Mechanical Electrical		Mechanical to Requote

	DESCRIPTION	CONTRACT	ISSUED	COMMENTS
130 A	Install 200 amp 3 pole non fuse disconnect switch controller elevator 435,6	Electrical	4-12-77	U of M to Review
131-P	Revise Equipment M550 Nourishment station	General Electrical	4-22-77	Contractor for Signature
J32-P	Install observation window between rooms 2-108 & 2-109 and revise ceiling plan in area	General Electrical	4-29-77	Electrical to Quote
138-P	Revises rooms 8-110, 111, 113, See drawing	General Electrical	4-29-77	Electrical to Quote
139-A	Revise the location of service sink 1-78	General Mechanical	4-22-77	Mechanical Requote
140-P	Install an observation window between	General	4-29-77	Contractor for Signature
141-P	Electrical work for MTS	Electrical	4-28-77	Electrical to Quote
142-P	General work for MTS	General	5-19-77	General to Quote
144-P	Revise portion of 2nd floor to accomodate computer power relay equipment	General Electrical Mechanical	5-19-77	General to Quote Electrical to Quote Mechanical to Quote
145	Provide & install 8" detector Check valve	Mechanical	5-20-77	Mechanical to Quote
147-P	Modify hand rail on floors 3 & 7		5-25-77	General to Quote

NO.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
149-P	Provide pre-vac cycle for sterilizer S-217	General	5-13-77	U of M Processing
150	Not issued			
151-E	Install bollards in Mayo garage	General	5-24-77	General to Quote
152	Not issued			
153-A		Electrical	6-6-77	Electrical to Quote
154	Not issued			
155	Not issued			
157	Revise the fuel oil piping system	Mechanical	6-7-77	Mechanical to Quote
158-E			6-8-77	

OK 4/16/77  
Pure wire  
control box  
INTERLOCKS

# SHEEHY CONSTRUCTION COMPANY

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

MINUTES OF JOB MEETING UNIT B/C #69  
JUNE 9, 1977  
IN ATTENDANCE:

R. Magnuson	Westinghouse Elevator
Paul Maupin	U of M
R.P. Campbell	Campbell & Company
Dick Hendricks	U of M - Physical Plant
Jim Fallon	U of M
*Paul Kopietz	U of M
Joe McCormick	U of M
Ray Anderson	Hayes Contractors
*George Klein	Hayes Contractors
Jim Hastert	U of M
*Don Nelson	Mechanical Data
Jim Culligan	Premier Electric
*John Bellair	Premier Electric
Gene Kogl	U of M
Dick Carlson	HSAE
*Duane Blanchard	HSAE
*John Patterson	TAC
<del>XXXXXXXXXX</del>	<del>U of M</del>
Greg Kujawa	U of M
*Felix Hernandez	Mosler
O.W. Hughes	U of M
Steve Greene	U of M
Wally Mellum	U of M
Joe Palla	U of M
Jim Lang	Wm. Poppenberger & Son
Rich Sievers	Honeywell, Inc.
John Roettger	Sheehy
Pat Whalen	Sheehy
Ken Fick	Sheehy

\* Not Present

CORRECTIONS:

113. Kogl - The term "prime coordinator" is deleted in name only by the addendum.

REVIEW OF MINUTES:

- ✓ 110. Culligan - Mod. 122 is in the mail, Mod. 105 will be mailed Monday, June 13th, Mod. 132 will be mailed tomorrow, June 10th, Mod. 120 is almost ready. Wally Mellum should call John Bellair about the Joy fan wiring - the price is about ready.
- ✓ Fick - We need Mod. 125 from Premier also.
- ✓ 112. Roettger - The Commercial Steel strike is still on and, therefore, we cannot get the steel needed for the west building.
- ✓ 113. Kogl - When problems arise between prime contractors, the owner will step in to resolve.
- ✓ 114. Roettger - So far as traffic through Delaware Street is concerned, we feel we have danger only when raising or lowering the scaffolds but in order to minimize chance of any materials being dropped off the scaffolds, we will put chicken wire on the open areas of the sides of the staging.
- ✓ Kogl - We need the sidewalk open to stop or reduce the traffic through Unit 'A'. The hospital and police should enforce the traffic through the turnaround. Only the bus, mail and fire rigs need be permitted by specifications.
- ✓ Kujawa - We have signs up directing people and patients to use the Church Street access. There are wheelchair facilities there and they do not need to use the turnaround. What we need mainly is one man to direct people where to go.
- ✓ Roettger - We still need direction and plans on the East Delaware area in order to get the work finished.
- ✓ Kogl - We should have final plans in a day or two. There is a schedule to start work on the elevator in the heat shaft. Hughes - will you coordinate, we will probably want to lift entire ring to lower a staging then use the small opening for rails and so forth.

- ✓115. Carlson - We are still waiting for modification 105 from Hayes.
- ✓Campbell - If the Mod. is accepted, do we still have up to eight weeks waiting for door frames?
- ✓Roettger - Yes.
- ✓118. Hendricks - The overhangs on B/C look good. We are ready to proceed on core keying.
- ✓Culligan - We need the keying for protection.
- ✓Mellum - We need to resolve other problems first such as the fire seal in all electrical cores and the use by other trades of those cores.

NEW BUSINESS:

- ✓121. Fick - Because of the Modifications we now need to get the color selections again. We request that those people responsible review all modifications which have been and are being accepted and automatically issue us the color selections we need for each where applicable so that we can send them on to the appropriate subcontractor or material supplier. Shop drawings for Modification items will be submitted by us only when specifically required by the Mod. or when it is an item different than what is being furnished to the job by the appropriate contractor on his original work. So the point is that the architect will not always have a shop drawing on which to show the color selection. Right now we need the color of the folding door added by Mod. 67.
- ✓122. Roettger - We plan to install the link to Mayo Hospital in the latter part of July. We will try to make all connections from the outside.
- ✓Kujawa - Your work would have to be scheduled with the hospital and we must give them lead time because of the operating room schedules. Some nights these rooms are in use until after 7 p.m.
- ✓123. Roettger - The second floor slab on the west unit will be poured next Tuesday.
- ✓124. Anderson - The Durcon countertops on the 12th floor are important to us.
- ✓Kogl - The scallop effect of the top effects the strip plugs of the electrical work also.
- ✓Fick - The meeting by all concerned concerning these Durcon tops will be held here in this conference room at 1 p.m. on June 15th. All concerned are requested to attend.



- ✓125. Carlson - The plug mold color is called for in the specification to match the walls.
- ✓Mellum - Paint being used will not be durable enough when you add <sup>TO</sup> the plugs.
- ✓Kogl - Why can't the plug mold be sprayed with a urethane or other tougher paint to match the walls in order to solve the problem.
- ✓126. Magnuson - We are being held up by Brandt Airflex on the escalators.
- ✓Roettger - They are placing rails now and will get on to the escalators next. They were held up because of plastering above the escalators and had to work in other areas.
- ✓127. Roettger - The exit light housing are not the right color.
- ✓Fick - I am sure I sent them the correct sample so either I was given the wrong information or they did not follow what I sent them correctly.
- ✓Kogl - The fixtures can be painted on the job if the proper procedure is used over whatever type of finish is now on the fixtures.
- ✓Greene - Whatever you do to correct the color, let us know before hand.
- ✓128. Campbell - There is a new schedule out today. August 11th is valid for the 11th and 12th floors. For Phase 1 work - January 3, 1978 is not valid because of Modifications. The first of December is valid for substantial completion without Mods. The owner will move in the first of April with Modifications or the first of March without.
- ✓129. Mellum - We need fire stop in the perimeters of the electrical cores.
- ✓Roettger - The details on the drawings are confusing concerning this fire stop.
- ✓Fick - We will look into the matter further in order to resolve one way or another.
- ✓130. Hughes - Westinghouse is to proceed with graphics as shown on plans.
- ✓131. Hendricks - We object to the use of gray paint in the equipment rooms. We prefer white so that it does not absorb all the light.

SHOULD BE THE  
SAME AS OUT A  
BSMT. - OFF WHITE

- ✓132. Carlson - ~~KOGL 4-7-77~~ Premier Electric is holding up the job now by not getting Mods. submitted within a reasonable length of time. The effects will be worse in the future.
- ✓133. Roettger - The plastering contractor has started to patch the heat shields in Unit 'A'. The University had wanted to add some hangers.
- ✓ Hendricks - We will check on that. We had problems with the pump motors in Unit 'A'. What happened to the motor on the pump?
- ✓ Anderson - Waldor pulled it off. I am checking on this to see why.

# STEEL WORK SCHEDULE

Wed. 6.7.77

P- CEIL - 2ND FL. MOB 69. START

SH. ESCALATOR - RAIL + COVER

A.S. - 2ND FL ST DECK. READY FOR PROD

J.N. FIN. PRG - 12TH

P- CLEAN STAIRS

SANGER - S-5421 - COMP FOR 11TH

Thu 6.8.77

P- EXT. MET SOFFIT. LINK

SANGERS. P. PROD. START

P- REMOVE T'S. MAX. 94. P

P- CLEAN - 7TH FL

P- TAPER - 1ST FL

LSTI - INSTALLATION

Fri 6.9.77

P. S-5548. PLASTER CEIL - 8TH

P- ESCALATOR. BOTTOM

CLEAN UP DAY

J.N. PRIME 7TH FL.

P- S-5556. CEIL 6TH

OS. MOB. 94.

Sat 6.10.77

P- CEIL 1ST FL - S-59

H.S. S-5409. UNIT. 9TH

P- S-5502. CEIL 30. 12TH

S. COMP. JOCKING. 11TH FL

SANGER. LOADING. 10TH FL

Sun 6.11.77

S-1-5500 FOUR 2ND WEST

P- FENESTRA - COMP. 2ND FL

P- CLEAN UP 1ST FL

P- PLASTER STAIRS 11TH

J.N. FIN PRG. 11TH FL

Mon 6.12.77

S-1-5061. COL. 2ND FL WEST

Tue 6.20.77

P- TAPER. 8TH

Wed 6.13.77

S. HANG DOORS - 9TH FL

Thurs 6.21.77

J.N. PRIME 1ST FL

Fri 6.17.77

CLEAN UP DAY JN PAINTING - MECH RIMS. OFF BRICK & NOT STAIR

## Plumbing

- 1) Sleeve AND insert AS NECESSARY
- 2) 6-0404 Horiz. Plumbing Base, west
- 3) 6-0405 " " Base, stack #7
- 4) 7-0434 Horiz. Plumbing 14<sup>th</sup> FL. - Complete.
- 5) 7-0453 " " 13<sup>th</sup> FL. - Complete
- 6) 8-0403 " Plumbing Base stack #4-6 - Complete.
- 7) 8-0404 " " " " 7-9 - Complete.
- 8) 8-0410 " " 10<sup>th</sup> FL. Equip Rm - Complete
- 9) 8-0415 " " 15<sup>th</sup> " " " "
- 10) 5-6212 } work cannot start -
- 11) 5-6221 } others using float -
- 12) All Cores - complete - Basement thru 15-
- 13) Hot water Heaters AND circ. Pumps - Complete
- 14) All Lines changed FOR the A.T.S. system.

## Heating

- 1) Sleeve AND insert AS NECESSARY
- 2) 5-2656 - Heating Finish 6<sup>th</sup> FL. Complete
- 3) 5-2664 - " " 4<sup>th</sup> FL. Complete
- 4) 7-1434 - Horiz. Heating 14<sup>th</sup> FL. - Complete
- 5) 7-1453 - " " 13<sup>th</sup> FL. Complete
- 6) 8-1403 B - STANDS + EQUIP Base. EQUIP. Room
- 7) 8-1410 A - Heating mains 10<sup>th</sup> FL. Complete.
- 8) 8-1415 A - " " 15<sup>th</sup> Floor
- 9) 8-1415 B - STANDS AND EQUIP. 15<sup>th</sup> Floor
- 10) All cores complete Basement thru 15<sup>th</sup> Floor.

## Sheet Metal

- 1.) 4-1423 - 4-1478 All Cores 11-15.
- 2.) 5-5212 - Sheet Metal Finish 12<sup>th</sup> FL. Complete.
- 3.) 5-5221 - " " " 11<sup>th</sup> Floor
- 4.) 5-5239 - " " " 9<sup>th</sup> " "
- 5.) 5-5248 - " " " 8<sup>th</sup> " "
- 6.) 7-0665 - Horiz. duct work 5<sup>th</sup> FL. - Complete
- 7.) 8-0603 - Horiz. duct work 17-73 Base.
- 8.) 8-0604 - " " " 17-74 " "
- 9.) 8-0606 " " " 17-76 " "
- 10.) 8-0615 " " " 15<sup>th</sup> FL. Equip. Rm.
- 11.) Sleeve And insert as Required.

## Pipe Coverer

- 1.) 4-2833 - 4-2878 All Cores 12-15
- 2.) 5-1848 - Pipe covering 8<sup>th</sup> FL. Complete
- 3.) 5-1856 - " " 6<sup>th</sup> FL. Complete
- 4.) 8-1803 - Pipe covering Base. Equip. Rm.
- 5.) 8-1810 Pipe covering 10<sup>th</sup> FL. Equip. Rm.

## Sprinkler Fitter

- 1.) 5-5621 Sprinkler Finish 11<sup>th</sup> Floor.
- 2.) 5-5639 " " 9<sup>th</sup> Floor.
- 3.) 8-1603 Horiz. Sprink Rough-in - Complete.
- 4.) 8-1610 " " " 10<sup>th</sup> FL. Complete.
- 5.) Sleeve & insert as Required.
- 6.) Unit "A" Cooling tower. - Complete.

O.D.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
51-P*	Floor sleeves to alleviate spilled or overflow liquid migration between floors	General Electrical Mechanical	9-1-76	Electrical Contractor to Quote
55-A*	Revise certain features of the work in 1st floor west areas rooms 1-395 & 1-396	General Electrical Mechanical	10-4-76	U of M Evaluation.
66-P*	Revise provisions for electrically locked unlocked exit devices & electro-magnetic hold	General Electrical	11-10-76	U of M Evaluation
72-P*	Revise and clarify temporary electrical service installation	Electrical	12-3-76	U of M Evaluation
80-P*	Revisions to Electrical specs. & drawings	Electrical	1-10-77	Electrical to Requote
86-P	1st floor east power revisions in various rooms	Electrical	1-10-77	Time & Material
87-P*	Revisions - see modifications	Electrical	1-10-77	Time & Material
88-P*	Refer to mod. & Electrical drawing sheet E-24 for revisions	Electrical	1-10-77	Time & Material
104-P*	Omit sprinkler heads which interfere with operation of power files - see modifications	General Mechanical	2-25-77	Architect to Evaluate
105-P	Modify a portion of the 7th floor link for cart storage	General Mechanical Electrical	2-25-77	Mechanical to sep. breakdown. Electrical to Quote

NO.	DESCRIPTION	CONTRACT	DATE	COMMON
107-P	Omit all automatic air vents and 3/4" unions specified to be installed on top of all hydraulic supply and return risers.	Mechanical	3-9-77	U of M H.S.A.E. Evaluation
108-P	Omit all flanged spool pieces	Mechanical	3-9-77	U of M H.S.A.E. Evaluation
109-A	Omit the air blenders specified for the 100% outside air units	Mechanical	3-9-77	U of M H.S.A.E. Evaluation
111-P	Modify the rooms 2-57, 2-58 and portions of the existing adjacent Mayo Hospital	General Electrical Mechanical	3-9-77	U of M H.S.A.E. Evaluation
114-E*	Revises 2nd floor west plaza drainage system part of mod. 47-P.	Mechanical	3-8-77	U of M H.S.A.E. Evaluation
120-P	Revise the admitting/cashier office area on floor 2	General Mechanical Electrical	3-25-77	Electrical to quote.
122-P	Modify portions of room 1232, 1235, 1240, 1242	General Electrical	3-23-77	H.S.A.E. Evaluation
123-P	Modify the Unit B/C Plaza substrate Design	General	3-25-77	General to quote,
125-P	Modify elevator #11 in Unit A	General Mechanical Electrical	3-24-77	Electrical to Quote.
126-E	Modify the provisions for air conditioning	General Mechanical Electrical	3-30-77	U of M Processing <b>FINAL</b>
127-A	Modify Panel Heating System 1st floor west 1-269	General Mechanical	3-29-77	U of M Processing <b>FINAL</b>
128-P	Revisions to finished areas 9th floor	General Mechanical Electrical		H.S.A.E. Evaluation

DESCRIPTION

CONTRACT B. D. D.

COMMENTS

130-A	Install 200 amp 3 pole non fust Disconnect switch controller elevator 4-25-77	Electrical	4-22-77	U of M H.S.A.E. Evaluation
131-P	Revise Equipment H550 Nourishment station	General Electrical	4-22-77	Contractor for Signature
132-P	Install observation window between rooms 2-108 & 2-109 and revise ceiling plan in area	General Electrical	4-29-77	H.S.A.E. to Evaluate
138-P	Revises rooms 8-110, 111, 113, See drawing	General Electrical	4-29-77	REJECTED
139-A	Revise the location of service sink 1-78	General Mechanical	4-22-77	H.S.A.E. Evaluation
140-P	Install an observation window between	General	4-29-77	Contractor for Signature
141-P	Electrical work for MTS	Electrical	4-28-77	Electrical to Quote
142-P	General work for MTS	General	5-19-77	General to Quote
144-P	Revise portion of 2nd floor to accomodate computer power relay equipment	General Electrical Mechanical	5-19-77	General to Quote Electrical to Quote Mechanical to Quote
145	Provide & install 8" detector Check valve	Mechanical	5-20-77	Time & Material
146-P	Modify handrail on floor 3 (1)		5-25-77	General to Quote



## DESCRIPTION

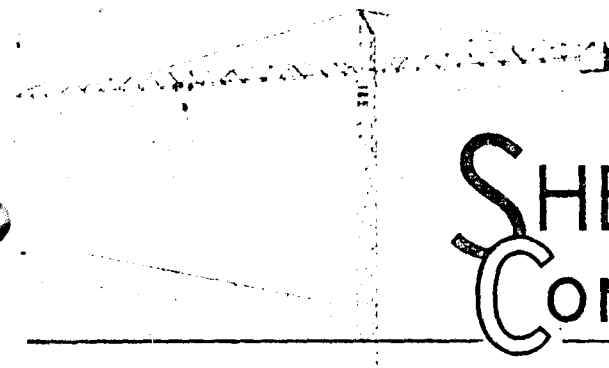
## CONTRACT ISSUED

## COMMENTS

150	NOT ISSUED			
151-E	Install bollards in Mayo garage	General	5-24-77	H.S.A.E. Evaluation
152				Electrical to Quote General to Quote
153-A	Electrical items coordination	Electrical	6-6-77	Electrical to Quote
154				Mechanical to Quote Electrical to Quote
155-P				General to Quote Mechanical to Quote
156-P	NOT ISSUED			
157	Revise the fuel oil piping system	Mechanical	6-8-77	Mechanical to Quote

158

**FINAL**



# SHEEHY CONSTRUCTION COMPANY

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

## MINUTES OF JOB MEETING UNIT B/C #70 - 6/16/77

### IN ATTENDANCE:

Jim Fallon	U of M
*Paul Kopietz	U of M
Wally Mellum	U of M
Joe Palla	U of M
Jim Lang	Wm. Poppenberger & Son
Jim Hastert	U of M
*Don Nelson	Mechanical Data
Joe McCormick	U of M
R. P. Campbell	Campbell & Company
Ray Anderson	Hayes Contractors
*George Klein	Hayes Contractors
Jim Culligan	Premier Electric
*John Bellair	Premier Electric
Gene Kogl	U of M
Dick Carlson	HSAE
*Duane Blanchard	HSAE
*John Patterson	TAC
<del>                    </del>	<del>                    </del>
*Greg Kujawa	U of M
*Paul Maupin	U of M
*Felix Hernandez	Mosler
O. W. Hughes	U of M
Steve Greene	U of M
John Roettger	Sheehy
Pat Whalen	Sheehy
Ken Fick	Sheehy
Rich Sievers	Honeywell
*Darrell Turnock	Haldeman-Homme
*Don Frenz	Hamilton Industries

\*Not Present

MAILING ADDRESS: P.O. BOX 3570 (55165)

REVIEW:

110. Carlson - Mods. No. 122 and 132 have been received from Premier. Mods. 105, 120, and 125 are not in yet.

Culligan - They are working on Nos. 120 and 105 and I will check on No. 125.

112. Roettger - The Commercial Steel strike is still on and we are unable to get the steel.

114. Kogl - The East Delaware plans by our people are ready now but we are still checking and putting notes on them.

Roettger - We have the Delaware sidewalk open and we close it only when we are lowering or raising the staging. The next time the staging is down we will install the chicken wire on the exposed sides.

115. Carlson - We are still waiting for the final quote from Hayes for Mod. 105.

121. Fick - As we have advised before, the delivery time for metal lab casework required by Mods. is four months after all information. We need the plastic laminate colors for this casework for Mods. 69, 95, 97, and 112 at once.

Carlson - I will take this up with TAC again immediately.

124. Fick - The meeting on the Durcon tops was held yesterday. All countertops rejected will be sent back to the manufacturer tomorrow.

Hughes - I believe elevations 161 and 167 show the only countertops remaining. So far as the trouble created by lack of the proper Hamilton shop drawings on the job is concerned, Bob Sullivan is well aware of this matter and admitted they had a problem with it. He said it would take care of it at once.

Greene - Hamilton is using the wrong drawings and I brought this up at the meeting. Even after the tops are corrected for warpage, dimensions for openings and so forth are still wrong in some cases.

Fick - I will contact Haldeman-Homme at once and tell them that they must get sets of the properly approved shop drawings from Hamilton so that everyone concerned is working from the same final approved drawing.

*rejected  
6/23/77  
KOGAL &  
MAUPIN*

128. Fick - We will now be requesting reluctantly and formally a time extension due strictly to the effects of the Modifications on the job. Some of the main reasons for the necessity of this request have been covered in these weekly minutes due to the difficulty of getting and resolving cost breakdowns for Modifications.

Campbell - The job is not behind schedule in those areas not affected by Modifications.

129. Roettger - We are putting the fire stop in but keeping our option open that this may be a contested item due to unclear details on the plan. The fire stop is even asked for in cores with catwalks.

Carlson - I disagree and go on record that there should be no additional cost for this work.

132. Carlson - Can we request that Bellair be at the meeting next week?

Kogl - Yes, do that.

NEW BUSINESS:

134. Fick - We were verbally directed by Green to remove and relocate door frame 11-154. Since this is a change from the plan we are entitled to and in fact required to receive this direction in writing and for the nth time we again request that such changes be given to us in writing.

Carlson - I think that when the frame was laid out there should have been a check made for the location of the cabinets.

Roettger - Frequently the plans have not shown required dimensions we need. Here we had one, we used it, and you still imply we were wrong. Premier, Poppenberger, and we are all affected by additional expense. We are keeping track of our additional costs.

Kogl - This is a matter which should be between the contractor and the architect. When laying out for door frames, it is not likely that there would be a check made on other things. When a dimension is given, the contractor would use it.

Lang - The corridor walls go in before the cross walls, therefore, it would be hard to check on cabinet layouts at that time anyway.

135. Fick - John Roettger has submitted written questions to the owner's field office on many occasions and not all of them have been responded to. We again request that all be responded to and in writing.

Hughes - Steve Greene may have some of them but will you show them to me and I will try and get the response you request.

136. Fick - As we pointed out at the beginning of the project, it would have been a great help if the HSAE transparencies had all five addenda items superimposed on them. On this project unfortunately that is not the case.

Fallon - As-built drawings are required, each prime contractor is required to keep a record set.

137. Roettger - We need more cooperation from Premier. The fourth floor has been ready for a week but they will not perform. It seems as though they have a man-power problem. Poppenberger moves all over in order to help the job. Due to no conduit being installed on the first floor some lathers and plasters will have to be laid off.

Kogl - Bellair told me that the fourth floor is not ready because of boots and the direction of boots.

Culligan - We can be there now.

138. Fick - We need to know what the tile selection is where it will be used in lieu of quarry tile due to the alternate accepted. We have never received a tile selection for this particular area.

Swanson - I will find out and get this information for you, we will not be using the expensive tile.

139. Anderson - We are worried about the work we have to do through the countertops on the 11th and 12th floors.

Fick - The corrected Durcon countertops are supposed to be back about the 1st of July and they will be installed at once.

140. Culligan - Is the plug strip over the countertops to be painted?

Carlson - If the owner will accept the gray color, we will issue a memo.

141. Anderson - We have all the materials here to start the West areas.

Roettger - We will lay out the first course of block so mechanical knows where to go. This will give the path but no elevations.

Fallon - Mod. 55 covers duct work; Mod. 155 covers the remainder.

142. Campbell - Delivery of temperature control equipment is critical. Solution warmer item #S210 is also critical. We need a schedule of the MTS in the West area.

Carlson - The changes by Mod. 155 were made at Mosler's request so they should be able to give us a schedule now.

143. Carlson - I am sending a letter to Hughes concerning Mod. 129 and how to install the pipe without taking down the soffit. We just got the price from the mechanical.

Hastert - This is a problem of coordination and we will have a meeting concerning it this afternoon.

144. Kogl - I would like to have the architect and the structural engineer view the cracks in certain floors. May be these are inherent with the metal deck and cantilever systems employed here. We need answers concerning possible repairs to floors before placing finish.

Carlson - We will arrange this examination.

Roettger - I have had Jack Larson here previously to view this and he is familiar with and not surprised by the condition.

145. Palla - We need the doors on the electrical vaults on the 10th floor and in the basement.

Whalen - We are working on these today.

SHEEHY WORK SCHEDULE

PREMIER - YOU ARE HOLDING US UP ON FLOORS - 1 - 4 - 6 - 8 & EQUIP. Rm.

WED. 6-15-77

MEETING - DEMO CAN TOPS - 1PM.

S - 1-5061 - COL - 2ND FL WEST

HAM. 5-5312 - CASEWORK - 12TH FL

P. HOLDING UP RFA - PLASTER 2ND FLR

THUR. 6-16-77

S - HANG DOORS - 9TH FL.

P. 5-3856. INT. CEIL - 6TH FLR  
4323 7TH 4373 2ND FLR

HAM. 4323 10TH 4373 2ND FLR

FRI 6-17-77

P. PLASTER COMP - 2ND FL, CEIL

P. CEIL. COMP. 1ST FL. S-39

CONTINUED UP

MON 6-20-77

P. PLASTER - START - 1ST FL CEIL

SANBORG 5-5421. COMP FLR - 11TH

HAM. 5-3821 - CASEWORK - 11TH FL

TUE 6-21-77

1-1342. BLACKTOP. MASONIC DRIVE

CH. ECOLUTION RAIL & COVER

MS. 5-3939. UAT - 9TH FL

WED 6-22-77

SANBORG. CLEAN SO. PLAZA 2ND S-39-546

P. 5-4364. DRYWALL - 4TH FLR.

THUR 6-23-77

R.R. RADIATION - TOUCH UP - 11 & 12

MS. 6-0410. VRT - 1ST FL EAST

LSI - CASEWORK - 11 & 12 INSIDE

\* MECH. <sup>6-0401</sup> <sub>6-0254</sub> HORIZ - DUCT & PENS. RADIATION

ECS. - BOM. 1PM CONT

J.N. 5-4387. PRIME - 7TH FL COMP

\* MECH. FAN EXHAUST - SYSTEM 2

S. 1-5060. DEPM - STAIR - 11TH FL

5TH LORRY - 5TH FL STAIR

J.N. 5-4312. COMP PAINT - 10TH FL

SANBORG. SP CONT 11TH FL. 12TH FL

\* MECH. <sup>6-0415</sup> <sub>6-0215</sub> HORIZ - DUCT & PENS. RADIATION

P. TAPE - STA FLR.

SANBORG - LORRY - 11TH FL

P. CEIL - STA FLR.

P. 5-4256 - STAIRS - 6TH FL.

MS. 6-0420. VRT - 2ND - 3RD

FRI 6-24-77

CONTINUED UP

MON 6-27-77

1-3515 - W/P - 50 PENN S-39-546

TUES 6-28-77

P. 5-3312. CEIL BD. 11 & 12

PAT

## Plumbing

- 1.) Sleeve and insert as necessary.
- 2.) 6-0404 Horiz. Plumbing Basement west
- 3.) 6-0405 " " " stack #7
- 4.) 5-6212 - WORK CANNOT START
- 5.) 5-6221 - " " "
- 6.) 6203 - Equip isolator assembly - Complete.
- 7.) 7133 - Booster pumps
- 8.) 10114 - WORK PROGRESSING
- 9.) MATERIAL DELIVERED FOR MOD. #25.

## Heating

- 1.) Sleeve and insert as necessary
- 2.) 8-1403 B - STANDS AND EQUIP. BASEMENT.
- 3.) 8-1415 A - Heating MAINS 15<sup>TH</sup> FLOOR.
- 4.) 8-1415 B - STANDS AND EQUIP - 15<sup>TH</sup> FLOOR.
- 5.) Hook up cooling coils on 10<sup>TH</sup> FLOOR.
- 6.) Condensate return in Basement.



## Sheet Metal

- 1.) 4-1423 - 4-1473 All Cores 11-15.
- 2.) 5-5212 - Sheet Metal Finish 12<sup>th</sup> Fl. Complete.
- 3.) 5-5221 - " " " 11<sup>th</sup> Floor
- 4.) 5-5239 - " " " 9<sup>th</sup> " "
- 5.) 5-5243 - " " " 8<sup>th</sup> " "
- 6.) 7-0665 - Horiz. duct work 5<sup>th</sup> Fl. - Complete
- 7.) 8-0603 - Horiz. duct work 17-73 Base.
- 8.) 8-0604 - " " " 17-74 " "
- 9.) 8-0606 " " " 17-76 " "
- 10.) 8-0615 " " " 15<sup>th</sup> Fl. Equip. Rm.
- 11.) Sleeve AND insert AS Required.

## Pipe Coverer

- 1.) 4-2833 - 4-2878 All Cores 12-15
- 2.) 5-1348 - Pipe covering 8<sup>th</sup> Fl. Complete
- 3.) 5-1356 - " " 6<sup>th</sup> Fl. Complete
- 4.) 8-1303 - Pipe covering Base. Equip. Rm.
- 5.) 8-1310 - Pipe covering 10<sup>th</sup> Fl. Equip. Rm.

## Sprinkler Fitter

- 1.) 5-5621 SPRINKLER Finish 11<sup>th</sup> Floor.
- 2.) 5-5639 " " 9<sup>th</sup> Floor.
- 3.) 8-1603 Horiz. SPRINK Rough-in - Complete.
- 4.) 8-1610 " " " 10<sup>th</sup> Fl. Complete.
- 5.) Sleeve & insert AS Required.
- 6.) Unit "A" Cooling tower - Complete.

PREMIER SCHEDULE

JUNE 16 - JUNE 23 1977

W. II

5-5039	RECESSED FIXTURES	9 <sup>th</sup> Floor
5-5045	RECESSED FIXTURES	8 <sup>th</sup> Floor
5-4542	BRANCH WIRE	8 <sup>th</sup> Floor
6-5012	RECESSED FIXTURES	1 <sup>st</sup> Fl. Hall
6-4412	BRANCH CONDUIT WALLS	1 <sup>st</sup> Fl. Hall
6-3412	BRANCH CONDUIT CEILING	1 <sup>st</sup> Fl. Hall
5-3962	BRANCH CONDUIT CEILING	4 <sup>th</sup> Floor
5-4464	BRANCH CONDUIT WALLS	4 <sup>th</sup> Floor
5-7637	DEVICES	9 <sup>th</sup> Floor
5-1737	FIVE ALARM WIRE	9 <sup>th</sup> Floor
5-7239	FIVE ALARM DEVICES	9 <sup>th</sup> Floor
	CONDUIT, WIRE & FIXTURES -	MECH. CORES 7 <sup>th</sup> Fl.

Bob Swanson

f - Janet Miller  
with the company

# SHEEHY CONSTRUCTION COMPANY

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

## MINUTES OF JOB MEETING - UNIT B/C #71 - 6/23/77

### IN ATTENDANCE:

Earl Romnes	Westinghouse Elevator
Jim Fallon	University of Minnesota
* Paul Kopietz	U of M
Jim Hastert	U of M
* Don Nelson	Mechanical Data
Jim Lang	Wm. Poppenberger & Son
Joe Palla	U of M
Joe McCormick	U of M
John Rudie	Campbell & Company
* Dick Campbell	Campbell & Company
Gene Kogl	U of M
Paul J. Maupin	U of M
Darrell Turnock	Haldeman-Homme
Jim Culligan	Premier Electric
* John Bellair	Premier Electric
Ray Anderson	* Hayes Contractors
* George Klein	Hayes Contractors
R. Carlson	HSAE
* Duane Blanchard	HSAE
* John Patterson	TAC
* Felix Hernandez	Mosler
O.W. Hughes	U of M
Wally Mellum	U of M
Steve Greene	U of M
Dick Hendricks	U of M
John Roettger	Sheehy
Pat Whalen	Sheehy
Ken Fick	Sheehy

\* Not Present

CORRECTIONS:

121. Carlson - You need color selections for Mods. 69 and 95 for metal lab casework. Mods. 97 and 112 are metal with epoxy resin tops.
128. Campbell - I request all contractors try to have a handle on time extensions needed to put in the next runout.
137. Culligan - Referring to numbers 128 and 137 we are ahead of schedule by two months on the 4th floor.
- Hughes - We were not referring to the CPM but as to how the job is now. Everyone is trying to better the CPM.
140. Culligan - Credit for painting plug strip will have to come from another contractor.
143. Carlson - The letter on Mod. 129 was how it was being handled not on how the work was to be performed.

REVIEW:

- ✓110. Fick - What is the status now on Mods. 105, 120, 122, and 125?
- Carlson - 105 is in by Premier and Hayes. Premier has numbers 120 and 122 in now but not 125. No. 132 has been sent to contractors for signature.
- ✓112. Fick - The Commercial Steel strike is still on.
- ✓114. Fick - We need six copies of the East Delaware print which I understand has been issued now. *Q-10 9/20/77*
- ✓Kogl - Get all notes by all concerned on the transparency first and then have new prints made and sent out to the contractors as required.
- ✓124. Turnock - About one half of the resin Durcon tops that were returned will be shipped back tomorrow, the rest will be sent back so as to reach the job about July 11. Most of the changes on shop drawings were internal. Catalog numbers being changed and so forth. Drawings distributed by Hamilton were not copies of the stamped sepia by HSAE because all of the dimensions on them were not legible.
- ✓Roettger - You had better check further because there are places where holes were two inches instead of four inches and length change from 25 inches to 25½ inches.

✓ Carlson - You must <sup>have</sup> approved drawings - we make copies and we can read them.

Fick - It is Hamilton's job to get proper drawings to all concerned so that we are all working from the same drawings and we request Haldeman-Homme to get these proper drawings to us promptly.

128. Campbell - We will update right after the 4th. Owner personnel should have their input ready on the 5th.

Roettger - Does Premier work get updated? We loose weeks because they are short up to three electricians.

✓ 136. Culligan - Do As-Built's have to have all Mods. and Addendum on or can they be pasted on?

Carlson - We expect to be shown how and where conduit is run.

Kogl - Purpose is to show home runs by arrow, and how, in slab or overhead, pull boxes and so forth, the idea is so we can trace them. <sup>GENE WANTS TO SEE THE ACTUAL RUNS.</sup>

140. Carlson - We have a letter from Premier which is wrong on the painting of the plug molding. The requirement is in bold print in Section 16100, Article 2.5, and also in Section 16010.

✓ 141. Anderson - Did Mod. 155 place a hold on the affected area?

✓ Hughes - Yes, there is a hold until we can meet with Mosler concerning many <sup>FACE</sup> ~~money~~ options. You should have the prints they were issued about the 15th of June. Some things are to be separate so that we can use options with MTS. <sub>NOT MARK</sub>

✓ Kogl - If Hayes could get an outside figure together for the hospital, maybe things could be speeded up.

✓ Roettger - We are doing masonry wall and door layout in the area now.

NEW BUSINESS:

✓ 146. Fick - When we send quotations for various things to the owner's field office, we are entitled to and would appreciate some kind of a response or acknowledgement.

✓ Hughes - We have the quotations you have sent and we are reviewing them.

✓147. Fick - There is so much difficulty getting other primes to do their clean up that we asked if we could submit a price only for clean up for Mods. issued to mechanical and/or electrical?

✓Kogl - The answer is No. But Premier has a lot of short conduit laying around and somebody will step on them and get hurt. If they don't do their cleanup, the owner will have to do it at their expense.

✓Culligan - Do you think we should sweep the whole room for two pieces of wire?

Roettger - If you can't pick them up, Yes. There are short pieces of wire all over the 11th and 12th floors.

✓148. Fick - In talking to Commercial Steel about other matters, I discovered they still have not detailed some of the steel required for this job. They refer to it as a walkway and it may be the bridge leading to Mayo. We will check on it further.

✓149. Campbell - The start up of equipment for 11th and 12th floors will not be until August 1st. We'll eat up about 17 days of float.

✓Anderson - Will you permit temporary air of less than 78 degrees to be brought into the building?

✓Hendricks - You can bring in as designated - we will change when we occupy.

✓150. Mellum - We need to get firm direction on what will and will not be running on take over date for floors 11 and 12. We have emergency generators one year old that are still without radiators.

✓Anderson - These will be shipped soon and I will give you a date.

✓Greene - Specifications spell out what we need to have started.

✓Campbell - The owner should set up criteria as to what and where so contractors are all working in this direction.

✓Hastert - I am working on this now.

✓151. Hughes - Westinghouse will be cranking up for the number one elevator. We will need an opening every other floor for man accessibility.

✓Roettger - We will have to remove the temporary slab first.

✓ Romnes - We will need to have a small hole in the roof. The temporary car will have a 9'-6" head room. Is this okay?

✓ Carlson - Yes.

✓ 152. Hendricks - The shut down and change between Units 'A' and 'B/C' should be scheduled and done between August 20th and Labor Day.

✓ Culligan - We will go over this with Wally Mellum so that we can do our work at the same time.

CORRECTION AND ADDITION:

✓ 143. Anderson - We agreed to drop our requote for Mod. 129. A letter has been sent advising that we will do the work for the initial quotation.

✓ 141. Fallon - Mod. 55 covers the water main and duct work. No. 155 covers MTS.

A meeting on modifications followed the regular meeting.

SHEEHY WORK SCHEDULE

E+S - PREMIER - NEEDS MANPOWER

YOU ARE HOLDING UP JOB PROGRESS

WED. 6-22-77

H.M. 5-5821 - CASEWORK - 11TH FL

J.N. 5-4812 - FIN PRINT 12TH FL

S - 1-5060 - BEAMS ST SLAB - WEST

S - 6-4926 - MISCELLARY MEZZ

P - TAPE - 8TH FLR.

THUR 6-23-77

H.S. 6-8410 - VHT. 1ST FL EAST

P. 5-3886 - CEIL - 6TH COMP.

BA. ESCALATOR. RAIL + COVER - NOW!

P. 6-4012 - LEAD - 1ST FL

S - COLUMN - WEST - COMPLETE

FRI 6-24-77

"CLEAN UP DRY"

BA. 4-1105  
5TH FL SOFFIT. ELEV LOBBY

J.N. - 5-4839 - PRIME 9TH COMPLETE

P. 5-4256 - STAIRS - 6TH FL

O.B. 6-0632 - HORIZ DUCT 3RD FLR

S - CLEAN

MON 6-27-77

N.H. 1-3515 - W/P. SO. PLAZA. EAST

E.S. 6-7830 - PIPE COU. 3RD FLR

S - HANG DOORS - 9TH FL

H.M. 6-5810 - INSTAL CSWA. 1ST EAST

P - 5-4664 - DRYWALL 4TH FL

TUES. 6-28-77

P. 5-5312 - CEIL BD. 11TH + 12TH FL SANDER. 6-5412 - COMP FOR. 15 FL

P - 6-3802 - CEIL. BSMT.

S - 6-8610 - DOORS EAST - 1ST FLR.

WED 6-29-77

H.S. VHT. - 2ND FLO-6

MON. 7-11-77

HAPPY 4TH.

THUR. 6-30-77

P - LATHER - 3RD FLR CEIL

TUES. 7-5-77

P. 6-3515. PLASTER 1ST FLR CEIL

FRI. 7-1-77

OWNER MOVE IN - 9TH FLR

"CLEAN UP"



## Plumbing

- 1.) Sleeve and insert as necessary.
- 2.) 6-0404 Horiz. Plumbing Basement west
- 3.) 6-0405 " " " Stack #7
- 4.) 5-6212 - work cannot start
- 5.) 5-6221 - " " "
- 6.) 6203 - Equip isolation assembly - Complete.
- 7.) 7133 - Booster Pumps
- 8.) 10111 - work progressing
- 9.) Material delivered for mod. #55.

## Heating

- 1.) Sleeve and insert as necessary
- 2.) 3-1403 B - stands and equip. Basement.
- 3.) 3-1415 A - Heating mains 15<sup>th</sup> Floor.
- 4.) 3-1415 B - stands and equip - 15<sup>th</sup> Floor.
- 5.) Hook up cooling coils on 10<sup>th</sup> Floor.
- 6.) Condensate return in Basement.

- 7.) 8-0603 - Horiz. duct work 17-73 Base.
- 8.) 8-0604 - " " " 17-74 "
- 9.) 8-0606 " " " 17-75 "
- 10.) 8-0615 " " " 15<sup>th</sup> FL. Equip. Rm.

11.) Sleeve and insert as required.

Pipe Coverer

- 1.) 4-2333 - 4-2373 All cores 13-15
- 2.) 5-1343 - Pipe covering 8<sup>th</sup> FL. Complete
- 3.) 5-1356 - " " 6<sup>th</sup> FL. Complete
- 4.) 8-1303 - Pipe covering Base. Equip. Rm.
- 5.) 8-1311 Pipe covering 10<sup>th</sup> FL. Equip. Rm.

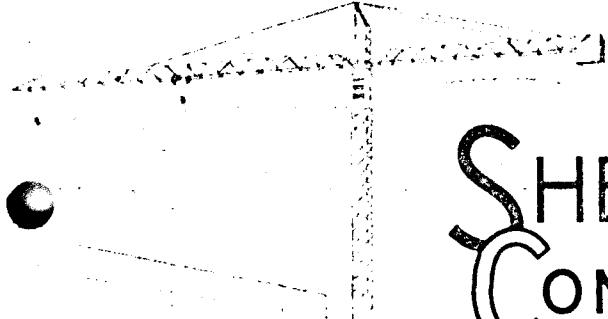
Sprinkler Fitter

- 1.) 5-5621 SPRINKLER FINISH 11<sup>th</sup> Floor.
- 2.) 5-5639 " " 9<sup>th</sup> Floor.
- 3.) 8-1603 Horiz. SPRINK Rough-in - Complete.
- 4.) 8-1610 " " " 10<sup>th</sup> FL. Complete.
- 5.) Sleeve & insert as required.
- 6.) Unit "A" Cooling tower - Complete.

NO.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
51-P*	Floor sleeves to alleviate spilled or overflow liquid migration between floors	General Electrical Mechanical	9-1-76	Electrical to Quote
55-A*	Revise certain features of the work in 1st floor west areas rooms 1-395 & 1-396	General Electrical Mechanical	10-4-76	U of M to Evaluate
66-P*	Revise provisions for electrically locked unlocked exit devices & electro-magnetic hold	General Electrical	11-10-76	U of M to Evaluate
72-P*	Revise and clarify temporary electrical service installation	Electrical	12-3-76	U of M to Evaluate
80-P*	Revisions to Electrical specs. & drawings	Electrical	1-10-77	Electrical to Requote
86-P	1st floor east power reivisions in various rooms	Electrical	1-10-77	Time & Material
87-P*	Revisions - see modifications	Electrical	1-10-77	Time & Material
88-P*	Refer to mod. & Electrical drawing sheet E-24 for revisions	Electrical	1-10-77	Time & Material
104-P*	Omit sprinkler heads which interfere with operation of power files - see modifications	General Mechanical	2-25-77	Mechanical for Signature Contractor for Signature
105-P	Modify a portion of the 7th floor link for cart storage	General Mechanical Electrical	2-25 77	REJECTED
107-E*	Omit all automatic air vents and 3/4" unions specified to be installed on top of all hydronic supply and return risers	Mechanical	3-9-77	Mechanical to Requote
108-E	Omit all flanged spool pieces	Mechanical	3-9-77	Contractor for Signature

NO.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
109-E*	Omit the air blenders specified for the 100% outside air units	Mechanical	3-9-77	Contractor for Signature
111-P	Modify the rooms 2-57, 2-58 and portions of the existing adjacent Mayo Hospital	General Electrical Mechanical	3-9-77	H.S.A.E. Evaluation
114-E*	Revises 2nd floor west plaza drainage system part of mod. 47-P	Mechanical	3-8-77	Contractor for Signature
120-P	Revise the admitting/cashier office area on floor 2	General Mechanical Electrical	3-25-77	H.S.A.E/ Uof M Evaluation General contractor to confirm co
122-P	Modify portions of room 1-232, 1-235, 1-240, 1-242	General Electrical	3-23-77	H.S.A.E. Evaluation
123-P	Modify the Unit B/C Plaza substrate Design	General	3-25-77	General to Quote
125-P	MODify elevator #11 in Unit A	General Mechanical Electrical	3-24-77	H.S.A.E. Evaluation
129-P	Revisions to finished areas 9th floor	General Mechanical Electrical	4-12-77	Mechanical ?
130-A	Install 200 and mp 3 pole non fuse Disconnect switch controller Elevator 4,5,6	Electrical	4-12-77	Electrical to requote
132-P	Install observation window between rooms 2-108, & 2-109 and revise ceiling plan in area	General Electrical	4-29-77	Contractor for Signature Electrical for Signature
136-A	Aud. Seating	General Electrical	4-14-77	Time & Material for Electrical
139-A	Revise the location of service sink 1-78	General Mechanical	4-22-77	H.S.A.E. Evaluation

O.D.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
141-P	Electrical work for MTS	Electrical	4-28-77	H.S.A.E. Evaluation
142-P	General work for MTS	General	5-19-77	General to Quote
144-P	Revise portion of 2nd floor to accomodate computer power relay equipment	General Electrical Mechanical	5-19-77	Mechanical to Quote Electrical to Quote
145-	Provide & install 8" detector Check valve	Mechanical	5-20-77	Time & Material
147-P	Modify handrail on floor 3 & 4		5-25-77	H.S.A.E. to Evaluate
150-E	NOT ISSUED			
152-P	Furnish & install permanent equipment for Elevator #1	General Electrical Vert.Trans.	6-13-77	General to Quote Electrical to Quote
153-A	Electrical items coordination	Electrical	6-6-77	Electrical to Quote
154-P	Revises mechanical & electrical work on floors 1,2,8, & 9	Mechanical Electrical	6-15-77	Mechanical to Quote Electrical to Quote
155-P	Provide work and material to accommodate MTS	General Electrical Mechanical	6-13-77	General to Quote Electrical to Quote Mechanical to Quote
156-P		General	6-21-77	General to Quote
157	Revise the fuel oil piping system	Mechanical	6-8-77	Mechanical to Quote
159-P	Revision to Room 9-138	General Electric	6-24-77	Electrical to Quote General to Quote



\* 147  
\* III

# SHEEHY CONSTRUCTION COMPANY

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

MINUTES OF JOB MEETING - UNIT B/C #72- June 30, 1977

IN ATTENDANCE:

Ralph Magnuson	Westinghouse Elevators
Jim Fallon	U of M
*Paul Kopietz	U of M
Jim Hastert	U of M
*Don Nelson	Mechanical Date
Jim Lang	Wm. Poppenberger & Son
Joe Palla	U of M
Joe McCormick	U of M
*Dick Campbell	Campbell & Company
Gene Kogl	U of M
<del>Paul L. Maun</del>	U of M
Jim Culligan	Premier Electric
*John Bellair	Premier Electric
Ray Anderson	Hayes Contractors
*George Klein	Hayes Contractors
R. Carlson	HSEA
Duane Blanchard	HSAE
John Patterson	TAC
Felix Hernandez	Mosler
O. W. Hughes	U of M
Wally Mellum	U of M
Steve Greene	U of M
Dick Hendricks	U of M
John Roettger	Sheehy
Pat Whalen	Sheehy
Ken Fick	Sheehy

\* Not Present

Corrections

- 141. Hughes: Mod 155 problem pertain to routing and space problems not money.
- 152. Hendricks: The shut down will be for cross connections, steam, electrical, and possibly water.
- 136. Kogl: The as builts are to show routing: How and where the runs are in the slab or overhead. The same for mechanical piping.

Review

- 110. Carlson: We have received Mod. 125 from Premier since the last meeting.
- 124. Fick: We still do not have the necessary sets of working shop drawings from Hamilton. I understand that Hamilton or Haldeman-Homme may want to go over the sepia again with HSAE to make sure that they are correct and complete.

Carlson: I object to going over the shop drawings a second time. The General Contractor should be in on this also.

- ✓150. Mellum: We are banking on the next CPM.  
Hughes: I have a list of equipment and we will also need distilled water pumps.  
Anderson: We will turn the heat on the 1st of August. Sheehy is using up float by the ~~modification~~ work being done to the Durcon counter tops.
- ✓151. Kogl: The head room will be more than 9'-6".  
Hughes: I request that Sheehy and Premier expedite the submission of quotations for modification 152.
- ✓143. Carlson: Concerning modification 129 - we still need the confirming letter from Hayes.  
Anderson: We will do this on Saturday.

New Business

- ✓153. Fick: We request more diligence from HSAE and the owner's field personnel in examining our work as we do it so that mistakes or misinterpretations are discovered early and can be corrected accordingly. Examples are the plaster on the 11th and 12th floors of the B building and the metal soffits on both B and C. On March 31 of this year I gave a letter to Dick Carlson drawing his attention to the possibility that the plaster on the 12th floor of the B building may be too rough. Unfortunately nothing ensued from that action of mine; but two and one-half months later after all the plaster was finished on both the 11th and 12 floors of the B building, Mr. Carlson wrote Mr. Kogl a letter stating that the plaster was rougher than that required by his specification, and therefore, not acceptable.  
Carlson: So far as that incident is concerned I called you and you said you would provide more input. I didn't receive any from you. Are you implying that I didn't follow through?  
Fick: Yes, we wish you would have inspected or had the user inspect if he is to be the deciding factor. It seems as though our troubles on the 11th and 12th floors began when the user inspected the walls.

✓Fick: If that is true we request that the user pay more attention to the work as it is being done so that any mistakes can be discovered more quickly.

Hughes: We thought we had an agreement with Poppenberger but that got side-tracked.

✓Fick: So far as the metal soffits are concerned would it be possible to paint sufficient strips on the job so that work can be done where the staging is now in place?

✓Kogl: I think there are acrylic paints that weather about as well as the baked enamel.

✓Carlson: Can you give us something in writing on the different paints and methods available?

✓Lang: We will get replacement strips from the factory for soffits which are done from which the staging has been removed. We wish to paint only enough to keep going now where the staging is in place. Is it possible to leave the soffits on the south side of the building beige as they tie in with nothing else there?

✓Carlson: No.

✓156. Magnuson: We recommend access panels be placed on each side of the escalators.

Carlson: I will study the matter and get back to Hughes.

Kogl: Let's put them in if necessary.

✓157. Hughes: Campbell will be talking to all contractors on the new schedule for print out. Everyone is cautioned not to be impulsive and make changes that would negate the float time.

Roettger: The schedule should show actual time that is saved by coordination on the job site.

✓158. Hendricks: We need real caution on the Diehl Hall work.

Roettger: The problem was that a man went in to look at the condition to plan work not to actually do anything. We will schedule the latter.

✓159. Hendricks: I would like to know more about the soffits. The 15th floor soffit on unit A looks good. The 5th floor on unit A does not. What Greene showed me on unit B and C looks really good.

Roettger: Soffits on Unit A are not caulked well.

✓160. Hendricks: Is there anything new yet on the light bulb replacement and sprinkler head maintenance over the escalators and in other inaccessible areas?

Carlson: TAC has this problem and was instructed to contact you.

Hughes: I have paper work on painting in the equipment rooms and I will show Hendricks.



- ✓161. Roettger: The exit lite housings have all been shipped back to the manufacturer for repainting.
- ✓162. Maupin: There is to be no more parking by the church.
- ✓163. Lang: What is the schedule on inspecting the 11th floor?  
Hughes: I like what I have seen and will tour once more and write a report.  
Kogel: What I have seen looked OK.
- ✓164. Greene: Have you checked on the material for the Audio Metric rooms?  
I have seen the doors and question the finish according to modification 65.  
Roettger: Yes, I have talked to the installer.

SHEELEY WORK SCHEDULE

WED - 6-29-77

S. HANG DOORS - 9TH FL

HAM. 5-5821. CASEWORK. 11TH

H.H. LSI CASEWK - 1ST FL

J.N. 5-4811. FIN PRINT 11TH FL

S. CLEAN - 7TH FLOOR

P. 6-3302. CEIL BSMT.

BT. 4-1103. 5TH FL SOFFIT

THUR 6-30-77

S. POUR WALL S-47-S-48 W.3

J.N. 5-4839. PRIME 9TH COMP

S. POUR TOPPING. ME22

HAM. 5-5837. CASEWORK 9TH

UOPM <sup>7-9007</sup> PUNCH OUT 9TH FLR

P. 5-3360. 5TH FLR LOBBY CEIL

FRI - 7-1-77

<sup>1-5060</sup> S. POUR. 2ND FLR S-47-S-48

P. 5-4256. STUDS COMP. 6TH FL

S. TURN OVER - 7TH FLR

P. TAPER - COMP - 8TH FL

SANDER - SP. GLAZE 11TH FL?

CLEAN UP DAY

TUES. 7-5-77

A.S. 5-8439 - URT 9TH FL

P. 5-4664. DRYWALL. COMP. 4TH FL

J.N. 5-4821. 11TH FLR. FIN.

H.H. - LSI. CASEWK - 9TH FL

J.N. - PRIME FRAMES - 8TH

ES. 6-1803 COMP. BSMT. CEIL AREA

WED. 7-6-77

S. 1-5064. POUR PLAZA

UOPM. CHECK RADIATION - 1-242

THUR 7-7-77

S. 6-4706. MASONRY ME22

FRI. 7-8-77

SANDBERG. REMOVE REBAR. SO PLAZA

P. WHAT HAS HAPPENED TO CEIL BO?

" " "

BLACK CLOSURE STRIP?

MON 7-11-77

N.H. 1-3515. W/P. SO PLAZA

TUES - 7-12-77

S. 1-9010 OPEN UP MAYO FOR ST. STEEL 5TH

S. 6-4715 - MASON-LAYOUT 1ST FL W/BSY

J.N. 5-4809. FIN PRINT - 9TH FL

CLEAN UP DAY

## Plumbing

- 1) Sheave and inspect as necessary.
- 2) 6-0404 Horiz. Plumbing Basement west
- 3) 6-0405 " " " Strake #4
- 4) 5-6212 - Work cannot start
- 5) 5-6221 - " " "
- 6) 6203 - Equip isolation assembly - completed
- 7) 7133 - Booster Pumps
- 8) 10114 - Work progressive
- 9) Material delivered for mod #5.

## Heating

- 1) Sheave and inspect as necessary
- 2) 3-1403 B - struts and equip. Basement.
- 3) 3-1415 A - Heating mains 15<sup>th</sup> floor.
- 4) 3-1415 B - struts and equip. - 15<sup>th</sup> floor.
- 5) Hook up cooling coils on 10<sup>th</sup> floor.
- 6) Condensate return in Basement.

## Sheet Metal

- 1) 4-1423 - 4-1473 All cores 11-15.
- 2) 5-5212 - Sheet Metal Finish 12<sup>th</sup> Fl. Complete.
- 3) 5-5221 - " " " 11<sup>th</sup> Floor
- 4) 5-5239 - " " " 9<sup>th</sup> " "
- 5) 5-5243 - " " " 8<sup>th</sup> " "
- 6) 7-0665 - Horiz. duct work 5<sup>th</sup> Fl. - Complete
- 7) 8-0603 - Horiz. duct work 17-73 Base.
- 8) 8-0604 - " " " 17-74 " "
- 9) 8-0606 " " " 17-76 " "
- 10) 8-0615 " " " 15<sup>th</sup> Fl. Equip. Lm.
- 11) Sleeve and insert as required.

## Pipe Covering

- 1) 4-2333 - 4-2373 All cores 14-15
- 2) 5-1343 - Pipe covering 3<sup>rd</sup> Fl. Complete
- 3) 5-1356 - " " 6<sup>th</sup> Fl. Complete
- 4) 8-1303 - Pipe covering Base. Equip. Lm.
- 5) 8-1304 - Pipe covering 10<sup>th</sup> Fl. Equip. Lm.

## Sprinkler Fitter

- 1) 5-5621 Sprinkler Finish 11<sup>th</sup> Floor.
- 2) 5-5639 " " 9<sup>th</sup> Floor.
- 3) 8-1603 Horiz. Sprink. Rough-in - Complete.
- 4) 8-1610 " " " 10<sup>th</sup> Fl. Complete.
- 5) Sleeve & insert as required.
- 6) Unit "A" Collins tower - Complete.

MOD.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
51-P*	Floor sleeves to alleviate spilled or overflow liquid migration between floors	General Electrical Mechanical	9-1-76	Electrical to Quote
55-A*	Revise certain features of the work in 1st floor west areas rooms 1-395 & 1-396	General Electrical Mechanical	10-4-76	U of M to Evaluate (Contractor's name)
66-P*	Revise provisions for electrically locked unlocked exit devices & electro-magnetic hold	General Electrical	11-10-76	U of M to Evaluate
72-P*	Revise and clarify temporary electrical service installation	Electrical	12-3-76	U of M to Evaluate
80-P*	Revisions to Electrical specs. & drawings	Electrical	1-10-77	Electrical to Requote
86-P	1st floor east power revisions in various rooms	Electrical	1-10-77	Time & Material
87-P*	Revisions - see modifications	Electrical	1-10-77	Time & Material
88-P*	Refer to mod. & Electrical drawing sheet E-24 for revisions	Electrical	1-10-77	Time & Material
104-P*	Omit sprinkler heads which interfere with operation of power files - see modifications	General Mechanical	2-25-77	U of M Processing
105-P	Modify a portion of the 7th floor link for cart storage	General Mechanical Electrical	2-25 77	REJECTED
107-F*	Omit all automatic air vents and 3/4" unions specified to be installed on top of all hydronic supply and return risers	Mechanical	3-9-77	Contractors for Signature
108-E	Omit all flanged steel pieces	Mechanical	3-9-77	U of M Processing

	DESCRIPTION	CONTRACT	ISSUE	REVISIONS
2-P*	Omit the air blowers specified for the 100% outside air units	Mechanical	3-9-77	U of M Processing
1-P	Modify the rooms 2-57, 2-58 and portions of the existing adjacent Mayo Hospital	General Electrical Mechanical	3-9-77	U of M Hospital Valuation
1-E*	Revises 2nd floor west plaza drainage system part of mod. 47-P	Mechanical	3-8-77	U of M Processing
2-P	Revise the admitting/cashier office area on floor 2	General Mechanical Electrical	3-25-77	General contractor to confirm cost
2-P	Modify portions of room 1-232, 1-235, 1-240, 1-242	General Electrical	3-23-77	General Contractor to confirm cost
3-P	Modify the Unit B/C Plaza substrate Design	General	3-25-77	General to Quote
5-P	Modify elevator #11 in Unit A	General Mechanical Electrical	3-24-77	Contractor for Signature
9-P	Revisions to finished areas 9th Floor	General Mechanical Electrical	4-12-77	General Contractor to confirm cost Mechanical to confirm original price
2-A:	Install 200 amp 3 pole non fuse Disconnect switch controller Elevator 4,5,6	Electrical	4-12-77	Rejected?
15-A	Add. Scheduling	General Electrical	4-14-77	U of M Processing
12-A	Revise the location of service sink 1-73	General Mechanical	4-22-77	U of M Processing

NO.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
141-P	Electrical work for MTS	Electrical	4-28-77	Rejected
142-P	General work for MTS	General	5-19-77	General Contractor to Quote
144-P	Revise portion of 2nd floor to accommodate computer power relay equipment	General Electrical Mechanical	5-19-77	Mechanical Electrical to Quote
145	Provide & install 8" detector Check valve	Mechanical	5-20-77	T & M.
147-P	Modify handrail on floor 3 & 4		5-25-77	U of M Evaluating <i>Rejected 7-10-77</i>
150-E	NOT ISSUED			Not Issued
152-P	Furnish & install permanent equipment for Elevator #1	General Electrical Vert. Trans.	6-13-77	General Electrical to Quote
153-A	Electrical items coordination	Electrical	6-6-77	Electrical to Quote
154-P	Revises mechanical & electrical work on floors 1,2,8, & 9	Mechanical Electrical	6-15-77	Mechanical Electrical to Quote
155-P	Provide work and material to accommodate MTS	General Electrical Mechanical	6-13-77	General Mechanical to Quote Electrical
156 P	REVISE CEILING ON 1 <sup>ST</sup> FLOOR	General	6-21-77	General to Quote
157	Revises the fuel oil piping system	Mechanical	6-8-77	H.S.A.E. Evaluation
159-P	Revision to room 9-138	General	6-24-77	General to Quote Electrical



# SHEEHY CONSTRUCTION COMPANY

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

MINUTES OF JOB MEETING UNIT B/C #73 JULY 7, 1977

IN ATTENDANCE:

R. Magnuson	Westinghouse Elevator
Jim Fallon	U of M
*Paul Kopietz	U of M
Ray Anderson	Hayes Contractors
*George Klein	Hayes Contractors
Dick Hendricks	U of M - Physical Plant
Jim Culligan	Premier Electric
*John Bellair	Premier Electric
R. Anderson	HSAE
*John Patterson	TAC
*Duane Blonchard	HSAE
Greg Kujawa	U of M
Bob Swanson	U of M
*Paul Maupin	U of M
*Felix Hernandez	Mosler
O. W. Hughes	U of M
Gene Kogl	U of M
Steve Greene	U of M
Pat Whalen	Sheehy
John Roettger	Sheehy
Ken Fick	Sheehy
Rich Sievers	Honeywell, Inc.
Wally Mellum	U of M
Jim Hastert	U of M
*Don Nelson	Mechanical Data
Joe McCormick	U of M
Joe Palla	U of M

**RECEIVED**

JUL 13 1977

UNIV. OF MINN.  
HEALTH SCIENCE  
PLANNING OFFICE

\*Not Present



CORRECTIONS:

150. Carlson - This should read Sheehy is using up float by remedial work not by Modification work on the countertops.

REVIEW:

151. Fick - We will have Mod. 152 in next week.

Carlson - We still need the electrical quote too.

143. Carlson - We are still waiting for the confirming letter from Hayes concerning Mod. 129.

153. Carlson - Poppenberger brought over a sample of the two coat application to be put on the reveal strips for the metal soffit. We need a sample also for the University construction people and we also need a letter on the durability of the paint.

Lang - These strips are being painted in their original 16 ft. length with a baked on finish.

156. Hughes - The access panels at the escalators will be installed but not where Carlson wanted them. Jim Kiefer from Westinghouse will provide the locations.

163. Greene - Regarding acceptance of plaster walls on the 12th floor, Sander & Co. is starting a new sample for approval.

Roettger - The new sample looks better than the first and Sander is using different personnel and a different method to achieve the desired result.

161. Roettger - The exit light fixtures which were returned to Brandt Airflex Corp. for repainting will be back here at the jobsite next week.

NEW BUSINESS:

165. Roettger - The 3rd floor structural pour on the West Building will be next Thursday instead of tomorrow.

Fick - The Commercial Steel strike has ended.

Roettger - The steel strike made our work more awkward but has not affected us badly.

166. Hughes - Mod. 155 is still tangled up - we will have some options next Tuesday.

167. Carlson - We need some more breakdowns from Sheehy on Mods. 120 and 122.

Fick - The further breakdown you request on Mod. 122 was sent you yesterday and the additional breakdown you request on Mod. 120 will be in the hands of you and the owner tomorrow morning.

168. Mellum - We need more control of corridor lights because the switching there is not adequate.

Culligan - We will start on switching next week.

Palla - Use emergency lights until you get the switching done.

169. Fallon - Mod. 123 is not quoted and accepted yet.

Mellum - The snow melting was not resolved as of this morning.

Culligan - This was resolved this morning.

Roettger - We are doing the plaza work as per Mod. 123. We have one area that water is trapped in now and I request that Carlson look into this with me after this meeting.

Carlson - I will but don't confuse the 2nd floor work with the plaza substrate design at the 3rd floor level.

170. Hastert - We are getting into difficulty with contractors talking to and making decisions directly with the engineers rather than going through us.

Kogl - All decisions must be made by going through our field office. We will not pay for or accept responsibility for decisions we are not involved in.

Roettger - Some changes were made in ceiling diffusers with Bob Nielson. Mr. Nielson should then follow up on this in writing.

Kogl - That is not the way it is supposed to work. The University Field Office personnel must be involved in all decisions. This matter pertains mostly to mechanical - not very much involves the general.

## Sheet Metal

- 1) 4-1423 - 4-1493 All cases 11-15.
- 2) 5-5212 - Sheet Metal Finish 12<sup>th</sup> Fl. Complete.
- 3) 5-5221 - " " " 11<sup>th</sup> Fl. " "
- 4) 5-5239 - " " " 9<sup>th</sup> Fl. " "
- 5) 5-5243 - " " " 8<sup>th</sup> Fl. " "
- 6) 7-0605 - Horiz. duct work 5<sup>th</sup> Fl. - Complete.
- 7) 7-0603 - Horiz. duct work 11-73 " "
- 8) 7-0604 - " " " 11-74 " "
- 9) 7-0606 - " " " 11-75 " "
- 10) 7-0615 - " " " 15<sup>th</sup> Fl. " "
- 11) Sleeve and insert as required.

## Pipe Covers

- 1) 4-2333 - 4-2373 All cases 11-15.
- 2) 5-1343 - Pipe covers 3<sup>rd</sup> Fl. Complete.
- 3) 5-1356 - " " " 6<sup>th</sup> Fl. Complete.
- 4) 5-1303 - Pipe covers 3<sup>rd</sup> Fl. " "
- 5) 5-1304 - Pipe covers 10<sup>th</sup> Fl. " "

## Sprinkler Fitter

- 1) 5-5621 Sprinkler Finish 11<sup>th</sup> Fl. " "
- 2) 5-5639 " " " 9<sup>th</sup> Fl. " "
- 3) 5-1603 Horiz. Sprinkler Wash-in - Complete.
- 4) 8-1610 " " " 10<sup>th</sup> Fl. Complete.
- 5) Sleeve & insert as required.
- 6) Unit "A" cooling tower - Complete.

RECEIVED

JUL 20 1977

# SHEEHY CONSTRUCTION COMPANY

UNIV. OF MINN.  
HEADQUARTERS  
PLANNING OFFICE

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

## MINUTES OF JOB MEETING UNIT B/C #74 - 7/14/77

### IN ATTENDANCE:

Jim Fallon	University of Minnesota
Paul Kopietz	University of Minnesota
Paul Maupin	U of M
Rich Sievers	Honeywell, Inc.
Jim Lang	Wm. Poppenberger & Son
John Rudie	Campbell & Company
*Dick Campbell	Campbell & Company
Joe McCormick	U of M
Ray Anderson	Hayes Contractors
*George Klein	Hayes Contractors
Darrell Turnock	Haldeman-Homme
Jim Culligan	Premier
*John Bellair	Premier
Dick Hendricks	U of M - Physical Plant
Dick Carlson	HSAE
*Duane Blanchard	HSAE
*John Patterson	TAC
Greg Kujawa	U of M
Gene Kogl	U of M
*Steve Greene	U of M
O. W. Hughes	U of M
Wally Mellum	U of M
Joe Palla	U of M
*Al Marchese	Mosler
Pat Whalen	Sheehy
John Roettger	Sheehy
Ken Fick	Sheehy

\* Not Present

REVIEW:

151. Carlson - Since the last meeting we have received the general quotation on Mod. 152 but not the electrical quotation.

153. Lang - We will submit samples of the black reveal strips for the metal soffit to Oliver Hughes today.

163. Fick - Are the plaster walls of the 11th floor now approved by the owner and ready for the application of the special coating? Has the sample remedial work Sander did on the 12th been accepted by the owner now as the example to use for the remainder of the walls on the 12th floor?

Hughes - These areas have been accepted now and we will give evidence of same to you. We must be sure Sander & Company gets the proper thickness of his glazed wall coating application.

166. Hughes - We have a new drawing from Zinter on the new path on the W4 line. He has this cleared with the hospital. There will be no change on Mod. 155.

170. Carlson - So far as the changes to some ceiling diffusers are concerned, Nielsen is not alone on this. He usually has someone from the field office with him. We request that Sheehy return to us the Poppenberger sepias for reflective ceilings covering floors B thru 12 except floors Nos. 5, 7, and 10. These sepia then or prints from them can be marked up as changes are made on a floor by floor basis.

Fallon - A letter should follow from Nielsen then on the changes made.

171. Rudie - The new schedule is out. The clean and punch dates are controlled by temperature control. If there is any problem, contact us.

Anderson - We should have the 10th floor finished in a week and a half.

150. Turnock - The Durcon tops will be shipped back to the job on the 19th or 20th. I have factory drawings and approved shop drawings from Hamilton which I would like to review with someone from HSAE this afternoon. Most of the changes are field dimension changes.

Kogl - Go through and identify the areas changed. Changes made to accommodate field dimensions should be okay. Design changes involve function and then the architect and the user need to review them.

Carlson - We will keep our time on this review separately.

NEW BUSINESS:

172. Maupin - The working drawings will be out for bid on the Phase II work in about 3 weeks.

173. Roettger - West Delaware has a problem with water running in the planting area rather than under the street. Cores were taken where we had to remove the curb because of height problems.

Kogl - We had samples taken and we will take some more. Then we will see what problems we have. It seemed that the Class 5 was dirty to me.

174. Hendricks - We still have a problem with water at the southwest corner of Unit 'A' near the intersection of the EW and S25 grid lines.

Anderson - We added one drain and relocated one by Mod. - maybe this will correct that problem.

175. Mellum - Westinghouse is on strike now and they hope to be back by Nov. 1st which shows they are not optimistic concerning a settlement.

176. Carlson - We will be sending a letter to each prime contractor showing a typical breakdown of costs as they are supposed to appear on Modifications according to the specifications. The way it is too many items are being lumped together.

177. Hendricks - In Unit 'A' there are holes to be patched and duct work to be insulated.

McCormick - This work is being done today.

Hendricks - Remove the forms from garage floor slab. No workers should be in Unit 'A' using the telephone or toilet facilities. We need a better security system between the 'B' and 'A' units. For example there should be some way of locking the doors.

178. Lang - The remedial work on the 6th floor soffit is finished now and we are ready for inspection on it.

## Plumbing

- 1.) Sleeve and insert as necessary.
- 2.) 6-0404 Horiz. Plumbing Basement west
- 3.) 6-0405 " " " " stack #17
- 4.) 5-6212 - work cannot start
- 5.) 5-6221 - " " "
- 6.) 6203 - Equip isolator assembly - Complete.
- 7.) 7133 - Booster pumps
- 8.) 10114 - work progressing
- 9.) Material delivered for Mod. #55.

## Heating

- 1.) Sleeve and insert as necessary
- 2.) 8-1403 B - stands and equip. Basement.
- 3.) 8-1415 A - Heating mains 15<sup>th</sup> Floor.
- 4.) 8-1415 B - stands and equip - 15<sup>th</sup> Floor.
- 5.) Hook up cooling coils on 10<sup>th</sup> Floor.
- 6.) Condensate return in Basement.

## Sheet Metal

- 1.) 4-1423 - 4-1478 All cores 11-15.
- 2.) 5-5212 - Sheet Metal Finish 12<sup>th</sup> FL. Complete.
- 3.) 5-5221 - " " " 11<sup>th</sup> Floor
- 4.) 5-5239 - " " " 9<sup>th</sup> " "
- 5.) 5-5248 - " " " 8<sup>th</sup> " "
- 6.) 7-0665 - Horiz. duct work 5<sup>th</sup> FL. - Complete
- 7.) 8-0603 - Horiz. duct work M-73 Base.
- 8.) 8-0604 - " " " M-74 "
- 9.) 8-0606 " " " M-76 "
- 10.) 8-0615 " " " 15<sup>th</sup> FL. Equip. Rm.
- 11.) Sleeve AND insert as required.

## Pipe Coverer

- 1.) 4-2833 - 4-2878 All cores 11-15
- 2.) 5-1848 - Pipe covering 8<sup>th</sup> FL. Complete
- 3.) 5-1856 - " " 6<sup>th</sup> FL. Complete
- 4.) 8-1803 - Pipe covering Base. Equip. Rm.
- 5.) 8-1810 Pipe covering 10<sup>th</sup> FL. Equip. Rm.

## Sprinkler Fitter

- 1.) 5-5621 Sprinkler Finish 11<sup>th</sup> Floor.
- 2.) 5-5639 " " 9<sup>th</sup> Floor.
- 3.) 8-1603 Horiz. Sprink Rough-in - Complete.
- 4.) 8-1610 " " " 10<sup>th</sup> FL. Complete.
- 5.) Sleeve & insert as required.
- 6.) Unit "A" cooling tower - Complete.



# SHEEHY WORK SCHEDULE

WED 7-13-77

P- 6-3802 - CEIL BSMT

HAM- DURACON TOPS - 11+12

P- 5-3564 - PLASTER CEIL - 4TH FL

P- TAPERS - 1ST FL N.W

A.S. 5-8437 UAT 9TH

P- 6-4620 - STUDS. 2ND FL <sup>NOV 69</sup> U-1ST

THUR 7-14-77

\* S- 1-5064. POUR PLAZA

SANDER - SPRAY GLAZE - 11TH

P- 6-4615 - DRYWALL - 1ST FL N.W.

J.N. <sup>5-4415</sup> PRIME 8TH FL

P- 5-4064 - LEAD - 4TH FL

J.N. 6-4810 - PRIME DOORS. 1ST FL

FRI 7-15-77

P- 5-4664. TAPERS. START. 4TH FL

HAM. 5-3839. COMP CSWK. 9TH

CLEAN UP

J.N. 5-4821. FIN. 11TH FL COMP

O'B - COMP. S M IN AUDITORIUM

P- EXT. MTL SOFFIT <sup>(BLACK)</sup> <sub>(SHE DOWN)</sub>

MON 7-18-77

S- <sup>6-4706</sup> BL. MEZZ - WESS + LAYOUT 1ST

S- 5-8639. HANG DOORS 9TH FL COMP

SANDBERG - ST STEEL. 2ND + 3RD E2-EW

S- <sup>1-9510</sup> OPEN UP MAYO - 5TH FL

NH. 1-3515. W/P. 5th PLAZA

TUES 7-19-77

P- 5-4656 - DRYWALL - 6TH FL

A.S. 6-8410. UAT - 1ST FL EAST

S- 6-8610 - HANG DOORS - 1ST EAST

SANDBERG. MTL DECK - PLANTER WEST

B.A. RADIATION. 13 + 14TH FLS

WED 7-20-77

P- 6-3830 - CEIL - 3RD FL START ENST

P- 6-4202 STUDS. BSMT. O-6

FRI 7-22-77

CLEAN UP

MON 7-25-77

B.A. - ESCALATOR COMPLETE

THUR 7-21-77

S- 5-8648 - HANG DOORS. 8TH FL

TUES 7-26-77

5-4448 - RADIOMETRIC RMS. COMP

PREMIER WORK Sch.  
July 14 - July 21

W.I

ACTIVITY

AREA

6-5012	RECESSED FITTURES	1 <sup>st</sup> NW
5-4456	BR. CONDUIT - WALLS	6 <sup>th</sup> FL.
5-3956	BR. CONDUIT - CEILING	6 <sup>th</sup> FL.
5-4364	BR. WIRE	4 <sup>th</sup> FL.
6-3004	FEEDER CONDUIT	BASE. WEST
6-4412	BR. CONDUIT - WALLS	1 <sup>st</sup> FL. N.W.
6-4312	BR. CONDUIT - CEILING	1 <sup>st</sup> FL. N.W.
6-4419	BR. CONDUIT - WALL	1 <sup>st</sup> FL. ST. 8
6-3919	BR. CONDUIT - CEILING	1 <sup>st</sup> FL. ST. 8
6-5010	RECESSED FITTURES	1 <sup>st</sup> FL. E.
8-7110	CONNECT MOTORS	18 <sup>th</sup> FL. E. ROOM
8-7115	CONNECT MOTORS	15 <sup>th</sup> FL. E. ROOM
8-7103	CONNECT MOTORS	BASE. E. ROOM
	PULL FIVE ALARM WIRE	RISEYS
	Mod 9SP	2 <sup>nd</sup> Floor
6-5019	RECESSED FITTURES	1 <sup>st</sup> FL. ST. 8

Bob Swanson



UNIVERSITY OF MINNESOTA  
TWIN CITIES

Unit B/C Construction Office  
Health Sciences Expansion  
611 Delaware Street S.E.  
Minneapolis, Minnesota 55414

**RECEIVED**

**JUL 15 1977**

**UNIV. OF MINN.  
HEALTH SCIENCE  
PLANNING OFFICE**

July 13, 1977

THE FOLLOWING MODIFICATIONS ON THE ATTACHED SHEETS ARE NOT  
FINALIZED FOR ONE OF SEVERAL REASONS. THIS IS AS OF 7/13/77.

THE \* DENOTES MODIFICATIONS ISSUED AT LEAST 30 DAYS AGO.

MOD	Description	Contc.	Issued	Comments
51-P*	Floor sleeves to alleviate spilled or overflow liquid migration between floors	General Electrical Mechanical	9-1-76	Electrical to Quote
55-A*	Revise certain features of the work in 1st floor west areas rooms 1-395 & 1-396	General Electrical Mechanical	10-4-76	U of M to Evaluate
66-P*	Revise provisions for electrically locked unlocked exit devices & electro-magnetic hold	General Electrical	11-10-76	U of M to Evaluate
72-P*	Revise and clarify temporary electrical service installation	Electrical	12-3-76	U of M to Evaluate
80-P*	Revisions to Electrical specs. & drawings	Electrical	1-10-77	Electrical to Requote
86-P	1st floor east power revisions in various rooms	Electrical	1-10-77	Time & Material
87-P*	Revisions - see modifications	Electrical	1-10-77	Time & Material
88-P*	Refer to mod. & Electrical drawing sheet E-24 for revisions	Electrical	1-10-77	Time & Material
104-P*	Omit sprinkler heads which interfere with operation of power files - see modifications	General Mechanical	2-25-77	General portion Rejected U of M Processing
107-E*	Omit all automatic air vents and 3/4" unions specified to be installed on top of all hydronic supply and return risers	Mechanical	3-9-77	U of M Processing

MOD.	Description	Cont'r.	Issued	Comments
111-P	Modify the rooms 2-57, 2-58 and portions of the existing adjacent Mayo Hospital	General Electrical Mechanical	3-9-77	Contractors for Signature
120-P	Revise the admitting/cashier office area on floor 2	General Mechanical Electrical	3-25-77	U of M/H.S.A.E. to Evaluate
122-P	Modify portions of room 1-232, 1-235, 1-240, 1-242	General Electrical	3-23-77	U of M/H.S.A.E to Evaluate
123-P	Modify the Unit B/C Plaza substrate Design	General	3-25-77	General Contractor to Quote
125-P	Modify elevator #11 in Unit A	General Mechanical Electrical	3-24-77	U of M Processing
129-P	Revisions to finished areas 9th floor	General Mechanical Electrical	4-12-77	U of M/H.S.A.E. to Evaluate
130-A	Install 200 and mp 3 pole non fuse Disconnect switch controller Elevator 4,5,6	Electrical	4-12-77	Rejected
136-A	Aud. Seating	General Electrical	4-14-77	Time & Material for Electrical
139-A	Revise the location of service sink 1-78	General Mechanical	4-22-77	U of M to Evaluate
142-P	General work for MTS	General	5-19-77	General Contractor to Quote

MOD.	Description	Contc.	Issued	Comments
144-P	Revise portion of 2nd floor to accomodate computer power relay equipment	General Electrical Mechanical	5-19-77	Mechanical to Quote Electrical to Quote
145-E	Provide & install 8" detector check valve	Mechanical	5-20-77	Time & Material
147-P	Modify handrail on floor 3 & 4		5-25-77	Rejected
150-E	Not Issued			Not Issued
152-P	Furnish & install permanent equipment for Elevator #1	General Electrical Vert. Trans.	6-13-77	General Contractor to Quote Electrical Contractor to Quote
153-A	Electrical items coordination	Electrical	6-6-77	Electrical Contractor to Quote
154-P	Revises mechanical & electrical work on floors 1, 2, 8, & 9	Mechanical Electrical	6-15-77	Mechanical Contractor to Quote Electrical Contractor to Quote
155-P	Provide work and material to accommodate MTS	General Mechanical Electrical	6-13-77	General Contractor to Quote Mechanical Contractor to Quote Electrical Contractor to Quote
156-P	Revise ceiling on 1st floor	General	6-21-77	U of M Processing
157-A	Revise the fuel oil piping system	Mechanical	6-8-77	U of M to Evaluate

MOD

Description

Contr.

Issued

Comments

159-P

Revision to room 9-138

General  
Electrical

6-24-77

General Contractor to Quote  
Electrical Contractor to Quote

160-P

Install wire woven fence on 1st floor for  
cart storage

General

7-8-77

General to Quote

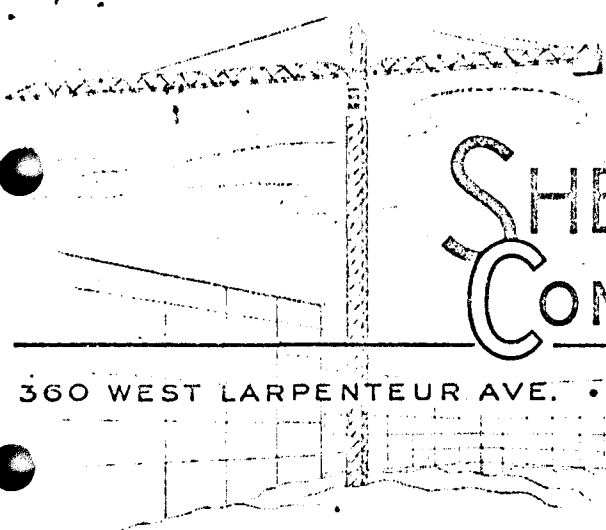
161-P

Omit Type 14 wall type on 2nd floor S-25  
East of E-8

General

7-8-77

General to Quote



# SHEEHY CONSTRUCTION COMPANY

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

## MINUTES OF JOB MEETING UNIT B/C #75 - JULY 21, 1977

### IN ATTENDANCE:

R. Magnuson	Westinghouse Elevator
Jim Fallon	U of M
*Paul Kopietz	U of M
R. P. Campbell	Campbell & Company
Ray Anderson	Hayes Contractors
*George Klein	Hayes Contractors
Jim Lang	Wm. Poppenberger
Rich Sievers	Honeywell, Inc.
Joe Palla	U of M
Wally Mellum	U of M
Jim Culligan	Premier Electric
*John Bellair	Premier Electric
Dick Hendricks	U of M - Physical Plant
Gene Kogl	U of M
Richard J. Carlson	HSAE
*Duane Blanchard	HSAE
*John Patterson	TAC
Greg Kujawa	U of M
*Felix Hernandez	Mosler
O. W. Hughes	U of M
Steve Greene	U of M
Pat Whalen	Sheehy
John Roettger	Sheehy
Ken Fick	Sheehy
Jim Hastert	U of M
*Don Nelson	Mechanical Data

\* Not Present



REVIEW:

- ✓151. Carlson - The cost breakdown from Premier Electric for Modification 152 has still not been received by us.
- ✓170. Fick - We are still waiting for the sepia covering reflected ceilings on certain floors as requested from Poppenberger.  
  
Lang - I will get them to you.
- ✓150. Roettger - The remaining Durcon countertops which were out for remedial work were supposed to be back here tomorrow.
  - ✓ Hughes - When the large batch of corrected final working shop drawings arrive from Hamilton for job use by everybody, we would like to review them with the architect.
  - ✓ Kogl - That would clear the air of any problems.
- ✓173. Roettger - In the Minutes last week the word "rather" following the words "planting area" should be deleted.
  - ✓ Greene - More cores were taken in this area but the results are not back yet.
- ✓174. Hendricks - The problem with the water at the southwest corner of Unit 'A' is still there. The water could come from the Unit 'A' Plaza.
  - ✓ Fick - Speaking of this area, we have still never received a reply to our letter to HSAE stating that in our opinion the paving brick is not a suitable material to be used in the street at this area.
  - ✓ Carlson - We do not intend to change the design but will respond to you after talking with TAC.
  - ✓ Kogl - There are discussions being held on this between our engineering and HSAE on durability. We expect HSAE to respond to the Sheehy letter however.
- ✓175. Magnuson - The elevator strike ended on July 14, 1977.
- ✓177. Hendricks - Nothing has been done on the duct work yet. Workers are still coming into the 'A' Unit. The 11th floor elevator lobby needs more security.

NEW BUSINESS:

- ✓179. Campbell - The schedule shows Mod. 155 in the West area is critical. The concrete is on the early side. 11th and 12th floors clean up and punch is still on schedule. The schedule is being maintained with the exception of areas with problems due to Modifications.
  - ✓ Carlson - Two Mods. 99 and 103 show they carry to the end of the job - why?
  - ✓ Campbell - Mods. with casework will show a long lead time.
  - ✓ Hastert - You feel you can have 11th and 12th floors ready for clean and punch mechanically with the latest list from Nielson of equipment that must be operating?
  - ✓ Anderson - Yes we do, we don't feel that all of the equipment Nielson is asking for is necessary. If necessary, we will set up another meeting with my people.
- ✓180. Fick - Our subcontractor has placed the first Feature Strip along side of and parallel to the north wall of Diehl Hall. We request that the owner and architect inspect this Feature Strip now so that we have formal approval of it before our subcontractor does any further work.
  - ✓ Hughes - We will look at this with Dick Carlson today.
- ✓181. Fick - What is the present status of Mod. 139 and 144?
  - ✓ Carlson - 139 is tied up by the owner's evaluation of the mechanical breakdown. The electrical and mechanical breakdowns for Mod. 144 have not been submitted.
  - ✓ Hastert - For Mod. 139 there are reasons to rewrite the Mod. for the mechanical work. There will be no change to the general work.
- ✓182. ✓Roettger - We request that we receive a memo or something in writing when inspectors find something that is not acceptable so that other trades will know not to cover up these areas. An example is where ceiling areas have been punched and checked.
  - ✓ Hughes - We were wondering about putting these things in writing.
  - ✓ Anderson - Yes, a speed letter or memo would be fine.

✓183. Anderson - The Joy fans are presently being wired.

\*184. Mellum - We have a potential problem with the work in the Shielded Rooms, which should be resolved promptly. At issue are the penetrations caused by plumbing and electrical work and supports necessary for the casework installation as well as the installation of the plywood.

Fick - We will call Ray Proof Corporation at once and arrange for the proper person from that firm to come here for a meeting at the earliest possible time.

✓185. Carlson - We need to make sure that properly approved shop drawings are getting to the field office.

✓Greene - We don't have approved shop drawings for the telephone access panel covers.

✓Fick - The reason for that is that an Addendum deleted the requirement originally shown on your plan for those panels to be furnished by the misc. metal supplier. The result was that nobody had them included in the job and hence no shop drawings were ever prepared for them.

✓Roettger - We ordered them from information given us by Al Newcomer. The cores and the cylinders are wrong but we will correct these and get the proper ones. We will also get you shop drawings for the panel covers.

✓186. Roettger - The window on the 8th floor of the 'A' Building has not been replaced yet because there was a strike on for the affected people when we initially ordered that the work be done. We will see to it now that the broken glass is replaced.

✓187. Fallon - We request that every one indicate on all appropriate correspondence a section number or some other means of identification so that the reader can readily tell what the correspondence refers to and it will also simplify filing for us here in our office.

SHEEHY WORK SCHEDULE

WED - 7-20-76

P- 6-3830 - CEIL 3RD - EAST

P- 6-4220 - STAIRS BSMT. 0-6

JN- 5-4848 - PRIME 8TH FL

THUR 7-21-76

S- 5-8645 - HANG DOORS - 8TH

N.H. - 1-3515 - W/P - SA PLAZA

P- 5-4656 - DRYWALL - 6TH FL

FRI 7-22-76

CLEAN UP

S- 1-5064 - POUR S-36-S-27 PLAZA

LSI - CASEWORK - 8TH

MON 7-25-77

J.N. 6-4810 PRIME

HAM - DURACON TOPS - 11+12TH

HOB - FIN - 3-75

TUE 7-26-77

S- 4-448 - AUDIO TIPS 8TH FL C.

S- 1-9010 - DEMO - BL TO MARYOLINK (C) PRE - CONDUIT - BSMT - WIRE

P- 6-3804 - PANS - BSMT - (KIM)

WED 7-27-77

H.S. 5-8443 - UAT. 8TH FL

THUR 7-28-77

SHEEHY - CONCR FL BSMT (CONCR)

B.A. CLOSURE - 4TH FL

SANDER - S.G. II - 11TH FL + 12TH

LAMB - FIT + PLUMB ROUGH IN - MALL

P- 5-4064 - LEAD 4TH FL

O'B - DUCT PROVISION MALL

P- 6-4612 - DRYWALL - 1ST FL

B.A. - RADIATION - 4TH - 13

P- 5-4064 - LEAD - 6TH FL

H.S. 5-8409 - UAT - 9TH FL

P- 6-4612 - PLASTER 1ST FL - HALL

S- B.L. MALL - EXON

P- 6-4620 - DRYWALL - 2ND FL

P- 6-3704 - CEIL - 2ND FL - EXON

PAC - CONDUIT - BSMT - WIRE

HAM - CASEWORK - 2ND + 3RD FL

FRI 7-29-77

CLEAN UP

MON 3-1-77

P- HAND-DRIVEN CONCR - 8TH FL

TUE 3-2-77

HARRINI - BRICK PROFFS - S-25

Mon 7-25-77

J.N. 6-4810 PRIME

HAM - DURACON TOPS - 11+12TH

HON - FIN - 3-75-

P- 6-4612 - PLASTER. 1ST. F - 200

S- B.L. MALL. 2000.

P- 6-46-0. DRYWALL. 2ND F.

Tu 7-26-77

S-4118 - HYDRO PIPES 8TH FL C.

P- 6-3504 - CEILING BOARD 2ND F.

S- 1-9010 - DEMO - BC - TO MIPOLINK (C) - PRE - CONCRIT - BSMT - WIND.

P- 6-3504. PANS - BSMT - (KRM)

HAM - CONCR - 2ND F - 2000

Wed 7-27-77

H.S. 5-2448 - UFT. STAFF.

CLEAN UP

Mon 3-1-77

Mon 3-1-77

Tue 7-28-77

SIXON - CONCR FL BSMT. (CONCR)

P- HYDRO PIPES CEILING 2ND F.

Tue 7-28-77

ARRINI - BRICK PAVERS - S-25.

101

### Plumbing

- 1) Sleeve + insert AS NECESSARY.
- 2) 6-0404 Horiz. PLUMBING Base. West
- 3) 6-0405 " " " " stack in comp.
- 4) 5-6212 - WORK CANNOT START.
- 5) 5-6221 - " " " "
- 6) 7133 - Deliver Booster Pumps - Complete.
- 7) 5-6239 - PLB. Finishes - 9<sup>th</sup> Floor.
- 8) 6-0406 - PLB. Rough-in west Mezz.
- 9) PLUMBING Fixtures on 12, 11, + 9.
- 10) Tie in sewer Between Diehl + MAYO
- 11) GLASS waste + vent in CAsement.

Hand in

## Sheet Metal

- 1.) 4-1423 - 4-1478 All cores 11-15
- 2.) 5-5221 - sheet metal Finish 11<sup>th</sup> Floor.
- 3.) 5-5239 - " " " 9<sup>th</sup> Floor.
- 4.) 5-5248 - " " " 8<sup>th</sup> Floor.
- 5.) 8-0603 - Horiz. Duct work M-73
- 6.) 8-0604 - " " " M-74
- 7.) 8-0606 - " " " M-76
- 8.) 8-0615 - " " " 15<sup>th</sup> Fl. Equip. Rm.
- 9.) sheet metal - Mezz. west.

## Pipe Cover

- 1.) 4-2833 - 4-2878 - All cores 11-15
- 2.) 8-1803 - Pipe covering base. Equip. Rm.
- 3.) 8-1810 - " " 10<sup>th</sup> Fl. Equip. Rm.
- 4.) Pipe covering in wall on 1<sup>st</sup> floor
- 5.) " " " " 3<sup>rd</sup> Floor.

## Sprinkler Fitter

- 1.) 5-5621 Sprinkler Finish 11<sup>th</sup> Floor.
- 2.) 5-5639 " " 9<sup>th</sup> Floor.
- 3.) 8-1603 Horiz. Sprink. rough-in - complete
- 4.) 8-1610 " " " 10<sup>th</sup> Fl. Equip. Rm.
- 5.) sleeve + insert as required.
- 6.) Horiz. Sprink. rough-in west mezz.

PREMIER WORK Sch.  
July 14 - July 21

W. I	ACTIVITY	AREA
6-5012	RECESSED FITTURES	1 <sup>st</sup> NW
5-4456	Br. CONDUIT - WALL	6 <sup>th</sup> FL.
5-3956	Br. CONDUIT - CEILING	6 <sup>th</sup> FL.
5-4364	Br. WIRE	4 <sup>th</sup> FL.
6-3004	FEEDER CONDUIT	BASE. WEST
6-4412	Br. CONDUIT - WALL	1 <sup>st</sup> FL. N.W.
6-4312	Br. CONDUIT - CEILING	1 <sup>st</sup> FL. N.W.
6-4419	Br. CONDUIT - WALL	1 <sup>st</sup> FL. ST. S
6-3919	Br. CONDUIT - CEILING	1 <sup>st</sup> FL. ST. S
6-5010	RECESSED FITTURES	1 <sup>st</sup> FL. E.
6-7110	CONNECT MOTORS	18 <sup>th</sup> FL. E. ROOM
6-7115	CONNECT MOTORS	15 <sup>th</sup> FL. E. ROOM
6-7103	CONNECT MOTORS	BASE. E. ROOM
	PULL FIVE ALARM WIRE	RISEVS.
	Mod 98P	2 <sup>nd</sup> Floor
6-5019	RECESSED FITTURES	1 <sup>st</sup> FL. ST. S

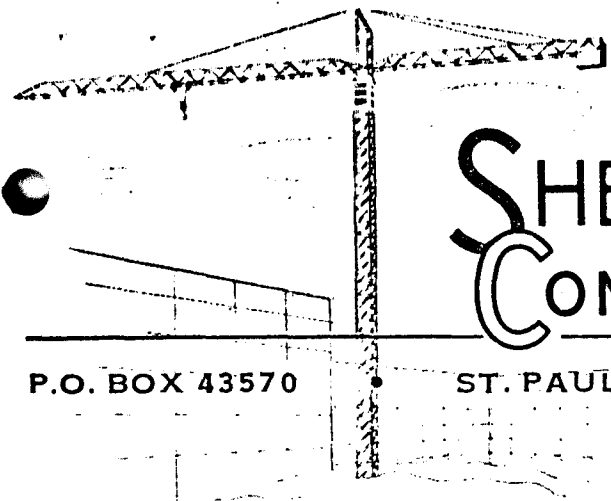
(1101)	Description	Contc	Issued	Comments
51-P* ✓	Floor sleeves to alleviate spilled or over- flow liquid migration between floors	General Electrical Mechanical	9-1-76	Electrical Contr. to Quote
55-A* TM elec. ✓	Revise certain features of the work in 1st floor west areas rooms 1-395 & 1-396	General Electrical Mechanical	10-4-76	Electrical for Negotiation
66-P* TM elec. ✓	Revise provisions for electrically locked unlocked exit devices & electro-magnetic hold	General Electrical	11-10-76	Electrical for Negotiation
72-P* ✓	Revise and clarify temporary electrical service installation	Electrical	12-3-76	U of M Evaluate
80-P* ✓	Revisions to Electrical specs & drawings	Electrical	1-10-77	Electrical to Requote
86-P ✓	1st floor east power revisions in various rooms	Electrical	1-10-77	Time & Material
87-P* ✓	Revisions - see modifications	Electrical	1-10-77	Time & Material
88-P* ✓	Refer to mod. & Electrical drawing sheet E-24 for revisions	Electrical	1-10-77	Time & Material
111-P* ✓	Modify the rooms 2-57, 2-58 and portions of the existing adjacent Mayo Hospital	General Electrical Mechanical	3-9-77	Electrical to sign
120 P* ✓	Revise the admitting office area	General Electrical Mechanical	3-25-77	Contractors for Signature



NO.	Description	Cont'd.	Issued	Comments
122-P* ✓	Modify portions of room 1-232, 1-235, 1-240, 1-242	General Electrical	3-23-77	Contractors for signature
123-P* ✓	Modify the Unit B/C Plaza substrate Design	General	3-25-77	Gen. to provide additional breakdown
129-P* ✓	Revisions to finished areas 9th floor	General Electrical Mechanical	4-12-77	Contr. for signature
136-A* ✓	Aud. Seating	General Electrical	4-14-77	Time & Material Electrical Con
139-A ✓	Revise the location of service sink - 1-78	General Mechanical	4-22-77	U of M To Evaluate
142-P* ✓	General work for MTS	General	5-19-77	Gen. to quote
144-P* ✓	Revise portion of 2nd floor to accomodate computer power relay equipment	General Electrical Mechanical	5-19-77	Mech. & Elec. to quote W
145-E* ✓	Provide & install 8" detector check valve	Mechanical	5-20-77	Time & Material
150-E ✓	Mech. Work for M.T.S.	Mech.	7-20-77	Mech. to sign.
152-p* ✓	Furnish & install permanent equipment for Elevator #1.	General Electrical Vert. Trans.	6-13-77	Electrical to quote

111011	Description	Contc.	Issued	Comments
153-A* ✓	Electrical items coordination	Electrical	6/6/77	Electrical to quote
154-P* ✓	Revises mechanical & Electrical work on floors 1,2,8 & 9	Mechanical Electrical	6/15/77	Mechanical to quote Electrical to quote
155-P* ✓	Provide work and material to accomodate MTS	General Electrical Mechanical	6/13/77	GEN, Mech., Elct. to quote
159-P ✓	Revision to room 9-138	General Electrical	6/24/77	General Contractor to quote Electrical Contractor to quote
160-P ✓	Install wire woven fence on 1st floor for cart storage	General	7/8/77	General to quote
161-P ✓	Omit Type 14 wall type on 2nd floor S-25 East of #-8	General	7/8/77	General to quote
162-P ✓	Install 1/32" thick sheet lead on conc. slab in a portion of room 3-141 8"0" N.S. 12' 0" E.W.	General	7/15/77	General to quote
163-P ✓	Omit vat in certain areas on floors 1,2,4 & 9	General	7/77	General to quote
164-P to 167-P ✓	Not issued			
168-P ✓	K.F. insulation	Mechanical	7/25/77	Mech to sign





SHEEHY  
CONSTRUCTION COMPANY

P.O. BOX 43570

ST. PAUL, MINNESOTA 55164

PHONE 1977 612/488-6691

UNIV. OF MINN.  
HEALTH SCIENCE  
PLANNING OFFICE

MINUTES OF JOB MEETING UNIT B/C #76 JULY 28, 1977

IN ATTENDANCE:

R. Magnuson	Westinghouse Elevator
R. P. Campbell	Campbell & Company
Ray Anderson	Hayes Contractors
*George Klein	Hayes Contractors
Rich Sievers	Honeywell
Jim Hastert	U of M
*Don Nelson	Mechanical Data
Wally Mellum	U of M
Jim Lang	Wm. Poppenberger & Son
Joe McCormich	U of M
Dick Hendricks	U of M - Physical Plant
Jim Culligan	Premier Electric
*John Bellair	Premier Electric
Jim Fallon	U of M
*Paul Kopietz	U of M
*Gene Kogl	U of M
Dick Carlson	HSAE
*Duane Blanchard	HSAE
*John Patterson	TAC
<del>                    </del>	<del>                    </del>
*Paul Maupin	U of M
Greg Kujawa	U of M
*Al Marchese	Mosler
O. W. Hughes	U of M
Steve Greene	U of M
Joe Palla	U of M
Pat Whalen	Sheehy
John Roettger	Sheehy
Ken Fick	Sheehy

\* Not Present

CORRECTION:

- ✓185. Carlson - The addendum was misunderstood - all it really did was delete the requirement that these door panels be furnished by the miscellaneous metal supplier - it did not delete the requirement that they be furnished for the job.

REVIEW:

- ✓151. Carlson - The cost breakdown from Premier for Modification 152 is still not in.
- ✓170. Lang - We do not have sepias covering the reflected ceilings on the required floors but we did give a set of the appropriate prints to Dick Carlson today.
- ✓150. Roettger - We have the tops back now, a few were damaged in shipment. We also have the complete sets of Hamilton shop drawings now for distribution. We will start work on the tops on the 11th floor.

Hughes - We will check the shop drawings and get the paper work to you.

- ✓179. Campbell - Except in areas covered by Mods. everything is ahead of <sup>THE CURRENT CPM</sup> schedule. When reading the CPM remember to read the 6th floor for the 4th floor because of the change in floor sequence made. Clean and punch should stay on schedule.

Hastert - I do take exceptions and feel that all necessary equipment will not be in service.

Roettger - We are still planning to leave ceilings pads out as long as possible.

Hughes - We will wait until it is a problem to the contractors.

Lang - We cannot install until the temperature and humidity are controlled. Do we have to put in all of the perimeter so that the lead can be checked before the rest of the areas?

Greene - We will check daily if necessary.

Mellum - Ideally we should have all trades done before the lead is fastened down so as not to disturb the sound barrier.

- ✓180. Carlson - The color of the aggregate in the feature strip adjacent to Diehl Hall is a little bit too dark and the aggregate is a little smaller than that used for Unit 'A'. We would like a closer match to the aggregate used in the Unit 'A' work. We request that you submit a sample of the aggregate to be used to us before further work on the feature strip is done.

- ✓184. Mellum - We still have some problems electrically with the shielded rooms. I have requested direction from HSAE on the units taking up too much room. So far as as-built drawings for these three rooms are concerned, we will have to take our own measurements and stud spacings.

Hastert - I still have not found a medical gas connection.

NEW BUSINESS:

- ✓188. Fick - We need the color of the carpeting to be used on the interviewing partition walls for Mod. 120.
- ✓189. Fick - We are still waiting for the Modification covering the replacement of two area drains with roof drains on the 10th floor level. This item affects us as well as Hayes.

Hastert - I will give directions on this.

- ✓190. Anderson - Some holes in the casework on the 11th and 12th floors are wrong for faucets. If we connect up the plumbing and it is wrong, who pays?

Roettger - These holes will be corrected and you should make your connections according to the approved shop drawings which are available now.

- ✓191. Magnuson - We will be drilling the hole for hydraulic elevator in the west area next week. Is this a restricted area?

Kujawa - Yes, experiment between 4 o'clock and 8 o'clock to see what the noise level is. Continuous noise in the daytime bothers the station in that area also.

- ✓192. Carlson - I request a meeting after this one to discuss the connection of the link to Mayo Hospital.

- ✓193. Hendricks - The freight elevator #11 in Unit 'A' has bad cables. I would like the contractors to check the shaft now. We would hope that Westinghouse could change the doors per Mod. 125 now. We will have an R & O man on the elevator all day. Sheehy should contact their insurance company and check the material in the sheave. What is the availability of new rope?

Magnuson - About one week. So far as the entrances go for Mod. 125, they are not here yet.

Fick - If you are going to make a claim against us for the condition of the cables in this elevator, you should do so in writing now so that we can respond.

- /194. Mellum - We still need controls on the corridor lighting. It will be okay to leave emergency lights on.
- /195. Hastert - At the time of final punch out we need demonstration of equipment in operation. Shake down must come before. All manuals must be submitted by then. We need and expect qualified people to do the demonstration.
- /196. Palla - We need manuals for all switchgear which is in operation now.

Culligan - There is a copy in the switchgear now. We will give a complete set at punch out time.

Fallon - So far as the general contract is concerned, specification Section 11600 gives a good start as to what manuals are needed by the general contractor.

## Plumbing

- 1) Sleeve + insert AS NECESSARY.
- 2) 6-0404 Horiz. PLUMBING BASE. West
- 3) 6-0405 " " " stack to comp.
- 4) 5-6212 - WORK CANNOT START.
- 5) 5-6221 - " " "
- 6) 7133 - Deliver Booster Pumps - Complete.
- 7) 5-6239 - PLB. Finishes - 9<sup>th</sup> Floor.
- 8) 6-0406 - PLB. Rough-in West Mezz.
- 9) Plumbing Fixtures on 12, 11, + 9.
- 10) Tie in sewer Between Diehl + MAYO
- 11) Glass waste + vent in Basement.

## Heating

- 1) Sleeve + insert AS NECESSARY
- 2) 8-1403 B - STANDS + EQUIPMENT BASEMENT.
- 3) 8-1415 A - HEATING MAINS 15<sup>th</sup> Floor.
- 4) 8-1415 B - STANDS + EQUIP. 15<sup>th</sup> Floor.
- 5) Hook up cooling coils - 10<sup>th</sup> FL. Complete.
- 6) Condensate Return in Basement.
- 7) 6-1406 Horiz. Htg. West Mezz.
- 8) 8-1403 C FINAL Htg. Hook UP BASE.
- 9) RADIATION ON 14 + 13.



## Sheet Metal

- 1.) 4-1423 - 4-1478 All cores 11-15
- 2.) 5-5221 - Sheet Metal Finish 11<sup>th</sup> Floor.
- 3.) 5-5239 - " " " 9<sup>th</sup> Floor.
- 4.) 5-5248 - " " " 8<sup>th</sup> Floor.
- 5.) 8-0603 - Horiz. Duct work M-73
- 6.) 8-0604 - " " " M-74
- 7.) 8-0606 - " " " M-76
- 8.) 8-0616 - " " " 15<sup>th</sup> FL. Equip. RM.
- 9.) Sheet Metal - Mezz. west.

## Pipe Cover

- 1.) 4-2833 - 4-2878 - All cores 11-15
- 2.) 8-1803 - Pipe covering Base. Equip. RM.
- 3.) 8-1810 - " " 10<sup>th</sup> FL. Equip. RM.
- 4.) Pipe covering in wall on 1<sup>st</sup> floor
- 5.) " " " " 3<sup>rd</sup> Floor.

## Sprinkler Fitted

- 1.) 5-5621 Sprinkler Finish 11<sup>th</sup> Floor
- 2.) 5-5639 " " 9<sup>th</sup> Floor
- 3.) 8-1603 Horiz. Sprink Rough-in - complete
- 4.) 8-1610 " " " 10<sup>th</sup> FL. Corr.
- 5.) sleeve + insert as required.
- 6.) Horiz. Sprink Rough-in west Mezz.

PREMIER WORK SCHEDULE  
 July 28 - Aug 4, 1977

W.I

6-5012	RECESSED FIXTURES	1 <sup>ST</sup> FL. N.W.
8-5019	RECESSED FIXTURES	1 <sup>ST</sup> FL. ST. 8
5-4364	BRANCH WIRE	4 <sup>TH</sup> FL.
6-4412	BRANCH CONDUIT WALLS	1 <sup>ST</sup> FL. ST. 8
6-3919	BRANCH CONDUIT CEILING	1 <sup>ST</sup> FL. ST. 8
8-7110	CONNECT MOTORS	10 <sup>TH</sup> FL. E.G.R.
8-7115	CONNECT MOTORS	15 <sup>TH</sup> FL. E.G.R.
8-7103	CONNECT MOTORS	BASEMENT
FIVE ALARM	TERMINATE OGP PANELS	COVES
	Mod 98 P	1 <sup>ST</sup> & 2 <sup>ND</sup> FL.
6-3962	BRANCH CONDUIT - CEILING	BASE. C-6
6-5002	RECESSED FIXTURES	BASEMENT
5-7239	FIVE ALARM DEVICES	9 <sup>TH</sup> FL.
5-6439	WIRE HOLD	9 <sup>TH</sup> FL.

# SHEEHY WORK SCHEDULE

WED. 7-27-77

A.S. 5-8448 - UAT. 8TH FL  
"S+P" CLEAN - 11TH + 12TH FL  
HAM. 5-5248. CASEWORK 8TH

P. 5-4064 - COMP. LEAD 4TH FL  
S. 5-8612 - DOOR + HOWE. 12TH  
HAM. DRAGON TOPS - SHIPPED 7-22-77  
S. FIRE TIGHT STRIP - APPOINTMENT

THUR 7-28-77

J.N. 5-4848. PAINT 8TH FL  
P. 6-4612. COMP DRYWALL - 1ST FL  
P. 6-4602. STUDS - BSMT.

P. 5-4064 - LEAD - 6TH FL  
S. 5-8621 - DOOR + HOWE 11TH  
P. 6-3515 - PLASTER. 1ST FL

FRI. 7-29-77

CLEAN UP DAY - MR. ANDERSON PLEASE CHECK "8" "10" "15"

J.N. 6-4810 PAINT 1ST FL EAST  
P. 5-4656. TAPE. START 6TH

S. 5-2639. DOOR + HOWE. 9TH  
S. B.L. MF22 + 1ST

MON. 8-1-77

P. AUDITORIUM CEIL - LATH  
LSI. CASEWK. 8TH FL  
HAM. 6-3520. CASEWK - 2ND FL

S. 5-8648. DOORS - 8TH  
P. 6-3530. LATH - 3RD FL  
P. 6-3530. CEIL. 3RD FL

TUES 8-2-77

P. 5-5312. CEIL BD. 11TH + 12TH. <sup>HT LEAD</sup> PART.  
P. 5-4664. TAPE. COMP. 4TH  
HON-S. RM 3-75 - COMPLETE

S. 6-8610. DOORS. 1ST  
P. CLEAN UP. 4TH

WED. 8-3-77

S. 6-8620. DOORS. 2ND FL  
J.N. 5-4864. PRIME 4TH

FRI. 8-5-77

CLEAN UP.

THUR 8-4-77

P. 6-3804. PANS BSMT.

MON. 8-2-77

B.A. - LITE COVE. APPOINTMENT

TUES. 8-7-77

S. 5-8664. DOORS. 4TH FL.

Bob Swanson



UNIVERSITY OF MINNESOTA  
TWIN CITIES

Unit B/C Construction Office  
Health Sciences Expansion  
611 Delaware Street S.E.  
Minneapolis, Minnesota 55414

August 3, 1977

THE FOLLOWING MODIFICATIONS ON THE ATTACHED SHEETS ARE NOT  
FINALIZED FOR ONE OF SEVERAL REASONS. THIS IS AS OF AUGUST 3, 1977.  
THE \* DENOTES MODIFICATIONS ISSUED AT LEAST 30 DAYS AGO.

Mon.	Description	Contc	Issued	Comments
51-P*	Floor sleeves to alleviate spilled or over- flow liquid migration between floors	General Electrical Mechanical	9-1-76	Electrical Contr. to Quote
55-A*	Revise certain features of the work in 1st floor west areas rooms 1-395 & 1-396	General Electrical Mechanical	10-4-76	General & Mechanical for sign Electrical T & M
66-P*	Revise provisions for electrically locked unlocked exit devices & electro-magnetic hold	General Electrical	11-10-76	General to sign Electrical T & M
72-P*	Revise and clarify temporary electrical service installation	Electrical	12-3-76	U of M Evaluate
80-P*	Revisions to Electrical specs & drawings	Electrical	1-10-77	Electrical to Requote
86-P	1st floor east power revisions in various rooms	Electrical	1-10-77	Time & Material
87-P*	Revisions - see modifications	Electrical	1-10-77	Time & Material
88-P*	Refer to mod. & Electrical drawing sheet E-24 for revisions	Electrical	1-10-77	Time & Material
111-P*	Modify the rooms 2-57, 2-58 and portions of the existing adjacent Mayo Hospital	General Electrical Mechanical	3-9-77	Processing
120-P*	Revise the admitting/cashier office area on floor 2	General Electrical Mechanical	3-25-77	Processing

111012	Description	Cont'd.	Issued	Comments
123-P*	Modify the Unit B/C plaza substrate design.	General	3-25-77	General to provide additional breakdown
128-A	Stair G	Mechanical	3-29-77	T & M
129-P*	Revisions to finished areas 9th floor	General Electrical Mechanical	4-12-77	Processing
136-A*	Aud. seating	General Electrical	4-14-77	Time & Material Electrical
139-A	Revise the location of service sink 1-78	General Mechanical	4-22-77	Mechanical Resubmit
142-P*	General work for MTS	General	5-19-77	General to quote
144-P*	Revise portion of 2nd floor to accomodate computer power relay equipment	General Electrical Mechanical	5-19-77	Electrical to quote
145-E*	Provide & install 8" detector check valve	Mechanical	5-20-77	Time & Material
150-E	Mechanical work for M.T.S.	Mechanical	7-20-77	Mechanical to sign
152-P*	Furnish & install permanent equipment for Elevator #1	General Electrical Vert. Trans	6-13-77	UM/HSAE Evaluate

NO.	Description	Contc.	Issued	Comments
153-A*	Electrical items coordination	Electrical	6/6/77	HSAE Evaluate
154-P*	Revises mechanical & Electrical work on floors 1,2,8 & 9	Mechanical Electrical	6/15/77	Mechanical to quote. Electrical to quote.
155-P*	Provide work and material to accomodate MTS	General Electrical Mechanical	6/13/77	GEN, Mech., Elct. to quote.
159-P*	Revision to room 9-138	General Electrical	6/24/77	Electrical Contractor to quote.
160-P	Install wire woven fence on 1st floor for cart stroage	General	7/8/77	HSAE Evaluate
161-P	Omit Type 14 wall type on 2nd floor S-25 East of #-8	General	7/8/77	U/M to Evaluate
162-P	Install 1/32" thick sheet lead on conc. slab in a portion of room 3-141 8"0" N.S. 12' 0" E.W.	General	7/15/77	Hospital to Evaluate
163-P	Omit vat in certain areas on floors 1,2,4 & 9	General	7/77	General to sign
164-P to 167-P	Not issued			
168-P	K.E. insulation	Mechanical	7/25/77	Mech to sign

O.D.

DESCRIPTION

CONTR

DATE  
ISSUED

STATUS

169-E

Revise fl. 9 intrusion detection

Electrical

7/25/77

Elec. to sign

171-E

Add red oak paneling

General

July, 1977

Processing





*Check w/ Watson  
1st shift equip.  
in the process.*

# SHEEHY CONSTRUCTION COMPANY

P.O. BOX 43570

ST. PAUL, MINNESOTA 55164

PHONE: 612/488-6691

MINUTES OF JOB MEETING UNIT B/C #77 - 8/4/77

IN ATTENDANCE:

R. Magnuson	Westinghouse Elevator
Jim Fallon	U of M
*Paul Kopietz	U of M
Gene Kogl	U of M
Joe McCormick	U of M
Ray Anderson	Hayes Contractors
*George Klein	Hayes Contractors
Jim Hastert	U of M
*Don Nelson	Mechanical Data
John Thesenvitz	Wm. Poppenberger & Son
Joe Palla	U of M
R. P. Campbell	Campbell & Company
W. J. Homme	Haldeman & Homme
Dick Hendricks	U of M - Physical Plant
Jim Culligan	Premier Electric
*John Bellair	Premier Electric
Dick Carlson	HSAE
*Duane Blanchard	HSAE
*John Patterson	TAC
Bob Swanson	U of M
*Paul Maupin	U of M
Greg Kujawa	U of M
*Felix Hernandez	Mosler
*Steve Greene	U of M
O. W. Hughes	U of M
W. Mellum	U of M
John Roettger	Sheehy
Pat Whalen	Sheehy
Ken Fick	Sheehy
Rich Sievers	Honeywell

\*Not Present

CORRECTIONS:

179. Campbell - This reads that except for areas covered by Modifications the work is ahead of schedule. What this should have said is that everything is ahead of the current CPM schedule except those areas covered by Mods.

REVIEW:

151. Carlson - We received the cost breakdown for Mod. 152 from Premier on August 3rd.

179. Fick - A letter from the University dated August 1 states things that must be finished and in operation before punching. I want to point out that the acoustical insulation shown under item F in the 15th floor air chambers is not part of the contract requirements.

Hughes - I would believe that if that item is not resolved by the proper time that it would be okay to shut down the air chambers later to permit that work to be done.

- ✓184. Culligan - We have our supplier working on any electrical problems with the shielded rooms.

✓Hastert - When you call Ray Proof ask him for any help that they can give us on the gas connection for the room because we haven't solved that yet. Don't hold up your work, however, on the rooms because we will make some thing work.

✓Carlson - In addition to what detail drawing the owner is going to make of field conditions in these rooms, we will still require as-built drawings from the general contractor.

✓Mellum - I will be talking to Ray Proof and request among other things that when their installer returns to the job that he bring with them the telephone connection.

- ✓189. Fick - Hayes and we are still waiting for the Mod. covering the replacement of the two area drains with the roof drains on the 10th floor level.

- ✓190. Anderson - We request something in writing from the owner's field office that the Durcon countertops are acceptable before we connect to them on the 11th and 12th floors.

- ✓Hughes - We can issue an acceptance on the 11th and 12th floors but final acceptance will not be made until clean and punch. If damage occurs between these times, the general will still be held accountable to establish the responsibilities and make repairs.
- ✓191. Magnuson - We will start drilling the hole for the hydraulic elevator on the West area between 4 and 8 p.m. today.
- ✓Kujawa - We will see then what the noise level is and take it from there.
- ✓192. Carlson - It appears that we can have the steel modified to make the connections to Mayo Hospital for the bridge from Unit 'C'. One duct from the brain surgery operating room has to be moved or modified and we will contact plant services on this.
- ✓193. Fick - Based on the examination which John Roettger participated in last Thursday for elevator #11 in the 'A' Building, we believe we have no responsibility for the condition of the cable in this elevator. If the owner is making a claim for this damage, he must do so in writing and we will make the appropriate response the same way.
- ✓Hendricks - We will, and we found that one of the periodical checks on this elevator was about one month before the damage was discovered and at that time the damage was not visible .
- ✓Magnuson - We have no delivery dates on the entrance or the equipment for Modification 125.
194. Mellum - We need the controls on the lighting because we are losing life of the bulbs for the owner.
- Culligan - He is coming down now with these controls.
195. Fick - What is to be the governing criterion on what items have to have maintenance and instructions manuals furnished with them and what items don't?
- Carlson - If there is literature or manuals published on the equipment, we would like to have it.
- Hendricks - We do request manuals be submitted on the rolling shutters.

NEW BUSINESS:

- ✓197. Fick - We are at the point now where we have areas which require the All-Weather Crete fill material. I will contact Gene Kogl to see if we should proceed with this material now.
- ✓198. Fick - I am still waiting for the names of a few carpet installers suggested by the owner from which we can obtain quotations for the carpeting in our contract by allowance in the areas other than flooring.  

Hughes - I will get these names for you.
- ✓199. Culligan - I request that we be given another final room number schedule.
- ✓200. ✓Hughes - We are okay in the restricted area on the radiation. We are still having a problem with noise from people working at night.
  - ✓Kujawa - On drilling for the elevator cylinder, we will leave it open now to see how it affects the scanner, operating rooms and patients and then we will advise you.
- ✓201. Kujawa - The tunnel to Radiology and Mayo is now scheduled for Nov. 1st.  

Roettger - September 1st would be the early side.
- ✓202. Hendricks - We need some information on what the status of the Honeywell controls will be at the time of the take over of the 11th and 12th floors. I request that the mechanical contractor check to see what is causing the bad sewer odor in the K & E Tunnel. Has anything been resolved on the heat shield in Unit B/C? We still have not heard anything on the maintenance of sprinkler heads or replacement of light bulbs in inaccessible places such as over the escalators.
  - ✓Carlson - I will get after TAC again to get these responses for us.
  - ✓Anderson - I am after our insulation contractor again to get the insulation on fan S-6 in the basement of Unit 'A'.
  - ✓Homme - The Western Slate representative is here today. We have a meeting with him this afternoon. In order to have more official and a permanent record of our communications to Hamilton, we are setting up a Telex System of communication from us to Hamilton.
- ✓204. Roettger - The South Plaza drains are high again due to the camber of the trusses below. We have added weep holes to the East on line 18 to try and solve the problem.

PREMIER WORK SCHEDULE  
 July 28 - Aug 4, 1977

W.F

6-5012	RECESSED FIXTURES	1 <sup>ST</sup> FL. N.W.
8-5019	RECESSED FIXTURES	1 <sup>ST</sup> FL. ST. 8
5-4364	BRANCH WIRE	4 <sup>TH</sup> FL.
6-4412	BRANCH CONDUIT WALLS	1 <sup>ST</sup> FL. ST. 8
6-3919	BRANCH CONDUIT CIBLING	1 <sup>ST</sup> FL. ST. 8
8-7110	CONNECT MOTORS	10 <sup>TH</sup> FL. E.S. R.
8-7115	CONNECT MOTORS	15 <sup>TH</sup> FL. E.S. R.
8-7103	CONNECT MOTORS	BASEMENT
FIVE ALARM	TERMINATE DGP PANELS	COVES
	Mod 98P	1 <sup>ST</sup> & 2 <sup>ND</sup> FL.
6-3962	BRANCH CONDUIT - CIBLING	BASE. C-6
6-5002	RECESSED FIXTURES	BASEMENT
5-7239	FIVE ALARM DEVICES	9 <sup>TH</sup> FL.
5-6439	WIRE HOLD	9 <sup>TH</sup> FL.

# SHEFFNY WORK SCHEDULE

WED. 8-3-77

S. CUT PLY - PATCH ELFC CORES  
S. 6-8610. DOORS - 1ST FL  
P. 5-4664 TAPER 4TH FL

HAM - COMPL. CASEWK - 11TH  
PRE. CONDUIT - WALL + CEIL BSMT  
S. 5-8621 - DOOR + HONE 11TH

THUR. 8-4-77

P. 6-3804 - PANS - BSMT.  
S. STRIP + LITE COVE - AUDITORIUM  
J.N. FIN DOORS 142

HAM - START CASEWK 12TH  
S. 5-8648. DOORS - 8TH  
S. BEAM FORMS.

FRI. 8-5-77

CLEAN UP

P. 6-4612. DRYWALL 1ST FL  
J.N. FIN DOORS - 9TH FOR HONE

P. 5-4064. LEAD - 6TH FL  
P. 6-3515 - PLASTER 1ST  
A.S. <sup>5-2412</sup> UAT - 8TH FL

MON 8-8-77

LT. BOLLARDS - BARBOCK  
B.A. LITE COVE. AUDITORIUM.  
P. 6-3530. LATH. 3RD FL

S. 5-8639. DOORS + HONE 9TH FL  
HON. RM 3-75  
HALD HONE. FIRE EXT. CAB.

TUES 8-9-77

S. BL. MEZZ. + 1ST  
P. 6-3830. CEIL 3RD FL  
BARB. CLEAN + POINT BLDG.

LSI. PLASTER CSWK 1ST  
HAM. CSWK - 8TH

WED 8-10-77

ARR. BRICK PROVERS.  
BARB. POINT + WASH BLDG.

FRI. 8-12-77

CLEAN UP

MON 8-15-77

J.N. PRIME DOORS - 6TH + 4TH

THUR 8-11-77  
J.N. FIN - 11 + 12TH

TUES. 8-16-77

S. POYR - 3RD EL - EW

## Sheet Metal

- 1) 4-1423 - 4-1478 All cores 11-15
- 2) 5-5221 - Sheet Metal Finish 11<sup>th</sup> Floor.
- 3) 5-5239 - " " " 9<sup>th</sup> Floor.
- 4) 5-5248 - " " " 8<sup>th</sup> Floor.
- 5) 8-0603 - Horiz. Duct work M-73
- 6) 8-0604 - " " " M-74
- 7) 8-0606 - " " " M-76
- 8) 8-0615 - " " " 15<sup>th</sup> Fl. Equip. RM.
- 9) Sheet Metal - Mezz. west.

## Pipe Cover

- 1) 4-2833 - 4-2878 - All cores 11-15
- 2) 8-1803 - Pipe covering Base. Equip. RM.
- 3) 8-1810 - " " 10<sup>th</sup> Fl. Equip. RM.
- 4) Pipe covering in wall on 1<sup>st</sup> floor
- 5) " " " " 3<sup>rd</sup> Floor.

## SPRINKLER Fitter

- 1) 5-5621 SPRINKLER Finish 11<sup>th</sup> Floor
- 2) 5-5639 " " 9<sup>th</sup> Floor
- 3) 8-1603 Horiz. SPINK Rough-in - complete
- 4) 8-1610 " " " 10<sup>th</sup> Fl. Corr.
- 5) sleeve + insert as required.
- 6) Horiz. SPINK Rough-in west Mezz.

## Plumbing

- 1.) Sleeve + insert AS NECESSARY.
- 2.) 6-0404 Horiz. Plumbing BASE. West
- 3.) 6-0405 " " " stack #7 comp.
- 4.) 5-6212 - WORK CANNOT START.
- 5.) 5-6221 - " " "
- 6.) 7133 - Deliver Booster Pumps - Complete.
- 7.) 5-6239 - PLB. Finishes - 9<sup>th</sup> Floor.
- 8.) 6-0406 - PLB. Rough-in West Mezz.
- 9.) Plumbing Fixtures on 12, 11, + 9.
- 10.) Tie in sewer Between Diehl + MAYO
- 11.) GLASS waste + vent in Basement.
- 12.) Work on Mod. # 145-

## Heating

- 1.) Sleeve + insert AS NECESSARY
- 2.) 8-1403 B - STANDS + EQUIPMENT BASEMENT.
- 3.) 8-1415 A - HEATING MAINS 15<sup>th</sup> Floor.
- 4.) 8-1415 B - STANDS + EQUIP. 15<sup>th</sup> Floor.
- 5.) Hook up cooling coils - 10<sup>th</sup> FL. Complete.
- 6.) Condensate Return in Basement.
- 7.) 6-1406 Horiz. Htg. West Mezz.
- 8.) 8-1403 C FINAL Htg. Hook UP BASE.
- 9.) RADIATION on 14 + 13.





UNIVERSITY OF MINNESOTA  
TWIN CITIES

Unit B/C Construction Office  
Health Sciences Expansion  
611 Delaware Street S.E.  
Minneapolis, Minnesota 55414

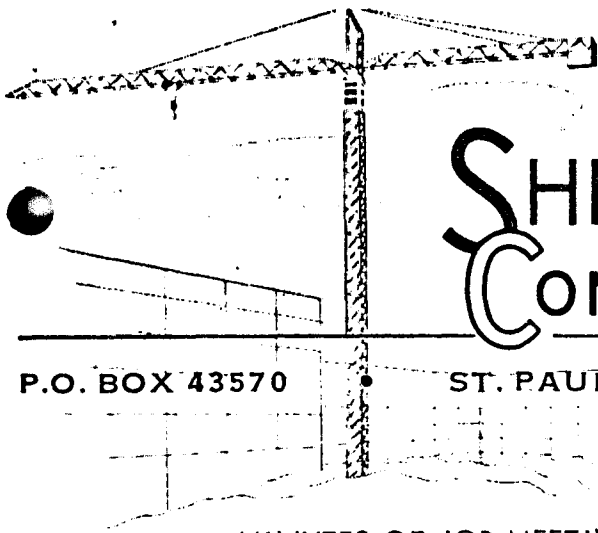
AUGUST 10, 1977

THE FOLLOWING MODIFICATIONS ON THE ATTACHED SHEETS ARE NOT  
FINALIZED FOR ONE OF SEVERAL REASONS. THIS IS AS OF AUGUST 3, 1977.  
THE \* DENOTES MODIFICATIONS ISSUED AT LEAST 30 DAYS AGO.

O.D.	DESCRIPTION	CONTR	DATE ISSUED	STATUS
51-P*	Floor sleeves to alleviate spilled or overflow liquid migration between floors	General Electrical Mechanical	9/1/76	Electrical to quote
55-A*	Revise certain features of the work in 1st floor west area rooms 1-395 & 1-396	General Electrical Mechanical	10-4-76	Processing
66-P*	Revise provisions for electrically locked unlocked exit devices & electro-magnetic hold	General Electrical	11/10/76	Electrical T & M
72-P*	Revise and clarify temporary electrical service installation	Electrical	12/3/76	U of M Evaluate
80-P*	Revisions to Electrical specs & drawings	Electrical	1/10/77	Electrical to requote
86-P*	1st floor east power revisions in various rooms	Electrical	1/10/77	Time and Material
87-P*	Revisions - see modifications	Electrical	1/10/77	Time and Material
88-P*	Refer to Mod. Electrical drawing sheet E-24 for revisions	Electrical	1/10/77	Time and material
123-P*	Modify the Unit B.C. plaza substrate design	General	3/25/77	General to requote
128-A	Stair G	Mechanical	3/29/77	T & M Mechanical
136-A*	Aud. seating	General Electrical	4/14/77	T & M Electrical
139-A	Revise the location of service sink 1-78	General Mechanical	4/22/77	U of M Evaluate

O.D.	DESCRIPTION	CONTR	DATE ISSUED	STATUS
142-P*	General work for MTS	General	5/19/77	General to quote
144-P*	Revise portion of 2nd floor to accomodate computer power relay equipment	General Electrical Mechanical	5/19/77	Electrical to quote
145-E*	Provide & install 8" detector check valve	Mechanical	5/20/77	Time & Material
150-E	Mechanical work for M.T.S.	Mechanical	7/20/77	Mechanical to sign
152-P*	Furnish & install permanent equipment for Elevator #1	General Electrical Vert. trans	6/13/77	UM/HSAE Evaluate
153-A*	Electrical items coordination	Electrical	6/6/77	HSAE Evaluate
154-P*	Revises mechanical & Electrical work on floors 1,2,8 & 9	Mechanical Electrical	6/15/77	<del>Mechanical to quote</del> Electrical to quote
155-P*	Provide work and material to accomodate MTS	General Electrical Mechanical	6/13/77	general, mechanical, electrical to quote
159-P*	Revision to room 9-138	General Electrical	6/24/77	Electrical contractor to quote
160-P	Install wire woven fence on 1st floor for cart storage	General	7/8/77	HSAE Evaluate
161-P	Omit Type 14 wall type on 2nd floor S-25 East of #-8	General	7/8/77	U of M to Evaluate
162-P	Install 1/32" thick sheet lead on conc. slab in a portion of room 3-141 8'0" N.S. 12' 0" E.W.	General	7/15/77	Processing





# SHEEHY CONSTRUCTION COMPANY

P.O. BOX 43570

ST. PAUL, MINNESOTA 55164

PHONE: 612/488-6691

*✓ \$ Amount of that  
to be paid  
to be included  
to be included  
to be included*

*✓ \$1,000,000 P  
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MINUTES OF JOB MEETING UNIT B/C #78 - 8/11/77

IN ATTENDANCE:

- |                   |                         |
|-------------------|-------------------------|
| R. Magnuson       | Westinghouse Elevator   |
| Jim Culligan      | Premier Electric        |
| * John Bellair    | Premier Electric        |
| R. P. Campbell    | Campbell & Company      |
| Joe Palla         | U of M                  |
| Paul Maupin       | U of M                  |
| Wally Mellum      | U of M                  |
| Joe McCormick     | U of M                  |
| E. A. Kogl        | U of M                  |
| Jim Fallon        | U of M                  |
| * Paul Kopietz    | U of M                  |
| Greg Kujawa       | U of M                  |
| Dick Carlson      | HSAE                    |
| * Duane Blanchard | HSAE                    |
| * John Patterson  | TAC                     |
| Ray Anderson      | Hayes Contractors       |
| * George Klein    | Hayes Contractors       |
| Bob Swanson       | U of M                  |
| * Felix Hernandez | Mosler                  |
| O. W. Hughes      | U of M                  |
| Steve Greene      | U of M                  |
| * Jim Hastert     | U of M                  |
| Gordon Lindholm   | U of M - Physical Plant |
| Jim Lang          | Wm. Poppenberger & Son  |
| Rich Sievers      | Honeywell               |
| John Roettger     | Sheehy Construction Co. |
| Pat Whalen        | Sheehy Construction Co. |
| Ken Fick          | Sheehy Construction Co. |
| Bill Homme        | Haldeman-Homme          |
| Bob Sullivan      | Hamilton Industries     |

\*Not Present

CORRECTIONS:

- ✓184. Anderson - I do not agree with the second paragraph concerning Jim Hastert's comment on the oxygen connection in the shielded rooms. This matter is still not settled.
- ✓ Fick - I have with me the Minutes of the meetings with Lawrence Tuttle of the Ray Proof Corporation which we had here in this room on August 2nd. I am handing out at this meeting one set of these Minutes to each one of the participants who attended that meeting. Paragraph 4 should help answer the question concerning this oxygen connection.

REVIEW:

- ✓ Anderson - I still want a letter from somebody concerning the tops on the 11th and 12th floors before we do our work in them.
- ✓ Kogl - We will give you a provisional acceptance as far as appearance, straightness, and quality are concerned. Any damage to the tops after that will still be the responsibility of the contractors. We can by the specifications accept defective material if a suitable credit is given to the owner.
- ✓ Greene - We will give you a letter on the tops before you work on them.
- ✓189. Fick - We are still waiting for the Mod. covering the replacement of the two area drains with the roof drains on the 10th floor level. There is a letter from Bob Neilson stating that a Modification will cover this work.
- ✓192. Carlson - We have corrected once and are waiting for the resubmittal of shop drawings from Commercial Steel covering the Mayo Bridge. As soon as we review these shop drawings, remaining fabrication by Commercial will be able to take place. By a letter to all affected contractors, we have requested notice from them if any additional cost is involved for this connection.
- ✓191. Greene - If they continue working only between the hours of 4 and 8 p.m., it will take the well drillers between four and six weeks to finish the hole for the hydraulic elevator. We would like one authorized person to be able to stop the work in case of an emergency.
- ✓ Kogl - Is it possible to go until 10 p.m. to cut the time down?
- ✓ Kujawa - I will check on that, but in the past the work has been bothering the Surgery and the patients.

Magnuson - The hole is too deep to line drill.

193. Fick - We do not believe that the damage to the cable in Elevator #11 in the 'A' Building is our responsibility. We have not yet reported it to our insurance company because we have not received the written notice from the University that they may be making a claim to us for the damage.

Roettger - Only a few strands of wire were broken.

Magnuson - If you put on a new cable today, you will find some broken strands tomorrow.

Lindholm - Once they show up and are reported to us it is mandatory that we make the replacement.

Greene - I will check and let you know whether or not you can move the frame from the 15th floor now.

198. Fick - Our subcontractor for the installation of the carpeting on the interviewing partitions for Modification 120 will be the Prestige Carpet Company on East Franklin Avenue in Minneapolis. If for any reason this is not satisfactory to the architect or owner, please let me know within a few days.

200. Greene - The radiation fence has been extended - no one is to be in there during the day. We would like to see signs posted to that affect.

Roettger - The caissons will be going in next week. After that we will go on to the walls.

- ✓ 202. Carlson - Hendricks has been given a solution for the heat shield in Unit 'A'. TAC will send a letter to Hendricks concerning the maintenance of the sprinkler heads and lights over areas which are difficult to reach such as over the escalators.

✓ Kogl - So far as the Unit 'A' heat shield is concerned, Wilcox will have to get back to us on why it was designed this way. I would also like to know what Honeywell systems will be operational at the time of the take over of the 11th and 12th floors.

- ✓ Culligan - We are to have a meeting this afternoon on this and will be able to give you more input next week.

- ✓ Sullivan - We have a shipment of countertops leaving for the jobsite today.

NEW BUSINESS:

- ✓205. Campbell - So far as the current CPM Schedule is concerned everything is on the early side except the floor on the first that is tied in with the basement.
  - ✓Hughes - The 11th and 12th floors are not on the early side now considering the mechanical and electrical controls. The Modifications are going to have more of an impact so we should have a separate meeting concerning the effect of Modifications so that we know just what their impact is going to be on completion. A relatively small number of them will affect the completion.
  - ✓Fick - Shop drawings covering materials added by the Modifications are still in the process of being submitted and corrected and we still do not have all of the delivery dates for materials required for some of the more major Modifications which have just been released to us during the past month.
  - ✓Roettger - An example is Mod. 120 which covers several areas on the second floor.
- ✓206. Roettger - In room 3-75 should we cap off the sprinkler head?
  - ✓McCormick - I will check with Nielson on this.
- ✓207. Roettger - We are nearly ready to pour the sidewalks near Powell Hall and we need the elevations that we are to use now.
  - ✓Carlson - our engineers are checking on this.
- ✓208. Culligan - We will get someone down to the 8th and 9th floors to work on the installation of the electrical devices.
- ✓209. Anderson - You cannot sheet rock in the basement until we get more information concerning the equipment to be furnished by the owner.
  - ✓Swanson - I will check and get back to you.
- ✓210. Anderson - Saturday morning at 9 o'clock will be the helicopter pick.
  - ✓Greene - So far as checking out the system is concerned we will turn this matter over to Hastert.



✓211. Hughes - Clean up needs to be started now as the equipment will be running soon.

✓Roettger - We will turn over floor 7 and the 5th floor elevator lobby ceiling and a stair on an informal basis.

✓212. Roettger - When we put the sidewalks in to Powell, we will be going to K & E also assuming that we have all the required elevations which as I stated before we need now.

.....

✓197. A meeting followed the regular meeting involving Mr. Kogl concerning the matter of the insulating concrete fill required in the four dog runs in the West building and also on the second floor between grids E2 and E15 just north of Diehl Hall. It was tentatively agreed by Gene Kogl that Zonolite concrete could be used rather than All-Weather Crete in these areas provided that the Zonolite contained Portland Cement.

PREMIER WORK SCHEDULE  
~~July 28~~ - Aug 4, 1977

W.I

6-5012	RECESSED FIXTURES	1 <sup>ST</sup> FL N.W.
8-5019	RECESSED FIXTURES	1 <sup>ST</sup> FL ST. 8
5-4364	BRANCH WIRE	4 <sup>TH</sup> FL.
6-4412	BRANCH CONDUIT WALLS	1 <sup>ST</sup> FL ST. 8
6-3919	BRANCH CONDUIT CIBLING	1 <sup>ST</sup> FL ST. 8
8-7110	CONNECT MOTORS	10 <sup>TH</sup> FL E.G.R.
8-7115	CONNECT MOTORS	15 <sup>TH</sup> FL E.G.R.
8-7103	CONNECT MOTORS	BASEMENT
FIRE ALARM	TERMINATE O.G.P. PANELS	COVES
	Mod 98 P	1 <sup>ST</sup> & 2 <sup>ND</sup> FL.
6-3962	BRANCH CONDUIT - CIBLING	BASE. C-6
6-5002	RECESSED FIXTURES	BASEMENT
5-7239	FIRE ALARM DEVICES	9 <sup>TH</sup> FL.
5-6439	WIRE HOLD	9 <sup>TH</sup> FL.

Pat

## Plumbing

- 1) Sleeve and insert as necessary
- 2) 6-0404 Horiz. Plumbing Basement west
- 3) 6-0405 Horiz. Plumbing stack #7
- 4) 5-6212 work cannot start
- 5) 5-6221 " " "
- 6) 5-6239 Plumbing Finishes 9<sup>th</sup> Floor
- 7) 6-0406 Plumbing Rough-in West Mezz.
- 8) Plumbing Fixtures on 12, 11, + 9.
- 9) IN WALL waste, vent, + med. GAS BASEMENT.
- 10) WORK ON Mod. # 145 complete
- 11) WORK ON Mod # 53 started
- 12) WORK ON Mod # 51 complete - NOT APPROVED YET.
- 13) 6-0415 1<sup>st</sup> FL. West work cannot start. Mod # 155 +

## Heating

- 1) Sleeve + insert as necessary
- 2) 8-1403 B - stands and equipment Basement
- 3) 8-1415 A - Heating mains 15<sup>th</sup> Floor
- 4) 8-1415 B - stands and equipment 15<sup>th</sup> Floor
- 5) Condensate Return in Basement
- 6) 6-1406 Horiz. Htg. West Mezz.
- 7) 8-1403 C - Final Htg. Hook at Base.
- 8) Radiation on 14 + 13.
- 9) Helicopter Pick For Remote Radiators this weekend.
- 10) 6-1405 Horiz. Htg. Base stack #7
- 11) 7-1434 Horiz. Htg. Rough-in - 14<sup>th</sup> FL. - Complete
- 12) 7-1453 " " " " 13<sup>th</sup> FL. - Complete
- 13) 7-2665 Heating Finish 5<sup>th</sup> FL. - Complete
- 14) 8-2610 Heating Finish 10<sup>th</sup> FL. Equip. Room

## Sheet Metal

- 1) 5-5221 - Sheet Metal Finish - 11<sup>th</sup> Floor.
- 2) 5-5239 - " " " 9<sup>th</sup> Floor.
- 3) 5-5248 - " " " 8<sup>th</sup> Floor.
- 4) 8-0603 - Horiz. Duct work M-73
- 5) 8-0604 " " " M-74
- 6) 8-0606 " " " M-76 - West Mezz.
- 7) 8-0615 " " " 15<sup>th</sup> FL. Equip. Room
- 8) 8-0605 Horiz. Duct work stack #7 Base.
- 9) 8-2610 - Finish on sheet metal also.
- 10) Sleeve as Required

## Pipe Covered

- 1) 8-1803 - Pipe covering Base. Equip. Room
- 2) 8-1810 " " 10<sup>th</sup> FL. Equip. Room.
- 3) 8-1815 " " 15<sup>th</sup> FL. Equip. Room
- 4) 7-1865 " " 5<sup>th</sup> FL. Complete.
- 5) Pipe covering 3<sup>rd</sup> FL. in wall work.

## SPRINKLER F. HES

- 1) 5-5621 - SPRINKLER Finish 11<sup>th</sup> Floor
- 2) 5-5639 - " " 9<sup>th</sup> Floor
- 3) Sleeve & insert as necessary
- 4) 6-1606 Horiz. SPRINK west Mezz.
- 5) 6-1632 " " 3<sup>rd</sup> Floor stk. 4-6
- 6) Fire Cabinets - All Floors - All Stairways.
- 7) Work on Mod. # 145-
- 8) Tie-in Between unit "A" and unit B/C
- 9) 8-1603 Horiz. SPRINK. Base. Equip Room Complete.

# SHEEHY WORK SCHEDULE

J.N. YOU NEED PRINTERS -

WED. 8-10-77

AAA - BRICK PAVERS

BAB - POINT + WASH BLDG.

P - STUDS - BSMT.

S - 5-8648 - HANG DRS - 8TH FL

P - 5-4012 - LEAD TO PLATE - 11+12TH

HAM - 5-5812 - CSWK - 12TH FL

THUR 8-11-77

J.N. 5-4821 - FIN - 11+12TH

HAM. 5-5821 - CSWK - 11TH FL

S. POYR. 2ND FL LT WT.

P - 6-3830 - INT. CEIL - 3RD

P - DRYWALL O.R. 1ST.

SAN. SP GL FIN BSMT. CORN

FRI 8-12-77

CLEAN UP

J.N. 6-4810 - FIN DOORS - 1+2

S - FORM PLAZA

P - 6-4630 LATH - 3RD FLR

P - CEIL - MOD 94 - 11TH

MON 8-15-77

A.S. 5-8448 - UAT - 8TH FL

S - 5-8639 - HOWE - 9TH COMPL.

J.N. 5-4848 - FIN DOORS - 8TH

A.J. - DECK PLAZA

P - 6-4612 TAPER - 1ST FL

P - 6-4620 - STUDS - MSU 67

TUES 8-16-77

J.N. 5-4856 - PRIME - 6TH FL

P - 6-5305 - CEIL BSMT RM 77

A.S. 6-8410 - UAT - 1ST FL

HAM - 5-5839 - CSWK - 7TH FL

S - 6-8610 -

WED 8-17-77

P - 5-4664 TAPER C - 4TH

J.N. 5-4864 - PRIME DOORS - 4+6TH

FRI 8-19-77

S - 5-8636 - DOORS - 6TH FL

MON 8-22-77

J.N. 5-4864 - PRIME 4TH FL

THUR 8-18-77

HAM - 5-5848 - CSWK - 8TH FL

INTS - CURTAIN WALL 3RD FL.

TUES 8-23-77

5-9012 - PUNCH OUT 11+12TH FLR



UNIVERSITY OF MINNESOTA  
TWIN CITIES

Unit B/C Construction Office  
Health Sciences Expansion  
611 Delaware Street S.E.  
Minneapolis, Minnesota 55414

AUGUST 17, 1977

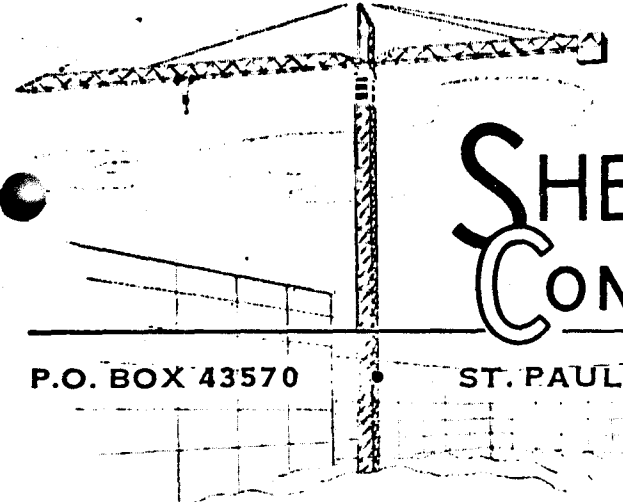
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145-E*	Provide & install 8" detector check valve	Mechanical	5/20/77	Time & Material
150-E	Mechanical work for M.T.S.	Mechanical	7/20/77	Mechanical to sign
152-P*	Furnish & install permanent equipment for Elevator #1	General Electrical Vert. trans	6/13/77	UM/HSAE Evaluate
153-A*	Electrical items coordination	Electrical	6/6/77	HSAE Evaluate
154-P*	Revises mechanical & Electrical work on floors 1,2,8 & 9	Mechanical Electrical	6/15/77	Mechanical to quote Electrical to quote
155-P*	Provide work and material to accomodate MTS	General Electrical Mechanical	6/13/77	general, mechanical, electrical to quote
159-P*	Revision to room 9-138	General Electrical	6/24/77	Electrical contractor to quote
160-P	Install wire woven fence on 1st floor for cart storage	General	7/8/77	HSAE Evaluate
161-P	Omit Type 14 wall type on 2nd floor S-25 East of #-8	General	7/8/77	U of M to Evaluate







# SHEEHY CONSTRUCTION COMPANY

P.O. BOX 43570

ST. PAUL, MINNESOTA 55164

PHONE: 612/488-6691

MINUTES OF JOB MEETING - UNIT B/C #79 - 8/18/77

IN ATTENDANCE:

Jim Fallon	U of M
*Paul Kopietz	U of M
*Dick Carlson	HSAE
*Duane Blanchard	HSAE
*John Patterson	TAC
John Rudie	Campbell & Company
*Dick Campbell	Campbell & Company
Joe Palla	U of M
Wally Mellum	U of M
Jim Hastert	U of M
*Don Nelson	Mechanical Data
Jim Lang	Wm. Poppenberger & Son
Joe McCormick	U of M
Ray Anderson	Hayes Contractors
*George Klein	Hayes Contractors
Jim Culligan	Premier Electric
*John Bellair	Premier Electric
Gene Kogl	U of M
Dick Hendricks	U of M - Physical Plant
Bob Swanson	U of M
*Paul Maupin	U of M
*Greg Kujawa	U of M
*Felix Hernandez	Mosler
O. W. Hughes	U of M
Steve Greene	U of M
John Roettger	Sheehy
Pat Whalen	Sheehy
Ken Fick	Sheehy
Ed Palm	Westinghouse Elevator

\*Not Present

RECEIVED

AUG 19 1977

UNIV. OF MINN.  
HEALTH SCIENCE  
PLANNING OFFICE

CORRECTIONS:

184. Hughes - We will give notes to Sheehy on rejected countertop items on 11th and 12th floors of Units B. We found four turrets yesterday that were not acceptable.
202. Hendricks - Carlson did not give us a solution for Unit 'A' - we are trying our own solution now.

REVIEW:

184. Hastert - Tuttle from Ray Proof has told Mellum that he has a solution.
- Kogl - We will need this in writing from Ray Proof as they have to guarantee the rooms.
- Culligan - Bellair is checking on the panels this A.M. with the supplier.
189. Hastert - Carlson has been instructed to write the modification covering these two area drains on the 10th floor level.
191. Palm - We will check with our driller to see if he wants to work from 10 A.M. till 8 P.M. on Saturday and Sunday on a trial basis.
- Greene - Let me know as soon as possible so that I can get a demolition report in.
205. Rudie - The schedule remains the same as last week.
- Much discussion then ensued by all appropriate participants concerning the punch out and take over of the 11th and 12th floors Unit 'C' which Sheehy has requested and the schedule shows commencing next week. All of this discussion consummated with the decision to have a meeting covering the whole matter here in this room next Monday at 2 p.m.
- Fick - The statement by Hughes on the impact and number of modifications that have delayed completion of the project is his opinion only.
206. McCormick - I have not received an answer yet from Nielson as to whether or not the sprinkler heads should be capped off in room 3-75.
- Roettger - The ceiling is in according to the contract; our part of the Mod. was rejected.

Greene - Poppenberger was to leave out the diffuser on the 12th floor and put it in on the 3rd.

Lang - I will check on the ceiling here and if there is something that is our responsibility we will take care of it.

207. Roettger - We are in a hold now on the entire area surrounded by Powell Hall, K. & E. and Diehl Hall waiting for the elevations which we have been told by the owner will be given to us.

Kogl - The way the ground is there will not work. Hopefully we will have the answers for you the first of the week. The drains in the area are on hold also.

208. Culligan - I will have people working down on the 8th and 9th floors on the installation of electrical devices next Monday.

209. *BLL* We asked for Group II equipment information from the owner on January 16, 1977. Sheetrocking in certain areas has been held up ever since pending receipt of that information.

Swanson - We are getting information to Hastert as soon as we can.

Kogl - Hughes, please get into this and see what areas are being held up. If necessary, we may have to have the hospital department pick up something later after we bypass the areas now.

197. Fick - I am distributing at this meeting to the appropriate people the concrete mix design for the Zonolite concrete which we will use in the dog runs in the West Building and in the East-West corridor North of Diehl Hall.

NEW BUSINESS:

213. Fick - We must have the keying information for the telephone cabinets as the information in the specification is not complete enough.

Kogl - Check with Bob Mackey who handles this for the University and also with the architect.

214. Fick - The Minutes to these meetings are official project records.

Kogl - Yes, that is correct and they are similar to and can take the place of certain correspondence. They are not intended to be complete detailed records. If more detail is required, correspondence can follow to handle it.

215. Roettger - It was one year ago this month that we were stopped from effectively working on the Radiology rooms on the 1st floor. Unistrut and ductwork are still reworking. Mellum should give us more direction on this so that we can effectively finish the work here.

216. Kogl - Leave the area in front of Powell Hall closed off till the first part of next week at which time we can take a further look.

217. Anderson - I would like permission to purchase the equipment which goes above the ceiling for Mod. 144. These are long lead time items.

Swanson - These are hospital items and I will check to see if they will give you the release you request.

Culligan - Bellair is working on the breakdown for this Mod. now.

218. Fick - We need from Westinghouse the date for the frame delivery for Elevator #11 which was on Mod. 125.

Greene - We should wait for the delivery date before we make plans to when we should begin this work.

219. Hendricks - I am requesting Ray Anderson to patch the holes in the ductwork in Unit 'A' and also have the insulation installed.

Anderson - We will accomplish this.

220. Mellum - I will check at 2:30 and try to give Poppenberger answers on when they will be able to resume work in the Radiology rooms.

221. Lang - We are anxious to start the work on metal ceilings on the 2nd floor. How is this work affected by Mod. 120?

Roettger - I will look into this with you and we can discuss it.

222. Hastert - I am asking Hayes Contractors to give us the quote for Mod. 145 which they did on a time and material basis.

223. Fallon - Will those contractors who have completed work for us for Modifications which were done on a time and material basis, please get the prices in to us so that we can prepare the Mod.

# SHEEHY WORK SCHEDULE

PREMIER - 5-7639. ELEC. DEVICES. 9TH FL JUNE 28 - 8TH FL JULY 19TH

WED. 8-17-77

J.N. - 6-4810 - WALL & DOOR FIN 1ST  
P - 5-4664 - COMP. SANDING 4TH  
S - CLEAN - WINDOWS - 7-11+12  
A.S. - UNIT & BASE - 11-12  
S - CLEAN & CLOSE STAIR "A"  
S - START "J" TRACK - 1ST OR.

JJD

THUR 8-18-77

\* - LIST OF UNFINISHED ITEMS ON 7-11+12  
J.N. - 5-4856 - PRIME 6TH  
HAR - 1-5095 - BRICK PAVERS  
BAB - POINT & CLEAN - PRECAST  
J.N. - PAINT - STAIR "A" (DRS)  
P - 6-3830 - CEIL - 3RD

FRI 8-19-77

J.N. 5-4821 - FIN - 11+12  
HAM. 5-5812 - CSWK. 11+12  
LSI - FIRE EXT. CAB. COMP.  
S - HOWE - STAIR - "A"  
LSI - 5-5848 - CSWK - 8TH  
S - POUR E-2 - EW PLAZA

MON 8-22-77

J.N. - TOUCH UP. 7-11+12  
S - 5-8656 - HANG DRS 6TH  
J.N. 5-4864 - PRIME 4  
S - STAIR NOSINGS "A"  
P - STUDS - MOD 94  
P - PATCH ACUSTIC RIMS. ET.

TUES. 8-23-77

\* 5-9012 PUNCH OUT 7-11+12  
P - CEILING - "K+E" - "A" UNIT  
P - 6-4630 - LATH - 3RD FLR  
AS - 5-8448 - UNIT - 8TH  
S - HOWE - 13-14-15+16

WED 8-24-77

INT ST. CURTAIN WALL. 3RD  
S - STRIP PLAZA

THUR 8-25-77

J.N. 5-4839 - FIN PAINT 9TH FL  
S - SIDEWALK POWELL

FRI 8-26-77

CLEAN UP DAY

MON 8-29-77

S - 5-6639 - HOWE. 9TH FL

TUES 8-30-77

J.N. 5-4843 - FIN PAINT 8TH FL

Pat

### Plumbing

- 1) Sleeve and insert as necessary
- 2) 6-0404 Horiz. Plumbing Basement west
- 3) 6-0405 Horiz. Plumbing stack #7
- 4) 5-6212 work cannot start
- 5) 5-6221 " " "
- 6) 5-6239 Plumbing Finishes 9<sup>th</sup> Floor
- 7) 6-0406 Plumbing Rough-in West Mezz.
- 8) Plumbing Fixtures on 12, 11, + 9.
- 9) IN WALL waste, vent, + med. GAS Basement.
- 10) Work on Mod. # 145 complete
- 11) Work on Mod # 55 started
- 12) Work on Mod # 51 complete - not allowed yet.
- 13) 6-0415 1<sup>st</sup> FL. West work cannot start. Mod # 155-6

### Heating

- 1) Sleeve & insert as necessary
- 2) 8-1403 B - stands and equipment Basement
- 3) 8-1415 A - Heating mains 15<sup>th</sup> Floor
- 4) 8-1415 B - stands and equipment 15<sup>th</sup> Floor
- 5) Condensate Return in Basement
- 6) 6-1406 Horiz. Htg. West Mezz.
- 7) 8-1403 C - Final Htg. Hook up Base.
- 8) Radiation on 14 + 13.
- 9) Helicopter Pick For Remote Radiators this weekend.
- 10) 6-1405 Horiz. Htg. Base. stack #7
- 11) 7-1434 Heat Htg. Rough-in - 14<sup>th</sup> Fl. - complete
- 12) 7-1453 " " " " 13<sup>th</sup> Fl. - complete
- 13) 7-2665 Heating Finish 5<sup>th</sup> Fl. - complete
- 14) 8-2610 Heating Finish 10<sup>th</sup> Fl. Equip. Room

Sheet metal

- 1) 5-5221 - Sheet metal finish - 11<sup>th</sup> floor.
- 2) 5-5239 - " " 9<sup>th</sup> floor.
- 3) 5-5248 - " " 8<sup>th</sup> floor.
- 4) 8-0603 - Horiz. Duct work M-73
- 5) 8-0604 " " " M-74
- 6) 8-0606 " " " M-76 - west Mezz.
- 7) 8-0615 " " " 15<sup>th</sup> fl. Equip. Room
- 8) 8-0605 Horiz. Duct work stack #7 Base.
- 9) 8-2610 - Finish on sheet metal also.
- 10) Sleeve as required

Pipe covers

- 1) 8-1803 - Pipe covers Base. Equip. Room
- 2) 8-1810 " " 10<sup>th</sup> fl. Equip. Room.
- 3) 8-1815 " " 15<sup>th</sup> fl. Equip. Room
- 4) 7-1865 " " 5<sup>th</sup> fl. Complete.
- 5) Pipe covering 3<sup>rd</sup> fl. in wall work.

Smucker Filter

- 1) 5-5621 - Smucker Finish 11<sup>th</sup> floor
- 2) 5-5639 - " " 9<sup>th</sup> floor

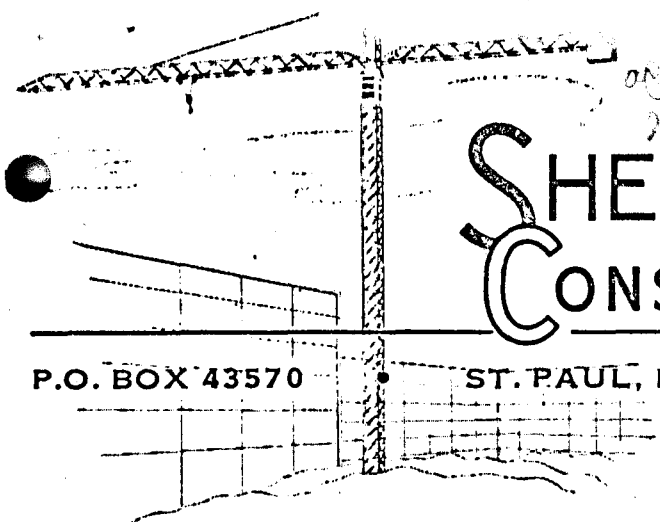
3) Sleeve & insert as necessary

- 4) 6-1606 Horiz. Sprink West Mezz.
- 5) 6-1632 " " 3<sup>rd</sup> floor s/f. 4-6
- 6) Fire cabinets - All floors - all stairways.
- 7) Work on Med # 145-

8) Tie-in between unit "A" and unit B/C

9) 8-1603 Horiz. Sprink. Base. Equip Room Complete.





# SHEEHY CONSTRUCTION COMPANY

P.O. BOX 43570 • ST. PAUL, MINNESOTA 55164 • PHONE: 612/488-6691

*11-2-77 11:32  
on 11-2-77  
Done*

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11-2-77  
on 11-2-77  
Done*

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11-2-77  
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## MINUTES OF JOB MEETING - UNIT B/C #80 - 8/25/77

### IN ATTENDANCE:

- |                  |                        |
|------------------|------------------------|
| Earl Romnes      | Westinghouse Elevator  |
| R. P. Campbell   | Campbell & Company     |
| Rich Sievers     | Honeywell, Inc.        |
| Wally Mellum     | U of M                 |
| Joe Palla        | U of M                 |
| John Thesenvitz  | Wm. Poppenberger & Son |
| Joe McCormick    | U of M                 |
| Jim Hastert      | U of M                 |
| *Don Nelson      | Mechanical Data        |
| Jim Fallon       | U of M                 |
| *Paul Kopietz    | U of M                 |
| *Felix Hernandez | Mosler                 |
| O. W. Hughes     | U of M                 |
| Jim Culligan     | Premier Electric       |
| *John Bellair    | Premier Electric       |
| Ray Anderson     | Hayes Contractors      |
| *George Klein    | Hayes Contractors      |
| Dick Carlson     | HSAE                   |
| *Duane Blanchard | HSAE                   |
| *John Patterson  | TAC                    |
| Gene Kogl        | U of M                 |
| Gordon Lindholm  | U of M                 |
| Steve Greene     | U of M                 |
| John Roettger    | Sheehy                 |
| Pat Whalen       | Sheehy                 |
| Ken Fick         | Sheehy                 |

SEE HAMILTON COLOR  
SCHEDULE

\*Not Present

CORRECTIONS:

- ✓213. Carlson - The specification for the keying for the telephone cabinet covers is clear enough.

Fick - The statement merely indicated that all of the information we need for the keying was not there and we had to go through several sources at the University in order to get this information which has come to us considerably later than we needed it.

REVIEW:

- ✓184. Culligan - We have received nothing back from our supplier concerning this so we do not know the placement of the nipples. We expect the answer shortly but in the meantime Sheehy should not put the backing in for both units.

189. Carlson - We have written Mod. 179 to handle this matter.

191. Romnes - Our well driller is working on both Saturdays and Sundays now in order to finish this work as soon as possible.

- ✓207. Hughes - Tomorrow we should have all grades and elevations for Sheehy for the entire area between Powell Hall, K. & E. and Diehl Hall.

Kogl - So far as I know now there will not be a Modification issued to handle this because I do not believe there is much change. We will check the drawings and see just what the revisions are. In the meantime do not hold up the work.

Fick - If there is no Mod., then we will send all these separate invoices for the few items of additional work we know we have there such as increased length of poured concrete walls at the turnaround and also the removal of the concrete slab below street level which has to come out.

- (209.) Fick - Time to time we need physical dimensions or other data pertaining to equipment which will be furnished by the owner. From whom should we get this information?  
A13-1 WARREN FOTOLUDD 373-8981

Kogl - Get these types of information from Oliver Hughes who in turn will get them from Swanson or whomever.

- ✓205. Campbell - The schedule looked good up to a few weeks ago. Since then all primes have been slipping off the schedule and it is more and more evident that Modifications and the lack of decisions are now controlling the progress of the work and we therefore must take a good look at the remaining work to be done. The existing CPM is now gradually losing validity. We are better off on this job than on the average job and certainly much better off than they were at this point on Unit 'A'. The answers I get from primes as to why they are behind on something, is that either

they are being held up by a Modification to be resolved or else that there is a decision waiting on a problem.

Hastert - Mods. are not holding up basic equipment systems on mechanical and electrical.

Kogl - Contractors have many things not done that are not affected by Mods. We did try to break down ~~the~~ 11th and 12th floors clean and punch. We have problems now that ~~the~~ ~~are not involved and can't print out.~~

Hughes - One decision to be made yet is the impact of systems on the 11th and 12th floors.

Campbell - We need new update with contractors to make the CPM work now. We will issue this if Kogl requests it.

- ✓217. Anderson - We still request permission to purchase the equipment which goes above the ceiling for Mod. 144.

Greene - We cannot give you this authority yet because the hospital needs the total cost before the decision is made.

*9/1/77 in the mail.  
also cost.*

Carlson - We still do not have the electrical quotation for Mod. 144.

- ✓218. Romnes - A new door and frame for Mod. 125 will be shipped the week of September 5th. I have no shipping date yet for the doors and frames for Mod. 152 but believe that material will be shipped between the middle and the end of October. I think Sheehy can start soon on Mod. 125 and I will let them know a suitable starting date.

220. Mellum - A Modification has added 'G' Type fixtures in Room 1-318.

Thesenvitz - We are putting up sheetrock in one of these rooms now.

NEW BUSINESS:

- ✓224. Fick - Hughes had me place a hold on four precast concrete benches for the plaza area many months ago. What is the status of this held?

Kogl - Hughes try to find out and get back to Fick and if you can't get the information, let me know.

- ✓225. Carlson - The shop drawings for the structural steel on the Mayo Bridge have been corrected for the second time and are now accepted as noted and were sent back to Commercial Steel yesterday. Sheehy will have some coordination work to do with Alpana on the Mayo end of the bridge to make sure that the adaptations work out okay. We are still waiting to hear from Premier and Hayes as to whether or not there will be any additional costs from them for this item. Have you checked on the ductwork yet?

Hughes - No we will check with the drawings so that we put nothing in the way.

- ✓226. Fick - The resolution of Mod. 152 has now been held up since July 29th and we request that this one get resolved promptly.

- ✓(227). Fick - We still need the keying schedule for the plastic laminate casework for Mod. 120 and also the lock schedule for the metal lab casework for Mod. 120.

- ✓228. Roettger - When can we work on East Delaware?

Fick - We are working on the cost breakdown for this now and must get it into the owner before we begin the work.

- ✓229. Roettger - We need information on the JOLM waterproofing - it may have pertained to Mod. 47.

Hughes - I will check on this and get the information back to you.

- ✓230. Culligan - We will have the switch in place to control the corridor lighting today if we can get the wire down.

- ✓231. Roettger - We formed out in the slabs for the underfloor electrical duct because Premier did not have them and could not set them in place when we poured our slabs. Now Premier will not pay for the forming and additional patching and expenses we incur in completing these areas up.

Culligan - On this job due to the metal deck the standard practice would not work so these underfloor ducts could not have been poured in place. This is due to the camber in the floors and we take the position that it could not have been constructed that way.

MELLUM

Hughes - A considerable amount of this underfloor duct was poured in place in the 'A' Building and I do not recall of any problem with it.

Mellum - The work was done by the standard method of pouring the duct in place in Unit 'A' and there was no problem incurred.

Fick - There are many people sitting here at this meeting today who are were at several consecutive project meetings a year ago last spring when I explicitly asked Jim Culligan to get all of the underfloor electrical duct on the job as quickly as possible so that all of it would be here and so that we could pour in place monolithically

when the slabs were poured. I am sure that Culligan recalls that.

- ✓232. Romnes - Car number 6 will be going out of service about the middle of September and it will be down for about six to eight weeks. *OCT 15, 1977*
- ✓233. Fallon - We need test results before materials are delivered to the jobsite. An example is for the black dirt which Park is now bringing into the plaza area. We also need more lead time on the notice we must give the hospital for demolition work.
- Roettger - We gave you one week and we will try to increase that to two weeks.
- ✓234. Sievers - We will do pretesting on Monday and we need one air compressor running.
- Mellum - I do not believe the compressor is wired properly.
- Anderson - We need all temperature controls operating before heating units can be started up.
- Sievers - We are caught up with you.
- Kogl - We will make the October 1st date to turn the heat on.
- ✓235. Roettger - After punch out we will wait one week for corrective work before placing the ceiling pads.

SHEEHY WORK SCHEDULE.

WED. 8-24-77

P. 6-4630. LATH 3RD FL  
HAM. 5-6212 CSWK 12TH FL LINK  
A.S. 5-8448. VAT. 8TH

J.N. 5-4864. PRIME 4TH  
LSI. COMP CORK-11+12  
J.N. DOOR + FRAME 10T  
S. CLEAN LINK-12TH FL

THUR. 8-25-77

P. 6-3830 CEIL. 3RD S.E.  
BARB. POINT & CLEAN PRECAST  
N/H. W/P WEST PLAZA

J.N. 5-4839. FIN. 9TH FL  
P. 5-4255. DRYWALL-5T.  
S. CLEAN + SEAL. 7TH F  
P. 6-4615. DRYWALL. 1ST W

FRI. 8-26-77

CLEAN UP  
PARK - FILL SO. PLAZA  
P. TAPER - TOUCH UP DRIVIO RN 8TH

J.N. FIN STAIR "A"  
ARRI. PAVERS "A" N. SIDE  
A.S. VIN BASE 12TH COR.

MON 8-29-77

P. CEIL "K+E" TO "A" BSMT.  
J.N. COMPLETE PAINT 12TH FL  
S. COMPLETE HOWE 12TH FL

SANDER. SEAL - 12TH O.R.  
S. HOWE 9TH  
BK. CERAMIC - 8TH  
P. 6-4620. DRYWALL. 2ND O.

TUES. 8-30-77

5-9012 - PUNCH OUT-12TH  
S. HOWE. STAIR "A"  
HAM. 5-5839 - CSWK. 9TH

S. BL. MEZ. + 1ST F.  
LSI. 5-5848. CSWK. 8T  
P. MOD-69

WED 8-31-77

FRI. 9-2-77

S. STAIR NOSING "A"  
P. 6-3530. PLASTER 3RD

CLEAN UP

MON 9-3-77

THUR. 9-1-77

S. POUR TOPPING DIEHL  
PRE. MOD 94 - 11TH FL

TUES. 9-4-77

5-9021 - PUNCH OUT 11TH

## Plumbing

- 1.) Sleeve and insert as necessary
- 2.) 6-0404 Horiz. Plumbing Basement west
- 3.) 6-0405 Horiz. Plumbing stack #7
- 4.) 5-6212 work cannot start
- 5.) 5-6221 " " "
- 6.) 5-6239 Plumbing Finishes 9<sup>th</sup> Floor
- 7.) 6-0406 Plumbing Rough-in West Mezz.
- 8.) Plumbing Fixtures on 12, 11, + 9.
- 9.) IN WALL waste, vent, + med. GAS Basement.
- 10.) WORK on Mod. # 145 complete
- 11.) WORK on Mod # 53 started
- 12.) WORK on Mod # 51 complete - not approved yet.
- 13.) 6-0415 1<sup>st</sup> FL. West work cannot start. Mod # 155

## Heating

- 1.) Sleeve & insert as necessary
- 2.) 8-1403 B - stands and equipment Basement
- 3.) 8-1415 A - Heating mains 15<sup>th</sup> Floor
- 4.) 8-1415 B - stands and equipment 15<sup>th</sup> Floor
- 5.) Condensate Return in Basement
- 6.) 6-1406 Horiz. Htg. West Mezz.
- 7.) 8-1403 C - Final Htg. Hook at Base.
- 8.) Radiation on 14 + 13.
- 9.) Helicopter Pick For Remote Radiators this weekend
- 10.) 6-1405 Horiz. Htg. Base. stack #7
- 11.) 7-1434 Heat Htg. Rough-in - 14<sup>th</sup> Fl. - complete.
- 12.) 7-1453 " " " " 13<sup>th</sup> Fl. - complete
- 13.) 7-2665 Heating Finish 5<sup>th</sup> Fl. - complete
- 14.) 8-2610 Heating Finish 10<sup>th</sup> Fl. EQUIP Room



UNIVERSITY OF MINNESOTA  
TWIN CITIES

Unit B/C Construction Office  
Health Sciences Expansion  
611 Delaware Street S.E.  
Minneapolis, Minnesota 55414

August 31, 1977

THE FOLLOWING MODIFICATIONS ON THE ATTACHED SHEETS ARE NOT FINALIZED FOR  
ONE OF SEVERAL REASONS. THIS IS AS OF AUGUST 31, 1977.

THE + DENOTES MODIFICATIONS ISSUED AT LEAST 30 DAYS AGO.



O.D.	DESCRIPTION	CONTR	DATE ISSUED	STATUS
51-P*	Floor sleeves to alleviate spilled or overflow liquid migration between floors	General Electrical Mechanical	9/1/76	Electrical to quote
55-A*	Revise certain features of the work in 1st floor west area rooms 1-395 & 1-396	General Electrical Mechanical	10-4-76	FINAL
66-P*	Revise provisions for electrically locked unlocked exit devices & electro-magnetic hold	General Electrical	11/10/76	Electrical T & M
72-P*	Revise and clarify temporary electrical service installation	Electrical	12/3/76	U of M Evaluate
80-P*	Revisions to Electrical specs & drawings	Electrical	1/10/77	Electrical to requote
86-P*	1st floor east power revisions in various rooms	Electrical	1/10/77	Time and Material
87-P*	Revisions - see modifications	Electrical	1/10/77	Time and Material
88-P*	Refer to Mod. Electrical drawing sheet E-24 for revisions	Electrical	1/10/77	Time and material
123-P*	Modify the Unit B.C. plaza substrate design	General	3/25/77	General to requote
128-A	Stair G	Mechanical	3/29/77	T & M Mechanical
136-A*	Aud. seating	General Electrical	4/14/77	T & M Electrical
139-A	Revise the location of service sink 1-78	General Mechanical	4/22/77	U of M Evaluate

O.D.	DESCRIPTION	CONTR	DATE ISSUED	STATUS
142-P*	General work for MTS	General	5/19/77	U/M Evaluate
144-P*	Revise portion of 2nd floor to accomodate computer power relay equipment	General Electrical Mechanical	5/19/77	Electrical to quote
145-E*	Provide & install 8" detector check valve	Mechanical	5/20/77	Time & Material
150-E	Mechanical work for M.T.S.	Mechanical	7/20/77	Mechanical to sign
152-P*	Furnish & install permanent equipment for Elevator #1	General Electrical Vert. trans	6/13/77	To contractor to sign
153-A*	Electrical items coordination	Electrical	6/6/77	U/M Evaluate
154-P*	Revises mechanical & Electrical work on floors 1,2,8 & 9	Mechanical Electrical	6/15/77	Contractor to sign
155-P*	Provide work and material to accomodate MTS	General Electrical Mechanical	6/13/77	electrical to quote
159-P*	Revision to room 9-138	General Electrical	6/24/77	Electrical contractor to quote
160-P	Install wire woven fence on 1st floor for cart storage	General	7/8/77	Processing
161-P	Omit Type 14 wall type on 2nd floor S-25 East of #-8	General	7/8/77	FINAL

O.D.	DESCRIPTION	CONTR	DATE ISSUED	STATUS
163-P	Omit vat in certain areas on floors 1,2,4 & 9	General	7/77	FINAL
164-P	Reverse door swings on 2nd floor	General Electrical	8/5/77	Gen & Elec to quote
165-P	Allow provision for intrusion system	General Electrical	8/5/77	General & Electrical T & M
166-P	Revisions to 8th floor	General Mechanical Electrical	8/5/77	Gen, Mechanical, Elec to quote
167-P	Revisions to 3rd floor	General Mechanical Electrical	8/5/77	Gen, Mech & Elec to quote
173-E	Omit full height masonry wall - new 8" concrete wall between these rooms & parallel to Grid E8	General	8/23/77	General to quote
178-E	Alarm wiring to be incorp. into Honeywell central control and monitoring system	Mechanical	8/23/77	Contractor to sign
179-E	Install roof drains at grids E5 & E10 near S41	General Mechanical	8/30/77	issued to contractors

Bob Simpson



UNIVERSITY OF MINNESOTA  
TWIN CITIES

Unit B/C Construction Office  
Health Sciences Expansion  
611 Delaware Street S.E.  
Minneapolis, Minnesota 55414

RECEIVED

AUG 29 1977

UNIV. OF MINN.  
HEALTH SCIENCE  
PLANNING OFFICE

AUGUST 24 , 1977

THE FOLLOWING MODIFICATIONS ON THE ATTACHED SHEETS ARE NOT  
FINALIZED FOR ONE OF SEVERAL REASONS. THIS IS AS OF AUGUST 24 , 1977  
THE \* DENOTES MODIFICATIONS ISSUED AT LEAST 30 DAYS AGO.

O.D.	DESCRIPTION	CONTR	DATE ISSUED	STATUS
51-P*	Floor sleeves to alleviate spilled or overflow liquid migration between floors	General Electrical Mechanical	9/1/76	Electrical to quote
55-A*	Revise certain features of the work in 1st floor west area rooms 1-395 & 1-396	General Electrical Mechanical	10-4-76	Electrical T & M
66-P*	Revise provisions for electrically locked unlocked exit devices & electro-magnetic hold	General Electrical	11/10/76	Electrical T & M
72-P*	Revise and clarify temporary electrical service installation	Electrical	12/3/76	U of M Evaluate
80-P*	Revisions to Electrical specs & drawings	Electrical	1/10/77	Electrical to requote
86-P*	1st floor east power revisions in various rooms	Electrical	1/10/77	Time and Material
87-P*	Revisions - see modifications	Electrical	1/10/77	Time and Material
88-P*	Refer to Mod. Electrical drawing sheet E-24 for revisions	Electrical	1/10/77	Time and material
123-P*	Modify the Unit B.C. plaza substrate design	General	3/25/77	General to requote
128-A	Stair G	Mechanical	3/29/77	T & M Mechanical
136-A*	Aud. seating	General Electrical	4/14/77	T & M Electrical
139-A	Revise the location of service sink 1-78	General Mechanical	4/22/77	U of M Evaluate

O.D.	DESCRIPTION	CONTR	DATE ISSUED	STATUS
142-P*	General work for MTS	General	5/19/77	H.S.A.E. Evaluate
144-P*	Revise portion of 2nd floor to accomodate computer power relay equipment	General Electrical Mechanical	5/19/77	Electrical to quote
145-E*	Provide & install 8" detector check valve	Mechanical	5/20/77	Time & Material
150-E	Mechanical work for M.T.S.	Mechanical	7/20/77	Mechanical to sign
152-P*	Furnish & install permanent equipment for Elevator #1	General Electrical Vert. trans	6/13/77	UM/HSAE Evaluate
153-A*	Electrical items coordination	Electrical	6/6/77	UM/HSAE
154-P*	Revises mechanical & Electrical work on floors 1,2,8 & 9	Mechanical Electrical	6/15/77	H.S.A.E. to Evaluate
155-P*	Provide work and material to accomodate MTS	General Electrical Mechanical	6/13/77	electrical to quote
159-P*	Revision to room 9-138	General Electrical	6/24/77	Electrical contractor to quote
160-P	Install wire woven fence on 1st floor for cart storage	General	7/8/77	Contractor to sign
161-P	Omit Type 14 wall type on 2nd floor S-25 East of #-8	General	7/8/77	Contractor to sign

