



* call TAC 1/13/77
res station #1
1000 1st Avenue
St. Paul, MN 55101
21 1182

SHEEHY CONSTRUCTION COMPANY

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

MINUTES OF JOB MEETING UNIT B/C #48
JANUARY 6, 1977

PEOPLE IN ATTENDANCE:

R. A. Magnuson	Westinghouse Elev.
J. Rudie	C & Co.
Rich Sievers	Honeywell, Inc.
Wally Mellum	U of M
Jim Hastert	U of M
Jim Fallon	U of M
* Gene Kogl	U of M
* Paul Maupin	U of M
* Paul Kopietz	U of M
Joe Palla	U of M
Joe McCormick	U of M
Jim Culligan	Premier Elect.
R. P. Campbell	C & Co.
John Bellair	Premier Elect.
F. Hernandez	Mosler
Dick Hendricks	U of M Physical Plant
Ray Anderson	Hayes Contr.
Dick Carlson	HSAE
* Duane Blanchard	HSAE
* John Scott	TAC
* Paul Maupin	U of M
 	U of M
* Greg Kujawa	U of M
D. W. Hughes	U of M
Tyrone Berg	Poppenberger & Son
Jack Frerichs	Poppenberger & Son
Steve Greene	U of M
John Roettger	Sheehy
Dan Walgenback	Sheehy
Ken Fick	Sheehy

* Not Present

CORRECTIONS

- ✓Hughes - The sequence of clarifications or directives is thus: On the prescribed forms basically describe what is needed and give it to O. Hughes - he will get the answer and give it back in writing to the person requesting it.

REVIEW OF MINUTES:

- ✓Item 1 - Fick - The question of carpet under doors carries thru to hollow metal doors also. I would like further direction on this item.
- ✓Hughes - We will take care of it.
- ✓Item 2 - Fick - Modification 55 - Where is it?
- ✓Anderson - HSAE is reviewing it and there are some things on the mod. that cannot be done.
- ✓Hastert - I think this should be handled by HSAE and if any questions arise we should have a further meeting.
- ✓Item 3 - Fick - Color schedule; where is it?
- ✓Carlson - I need further samples to complete the list.
- ✓Item 11 - Hughes - We are getting an exact layout on the floor and will have a meeting tomorrow.
- ✓Item 12 - Tomorrow we hope to have the problems defined and work on solutions to the obstacles that are apparent.
- ✓Hernandez - We plan to start work on the jobsite the first week of February.
- ✓Campbell - I will need your schedule on the 'C' building as soon as possible.
- ✓Campbell - I will need information to put a schedule out on elevator #11 to give the owner a shutdown time.
- ✓Item 13 - Campbell - Modification situation is going from bad to worse.
- ✓Fick - We will be submitting many modifications before the next meeting.
- ✓Item 2 - Fick - We need an answer on the resilient ceiling hanger credit offered the owner - also an answer on the unit prices submitted for access panels.

NEW BUSINESS:

- ✓Item 1 - Fick - the east side exit from Mayo is still being used, at least somewhat, as a traffic door. We again request that the owner limit the use of this opening to its agreed-upon purpose -- an emergency exit only.
- ✓Item 2 - Anderson - 6613 are the job.
- ✓Item 3 - Culligan - What is the status of the electrical room? We are going to energize in 6 weeks.
- ✓Item 4 - Campbell - Is all the information in on the cable splicing?
- ✓Bellair - No, we still have more information to give to HSAE.
- ✓Item 5 - Magnuson - When will permanent power be on for the other elevators?
- ✓Culligan - About the 1st of March.
- Item 6 - Campbell - The schedule is getting back into contract limits.
- ✓Item 7 - Campbell - What is the status of phase 2?
- ✓Swanson - There will be some information the 1st of the month.
- ✓Item 8 - Frerichs - We are starting ceiling - how do we handle the modifications? Do we proceed or do we hold on the mods.?
- ✓Item 9 - Hughes - I will find an answer on this problem.
- ✓Item 10 - Berg - We are going to start ceilings on 12th floor. Where are the light fixtures?
- ✓Bellair - There is still a problem on lights.
- ✓Walgenbach - We are going to plaster Monday.
- ✓Item 11 - Fick - As general contractor our policy is that unless there is an issued modification pending we are to continue work according to the existing plans and specifications unless directed to "hold" in writing in a given area by either the owner or architect.
- ✓Item 12 - Fick - What is the status of the "hold" on the admissions area on the 2nd floor of Unit B?
- ✓Carlson - I have no information on this.
- ✓Item 13 - Roettger - There is another conflict on floor 1, what are we to do?

SHEEHY SCHEDULE

1-5-77

ELEV - 5 + 6 OPERATING

WED. 1-5-77 P-1-2480 - F.P. CLFAD 2ND STB 29

PAN 1-5014. EXC. MAYO

PAN 1-5018. LAG MAYO

S-1-5310. CUT FLOOR MAYO

P-4-8070 - CORE WALLS. 7TH FL ^{✓ MTRN HERE}

P-6-3320 - CFIL 2ND FLR

P-6-4215 - ST. SHRTK. 1ST FL

S-1- FTG - STK 7

THUR 1-6-77 S-POUR FTG. ST 7

P-6-1215 - COL COU + SHRTK WALLS - 1ST FL

EF 4-0302. ROOFING - 16 - CURIT

P-6-4620 - LATH 2ND FL CFIL

PR 5-3012. FDR. COND + PANELS. 12TH

P-5-1212. FUR TO CER WALLS. 12TH

S-1-6010 - DEMO DNL + KE TUNNEL

P- RM 3-75 - WALLS TO STAIR (3RD FL)

FRI 1-7-77 BA-5-2412. LT. PORT. PRE FORM MET. COMPL 12TH

^S - CAULKING EXT. COMPL.

CLEAN UP

L 5-1812. PIPE COU. COMPL. 12TH

P-5-1221. COL. CORE + SHRTK WALLS. 11TH

L HURC. COMPL. ON 12TH

OLD 5-0612. HORIZ DUCT. COMPL. 12TH

P-4-3120. CORE + SHRTK WALLS. 12TH COMPL

^{PAVING} 1-5040. ROCK EXC. MAYO

MON 1-10-77 SAN. SET ST STEEL ST. 7

PR 5-5012. RECIG LG. 12TH FL

P-5-3812. START CFIL - 12TH FL

^{SANITARY} ^{NEED MORE MEN.} 5-3112. MISC MET. 12TH FL

P-6-4230. PLASTER 3RD FL ESCALATOR

4-7000 - N.W. BELL

TUES. 1-11-77 L. 4-2410 - HURC. PIPING CORES

PR ELEC DUCT X RAY RMS. 1ST FL COMPLETE

S-P. LEAD LINES RL. 1ST FL

7TH FL. DOORS. HURC. TEMP LOCKS

MW - FOLD PRTN. TRACK HOR. 1ST ^{2ND - 12TH}

WED. 1-12-77 RADIATION - 7TH FL

MON. 1-17-77

3-5010. HVD. ELEV SHIRT

THUR. 1-13-77 6-3810. CFIL 1ST FL E-13. E-18

TUES. 1-18-77

FRI. 1-14-77 CLEAN UP

SCHEDULE INTENT - To Help Job

"PROGRESS"

Plumbing

- 1.) Sleeve + insert as necessary
- 2.) 2-3340 Test underground fill stack 4+5 complete
- 3.) 4-2102 Core 28 5-10 complete.
- 4.) 4-2107 " 32 " "
- 5.) 4-2112 " 36 " "
- 6.) 4-2122 " 33 " "
- 7.) 4-2127 " 29 " "
- 8.) 4-2132 " 25 " "
- 9.) 4-2142 " 27 " "
- 10.) 4-2147 " 26 " "
- 11.) 4-2162 " 31 " "
- 12.) 4-2167 " 30 " "
- 13.) 4-2172 " 35 " "
- 14.) 4-2177 " 34 " "
- 15.) 5-0412 Horiz. Plumbing Rough-in 12th Floor.
- 16.) 5-0421 " " " 11th Floor.
- 17.) 5-0439 " " " 9th Floor.
- 18.) 5-0448 " " " 8th Floor
- 19.) 5-0456 " " " 6th Floor
- 20.) 5-0464 " " " 4th Floor
- 21.) 6-0402 " " " Base. north
- 22.) 6-0403 " " " Base. south
- 23.) 6-0410 " " " 1st Fl. north
- 24.) 6-0412 " " " 1st Fl. south
- 25.) 6-0420 " " " 2nd Floor
- 26.) 7-0407 " " " 7th Floor
- 27.) 7-0465 " " " 5th Floor
- 28.) 8-0403 " " " Base. East.

Heating.

1) sleeve & insert AS NECESSARY.

2.)	4-2402	core	28	5-10	
3.)	4-2422	"	33	"	
4.)	4-2427	"	29	"	
5.)	4-2443	"	27	10-15	
6.)	4-2447	"	26	5-10	
7.)	4-2472	"	35	"	
8.)	4-2477	"	34	"	
9.)	5-1448	Horiz. Heating	rough-in		8 th Floor
10.)	5-1456	"	"	"	6 th Floor
11.)	5-1464	"	"	"	4 th Floor
12.)	6-1402	"	"	"	Base. North
13.)	6-1403	"	"	"	Base. South
14.)	6-1410	"	"	"	1 st North
15.)	6-1412	"	"	"	1 st South
16.)	6-1420	"	"	"	2 nd Floor
17.)	7-1407	"	"	"	7 th Floor
18.)	7-1465	"	"	"	5 th Floor
19.)	8-1410	"	"	"	10 th Floor
20.)	8-1403	"	"	"	BASEMENT

EQUIPMENT ROOM.

Sheet Metal

1.)	4-1400	Core	28	1-3	complete
2.)	4-1405	Core	32	1-3	complete
3.)	4-1406	"	"	3-5	"
4.)	4-1420	Core	33	1-3	"
5.)	4-1421	"	"	3-5	"
6.)	4-1425	Core	29	1-3	"
7.)	4-1430	Core	25	1-3	"
8.)	4-1431	"	"	3-5	"
9.)	4-1440	Core	27	1-3	"
10.)	4-1441	"	"	3-5	"
11.)	4-1445	Core	26	1-3	"
12.)	4-1446	"	"	3-5	"
13.)	4-1470	Core	35	1-3	"
14.)	5-0656	Horiz. Duct	work		6 th Floor
15.)	5-0664	"	"	"	4 th Floor
16.)	6-0610	"	"	"	1 st Floor North
17.)	6-0620	"	"	"	2 nd Floor
18.)	8-0603	"	"	"	Bsmt. EQ. RM.
19.)	8-0604	"	"	"	" " "
20.)	8-0606	"	"	"	" " "
21.)	8-0609	"	"	"	10 th FL. EQ. Room
22.)	8-0610	"	"	"	"
23.)	Sleeve + insert AS NECESSARY				

Pipe Covering

1.)	4-2840	Core	27	-	1-3
2.)	4-2841	"	"	-	3-5
3.)	4-2842	"	"		5-10
4.)	4-2845	"	26		1-3
5.)	4-2846	"	"		3-5
6.)	4-2847	"	"		5-10
7.)	4-2850	Stair	"A"		1-3
8.)	4-2851	"	"		3-5
9.)	4-2852	"	"		5-10
10.)	4-2860	Core	31		1-3
11.)	4-2861	"	"		3-5
12.)	4-2862	"	"		5-10
13.)	4-2865	"	30		1-3
14.)	4-2866	"	"		3-5
15.)	4-2867	"	"		5-10
16.)	4-2870	"	35		1-3
17.)	5-1812	Pipe Covering			12 th Floor.
18.)	5-1839	"	"		9 th Floor.

SPRINKLER FITTER

- 1.) Sleeve + insert AS NECESSARY.
- 2.) 5-1664 Horiz. Sprinkler Rouch-in 4th Floor.
- 3.) 6-1610 " " " 1st FL. NORTH
- 4.) 6-1620 " " " 2nd Floor
- 5.) 5-1656 " " " 6th Floor
- 6.) 4-1717 Fire Prot. Pipe Stair B 1-10
- 7.) 4-1738 " " " " D 10-15
- 8.) 4-1753 " " " " A 10-15
- 9.) 5-1612 Horiz. Sprinkler Rouch-in 12th Floor.
- 10.) 5-1621 " " " 11th Floor
- 11.) 5-1639 " " " 9th Floor
- 12.) 5-1648 " " " 8th Floor
- 13.) 5-1656 " " " 6th Floor
- 14.) 7-1665 " " " 5th Floor
- 15.) 7-1615 " " " 15th Floor
- 16.) 7-1634 " " " 14th Floor
- 17.) 7-1653 " " " 13th Floor



Bulletin for

HEALTH AND SAFETY

and OSHA compliance regulations

November 1976

Vol. 19 No. 3

DEPARTMENT OF ENVIRONMENTAL HEALTH AND SAFETY—UNIVERSITY HEALTH SERVICE

TELEPHONE 373-3167

EDITOR. G. L. SCHEFFLER, ASSISTANT DIRECTOR

SMOKING REGULATIONS REVIEWED

Permanent signs have now been installed at the main entrances to University buildings indicating that users of these facilities must comply with the Minnesota Clean Indoor Air Act. This means, except for private offices, that smoking is allowed only in locations having "Smoking Permitted" signs in evidence. As an additional reminder, "No Smoking" signs are posted in corridors of all buildings.

University regulations prohibit smoking in classrooms, laboratories and other instructional areas and also in the audience sections of all places of public assembly. Such areas can not be designated as "Smoking Permitted" areas under any conditions. Conference rooms, general office areas, lobbies, food services, rest rooms and corridors are "No Smoking" areas unless specifically posted "Smoking Permitted."

All faculty, staff and students are advised that, with the enactment of this law, smoking in any University building becomes a privilege, not a right. With this understanding and the cooperation of smokers limiting their smoking to designated areas (of which at least one has been provided in every building), more stringent enforcement activities by the Department of Police should not be necessary.

Methyl Fluorosulfonate is Toxic Hazard

Published reports describe methyl fluorosulfonate as a severe deep lung irritant. The chemical was probably associated with

the death of a student, as a result of a spill of this material, at another University. In subsequent tests, all animals which inhaled saturated vapors of the chemical in air died within 15 minutes.

Methyl fluorosulfonate, which is also available under the trade name "Magic Methyl" from Aldrich, is a good methylating agent sometimes used in analytical and research work. Substitution of less toxic agents is strongly recommended.

In addition, it can be reasonably assumed that methyl chlorosulfonate could cause similar physiological responses and its use should receive similar attention. Safety and Health Coordinators and principal investigators are requested to check their areas of responsibility for the presence of either of these chemicals and to take appropriate action.

Substitutes Suggested for Carcinogenic Laboratory Chemicals

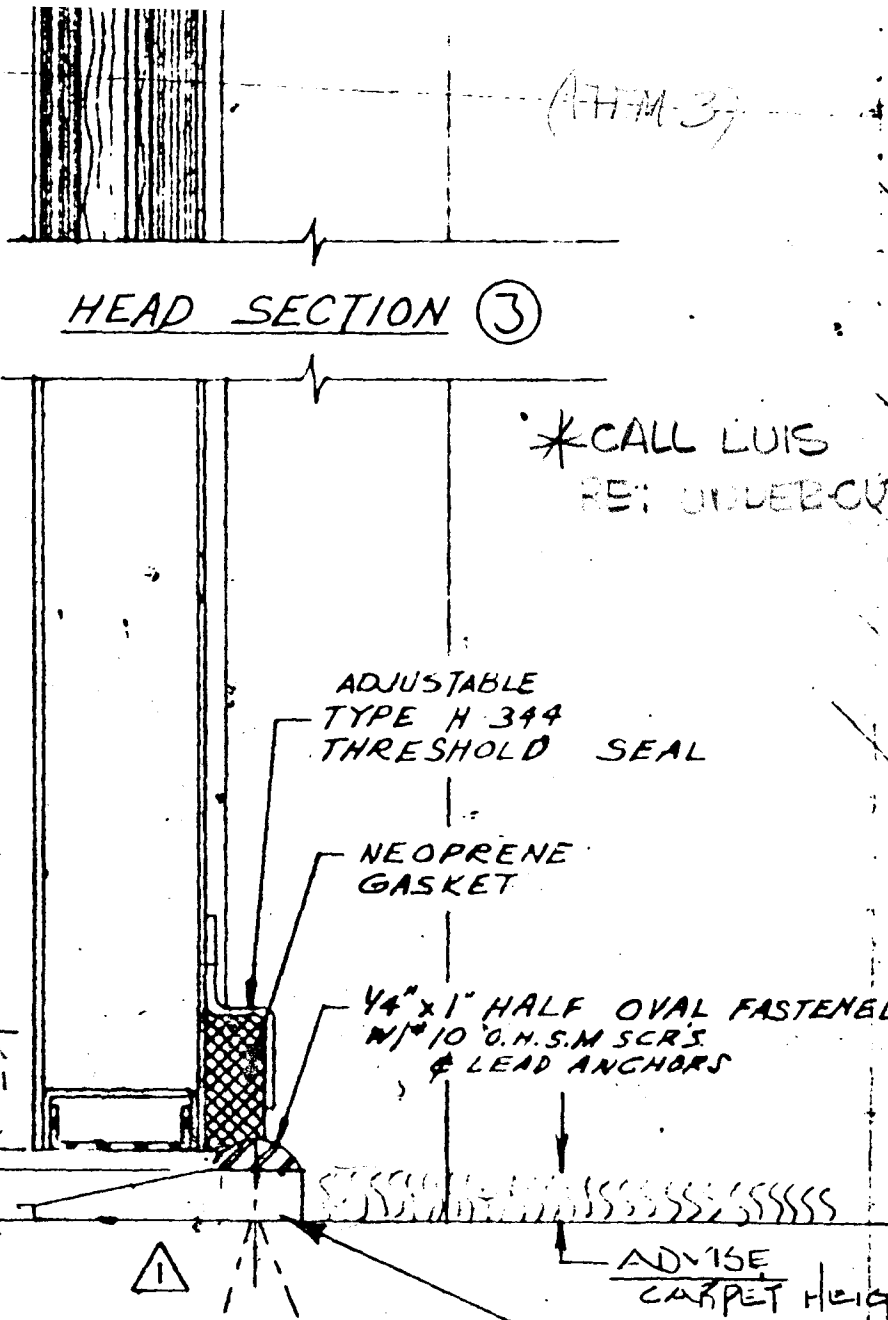
Recently, suggestions have been made for substitutes for carcinogenic reagents which are commonly used in laboratory analyses. It has been suggested by Aldrich Chemical Company that benzidine might be replaced in analytical procedures by 3,3', 5,5'-tetramethyl benzidine, which is non-carcinogenic.

A possible substitute for alpha-naphthylamine has been proposed by the Center for Disease Control. They have used both

(continued on reverse side)

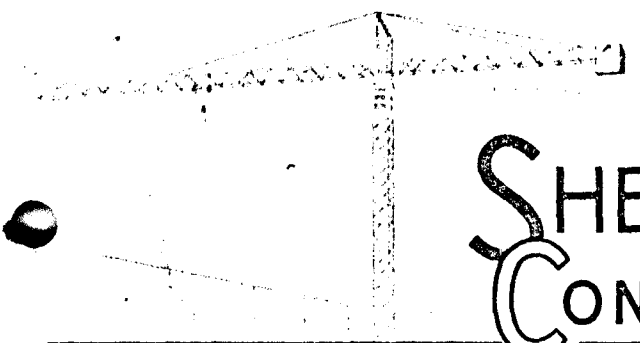
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FINAL FINISHED FLOOR
FRAME OPENING HEIGHT (SEE SCHEDULE)
DOOR HEIGHT (SEE SCHEDULE)



CONTRACTORS NOTE
 FINAL FINISHED FLOOR MUST BE LEVEL THRU-OUT ENTIRE DOOR SWING AREA TO MAINTAIN REQUIRED DOOR BOTTOM CLEARANCE

FILLER BLOCK (SAME HEIGHT AS OTHERS)
 SEALING SURFACE OF DOOR CLOSED AREA TO BE FLAT & LEVEL



SHEEHY CONSTRUCTION COMPANY

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MINUTES OF JOB MEETING UNIT B/C #49
JANUARY 13, 1977

People In Attendance:

R. Magnuson	Westinghouse Elevator
Rich Sievers	Honeywell, Inc.
Joe McCormick	U of M
Gene Kogl	U of M
R. P. Campbell	Campbell & Company
J. Rudie	Campbell & Company
Wally Mellum	U of M
Jim Hastert	U of M
John Bellair	Premier Electric
Dick Hendricks	U of M Physical Plant
F. Hernandez	Mosler
Greg Kujawa	U of M
Ray Anderson	Hayes Contractors
Paul G.	U of M
* Paul Maupin	U of M
Dick Carlson	HSAE
* John Scott	TAC
* Duane Blanchard	TAC
O. W. Hughes	U of M
Tyrone Berg	Wm. Poppenberger & Son
Jack Frerichs	Wm. Poppenberger & Son
Steve Greene	U of M
Jim Culligan	Premier Electric
Joe Palla	U of M
John Roettger	Sheehy
Dan Wallgenbach	Sheehy
Ken Fick	Sheehy
* Paul Kopietz	U of M
Jim Fallon	U of M

* Not Present

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

REVIEW OF MINUTES:

- ✓ Item 3 - Fick - We need an answer on the replacement to a higher door height of the door frames for the electrical rooms.
- ✓ Kogl - I will give a verbal go ahead on this matter per the price you have given us. This item will now be placed on a modification.
- ✓ Item 4 - Bellair - I need information on the cable splicing drawings.
- ✓ Carlson - We still need information from 3M.
- ✓ Bellair - I think all this information is in.

Item 9 - Kogl - If a Mod. is holding progress and material that is to be shipped, then a written "hold" will be placed on the area.

Kogl - We are trying to screen Mods. so that they are placed with priorities as to how they affect schedules. If there is such information, then a "hold" will be placed on the area.

Berg - When a Mod. is issued, is that considered a "hold" on that area?

Kogl - Yes, when a Mod. is issued it is a "hold".

Fick - The only "hold" Sheehy has is on the admissions area on the second floor of Unit B.

Bellair - This is the only one Premier has also.

Item 12 - Kogl - We are planning to negotiate the finish of this second floor area and also other areas of shell space. Some of the upper floors of shell space will be bid out.

Item 13 - Roettger - We still have problems down on floor 1 in radiology.

Item 14 - Hughes - We will be able to get Mosler through that area in a short time.

Bellair - Wally and I inspected the area and we have a meeting on Monday with the manufacturer, and I think a solution is forthcoming.

Mellum - I think it will be worked out on Monday. We have resolved trough problems. We still have access problems.

Hughes - Mosler has worked out its problems in this area.

NEW BUSINESS:

- ✓1. Fick - In accordance with the owner and HSAE the wood doors are coming 3/4" undercut over carpet areas. If this should turn out to be insufficient, the owner bears complete responsibility for remedy. So far as hollow metal doors are concerned over carpeting, there are about 16 openings involved and Ollie Hughes will advise us this week what undercut to give them.
- ✓2. Fick - What is the status of Mod. 56A? *approved 1/18/77 by Tom Jones*
Kogl - That is being cleared with the hospital.
- ✓3. Fick - Access panels unit prices - are they accepted?
- ✓4. Roettger - I have a question on air chambers. I need this information. I have talked to Jerry Ritter and he replies that he will get the information to me but so far I still have nothing.
- ✓Carlson - I will get the information to you.
- ✓Kogl - Please respond to the 15th floor air chamber insulation and vapor barrier problem also.
- ✓5. Walgenbach - We are field dimensioning for metal casework. Any change in walls could result in a change in Hamilton tops.
- ✓6. Anderson - Waldorf pump has extended delivery by 2 months. I request that Dick Campbell try to help us out in the area again.
- ✓7. Bellair - I wrote a letter to HSAE about space in cores for Honeywell. I feel there is not enough area in certain cores. These are electrical cores used by the fire management people.
- ✓Carlson - I think Premier and Gary Hall should have a meeting.
- ✓8. Campbell - Does any one have shop drawing problems? Have all shop drawings been submitted?
- ✓Hughes - I think some fire-management drawings are not in.
- ✓Belliar - I have a problem with a pull ~~box~~ *panel* that was discontinued.

- ✓9. Campbell - There is a new schedule out from 4th floor on up.
- ✓10. Carlson - Resilient hangar price credit needs a further breakdown.
- ✓Transformer doors will be out on a Mod. and there is a verbal approval to order the material and proceed with the work.
- ✓There are 10 new modifications out.
- ✓11. Need quotations on: 38E Mechanical, 42E Reviewed by the Owner, 47P (West Plaza area need general and mechanical), 45P HSAE is reviewing, 50E Owner signature, 51P need quote from Electrical, 52P Hospital review, 53P (further clarification from electrical), 55 Mechanical price, 56 Reviewed by hospital, 58 More information from Mechanical, 59E Mechanical quote, 61 GC. for signature, 62 Mechanical signature, 63 Owner for signature, 64A Mechanical breakdown, 65P G.C. for signature, 66P Need electrical quotation, 67P HSAE review, 68 Sent to owner for signature, 69P Need mechanical, 70P Need mechanical and electrical, 71P Owner signature, 72E HSAE evaluating, 73P Need electrical quote, 74P HSAE evaluating, 75 HSAE evaluating, 76 Need General and Mechanical quotations, 77P HSAE Evaluating, 78P HSAE Evaluating, 79E thru 89 just sent out this week.
- ✓12. Felix - Have drawings next Friday showing elevations. Will I need approved drawings?
- ✓Hughes - Yes, you will.
- ✓Kogl - Who will evaluate this drawing?
- ✓Swanson - TAC will review them. + U/M.
- ✓Felix - Do I need a C.O. to start work?
- ✓Kogl - There is a unit price in your contract, you can start and then we can adjust the cost as you go along.

PREMIER WORK SCHEDULE
 JAN 13 - JAN 20 1977

2-5120	H. V. CONDUIT	UNIT A - SUB ABC
2-5430	H. V. CONDUIT	BASEMENT - 10 TH
2-5130	H. V. CABLE	UNIT A - SUB ABC
2-5430	H. V. CABLE	BASEMENT - 10 TH
2-5530	H. V. CABLE	10 TH - 15 TH
5-3012	FEEDER CONDUIT / FLOOR PANELS	12 TH FLOOR
5-3021		11 TH "
5-3039		9 TH "
5-3048		8 TH "
5-3056		6 TH "
5-3064		4 TH "
6-3912	BRANCH CONDUIT - CEILING	1 ST FLOOR
?	Dry TRANSFORMER + PANEL CONNECTION	CORES 29-32
?	FEEDER CONDUIT - XIRBY PANELS -	BASEMENT - 1 ST FLOOR
5-4410	BRANCH CONDUIT - WALLS	1 ST FLOOR
5-3912	BRANCH CONDUIT - CEILING	12 TH FL.
	BRANCH CONDUIT + FIXTURES	1711 MECH. CORES

SHEEHY SCHEDULE

1-12-77

WED. 1-12-77
 BA 7TH FL - RADIATION SUPPORTS. APPROVED S 1-6010. DEMO. DHL. K.E TUNNEL
 P 4-8070. CORE WALLS - 7TH FL 4-7000. TELEPHONE SERVICE
 P 6-4215 SHARK 1ST FL L. HVAC. TEST 12TH FL.
 P RM. 3-75 - START P LATH CEIL. 12TH LINK

THUR. 1-13-77
 S 1-5310. CUT FLOOR - MAYO P 6-3820. CEIL. 2ND FLR
 PRE 5-5012 RECESS LG. 12TH FL S LEAD LINED R/LTH - 1ST FL
 P 2-2019 F.P. 1ST ST 8 W. 3-3120 ERECT. ELEV. 7,8,9
 SAN 5-3112. MISC MTL. 12TH FL 3-3110 ERECT. ELEV. 4

FRI. 1-14-77
 P 5-1212. FLR. TO CEIL WALLS. 12TH P 4-8120. CORE WALLS. COMPL. 12TH
 L 5-1812. PIPE COU. COMPL. 12TH O'B 5-0612 HORIZ DUCT COMP.
 L HVAC. COMPL ON 12TH P 6-4230 COMP. PLASTER ESCALATOR
 BA 5-2421. PREFR MTL SOFFIT SAN 5-7812. SURG. LT. SUPPORT. 12TH
 SAN 6-7815. SURG. LT SUP. 1ST FL

MON. 1-17-77
 P 5-1221 - COL. CORE WALLS - 11TH PR. ELEC. DUCT. XRAY RAS. 1ST FL ?
 PRK 1-5014. EXC. MAYO SAN 5-7821. SURG. LT. SUP. 11TH
 P 5-3812 START CEIL. 12TH FL O'B 6-0604 HORIZ. DUCT - BSMT.
 L 6-1404. HORIZ HTRUFFIN - BSMT.

TUES. 1-18-77
 SAN. ST. STL. ST. 7 W 3-5010. HYD. ELEV. SHAFT
 BA 5-2812 RAD. EXCL. 12TH PRE 5-3912. BRANCH CONDUIT 12TH
 P 5-4012. LEAD SOUND BARRIER 12TH P 6-4020. LEAD SOUND BARRIERS. 2ND FLR
 P 6-4610. DRYWALL - 1ST FL N S-TRAI
CRISONS. TO START IN 1-WK DIFHL

* 1870 - 7TH FL. Rdy FOR OWNER - JAN. 28 - 1977

U OF M

WRITTEN DIRECTION ON: NEED NOW!

1. AIR CHAMBER VAPOR BARRIER - ?
2. ELEC. DUCT. XRAY ROOMS?
3. METAL TRANS SYSTEM ? INSTALLATION?
4. UNISTRUT CHANGE ?

O'BRIEN S.M.

1. HOW ARE YOU COMING ON ALL CORES?
2. WHEN CAN WE CLOSE IN ALL CORES?
3. HORIZ DUCT. 10TH FL COMPLATE?

LAMB - FITTERS.

1. BSMT. LINE TO WEST. HAVE YOU STARTED?
WHY OR WHY NOT.
2. WHEN WILL YOU HAVE 10TH FL AIR CH. READY TO CLOSE UP ENDS?
BSMT, 10TH, 15TH?

PREMISA - ELEC

1. RECESS LT FITTERS - 12TH ?
3RD ?
2ND ?
2. LT FITTERS. AT ESCALATOR. WHEN?
SCAFFOLD WILL BE COMING DOWN!
- 3.

Plumbing

1.)	2-0390	Mech. Anchors	Core 30	10-15	Com.
2.)	2-3370	Under. mech. stack	8+9		complete.
3.)	2-3470	" " "	"		test complete.
4.)	4-2123	Plumbing core	33	10-15	
5.)	4-2128	" "	29	"	
6.)	4-2133	" "	25	"	
7.)	4-2143	" "	27	"	
8.)	4-2148	" "	26	"	
9.)	4-2163	" "	31	"	
10.)	4-2168	" "	30	"	
11.)	4-2173	" "	35	"	
12.)	4-2178	" "	34	"	
13.)	5-0412	Plumbing	Touch-in	12 th FL.	Complete.
14.)	5-0421	"	"	11 th FL.	"
15.)	5-0439	"	"	9 th FL.	"
16.)	5-0448	"	"	8 th FL.	
17.)	5-0456	"	"	6 th FL.	Complete
18.)	5-0464	"	"	4 th FL.	"
19.)	6-0402	"	"	Base. North	
20.)	6-0403	"	"	Base. South	
21.)	6-0410	"	"	1 st North	Complete
22.)	6-0412	"	"	1 st South	
23.)	6-0420	"	"	2 nd Floor	
24.)	7-0407	"	"	7 th Floor	Complete
25.)	7-0465	"	"	5 th Floor	Complete
26.)	8-0403	"	"	Base. Equip. Room	
27.)	8-0415	"	"	15 th FL. Equip. Rm.	
28.)	8-0416	"	"	16 th FL.	Complete

HEATING

1.)	4-2410	H.V.A.C.	Pipe	Core	36	1-3	Com.
2.)	4-2411	"	"	"	"	3-5	"
3.)	4-2412	"	"	"	"	5-10	"
4.)	4-2422	"	"	"	33	5-10	"
5.)	4-2423	"	"	"	33	10-15	
6.)	4-2427	"	"	"	29	5-10	Com.
7.)	4-2428	"	"	"	29	10-15	
8.)	4-2432	"	"	"	25	5-10	Com.
9.)	4-2433	"	"	"	25	10-15	
10.)	4-2443	"	"	"	27	10-15	
11.)	4-2447	"	"	"	26	5-10	Com.
12.)	4-2448	"	"	"	26	10-15	
13.)	4-2468	"	"	"	30	10-15	
14.)	4-2472	"	"	"	35	5-10	Com.
15.)	4-2473	"	"	"	35	10-15	
16.)	4-2477	"	"	"	34	5-10	Com.
17.)	4-2478	"	"	"	34	10-15	
18.)	5-1412	Horiz.	Htg.	Rough-in		12 th	Floor.
19.)	5-1421	"	"	"		11 th	Floor
20.)	5-1439	"	"	"		9 th	Floor
21.)	6-1402	"	"	"		BASE.	NORTH
22.)	6-1403	"	"	"		"	SOUTH
23.)	6-1410	"	"	"		1 st	FL. NORTH
24.)	6-1420	"	"	"		2 nd	FLOOR.
25.)	8-1403	"	"	"		BASE.	EQUIP. ROOM
26.)	8-1410	"	"	"		10 th	FL. EQUIP. ROOM

Sheet Metal

1.)	5-0612	Horiz.	Duct work	12 th Floor.
2.)	5-0621	"	"	11 th Floor.
3.)	6-0602	"	"	BASE. North
4.)	6-0603	"	"	" South
5.)	6-0610	"	"	1 st Fl. North
6.)	6-0612	"	"	1 st Fl. South
7.)	6-0620	"	"	2 nd Floor
8.)	7-0615	"	"	15 th Floor.
9.)	8-0603	"	"	sheet M-73
10.)	8-0604	"	"	sheet M-74
11.)	8-0606	"	"	sheet M-76
12.)	8-0609	"	"	sheet M-79
13.)	8-0610	"	"	sheet M-80
14.)	8-0615	"	"	15 th Fl. EQUIP. RM.

Pipe Covering

1.)	4-2840	Core	27	-	1-3
2.)	4-2841	"	"	-	3-5
3.)	4-2842	"	"		5-10
4.)	4-2845	"	26		1-3
5.)	4-2846	"	"		3-5
6.)	4-2847	"	"		5-10
7.)	4-2850	Stair	"A"		1-3
8.)	4-2851	"	"		3-5
9.)	4-2852	"	"		5-10
10.)	4-2860	Core	31		1-3
11.)	4-2861	"	"		3-5
12.)	4-2862	"	"		5-10
13.)	4-2865	"	30		1-3
14.)	4-2866	"	"		3-5
15.)	4-2867	"	"		5-10
16.)	4-2870	"	35		1-3
17.)	5-1812	Pipe Covering			12 th Floor.
18.)	5-1839	"	"		9 th Floor.

SPRINKLER FITTER

- 1.) Sleeve + insert as necessary.
- 2.) 5-1664 Horiz. Sprink. Rough-in 4th Floor.
- 3.) 6-1610 " " " 1st Fl. North
- 4.) 6-1620 " " " 2nd Floor
- 5.) 5-1656 " " " 6th Floor
- 6.) 4-1717 Fire Prot. Pipe Stair B 1-10
- 7.) 4-1738 " " " " D 10-15
- 8.) 4-1753 " " " " A 10-15
- 9.) 5-1612 Horiz. Sprink. Rough-in 12th Floor.
- 10.) 5-1621 " " " 11th Floor
- 11.) 5-1639 " " " 9th Floor
- 12.) 5-1648 " " " 8th Floor
- 13.) 5-1656 " " " 6th Floor
- 14.) 7-1665 " " " 5th Floor
- 15.) 7-1615 " " " 15th Floor
- 16.) 7-1634 " " " 14th Floor
- 17.) 7-1653 " " " 13th Floor



SHEEHY CONSTRUCTION COMPANY

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

RECEIVED

MINUTES OF JOB MEETING UNIT B/C #50
JANUARY 20, 1977

JAN 26 1977

UNIV. OF MINN.
HEALTH SCIENCE
PLANNING OFFICE

People In Attendance:

R. Magnuson	Westinghouse Elevator
J. Rudie	Campbell & Company
* R. P. Campbell	Campbell & Company
Dick Hendricks	U of M - Physical Plant
Rich Sievers	Honeywell, Inc.
Joe McCormich	U of M
Wally Mellum	U of M
Jim Fallon	U of M
* Paul Kopietz	U of M
John Scott	TAC
Herb Zeller	TAC
Greg Kujawa	U of M
Darrell Turnock	Haldeman-Homme
William Homme	Haldeman-Homme
Felix Hernandez	Mosler
Gene Kogl	U of M
Dick Carlson	HSAE
* Duane Blanchard	HSAE
Ray Anderson	Hayes Contractors
[REDACTED]	[REDACTED]
* Paul Maupin	U of M
O.W. Hughes	U of M
Jim Culligan	Premier Electric
Tyrone Berg	Wm. Poppenberger & Son
* Jack Frerichs	Wm. Poppenberger & Son
Joe Palla	U of M
Steve Greene	U of M
Dan Walgenbach	Sheehy
John Roettger	Sheehy
Ken Fick	Sheehy
John Bellair	Premier Electric
Jim Hastert	U of M

* Not Present

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

*admission, 1977
line coordinator
1/11/77*

REVIEW OF MINUTES:

- ✓1. Fick - Door openings B-116 & B-120 contain acoustical doors which open over carpeting. We need O.W. Hughes to tell us how much to have them undercut.
- ✓2. Swanson - Mod. 56-A is approved by the Hospital. *for work to proceed.*
- ✓3. Fick - Access panels - what is the status of the unit prices we submitted?
- ✓7. Bellair - HSAE was to review this and put out a revised solution. - *additional personnel equip in 2002.*
- ✓8. Culligan - pull stations have been resubmitted.
- ✓12. Hughes - I have received Mosler's drawings for submittal.

Scott - I have not received any Mosler drawings yet. We will approve the pathway first, and then concentrate on approval.

Kogl - We would like to have action on the pathway so work can continue.

Hughes - We will review it this afternoon.

NEW BUSINESS:

- ✓1. Fick - We still need written approval of our subcontractor & material supplier list.
- ✓2. Fick - I need the rest of the color schedule.

Scott - The entire color schedule has been approved except for the ambulatory surgery area. It should be out next week.

- ✓3. Fick - The mod. on East Delaware - What is its status?

Kogl - If you give us the appropriate information, I will include it in a mod. We will issue an interim mod.

- ✓4. Roettger - We are being held on floors in a number of areas either by the owner or by Premier Electric. We are unable to work efficiently without necessary information. - 1-232 & 1-235 *conditioning* - answer Feb. 7, 1977

*- 2nd floor conditioning - work to prepare a mod
- med. tech. area -*

- ✓ Swanson - They are interviewing a number of potential subcontractors for radiology equipment. *Feb. 7, 77 answer*
- ✓ Kogl - What is the hold up, is it the wall or are there other complications?
- ✓ 5. Roettger - We have a problem on stairway doors on the electric strikes. The information was given to Premier in July. I think there are problems with Premier in a number of cases.
- ✓ Bellair - I did not have the information to wire these doors.
- ✓ 6. Anderson - There is a problem on 12th floor if the finish space is to be completed ahead of time.
- ✓ 7. Bellair - There is a problem in the trough because of information from the owner. I have 33 items of communication and it is still not answered.
- ✓ Mellus - We should have a meeting with HSAE.
- ✓ Fick - It appears that the electrical engineer should be attending these weekly meetings.
- ✓ Carlson - I will take this under advisement.
- ✓ Bellair - High voltage raceway - I need more information.
- ✓ Roettger - We need electrical fixtures on 12th floor.
- ✓ 8. Rudie - We are reworking the schedule on the lower floors.
- ✓ 9. Roettger - Can we close off F-116 for demolition?
- ✓ Hendricks - We will have to look at this area.
- ✓ 10. Hughes - When can TAC and the U of M get together?
- ✓ 11. Carlson - I have gotten a letter from the State of Minnesota pertaining to elevators Nos. 5 & 6. This is about completing the hoistway construction. There has to be a reply to the State to insure compliance and I suggest that Gene Kogl send the reply.
- ✓ 12. Carlson - The shell space radiation, I would like a meeting to write a modification.

- ✓ Carlson - Mod. 50E is rejected. 64A - we are evaluating.
- ✓ Fick - I have a list of nine modifications for which we are waiting answers - Nos. 42, 51, 52, 53, 55, 58, 61, 64 and 65. These have been in for longer than a month.
- ✓ Hughes - The mechanical is to proceed with Mod. 79E.
- ✓ 13. Felix - I need approved drawings by February 1st.
- ✓ 14. Bill Homme - I need verified dimensions before Hamilton will fabricate.
- ✓ Walgenbach - If you give us a list of rooms where you need verified dimensions, our drywall subcontractor and we will have to guarantee them. The only condition where that should be necessary are for wall-to-wall dimensions.
- ✓ Homme - We need plastic laminate colors because of the lead time.
- ✓ Scott - We will try to expedite the remaining ones you do not have yet.

PREMIER WORK SCHEDULE
 JAN 26 - JAN 27

2-5130 High VOLTAGE CABLE UNIT A - Sub ABC
 2-5120 High VOLTAGE CONDUIT UNIT 17 - Sub ABC
 2-5530 High VOLTAGE CABLE 10th Sub - 15th Sub

5-3012 }
 5-3021 }
 5-3039 } FEEDER CONDUIT / FLOOR PANELS 2nd - 12th Floors
 5-3048 }
 5-3056 }
 5-3064 }

6-3912 BRANCH CONDUIT - CEILING 2nd Floor

? Dry TRANSFORMERS & PANEL CONNECTIONS CORES 29-32
 All Floors

? FEEDER CONDUIT - XRAY PANELS BASEMENT - 1st

7-3912 BRANCH CONDUIT CEILING 12th Floor
 ? BRANCH CONDUIT - FITTINGS MECH. CORES

? FIRE ALARM STAIR D 10th - 15th Fl.

NEED PAID WORKER

SANDBERG, POPPENBERGER, HARK, LINK, LINDA FITTERS

SHEEHY SCHEDULE

1-19-77

WED. 1-19-77

8A	7TH FL - RADIATION SUPPORTS. APPROVED	S	1-6010. DEMO. DHL. K.E TUNNEL
P	4-8070. CORE WALLS - 7TH FL		4.7000. TELEPHONE SERVICE
P	6-4215 SHRTK 1ST FL	L.	HVAC. TEST 12TH FL.
P	Rm. 3-75 - START	P	LATH CEIL. 12TH LINK

THUR. 1-20-77

S	1-5310. CUT FLOOR - MAYO	P	6-3820. CEIL. 2ND FLR
PRE	5-5012 RECESS L.T.G. 12TH FL	S	LEAD LINED BR LTH - 1ST FL
P	2-2019 F.P. 1ST ST 8	W.	3-3120 ERECT. ELEU. 7,8,9
SAN	5-3112. MISC MTL. 12TH FL		3-3110 ERECT. ELEU. 4

FRI. 1-21-77

CLEAN UP.

P	5-1212. FLR. TO CEIL WALLS. 12TH	P	4-8120. CORE WALLS. <u>COMPL.</u> 12TH
L	5-1812. PIPE CON. <u>COMPL.</u> 12TH	O'B	5-0612 HORIZ DUCT COMP.
L	HVAC. <u>COMPL</u> ON 12TH	P	6-4230 <u>COMP.</u> PLASTER ESCALATOR
BA	5-2421. PREFM MTL SOFFIT	SAN	5-7812. SURG. LT. SUPPORT. 12TH
SAN	6-7815. SURG. LT SUP. 1ST FL		

MON. 1-24-77

P	5-1221 - COL. CORE WALLS. 11TH	PR.	ELEC. DUCT. XRAY RAS. 1ST FL ?
POK	1-5014. EXC. MAYO	SAN	5-7821. SURG. LT. SUP. 11TH
P	5-3812 START CEIL. 12TH FL	O'B	6-0604 HORIZ. DUCT - BSMT.
L	6-1404. HORIZ HTR RUFFIN - BSMT.		

TUES. 1-25-77

SAN.	ST. STL. ST. 7	W	3-5010. HYD. ELEU. SHAFT
BA	5-2812 RAD. ENCL. 12TH	PRE	5-3912. BRANCH CONDUIT 12TH
P	5-4012. LEAD SOUND BARRIER 12TH	P	6-4020. LEAD SOUND BARRIERS. 2ND FLR
P	6-4610. DRYWALL - 1ST FL N	S-TR	<u>CRISSENS</u> - TO START IN 1-WK DIFNL

* 1870 - 7TH FL. REV FOR OWNER - JAN. 28 - 1977

Unit B/C - Construction Meeting
Notes

SHEEHY CONSTRUCTION COMPANY

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

RECEIVED

FEB 14 1977

MINUTES OF JOB MEETING UNIT B/C #51
JANUARY 27, 1977

UNIV. OF MINN.
HEALTH SCIENCE
PLANNING OFFICE

PEOPLE IN ATTENDANCE:

R. Magnuson	Westinghouse Elevator
Rich Sievers	Honeywell, Inc.
Steve Greene	U of M
Jim Hastert	U of M
Joe Palla	U of M
Wally Mellum	U of M
Ray Anderson	Hayes Contractors
Joe McCormick	U of M
R. P. Campbell	Campbell & Company
Jim Culligan	Premier Electric
* John Bellair	Premier Electric
John Rudie	Campbell & Company
Greg Kujawa	U of M
Bob Swanson	U of M
Dick Carlson	HSAE
* Duane Blanchard	HSAE
* John Scott	TAC
Gary Hall	HSAE
Gene Kogl	U of M
O.W. Hughes	U of M
Ty Berg	Wm. Poppenberger & Son
Jack Frerichs	Wm. Poppenberger & Son
John Roettger	Sheehy
Dan Walgenbach	Sheehy
Ken Fick	Sheehy
Jim Fallon	U of M
* Paul Kopietz	U of M
██████████	██████████
Dick Hendricks	U of M

* Not Present

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

REVIEW OF MINUTES:

1. Fick - What is the status of undercut of acoustical doors?

4. Culligan - The details on the plans are not clear.

Hall - I cannot review and resolve this myself. There is information coming from the user.

Hughes - Any information should be documented and routed through the owner's representatives.

Fick - Would it be appropriate for HSAE to correlate drawings and give proper direction?

Kogl - Can these problems be eliminated earlier?

Walgenbach - The light fixtures have been a problem - Why?

Hall - I feel the supplier dropped the ball.

Culligan - I agree.

5. Swanson - February 7th the radiology problem should be cleared up.

7. Hall - The trough in the radiology area was fabricated without approved drawings and it was fabricated wrong.

Mellum - This trough has to be reworked and Premier has the information to do this.

Culligan - I will look at it.

8. Roettger - Monday we will start plastering on the 12th floor. Room F-116 will have to have limited areas.

Hendricks - I will look at this.

9. Hughes - Mosler will have a foreman here Monday and their equipment is enroute.

12. Carlson - 51 electrical price. 55A mechanical price. 58 Owner evaluating.

13. Hughes - TAC is approving the drawings and though they were to have a meeting in Cambridge, they have been talking by telephone. Their foreman will cooperate to start at the easiest and best way for other primes.

Campbell - Nobody can proceed until Mosler gets here.

Anderson - I have removed some of my pipe.

Hughes - Their might be some problems by core 34 because of electrical interference.

Kogl - I suggest that contractors be prepared to move their equipment at short notice.

14. Carlson - I have no further information on color selections.

NEW BUSINESS:

1. Fick - Resilient hangers in the ceilings.

Kogl - I am still evaluating this.

2. Fick - Who is the prime co-ordinator on this project. The addenda shows the U of M as prime co-ordinator.

3. Roettger - 7th floor turn over. Is there a Mod. on this. Do you want this area now or wait until the complete work is done.

Maupin - I think we will wait and accept the 7th floor when the Mod. is complete. I will give you further information.

4. Campbell - New schedule out yesterday. The completion dates are all running late. The lower areas are on the critical path. We will have to rework some areas of the schedule.

5. Carlson - I requested copies of the Mods to the owner and myself.

6. Hastert - Mod. 59E is critical to the 12th floor. Corridor 99 mechanical needs this room.

7. Hendricks - Mod. 79E needs to proceed and we have to activate this system in April.

Hendricks - Where is access to the escalators?

Magneson - There is access to both ends.

DM

Plumbing

- 1.) 2-0390 Mech. Anchors Core 30 10-15 Com.
- 2.) 2-3370 Under. mech. stack 8+9 complete.
- 3.) 2-3470 " " " " test complete.
- 4.) 4-2123 Plumbing core 38 10-15
- 5.) 4-2128 " " 29 "
- 6.) 4-2133 " " 25 "
- 7.) 4-2143 " " 27 "
- 8.) 4-2148 " " 26 "
- 9.) 4-2163 " " 31 "
- 10.) 4-2168 " " 30 "
- 11.) 4-2173 " " 35 "
- 12.) 4-2178 " " 34 "
- 13.) 5-0412 Plumbing Rough-in 12th FL. Complete.
- 14.) 5-0421 " " 11th FL. "
- 15.) 5-0439 " " 9th FL. "
- 16.) 5-0448 " " 8th FL. "
- 17.) 5-0456 " " 6th FL. Complete
- 18.) 5-0464 " " 4th FL. "
- 19.) 6-0402 " " Base. North
- 20.) 6-0403 " " Base. South
- 21.) 6-0410 " " 1st North Complete
- 22.) 6-0412 " " 1st South
- 23.) 6-0420 " " 2nd Floor
- 24.) 7-0407 " " 7th Floor Complete
- 25.) 7-0465 " " 5th Floor Complete
- 26.) 8-0403 " " Base. Equip. Room
- 27.) 8-0415 " " 15th FL. Equip. Rm.
- 28.) 8-0416 " " 16th FL. Complete

HEATING

1)	4-2410	H.V.A.C.	Pipe	Core	36	1-3	Com.
2)	4-2411	"	"	"	"	3-5	"
3)	4-2412	"	"	"	"	5-10	"
4)	4-2422	"	"	"	33	5-10	"
5)	4-2423	"	"	"	33	10-15	
6)	4-2427	"	"	"	29	5-10	Com.
7)	4-2428	"	"	"	29	10-15	
8)	4-2432	"	"	"	25	5-10	Com.
9)	4-2433	"	"	"	25	10-15	
10)	4-2443	"	"	"	27	10-15	
11)	4-2447	"	"	"	26	5-10	Com.
12)	4-2448	"	"	"	26	10-15	
13)	4-2468	"	"	"	30	10-15	
14)	4-2472	"	"	"	35	5-10	Com.
15)	4-2473	"	"	"	35	10-15	
16)	4-2477	"	"	"	34	5-10	Com.
17)	4-2478	"	"	"	34	10-15	
18)	5-1412	Horz.	Htg.	Rough-in		12 th	Floor.
19)	5-1421	"	"	"		11 th	Floor
20)	5-1439	"	"	"		9 th	Floor
21)	6-1402	"	"	"		BASE.	NORTH
22)	6-1403	"	"	"		"	SOUTH
23)	6-1410	"	"	"		1 st	FL. NORTH
24)	6-1420	"	"	"		2 nd	FLOOR.
25)	8-1403	"	"	"		BASE.	EQUIP. ROOM
26)	8-1410	"	"	"		10 th	FL. EQUIP. ROOM.

Sheet Metal

1.)	5-0612	Horz.	Duct work	12 th Floor.
2.)	5-0621	"	"	11 th Floor.
3.)	6-0602	"	"	BASE. NORTH
4.)	6-0603	"	"	" SOUTH
5.)	6-0610	"	"	1 st FL. NORTH
6.)	6-0612	"	"	1 st FL. SOUTH
7.)	6-0620	"	"	2 nd FLOOR
8.)	7-0615	"	"	15 th Floor.
9.)	8-0603	"	"	sheet M-73
10.)	8-0604	"	"	sheet M-74
11.)	8-0606	"	"	sheet M-76
12.)	8-0609	"	"	sheet M-79
13.)	8-0610	"	"	sheet M-80
14.)	8-0615	"	"	15 th FL. EQUIP. RM.

Pipe Covering

1.)	4-2840	Core	27	-	1-3
2.)	4-2841	"	"	-	3-5
3.)	4-2842	"	"		5-10
4.)	4-2845	"	26		1-3
5.)	4-2846	"	"		3-5
6.)	4-2847	"	"		5-10
7.)	4-2850	STAIR	"A"		1-3
8.)	4-2851	"	"		3-5
9.)	4-2852	"	"		5-10
10.)	4-2860	Core	31		1-3
11.)	4-2861	"	"		3-5
12.)	4-2862	"	"		5-10
13.)	4-2865	"	30		1-3
14.)	4-2866	"	"		3-5
15.)	4-2867	"	"		5-10
16.)	4-2870	"	35		1-3
17.)	5-1812	Pipe Covering			12 th Floor.
18.)	5-1839	"	"		9 th Floor.

SPRINKLER FITTOL

- 1) Sleeve + inset AS NECESSARY
- 2) 4-1717 Fire Prot. STAIR B 1-10 Complete
- 3) 4-1738 " " " D 10-15 "
- 4) 4-1753 " " " A 10-15 "
- 5) 5-1612 Horiz. SPRINK Rough-in 12th Complete
- 6) 5-1621 " " " 11th "
- 7) 5-1639 " " " 9th "
- 8) 5-1648 " " " 8th "
- 9) 5-1656 " " " 6th "
- 10) 5-1664 " " " 4th "
- 11) 6-1602 " " " BASE. NORTH
- 12) 6-1610 " " " 1st FL. NORTH
- 13) 6-1620 " " " 2nd FLOOR
- 14) 6-1630 " " " 3rd FL. Complete
- 15) 6-5630 SPRINKLER FINISH 3rd FL.
- 16) 7-1665 Horiz. SPRINK. Rough-in 5th Complete
- 17) 7-1607 " " " 7th "
- 18) 7-1615 " " " 15th "
- 19) 7-1634 " " " 14th "
- 20) 7-1653 " " " 13th "
- 21) 8-1615 " " " 15th FL. EQUIPMENT.

NEED MAN POWER - Reformberger, Pinedt, Amley, Lamb Fitters

CRASH SCHEDULE

1-26-77

WED. 1-26-77

WALLY? 4-7-00. TELEPHONE SERVICE 7TH FL HALL DOORS
1-5014. EXC. MIND (CUB) 1-25-4205. FLOORING?
P 2-2150. F.P. 15TH HALL 7TH FL LINK - WALL. 2-25 HALL

THUR. 1-27-77

BA-L RADIATION COMPLETE P. 6-4615. PAVING - 1ST FL. EAST
P. 5-1221. COL + CORE WALLS 11TH L. B. 14000. SYMPTOM. BOARD
P. 4-8110. CORE WALLS 11TH

FRI. 1-28-77

WILL BE LATE

* 7TH FL. HALL FLOOR

LAMB - WHEN WILL CHANGE WALLS?

LEAD UP

BA. 5-2412. MET SOFFIT. LING 4P
PR. 5-4312. BRACK WIRE. 12TH

MON 1-31-77

1-5026. START CHASING WALL P. - TAPER - START STAIRS
BA. 5-2421. MET SOFFIT START 11TH "S" 1ST FL ST 7
BA. 5-2812. RAB. ENCL. 12TH FIN "S" 8-5710. LOCKERS
P 5-4012. LEAD BARRIER. 12TH FL

TUES. 2-1-77

1-5018. COMP. LACING - MIND BA-L. O.B. COMPLETE WORK ON 7TH
4-8090. CORE WALLS 9TH
LEO 11TH FL. PIPING COILS

WED 2-2-77

1-5040. ROCK EXC. MIND
"S" H.M. FRAMES - 12TH FL

MON 2-7-77

BA. 5-2434. MET DEF. 9TH
"S" - ENCLOSE. ST. 7 (HT. CR.)

THUR. 2-3-77

(CUB) 5-6621. HALL DUCT 11TH

TUES. 2-8-77

3-5010. HALL FLOOR
P 5-55-1. CEIL START 11TH
P 5-4212. PLESTER CEIL
P 5-4012. BRACK 12TH FL
(CUB) HALL DUCT 9TH FL START

FRI. 2-4-77

P 5-3012. CORR. CEIL 12TH

"S" 1-3990 3RD FL ST. 7
7TH FL. RABBY FOR COVER
WALLY - WHEN ARE YOUR LAST FLOORS?



SHEEHY CONSTRUCTION COMPANY

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

MINUTES OF JOB MEETING UNIT B/C #52
FEBRUARY 3, 1977

PEOPLE IN ATTENDANCE:

R. Magnuson	Westinghouse Elevator
Dick Hendricks	U of M - Physical Plant
Paul Maupin	U of M
Bill Homme	Haldeman-Homme
Jim Culligan	Premier Electric
Dick Carlson	HSAE
*John Scott	HSAE
*Duane Blanchard	HSAE
Gene Kogl	U of M
John Rudie	Campbell & Company
Ray Anderson	Hayes Contractors
R. P. Campbell	Campbell & Company
Joe McCormick	U of M
Jim Hastert	U of M
Joe Palla	U of M
Wally Mellum	U of M
Steve Greene	U of M
John Bellair	Premier Electric
O. W. Hughes	U of M
Bob Swanson	U of M
Jack Frerichs	Wm. Poppenberger & Son
Tyrone Berg	Wm. Poppenberger & Son
Rich Sievers	Honeywell, Inc.
Dan Walgenbach	Sheehy
John Roettger	Sheehy
*Ken Fick	Sheehy
Jim Fallon	U of M

*Not Present

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

* B-116 & B-120 is the
corner in these rooms.

CORRECTIONS OF MINUTES:

- ✓4. Culligan - The details of the electrical and architectural plans are not clear.
- ✓8. Hendricks - I would like to have Room F-116 held off until next Wednesday.

REVIEW OF MINUTES:

- ✓1. Kogl - There will be a Mod. out on the resilient hangers.
- ✓2. Kogl - The addendum strikes the prime co-ordinator out in 2 places. I don't feel this has changed anyone's position as per the contract documents. The owners will come into the picture as co-ordinator when there is a disagreement.

The General Contractor should establish the overall schedule and give other primes adequate notice. (Proceeding is taken from Sec. 01010.1.39 Pars. B.E.F.)

Carlson - The duties and responsibilities of each prime contractor will be as per plans and specifications.

- ✓3. ~~Carlson~~ ^{SUMMON} - There will be a Mod. on the seventh floor and the owner will accept the floor after the Mod. is ~~complete~~ ^{CONDUCTED} ~~WORK.~~
- ✓4. Campbell - We have a rerun of data January 31, 1977 and have made an improvement on floors 11 & 12. There will be a further schedule on the lower floors later.
- ✓7. Hendricks - Any work that has to be done on the air ~~handling~~ ^{CONDITIONING} system in Unit A has to be done by April.

Anderson - Premier should expedite ^{MOVING CONDENSED} air ~~degree~~ units.

NEW BUSINESS:

- ✓1. Roettger - Color schedule, plastic laminate.
 - ✓Kogl - I thought TAC had a meeting to do this yesterday. Get the critical colors out.
- ✓2. Roettger - Mod. 69 - We need this Mod. answered. (~~quoted~~ ^{25,807.00})
 - ✓Carlson - We are evaluating this.
- ✓3. Roettger - The Brandt-Airflex closure panel ^{MOCK-UP} ~~markup~~ will be next Thursday and we need an immediate decision.

MFB. 2:30 FEB. 10, 77 5th Fl

- ✓4. Roettger - There is a problem in the unistrut rooms 240 - 242 - 243.
- ✓Anderson - This item has been taken care of.
- ✓5. Culligan - Telephone layouts, can these be put in as per the drawings?
- ✓Mellum - I am reviewing this now.
- ✓Culligan - This is for the 12th floor and I would like an answer for the entire building.
- ✓6. Roettger - What about 12th floor plastering in regard to the fixtures?
- ✓Culligan - We will make a template and install our fixture later.
- ✓7. Bellair - Item 7 of last week's minutes state that the trough was fabricated wrong, I think this is in error.
- ✓Mellum - There are problems in this area due to access to the tray.
- ✓Bellair - That tray was manufactured and installed as per instructions received.
- ✓Mellum - The tray was installed without approved shop drawings.
- ✓Kogl - I think we need a meeting to resolve this.
- ✓8. Homme - We need a keying schedule for L.S.I. casework from the owner or architect.
- ✓Homme - Hamilton casework will be finished in late February for 12th and 11th floors.
- ✓Hughes - Will this include the countertops?
- ✓Homme - Yes it will.
- ✓9. Anderson - I have looked at the schedule and I think it is possible.
- ✓10. Hughes - The offices of Unit A on the 16th floor will be available on the 25th of February.
- ✓11. Carlson - Submittals that are needed: X-ray accessories, precast concrete west area, Paul's Woodcraft, and Curtainwall automatic doors.
- ✓Carlson - There are some conflicts on 11th and 12th floors that are being worked on in the ceiling area.

HAMILTONS FILED LSI &
REVIEWING WHEN
SCHEDULE IS
RECD,

PREMIER WORK SCHEDULE

FEB 3 - FEB 9, 1977

WORK ITEM

2-5440	HIGH VOLTAGE TERMINATIONS	SUB ST. - 5 TH
5-3412	FEEDEW WIRES + CONNECTIONS	12 TH FLOOR
5-3421	FEEDEW WIRES + CONNECTIONS	11 TH FLOOR
5-3439	FEEDEW WIRES + CONNECTIONS	9 TH FLOOR
5-3712	BRANCH CONDUIT - CEILINGS	12 TH FLOOR
5-4412	BRANCH CONDUIT - WALLS	12 TH FLOOR
5-4312	BRANCH WIRE - CEILINGS	12 TH FLOOR
5-4512	BRANCH WIRE - WALLS	12 TH FLOOR
5-4410	BRANCH CONDUIT WALLS	1 ST EAST
5-4420	BRANCH CONDUIT WALLS	2 ND FLOOR
8-7503	CONNECT EM. GENERATOR	BASEMENT
8-7510	CONNECT EM. GENERATOR	10 TH FLOOR
8-7515	CONNECT EM. GENERATOR	15 TH FLOOR
	FIRE ALARM CONDUIT	9 TH + 11 TH FLOOR
	DRY TRANSFORMER + PANEL CONNECTIONS	CORES 29, 31, 32
	HIGH VOLTAGE Y SPLICES	10 TH FLOOR

PREMIER WORK SCHEDULE
FEB 3 - FEB 9, 1977

WORK ITEM		
2-5440	HIGH VOLTAGE TERMINATIONS	SUB ST. - 5TH
5-3412	FEEDER WIRES + CONNECTIONS	12TH FLOOR
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5-3439	FEEDER WIRES + CONNECTIONS	9TH FLOOR
5-3912	BRANCH CONDUIT - CEILINGS	12TH FLOOR
5-4412	BRANCH CONDUIT - WALLS	12TH FLOOR
5-4312	BRANCH WIRE - CEILINGS	12TH FLOOR
5-4512	BRANCH WIRE - WALLS	12TH FLOOR
5-4410	BRANCH CONDUIT WALLS	1ST EAST
5-4420	BRANCH CONDUIT WALLS	2ND FLOOR
5-7503	CONNECT E.M. GENERATOR	BASEMENT
5-7510	CONNECT E.M. GENERATOR	10TH FLOOR
5-7515	CONNECT E.M. GENERATOR	15TH FLOOR
	FIRE ALARM CONDUIT	9TH + 11TH FLOOR
	Dry TRANSFORMER + PANEL CONNECTIONS	CONES 29, 31, 32
	HIGH VOLTAGE Y SPLICES	10TH FLOOR

SHEEHY SCHAFFNER

2-2-77

MANPOWER NEEDED, BRASS ANGLE - PREMIER - LAMIN FILTERS

WED. 2-2 P. TAPER. ST. STAIRS + FLOOR WALLS. HORIZ TRNS. SYSTEM - 1ST FL
PRINTING. CELL AT ESCALATOR + 7TH FL. P 6-3820 - CELL - 2ND FL. OLG TIRDOWN
P 6-1212 - DRYWALL - 1ST FL.

THUR. 2-3 WALL FORM - ST 7 S H. MPT FRAMES - SET ON 12TH
POUR 1-6100 ST CONCRETE. (6-WRS) DIENL TUNNEL OB HORIZ. DUCT - 1ST FL MADE
P 5-4212. COMP STAIRS - 12TH FL
P 6-1212 CORE WALLS 1ST FL

FRI. 2-4 BA 5-2512 - RAD. SUPPORTS 12TH FL. COMP. P 6-4220. STAIRS. O-6 2ND FL.
CLEANUP P 5-4012 - LEAD SOUND BARR. 12TH FL OB HORIZ DUCT. 2ND FL MADE
P 5-1234 - COL + CORE ENCL. 9TH FL

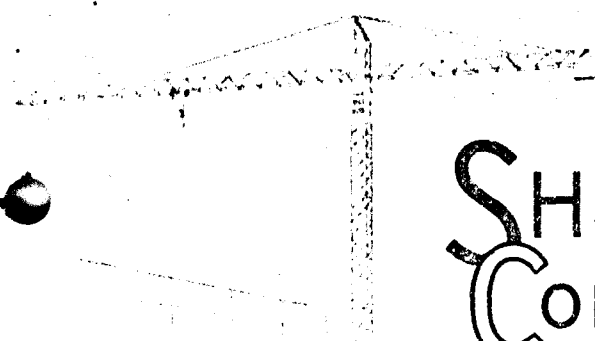
MON. 2-7 S 1-3170 - POUR 1ST FL ST 7 PRE - 7TH FL. HANG DOORS.
P 6-3810 - INT. CEIL. SUPP. 1ST FL EAST E-6-1210 - PIPE COVER EAST 1ST FL
SUNRISE 5-5612 - SPRINK. DROPS. 12TH FL
OBIL 5-0621 - HORIZ DUCT 11TH + COILS

TUES. 2-8 P 1-5040 - COMP. REEF ELEC MAYO. X 5-4612 - DRYWALL - 12TH FL
P 5-3512 - PLASTER 12TH FL CEIL
P 5-1248 - COL + CORE ENCL 8TH FL
STAN WIRE PART. ELEC RITS

WED. 2-9 S 1-5050 - ST. FOOTINGS. MON. 2-14 1-5051 - COL. MAYO.
5-0634. S; HORIZ DUCT. 9TH FL

THUR. 2-10 PA 5-2621 - RAD SID. 11TH. THURS. 2-15 2-3360 - UNDER GUNNING 11TH ST 7
P 6-4210 STAIRS. 1ST FL (HYD. FLOOR SHAFT)

FRI. 2-11 P 5-3821 - ST CEIL - 11TH FL
P 5-1256 - COL + CORE ENCL. 6TH 11TH FL 5-5412
5-5421 - COMP. FLR. ST. MAR. 15TH
CASEWORK - 12TH FL. 4. START APRIL 15, 77



SHEEHY CONSTRUCTION COMPANY

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

MINUTES OF JOB MEETING UNIT B/C # 53
FEBRUARY 10, 1977

PEOPLE IN ATTENDANCE:

R. P. Campbell	Campbell & Co.
Rich Sievers	Honeywell
Joe McCormick	U of M
Steve Greene	U of M
Bill Homme	Haldeman-Homme
Darrell Turnoch	Haldeman-Homme
Gene Kogl	U of M
Ray Anderson	Hayes Contr.
Greg Kujawa	U of M
Paul	U of M
O. W. Hughes	U of M
Jack Frerichs	Wm. Poppenberger
Tyrone Berg	Wm. Poppenberger
R. J. Carlson	HSAE
* Duane Blanchard	HSAE
* John Scott	TAC
Jim Fallon	U of M
* Paul kopietz	U of M
Dick Hendricks	U of M Physical Plant
Paul Maupin	U of M
Jim Hastert	U of M
Wally Mellum	U of M
Joe Palla	U of M
Ken Fick	Sheehy
Dan Walgenbach	Sheehy
John Roettger	Sheehy

* Not Present

REVIEW OF NEW BUSINESS

- ✓ Item 1 - Fick - Schedule for color and plastic laminate. These schedules are very critical.
- ✓ Kogl - Can HSAE get the critical colors out? TAC should be able to get these color selections to us quicker than in 2 weeks.
- ✓ Carlson - If there are any particular colors that you need, please contact me.
- ✓ Item 2 - Fick - Mod. 69 - what is the problem with this modification?
- ✓ Carlson - We have passed the prices on to the hospital.
- ✓ Item 3 - Roettger - There are electrical problems on rooms 240, 242, 243, 232, and 235.
- ✓ Mellum - There are still cable tray problems in these rooms.
- ✓ Bellair - Put this on a drawing and we will build these. Gary Hall and Culligan and Mellum were supposed to isolate these trouble areas and Hall was to draw these prints.
- ✓ Kogl - Can you check on whether Hall is making these drawings?
- ✓ Item 4 - Bellair - The telephone layouts are resolved for the 12th and 11th floors.
- ✓ Item 5 - Homme - We still need the keying schedule for L. S. I.
- ✓ Swanson - We will have it for you by next week. *OUT TO ARCH. 2/17/77*
- ✓ Item 6 Campbell - We are going to cut crew ties on the West area.
- ✓ Roettger - There are many areas where we could increase poppenberger's crew if the other primes would cooperate.
- ✓ Kogl - Let's set up a meeting to resolve this.
- ✓ Fick - I would like Poppenberger to give us a manpower schedule to complete the job on time.
- ✓ Campbell - Let us follow the schedule.
- ✓ Hughes - I think we need more foreman's meetings between primes to get this done.

PRICES SEEM TO BE HIGH

REVIEW OF NEW BUSINESS - CONTINUED

- ✓Item 7 - Campbell - Are there any approvals or samples not in which will hold up the job? If there are any, please get them in and let me become involved.
- ✓Fick - Does HSAE need any further samples from Sheehy?
- ✓Carlson - I think they are all in now.
- ✓Item 11 Carlson - There were some problems up there on 11th and 12th but this is being handled by Ray Anderson and Jim Hastert.

NEW BUSINESS

- ✓Item 1 - Fick - Sonicbar acoustical doors B-116 and B-120, what is the undercut to be to allow for the carpeting?
- ✓Hughes - The design department cannot make up its mind. (CALL LUIS)
1" UNDERCUT.
- ✓Kogl - I would like HSAE to check on this and advise. 3A APPROVED BY LUIS
BY TEL. 2/17/77 WILL
PROVIDE A
LETTER TO
HSAE. RS.
- ✓Item 2 - Fick - We must have color selections immediately for the composition seamless flooring and conductive seamless flooring.
- ✓Item 3 - Frerichs - All material for the integrated ceiling is on the job. We now have new quotes from L.O.K. for any material added. If one piece of grid is added, there is a set-up charge and a minimum purchase price. It would be much to the owner's benefit if all future ceiling changes could be incorporated into one modification - otherwise we cannot help the charges we must make on each appropriate modification.
- ✓Item 4 - Fick - The unit prices on the access panels-I understand they are now approved.
- ✓Hughes - I have reviewed this with Poppenberger and will accept these prices with further breakdown.
- ✓Item 5. Fick - We appreciate the prompt payment by the owner each month.
- ✓6. Roettger - I have a new work schedule out and the slab on stack 7 is delayed for 2 weeks.
- ✓Mellum - The imbedded items in the slab will be as per plans and specifications.
- ✓Hughes - There are some problems on this but we will check this area.

- ✓Item 7 - Bellair - Mod. 45 was submitted 6 months ago and we have had many meetings on it. Now this mod. has changed again. This is on the transfer switches and I need them for permanent power.
- ✓Mellum - I am aware of the meeting and the mod. was to be rewritten.
- ✓Fick - We have just received from HSAE a copy of a letter which pertained to this mod. Because of its long range ramifications. I would think that this mod. should be settled promptly.
- ✓Carlson - Who changed it, the owner?
- ✓Bellair - I don't know.
- ✓Campbell - Will this hold up permanent power?
- ✓Bellair - We can bypass these switches.
- ✓Item 8 - Campbell - We have not improved on the mod. situation.
- ✓Item 9 - Walgenbach - The work for Mod. 94 in the S. E. Corner of the 11th floor will have to be treated separately from the rest of the work on the floor. The area is on "Hold" until the mod. is settled.
- ✓Kog1 - Figure this as a special Mod. and price it as out of sequence for material and time. It should be priced out both ways (1) if work is done and (2) if price is not accepted and work as originally shown is done.
- ✓Item 10 - Carlson - Mods. for signature 74P -77P-78. We are going to issue 3 other mods. for quotation 94P-95P-96P.
- ✓Item 12 - ^{HUGHES} Hughes - Rooms ~~1-235~~¹⁻²³² and 235 are on a "hold" but we will try and work it out with field orders.
- ✓Item 13 - Hughes - Mosler has their material, and there are going to be 2 catagories. One is where the MTS system is going in as per drawing sheet M-48 and all contractors should clear that area immediately. This is in stacks 4 and 5 & 8. The other part will be by partially revised location and elevation. There is a meeting at 3PM Monday afternoon and we will make a survey to give you all obstructions. Drawings are in the mail for distribution.
- ✓Kog1 - The vertical is that taken care of?
- ✓Hughes - I think this is taken care of except for fire dampers.

✓Roettger - The openings in the floor for M.T.S. are not all in the correct locations.

✓Item 14 - Homme - Hamilton will be in on Feb. 23rd with their representative for a meeting here.

✓Item 15 - Hendricks - Have you blocked K & E Tunnel?

Roettger - We will do it this afternoon.

✓Item 16 - Fallon - All primes please be sure to get any supplementary breakdowns requested in for mods. not settled yet so as not to delay their resolution further. Also whenever responding to a mod. be sure to send a copy to E. A. Kogl - this will help speed up our acting on it.

Premier Schedule
 Feb 10 - Feb 17 - 1977

W. I

High Voltage Cable from Unit H to Sub YABC
 High Voltage Splices 10th Floor

2-5130

Branch Conduit Ceilings

5-3921

Branch Conduit Walls

5-4412

Branch Conduit Ceilings

5-3919

Branch Conduit Ceilings

5-3922

Branch Conduit Walls

5-4120

Conduit Stack 7

5-3170

Feeder Wires + Connections

7-3415

Floor Panels

5-4312

Branch Wire Ceilings

5-4512

Branch Wire Walls

8-7523

Conduit Emer. Gen.

Basement

12th Floor

12th Floor

9th Floor

15th Floor

1st Floor

2nd Floor

2nd Floor

1st Floor

12th Floor

11th Floor

SHEEHY SCHEDULE

2-9-77

WED - 2-9	P. TAPER - STAIRS - FULL HT WALLS * P. 5-3512 - PLASTER 12TH FL CEIL P. CORE FRONTS - 8-6-5-4-3 (6 WKS) PARK. 1-6100. CAISSONS DIAL TUNING PL	6-3810 P. INE CEIL - 1ST FL EAST S. H MET FRAMES SET ON 12 PREP. WALL FORM ST. 7 B.A. 5-2512. RAD SUP 12TH COMPL
THUR. 2-10	* P. 5-4612 - DRYWALL - 12TH LNK HORIZ TRANS. SYS. 1ST FL 6-1212. FLR TO DECK DRYWALL 1ST O'B - HORIZ DUCT 1ST + 2ND MDSE.	BR. AIR. GASKET SAMPLE P. 6-4220. ST 403. O-6. 2ND FL B.A. 5-2521 RAD. SUP. 11TH FL HEAT ON - ST. "7"
FRI - 2-11	PR. 1-5040 - COMP. ROCK EXC MAYO S. 1-3170. <u>POUR</u> 1ST FL ST 7 O'B.L. 5-0621. HORIZ DUCT ^{6 COND.} 11TH FL EAS. PIPE COVER. 11TH FL. AHEAD OF CEIL	P. 5-1239. COL & CORE ENCL 9TH FL P. MET. CEIL PANELS NEEDED L. RADIATION. 11TH FLOOR B.A. 5-2812. RAD. ENCL. 12TH FL
MON 2-14	S. 1-5050 - FOOTINGS. MAYO 5-0639 O'B.L. 9TH FL. DUCT - INSTALL P. 5-3821. CEIL. 11TH FL BR AIR. INCREASE CREED TODAY OR WE WILL DO IT FOR YOU!	P. 6-4210. STAIRS. 1ST FL EAST B.A. - RPO. 9TH FL PRE. 5-4312. BR WIRE CEIL
TUE 2-15	EAS. 6-1810 - PIPE COVER 1ST ST 9 L - 2-3360 - UNO GRO PLUMB ST 7 P. PLASTER TOILET RMS. 12TH FL	PRE - 5-4511. BR WIRE WALLS PRE - CABLE TRAY? POUR. WALL ST. 7
WED	WH. HYD FLUO SHAFT 1-5051 - COL MAYO	MON. WALLS. MAYO - TO START
THUR.	P. 5-4012 LEAD. 12TH FL	TUES POUR WALL. ST. 7. WEST
FRI.	(CLEAN UP DAY) CASEWORK - 11 & 12TH FL TO START APRIL 15, 77	

DW

PLUMBING

- 1) 6063 FAB. Del. Deionized water valves - complete
- 2) 6113 FAB. Del. Fuel oil valves - complete
- 3) 6153 FAB. Del. Thermometers - complete
- 4) 6163 FAB. Del. Pies. Gauges - complete
- 5) 6403 FAB. Del. Plumbing fixtures complete
- 6) 6503 FAB. Del. LABORATORY fixtures
- 7) 4-2123 - 4-2178 All cases 10-15-
- 8) 6-0419 Horiz. Rough-in stack 3 1st Floor
- 9) 6-0428 Horiz. Rough-in stack 8+9 2nd Floor.
- 10) 8-0415 Horiz. Rough-in 15th Floor Equip. room
- 11) sleeve + insert AS NECESSARY
- 12) 8-0416 Horiz. Rough-in 16th FL. - complete
- 13) IN WALL work on the 12th Floor.
- 14) IN WALL work on the 11th Floor.
- 15) IN WALL work on the 1st Floor stacks 0-6
- 16) IN WALL work on the 2nd Floor.
- 17) LAYOUT in MAYO Hosp.
- 18) R. W. Leaders From Diet. Hall to unit B/C

Heating

- 1) 4-2423 - 4-2478 Cores 10-15
- 2) 5-1421 - Horiz. Heating 11th Floor.
- 3) 5-2612 - Heating Finish 12th Floor.
- 4) 5-2812 - Radiation enclosure - 12th Floor
- 5) 6-1419 Horiz. Rough-in 1st Floor Stack 8
- 6) 6-1422 Horiz. Rough-in 2nd Floor Stack 8+9
- 7) 7-1415 Horiz. Rough-in 15th Floor.
- 8) 8-1403 A Heating MAINS - BASE. EQUIP. ROOM
- 9) 8-1410 A " " " " 10th FL. " "
- 10) 8-1410 B STANDS + EQUIP 10th FL. EQUIP ROOM.
- 11) 8-1415 A HEATING MAINS 15th FL. EQUIP. ROOM
- 12) Sleeve + insert AS NECESSARY

Sheet METAL

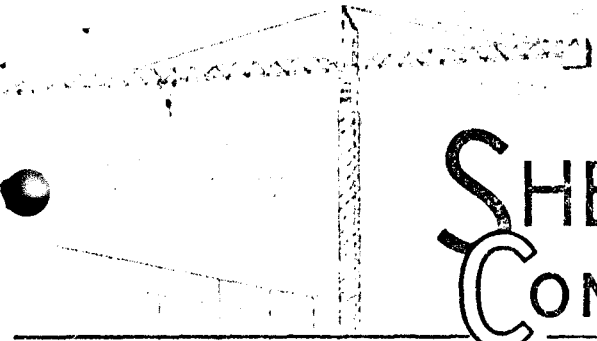
- 1) 4-603 FAB. Del. AIR FILTRATION EQUIP.
- 2) 4-1423 - 4-1478 - Cores 11-15
- 3) 5-0621 - Horiz. Duct work 11th Floor
- 4) 5-0639 - " " " 9th Floor.
- 5) 6-0619 Horiz. Duct work 1st Floor Stack 8
- 6) 6-0628 " " " 2nd Floor Stacks 8+9
- 7) Sleeve + insert AS NECESSARY
- 8) 8-0603 } BASEMENT EQUIP. ROOM
- 9) 8-0604 }
- 10) 8-0606 }
- 11) 8-0609 } 10th FL. EQUIP. ROOM
- 12) 8-0610 }
- 13) 8-0615 15th FL. EQUIP. ROOM

Pipe Covering

- 1) 4-2833 - 4-2878 cores 10-15th Floors
- 2) 5-1821 - Pipe covering 11th Floor.
- 3) 5-1839 - " " 9th Floor
- 4) 6-1819 " " 1st FL. STACK 8
- 5) 6-1822 " " 2nd FL. STACKS 8+9

Sprinkler Fitters

- 1) 8-1615 Horiz. Rough-in 15th FL. Complete.
- 2) 8-1603 " " Base Equip. Room
- 3) 8-1610 " " 10th FL. Equip. Room



SHEEHY CONSTRUCTION COMPANY

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

MINUTES OF JOB MEETING UNIT B/C #54
FEBRUARY 17, 1977

PEOPLE IN ATTENDANCE:

R. Magnuson	Westinghouse Elevator
* Dick Campbell	Campbell & Company
John Rudie	Campbell & Company
Paul Maupin	U of M
Ray Anderson	Hayes Contractors
Joe McCormick	U of M
Joe Palla	U of M
Wally Mellum	U of M
Jim Hastert	U of M
Dick Hendricks	U of M - Physical Plant
Greg Kujawa	U of M
Jim Culligan	Premier Electric
John Bellair	Premier Electric
Gene Kogl	U of M
John Patterson	TAC
Bob Shannon	U of M
Dick Carlson	HSAE
* Duane Blanchard	HSAE
* John Scott	TAC
O.W. Hughes	U of M
* Felix Hernandez	Mosler
* Al Marchese	Mosler
Jim Lang	Wm. Poppenberger & Son
Jack Frerichs	Wm. Poppenberger & Son
* Tyrone Berg	Wm. Poppenberger & Son
Steve Greene	U of M
Jim Fallon	U of M
* Paul Kopietz	U of M
Rich Sievers	Honeywell, Inc.
John Roettger	Sheehy
Dan Walgenbach	Sheehy
Ken Fick	Sheehy

* Not Present
MAILING ADDRESS: P.O. BOX 3570 (55165)

REVIEW OF NEW BUSINESS:

- ✓1. Fick - The balance of the plastic laminate schedule, is it out?
- ✓Carlson - T.A.C. has a representative here to supply the missing items.
- ✓2. Hughes - I feel there should be more field meetings to discuss field-related problems. I think perhaps this meeting should have notes taken.
- ✓Roettger - We have scheduled walk-thru the building and conference on Friday afternoons.
- ✓3. Bellair - The meeting on rooms 210, 242, 243, 232, and 235 was held and Gary Hall is revising the drawing.
- ✓Item 1. Carlson - The owner should give this information since they will be deciding what thickness the carpet will be, (this is on the undercut of acoustic doors).
- ✓Kogl - Bob Swanson will find out. **3/4" OK**
- ✓Item 7 - Bellair - Mod. 45 is in the mail now. I have also released the transfer switches, any further changes will be field modified.
- ✓Item 10 - Carlson - Mod. 69 the price is too high. I would like to review this further.
IN TO HCAFE & KOGL 2/24/77
- ✓Kogl - Let's discuss this after this meeting.
- ✓Item 12 - Green - I have given the wall layout to Sheehy on rooms 232 & 235.
- ✓Item 13 - Hughes - Unless critical material for Mosler arrived today there could be a hold up in their work. The contractors are removing obstructions and the problems are being worked out. The drawings for the slab openings will be here next week.

NEW BUSINESS:

- ✓1. Roettger - There is some damage to the low roof and there are some areas that will have to be cut out and redone before the roofer will guarantee it. The roofer has pictures of the affected areas and the guilty contractors will have to pay for the repairs made. Each contractor is again hereby notified that this type of roof requires more protection before setting material on it than the usual built-up roof. Please be sure to take special precautions in this regard.
- ✓Greene - This type of roof is damaged very easily.

NEW BUSINESS CONT'D.

- ✓2. Roettger - We have received the go ahead and there is no problem with the owner-furnished equipment.
- ✓Swanson - I will check it again but I feel there is no problem. ✓
- ✓3. Bellair - The 10th floor connections to the Joy fans has never been clarified.
- ✓4. Hughes - We will be leaving out the machine slab on elevator #1.
- ✓Carlson - I will review this situation.
- ✓5. Hendricks - Are there any extra wires in the traveling cable? How many extra are there?
- ✓Magnuson - There are generally 10% extra.
- ✓6. Bellair - Are there any plans for the allowance? I have one I believe for radiation.
- ✓Maupin - This allowance is for hook-up of equipment.
- ✓7. Fick - We are waiting for decisions on Mods 58, 66, 69, 70 & 73 all of which [✓]₇₆ were submitted more than one month ago.

PREMIER ELECT.

WORK SCHEDULE

2-17-77 - 2-24-77

W.I

2-5220	-	HIGH VOLTAGE TERMINATIONS - SPLICES	SUBS 4ABC
2-5450	-	HIGH VOLTAGE TERMINATIONS + SPLICES	SUB 5A
5-3921	-	BRANCH CONDUIT CEILINGS	11 TH FLOOR
5-4312	-	BRANCH WIRE CEILINGS	12 TH FLOOR
5-4421	-	BRANCH CONDUIT - WALLS	11 TH FLOOR
7 ?	-	FIRE ALARM CONDUIT	11 TH FLOOR
6-3910	-	BRANCH CONDUIT - CEILING	1 ST FLOOR E.
6-4410	-	BRANCH CONDUIT - WALLS	1 ST FLOOR E
6-4420	-	BRANCH CONDUIT - WALLS	2 ND FLOOR C-6
5-2739	-	FEEDER PANELS - CORE WALLS	9 TH FLOOR
6-2002	-	CABLE TRAY	BASEMENT
8-6303	-	INSTALL MOTOR CONTROL CENTERS	BASEMENT
		CONDUIT - SLAB	1 ST FLOOR ST. 7

DIETER

SHEEHY SCHEDULE

2-16-77

WED. 2-16-77

- 5-4612 - DRYWALL - 12TH CONT.
- 5-3821 CEIL 11TH START
- 1-3470. POUR 3RD ST. "7"

- 5-0639 - HOR DUCT. 9TH
- 5-2512 - RAD. SUPPORTS. 12TH FL
- 6-4210. STUDS. 1ST FL EAST

THUR 2-17-77

- CORE FRTS - COMPL. 8TH
- 6-3810. 1ST FL CEIL CONT.
- H. MBT FRAMES - SAT ON 11TH & 1ST

- HORIZ TRANS SYSTEM - 1ST FL S. 39
- 5-4312 - BR WIRE CEIL 12TH
- 6-1822 - PIPE COU - 2ND FL ST. 8 & 9

FRI. 2-18-77

- CLEAN CORE FRTS. START 6TH
- "UP" COMP. Exc. EW LINE MAYO
- BRNDT AIR. RAD SUP. 11TH

- 5-3512 - LATH & PLASTER 11TH FL
- PIPE COVER - 11TH FL
- POPP. MET. CEIL PAN - 12TH FL

MON 2-21-77

- 1-5050 - FTGS. MAYO
- 5-2812 - RAD. ENCL. 12TH
- 6-1212 - FLR TO DECK DRYWALL - 1ST

- 5-4012. LEAD. 12TH FL
- PLASTER. TOILET RMS. & LINK 12TH
- 6-1810 - PIPE COU. 1ST FL ST. 8 & 9

TUES. 2-22-77

- 1-5040. COMP ROCK Exc. MAYO
- 6-4220. DRYWALL. ST. O. G. 2ND FL
- 8-7110. CONNECT MOTORS - 10TH FL

- POUR WALL - ST. 7 - S-47
- POUR 1ST FL ST. "7"

WED. 2-23-77

- 1-5051 - COL. EW LINE

MON 2-28-77

- 6-1810 - PIPE COVER - 9TH FL

THUR. 2-24-77

- INSULATE - SKIP SHAFT

TUES. 3-1-77

- 5-4221. STUDS. 11TH FL

FRI 2-25-77

- 5-0639. HORIZ DUCT 9TH
- 4/15/77 - CASEWORK 11 & 12 FLAS

- HYD. ELEV SHAFT

- PERM. POWER

- 4/1/77 - COMP. FLR - 11 & 12TH FL

CLEAN "UP"

A PRIME ENERGY WASTER

"CHRONIC INDECISION"

THURSDAY MEETINGS

ENDLESS HOURS OF DISCUSSION,
ARGUMENT, + POSTPONEMENT OF
PROBLEM TOPICS, RESULTING IN
NO DECISION, ARE EXHAUSTING.

ALMOST ANY DECISION IS OFTEN
BETTER THAN NONE.

* Paint schedule next week. * plastic laminate colors should be to TAC all color.

Patterson colors.

Schedule into on 1/15/77

- no more mods. should be fine ✓

- status mod. { 69P ✓ with hospital - Hospital buy it or not by status.
 76P ✓
 94P ✓
 70P ✓
 55A ✓
 96P ✓
 }
 [Need - need to mod 69P. -]
 HSE.
 ✓ (see spring)

KOOL & FIELD OFFICE TAC *

- serious problem radiology room 232 unitrust & materials transport system.

✓ - doors to radiology tunnel - proposed mod. #4 doesn't want it.

✓ - proposed mod. #15 doesn't want it. pulm

✓ - proposed mod. #22 doesn't want.

✓ - proposed mod. #43 mod 104

✓ - proposed mod. #45 OTO N. space

✓ - proposed mod. #28 holding them up.

at HSE/4E 2/25/77 as per del

- color plastic laminate receipt counter call to TAC. Patterson

2/23/77

last Thursday KEN FILED FOR INDICATED TO BY
WORD REVISED THIS MORNING - APPROX 7/23/77 NO ACTION.

* status modifications with the hospital -
answer required by Thursday 2/24/77.

11570/102114

\$ 25,807
no cost submitted
no cost submitted
no cost submitted
no cost submitted
no cost submitted

69P ✓
70P ✓
76P ✓
94P ✓
96P ✓
55A ✓

X
+263.00
+695.00
NO COST
• IN 2/23/77
NO COST
• IN 2/23/77
NO COST
• IN 2/23/77
WITH DRAW PRICE
ON 1/24/77
FEB 16, 77
WILL BE CORRECT
NO YET IN 1/23/77

X
+6,802.00
1/23/77
2121 79.92
NO COST
• IN 2/23/77
NO COST
• IN 2/23/77
+125.00

ENVIR. SERV.
DIST./ JANITOR OFFICE
FLOOR-2
OFFICE LIGHTING
REVISIONS CHILD ADULT ROOMS
CLG COOPD. ROOMS
11-149 & 11-150
FLOOR 11 - SURGERY
DEPT. HEADS OFFICE
ENT CLINIC ADD
4-ROOMS
CLG HGT IN ANIMAL
AREA FLOOR 1 VILET

Case II
2/23/77

proposed modification #4 - central doors to
radiology floor 2

Case II
2/23/77

proposed modification #15 - Substation location

Case II
2/23/77

proposed modification #22 - Elev # 11 revisions.
(you would need to get 700000000)

Case II
2/23/77

proposed modification #12 - Mod 101 minor chg.
recd by 10/10 1/16/77
changes 11-105 & 11-119
sealable doors.

Case II
2/23/77

proposed modification #15 - C-S-N addition
shelving space, etc

Case II
2/23/77

proposed modification #58 - radiology central hall
wall changes.

THE ARCHITECTS COLLABORATIVE, INC.
HEALTH SCIENCES ARCHITECTS AND ENGINEERS, INC.

UNIVERSITY OF MINNESOTA
HEALTH SCIENCES EXPANSION

MEMORANDUM

MEMO TO: Unit B/C File
MEMO BY: Richard J. Carlson
DATE: 21 February 1977
SUBJECT: Unit B/C Proposed Changes/Modifications

The attached marked-up "Proposed Changes/Modifications Monitoring Schedule" consisting of 71 listed items represent recorded changes and are indicated as (status) in the extreme right-hand column in accordance with the following:

- (a) Modification has been prepared by HSAE, reviewed and issued to the Contractors for further processing. Of the 71 listed items 15 of these are indicated thus.
- (b) Modification has been prepared by HSAE, and is currently being reviewed by HSPO/Construction Coordinator but has not been issued to the Contractors for quotation. Of the 71 listed items 11 of these are indicated thus and would include Modifications 98-P through 109A (excluding Modification 100-E which has already been processed).
- (c) Revision is recorded as a proposed change but has not been prepared in preliminary modification form by HSAE. Of the 71 listed items 45 of these are indicated thus.

cc: ~~Eugene Kling~~
Paul Maupin
John Scott
Duane Blanchard

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE ²¹ FEB 1977
SHEET 1 OF 8

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED	STATE
1	ADDITIONAL CASEWORK IN AUDIOLOGY CLINIC - ROOM. 8-157.	23 JUN 76	1 FEB 77	ARCH'T. TO PREPARE MOD.	HOSP. \$2,200	.95-P 1 FEB 77	(a)
2	SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1.	26 MAY 76	1 JUL 77	ARCH'T. TO PREPARE MOD.	HOSP. \$2,500		(c)
3	ENT. CLINIC AREA REDESIGN. ON FLOOR 8.	22 DEC 76	1 FEB 77	HSPO & USER EVALUATING MOD. FOR APPROVAL.	HOSP. (MAXIMUM) \$15,000	96-P 1 FEB 77	(a)
4	ADD CONTROL DOORS IN TUNNEL CORR., TO RADIOLOGY ON FLOOR 2.	17 NOV 76	1 JUL 77	ARCH'T. TO DEVELOP A DESIGN SOLUTION FOR APPROVAL	HOSP. \$1,500		(c)
5	GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.R. - FLOOR 2.	17 NOV 76	1 MAR 77	ARCH'T TO FINALIZE MOD. BASED UPON HSPO REVIEW COMMENTS	HOSP. \$6,000		(c)
6	DELETE S.N.R. IN CERTAIN CLINIC TOILET ROOMS.	17 JUL 76	15 DEC 77	CONTRACTOR TO SIGN MOD.	CONT. CREDIT	77-P 15 DEC 77	(a)
7	REVISED DESIGN FOR FLOORS 3 & 4. GUARDRAIL PROVISION	13 OCT 76	1 MAY 77	ARCH'T. TO PREPARE MOD.	HOSP. \$7,500		(c)
8	LIGHTING CHANGES IN CLINICS.	19 JAN 77	15 FEB 77	HSPO TO RECEIVE REVIEW COPY 16 FEB 77. MAUPIN/KOGL REVIEWING.	HOSP.	102-P 16 FEB 77	(b)
9	ADDITION OF INTRUSION DETECTION SECURITY SYSTEM. DOOR PROVISIONS ONLY	20 DEC 76	²² 15 FEB 77	ARCH'T. TO PREPARE MOD. EXPECT MOD. TO BE ISSUED THIS WEEK.	HOSP.		(c)
10	LEAD SHIELDING FOR DOOR NO. 1-240.	11 AUG 76	15 DEC 76	CONTRACTOR TO SIGN MOD.	HOSP. \$1,226	78-P DEC 77	(a)

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

21
DATE ~~18~~ FEB 1977
SHEET 2 OF 8-8

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED	(STATUS)
11	PLAZA WATERPROOFING DESIGN CHANGE.	18 AUG 76	1 MAR 77	ARCH'T. TO PREPARE MOD.	CONT. CREDIT \$40,000		(C)
12	LEAD SHIELDING IN FLOOR OF ROOM 3-141.	29 SEP 76	1 JUL 77	ARCH'T. TO PREPARE MOD.	HOSP. \$3,000		(C)
13	ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76.	31 AUG 76	1 JAN 77	CONTRACTORS COSTING: MOD. 86, 87, 88 ON T&M. MOD. 89 ARCH'T EVAL. COST \$1,353.	HOSP \$7,600	89-81, 84, 85, 86, 87, 88, 89 1 JAN 77	(A)
14	DELETE CASEWORK AND SPECIAL FINISHES IN UROLOGY ROOMS.	1 OCT 76	1 JAN 77	CONTRACTORS COSTING	HOSP. CREDIT \$4,000	82-P 28 DEC 76	(A)
15	ADD A PULMONARY FUNCTION LAB ON FLOOR 4.	HOLD		HOSP/USER MUST RESOLVE PROGRAM CHANGE NEEDED	HOSP.		(C)
16	ADD ROOM TO FAMILY PRACTICE ON FLOOR 6.	5 NOV 76	1 JAN 77	CONTRACTORS COSTING	USER \$5,000	83-P 28 DEC 76	(A)
17	REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK.	28 OCT 76	1 JUL 77	ARCH'T. TO PREPARE MOD.	CONT. \$550		(C)
18	ROOF DESIGN CHANGE BY UoFM FOR COST SAVINGS.	17 NOV 76	1 MAR 77	UoFM EVALUATING CONTRACTOR SPECIFICATION AND GUARANTEE.	CONT. CREDIT		(C)
19	MISCELLANEOUS TELEPHONE CHANGES.	18 AUG 76	1 JAN 77	CONTRACTORS COSTING	CONT.	90-P 7 JAN 77	(A)
20	OMIT RADIOLOGY CASH ALLOWANCE.	14 OCT 76	1 MAR 77	ARCH'T TO PREPARE MOD.	HOSP. CREDIT		(C)

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

21
DATE ~~18~~ FEB 1977
SHEET 3 OF ~~8~~ 8

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED	(STATUS)
21	FLOOR 2 ADMISSIONS AREA CHANGE PER PHASE II PLANS,	19 JAN 77	22 FEB 77	ARCH'T TO PREPARE MOD.	HOSP.		(C)
22	MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS.	16 JUN 76	1 MAR 77	ARCH'T TO PREPARE MOD. HSPD TO ADVISE ARCH'T ON FLOOR B ENTRANCE	CONT. \$15,000		(C)
23	INCREASE CEILING HT. IN ROOMS 1-380 & 381 TO 8'-0".	17 NOV 76	1 JUN 77	ARCH'T. TO PREPARE MOD.	CONT. \$ 400		(C)
24	ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W.	26 MAY 76	1 APR 77	ARCH'T. TO PREPARE MOD.	CONT. \$ 200		(C)
25	REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK.	FIELD	15 JAN 77	CONTRACTORS COSTING	CONT. MINIMUM	91-E 17 JAN 77	(a)
26	FILM ILLUMINATOR CHANGE.	17 NOV 76	1 MAR 77	ARCH'T TO PREPARE MOD.	CONT. CREDIT \$ 2,000		(C)
27	REVISE TEMP. CONTROLS FOR CHILLER PUMPS IN UNIT A.	17 AUG 76	1 JAN 77	CONTRACTORS COSTING	CONT. CREDIT \$ 10,000	79-E 15 DEC 76	(a)
28	OMIT ALL FIELD PAINTING OF STRUCTURAL STEEL.	20 MAY 76	1 MAR 77	ARCH'T TO PREPARE MOD.	CONT. CREDIT \$ 5,700		(C)
29	WEST PLAZA DRAINAGE SYSTEM PROVISIONS	17 NOV 76	1 MAR 77	UoFM & ARCHITECT TO RESOLVE DESIGN.	CONT.		(C)
30	OMIT STAINLESS STEEL FLASHING RELATED TO PLAZA CONSTRUCTION.	17 NOV 76	1 MAR 77	ARCH'T. TO PREPARE MOD.	CONT. CREDIT \$ 13,700		(C)

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

21
DATE ~~16~~ FEB 1977
SHEET 4 OF ~~8~~ 8

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
31	REMODEL LINER OF UNIT 114 AIR SHAFT.	FIELD		UofM TO ADVISE ARCHITECT OF WORK SCOPE & COST.	CONT.	
32	REVISION OF EAST DELAWARE STREET AREA BY UofM.	18 FEB 76	MAY 77	UofM WILL PREPARE MOD. IN SPRING OF 1977	CONT.	
33	OMIT SPECIAL HANGERS IN MECHANICAL ROOMS.			UofM NEGOTIATING CHANGE WITH MECHANICAL CONTRACTOR.	CONT CREDIT	
34	MODIFY DUCT LINING.			UofM NEGOTIATING CHANGE WITH MECHANICAL CONTRACTOR.	CONT. CREDIT \$ 2,500	
35	ADDITIONAL CASEWORK UNITS IN WORK AREA 2-146.	2 NOV. 76	1 MAR 77	ARCH'T TO PREPARE MOD.	HOSP. \$ 900	
36	CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11.	15 NOV. 76	1 FEB 77	CONTRACTORS COSTING	D. SURGERY EST. \$ 59,900	94-P 1 FEB 77
37	LAB MEDICINE CASEWORK CHANGE FOR ROOM 1-192.	15 DEC 76	1 FEB 77	CONTRACTORS COSTING	HOSP.	97-P 1 FEB 77
38	PROVIDE RADIATION SUPPORTS IN SHELL SPACE	10 JAN 77	1 FEB 77	UofM HAS SIGNED MOD.	CONT. \$ 28,068	93-E 21 JAN 77
39	CHANGE DOORS AT ELECTRICAL VAULT ROOMS; B, 10, 15.	10 JAN 77	1 FEB 77	UofM HAS SIGNED MOD.	CONT. \$ 1,752	92-E 21 JAN 77
40	OMIT RESILIENT SUSPENSION SYSTEM IN CERTAIN AREAS	2 FEB 77	15 FEB 77	UofM HAS SIGNED MOD.	CONT. CREDIT \$ 650	100-E FEB 77

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE ²¹ ~~18~~ FEB 1977
SHEET 5 OF ~~8~~ 8

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED	(STATUS)
41	ELECTRICAL CONTRACTOR INSTALLED UOFM SUPPLIED LIGHT FIXTURES.	FIELD 3 NOV 76	_____	ARCH'T TO PREPARE MOD.	CONT. \$ 168		(c)
42	GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS.	FIELD 5 JAN 77	_____	ARCH'T TO PREPARE MOD.	UNIT A CONTRACTOR \$10,118		(g)
43	MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES.	14 DEC 76	15 FEB 77	HSPD REVIEWING MOD. FOR APPROVAL TO ISSUE	CONT. CREDIT	104-P 14 FEB 77	(b)
44	ADD TWO PLASTIC LAMINATE FIRE HOSE CABINETS LOCATED AT B-91 AND 10-101.	19 JAN 77	15 FEB 77	HSPD REVIEWING MOD. FOR APPROVAL TO ISSUE	CONT.	99-A 2 FEB 77	(b)
45	OTONEUROLOGY PROCEDURES SUITE ADDITION FLOOR 8.	19 JAN 77	22 FEB 77	ARCH'T TO PREPARE MOD.	HOSP.		(g)
46	UNIT B/C PHASE II INTERFACE MODIFICATION.	28 JAN 77	15 FEB 77	HSPD REVIEWING MOD. FOR APPROVAL TO ISSUE	HOSP.	.98-P 2 FEB 77	(b)
47	ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7.	2 FEB 77	1 MAR 77	MOD. WILL BE ISSUED TO UOFM THIS WEEK FOR REVIEW	CONT/USER	105-P 16 FEB 77	(b)
48	MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	ARCH'T TO PREPARE MOD.	CONT. CREDIT	108-E 21 FEB 77	(b)
49	OMIT AUTOMATIC AIR VENTS ON HYDRONIC SUPPLY AND RETURN RISERS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	ARCH'T TO PREPARE MOD.	CONT. CREDIT	107-E 21 FEB 77	(b)
50	CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTSCOPE/OPHTHALMOSCOPE	2 FEB 77		ARCH'T TO PREPARE MOD. PER LETTER REC'D 7 FEB.	HOSP.		(c)

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE ²¹ FEB 1977
SHEET 6 OF 8

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
51	NOURISHMENT STATION CHANGE	2 FEB 77		ARCH'T TO PREPARE MOD. PER LETTER 1 FEB 77		
52	FLOOR 2 OBERVATION WINDOW ADDITION	2 FEB 77		ARCH'T TO PREPARE MOD.		
53	FLOOR 8 E.N.T. CLINIC CHANGES, ADD A FOLDING DOOR.	2 FEB 77		H&PO TO SEND ARCH'T: LETTER DESCRIBING CHANGE.		
54	REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS - BMT, 10 th AND 15 th FLS.	2 FEB 77		KOGL/MAUPIN REVIEWING FOR APPROVAL TO ISSUE		106-A 21 FEB 1977
55	REVISE P, LAM. LOCKERS IN RMS. 1-284 AND 1-286 BY ADDING PADLOCK HASPS			KOGL/MAUPIN REVIEWING FOR APPROVAL TO ISSUE		103-P 14 FEB 1977
56	OMIT CONCEALED SOAP DISPENSERS SPECIFIED FOR FIXTURES F-3B AND F3-D (EXAM ROOM LAVS).	10 FEB 77		KOGL/MAUPIN REVIEWING FOR APPROVAL TO ISSUE		101-P 14 FEB 77
57	MODIFY CORE 26 FL. 9. TO ALLOW INSTALLATION OF ELECTRICAL PANELS	17 FEB 77	1 MAR. 77	ARCH'T TO PREPARE MOD.		
58	MODIFY CONTROL ROOMS OF RADIOLOGY RMS. 1-232, 1-235, 1-240 and 1-242	18 FEB 77	1 MAR. 77	ARCH'T TO PREPARE MOD.		
59	OMIT MACHINE ROOM SLAB ABOVE FUTURE ELEVATOR NO. 1.	16 FEB 77	1 MAR. 77	ARCH'T. TO PROVIDE FURTHER INFORMATION TO KOGL/HUGHES.		
60	FIELD ORDER TO STOP INSTALLATION OF PRECAST BENCHES WEST AREA PENDING FURTHER DIRECTION O. HUGHES.	16 FEB 77		O. HUGHES TO ADVISE ARCHITECT OF DESIRED REVISIONS.		

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

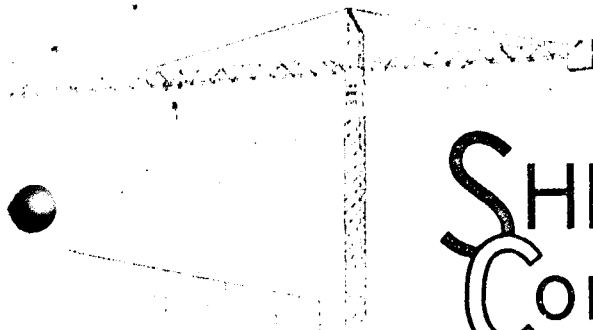
DATE 21 FEB 1977
SHEET 7 OF 8

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
61	INSTALL ELEC. DISCONNECT SWITCH EACH ELEVATOR CONTROLLER FOR ELEVATORS 4, 5, AND 6 PER STATE LETTER.	20 JAN, 77		ARCHT. TO PREPARE MOD.		
62	ADJUST THE CASH ALLOWANCE FOR AUDITORIUM SEATING RM. 2-104 TO ACTUAL SUBCONTRACT AMOUNT.	3 FEB, 77		ARCHT. TO PREPARE MOD.	30,000 M.W., 27,100 BID.	
63	OMIT AIR COMPRESSOR FOR AUTOMATIC DOORS 1-61 & 1-296 FOR CREDIT.	20 JAN 77 HUGHES CORRES. TO SHEEHY.		GENL. CONTR. TO RESPOND WITH APPROPRIATE CREDIT.		
64	MISC. G. M. & E. CONTRACT REVISIONS TO ACCOMMODATE IN MATERIALS HANDLING SYSTEM	_____		ARCHT. TO PREPARE MOD. UPON RECEIPT OF DIRECTION FROM KOGV.		
65	OMIT AIR BLENDERS FOR 100% OUTSIDE AIR UNITS S-10 AND S-18C.	5 NOV, 76		KOGV/MAIRIN REVIEWING FOR APPROVAL TO ISSUE.	ESTIMATED \$2000.00 CREDIT	109-A 21 FEB, 77
66	ALLOW MASON INDUSTRIES TYPE FCN FLOATING FLOOR SYSTEM IN AIR CHAMBERS FOR CREDIT	2 FEB, 76 SHEEHY LETTER		ARCHT. TO PREPARE MOD.	\$1200.00 CREDIT	
67	REVISE NO. OF OUS ACCESS PANELS IN ACCORDANCE WITH TALLY FROM O. HUGHES.	4 JAN, 77 SHEEHY COST BREAKDOWN		O. HUGHES TO ADVISE ARCHITECT TO PREPARE MOD.		
68	REVISE FOUR METAL SERVICE PANELS RM. 9-155 TO ACCOMMODATE FOUR C-2 FIXTURES (C-6)	31 AUG, 76 G.C. NOTIFIED 11/20/76 BY HUGHES.		ARCHT. TO PREPARE MOD.		
69	MOVE LOCATION OR OMIT SERVICE SINK RM 78 TRASH/JANITOR.	_____		ARCHT. AWAITING DIRECTION FROM HSGO.		
70	INTERFACE MODIFICATION FOR ADMISSIONS/CASHIERING OFFICE, NUTRITION, MEDICAL RECORDS (FL. 2)		22 FEB, 77	ARCHT. TO PREPARE MOD.		

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 21 FEB 1977
SHEET 8 OF 8

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
71	PRODUCE MIRRORS AND COAT HOOKS IN AMBULATORY SURGERY DRESS'G. RMC. 1-301, 302, & 303 (C-13)	31 AUG. 76		APPOINT. TO PREPARE MOD.	HOSP.	
72						
73						
74						
75						
76						
77						
78						
79						
80						



SHEEHY CONSTRUCTION COMPANY

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

MINUTES OF JOB MEETING UNIT B/C #55
FEBRUARY 25, 1977

PEOPLE IN ATTENDANCE:

Steve Greene	U of M
Paul Maupin	U of M
Joe McCormick	U of M
Jim Hastert	U of M
Joe Palla	U of M
Wally Mellum	U of M
John Rudie	Campbell & Company
*Dick Campbell	Campbell & Company
Greg Kujawa	U of M
Ray Anderson	Hayes Contractors
Ralph Magnuson	Westinghouse Elevator
John Bellair	Premier Electric
Jim Culligan	Premier Electric
Gene Kogl	U of M
XXXXXXXXXX	U of M
R. J. Carlson	HSAE
*Duane Blanchard	HSAE
*John Scott	TAC
O.W. Hughes	U of M
*Felix Hernandez	Mosler
Rich Sievers	Honeywell, Inc.
Tyrone Berg	Wm. Poppenberger & Son
*Jack Frerichs	Wm. Poppenberger & Son
Dick Hendricks	U of M - Physical Plant
Jim Fallon	U of M
*Paul Kopietz	U of M
John Roettger	Sheehy Construction
Dan Walgenbach	Sheehy Construction
Ken Fick	Sheehy Construction

*Not Present

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

REVIEW OF MINUTES:

- ✓3. Bellair - HSAE has a revised drawing out on rooms 210, 240, 232, 235.
- ✓10. Carlson - Mod. 69 will be reissued because of the material handling system.
- ✓Fick - Hamilton is sending a letter regarding no credit for any casework after production is started.
- ✓6. Maupin - There is a Mod. in process to pick up the allowance for equipment hook-up.

NEW BUSINESS:

- ✓1. Fick - We again remind the other prime contractors that we do not include cutting and patching costs for them on any Mod. unless the Mod. specifically states that we are to perform it.
- ✓2. Fick - The V.A.T. colors where pavers were eliminated by Alternate - are they issued yet?
 - ✓Carlson - No, this color is under review.
 - ✓3. Fick - Material transport system slab opening drawings - are they here yet?
 - ✓Hughes - No, they are not.
 - ✓4. Roettger - Lead on top of partitions because of penetrations with Bell Telephone.
 - ✓Kogl - I have set up a meeting to review this with the user.
 - ✓Maupin - Media Resources and security have work on the 12th floor.
 - ✓5. Roettger - What is the situation of the plaster lite fixtures so far as their delivery to the job is concerned?
 - ✓Bellair - I have received a letter from the manufacturer but it did not include the "C" fixture.
 - ✓6. Berg - Poppenberger will be laying off sheet rockers on Friday because there is no place for them to go.
 - ✓Kogl - Have a letter out to Premier based on the size of the crew needed to keep up with job progress. Right now Premier needs more people to keep up with job progress.

- ✓Culligan - I cannot build a crew and then lay off.
- ✓7. Magnuson - When can we drill the hole for the hydraulic elevator?
- ✓8. Rudie - Has the color schedule on plaster laminate been out?
- ✓9. Hendricks - I need the beams cut out on the airshaft for the elevators. Will 11th and 12th floors be occupied on schedule and will all systems be operating?
- ✓We are having problems with the doors in Unit A with security and air handling.
- ✓Roettger - I will take care of it.
- ✓10. Hughes - We should have a meeting on the elevator machine room on elevator #1 and also the unistrut problems with the M.T.S.
- ✓11. Hughes - Gordy Linholm has questions about the interfacing of pumps between B/C and A.
- ✓12. Hughes - I have some drawings that should be useful to the prime contractors and there is a letter regarding the M.T.S. right of way into Mayo.
- ✓13. Kogl - I request that a meeting be set up among Sheehy, HSAE and us to resolve the matters of the Brandt- Airflex divider wall closure gasket assemblies and the acoustical insulation and vapor barrier problems on the tenth and fifteenth floors.
- ✓14. Kogl - We have to get the Mods turned around faster - especially Mod. 82.
- ✓15. Kogl - I still don't have the explanation of the freeze-up in Unit A.
- ✓Hendricks - I will gather this information and get it to you.
- ✓16. Hastert - With the owner acceptance of equipment we need operation manuals.
- ✓17. Hughes - Avoid storage of equipment in Mayo garage.

A Meeting covering outstanding modifications followed the regular progress meeting.

PLUMBING

- 1) 6063 FAB. Del. Deionized Water Valves - Complete
- 2) 6113 FAB. Del. Fuel oil Valves - Complete
- 3) 6153 FAB. Del. Thermometers - Complete
- 4) 6163 FAB. Del. Pres. Gauges - Complete
- 5) 6403 FAB. Del. Plumbing Fixtures complete
- 6) 6503 FAB. Del. LABORATORY Fixtures
- 7) 4-2123 - 4-2178 All cores 10-15-
- 8) 6-0419 Horiz. Rough-in stack 3 1st Floor
- 9) 6-0428 Horiz. Rough-in stack 8+9 2nd Floor.
- 10) 8-0415 Horiz. Rough-in 15th Floor Equip. Room
- 11) sleeve + insert AS NECESSARY
- 12) 8-0416 Horiz. Rough-in 16th FL. - Complete
- 13) IN WALL WORK ON THE 12th FLOOR.
- 14) IN WALL WORK ON THE 11th FLOOR.
- 15) IN WALL WORK ON THE 1st FLOOR STACKS 0-6
- 16) IN WALL WORK ON THE 2nd FLOOR.
- 17) LAYOUT IN MAYO Hosp.
- 18) R. W. LEADERS FROM Diehl HALL to unit B/C

Heating

- 1) 4-2423 - 4-2478 Cores 10-15
- 2) 5-1421 - Horiz. Heating 11th Floor.
- 3) 5-2612 - Heating Finish 12th Floor.
- 4) 5-2812 - Radiation enclosure - 12th Floor
- 5) 6-1419 Horiz. Rough-in 1st Floor Stack 8
- 6) 6-1422 Horiz. Rough-in 2nd Floor Stack 8+9
- 7) 7-1415 Horiz. Rough-in 15th Floor.
- 8) 8-1403 A Heating Mains - Base. Equip. Room
- 9) 8-1410 A " " 10th Fl. " "
- 10) 8-1410 B Stands + Equip 10th Fl. Equip Room.
- 11) 8-1415 A Heating Mains 15th Fl. Equip. Room
- 12) Sleeve + insert as necessary

Sheet Metal

- 1) 4603 FAB. Del. Air Filtration Equip.
- 2) 4-1423 - 4-1478 - Cores 11-15
- 3) 5-0621 - Horiz. Duct work 11th Floor
- 4) 5-0639 - " " " 9th Floor.
- 5) 6-0619 Horiz. Duct work 1st Floor Stack 8
- 6) 6-0628 " " " 2nd Floor Stacks 8+9
- 7) Sleeve + insert as necessary
- 8) 8-0603 } Basement Equip. Room
- 9) 8-0604 }
- 10) 8-0606 }
- 11) 8-0609 } 10th Fl. Equip. Room
- 12) 8-0610 }
- 13) 8-0615 15th Fl. Equip. Room

SHEEHY SCHEDULE

2-23-77

WED. 2-23-77

BR.	COVE LITE 12TH	P.	5-3512 - PLASTER - 12TH LINK
PRE	5-3921 - BR CONDUIT - START ON 11TH	PRE	COND. 1ST FLR ST "7"
P	5-4612 - TAPE - 12TH FL	SAN.	R. ROD. 1ST FLR ST "7"

THUR 2-24-77

S	1-5050 - FTG. MAYO BSMT.	P.	CORE FRNTS - 6TH FL
P	5-4012 - LEAD 12TH	S.	H.M. FRAMES - 11, 1, + 2
P	5-4221 - STYDS. 11TH	P.	INSTALL MET PANELS. 12TH

FRI. 2-25-77

P	5-4612 - <u>COMPL. DRYWALL</u> - 12TH	BR	5-2548 - RAD SUPPORTS - 9TH
S	1-5010 - COLS. POUR. E.W LINE	S.	"SKIP" <u>DOWN</u>
P	1-6100 - UNDERPIN - K.E. TUNNEL	S.	<u>POUR</u> ST "7" 1ST FLR

MON. 2-28-77

P	5-3821 - <u>COMPL CEIL</u> - 11TH	PRE - 5-4421	CONDUIT WALLS - 11TH
BR	5-2812 - RAD. COVER 12TH	P	6-4220 DRYWALL - ST 0 - 6 ^(2ND FL) 2ND
E+S	6-1810 PIPE COVER <u>COMPL. ST "9"</u>	IND. CTGS.	INSULATE ELEV. SHAFT

TUES. 3-1-77

P	6-3810 - 1ST FL CEIL - ST "9"	P.	DRYWALL STAIR "D"
P	5-3510 - LATH - 11TH LINK		
PRE -	5-7821 - SURG LITE SUPPORT. 11TH		

WED. 3-2-77

L 2-3460 - UNBR MACH ST "7"

MON. 3-7-77

P. 5-3837 - INT. CEIL. START ON 9TH

THUR. 3-3-77

5-2439 - MTL SOFFIT 9TH

TUES. 3-8-77

O'B - START DUCT - 8TH FLR.

FRI. 3-4-77

O'B 5-0639 - COMPL. DUCT 9TH
 WALLY 4-7000 - TELEPHONE SERVICE ??

PRE . 7 DAYS TO FIXTURE DATE
 P. 6-4210 - DRYWALL 0-9-1ST FL

Pipe Covering

- 1) 4-2833 - 4-2878 Cores 10-15th Floors
2) 5-1821 - Pipe covering 11th Floor.
3) 5-1839 - " " 9th Floor
4) 6-1819 " " 1st FL. Stack 8
5) 6-1822 " " 2nd FL. Stack's 8+9

Sprinkler Fitters

- 1) 8-1615 Horiz. Rough-in 15th FL. Complete.
2) 8-1603 " " Base Equip. Room
3) 8-1610 " " 10th FL. Equip. Room

PREMIER ELECTRIC SCHEDULE
 FEB 24 - MARCH 3 - 1977

WORK ITEM

2-5450	-	High Voltage Splices	10 th Floor
5-3921	-	Branch Conduit - Ceiling	11 th Floor
5-4421	-	Branch Conduit - Walls	11 th Floor
	-	Fire Alarm Conduit	11 th Floor
6-3910	-	Branch Conduit Ceiling	1 st Floor
6-4410	-	Branch Conduit Walls	1 st Floor
6-4420	-	Branch Conduit Walls	2 nd Floor
1-3120	-	Conduit - Slab	1 st Floor SK. 7
6-2002	-	Cable Tray	BASEMENT
9-6303	-	INSTALL Meter Control Centers	BASEMENT
2-5110	-	INSTALL High Voltage Switchgear	UNIT A
5-7821	-	Surgical Light Supports	11 th Floor
1-4320	-	Branch Wire Ceiling	2 nd Floor C-6
1-4520	-	Branch Wire Walls	2 nd Floor C-6
5-3048	-	FEEDER Conduit / Floor Panels	8 th Floor
	-	CONNECT ESCALATORS METERS, RECEPTS, LIGHTS	1 st , 2 nd , 3 rd

BOB SWANSON



UNIVERSITY OF MINNESOTA
TWIN CITIES

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

The following modifications on the attached sheets
are modifications which are not yet finalized as of
3/2/77 due to one of many reasons

MOD.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
42-E	Cost savings due to reuse of existing air relief shaft grating and support	General	8/4/76	To G.C. for signature
45-E	Add accessories to listed transfer switches see modification	Electrical	8/9/76	To U/M for signature
51-P	Floor sleeves to alleviate spilled or overflow liquid migration between floors	General Electrical Mechanical	9/1/76	To E.C. for quotation
55-A	Revise certain features of the work in 1st floor -west areas rooms 1-395&1-396	General Electrical Mechanical	10/4/76	To G.C.&Mech. for quotation*
56-P	Make provisions for future expansion of U/M Hospital operating room addition	General Electrical Mechanical	10/5/76	To Mechanical for signature
58-E	Move waste piping from above transformers on 10th floor rooms 102&103	General Mechanical	10/13/76	Arch to evaluating
59-E	To avoid overheating animals if control air is lost	Mechanical Electrical	10/18/76	Arch. to evaluating
62-E	Credit allowance for permitting substitution of dampered steam preheat coils other than the specified model	Mechanical	11/3/76	To M.C. for signature 11/3/76
64-A	Increase size requirements of fire management control room 3-75	General Mechanical Electrical	11/5/76	To U/M for signature 3/1/77
66-P	Revise provisions for electrically locked unlocked exit devices & electro-magnetic hold	General Electrical	11/10/76	To Electrical to evaluating
69-P	Accommodate revised program requirements of the hospital revise a portion of the 2nd floor	General Mechanical Electrical	11/16/76	H.S.P.O. revised for reissue
70-P	Improve efficiency of lighting and control of the children & adult eye clinic	General Mechanical Electrical	12/3/76	Mech. to resubmit quotation

MOD.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
72-E	Revise and clarify temporary electrical service installation	Electrical	12/3/76	Arch to consul with owner
73-P	Improve function of information area rooms 2-161 and 3-89	General Electrical	12/6/76	To Electrical for quotation
76-P	Improve coordination of ceiling items rooms 11-149 & 11-150	General Electrical Mechanical	12/7/76	To Mechanical for quotation
79-E	Allow for future variable speed pumping in Unit A secondary chilled water systems complete compatibility between Units A&B/C	Mechanical Electrical	1/10/77	To contractors for quotation
80-P	Revisions to Electrical specs. & drawings see modification	Electrical	1/10/77	To contractors for quotation
81-P	Misc. revisions G.C., M.C., & E.C. omissions & relocations see modifications	Electrical General Mechanical	1/10/77	To M.C. & E.C. for quotations
82-p	Revise certain features of 1st fl. 1-317 - Urology support & rm. 1-318	General Mechanical Electrical	1/10/77	To Mech & Electrical for quotation
83-P	Construct new room 6-167 storage for family practice 6th floor see modification	General Mechanical Electrical	1/10/77	To contractors for quotations
84-P	To provide dimmer control of fixtures in certain rooms of Ambulatory surgery see mod.	Electrical	1/10/77	Arch is evaluating
85-P	Code requirements see modification	Mechanical Electrical	1/12/77	TO Electrical for quotation
86-P	1st floor east power revisions in various rooms	Electrical	1/10/77	Time & material
87-p	Revisions see modification	Electrical	1/10/77	Time & material

MOD.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
88-P	Refer to mod.&Electrical drawing sheet E-24 for for revisions	Electrical	1/10/77	time & material
89-P	Electrical revisions rooms 3-165,166,167, & 168 see modification	Electrical	1/10/77	Arch. evaluating
90-P	Telephone Services recommendation	General Electrical	1/31/77	Contractors for quotation
91-E	Conflict on 5th floor core 31 door 31 and steel bracng	General Electrical	1/31/77	Contractors for quotations
94-P	Modifying rooms 11-107,108,108A,109,&110	General Electrical Mechanical	2/9/77	Contractors for quotations
95-P	Changes to room 8-157	General Electrical	2/11/77	Contractors for quotations
96-P	Change a portion of room 8-140 into rooms 8-81,162,163,&165	General Mechanical Electrical	2/11/77	Contractors for quotations
97-P	Revise room 1-192	General Mechanical Electrical	2/11/77	Contractors for quotations
98-P	Revises toilet room 1-103 see modification	General Mechanical Electrical	2/25/77	Contractors for quotations
99-E	Adding F.E. cabinet in basement	General		Contractors for quotation
101-P	Omit concealed soap dispensers in exam rooms	Mechanical		Contractor for quotation
102-P	Increase the light level & rendition in exam, par, & treatment rooms	Electrical		Contractor for quotation



SHEEHY CONSTRUCTION COMPANY

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

MINUTES OF JOB MEETING UNIT B/C #56
MARCH 10, 1977

PEOPLE IN ATTENDANCE:

* Jim Fallon	U of M
R. Magnuson	Westinghouse Elevator
R. P. Campbell	Campbell & Company
Joe McCormick	U of M
Rich Sievers	Honeywell, Inc.
Joe Palla	U of M
Wally Mellum	U of M
Jim Hastert	U of M
John Rudie	Campbell & Company
John Bellair	Premier Electric
Jim Culligan	Premier Electric
Greg Kujawa	U of M
 	
Dick Carlson	HSAE
* Duane Blanchard	HSAE
* John Scott	TAC
O.W. Hughes	U of M
* Felix Hernandez	Mosler
Ray Anderson	Hoyes Contractors
Gordon Lindholm	U of M - Physical Plant
Steve Greene	U of M
Tyrone Berg	Wm. Poppenberger & Son
Jack Frerichs	Wm. Poppenberger & Son
Gene Kogl	U of M
Paul Maupin	U of M
* Paul Kopietz	U of M
Ken Fick	Sheehy Construction
John Roettger	Sheehy Construction
Dan Walgenbach	Sheehy Construction

* Not Present

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

Last week's meeting cancelled because of weather.

REVIEW OF MINUTES:

3. Bellair - There is a drawing out on rooms 210, 240, 232, 235 - there are drastic changes in the tray.

Roettger - We are planning to start in those rooms with lead lath.

Fick - Are these changes going to be on a modification?

Carlson - G. Hall will be back on Monday.

Kogl - D. Carlson will set up a meeting on Monday.

✓4. Roettger - Mod. 69 is still not laid out right.

✓Carlson - The painting schedule will be out on Friday and then I will need to get copies made.

✓Campbell - We still ^{MAY} have a problem with media resources.

✓Kogl - Media resources will have to do their own cutting and patching.

✓5. Bellair - We had some parts of the C fixtures delivered, I still don't know when the rest of the C fixtures will be delivered.

✓Roettger - Can we ^{PLASTER} ~~plaster~~ yet?

✓Belliar - No, you cannot, their verbal commitment is March ^{20th} ~~15th~~ to leave their plant.

✓6. Campbell - The finish schedule now is in November, 1977. I have spent 4 hours with Premier to refine their crew size.

7. Roettger - It looks like Tuesday or Wednesday Westinghouse can start drilling their hydraulic elevator hole.

8. Carlson - The pathway was defined and unistrut was in error. They should submit possible revisions.

12. Hughes - We are trying to find out if the M.T.S. will have any effect on structural parts in Mayo.

- ✓13. Fick - (to Bellair) Due to the importance of the light fixtures which are now holding up substantial work, don't you feel this warrants a trip by you to your factory to see if they really are going to ship on the 15th?

Bellair - I don't know at this moment.

NEW BUSINESS:

- ✓1. Magnuson - We would like to have the escalator cladding as soon as possible.
- ✓2. Campbell - There is a new schedule out that shows substantial completion November 29, 1977. Modifications are going to kill us.
- ✓Fick - I think someone should be following the menial details because there have been holdups because of a signature. For example on Mod. 56, HSAE still does not have George Kline's signature and no change in cost was involved for Hayes. In the meantime the Mod. continues in an unfinalized state.
- ✓6. Bellair - What recourse do I have if the Mod. is not returned in time and I am over my 30 day period? I cannot hold my prices and it is hurting Premier.
- ✓7. Frerichs - We are installing lead on 12th floor and there are some areas where lead is impossible to get in. I am trying to get a submittal in for an alternate method.
- ✓Carlson - I will ask on this as soon as possible.
- ✓8. Lindholm - We are going to fill the cooling system at the end of the month.
- ✓9. Carlson - I would like to get submittals as soon as possible on the seating in the auditorium.
- ✓10. Carlson - There are 119 Mods out for quotes - ~~65~~⁷⁷ finalized - 4 rejected - ~~47~~₄₀ unresolves and 3 on a time and material basis.
- ✓11. Sievers - I need room 3-75.

Roettger - We will work on it immediately.

SHEEHY SCHEDULE

3-9-77

WED. 3-9-77

P. 6-4210 - DRYWALL. 1ST START STACK 0-9 EAST

B.A. MTL DIV. 12TH FL

S. POOR COL. EW LINE

THUR. 3-10-77

B.A. LITE COVE 11TH FL

S. TRENCHES - ST-B BSMT.

P. DRYWALL STAIRS

FRI. 3-11-77

P. 5-3512. PLASTER 12 LINK

* CLEAN UP DAY

PARK - RAMP REMOVED

MON. 3-14-77

J.N. PAINTER 12TH FL START

S. AUDITORIUM FLOOR START

S. DOORS - 12TH FL

TUES. 3-15-77

B.A. RAD. SUP. 8TH FL

P. 5-4621 - LATH 11TH FL LINK

5-5512. CERAMIC 12TH FL

WED. 3-16-77

P. 5-3839. CEIL 9TH FL START

THUR. 3-17-77

B.A. MTL SUFFIT 8TH FL

FRI. 3-18-77

P. DRYWALL 11TH FL COMPL

* CLEAN UP DAY

F.P. AUDITORIUM - 1ST FL START

P. 5-4012. LEAD. "12" FL

* POPP. CORES. 29-31-32 COMP

S. B.L. MAYO 1ST FL

PARK. COMP. FINE GRADE BSMT ST 7

P. 6-4220 - TAPER. 2ND FL

P. COMPLETE ALL CORES

B.L. - BLOX AUDITORIUM 1ST STAR

P. 6-4620 - LATH 2ND FL.

S. 1-5050 - FTGS. MAYO

W. - HYD. ELEV SHAFT (CHUTE)

P. WALLS - CORES. 13-14+15

MON. 3-21-77

P. TAPER - 11TH FL

TUES. 3-22-77

S. 1-6105 - FTGS. K.E. - DIENL

B.A. 5-2556 - RAD. SUP. 6TH FL

P. 6-4615 - LATH 1ST FL

Plumbing

- 1) 4-2123 - 4-2178 All cores 10-15
- 2) 6-0419 Rough-in stack 8 1st FL. Complete.
- 3) 6-0428 Rough-in stacks 8+9 2nd Floor.
- 4) 8-0415 Horiz. Rough-in stack's 8-6 15th FL
- 5) sleeve + insert as necessary.
- 6) IN WALL WORK ON THE 11th FLOOR.
- 7) IN WALL WORK 1st FLOOR STACKS 0-9
- 8) IN WALL WORK 2nd FLOOR.
- 9) LAYOUT IN MAYO HOSP.
- 10) Rough-in waste, vent, + water MAYO HOSP.

Heating

- 1) sleeve + insert as necessary
- 2) 4-2423 - 4-2478 cores 10-15
- 3) 5-1421 - Horiz. Heating 11th FL Complete
- 4) 5-2612 - Heating Finish 12th Floor
- 5) 5-2812 - Radiation Enclosure - 12th Floor
- 6) 6-1419 - Horiz. Rough-in 1st FL. stack 8
- 7) 6-1422 - Horiz. Rough-in 2nd FL. stack 8+9.
- 8) 7-1415 - Horiz. Rough-in 15th Floor.
- 9) 8-1403 A - Heating MAINS - BASEMENT
- 10) 8-1410 A - " " 10th FL.
- 11) 8-1410 B - STANDS + EQUIP. 10th FL.
- 12) 8-1415 A - Heating MAINS 15th FL.

Sheet metal

- 1.) 7603 - FAB. deliver AIR Filtration EQUIP.
- 2.) 4-1423 - 4-1478 CORES 11-15
- 3.) 5-0621 - Horiz. Duct work 11th Floor.
- 4.) 5-0639 - " " " 9th Floor.
- 5.) 6-0619 - Horiz. Duct stack 8 1st Floor
- 6.) 6-0628 " " stack 8+9 2nd Floor.
- 7.) sleeve + insert AS NECESSARY
- 8.) 8-0603 } BASEMENT equip. Room
- 9.) 8-0604 }
- 10.) 8-0606 }
- 11.) 8-0609 } 10th FL. EQUIP. ROOM
- 12.) 8-0610 }
- 13.) 8-0615 - 15th FL. EQUIP ROOM.

Pipe covering

- 1.) 4-2833 - 4-2878 CORES 10-15
- 2.) 5-1821 - Pipe covering 11th Floor complete.
- 3.) 5-1839 - " " 9th Floor
- 4.) 6-1819 " " 1st FL. stack 8
- 5.) 6-1822 " " 2nd FL. stack 8+9

SPRINKLER FITTERS

- 1.) 8-1603 Horiz. Rough-in BASE. EQUIP. ROOM
- 2.) 8-1616 " " 10th FL. EQUIP. ROOM
- 3.) sleeve + insert AS NECESSARY.

PREMIER WORK SCHEDULE

MARCH 10 - 17 1977

WORK ITEM

5-4421	BRANCH CONDUIT - WALLS	11 TH FLOOR
6-3910	BRANCH CONDUIT - CEILING	1 ST FLOOR
6-4410	BRANCH CONDUIT - WALLS	1 ST FLOOR
5-7821	SURGICAL LIGHT SUPPORTS	11 TH FLOOR
2-5310	ENERGISE HIGH VOLTAGE SUBSTATION	UNIT A
2-5320	ENERGISE SUB STATIONS 4A, 4B, 4C	BASEMENT
2-5450	ENERGISE SUB STATION 5A, 5B	10 TH FLOOR
2-5550	ENERGISE SUB STATION 6A	15 TH FLOOR
5-4321	BRANCH WIRE - CEILING	11 TH FLOOR
5-4521	BRANCH WIRE - WALLS	11 TH FLOOR
5-6812	FIRE ALARM DGP EQUIPMENT	12 TH FLOOR
5-6821	FIRE ALARM DGP EQUIPMENT	11 TH FLOOR
6-4310	BRANCH WIRE - CEILING	1 ST FLOOR
6-4510	BRANCH WIRE - WALLS	1 ST FLOOR
6-7810	SURGICAL LIGHT SUPPORTS	1 ST FLOOR
6-7820	SURGICAL LIGHT SUPPORT	2 ND FLOOR
6-3402	FEEDER WIRE + CONNECTIONS	BASEMENT



UNIVERSITY OF MINNESOTA
TWIN CITIES

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

The following modifications on the attached sheets are modifications which are not yet finished as of 3/17/77 due to one of many reasons.

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	To E.C. for quotation
55-A ✓	Revise certain features of the work in 1st floor - west areas rooms 1-395&1 - 396	General Electrical Mechanical	10/4/76	To G.C. for quotation
56-P ✓	Make provisions for future expansion of U/M Hospital operating room addition	General Electrical Mechanical	10/5/76	To U.M. for signature
58-E ✓	Move waste piping from above transformers on 10th floor rooms 102 & 103	General Mechanical	10/13/76	To U.M. for signature
59-E ✓	To avoid overheating animals if control air is lost	Mechanical Electrical	10/18/76	To U.M. for signature
62-E ✓	Credit allowance for permitting substitution of dampered steam preheat coils other than the specified model	Mechanical	11/3/76	To U.M. for signature
66-P ✓	Revise provisions for electrically locked unlocked exit devices & electro-magnetic hold	General Electrical	11/10/76	To Arch. for Evaluating
69-P ✓	Accomodate revised program requirements of the hospital revise a portion of the 2nd floor	General Mechanical Electrical	11/16/76	To G.C., M.C. for quotations
72-E ✓	Revise and clarify temporary electrical service installation	Electrical	12/3/76	To U.M. for Evaluation
73-P ✓	Improve function of information area rooms 2-161 and 3-89	General Electrical	12/6/76	To Arch. for Evaluating
76-P ✓	Improve coordination of ceiling items rooms 11-149 and 11-150	General Electrical Mechanical	12/7/76	To Arch. for Evaluating
79-E	Allow for future variable speed pumping in Unit A secondary chilled water systems complete compatability between Units A & B/C	Mechanical Electrical	1/10/77	To G.C. M.C. for quotation

MOD.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
80-P ✓	Revisions to Electrical specs. & drawings see modification	Electrical	1/10/77	To Arch. for evaluating
81-P ✓	Misc. revisions G.C., M.C., & E.C. omissions and relocations--see modifications.	Electrical General Mechanical	1/10/77	To E.C. for quotation
82-P ✓	Revise certain features of 1st floor 1-317 Urology support and room 1-318	General Electrical Mechanical	1/10/77	To Arch. for evaluating
83-P ✓	Construct new room 6-167 storage for family practice 6th floor--see modification	General Mechanical Electrical	1/10/77	To E.C. for quotation
84-P ✓	To provide dimmer control of fixtures in certain rooms of Ambulatory surgery see modification	Electrical	1/10/77	To Arch. for evaluating
85-P ✓	Code requirements see modification	Mechanical Electrical	1/12/77	To Arch. for evaluating
86-P ✓	1st floor east power revisions in various rooms	Electrical	1/10/77	Time and material
87-P ✓	Revisions -- see modification	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
89-P ✓	Electrical revisions rooms 3-165, 166, 167, and 168 See modifications	Electrical	1/10/77	Arch. evaluating
90-P ✓	Telephone Services recommendation	General Electrical	1/31/77	To Arch. for evaluating
91-E	Conflict on 5th floor core 31 door 31 and steel bracing	General Electrical	1/31/77	To Arch. for evaluating

MOD.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
94-P ✓	Modifying rooms 11-107, 108, 108A, 109, adn 110	General Electrical Mechanical	2/9/77	To M.C., E.C. for quotations
95-P ✓	Changes to room 8-157	General Electrical	2/11/77	To E.C. for quotations
96-P ✓	Change a portion of room 8-140 into rooms 8-81, 162, 163, and 165	General Mechanical Electrical	2/11/77	To M.C. for quotations
97-P ✓	Revise room 1-192	General Mechanical Electrical	2/11/77	To M.C., E.C. for quotations
98-P ✓	Revises toilet room 1-103--see modification	General Mechanical Electrical	2/25/77	To Contractors for quotations
99-E ✓	Adding F.E. cabinet in basement	General		To G.C. for quotation
101-P ✓	Omit concealed soap dispensers in exam rooms	Mechanical		To M.C. for quotation
102-P ✓	Increase the light level & rendition in exam, par, & treatment rooms	Electrical		To E.C. for quotation
103-P ✓	Furnish padlock hasps on lockers in certain rooms--see modifications	General		To G.C. for quotation
104-P ✓	Omit sprinkler heads which interfere with operation of power files--see modifications	General Mechanical		To G.C., MC for quotation
105-P ✓	Modify a portion of the 7th floor link for cart storage	General Mechanical Electrical		To contractors for quotations
106-A	Cost reduction, controls simplification	Electrical		No quotation

MOD.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
107-E /	Omit all automatic air vents and 3/4" unions specified to be installed on top of all hydronic supply & return risers	Mechanical		No quotation
108-E /	Omit all flanged spool pieces	Mechanical		No quotation
109-A /	Omit the air blenders specified for the 100% outside air units	Mechanical		No quotation
110-P /	Adds Room 8-72, 166, 167, 168	General Mechanical Electrical		Rejected
111-P /	Modify rooms 2-57, 2-58 and portions of the existing adjacent Mayo Hospital	General Mechanical Electrical		No quotation
112-P /	Provide additional storage casework in Room 2-146 work area	General Electrical		No quotations
113-E /	Modify core 26 on 9th floor	General		No quotations
114 /	Revises 3rd floor west plaza drainage system part of mod 47-P	Mechanical		No quotations
115-E /	Omit field painting of perimeter steel	General		U.M. for signature
116-P /	Omits cash allowance for radiology area	General Mechanical Electrical	3/4/77	Cont. Sign.
117-P /	Adjust difference between the auditorium seating subcontract bid amount and the allowance amount	General	3/4/77	U.M for signature
118-E	Cost credit to owner for omission of certain stainless steel flashing below plaza	General	3/1/77	U.M. for signature

Doc # 112 1/6/77
11-149 & 11-150
Doc # 2 1/2 1/6/77
11-149 & 11-150

SHEEHY CONSTRUCTION COMPANY

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

MINUTES OF JOB MEETING UNIT B/C # 57
MARCH 17, 1977

PEOPLE IN ATTENDANCE:

R. Magnuson	Westinghouse Elevator
Paul Maupin	U of M
Rich Sievers	Honeywell, Inc.
Joe Palla	U of M
Joe McCormick	U of M
Dick Hendricks	U of M, Physical Plant
Jim Hastert	U of M
John Rudie	C & Co
R. P. Campbell	C & Co
Greg Kujawa	U of M
Gary Hall	HSAE
 	
Dick Carlson	HSAE
* Duane Blanchard	HSAE
* John Scott	TAC
Ray Anderson	Hayes Contr.
O. W. Hughes	U of M
Jack Frerichs	Wm. Poppenberger & Son
Tyrone Berg	Wm. Poppenberger & Son
Jim Fallon	U of M
* Paul Kopietz	U of M
* Wally Mellum	U of M
Steve Greene	U of M
Gene Kogl	U of M
Pat Whalen	Sheehy
Dan Walgenbach	Sheehy
John Roettger	Sheehy
John Bellair	Premier
* K. B. Fick	Sheehy

* Not Present

REVIEW OF MINUTES:

- ✓1. Roettger - Brandt Air-Flex railing for escalator 1st April.
Carlson - Shop drawings not approved, might be able to make it.
- ✓2. Campbell - No hollering on completion date Nov. 29, 1977
of last print out early start needed on all itmes. Shop
drawings must be completed.
- ✓3. Kogl - Mod. prices over 30 days, show actual price differential
owner liable for it.
- ✓7. Frerichs - No answer yet.
- ✓8. Lindholm - Temp, strainer, etc. on existing system may be
needed to start unit end of month.
✓Anderson - No problem mech. Premier - lighting people need to
clean up roof A.
✓Belair - No Problem.
- ✓9. Carlson - Auditorium seating shop drawing in - not approved.
Problem, not enough seats. Working on this with supplier.
✓John - Pour deck in 3 weeks if possible.
- ✓10. Carlson - Mods 119 issued - 72 Final - 4 rejected - 40
in process - 3 on time.
- ✓11. Roettger - Need room 3-75 at once.
✓Frerichs - How do we put in grid?
✓Bellair - Room 232 - Tray being reworked - Room 235 - No Work
going on now. How to get paid.
✓Swanson - Letter coming out on responsibility.

G. HALL

NEW BUSINESS

- ✓1. Walgenbach - Painting schedule needed.
Carlson - Issued for 12-11-VAT Also issued - others will follow.
- ✓2. Roettger - Light fixture needed badly.
Bellair - Week of 28th, will send full trucks. Less chance of loss.
- ✓3. Walgenbach - Brandt Air Flex closers approved, dollars still in question.
- ✓4. Roettger - 9th floor ceiling schedule Mon. Clean up needed. Friday clean up day. Hughes will go thru at 1:30 today and assign responsibility as to clean up of subs.
- ✓5. Bellair - Energizing of primary. Punch list 50% in error. Wally Mellon on vacation. Need to apply for check of punch list.
2:30 MONDAY MAR. 28, 77
- ✓6. Magnuson - Power to elevator needed. Nothing done in machine rooms promised for 1st of March.
- ✓Bellair - Trash chute in way. Will put men on to pipe machine rooms.
- ✓7. Kogl - Dust on Delaware trash chute to box needs cover.
- ✓8. Greene - Water in Diehl Hall damage to material and labor for clean up bill coming.
- ✓9. Frerichs - Need color for light cove - something in writing.
- ✓Carlson - Coming Mod. 105. Separate price booking only. Mod 110 will not be issued for quotes.
- ✓10. Hastert - Want meeting on grounding of electrical service.
- ✓11. Hendricks - How soon Delaware be opening sidewalk along A Bldg.
- ✓Roettger - 2 weeks or so as we just received air shaft galv. iron back.
- ✓12. Hendricks - Swing stage on Delaware needs to be more safely operated.
- ✓13. Fallon - Need manuals on switch gear before ~~energizing~~ ^{ACTUATING}.
- ✓14. Hughes - Reject Mod. 119?
Hendricks - Will check on light stairway east of air shaft unit ~~at~~ A.

SHEEHY SCHEDULE

3-16-77

WED. 3-16-77

BA. MTL SOFFIT. 9TH FL

S. POUR SOG ST-8

BA. AM DIVIDER 11TH FL

J.N. PAINTER - 12TH FL START

P. F.P. AUDITORIUM COMP.

P. LEAD 12TH FL.

THUR. 3-17-77

BA. LITE COVE. 11TH FL

S. POUR SOG ST-8

S. BL. START AUDITORIUM

P. LATH 11TH FL LINK

P. G-4220. TAPER 2ND FL

FRI. 3-18-77

BA. LITE COVE 9TH FL

S. POUR SOG ST 7

P. DRYWALL 11TH FL COMP

S. WALL FTG. S-36

CLEAN UP DAY

PARK - ELEV PIT ROCK Exc.

MON. 3-21-77

P. 53839. CEIL. - 9TH FL START ✓

MEP. START WALL FORMING S-36

P. TAPER. 11TH FL START

PARK - FTGS. MAYO. ROCK Exc

P. LEAD LATH. 1ST FL XRAY

S. START FORMING R40. SLAB

TUES. 3-22-77

P. 64210 - DRYWALL ST. 0-9 EAST. COMP.

BA. - 5-2556 - RAD SUP. 6TH FL

✓ 3-3512. CERAMIC. 12TH FL

P. LEAD 11TH FL START

S. 1-6105. FTG. K.E. + DIEHL

WED. 3-23-77

BA. MTL SOFFIT + LITE COVE. STAIR

MON. 3-28-77

S. POUR COL. MAYO

THUR. 3-24-77

S. POUR FTGS. MAYO

TUES. 3-29-77

SANDER - COMP. FLR - 12TH

FRI. 3-25-77

P. COMPLETE ALL CORES. 13-14-15

CLEAN UP DAY

PREMIER - 4TH FLOOR STORAGE AREA IS SHELL SPACE ONLY

MAR 17-23-1977

PREMIER WORK
Schedule

5-4421 BRANCH CONDUIT WALLS 11TH FLOOR
6-3910 BRANCH CONDUIT CEILINGS 1ST FLOOR
6-4410 BRANCH CONDUIT WALLS 1ST FLOOR
2-5310 ENERGISE HIGH VOLTAGE SW GEAR
5-4321 BRANCH WIRE - CEILINGS 11TH FLOOR
5-4521 BRANCH WIRE WALLS 11TH FLOOR
FIRE ALARM & SPEAKER SYSTEMS
6-4310 BRANCH WIRE CEILING 1ST FLOOR
6-4510 BRANCH WIRE WALLS 1ST FLOOR
6-7810 SURGICAL LT SUPPORTS 1ST FLOOR
PANEL FEEDERS 8TH & 9TH
"A" FIXTURES INTEGRATED CEILINGS
BRANCH CONDUIT NO. WALL 1ST FLOOR

Plumbing

- 1) 4-2123 - 4-2178 All cores 10-15
- 2) 6-0419 Rough-in stack 8 1st FL. Complete.
- 3) 6-0428 Rough-in stacks 8+9 2nd Floor.
- 4) 8-0415 Horiz rough-in stacks 4-6 15th FL.
- 5) sleeve + insert as necessary.
- 6) IN WALL WORK ON THE 11th Floor.
- 7) IN WALL WORK 1st Floor stacks 0-9
- 8) IN WALL WORK 2nd Floor.
- 9) LAYOUT IN MAYO HOSP.
- 10) Rough-in waste, vent, + water MAYO HOSP.

Heating

- 1) sleeve + insert as necessary
- 2) 4-2123 - 4-2478 cores 10-15
- 3) 5-1421 - Horiz. Heating 11th FL Complete
- 4) 5-2612 - Heating Finish 12th Floor
- 5) 5-2812 - Radiation Enclosure - 12th Floor
- 6) 6-1419 - Horiz. Rough-in 1st FL. stack 8
- 7) 6-1422 - Horiz. Rough-in 2nd FL. stack 8+9.
- 8) 7-1415 - Horiz. rough-in 15th Floor.
- 9) 8-1403 A - Heating MAINS - BASEMENT
- 10) 8-1410 A - " " 10th FL.
- 11) 8-1410 B - STANDS + EQUIP. 10th FL.
- 12) 8-1415 A - Heating MAINS 15th FL.

Sheet metal

- 1.) 7603 - FAB. deliver Air Filtration Equip.
- 2.) 4-1423 - 4-1478 CORES 11-15
- 3.) 5-0621 - Horiz. Duct work 11th Floor.
- 4.) 5-0639 - " " " 9th Floor.
- 5.) 6-0619 - Horiz. Duct stack 8 1st Floor.
- 6.) 6-0628 " " Stack 8+9 2nd Floor.
- 7.) Sleeve + insert AS NECESSARY
- 8.) 8-0603
- 9.) 8-0604
- 10.) 8-0606
- 11.) 8-0609
- 12.) 8-0610
- 13.) 8-0615 - 15th FL. EQUIP ROOM.

Pipe Covering

- 1.) 4-2833 - 4-2878 CORES 10-15
- 2.) 5-1821 - Pipe covering 11th Floor complete.
- 3.) 5-1839 - " " 9th Floor
- 4.) 6-1819 " " 1st FL. Stack 8
- 5.) 6-1822 " " 2nd FL. Stack 8+9

SPRINKLER FITTERS

- 1.) 8-1603 Horiz. Rough-in Base. Equip. Room
- 2.) 8-1616 " " 10th FL. EQUIP. ROOM
- 3.) Sleeve + insert AS NECESSARY.

/ O.D.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
51-P *	Floor sleeves to alleviate spilled or over-flow liquid migration between floors	General Electrical Mechanical	9/1/76	To E.C. for quotation
55-A *	Revise certain features of the work in 1st floor - west areas rooms 1-395&1 - 396	General Electrical Mechanical	10/4/76	To G.C. for quotation Architect evaluating Mech. Problem
56-P	Make provisions for future expansion of U/M Hospital operating room addition	General Electrical Mechanical	10/5/76	To U.M. for signature FINAL
58-E	Move waste piping from above transformers on 10th floor rooms 102 & 103	General Mechanical	10/13/76	To U.M. for signature FINAL
59-E	To avoid overheating animals if control air is lost	Mechanical Electrical	10/18/76	To U.M. for signature FINAL
62-E	Credit allowance for permitting substitution of dampered steam preheat coils other than the specified model	Mechanical	11/3/76	To U.M. for signature FINAL
66-P *	Revise provisions for electrically locked unlocked exit devices & electro-magnetic hold	General Electrical	11/10/76	To Arch. for Evaluating
69-P *	Accomodate revised program requirements of the hospital revise a portion of the 2nd floor	General Mechanical Electrical	11/16/76 2/25/77	To G.C., M.C. for quotations
72-E *	Revise and clarify temporary electrical service installation	Electrical	12/3/76	To U.M. for Evaluation
73-P *	Improve function of information area rooms 2-161 and 3-89	General Electrical	12/6/76	To Arch. for Evaluating
76-P *	Improve coordination of ceiling items rooms 11-149 and 11-150	General Electrical Mechanical	12/7/76	To Arch. for Evaluating To contractors for signature Problem with Electrical Contract
79-E *	Allow for future variable speed pumping in Unit A secondary chilled water systems complete compatability between Units A & B/C.	Mechanical Electrical	1/10/77	To G.C. for quotation M.C.

MOD.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
80-P *	Revisions to Electrical specs. & drawings see modification	Electrical	1/10/77	To Arch. for evaluating
81-P *	Misc. revisions G.C., M.C., & E.C. omissions and relocations--see modifications	Electrical General Mechanical	1/10/77	To E.C. for quotation
82-P *	Revise certain features of 1st floor 1-317 Urology support and room 1-318	General Electrical Mechanical	1/10/77	To Arch. for evaluating Electrical & Mechanical Contractor
83-P *	Construct new room 6-167 storage for family practice 6th floor--see modification	General Mechanical Electrical	1/10/77	To E.C. for quotation
84-P *	To provide dimmer control of fixtures in certain rooms of Ambulatory surgery see modification	Electrical	1/10/77	To Arch. for evaluating REJECTED
85-P *	Code requirements see modification	Mechanical Electrical	1/12/77	To Arch. for evaluating Mechanical Contractor Problem
86-P	1st floor east power revisions in various rooms	Electrical	1/10/77	Time and material
87-P	Revisions -- see modification	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
89-P	Electrical revisions rooms 3-165, 166, 167, and 168 See modifications	Electrical	1/10/77	REJECTED Arch. evaluating
90-P *	Telephone Services recommendation	General Electrical	1/31/77	To Arch. for evaluating
91-E *	Conflict on 5th floor core 31 door 31 and steel bracing	General Electrical	1/31/77	To Arch. for evaluating

MOD.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
94-P *	Modifying rooms 11-107, 108, 108A, 109, adn 110	General Electrical Mechanical	2/9/77	To M.C., E.C. for quotations
95-P *	Changes to room 8-157	General Electrical	2/11/77	To E.C. for quotations
96-P *	Change a portion of room 8-140 into rooms 8-81, 162, 163, and 165	General Mechanical Electrical	2/11/77	To M.C. for quotations
97-P *	Revise room 1-192	General Mechanical Electrical	2/11/77	To M.C., E.C. for quotations
98-P *	Revises toilet room 1-103--see modification	General Mechanical Electrical	2/25/77	To Contractors for quotations
99-E *	Adding F.E. cabinet in basement	General	2/25/77	To G.C. for quotation
101-P *	Omit concealed soap dispensers in exam rooms	Mechanical	2/25/77	To M.C. for quotation
102-P *	Increase the light level & rendition in exam, par, & treatment rooms	Electrical	2/25/77	To E.C. for quotation
103-P *	Furnish padlock hasps on lockers in certain rooms--see modifications	General	2/25/77	To G.C. for quotation
104-P *	Omit sprinkler heads which interfere with operation of power files--see modifications	General Mechanical	2/25/77	To G.C., MC for quotation
105-P *	Modify a portion of the 7th floor link for cart storage	General Mechanical Electrical	2/25/77	To contractors for quotations
106-A	Cost reduction, controls simplification	Electrical	3/8/77	No quotation

MOD.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
107-E	Omit all automatic air vents and 3/4" unions specified to be installed on top of all hydronic supply & return risers	Mechanical	3/9/77	No quotation
108-E	Omit all flanged spool pieces	Mechanical	3/9/77	No quotation
109-A	Omit the air blenders specified for the 100% outside air units	Mechanical	3/9/77	No quotation
110-P	Adds Room 8-72, 166, 167, 168	General Mechanical Electrical		Rejected
111-P	Modify rooms 2-57, 2-58 and portions of the existing adjacent Mayo Hospital	General Mechanical Electrical	3/9/77	No quotation
112-P	Provide additional storage casework in Room 2-146 work area	General Electrical	3/7/77	No quotations
113-E	Modify core 26 on 9th floor	General	3/7/77	No quotations
114	Revises 3rd floor west plaza drainage system part of mod 47-P	Mechanical	3/8/77	No quotations
115-E	Omit field painting of perimeter steel	General	3/8/77	U.M. FINAL for signature
116-P	Omits cash allowance for radiology area	General Mechanical Electrical	3/6/77	Cont. Sign.
117-P	Adjust difference between the auditorium seating subcontract bid amount and the allowance amount	General	3/4/77	U.M. FINAL for signature
118-E	Cost credit to owner for omission of certain stainless steel flashing below plaza	General	3/1/77	U.M. FINAL for signature



KOGL 2/11/77
2/11/77
2/11/77

SHEEHY CONSTRUCTION COMPANY

360 WEST LARPEUR AVE. • ST. PAUL, MINNESOTA 55113 • PHONE: 428-6691

MINUTES OF JOB MEETING UNIT B/C #58
MARCH 24, 1977

PEOPLE IN ATTENDANCE:

Paul Maupin	U of M
Joe Palla	U of M
Jim Hastert	U of M
Rich Sievers	Honeywell, Inc.
Joe McCormick	U of M
R. P. Campbell	Campbell & Company
Jim Culligan	Premier Electric
* John Bellair	Premier Electric
Gene Kogl	U of M
Dick Hendricks	U of M - Physical Plant
Dick Carlson	HSAE
* Duane Blanchard	HSAE
* John Scott	TAC
* Greg Kujawa	U of M
Bob [redacted]	[redacted]
O. W. Hughes	U of M
* Felix Hernandez	Mosler
* Tyrone Berg	Wm. Poppenberger & Son
Jack Frerichs	Wm. Poppenberger & Son
Steve Greene	U of M
Ray Anderson	Hayes Contractors
Jim Fallon	U of M
* Paul Kopietz	U of M
* Wally Mellum	U of M
Pat Whalen	Sheehy
John Roettger	Sheehy
* Ken Fick	Sheehy

* Not Present

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

MINUTES OF JOB MEETING UNIT B/C #58
MARCH 24, 1977

REVIEW OF MINUTES

1. Page 2, Item 3 - Kogl corrects it to read "If a contractor can substantiate increased cost for delays over 30 days, they will be considered." Page 2, Item 7 - Should read "The question has not been solved. This concerns the additional acoustic work." Page 3, Item 5 - Kogl points out it is Bellair's opinion that the punchlist is 50 percent in error. Page 3, Item 13 - The switchgear manuals are required prior to acceptance.
2. The painting schedule was issued 22 Mar 77 but needs further clarification.
3. Culligan - 200 C and C3 fixtures are shipping 29 Mar 77. All the C4's will be out on 01 Apr 77. They are not coming from Tokyo.
4. Roettger - The fitters and tinnners were not ready to start the 9th floor. They should be ready to start the ceilings on 28 Mar 77. Nine weeks is too long and he asked improvement on 8th and 6th floors.
5. Culligan - Primaries will be energized at 8:30 a.m. on the 28th and this will take power to the elevators.
- ✓6. Kogl - There will be two change orders concerning Delaware, one covering the interim and one covering the final.
- ✓7. Hughes - Mod 119 will be reissued.
- ✓8. Hendricks - The light in the stairway east of the air shaft is connected to Unit A and will stay that way.

NEW BUSINESS

- ✓9. Carlson - The auditorium shop drawings are not acceptable. They will change to the side aisle steps only.

- ✓10. Roettger - Requested the electrician move his material on the shell space on 4 to allow work to begin on that floor.
- ✓11. Anderson - The three boxes installed under Mod 76 be verified and Hughes assumed the responsibility.
- ✓12. Carlson - Sent out a letter dated 23 Mar 77 spelling out the balance of the general shop drawings required. Anderson - They have one shop drawing left. Culligan - They are clean.
- ✓13. Hendricks - The machine room doors (B150) had been left open and requested that they be closed and locked.
- ✓14. Hendricks - Requested that welding arcs be shielded in the garage.
- ✓15. Roettger - The door to Unit A on 11 and 12 must be opened for work and will prosecute any surviving trespassers that go into Unit A.
- ✓16. Sievers - Temperature control shop drawings submitted 09 Feb 77 are not returned.
- ✓17. Campbell - Mod 94 is critical, it turns out to be a \$79 credit tempest in a teapot and does not impact the schedule. Indicates criticality of 76P which everyone agreed on.
- ✓18. Roettger - Was advised that Mod ~~72~~⁷⁰ has been finalized.
- ✓19. Campbell - West area is critical - His office will be working with contractors to try to improve the schedule.
- ✓20. Fallon - Refer to section numbers in correspondence. Anderson - Doesn't write any letters.
- ✓21. Greene - Test cuts have been made for the roof damage. Roettger - Southeast section is coming out 10th floor, Industrial Coatings is responsible. Will test northeast section. Hayes is responsible. Anderson disagrees.
- ✓22. Hughes - This will be the sample required in the specs.

- ✓23. Hughes - The MTS in the west area is not coordinated for mechanical and electrical and indicates bad problems. Anderson - Also inside the existing Mayo, inside the existing construction limits and conflicts with Mod 55. Maupin - Put in the MTS and everybody go around. Kogl - Maupin will go back to TAC for coordination.
 - ✓24. Hughes - There will be a meeting on 28 Mar 77 on the problems in the x-ray suite.
 - ✓25. Hughes - There will be a meeting with the mechanical contractor on 28 Mar 77 for work on Mods 55, ~~76, 81~~, 82, 83 and 85.
 - ✓26. Roettger - Contractors have all gone by the area covered by Mod 94.
 - ✓27. Kogl - All mods should be turned around in no more than two weeks by everyone responsible. Roettger - The long time considering mods is ridiculous. Further questioned if he made a breakdown and missed an item, would it be negotiable. Kogl - Will be ^{reasonable} responsible on that. Kogl - The University and the architect are turning the modifications around expeditiously. Nobody disagreed. Roettger - There should be a deadline on mods to allow contractors to close out Phase I construction. Maupin - Mods will almost cease after the interface mods.
 - ✓28. Fallon - Need quotes on 105 on the 7th floor. Campbell - Currently there is no restraint on the completion of this mod. Maupin - We want the restraint placed on to complete 105 by July of 1977. Roettger - Work on Mod 105 will take 30 calendar days.
 - ✓29. Fallon - Mod 96 should be pushed to eliminate holdup on 8th floor.
- ✓ (The temporary sextary appreciates the effort to minimize B.S. Much improvement must be made)

SHEEHY SCHEDULE

3-16-77

WED. 3-16-77

BA. MTL SOFFIT. 9TH FL

S. POUR SOG ST-8

BA. AM DIVIDER 11TH FL

J.N. PAINTER - 12TH FL START

P. F.P. AUDITORIUM COMP.

P. LEAD 12TH FL.

THUR. 3-17-77

B.A. LIFE COVE. 11TH FL

S. POUR SOG ST-8

S. BL. START AUDITORIUM

P. LATH 11TH FL LINK

P. G-4220. TAPER 2ND FL

FRI. 3-18-77

B.A. LIFE COVE 9TH FL

S. POUR SOG ST 7

P. DRYWALL 11TH FL COMP

S. WALL FTG. S-36

CLEAN UP DAY

PARK - ELEV. PIT ROCK Exc.

MON. 3-21-77

P. 53839. CFIL - 9TH FL START ✓

PREP. START WALL FORMING S-36

P. TAPER. 11TH FL START

PARK - FTGS. MAYO. ROCK ELL

P. LEAD LATH. 1ST FL XRAY

S. START FORMING R40. SLAB

TUES. 3-22-77

P. 64210. DRYWALL ST. 0-9 EXT. COMP.

BA. - 5-2556. RAD SUP. 6TH FL

✓ S-3512. CERAMIC. 12TH FL

P. LEAD 11TH FL START

S-1-6105. FTG. K.E. + DIEHL

WED. 3-23-77

B.A. MTL SOFFIT + LIFE COVE. ST. FL

MON. 3-28-77

S. POUR COL. MAYO

THUR. 3-24-77

S. POUR FTGS. MAYO

TUES. 3-29-77

SANDER - COMP. FLR - 12TH

FRI. 3-25-77

P. COMPLETE ALL CORES. 13-14-15

CLEAN UP DAY

PREMIER - 4TH FLOOR STORAGE AREA IS SHELL SPACE ONLY

MAR 17-23-1977

PREMIER WORK
Schedule

5-4421 BRANCH CONDUIT WALLS 11TH FLOOR
6-3910 BRANCH CONDUIT CEILINGS 1ST FLOOR
6-4410 BRANCH CONDUIT WALLS 1ST FLOOR
2-5310 ENERGISE HIGH VOLTAGE SW GEAR
5-4321 BRANCH WIRE - CEILINGS 11TH FLOOR
5-4521 BRANCH WIRE WALLS 11TH FLOOR
FIRE ALARM, ¹/₃ SPEAKER SYSTEMS
6-4310 BRANCH WIRE CEILING 1ST FLOOR
6-4510 BRANCH WIRE WALLS 1ST FLOOR
6-7810 SURGICAL LT SUPPORTS 1ST FLOOR
PANEL FEEDERS 8TH & 9TH
"A" FIXTURES INTEGRATED CEILINGS
BRANCH CONDUIT NO. WALL 1ST FLOOR

Plumbing

- 1) 4-2123 - 4-2178 All cores 10-15
- 2) 6-0419 Rough-in stack 8 1st FL. Complete.
- 3) 6-0428 Rough-in stacks 8+9 2nd Floor.
- 4) 8-0415 Horiz rough-in stacks 4-6 15th FL.
- 5) sleeve + insert as necessary.
- 6) in wall work on the 11th Floor.
- 7) in wall work 1st Floor stacks 0-9
- 8) in wall work 2nd Floor.
- 9) Layout in Mayo Hosp.
- 10) Rough-in waste, vent, + water Mayo Hosp.

Heating

- 1) Sleeve + insert as necessary
- 2) 4-2423 - 4-2478 cores 10-15
- 3) 5-1421 - Horiz. Heating 11th FL Complete
- 4) 5-2612 - Heating Finish 12th Floor
- 5) 5-2812 - Radiation Enclosure - 12th Floor
- 6) 6-1419 - Horiz. Rough-in 1st FL. stack 8
- 7) 6-1422 - Horiz. Rough-in 2nd FL. stack 8+9.
- 8) 7-1415 - Horiz. rough-in 15th Floor.
- 9) 8-1403 A - Heating Mains - Basement
- 10) 8-1410 A - " " 10th FL.
- 11) 8-1410 B - STANDS + EQUIP. 10th FL.
- 12) 8-1415 A - Heating Mains 15th FL.

Sheet metal

- 1.) 7603 - FAB. deliver AIR Filtration EQUIP.
- 2.) 4-1423 - 4-1478 CORES 11-15
- 3.) 5-0621 - Horiz. Duct work 11th Floor.
- 4.) 5-0639 - " " " 9th Floor.
- 5.) 6-0619 - Horiz. Duct stack 8 1st Floor.
- 6.) 6-0628 " " stack 8+9 2nd Floor.
- 7.) Sleeve + insert AS NECESSARY
- 8.) 8-0603 }
9.) 8-0604 } BASEMENT EQUIP. ROOM
10.) 8-0606 }
- 11.) 8-0609 } 10th FL. EQUIP. ROOM
12.) 8-0610 }
- 13.) 8-0615 - 15th FL. EQUIP ROOM.

Pipe Covering

- 1.) 4-2833 - 4-2878 CORES 10-15
- 2.) 5-1821 - Pipe covering 11th Floor complete.
- 3.) 5-1839 - " " 9th Floor
- 4.) 6-1819 " " 1st FL. stack 8
- 5.) 6-1822 " " 2nd FL. stack 8+9

SPRINKLER FITTERS

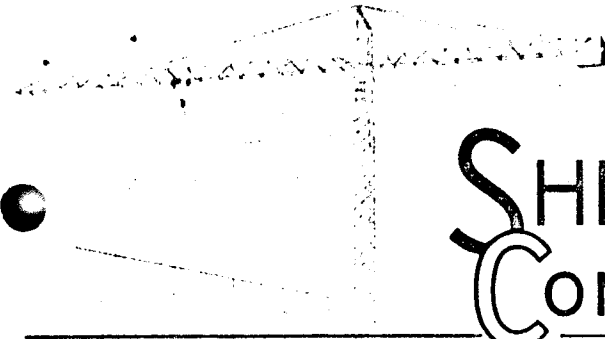
- 1.) 8-1603 Horiz. Rough-in Base. EQUIP. ROOM
- 2.) 8-1616 " " 10th FL. EQUIP. ROOM
- 3.) Sleeve + insert AS NECESSARY.

20.	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
51-P*	Floor sleeves to alleviate spilled or over-flow liquid migration between floors	General Electrical Mechanical	9/1/76	To E.C. for quotation
55-A*	Revise certain features of the work in 1st floor west areas rooms 1-395&1 - 396	General Mechanical Electrical	10/4/76	To G.C., M.C. for quotation
66-P*	Revise provisions for electrically locked unlocked exit devices & electro-magnetic hold	General Electrical	11/10/76	To Arch. for evaluating
69-P*	Accomodate revised program requirements of the hospital revise a portion of the 2nd flr	General Mechanical Electrical	11/16/76	To G.C., M.C. for quotation
72-E*	Revise and clarify temporary electrical service installation	Electrical	12/3/76	To U.M. for evaluation
73-P*	Improve function of information area rooms 2-161 and 3-89	General Electrical	12/6/76	To Arch. for evaluation
76-P*	Improve coordination of ceiling items rooms 11-149 and 11-150	General Electrical Mechanical	12/7/76	To E.C. for quotation To Arch. for quotation
79-E*	Allow for future variable speed pumping in Unit A secondary chilled water systems complete compatability between Units A & B/C	Mechanical Electrical	1/10/77	To M.C. for quotation
80-P*	Revisions to Electrical specs. & drawings - see modifications	Electrical	1/10/77	To Arch. for evaluation
81-P*	Misc. revisions G.C., M.C., & E.C. omissions and relocations--see modifications	Electrical Mechanical General	1/10/77	To Arch for evaluation
82-P*	Revise certain features of 1st floor 1-317 Urology support and room 1-318	General Mechanical Electrical	1/10/77	To M.C. for quotation
83-P	Construct new room 6-167 storage for family practice 6th floor-- see modification	Electrical General Mechanical	1/10/77	To E.C. for quotation To M.C. for quotation

	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
85-P*	Code requirements--see modification	Mechanical Electrical	1/12/77	To M.C. for quotation
86-P*	1st floor east power revisions in various rooms	Electrical	1/10/77	Time and material
87-P*	Revisions - see modification	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
90-P*	Telephone Services recommendation	General Electrical	1/31/77	To Arch. for evaluation
91-E*	Conflict on 5th floor core 31 door 31 and steel bracing	General Electrical	1/31/77	To Arch. for evaluation
94-P*	Modifying rooms 11-107, 108, 108A, 109, and 110	General Electrical Mechanical	2/9/77	To M.C., E.C. for quotations
95-P*	Changes to room 8-157	General Electrical	2/11/77	To Arch. for evaluation
96-P*	Change a portion of room 8-140 into rooms 8-81, 162, 163 and 165	General Mechanical Electrical	2/11/77	To M.C. for quotations
97-P*	Revise room 1-192	General Mechanical Electrical	2/11/77	To M.C., E.C. for quotations
98-P*	Revises toilet room 1-103--see modification	General Mechanical Electrical	2/25/77	To Contractors for quotations
99-P*	Adding F.E. cabinet in basement	General	2/25/77	To G.C. for quotations

	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
101-P*	Omit concealed soap dispensers in exam rooms	Mechanical	2/25/77	To M.C. for quotation
102-P*	Increase the light level and rendition in exam, par, and treatment rooms	Electrical	2/25/77	To E.C. for quotation
103-P*	Furnish padlock hasps on lockers in certain rooms--see modifications	General	2/25/77	To G.C. for quotation
104-P*	Omit sprinkler heads which interfere with operation of power files--see modifications	General Mechanical	2/25/77	To G.C., M.C. for quotation
105-P*	Modify a portion of the 7th floor link for cart storage	General Mechanical Electrical	2/25/77	To contractors for quotations
106-A	Cost reduction, controls simplification	Electrical	3/8/77	To E.C. for quotations
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	To M.C. for quotations
108-E	Omit all flanged spool pieces	Mechanical	3/9/77	To M.C. for quotations
109-A	Omit the air blenders specified for the 100% outside air units	Mechanical	3/9/77	To M.C. for quotations
111-P	Modify the rooms 2-57, 2-58 and portions of the existing adjacent Mayo Hospital	General Mechanical Electrical	3/9/77	To Contractor for quotations
112-P	Provide additional storage casework in Room 2-146 work area	General Electrical	3/7/77	To G.C., E.C. for quotations
113-E	Modify core 26 on 9th floor	General	3/7/77	Cancelled

	DESCRIPTION	CONTR	DATE ISSUED	COMMENTS
114.	Revises 3rd floor west plaza drainage system part of mod 47-P	Mechanical	3/8/77	To M.C. for quotations
116-P	Omits cash allowance for radiology area	General Mechanical Electrical	3/9/77	To M.C., E.C. for signature
119-E	Facilitate the future installations of elevator No. 1 machine equipment	General Electrical Mechanical	3/4/77	Rejected
120-P	Revise the admitting/cashier office area on Floor 2	General Mechanical Electrical	3/25/77	To Contractors for quotations
122-P	Modify portions of Room 1-232, 1-235, 1-240, 1-242	General Electrical	3/23/77	To G.C., E.C. for quotations
123-E	Modify the Unit B/C, Plaza substrate Design	General	3/25/77	To G.C. for quotation
124-E	Modify the Unit B/C Roof insulation and built-up roofing		3/25/77	To G.C. for quotation
125-P	Modify elevator #11 in Unit A		3/24/77	To G.C., E.C. for quotation
127-A	Modify Panel Heating System 1st floor West 1-369	General Mechanical	3/28/77	To G.C., M.C. for quotation
128-A			3/29/77	To G.C., M.C. for quotation



SHEEHY CONSTRUCTION COMPANY

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

MINUTES OF JOB MEETING UNIT B/C #59
MARCH 31, 1977

PEOPLE IN ATTENDANCE:

Paul Maupin	U of M
Joe Palla	U of M
Jim Hastert	U of M
Rich Sievers	Honeywell, Inc.
Joe McCormick	U of M
R. P. Campbell	Campbell & Company
Jim Culligan	Premier Electric
* John Bellair	Premier Electric
Gene Kogl	U of M
Dick Hendricks	U of M - Physical Plant
Dick Carlson	HSAE
* Duane Blanchard	HSAE
* John Scott	TAC
Greg Kujawa	U of M
Bob Swanson	U of M
O. W. Hughes	U of M
* Felix Hernandez	Mosler
* Tyrone Berg	Wm. Poppenberger & Son
* Jack Frerichs	Wm. Poppenberger & Son
Steve Greene	U of M
Ray Anderson	Hayes Contractors
Jim Fallon	U of M
* Paul Kopietz	U of M
Wally Mellum	U of M
Pat Whalen	Sheehy
John Roettger	Sheehy
Ken Fick	Sheehy
Al Marchese	Mosler
Jim Lang	Poppenberger

* Not Present

RECEIVED APR 2 1977

JOB MEETING #59
Thursday, 31 Mar 76

CORRECTIONS TO MINUTES:

- ✓17. Modification 76 was a \$79 tempest. - 76 is still critical.
- ✓18. It was Mod 70 that was finalized.
- ✓22. There will be additional samples required for testing on the roof.
- ✓27. Change "responsible" to "reasonable."

REVIEW OF MINUTES:

- ✓9. Carlson - will provide auditorium seating drawings by Wednesday, 06 Apr 77, to allow Roettger to proceed.
- ✓12. Carlson - has rechecked mechanical and electrical and issued letters to both for outstanding shop drawings. Anderson - the letter is incorrect in some cases.
- ✓16. Temperature control shop drawings were submitted on 09 Feb 77. However, Premier did not submit to HSAE until 23 Mar 77.
- ✓21. Roettger - the roofing contractor has pictures of the material piled on the roof and will present bills and evidence to University for action.
- ✓23. Maupin - they will have coordination started on the MTS in the west area during the week of 04 Apr 77.
- ✓27. Carlson - the last interface Mod 129 will be issued in the near future.
Roettger - ceiling and wall work is proceeding in that area now and will proceed until they receive Mod 129.

NEW BUSINESS:

- ✓30. Fick - questioned the completion of admissions area. Carlson - this is Mod 120 now issued.
- ✓31. Fick - there will be no credit on plastic laminate deletions after 13 Apr 77.

- ✓32. Fick - need approval of the revised color on Brant Airflex lighting coves and exit devices.
- ✓33. Culligan - podium boxes 6 inches deep are scheduled to go in 4 inch slabs. Will take 3 to 4 weeks to get 4 inch boxes and there will be a restocking charge.
- ✓34. Culligan - any connections required for starting up of air conditioning units for Unit A? Anderson - no. Hendricks - no.
- ✓35. Culligan - Kvalsten is knocking off fireproofing and Premier disclaims patching for work that they do not knock off.
- ✓36. Culligan - when would you prefer to have the outage for motor control center B-4? Mellum - now is best.
- ✓37. Fick - who makes the test on the fireproofing? Poppenberger - us.
- ✓38. Marchese - will start erecting the vertical duct on the 9th floor tomorrow. Roettger - we will run ceilings through ahead of you and remove as necessary. Marchese - we anticipate interference with cable tray on one floor. Marchese - what is schedule for ceiling? Campbell - it is all in the schedule. Marchese - we want nothing passing through the telelift room.
- ✓39. Hughes - switches for the telelift are not shown and will have to be watched. Roettger - we are checking it with Mosler. Hughes - Felix Hernandez will be in 06 Apr 77 with the final shop drawings 1-12 for distribution. These will show power locations. Premier will need a modification to proceed to supply power to the locations shown.
- ✓40. Hughes - general contractor is working in the restricted area south of S36 during regular hours. This should be checked out. Roettger - we are working with the demolition on noise type of equipment on the 4 to 8 shift. Hughes - the area south of S35 is the radiation area and it should be rechecked and

the daily bulletin adhered to.

- ✓41. Green - who monitors radiation? Hughes - University of Minnesota. Hughes - once the soil is out, all south of S36 is an exposed area to the radiation. Roettger - in that area all work will be done during off hours or with older fellows. Hughes - the mechanical and electrical should be aware of these restrictions also.
- ✓42. Carlson - Mod 113 is rejected and will be voided and superceded. The following mods issued prior to now - 120P, 123E, 124E, 125P, 126P, 127A and 128A.
- ✓43. Hendricks - we need the covering on the chilled water piping in A and B/C to the valves prior to startup - has the piping been tested? McCormick - the piping has been tested but not flushed. Hendricks - is the cooling tower ready to go? Anderson - the cooling tower is set but is not piped. Hendricks - can it be piped after the pans are full? Anderson - yes.
- ✓44. Hendricks - over in Coffman the Joy fans are hard to inspect and lube the equipment for turning the blades. Hughes - McCormick will check and advise on how the situation should be handled.

SHEEHY SCHEDULE

3-30-77

WED. 3-30-77

P. 5-3839. C.FIL 9TH FL
S. FORM AUDITORIUM
SPN. PRECAST. BSMT RM 106

Wn. Elev. Hyd. Start
S. POUR CONCRETE HOLES
BR. CONP. LT CORR 9TH FL
P. MET. PAN. BRIDGE 1-2-3-4

THUR. 3-31-77

2P. WALLS FIT TO GEN - 9TH FL
P. 6-4210. DRYWALL. TAPE 1ST FL
REP. FORM WALL S. 36

JN. PAINT - 12-7-2-11-
1-3515 WP. S-47 - FLOOR
S. FIBS. K&L TOWER

FRI. 4-1-77

S. BL. START AIR CH. BSMT
P. CLEAN 12TH FL. SLAB FOR
CLEAN-UP DAY

S. POUR FIBS - MECH
P. TAPER CORR. 11TH FL
BR. FIB COVERS - 12-11

MON. 4-4-77

SANDER. START CORR FLR - 12TH FL
CERAMIC. 11+12TH FL
* P. BLACK IRON. CEIL - 1ST FL

BR. SOFFIT. LT CORR. 4TH FL
P. DRYWALL - 8TH FLOOR
E4S. START 8TH FL

TUES. 4-5-77

BR. SOFFIT - LITE CORR - 8TH FL
P. WALL STUDS - 9TH FL
S. FORM. ST BRK. MECH. MECH

P. F.P. CORR. BSMT WEST
WV. CORR. MISC. INSHL.

WED. 4-6-77

P. LEAD SOUND BARRIER CORR - 11

MON. 4-11-77

E4S. START - 4TH FL

THUR. 4-7-77

SPN. PRECAST AIR CH. BSMT

TUES. 4-12-77

* P. LATR. CEIL - 1-2-3

FRI. 4-8-77

MOESLER - WE NEED N.W. CORNER OF 1ST FL.