

Unit B/C - Progress Meeting Notes

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: Duane E. Blanchard  
DATE: 3 August 1977  
SUBJECT: Unit B/C Progress Meeting  
PRESENT: Messrs; Maupin, Nelson, Dickler, Kujawa, Swanson,  
Kogl, Carlson, Blanchard and Ms. Satorius.  
NOTE: Next Progress Meeting August 31, 1977 at 10:00 AM.

ITEM	ACTION/RESPONSE																
1. Project Schedule.	Paul Maupin reported that he has been advised that the K/E tunnel link to Unit B/C will be operational by 15 September 1977.																
2. Status of Proposed Changes and Modifications.	<p>The Monitoring Schedule dated August 3, 1977 was reviewed with the following comments:</p> <p>A. There was one new change added to the list since 20 July 1977.</p> <p>B. The status of changes are as follows:</p> <table border="0"> <tr><td>1. UofM to provide requirements to Architect...</td><td>7</td></tr> <tr><td>2. Architect to prepare Mod.....</td><td>1</td></tr> <tr><td>3. HSPO reviewing Mod. for approval.....</td><td>4</td></tr> <tr><td>4. Contractors costing approved Mod.....</td><td>8</td></tr> <tr><td>5. Change completed as a Mod.....</td><td>50</td></tr> <tr><td>6. Other condition (Incl. rejected Mod.).....</td><td>18</td></tr> <tr><td>7. Architect/University evaluating costs.....</td><td>3</td></tr> <tr><td><u>Total</u></td><td><u>91</u></td></tr> </table> <p>C. The status of certain changes was reviewed:</p> <p>1. Change 36 (Mod. 94-P - Dr. Najarian, Floor 11) The two undercut corridor doors will have the appropriate carpet reducer strips installed below rather than thresholds. HSPO (Swanson) will contact University Interiors for this provision.</p>	1. UofM to provide requirements to Architect...	7	2. Architect to prepare Mod.....	1	3. HSPO reviewing Mod. for approval.....	4	4. Contractors costing approved Mod.....	8	5. Change completed as a Mod.....	50	6. Other condition (Incl. rejected Mod.).....	18	7. Architect/University evaluating costs.....	3	<u>Total</u>	<u>91</u>
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7. Architect/University evaluating costs.....	3																
<u>Total</u>	<u>91</u>																

ITEM

ACTION/RESPONSE

2. Continued.

2. Change 74 (Air Chamber acoustic insulation) - The General Contractor has submitted an additional cost of \$12,359.00 which the Architects are currently evaluating.

3. Change 91 (Connection at 5th Floor Link) - The Architects are currently confirming the scope of this required change and will subsequently make their recommendations to HSPO and the Hospital.

D. The following modifications were reviewed for cost approval:

1. 161-P (Omit 2nd Floor Partition) - The General Contractor's credit of \$500.00 was discussed. Kogl will review this with Hughes and advise the Architect.

3. Contingency Fund.

The Contingency Fund balance remains at \$25,000. The balance does not include any cost associated with 7 modifications which have no cost estimate at this time.

Funding identification will be required for time and material modifications. The U of M will evaluate.

4. Unit B/C Phase II Work.

The U of M review of the B/C Phase II Documents should be complete by this Friday for submission to the Architect. A schedule for the project will be issued after the review comments have been evaluated by the Architect.

The Architect recommended that the existing cost estimate be updated since the existing data is nearly one year old with variations in the work scope. HSPO is to advise the Architect if an updated cost estimate is to be made.

Recognition plaques will be provided by the University. HSPO will investigate.

Dickler requested that a summary of the project construction costs and architect fees, including extra service items, be provided to the Hospital for their administrative use.

5. Diehl Hall Remodeling.

No change in "Hold" status.

6. M.T.S. Contract Status.

The routing conflict in the West area has been resolved.

ITEM	ACTION/RESPONSE
7. Food Service on Floors 2 and 5.	This work will proceed as soon as an Owner/Architect Contract has been established and a proceed order is issued to the Architect.
8. Metal Lab Casework Shop Drawings.	The subject shop drawings have not yet been provided to the Job or Architect.
9. EKG Rooms 1-214 and 215.	Telephone outlets are required for computer hook-up. U of M will handle item as a field item.
10. Modification 165-P.	Work is being done on a T & M basis.
11. Construction use of Shop Drawings.	The Architect reported that the Contractor has <u>not</u> been using "Final" approved shop drawings in the field in some cases which could produce some unfortunate errors.
12. Med. Tech. Cart Storage.	The associated Mod. was rejected with no further action by the U of M.
13. Cost Breakdown Procedures.	The Contractors have indicated objections to the Contract Document requirements for calculating overhead and profit on modification as summarized in HSAE's letter dated 20 July 1977. UofM to evaluate.
14. Door Repainting.	The General Contractor has indicated an added cost of \$363.00 for this work. Kogl will review the cost breakdown with Hughes.
15. Casework Countertops.	Many of the field rejected countertops which have been replaced are worse than the ones first rejected. Exoxy resin countertops continue to be a construction problem.
16. B/C to Mayo 5th Floor Link.	The Architect is currently evaluating the field conditions for resolution of conflicts with existing ducts and electrical conduits at the Mayo Building.
	HSPO and HSAE agreed that the Architect should record his time separate for reimbursement on this design resolution work.

cc: Meeting Attendees  
Clinton Hewitt  
John Patterson  
Richard Campbell

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE AUGUST 17, 1977  
SHEET 1 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
1	ADDITIONAL CASEWORK IN AUDIOLOGY CLINIC - ROOM 8-157	23 JUN 76	1 FEB 77	MOD. COMPLETED.	HOSP. \$2,200	.95-P 11 FEB 77
2	SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1.	26 MAY 76	1 JUL 77	ARCHT. EVALUATING COST. GENL. (+) 3524.00 TOTAL (+) 3524.00	HOSP. \$2,500	100-P 8 JULY 77
3	ENT. CLINIC AREA REDESIGN ON FLOOR 8.	22 DEC 76	1 FEB 77	MOD COMPLETED.	HOSP. (MAXIMUM) \$15,000	96-P 1 FEB 77
4	ADD CONTROL DOORS IN TUNNEL CORR. TO RADIOLOGY ON FLOOR 2.	17 NOV. 76	1 JUL 77	CONTRACTORS COSTING.	HOSP. \$1,500	164-P 19 JULY 1977
5	GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.R. - FLOOR 2.	17 NOV. 76	1 MAR 77	MOD. COMPLETED.	HOSP. \$6,000	111-P 28 FEB 77
6	DELETE S.N.R. IN CERTAIN CLINIC TOILET ROOMS.	17 JUL. 76	15 DEC 77	MOD. COMPLETED	CONT. CREDIT	77-P 15 DEC 77
7	REVISED DESIGN FOR FLOORS 3 & 4. GUARDRAIL PROVISION.	13 OCT 76	1 MAY 77	MOD REJECTED 7/7/77.	HOSP. \$7,500	147-P 25 MAY 77
8	LIGHTING CHANGES IN CLINICS.	19 JAN 77	15 FEB 77	MOD COMPLETED.	HOSP.	102-P 16 FEB 77
9	ADDITION OF INTRUSION DETECTION SECURITY SYSTEM. DOOR PROVISIONS ONLY	20 DEC 76	22 FEB 77	MOD REJECTED 11 MAY 1977 FL. 9 TO BE T&M	HOSP.	121-P 4 MARCH 77
10	LEAD SHIELDING FOR DOOR NO. 1-240.	11 AUG 76	15 DEC 76	MOD. COMPLETED	HOSP. \$1,226	78-P 15 DEC 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE AUGUST 17, 1977  
SHEET 2 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
11	PLAZA WATERPROOFING DESIGN CHANGE.	18 AUG 76	1 MAR 77	CONTRACTOR COSTING.	CONT. CREDIT \$40,000	123-E 7 MARCH 77
12	LEAD SHIELDING IN FLOOR OF ROOM 3-141.	29 SEP 76	1 JUL 77	MOD COMPLETED.	HOSP. \$3,000	162-P 8 JULY 1977
13	ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76.	31 AUG 76	1 JAN 77	80 - CONTRACTOR COSTING 81 & 85 - MOD COMPLETED. 86, 87, 88 - TIME AND MATLS. 84 & 89 - REJECTED.	HOSP \$7,600	80, 81, 84, 85, 86, 87, 88, 89 1 JAN 77
14	DELETE CASEWORK AND SPECIAL FINISHES IN UROLOGY ROOMS.	1 OCT 76	1 JAN 77	MOD. COMPLETED.	HOSP. CREDIT \$4,000	82-P 28 DEC 76
15	ADD A PULMONARY FUNCTION LAB ON FLOOR 4.	HOLD		HSPD/USER MUST RESOLVE PROGRAM CHANGE NEEDED	HOSP.	
16	ADD ROOM TO FAMILY PRACTICE ON FLOOR 6.	5 NOV 76	1 JAN 77	MOD REJECTED 29 APRIL 1977	USER \$5,000	83-P 28 DEC 76
17	REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK.	28 OCT 76	1 JUL 77	MOD COMPLETED.	CONT. \$550	170-E 26 JULY 77
18	ROOF DESIGN CHANGE BY UoFM FOR COST SAVINGS.	17 NOV 76	1 MAR 77	MOD COMPLETED.	CONT. CREDIT - \$35,000 <sup>22</sup>	124-E 7 MARCH 1977
19	MISCELLANEOUS TELEPHONE CHANGES.	18 AUG 76	1 JAN 77	MOD COMPLETED.	CONT.	90-P 7 JAN 77
20	OMIT RADIOLOGY CASH ALLOWANCE.	14 OCT 76	4 MAR 77	MOD. COMPLETED. TOTAL (-) 45,000.00	HOSP. CREDIT	116-P 3 MARCH 1977

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DATE AUGUST 17, 1977  
SHEET 3 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
21	FLOOR 2 ADMISSIONS AREA CHANGE PER PHASE II PLANS.	19 JAN 77	4 MAR 77	MOD COMPLETED.	HOSP.	120-P 25 MARCH 1977
22	MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS.	16 JUN 76	15 MAR 77	MOD COMPLETED.	CONT. \$15,000	125-P 16 MARCH 1977
23	INCREASE CEILING HT. IN ROOMS 1-380 & 381 TO 8'-0".	17 NOV 76	1 JUN 77	MOD COMPLETED.	CONT. \$400	156-P 21 JUNE 1977
24	ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W, REVISE EXISTING PIPING & DVCTS.	26 MAY 76	1 APR 77	GENERAL MOD DIVISION COMPLETE. (+) 641.00 MECHANICAL ON TIME & MATERIALS BASIS.	CONT. \$2,500	128-A 29 MARCH 1977
25	REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK.	FIELD	15 JAN 77	MOD. COMPLETED.	CONT. MINIMUM	91-E 17 JAN 77
26	FILM ILLUMINATOR CHANGE.	17 NOV. 76	1 MAR 77	NO CHANGE IS REQ'D		OMIT
27	REVISE TEMP. CONTROLS FOR CHILLER PUMPS IN UNIT A.	17 AUG 76	1 JAN 77	MOD. COMPLETED	CONT. CREDIT \$10,000	79-E 15 DEC 76
28	OMIT ALL FIELD PAINTING OF STRUCTURAL STEEL.	20 MAY 76	1 MAR 77	MOD. COMPLETED.	CONT. CREDIT \$5,700	115-E 1 MAR 77
29	WEST PLAZA DRAINAGE SYSTEM PROVISIONS	17 NOV. 76	1 MAR 77	MOD COMPLETED.	CONT.	114-E 28 FEB 77
30	OMIT STAINLESS STEEL FLASHING RELATED TO PLAZA CONSTRUCTION.	17 NOV. 76	1 MAR. 77	MOD. COMPLETED.	CONT. CREDIT \$10,400	118-E 1 MAR 77

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DATE AUGUST 17, 1977  
SHEET 4 OF 10

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 A 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	MOD. COMPLETED	HOSP. \$ 900	112-P 28 FEB 77
36	CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11.	15 NOV. 76	1 FEB 77	MOD. COMPLETED.	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	MOD. COMPLETED.	HOSP.	97-P 1 FEB 77
38	PROVIDE RADIATION SUPPORTS IN SHELL SPACE	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$ 28,068	93-E 21 JAN 77
39	CHANGE DOORS AT ELECTRICAL VAULT ROOMS; B, 10, 15.	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$ 1,752	92-E 21 JAN 77
40	OMIT RESILIENT SUSPENSION SYSTEM IN CERTAIN AREAS	2 FEB 77	15 FEB 77	MOD. COMPLETED	CONT. CREDIT \$ 650	100-E 4 FEB 77

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SHEET 5 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
41	ELECTRICAL CONTRACTOR INSTALLED UOFM SUPPLIED LIGHT FIXTURES.	FIELD 3 NOV 76	_____	MOD COMPLETED.	CONT. \$ 168	170-E 26 JULY '77
42	GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS.	FIELD 5 JAN 77	_____	NO MOD REQUIRED (SEPERATE U. PURCHASE ORDER)	UNIT A CONTRACTOR \$10,118	OMIT
43	MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES.	14 DEC 76	15 FEB 77	MOD COMPLETED.	CONT. CREDIT	104-P 14 FEB 77
44	ADD TWO PLASTIC LAMINATE FIRE HOSE CABINETS LOCATED AT B-91 AND 10-101.	19 JAN 77	15 FEB 77	MOD COMPLETED.	CONT.	99-A 2 FEB 77
45	OTONEUROLOGY PROCEDURES SUITE ADDITION FLOOR 8.	19 JAN 77	22 FEB 77	MODIFICATION REJECTED.	HOSP. \$68,270	110-P (OMIT) 24 FEB 77
46	UNIT B/C PHASE II INTERFACE MODIFICATION FLOORS 1 AND 2	28 JAN 77	15 FEB 77	MOD COMPLETED	HOSP.	98-P 2 FEB 77
47	ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7.	2 FEB 77	1 MAR 77	MOD REJECTED <i>draft</i> .	CONT/USER	105-P 16 FEB 77
48	MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	108-E 21 FEB 77
49	OMIT AUTOMATIC AIR VENTS ON HYDRONIC SUPPLY AND RETURN RISERS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	107-E 21 FEB 77
50	CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTOSCOPE/OPHTHALMOSCOPE	2 FEB 77	1 APR 77	ARCHT. REVISION BY 15 MARCH '77 LETTER. NO MOD REQUIRED.	HOSP.	OMIT



# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE ~~APRIL~~ AUGUST 17, 1977  
SHEET 6 OF 10

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	1 APR 77	MOD COMPLETED.		131-P 1 APRIL 77
52	FLOOR 2 OBERVATION WINDOW ADDITION.	2 FEB 77	1 APR 77	MOD COMPLETED		132-P 1 APRIL 77
53	FLOOR 8 E.N.T. CLINIC CHANGES INCLUDING THE ADDITION OF A FOLDING PARTITION	2 FEB 77	15 APR 77	MOD REJECTED 6/10/77		138-P 29 APRIL 77
54	REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS; BSM'T & FLOORS 10 & 15.	2 FEB 77		MOD COMPLETED		106-A 8 MAR. 77
55	REVISE PLAS. LAM. LOCKERS IN ROOMS 1-284 & 286 BY ADDING PADLOCK HASPS.	—	15 FEB 77	MOD COMPLETED.		103-P 14 FEB 77
56	OMIT CONCEALED SOAP DISPENSERS ON FIXTURES F-3B & F3-D ON EXAM ROOM LAVATORY SINKS.	10 FEB 77	15 FEB 77	MOD COMPLETED.		101-P 14 FEB 77
57	MODIFY CORE 26 ON FLOOR 9 TO ALLOW INSTALLATION OF ELECTRICAL PANELS.	17 FEB 77		MODIFICATION REJECTED.		113-E (OMIT) 28 FEB 77
58	MODIFY CONTROL ROOMS OF RADIOLOGY ROOMS; 1-232, 235, 240 AND 242.	18 FEB 77	7 MAR 77	MOD COMPLETED.		122-P 23 MARCH 77
59	OMIT MACHINE ROOM SLAB ABOVE FUTURE ELEVATOR NO. 1.	16 FEB 77	7 MAR 77	MOD 119-E REJECTED. (MECHANICAL WORK IN MOD. 135-A) (MOD. 135-A REJECTED)	—	OMIT
60	FIELD ORDER TO STOP INSTALL. OF PRECAST CONC. BENCHES IN WEST AREA			O. HUGHES TO ADVISE ARCH'T OF CHANGES DESIRED		

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE August 17, 1977  
SHEET 7 OF 10

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	ADD ELEC. DISCONNECT SWITCH TO ELEV. CONTROLLERS FOR ELEV. 4, 5 & 6 PER LETTER BY STATE.	20 JAN 77	1 APR 77	MOD REJECTED 6/30/77		130-A 1 APRIL 77
62	ADJUST CASH ALLOWANCE FOR AUD. SEATING TO BID AMOUNT.	2 FEB 77	4 MAR 77	MOD. COMPLETED	CONT. CREDIT \$ 2,900	117-P 8 MARCH 77
63	OMIT AIR COMPRESSOR FOR AUTOMATIC DOORS 1-61 & 296.	20 JAN 77	15 MAY 77	MOD COMPLETED.	CREDIT \$76500	148-A MAY 6 1977
64	CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. (ELECTRICAL WORK)			MOD REJECTED 6/30/77		141-P 28 APRIL 77
65	OMIT AIR BLENDERS FOR 100% OUTSIDE AIR UNITS S-1C AND S-18C.			MOD COMPLETED.	CREDIT	109-A 21 FEB 77
66	ALLOW MASON INDUSTRIES TYPE FSN FLOATING FLOOR SYSTEM IN AIR CHAMBERS	2 FEB 77	15 APR 77	MOD. COMPLETED.	CREDIT \$ 1,200	137-A 19 APRIL 77
67	ADD CEILING ACCESS PANELS PER FIELD DIRECTION.	4 JAN 77	FIELD	UOFM TO ADVISE ARCH'T OF QUANTITY AND COST.		
68	REVISE FOUR METAL SERVICE PANELS IN ROOM 9-155 TO ACCOMMODATE FOUR C-2 FIXTURES.	31 AUG 76	---	NO MOD. REQUIRED		OMIT
69	CHANGE SERVICE SINK PROVISION IN ROOM 1-78- TRASH/JANITOR.	30 MARCH 77	15 APRIL 77	CONSTR. COORD. EVALUATING GENL. (+) 125.00 MECH. COST: MECH. (+) 2495.00 TOTAL (+) 2620.00		139-A 20 APRIL 77
70	UNIT B/C PHASE II INTERFACE MOD. FLOOR 9	28 JAN 77	21 MAR 77	MOD COMPLETED.		129-P 12 APRIL 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE AUGUST 17, 1977  
SHEET 8 OF 10.

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	PROVIDE MIRRORS & COAT HOOKS IN AMBULATORY SURGERY ROOMS 1-301, 302, 303	31 AUG 76	1 APR 77	MOD COMPLETED		133-P 5 APRIL 77
72	PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370	—	1 APR. 77	MOD COMPLETED		127-A 18 MARCH 1977
73	REVISE DELAWARE STREET GRATINGS FOR DRAINS ON GRIDS E5 AND E15.	24 FEB 77	1 APR 77	MOD. COMPLETED.	CONT. \$ 946	134-E 5 APRIL 77
74	ADD ACOUSTIC INSULATION TO FLOOR 15 AIR CHAMBERS	1 MAR 77	1 MAY 77	ARCHT. EVALUATING COST	\$12,359.00	
75	PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE MGMT. CONTROL ROOM.		1 APR. 77	MOD COMPLETED		126-E 18 MARCH 1977
76	PREVENT SWING OF DOORS 2-52 SECOND FLOOR WEST FROM MAYO TO PEDESTRIAN LINK FOR EXIT PURPOSE	16 MARCH 77	1 JUL. 77	CONTRACTORS COSTING		164-P 19 JULY 1977
77	ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121.	30 MARCH 77		MOD COMPLETED.	\$ 1300.00	149-P 9 MAY 1977
78	ACCP. AND SEATING CHANGES TO ROOM 2-104 CLINICAL AUDITORIUM.	5 APRIL 1977	15 APRIL 77	MOD. COMPLETED (ELEC. ON T&M BASIS)		136-A 12 APRIL 1977
79	ADD PROVISIONS FOR REWAY ROOM 2-94.	30 MARCH 1977	1 MAY 77	CONTRACTORS COSTING: GENL. \$ 2210.00 MECH. \$ 12465.00 ELEC. \$ TOTAL		144-P 2 MAY 77
80	ADD OBSERVATION WINDOW BTWN. EXAM ROOMS 4TH FLOOR PEDIATRICS CLINIC.	31 MARCH 77		MOD COMPLETED.		140-P 18 APRIL 77

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DATE AUGUST 17, 1977  
SHEET 9 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
81	ADD CASEWORK TO HOSPITAL CLASS ROOM 9-138.	30 MARCH '77 23 MAY '77 HSPD LETTER		CONTRACTORS COSTING GENL. (+) 4261.00 ELEC. _____ TOTAL _____		159-P 24 JUNE 77
82	UNIT B/C PHASE II INTERFACE MOD. FLOORS 1, 2, 8, 89.		MAY 15, '77	ARCHT. EVALUATING COST. MECH. (+) 2789.00 ELEC. (+) 12,908.00 TOTAL (+) 15,697.00		154-P 15 JUNE 77
83	MOD STEEL BOWARDS FOR PIPE PROTECTION IN EXIST. MAYO GARAGE.			MOD REJECTED 6/21/77		151-E 20 MAY 77
84	PROVIDE TEMPORARY ELEVATOR NO 1 FOR FUTURE CONSTRUCTION HOLDING FOR FINISHING SHELL SPACE.			CONST. COORD. / ARCHT. EVALUATING COST GENL. (+) 28,103.00 ELEC. (+) 2,711.00 VERT. TRANS. DIV. COMPLETE		152-P 13 JUNE 77
85	VARIOUS ELECTRICAL CONTRACT. COORDINATION ITEMS.			ARCHT. EVALUATING COST. ELEC. (+) 6614.00 TOTAL (+) 6614.00	(+) 1750.00	153-A 24 MAY 77
86	REVISION TO FLOORS 3 and 8 TO ACCOMMODATE CHILDRENS PSYCHIATRY.	29 JUNE '77		CONTRACTORS COSTING.		166-P (Flu 8) 167-P (Flu 3) 25 JULY 77
87	REVISE THE FUEL OIL PIPING SYSTEM.			MOD COMPLETED.		157-A 8 JUNE 77
88	PHARMACY AREA FLOOR 2 SECURITY PROVISIONS	13 JUNE '77		GENL. CONTR. COSTING. ELEC. CONTR. TO BE T&M.		165-P 18 JULY 1977
89	OMIT VAT & VINYL IN CERTAIN AREAS FOR SUBSTITUTION OF GROUP II CARPET.	20 JUNE '77 HSPD LETTER		CONTRACTOR SIGNING.	HOSP. (-) 2550.00	163-P 15 JULY 77
90	MISCELLANEOUS GENERAL AND ELECTRICAL REVISIONS TO ACCOMMODATE ELECTRICAL ITEMS(4)			HSPD REVIEWING FOR APPROVAL TO ISSUE.		172-A 8 AUG. 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE AUGUST 17, 1977  
SHEET 10 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
91	REVISE STEEL CONNECTION AT 5TH FLOOR LINK TO MAYO TO AVOID CONFLICTS WITH EXISTING ITEMS.			ARCHT./CONST. COORDINATOR INVESTIGATING REQUIRED REVISION SCOPE.		
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94						
95						
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98						
99						
100						

OK - Schedule in this meeting is not to be used.  
 OK - The Architects Collaborative, Inc. - Health Sciences Architects and Engineers, Inc. - NRC 1098 - ...  
 UNIVERSITY OF MINNESOTA HEALTH SCIENCES EXPANSION

MEMORANDUM

MEMO TO: Unit B/C File  
 MEMO BY: Duane E. Blanchard and Richard J. Carlson  
 DATE: 31 August 1977  
 SUBJECT: Unit B/C Progress Meeting  
 PRESENT: Messrs; Maupin, Kogl, Nelson, Swanson, Patterson, Carlson, Blanchard and Ms. Satorius.  
 NOTE: Next Progress Meeting 21 September 1977 at 10:00 AM.

ITEM ACTION/RESPONSE

- ✓1. Project Schedule.
  - ✓The K/E tunnel link to Unit B/C targeted to be operational by 15 September 1977 may be about a week late. OK EST. FL. NOT READY
  - ✓The University contract with Campbell and Company will be terminated on 1 September 1977. Schedule work will be done manually for the remainder of the project.
  - ✓Completion of Floors 11 and 12 for Owners occupancy targeted for 1 November 1977. KEYING IN SIZE 11/12/77
- ✓2. Status of Proposed Changes and Modifications.
  - The Monitoring Schedule dated August 17, 1977 was reviewed with the following comments:
  - ✓A. There were no new changes added to the list since 3 August 1977.
  - ✓B. The status of changes are as follows:
 

1. UofM to provide requirements to Architect...	76
2. Architect to prepare Mod.....	80
3. HSPO reviewing Mod. for approval.....	41
4. Contractors costing approved Mod.....	82
5. Change completed as a Mod.....	52 52
6. Other condition.....	18 18
7. Architect/University evaluating costs.....	56
<hr/>	
Total	91 91

## ITEM

## ACTION/RESPONSE

2. Continued.

✓C. The following preliminary Mods have been submitted to HSP0/Construction Coordinator for review but have not been released for quotation:

- Kogal ✓ 1. 172-A (Revision General Construction items to coordinate with Electrical Construction).  
 Kogal ✓ 2. 176-E (Revise steam connection PRV Station 1).  
 Kogal ✓ 3. 177-E (Add bypass valves at each high pressure steam valve).

✓D. The status of certain changes was reviewed:

- ✓1. Change 74 (Add acoustic insulation to Floor 15 Air Chambers) - The Construction Coordinator confirmed that the cost of installing acoustic insulation on the 15th Floor would not be accepted (as recommended in HSAE letter to Kogal dated 24 August 1977).

✓E. The following modifications were reviewed for cost approval:

- ✓1. 152-P (Temporary Elevator No. 1) - The Construction Coordinator has negotiated the General cost to (+)\$27,464.00 (Note 1) with \$9274.00 of this to be an allowance on T&M. Another future Mod. will be written to adjust this cost. The Electrical cost of (+)\$2711.00 was approved.

Cost Summary:

General	(+)\$ 27,330.00
Electrical	(+) 2,711.00
Transportation	(+) <u>123,000.00</u> (Note 2)
Total	(+)\$153,041.00

(Note 1) General cost of \$27,464.00 was subsequently adjusted to \$27,330.00.

(Note 2) Transportation cost of \$123,000.00 was previously approved.

- ✓2. 153-A (Various electrical coordination items) - The Electrical Contractors quotation of (+)\$6614.00 was reviewed. Wally Mellum will review this cost and provide further direction to the Architects.

ITEM

ACTION/RESPONSE

✓2. Continued.

*approved  
Maupin  
& KOOL  
Ade, 31, 77*

✓3. 154-P (Interface Mod., Floors 1, 2, 8 and 9) - The Mechanical Contractors quotation of (+)\$2789.00 and the Electrical Contractors quotation of (+)\$12,908.00 for a total mod. cost of (+)\$15,697.00 was reviewed and approved.

The requested unit cost breakdown of this mod. is as follows:

Floors 1 & 2	(Electrical)	(+)\$	5,858.00
Floor 8	(Mechanical)	(+)	2,789.00
	(Electrical)	(+)	1,859.00
Floor 9	(Electrical)	(+)	5,191.00
Total			(+)\$ 15,697.00

✓3. Contingency Report.

✓The contingency summary dated 31 August 1977 indicates a balance of \$799.00. This amount does not include three mods which have no cost estimate. Reimbursements are to be reviewed by HSP0. *(- 18,918.00 budget.)*

✓4. Unit B/C Phase II Work.

✓HSP0 authorized the preparation of an updated cost estimate for the project.

The tentative project schedule as proposed by the Architect was discussed and approved as follows:

✓12 Sept. 77 - Documents complete including updated cost estimate.

✓12 to 16 Sept. 77 - HSP0/Architect review estimated costs.

✓20 Sept. 77 - Advertisement for Bids.

✓22 Sept. 77 - Bid period begins. *(NO) HOLD*

✓5. Diehl Hall Remodeling.

Maupin indicated that the project was expected to be off "Hold" in about 60 days.

✓6. MTS Contract Status.

No comments.

*meet w/ Maupin*  
✓7. Food Service on Floors 2 and 5.

HSP0 is in the process of developing a Proceed Order for the project. *inter. contract... done...*

✓8. Metal Lab Casework Shop Drawings.

The Architect recently received the "Final" Contractors shop drawings.

✓9. EKG Rooms 1-214 and 215.

The additional telephone outlets in these rooms will be handled by the U of M as a field item.

✓10. Modification 165-P (Intrusion Detection).

The associated work is being performed on a T&M basis.

✓11. Cost Breakdown Procedures.

The Construction Coordinator will handle the resolution of this as the project is concluded.



ITEM	ACTION/RESPONSE
✓ 12. Door Repainting.	No comments.
✓ 13. Casework Countertops.	The quality of the Durcon tops have improved since the initial rejection of some.
✓ 14. B/C to Mayo 5th Floor Link.	The Architects have completed checking of the steel shop drawings and fabrication is proceeding. The General Contractor indicates some additional cost is required for steel erection. <i>- already T&amp;M</i>
✓ 15. Pulmonary Function Dept. Changes (Change 15).	The suggested changes will not be done under the B/C Phase I Contracts. The work will be included in a future contract to be determined.
✓ 16. Lock Keying Schedule.	HSPO will resolve this item.

cc: Meeting Attendees  
 Clinton Hewitt  
 Richard Campbell

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE SEPT 21, 1977  
SHEET 1 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
1	ADDITIONAL CASEWORK IN AUDIOLOGY CLINIC - ROOM 8-157	23 JUN 76	1 FEB 77	MOD. COMPLETED.	HOSP. \$2,200	.95-P 11 FEB 77
2	SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1.	26 MAY 76	1 JUL 77	MOD. COMPLETED	HOSP. \$2,500	160-P 8 JULY 77
3	ENT. CLINIC AREA REDESIGN ON FLOOR 8.	22 DEC 76	1 FEB 77	MOD. COMPLETED.	HOSP. (MAXIMUM) \$15,000	96-P 1 FEB 77
4	ADD CONTROL DOORS IN TUNNEL CORR. TO RADIOLOGY ON FLOOR 2.	17 NOV 76	1 JUL 77	ARCHITECT EVALUATING COSTS GEN. (+) 6939.00 ELEC. (+) 99.00 TOTAL (+) \$7038.00	HOSP. \$1,500	164-P 19 JULY 1977
5	GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.B. - FLOOR 2.	17 NOV. 76	1 MAR 77	MOD. COMPLETED.	HOSP. \$6,000	111-P 28 FEB 77
6	DELETE S.N.R. IN CERTAIN CLINIC TOILET ROOMS.	17 JUL 76	15 DEC 77	MOD. COMPLETED	CONT. CREDIT	77-P 15 DEC 77
7	REVISED DESIGN FOR FLOORS 3 & 4. GUARDRAIL PROVISION.	13 OCT 76	1 MAY 77	MOD REJECTED 7/7/77.	HOSP. \$7,500	147-P 25 MAY 77
8	LIGHTING CHANGES IN CLINICS.	19 JAN 77	15 FEB 77	MOD. COMPLETED.	HOSP.	102-P 16 FEB 77
9	ADDITION OF INTRUSION DETECTION SECURITY SYSTEM, DOOR PROVISIONS ONLY	20 DEC 76	22 FEB 77	MOD REJECTED 11 MAY 1977 FL. 9 TO BE T&M	HOSP.	121-P 4 MARCH 77
10	LEAD SHIELDING FOR DOOR NO. 1-240.	11 AUG 76	15 DEC 76	MOD. COMPLETED	HOSP. \$1,226	78-P 15 DEC 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE SEPT 21, 1977  
SHEET 2 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
11	PLAZA WATERPROOFING DESIGN CHANGE.	18 AUG 76	1 MAR 77	CONTRACTOR COSTING.	CONT. CREDIT \$40,000	123-E 7 MARCH 77
12	LEAD SHIELDING IN FLOOR OF ROOM 3-141.	29 SEP 76	1 JUL 77	MOD COMPLETED.	HOSP. \$3,000	162-P 8 JULY 1977
13	ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76.	31 AUG 76	1 JAN 77	80 - CONTRACTOR COSTING 81 & 85 - MOD COMPLETED. 86, 87, 88 - TIME AND MATLS. 84 & 89 - REJECTED.	HOSP \$7,600	80, 81, 84, 85, 86, 87, 88, 89 1 JAN 77
14	DELETE CASEWORK AND SPECIAL FINISHES IN UROLOGY ROOMS.	1 OCT 76	1 JAN 77	MOD. COMPLETED.	HOSP. CREDIT \$4,000	82-P 28 DEC 76
15	ADD A PULMONARY FUNCTION LAB ON FLOOR 4.	12 SEPT. 77		ARCHITECT TO PROVIDE ESTIMATED COST. INCLUDE WORK IN LATER PHASE.	HOSP.	(LATER PHASE)
16	ADD ROOM TO FAMILY PRACTICE ON FLOOR 6.	5 NOV 76	1 JAN 77	MOD REJECTED 29 APRIL 1977	USER \$5,000	83-P 28 DEC 76
17	REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK.	28 OCT 76	1 JUL 77	MOD COMPLETED.	CONT. \$550	170-E 26 JULY 77
18	ROOF DESIGN CHANGE BY UofM FOR COST SAVINGS.	17 NOV 76	1 MAR 77	MOD COMPLETED.	CONT. CREDIT (-) 35,000.00	124-E 7 MARCH 1977
19	MISCELLANEOUS TELEPHONE CHANGES.	18 AUG 76	1 JAN 77	MOD COMPLETED.	CONT.	90-P 7 JAN 77
20	OMIT RADIOLOGY CASH ALLOWANCE.	14 OCT 76	4 MAR 77	MOD. COMPLETED. TOTAL (-) 45,000.00	HOSP. CREDIT	116-P 3 MARCH 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE SEPT 21, 1977  
SHEET 3 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
21	FLOOR 2 ADMISSIONS AREA CHANGE PER PHASE II PLANS.	19 JAN 77	4 MAR 77	MOD COMPLETED.	HOSP.	.120-P 25 MARCH 1977
22	MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS.	16 JUN 76	15 MAR 77	MOD COMPLETED.	CONT. \$15,000	125-P 16 MARCH 1977
23	INCREASE CEILING HT. IN ROOMS 1-380 & 381 TO 8'-0".	17 NOV 76	1 JUN 77	MOD COMPLETED.	CONT. \$400	156-P 21 JUNE 1977
24	ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W, REVISE EXISTING PIPING & DVCTS.	26 MAY 76	1 APR 77	GENERAL MOD DIVISION COMPLETE. (+) 641.00 MECHANICAL ON TIME & MATERIALS BASIS.	CONT. \$2500	128-A 29 MARCH 1977
25	REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK.	FIELD	15 JAN 77	MOD. COMPLETED.	CONT. MINIMUM	91-E 17 JAN 77
26	FILM ILLUMINATOR CHANGE.	17 NOV 76	1 MAR 77	NO CHANGE IS REQ'D		OMIT
27	REVISE TEMP. CONTROLS FOR CHILLER PUMPS IN UNIT A.	17 AUG 76	1 JAN 77	MOD. COMPLETED	CONT. CREDIT \$10,000	79-E 15 DEC 76
28	OMIT ALL FIELD PAINTING OF STRUCTURAL STEEL.	20 MAY 76	1 MAR 77	MOD. COMPLETED.	CONT. CREDIT \$5,700	115-E 1 MAR 77
29	WEST PLAZA DRAINAGE SYSTEM PROVISIONS	17 NOV 76	1 MAR 77	MOD COMPLETED.	CONT.	114-E 28 FEB 77
30	OMIT STAINLESS STEEL FLASHING RELATED TO PLAZA CONSTRUCTION.	17 NOV 76	1 MAR 77	MOD. COMPLETED.	CONT. CREDIT \$10,400	118-E 1 MAR 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE SEPT 21 1977  
SHEET 4 OF 10

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 A 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. 4) \$14,299.00	
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	MOD. COMPLETED	HOSP. \$900	112-P 28 FEB 77
36	CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11.	15 NOV. 76	1 FEB 77	MOD. COMPLETED.	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	MOD. COMPLETED.	HOSP.	97-P 1 FEB 77
38	PROVIDE RADIATION SUPPORTS IN SHELL SPACE	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$28,068	93-E 21 JAN 77
39	CHANGE DOORS AT ELECTRICAL VAULT ROOMS; B, 10, 15.	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$1,752	92-E 21 JAN 77
40	OMIT RESILIENT SUSPENSION SYSTEM IN CERTAIN AREAS	2 FEB 77	15 FEB 77	MOD. COMPLETED	CONT. CREDIT \$650	100-E 4 FEB 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE SEPT. 21, 1977  
SHEET 5 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
41	ELECTRICAL CONTRACTOR INSTALLED UOFM SUPPLIED LIGHT FIXTURES.	FIELD 3 NOV 76	_____	MOD COMPLETED.	CONT. \$ 168	170-E 26 JULY '77
42	GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS.	FIELD 5 JAN 77	_____	NO. MOD REQUIRED (SEPARATE W. PURCHASE ORDER)	UNIT A CONTRACTOR \$10,118	OMIT
43	MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES.	14 DEC 76	15 FEB 77	MOD COMPLETED.	CONT. CREDIT	104-P 14 FEB 77
44	ADD TWO PLASTIC LAMINATE FIRE HOSE CABINETS LOCATED AT B-91 AND 10-101.	19 JAN 77	15 FEB 77	MOD COMPLETED.	CONT.	99-A 2 FEB 77
45	OTONEUROLOGY PROCEDURES SUITE ADDITION FLOOR 8.	19 JAN 77	22 FEB 77	MODIFICATION REJECTED.	HOSP. \$68,270	110-P (OMIT) 24 FEB 77
46	UNIT B/C PHASE II INTERFACE MODIFICATION FLOORS 1 AND 2	28 JAN 77	15 FEB 77	MOD COMPLETED	HOSP.	98-P 2 FEB 77
47	ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7.	2 FEB 77	1 MAR 77	MOD REJECTED 6/22/77.	CONT/USER	105-P 16 FEB 77
48	MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	108-E 21 FEB 77
49	OMIT AUTOMATIC AIR VENTS ON HYDRONIC SUPPLY AND RETURN RISERS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	107-E 21 FEB 77
50	CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTOSCOPE / OPHTHALMOSCOPE	2 FEB 77	1 APR 77	ARCHT. REVISION BY 15 MARCH 77 LETTER. NO MOD. REQUIRED.	HOSP.	OMIT

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE SEPT. 21 1977  
SHEET 6 OF 10

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	1 APR 77	MOD COMPLETED.		131-P 1 APRIL 77
52	FLOOR 2 OBERVATION WINDOW ADDITION.	2 FEB 77	1 APR 77	MOD. COMPLETED		132-P 1 APRIL 77
53	FLOOR 8 E.N.I.T. CLINIC CHANGES INCLUDING THE ADDITION OF A FOLDING PARTITION	2 FEB 77	15 APR 77	MOD REJECTED 6/10/77		138-P 29 APRIL 77
54	REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS: BSM'T & FLOORS 10 & 15.	2 FEB 77		MOD COMPLETED		106-A 8 MAR. 77
55	REVISE PLAS. LAM. LOCKERS IN ROOMS 1-284 & 286 BY ADDING PADLOCK HASPS.	—	15 FEB 77	MOD. COMPLETED.		103-P 14 FEB 77
56	OMIT CONCEALED SOAP DISPENSERS ON FIXTURES F-3B & F3-D ON EXAM ROOM LAVATORY SINKS.	10 FEB 77	15 FEB 77	MOD. COMPLETED.		101-P 14 FEB 77
57	MODIFY CORE 26 ON FLOOR 9 TO ALLOW INSTALLATION OF ELECTRICAL PANELS.	17 FEB 77		MODIFICATION REJECTED.		113-E (OMIT) 28 FEB 77
58	MODIFY CONTROL ROOMS OF RADIOLOGY ROOMS; 1-232, 235, 240 AND 242.	18 FEB 77	7. MAR 77	MOD COMPLETED.		122-P 23 MARCH 77
59	OMIT MACHINE ROOM SLAB ABOVE FUTURE ELEVATOR NO. 1.	16 FEB 77	7 MAR 77	MOD. 119-E REJECTED. (MECHANICAL WORK IN MOD. 135-A) (MOD. 135-A REJECTED)	—	OMIT
60	FIELD ORDER TO STOP INSTALL. OF PRECAST CONC. BENCHES IN WEST AREA			O. HUGHES TO ADVISE ARCH'T OF CHANGES DESIRED		

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE SEPT 21, 1977  
SHEET 7 OF 10

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	ADD ELEC. DISCONNECT SWITCH TO ELEV. CONTROLLERS FOR ELEV. 4, 5 & 6 PER LETTER BY STATE.	20 JAN 77	1 APR 77	MOD REJECTED 6/30/77		130-A 1 APRIL 77
62	ADJUST CASH ALLOWANCE FOR AUD. SEATING TO BID AMOUNT.	2 FEB 77	4 MAR 77	MOD. COMPLETED	CONT. CREDIT \$ 2,900	117-P 8 MARCH 77
63	OMIT AIR COMPRESSOR FOR AUTOMATIC DOORS 1-61 & 296.	20 JAN 77	15 MAY 77	MOD COMPLETED.	CREDIT \$ 76500	148-A MAY 6 1977
64	CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. (ELECTRICAL WORK)			MOD REJECTED 6/30/77		141-P 28 APRIL 77
65	OMIT AIR BLENTERS FOR 100% OUTSIDE AIR UNITS S-1C AND S-18C.			MOD COMPLETED.	CREDIT	109-A 21 FEB 77
66	ALLOW MASON INDUSTRIES TYPE ESN FLOATING FLOOR SYSTEM IN AIR CHAMBERS	2 FEB 77	15 APR 77	MOD. COMPLETED.	CREDIT \$ 1,200	137-A 19 APRIL 77
67	ADD CEILING ACCESS PANELS PER FIELD DIRECTION.	4 JAN 77	FIELD	UOFM TO ADVISE ARCH'T OF QUANTITY AND COST.		
68	REVISE FOUR METAL SERVICE PANELS IN ROOM 9-155 TO ACCOMMODATE FOUR C-2 FIXTURES.	31 AUG 76	—	NO MOD. REQUIRED		OMIT
69	CHANGE SERVICE SINK PROVISION IN ROOM 1-78- TRASH/JANITOR.	30 MARCH 77	15 APRIL 77	CONTRACTORS SIGNING.		139-A 20 APRIL 77
70	UNIT B/C PHASE II INTERFACE MOD. FLOOR 9	28 JAN 77	21 MAR 77	MOD COMPLETED.		129-P 12 APRIL 1977



# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE SEPT. 21, 1977  
SHEET 8 OF 10

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	PROVIDE MIRRORS & COAT HOOKS IN AMBULATORY SURGERY ROOMS 1-301, 302, 303	31 AUG 76	1 APR 77	MOD COMPLETED		133-P 5 APRIL 77
72	PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370	—	1 APR. 77	MOD COMPLETED		127-A 18 MARCH 1977
73	REVISE DELAWARE STREET GRATINGS FOR DRAINS ON GRIDS E5 AND E15.	24 FEB 77	1 APR 77	MOD. COMPLETED.	CONT. \$ 946	134-E 5 APRIL 77
74	ADD ACOUSTIC INSULATION TO FLOOR 15 AIR CHAMBERS	1 MAR 77	1 MAY 77	MOD COST/CREDIT UNDER NEGOTIATION W/ CONTR.		
75	PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE MGMT. CONTROL ROOM.		1 APR. 77	MOD COMPLETED		126-E 18 MARCH 1977
76	REVERSE SWING OF DOORS 2-52 SECOND FLOOR WEST FROM MAYO TO PEDSTRIAN LINK FOR EXIT PURPOSE.	16 MARCH 77	1 JUL. 77	ARCHITECT. EVALUATING COSTS GENL. \$ 6939.00 ELEC. \$ 99.00 TOTAL \$ 7038.00		164-P 19 JULY 1977
77	ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121.	30 MARCH 77		MOD COMPLETED.	\$ 1300.00	149-P 9 MAY 1977
78	ACCE. AND SEATING CHANGES TO ROOM 2-104 CHEMICAL AUDITORIUM.	5 APRIL 1977	15 APRIL 77	MOD. COMPLETED (ELEC. ON T&M BASIS)		136-A 12 APRIL 1977
79	ADD PROVISIONS FOR RELAY ROOM 2-94.	30 MARCH 1977	1 MAY 77	CONTRACTORS SIGNING.		144-P 2 MAY 77
80	ADD OBSERVATION WINDOW BTWN. EXAM ROOMS 4TH FLOOR PEDIATRICS CLINIC.	31 MARCH 77		MOD COMPLETED.		140-P 18 APRIL 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE: SEPT 21, 1977  
SHEET 9 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
81	ADD CASEWORK TO HOSPITAL CLASS ROOM 9-138.	30 MARCH '77 23 MAY '77 HSPD LETTER		ARCHITECT EVALUATING COSTS: GENL (+) 3491.00 ELEC (+) 1298.00 TOTAL (+) 4789.00		159-P 24 JUNE 77
82	UNIT B/C PHASE II INTERFACE - MOD. FLOORS 1, 2, 8, 89.		MAY 15, '77	MOD COMPLETED.		154-P 15 JUNE 77
83	ADD STEEL BOLWARDS FOR PIPE PROTECTION IN EXIST. MAYO GARAGE.			MOD REJECTED 6/21/77		151-E 20 MAY 77
84	PROVIDE TEMPORARY ELEVATOR NO 1 FOR FUTURE CONSTRUCTION HOISTING FOR FINISHING SHELL SPACE.			MOD COMPLETED.		152-P 13 JUNE 77
85	VARIOUS ELECTRICAL CONTRACT COORDINATION ITEMS.			ARCHT./W. EVALUATING COSTS: ELEC (+) 6614.00 TOTAL (+) 6614.00	(+1750.00)	153-A 24 MAY 77
86	REVISION TO FLOORS 3 and 8 TO ACCOMMODATE CHILDRENS PSYCHIATRY.	29 JUNE '77		CONTRACTORS CASTING.		166-P (Fl. 8) 167-P (Fl. 3) 25 JULY 77
87	REVISE THE FUEL OIL PIPING SYSTEM.			MOD COMPLETED.		157-A 8 JUNE 77
88	PHARMACY AREA FLOOR 2 SECURITY PROVISIONS	13 JUNE '77		GENL. (T & M) ELEC. (T & M)		165-P 18 JULY 1977
89	OMIT VAT & VINYL IN CERTAIN AREAS FOR SUBSTITUTION OF GROUP II CARPET.	20 JUNE '77 HSPD LETTER		MOD COMPLETED.	HOSP. (+) 2550.00	163-P 15 JULY 77
90	MISCELLANEOUS GENERAL AND ELECTRICAL REVISIONS TO ACCOMMODATE ELECTRICAL ITEMS (4)			HSPD REVIEWING FOR APPROVAL TO ISSUE.		172-A 8 AUG. 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE SEPT 21, 1977  
SHEET 10 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
91	REVISE STEEL CONNECTION AT 5TH FLOOR LINK TO MAYO TO AVOID CONFLICTS WITH EXISTING ITEMS.			ARCHT./U EVALUATING COSTS: GENL. (+) 360.00 MECH. (-) T&M ELEC. N/G. TOTAL		
92						
93						
94						
95						
96						
97						
98						
99						
100						

Unit B/C - Progress Meeting  
Notes

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 September 1977  
SUBJECT: Unit B/C Progress Meeting  
PRESENT: Messrs; Maupin, Kogl, Nelson, Swanson, Patterson, Sava,  
Dickler, Kujawa, Carlson, Ms. Satorius, and Ms. Gensmer.  
NOTE: Next Progress Meeting 5 October 1977 at 10:00 AM.

ITEM ACTION/RESPONSE

✓ 1. Project Schedule.

✓ The K/E Tunnel Link to B/C at the Basement Level can be made operational but the First Floor Level is not accessible due to its incomplete status.

✓ Bob Swanson indicated that the Planning Office has received a clean and punch schedule prepared by O.W. Hughes as follows:

*Dis. until* ✓ 12th Floor - September 23, 1977  
*Dis. until* ✓ 11th Floor - September 30, 1977 (not including Mod. 94-P)  
✓ 9th Floor - October 14, 1977  
✓ 8th Floor - October 23, 1977  
✓ 6th Floor - November 8, 1977  
*W.A.S.R.* ✓ 5th Floor - October 27, 1977  
✓ 4th Floor - November 17, 1977  
✓ 3rd Floor - January 21, 1978  
✓ 2nd Floor - December 22, 1977 (including 2nd Fl.W.)  
*OK* ✓ 1st Floor - January 13, 1978  
✓ Basement (finished areas only) - December 5, 1977

✓ The Hospital is concerned about the schedule for the erection of the Link to Mayo since the adjacent OR's presently have very heavy usage. HSPO will verify the schedule for this work with the General Contractor.

✓ The Unit A loading dock was permanently closed last weekend.

ITEM

ACTION/RESPONSE

2. Status of Proposed Changes and Modifications.

The Monitoring Schedule dated September 21, 1977 was reviewed with the following comments:

A. There were no new changes added to the list since 17 August 1977.

B. The status of changes are as follows:

1. U of M to provide requirements to Architect...	6	✓
2. Architect to prepare Mod.....	0	✓
3. HSPD reviewing Mod. for approval.....	1	✓
4. Contractors costing approved Mod.....	2	✓
5. Change completed as a Mod.....	58	✓
6. Other condition.....	18	✓
7. Architect/University evaluating costs.....	6	✓
<b>Total</b>	<b>91</b>	<b>✓</b>

C. The status of certain changes was reviewed:

1. Change 74 (Add acoustic insulation to Floor 15 Air Chambers) the Architect met today with the General Contractor, O.W. Hughes and Steve Greene to obtain resolution of this item. The Contractor will confirm additional costs and/or credit with his subcontractors.

D. Preliminary Modifications 172-A, 176-E and 177-E have not as yet been released to the Contractors for quotation and are awaiting University approval.

E. The following modifications were reviewed for cost approval:

1. 142-P (General Work, MTS System) - The General Contractors quotation of (+)\$29,995.00 was reviewed. The Hospital requested a more complete analysis from the Architect of the complete MTS modification status before approval of this cost.

2. 153-A (Various Electrical coordination items)- Wally Mellum is currently reviewing the Electrical Contractors quotation of (+)\$6614.00 for this change.

3. 159-P (Revise Hospital Classroom 9-138) - The General Contractors quotation of (+)\$3491.00 and the Electrical Contractors quotation of (+)\$1298.00 for a total mod cost of (+)\$4789.00 was reviewed. Wally Mellum is currently reviewing the Electrical cost and must confirm his recommendations.

## ITEM

## ACTION/RESPONSE

- ✓4. 164-P (Door revisions, Floor 2 Link to Mayo) -  
The General Contractors quotation of (+)\$6939.00 and the Electrical Contractors quotation of (+)\$99.00 for a total mod cost of (+)\$7038.00 was reviewed. The Hospital will explore the possibility of accomplishing some of the work with University personnel and then redefining the scope of work if feasible.
- ✓3. Contingency Report. ✓The Contingency Summary dated September 21, 1977 indicated a deficit of (-)\$8987.00. Additional proposed changes would further increase this deficit to approximately (-)\$19,000.00.
- ✓4. Unit B/C Phase II Work. ✓The contract documents are presently being printed and the updated cost estimate has been provided to HSPO. The bid advertisement date is not yet determined. The Architect will meet with HSPO for resolution.
- ✓5. Diehl Hall Remodeling. Maupin indicated no change in status concerning this item.
- ✓6. M.T.S. Contract Status. No comments. (See 2, E, 1, above).
- ✓7. Food Service on Floors 2 and 5. The Architects will review the Proceed Order for the project when it is made available. The University will employ two food service consultants for this work.
- ✓8. EKG Rooms 1-214 and 215. Wally Mellum is persuing the requirements for telephon and intercom installation with Rayproof Corporation and Northwestern Bell Telephone Company.
- ✓9. B/C to Mayo 5th Floor Link. The following Contractors have indicated the status of additional cost related to this revision:
1. Commercial Steel - No change.
  2. Sheehy Construction Co. - (+)\$360.00.
  3. Lamb Plumbing & Heating Co. - Time and Materials.
  4. Premier Electric Const. Corp. - No change.
- Total additional Cost to date (+)\$360.00
- ✓10. Pulmonary Function Dept. Changes (Change 15). The Architects are in the process of preparing a cost estimate for the revision of this room in accordance with the recent program information. The work will be incorporated into a later B/C Construction Contract.

ITEM

ACTION/RESPONSE

✓11. Lock Keying Schedule.

Bob Swanson is in the process of setting up the Keying Schedule. Floors 11, 12 and Basement will be completed first. HSPO will review the schedule with the appropriate University committee.

✓12. Trash Handling.

The Architects will meet with HSPO to review the trash handling master plan intent. A general information meeting will be arranged by HSPO for the appropriate University personnel to review trash handling procedures.

✓13. Fire Management System.

HSPO has arranged a meeting with the Architects and the appropriate University personnel on October 4th to review the operation of the Fire Management System.

cc: Meeting Attendees  
Clinton Hewitt  
Duane Blanchard

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE OCT. 5, 1977  
SHEET 1 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
1	ADDITIONAL CASEWORK IN AUDIOLOGY CLINIC - ROOM 8-157	23 JUN 76	1 FEB 77	MOD. COMPLETED.	HOSP. \$2,200	95-P 11 FEB 77
2	SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1.	26 MAY 76	1 JUL 77	MOD COMPLETED	HOSP, \$2,500	160-P 8 JULY 77
3	ENT. CLINIC AREA REDESIGN ON FLOOR 8.	22 DEC 76	1 FEB 77	MOD COMPLETED.	HOSP. (MAXIMUM) \$15,000	96-P 1 FEB 77
4	ADD CONTROL DOORS IN TUNNEL CORR. TO RADIOLOGY ON FLOOR 2.	17 NOV. 76	1 JUL 77	ARCHITECT/NOFM EVALUATING COSTS: GENL (+) 6939.00 ELEC (+) 99.00 TOTAL (+) 7038.00	HOSP. \$1,500	164-P 19 JULY 1977
5	GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.R. - FLOOR 2.	17 NOV. 76	1 MAR 77	MOD. COMPLETED.	HOSP, \$6,000	111-P 28 FEB 77
6	DELETE S.N.R. IN CERTAIN CLINIC TOILET ROOMS.	17 JUL. 76	15 DEC 77	MOD. COMPLETED	CONT. CREDIT	77-P 15 DEC 77
7	REVISED DESIGN FOR FLOORS 3 & 4. GUARDRAIL PROVISION.	13 OCT 76	1 MAY 77	MOD REJECTED 7/7/77.	HOSP. \$7,500	147-P 25 MAY 77
8	LIGHTING CHANGES IN CLINICS.	19 JAN 77	15 FEB 77	MOD COMPLETED.	HOSP.	102-P 16 FEB 77
9	ADDITION OF INTRUSION DETECTION SECURITY SYSTEM. DOOR PROVISIONS ONLY.	20 DEC 76	22 FEB 77	MOD REJECTED 11 MAY 1977 FL. 9 TO BE T&M	HOSP.	121-P 4 MARCH 77
10	LEAD SHIELDING FOR DOOR NO. 1-240.	11 AUG 76	15 DEC 76	MOD. COMPLETED	HOSP. \$1,226	78-P 15 DEC 77



# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE OCT. 5, 1977  
SHEET 2 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
11	PLAZA WATERPROOFING DESIGN CHANGE.	18 AUG 76	1 MAR 77	CONST. COORDINATOR NEGOTIATING CONTRS. PROPOSED CREDIT (-) 33,574.00	CONT. CREDIT \$40,000	123-E 7 MARCH 77
12	LEAD SHIELDING IN FLOOR OF ROOM 3-141.	29 SEP 76	1 JUL 77	MOD COMPLETED.	HOSP. \$3,000	162-P 8 JULY 1977
13	ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76.	31 AUG 76	1 JAN 77	80 - CONTRACTOR COSTING 81 & 85 - MOD COMPLETED. 86 & 88 - TIME AND MATLS. 84 & 89 - REJECTED.	HOSP \$7,600	80,81,84,85, 86,87,88,89 1 JAN 77
14	DELETE CASEWORK AND SPECIAL FINISHES IN UROLOGY ROOMS.	1 OCT 76	1 JAN 77	MOD. COMPLETED.	HOSP. CREDIT \$4,000	82-P 28 DEC 76
15	ADD A PULMONARY FUNCTION LAB ON FLOOR 4.	12 SEPT. 77		ARCHITECT TO PROVIDE ESTIMATED COST. INCLUDE WORK IN LATER PHASE.	HOSP.	OMIT
16	ADD ROOM TO FAMILY PRACTICE ON FLOOR 6.	5 NOV 76	1 JAN 77	MOD REJECTED 29 APRIL 1977	USER \$5,000	83-P 28 DEC 76
17	REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK.	28 OCT 76	1 JUL 77	MOD COMPLETED.	CONT. \$550	170-E 26 JULY 77
18	ROOF DESIGN CHANGE BY UoM FOR COST SAVINGS.	17 NOV 76	1 MAR 77	MOD COMPLETED.	CONT. CREDIT (-)\$35,000.00	124-E 7 MARCH 1977
19	MISCELLANEOUS TELEPHONE CHANGES.	18 AUG 76	1 JAN 77	MOD COMPLETED.	CONT.	90-P 7 JAN 77
20	OMIT RADIOLOGY CASH ALLOWANCE.	14 OCT 76	4 MAR 77	MOD. COMPLETED. TOTAL (-) 45,000.00	HOSP. CREDIT	116-P 3 MARCH 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE: 001.5, 1977  
SHEET 3 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
21	FLOOR 2 ADMISSIONS AREA CHANGE PER PHASE II PLANS,	19 JAN 77	4 MAR 77	MOD COMPLETED.	HOSP.	.120-P 25 MARCH 1977
22	MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS.	16 JUN 76	15 MAR 77	MOD COMPLETED.	CONT. \$15,000	125-P 16 MARCH 1977
23	INCREASE CEILING HT. IN ROOMS 1-380 & 381 TO 8'-0".	17 NOV 76	1 JUN 77	MOD COMPLETED.	CONT. \$400	156-P 21 JUNE 1977
24	ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W, REVISE EXISTING PIPING & DVOTS.	26 MAY 76	1 APR 77	GENERAL MOD DIVISION COMPLETE. (+) 641.00 MECHANICAL ON TIME & MATERIALS BASIS.	CONT. \$2500	128-A 29 MARCH 1977
25	REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK.	FIELD	15 JAN 77	MOD. COMPLETED.	CONT. MINIMUM	91-E 17 JAN 77
26	FILM ILLUMINATOR CHANGE.	17 NOV. 76	1 MAR 77	NO CHANGE IS REQ'D		OMIT
27	REVISE TEMP. CONTROLS FOR CHILLER PUMPS IN UNIT A.	17 AUG 76	1 JAN 77	MOD. COMPLETED	CONT. CREDIT \$10,000	79-E 15 DEC 76
28	OMIT ALL FIELD PAINTING OF STRUCTURAL STEEL.	20 MAY 76	1 MAR 77	MOD. COMPLETED.	CONT. CREDIT \$5,700	115-E 1 MAR 77
29	WEST PLAZA DRAINAGE SYSTEM PROVISIONS	17 NOV. 76	1 MAR 77	MOD COMPLETED.	CONT.	114-E 28 FEB 77
30	OMIT STAINLESS STEEL FLASHING RELATED TO PLAZA CONSTRUCTION.	17 NOV. 76	1 MAR. 77	MOD. COMPLETED.	CONT. CREDIT \$10,400	118-E 1 MAR 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE Oct. 5, 1977  
SHEET 4 OF 10

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 A 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. H\$14,299.00	
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	MOD. COMPLETED	HOSP. \$900	112-P 28 FEB 77
36	CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11.	15 NOV. 76	1 FEB 77	MOD. COMPLETED.	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	MOD. COMPLETED.	HOSP.	97-P 1 FEB 77
38	PROVIDE RADIATION SUPPORTS IN SHELL SPACE	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$28,068	93-E 21 JAN 77
39	CHANGE DOORS AT ELECTRICAL VAULT ROOMS; B, 10, 15.	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$1,752	92-E 21 JAN 77
40	OMIT RESILIENT SUSPENSION SYSTEM IN CERTAIN AREAS	2 FEB 77	15 FEB 77	MOD. COMPLETED	CONT. CREDIT \$650	100-E 4 FEB 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 01.5.1977  
SHEET 5 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
41	ELECTRICAL CONTRACTOR INSTALLED UOFM SUPPLIED LIGHT FIXTURES.	FIELD 3 NOV 76	_____	MOD COMPLETED.	CONT. \$168	170-E 26 JULY 77
42	GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS.	FIELD 5 JAN 77	_____	NO MOD REQUIRED (SEPERATE W. PURCHASE ORDER)	UNIT A CONTRACTOR \$10,118	OMIT
43	MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES.	14 DEC 76	15 FEB 77	MOD COMPLETED.	CONT. CREDIT	104-P 14 FEB 77
44	ADD TWO PLASTIC LAMINATE FIRE HOSE CABINETS LOCATED AT B-91 AND 10-101.	19 JAN 77	15 FEB 77	MOD COMPLETED.	CONT.	99-A 2 FEB 77
45	OTONEUROLOGY PROCEDURES SUITE ADDITION FLOOR 8.	19 JAN 77	22 FEB 77	MODIFICATION REJECTED.	HOSP. \$68,270	110-P (OMIT) 24 FEB 77
46	UNIT B/C PHASE II INTERFACE MODIFICATION FLOORS 1 AND 2	28 JAN 77	15 FEB 77	MOD COMPLETED	HOSP.	98-P 2 FEB 77
47	ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7.	2 FEB 77	1 MAR 77	MOD REJECTED d/d/n.	CONT/USER	105-P 16 FEB 77
48	MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	108-E 21 FEB 77
49	OMIT AUTOMATIC AIR VENTS ON HYDRONIC SUPPLY AND RETURN RISERS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	107-E 21 FEB 77
50	CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTOSCOPE/OPHTHALMOSCOPE	2 FEB 77	1 APR 77	ARCHT. REVISION BY 15 MARCH 77 LETTER. NO MOD REQUIRED.	HOSP.	OMIT

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 01.5.1977  
SHEET 6 OF 10

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	1 APR 77	MOD COMPLETED.		131-P 1 APRIL 77
52	FLOOR 2 OBERVATION WINDOW ADDITION.	2 FEB 77	1 APR 77	MOD COMPLETED		132-P 1 APRIL 77
53	FLOOR 8 E.N.T. CLINIC CHANGES INCLUDING THE ADDITION OF A FOLDING PARTITION	2 FEB 77	15 APR 77	MOD REJECTED 6/10/77		138-P 29 APRIL 77
54	REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS: BSM'T & FLOORS 10 & 15.	2 FEB 77		MOD COMPLETED		106-A 8 MAR. 77
55	REVISE PLAS. LAM. LOCKERS IN ROOMS 1-284 & 286 BY ADDING PADLOCK HASPS.	—————	15 FEB 77	MOD COMPLETED.		103-P 14 FEB 77
56	OMIT CONCEALED SOAP DISPENSERS ON FIXTURES F-3B & F3-D ON EXAM ROOM LAVATORY SINKS.	10 FEB 77	15 FEB 77	MOD COMPLETED.		101-P 14 FEB 77
57	MODIFY CORE 26 ON FLOOR 9 TO ALLOW INSTALLATION OF ELECTRICAL PANELS.	17 FEB 77		MODIFICATION REJECTED.		113-E (OMIT) 28 FEB 77
58	MODIFY CONTROL ROOMS OF RADIOLOGY ROOMS; 1-232, 235, 240 AND 242.	18 FEB 77	7 MAR 77	MOD COMPLETED.		122-P 23 MARCH 77
59	OMIT MACHINE ROOM SLAB ABOVE FUTURE ELEVATOR NO. 1.	16 FEB 77	7 MAR 77	MOD 119-E REJECTED. (MECHANICAL WORK IN MOD. 135-A) (MOD. 135-A REJECTED)		OMIT
60	FIELD ORDER TO STOP INSTALL. OF PRECAST CONC. BENCHES IN WEST AREA			O. HUGHES TO ADVISE ARCH'T OF CHANGES DESIRED		

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE OCT. 5, 1977  
SHEET 7 OF 10.

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	ADD ELEC. DISCONNECT SWITCH TO ELEV. CONTROLLERS FOR ELEV. 4, 5 & 6 PER LETTER BY STATE.	20 JAN 77	1 APR 77	MOD REJECTED 6/30/77		130-A 1 APRIL 77
62	ADJUST CASH ALLOWANCE FOR AUD. SEATING TO BID AMOUNT.	2 FEB 77	4 MAR 77	MOD. COMPLETED	CONT. CREDIT \$ 2,900	117-P 8 MARCH, 77
63	OMIT AIR COMPRESSOR FOR AUTOMATIC DOORS 1-61 & 296.	20 JAN 77	15 MAY 77	MOD COMPLETED.	CREDIT \$ 76500	148-A MAY 6 1977
64	CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. (ELECTRICAL WORK)			MOD REJECTED 6/30/77		141-P 28 APRIL 77
65	OMIT AIR BLENDERS FOR 100% OUTSIDE AIR UNITS S-1C AND S-18C.			MOD COMPLETED.	CREDIT	109-A 21 FEB 77
66	ALLOW MASON INDUSTRIES TYPE FSN FLOATING FLOOR SYSTEM IN AIR CHAMBERS	2 FEB 77	15 APR 77	MOD. COMPLETED.	CREDIT \$ 1,200	137-A 19 APRIL, 77
67	ADD CEILING ACCESS PANELS PER FIELD DIRECTION.	4 JAN 77	FIELD	UoFM TO ADVISE ARCH'T OF QUANTITY AND COST.		
68	REVISE FOUR METAL SERVICE PANELS IN ROOM 9-155 TO ACCOMODATE FOUR C-2 FIXTURES.	31 AUG 76	—	NO MOD. REQUIRED		OMIT
69	CHANGE SERVICE SINK PROVISION IN ROOM 1-78-TRASH/JANITOR.	30 MARCH 77	15 APRIL 77	MOD COMPLETED.		139-A 20 APRIL, 77
70	UNIT B/C PHASE II INTERFACE MOD. FLOOR 9	28 JAN 77	21 MAR 77	MOD COMPLETED.		129-P 12 APRIL 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE OCT. 5, 1977  
SHEET 8 OF 10

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	PROVIDE MIRRORS & COAT HOOKS IN AMBULATORY SURGERY ROOMS 1-301, 302, 303	31 AUG 76	1 APR 77	MOD COMPLETED		133-P 5 APRIL 77
72	PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370	_____	1 APR. 77	MOD COMPLETED		127-A 18 MARCH 1977
73	REVISE DELAWARE STREET GRATINGS FOR DRAINS ON GRIDS E5 AND E15.	24 FEB 77	1 APR 77	MOD. COMPLETED.	CONT. \$ 946	134-E 5 APRIL 77
74	ADD ACOUSTIC INSULATION TO FLOOR 15 AIR CHAMBERS	1 MAR 77	1 MAY 77	MOD COST/CREDIT UNDER NEGOTIATION W/ CONTR.		
75	PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE MGMT. CONTROL ROOM.		1 APR. 77	MOD COMPLETED		126-E 18 MARCH 1977
76	REVERSE SWING OF DOORS 2-52 SECOND FLOOR VIECT FROM MAYO TO PEDISTRIAN LINK FOR ENT PURPOSE.	16 MARCH 77	1 JUL. 77	ARCHITECT/W OF M EVALUATING COSTS GENL. (\$) 6139.00 ELEC. (\$) 99.00 TOTAL (\$) 7038.00		164-P 19 JULY 1977
77	ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121.	30 MARCH 77		MOD COMPLETED.	\$1,300.00	149-P 9 MAY 1977
78	ARRANGE AND SEATING CHANGES TO ROOM 2-104 CLINICAL AUDITORIUM.	5 APRIL 1977	15 APRIL 77	MOD. COMPLETED (ELEC. ON T&M BASIS)		136-A 12 APRIL 1977
79	ADD PROVISIONS FOR RELAY ROOM 2-94.	30 MARCH 1977	1 MAY 77	MOD COMPLETED.		144-P 2 MAY 77
80	ADD OBSERVATION WINDOW BTWN. EXAM ROOMS 4TH FLOOR PEDIATRICS CLINIC.	31 MARCH 77		MOD COMPLETED.		140-P 18 APRIL 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE: 06.15.1977  
SHEET 9 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
81	ADD CASEWORK TO HOSPITAL CLASS ROOM 9-138.	30 MARCH '77 23 MAY 77 HSPD LETTER		...UOFM EVALUATING COSTS: GENL (+) 3491.00 ELEC (+) 1292.00 TOTAL (+) 4783.00		159-P 24 JUNE 77
82	UNIT B/C PHASE II INTERFACE. MOD. FLOORS 1, 2, 8, 9.		MAY 15, '77	MOD COMPLETED.		154-P 15 JUNE 77
83	ADD STEEL BOLARDS FOR PIPE PROTECTION IN EXIST. MAYO GARAGE.			MOD REJECTED 6/21/77		151-E. 20 MAY 77
84	PROVIDE TEMPORARY ELEVATOR NO 1 FOR FUTURE CONSTRUCTION HOISTING FOR FINISHING SHELL SPACE.			MOD COMPLETED.		152-P 13 JUNE 77
85	VARIOUS ELECTRICAL CONTRACT COORDINATION ITEMS.			CONTRACTOR SIGNING	(+1750 <sup>00</sup> )	153-A 24 MAY 77
86	REVISION TO FLOORS 3 and 8 TO ACCOMMODATE CHILDRENS PSYCHIATRY.	29 JUNE '77		CONTRACTORS COSTING 166-P. ARCHITECT EVALUATING 167-P		166-P (FL. 8) 167-P (FL. 3) 25 JULY 77
87	REVISE THE FUEL OIL PIPING SYSTEM.			MOD COMPLETED.		157-A 8 JUNE 77
88	PHARMACY AREA FLOOR 2 SECURITY PROVISIONS	13 JUNE '77		GENL. (T & M) ELEC. (T & M)		165-P 18 JULY 1977
89	OMIT VAT & VINYL IN CERTAIN AREAS FOR SUBSTITUTION OF GRAP # CARPET.	20 JUNE 77 HSPD LETTER		MOD COMPLETED.	HOSP. (+) 2550.00	163-P 15 JULY 77
90	MISCELLANEOUS GENERAL AND ELECTRICAL REVISIONS TO ACCOMMODATE ELECTRICAL ITEMS (4)			HSPD REVIEWING FOR APPROVAL TO ISSUE.		172-A 8 AUG. 1977



# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE OCT. 5, 1977  
SHEET 10 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
91	REVISE STEEL CONNECTION AT 5TH FLOOR LINK TO MAYO TO AVOID CONFLICTS WITH EXISTING ITEMS.			ARCHT./W EVALUATING COSTS: GENL. (+) 360.00 MECH (+) T.P.M. ELEC. (+) N.C. TOTAL (+) 360.00		
92						
93						
94						
95						
96						
97						
98						
99						
100						

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: 5 October 1977  
SUBJECT: Unit B/C Progress Meeting  
PRESENT: Messrs; Kogl, Nelson, Swanson, Patterson, Hart, Dickler,  
Kujawa, Blahchard, Carlson, Ms. Satorius, Ms. Gensmer  
NOTE: Next Progress Meeting 19 October 1977 at 10:00 A.M.

ITEM	ACTION/RESPONSE						
1. Project Schedule.	<p>Both levels of the K/E Tunnel Link to B/C are accessible but only the First Floor level is currently being used.</p> <p>Jim Nelson indicated that the Users had been notified when the various floors would be finished for occupancy as follows:</p> <table><tr><td>Basement</td><td>5 December 1977 (probable)</td></tr><tr><td>Floors 1 - 9</td><td>5 March 1978</td></tr><tr><td>Floors 11 &amp; 12</td><td>22 December 1977</td></tr></table> <p>M. Lande, G. Kujawa, and Steve Greene are working together to coordinate the construction timing of the Fifth Floor Link to Mayo Hospital and is reportedly under control.</p> <p>The Unit A loading dock remains closed except for the delivery of Unit B/C related equipment.</p>	Basement	5 December 1977 (probable)	Floors 1 - 9	5 March 1978	Floors 11 & 12	22 December 1977
Basement	5 December 1977 (probable)						
Floors 1 - 9	5 March 1978						
Floors 11 & 12	22 December 1977						
✓ 2. Status of Proposed Changes and Modifications.	<p>The Monitoring Schedule dated October 5, 1977 was reviewed with the following comments:</p> <p>A. There were no new changes added to the list since 21 September 1977.</p>						

## B. The status of changes are as follows:

1. U/M to provide requirements to Architect...	6
2. Architect to prepare Mod.....	0
3. HSP0 reviewing Mod. for approval.....	1
4. Contractors costing approved Mod.....	1
5. Change completed as a Mod.....	59
6. Other condition.....	18
7. Architect/University evaluating costs.....	6
<u>Total</u>	<u>91</u>

## C. The following modifications were reviewed for cost approval:

1. 155-P (General, Mechanical, and Electrical Work, Floor 1 West, MTS System) - The General Contractors quotation of (+)\$6927.00, the Mechanical Contractors quotation of (+)\$14,993.00, and the Electrical Contractors quotation of (+)\$665.00 for a total mod. cost of (+)\$22,585.00 was reviewed and approved.
2. 159-P (Hospital Classroom 9-138 revisions) - The General Contractors quotation of (+)\$3,491.00 and the Electrical Contractors quotation of (+)\$1298.00 for a total mod. cost of \$4789.00 was reviewed. Kogl recommended rejection of the Electrical Proposal and further indicated this work would be performed by Kvalsten Electric. The General Contractors amount of (+)\$3491.00 was approved.
3. 167-P (Floor 3, Childrens Phychiatry) - The General Contractors quotation of (+)\$1235.00 the Mechanical Contractors indication of "no change", and the Electrical Contractors quotation of (+)\$1085.00 for a total mod. cost of (+)\$2320.00 was reviewed and approved.
4. In other action Mod. 164-P (Door Revisions, Floor 2 Link to Mayo) previously reviewed in the Unit B/C Progress Meeting of 21 Sept. 1977 was approved. The General Contractors quotation of (+)\$6939.00 and the Electrical Contractors quotation of (+)\$99.00 for a total mod. cost of (+)\$7038.00 was restated.

## ✓ 3. Contingency Report.

No further change in status since the last Unit B/C Progress Meeting on 21 September 1977.

## ITEM

## ACTION/RESPONSE

- |   |   |
|---|---|
| 4. Unit B/C Phase II Work.                          | University financial accounting has not been completed and is therefore restraining the issuance of contract documents for bidding. A firm decision is required as to how the cost will be shared between the two Departments.                    |
|   | The contract documents are otherwise ready to issue however no further confirmation has been made regarding the bid advertisement date.   |
| ✓ 5. Diehl Hall Remodeling.                         | No further change in status.  |
| ✓ 6. M.T.S. Contract Status.                        | Mosler indicates that the "turn-over-date" projected to be 15 May 1978 will also be the commencement date of guarantee due to the probable maintenance required of the system if allowed to be non-operational for a period of time.              |
|   | Mod. 150-E (Mechanical Work to accommodate MTS) is currently unresolved since the Mechanical Contractor has thus far refused to sign this modification.   |
| ✓ 7. Food Service on Floors 2 and 5.                | The University has an agreement with a food service consultant for the project. The space requirements have been reviewed and the program is being developed.   |
| ✓ 8. EKG Rooms 1-214 and 215.                       | The installation of the telephone and intercom systems in these rooms has been resolved. The electrical filters will be changed according to the EKG specifications to be provided.   |
| ✓ 9. B/C to Mayo 5th Floor Link.                    | The General Contractors proposed additional cost of \$(+)360.00 was reviewed and approved. The costs related to this revision will be from contingency funding. The Architects will issue a modification to include the General Contractors cost. |
| ✓ 10. Pulmonary Function Dept. Changes (Change 15). | The Architects have submitted the estimated costs of this work to the Hospital and HSPO in a letter dated September 28, 1977.   |
| ✓ 11. Lock Keying Schedule.                         | HSPO is in the process of developing the Keying Schedule.   |
| ✓ 12. Trash Handling.                               | A meeting will be held on Thursday, October 6th at 2:00 PM to review the trash handling procedures. The Architects will also attend this meeting.   |
| ✓ 13. Fire Management System.                       | A meeting was held on October 4th to review the operation of this system, however the total system operation is not fully resolved.   |

cc: Meeting Attendees  
Clinton Hewitt  
Paul Maupin

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE OCT. 19, 1977  
SHEET 1 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
1	ADDITIONAL CASEWORK IN AUDIOLOGY CLINIC - ROOM 8-157	23 JUN 76	1 FEB 77	MOD. COMPLETED.	HOSP. \$2,200	.95-P 11 FEB 77
2	SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1.	26 MAY 76	1 JUL 77	MOD. COMPLETED	HOSP. \$2,500	160-P 8 JULY 77
3	ENT. CLINIC AREA REDESIGN ON FLOOR 8.	22 DEC 76	1 FEB 77	MOD. COMPLETED.	HOSP. (MAXIMUM) \$15,000	96-P 1 FEB 77
4	ADD CONTROL DOORS IN TUNNEL CORR. TO RADIOLOGY ON FLOOR 2.	17 NOV 76	1 JUL 77	CONTRACTORS SIGNING.	HOSP. \$1,500	164-P 19 JULY 1977
5	GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.P. - FLOOR 2.	17 NOV. 76	1 MAR 77	MOD. COMPLETED.	HOSP. \$6,000	111-P 28 FEB 77
6	DELETE S.N.R. IN CERTAIN CLINIC TOILET ROOMS.	17 JUL 76	15 DEC 77	MOD. COMPLETED	CONT. CREDIT	77-P 15 DEC 77
7	REVISED DESIGN FOR FLOORS 3 & 4. GUARDRAIL PROVISION.	13 OCT 76	1 MAY 77	MOD REJECTED 7/7/77.	HOSP. \$7,500	147-P 25 MAY 77
8	LIGHTING CHANGES IN CLINICS.	19 JAN 77	15 FEB 77	MOD. COMPLETED.	HOSP.	102-P 16 FEB 77
9	ADDITION OF INTRUSION DETECTION SECURITY SYSTEM, DOOR PROVISIONS ONLY	20 DEC 76	22 FEB 77	MOD REJECTED 11 MAY 1977 FL. 9 TO BE T&M	HOSP.	121-P 4 MARCH 77
10	LEAD SHIELDING FOR DOOR NO. 1-240.	11 AUG 76	15 DEC 76	MOD. COMPLETED	HOSP. \$1,226	78-P 15 DEC 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE OCT. 19, 1977  
SHEET 2 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
11	PLAZA WATERPROOFING DESIGN CHANGE.	18 AUG 76	1 MAR 77	CONST. COORDINATOR NEGOTIATING CONTRS. PROPOSED CREDIT (-) 33,574.00	CONT. CREDIT \$40,000	123-E 7 MARCH 77
12	LEAD SHIELDING IN FLOOR OF ROOM 3-141.	29 SEP 76	1 JUL 77	MOD COMPLETED.	HOSP. \$3,000	162-P 8 JULY 1977
13	ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76.	31 AUG 76	1 JAN 77	80 - CONTRACTOR COSTING 81 & 85 - MOD COMPLETED 86 & 87 - TIME AND MATLS. 84 & 89 - REJECTED.	HOSP \$7,600	80, 81, 84, 85, 86, 87, 88, 89 1 JAN 77
14	DELETE CASEWORK AND SPECIAL FINISHES IN UROLOGY ROOMS.	1 OCT 76	1 JAN 77	MOD. COMPLETED.	HOSP. CREDIT \$4,000	82-P 28 DEC 76
15	ADD A PULMONARY FUNCTION LAB ON FLOOR 4.	12 SEPT. 77	—	ARCHITECT PROVIDED ESTIMATED COST. INCLUDE WORK IN LATER PHASE.	HOSP. \$17,640.00	OMIT
16	ADD ROOM TO FAMILY PRACTICE ON FLOOR 6.	5 NOV 76	1 JAN 77	MOD REJECTED 29 APRIL 1977	USER \$5,000	83-P 28 DEC 76
17	REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK.	28 OCT 76	1 JUL 77	MOD COMPLETED.	CONT. \$550	170-E 26 JULY 77
18	ROOF DESIGN CHANGE BY UOFM FOR COST SAVINGS.	17 NOV 76	1 MAR 77	MOD COMPLETED.	CONT. CREDIT (-)\$35,000.00	124-E 7 MARCH 1977
19	MISCELLANEOUS TELEPHONE CHANGES.	18 AUG 76	1 JAN 77	MOD COMPLETED.	CONT.	90-P 7 JAN 77
20	OMIT RADIOLOGY CASH ALLOWANCE.	14 OCT 76	4 MAR 77	MOD. COMPLETED. TOTAL (-) 45,000.00	HOSP. CREDIT	116-P 3 MARCH 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE OCT. 19, 1977  
SHEET 3 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
21	FLOOR 2 ADMISSIONS AREA CHANGE PER PHASE II PLANS.	19 JAN 77	4 MAR 77	MOD COMPLETED.	HOSP.	.120-P 25 MARCH 1977
22	MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS.	16 JUN 76	15 MAR 77	MOD COMPLETED.	CONT. \$15,000	125-P 16 MARCH 1977
23	INCREASE CEILING HT. IN ROOMS 1-380 & 381 TO 8'-0".	17 NOV 76	1 JUN 77	MOD COMPLETED.	CONT. \$400	156-P 21 JUNE 1977
24	ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W, REVISE EXISTING PIPING & DVOTS.	26 MAY 76	1 APR 77	GENERAL MOD DIVISION COMPLETE. (+) 641.00 MECHANICAL ON TIME & MATERIALS BASIC.	CONT. \$2,500	128-A 29 MARCH 1977
25	REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK.	FIELD	15 JAN 77	MOD. COMPLETED.	CONT. MINIMUM	91-E 17 JAN 77
26	FILM ILLUMINATOR CHANGE.	17 NOV 76	1 MAR 77	NO CHANGE IS REQ'D		OMIT
27	REVISE TEMP. CONTROLS FOR CHILLER PUMPS IN UNIT A.	17 AUG 76	1 JAN 77	MOD COMPLETED	CONT. CREDIT \$10,000	79-E 15 DEC 76
28	OMIT ALL FIELD PAINTING OF STRUCTURAL STEEL.	20 MAY 76	1 MAR 77	MOD. COMPLETED.	CONT. CREDIT \$5,700	115-E 1 MAR 77
29	WEST PLAZA DRAINAGE SYSTEM PROVISIONS	17 NOV 76	1 MAR 77	MOD COMPLETED.	CONT.	114-E 28 FEB 77
30	OMIT STAINLESS STEEL FLASHING RELATED TO PLAZA CONSTRUCTION.	17 NOV 76	1 MAR 77	MOD. COMPLETED.	CONT. CREDIT \$10,400	118-E 1 MAR 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE Oct. 19 1977  
SHEET 4 OF 10

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 A 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. \$14,299.00	
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	MOD. COMPLETED	HOSP. \$900	112-P 28 FEB 77
36	CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11.	15 NOV. 76	1 FEB 77	MOD. COMPLETED.	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	MOD. COMPLETED.	HOSP.	97-P 1 FEB 77
38	PROVIDE RADIATION SUPPORTS IN SHELL SPACE	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$28,068	93-E 21 JAN 77
39	CHANGE DOORS AT ELECTRICAL VAULT ROOMS; B, 10, 15.	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$1,752	92-E 21 JAN 77
40	OMIT RESILIENT SUSPENSION SYSTEM IN CERTAIN AREAS	2 FEB 77	15 FEB 77	MOD. COMPLETED	CONT. CREDIT \$650	100-E 4 FEB 77



# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE OCT 19, 1977  
SHEET 5 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
41	ELECTRICAL CONTRACTOR INSTALLED UOFM SUPPLIED LIGHT FIXTURES.	FIELD 3 NOV 76	_____	MOD COMPLETED.	CONT. \$168	170-E 26 JULY '77
42	GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS.	FIELD 5 JAN 77	_____	NO MOD REQUIRED (SEPARATE W. PURCHASE ORDER)	UNIT A CONTRACTOR \$10,118	OMIT
43	MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES.	14 DEC 76	15 FEB 77	MOD COMPLETED.	CONT. CREDIT	104-P 14 FEB 77
44	ADD TWO PLASTIC LAMINATE FIRE HOSE CABINETS LOCATED AT B-91 AND 10-101.	19 JAN 77	15 FEB 77	MOD COMPLETED.	CONT.	99-A 2 FEB 77
45	OTONEUROLOGY PROCEDURES SUITE ADDITION FLOOR 8.	19 JAN 77	22 FEB 77	MODIFICATION REJECTED.	HOSP. \$68,270	110-P (OMIT) 24 FEB 77
46	UNIT B/C PHASE II INTERFACE MODIFICATION FLOORS 1 AND 2	28 JAN 77.	15 FEB 77	MOD COMPLETED	HOSP.	98-P 2 FEB 77
47	ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7.	2 FEB 77	1 MAR 77	MOD REJECTED (draft).	CONT/USER	105-P 16 FEB 77
48	MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	108-E 21 FEB 77
49	OMIT AUTOMATIC AIR VENTS ON HYDRONIC SUPPLY AND RETURN RISERS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	107-E 21 FEB 77
50	CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTOSCOPE / OPHTHALMOSCOPE	2 FEB 77	1 APR 77	ARCHT. REVISION BY 15 MARCH 77 LETTER. NO MOD. REQUIRED.	HOSP.	OMIT

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE OCT. 19, 1977  
SHEET 6 OF 10

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	1 APR 77	MOD COMPLETED.		131-P 1 APRIL 77
52	FLOOR 2 OBERVATION WINDOW ADDITION.	2 FEB 77	1 APR 77	MOD COMPLETED		132-P 1 APRIL 77
53	FLOOR 8 E.N.T. CLINIC CHANGES INCLUDING THE ADDITION OF A FOLDING PARTITION	2 FEB 77	15 APR 77	MOD REJECTED 6/10/77		138-P 29 APRIL 77
54	REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS: BSM'T & FLOORS 10 & 15.	2 FEB 77		MOD COMPLETED		106-A 8 MAR. 77
55	REVISE PLAS. LAM. LOCKERS IN ROOMS 1-284 & 286 BY ADDING PADLOCK HASPS.	—	15 FEB 77	MOD COMPLETED.		103-P 14 FEB 77
56	OMIT CONCEALED SOAP DISPENSERS ON FIXTURES F-3B & F3-D ON EXAM ROOM LAVATORY SINKS.	10 FEB 77	15 FEB 77	MOD COMPLETED.		101-P 14 FEB 77
57	MODIFY CORE 26 ON FLOOR 9 TO ALLOW INSTALLATION OF ELECTRICAL PANELS.	17 FEB 77		MODIFICATION REJECTED.		113-E (OMIT) 28 FEB 77
58	MODIFY CONTROL ROOMS OF RADIOLOGY ROOMS; 1-232, 235, 240 AND 242.	18 FEB 77	7 MAR 77	MOD COMPLETED.		122-P 23 MARCH 77
59	OMIT MACHINE ROOM SLAB ABOVE FUTURE ELEVATOR NO. 1.	16 FEB 77	7 MAR 77	MOD 119-E REJECTED. (MECHANICAL WORK IN MOD. 135-A) (MOD. 135-A REJECTED)	—	OMIT
60	FIELD ORDER TO STOP INSTALL. OF PRECAST CONC. BENCHES IN WEST AREA			O. HUGHES TO ADVISE ARCH'T OF CHANGES DESIRED		

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE OCT. 19, 1977  
SHEET 7 OF 10

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	ADD ELEC. DISCONNECT SWITCH TO ELEV. CONTROLLERS FOR ELEV. 4, 5 & 6 PER LETTER BY STATE.	20 JAN 77	1 APR 77	MOD REJECTED 6/30/77		130-A 1 APRIL 77
62	ADJUST CASH ALLOWANCE FOR AUD. SEATING TO BID AMOUNT.	2 FEB 77	4 MAR 77	MOD. COMPLETED	CONT. CREDIT \$ 2,900	117-P 8 MARCH, 77
63	OMIT AIR COMPRESSOR FOR AUTOMATIC DOORS 1-61 & 296.	20 JAN 77	15 MAY 77	MOD COMPLETED.	CREDIT \$76500	148-A MAY 6 1977
64	CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. (ELECTRICAL WORK)			MOD REJECTED 6/30/77		141-P 28 APRIL 77
65	OMIT AIR BLENDERS FOR 100% OUTSIDE AIR UNITS S-1C AND S-18C.			MOD COMPLETED.	CREDIT	109-A 21 FEB 77
66	ALLOW MASON INDUSTRIES TYPE ESN FLOATING FLOOR SYSTEM IN AIR CHAMBERS	2 FEB 77	15 APR 77	MOD. COMPLETED.	CREDIT \$ 1,200	137-A 19 APRIL, 77
67	ADD CEILING ACCESS PANELS PER FIELD DIRECTION.	4 JAN 77	FIELD	UoFM TO ADVISE ARCH'T OF QUANTITY AND COST.		
68	REVISE FOUR METAL SERVICE PANELS IN ROOM 9-155 TO ACCOMMODATE FOUR C-2 FIXTURES.	31 AUG 76	---	NO MOD. REQUIRED		OMIT
69	CHANGE SERVICE SINK PROVISION IN ROOM 1-78- TRASH/JANITOR.	30 MARCH 77	15 APRIL 77	MOD COMPLETED.		139-A 20 APRIL, 77
70	UNIT B/C PHASE II INTERFACE MOD. FLOOR 9	28 JAN 77	21 MAR 77	MOD COMPLETED.		129-P 12 APRIL 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE OCT. 19, 1977  
SHEET 8 OF 10

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	PROVIDE MIRRORS & COAT HOOKS IN AMBULATORY SURGERY ROOMS 1-301, 302, 303	31 AUG 76	1 APR 77	MOD. COMPLETED		133-P 5 APRIL 77
72	PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370	—	1 APR. 77	MOD. COMPLETED		127-A 18 MARCH 1977
73	REVISE DELAWARE STREET GRATINGS FOR DRAINS ON GRIDS E5 AND E15.	24 FEB 77	1 APR 77	MOD. COMPLETED.	CONT. \$ 946	134-E 5 APRIL 77
74	ADD ACOUSTIC INSULATION TO FLOOR 15 AIR CHAMBERS	1 MAR 77	1 MAY 77	MOD COST/CREDIT UNDER NEGOTIATION W/ CONTR.		
75	PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE MGMT. CONTROL ROOM.		1 APR. 77	MOD COMPLETED		126-E 18 MARCH 1977
76	REVERSE SWING OF DOORS 2-52 SECOND FLOOR WEST FROM MAYO TO PEDESTRIAN LINK FOR ENT PURPOSE.	16 MARCH 77	1 JUL. 77	CONTRACTORS SIGNING.		164-P 19 JULY 1977
77	ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121.	30 MARCH 77		MOD. COMPLETED.	\$ 1300.00	149-P 9 MAY 1977
78	ACSE AND SEATING CHANGES TO ROOM 2-104 CLINICAL AUDITORIUM.	5 APRIL 1977	15 APR. 77	MOD. COMPLETED (ELEC. ON T&M BASIS)		136-A 12 APRIL 1977
79	ADD PROVISIONS FOR REWAY ROOM 2-94.	30 MARCH 1977	1 MAY 77	MOD. COMPLETED.		144-P 2 MAY 77
80	ADD OBSERVATION WINDOW BTWN. EXAM ROOMS 4TH FLOOR PEDIATRICS CLINIC.	31 MARCH 77		MOD COMPLETED.		140-P 18 APRIL 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE: OCT. 19, 1977  
SHEET 9 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
81	ADD CASEWORK TO HOSPITAL CLASS ROOM 9-138.	30 MARCH '77 23 MAY 77 HSPD LETTER		GENERAL PORTION COMPLETE. ELECTRICAL REJECTED & WILL BE BY OTHERS.		159-P 24 JUNE 77
82	UNIT B/C PHASE II INTERFACE MOD. FLOORS 1, 2, 8, 9.		MAY 15, '77	MOD COMPLETED.		154-P 15 JUNE 77
83	ADD STEEL BOWARDS FOR PIPE PROTECTION IN EXIST. MAYO GARAGE.			MOD REJECTED 6/2/77		151-E 20 MAY 77
84	PROVIDE TEMPORARY ELEVATOR NO 1 FOR FUTURE CONSTRUCTION HOLDING FOR FINISHING SHELL SPACE.			MOD COMPLETED.		152-P 13 JUNE 77
85	VARIOUS ELECTRICAL CONTRACT COORDINATION ITEMS.			CONTRACTOR SIGNING	(+1750 <sup>00</sup> )	153-A 24 MAY 77
86	REVISION TO FLOORS 3 and 8 TO ACCOMMODATE CHILDRENS PSYCHIATRY.	29 JUNE '77		ARCH'T EVALUATING 166-P CONTRACTORS SIGNING 167-P		166-P (FL. 8) 167-P (FL. 3) 25 JULY 77
87	REVISE THE FUEL OIL PIPING SYSTEM.			MOD COMPLETED.		157-A 8 JUNE 77
88	PHARMACY AREA FLOOR 2 SECURITY PROVISIONS	13 JUNE '77		GENL. (T & M) ELEC. (T & M)		165-P 18 JULY 1977
89	OMIT VAT & VINYL IN CERTAIN AREAS FOR SUBSTITUTION OF GROUP II CARPET.	20 JUNE 77 HSPD LETTER		MOD COMPLETED.	HOSP. (+2550.00)	163-P 15 JULY 77
90	MISCELLANEOUS GENERAL AND ELECTRICAL REVISIONS TO ACCOMMODATE ELECTRICAL ITEMS (4)			HSPD REVIEWING FOR APPROVAL TO ISSUE.		172-A 8 AUG. 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE OCT. 19, 1977  
SHEET 10 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
91	REVISE STEEL CONNECTION AT 5TH FLOOR LINK TO MAYO TO AVOID CONFLICTS WITH EXISTING ITEMS.			GENERAL CONTRACTOR SIGNING. MECHANICAL CONTRACTOR T&M. ELECTRICAL CONTRACTOR NO CHG.		185-E 18 OCT. 1977
92	FURNISH EAST WALL OF LOCKER RM. 1-354 TO ENCLOSE EXISTING REMAINING ELEC. CONDUIT.			U OF M TO ADVISE ARCHITECT ON ACCEPTABILITY OF PROPOSED SCHEME.		
93	REVISE CEILING SERVICE PANELS RMs. 3-165, 166, 167, & 168 TO ACCOMMODATE INCANDESCENT FIXTURES.			ARCHIT WILL REVIEW RECOMMENDATIONS WITH CONSTRUCTION COORDINATOR.		
94						
95						
96						
97						
98						
99						
100						

# Unit B/C - Progress Meeting Notes

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: 19 October 1977  
SUBJECT: Unit B/C Progress Meeting  
PRESENT: Messrs; Maupin, Kogl, Nelson, Swanson, Patterson, Kujawa, Carlson, Ms. Satorius, Ms. Gensmer.  
NOTE: Next Progress Meeting 2 November 1977 at 10:00 A.M.

<u>ITEM</u>	<u>ACTION/RESPONSE</u>
-------------	------------------------

- |   |   |   |    |                                  |    |  |    |  |   |                                   |    |                           |      |   |    |              |           |
|---|---|---|----|----------------------------------|----|--|----|--|---|-----------------------------------|----|---------------------------|------|---|----|--------------|-----------|
| <p>✓ 1. Project Schedule.</p>                           | <p>Kogl indicated that a partial completion schedule would be prepared for the Photography/TV Studio Area in the Basement.</p>  |   |    |                                  |    |  |    |  |   |                                   |    |                           |      |   |    |              |           |
| <p>2. Status of Proposed Changes and Modifications.</p> | <p>The Monitoring Schedule dated October 19, 1977 was reviewed with the following comments:</p> <p>A. There were two new changes added to the list since October 5, 1977.</p> <p>B. The status of changes are as follows:</p> <table style="margin-left: 40px;"> <tr><td>1. UofM to provide requirements to Architect...</td><td style="text-align: right;">65</td></tr> <tr><td>2. Architect to prepare Mod.....</td><td style="text-align: right;">21</td></tr> <tr><td>3. HSPD reviewing Mod. for approval.....</td><td style="text-align: right;">12</td></tr> <tr><td>4. Contractors costing approved Mod.....</td><td style="text-align: right;">0</td></tr> <tr><td>5. Change completed as a Mod.....</td><td style="text-align: right;">63</td></tr> <tr><td>* 6. Other condition.....</td><td style="text-align: right;">1920</td></tr> <tr><td>7. Architect/University evaluating costs.....</td><td style="text-align: right;">23</td></tr> <tr><td><u>Total</u></td><td style="text-align: right;"><u>93</u></td></tr> </table> <p>* "Other condition" includes thirteen modifications which have been rejected.</p> <p>C. The status of certain changes was reviewed:</p> <p>1. Change 92 (Furr East wall of Locker Room 1-354) - HSPD is reviewing the proposed revision with the User for approval and implementation.</p> | 1. UofM to provide requirements to Architect... | 65 | 2. Architect to prepare Mod..... | 21 | 3. HSPD reviewing Mod. for approval..... | 12 | 4. Contractors costing approved Mod..... | 0 | 5. Change completed as a Mod..... | 63 | * 6. Other condition..... | 1920 | 7. Architect/University evaluating costs..... | 23 | <u>Total</u> | <u>93</u> |
| 1. UofM to provide requirements to Architect...         | 65  |   |    |                                  |    |  |    |  |   |                                   |    |                           |      |   |    |              |           |
| 2. Architect to prepare Mod.....                        | 21  |   |    |                                  |    |  |    |  |   |                                   |    |                           |      |   |    |              |           |
| 3. HSPD reviewing Mod. for approval.....                | 12  |   |    |                                  |    |  |    |  |   |                                   |    |                           |      |   |    |              |           |
| 4. Contractors costing approved Mod.....                | 0   |   |    |                                  |    |  |    |  |   |                                   |    |                           |      |   |    |              |           |
| 5. Change completed as a Mod.....                       | 63  |   |    |                                  |    |  |    |  |   |                                   |    |                           |      |   |    |              |           |
| * 6. Other condition.....                               | 1920  |   |    |                                  |    |  |    |  |   |                                   |    |                           |      |   |    |              |           |
| 7. Architect/University evaluating costs.....           | 23  |   |    |                                  |    |  |    |  |   |                                   |    |                           |      |   |    |              |           |
| <u>Total</u>  | <u>93</u>   |   |    |                                  |    |  |    |  |   |                                   |    |                           |      |   |    |              |           |

ITEMACTION/RESPONSE

2. Continued.
2. Change 93 (Revise ceiling service panels Rooms 3-165, 166, 167 and 168) - The Architects will prepare recommendations for the resolution of this change.
3. Change 15 (Pulmonary Function Lab) - The Architects will provide the additional descriptive information requested by the Hospital relating to this change.
- D. The following modifications were reviewed:
- ✓ 1. 166-P (Childrens Psychiatry, Floor 8) - The General Contractors quotation of (+)\$1115.00, the Mechanical Contractors quotation of (+)\$2628.00, and the Electrical Contractors quotation of (+)\$5407.00 for a total mod. cost of (+)\$9150.00 was reviewed.
- The Architects indicated that the General and the Mechanical Contractors cost seemed to be acceptable however the Electrical Contractors subcontract demolition and refinishing costs appear high.
- Wally Mellum will further review the Electrical costs for acceptability.
2. Preliminary Modification 183-E (Added pipe supports for pumps) is approved to issue for Contractors quotation.
- ✓ 3. Contingency Report. The Funding Summary dated October 19, 1977 indicates a contingency balance of (-)\$19,545.00. Additional proposed changes would further increase this deficit to (-)\$43,703.00.
- ✓ 4. Unit B/C Phase II Work. Maupin indicated that the User Departments are close to an understanding of how the project costs would be shared.
- No further confirmation has been made regarding the bid advertisement date.
- The Construction Coordinator will review the design of the University Construction Office facilities further.
- ✓ 5. Diehl Hall Remodeling. No further change in status.



ITEMACTION/RESPONSE

- ✓ 6. M.T.S. Contract Status. Mod. 150-E (Mechanical Work to accommodate MTS) - is currently being negotiated between the Construction Coordinator and the Mechanical Contractor.
- Modification 1-A and 2-A costs (MTS revised pathway etc.) have been accepted by the Hospital. Further review of these costs however will take place between the Architect and O.W. Hughes.
- ✓ 7. Food Service on Floors 2 and 5. The Food Service Department is proceeding with the layout of the space. The Architects do not have a Proceed Order for the project yet.
- ✓ 8. EKG Rooms 1-214 and 215. Wally Mellum is monitoring the revision to this work which is being performed on a T&M basis.
- ✓ 9. B/C to Mayo 5th Floor Link. The function of this space will be for circulation use only (as a reply to J. Nelsons question).
- ✓ 10. Pulmonary Function Dept. Changes (Change 15). See item 2.C.3 above.
- ✓ 11. Lock Keying Schedule. The schedule is being developed by HSP0. Floors 11, 12 and Basement will be done first. The Hospital is assisting in reviewing during the schedule preparation.
- ✓ 12. Trash Handling. The Architects were asked to redefine for the Owner the original concept of trash handling procedures. Certain features of the system have changed during the progression of construction which HSP0 will assist in identifying. HSP0 will analyze the submitted information for adequacy and further direction to the Architect,
- ✓ 13. Fire Management System. The Fire Safety Committee is in the process of preparing the message information for use in the system. A meeting will be arranged with Honeywell/Premier Electric to review the operation and limitations of the system.
14. Floor Six Storage for Family Practice. This Modification (83-P) was rejected on 29 April 1977 however the Mechanical Contractor was previously given approval to purchase certain of these items. The Construction Coordinator will negotiate the applicable amount concerning this change.

**ITEM****ACTION/RESPONSE**

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15. Floor 2, Mayo Radiology Penetrations.

The Construction Coordinator indicated the Contractor will remove the existing wall penetration without the use of jackhammers for an additional cost of \$1500.00. The Hospital will review this proposal for acceptability.

16. Clinic Reception Areas.

The Hospital desires certain revisions to the Reception Areas for access to communications equipment. Further review and direction will come from the Hospital regarding the proposed changes.

cc: Meeting Attendees  
Clinton Hewitt  
Duane Blanchard  
Robert Dickler

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE Nov. 2, 1977  
SHEET 1 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
1	ADDITIONAL CASEWORK IN AUDIOLOGY CLINIC - ROOM 8-157	23 JUN 76	1 FEB 77	MOD. COMPLETED.	HOSP. \$2,200	.95-P 11 FEB 77
2	SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1.	26 MAY 76	1 JUL 77	MOD. COMPLETED	HOSP. \$2,500	160-P 8 JULY 77
3	ENT. CLINIC AREA REDESIGN ON FLOOR 8.	22 DEC 76	1 FEB 77	MOD. COMPLETED.	HOSP. (MAXIMUM) \$15,000	96-P 1 FEB 77
4	ADD CONTROL DOORS IN TUNNEL CORR. TO RADIOLOGY ON FLOOR 2.	17 NOV. 76	1 JUL 77	MOD. COMPLETED.	HOSP. \$1,500	164-P 19 JULY 1977
5	GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.R. - FLOOR 2.	17 NOV. 76	1 MAR 77	MOD. COMPLETED.	HOSP. \$6,000	111-P 28 FEB 77
6	DELETE S.N.R. IN CERTAIN CLINIC TOILET ROOMS.	17 JUL. 76	15 DEC 77	MOD. COMPLETED	CONT. CREDIT	77-P 15 DEC 77
7	REVISED DESIGN FOR FLOORS 3 & 4. GUARDRAIL PROVISION.	13 OCT 76	1 MAY 77	MOD REJECTED 7/7/77.	HOSP. \$7,500	147-P 25 MAY 77
8	LIGHTING CHANGES IN CLINICS.	19 JAN 77	15 FEB 77	MOD. COMPLETED.	HOSP.	102-P 16 FEB 77
9	ADDITION OF INTRUSION DETECTION SECURITY SYSTEM. DOOR PROVISIONS ONLY	20 DEC 76	22 FEB 77	MOD REJECTED 11 MAY 1977 FL. 9 TO BE T&M	HOSP.	121-P 4 MARCH 77
10	LEAD SHIELDING FOR DOOR NO. 1-240.	11 AUG 76	15 DEC 76	MOD. COMPLETED	HOSP. \$1,226	78-P 15 DEC 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 2, 1977  
SHEET 2 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
11	PLAZA WATERPROOFING DESIGN CHANGE.	18 AUG 76	1 MAR 77	CONST. COORDINATOR NEGOTIATING CONTRS. PROPOSED CREDIT (-) 33,574.00	CONT. CREDIT \$40,000	123-E 7 MARCH 77
12	LEAD SHIELDING IN FLOOR OF ROOM 3-141.	29 SEP 76	1 JUL 77	MOD COMPLETED.	HOSP. \$3,000	162-P 8 JULY 1977
13	ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76.	31 AUG 76	1 JAN 77	80 - CONTRACTOR COSTING 81 & 85 - MOD COMPLETED 86, 87, 88 - TIME AND MATLS. 84 & 89 - REJECTED.	HOSP \$7,600	80, 81, 84, 85, 86, 87, 88, 89 1 JAN 77
14	DELETE CASEWORK AND SPECIAL FINISHES IN UROLOGY ROOMS.	1 OCT 76	1 JAN 77	MOD. COMPLETED.	HOSP. CREDIT \$4,000	82-P 28 DEC 76
15	ADD A PULMONARY FUNCTION LAB ON FLOOR 4.	12 SEPT. 77	—	ARCHITECT PROVIDED ESTIMATED COST. INCLUDE WORK IN LATER PHASE.	HOSP. \$17,640.00	OMIT
16	ADD ROOM TO FAMILY PRACTICE ON FLOOR 6.	5 NOV 76	1 JAN 77	MOD REJECTED 29 APRIL 1977	USER \$5,000	83-P 28 DEC 76
17	REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK.	28 OCT 76	1 JUL 77	MOD COMPLETED.	CONT. \$550	170-E 26 JULY 77
18	ROOF DESIGN CHANGE BY UOFM FOR COST SAVINGS.	17 NOV 76	1 MAR 77	MOD COMPLETED.	CONT. CREDIT (-) 35,000.00	124-E 7 MARCH, 1977
19	MISCELLANEOUS TELEPHONE CHANGES.	18 AUG 76	1 JAN 77	MOD COMPLETED.	CONT.	90-P 7 JAN 77
20	OMIT RADIOLOGY CASH ALLOWANCE.	14 OCT 76	4 MAR 77	MOD. COMPLETED. TOTAL (-) 45,000.00	HOSP. CREDIT	116-P 3 MARCH 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE: NOV. 2, 1977  
SHEET 3 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
21	FLOOR 2 ADMISSIONS AREA CHANGE PER PHASE II PLANS.	19 JAN 77	4 MAR 77	MOD COMPLETED.	HOSP.	120-P 25 MARCH 1977
22	MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS.	16 JUN 76	15 MAR 77	MOD COMPLETED.	CONT. \$15,000	125-P 16 MARCH 1977
23	INCREASE CEILING HT. IN ROOMS 1-380 & 381 TO 8'-0".	17 NOV 76	1 JUN 77	MOD COMPLETED.	CONT. \$400	156-P 21 JUNE 1977
24	ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W, REVISE EXISTING PIPING & DVCTS.	26 MAY 76	1 APR 77	GENERAL MOD DIVISION COMPLETE. (+) 641.00 MECHANICAL ON TIME & MATERIALS BASIS.	CONT. \$2,500	128-A 29 MARCH 1977
25	REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK.	FIELD	15 JAN 77	MOD. COMPLETED.	CONT. MINIMUM	91-E 17 JAN 77
26	FILM ILLUMINATOR CHANGE.	17 NOV. 76	1 MAR 77	NO CHANGE IS REQ'D		OMIT
27	REVISE TEMP. CONTROLS FOR CHILLER PUMPS IN UNIT A.	17 AUG 76	1 JAN 77	MOD. COMPLETED	CONT. CREDIT \$10,000	79-E 15 DEC 76
28	OMIT ALL FIELD PAINTING OF STRUCTURAL STEEL.	20 MAY 76	1 MAR 77	MOD. COMPLETED.	CONT. CREDIT \$5,700	115-E 1 MAR 77
29	WEST PLAZA DRAINAGE SYSTEM PROVISIONS	17 NOV. 76	1 MAR 77	MOD COMPLETED.	CONT.	114-E 28 FEB 77
30	OMIT STAINLESS STEEL FLASHING RELATED TO PLAZA CONSTRUCTION.	17 NOV. 76	1 MAR. 77	MOD. COMPLETED.	CONT. CREDIT \$10,400	118-E 1 MAR 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 2, 1977  
SHEET 4 OF 10

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 A 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. +\$14,299.00	
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	MOD. COMPLETED	HOSP. \$ 900	112-P 28 FEB 77
36	CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11.	15 NOV. 76	1 FEB 77	MOD. COMPLETED.	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	MOD. COMPLETED.	HOSP.	97-P 1 FEB 77
38	PROVIDE RADIATION SUPPORTS IN SHELL SPACE	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$ 28,068	93-E 21 JAN 77
39	CHANGE DOORS AT ELECTRICAL VAULT ROOMS; B, 10, 15.	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$ 1,752	92-E 21 JAN 77
40	OMIT RESILIENT SUSPENSION SYSTEM IN CERTAIN AREAS	2 FEB 77	15 FEB 77	MOD. COMPLETED	CONT. CREDIT \$ 650	100-E 4 FEB 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 2, 1977  
SHEET 5 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
41	ELECTRICAL CONTRACTOR INSTALLED UOFM SUPPLIED LIGHT FIXTURES.	FIELD 3 NOV 76	_____	MOD COMPLETED.	CONT. \$ 168	170-E 26 JULY '77
42	GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS.	FIELD 5 JAN 77	_____	NO MOD REQUIRED (SEPARATE W. PURCHASE ORDER)	UNIT A CONTRACTOR \$10,118	OMIT
43	MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES.	14 DEC 76	15 FEB 77	MOD COMPLETED.	CONT. CREDIT	104-P 14 FEB 77
44	ADD TWO PLASTIC LAMINATE FIRE HOSE CABINETS LOCATED AT B-91 AND 10-101.	19 JAN 77	15 FEB 77	MOD COMPLETED.	CONT.	99-A 2 FEB 77
45	OTONEUROLOGY PROCEDURES SUITE ADDITION FLOOR 8.	19 JAN 77	22 FEB 77	MODIFICATION REJECTED.	HOSP. \$68,270	110-P (OMIT) 24 FEB 77
46	UNIT B/C PHASE II INTERFACE MODIFICATION FLOORS 1 AND 2	28 JAN 77.	15 FEB 77	MOD COMPLETED	HOSP.	98-P 2 FEB 77
47	ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7.	2 FEB 77	1 MAR 77	MOD REJECTED 6/22/77.	CONT/USER	105-P 16 FEB 77
48	MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	108-E 21 FEB 77
49	OMIT AUTOMATIC AIR VENTS ON HYDRONIC SUPPLY AND RETURN RISERS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	107-E 21 FEB 77
50	CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTOSCOPE/OPHTHALMOSCOPE	2 FEB 77	1 APR 77	ARCHT. REVISION BY 15 MARCH 77 LETTER. NO MOD REQUIRED.	HOSP.	OMIT

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 2, 1977  
SHEET 6 OF 10

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	1 APR 77	MOD COMPLETED.		131-P 1 APRIL 77
52	FLOOR 2 OBERVATION WINDOW ADDITION.	2 FEB 77	1 APR 77	MOD COMPLETED		132-P 1 APRIL 77
53	FLOOR 8 E.N.T. CLINIC CHANGES INCLUDING THE ADDITION OF A FOLDING PARTITION	2 FEB 77	15 APR 77	MOD REJECTED 6/10/77		138-P 29 APRIL 77
54	REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS: BSM'T & FLOORS 10 & 15.	2 FEB 77		MOD COMPLETED		106-A 8 MAR. 77
55	REVISE PLAS. LAM. LOCKERS IN ROOMS 1-284 & 286 BY ADDING PADLOCK HASPS.	————	15 FEB 77	MOD COMPLETED.		103-P 14 FEB 77
56	OMIT CONCEALED SOAP DISPENSERS ON FIXTURES F-3B & F3-D ON EXAM ROOM LAVATORY SINKS.	10 FEB 77	15 FEB 77	MOD COMPLETED.		101-P 14 FEB 77
57	MODIFY CORE 26 ON FLOOR 9 TO ALLOW INSTALLATION OF ELECTRICAL PANELS.	17 FEB 77		MODIFICATION REJECTED.		113-E (OMIT) 28 FEB 77
58	MODIFY CONTROL ROOMS OF RADIOLOGY ROOMS; 1-232, 235, 240 AND 242.	18 FEB 77	7 MAR 77	MOD COMPLETED.		122-P 23 MARCH 77
59	OMIT MACHINE ROOM SLAB ABOVE FUTURE ELEVATOR NO. 1.	16 FEB 77	7 MAR 77	MOD 119-E REJECTED. (MECHANICAL WORK IN MOD. 135-A) (MOD. 125-A REJECTED)	————	OMIT
60	FIELD ORDER TO STOP INSTALL. OF PRECAST CONC. BENCHES IN WEST AREA			O. HUGHES TO ADVISE ARCH'T OF CHANGES DESIRED		



# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 2, 1977  
SHEET 7 OF 10

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	ADD ELEC. DISCONNECT SWITCH TO ELEV. CONTROLLERS FOR ELEV. 4, 5 & 6 PER LETTER BY STATE.	20 JAN 77	1 APR 77	MOD REJECTED 6/30/77		130-A 1 APRIL 77
62	ADJUST CASH ALLOWANCE FOR AUD. SEATING TO BID AMOUNT.	2 FEB 77	4 MAR 77	MOD. COMPLETED	CONT. CREDIT \$ 2,900	117-P 8 MARCH 77
63	OMIT AIR COMPRESSOR FOR AUTOMATIC DOORS 1-61 & 296.	20 JAN 77	15 MAY 77	MOD COMPLETED.	CREDIT \$ 7,6500	148-A MAY 6 1977
64	CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. (ELECTRICAL WORK)			MOD REJECTED 6/30/77		141-P 28 APRIL 77
65	OMIT AIR BLENDERS FOR 100% OUTSIDE AIR UNITS S-1C AND S-18C.			MOD COMPLETED.	CREDIT	109-A 21 FEB 77
66	ALLOW MASON INDUSTRIES TYPE FSN FLOATING FLOOR SYSTEM IN AIR CHAMBERS	2 FEB 77	15 APR 77	MOD. COMPLETED.	CREDIT \$ 1,200	137-A 19 APRIL 77
67	ADD CEILING ACCESS PANELS PER FIELD DIRECTION.	4 JAN 77	FIELD	UOFM TO ADVISE ARCH'T OF QUANTITY AND COST.		
68	REVISE FOUR METAL SERVICE PANELS IN ROOM 9-155 TO ACCOMMODATE FOUR C-2 FIXTURES.	31 AUG 76	---	NO MOD. REQUIRED		OMIT
69	CHANGE SERVICE SINK PROVISION IN ROOM 1-78- TRASH/JANITOR.	30 MARCH 77	15 APRIL 77	MOD COMPLETED.		139-A 20 APRIL 77
70	UNIT B/C PHASE II INTERFACE MOD. FLOOR 9	28 JAN 77	21 MAR 77	MOD COMPLETED.		129-P 12 APRIL 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 2, 1977  
SHEET 8 OF 10

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	PROVIDE MIRRORS & COAT HOOKS IN AMBULATORY SURGERY ROOMS 1-301, 302, 303	31 AUG 76	1 APR 77	MOD COMPLETED		133-P 5 APRIL 77
72	PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370	—	1 APR. 77	MOD COMPLETED		127-A 18 MARCH 1977
73	REVISE DELAWARE STREET GRATINGS FOR DRAINS ON GRIDS E5 AND E15.	24 FEB 77	1 APR 77	MOD. COMPLETED.	CONT. \$ 946	134-E 5 APRIL 77
74	ADD ACOUSTIC INSULATION TO FLOOR 15 AIR CHAMBERS	1 MAR 77	1 MAY 77	MOD COST/CREDIT UNDER NEGOTIATION W/ CONTR.		
75	PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE MGMT. CONTROL ROOM.		1 APR. 77	MOD COMPLETED		126-E 18 MARCH 1977
76	REVERSE SWING OF DOORS 2-52 SECOND FLOOR WEST FROM MAYO TO PEDISTRIAN LINK FOR EXIT PURPOSE	16 MARCH 77	1 JUL. 77	MOD COMPLETED.		164-P 19 JULY 1977
77	ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121.	30 MARCH 77		MOD COMPLETED.	\$ 1300.00	149-P 9 MAY 1977
78	AMP. AND SEATING CHANGES TO ROOM 2-104 CHEMICAL AUDITORIUM.	5 APRIL 1977	15 APRIL 77	MOD. COMPLETED (ELEC. ON T&M BASIS)		136-A 12 APRIL 1977
79	ADD PROVISIONS FOR RELAY ROOM 2-94.	30 MARCH 1977	1 MAY 77	MOD COMPLETED.		144-P 2 MAY 77
80	ADD OBSERVATION WINDOW BTWN. EXAM ROOMS 4TH FLOOR PEDIATRICS CLINIC.	31 MARCH 77		MOD COMPLETED.		140-P 18 APRIL 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV 2 1977  
SHEET 9 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
81	ADD CASEWORK TO HOSPITAL CLASS ROOM 9-138.	30 MARCH '77 23 MAY '77 HSPD LETTER		GENERAL PORTION COMPLETE. ELECTRICAL REJECTED & WILL BE BY OTHERS.		159-P 24 JUNE 77
82	UNIT B/C PHASE II INTERFACE MOD. FLOORS 1, 2, 8, 9.		MAY 15, '77	MOD COMPLETED.		154-P 15 JUNE 77
83	ADD STEEL BOLLARDS FOR PIPE PROTECTION IN EXIST. MAYO GARAGE.			MOD REJECTED 6/21/77		151-E 20 MAY 77
84	PROVIDE TEMPORARY ELEVATOR NO 1 FOR FUTURE CONSTRUCTION HOISTING FOR FINISHING SHELL SPACE.			MOD COMPLETED.		152-P 13 JUNE 77
85	VARIOUS ELECTRICAL CONTRACT COORDINATION ITEMS.			MOD COMPLETED.	(+) 1750 <sup>00</sup>	153-A 24 MAY 77
86	REVISION TO FLOORS 3 and 8 TO ACCOMMODATE CHILDRENS PSYCHIATRY.	29 JUNE '77		HOSP. EVALUATING 166-P 167-P COMPLETED.		166-P (Fl. 8) 167-P (Fl. 3) 25 JULY 77
87	REVISE THE FUEL OIL PIPING SYSTEM.			MOD COMPLETED.		157-A 8 JUNE 77
88	PHARMACY AREA FLOOR 2 SECURITY PROVISIONS	13 JUNE '77		GENL. (T & M) ELEC. (T & M)		165-P 18 JULY 1977
89	OMIT VAT & VINYL IN CERTAIN AREAS FOR SUBSTITUTION OF GROUP # CARPET.	20 JUNE 77 HSPD LETTER		MOD COMPLETED.	HOSP. (-) 2550.00	163-P 15 JULY 77
90	MISCELLANEOUS GENERAL AND ELECTRICAL REVISIONS TO ACCOMMODATE ELECTRICAL ITEMS (4)			HSPD REVIEWING FOR APPROVAL TO ISSUE.		172-A 8 AUG. 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 2, 1977  
SHEET 10 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
91	REVISE STEEL CONNECTION AT 5TH FLOOR LINK TO MAYO TO AVOID CONFLICTS WITH EXISTING ITEMS.			GENERAL MOD COMPLETE, MECHANICAL CONTRACTOR T&M, ELECTRICAL CONTRACTOR NO CHG.		185-E 18 OCT. 1977
92	FOUR EAST WALL OF LOCKER RM. 1-354 TO ENCLOSE EXISTING REMAINING ELEC. CONDUIT.			HSPD TO ADVISE ARCHITECT ON ACCEPTABILITY OF PROPOSED SCHEME.		
93	REVISE CEILING SERVICE PANELS RMS. 3-165, 166, 167, & 168 TO ACCOMMODATE INCANDESCENT FIXTURES.			GENERAL WORK PROCEEDING ON T&M BASIS.		186-A 21 OCT. 1977
94	REVISE THE CLINIC RECEPTION AREA COUNTERS.			ARCH'T TO PREPARE MOD.		
95						
96						
97						
98						
99						
100						

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: 2 November 1977  
SUBJECT: Unit B/C Progress Meeting  
PRESENT: Messrs; Maupin, Kogl, Nelson, Swanson, Dickler,  
Kujawa, Carlson, Ms. Gensmer.  
NOTE: Next Progress Meeting 16 November 1977 at 10:00 A.M.

ITEM ACTION/RESPONSE

1. Project Schedule.

O.W. Hughes has submitted to HSPO a projection of expected University acceptance dates for the various floors. The dates indicated assume that the University would have "full control" of the area with a minimum amount of unfinished contractor's work. Certain mechanical and electrical systems, however, may not be operational on these dates:

12th floor	November 18, 1977
11th floor	November 18, 1977
9th floor	November 30, 1977
8th floor	December 9, 1977
7th floor	October 10, 1977
6th floor	December 16, 1977
5th floor	December 1, 1977
4th floor	December 16, 1977
3rd floor	January 27, 1978
2nd floor	January 16, 1978
1st floor	January 9, 1978
Basement	December 16, 1977

The Contractor has indicated no change in completion of the South Plaza Area from the original date (first week in November) even though this area is still incomplete.

ITEM

ACTION/RESPONSE

The University intends to occupy floors 11 and 12 about January 1, 1978. These floors must be fully "punched-out" before acceptance for further University work before occupancy.

2. Status of Proposed Changes and Modifications.

The Monitoring Schedule dated November 2, 1977 was reviewed with the following comments:

A. There was one new change added to the list since October 19, 1977.

B. The status of changes are as follows:

1. U of M to provide requirements to Architect .....	5
2. Architect to prepare Mod .....	1
3. HSPD reviewing Mod. for approval..	2
4. Contractors costing approved Mod.	0
5. Change completed as a Mod .....	63
*6. Other condition.....	20
7. Architect/University evaluating costs.....	3
<u>Total</u>	<u>94</u>

\*"Other condition" includes thirteen modifications which have been rejected.

C. The status of certain changes was reviewed:

1. Change 92 (Furr East wall of Locker Room 1-354) - HSPD is reviewing this proposed revision with the User.
2. Change 93 (Revise ceiling service panels Rooms 3-165, 166, 167 and 168)- this change has been incorporated into preliminary mod. 186-A and submitted to HSPD/Construction Coordinator for review. The work is proceeding on a T&M basis.
3. Change 15 (Pulmonary Function Lab)- The Architects have relayed the requested additional information to the Hospital. The Architects indicated approximately \$600.00 has been logged in the preparation of the cost estimate (which is now complete).

ITEM

ACTION/RESPONSE

D. The following modifications were reviewed:

1. 166-P (Childrens Psychiatry, Floor 8)-- HSP0 previously informed the Architects that the Hospital had approved the quoted costs for this mod.
2. The General Contractor has requested that a mod be prepared to include \$474.00 added cost for revision of hollow metal transformer vault doors. The Architects have reviewed the cost breakdown for this change and approval was given for further processing of the mod.
3. HSP0 requested that a mod be prepared to raise the desk shelves in all exam rooms from 36" to 48". Approximately 90 of the 180 shelves have already been raised to 48" in accordance with field direction. The Contractor has tentatively indicated a cost of approximately \$66.00 per shelf.

✓3. Contingency Report.

No changes have occurred since the last meeting which was reported as follows:

The Funding Summary dated October 19, 1977 indicates a contingency balance of (-) \$19,545.00. Additional proposed changes would further increase this deficit to (-) \$43,703.00.

✓4. Unit B/C Phase II Work.

The Architects have suggested a thirty-three day bid period for the project. Assuming the advertisement date will be Thursday, November 3rd, the bid date and time suggested was Tuesday, December 13, 1977, 2:00 P.M. CST.

✓5. Diehl Hall Remodeling.

The University master-planning sub-committee will meet tomorrow to review the size of the project and the funding available.

✓6. M.T.S. Contract Status

The Architects and O.W. Hughes have reviewed and approved a reduction in cost for MTS Mod 2-A of \$3667.63 (from \$19,899.32 to \$16,231.69).

ITEM	ACTION/RESPONSE
✓7. Food Service on Floors 2 and 5.	Maupin indicated that the Contract was in the final processing stage.
✓8. Lock Keying Schedule.	HSPO is proceeding with the development of the schedule.
✓9. Trash Handling.	<p>Maupin indicated that an independent consultant would be hired by the University to study the current program. The Architects will assist in redefining the original concept. The University has indicated the possible need for another loading dock since it is apparent that trash volumes have changed.</p> <p>Kogl indicated that Scheffler had closed the K/E Tunnel Link to B/C due to the incomplete nature of construction. These spaces, however, will be operational again in about a month.</p>
✓10. Fire Management System.	<p>The list of messages for incorporation into the system has been prepared by the Fire Safety Committee.</p> <p>* <u>HSPO</u> will arrange a meeting with the Contractor and the Committee to review the operation and limitations of the system.</p>
✓11. Floor 2, Mayo Radiology Penetrations.	The demolition work has been accomplished without the use of jackhammers. The Hospital will pay the additional cost as a result of this operation.
✓12. Clinic Reception Areas.	<p>The proposed revisions include:</p> <ol style="list-style-type: none"> <li data-bbox="839 1374 1430 1438">a. Reducing the countertop depth at certain reception stations.</li> <li data-bbox="839 1470 1493 1534">b. Revision of the tackboard panels for access to communications equipment.</li> <li data-bbox="839 1566 1463 1630">c. Addition of hardware for operation of the countertop lift-up gates.</li> </ol> <p>The Architects expressed a concern about the quality of workmanship for these revisions being accomplished in the field. Furthermore, it was stated that the cost of these revisions may be high.</p>



ITEMACTION/RESPONSE

13. Phase I and Phase II  
Interface.

The Hospital will pursue the changes further with Wally Petrykowski and the Architects will proceed with the mod. preparation.

Dickler expressed concern about the University moving operation into the finished Phase I space, which is targeted for approximately 1 March 1978 for certain areas. Phase I may not be fully operational due to the Phase II space adjacent being incomplete. The Architects (TAC) must provide a Phase II construction and leasing schedule. HSPQ will arrange a meeting with the appropriate parties to discuss the Phase I and II schedules.

cc: Meeting Attendees  
Clinton Hewitt  
Duane Blanchard  
John Patterson

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 16, 1977  
SHEET 1 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
1	ADDITIONAL CASEWORK IN AUDIOLOGY CLINIC - ROOM 8-157	23 JUN 76	1 FEB 77	MOD. COMPLETED.	HOSP. \$2,200	.95-P 11 FEB 77
2	SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1.	26 MAY 76	1 JUL 77	MOD COMPLETED	HOSP. \$2,500	160-P 8 JULY 77
3	ENT. CLINIC AREA REDESIGN ON FLOOR 8.	22 DEC 76	1 FEB 77	MOD. COMPLETED.	HOSP. (MAXIMUM) \$15,000	96-P 1 FEB 77
4	ADD CONTROL DOORS IN TUNNEL CORR. TO RADIOLOGY ON FLOOR 2.	17 NOV. 76	1 JUL 77	MOD COMPLETED.	HOSP. \$1,500	164-P 19 JULY 1977
5	GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.R. - FLOOR 2.	17 NOV. 76	1 MAR 77	MOD. COMPLETED.	HOSP. \$6,000	111-P 28 FEB 77
6	DELETE S.N.R. IN CERTAIN CLINIC TOILET ROOMS.	17 JUL. 76	15 DEC 77	MOD. COMPLETED	CONT. CREDIT	77-P 15 DEC 77
7	REVISED DESIGN FOR FLOORS 3 & 4. GUARDRAIL PROVISION.	13 OCT 76	1 MAY 77	MOD REJECTED 7/7/77.	HOSP. \$7,500	147-P 25 MAY 77
8	LIGHTING CHANGES IN CLINICS.	19 JAN 77	15 FEB 77	MOD COMPLETED.	HOSP.	102-P 16 FEB 77
9	ADDITION OF INTRUSION DETECTION SECURITY SYSTEM. DOOR PROVISIONS ONLY.	20 DEC 76	22 FEB 77	MOD REJECTED 11 MAY 1977 FL. 9 TO BE T&M	HOSP.	121-P 4 MAR 77
10	LEAD SHIELDING FOR DOOR NO. 1-240.	11 AUG 76	15 DEC 76	MOD. COMPLETED	HOSP. \$1,226	78-P 15 DEC 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 16, 1977  
SHEET 2 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
11	PLAZA WATERPROOFING DESIGN CHANGE.	18 AUG 76	1 MAR 77	CONST. COORDINATOR NEGOTIATING CONTRS. PROPOSED CREDIT (-) 33,574.00	CONT. CREDIT \$40,000	123-E 7 MARCH 77
12	LEAD SHIELDING IN FLOOR OF ROOM 3-141.	29 SEP 76	1 JUL 77	MOD COMPLETED.	HOSP. \$3,000	162-P 8 JULY 1977
13	ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76.	31 AUG 76	1 JAN 77	80 - CONTRACTOR COSTING 81 & 85 - MOD COMPLETED. 86, 87, 88 - TIME AND MATLS. 84 & 89 - REJECTED.	HOSP \$7,600	80, 81, 84, 85, 86, 87, 88, 89 1 JAN 77
14	DELETE CASEWORK AND SPECIAL FINISHES IN UROLOGY ROOMS.	1 OCT. 76	1 JAN 77	M&D. COMPLETED.	HOSP. CREDIT \$4,000	82-P 28 DEC 76
15	ADD A PULMONARY FUNCTION LAB ON FLOOR 4.	12 SEPT. 77	—	ARCHITECT PROVIDED ESTIMATED COST. INCLUDE WORK IN LATER PHASE.	HOSP. \$17,640.00	OMIT
16	ADD ROOM TO FAMILY PRACTICE ON FLOOR 6.	5 NOV 76	1 JAN 77	MOD REJECTED 29 APRIL 1977	USER \$5,000	83-P 28 DEC 76
17	REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK.	28 OCT. 76	1 JUL 77	MOD COMPLETED.	CONT. \$550	170-E 26 JULY 77
18	ROOF DESIGN CHANGE BY UoFM FOR COST SAVINGS.	17 NOV 76	1 MAR 77	MOD COMPLETED.	CONT. CREDIT (-) 35,000.00	124-E 7 MARCH 1977
19	MISCELLANEOUS TELEPHONE CHANGES.	18 AUG 76	1 JAN 77	MOD COMPLETED.	CONT.	90-P 7 JAN 77
20	OMIT RADIOLOGY CASH ALLOWANCE.	14 OCT 76	4 MAR 77	MOD. COMPLETED. TOTAL (-) 45,000.00	HOSP. CREDIT	116-P 3 MARCH 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 16, 1977  
SHEET 3 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
21	FLOOR 2 ADMISSIONS AREA CHANGE PER PHASE II PLANS,	19 JAN 77	4 MAR 77	MOD COMPLETED.	HOSP.	.120-P 25 MARCH 1977
22	MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS.	16 JUN 76	15 MAR 77	MOD COMPLETED.	CONT. \$15,000	125-P 16 MARCH 1977
23	INCREASE CEILING HT. IN ROOMS 1-380 & 381 TO 8'-0".	17 NOV 76	1 JUN 77	MOD COMPLETED.	CONT. \$400	156-P 21 JUNE 1977
24	ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W; REVISE EXISTING PIPING & DVCTS.	26 MAY 76	1 APR 77	GENERAL MOD DIVISION COMPLETE. (+) 641.00 MECHANICAL ON TIME & MATERIALS BASIC.	CONT. \$2,500	128-A 29 MARCH 1977
25	REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK.	FIELD	15 JAN 77	MOD. COMPLETED.	CONT. MINIMUM	91-E 17 JAN 77
26	FILM ILLUMINATOR CHANGE.	17 NOV 76	1 MAR 77	NO CHANGE IS REQ'D		OMIT
27	REVISE TEMP. CONTROLS FOR CHILLER PUMPS IN UNIT A.	17 AUG 76	1 JAN 77	MOD. COMPLETED	CONT. CREDIT \$10,000	79-E 15 DEC 76
28	OMIT ALL FIELD PAINTING OF STRUCTURAL STEEL.	20 MAY 76	1 MAR 77	MOD. COMPLETED.	CONT. CREDIT \$5,700	115-E 1 MAR 77
29	WEST PLAZA DRAINAGE SYSTEM PROVISIONS	17 NOV 76	1 MAR 77	MOD COMPLETED.	CONT.	114-E 28 FEB 77
30	OMIT STAINLESS STEEL FLASHING RELATED TO PLAZA CONSTRUCTION.	17 NOV 76	1 MAR 77	MOD. COMPLETED.	CONT. CREDIT \$10,400	118-E 1 MAR 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 16, 1977  
SHEET 4 OF 10

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 A 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. \$14,299.00	
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	MOD. COMPLETED	HOSP. \$ 900	112-P 28 FEB 77
36	CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11.	15 NOV. 76	1 FEB 77	MOD. COMPLETED.	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	MOD. COMPLETED.	HOSP.	97-P 1 FEB 77
38	PROVIDE RADIATION SUPPORTS IN SHELL SPACE	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$ 28,068	93-E 21 JAN 77
39	CHANGE DOORS AT ELECTRICAL VAULT ROOMS; B, 10, 15.	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$ 1,752	92-E 21 JAN 77
40	OMIT RESILIENT SUSPENSION SYSTEM IN CERTAIN AREAS	2 FEB 77	15 FEB 77	MOD. COMPLETED	CONT. CREDIT \$ 650	100-E 4 FEB 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 16, 1977  
SHEET 5 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
41	ELECTRICAL CONTRACTOR INSTALLED UOFM SUPPLIED LIGHT FIXTURES.	FIELD 3 NOV 76	_____	MOD COMPLETED.	CONT, \$ 168	170-E 26 JULY '77
42	GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS.	FIELD 5 JAN 77	_____	NO MOD REQUIRED (SEPERATE U. PURCHASE ORDER)	UNIT A CONTRACTOR \$10,118	OMIT
43	MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES.	14 DEC 76	15 FEB 77	MOD COMPLETED.	CONT. CREDIT	104-P 14 FEB 77
44	ADD TWO PLASTIC LAMINATE FIRE HOSE CABINETS LOCATED AT B-91 AND 10-101.	19 JAN 77	15 FEB 77	MOD COMPLETED.	CONT.	99-A 2 FEB 77
45	OTONEUROLOGY PROCEDURES SUITE ADDITION FLOOR 8.	19 JAN 77	22 FEB 77	MODIFICATION REJECTED.	HOSP. \$68,270	110-P (OMIT) 24 FEB 77
46	UNIT B/C PHASE II INTERFACE MODIFICATION FLOORS 1 AND 2	28 JAN 77	15 FEB 77	MOD COMPLETED	HOSP.	98-P 2 FEB 77
47	ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7.	2 FEB 77	1 MAR 77	MOD REJECTED <i>draft</i> .	CONT/USER	105-P 16 FEB 77
48	MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	108-E 21 FEB 77
49	OMIT AUTOMATIC AIR VENTS ON HYDRONIC SUPPLY AND RETURN RISERS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	107-E 21 FEB 77
50	CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTOSCOPE / OPHTHALMOSCOPE	2 FEB 77	1 APR 77	ARCHT. REVISION BY 15 MARCH 77 LETTER. NO MOD REQUIRED.	HOSP.	OMIT

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 16 1977  
SHEET 6 OF 10

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	1 APR 77	MOD COMPLETED.		131-P 1 APRIL 77
52	FLOOR 2 OBERVATION WINDOW ADDITION.	2 FEB 77	1 APR 77	MOD COMPLETED		132-P 1 APRIL 77
53	FLOOR 8 E.N.T. CLINIC CHANGES INCLUDING THE ADDITION OF A FOLDING PARTITION	2 FEB 77	15 APR 77	MOD REJECTED 6/10/77		138-P 29 APRIL 77
54	REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS: BSM'T & FLOORS 10 & 15.	2 FEB 77		MOD COMPLETED		106-A 8 MAR. 77
55	REVISE PLAS. LAM. LOCKERS IN ROOMS 1-284 & 286 BY ADDING PADLOCK HASPS.	—	15 FEB 77	MOD COMPLETED.		103-P 14 FEB 77
56	OMIT CONCEALED SOAP DISPENSERS ON FIXTURES F-3B & F3-D ON EXAM ROOM LAVATORY SINKS.	10 FEB 77	15 FEB 77	MOD COMPLETED.		101-P 14 FEB 77
57	MODIFY CORE 26 ON FLOOR 9 TO ALLOW INSTALLATION OF ELECTRICAL PANELS.	17 FEB 77		MODIFICATION REJECTED.		113-E (OMIT) 28 FEB 77
58	MODIFY CONTROL ROOMS OF RADIOLOGY ROOMS; 1-232, 235, 240 AND 242.	18 FEB 77	7 MAR 77	MOD COMPLETED.		122-P 23 MARCH 77
59	OMIT MACHINE ROOM SLAB ABOVE FUTURE ELEVATOR NO. 1.	16 FEB 77	7 MAR 77	MOD 119-E REJECTED. (MECHANICAL WORK IN MOD. 135-A) (MOD. 135-A REJECTED)	—	OMIT
60	FIELD ORDER TO STOP INSTALL. OF PRECAST CONC. BENCHES IN WEST AREA			O. HUGHES TO ADVISE ARCH'T OF CHANGES DESIRED		

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 16 1977  
SHEET 7 OF 10

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	ADD ELEC. DISCONNECT SWITCH TO ELEV. CONTROLLERS FOR ELEV. 4, 5 & 6 PER LETTER BY STATE.	20 JAN 77	1 APR 77	MOD REJECTED 6/30/77		130-A 1 APRIL 77
62	ADJUST CASH ALLOWANCE FOR AUD. SEATING TO BID AMOUNT.	2 FEB 77	4 MAR 77	MOD. COMPLETED	CONT. CREDIT \$ 2,900	117-P 8 MARCH 77
63	OMIT AIR COMPRESSOR FOR AUTOMATIC DOORS 1-61 & 296.	20 JAN 77	15 MAY 77	MOD COMPLETED.	CREDIT \$ 76500	148-A MAY 6 1977
64	CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. (ELECTRICAL WORK)			MOD REJECTED 6/30/77		141-P 28 APRIL 77
65	OMIT AIR BLENDERS FOR 100% OUTSIDE AIR UNITS S-1C AND S-1B.			MOD COMPLETED.	CREDIT	109-A 21 FEB 77
66	ALLOW MASON INDUSTRIES TYPE ESN FLOATING FLOOR SYSTEM IN AIR CHAMBERS	2 FEB 77	15 APR 77	MOD. COMPLETED.	CREDIT \$ 1,200	137-A 19 APRIL 77
67	ADD CEILING ACCESS PANELS PER FIELD DIRECTION.	4 JAN 77	FIELD	UoFM TO ADVISE ARCH'T OF QUANTITY AND COST.		
68	REVISE FOUR METAL SERVICE PANELS IN ROOM 9-155 TO ACCOMMODATE FOUR C-2 FIXTURES.	31 AUG 76	—	NO MOD. REQUIRED		OMIT
69	CHANGE SERVICE SINK PROVISION IN ROOM 1-78-TRASH/JANITOR.	30 MARCH 77	15 APRIL 77	MOD COMPLETED.		139-A 20 APRIL 77
70	UNIT B/C PHASE II INTERFACE MOD. FLOOR 9	28 JAN 77	21 MAR 77	MOD COMPLETED.		129-P 12 APRIL 1977



# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 16, 1977  
SHEET 8 OF 10

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	PROVIDE MIRRORS & COAT HOOKS IN AMBULATORY SURGERY ROOMS 1-301, 302, 303	31 AUG 76	1 APR 77	MOD COMPLETED		133-P 5 APRIL 77
72	PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370	—	1 APR. 77	MOD COMPLETED		127-A 18 MARCH 1977
73	REVISE DELAWARE STREET GRATINGS FOR DRAINS ON GRIDS E5 AND E15.	24 FEB 77	1 APR 77	MOD. COMPLETED.	CONT. \$ 946	134-E 5 APRIL 77
74	ADD ACOUSTIC INSULATION TO FLOOR 15 AIR CHAMBERS	1 MAR 77	1 MAY 77	MOD COST/CREDIT UNDER NEGOTIATION W/ CONTR.		
75	PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE ALARM CONTROL ROOM.		1 APR. 77	MOD COMPLETED		126-E 18 MARCH 1977
76	REVERSE SWING OF DOORS 2-52 SECOND FLOOR WEST FROM MAYO TO PEDESTRIAN LINK FOR EXIT PURPOSE	16 MARCH 77	1 JUL. 77	MOD COMPLETED.		164-P 19 JULY 1977
77	ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121.	30 MARCH 77		MOD COMPLETED.	\$ 1300.00	149-P 9 MAY 1977
78	... AND SEATING CHANGES TO ROOM 2-104 CLINICAL AUDITORIUM.	5 APRIL 1977	15 APRIL 77	MOD. COMPLETED (ELEC. ON T&M BASIS)		136-A 12 APRIL 1977
79	ADD DIVISIONS FOR REWAY ROOM 2-94.	30 MARCH 1977	1 MAY 77	MOD COMPLETED.		144-P 2 MAY 77
80	ADD OBSERVATION WINDOW BTWN. EXAM ROOMS 4TH FLOOR PEDIATRICS CLINIC.	31 MARCH 77		MOD COMPLETED.		140-P 18 APRIL 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV 16, 1977  
SHEET 9 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
81	ADD CASEWORK TO HOSPITAL CLASS ROOM 9-138.	30 MARCH '77 23 MAY '77 HSPO LETTER		GENERAL PORTION COMPLETE, ELECTRICAL REJECTED & WILL BE BY OTHERS.		159-P 24 JUNE 77
82	UNIT B/C PHASE II INTERFACE. MOD. FLOORS 1, 2, 8, 9.		MAY 15, '77	MOD COMPLETED.		154-P 15 JUNE 77
83	ADD STEEL BOLDS FOR PIPE PROTECTION IN EXIST. MAYO GARAGE.			MOD REJECTED 6/21/77		151-E 20 MAY 77
84	PROVIDE TEMPORARY ELEVATOR NO 1 FOR FUTURE CONSTRUCTION HOLDING FOR FINISHING SHELL SPACE.			MOD COMPLETED.		152-P 13 JUNE 77
85	VARIOUS ELECTRICAL CONTRACT COORDINATION ITEMS.			MOD COMPLETED.	(+1750.00)	153-A 24 MAY 77
86	REVISION TO FLOORS 3 and 8 TO ACCOMMODATE CHILDRENS PSYCHIATRY.	29 JUNE '77		MOD COMPLETED.		166-P (FWS) 167-P (FWS) 25 JULY 77
87	REVISE THE FUEL OIL PIPING SYSTEM.			MOD COMPLETED.		157-A 8 JUNE 77
88	PHARMACY AREA FLOOR 2 SECURITY PROVISIONS	13 JUNE '77		GENL. (T & M) ELEC. (T & M)		165-P 18 JULY 1977
89	OMIT VAT & VINYL IN CERTAIN AREAS FOR SUBSTITUTION OF GRAY # CARPET.	20 JUNE 77 HSPO LETTER		MOD COMPLETED.	HOSP. (-25550.00)	163-P 15 JULY 77
90	MISCELLANEOUS GENERAL AND ELECTRICAL REVISIONS TO ACCOMMODATE ELECTRICAL ITEMS (4)			HSPO REVIEWING FOR APPROVAL TO ISSUE.		172-A 8 AUG. 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 16, 1977  
SHEET 10 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
91	REVISE STEEL CONNECTION AT 5TH FLOOR LINK TO MAYO TO AVOID CONFLICTS WITH EXISTING ITEMS.			GENERAL MOD COMPLETE, MECHANICAL CONTRACTOR TEM, ELECTRICAL CONTRACTOR NO CHG.		185-E 18 OCT. 1977
92	FOUR EAST WALL OF LOCKER RM. 1-354 TO ENCLOSE EXISTING REMAINING ELEC. CONDUIT.			ARCHIT. TO PREPARE MOD.		
93	REVISE CEILING SERVICE PANELS RMS. 3-165, 166, 167, & 168 TO ACCOMMODATE INCANDESCENT FIXTURES.			GENERAL WORK PROCEEDING ON T&M BASIS.		186-A 21 OCT. 1977
94	REVISE THE CLINIC RECEPTION AREA COUNTERS.			ARCHIT TO PREPARE MOD.		
95	RAISE EXAM ROOM DESK SHELVES FROM 36" TO 48" HEIGHT. (APPROX. 90 OF 180 SHELVES).	NOV. 7, 1977 HSMO LETTER.		ARCHIT TO PREPARE MOD.		
96						
97						
98						
99						
100						









DATE WRITTEN	CONTRACT	DESCRIPTION	MOD #	PRELIM. AMOUNT	FUNDING		FINAL AMOUNT	DATE FINAL	C.O.
					CONT.	OTHER			
7/9/76	Gen.	Use Mayo Court area for construction purposes	40-E	- 23,000	X		-23,000	7/9/76	G-3
7/27/76	Gen.	Revise certain partition types from plaster to drywall	41-E	- 57,137	X		-57,137	9/21/76	G-4
8/4/76	Gen.	Cost savings due to reuse of existing air relief shaft grating & supports	42-E	- 2,617	X		- 2,617	3/8/77	G-9
8/4/76	Gen. Vert.	Provide & install 16 guide rail support beams between basement & first floor	43-A	G. +5,346 V. N/C	X		Gen.+5,346 Vert. N/C	11/6/76	G-6 V-3
8/9/76	Gen.	Provide curb reinforcing in walls of air chambers on floors 10 & 15	44-A	+ 3,000	X		+ 3,000	11/22/76	G-6
8/9/76	Elec.	Provide for selective testing of emergency transfer switches & provisions for remote status indicators	45-E	+ 1,573	X		+ 1,573	3/4/77	E-7
8/9/76	Gen. Mech.	Revise domestic water service & fire services inside building	46-E	Gen. - 162 Mech.-8,900	X		Gen.- 162 Mech-8,900	11/8/76	G-5 M-5
8/13/76	Gen. Mech. Elec.	Program changes for larger bus turning radius & addition of JOML Contract A Mechanical Towers	47-P	G. + 5,315 M. N/C E. 530	X		Gen.+5,315 Mech+ N/C Elec+ 530	2/14/77	G-8 M-8 E-6
8/17/76	Gen.	Steel framing revisions required to conform to Westinghouse shop drawings of elevator machine rooms	48-A	+ 2,473	X		+ 2,473	11/16/76	G-6
8/17/76	Mech.	Reduce sprinkler piping size; sub. flow control valve in fire control cab, provide bracket & switch for valves	49-A	- 3,026	X		- 3,026	9/7/76	M-4
8/31/76	Mech.	Omit certain remote alarm wiring	50-E	- 3,712	X		Rejected by U/M (1/17/77)		
9/1/76	Gen. Mech. Elec.	Extension of sleeves through floor slabs to 1-1/2" in lieu of 1/2"	51-P	Gen. N/C Mech +4,000 Elec.+5,000	X				
9/20/76	Gen. Mech. Elec.	Sprinkler heads modified & ionization smoke detectors added in Radiology & Family Practice Clinic X-Ray	52-P	Gen. Mech.(6,000) Elec.		Hospital	Gen. N/C Mech.+1,325 Elec.+7,447.45	2/14/77	G-3A M-2A E-6



DATE WRITTEN	CONTRACT	DESCRIPTION	MOD #	PRELIM. AMOUNT	FUNDING		FINAL AMOUNT	DATE FINAL	C.O. #
					CONT.	OTHER			
9/21/76	Gen. Mech. Elec.	Omit sterilizer S-294C and add hi-vacuum sterilizer S-294R	53-P	+ 9,000		Hospital	Gen.+8,409 Mech+N/C Elec+ 540.45	2/14/77	G-3A M-2A E-6
10/1/76	Mech.	Substitute Rubatex foamed tubular insulation on piping systems where Arnaflex type FR insul. specified	54-E	-1,044.40	X		- 1,044.40	11/16/76	M-6
10/4/76	Gen. Mech. Elec.	Revise certain features of work in 1st. fl. west area; Rm. 1-395 & 1-396 1st. fl. east area of Mayo Garage 1-58, 1-95	55-A	G.+ 3,748 M.+ 22,584 E.+ 816	X		G.+ 3,748 M.+22,584 E.+ 202	8/10/77	G-15 M-15 E-13
10/5/76	Gen. Mech. Elec.	Provide for future expansion of operating room addition	56-P	Gen.+23,955 Mech+N/C Elec+ 166.14		Hospital	Gen+ 23,955 Mech.+ N/C Elec+ 166.14	3/17/77	G-4A M-3A E-7
10/8/76	Mech.	Add device for monitoring the low level of main underground fuel oil tanks.	57-E	+ 1,019	X		+ 1,019	1/12/77	M-7
10/13/76	Gen. Mech.	Move waste piping from above transformers on 10th floor rooms 102 & 103	58-E	Gen.+ 2,240 Mech+ 2,721	X		Gen.+2,240 Mech+2,721	3/17/77	G-9 M-9
10/18/76	Mech. Elec.	To avoid overheating animals if control air pressure is lost	59-E	Mech.+ 321 Elec.+3,046	X		Mech.+ 321 Elec+3,046	3/17/77	M-9 E-7
10/19/76	Elec.	Add wiring to the rubbish chute to facilitate control of door interlock system	60-A	+ 997.47	X		+ 997.47	11/8/76	E-4
10/25/76	Gen.	Improve construction site limits for JOML Contract A project	61-P	+ 2,500		JOML	+ 2,500	1/25/77	G-2A
11/3/76	Mech.	Credit allowance for permitting substitution of dampered steam preheat coils other than specified model	62-E	- 8,000	X		- 8,000	3/17/77	M-9
11/5/76	Gen.	Revision of wall & ceiling paint materials from Alkyd enamel to Latex Satin enamel	63-P	N/C	X		N/C	1/5/77	G-7
11/5/76	Gen. Mech. Elec.	Increase size requirements of Fire Management Control Room 3-75 to accommodate Honeywell equipment	64-A	Gen.+ 693 Mech.+ 431 Elec.+ 156	X		Gen.+ 693 Mech+ 431 Elec+ 156	3/4/77	G-9 M-7 E-7
11/8/76	Gen.	Revise finishing of floor 8 Audiometrics rooms from field to factory paint	65-P	+ 1,500		Hospital	N/C	1/25/77	G-7

DATE WRITTEN	CONTRACT	DESCRIPTION	MOD #	PRELIM. AMOUNT	FUNDING		FINAL AMOUNT	E FINAL	C.O. #
					CONT.	OTHER			
11/10/76	Gen. Elec.	Revise provisions for elec. locked/unlocked exit devices & electro-mag. hold-open devices for certain doors	66-P	Gen. 1,200 Elec.+13,655	X		G. N/C E. T&M	8/8/77	G-14
11/15/76	Gen. Mech. Elec.	Provide folding partition between offices 1-221 & 1-222	67-P	G. + 2,109 M. N/C E. N/C		Hospital	Gen.+ 2,109 Mech. N/C Elec. N/C	2/16/77	G-3A M-2A E-6
11/12/76	Elec.	Omit equip. item M-490 in Rm. 1-380 Owner will provide dual head O.R. light fixture	68-P	- 1,298.52	X		- 1,298.52	1/12/77	E-5
11/16/76	Gen. Mech. Elec.	To accommodate revised program requirements of the Hosp., Envir. Ser., & Trans. & Distribution	69-P	Gen. +25,477 Mech.+ 6,271 Elec.+ 2,261		Hospital	G.+25,477 M.+ 6,271 E.+ 2,261	5/18/77	G-6A M-5A E-9
12/3/76	Gen. Mech. Elec.	Revise lighting, lighting control & ceiling of certain Ophthalmology exam rooms & add new receptacles	70-P	Gen. + 263 Mech.+ 174 Elec.+6,802		Hospital	Gen. +263 Mech.+174 Elec.6,802	3/15/77	G-4A M-3A E-7
12/3/76	Elec.	Re-route telephone conduit & TV/Communications conduit	71-E	+ 1,896.50	X		+ 1,896.50	1/12/77	E-5
12/3/76	Elec.	Revise & clarify Temporary Electric Service installation	72-E	+ 7,000	X				
12/6/76	Gen. Elec.	Improve function of Information Areas Rooms 2-161 & 3-89	73-P	Gen. 1,024 Elec. 300		Hospital (3rd fl. portion)		4/29/77 Omit 2nd fl. work	G-6A E-9
12/7/76	Gen. Elec.	Improve function of telephone kiosks	74-P	Gen. +1,257 Elec.+ 572	X		Gen.+ 1,257 Elec.+ 572	2/22/77	G-8 E-6
12/7/76	Gen.	Addition of brochure display case	75-P	+ 1,325		Hospital	+ 1,325	2/14/77	G-3A
12/7/76	Gen. Mech. Elec.	Improve coordination of ceiling items in rooms 11-149 & 11-150	76-A	Gen.+ 256 Mech.+ 389 Elec.- 79	X		Gen. + 256 Mech.+ 389 Elec.- 10	4/13/77	G-10 M-10 E-8
12/15/76	Gen.	Omit sanitary napkin receptors in certain clinical toilet rooms	77-P	- 334	X		- 334	2/22/77	G-8
12/15/76	Gen.	Revise door 1-240 & frame in Radiology 1st fl. east to a radiation shielded door	78-P	+ 1,226		Hospital	+ 1,226	2/22/77	G-3A















Date Written	Contract	Description	Mod #	Prelim. Amount	Funding		Final Amount	Date Finalized	C.O. #
					Cont.	Other			
5/31/77	Mech.	Revision of fuel oil piping system to avoid siphoning of fuel into basement in event of fuel line break.	157-A	+ 1,388	X		+ 1,388	7/25/77	M-13
6/7/77	Gen.	Modify the gen. contract in accordance with Sheehy invoices 8690,8938, 8992	158-E	+ 16,422	X		+ 16,422	6/14/77	G-12
6/17/77	Gen. Elec.	Revisions to Hospital classroom 9-138	159-P	G.+ 3,491 E.+ 1,298		Hospital (Kavalston)	G.+ 3,491	10/13/77	G-11A
7/8/77	Gen.	Installation of woven wire partitions at 1-79 and 1-80	160-P	+ 3,524		Hospital	+ 3,524	8/31/77	G-10A
7/8/77	Gen.	Preparatory work in anticipation of future finish work (omit various partitions & modify door location)	161-P	- 500		Hospital	-500	8/29/77	
7/1/77	Gen.	Installation of sheet lead on 3rd fl. room 3-141	162-P	+ 1,006		Hospital	+ 1,006	8/10/77	G-14
7/15/77	Gen.	Floor finishes revised from VAT or vinyl to Group II carpeting in certain areas	163-P	- 2,550		Hospital	- 2,550	8/29/77	G-10A
7/19/77	Gen. Elec.	Revised door 2-52 and add doors 2-56A and 2-56B	164-P	G. + 6,939 E. + 99		Hospital	G. + 6,939 E. + 99	10/26/77	G-11A E-14
7/18/77	Gen. Elec.	Provide for intrusion detection in Pharmacy	165-P	+G. T&M +E. T&M		Hospital			
7/22/77	Gen. Mech. Elec.	Revision of 8th fl. Psychiatry	166-P	G. + 1,115 M. + 2,628 E. + 5,407		Hospital	G. + 1,115 M. + 2,628 E. + 1,085	11/14/77	
7/22/77	Gen. Mech. Elec.	Revision of 3rd fl. Psychiatry	167-P	G. + 1,235 M. N/C E. + 1,085		Hospital	G. + 1,235 M. N/C E. + 1,085	10/27/77	G-11A M-8A E-14
7/25/77	Mech.	Omit insulation on all vertical kitchen exhaust ducts in Cores 27 & 33	168-E	- 5,846	X		- 5,846	8/10/77	M-14
7/25/77	Elec.	Provide for future installation of an intrusion detection system	169-E	+ 348		Hospital	+ 348	8/10/77	E-12

Date Written	Contract	Description	Mod #	Prelim. Amount	Funding		Final Amount	Date Finalized	C.O. #
					Cont.	Other			
7/26/77	Elec.	T&M changes to be incorporated into contract	170-E	+ 2,795	X		+ 2,795	8/1/77	E-12
7/26/77	Gen.	Omit door 11-109C and substitute red oak panelling	171-E	+ 125		Dept. of Surg.	+ 125	8/3/77	G-9A
8/8/77	Gen.	Misc. General revisions to accommodate Electrical construction	172-A		X				
8/10/77	Gen.	Omit wall extension above ceilings of rms. A69 & A102	173-E	-	X				
9/30/77	Gen.	Provide work and materials to accommodate the MTS	174-E			Hospital			
8/12/77	Gen.	Relates to undercutting of doors on fls. 1 & 11	175-P	+ 90.				<u>Rejected</u> 8/17/77	
8/12/77	Mech.	Revision of the high-pressure steam cross-connection between PRV station 1 & the Unit A PRV station	176-E	-	X				
			177						
8/23/77	Mech.	Alarm wiring to be incorporated into Honeywell Central Control & Monitoring system	178-E	+ 3,570	X		+ 3,570	9/14/77	
8/24/77	Gen. Mech.	Revision of roof drains in 10-105 and 10-106	179-E		X		G. + 411 M. + 709	11/9/77	
9/21/77	Elec.	Improve operation and maintenance procedures relating to the fire management system.	180-E	+ 720	X		+ 720	10/13/77	E-14
9/28/77	Gen.	Additional cost for escalation and erection of steel in connection with Unit B/C Modification 56-P.	181-E			Hospital	+ 5,499	10/7/77	G-16
9/28/77	Elec.	Omit corridor 1-60 snf 1-61 from the isolated power system	182-E	+ 1,496	X		+ 1,496	10/13/77	E-14



November 16, 1977

FUNDING SUMMARY

I. Contingency Summary - Unit B/C \$ 253,622

Change Orders to date:

General (G-1 through G-16)	- 48,791	
Mechanical (M-1 through M-16)	- 135,029	
Electrical (E-1 through E-14)	30,755	
Vertical (V-1 through V-5)	362,313	
ECX (ECX-1)	80,500	
ECSI (ECSI-1 through ECSI-3)	13,382	
ECSII (ECSII-1 through ECSII-3)	- 9,398	
		293,732

Final Modifications to date:

General	885	
Mechanical	4,279	
Electrical	6,614	
Vertical	0	
		11,778

Preliminary Modifications to date:

General	- 40,000	
Mechanical	11,000	
Electrical	5,000	
Verticle	0	
		- 24,000

281,510 - 281,510

CONTINGENCY BALANCE = - 27,888

Proposed changes:	#32 14,299	
	#34 - 2,500	
	11,799	
		- 11,799
		- 39,687

11. Reimbursables

NOV 16 1977

MOD #	Total of Preliminary Mods	Total of Final Mods	Total of Mods in CO's	MOD #	Total of Preliminary Mods	Total of Final Mods	Total of Mods in CO's
<u>Hospital</u>				<u>Hospital, cont.</u>			
9-P			2,283	132-P			1,783
10-P			321	133-P			391
11-E			23,000	138-P			Rejected
12-E			1,000	140-P			602
13-E			9,200	141-P			Rejected
52-P			8,772.45	142-P			29,995
53-P			8,949.65	144-P			19,672
56-P			24,121.14	147-P			Rejected
65-P			N/C	150-E	3,776		
67-P			2,109	154-P			10,506
69-P			34,009	155-P			22,052
70-P			7,239	159-P			3,491
73-P			1,324	160-P			3,524
75-P			1,325	161-P		- 500	
78-P			1,226	162-P			1,006
80-P	-			163-P			- 2,550
81-P			349	164-P			7,038
82-P			-4,175	165-P	T&M		
84-P			Rejected	166-P			4,828
86-P	T&M			167-P			2,320
87-P	T&M			169-P			348
89-P			Rejected	174-E	-		
95-P			3,907	181-E			5,499
96-P			18,410	185-E			360
97-P			3,757	189-E	-		
98-P			83,049		3,776	- 500	527,514.24
102-P			7,173			11% on CO's	58,016
103-P			1,619				
110-P			Rejected				<u>585,530.24</u>
111-P			14,531				
112-P			1,286				
116-P			-45,000*				
120-P			142,149				
121-P			Rejected				
122-P			13,454				
131-P			6,161				

Total amount of reimb. to date

\* -45,000 not included in total Hospital figure

II. Reimbursables

NOV 16 1977

MOD #	Total of Preliminary Mods	Total of Final Mods	Total of Mods in CO's	MOD #	Total of Preliminary Mods	Total of Final Mods	Total of Mods in CO's
Med School				Other			
11-E			2,000	7-E			304,400
12-E			142,800	8-E			12,900
13-E			46,800	12-E			88,900
83-P		(rejected)	863.98	61-P			2,500
94-P			66,857	105-P (1/2)			Rejected
129-P			31,199	125-P			23,854
154-P			5,191	152-P			153,041
171-E			125				
			295,835.98				585,586
		11% on CO's	32,542.00			11% on CO's	64,414
Total amount of reimb. to date			<u>328,377.98</u>	Total amount of reimb. to date			<u>650,000</u>

UNIVERSITY OF MINNESOTA  
HEALTH SCIENCES EXPANSION

MEMORANDUM

MEMO TO: Unit B/C File  
MEMO BY: Richard J. Carlson  
DATE: 16 November 1977  
SUBJECT: Unit B/C Progress Meeting  
PRESENT: Messrs; Maupin, Nelson, Swanson, Dickler, Kujawa, Carlson, Blanchard and Ms. Gensmer.  
NOTE: Next Progress Meeting 30 November 1977 at 10:00 A.M.

ITEM

✓ 1. Project Schedule HSPD is in the process of preparing a University schedule of activities for moving into the Building. Certain parts of the necessary data will be submitted to HSPD by this Friday.

✓ 2. Status of Prepared Changes and Modifications The Monitoring Schedule dated November 16, 1977 was reviewed with the following comments:

A. There was one new change added to the list since November 2, 1977.

B. The status of changes are as follows:

1. U of M to provide requirements to Architect .....	6
2. Architect to prepare Mod .....	3
3. HSPD reviewing Mod. for approval.	1
4. Contractors costing approved Mod.	0
5. Change completed as a Mod.....	64
*6. Other condition.....	20
7. Architect/University evaluating costs.....	1
<u>Total</u>	<u>95</u>

I. Change 15 (Pulmonary Function lab) - the preparation of the estimated cost previously submitted also included the development of the preliminary design for this area.

C. The following modifications were reviewed:

I. 174-E (general construction revisions to accomodate MTS) -

The General Contractors quotations of (+) \$4981.00 was reviewed. Approximately \$3500.00 of this cost is attributable to the solid plaster enclosure around the MTS

pathway. This cost appears to be relatively high, however, the Hospital will consider acceptance of the cost of suggest other methods of proceeding.

- ✓ 3. Contingency Report  
The report dated November 16, 1977 distributed, indicated a contingency balance of (-) \$27,888.00. A new report and balance will be prepared for the November 30th meeting.
- ✓ 4. Unit B/C Phase II Work  
The pre-bid conference time must be established by the University. A meeting will be held with the Architects to discuss the interface of the Phase I and Phase II schedule of construction activities. Additional addendum comments from the Users will be available this week.
- ✓ 5. Diehl Hall Remodeling  
Maupin indicated that the University master-planning sub-committee has met and that three project program proposals are now under consideration.
- ✓ 6. M.T.S. Contract Status  
No Report.
- ✓ 7. Food Service on Floors 2 and 5.  
No Report.
- ✓ 8. Lock Keying Schedule  
The schedule is proceeding well according to Swanson and nearing completion.
- ✓ 9. Trash Handling  
Maupin indicated that a consultant will be hired to evaluate the trash handling program.
- ✓ 10. Fire Management System  
The Electrical Contractor has the list of messages for incorporation into the system.
- ✓ 11. Clinic Reception Areas  
The Architects are in the process of preparing the preliminary modifications.

cc: Meeting Attendees  
Clinton Hewitt  
John Patterson  
E. A. Kogl



# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 30, 1977  
SHEET 1 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
1	ADDITIONAL CASEWORK IN AUDIOLOGY CLINIC - ROOM. 8-157	23 JUN 76	1 FEB 77	MOD. COMPLETED.	HOSP. \$2,200	.95-P 11 FEB 77
2	SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1.	26 MAY 76	1 JUL 77	MOD COMPLETED	HOSP. \$2,500	160-P 8 JULY 77
3	ENT. CLINIC AREA REDESIGN ON FLOOR 8.	22 DEC 76	1 FEB 77	MOD COMPLETED.	HOSP. (MAXIMUM) \$15,000	96-P 1 FEB 77
4	ADD CONTROL DOORS IN TUNNEL CORR. TO RADIOLOGY ON FLOOR 2.	17 NOV. 76	1 JUL 77	MOD COMPLETED.	HOSP. \$1,500	164-P 19 JULY 1977
5	GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.R. - FLOOR 2.	17 NOV. 76	1 MAR 77	MOD. COMPLETED.	HOSP. \$6,000	111-P 28 FEB 77
6	DELETE S.N.R. IN CERTAIN CLINIC TOILET ROOMS.	17 JUL. 76	15 DEC 77	MOD. COMPLETED	CONT. CREDIT	77-P 15 DEC 77
7	REVISED DESIGN FOR FLOORS 3 & 4. GUARDRAIL PROVISION.	13 OCT 76	1 MAY 77	MOD REJECTED 7/7/77.	HOSP. \$7,500	147-P 25 MAY 77
8	LIGHTING CHANGES IN CLINICS.	19 JAN. 77	15 FEB 77	MOD COMPLETED.	HOSP.	102-P 16 FEB 77
9	ADDITION OF INTRUSION DETECTION SECURITY SYSTEM. DOOR PROVISIONS ONLY	20 DEC 76	22 FEB 77	MOD REJECTED 11 MAY 1977 FL. 9 TO BE T&M	HOSP.	121-P 4 MARCH 77
10	LEAD SHIELDING FOR DOOR NO. 1-240.	11 AUG 76	15 DEC 76	MOD. COMPLETED	HOSP. \$1,226	78-P 15 DEC 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV 30, 1977  
SHEET 2 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
11	PLAZA WATERPROOFING DESIGN CHANGE.	18 AUG 76	1 MAR 77	CONST. COORDINATOR NEGOTIATING CONTRS. PROPOSED CREDIT (-) 38,574.00	CONT. CREDIT \$40,000	123-E 7 MARCH 77
12	LEAD SHIELDING IN FLOOR OF ROOM 3-141.	29 SEP 76	1 JUL 77	MOD COMPLETED.	HOSP. \$3,000	162-P 8 JULY 1977
13	ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76.	31 AUG 76	1 JAN 77	80 - CONTRACTOR COSTING 81 & 85 - MOD COMPLETED. 86, 87, 88 - TIME AND MATLS. 84 & 89 - REJECTED.	HOSP \$7,600	80, 81, 84, 85, 86, 87, 88, 89 1 JAN 77
14	DELETE CASEWORK AND SPECIAL FINISHES IN UROLOGY ROOMS.	1 OCT 76	1 JAN 77	MOD. COMPLETED.	HOSP. CREDIT \$4,000	82-P 28 DEC 76
15	ADD A PULMONARY FUNCTION LAB ON FLOOR 4.	12 SEPT. 77	—	ARCHITECT PROVIDED ESTIMATED COST. INCLUDE WORK IN LATER PHASE.	HOSP. \$17,640.00	OMIT
16	ADD ROOM TO FAMILY PRACTICE ON FLOOR 6.	5 NOV 76	1 JAN 77	MOD REJECTED 29 APRIL 1977	USER \$5,000	83-P 28 DEC 76
17	REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK.	28 OCT 76	1 JUL 77	MOD COMPLETED.	CONT. \$550	170-E 26 JULY 77
18	ROOF DESIGN CHANGE BY UoFM FOR COST SAVINGS.	17 NOV 76	1 MAR 77	MOD COMPLETED.	CONT. CREDIT (-) 35,000.00	124-E 7 MARCH, 1977
19	MISCELLANEOUS TELEPHONE CHANGES.	18 AUG 76	1 JAN 77	MOD COMPLETED.	CONT.	90-P 7 JAN 77
20	OMIT RADIOLOGY CASH ALLOWANCE.	14 OCT 76	4 MAR 77	MOD. COMPLETED. TOTAL (-) 45,000.00	HOSP. CREDIT	116-P 3 MARCH 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 30, 1977  
SHEET 3 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
21	FLOOR 2 ADMISSIONS AREA CHANGE PER PHASE II PLANS.	19 JAN 77	4 MAR 77	MOD COMPLETED.	HOSP.	.120-P 25 MARCH 1977
22	MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS.	16 JUN 76	15 MAR 77	MOD COMPLETED.	CONT. \$15,000	125-P 16 MARCH 1977
23	INCREASE CEILING HT. IN ROOMS 1-380 & 381 TO 8'-0".	17 NOV 76	1 JUN 77	MOD COMPLETED.	CONT. \$400	156-P 21 JUNE 1977
24	ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W, REVISE EXISTING PIPING & DVCTS.	26 MAY 76	1 APR 77	GENERAL MOD DIVISION COMPLETE. (+) 641.00 MECHANICAL ON TIME & MATERIAL BASIC.	CONT. \$2,500	128-A 29 MARCH 1977
25	REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK.	FIELD	15 JAN 77	MOD. COMPLETED.	CONT. MINIMUM	91-E 17 JAN 77
26	FILM ILLUMINATOR CHANGE.	17 NOV. 76	1 MAR 77	NO CHANGE IS REQ'D		OMIT
27	REVISE TEMP. CONTROLS FOR CHILLER PUMPS IN UNIT A.	17 AUG 76	1 JAN 77	MOD COMPLETED	CONT. CREDIT \$10,000	79-E 15 DEC 76
28	OMIT ALL FIELD PAINTING OF STRUCTURAL STEEL.	20 MAY 76	1 MAR 77	MOD. COMPLETED.	CONT. CREDIT \$5,700	115-E 1 MAR 77
29	WEST PLAZA DRAINAGE SYSTEM PROVISIONS	17 NOV. 76	1 MAR 77	MOD COMPLETED.	CONT.	114-E 28 FEB 77
30	OMIT STAINLESS STEEL FLASHING RELATED TO PLAZA CONSTRUCTION.	17 NOV. 76	1 MAR. 77	MOD. COMPLETED.	CONT. CREDIT \$10,400	118-E 1 MAR 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 30, 1977  
SHEET 4 OF 10

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 A 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. \$14,299.00	
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	MOD. COMPLETED	HOSP. \$900	112-P 28 FEB 77
36	CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11.	15 NOV. 76	1 FEB 77	MOD. COMPLETED.	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	MOD. COMPLETED.	HOSP.	97-P 1 FEB 77
38	PROVIDE RADIATION SUPPORTS IN SHELL SPACE	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$28,068	93-E 21 JAN 77
39	CHANGE DOORS AT ELECTRICAL VAULT ROOMS; 3, 10, 15.	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$1,752	92-E 21 JAN 77
40	OMIT RESILIENT SUSPENSION SYSTEM IN CERTAIN AREAS	2 FEB 77	15 FEB 77	MOD. COMPLETED	CONT. CREDIT \$650	100-E 4 FEB 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 30, 1977  
SHEET 5 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
41	ELECTRICAL CONTRACTOR INSTALLED UOFM SUPPLIED LIGHT FIXTURES.	FIELD 3 NOV 76	---	MOD COMPLETED.	CONT. \$ 168	170-E 26 JULY '77
42	GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS.	FIELD 5 JAN 77	---	NO MOD REQUIRED (SEPERATE W. PURCHASE ORDER)	UNIT A CONTRACTOR \$10,118	OMIT
43	MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES.	14 DEC 76	15 FEB 77	MOD COMPLETED.	CONT. CREDIT	104-P 14 FEB 77
44	ADD TWO PLASTIC LAMINATE FIRE HOSE CABINETS LOCATED AT B-91 AND 10-101.	19 JAN 77	15 FEB 77	MOD COMPLETED.	CONT.	99-A 2 FEB 77
45	OTONEUROLOGY PROCEDURES SUITE ADDITION FLOOR 8.	19 JAN 77	22 FEB 77	MODIFICATION REJECTED.	HOSP. \$68,270	110-P (OMIT) 24 FEB 77
46	UNIT B/C PHASE II INTERFACE MODIFICATION FLOORS 1 AND 2	28 JAN 77	15 FEB 77	MOD COMPLETED	HOSP.	98-P 2 FEB 77
47	ADDITION OF MED. TECH. CABT STORAGE ON FLOOR 7.	2 FEB 77	1 MAR 77	MOD REJECTED 6/22/77.	CONT/USER	105-P 16 FEB 77
48	MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	108-E 21 FEB 77
49	OMIT AUTOMATIC AIR VENTS ON HYDRONIC SUPPLY AND RETURN RISERS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	107-E 21 FEB 77
50	CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429	2 FEB 77	1 APR 77	ARCHT. REVISION BY 15 MARCH 77 LETTER. NO MOD REQUIRED	HOSP.	OMIT

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 30 1977  
SHEET 6 OF 10

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	1 APR 77	MOD COMPLETED.		131-P 1 APRIL 77
52	FLOOR 2 OBERVATION WINDOW ADDITION.	2 FEB 77	1 APR 77	MOD COMPLETED		132-P 1 APRIL 77
53	FLOOR 8 E.N.T. CLINIC CHANGES INCLUDING THE ADDITION OF A FOLDING PARTITION	2 FEB 77	15 APR 77	MOD REJECTED 6/10/77		138-P 29 APRIL 77
54	REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS; BSM'T & FLOORS 10 & 15.	2 FEB 77		MOD COMPLETED		106-A 8 MAR. 77
55	REVISE PLAS. LAM. LOCKERS IN ROOMS 1-284 & 286 BY ADDING PADLOCK HASPS.	—	15 FEB 77	MOD COMPLETED.		103-P 14 FEB 77
56	OMIT CONCEALED SOAP DISPENSERS ON FIXTURES F-3B & F3-D ON EXAM ROOM LAVATORY SINKS.	10 FEB 77	15 FEB 77	MOD COMPLETED.		101-P 14 FEB 77
57	MODIFY CORE 26 ON FLOOR 9 TO ALLOW INSTALLATION OF ELECTRICAL PANELS.	17 FEB 77		MODIFICATION REJECTED.		113-E (OMIT) 28 FEB 77
58	MODIFY CONTROL ROOMS OF RADIOLOGY ROOMS; 1-232, 235, 240 AND 242.	18 FEB 77	7 MAR 77	MOD COMPLETED.		122-P 23 MARCH 77
59	ONIT MACHINE ROOM SLAB ABOVE FUTURE ELEVATOR NO. 1.	16 FEB 77	7 MAR 77	MOD 119-E REJECTED. (MECHANICAL WORK IN MOD. 135-A) (MOD. 135-A REJECTED)	—	OMIT
60	FIELD ORDER TO STOP INSTALL. OF PRECAST CONC. BENCHES IN WEST AREA			O. HUGHES TO ADVISE ARCH'T OF CHANGES DESIRED		

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 30, 1977  
SHEET 7 OF 10

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	ADD ELEC. DISCONNECT SWITCH TO ELEV. CONTROLLERS FOR ELEV. 4, 5 & 6 PER LETTER BY STATE.	20 JAN 77	1 APR 77	MOD REJECTED 6/30/77		130-A 1 APRIL 77
62	ADJUST CASH ALLOWANCE FOR AUD. SEATING TO BID AMOUNT.	2 FEB 77	4 MAR 77	MOD. COMPLETED	CONT. CREDIT \$ 2,900	117-P 8 MARCH 77
63	OMIT AIR COMPRESSOR FOR AUTOMATIC DOORS 1-61 & 296.	20 JAN 77	15 MAY 77	MOD COMPLETED.	CREDIT \$ 76500	148-A MAY 6 1977
64	CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. (ELECTRICAL WORK)			MOD REJECTED 6/30/77		141-P 28 APRIL 77
65	OMIT AIR BLENDERS FOR 100% OUTSIDE AIR UNITS S-1C AND S-18C.			MOD COMPLETED.	CREDIT	109-A 21 FEB 77
66	ALLOW MASON INDUSTRIES TYPE FSN FLOATING FLOOR SYSTEM IN AIR CHAMBERS	2 FEB 77	15 APR 77	MOD. COMPLETED.	CREDIT \$ 1,200	137-A 19 APRIL 77
67	ADD CEILING ACCESS PANELS PER FIELD DIRECTION.	4 JAN 77	FIELD	UofM TO ADVISE ARCH'T OF QUANTITY AND COST.		
68	REVISE FOUR METAL SERVICE PANELS IN ROOM 9-155 TO ACCOMMODATE FOUR C-2 FIXTURES.	31 AUG 76	—	NO MOD. REQUIRED		OMIT
69	CHANGE SERVICE SINK PROVISION IN ROOM 1-78-TRASH/JANITOR.	30 MARCH 77	15 APRIL 77	MOD COMPLETED.		139-A 20 APRIL 77
70	UNIT B/C PHASE II INTERFACE MOD. FLOOR 9	28 JAN 77	21 MAR 77	MOD COMPLETED.		129-P 12 APRIL 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 30, 1977  
SHEET 8 OF 10

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	PROVIDE MIRRORS & COAT HOOKS IN AMBULATORY SURGERY ROOMS 1-301, 302, 303	31 AUG 76	1 APR 77	MOD COMPLETED		133-P 5 APRIL 77
72	PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370	—	1 APR. 77	MOD COMPLETED		127-A 18 MARCH 1977
73	REVISE DELAWARE STREET GRATINGS FOR DRAINS ON GRIDS E5 AND E15.	24 FEB 77	1 APR 77	MOD. COMPLETED.	CONT. \$ 946	134-E 5 APRIL 77
74	ADD ACOUSTIC INSULATION TO FLOOR 15 AIR CHAMBERS	1 MAR 77	1 MAY 77	MOD COST/CREDIT UNDER NEGOTIATION W/ CONTR.		
75	PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE ALARM CONTROL ROOM.		1 APR. 77	MOD COMPLETED		126-E 18 MARCH 1977
76	REVERSE SWING OF DOORS 2-52 SECOND FLOOR WEST FROM MAYO TO PEDESTRIAN LINK FOR EXIT DIFFERENCE.	16 MARCH 77	1 JUL. 77	MOD COMPLETED.		164-P 19 JULY 1977
77	ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. 1A-120, 1A-121.	30 MARCH 77		MOD COMPLETED.	\$1300.00	149-P 9 MAY 1977
78	... AND SEATING CHANGES TO ROOM 2-104 CHEMICAL AUDITORIUM.	5 APRIL 1977	15 APR. 77	MOD. COMPLETED (ELEC. ON T&M BASIS)		136-A 12 APRIL 1977
79	ADD DIVISIONS FOR NEWLY ROOM 2-74.	30 MARCH 1977	1 MAY 77	MOD COMPLETED.		144-P 2 MAY 77
80	ADD OBSERVATION WINDOW BTWN. EXAM ROOMS 4TH FLOOR PEDIATRICS CLINIC.	31 MARCH 77		MOD COMPLETED.		140-P 18 APRIL 77



# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 30, 1977  
SHEET 9 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
81	ADD CASTWORK TO HOSPITAL CLASS ROOM 9-138.	30 MARCH '77 23 MAY '77 HSPD LETTER		GENERAL PORTION COMPLETE, ELECTRICITY REJECTED & WILL BE BY OTHERS.		159-P 24 JUNE 77
82	UNIT B/C PHASE II INTERFACE. MOD. FLOORS 1, 2, 8, 9.		MAY 15, '77	MOD COMPLETED.		154-P 15 JUNE 77
83	ADD STEEL BOLARDS FOR PIPE PROTECTION IN EXIST. MAJO GARAGE.			MOD REJECTED 6/21/77		151-E 20 MAY 77
84	PROVIDE TEMPORARY ELEVATOR NO 1 FOR FUTURE CONSTRUCTION HOLDING FOR FINISHING SMALL SPACE.			MOD COMPLETED.		152-P 13 JUNE 77
85	VARIOUS ELECTRICAL CONTRCT. COORDINATION ITEMS.			MOD COMPLETED.	(+1750 <sup>00</sup> )	153-A 24 MAY 77
86	REVISION TO FLOORS 3 and 8 TO ACCOMMODATE CHILDRENS PSYCHIATRY.	29 JUNE '77		MOD COMPLETED.		166-P (FWS) 167-P (FLI2) 25 JULY 77
87	REVISE THE FUEL OIL PIPING SYSTEM.			MOD COMPLETED.		157-A 8 JUNE 77
88	PHARMACY AREA FLOOR 2 SECURITY PROVISIONS	13 JUNE '77		GENL. (T & M) ELEC. (T & M)		165-P 18 JULY 1977
89	OMIT VAT & VINYL IN CERTAIN AREAS FOR SUBSTITUTION OF GROUP II CARPET.	20 JUNE 77 HSPD LETTER		MOD COMPLETED.	HOSP. (-2550 <sup>00</sup> )	163-M 15 JULY 77
90	MISCELLANEOUS GENERAL AND ELECTRICAL REVISIONS TO ACCOMODATE ELECTRICAL ITEMS (4)			MOD REJECTED 11/16/77		172-A 8 AUG. 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE NOV. 30, 1977  
SHEET 10 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
91	REVISE STEEL CONNECTION AT 5TH FLOOR LINK TO MAYO TO AVOID CONFLICTS WITH EXISTING ITEMS.			GENERAL MOD COMPLETE, MECHANICAL CONTRACTOR T&M, ELECTRICAL CONTRACTOR NO CHG.		185-E 18 OCT. 1977
92	JOIN EAST WALL OF LOCKER RM. 1-354 TO ENCLOSE EXISTING REMAINING ELEC. CONDUIT.			CONTRACTORS COSTING APPROVED MOD.		191-E 30 NOV. 1977
93	REVISE CEILING SERVICE PANELS RMS. 3-165, 166, 167, & 168 TO ACCOMMODATE INCANDESCENT FIXTURES.			GENERAL WORK PROCEEDING ON T&M BASIS.		186-A 21 OCT. 1977
94	REVISE THE CLINIC RECEPTION AREA COUNTERS.			HSFO REVIEWING MOD FOR APPROVAL		197-P 30 NOV. 1977
95	RAISE EXAM. ROOM DESK SHELVES FROM 36" TO 48" HEIGHT. (APPROX. 90 OF 180 SHELVES).	NOV. 7, 1977 HSFO LETTER.		CONTRACTORS COSTING APPROVED MOD.		192-P 30 NOV. 1977
96						
97						
98						
99						
100						

UNIVERSITY OF MINNESOTA  
HEALTH SCIENCES EXPANSION

MEMORANDUM

MEMO TO: Unit B/C File  
MEMO BY: Richard J. Carlson  
DATE: 30 November 1977  
SUBJECT: Unit B/C Progress Meeting  
PRESENT: Messrs; Maupin, Kogl, Nelson, Swanson, Dickler, Kujawa,  
Patterson, Carlson, Blanchard and Ms. Gensmer.  
NOTE: Next Progress Meeting 14 December 1977 at 10:00 A.M.

ITEM

✓ 1. Project Schedule

HSPD is still in the process of preparing a University schedule of activities for moving into the Building. The Hospital will provide a list of existing equipment to be installed.

The Hospital expects to occupy their spaces in July. Floors 11 and 12 will probably be occupied in March rather than February due to the long lead time required for furnishings.

*\* Hospital  
occupy spaces  
in July  
Floors 11 & 12  
occupied in March  
rather than February  
due to long lead time  
required for furnishings  
78*

✓ 2. Status of Proposed Changes and Modifications

The Monitoring Schedule dated November 30, 1977 was reviewed with the following comments:

A. There were <sup>3</sup>no new changes added to the list since November 16, 1977.

B. The status of changes are as follows:

1. U of M to provide requirements to Architects .....	6
2. Architects to prepare Mod .....	81
3. HSPD reviewing Mod. for approval.	40
4. Contractors costing approved Mod.	24
5. Change completed as a Mod .....	64
*6. Other condition .....	21
7. Architect/University evaluating costs.....	1
Total	9597

\*"Other condition" includes thirteen modifications which have been rejected.

C. The following modifications were reviewed:

1. 174-E (general construction revisions to accommodate MTS) - previously reviewed in the last meeting has now been sent to the Contractor for signature.

Unit B/C Progress Meeting  
(November 30, 1977)

Page - 2 -

- ✓3. Contingency Report No report available; however, one will be prepared for the next meeting.
- ✓4. Unit B/C Phase II Work  
The pre-bid conference will be held 2:00 P.M., December 6th, Room 555, Diehl Hall. The Architects have submitted a memorandum dated 29 November regarding interface of Phase I occupancy during Phase II construction.
- The Architects will consider further revisions for reducing the "quality" of space of the Sixth Floor Construction Offices for possible inclusion by addendum.
- ✓5. Diehl Hall Remodeling No change in status.
- ✓6. MTS Contract Status The cost of MTS modification 2-A has been reduced approximately \$3,000.00.
- ✓7. Food Service on Floor 2 and 5 HSPD will issue a proceed order and program information soon.
- ✓8. Lock Keying Schedule The schedule is nearly complete.
- ✓9. Trash Handling The trash handling <sup>PROBLEM (STUDY)</sup> program will be financed out of HSPD funding. ~~NO MASTER PLAN COMMITTEE.~~
- ✓10. Fire Management System The Electrical Contractor has indicated that the message information for the system is insufficient. A meeting will be arranged with the Contractor and the University to review the problems.
- ✓11. Clinic Reception Areas The Architects have incorporated these revisions into preliminary modification 197-P which has been submitted to HSPD for review.

cc: Meeting Attendees  
Clinton Hewitt

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE DEC. 14, 1977  
SHEET 1 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
1	ADDITIONAL CASEWORK IN AUDIOLOGY CLINIC - ROOM 8-157.	23 JUN 76	1 FEB 77	MOD. COMPLETED.	HOSP. \$2,200	.95-P 11 FEB 77
2	SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1.	26 MAY 76	1 JUL 77	MOD COMPLETED	HOSP. \$2,500	160-P 8 JULY 77
3	ENT. CLINIC AREA REDESIGN ON FLOOR 8.	22 DEC 76	1 FEB 77	MOD COMPLETED.	HOSP. (MAXIMUM) \$15,000	96-P 1 FEB 77
4	ADD CONTROL DOORS IN TUNNEL CORR. TO RADIOLOGY ON FLOOR 2.	17 NOV. 76	1 JUL 77	MOD COMPLETED.	HOSP. \$1,500	164-P 19 JULY 1977
5	GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.R. - FLOOR 2.	17 NOV. 76	1 MAR 77	MOD. COMPLETED.	HOSP. \$6,000	111-P 28 FEB 77
6	DELETE S.N.R. IN CERTAIN CLINIC TOILET ROOMS.	17 JUL. 76	15 DEC 77	MOD. COMPLETED	CONT. CREDIT	77-P 15 DEC 77
7	REVISED DESIGN FOR FLOORS 3 & 4. GUARDRAIL PROVISION.	13 OCT 76	1 MAY 77	MOD REJECTED 7/7/77.	HOSP. \$7,500	147-P 25 MAY 77
8	LIGHTING CHANGES IN CLINICS.	19 JAN. 77	15 FEB 77	MOD COMPLETED.	HOSP.	102-P 16 FEB 77
9	ADDITION OF INTRUSION DETECTION SECURITY SYSTEM, DOOR PROVISIONS ONLY.	20 DEC 76	22 FEB 77	MOD REJECTED 11 MAY 1977 FL. 9 TO BE T&M	HOSP.	121-P 4 MARCH 77
10	LEAD SHIELDING FOR DOOR No. 1-240.	11 AUG 76	15 DEC 76	MOD. COMPLETED	HOSP. \$1,226	78-P 15 DEC 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE DEC. 14, 1977  
SHEET 2 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
11	PLAZA WATERPROOFING DESIGN CHANGE.	18 AUG 76	1 MAR 77	CONST. COORDINATOR NEGOTIATING CONTRS. PROPOSED CREDIT (-) 33,574.00	CONT. CREDIT \$40,000.	123-E 7 MARCH 77
12	LEAD SHIELDING IN FLOOR OF ROOM 3-141.	29 SEP 76	1 JUL 77	MOD COMPLETED.	HOSP. \$3,000	162-P 8 JULY 1977
13	ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76.	31 AUG 76	1 JAN 77	80 - CONTRACTOR COSTING 81 & 85 - MOD COMPLETED. 86, 87, 88 - TIME AND MATLS. 84 & 89 - REJECTED.	HOSP \$7,600	80, 81, 84, 85, 86, 87, 88, 89 1 JAN 77
14	DELETE CASEWORK AND SPECIAL FINISHES IN UROLOGY ROOMS.	1 OCT 76	1 JAN 77	MOD. COMPLETED.	HOSP. CREDIT \$4,000	82-P 28 DEC 76
15	ADD A PULMONARY FUNCTION LAB ON FLOOR 4.	12 SEPT. 77	—	ARCHITECT PROVIDED ESTIMATED COST. INCLUDE WORK IN LATER PHASE.	HOSP. \$17,640.00	OMIT
16	ADD ROOM TO FAMILY PRACTICE ON FLOOR 6.	5 NOV 76	1 JAN 77	MOD REJECTED 29 APRIL 1977	USER \$5,000	83-P 28 DEC 76
17	REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK.	28 OCT 76	1 JUL 77	MOD COMPLETED.	CONT. \$550	170-E 26 JULY 77
18	ROOF DESIGN CHANGE BY UoFM FOR COST SAVINGS.	17 NOV 76	1 MAR 77	MOD COMPLETED.	CONT. CREDIT (-)\$35,000.00	124-E 7 MARCH 1977
19	MISCELLANEOUS TELEPHONE CHANGES.	18 AUG 76	1 JAN 77	MOD COMPLETED.	CONT.	90-P 7 JAN 77
20	OMIT RADIOLOGY CASH ALLOWANCE.	14 OCT 76	4 MAR 77	MOD. COMPLETED. TOTAL (-) 45,000.00	HOSP. CREDIT	116-P 3 MARCH 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE DEC 14, 1977  
SHEET 3 OF 10

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22	MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS.	16 JUN 76	15 MAR 77	MOD COMPLETED.	CONT. \$15,000	125-P 16 MARCH 1977
23	INCREASE CEILING HT. IN ROOMS 1-380 & 381 TO 8'-0".	17 NOV 76	1 JUN 77	MOD COMPLETED.	CONT. \$ 400	156-P 21 JUNE 1977
24	ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W, REVISE EXISTING PIPING & DVCTS.	26 MAY 76	1 APR 77	GENERAL MOD DIVISION COMPLETE. (+) 641.00 MECHANICAL ON TIME & MATERIALS BASIC.	CONT. \$ 2500	128-A 29 MARCH 1977
25	REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK.	FIELD	15 JAN 77	MOD. COMPLETED.	CONT. MINIMUM	91-E 17 JAN 77
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DATE DEC 4, 1977  
SHEET 4 OF 10

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32	REVISION OF EAST DELAWARE STREET AREA BY UofM.	18 FEB 76	MAY 77	UofM WILL PREPARE MOD. IN SPRING OF 1977	CONT. + \$14,299.00	
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	MOD. COMPLETED	HOSP. \$900	112-P 28 FEB 77
36	CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11.	15 NOV. 76	1 FEB 77	MOD. COMPLETED.	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	MOD. COMPLETED.	HOSP.	97-P 1 FEB 77
38	PROVIDE RADIATION SUPPORTS IN SHELL SPACE	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$28,068	93-E 21 JAN 77
39	CHANGE DOORS AT ELECTRICAL VAULT ROOMS; B, 10, 15.	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$1,752	92-E 21 JAN 77
40	OMIT RESILIENT SUSPENSION SYSTEM IN CERTAIN AREAS	2 FEB 77	15 FEB 77	MOD. COMPLETED	CONT. CREDIT \$650	100-E 4 FEB 77



# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE DEC. 14, 1977  
SHEET 5 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
41	ELECTRICAL CONTRACTOR INSTALLED LUMEN SUPPLIED LIGHT FIXTURES.	FIELD 3 NOV 76	_____	MOD COMPLETED.	CONT. \$168	170-E 26 JULY 77
42	GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS.	FIELD 5 JAN 77	_____	NO MOD REQUIRED (SEPARATE W. PURCHASE ORDER)	UNIT A CONTRACTOR \$10,118	OMIT
43	MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMMODATE POWER FILES.	14 DEC 76	15 FEB 77	MOD COMPLETED.	CONT. CREDIT	104-P 14 FEB 77
44	ADD TWO PLASTIC LAMINATE FIRE HOSE CABINETS LOCATED AT B-91 AND 10-101.	19 JAN 77	15 FEB 77	MOD COMPLETED.	CONT.	99-A 2 FEB 77
45	OTONEUROLOGY PROCEDURES SUITE ADDITION FLOOR 8.	19 JAN 77	22 FEB 77	MODIFICATION REJECTED.	HOSP. \$68,270	110-P (OMIT) 24 FEB 77
46	UNIT B/C PHASE II INTERFACE MODIFICATION FLOORS 1 AND 2	28 JAN 77	15 FEB 77	MOD COMPLETED	HOSP.	98-P 2 FEB 77
47	ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7.	2 FEB 77	1 MAR 77	MOD REJECTED 6/22/77.	CONT/USER	105-P 16 FEB 77
48	MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	108-E 21 FEB 77
49	OMIT AUTOMATIC AIR VENTS ON HYDRONIC SUPPLY AND RETURN RISERS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	107-E 21 FEB 77
50	CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTOSCOPE/OPHTHALMOSCOPE.	2 FEB 77	1 APR 77	ARCHT. REVISION BY 15 MARCH 77 LETTER. NO MOD. REQUIRED.	HOSP.	OMIT

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE DEC. 14, 1977  
SHEET 6 OF 10

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	1 APR 77	MOD COMPLETED.		131-P 1 APRIL 77
52	FLOOR 2 OBERVATION WINDOW ADDITION.	2 FEB 77	1 APR 77	MOD COMPLETED		132-P 1 APRIL 77
53	FLOOR 8 E.N.T. CLINIC CHANGES INCLUDING THE ADDITION OF A FOLDING PARTITION	2 FEB 77	15 APR 77	MOD REJECTED 6/10/77		138-P 29 APRIL 77
54	REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS: BSM'T & FLOORS 10 & 15.	2 FEB 77		MOD COMPLETED		106-A 8 MAR. 77
55	REVISE PLAS. LAM. LOCKERS IN ROOMS 1-284 & 286 BY ADDING PADLOCK HASPS.	—	15 FEB 77	MOD COMPLETED.		103-P 14 FEB 77
56	OMIT CONCEALED SOAP DISPENSERS ON FIXTURES F-3B & F3-D ON EXAM ROOM LAVATORY SINKS.	10 FEB 77	15 FEB 77	MOD COMPLETED.		101-P 14 FEB 77
57	MODIFY CORE 26 ON FLOOR 9 TO ALLOW INSTALLATION OF ELECTRICAL PANELS.	17 FEB 77		MODIFICATION REJECTED.		113-E (OMIT) 28 FEB 77
58	MODIFY CONTROL ROOMS OF RADIOLOGY ROOMS; 1-232, 235, 240 AND 242.	18 FEB 77	7 MAR 77	MOD COMPLETED.		122-P 23/MARCH 77
59	OMIT MACHINE ROOM SLAB ABOVE FUTURE ELEVATOR NO. 1.	16 FEB 77	7 MAR 77	MOD 119-E REJECTED. (MECHANICAL WORK IN MOD. 135-A) (MOD. 135-A REJECTED)	—	OMIT
60	FIELD ORDER TO STOP INSTALL. OF PRECAST CONC. BENCHES IN WEST AREA			O. HUGHES TO ADVISE ARCH'T OF CHANGES DESIRED		

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE DEC. 14, 1977  
SHEET 7 OF 10

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	ADD ELEC. DISCONNECT SWITCH TO ELEV. CONTROLLERS FOR ELEV. 4, 5 & 6 PER LETTER BY STATE.	20 JAN 77	1 APR 77	MOD REJECTED 6/30/77		130-A 1 APRIL 77
62	ADJUST CASH ALLOWANCE FOR AUD. SEATING TO BID AMOUNT.	2 FEB 77	4 MAR 77	MOD. COMPLETED	CONT. CREDIT \$ 2,900	117-P 8 MARCH, 77
63	OMIT AIR COMPRESSOR FOR AUTOMATIC DOORS 1-61 & 296.	20 JAN 77	15 MAY 77	MOD COMPLETED.	CREDIT \$76500	148-A MAY 6 1977
64	CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. (ELECTRICAL WORK)			MOD REJECTED 6/30/77		141-P 28 APRIL 77
65	OMIT AIR BLENDERS FOR 100% OUTSIDE AIR UNITS S-1C AND S-18C.			MOD COMPLETED.	CREDIT	109-A 21 FEB 77
66	ALLOW MASON INDUSTRIES TYPE ESN FLOATING FLOOR SYSTEM IN AIR CHAMBERS	2 FEB 77	15 APR 77	MOD. COMPLETED.	CREDIT \$ 1,200	137-A 19 APRIL, 77
67	ADD CEILING ACCESS PANELS PER FIELD DIRECTION.	4 JAN 77	FIELD	UOFM TO ADVISE ARCH'T OF QUANTITY AND COST.		
68	REVISE FOUR METAL SERVICE PANELS IN ROOM 9-155 TO ACCOMMODATE FOUR C-2 FIXTURES.	31 AUG 76	---	NO MOD. REQUIRED		OMIT
69	CHANGE SERVICE SINK PROVISION IN ROOM 1-78- TRASH/JANITOR.	30 MARCH 77	15 APRIL 77	MOD COMPLETED.		139-A 20 APRIL, 77
70	UNIT B/C PHASE II INTERFACE MOD. FLOOR 9	28 JAN 77	21 MAR 77	MOD COMPLETED.		129-P 12 APRIL 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE DEC. 14, 1977  
SHEET 8 OF 10

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	PROVIDE MIRRORS & COAT HOOKS IN AMBULATORY SURGERY ROOMS 1-301, 302, 303	31 AUG 76	1 APR 77	MOD COMPLETED		133-P 5 APRIL 77
72	PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370	—	1 APR. 77	MOD COMPLETED		127-A 18 MARCH 1977
73	REVISE DELAWARE STREET GRATINGS FOR DRAINS ON GRIDS E5 AND E15.	24 FEB 77	1 APR 77	MOD. COMPLETED.	CONT. \$ 946	134-E 5 APRIL 77
74	ADD ACOUSTIC INSULATION TO FLOOR 15 AIR CHAMBERS	1 MAR 77	1 MAY 77	MOD COST/CREDIT UNDER NEGOTIATION W/ CONTR.		
75	PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE MGMT. CONTROL ROOM.		1 APR. 77	MOD COMPLETED		126-E 18 MARCH 1977
76	REVERSE SWING OF DOORS 2-52 SECOND FLOOR WEST FROM MAYO TO PEDESTRIAN LINK FOR EXIT PURPOSE.	16 MARCH 77	1 JUL. 77	MOD COMPLETED.		164-P 19 JULY 1977
77	ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121.	30 MARCH 77		MOD COMPLETED.	\$ 1300.00	149-P 9 MAY 1977
78	MOVE AND SEATING CHANGES TO ROOM 2-104 CHEMICAL AUDITORIUM.	5 APRIL 1977	15 APRIL 77	MOD. COMPLETED (ELEC. ON T&M BASIS)		136-A 12 APRIL 1977
79	ADD PROVISIONS FOR RELAY ROOM 2-94.	30 MARCH 1977	1 MAY 77	MOD. COMPLETED.		144-P 2 MAY 77
80	ADD OBSERVATION WINDOW BTWN. EXAM ROOMS 4TH FLOOR PEDIATRICS CLINIC.	31 MARCH 77		MOD COMPLETED.		140-P 18 APRIL 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE DEC. 14, 1977  
SHEET 9 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
81	ADD CASEWORK TO HOSPITAL CLASS ROOM 9-138.	30 MARCH '77 23 MAY '77 HSPD LETTER		GENERAL PORTION COMPLETE, ELECTRICAL REJECTED & WILL BE BY OTHERS.		159-P 24 JUNE 77
82	UNIT B/C PHASE II INTERFACE - MOD. FLOORS 1, 2, 8, 9.		MAY 15, '77	MOD COMPLETED.		154-P 15 JUNE 77
83	ADD STEEL BOLLARDS FOR PIPE PROTECTION IN EXIST. MAYO GARAGE.			MOD REJECTED 6/24/77		151-E 20 MAY 77
84	PROVIDE TEMPORARY ELEVATOR NO 1 FOR FUTURE CONSTRUCTION HOLSTINE FOR FINISHING SHELL SPACE.			MOD COMPLETED.		152-P 13 JUNE 77
85	VARIOUS ELECTRICAL CONTRACT COORDINATION ITEMS.			MOD COMPLETED.	(+)1750 <sup>00</sup>	153-A 24 MAY 77
86	REVISION TO FLOORS 3 and 8 TO ACCOMMODATE CHILDRENS PSYCHIATRY.	29 JUNE '77		MOD COMPLETED.		166-P (FL. 8) 167-P (FL. 3) 25 JULY 77
87	REVISE THE FUEL OIL PIPING SYSTEM.			MOD COMPLETED.		157-A 8 JUNE 77
88	PHARMACY AREA FLOOR 2 SECURITY PROVISIONS	13 JUNE '77		GENL. (T & M) ELEC. (T & M)		165-P 18 JULY 1977
89	OMIT VAT & VINYL IN CERTAIN AREAS FOR SUBSTITUTION OF GROUP II CARPET.	20 JUNE '77 HSPD LETTER		MOD COMPLETED.	HOSP. (+)2550.00	163-P 15 JULY 77
90	MISCELLANEOUS GENERAL AND ELECTRICAL REVISIONS TO ACCOMMODATE ELECTRICAL ITEMS (4)			MOD REJECTED 11/16/77		172-A 8 AUG. 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE DEC. 14, 1977  
SHEET 10 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
91	REVISE STEEL CONNECTION AT 5TH FLOOR LINK TO MAYO TO AVOID CONFLICTS WITH EXISTING ITEMS.			GENERAL MOD COMPLETE, MECHANICAL CONTRACTOR TEAM, ELECTRICAL CONTRACTOR NO CHG.		185-E 18 OCT. 1977
92	FOUR EAST WALL OF LOCKER RM. 1-354 TO ENCLOSE EXISTING REMAINING ELEC. CONDUIT.			CONTRACTORS COSTING APPROVED MOD.		191-E 30 NOV. 1977
93	REVISE CEILING SERVICE PANELS RMs. 3-165, 166, 167, & 168 TO ACCOMMODATE INCANDESCENT FIXTURES.			GENERAL WORK PROCEEDING ON TEAM BASIS.		186-A 21 OCT. 1977
94	REVISE THE CLINIC RECEPTION AREA COUNTERS.			CONTRACTORS COSTING APPROVED MOD.		197-P 30 NOV. 1977
95	RAISE EXAM ROOM DESK SHELVES FROM 36" TO 48" HEIGHT. (APPROX. 90 OF 180 SHELVES).	NOV. 7, 1977 HSHO LETTER.		CONTRACTORS COSTING APPROVED MOD.		192-P 30 NOV. 1977
96	REVISE TRIM AND ACCESSORIES FOR EQUIPMENT ITEM S401 BOTTLE FILLING STATION RM. M-15.			CONTRACTOR SIGNING APPROVED MOD.	NO COST CHANGE.	198-P 2 DEC. 1977
97	PROVIDE HEATING IN CEILING SPACE OF ROOM 1-44, F.A. INTAKE TO PREVENT EXIST. PIPES FREEZING.			ARCHITECT TO PREPARE MOD.		
98						
99						
100						

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: 14 December 1977  
SUBJECT: Unit B/C Progress Meeting  
PRESENT: Messrs; Maupin, Kogl, Nelson, Swanson, Dickler, Kujawa and Carlson.  
NOTE: Next Progress Meeting 11 January 1978 at 10:00 A.M.

ITEM

✓ 1. Project Schedule

HSPD will meet Friday with the Users of the Basement Arts/Photography Area to discuss the proposed mid-January move-in. The Contractor indicates that ceiling components for this area will not be available for two months. The late installation may therefore cause problems with User equipment in this area.

The proposed mid-January move into Floor 11 is acceptable to the User.

The proposed mid-January to end of February move into Floor 12 is acceptable to the User.

Delivery of new furnishings remains a problem to the occupancy schedule.

✓ 2. Status of Proposed Changes and Modifications

The Monitoring Schedule dated December 14, 1977 was reviewed with the following comments:

A. There were two new changes added to the list since November 30, 1977.

✓ 2. (Continued)

B. The status of changes are as follows:

1. U of M to provide requirements to Architects .....	6
2. Architects to prepare Mod .....	10
3. HSPO reviewing Mod. for approval.	0
4. Contractors costing approved Mod.	42
5. Change completed as a Mod .....	6467
*6. Other condition .....	2120
7. Architect/University evaluating costs.....	12
<u>TOTAL</u>	<u>97</u>

\*"Other condition" includes thirteen modifications which have been rejected.

✓ 3. Contingency Report

The "Unit B/C Funding Report" dated December 14, 1977 was issued indicating a contingency balance of (-) \$63,534.00.

If changes 32 and 34 are included, the contingency balance will be (-) \$75,333.00.

✓ 4. Unit B/C Phase II Work

The University expects to award the Contract to the apparent low bidder, Arkay Construction Company, possibly within 10 days. (copy of contract awarded Feb. 6, 1978)

✓ 5. Diehl Hall Remodeling

The University Master-Planning Sub-Committee must obtain project approval from H.E.W. The Committee expects to recommend action shortly.

User occupancy of Unit B/C Floor 12 is linked to the vacation of Diehl Hall remodeled areas.

✓ 6. MTS Contract Status

No comments.

✓ 7. Food Service on Floors

HSPO is about ready to issue a proceed order and program information.

✓ 8. Lock Keying Schedule

The schedule is complete with the exception of a few areas. University Shops are presently making the keys for the Basement, Floor 11 and Floor 12.

✓ 9. Trash Handling

The trash handling study will be financed out of funds provided by the University Master Planning Committee and not from HSPO funding as previously reported in the November 30th minutes.

HSPO will perform an in-house evaluation prior to beginning work with the Consultant.



✓9. (Continued)

The Architects have redefined the route of the proposed pneumatic trash conveyer system through the Unit B/C Basement West area. The Construction Coordinator will work with the Mechanical Contractor to determine the ramifications.

✓10. Fire Management System

The Electrical Contractor has all the necessary information.

✓11. Clinic Reception Areas

The Contractor is still in the process of preparing a quotation for these changes. MOD. 197P

✓12. South and West Plaza Areas

The Contractor has not completed these areas according to the project schedule, but has, however, indicated that temporary provisions could be made to allow the areas to be opened to pedestrian traffic. No firm completion date has been provided recently.

The Contractor is agreeable to fencing off half the area below the Fifth Floor link to Mayo to facilitate pedestrian traffic below.

✓13. Floor 8 Audiometric Rooms

The new Department Director has indicated a desire to ~~change~~ the audiometric room light fixtures from overhead to sidewall incandescent types. The University will work with IAC after occupancy of these spaces to make the requested changes.

cc: Meeting Attendees  
Clinton Hewitt  
Ms. Gensmer  
D. Blanchard  
J. Patterson

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JAN. 11, 1978  
SHEET 1 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
1	ADDITIONAL CASEWORK IN AUDIOLOGY CLINIC - ROOM 8-157	23 JUN 76	1 FEB 77	MOD. COMPLETED.	HOSP. \$2,200	.95-P 11 FEB 77
2	SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1.	26 MAY 76	1 JUL 77	MOD COMPLETED	HOSP. \$2,500	160-P 8 JULY 77
3	ENT. CLINIC AREA REDESIGN ON FLOOR 8.	22 DEC 76	1 FEB 77	MOD COMPLETED.	HOSP. (MAXIMUM) \$15,000	96-P 1 FEB 77
4	ADD CONTROL DOORS IN TUNNEL CORR. TO RADIOLOGY ON FLOOR 2.	17 NOV 76	1 JUL 77	MOD COMPLETED.	HOSP. \$1,500	164-P 19 JULY 1977
5	GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.R. - FLOOR 2.	17 NOV. 76	1 MAR 77	MOD. COMPLETED.	HOSP. \$6,000	111-P 28 FEB 77
6	DELETE S.N.R. IN CERTAIN CLINIC TOILET ROOMS.	17 JUL. 76	15 DEC 77	MOD. COMPLETED	CONT. CREDIT	77-P 15 DEC 77
7	REVISED DESIGN FOR FLOORS 3 & 4. GUARDRAIL PROVISION.	13 OCT 76	1 MAY 77	MOD REJECTED 7/7/77.	HOSP. \$7,500	147-P 25 MAY 77
8	LIGHTING CHANGES IN CLINICS.	19 JAN 77	15 FEB 77	MOD COMPLETED.	HOSP.	102-P 16 FEB 77
9	ADDITION OF INTRUSION DETECTION SECURITY SYSTEM. DOOR PROVISIONS ONLY.	20 DEC 76	22 FEB 77	MOD REJECTED 11 MAY 1977. FL. 9 TO BE T&M	HOSP.	121-P 4 MARCH 77
10	LEAD SHIELDING FOR DOOR NO. 1-240.	11 AUG 76	15 DEC 76	MOD. COMPLETED	HOSP. \$1,000	78-P 15 DEC 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JAN. 11 1978  
SHEET 2 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
11	PLAZA WATERPROOFING DESIGN CHANGE.	18 AUG 76	1 MAR 77	CONST. COORDINATOR NEGOTIATING CONTRS. PROPOSED CREDIT (-) 33,574.00	CONT. CREDIT \$40,000	123-E 7 MARCH 77
12	LEAD SHIELDING IN FLOOR OF ROOM 3-141.	29 SEP 76	1 JUL 77	MOD COMPLETED.	HOSP. \$3,000	162-P 8 JULY 1977
13	ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76.	31 AUG 76	1 JAN 77	80 - CONTRACTOR COSTING 81 & 85 - MOD. COMPLETED. 86, 87, 88 - TIME AND MATLS. 84 & 89 - REJECTED.	HOSP \$7,600	80, 81, 84, 85, 86, 87, 88, 89 1 JAN 77
14	DELETE CASEWORK AND SPECIAL FINISHES IN UROLOGY ROOMS.	1 OCT 76	1 JAN 77	MOD. COMPLETED.	HOSP. CREDIT \$4,000	82-P 28 DEC 76
15	ADD A PULMONARY FUNCTION LAB ON FLOOR 4.	12 SEPT. 77	—	ARCHITECT PROVIDED ESTIMATED COST. INCLUDES WORK IN LATER PHASE.	HOSP. \$17,640.00	OMIT
16	ADD ROOM TO FAMILY PRACTICE ON FLOOR 6.	5 NOV 76	1 JAN 77	MOD REJECTED 29 APRIL 1977	USER \$5,000	83-P 28 DEC 76
17	REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK.	28 OCT 76	1 JUL 77	MOD COMPLETED.	CONT. \$550	170-E 26 JULY 77
18	ROOF DESIGN CHANGE BY UoM FOR COST SAVINGS.	17 NOV 76	1 MAR 77	MOD COMPLETED.	CONT. CREDIT (-) 35,000.00	124-E 7 MARCH 1977
19	MISCELLANEOUS TELEPHONE CHANGES.	18 AUG 76	1 JAN 77	MOD COMPLETED.	CONT.	90-P 7 JAN 77
20	OMIT RADIOLOGY CASH ALLOWANCE.	14 OCT 76	4 MAR 77	MOD. COMPLETED. TOTAL (-) 45,000.00	HOSP. CREDIT	116-P 3 MARCH 1977

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JAN. 11, 1978  
SHEET 3 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
21	FLOOR 2 ADMISSIONS AREA CHANGE PER PHASE II PLANS.	19 JAN 77	4 MAR 77	MOD COMPLETED.	HOSP.	.120-P 25 MARCH 1977
22	MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS.	16 JUN 76	15 MAR 77	MOD COMPLETED.	CONT. \$15,000	125-P 16 MARCH 1977
23	INCREASE CEILING HT. IN ROOMS 1-380 & 381 TO 8'-0".	17 NOV 76	1 JUN 77	MOD COMPLETED.	CONT. \$400	156-P 21 JUNE 1977
24	ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W, REVISE EXISTING PIPING & DVCTS.	26 MAY 76	1 APR 77	GENERAL MOD DIVISION COMPLETE. (+) 641.00 MECHANICAL ON TIME & MATERIALS BASIC.	CONT. \$2,500	128-A 29 MARCH 1977
25	REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK.	FIELD	15 JAN 77	MOD. COMPLETED.	CONT. MINIMUM	91-E 17 JAN 77
26	FILM ILLUMINATOR CHANGE.	17 NOV. 76	1 MAR 77	NO CHANGE IS REQ'D		OMIT
27	REVISE TEMP. CONTROLS FOR CHILLER PUMPS IN UNIT A.	17 AUG 76	1 JAN 77	MOD COMPLETED	CONT. CREDIT \$10,000	79-E 15 DEC 76
28	OMIT ALL FIELD PAINTING OF STRUCTURAL STEEL.	20 MAY 76	1 MAR 77	MOD. COMPLETED.	CONT. CREDIT \$5,700	115-E 1 MAR 77
29	WEST PLAZA DRAINAGE SYSTEM PROVISIONS	17 NOV. 76	1 MAR 77	MOD. COMPLETED.	CONT.	114-E 28 FEB 77
30	OMIT STAINLESS STEEL FLASHING RELATED TO PLAZA CONSTRUCTION.	17 NOV. 76	1 MAR. 77	MOD. COMPLETED.	CONT. CREDIT \$10,400	118-E 1 MAR 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JAN. 11 1978  
SHEET 4 OF 10

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 A 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. \$14,275.00	
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	MOD. COMPLETED	HOSP. \$ 900	112-P 28 FEB 77
36	CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11.	15 NOV. 76	1 FEB 77	MOD. COMPLETED.	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	MOD. COMPLETED.	HOSP.	97-P 1 FEB 77
38	PROVIDE RADIATION SUPPORTS IN SHELL SPACE	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$ 28,068	93-E 21 JAN 77
39	CHANGE DOORS AT ELECTRICAL VAULT ROOMS; B, 10, 15.	10 JAN 77	1 FEB 77	MOD. COMPLETED	CONT. \$ 1,752	92-E 21 JAN 77
40	OMIT RESILIENT SUSPENSION SYSTEM IN CERTAIN AREAS	2 FEB 77	15 FEB 77	MOD. COMPLETED	CONT. CREDIT \$ 650	100-E 4 FEB 77

# UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JAN. 11, 1978  
SHEET 5 OF 10

NO.	DESCRIPTION OF PROPOSED CHANGE	DATE CHANGE APPROVED	ISSUE DATE REQ'D.	PROCESSING STATUS OF CHANGE	FUNDING SOURCE EST. COST	MOD. NO. & DATE ISSUED
41	ELECTRICAL CONTRACTOR INSTALLED UOFM SUPPLIED LIGHT FIXTURES.	FIELD 3 NOV 76	_____	MOD COMPLETED.	CONT. \$ 168	170-E 26 JULY '77
42	GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS.	FIELD 5 JAN 77	_____	NO MOD REQUIRED (SEPARATE U. PURCHASE ORDER)	UNIT A CONTRACTOR \$10,118	OMIT
43	MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES.	14 DEC 76	15 FEB 77	MOD COMPLETED.	CONT. CREDIT	104-P 14 FEB 77
44	ADD TWO PLASTIC LAMINATE FIRE HOSE CABINETS LOCATED AT B-91 AND 10-101.	19 JAN 77	15 FEB 77	MOD COMPLETED.	CONT.	99-A 2 FEB 77
45	OTONEUROLOGY PROCEDURES SUITE ADDITION FLOOR 8.	19 JAN 77	22 FEB 77	MODIFICATION REJECTED.	HOSP. \$68,270	110-P (OMIT) 24 FEB 77
46	UNIT B/C PHASE II INTERFACE MODIFICATION FLOORS 1 AND 2	28 JAN 77.	15 FEB 77	MOD COMPLETED	HOSP.	98-P 2 FEB 77
47	ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7.	2 FEB 77	1 MAR 77	MOD REJECTED 6/22/77.	CONT/USER	105-P 16 FEB 77
48	MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	108-E 21 FEB 77
49	OMIT AUTOMATIC AIR VENTS ON HYDRONIC SUPPLY AND RETURN RISERS (FIELD DIRECTION)	2 FEB 77	22 FEB 77	MOD COMPLETED.	CONT. CREDIT	107-E 21 FEB 77
50	CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTOSCOPE / OPHTHALMOSCOPE	2 FEB 77	1 APR 77	ARCHT. REVISION BY 15 MARCH 77 LETTER. NO MOD. REQUIRED.	HOSP.	OMIT

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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	1 APR 77	MOD COMPLETED.		131-P 1 APRIL 77
52	FLOOR 2 OBERVATION WINDOW ADDITION.	2 FEB 77	1 APR 77	MOD COMPLETED		132-P 1 APRIL 77
53	FLOOR 8 E.N.T. CLINIC CHANGES INCLUDING THE ADDITION OF A FOLDING PARTITION	2 FEB 77	15 APR 77	MOD REJECTED 6/10/77		138-P 29 APRIL 77
54	REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS; BSM'T & FLOORS 10 & 15.	2 FEB 77		MOD COMPLETED		106-A 8 MAR. 77
55	REVISE PLAS. LAM. LOCKERS IN ROOMS 1-284 & 286 BY ADDING PADLOCK HASPS.	—	15 FEB 77	MOD COMPLETED.		103-P 14 FEB 77
56	OMIT CONCEALED SOAP DISPENSERS ON FIXTURES F-3B & F3-D ON EXAM ROOM LAVATORY SINKS.	10 FEB 77	15 FEB 77	MOD COMPLETED.		101-P 14 FEB 77
57	MODIFY CORE 26 ON FLOOR 9 TO ALLOW INSTALLATION OF ELECTRICAL PANELS.	17 FEB 77		MODIFICATION REJECTED.		113-E (OMIT) 28 FEB 77
58	MODIFY CONTROL ROOMS OF RADIOLOGY ROOMS; 1-232, 235, 240 AND 242.	18 FEB 77	7 MAR 77	MOD COMPLETED.		122-P 23 MARCH 77
59	OMIT MACHINE ROOM SLAB ABOVE FUTURE ELEVATOR NO. 1.	16 FEB 77	7 MAR 77	MOD 119-E REJECTED. (MECHANICAL WORK IN MOD. 135-A) (MOD. 125-A REJECTED)	—	OMIT
60	FIELD ORDER TO STOP INSTALL. OF PRECAST CONC. BENCHES IN WEST AREA			O. HUGHES TO ADVISE ARCH'T OF CHANGES DESIRED		

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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	ADD ELEC. DISCONNECT SWITCH TO ELEV. CONTROLLERS FOR ELEV. 4, 5 & 6 PER LETTER BY STATE.	20 JAN 77	1 APR 77	MOD REJECTED 6/30/77		130-A 1 APRIL 77
62	ADJUST CASH ALLOWANCE FOR AUD. SEATING TO BID AMOUNT.	2 FEB 77	4 MAR 77	MOD. COMPLETED	CONT. CREDIT \$ 2,900	117-P 8 MARCH 77
63	OMIT AIR COMPRESSOR FOR AUTOMATIC DOORS 1-61 & 296.	20 JAN 77	15 MAY 77	MOD COMPLETED.	CREDIT \$ 7,650.00	148-A MAY 6 1977
64	CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. (ELECTRICAL WORK)			MOD REJECTED 6/30/77		141-P 28 APRIL 77
65	OMIT AIR BLENDERS FOR 100% OUTSIDE AIR UNITS S-1C AND S-18C.			MOD. COMPLETED.	CREDIT	109-A 21 FEB 77
66	ALLOW MASON INDUSTRIES TYPE ESN FLOATING FLOOR SYSTEM IN AIR CHAMBERS	2 FEB 77	15 APR 77	MOD. COMPLETED.	CREDIT \$ 1,200	137-A 19 APRIL 77
67	ADD CEILING ACCESS PANELS PER FIELD DIRECTION.	4 JAN 77	FIELD	UOFM TO ADVISE ARCH'T OF QUANTITY AND COST.		
68	REVISE FOUR METAL SERVICE PANELS IN ROOM 9-155 TO ACCOMMODATE FOUR C-2 FIXTURES.	31 AUG 76	—	NO MOD. REQUIRED		OMIT
69	CHANGE SERVICE SINK PROVISION IN ROOM 1-78 - TRASH/JANITOR.	30 MARCH 77	15 APRIL 77	MOD COMPLETED.		139-A 20 APRIL 77
70	UNIT B/C PHASE II INTERFACE MOD. FLOOR 9	28 JAN 77	21 MAR 77	MOD COMPLETED.		129-P 12 APRIL 1977



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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	PROVIDE MIRRORS & COAT HOOKS IN AMBULATORY SURGERY ROOMS 1-301, 302, 303	31 AUG 76	1 APR 77	MOD COMPLETED		133-P 5 APRIL 77
72	PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370	—	1 APR. 77	MOD COMPLETED		127-A 18 MARCH 1977
73	REVISE DELAWARE STREET GRATINGS FOR DRAINS ON GRIDS E3 AND E5.	24 FEB 77	1 APR 77	MOD. COMPLETED.	CONT. \$ 946	134-E 5 APRIL 77
74	ADD ACOUSTIC INSULATION TO FLOOR 15 AIR CHAMBERS	1 MAR 77	1 MAY 77	MOD COST/CREDIT UNDER NEGOTIATION W/ CONTR.		
75	PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE MGMT. CONTROL ROOM.		1 APR. 77	MOD COMPLETED		126-E 18 MARCH 1977
76	REVERSE SWING OF DOORS 2-52 SECOND FLOOR WEST FROM MAYO TO PEDESTRIAN LINK FOR ENT PURPOSE	16 MARCH 77	1 JUL. 77	MOD COMPLETED.		164-P 19 JULY 1977
77	ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121.	30 MARCH 77		MOD COMPLETED.	\$ 1300.00	149-P 1 MAY 1977
78	ISLE AND SEATING CHANGES TO ROOM 2-104 CLINICAL AUDITORIUM.	5 APRIL 1977	15 APRIL 77	MOD. COMPLETED (ELEC. ON T&M BASIS)		136-A 12 APRIL 1977
79	ADD PROVISIONS FOR RELAY ROOM 2-94.	30 MARCH 1977	1 MAY 77	MOD COMPLETED.		144-P 21 MAY 77
80	ADD OBSERVATION WINDOW BTWN. EXAM ROOMS 4TH FLOOR PEDIATRICS CLINIC.	31 MARCH 77		MOD COMPLETED.		140-P 18 APRIL 77

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81	ADD CASEWORK TO HOSPITAL CLASS ROOM 9-138.	30 MARCH '77 23 MAY 77 HSPD LETTER		MOD. COMPLETED.		159-P 24 JUNE 77
82	UNIT B/C PHASE II INTERFACE - MOD. FLOORS 1, 2, 8, 89.		MAY 15, '77	MOD COMPLETED.		154-P 15 JUNE 77
83	MOD STEEL BOLWARDS FOR PIPE PROTECTION IN EXIST. MAYO GARAGE.			MOD REJECTED 6/21/77		151-E 20 MAY 77
84	PROVIDE TEMPORARY ELEVATOR NO 1 FOR FUTURE CONSTRUCTION HOISTING FOR FINISHING SHELL SPACE.			MOD COMPLETED.		152-P 13 JUNE 77
85	VARIOUS ELECTRICAL CONTRACT COORDINATION ITEMS.			MOD COMPLETED.	(#175) -	153-A 24 MAY 77
86	REVISION TO FLOORS 3 and 8 TO ACCOMMODATE CHILDRENS PSYCHIATRY.	29 JUNE '77		MOD COMPLETED.		166-P (FWS) 167-P (FLIC) 25 JULY 77
87	REVISE THE FUEL OIL PIPING SYSTEM.			MOD COMPLETED.		157-A 8 JUNE 77
88	PHARMACY AREA FLOOR 2 SECURITY PROVISIONS	13 JUNE '77		GENL. (T & M) ELEC. (T & M)		165-P 18 JULY 1977
89	OMIT VAT & VINYL IN CERTAIN AREAS FOR SUBSTITUTION OF GRUP II CARPET.	20 JUNE 77 HSAE LETTER		MOD COMPLETED.	HSAE (#250000)	163-M 15 JULY 77
90	MISCELLANEOUS GENERAL AND ELECTRICAL REVISIONS TO ACCOMMODATE ELECTRICAL ITEMS(4)			MOD REJECTED 11/16/77		172-A 8 AUG. 1977

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91	REVISE STEEL CONNECTION AT 5TH FLOOR LINK TO MAYO TO AVOID CONFLICTS WITH EXISTING ITEMS.			GENERAL MOD COMPLETE, MECHANICAL CONTRACTOR TERM, ELECTRICAL CONTRACTOR NO CHG.		185-E 18 OCT. 1977
92	FURN. EAST WALL OF LOCKER RM. 1-354 TO ENCLOSE EXISTING REMAINING ELEC. CONDUIT.			ARCHT. / WOFM EVALUATING COST.		191-E 30 NOV. 1977
93	REVISE CEILING SERVICE PANELS RMS. 3-165, 166, 167, & 168 TO ACCOMMODATE INCANDESCENT FIXTURES.			MOD. COMPLETED.	(\$) <sup>+</sup> 286.00	186-A 21 OCT. 1977
94	REVISE THE CLINIC RECEPTION AREA COUNTERS.			CONTRACTORS CASTING APPROVED MOD.		197-P 30 NOV. 1977
95	RAISE EXAM ROOM DESK SHELVES FROM 36" TO 48" HEIGHT. (APPROX. 90 OF 180 SHELVES).	NOV. 7, 1977 HSFO LETTER.		MOD. COMPLETED.	\$ <sup>+</sup> 6052.00	192-P 30 NOV. 1977
96	REVISE TRIM AND ACCESSORIES FOR EQUIPMENT ITEM S401 BOTTLE FILLING STATION RM. M-15.			MOD. COMPLETED.	NO COST CHANGE.	198-P 2 DEC. 1977
97	PROVIDE HEATING IN CEILING SPACE OF ROOM 1-44, F.A. INTAKE TO PREVENT EXIST. PIPES FREEZING.			CONTR. CASTING APPROVED MOD.		199-E 10 JAN. 1978
98						
99						
100						