

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: 19 January 1977
 SUBJECT: Unit B/C Progress Meeting.

PRESENT: Messrs; Maupin, Kogi, Nelson, Swanson, Dickler, Scott,
 Campbell, Zeller, Blanchard, and Ms. Satorius.

NOTE: Next Progress Meeting Wednesday February 2, 1977 at 10:00 AM.

* Meeting of Paul,
 ...
 ...

* Meeting ...
 ...

* Medical Arts ...
 ...

| ITEM | ACTION/RESPONSE |
|--|---|
| ✓ 1. Project Schedule. | An updated project schedule is not available at this time. Floors 11 and 12 are currently 29 working days behind schedule with substantial completion for those floors set at 25 September 1977. NOV. 9, 77? |
| ✓ 2. Status of Proposed Changes and Modifications. | <p>The current status of all proposed changes is indicated on the Monitoring Schedule dated 19 January 1977.</p> <ul style="list-style-type: none"> a. The U of M has approved the costs for Mods. 52-P, 53-P and 56-P. b. Mod. 90-P approved by HSPO for costing. c. Change No. 22 - Unit A Elevator No. 11 <ul style="list-style-type: none"> 1. Shop drawing time 8 weeks. 2. Fabrication/Delivery time 16 weeks. 3. Installation time 4 weeks. The Mod. should be issued as soon as possible. Phase II provisions should be included. d. Change No. 21 - Floor 2 Admissions Area <ul style="list-style-type: none"> 1. Resolution subject to Phase II direction. 2. Phase I Mod. required in any case. |
| ✓ 3. Vernitron Sterilizers. | HSPO will provide a response to the Contractor's response to the Users final questions. |
| ✓ 4. Proposed Lighting Changes in Clinics. | HSPO has sent a letter to the Architect describing the changes desired. |

| ITEM | ACTION/RESPONSE |
|--|--|
| ✓5. Contractor Sub/Mat Lists. | The lists are complete except for minor items to be resolved. |
| ✓6. Color/Material Selection. | The Architect needs confirmation on the color palette previously approved. The Architect is prepared to review the remaining color selections with the U of M for approval. |
| ✓7. Contingency Fund. | The contingency fund has \$123,000 not including deductions for recently approved add changes. |
| ✓8. Unit B/C Phase II Work. | <p>The status of the Phase II work is as follows:</p> <ul style="list-style-type: none"> a. Intent is to bid all work possible. b. Bid documents to be ready for U of M review in June. c. A schedule for the work is to be developed. d. The work is to be phased to accommodate occupancy needs. e. Floor 15 can accommodate hotel occupancy. |
| ✓9. Diehl Hall Remodeling. | The Architect is prepared to meet with HSP0 to review construction costs as presented in the Architect's memo dated 29 November 1976. |
| ✓10. Auditorium Seating. | <p>Bids were received for 7 chairs on 11 January 1977.</p> <ul style="list-style-type: none"> a. Low Bid - \$23,539.00 b. High Bid - \$37,505.34 <p>Samples will be submitted for evaluation during the week of 24 January 1977.</p> |
| ✓11. JOML-A Change Order and Unit B/C Mod. 61-P. | Both items are now in process. |
| ✓12. Modification Procedures. | HSP0 will send out revised document shortly. |
| ✓13. Mayo Hospital Entrance Remodeling. | Work is in progress. <i>(construction to be completed by _____)</i> |
| ✓14. M.T.S. Contract Status. | TAC will write a letter outlining the contract responsibilities. TAC will be reviewing the proposed M.T.S. routing this week. The M.T.S. Contractor will begin site work next week. |
| ✓15. Unit A and C Floor Elevation Relationships. | The U of M has checked the Unit A and C Floor elevations and Unit C does vary from Unit A. The maximum variation is less than 2 inches. The Architect requested that the window sill relationship to the floor be checked in Unit C. |

NOTE: Monitoring Schedule of Proposed Changes dated 2 February 1977 is attached.

cc: Meeting Attendees
Clinton Hewitt

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 2 FEB 1977
SHEET 1 OF 5

| 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 | ARCH'T. TO PREPARE MOD. | HOSP. \$2,200 | .95-P 1 FEB 77 |
| 2 | SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1. | 26 MAY 76 | 1 JUL 77 | ARCH'T. TO PREPARE MOD. | HOSP. \$2,500 | |
| 3 | ENT. CLINIC AREA REDESIGN ON FLOOR 8. | 22 DEC 76 | 1 FEB 77 | ARCH'T TO PREPARE MOD. WILL BE ISSUED BEFORE 1 FEB 77 | 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 | ARCH'T. TO DEVELOP A DESIGN SOLUTION FOR APPROVAL | HOSP. \$1,500 | |
| 5 | GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.R. - FLOOR 2. | 17 NOV. 76 | 1 MAR 77 | ARCH'T TO FINALIZE MOD. BASED UPON HSPD REVIEW COMMENTS | HOSP. \$6,000 | |
| 6 | DELETE S.N.R. IN CERTAIN CLINIC TOILET ROOMS. | 17 JUL. 76 | 15 DEC 77 | ARCH'T REVIEWING COST DEDUCT \$334. | CREDIT | 77-P 15 DEC 77 |
| 7 | REVISED DESIGN FOR FLOORS 3 & 4. GUARDRAIL PROVISION. | 13 OCT 76 | 1 MAY 77 | ARCH'T. TO PREPARE MOD. | HOSP. \$7,500 | |
| 8 | LIGHTING CHANGES IN CLINICS. | 19 JAN 77 | 15 FEB 77 | ARCH'T TO PREPARE MOD. | HOSP. | |
| 9 | ADDITION OF INTRUSION DETECTION SECURITY SYSTEM. DOOR PROVISIONS ONLY | 20 DEC 76 | 15 FEB 77 | ARCH'T TO PREPARE MOD.. EXPECT MOD. TO BE ISSUED 15 FEB 77 | HOSP. | |
| 10 | LEAD SHIELDING FOR DOOR NO. 1-240. | 11 AUG 76 | 15 DEC 76 | ARCH'T REVIEWING COST | \$1,226 | 78-P 15 DEC 77 |

UNIT B/C - PROPOSED CHANGES/MODIFICATIONS MONITORING SCHEDULE

DATE 2 FEB 1977
SHEET 2 OF 5

| 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 | ARCH'T TO PREPARE MOD. | CONT. CREDIT \$40,000 | |
| 12 | LEAD SHIELDING IN FLOOR OF ROOM 3-141. | 29 SEP 76 | 1 JUL 77 | ARCH'T TO PREPARE MOD. | HOSP. \$3,000 | |
| 13 | ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76. | 31 AUG 76 | 1 JAN 77 | CONTRACTORS COSTING. | 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 | CONTRACTORS COSTING | HOSP. CREDIT \$4,000 | 82-P 28 DEC 76 |
| 15 | ADD A PULMONARY FUNCTION LAB ON FLOOR 4. | HOLD | | HSP0/USER MUST RESOLVE PROGRAM CHANGE NEEDED. | HOSP. | |
| 16 | ADD ROOM TO FAMILY PRACTICE ON FLOOR 6. | 5 NOV 76 | 1 JAN 77 | CONTRACTORS COSTING | \$5,000 | 83-P 28 DEC 76 |
| 17 | REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK. | 28 OCT 76 | 1 JUL 77 | ARCH'T. TO PREPARE MOD. | CONT. \$550 | |
| 18 | ROOF DESIGN CHANGE BY UoFM FOR COST SAVINGS. | 17 NOV 76 | 1 MAR 77 | UoFM EVALUATING CONTRACTOR SPECIFICATION AND GUARANTEE. | CONT. CREDIT | |
| 19 | MISCELLANEOUS TELEPHONE CHANGES. | 18 AUG 76 | 1 JAN 77 | CONTRACTORS COSTING | | 90-P 7 JAN 77 |
| 20 | OMIT RADIOLOGY CASH ALLOWANCE. | 14 OCT 76 | 1 MAR 77 | ARCH'T TO PREPARE MOD. | CREDIT | |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 2 FEB 1977
SHEET 3 OF 5

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

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 2 FEB 1977
SHEET 4 OF 5

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|-----|--|----------------------|-------------------|---|---------------------------|------------------------|
| 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 | ARCH'T TO PREPARE MOD. | HOSP. \$ 900 | |
| 36 | CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11. | 15 NOV. 76 | 1 FEB 77 | HSPO & USERS EVALUATING MOD. FOR APPROVAL | 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 | HSPO & USERS EVALUATING MOD. FOR APPROVAL | HOSP. | 97-P 1 FEB 77 |
| 38 | PROVIDE RADIATION SUPPORTS IN SHELL SPACE | 10 JAN 77 | 1 FEB 77 | UofM EVALUATING MOD. FOR APPROVAL TO ISSUE | CONT. \$ 28,068 | 93-E 21 JAN 77 |
| 39 | CHANGE DOORS AT ELECTRICAL VAULT ROOMS; B, 10, 15. | 10 JAN 77 | 1 FEB 77 | CONTRACTOR TO SIGN MOD. | CONT. \$ 1,752 | 92-E 21 JAN 77 |
| 40 | OMIT RESILIENT SUSPENSION SYSTEM IN CERTAIN AREAS | | | GEN. CONTR. TO PROVIDE ADDN'L COST DATA TO HSAE AND KOGL. | CREDIT \$ 650 | |

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|-----|---|----------------------|-------------------|-----------------------------|-----------------------------------|------------------------|
| 41 | ELECTRICAL CONTRACTOR INSTALLED 110FM SUPPLIED LIGHT FIXTURES. | FIELD 3 NOV 76 | _____ | ARCH'T TO PREPARE MOD. | CONT. \$ 168 | |
| 42 | GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS. | FIELD 5 JAN 77 | _____ | ARCH'T TO PREPARE MOD. | UNIT A CONTRACTOR \$10, 118 | |
| 43 | MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES. | 14 DEC 76 | 15 FEB 77 | ARCH'T TO PREPARE MOD. | CREDIT | |
| 44 | ADD TWO PLASTIC LAMINATE FIRE HOSE CABINETS LOCATED AT B-91 AND 10-101. | 19 JAN 77 | 15 FEB 77 | ARCH'T TO PREPARE MOD. | CONT. | |
| 45 | OTONEUROLOGY PROCEDURES SUITE ADDITION FLOOR 8. | 19 JAN 77 | 15 FEB 77 | ARCH'T TO PREPARE MOD. | HOSP. | |
| 46 | UNIT B/C PHASE II INTERFACE MODIFICATION. | 28 JAN 77 | 15 FEB 77 | ARCH'T TO PREPARE MOD. | | |
| 47 | ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7. | | | ARCH'T TO PREPARE MOD. | | |
| 48 | MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION) | | | ARCH'T TO PREPARE MOD. | CREDIT | |
| 49 | OMIT AUTOMATIC AIR VENTS ON HYDRONIC SUPPLY AND RETURN RISERS (FIELD DIRECTION) | | | ARCH'T TO PREPARE MOD. | CREDIT | |
| 50 | OTIDC/ALL / OPTH. CHANGES | | | | | |

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| ✓ 1 | ADDITIONAL CASEWORK IN AUDIOLOGY CLINIC - ROOM. 8-157 | 23 JUN 76 | 1 FEB 77 | ARCH'T. TO PREPARE MOD. | HOSP. \$2,200 | |
| ✓ 2 | SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1. | 26 MAY 76 | 1 JUL 77 | ARCH'T. TO PREPARE MOD. | HOSP. \$2,500 | |
| ✓ 3 | ENT. CLINIC AREA REDESIGN ON FLOOR 8. | 22 DEC 76 | 1 FEB 77 | ARCH'T TO PREPARE MOD. WILL BE ISSUED BEFORE 1 FEB 77 | HOSP. (MAXIMUM) \$15,000 | |
| ✓ 4 | ADD CONTROL DOORS IN TUNNEL CORR. TO RADIOLOGY ON FLOOR 2. | 17 NOV 76 | 1 JUL 77 | ARCH'T. TO DEVELOP A DESIGN SOLUTION FOR APPROVAL | HOSP. \$1,500 | |
| ✓ 5 | GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.R. - FLOOR 2. | 17 NOV. 76 | | HSPD & HOSP TO EVALUATE DESIGN PROPOSAL PROVIDED BY ARCH'T (5 JAN. 1977) | HOSP. \$6,000 | |
| ✓ 6 | DELETE S.N.R. IN CERTAIN CLINIC TOILET ROOMS. | 17 JUL 76 | 15 DEC 77 | ARCH'T REVIEWING COST DEDUCT \$334 | CREDIT | 77-P 15 DEC 77 |
| ✓ 7 | REVISED DESIGN FOR FLOORS 3 & 4. GUARDRAIL PROVISION. | 13 OCT 76 | 1 MAY 77 | ARCH'T. TO PREPARE MOD. | HOSP. \$7,500 | |
| 8 | LIGHTING CHANGES IN CLINICS. TO ARCH, JAN 12, 77 | | A.S.A.P. | HOSP. EVALUATING NEEDS | HOSP. | |
| ✓ 9 | ADDITION OF INTRUSION DETECTION SECURITY SYSTEM, DOOR PROVISIONS ONLY | 20 DEC 76 | PRIORITY | ARCH'T TO PREPARE MOD. BY 1 FEB 77. | HOSP. | |
| ✓ 10 | LEAD SHIELDING FOR DOOR NO. 1-240. | 11 AUG 76 | 15 DEC 76 | ARCH'T REVIEWING COST ADD \$1,226 | | 78-P 15 DEC 77 |

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| ✓ 12 | LEAD SHIELDING IN FLOOR OF ROOM 3-141. | 29 SEP 76 | 1 JUL 77 | ARCH'T TO PREPARE MOD. | HOSP. \$3,000 | |
| ✓ 13 | ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76. | 31 AUG 76 | 1 JAN 77 | CONTRACTORS COSTING. | 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 | CONTRACTORS COSTING | 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 | CONTRACTORS COSTING | \$5,000 | 83-P 28 DEC 76 |
| ✓ 17 | REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK. | 28 OCT 76 | 1 JUL 77 | ARCH'T. TO PREPARE MOD. | CONT. \$550 | |
| ✓ 18 | ROOF DESIGN CHANGE BY UoFM FOR COST SAVINGS. | 17 NOV 76 | 1 MAR 77 | UoFM EVALUATING CONTRACTOR SPECIFICATION AND GUARANTEE. | CONT. CREDIT | |
| ✓ 19 | MISCELLANEOUS TELEPHONE CHANGES. | 18 AUG 76 | 1 JAN 77 | HSPD REVIEWING MOD. FOR APPROVAL (7 JAN 77) | | 90-P 7 JAN 77 |
| ✓ 20 | OMIT RADIOLOGY CASH ALLOWANCE. | 14 OCT 76 | 1 MAR 77 | ARCH'T TO PREPARE MOD. | CREDIT | |

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|------|--|----------------------|-------------------|---|------------------------------|------------------------|
| ✓ 21 | FLOOR 2 ADMISSIONS AREA CHANGE PER PHASE II PLANS, W/2 ELEV | — | — | RESOLUTION OF CHANGE SUBJECT TO WOFM DIRECTION REGARDING PHASE II | — | UNIT B/C PHASE II MOD. |
| ✓ 22 | MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS, ADD 9TH FLOOR | 16 JUN 76 | | HSPO EVALUATING TIME REQUIREMENTS, 20 WEEKS (DOWN TIME 4 WEEKS) | CONT. \$ 5,000 | |
| ✓ 23 | INCREASE CEILING HT. IN ROOMS 1-380 & 381 TO 8'-0" | 17 NOV 76 | 1 JUN 77 | ARCH'T. TO PREPARE MOD. | CONT. \$ 400 | |
| ✓ 24 | ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W. | 26 MAY 76 | 1 APR 77 | ARCH'T. TO PREPARE MOD. | CONT. \$ 200 | |
| ✓ 25 | REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK. | FIELD | 15 JAN 77 | HSPO REVIEWING MOD. | CONT. MINIMUM | 91-E 17 JAN 77 |
| ✓ 26 | FILM ILLUMINATOR CHANGE. | 17 NOV. 76 | 1 MAR 77 | ARCH'T TO PREPARE MOD. | CONT. CREDIT \$ 2,000 | |
| ✓ 27 | REVISE TEMP. CONTROLS FOR CHILLER PUMPS IN UNIT A. | 17 AUG 76 | | CONTRACTORS COSTING | CONT. CREDIT \$ 10,000 | 79-E 15 DEC 76 |
| ✓ 28 | OMIT ALL FIELD PAINTING OF STRUCTURAL STEEL. | 20 MAY 76 | 1 MAR 77 | ARCH'T TO PREPARE MOD. | CONT. CREDIT \$ 5,700 | |
| ✓ 29 | WEST PLAZA DRAINAGE SYSTEM PROVISIONS | 17 NOV. 76 | 1 MAR 77 | WOFM & ARCHITECT TO RESOLVE DESIGN. | CONT. | |
| ✓ 30 | OMIT STAINLESS STEEL FLASHING RELATED TO PLAZA CONSTRUCTION. | 17 NOV. 76 | 1 MAR. 77 | ARCH'T. TO PREPARE MOD. | CONT. CREDIT \$ 13,700 | |

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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. | |
| 33 | OMIT SPECIAL HANGERS IN MECHANICAL ROOMS. | | | UofM NEGOTIATING CHANGE WITH MECHANICAL CONTRACTOR. | CONT CREDIT | |
| 34 | MODIFY DUCT LINING. | | | UofM NEGOTIATING CHANGE WITH MECHANICAL CONTRACTOR. | CONT. CREDIT \$ 2,500 | |
| 35 | ADDITIONAL CASEWORK UNITS IN WORK AREA 2-146. | 2 NOV. 76 | 1 MAR 77 | ARCH'T TO PREPARE MOD. | HOSP. \$ 900 | |
| 36 | CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11. | 15 NOV. 76 | 1 FEB 77 | ARCH'T. DEVELOPING MODIFICATIONS PER HSPO DIRECTION | D. SURGERY \$ 30,000 | |
| 37 | LAB MEDICINE CASEWORK CHANGE FOR ROOM 1-192. | 15 DEC 76 | 1 FEB 77 | ARCH'T. TO PREPARE MOD. | HOSP. | |
| 38 | PROVIDE RADIATION SUPPORTS IN SHELL SPACE | 10 JAN 77 | 1 FEB 77 | ARCH'T TO PREPARE MOD, (21 JAN 77) | CONT. \$ 28,068 | |
| 39 | CHANGE DOORS AT ELECTRICAL VAULT ROOMS; B, 10, 15. | 10 JAN 77 | 1 FEB 77 | ARCH'T TO PREPARE MOD. (21 JAN 77) | CONT. \$ 1,752 | |
| 40 | OMIT RESILIENT SUSPENSION SYSTEM IN CERTAIN AREAS | | | GEN. CONTR. TO PROVIDE ADDN'L COST DATA. | CREDIT \$ 650 | |

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| ✓ 41 | ELECTRICAL CONTRACTOR INSTALLED UOFM SUPPLIED LIGHT FIXTURES. | FIELD 3 NOV 76 | | KOGL TO PROVIDE COST DATA TO ARCH'T FOR MOD. | CONT. \$168 | |
| ✓ 42 | GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS | FIELD 5 JAN 77 | | ARCH'T TO PREPARE MOD. | UNIT A COSTE. \$10,118 | |
| ✓ 43 | MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES | 14 DEC 76 | 15 FEB 77 | ARCH'T TO PREPARE MOD. | CREDIT | |
| ✓ 44 | ADD TWO PLASTIC LAMINATE FIRE HOSE CABINETS LOCATED AT B-91 AND 10-101. | | | ARCH'T TO PREPARE MOD. | CONT. | |
| ✓ 45 | | | | | PART OF ESTIMATED COST | |
| 46 | | | | | | |
| 47 | | | | | | |
| 48 | | | | | | |
| 49 | | | | | | |
| 50 | | | | | | |

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

UNIVERSITY OF MINNESOTA
HEALTH SCIENCES EXPANSION

Donc 2/16/77 * Food SERVICE AREAS TO ARCH. WITHIN 11/11 H. MOD WILL BE REQ'D.
Donc 2/16/77 * CHECK W/OLLIE ARE SECTIONS OF MTS PATHWAY BEING TAKEN.
AS PER KOHL - PICTURES HAVE BEEN TAKEN.

MEMORANDUM

MEMO TO: Unit B/C File
MEMO BY: Duane Blanchard
DATE: 2 February 1977
SUBJECT: Unit B/C Progress Meeting
PRESENT: Messrs; Maupin, Kogl, Swanson, Dickler, Scott, Campbell, Blanchard, and Ms. Satorius.
NOTE: Next Progress Meeting Wednesday February 16, 1977 at 10:00 AM.

ITEM ACTION/RESPONSE

- ✓1. Project Schedule. An updated schedule was provided to all parties. Some time schedule improvements were made. Phase I should be substantially complete 9 November 1977. Floor B (early) substantial completion is 30 August 1977. Substantial completion for Floors 11 and 12 is set for 8 September 1977.
- ✓2. Status of Proposed Changes and Modifications. The Monitoring Schedule dated 2 February 1977 was reviewed with the following comments:
 - ✓a. HSPO approves Mods. 91, 92 and 93 for costing.
 - HSPO SCHEDULE A MTS, -> (b) HSPO is evaluating need for elevator entrance change on Floor B included in Change No. 22. The Architect recommended that the change be made in accordance with the master plan.
Send 2/16/77
 - ✓c. Ms. Satorius will verify all funding sources listed and advise Architect.
 - ✓d. The following additional changes are approved. HSPO will provide the Architect with a letter outlining the changes desired:
 - ✓1. No. 50 - Equip. Item M429 Model change.
 - ✓2. No. 51 - Nourishment Station change.
 - ✓3. No. 52 - Floor 2 Observation Window addition.
 - ✓4. No. 53 - Floor 8 E.N.T. Clinic changes.

ITEM

ACTION/RESPONSE

- | | |
|---|--|
| ✓3. Proposed Lighting Changes in Clinics. MOD. LOOP | HSPO has provided the Architect with a letter outlining the changes required. The Architect will prepare a modification as soon as possible. |
| ✓④. Color/Material Selection. ARCH. STATUS - TAC | The color selections are complete except for U of M approval. Approval meeting scheduled for 2 February 1977. |
| ✓5. Contingency Fund. | A contingency fund report dated 2 February 1977 was provided. Mod. No. 25-E should be listed as rejected. Mods. 71 and 72 replaces Mod. No. 25-E. |
| ✓6. Unit B/C Phase II Work. | The Phase II Contract Documents for Floors 1, 2 and 9 should be ready for U of M review on 15 May 1977. The Hospital is concerned about occupying Phase I area while Phase II construction is in progress. The following items must be evaluated as noted: |
| | <ul style="list-style-type: none"> ✓① a. HSPO must outline the U of M moving and installation times associated with Phase I. IN PROGRESS BY VARIOUS U/M DEPTS. ✓b. The Architect must identify the construction interface conditions for U of M direction. |
| ✓7. Diehl Hall Remodeling. | HSPO is in the process of evaluating and resolving the budget deficit with Central Administration. |
| ✓8. Auditorium Seating. | The U of M has selected the Heywood Wakefield Chair with plastic backs. The Architect will advise Sheehy of subcontract selection. |
| ✓9. Modification Procedures. | An updated modification processing chart was provided by HSPO. |
| ✓10. M.T.S. Contract Status. | The Architect has reviewed the proposed M.T.S. pathways and conflicts. The cost implications to resolve conflicts was discussed. Gene Kogl will be monitoring conflicts and will negotiate costs and responsibility. The Architect suggested that photographs be taken of all significant conflicts for record purposes. Photos will be taken. |
| ✓11. Unit A and C Floor Elevation Relationships. | The Architect suggested that the Unit C Floor, window sill and ceiling relationships should be checked to determine if any basic construction problems exist. The Contractor should write a letter to the Owner outlining the condition and what steps he intends to take to overcome any associated conflicts. |

cc: Meeting Attendees
Clinton Hewitt, Jim Nelson

NOTE: Current Monitoring Schedule of Proposed Changes attached.

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 16 FEB 1977
SHEET 1 OF 6

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

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 16 FEB 1977
SHEET 2 OF 6

| 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 | ARCH'T TO PREPARE MOD. | CONT. CREDIT \$40,000 | <i>no cost</i> |
| 12 | LEAD SHIELDING IN FLOOR OF ROOM 3-141. | 29 SEP 76 | 1 JUL 77 | ARCH'T TO PREPARE MOD. | HOSP. \$3,000 | <i>must occur</i> |
| 13 | ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76. | 31 AUG 76 | 1 JAN 77 | CONTRACTORS COSTING, MOD. 86, 87, 88 ON T & M. MOD. 89 ARCH'T EVAL. COST \$1,353 | HOSP \$7,600 | 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 | CONTRACTORS COSTING | 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 | CONTRACTORS COSTING | USER \$5,000 | 83-P 28 DEC 76 |
| 17 | REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK. | 28 OCT 76 | 1 JUL 77 | ARCH'T. TO PREPARE MOD. | CONT. \$550 | |
| 18 | ROOF DESIGN CHANGE BY UoFM FOR COST SAVINGS. | 17 NOV 76 | 1 MAR 77 | UoFM EVALUATING CONTRACTOR SPECIFICATION AND GUARANTEE. | CONT. CREDIT | <i>no cost</i> |
| 19 | MISCELLANEOUS TELEPHONE CHANGES. | 18 AUG 76 | 1 JAN 77 | CONTRACTORS COSTING | CONT | 90-P 7 JAN 77 |
| 20 | OMIT RADIOLOGY CASH ALLOWANCE. | 14 OCT 76 | 1 MAR 77 | ARCH'T TO PREPARE MOD. | HOSP. CREDIT | |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 16 FEB 1977
SHEET 3 OF 6

| 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 | 22 FEB 77 | ARCH'T TO PREPARE MOD | HOSP. | |
| * 22 | MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS. | 16 JUN 76 | 1 MAR 77 | ARCH'T TO PREPARE MOD. HSPO TO ADVISE ARCH'T ON FLOOR B ENTRANCE | CONT. \$15,000 | must happen |
| 23 | INCREASE CEILING HT. IN ROOMS 1-380 & 381 TO 8'-0". | 17 NOV 76 | 1 JUN 77 | ARCH'T. TO PREPARE MOD, | CONT. \$400 | |
| 24 | ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W. | 26 MAY 76 | 1 APR 77 | ARCH'T. TO PREPARE MOD. | CONT. \$200 | |
| 25 | REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK. | FIELD | 15 JAN 77 | CONTRACTORS COSTING | CONT. MINIMUM | 91-E 17 JAN 77 |
| 26 | FILM ILLUMINATOR CHANGE. | 17 NOV 76 | 1 MAR 77 | ARCH'T TO PREPARE MOD. | CONT. CREDIT \$2,000 | |
| 27 | REVISE TEMP. CONTROLS FOR CHILLER PUMPS IN UNIT A. | 17 AUG 76 | 1 JAN 77 | CONTRACTORS COSTING | CONT. CREDIT \$10,000 | 79-E 15 DEC 76 |
| 28 | OMIT ALL FIELD PAINTING OF STRUCTURAL STEEL. | 20 MAY 76 | 1 MAR 77 | ARCH'T TO PREPARE MOD. | CONT. CREDIT \$5,700 | omit only |
| 29 | WEST PLAZA DRAINAGE SYSTEM PROVISIONS | 17 NOV 76 | 1 MAR 77 | UOFM & ARCHITECT TO RESOLVE DESIGN. | CONT. | Final 1/10/77 |
| 30 | OMIT STAINLESS STEEL FLASHING RELATED TO PLAZA CONSTRUCTION. | 17 NOV 76 | 1 MAR 77 | ARCH'T, TO PREPARE MOD. | CONT. CREDIT \$13,700 | omit only |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 16 FEB 1977
SHEET 4 OF 6

| 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 | ARCH'T TO PREPARE MOD. | HOSP. \$900 | |
| 36 | CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11. | 15 NOV. 76 | 1 FEB 77 | CONTRACTORS COSTING | D. SURGERY EST. \$59,900 | 94-P 1 FEB 77 |
| 37 | LAB MEDICINE CASEWORK CHANGE FOR ROOM 1-192. | 15 DEC 76 | 1 FEB 77 | CONTRACTORS COSTING | HOSP. | 97-P 1 FEB 77 |
| 38 | PROVIDE RADIATION SUPPORTS IN SHELL SPACE | 10 JAN 77 | 1 FEB 77 | UofM HAS SIGNED MOD. | CONT. \$28,068 | 93-E 21 JAN 77 |
| 39 | CHANGE DOORS AT ELECTRICAL VAULT ROOMS; B, 10, 15. | 10 JAN 77 | 1 FEB 77 | UofM HAS SIGNED MOD. | CONT. \$1,752 | 92-E 21 JAN 77 |
| 40 | OMIT RESILIENT SUSPENSION SYSTEM IN CERTAIN AREAS | 2 FEB 77 | 15 FEB 77 | UofM HAS SIGNED MOD. | CONT. CREDIT \$650 | 100-E 4 FEB 77 |

UNIT B/C - PROPOSED CHANGES/MODIFICATIONS MONITORING SCHEDULE

DATE 16 FEB 1977
SHEET 5 OF 6

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

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 16 FEB 1977
SHEET 6 OF 6

| 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 | | ARCHT TO PREPARE MOD. PER LETTER 1 FEB 77 | | |
| 52 | FLOOR 2 OBERVATION WINDOW ADDITION | 2 FEB 77 | | ARCHT TO PREPARE MOD. | | |
| 53 | FLOOR 8 E.N.I.T. CLINIC CHANGES FOLDING PART. | 2 FEB 77 | | | | |
| 54 | | | | | | |
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| 60 | | | | | | |

3/16/77
M.C. 211- ELEC.
COST
11,200

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 Blanchard
DATE: 16 February 1977
SUBJECT: Unit B/C Progress Meeting
PRESENT: Messrs; Maupin, Swanson, Dickler, Kujawa,
Nelson, Patterson, and Blanchard.
NOTE: Next Progress Meeting Wednesday March 2, 1977 at 10:00 AM.

ITEM ACTION/RESPONSE

✓1. Project Schedule.

There was no project schedule report since neither Kogl or Campbell were at the meeting.

RESPT 77 - MEC. 114 1/2 COMPLETE
FLOOR 77 - 1/20 1/2 SUBSTANTIAL
COMPLETION

✓2. Status of Proposed Changes and Modifications.

The Monitoring Schedule dated 16 February 1977 was reviewed and the following comments were made:

- ✓a. The Contractors have advised the U of M that they intend to bill the U of M a service charge for modifications which are not approved.
- ✓b. The Hospital considers the cost quoted for Mod. 69-P too high! This mod. includes changes related to the M.T.S. Contract. The Architect will investigate alternatives.
- ✓c. The contract completion dates and changes to the contract (modifications) are in conflict with each other.
- ✓(d) Change No. 22 regarding Unit A Elevator No. 11 will require a review meeting concerning Floor B entrance.

| ITEM | ACTION/RESPONSE |
|---|---|
| ✓3. Proposed Lighting Changes in Clinic. | Mod. 102-P was sent to HSP0 for review approval on 16 February 1977. |
| ✓4. Color/Material Selection. | Completion of plastic laminate color selections is a critical item. The Architect will resolve. Concourse V.A.T. has not been selected. |
| ✓5. Contingency Fund. | No report. |
| ✓6. Unit B/C Phase II Work. | Work is progressing on documents and they should be ready for U of M review per the following dates: ✓a. Interface Mod. (above ceilings)- 7 Feb 1977. ✓b. Interface Mod. (Floor 2 area on hold)- 4 Mar 1977. ✓c. Interface Mod. (Floor 9) - 11 Mar 1977. ✓d. Bid Documents Floors 1, 2 and 9 - 20 May 1977. |
| ✓7. Diehl Hall Remodeling. | U of M evaluating project costs. |
| ✓8. M.T.S. Contract Status. | Work progressing per comment in meeting notes dated 2 February 1977. |
| ✓9. Unit A and C Floor Elevation Relationships. | HSAE received a letter from Sheehy dated 14 February 1977 regarding subject. The Architect does not consider their letter acceptable and will so advise Kogl in writing. |
| ✓10. Food Service on Floors 2 and 5. | ✓The U of M Food Service is in the programming/ planning stage for adding this function into Unit B/C as a phase II item. ✓The Hospital is concerned about the schedule impact of this item on the phase II schedule. The Architect recommended that they be involved as soon as possible to avoid planning conflicts which an outside food consultant may not understand exists. |

cc: Meeting Attendees
 Clinton Hewitt
 Eugene Kogl
 Dick Campbell
 John Scott
 Ms. Satorius

NOTE: Current Monitoring Schedule of Proposed Changes attached.

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 12 MAR 1977
SHEET 1 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|---|----------------------|-------------------|--|--------------------------------|------------------------|
| 1 | ADDITIONAL CASEWORK IN AUDIOLOGY CLINIC - ROOM 8-157 | 23 JUN 76 | 1 FEB 77 | CONTRACTORS COSTING | HOSP. \$2,200 | 95-P 11 FEB 77 |
| 2 | SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1. | 26 MAY 76 | 1 JUL 77 | ARCH'T. TO PREPARE MOD. | HOSP. \$2,500 | |
| 3 | ENT. CLINIC AREA REDESIGN ON FLOOR 8. | 22 DEC 76 | 1 FEB 77 | CONTRACTORS COSTING | 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 | ARCH'T. TO DEVELOP A DESIGN SOLUTION FOR APPROVAL | HOSP. \$1,500 | |
| 5 | GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.P. - FLOOR 2. | 17 NOV 76 | 1 MAR 77 | HSPD REVIEWING FOR APPROVAL TO ISSUE. | 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 | ARCH'T. TO PREPARE MOD. | HOSP. \$7,500 | |
| 8 | LIGHTING CHANGES IN CLINICS. | 19 JAN 77 | 15 FEB 77 | CONTRACTORS COSTING | HOSP. | 102-P 16 FEB 77 |
| 9 | ADDITION OF INTRUSION DETECTION SECURITY SYSTEM. DOOR PROVISIONS ONLY | 20 DEC 76 | 22 FEB 77 | ARCH'T TO PREPARE MOD. EXPECT MOD. TO BE ISSUED THIS WEEK. | HOSP. | |
| 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 2 MAR 1977
SHEET 2 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|--|----------------------|-------------------|--|--------------------------|--|
| 11 | PLAZA WATERPROOFING DESIGN CHANGE. | 18 AUG 76 | 1 MAR 77 | ARCH'T TO PREPARE MOD. EXPECT TO COMPLETE THIS WEEK. | CONT. CREDIT \$40,000 | |
| 12 | LEAD SHIELDING IN FLOOR OF ROOM 3-141. | 29 SEP 76 | 1 JUL 77 | ARCH'T TO PREPARE MOD. | HOSP. \$3,000 | |
| 13 | ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76. | 31 AUG 76 | 1 JAN 77 | CONTRACTORS COSTING. MOD. 86, 87, 88 ON T&M. MOD. 89 ARCH'T EVAL. COST \$1,353 | HOSP \$7,600 | 89, 81, 84, 85, 86, 87, 88, 89 1 JAN 77 |
| 14 | DELETE CASEWORK AND SPECIAL FINISHES IN UROLOGY ROOMS. | 1 OCT 76 | 1 JAN 77 | CONTRACTORS COSTING | HOSP. CREDIT \$4,000 | 82-P 28 DEC 76 |
| 15 | ADD A PULMONARY FUNCTION LAB ON FLOOR 4. | HOLD | | HOSP/USER MUST RESOLVE PROGRAM CHANGE NEEDED | HOSP. | |
| 16 | ADD ROOM TO FAMILY PRACTICE ON FLOOR 6. | 5 NOV 76 | 1 JAN 77 | CONTRACTORS COSTING | USER \$5,000 | 83-P 28 DEC 76 |
| 17 | REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK. | 28 OCT 76 | 1 JUL 77 | ARCH'T. TO PREPARE MOD. | CONT. \$550 | |
| 18 | ROOF DESIGN CHANGE BY UoFM FOR COST SAVINGS. | 17 NOV 76 | 1 MAR 77 | UoFM EVALUATING CONTRACTOR SPECIFICATION AND GUARANTEE. | CONT. CREDIT | |
| 19 | MISCELLANEOUS TELEPHONE CHANGES. | 18 AUG 76 | 1 JAN 77 | CONTRACTORS COSTING | CONT | 90-P 7 JAN 77 |
| 20 | OMIT RADIOLOGY CASH ALLOWANCE. | 14 OCT 76 | 4 MAR 77 | ARCH'T TO PREPARE MOD. EXPECT TO COMPLETE THIS WEEK. | HOSP. CREDIT | 116-P |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 2 MAR 1977
SHEET 3 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|--|----------------------|-------------------|--------------------------------------|-----------------------------|------------------------|
| 21 | FLOOR 2 ADMISSIONS AREA CHANGE, PER PHASE II PLANS. | 19 JAN 77 | 4 MAR 77 | ARCH'T TO PREPARE MOD. | HOSP. | |
| 22 | MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS. | 16 JUN 76 | 15 MAR 77 | ARCH'T TO PREPARE MOD. | CONT. \$15,000 | |
| 23 | INCREASE CEILING HT. IN ROOMS 1-380 & 381 TO 8'-0". | 17 NOV 76 | 1 JUN 77 | ARCH'T. TO PREPARE MOD. | CONT. \$ 400 | |
| 24 | ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W. | 26 MAY 76 | 1 APR 77 | ARCH'T. TO PREPARE MOD. | CONT. \$ 200 | |
| 25 | REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK. | FIELD | 15 JAN 77 | CONTRACTORS COSTING | 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 | CONTRACTORS COSTING | CONT. CREDIT \$10,000 | 79-E 15 DEC 76 |
| 28 | OMIT ALL FIELD PAINTING OF STRUCTURAL STEEL. | 20 MAY 76 | 1 MAR 77 | HSPD REVIEWING FOR APPROVAL TO ISSUE | CONT. CREDIT \$ 5,700 | 115-E 1 MAR 77 |
| 29 | WEST PLAZA DRAINAGE SYSTEM PROVISIONS | 17 NOV. 76 | 1 MAR 77 | HSPD REVIEWING FOR APPROVAL TO ISSUE | CONT. | 114-E 28 FEB 77 |
| 30 | OMIT STAINLESS STEEL FLASHING RELATED TO PLAZA CONSTRUCTION. | 17 NOV. 76 | 1 MAR. 77 | HSPD REVIEWING FOR APPROVAL TO ISSUE | CONT. CREDIT \$10,400 | 118-E 1 MAR 77 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 2 MAR 1977
SHEET 4 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|--|----------------------|-------------------|---|---------------------------|------------------------|
| 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 | HSPO REVIEWING FOR APPROVAL TO ISSUE. | HOSP. \$ 900 | 112-P 28 FEB 77 |
| 36 | CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11. | 15 NOV. 76 | 1 FEB 77 | CONTRACTORS COSTING | D. SURGERY EST. \$ 59,900 | 94-P 1 FEB 77 |
| 37 | LAB. MEDICINE CASEWORK CHANGE FOR ROOM 1-192. | 15 DEC 76 | 1 FEB 77 | CONTRACTORS COSTING | HOSP. | 97-P 1 FEB 77 |
| 38 | PROVIDE RADIATION SUPPORTS IN SHELL SPACE | 10 JAN 77 | 1 FEB 77 | 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 2 MAR 1977
SHEET 5 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|---|----------------------|-------------------|---|----------------------------------|------------------------|
| 41 | ELECTRICAL CONTRACTOR INSTALLED LUFM SUPPLIED LIGHT FIXTURES. | FIELD 3 NOV 76 | _____ | ARCH'T TO PREPARE MOD. | CONT. \$168 | |
| 42 | GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS. | FIELD 5 JAN 77 | _____ | ARCH'T TO PREPARE MOD. | UNIT A CONTRACTOR \$10,118 | |
| 43 | MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMMODATE POWER FILES. | 14 DEC 76 | 15 FEB 77 | CONTRACTORS COSTING | 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 | CONTRACTORS COSTING | CONT. | 99-A 2 FEB 77 |
| 45 | OTONEUROLOGY PROCEDURES SUITE ADDITION FLOOR 8. | 19 JAN 77 | 22 FEB 77 | HSPO REVIEWING MOD FOR APPROVAL TO ISSUE COST EST. PROVIDED | HOSP. \$68,270 | 110-P 24 FEB 77 |
| 46 | UNIT B/C PHASE II INTERFACE MODIFICATION FLOORS 1 AND 2 | 28 JAN 77 | 15 FEB 77 | CONTRACTORS COSTING | HOSP. | 98-P 2 FEB 77 |
| 47 | ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7. | 2 FEB 77 | 1 MAR 77 | CONTRACTORS COSTING | CONT/USER | 105-P 16 FEB 77 |
| 48 | MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION) | 2 FEB 77 | 22 FEB 77 | HSPO REVIEWING FOR APPROVAL TO ISSUE | 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 | HSPO REVIEWING FOR APPROVAL TO ISSUE | CONT. CREDIT | 107-E 21 FEB 77 |
| 50 | CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTOSCOPE/OPHTHALMOSCOPE | 2 FEB 77 | 1 APR 77 | ARCH'T TO PREPARE MOD. PER LETTER REC'D 7 FEB. | HOSP. | |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 2 MAR 1977
SHEET 6 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|--|----------------------|-------------------|---|--------------------------|------------------------|
| 51 | NOURISHMENT STATION CHANGE | 2 FEB 77 | 1 APR 77 | ARCH'T TO PREPARE MOD. PER LETTER 1 FEB 77 | | |
| 52 | FLOOR 2 OBERVATION WINDOW ADDITION. | 2 FEB 77 | 1 APR 77 | ARCH'T TO PREPARE MOD. | | |
| 53 | FLOOR 8 E.N.T. CLINIC CHANGES INCLUDING THE ADDITION OF A FOLDING PARTITION | 2 FEB 77 | | HSPO/USERS TO PROVIDE FINAL REQUIREMENTS. | | |
| 54 | REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS; BSM'T & FLOORS 10 & 15. | 2 FEB 77 | | HSPO REVIEWING FOR APPROVAL TO ISSUE | | 106-A 21 FEB 77 |
| 55 | REVISE PLAS.LAM. LOCKERS IN ROOMS 1-284 & 286 BY ADDING PADLOCK HASPS. | — | 15 FEB 77 | CONTRACTORS COSTING | | 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 | CONTRACTORS COSTING | | 101-P 14 FEB 77 |
| 57 | MODIFY CORE 26 ON FLOOR 9 TO ALLOW INSTALLATION OF ELECTRICAL PANELS. | 17 FEB 77 | | HSPO REVIEWING FOR APPROVAL TO ISSUE. | | 113-E 28 FEB 77 |
| 58 | MODIFY CONTROL ROOMS OF RADIOLOGY ROOMS; 1-232, 235, 240 AND 242. | 18 FEB 77 | 7 MAR 77 | ARCH'T TO PREPARE MOD. | | |
| 59 | OMIT MACHINE ROOM SLAB ABOVE FUTURE ELEVATOR NO. 1. | 16 FEB 77 | 7 MAR 77 | ARCH'T TO PREPARE MOD. | | |
| 60 | FIELD ORDER TO STOP INSTALL. OF PRECAST CONC. BENCHES IN WEST AREA | | | G. HUGHES TO ADVISE ARCH'T OF CHANGES DESIRED | | |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 2 MAR 1977
SHEET 7 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|--|----------------------|-------------------|---|--------------------------|------------------------|
| 61 | ADD ELEC. DISCONNECT SWITCH TO ELEV. CONTROLLERS FOR ELEV. 4, 5 & 6 PER LETTER BY STATE. | 20 JAN 77 | 1 APR 77 | ARCH'T TO PREPARE MOD. | | |
| 62 | ADJUST CASH ALLOWANCE FOR A.D. SEATING TO BID AMOUNT. | 2 FEB 77 | 4 MAR 77 | ARCH'T TO PREPARE MOD. | CONT. CREDIT \$ 2,900 | 117-P |
| 63 | OMIT AIR COMPRESSOR FOR AUTOMATIC DOORS 1-61 & 296. | 20 JAN 77 | | CONTRACTOR TO PROVIDE COST TO ARCHITECT | CREDIT | |
| 64 | CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. | | | | | |
| 65 | OMIT AIR BLENDERS FOR 100% OUTSIDE AIR UNITS S-1C AND S-18C. | | | HSPO REVIEWING FOR APPROVAL TO ISSUE | CREDIT | 109-A 21 FEB 77 |
| 66 | ALLOW MASON INDUSTRIES TYPE ESN FLOATING FLOOR SYSTEM IN AIR CHAMBERS | 2 FEB 77 | 15 APR 77 | ARCH'T TO PREPARE MOD. | CREDIT \$ 1,200 | |
| 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. | | | HSPO TO ADVISE ARCH'T OF CHANGE DESIRED. | | |
| 70 | UNIT B/C PHASE II INTERFACE MOD. FLOOR 9 | 28 JAN 77 | 15 MAR 77 | ARCH'T TO PREPARE MOD. | | |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 2 MAR 1977
SHEET 8 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|---|----------------------|-------------------|---|--------------------------|------------------------|
| 71 | PROVIDE MIRRORS & COAT. HOOKS IN AMBULATORY SURGERY ROOMS 1-301, 302, 303 | 31 AUG 76 | 1 APR 77 | ARCH'T TO PREPARE MOD. | | |
| 72 | PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370 | _____ | 1 MAY 77 | ARCH'T TO PREPARE MOD. | | |
| 73 | REVISE DELAWARE STREET GRATINGS FOR DRAINS ON GRIDS E5 AND E15. | 24 FEB 77 | 1 APR 77 | ARCH'T TO PREPARE MOD. WORK ALREADY DONE | CONT. \$ 946 | |
| 74 | ADD ACOUSTIC INSULATION TO FLOOR 15 AIR CHAMBERS | 1 MAR 77 | | ARCH'T AND CONTRACTOR EVALUATING CHANGE REQUIREMENTS, | | |
| 75 | OAD, RELAY ROOM FLOOR 2 | | | TAC DEVELOPING MOD. | | |
| 76 | | | | | | |
| 77 | | | | | | |
| 78 | | | | | | |
| 79 | | | | | | |
| 80 | | | | | | |

| Date Written | Contract | Description | Mod # | Prelim. Amount | Funding | | Final Amount | Date Finalized | C.O. # |
|--------------|----------|---|--------|----------------|---------|--|--------------|----------------|---------------|
| | | | | | Cont. | Other | | | |
| 2/16/76 | Gen. | Reinstate alternate deducts G-14, G-19, G-22, G-23 | 1-D + | 141,000 | X | | 141,000 | 3/9/76 | G-1 |
| 2/16/76 | Mech. | Reinstate alternate deducts M-21, M-22, M-23 | 2-D + | 36,550 | X | | 36,550 | 4/2/76 | M-1 |
| 2/16/76 | Elec. | Reinstate alternate deducts E-14, E-19, E-21, E-22, E-23, E-24, E-25 | 3-D + | 18,470 | X | | 18,470 | 3/9/76 | E-1 |
| 2/16/76 | Vert. | Reinstate alternate deducts T-14, T-19, T-24, T-25 | 4-D + | 355,426 | X | | 355,426 | 3/9/76 | V-1 |
| 2/13/76 | Gen. | Reduce amt. of underpinning & new foundation walls along Diehl | 5-E - | 24,680 | X | | - 24,680 | 7/23/76 | G-3 |
| 2/15/76 | Mech. | Revise location of drain tile | 6-E | N/C | X | | N/C | 7/23/76 | M-2 |
| 3/23/76 | Mech. | Reinstate alternate deducts M-2, M-16 | 7-E + | 304,400 | | Soderberg & Brinkerhoff | 304,400 | 3/31/76 | Req. # 544419 |
| 3/23/76 | Elec. | Reinstate alternate deducts E-2, E-16 | 8-E + | 12,900 | | Soderberg & Brinkerhoff | 12,900 | 3/31/76 | Req. # 544420 |
| 2/24/76 | Gen. | Change folding partitions between certain seminar rooms | 9-P + | 2,283 | | Hospital | 2,283 | 9/1/76 | G-1A |
| 3/25/76 | Gen. | Revise size of glass lites to improve visibility at certain waiting rm. doors | 10-P + | 321 | | Hospital | 321 | 9/1/76 | G-1A |
| 3/29/76 | Gen. | Reinstate alternate deducts G-3, G-7, G-12 | 11-E + | 25,000 | | Hosp. 23,000 Med. 2,000 | 25,000 | 3/31/76 | Req. # 544421 |
| 3/29/76 | Mech. | Reinstate alternate deducts M-1, M-5, M-7 | 12-E + | 232,700 | | Med. 142,800 Hosp. 1,000 JOML 88,900 | 232,700 | 3/31/76 | Req. # 544419 |
| 3/29/76 | Elec. | Reinstate alternate deducts E-3, E-4, E-5, E-15 | 13-E + | 56,000 | | Med. 46,800 Hosp. 9,200 | 56,000 | 3/31/76 | Req. # 544420 |

| Date Written | Contract | Description | Mod # | Prelim. Amount | Funding | | Final Amount | Date Finalized | 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 | - | X | | | | |
| 8/4/76 | Gen. Vert. | Provide & install 16 guide rail support beams between bsmt & 1st fl. | 43-A | + | X | | Gen. +5,346 Vert. N/C | 11/16/76 | G-6 V-3 |
| 8/9/76 | Gen. | Provide curb reinforcing in walls of air chambers on fls. 10 & 15 | 44-A | | X | | + 3,000 | 11/22/76 | G-6 |
| 8/9/76 | Elec. | Provide for selective testing of emerg. transfer switches & provisions for remote status indicators | 45-E | + 1,573 | X | | | | |
| 8/9/76 | Gen. Mech. | Revise domestic water service & fire services inside bldg | 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 | | X | | G. 5,315 M. N/C E. 530 | 2/14/77 | G-8 M-8 E-6 |
| 8/17/76 | Gen. | Steel framing revisions required to conform to West. 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. + | X | | | | |
| 9/20/76 | Gen. Mech. Elec. | Sprinkler heads modified & ionization smoke detectors added in Radiology & Fam. Practice Clinic X-Ray | 52-P | Gen. Mech. (6,000) Elec. | | Hosp. | G. N/C M. 1,325 E. 7,447.45 | 2/14/77 | G-3A M-2A E-6 |

| Date Written | Contract | Description | Mod # | Prelim. Amount | Funding | | Final Amount | Date Finalized | 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 | + 1,200 | X | | | | |
| 11/15/76 | Gen. Mech. Elec. | Provide folding partition between offices 1-221 & 1-222 | 67-P | | | Hospital | G. + 2,109 M. N/C E. 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 | | | Hospital | | | |
| 12/3/76 | Gen. Mech. Elec. | Revise lighting, lighting control & ceiling of certain Ophthal, exam rooms & add new receptacles | 70-P | + 4,500 | | Hospital | | | |
| 12/3/76 | Elec. | Re-route telephone conduit & TV/Communications conduit | 71-E | | X | | + 1,896.50 | 1/12/77 | E-5 |
| 12/3/76 | Elec. | Revise & clarify Temporary Electric Service installation | 72-E | | X | | | | |
| 12/6/76 | Gen. Elec. | Improve function of Information Areas Rms 2-161 & 3-89 | 73-P | + 4,300 (Inclgd. 75-P) | | Hospital | | | |
| 12/7/76 | Gen. Elec. | Improve function of telephone kiosks | 74-P | G. + 1,257 E + 572 | X | | G. 1,257 E 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 rms 11-149 & 11-150 | 76-A | + 400 | X | | | | |
| 12/15/76 | Gen. | Omit sanitary napkin receptors in certain clinical toilet rooms | 77-P | - 200 | 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 | + 300 | | Hospital | + 1,226 | 2/22/77 | G-3A |

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 Blanchard
DATE: 2 March 1977
SUBJECT: Unit B/C Progress Meeting
PRESENT: Messrs; Maupin, Swanson, Dickler, Kujawa, Nelson,
Campbell, Blanchard, and Ms. Satorius.
NOTE: Next Progress Meeting Wednesday March 16, 1977 at 10:00 AM.

ITEM ACTION/RESPONSE

✓1. Project Schedule.

The current schedule information indicates the following for substantial completion:

- 7 Oct. 77 ✓a. Floors 11 and 12 - 19 September 1977
29 NOV. 77 ✓b. Phase I - 8 November 1977

This assumes no time delays.

✓2. Status of Proposed Changes and Modifications.

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

- a. There were 21 new changes added to the list since 16 February 1977.
b. The status of changes are as follows:

| | | |
|---|-----------|-----------|
| 1. U of M to provide requirements to Architect..... | 10 | 3/16/77 |
| 2. Architect to prepare Mod..... | 26 | 16 |
| 3. HSPD reviewing Mod. for approval..... | 10 | 3 |
| 4. Contractors costing approved Mod..... | 17 | 22 |
| 5. Change completed as a Mod..... | 7 | 9 |
| 6. Other condition..... | 4 | 8 |
| <u>Total</u> | <u>74</u> | <u>58</u> |

- ✓c. HSPD will resolve the status of Mod. 69-P today.
✓d. Change 45 (Mod. 110-P) discussed.
✓e. Two new changes approved, 75 and 76.

| ITEM | ACTION/RESPONSE |
|--|---|
| ✓3. Unit A Elevator No. 11. MOD. 125 | The relocation of the elevator entrance on Floor B to the west side was approved. |
| ✓4. Color/Material Selection. | Only the painting schedule and miscellaneous items remain to be finalized. |
| ✓5. Contingency Fund. | A report dated 2 March 1977 was distributed. FAC. # 111,000 3/16/77 |
| ✓6. Unit B/C Phase II Work. | <p>Work is progressing as follows:</p> <ul style="list-style-type: none"> ✓a. Floors 1 and 2 interface Modification 98-P issued to Contractors for costing. ✓b. Floor 2 admissions area modification to be sent to HSPO for review this week. 120P ✓c. Floor 9 interface modification to be sent to HSPO for review 21 March 1977. ✓d. Phase II Bid Documents to be ready for HSPO review 20 May 1977. MID JUNE 3/16/77 |
| ✓7. Diehl Hall Remodeling. | No report. |
| ✓8. M.T.S. Contract Status. | All parties are working together to resolve conflicts. Station No. 7 will require some changes to resolve problems. The Mayo work is unresolved but the Hospital is trying to set up a construction period of June through August. |
| ✓9. Unit A and C Floor Elevation Relationships. | HSAE sent a letter to Kogl outlining the Architects comments regarding the Contractors response on the problem. |
| ✓10. Food Service on Floors 2 and 5. (APRIL 1, 1977) | The U of M (Interior Design) expects to have programming and planning information ready in 2 weeks for involvement of other parties. |
| ✓11. Schedule Management. | The U of M has added to the scope of work of the schedule manager the schedule management of the contracts associated with the occupancy of the building. |

cc: Meeting Attendees
Clinton Hewitt
Eugene Kogl
John Scott

NOTE: Current Monitoring Schedule of Proposed Changes attached.

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 16 MAR 1977
SHEET 1 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|---|----------------------|-------------------|--|--------------------------------|------------------------|
| 1 | ADDITIONAL CASEWORK IN AUDIOLOGY CLINIC - ROOM 8-157 | 23 JUN 76 | 1 FEB 77 | CONTRACTORS COSTING. | HOSP. \$2,200 | 95-P 11 FEB 77 |
| 2 | SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1. | 26 MAY 76 | 1 JUL 77 | ARCH'T. TO PREPARE MOD. | HOSP. \$2,500 | |
| 3 | ENT. CLINIC AREA REDESIGN ON FLOOR 8. | 22 DEC 76 | 1 FEB 77 | CONTRACTORS COSTING | 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 | ARCH'T. TO DEVELOP A. DESIGN SOLUTION FOR APPROVAL | HOSP. \$1,500 | |
| 5 | GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.B. - FLOOR 2. | 17 NOV. 76 | 1 MAR 77 | CONTRACTORS COSTING. | 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 | ARCH'T. TO PREPARE MOD. | HOSP. \$7,500 | |
| 8 | LIGHTING CHANGES IN CLINICS. | 19 JAN 77 | 15 FEB 77 | CONTRACTORS COSTING | HOSP. | 102-P 16 FEB 77 |
| 9 | ADDITION OF INTRUSION DETECTION SECURITY SYSTEM, DOOR PROVISIONS ONLY | 20 DEC 76 | 22 FEB 77 | HSPO REVIEWING FOR APPROVAL TO ISSUE. | 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 16 MAR 1977
SHEET 2 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|--|----------------------|-------------------|--|--------------------------|---|
| 11 | PLAZA WATERPROOFING DESIGN CHANGE. | 18 AUG 76 | 1 MAR 77 | CONSTRUCTION COORDINATOR REVIEWING FOR APPROVAL TO ISSUE. | CONT. CREDIT \$40,000 | 123-E 7 MARCH 77 |
| 12 | LEAD SHIELDING IN FLOOR OF ROOM 3-141. | 29 SEP 76 | 1 JUL 77 | ARCH'T TO PREPARE MOD. | HOSP. \$3,000 | |
| 13 | ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76. | 31 AUG 76 | 1 JAN 77 | CONTRACTORS COSTING. MOD. 86, 87, 88 ON T.E.M. ARCH'T. EVALUATING 80, 84, 85, 89. | 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 | ARCH'T. EVALUATING COSTS: GENL. (-) 4590.00 MECH. (-) 2061.00 ELEC. (+) 2476.00 | HOSP. CREDIT \$4,000 | 82-P 28 DEC 76 |
| 15 | ADD A PULMONARY FUNCTION LAB ON FLOOR 4. | HOLD | | HOSP/USER MUST RESOLVE PROGRAM CHANGE NEEDED | HOSP. | |
| 16 | ADD ROOM TO FAMILY PRACTICE ON FLOOR 6. | 5 NOV 76 | 1 JAN 77 | CONTRACTORS COSTING | USER \$5,000 | 83-P 28 DEC 76 |
| 17 | REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK. | 28 OCT 76 | 1 JUL 77 | ARCH'T. TO PREPARE MOD. | CONT. \$550 | |
| 18 | ROOF DESIGN CHANGE BY UoFM FOR COST SAVINGS. | 17 NOV 76 | 1 MAR 77 | CONSTRUCTION COORDINATOR REVIEWING FOR APPROVAL TO ISSUE. | CONT. CREDIT | 124-E 7 MARCH 1977 |
| 19 | MISCELLANEOUS TELEPHONE CHANGES. | 18 AUG 76 | 1 JAN 77 | ARCH'T. EVALUATING COSTS, GENL. (+) 173.00 ELEC. (+) 2345.00 | CONT | 90-P 7 JAN 77 |
| 20 | OMIT RADIOLOGY CASH ALLOWANCE. | 14 OCT 76 | 4 MAR 77 | CONTRACTORS SIGNING. MODIFICATION. | HOSP. CREDIT | 116-P 3 MARCH 1977 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 16 MAR 1977
SHEET 3 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|--|----------------------|-------------------|---|-----------------------------|------------------------|
| 21 | FLOOR 2 ADMISSIONS AREA CHANGE PER PHASE II PLANS, | 19 JAN 77 | 4 MAR 77 | HSPO REVIEWING FOR APPROVAL TO ISSUE. | HOSP. | 120-P 3 MARCH 1977 |
| 22 | MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS. | 16 JUN 76 | 15 MAR 77 | HSPO TO REVIEW FOR APPROVAL TO ISSUE. | 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 | ARCH'T. TO PREPARE MOD. | CONT. \$400 | |
| 24 | ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W, REVISE EXISTING PIPING & DVCTS. | 26 MAY 76 | 1 APR 77 | ARCH'T. TO PREPARE MOD. | CONT. \$200 | |
| 25 | REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK. | FIELD | 15 JAN 77 | ARCH'T. EVALUATING COSTS. GENL. (+) 537.00 ELVC. (+) 184.00 | 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 | CONTRACTORS COSTING | CONT. CREDIT \$10,000 | 79-E 15 DEC 76 |
| 28 | OMIT ALL FIELD PAINTING OF STRUCTURAL STEEL. | 20 MAY 76 | 1 MAR 77 | CONST. COORDINATOR/HSPO TO COMPLETE MOD PROCESSING. | CONT. CREDIT \$5,700 | 115-E 1 MAR 77 |
| 29 | WEST PLAZA DRAINAGE SYSTEM PROVISIONS | 17 NOV. 76 | 1 MAR 77 | CONTRACTORS COSTING. | CONT. | 114-E 28 FEB 77 |
| 30 | OMIT STAINLESS STEEL FLASHING RELATED TO PLAZA CONSTRUCTION. | 17 NOV. 76 | 1 MAR. 77 | CONST. COORDINATORY HSPO TO COMPLETE MOD. PROCESSING. | CONT. CREDIT \$10,400 | 118-E 1 MAR 77 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 16 MAR 1977
SHEET 4 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|--|----------------------|-------------------|---|---------------------------|------------------------|
| 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 | CONTRACTORS COSTING. | HOSP. \$ 900 | 112-P 28 FEB 77 |
| 36 | CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11. | 15 NOV. 76 | 1 FEB 77 | CONTRACTORS COSTING | D. SURGERY EST. \$ 59,900 | 94-P 1 FEB 77 |
| 37 | LAB MEDICINE CASEWORK CHANGE FOR ROOM 1-192. | 15 DEC 76 | 1 FEB 77 | CONTRACTORS COSTING | HOSP. | 97-P 1 FEB 77 |
| 38 | PROVIDE RADIATION SUPPORTS IN SHELL SPACE | 10 JAN 77 | 1 FEB 77 | 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 16 MAR 1977
SHEET 5 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|---|----------------------|-------------------|---|----------------------------------|------------------------------|
| 41 | ELECTRICAL CONTRACTOR INSTALLED UOFM SUPPLIED LIGHT FIXTURES. | FIELD 3 NOV 76 | _____ | ARCH'T TO PREPARE MOD. | CONT. \$168 | |
| 42 | GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS. | FIELD 5 JAN 77 | _____ | ARCH'T TO PREPARE MOD. | UNIT A CONTRACTOR \$10,118 | |
| 43 | MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES. | 14 DEC 76 | 15 FEB 77 | CONTRACTORS COSTING | 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 | CONTRACTORS COSTING. | 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 | CONTRACTORS COSTING | HOSP. | 98-P 2 FEB 77 |
| 47 | ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7. | 2 FEB 77 | 1 MAR 77 | CONTRACTORS COSTING | CONT/USER | 105-P 16 FEB 77 |
| 48 | MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION) | 2 FEB 77 | 22 FEB 77 | CONTRACTORS COSTING. | 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 | CONTRACTORS COSTING | CONT. CREDIT | 107-E 21 FEB 77 |
| 50 | CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTOSCOPE./OPHTHALMOSCOPE | 2 FEB 77 | 1 APR 77 | ARCH'T TO PREPARE MOD. PER LETTER REC'D 7 FEB. | HOSP. | |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 16 MAR 1977
SHEET 6 OF 8

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|-----|--|----------------------|-------------------|---|--------------------------|------------------------|
| 51 | NOURISHMENT STATION CHANGE | 2 FEB 77 | 1 APR 77 | ARCH'T TO PREPARE MOD. PER LETTER 1 FEB 77 | | |
| 52 | FLOOR 2 OBERVATION WINDOW ADDITION. | 2 FEB 77 | 1 APR 77 | ARCH'T TO PREPARE MOD. | | |
| 53 | FLOOR 8 E.N.T. CLINIC CHANGES INCLUDING THE ADDITION OF A FOLDING PARTITION | 2 FEB 77 | | HSPO/USERS TO PROVIDE FINAL REQUIREMENTS. | | |
| 54 | REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS; BSM'T & FLOORS 10 & 15. | 2 FEB 77 | | CONTRACTORS COSTING. | | 106-A 21 FEB 77 |
| 55 | REVISE PLAS. LAM. LOCKERS IN ROOMS 1-284 & 286 BY ADDING PADLOCK HASPS. | ———— | 15 FEB 77 | CONTRACTORS COSTING | | 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 | CONTRACTORS COSTING | | 101-P 14 FEB 77 |
| 57 | MODIFY CORE 26 ON FLOOR 9 TO ALLOW INSTALLATION OF ELECTRICAL PANELS. | 17 FEB 77 | | CONTRACTORS COSTING. | | 113-E 28 FEB 77 |
| 58 | MODIFY CONTROL ROOMS OF RADIOLOGY ROOMS; 1-232, 235, 240 AND 242. | 18 FEB 77 | 7 MAR 77 | HSPO REVIEWING FOR APPROVAL TO ISSUE. | | 122-P 4 MARCH 77 |
| 59 | OMIT MACHINE ROOM SLAB ABOVE FUTURE ELEVATOR NO. 1. | 16 FEB 77 | 7 MAR 77 | CONTRACTORS COSTING. | | 119-E 8 MARCH 77 |
| 60 | FIELD ORDER TO STOP INSTALL. OF PRECAST CONC. BENCHES IN WEST AREA | | | G. HUGHES TO ADVISE ARCH'T OF CHANGES DESIRED | | |

FIELD
ORDER

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 16 MAR 1977
SHEET 7 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|--|----------------------|-------------------|--|--------------------------|------------------------|
| 61 | ADD ELEC. DISCONNECT SWITCH TO ELEV. CONTROLLERS FOR ELEV. 4, 5 & 6 PER LETTER BY STATE. | 20 JAN 77 | 1 APR 77 | ARCH'T TO PREPARE MOD. | | |
| 62 | ADJUST CASH ALLOWANCE FOR A.D. SEATING TO BID AMOUNT. | 2 FEB 77 | 4 MAR 77 | CONST. COORDINATORY/HSPD TO COMPLETE MOD PROCESSING. | CONT. CREDIT \$ 2,900 | 117-P 8 MARCH, 77 |
| 63 | OMIT AIR COMPRESSOR FOR AUTOMATIC DOORS 1-61 & 296. | 20 JAN 77 | | CONTRACTOR TO PROVIDE COST TO ARCHITECT | CREDIT | |
| 64 | CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. | | | | | |
| 65 | OMIT AIR BLENDERS FOR 100% OUTSIDE AIR UNITS S-1C AND S-18C. | | | CONTRACTORS COSTING. | CREDIT | 109-A 21 FEB 77 |
| 66 | ALLOW MASON INDUSTRIES TYPE ESN FLOATING FLOOR SYSTEM IN AIR CHAMBERS | 2 FEB 77 | 15 APR 77 | ARCH'T TO PREPARE MOD. | CREDIT \$ 1,200 | |
| 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. | | | HSPD TO ADVISE ARCH'T OF CHANGE DESIRED. | | |
| 70 | UNIT B/C PHASE II INTERFACE MOD. FLOOR 9 | 28 JAN 77 | 21 MAR 77 | ARCH'T TO PREPARE MOD. | | |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 16 MAR 1977
SHEET 8 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|--|----------------------|-------------------|---|--------------------------|------------------------|
| 71 | PROVIDE MIRRORS & COAT HOOKS IN AMBULATORY SURGERY ROOMS 1-301, 302, 303 | 31 AUG 76 | 1 APR 77 | ARCH'T TO PREPARE MOD. | | |
| 72 | PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370 | _____ | 1 APR. 77 | ARCH'T TO PREPARE MOD. | | |
| 73 | REVISE DELAWARE STREET GRATINGS FOR DRAINS ON GRIDS E5 AND E15. | 24 FEB 77 | 1 APR 77 | ARCH'T TO PREPARE MOD. WORK ALREADY DONE | CONT. \$ 946 | |
| 74 | ADD ACOUSTIC INSULATION TO FLOOR 15 AIR CHAMBERS | 1 MAR 77 | | ARCH'T AND CONTRACTOR EVALUATING CHANGE REQUIREMENTS. | | |
| 75 | PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE MGMT. CONTROL ROOM. | | 1 APR. 77 | ARCH'T. TO PREPARE MOD. | | |
| 76 | Consider 57 door changes for Hospital. | | | | | |
| 77 | | | | | | |
| 78 | | | | | | |
| 79 | | | | | | |
| 80 | | | | | | |

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: 16 March 1977
 SUBJECT: Unit B/C Progress Meeting
 PRESENT: Messrs; Maupin, Swanson, Dickler, Kujawa, Nelson, Campbell,
 Kogl, Ms. Satorius, John Patterson, and Dick Carlson.

| ITEM | ACTION/RESPONSE | | | | | | | | | | | | | | |
|--|--|--|---|----------------------------------|----|--|---|--|----|-----------------------------------|---|-------------------------|---|--------------|-----------|
| 1. Project Schedule. | <p>The current schedule information indicates the following for substantial completion:</p> <p>a. Floors 11 and 12 - 7 October 1977 b. Phase I - 29 November 1977</p> <p>The Construction Coordinator and Schedule Manager recently met with the Electrical Contractor. His manpower is below that required to finish the work on early side. Further meetings will be held to review the work status.</p> <p>Maupin expressed concern regarding the Contractors attitude toward the project schedule. The University is presently planning the use of the space in accordance with the project schedule. Final inspection "punch-out" procedures should not exceed thirty days.</p> | | | | | | | | | | | | | | |
| 2. Status of Proposed Changes and Modifications. | <p>The Monitoring Schedule dated 16 March 1977 was reviewed with the following comments:</p> <p>a. There was one new change added to the list since 2 March 1977.</p> <p>b. The status of changes are as follows:</p> <table border="0" data-bbox="760 1675 1588 1898"> <tr> <td>1. U of M to provide requirements to Architect..</td> <td>9</td> </tr> <tr> <td>2. Architect to prepare Mod.....</td> <td>18</td> </tr> <tr> <td>3. HSPO reviewing Mod. for approval.....</td> <td>6</td> </tr> <tr> <td>4. Contractors costing approved Mod.....</td> <td>23</td> </tr> <tr> <td>5. Change completed as a Mod.....</td> <td>9</td> </tr> <tr> <td>6. Other condition.....</td> <td>8</td> </tr> <tr> <td><u>Total</u></td> <td><u>75</u></td> </tr> </table> | 1. U of M to provide requirements to Architect.. | 9 | 2. Architect to prepare Mod..... | 18 | 3. HSPO reviewing Mod. for approval..... | 6 | 4. Contractors costing approved Mod..... | 23 | 5. Change completed as a Mod..... | 9 | 6. Other condition..... | 8 | <u>Total</u> | <u>75</u> |
| 1. U of M to provide requirements to Architect.. | 9 | | | | | | | | | | | | | | |
| 2. Architect to prepare Mod..... | 18 | | | | | | | | | | | | | | |
| 3. HSPO reviewing Mod. for approval..... | 6 | | | | | | | | | | | | | | |
| 4. Contractors costing approved Mod..... | 23 | | | | | | | | | | | | | | |
| 5. Change completed as a Mod..... | 9 | | | | | | | | | | | | | | |
| 6. Other condition..... | 8 | | | | | | | | | | | | | | |
| <u>Total</u> | <u>75</u> | | | | | | | | | | | | | | |

ITEM

ACTION/RESPONSE

- ✓ c. Change 15 (Pulmonary Function Lab, Floor 4) program expected to be resolved within two weeks.
- d. Change 53 (E.N.T. Clinic Folding Partition) program expected to be resolved within two weeks.
- e. Change 45 (Mod. 110-P, Otoneurology Floor 8) is expected to be a part of Phase II.
- f. Change 59 (Machine Room Slab, Elevator No. 1) will be handled as a field change and not require a modification (119-E).
- g. Change 76 (Reverse Swing of Doors 2-52, Second Floor West from Mayo to Pedestrian Link for exit purposes) was approved for preparation as a mod. Change 76 will be combined with Change 4 in mod. form.
- h. Preliminary Modifications 120-P through 124-E have not been approved yet by the Construction Coordination for issue to the Contractors.
- i. Modification 84-P additional cost of \$11,267.00 (Electrical Contractor) was discussed at length. HSAE has recommended that the cost is unreasonably excessive. Subsequent to this discussion Modification 84-P and 89-P were rejected by the Hospital. (89-P Electrical additional cost of \$1,353.00.)
- ✓ 3. Unit A Elevator No. 11. Change 22 Preliminary Mod. 125-P transmitted to HSP0/Construction Coordinator for review and approval.
- ✓ 4. Color/Material Selection. The Painting Schedule for Floors 11 and 12 was issued to the Contractors last week and the Schedule for the remaining Floors will be issued to them this week.
- The Floor 2 Concourse vinyl asbestos tile sample was submitted to HSP0/University Interiors for approval.
- ✓ 5. Contingency Fund. Remaining amount is approximately \$111,000.00 which will be reduced to approximately \$100,000.00 according to pending mod. estimates.
- Further reduction of this fund will result from the Diehl Hall Tunnel excavation/sheet piling work which is being performed on a T & M basis.
- ✓ 6. Unit B/C Phase II Work. Work is progressing as follows:
- a. Floors 1 and 2 interface Mod. 98-P still being costed by the Contractors.

ITEM

ACTION/RESPONSE

- b. Floor 2 admissions area Mod 120-P is presently being reviewed by HSP0 before issuing to the Contractors.
- c. Floor 9 Interface Mod will be sent for review to HSP0/Construction Coordinator the week of March 21st. The estimated cost for the completion of the Floor 9 Shell Space will be submitted to HSP0 this same week.
- d. Phase II bid documents will be ready for HSP0 review by mid June as previously scheduled. The Architects requesting HSP0 review of questions related to specification contractual relationships.
- e. The Architects indicated a preference for the Phase II work to be assigned to them as it occurs rather than having it "lumped" into larger packages.
- ✓ 7. Diehl Hall Remodeling. No further report. Central Administration is to confirm the space allocation.
- ✓ 8. M.T.S. Contract Status. Work on this system is progressing slowly. A section of ceiling will be left out to install the switch for station 7. The vertical riser pathway of the system is clear of obstructions. The Architects are to provide further definition to the Hospital of the work scope in Mayo.
- The installation of the link to Mayo through the First Floor West Area could proceed in May according to the present schedule.
- For the purpose of User notification, the Hospital would like further confirmation from the Schedule Manager when the West Area will be constructed and when the M.T.S. system will proceed.
- ✓ 9. Unit A and C Floor Elevation Relationships. The Contractors have not responded further by letter however are taking corrective action. Resolution of all resulting problems have not been determined by the Contractors.
- ✓ 10. Food Service on Floors 2 and 5. HSP0 expects to be able to schedule a meeting with the Architects for the first part of April to begin the work.
- ✓ 11. Auditorium Type Seating Sub Contract. The Carlko Company has submitted the Heywood Wakefield auditorium seating shop drawings to the Architects for approval. The shop drawing indicates a seat count of 300 permanent and 6 movable seats while the documents indicated 331 permanent and 9 movable seats.

325 Medical School

ITEM

ACTION/RESPONSE

A discrepancy of 34 seats therefore exists. The Architects and HSPO will pursue the solution to the problem with the Seating Sub Contractor.

12. Ceiling Changes.

The Architects transmitted a letter related to quantity purchase and "set-up" costs for the ceiling system. It was suggested that the University consider the purchase of extra ceiling system components to offset the high costs incurred of set-up charges for Mods which revise the ceiling. The Architects and HSPO will further consider this alternative.

cc: Meeting Attendees
Clinton Hewitt
John Scott
Duane Blanchard

NOTE: Current monitoring schedule of Proposed Changes attached.

Next Progress Meeting Wednesday March 30, 1977 at 10:00 AM

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 30 MAR 1977
SHEET 1 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|---|----------------------|-------------------|---|--------------------------------|------------------------|
| 1 | ADDITIONAL CASEWORK IN AUDIOLOGY CLINIC - ROOM 8-157 | 23 JUN 76 | 1 FEB 77 | ARCH'T. EVALUATING COSTS. GENL. (+) 3,101.00 ELEC. (+) 806.00 | HOSP. \$2,200 | 95-P 11 FEB 77 |
| 2 | SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1. | 26 MAY 76 | 1 JUL 77 | ARCH'T. TO PREPARE MOD. | HOSP. \$2,500 | |
| 3 | ENT. CLINIC AREA REDESIGN ON FLOOR 8. | 22 DEC 76 | 1 FEB 77 | CONTRACTORS COSTING | 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 | ARCH'T. TO DEVELOP A DESIGN SOLUTION FOR APPROVAL | HOSP. \$1,500 | |
| 5 | GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.R. - FLOOR 2. | 17 NOV. 76 | 1 MAR 77 | CONTRACTORS COSTING. | 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 | ARCH'T. TO PREPARE MOD. | HOSP. \$7,500 | |
| 8 | LIGHTING CHANGES IN CLINICS. | 19 JAN 77 | 15 FEB 77 | CONTRACTORS COSTING | HOSP. | 102-P 16 FEB 77 |
| 9 | ADDITION OF INTRUSION DETECTION SECURITY SYSTEM. DOOR PROVISIONS ONLY | 20 DEC 76 | 22 FEB 77 | HSPO REVIEWING FOR APPROVAL TO ISSUE. | 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 30 MAR 1977
SHEET 2 OF 8

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|-----|--|----------------------|-------------------|--|-----------------------------|---|
| 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 | ARCH'T TO PREPARE MOD. | HOSP. \$3,000 | |
| 13 | ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76. | 31 AUG 76 | 1 JAN 77 | MODS 84 & 89 REJECTED. MOD. 86, 87, 88 ON T.E.M. ARCHIT. EVALUATING 80, 81, & 85. | 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 | ARCHIT. EVALUATING COSTS. GENL. (-) 4590.00 MECH. (-) 2061.00 ELEC. (+) 2476.00 | 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 | CONTRACTORS COSTING | USER \$5,000 | 83-P 28 DEC 76 |
| 17 | REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK. | 28 OCT 76 | 1 JUL 77 | ARCH'T. TO PREPARE MOD. | CONT. \$550 | |
| 18 | ROOF DESIGN CHANGE BY UoFM FOR COST SAVINGS. | 17 NOV 76 | 1 MAR 77 | CONTRACTOR COSTING. | CONT. CREDIT | 124-E 7 MARCH 1977 |
| 19 | MISCELLANEOUS TELEPHONE CHANGES. | 18 AUG 76 | 1 JAN 77 | ARCHIT. EVALUATING COSTS. GENL. (+) 173.00 ELEC. (+) 2345.00 | CONT | 90-P 7 JAN 77 |
| 20 | OMIT RADIOLOGY CASH ALLOWANCE. | 14 OCT 76 | 4 MAR 77 | CONTRACTORS SIGNING. MODIFICATION. | HOSP. CREDIT | 116-P 3 MARCH 1977 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 30 MAR 1977
SHEET 3 OF 8

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|-----|--|----------------------|-------------------|--|-----------------------------|------------------------|
| 21 | FLOOR 2 ADMISSIONS AREA CHANGE PER PHASE II PLANS, | 19 JAN 77 | 4 MAR 77 | CONTRACTORS COSTING. | HOSP. | 120-P 3 MARCH 1977 |
| 22 | MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS. | 16 JUN 76 | 15 MAR 77 | CONTRACTORS COSTING. | 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 | ARCH'T. TO PREPARE MOD. | CONT. \$400 | |
| 24 | ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W, REVISE EXISTING PIPING & DVCTS. | 26 MAY 76 | 1 APR 77 | CONTRACTORS COSTING. | CONT. \$2,500 | 128-A 21 MARCH 1977 |
| 25 | REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK. | FIELD | 15 JAN 77 | ARCH'T. EVALUATING COSTS. GENL. (+) 537.00 ELRC (+) 184.00 | 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 | CONTRACTORS COSTING | 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 | CONTRACTORS COSTING. | 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 30 MAR 1977
SHEET 4 OF 8

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UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 30 MAR 1977
SHEET 5 OF 8

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|-----|---|----------------------|-------------------|---|----------------------------------|------------------------------|
| 41 | ELECTRICAL CONTRACTOR INSTALLED UOFM SUPPLIED LIGHT FIXTURES. | FIELD 3 NOV 76 | _____ | ARCH'T TO PREPARE MOD. | CONT. \$168 | |
| 42 | GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS. | FIELD 5 JAN 77 | _____ | ARCH'T TO PREPARE MOD. | UNIT A CONTRACTOR \$10,118 | |
| 43 | MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES. | 14 DEC 76 | 15 FEB 77 | CONTRACTORS COSTING | 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 | CONTRACTORS COSTING | 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 | CONTRACTORS COSTING | HOSP. | 98-P 2 FEB 77 |
| 47 | ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7. | 2 FEB 77 | 1 MAR 77 | CONTRACTORS COSTING | CONT/USER | 105-P 16 FEB 77 |
| 48 | MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION) | 2 FEB 77 | 22 FEB 77 | CONTRACTORS COSTING. | 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 | CONTRACTORS COSTING | CONT. CREDIT | 107-E 21 FEB 77 |
| 50 | CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTOSCOPE/OPHTHALMOSCOPE | 2 FEB 77 | 1 APR 77 | ARCH'T REVISION BY 15 MARCH 77 LETTER. NO MOD REQUIRED. | HOSP. | OMIT |

UNIT B/C - PROPOSED CHANGES & MODIFICATIONS MONITORING SCHEDULE

DATE 30 OR 1977
SHEET 6 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|--|----------------------|-------------------|---|--------------------------|------------------------|
| 51 | NOURISHMENT STATION CHANGE | 2 FEB 77 | 1 APR 77 | ARCH'T TO PREPARE MOD. PER LETTER 1 FEB 77 | | |
| 52 | FLOOR 2 OBERVATION WINDOW ADDITION. | 2 FEB 77 | 1 APR 77 | ARCH'T. TO PREPARE MOD. | | |
| 53 | FLOOR 8 E.N.I.T. CLINIC CHANGES INCLUDING THE ADDITION OF A FOLDING PARTITION | 2 FEB 77 | | ARCH'T. TO PREPARE MOD. | | |
| 54 | REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS; BSM'T & FLOORS 10 & 15. | 2 FEB 77 | | CONTRACTORS COSTING. | | 106-A 21 FEB 77 |
| 55 | REVISE PLAS. LAM. LOCKERS IN ROOMS 1-284 & 286 BY ADDING PADLOCK HASPS. | — | 15 FEB 77 | CONTRACTORS COSTING | | 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 | CONTRACTORS COSTING | | 101-P 14 FEB 77 |
| 57 | MODIFY CORE 26 ON FLOOR 9 TO ALLOW INSTALLATION OF ELECTRICAL PANELS. | 17 FEB 77 | | CONTRACTORS COSTING. <u>VOID.</u> | | 113-E 28 FEB 77 |
| 58 | MODIFY CONTROL ROOMS OF RADIOLOGY ROOMS; 1-232, 235, 240 AND 242. | 18 FEB 77 | 7 MAR 77 | CONTRACTORS COSTING. | | 122-P 4 MARCH 77 |
| 59 | OMIT MACHINE ROOM SLAB ABOVE FUTURE ELEVATOR NO. 1. | 16 FEB 77 | 7 MAR 77 | MOD 119-E <u>REJECTED.</u> | | 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 30 MAR 1977
SHEET 7 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|--|----------------------|-------------------|---|--------------------------|------------------------|
| 61 | ADD ELEC. DISCONNECT SWITCH TO ELEV. CONTROLLERS FOR ELEV. 4, 5 & 6 PER LETTER BY STATE. | 20 JAN 77 | 1 APR 77 | ARCH'T TO PREPARE MOD. | | |
| 62 | ADJUST CASH ALLOWANCE FOR A.D. 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 | | CONTRACTOR TO PROVIDE COST TO ARCHITECT | CREDIT | |
| 64 | CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. | | | | | |
| 65 | OMIT AIR BLENDERS FOR 100% OUTSIDE AIR UNITS S-1C AND S-1B. | | | CONTRACTORS COSTING. | CREDIT | 109-A 21 FEB 77 |
| 66 | ALLOW MASON INDUSTRIES TYPE ESN FLOATING FLOOR SYSTEM IN AIR CHAMBERS | 2 FEB 77 | 15 APR 77 | ARCH'T TO PREPARE MOD. | CREDIT \$ 1,200 | |
| 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. | | | HSPO TO ADVISE ARCH'T OF CHANGE DESIRED. | | |
| 70 | UNIT B/C PHASE II INTERFACE MOD. FLOOR 9 | 28 JAN 77 | 21 MAR 77 | HSPO REVIEWING FOR APPROVAL TO ISSUE. | | 129-P 28 MARCH 1977 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 30 MAR 1977
SHEET 8 OF 8

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
|-----|--|----------------------|-------------------|---|--------------------------|------------------------|
| 71 | PROVIDE MIRRORS & COAT HOOKS IN AMBULATORY SURGERY ROOMS 1-301, 302, 303 | 31 AUG 76 | 1 APR 77 | ARCH'T TO PREPARE MOD. | | |
| 72 | PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370 | — | 1 APR. 77 | CONTRACTORS CASTING. | | 127-A 18 MARCH 1977 |
| 73 | REVISE DELAWARE STREET GRATINGS FOR DRAINS ON GRIDS E5 AND E15. | 24 FEB 77 | 1 APR 77 | ARCH'T TO PREPARE MOD. WORK ALREADY DONE | CONT. \$ 946 | |
| 74 | ADD ACOUSTIC INSULATION TO FLOOR 15 AIR CHAMBERS | 1 MAR 77 | | ARCH'T AND CONTRACTOR EVALUATING CHANGE REQUIREMENTS. | | |
| 75 | PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE MGMT. CONTROL ROOM. | | 1 APR. 77 | HSPO REVIEWING FOR APPROVAL TO ISSUE. | | 126-E 18 MARCH 1977 |
| 76 | REVERSE SWING OF DOORS 2-52 SECOND FLOOR WEST FROM MAYO TO PEDSTRIAN LINK FOR ENT PURPOSE. | 16 MARCH 77 | | ARCH'T. TO PREPARE MOD. | | |
| 77 | ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121. | | | ARCH'T. TO PREPARE MOD. UPON AUTHORIZATION. | HOSP. \$1300 | |
| 78 | | | | | | |
| 79 | | | | | | |
| 80 | | | | | | |

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 and Duane E. Blanchard
DATE: 30 March 1977
SUBJECT: Unit B/C Progress Meeting
PRESENT: Messrs; Maupin, Swanson, Dickler, Kujawa, Nelson, Campbell, Kogl,
Ms. Satorius, Herb Zeller, Duane Blanchard and Dick Carlson.
NOTE: Next Progress Meeting Wednesday April 13, 1977 at 10:00 AM.

| <u>ITEM</u> | <u>ACTION/RESPONSE</u> | | | | | | | | | | | | | | | | |
|--|---|---|---|----------------------------------|----|--|---|--|----|-----------------------------------|---|-------------------------|---|-------|--|-------|----|
| 1. Project Schedule. | The West area is falling behind schedule. The Electrical Contractor has increased his manpower as required. A new schedule will be issued next week. The schedule dates should remain essentially the same as previously reported. | | | | | | | | | | | | | | | | |
| 2. Status of Proposed Changes and Modifications. | <p>The Monitoring Schedule dated 30 March 1977 was reviewed with the following comments:</p> <p>a. There were two new changes added to the list since 16 March 1977.</p> <p>b. The status of changes are as follows:</p> <table><tbody><tr><td>1. U of M to provide requirements to Architect.</td><td>9</td></tr><tr><td>2. Architect to prepare Mod.....</td><td>17</td></tr><tr><td>3. HSPO reviewing Mod. for approval.....</td><td>3</td></tr><tr><td>4. Contractors costing approved Mod.....</td><td>32</td></tr><tr><td>5. Change completed as a Mod.....</td><td>9</td></tr><tr><td>6. Other condition.....</td><td>7</td></tr><tr><td colspan="2"><hr/></td></tr><tr><td>Total</td><td>77</td></tr></tbody></table> <p>c. Change 17 (Reimburse Electrical Contractor for Miscellaneous Field Work) and additional changes of this nature will be confirmed by the Construction Office and direction given to HSAE for processing of the change.</p> | 1. U of M to provide requirements to Architect. | 9 | 2. Architect to prepare Mod..... | 17 | 3. HSPO reviewing Mod. for approval..... | 3 | 4. Contractors costing approved Mod..... | 32 | 5. Change completed as a Mod..... | 9 | 6. Other condition..... | 7 | <hr/> | | Total | 77 |
| 1. U of M to provide requirements to Architect. | 9 | | | | | | | | | | | | | | | | |
| 2. Architect to prepare Mod..... | 17 | | | | | | | | | | | | | | | | |
| 3. HSPO reviewing Mod. for approval..... | 3 | | | | | | | | | | | | | | | | |
| 4. Contractors costing approved Mod..... | 32 | | | | | | | | | | | | | | | | |
| 5. Change completed as a Mod..... | 9 | | | | | | | | | | | | | | | | |
| 6. Other condition..... | 7 | | | | | | | | | | | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | |
| Total | 77 | | | | | | | | | | | | | | | | |

ITEM

ACTION/RESPONSE

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|--|--|
| 2. (continued) | <p>d. Change 57 (Core 26, Floor 9, change for electrical panels - Mod. 113-E) will be omitted since this revised work will be a part of the Floor 9 interface mod. (129-P).</p> <p>e. Change 59 (Omit machine room slab Elevator No. 1 - Mod. 119-E) has been omitted however the mechanical work of this change will be a new mod. (135-A).</p> <p>f. Change 77 (Pre vac cycle to Sterilizer S-217) is to proceed as a mod since field direction has been given to the Contractor for the change.</p> <p>g. Revision to 2nd Floor, O.A.D. Relay Room 2-94 will be added to the proposed change list (Change 79).</p> <p>h. Add observation window between Exam Rooms, 4th Floor Pediatrics will be added to the proposed change list (Change 80).</p> <p>i. Add casework to Hospital Classroom 9-138 will be added to the proposed change list (Change 81).</p> <p>j. Change 45 (Otoneurology, Floor 8 - Mod. 110-P). HSPO will provide a letter requesting that this be a part of Phase II as a <u>deduct alternate</u>.</p> |
| 3. Contingency Fund. | A report dated 30 March 1977 was provided. |
| 4. Unit B/C Phase II Work. | <p>The A/E work is progressing. The Phase II contract requirements and conditions will be discussed later today. (See TAC letter dated 14 March 1977)</p> <p>Floor 8 otoneurology work will be added to Phase II.</p> <p>Phase II costs were discussed.</p> |
| 5. Diehl Hall Remodeling. | No report. |
| 6. M.T.S. Contract Status. | <p>Work is progressing at an increasing rate.</p> <p>The M.T.S. work in the west portion of B/C must be done as a part of B/C Phase I. The existing conditions and design conflicts in the west area must be resolved as soon as possible.</p> <p>All M.T.S. work to be done after Phase I must be limited to areas inside Mayo Hospital.</p> |
| 7. Unit A and C Floor Elevation Relationships. | No report. |

ITEMACTION/RESPONSE

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|---|--|
| 8. Food Service on Floors 2 and 5. | No report. HSPO plans to have a project meeting within the next two weeks. |
| 9. Auditorium Type Seating Sub Contract. | The Architects proposed adding a row of seating of 9 or 10 additional seats to the present indicated shop drawing count of 316 seats. Subsequent to this review another meeting was held on April 5th to review the final scheme. The total seat count of 325 was approved by the School of Medicine at this meeting. The Architects transmitted the information to the Contractors and will formalize the revision in a modification. |
| 10. Ceiling Changes. | The Subcontractors quantities of various ceiling components as indicated in his letter are an inappropriate mix for a complete ceiling installation. Not enough of the "more standard" components such as the commonly used service panels are priced to effectively be evaluated. Costs of the components indicated are high. |
| 11. Radiology Status. | Construction status discussed as to the complications. |
| 12. Operation Analysis Room. | The modification to add this room should include the necessary air conditioning. |
| 13. Wall Mounting of Group II Equipment. | The coordination requirements and problems associated with the steel stud partitions were discussed. |

cc: Meeting Attendees
Clinton Hewitt
John Patterson

NOTE: Current Monitoring Schedule of Proposed Changes attached.

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 13 APRIL 1977
SHEET 1 OF 9

| 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 | ARCH'T. EVALUATING COSTS. GENL. (+) 3,101.00 ELEC. (+) 206.00 TOTAL (+) 3,307.00 | HOSP. \$2,200 | 95-P 11 FEB 77 |
| 2 | SECURITY ENCLOSURE FOR CART STORAGE AREA FLOOR 1. | 26 MAY 76 | 1 JUL 77 | ARCH'T. TO PREPARE MOD. | HOSP. \$2,500 | |
| 3 | ENTR. CLINIC AREA REDESIGN ON FLOOR 8. | 22 DEC 76 | 1 FEB 77 | ARCH'T. EVALUATING COSTS. GENL. (+) 11,388.00 MECH. (+) 3,138.00 ELEC. (+) 3,884.00 TOTAL (+) 18,410.00 | 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 | ARCH'T. TO DEVELOP A DESIGN SOLUTION FOR APPROVAL | HOSP. \$1,500 | |
| 5 | GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.P. - FLOOR 2. | 17 NOV. 76 | 1 MAR 77 | CONTRACTORS COSTING. | 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 | ARCH'T. TO PREPARE MOD. | HOSP. \$7,500 | |
| 8 | LIGHTING CHANGES IN CLINICS. | 19 JAN 77 | 15 FEB 77 | ARCH'T. EVALUATING COST. ELEC. (+) 7173.00 | HOSP. | 102-P 16 FEB 77 |
| 9 | ADDITION OF INTRUSION DETECTION SECURITY SYSTEM. DOOR PROVISIONS ONLY | 20 DEC 76 | 22 FEB 77 | CONTRACTORS COSTING. | 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 13 APRIL 1977
SHEET 2 OF 9

| 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 | ARCH'T TO PREPARE MOD. | HOSP. \$3,000 | |
| 13 | ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76. | 31 AUG 76 | 1 JAN 77 | WORKS 84 & 89 REVISED. MOD. 36, 87, 88 ON T&M. ARCH'T. EVALUATING 80, 81, & 85. | 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 | ARCH'T. EVALUATING COSTS. GENL. (-) 4590.00 MECH. (-) 2061.00 ELEC. (+) 2476.00 TOTAL (-) 4175.00 | HOSP. CREDIT \$4,000 | 82-P 28 DEC 76 |
| 15 | ADD A PULMONARY FUNCTION LAB ON FLOOR 4. | HOLD | | HOSP/USER MUST RESOLVE PROGRAM CHANGE NEEDED. | HOSP. | |
| 16 | ADD ROOM TO FAMILY PRACTICE ON FLOOR 6. | 5 NOV 76 | 1 JAN 77 | ARCH'T. EVALUATING COSTS. GENL. (+) 5320.00 MECH. (+) 3676.00 ELEC. (+) 1965.00 TOTAL (+) 10,961.00 | USER \$5,000 | 83-P 28 DEC 76 |
| 17 | REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK. | 28 OCT 76 | 1 JUL 77 | ARCH'T. TO PREPARE MOD. | CONT. \$550 | |
| 18 | ROOF DESIGN CHANGE BY UoFM FOR COST SAVINGS. | 17 NOV 76 | 1 MAR 77 | CONTRACTOR COSTING. | CONT. CREDIT | 124-E 7 MARCH, 1977 |
| 19 | MISCELLANEOUS TELEPHONE CHANGES. | 18 AUG 76 | 1 JAN 77 | ARCH'T. EVALUATING COSTS., GENL. (+) 173.00 ELEC. (+) 2345.00 TOTAL (+) 2518.00 | 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 13 APRIL 1977
SHEET 3 OF 9

| 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 | CONTRACTORS COSTING. | HOSP. | .120-P 3 MARCH 1977 |
| 22 | MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS. | 16 JUN 76 | 15 MAR 77 | CONTRACTORS COSTING. | 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 | ARCH'T. TO PREPARE MOD. | CONT. \$400 | |
| 24 | ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W, REVISE EXISTING PIPING & DVOTS. | 26 MAY 76 | 1 APR 77 | CONTRACTORS COSTING. | CONT. \$2,500 | 128-A 21 MARCH 1977 |
| 25 | REVISE ACCESS DOOR LOCATION CORE 31 AND REVERSE CATWALK. | FIELD | 15 JAN 77 | ARCHT. EVALUATING COSTS. GENL. (+) 537.00 ELEC. (+) 184.00 TOTAL (+) 721.00 | 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 | CONTRACTORS COSTING | 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 | CONTRACTORS COSTING. | 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 13 APRIL 1977
SHEET 4 OF 9

| 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 | ARCHT. EVALUATING COSTS. GENL. (+) 1286.00 ELEC. N.C. TOTAL (+) 1286.00 | HOSP. \$ 900 | 112-P 28 FEB 77 |
| 36 | CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11. | 15 NOV. 76 | 1 FEB 77 | CONTRACTORS COSTING. GENL. (+) 10,076.00 MECH. (+) 39,845.00 ELEC. _____ | 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 | ARCHT. EVALUATING COSTS. GENL. (+) 122.00 MECH. (+) 1876.00 ELEC. (+) 1759.00 TOTAL (+) 3757.00 | 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 13 APRIL 1977
SHEET 5 OF 9

| 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 LUFM SUPPLIED LIGHT FIXTURES. | FIELD 3 NOV 76 | _____ | ARCH'T TO PREPARE MOD. | CONT. \$ 168 | |
| 42 | GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS. | FIELD 5 JAN 77 | _____ | ARCH'T TO PREPARE MOD. | UNIT A CONTRACTOR \$10,118 | |
| 43 | MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES. | 14 DEC 76 | 15 FEB 77 | CONTRACTORS COSTING | 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 | ARCH'T. EVALUATING COST. GENL. (+) 1245.00 TOTAL (+) 1245.00 | 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 | CONTRACTORS COSTING GENL. (+) 942.00 ARCH (+) 30,886.00 ELEC. | HOSP. | 98-P 2 FEB 77 |
| 47 | ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7. | 2 FEB 77 | 1 MAR 77 | CONTRACTORS COSTING | CONT/USER | 105-P 16 FEB 77 |
| 48 | MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION) | 2 FEB 77 | 22 FEB 77 | CONTRACTORS COSTING. | 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 | CONTRACTORS COSTING | CONT. CREDIT | 107-E 21 FEB 77 |
| 50 | CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTOSCOPE / OPHTHALMOSCOPE. | 2 FEB 77 | 1 APR 77 | ARCH'T. REVISION BY 15 MARCH 77 LETTER. NO MOD REQUIRED. | HOSP. | OMIT |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 13 APRIL 1977
SHEET 6 OF 9

| 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 | HSPO REVIEWING FOR APPROVAL TO ISSUE | | 131-P 1 APRIL 77 |
| 52 | FLOOR 2 OBSERVATION WINDOW ADDITION. | 2 FEB 77 | 1 APR 77 | HSPO REVIEWING FOR APPROVAL TO ISSUE. | | 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 | ARCHT. TO PREPARE MOD. | | |
| 54 | REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS: BSM'T & FLOORS 10 & 15. | 2 FEB 77 | | CONTRACTORS COSTING. | | 106-A 21 FEB 77 |
| 55 | REVISE PLAS. LAM. LOCKERS IN ROOMS 1-284 & 286 BY ADDING PADLOCK HASPS. | — | 15 FEB 77 | ARCHT. EVALUATING COST, GENL. (+) 2439.00 TOTAL (+) 2439.00 | | 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 | CONTRACTORS COSTING | | 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 | CONTRACTORS COSTING. | | 122-P 4 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) | | 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 13 APRIL 1977
SHEET 7 OF 9

| 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 | CONTRACTOR COSTING. | | 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 | | CONTRACTOR TO PROVIDE COST TO ARCHITECT | CREDIT | |
| 64 | CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. | | | | | |
| 65 | OMIT AIR BLENDERS FOR 100% OUTSIDE AIR UNITS S-1C AND S-18C. | | | CONTRACTOR COSTING. | CREDIT | 109-A 21 FEB 77 |
| 66 | ALLOW MASON INDUSTRIES TYPE ESN FLOATING FLOOR SYSTEM IN AIR CHAMBERS | 2 FEB 77 | 15 APR 77 | ARCHT TO PREPARE MOD. | CREDIT \$ 1,200 | |
| 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 | ARCHT. TO PREPARE MOD. | | |
| 70 | UNIT B/C PHASE II INTERFACE MOD. FLOOR 9 | 28 JAN 77 | 21 MAR 77 | CONTRACTORS COSTING. | | 129-P 28 MARCH 1977 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 13 APRIL 1977
SHEET 8 OF 9

| 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 | CONTRACTOR COSTING | | 133-P 5 APRIL 77 |
| 72 | PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370 | _____ | 1 APR. 77 | CONTRACTORS COSTING. | | 127-A 18 MARCH 1977 |
| 73 | REVISE DELAWARE STREET GRATINGS FOR DRAINS ON GRIDS E5 AND E15. | 24 FEB 77 | 1 APR 77 | CONTRACTOR SIGNING MOD. | CONT. \$ 946 | 134-E 5 APRIL 77 |
| 74 | ADD ACOUSTIC INSULATION TO FLOOR 15 AIR CHAMBERS | 1 MAR 77 | 1 MAY 77 | ARCH'T AND CONTRACTOR EVALUATING CHANGE REQUIREMENTS. | | |
| 75 | PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE ALARM CONTROL ROOM. | | 1 APR. 77 | CONTRACTORS COSTING | | 126-E 18 MARCH 1977 |
| 76 | REVERSE SWING OF DOORS 2-52 SECOND FLOOR WEST FROM MAYO TO PEDISTRIAN LINK FOR ENT PURPOSE. | 16 MARCH 77 | 1 JUL. 77 | ARCH'T. TO PREPARE MOD. | | |
| 77 | ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121. | 30 MARCH 77 | | ARCH'T. TO PREPARE MOD. | \$1300.00 | |
| 78 | AIRES AND SEATING CHANGES TO ROOM 2-104 COUNCIL AUDITORIUM. | 5 APRIL 1977 | 15 APRIL 77 | HSPO REVIEWING FOR APPROVAL TO ISSUE. | | 136-A 12 APRIL 1977 |
| 79 | ADD DIVISIONS FOR RELAY ROOM 2-94. | 30 MARCH 1977. | | ARCH'T. TO PREPARE MOD. | | |
| 80 | ADD OBSERVATION WINDOW BTWN. EXAM ROOMS 4TH FLOOR | 31 MARCH 77 | | ARCH'T. TO PREPARE MOD. | | |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 13 APRIL 1977
SHEET 9 OF 9

| 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 | | HIPO TO PROVIDE HAE WITH REQUIREMENTS FOR ARCHIT PREPARATION OF MOD. | | |
| 82 | | | | | | |
| 83 | | | | | | |
| 84 | | | | | | |
| 85 | | | | | | |
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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 Blanchard
DATE: 13 April 1977
SUBJECT: Unit B/C Progress Meeting
PRESENT: Messrs; Maupin, Kogl, Swanson, Dickler, Nelson, Kujawa,
Campbell, Blanchard, Carlson, and Ms. Satorius.
NOTE: Next Progress Meeting Wednesday April 27, 1977 at 10:00 AM.

ITEM

ACTION/RESPONSE

- ✓1. Project Schedule.
- ✓ A new schedule dated 2 April 1977 was recently distributed indicating the following substantial completion dates:
 - ✓ a. Floors 11 and 12 - 30 August 1977
U of M moving could begin 1 September 1977.
 - ✓ b. Phase I - 21 December 1977
Earliest possible date - 1 December 1977.
 - ✓ The U of M Construction Staff is evaluating modifications for project schedule impact. A modification review meeting was held on 15 April with all parties in attendance.
 - ✓ The U of M plans to accept work on a floor by floor basis. There could be some difficulties with this procedure from the Unions.
 - ✓ The Hospital requests accurate schedule information related to User occupancy. The scheduled dates need documentation justifying the identified dates. A review meeting was held on 21 April 1977 with Mr. Hewitt concerning this subject.
- ✓2. Status of Proposed Changes and Modifications.
- The Monitoring Schedule dated 13 April 1977 was reviewed with the following comments:
- ✓ a. There were four new changes added to the list since 30 March 1977.
 - ✓ b. The status of changes are as follows: 4/27/77
 - ✓ 1. U of M to provide requirements to Architect..97
 - ✓ 2. Architect to prepare Mod.....15 1/2
 - ✓ 3. HSPO reviewing Mod. for approval.....3 E
 - ✓ 4. Contractors costing approved Mod.....24 2

ITEM

ACTION/RESPONSE

✓2. continued

- ✓5. Change completed as a Mod.....916
 - ✓6. Other condition.....88
 - ✓7. Architect evaluating costs.....1211
-
- Total 813

✓c. The following Modifications were reviewed for cost approval:

- U/M WRT FOR HAHC LETTER. →
- DELETE FLOOR →
- 2 FROM MOD.
- ✓1. 66-P - U of M will discuss with Premier
 - ✓2. 73-P - HSP0 will review further
 - ✓3. 81-P - Approved
 - ✓4. 82-P - Approved
 - ✓5. 85-P - Approved
 - ✓6. 90-P - Approved
 - ✓7. 91-E - Approved
 - ✓8. 95-P - Approved
 - ✓9. 112-P - Approved

✓3. Contingency Fund.

✓The B/C balance as of 12 April 1977 is \$73,800.

✓4. Unit B/C Phase II Work.

✓Work is progressing.

✓5. Diehl Hall Remodeling.

✓No report.

✓6. M.T.S. Contract Status.

✓The Mechanical and Electrical conflicts with the M.T.S. in the West area are being resolved. The Electrical items are nearly complete. The Mechanical conflicts will take more time to resolve.

✓7. Unit A and C Floor Elevation Relationship.

✓The U of M is evaluating specific problem items with the Contractors and resolving them. Floor 12 has had the most difficult problems to solve.

4/27/77
WILL MEET
w/ TAC
NEXT Wk

✓8. Food Service on Floors 2 and 5.

✓HSP0 will be completing the design documents shortly.

✓9. Auditorium Type Seating.

✓Mod. 136-A is ready for HSP0 review and approval to issue for costing. The Mod. provides for 325 total seats. The Contractors have been given all necessary construction information.

✓10. Ceiling Additions.

✓Need decision by U of M on pre-purchasing ceiling components based upon the Contractor's response to the requested cost and quantity information.

✓The Architect suggested that the purchase of extra ceiling components could be included in the Phase II Contract when additional ceiling material will be purchased.

✓HSP0 will evaluate for direction to the Architect.

✓11. Operation Analysis Dept. Relay Room Addition.

✓The modification is being developed.

ITEM

ACTION/RESPONSE

✓12. Extra Glass Units for Floors 3 and 4.

✓Dickler inquired as to the status of the extra glass units and the cost for additional units. The Architect indicated that this item was resolved and the extra units would be as specified. No cost was ever established since no one would establish a quantity of additional units desired.

✓The additional units specified are as follows:

✓a. 2 units for each size less than 24" wide.

✓b. 4 units for each size 24" wide or more.

See Meeting Notes dated 13 October 1976.

✓13. Site Visits by Non-Construction Personnel.

✓HSP0 would like to schedule walk-thrus periodically to minimize problems associated with visitors in the building who are not properly supervised.

cc: Meeting Attendees
Clinton Hewitt
John Scott
John Patterson

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 27 APRIL 1977
SHEET 1 OF 9

| 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 | ARCH'T. TO PREPARE MOD. | HOSP. \$2,500 | |
| 3 | ENT. CLINIC AREA REDESIGN ON FLOOR 8. | 22 DEC 76 | 1 FEB 77 | ARCH'T. EVALUATING COSTS. GENL. (+) 11,322.00 MECH. (+) 3,138.00 ELEC. (+) 3,884.00 TOTAL (+) 18,410.00 | 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 | ARCH'T. TO DEVELOP A. DESIGN SOLUTION FOR APPROVAL (COMBINE W/C-76). | HOSP. \$1,500 | |
| 5 | GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.R. - FLOOR 2. | 17 NOV. 76 | 1 MAR 77 | CONTRACTORS COSTING. | 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 | ARCH'T. TO PREPARE MOD. | HOSP. \$7,500 | |
| 8 | LIGHTING CHANGES IN CLINICS. | 19 JAN 77 | 15 FEB 77 | ARCH'T. EVALUATING COST. ELEC. (+) 7173.00 | HOSP. | 102-P 16 FEB 77 |
| 9 | ADDITION OF INTRUSION DETECTION SECURITY SYSTEM. DOOR PROVISIONS ONLY. | 20 DEC 76 | 22 FEB 77 | CONTRACTORS COSTING. 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

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SHEET 2 OF 9

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|-----|--|----------------------|-------------------|--|-----------------------------|---|
| 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 | ARCH'T TO PREPARE MOD. | HOSP. \$3,000 | |
| 13 | ADDITIONAL MISC. CHANGES IDENTIFIED ON LISTS DATED 23 APRIL 76 AND 4 JUN 76. | 31 AUG 76 | 1 JAN 77 | ROOMS 84 & 89 REJECTED. MOD. 86, 87, 88 ON T.E.M. ARCH'T. EVALUATING 80, 81 & 85 CHG. | 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 | ARCH'T. EVALUATING COSTS. GENL. (+) 5,320.00 MECH (+) 3676.00 ELEC (+) 1965.00 TOTAL (+) 10,961.00 | USER \$5,000 | 83-P 28 DEC 76 |
| 17 | REIMBURSE ELECTRICAL CONTRACTOR FOR MISC. FIELD WORK. | 28 OCT 76 | 1 JUL 77 | ARCH'T. TO PREPARE MOD. | CONT. \$550 | |
| 18 | ROOF DESIGN CHANGE BY UoFM FOR COST SAVINGS. | 17 NOV 76 | 1 MAR 77 | CONTRACTOR COSTING. | CONT. CREDIT | 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 27 APRIL 1977
SHEET 3 OF 9

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| 21 | FLOOR 2 ADMISSIONS AREA CHANGE PER PHASE II PLANS. | 19 JAN 77 | 4 MAR 77 | CONTRACTORS COSTING. | HOSP. | 120-P 3 MARCH 1977 |
| 22 | MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS. | 16 JUN 76 | 15 MAR 77 | CONTRACTORS COSTING. VERT. EXPORTN. \$13,775.00 | 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 | ARCH'T. TO PREPARE MOD. | CONT. \$400 | |
| 24 | ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W, REVISE EXISTING PIPING & DVOTS. | 26 MAY 76 | 1 APR 77 | CONTRACTORS COSTING. | CONT. \$2,500 | 128-A 21 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 | CONTRACTORS COSTING | 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 | CONTRACTORS COSTING. | 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 27 APRIL 1977
SHEET 4 OF 9

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|-----|--|----------------------|-------------------|--|---------------------------|------------------------|
| 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 | MMD. COMPLETED | HOSP. \$ 900 | 112-P 28 FEB 77 |
| 36 | CHANGES TO DR. NAJARIAN OFFICE AREA FLOOR 11. | 15 NOV. 76 | 1 FEB 77 | CONTRACTORS COSTING. GENL. (+) 10,076.00 MECH. (+) 39,845.00 E.P.C. | 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 | ARCHT. EVALUATING COSTS. GENL. (+) 122.00 MECH. (+) 1876.00 E.P.C. (+) 1759.00 TOTAL (+) 3757.00 | 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 27 APRIL 1977
SHEET 5 OF 9

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|-----|---|----------------------|-------------------|---|----------------------------------|------------------------------|
| 41 | ELECTRICAL CONTRACTOR INSTALLED UOFM SUPPLIED LIGHT FIXTURES. | FIELD 3 NOV 76 | _____ | ARCH'T TO PREPARE MOD. | CONT. \$ 168 | |
| 42 | GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS. | FIELD 5 JAN 77 | _____ | ARCH'T TO PREPARE MOD. | UNIT A CONTRACTOR \$10,118 | |
| 43 | MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES. | 14 DEC 76 | 15 FEB 77 | ARCHT. EVALUATING COSTS. GENL. (+) 858.00 MECH. (+) 208.00 TOTAL (+) 1066.00 | 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 | ARCHT. EVALUATING COST. GENL. (+) 1245.00 TOTAL (+) 1245.00 | 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 | CONTRACTORS COSTING GENL. (+) 942.00 MECH. (+) 30,886.00 ELEC. | HOSP. | 98-P 2 FEB 77 |
| 47 | ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7. | 2 FEB 77 | 1 MAR 77 | CONTRACTORS COSTING GENL. (+) 37,254.00 | CONT/USER | 105-P 16 FEB 77 |
| 48 | MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION) | 2 FEB 77 | 22 FEB 77 | ARCHT. EVALUATING CREDIT. MECH. (-) 2317.00 TOTAL - 2317.00 | 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 | ARCHT. EVALUATING COSTS. MECH N.C. TOTAL N.C. | 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 27 APRIL 1977
SHEET 6 OF 9

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| 53 | FLOOR 8 E.N.T. CLINIC CHANGES INCLUDING THE ADDITION OF A FOLDING PARTITION | 2 FEB 77 | 15 APR 77 | HSPO REVIEWING FOR APPROVAL TO ISSUE. | | 138-P |
| 54 | REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS: BSM'T & FLOORS 10 & 15. | 2 FEB 77 | | CONTRACTORS COSTING. | | 106-A 21 FEB 77 |
| 55 | REVISE PLAS. LAM. LOCKERS IN ROOMS 1-284 & 286 BY ADDING PADLOCK HASPS. | ————— | 15 FEB 77 | ARCHT. EVALUATING COST. GENL. (+) 1619.00 TOTAL (+) 1619.00 | | 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 | ARCHT. EVALUATING CREDIT. MECH. (-) 944.00 TOTAL (-) 944.00 | | 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 | CONTRACTORS COSTING. | | 122-P 4 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 27 APRIL 1977
SHEET 7 OF 9

| 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 | CONTRACTOR COSTING. | | 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 | | ARCHT. EVALUATING CREDIT. GENL. (-) 765.00 TOTAL (-) 765.00 | CREDIT \$ 765.00 | APPROVAL 2 FEB. 77 MOD. |
| 64 | CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. | | | HSPD/KOGL REVIEWING FOR APPROVAL TO ISSUE (ELEC. CHANGES ONLY). | | 141-P 22 APRIL 77 |
| 65 | OMIT AIR BLENDERS FOR 100% OUTSIDE AIR UNITS S-1C AND S-18C. | | | CONTRACTOR COSTING. | 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 | CONTRACTOR'S COSTING. | | 139-A 20 APRIL, 77 |
| 70 | UNIT B/C PHASE II INTERFACE MOD. FLOOR 9 | 28 JAN 77 | 21 MAR 77 | CONTRACTOR'S COSTING. | | 129-P 28 MARCH 1977 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 27 APRIL 1977
SHEET 8 OF 9

| 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 | CONTRACTOR COSTING, | | 133-P 5 APRIL 77 |
| 72 | PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370 | — | 1 APR. 77 | CONTRACTORS COSTING. | | 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 | ARCH'T AND CONTRACTOR EVALUATING CHANGE REQUIREMENTS, | | |
| 75 | PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE MGMT. CONTROL ROOM. | | 1 APR. 77 | CONTRACTORS COSTING | | 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 | ARCH'T. TO PREPARE MOD. (COMBINE WITH C-4) | | |
| 77 | ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121. | 30 MARCH 77 | | ARCH'T. TO PREPARE MOD. | \$1300.00 | |
| 78 | AIR-CL. AND SEATING CHANGES TO ROOM 2-104 CLINICAL AUDITORIUM. | 5 APRIL 1977 | 15 APRIL 77 | CONTRACTORS COSTING. (ELEC. TO BE T & M.) | | 136-A 12 APRIL 1977 |
| 79 | ADD PROVISIONS FOR REWAY ROOM 2-94. | 30 MARCH 1977 | 1 MAY 77 | ARCH'T. TO PREPARE MOD. | | |
| 80 | ADD OBSERVATION WINDOW BTWN. EXAM ROOMS 4TH FLOOR PEDIATRICS CLINIC. | 31 MARCH 77 | | HSPD REVIEWING FOR APPROVAL TO ISSUE. | | 140-P 18 APRIL 77 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 27 APRIL 1977
SHEET 9 OF 9

| NO. | DESCRIPTION OF PROPOSED CHANGE | DATE CHANGE APPROVED | ISSUE DATE REQ'D. | PROCESSING STATUS OF CHANGE | FUNDING SOURCE EST. COST | MOD. NO. & DATE ISSUED |
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| 81 | ADD CASEWORK TO HOSPITAL CLASS ROOM 9-138. | 30 MARCH '77 | | HSPO TO PROVIDE HIAE WITH REQUIREMENTS FOR ARCHT PREPARATION OF MOD. | | |
| 82 | UNIT B/C PHASE II INTERFACE MOD. FLOOR 8 | | MAY 6, '77 | ARCHT. TO PREPARE MOD. | | |
| 83 | | | | | | |
| 84 | | | | | | |
| 85 | | | | | | |
| 86 | | | | | | |
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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 Blanchard
DATE: 27 April 1977
SUBJECT: Unit B/C Progress Meeting
PRESENT: Messrs; Maupin, Kogl, Swanson, Dickler, Nelson,
Kujawa, Campbell, Blanchard and Carlson.
NOTE: Next Progress Meeting Wednesday May 11, 1977 at 10:00 AM.

ITEM

ACTION/RESPONSE

1. Project Schedule.

A new schedule will be issued next Monday which will include User input. Expect some improvement on the Floor 11 and 12 completion dates.

Schedule dates for opening into Mayo Floor 2 was discussed. November 1, 1977 was proposed and accepted as a target date.

Campbell indicated that the following modifications were critical to the construction schedule:

- a. Mod. 80-P - Revised elec. costs not submitted.
- b. Mod. 105-P - No mech. or elec. costs submitted.
- c. Mod. 121-P - No costs submitted.
- d. Mod. 122-P - No costs submitted.

The schedule for Level B occupancy was discussed. The Contractor will start cleaning work on 17 August 1977. Furniture is currently the schedule restraint.

Site finishing behind Masonic Hospital should be added to the construction schedule. Earliest possible completion is desired.

2. Status of Proposed Changes and Modifications.

The Monitoring Schedule dated 27 April 1977 was reviewed with the following comments:

- a. There was one new change added to the list since 13 April 1977.

ITEM

ACTION/RESPONSE

2. continued

b. The status of changes are as follows:

| | |
|---|-----------|
| 1. U of M to provide requirements to Architect..... | 7 |
| 2. Architect to prepare Mod..... | 12 |
| 3. HSP0 reviewing Mod. for approval..... | 5 |
| 4. Contractors costing approved Mod..... | 23 |
| 5. Change completed as a Mod..... | 16 |
| 6. Other condition..... | 8 |
| 7. Architect/University evaluating costs..... | 11 |
| <u>Total</u> | <u>82</u> |

c. The following Modifications were reviewed for cost approval:

1. 69-P - Gen. and mech. costs approved. Kogl will review elec. costs.
2. 83-P - HSP0 will review further and advise later today.
3. 94-P - Approved.
4. 96-P - Approved subject to U of M check on mech. costs.
5. 97-P - Approved.
6. 99-A - Approved.
7. 102-P - Kogl will review elec. costs.
8. 103-P - Approved.
9. 124-E - Kogl will review credit and guarantee.
10. 125-P - Hold approval until all costs are submitted including Westinghouse cost breakdown.

d. Action on miscellaneous items:

1. Change 63 was approved for a credit modification.
2. The Architect will provide the U of M with a letter regarding the electrical costs on Mod. 66-P for their review and action.
3. The Architect was directed to revise Mod. 73-P so that only Floor 3 items are included.

3. Contingency Fund.

No report.

4. Unit B/C Phase II Work.

Work in progress.

5. Diehl Hall Remodeling.

No report.

6. M.T.S. Contract Status.

Mod. 141-P covering electrical changes was forwarded to U of M for approval to issue.

The required mechanical changes have not been resolved.

ITEM**ACTION/RESPONSE**

- | | |
|--|--|
| 7. Food Service on Floors 2 and 5. | HSP0 expects to review the planning status with the Architect next week. |
| 8. Pre-Purchase of Ceiling Components. | The subject item was discussed with no specific decision. |
| 9. Extra Glass Units for Floors 3 and 4. | The subject was discussed and resolved that no change in the specified extra units was necessary. |
| 10. Early or Phased Occupancy. | HSP0 reported that Gus Scheffler is concerned about safety associated with any early occupancy. HSP0 will investigate subject further. |

NOTE: See Architect Meeting Notes dated 3 May 1977 regarding subject.

cc: Meeting Attendees
Clinton Hewitt
John Patterson

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE MAY 11, 1977
SHEET 1 OF 9

| 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 | ARCH'T. TO PREPARE MOD. | HOSP. \$2,500 | |
| 3 | ENT. CLINIC AREA REDESIGN, ON FLOOR 8. | 22 DEC 76 | 1 FEB 77 | CONST. COORDINATOR EVALUATING MECHANICAL COST. | 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 | ARCH'T. TO DEVELOP A DESIGN SOLUTION FOR APPROVAL (COMBINE W/C-76). | HOSP. \$1,500 | |
| 5 | GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.R. - FLOOR 2. | 17 NOV 76 | 1 MAR 77 | CONTRACTORS COSTING. | 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 | HSPD REVIEWING FOR APPROVAL TO ISSUE. | HOSP. \$7,500 | 147-P 6 MAY 77 |
| 8 | LIGHTING CHANGES IN CLINICS. | 19 JAN 77 | 15 FEB 77 | CONST. COORDINATOR EVALUATING ELECTRICAL COST. | HOSP. | 102-P 16 FEB 77 |
| 9 | ADDITION OF INTRUSION DETECTION SECURITY SYSTEM. DOOR PROVISIONS ONLY | 20 DEC 76 | 22 FEB 77 | CONTRACTORS COSTING. 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

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SHEET 2 OF 9

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|-----|--|----------------------|-------------------|--|---------------------------------|---|
| 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 | ARCH'T TO PREPARE MOD. | HOSP. \$3,000 | |
| 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 | | HSP0/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 | ARCH'T. TO PREPARE MOD. | CONT. \$550 | |
| 18 | ROOF DESIGN CHANGE BY UOFM FOR COST SAVINGS. | 17 NOV 76 | 1 MAR 77 | CONTRACTOR SIGNING. | 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 MAY 11, 1977
SHEET 3 OF 9

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| 21 | FLOOR 2 ADMISSIONS AREA CHANGE PER PHASE II PLANS. | 19 JAN 77 | 4 MAR 77 | CONTRACTORS COSTINGS. | HOSP. | .120-P 3 MARCH 1977 |
| 22 | MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS. | 16 JUN 76 | 15 MAR 77 | CONTRACTORS COSTING. CONTRACTOR SIGNING VERT. XPORTN. \$13,775.00 | 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 | ARCH'T. TO PREPARE MOD. | CONT. \$400 | |
| 24 | ADD 6" CONC. SLAB OVER MECH. ENCLOSURE STAIR G, FLOOR 2 W, REVISE EXISTING PIPING & DVCTS. | 26 MAY 76 | 1 APR 77 | ARCH'T. EVALUATING GENERAL COST OF (+) 641.00. MECHANICAL ON TIME & MATERIALS BASIC. | CONT. \$2,500 | 128-A 21 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 | ARCH'T. EVALUATING CREDITS. MECH. (-) 5816.00 ELEC. (-) 1299.00 TOTAL (-) 7065.00 | 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 | ARCH'T./ CONST. COORDINATOR EVALUATING MECH. COST. MECH. (+) 11,266.00 | CONT. | 114-E 28 FEB 77 |
| 30 | OMIT STAINLESS STEEL FLASHING RELATED TO PLAZA | 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

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SHEET 4 OF 9

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| 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 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

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SHEET 5 OF 9

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| 41 | ELECTRICAL CONTRACTOR INSTALLED UOFM SUPPLIED LIGHT FIXTURES. | FIELD 3 NOV 76 | _____ | ARCH'T TO PREPARE MOD. | CONT. \$ 168 | |
| 42 | GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS. | FIELD 5 JAN 77 | _____ | ARCH'T TO PREPARE MOD. | UNIT A CONTRACTOR \$10,118 | |
| 43 | MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMMODATE POWER FILES. | 14 DEC 76 | 15 FEB 77 | ARCH'T. EVALUATING COSTS. GENL. (+) 858.00 MECH. (+) 208.00 TOTAL (+) 1066.00 | 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 | ARCH'T. EVALUATING COSTS. GENL. (+) 942.00 MECH (+) 30,886.00 ELEC. (+) 21,221.00 TOTAL (+) 52,849.00 | HOSP. | 98-P 2 FEB 77 |
| 47 | ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7. | 2 FEB 77 | 1 MAR 77 | CONTRACTORS COSTING GENL. (+) 37,254.00 MECH (+) 34,177.00 TOTAL (+) 71,431.00 | CONT/USER | 105-P 16 FEB 77 |
| 48 | MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION) | 2 FEB 77 | 22 FEB 77 | ARCH'T. EVALUATING CREDIT. MECH. (-) 2317.00 TOTAL - 2317.00 | 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 | ARCH'T. EVALUATING N.C. MECH N.C. TOTAL N.C. | CONT. CREDIT | 107-E 21 FEB 77 |
| 50 | CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTOSCOPE / OPTHALMOSCOPE | 2 FEB 77 | 1 APR 77 | ARCH'T. REVISION BY 15 MARCH 77 LETTER, NO MOD REQUIRED. | HOSP. | OMIT |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

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SHEET 6 OF 9

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| 51 | NOURISHMENT STATION CHANGE | 2 FEB 77 | 1 APR 77 | CONTRACTORS COSTING, GENL. (+) 5920.00 MECH (+) TOTAL (+) | | 131-P 1 APRIL 77 |
| 52 | FLOOR 2 OBERVATION WINDOW ADDITION. | 2 FEB 77 | 1 APR 77 | CONTRACTORS COSTING. | | 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 | CONTRACTORS COSTING. | | 138-P 29 APRIL 77 |
| 54 | REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS; BSM'T & FLOORS 10 & 15. | 2 FEB 77 | | ARCHT. EVALUATING CREDIT. ELEC. (-) 170.00 | | 106-A 21 FEB 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 | ARCHT. EVALUATING CREDIT. MECH. (-) 944.00 TOTAL (-) 944.00 | | 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 | CONTRACTORS COSTING, GENL. (+) 8139.00 ELEC. TOTAL | | 122-P 4 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

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SHEET 7 OF 9

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| 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 | HSPD REVIEWING FOR APPROVAL TO ISSUE | CREDIT \$ 765.00 | 148-A MAY 6 1977 |
| 64 | CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. (ELECTRICAL WORK) | | | CONTRACTOR COSTING. | | 141-P 22 APRIL 77 |
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| 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 |
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| 70 | UNIT B/C PHASE II INTERFACE MOD. FLOOR 9 | 28 JAN 77 | 21 MAR 77 | CONTRACTORS COSTING. GENL. MECH. ELEC. TOTAL (+) 9283.00 | | 129-P 28 MARCH 1977 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 11 MAY 1977
SHEET 8 OF 9

| 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 | CONTRACTOR COSTING, | | 133-P 5 APRIL 77 |
| 72 | PROVIDE TWO CLG. ACCESS PANELS IN ROOM 1-370 | _____ | 1 APR. 77 | CONTRACTORS COSTING. GENL. (+) 281.00 MECH. _____ TOTAL _____ | | 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 | ARCH'T AND CONTRACTOR EVALUATING CHANGE REQUIREMENTS, | | |
| 75 | PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE MGMT. CONTROL ROOM. | | 1 APR. 77 | CONTRACTORS COSTING. GENL. (+) 1423.00 MECH. _____ ELEC. (+) 46.00 TOTAL _____ | | 126-E 18 MARCH 1977 |
| 76 | REVERSE SWING OF DOORS 2-52 SECOND FLOOR WRET FROM MAYO TO PEDISTRIAN LINK FOR EXIT PURPOSE | 16 MARCH 77 | 1 JUL. 77 | ARCHT. TO PREPARE MOD. (COMBINE WITH C-4) | | |
| 77 | ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121. | 30 MARCH 77 | | HSPD REVIEWING FOR APPROVAL TO ISSUE. | \$1300.00 | 149-P 9 MAY 1977 |
| 78 | ACCE. AND SEATING CHANGES TO ROOM 2-104 CLINICAL AUDITORIUM. | 5 APRIL 1977 | 15 APRIL 77 | CONTRACTORS COSTING. (ELEC. TO BE T & M.) | | 136-A 12 APRIL 1977 |
| 79 | ADD PROVISIONS FOR RELAY ROOM 2-94. | 30 MARCH 1977 | 1 MAY 77 | HSPD REVIEWING FOR APPROVAL TO ISSUE. | | 144-P 2 MAY 77 |
| 80 | ADD OBSERVATION WINDOW BTWN. EXAM ROOMS 4TH FLOOR PEDIATRICS CLINIC. | 31 MARCH 77 | | CONTRACTOR COSTING. | | 140-P 18 APRIL 77 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 11 MAY 1977
SHEET 9 OF 9

| 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 | | HPO TO PROVIDE H/A/E WITH REQUIREMENTS FOR ARCHT PREPARATION OF MOD. | | |
| 82 | UNIT B/C PHASE II INTERFACE - MOD. FLOOR 8 | | MAY 15, '77 | ARCHT. TO PREPARE MOD. | | |
| 83 | | | | | | |
| 84 | | | | | | |
| 85 | | | | | | |
| 86 | | | | | | |
| 87 | | | | | | |
| 88 | | | | | | |
| 89 | | | | | | |
| 90 | | | | | | |

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 Blanchard
DATE: 11 May 1977
PRESENT: Messrs; Maupin, Dickler, Nelson, Kujawa,
Campbell, Blanchard and Carlson.
NOTE: Next Progress Meeting Wednesday May 25, 1977 at 10:00 AM.

ITEM

ACTION/RESPONSE

✓1. Project Schedule.

The current schedule (2 May 1977) indicates the following completion dates:

- A. Floors 11 & 12 - 29 Sep. 77 Substantial completion
- 16 Dec. 77 User occupancy
- B. Total Phase I - 16 Dec. 77 Substantial completion
- 7 Feb. 77 User occupancy

Note: Phase I User occupancy date is a computer date only.

HSPO indicated that construction in Mayo associated with the 5th Floor link cannot occur until Floor 11 can be occupied by the User.

Dickler suggested that a logic diagram (Bar Chart) be developed to display the sequence of events associated with the completion of construction and occupancy by the Owner.

✓2. Status of Proposed Changes and Modifications.

The Monitoring Schedule dated 11 May 1977 was reviewed with the following comments:

- A. There were no new changes added to the list since 27 April 1977.
- B. The status of changes are as follows:
 - 1. U of M to provide requirements to Architect..8
 - 2. Architect to prepare Mod.....9
 - 3. HSPO reviewing Mod. for approval.....4
 - 4. Contractors costing approved Mod.....19
 - 5. Change completed as a Mod.....21
 - 6. Other condition.....9
 - 7. Architect/University evaluating costs.....12

Total

82

ITEM**ACTION/RESPONSE****2. Continued****C. The status of certain modifications was reviewed:**

1. 66-P - The Construction Coordinators Office is currently evaluating the Electrical Cost of this Modification.
- ✓2. 69-P - Modification has been sent to the Contractors for signature.
- ✓3. 73-P - Electrical Contractor to confirm the cost for the Third Floor work.
4. 83-P - Modification rejected by HSPO.
5. 94-P - Modification completed.
6. 96-P - The Construction Coordinators Office is currently evaluating the Mechanical Cost of this Modification.
7. 102-P - Modification has been sent to the Contractors for signature.
8. 124-P - Approval is based upon two year roofing guarantee. The Modification has been sent to the Contractor for signature.
9. 125-P - Vertical Transportation Section has been approved and sent to this Contractor for signature. The General and Mechanical Contractors have not submitted costs.
10. 148-A - HSPO is reviewing for approval to issue to Contractors for quotation.

D. The following modifications were noted as being critical to the project schedule.

1. 55-A - The Architects will complete their evaluation.
2. 98-P - The Architects will complete their evaluation and report the results to HSPO as soon as possible.
3. 120-P - The Contractors have not submitted their quotations.
4. 122-P - The Electrical Contractor has not submitted his quotation.

E. The following modifications were reviewed for cost approval:

1. 101-P - Mechanical credit of \$944.00 was approved.
2. 128-A - General cost of \$641.00 was approved. Mechanical is T & M.
3. 133-P - General cost of \$391.00 was approved.

3. Contingency Fund.

HSPO provided a contingency report dated May 11, 1977. Contingency fund balance indicated is \$35,602.

ITEM

ACTION/RESPONSE

4. Unit B/C Phase II Work.

Work is progressing. A logic diagram is needed to identify the sequence of events and critical items.

Elevator No. 1 is approved for addition to Phase II as a Phase I Contract Modification.

The current schedule dates are as follows:

- 15 June 1977 - C.D. for U of M review.
- 14 July 1977 - Start Bid Period.
- 16 Aug. 1977 - Receive Bids.
- 15 Sep. 1977 - Award Contract.
- 1 Oct. 1977 - Construction begin.

5. Diehl Hall Remodeling.

No report. HSPO anticipates resolution to the project hold about 1 July 1977.

6. M.T.S. Contract Status.

Work is progressing satisfactorily. Mosler and the Hospital are checking existing conditions inside Mayo Hospital.

M.T.S. Modifications are in process as follows:

- 141-P - Waiting for Electrical costs.
- 142-P - HSPO reviewing for approval to issue.
- 150-E - T & M Modification.

The West area modification is being developed by the Architect.

✓7. Food Service on Floors 2 and 5.

A review meeting was held with the Architect on 9 May 1977. The Architect is evaluating the planning documents.

✓8. Pre-Purchase of Ceiling Components.

No decision on this subject can be made at this time.

✓9. Early or Phased Occupancy.

Attached is a copy of the Meeting Notes, dated 3 May 1977, regarding Code and Safety Requirements for phased occupancy.

✓10. Future Changes.

Campbell recommended that changes be minimized so as not to cause completion delays.

✓11. Time and Material Changes.

All T & M work is administered and monitored by the U of M Construction Staff.

✓12. Elevator Floor Indicator Graphics.

HSPO will resolve with the Contractor the design provisions for the floor indicators.

13. Floor Finish in Animal Rooms.

HSPO and the Architect will investigate concerns stated by Dr. Manning.

cc: Meeting Attendees
Clinton Hewitt

Robert Swanson
John Patterson

Eugene Kogl

MEETING NOTES

DATE: 3 May 77

PRESENT: Scheffler, Swanson, Zeller

SUBJECT: Code Considerations related to B/C Phase II Contractor Access Routes

Half-scale plans of Floors B, B-Mezz., 1, 2, 3, 6, 7, 8, and 9 were reviewed, which showed contractor access to complete B/C Phase II. The following comments were made:

NINTH FLOOR:

1. Sprinkler and smoke detector coverage of the staff elevator lobby, which will be divided into two halves, must be maintained on the occupied side. Similarly, where other dust partitions restrict coverage, reasonable fire protection shall be maintained.
2. Exit lights and signage which are concealed or do not apply must be corrected to define a clear direction to the exits from any occupied Phase I area. The University will assume responsibility for temporary signage in the occupied area.

EIGHTH FLOOR:

1. Same as 9th Floor.

SEVENTH FLOOR:

1. Limited Phase II access creates no problems except security for stored material.

SIXTH FLOOR:

1. Contractors' offices will have to be sprinklered.
2. Two means of egress from Contractors' offices is necessary. An exit through shell space to a stair is acceptable.

THIRD FLOOR:

1. The fire management room must be accessible to the Fire Department. Provide emergency doors in all three dust partitions enclosing Phase II contractors' access route to elevators. Keys to these doors shall be in a box which has a lock openable with Fire Department key.
2. Fire truck access to the plaza area should be made possible by providing a set of gates at both ends of the loading area.
3. Dead end corridors created by the dust partitions can be alleviated by emergency exit doors. These must be provided.
4. Some as 9th Floor.

SECOND FLOOR:

1. Same as 9th Floor.
2. Provide doors on opposite sides of the access corridor for emergency use to eliminate dead end corridor on north side of access route.
3. Emergency door at ends of Medicine Clinic corridors are satisfactory for egress from that area.

FIRST FLOOR:

1. Emergency door at end of Corridor to allow access to stair is required. This door is already part of Phase I and will be maintained open.
2. Same as 9th Floor.

BASEMENT AND B-MEZZANINE:

1. No dust partitions are to be installed on these floors; therefore, no code problems are created.

OTHER ITEMS:

1. Adequate emergency lighting will be maintained.
2. Scheffler indicated his opinion that rooms rendered inaccessible to occupants by Phase II contractors' access routes should not be used.

cc: Messrs: Kogl
Maupin
J. Kellet
File (2)

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE MAY 25, 1977
SHEET 1 OF 9

| 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. TO PREPARE MOD. | HOSP. \$2,500 | |
| 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 | ARCHT. TO DEVELOP A DESIGN SOLUTION FOR APPROVAL (COMBINE W/C-76). | HOSP. \$1,500 | |
| 5 | GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.P. - FLOOR 2. | 17 NOV. 76 | 1 MAR 77 | CONTRACTORS COSTING. (MECH. CONTRACTOR REVISING COST). | 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 | HSPD REVIEWING FOR APPROVAL TO ISSUE. | HOSP. \$7,500 | 147-P 6 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 MAY 25, 1977
SHEET 2 OF 9

| 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 | ARCH'T TO PREPARE MOD. | HOSP. \$3,000 | |
| 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 | | HOSP/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 | ARCHIT. TO PREPARE MOD. | CONT. \$550 | |
| 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 MAY 25, 1977
SHEET 3 OF 9

| 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 | CONTRACTORS COSTING. | HOSP. | .120-P 3 MARCH 1977 |
| 22 | MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS. | 16 JUN 76 | 15 MAR 77 | CONTRACTORS COSTING. VERTICAL TRANSPORTATION MOD DIVISION COMPLETE. | 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 | ARCH'T. TO PREPARE MOD. | CONT. \$400 | |
| 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. MECHANICAL ON TIME & MATERIALS BACK. | CONT. \$2,500 | 128-A 21 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 | ARCH'T. EVALUATING CREDITS. MECH. (-) 5816.00 ELEC. (-) 1249.00 TOTAL (-) 7065.00 | 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 | ARCH'T./CONST. COORDINATION EVALUATING MECH. COST. MECH. (+) 11,266.00 | 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 MAY 25, 1977
SHEET 4 OF 9

| 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 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE MAY 25, 1977
SHEET 5 OF 9

| 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 | _____ | ARCH'T TO PREPARE MOD. | CONT. \$ 168 | |
| 42 | GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS. | FIELD 5 JAN 77 | _____ | ARCH'T TO PREPARE MOD. | UNIT A CONTRACTOR \$10,118 | |
| 43 | MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES. | 14 DEC 76 | 15 FEB 77 | ARCHT. EVALUATING COSTS. GENL. (+) 858.00 MECH. (-) 208.00 TOTAL (+) 1066.00 | 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 | M/D 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 | M/D COMPLETED | HOSP. | 98-P 2 FEB 77 |
| 47 | ADDITION OF MED. TECH. CART STORAGE ON FLOOR 7. | 2 FEB 77 | 1 MAR 77 | CONTRACTORS COSTING GENL. (+) 37,254.00 MECH. (+) 34,177.00 TOTAL (+) | CONT/USER | 105-P 16 FEB 77 |
| 48 | MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION) | 2 FEB 77 | 22 FEB 77 | ARCHT. EVALUATING CREDIT. MECH. (-) 2317.00 TOTAL - 2317.00 | 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 | ARCHT. EVALUATING N.C. MECH. N.C. TOTAL N.C. | 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 MAY 25, 1977
SHEET 6 OF 9

| 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 | ARCHT. EVALUATING COSTS GENL. (+) 5920.00 ELEC. (+) 281.00 TOTAL (+) 6151.00 | | 131-P 1 APRIL 77 |
| 52 | FLOOR 2 OBERVATION WINDOW ADDITION. | 2 FEB 77 | 1 APR 77 | CONTRACTORS COSTING. | | 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 | CONTRACTORS COSTING. | | 138-P 29 APRIL 77 |
| 54 | REVISE TEMPERATURE CONTROL SYSTEM FEATURES IN CERTAIN AREAS; BSM'T & FLOORS 10 & 15. | 2 FEB 77 | | ARCHT. EVALUATING CREDIT. ELEC. (-) 170.00 | | 106-A 21 FEB 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 | CONTRACTORS COSTING, GENL. (+) 8139.00 ELEC. — TOTAL — | | 122-P 4 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 25 MAY 1977
SHEET 7 OF 9

| 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 | ARCH'T. EVALUATING COST ELEC. (+) 4828.00 TOTAL (+) 4828.00 | | 130-A 1 APRIL 77 |
| 62 | ADJUST CASH ALLOWANCE FOR A.D. 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) | | | CONTRACTOR COSTING. | | 141-P 28 APRIL 77 |
| 65 | OMIT AIR BLENDERS FOR 100% OUTSIDE AIR. UNITS S-1C AND S-18C. | | | ARCH'T. EVALUATING CREDIT. MECH. (-) 165.00 | 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 COSTING. | | 139-A 20 APRIL 77 |
| 70 | UNIT B/C PHASE II INTERFACE MOD. FLOOR 9 | 28 JAN 77 | 21 MAR 77 | ARCH'T. EVALUATING COSTS. GENL. 915,376.00 MECH. (+) 6645.00 ELEC. (+) 9283.00 TOTAL | | 129-P 28 MARCH 1977 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE 25 MAY, 1977
SHEET 8 OF 9

| 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 | ARCH'T. EVALUATING COSTS. GENL: (+) 281.00 MECH: (+) 2004.00 TOTAL (+) 2285.00 | | 127-A 18 MARCH 1977 |
| 73 | REVISE DELAWARE STREET GRATINGS FOR DRAINS ON GRIDS E8 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 | ARCH'T AND CONTRACTOR EVALUATING CHANGE REQUIREMENTS. | | |
| 75 | PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE MGMT. CONTROL ROOM. | | 1 APR. 77 | CONTRACTOR'S COSTING. GENL. (REJECTED) MECH. ELEC. (+) 46.00 TOTAL | | 126-E 18 MARCH 1977 |
| 76 | REVERSE SWING OF DOORS 2-52 SECOND FLOOR WEST FROM MAYO TO PEDISTRIAN LINK FOR ENT PURPOSE | 16 MARCH 77 | 1 JUL. 77 | ARCH'T. TO PREPARE MOD. (COMBINE WITH C-4) | | |
| 77 | ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121. | 30 MARCH 77 | | CONTRACTOR COSTING. | \$ 1300.00 | 149-P 9 MAY 1977 |
| 78 | ACRES AND SEATING CHANGES TO ROOM 2-104 CHEMICAL AUDITORIUM. | 5 APRIL 1977 | 15 APRIL 77 | ARCH'T. EVALUATING CREDIT. GENL. (-) 1120.00 ELEC. (+) T&M TOTAL | | 136-A 12 APRIL 1977 |
| 79 | ADD PROVISIONS FOR RELAY ROOM 2-94. | 30 MARCH 1977 | 1 MAY 77 | CONTRACTOR'S COSTING. | | 144-P 2 MAY 77 |
| 80 | ADD OBSERVATION WINDOW BTWN. EXAM ROOMS 4TH FLOOR PEDIATRICS CLINIC. | 31 MARCH 77 | | CONTRACTOR COSTING. | | 140-P 18 APRIL 77 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE MAY 25, 1977
SHEET 9 OF 9

| 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 | | HSPO TO PROVIDE HALL WITH REQUIREMENTS FOR ARCHT PREPARATION OF MOD. | | |
| 82 | UNIT B/C PHASE II INTERFACE MOD. FLOORS 1, 2, 8, 89. | | MAY 15, '77 | HSPO REVIEWING FOR APPROVAL TO ISSUE. | | 154-P 24 MAY 77 |
| 83 | ADD STEEL BOLARDS FOR PIPE PROTECTION IN EXIST. MAYO GARAGE. | | | CONTRACTOR COSTING | | 151-E 20 MAY 77 |
| 84 | PROVIDE TEMPORARY ELEVATOR NO 1 FOR FUTURE CONSTRUCTION HOISTING FOR FINISHING SHELL SPACE. | | | HSPO REVIEWING FOR APPROVAL TO ISSUE. | | 152-P 19 MAY 77 |
| 85 | VARIOUS ELECTRICAL CONTRACT. COORDINATION ITEMS. | | | HSPO REVIEWING FOR APPROVAL TO ISSUE | | 153-A 24 MAY 77 |
| 86 | | | | | | |
| 87 | | | | | | |
| 88 | | | | | | |
| 89 | | | | | | |
| 90 | | | | | | |

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 Blanchard
DATE: 25 May 1977
SUBJECT: Unit B/C Progress Meeting
PRESENT: Messrs; Maupin, Nelson, Kujawa, Henriquez, Hagen,
Campbell, Blanchard, Carlson, and Ms. Satorius.
NOTE: Next Progress Meeting Wednesday June 8, 1977 at 10:00 AM.

ITEM ACTION/RESPONSE

1. Project Schedule.

There are no changes to the current construction schedule. Most activities are running ahead of schedule. The next schedule update should indicate some time improvement.

Owner activities have been added to the project schedule. A "Owners Activities" subnet schedule will be distributed to all parties today.

2. Status of Proposed Changes and Modifications.

The Monitoring Schedule dated 25 May 1977 was reviewed with the following comments:

A. There were three new changes added to the list since 11 May 1977.

B. The status of changes are as follows:

| | |
|--|------------------------|
| 1. U of M to provide requirements to Architect.. | 8 |
| 2. Architect to prepare Mod..... | 8 |
| 3. HSPO reviewing Mod. for approval..... | 4 |
| 4. Contractors costing approved Mod..... | 15 ¹³ |
| 5. Change completed as a Mod..... | 28 ³⁴ |
| 6. Other condition..... | 10 |
| 7. Architect/University evaluating costs..... | 12 ¹⁰ |
| <u>Total</u> | <u>85⁸⁷</u> |

C. The status of certain modifications was reviewed:

1. 55-A - The General Contractor is to resubmit their cost breakdown based upon the review meeting held May 19th.

ITEM

ACTION/RESPONSE

- | | |
|--|--|
| 2. Continued. | <p>2. 66-P - The Construction Coordinator's office is currently evaluating the Electrical cost of this Modification. (No change in status)</p> <p>✓3. 120-P - The General and Electrical Contractors have not submitted their cost quotations for review.</p> <p>4. 122-P - The Electrical Contractor has not submitted his quotation for review.</p> <p>D. The following modifications were reviewed for cost approval.</p> <p>1. 79-E - The Mechanical credit of \$5816.00 and the Electrical credit of \$1249.00 for a total credit of \$7065.00 was approved.</p> <p>2. 106-A - The Electrical credit of \$170.00 was approved.</p> <p>3. 136-A - The General credit of \$1120.00 was approved. The Electrical work is being performed on T & M.</p> |
| ✓3. Contingency Fund. | <p>The current status indicates an estimated balance of \$28,000.00. A report dated May 25, 1977 was distributed June 6, 1977.</p> |
| ✓4. Unit B/C Phase II Work. | <p>Mod. 152-P, which adds Elevator No. 1 to Unit B/C, was issued to HSPO for review approval.</p> <p>The U of M has added B/C Shell Space construction offices to the project scope. The Architect will develop a proposed layout to be located on Floor 6.</p> |
| ✓5. Diehl Hall Remodeling. | <p>No change in hold status.</p> |
| ✓6. M.T.S. Contract Status. | <p>The Unit B/C primary area is about complete. Installation of the M.T.S. system in the west area is now waiting for the building construction. Mosler would like to start work in Mayo Hospital soon. The coordination mod. for the west area is nearly finished for review approval.</p> |
| ✓7. Food Service on Floors 2 and 5. | <p>Interior Design has been proceeding with their work. HSPO will discuss work progress with Food Consultant. The Architect will begin work as soon as a contract has been established with the U of M.</p> |
| ✓8. Elevator Floor Indicator Graphics. | <p>HSPO and the construction staff are still investigating this item. This item will not require a modification to be issued.</p> |

ITEM

ACTION/RESPONSE

- | | |
|---|--|
| ✓ 9. Floor Finish in Animal Rooms. | The Architect has sent a response letter to HSPO, dated 23 May 1977, regarding the floor finishes. |
| ✓ 10. Concourse V.A.T. | Interior Design reported that Mr. Charles Self is investigating the possibility of having U of M do the work. Information should be available later today regarding the V.A.T. cost evaluation done by the University. |
| ✓ 11. Hospital Requests Carpet in lieu of V.A.T. for certain areas. | The Architect will investigate the ramifications of a modification for this type of change with the Contractor. |

cc: Meeting Attendees
Clinton Hewitt
John Patterson

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JUNE 8, 1977
SHEET 1 OF 9

| 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 | ARCH'T. TO PREPARE MOD. | HOSP. \$2,500 | |
| 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 | ARCH'T. TO DEVELOP A. DESIGN SOLUTION FOR APPROVAL (COMBINE W/C-76). | HOSP. \$1,500 | |
| 5 | GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.R. - FLOOR 2. | 17 NOV. 76 | 1 MAR 77 | CONTRACTORS COSTING. (MECH. CONTRACTOR REVISING COST). | 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 | CONTRACTOR COSTING | 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 JUNE 8, 1977
SHEET 2 OF 9

| 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 | ARCH'T TO PREPARE MOD. | HOSP. \$3,000 | |
| 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 | <u>Phase II.</u> | 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 | ARCH'T. TO PREPARE MOD. | CONT. \$550 | |
| 18 | ROOF DESIGN CHANGE BY UoFM FOR COST SAVINGS. | 17 NOV 76 | 1 MAR 77 | MOD COMPLETED. | CONT. CREDIT (-) \$35,000 ⁰² | 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 JUNE 8 1977
SHEET 3 OF 9

| 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 | CONTRACTORS COSTING GENL. - \$109,148.00 MECH. - \$23,607.00 ELEC. - TOTAL | HOSP. | .120-P 25 MARCH 1977 |
| 22 | MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS. | 16 JUN 76 | 15 MAR 77 | CONTRACTORS COSTING. GENL. - \$31,490.00 ELEC. - TRANS. - \$13,775.00 (COMPLETE) TOTAL | 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 | HSPD REVIEWING FOR APPROVAL TO ISSUE. | CONT. \$400 | 156-P 27 MARCH 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 | ARCHT/CONST. CONSULTING EVALUATING MECH. COST. MECH. (+) 11,266.00 | 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 JUNE 8, 1977
SHEET 4 OF 9

| 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. ^{94-P} | 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 JUNE 8, 1977
SHEET 5 OF 9

| 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 | _____ | ARCH'T TO PREPARE MOD. | CONT. \$168 | |
| 42 | GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS. | FIELD 5 JAN 77 | _____ | ARCH'T TO PREPARE MOD. | UNIT A CONTRACTOR \$10,118 | |
| 43 | MAKE MINOR CEILING CHANGES IN ROOMS 11-105 & 119 TO ACCOMODATE POWER FILES. | 14 DEC 76 | 15 FEB 77 | ARCHT. EVALUATING COSTS. GENL. (+) 858.00 MECH. (+) 208.00 TOTAL (+) 1066.00 | 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 | CONTRACTORS COSTING GENL. (+) 37,259.00 MECH. (+) 34,177.00 ELEC. (+) TOTAL (+) | CONT/USER | 105-P 16 FEB 77 |
| 48 | MODIFY WAFER TYPE BUTTERFLY VALVES FOR COST SAVINGS (FIELD DIRECTION) | 2 FEB 77 | 22 FEB 77 | ARCHT. EVALUATING CREDIT. MECH. (-) 2317.00 TOTAL - 2317.00 | 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 | ARCHT. EVALUATING N.C. MECH. N.C. TOTAL N.C. | 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. | N/A IT |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JUNE 8, 1977
SHEET 6 OF 9

| 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 | ARCHT. ESTIMATING COSTS GENL. (+) 5920.00 ELEC. (+) 281.00 TOTAL (+) 6151.00 | <u>OK</u> | 131-P 1 APRIL 77 |
| 52 | FLOOR 2 OBERVATION WINDOW ADDITION. | 2 FEB 77 | 1 APR 77 | CONTRACTORS COSTING. GENL. (+) 1040.00 ELEC. _____ TOTAL _____ | | 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 | CONTRACTORS COSTING. GENL. (+) 3804.00 ELEC. _____ TOTAL _____ | | 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 | CONTRACTORS COSTING. GENL. (+) 8139.00 ELEC. _____ TOTAL _____ | | 122-P 4 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 JUNE 8, 1977
SHEET 7 OF 9

| 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 | ARCHT. EVALUATING COST ELEC. (+) 4828.00 TOTAL (+) 4828.00 | | 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 \$ 765.00 | 148-A MAY 6 1977 |
| 64 | CHANGES TO ACCOMMODATE M.T.S. PER FIELD CONDITIONS. (ELECTRICAL WORK) | | | CONTRACTOR COSTING. | | 141-P 28 APRIL 77 |
| 65 | OMIT AIR BLENDERS FOR 100% OUTSIDE AIR. UNITS S-1C AND S-18C. | | | ARCHT. EVALUATING CREDIT. MECH. (-) 165.00 | 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 J-78- TRASH/JANITOR. | 30 MARCH 77 | 15 APRIL 77 | ARCHT. EVALUATING COSTS. GENL. (+) 125.00 MECH. (+) 258.00 TOTAL (+) 383.00 | | 139-A 20 APRIL 77 |
| 70 | UNIT B/C PHASE II INTERFACE MOD. FLOOR 9 | 28 JAN 77 | 21 MAR 77 | ARCHT. EVALUATING COSTS. GENL. 0215,376.00 MECH. (+) 6645.00 ELEC. (+) 92,833.00 TOTAL | | 129-P 28 MARCH 1977 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JUNE 8, 1977
SHEET 8 OF 9

| 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 | ARCH'T AND CONTRACTOR EVALUATING CHANGE REQUIREMENTS. | | |
| 75 | PROVIDE ADDITIONAL AIR CONDITIONING FOR ROOM 3-75 FIRE INSUR. CONTROL ROOM. | | 1 APR. 77 | MOD COMPLETED | | 126-E 18 MARCH 1977 |
| 76 | REVERSE SWING OF DOORS 2-52 SECOND FLOOR W/CT FROM MAYO TO PEDISTRIAN LINK FOR ENT PURPOSE | 16 MARCH 77 | 1 JUL. 77 | ARCH'T. TO PREPARE MOD. (COMBINE WITH C-4) | | |
| 77 | ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121. | 30 MARCH 77 | | CONTRACTOR SIGNING MOD. GENL. (\$) 1250.00 TOTAL (\$) 1250.00 | \$ 1300.00 | 149-P 7 MAY 1977 |
| 78 | ACRES 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 PROVISIONS FOR REWAY ROOM 2-94. | 30 MARCH 1977 | 1 MAY 77 | CONTRACTORS COSTING. | | 144-P 2 MAY 77 |
| 80 | ADD OBSERVATION WINDOW BTWN. EXAM ROOMS 4TH FLOOR | 31 MARCH 77 | | ARCH'T. EVALUATING COST GENL. (\$) 602.00 TOTAL (\$) 602.00 | OK | 140-P 18 APRIL 77 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JUNE 8, 1977
SHEET 9 OF 9

| 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 | | ARCHT. TO PREPARE MOD. | | |
| 82 | UNIT B/C PHASE II INTERFACE MOD. FLOORS 1, 2, 8, 9. | | MAY 15, '77 | HSPD REVIEWING FOR APPROVAL TO ISSUE. | | 154-P 24 MAY 77 |
| 83 | ADD STEEL BOLLARDS FOR PIPE PROTECTION IN EXIST. MAYO GARAGE. | | | CONTRACTOR COSTING | | 151-E 20 MAY 77 |
| 84 | PROVIDE TEMPORARY ELEVATOR NO 1 FOR FUTURE CONSTRUCTION HOUSING FOR FINISHING SHELL SPACE. | | | HSPD REVIEWING FOR APPROVAL TO ISSUE. | | 152-P 19 MAY 77 |
| 85 | VARIOUS ELECTRICAL CONTRACT COORDINATION ITEMS. | | | CONTRACTOR COSTING | +1750 ⁰² | 153-A 24 MAY 77 |
| 86 | REVISION TO FLOORS 3 and 8 TO ACCOMMODATE CHILDREN'S PSYCHIATRY. | 1 JUNE '77 | | HSPD TO CONFIRM REVISED SCOPE OF WORK. | | |
| 87 | REVISE THE FUEL OIL PIPING SYSTEM. | | | HSPD REVIEWING FOR APPROVAL TO ISSUE. | | 157-A 31 MAY 77 |
| 88 | | | | | | |
| 89 | | | | | | |
| 90 | | | | | | |

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: 22 June 1977
SUBJECT: Unit B/C Progress Meeting
PRESENT: Messrs; Maupin, Kogl, Nelson, Dickler, Kujawa, Swanson,
Campbell, John Scott, Carlson and Ms. Satorius.
NOTE: Next Progress Meeting Wednesday July 6, 1977 at 10:30 AM.

| ITEM | ACTION/RESPONSE | | | | | | | | | | | | | | | | |
|--|---|---|----|----------------------------------|-----|--|---|--|----|-----------------------------------|------|-------------------------|------|---|-----|--------------|-----------|
| 1. Project Schedule. | <p>Floors 11 and 12 are indicated for substantial early completion of 11 August 1977. This date does not include modifications for these areas.</p> <p>Project substantial completion is scheduled for 3 January 1978 however certain modifications are restraining this date. The modifications noted as critical were 69-P, 96-P, 103-P, 105-P, and 120-P.</p> <p>A new schedule will be run after 4 July however it was stated that the overall project (with the exception of Floors 11 and 12) is on schedule. Media Resources on Floor Two suggests that this item is the critical path. The Plaza which will allow pedestrian traffic between Mayo and Diehl Hall will be completed approximately 1 September 1977.</p> | | | | | | | | | | | | | | | | |
| 2. Status of Proposed Changes and Modifications. | <p>The Monitoring Schedule dated 22 June 1977 was reviewed with the following comments:</p> <p>A. There were two new changes added to the list since 8 June 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>87</td> </tr> <tr> <td>2. Architect to prepare Mod.....</td> <td>811</td> </tr> <tr> <td>3. HSP0 reviewing Mod. for approval.....</td> <td>1</td> </tr> <tr> <td>4. Contractors costing approved Mod.....</td> <td>18</td> </tr> <tr> <td>5. Change completed as a Mod.....</td> <td>3641</td> </tr> <tr> <td>6. Other condition.....</td> <td>1215</td> </tr> <tr> <td>7. Architect/University evaluating costs.....</td> <td>126</td> </tr> <tr> <td>Total</td> <td>89</td> </tr> </table> | 1. UofM to provide requirements to Architect... | 87 | 2. Architect to prepare Mod..... | 811 | 3. HSP0 reviewing Mod. for approval..... | 1 | 4. Contractors costing approved Mod..... | 18 | 5. Change completed as a Mod..... | 3641 | 6. Other condition..... | 1215 | 7. Architect/University evaluating costs..... | 126 | Total | 89 |
| 1. UofM to provide requirements to Architect... | 87 | | | | | | | | | | | | | | | | |
| 2. Architect to prepare Mod..... | 811 | | | | | | | | | | | | | | | | |
| 3. HSP0 reviewing Mod. for approval..... | 1 | | | | | | | | | | | | | | | | |
| 4. Contractors costing approved Mod..... | 18 | | | | | | | | | | | | | | | | |
| 5. Change completed as a Mod..... | 3641 | | | | | | | | | | | | | | | | |
| 6. Other condition..... | 1215 | | | | | | | | | | | | | | | | |
| 7. Architect/University evaluating costs..... | 126 | | | | | | | | | | | | | | | | |
| Total | 89 | | | | | | | | | | | | | | | | |

ITEMACTION/RESPONSE

2. Continued.

C. The status of certain changes was reviewed:

1. Change 81 (Casework 9-138) was recently issued by the Architect to HSP0 for review. HSP0 requested another copy of this preliminary mod. since the first copy was not received.

2. Change 88 (Pharmacy Security) will be prepared by the Architect in preliminary mod. form for submission to HSP0.

3. Change 89 (Omit VAT and vinyl certain areas) will be prepared by the Architect in preliminary mod. form for submission to HSP0.

D. The status of certain modifications was reviewed:

1. 55-A (Diehl Hall Ramp Floor 1) - Nothing further reported by Kogl regarding the Mechanical and Electrical review by his staff.

2. 105-P (Change 47 - Seventh Floor Med. Tech Cart)- The Contractors costs have been submitted however the Mechanical Contractor has not identified his unit cost for the Cart Storage Room.

3. 120-P (Change 21 - Floor Two Admitting Area)- The Architects will meet with HSP0 and the Hospital on June 24th to review their evaluation of the Contractors quotations. The General Contractor needs to justify certain costs.

E. The following modifications were reviewed for cost approval:

1. 104-P (Change 43 - Revise Ceilings 11-105 and 11-119) - The General cost of \$858.00 and the Mechanical "no change" was approved.

2. 108-E (Change 48 - Omit spool pieces on butterfly valves) - The Mechanical credit of \$2927.00 was approved.

3. 109-A (Change 65 - Omit air blenders for Units S-1C and S-18C) - The Mechanical credit of \$365.00 was approved.

4. 114-E (Change 29 - West Plaza Drainage System)- The Mechanical cost of \$10,475.00 was approved.

5. 132-P (Change 52 - Floor Two Observation Window)- The General cost of \$1040.00 and the Electrical cost of \$743.00 was approved.

ITEM**ACTION/RESPONSE**

3. Contingency Fund. The total contingency fund as indicated on the 22 June report is \$280,765.00. Deducting change orders, final modifications, and preliminary modifications a contingency balance of \$55,718.00 remains. If the proportional costs of Modification 105-P are deducted the contingency fund is nullified.
4. Unit B/C Phase II Work. HSPO has recently sent their review comments to the Architects concerning the new B/C Construction Offices. The Architects expressed concern regarding the addition of environmental rooms to the project which may however be added by allowance. Certain information is still required by the Architects from HSPO to complete the review documents.
5. Diehl Hall Remodeling. No further change in status.
6. M.T.S. Contract Status. No comments.
7. Food Service on Floors 2 and 5. HSPO will send a letter to the Architects requesting that this project be included in a later phase of the B/C Contracts. Most of the program information has been completed by HSPO.
8. Concourse V.A.T. HSPO will confirm the selection with University Interiors and report back to the Architects for informing the Contractor.
9. Hospital Requests Carpet in lieu of V.A.T. for certain areas. This change was approved which will result in a credit of \$2550.00. The Architects will prepare the preliminary modification.
10. Casework Countertops. A meeting was held with the Contractor, Supplier, Construction Coordinator, and the Architect on June 15th to review the condition of these countertops. It was determined that certain tops would be taken back to the plant and corrected. It was further noted that this corrective work would not have a major impact on the schedule.
11. University Interiors Carpet Selection. The Architects requested that the Interiors Department indicate their selections so the carpet of the B/C Contract can be coordinated with this material. The Interiors Department will present their selections at the next Progress Meeting.

cc: Meeting Attendees
Clinton Hewitt
John Patterson

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JULY 6, 1977
SHEET 1 OF 9

| 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 | HSPO REVIEWING FOR APPROVAL TO ISSUE. | HOSP. \$2,500 | 160-P 6 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 | ARCH'T TO DEVELOP A DESIGN SOLUTION FOR APPROVAL (COMBINE W/C-76). | HOSP. \$1,500 | |
| 5 | GARAGE LINK BETWEEN UNIT B/C AND MAYO HOSPITAL E.P. - FLOOR 2. | 17 NOV. 76 | 1 MAR 77 | ARCH'T/UNIVERSITY EVALUATING MECHANICAL COST. | 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 | ARCH'T. EVALUATING COST GENL. (+) \$10,930.00. | 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 JULY 6, 1977
SHEET 2 OF 9

| 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 | ARCH'T TO PREPARE MOD. | HOSP. \$3,000 | |
| 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 | | HEPO/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 | ARCHIT. TO PREPARE MOD. | CONT. \$550 | |
| 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 JULY 6, 1977
SHEET 3 OF 9

| 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 | ARCHT. EVALUATING COSTS: GENL. - (+) 09,148.00 MECH. - (+) 23,607.00 ELEC. - (+) 13,992.00 TOTAL (+) 46,747.00 | HOSP. | .120-P 25 MARCH 1977 |
| 22 | MODIFY UNIT A ELEVATOR NO. 11 PER UNIT B/C PLANS. | 16 JUN 76 | 15 MAR 77 | ARCHT. EVALUATING COSTS: GENL. - (+) 31,490.00 ELEC. - (+) 2,428.00 TRAVLS. - (+) 13,775.00 (COMPLETE) TOTAL (+) 47,693.00 | 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 | CONTRACTORS COSTING | CONT. \$400 | 156-P 27 MAY 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 JULY 6, 1977
SHEET 4 OF 9

| 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 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JULY 6, 1977
SHEET 5 OF 9

| 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 | _____ | ARCH'T TO PREPARE MOD. | CONT. \$168 | |
| 42 | GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS. | FIELD 5 JAN 77 | _____ | ARCH'T TO PREPARE MOD. | UNIT A CONTRACTOR \$10,118 | |
| 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 | ARCH'T. EVALUATING CREDIT. MEUM (-) 461.00 TOTAL (-) 461.00 | CONT. CREDIT | 107-E 21 FEB 77 |
| 50 | CHANGE MODEL NO. FOR EQUIPMENT ITEM M-429 OTOSCOPE / OPHTHALMOSCOPE | 2 FEB 77 | 1 APR 77 | ARCH'T. REVISION BY 15 MARCH 77 LETTER. NO MOD REQUIRED. | HOSP. | OMIT |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JULY 6, 1977
SHEET 6 OF 9

| 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 | ARCH'T. EVALUATING COSTS. GENL. (+) 8139.00 ELEC. (+) 6319.00 TOTAL (+) 14,458.00 | | 122-P 4 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 JULY 6, 1977
SHEET 7 OF 9

| 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 | ARCH'T. EVALUATING COSTS. GENL. (+) 125.00 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 | ARCH'T. EVALUATING COSTS. GENL. (+) 15,376.00 MECH. (+) 6,845.00 ELEC. (+) 9,283.00 TOTAL (+) 31,504.00 | | 129-P 28 MARCH 1977 |

(+) 31,324.00

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JULY 6, 1977
SHEET 8 OF 9

| 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 E8 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 | ARCH'T AND CONTRACTOR EVALUATING CHANGE REQUIREMENTS. | | |
| 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 | ARCHT. TO PREPARE MOD. (COMBINE WITH C-4) | | |
| 77 | ADD PRE-VAC CYCLE TO STERILIZER NO. S-217 IN RMS. M-120, M-121. | 30 MARCH 77 | | MOD COMPLETED. | \$1,1300.00 | 149-P 9 MAY 1977 |
| 78 | ANLES 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 | CONTRACTORS COSTING: GEN'L (\$12210.00) MECH. _____ 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 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JULY 6, 1977
SHEET 9 OF 9

| 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 HEPO LETTER | | CONTRACTORS COSTING | | 159-P 21 JUNE 77 |
| 82 | UNIT B/C PHASE II INTERFACE - MOD. FLOORS 1, 2, 8, 89. | | MAY 15, '77 | CONTRACTORS COSTING | | 154-P 24 MAY 77 |
| 83 | ADD STEEL BOLWARDS 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. | | | CONTRACTORS COSTING VERT. TRANS. DIV. COMPLETE | | 152-P 19 MAY 77 |
| 85 | VARIOUS ELECTRICAL CONTRACT. COORDINATION ITEMS. | | | CONTRACTOR COSTING | +1750 ⁰⁰ | 153-A 24 MAY 77 |
| 86 | REVISION TO FLOORS 3 and 8 TO ACCOMMODATE CHILDRENS PSYCHIATRY. | 29 JUNE '77 <i>app. mtds</i> | | ARCHT. TO PREPARE MOD FLOOR 8 ELEC. MAY BE DONE BY WOEM. PER OW HUGHES. | WOEM to do elec. work | |
| 87 | REVISE THE FUEL OIL PIPING SYSTEM. | | | CONTRACTOR COSTING. | | 157-A 31 MAY 77 |
| 88 | PHARMACY AREA FLOOR 2 SECURITY PROVISIONS | 13 JUNE '77 | | ARCHT. TO PREPARE MOD. | | |
| 89 | OMIT VAT & VINYL IN CERTAIN AREAS FOR SUBSTITUTION OF GROUP II CARPET. | 20 JUNE '77 HSHR LETTER | | ARCHT. TO PREPARE MOD. | HOSP. (-) 2550,00 | |
| 90 | | | | | | |

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/Duane E. Blanchard
DATE: 6 July 1977
SUBJECT: Unit B/C Progress Meeting
PRESENT: Messrs; Maupin, Kogl, Nelson, Kujawa, Swanson,
Blanchard, Carlson, and Ms. Satorius.
NOTE: Next Progress Meeting July 20, 1977 at 10:30 AM.

| ITEM | ACTION/RESPONSE | | | | | | | | | | | | | | | | |
|---|--|---|---|----------------------------------|----|--|---|--|---|-----------------------------------|----|-------------------------|----|---|---|--------------|-----------|
| 1. Project Schedule. | Paul Maupin indicated that an updated Construction Schedule by the Schedule Manager should be issued in the next few days. | | | | | | | | | | | | | | | | |
| 2. Status of Proposed Changes and Modifications. | <p>The Monitoring Schedule dated July 6, 1977 was reviewed with the following comments:</p> <p>A. There were no new changes added to the list since 22 June 1977.</p> <p>B. The status of changes are as follows:</p> <table border="1"><tbody><tr><td>1. U of M to provide requirements to Architect.....</td><td>7</td></tr><tr><td>2. Architect to prepare Mod.....</td><td>11</td></tr><tr><td>3. HSPO reviewing Mod. for approval.....</td><td>1</td></tr><tr><td>4. Contractors costing approved Mod.....</td><td>8</td></tr><tr><td>5. Change completed as a Mod.....</td><td>41</td></tr><tr><td>6. Other condition.....</td><td>15</td></tr><tr><td>7. Architect/University evaluating costs.....</td><td>6</td></tr><tr><td>Total</td><td>89</td></tr></tbody></table> <p>C. The status of certain changes was reviewed:</p> <p>1. Change 4 and 76 (Door Control for Pedestrian Traffic) - Preliminary modification will be finalized by the Architects this week for submission to HSPO for review. The introduction of the new corridor doors adjacent to the new Food Service Area should be considered by HSPO for inclusion in the Food Service design.</p> | 1. U of M to provide requirements to Architect..... | 7 | 2. Architect to prepare Mod..... | 11 | 3. HSPO reviewing Mod. for approval..... | 1 | 4. Contractors costing approved Mod..... | 8 | 5. Change completed as a Mod..... | 41 | 6. Other condition..... | 15 | 7. Architect/University evaluating costs..... | 6 | Total | 89 |
| 1. U of M to provide requirements to Architect..... | 7 | | | | | | | | | | | | | | | | |
| 2. Architect to prepare Mod..... | 11 | | | | | | | | | | | | | | | | |
| 3. HSPO reviewing Mod. for approval..... | 1 | | | | | | | | | | | | | | | | |
| 4. Contractors costing approved Mod..... | 8 | | | | | | | | | | | | | | | | |
| 5. Change completed as a Mod..... | 41 | | | | | | | | | | | | | | | | |
| 6. Other condition..... | 15 | | | | | | | | | | | | | | | | |
| 7. Architect/University evaluating costs..... | 6 | | | | | | | | | | | | | | | | |
| Total | 89 | | | | | | | | | | | | | | | | |

ITEM**ACTION/RESPONSE****2. Continued.**

2. Change 86 (Childrens Psychiatry) - Will be prepared by the Architects in separate modifications for Floors 3 and 8. O. W. Hughes suggested to the Architects that the 8th Floor Electrical Work be performed with U of M personnel.

D. The status of certain modifications was reviewed:

1. 105-P (Change 47-Seventh Floor Med. Tech. Cart)- Modification was rejected on 22 June 1977.
2. 120-P (Change 21-Floor 2 Admitting Area) - The Architects have requested that the General Contractor justify certain sub-contractor costs in his quotation however have not received the information yet.

E. The following modifications were reviewed for cost approval:

1. 107-E (Change 49-Omit hydronic air vents) - The Mechanical credit of \$461.00 was approved.
2. 111-P (Change 5-Mayo Garage Link) - The General cost of \$7246.00, the Mechanical cost of \$4709.00 and the Electrical cost of \$2576.00, for a total cost of \$14,531.00 was reviewed. The Hospital will consider further and report to the Architect.
3. 125-P (Change 22-Elevator No. 11) - The General cost of \$31,490.00, and the Electrical cost of \$2426.00 was approved. The Vertical Transportation cost of \$13,775.00 was previously approved for a total mod. cost of \$47,691.00.
4. 147-P (Change 7-3rd and 4th Floor guardrail) - The General cost of \$10,930.00 was reviewed. The Hospital will consider further and report to the Architects.

3. Contingency Fund.

The current contingency fund balance is \$37,500. There are 10 modifications in process which are not estimated and therefore not included in the current balance.

4. Unit B/C Phase II Work.

The B/C Phase II Contract Documents are ready for University review subject to the resolution of some contractual matters. The Environmental Control Room is to be included in the contract by a cash allowance.

5. Diehl Hall Remodeling.

No change in "HOLD" status.

ITEMACTION/RESPONSE

- | | |
|---|--|
| 6. M.T.S. Contract Status. | There is a routing conflict in the West area which is being evaluated by all parties. All other M.T.S. activities progressing satisfactorily. |
| 7. Food Service on Floors 2 and 5. | The Food Service program is ready for the Architect. The Architect will start work on this item as soon as the University issues a proceed order to do the work. |
| 8. University Interiors and Carpet Selection. | Interior Design indicated that they need a meeting with the Architect (TAC) to review all color selections for coordination purposes. |

cc: Meeting Attendees
Clinton Hewitt
Robert Dickler
Richard Campbell
John Patterson

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JUL 20, 1977
SHEET 1 OF 9

| 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 | CONTRACTOR COSTING | 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 | HSPD REVIEWING FOR APPROVAL TO ISSUE, (COMBINED WITH 0-76) | 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 | CONSTRUCTION COORDINATOR EVALUATING ELECTRICAL COST. | 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 JUL 20, 1977
SHEET 2 OF 9

| 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 | ARCHT./CONST. COORD. EVALUATING CREDIT. GENL. (-) 32,383.00 TOTAL (-) 32,383.00 | CONT. CREDIT \$40,000 | 123-E 7 MARCH 77 |
| 12 | LEAD SHIELDING IN FLOOR OF ROOM 3-141. | 29 SEP 76 | 1 JUL 77 | CONTRACTOR CASTING. GENL. (+) TOTAL (+) | HOSP. \$3,000 | 122-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 CASTING 81 & 85 - MOD COMPLETED. 86 @ 7.88 - 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 | ARCHT. TO PREPARE MOD. | CONT. \$550 | |
| 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 JUL 20, 1977
SHEET 3 OF 9

| 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 | CONTRACTORS SIGNING: GENL: - \$104,550.00 MECH: - \$23,607.00 ELEC: - \$13,992.00 TOTAL: \$142,149.00 | 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 JULY 20, 1977
SHEET 4 OF 9

| 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 |

UNIT B/C - PROPOSED CHANGES, MODIFICATIONS MONITORING SCHEDULE

DATE JUL 20, 1977
SHEET 5 OF 9

| 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 | _____ | ARCH'T TO PREPARE MOD. | CONT. \$168 | |
| 42 | GEN. CONTRACTOR MADE CORRECTIONS TO UNIT A BEAM POCKETS. | FIELD 5 JAN 77 | _____ | ARCH'T TO PREPARE MOD. | UNIT A CONTRACTOR \$10,118 | |
| 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>6/24/77</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 JUN 20 1977
SHEET 6 OF 9

| 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 | CONTRACTORS SIGNING: GENL. (+) 7135.00 ELEC. (+) 6319.00 TOTAL (+) 13,454.00 | | 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 JULY 20, 1977
SHEET 9 OF 9

| 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 \$ 765.00 | 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 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 | ARCH'T./CONST. COORD. EVALUATING GENL. (+) 125.00 MECH. MECH. (+) 2495.00 COST: TOTAL (+) 2620.00 | | 139-A 20 APRIL 77 |
| 70 | UNIT B/C PHASE II INTERFACE MOD. FLOOR 9 | 28 JAN 77 | 21 MAR 77 | ARCH'T. EVALUATING COSTS: GENL. (+) 15,376.00 MECH. (+) 6,045.00 ELEC. (+) 9,283.00 TOTAL (+) 31,324.00 | | 129-P 12 APRIL 1977 |

(+) 31,324.00

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JULY 20, 1977
SHEET 8 OF 9

| 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 | ARCH'T AND CONTRACTOR EVALUATING CHANGE REQUIREMENTS. | | |
| 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 | HSPO REVIEWING FOR APPROVAL TO ISSUE. (COMBINED WITH C-4.) | | 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 | ACCESS 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 REWAY ROOM 2-94. | 30 MARCH 1977 | 1 MAY 77 | CONTRACTORS COSTING: GEN'L (\$2210.00) MECH. 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 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE JULY 1977
SHEET 9 OF 9

| 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 | | CONTRACTORS COSTING | | 159-P 24 JUNE 77 |
| 82 | UNIT B/C PHASE II INTERFACE MOD. FLOORS 1, 2, 8, 99. | | MAY 15, '77 | CONTRACTORS COSTING | | 154-P 15 JUNE 77 |
| 83 | MOD STEEL BOWLANDS 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. | | | CONTRACTORS COSTING GENL. (+) 34,768.00 ELEC. VERT. TRANS. DIV. COMPLETE | | 152-P 13 JUNE 77 |
| 85 | VARIOUS ELECTRICAL CONTRACT. COORDINATION ITEMS. | | | CONTRACTOR COSTING ELEC. _____ TOTAL _____ | +1750.00 | 153-A 24 MAY 77 |
| 86 | REVISION TO FLOORS 3 and 8 TO ACCOMMODATE CHILDRENS PSYCHIATRY. | 29 JUNE '77 | | ARCHT. TO PREPARE MOD. | | |
| 87 | REVISE THE FUEL OIL PIPING SYSTEM. | | | ARCHT. EVALUATING COST MECH. (+) 1388.00 TOTAL (+) 1388.00 | | 157-A 8 JUNE 77 |
| 88 | PHARMACY AREA FLOOR 2 SECURITY PROVISIONS | 13 JUNE '77 | | HSPO REVIEWING FOR APPROVAL TO ISSUE. | | 165-P 18 JULY 1977 |
| 89 | OMIT VAT & VINYL IN CERTAIN AREAS FOR SUBSTITUTION OF GROUP # CARPET. | 20 JUNE '77 HSPO LETTER | | HSPO REVIEWING FOR APPROVAL TO ISSUE. | HOSP. (+) 2550.00 | 163-P 15 JULY 77 |
| 90 | MISCELLANEOUS GENERAL AND ELECTRICAL REVISIONS TO ACCOMMODATE ELECTRICAL ITEMS(4) | | | ARCHT. TO PREPARE MOD. | | |

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: 20 July 1977
SUBJECT: Unit B/C Progress Meeting
PRESENT: Messrs; Maupin, Kogl, Nelson, Kujawa,
Carlson, and Ms. Satorius.
NOTE: Next Progress Meeting August 3, 1977 at 10:00 AM.

| ITEM | ACTION/RESPONSE | | | | | | | | | | | | | | | | |
|--|--|--|----|----------------------------------|----|--|----|--|----|-----------------------------------|----|-------------------------|----|---|----|--------------|-----------|
| 1. Project Schedule. | Paul Maupin indicated concern regarding the schedule for completion of the tunnel connection to Unit K/E. This service link is required to be operational before discontinuing the use of the Unit A loading dock. | | | | | | | | | | | | | | | | |
| 2. Status of Proposed Changes and Modifications. | <p>The Monitoring Schedule dated July 20, 1977 was reviewed with the following comments:</p> <p>A. There was one new change added to the list since 6 July 1977.</p> <p>B. The status of changes are as follows:</p> <table><tbody><tr><td>1. UofM to provide requirements to Architect..</td><td>77</td></tr><tr><td>2. Architect to prepare Mod.....</td><td>51</td></tr><tr><td>3. HSPO reviewing Mod. for approval.....</td><td>42</td></tr><tr><td>4. Contractors costing approved Mod.....</td><td>74</td></tr><tr><td>5. Change completed as a Mod.....</td><td>46</td></tr><tr><td>6. Other condition.....</td><td>16</td></tr><tr><td>7. Architect/University evaluating costs.....</td><td>55</td></tr><tr><td><u>Total</u></td><td><u>90</u></td></tr></tbody></table> <p>C. The status of certain changes was reviewed:</p> <p>1. Change 4 and 76 (Door Control for Pedestrian Traffic) - This preliminary Mod. 164-P was submitted today to HSPO and the Construction Coordinator for review.</p> | 1. UofM to provide requirements to Architect.. | 77 | 2. Architect to prepare Mod..... | 51 | 3. HSPO reviewing Mod. for approval..... | 42 | 4. Contractors costing approved Mod..... | 74 | 5. Change completed as a Mod..... | 46 | 6. Other condition..... | 16 | 7. Architect/University evaluating costs..... | 55 | <u>Total</u> | <u>90</u> |
| 1. UofM to provide requirements to Architect.. | 77 | | | | | | | | | | | | | | | | |
| 2. Architect to prepare Mod..... | 51 | | | | | | | | | | | | | | | | |
| 3. HSPO reviewing Mod. for approval..... | 42 | | | | | | | | | | | | | | | | |
| 4. Contractors costing approved Mod..... | 74 | | | | | | | | | | | | | | | | |
| 5. Change completed as a Mod..... | 46 | | | | | | | | | | | | | | | | |
| 6. Other condition..... | 16 | | | | | | | | | | | | | | | | |
| 7. Architect/University evaluating costs..... | 55 | | | | | | | | | | | | | | | | |
| <u>Total</u> | <u>90</u> | | | | | | | | | | | | | | | | |

ITEM

ACTION/RESPONSE

2. Continued.
2. Change 36 (Mod. 94-P-Dr. Najarian, Floor 11) - The Architects have written a letter to the Contractor indicating five doors are to be undercut 1 3/4" to allow for carpet. Kogl indicated the corridor doors should have thresholds.
 3. Change 90 (New item) - The Architects will prepare this preliminary mod. for review which relates to the General Contract revisions to accommodate electrical items.
- D. The status of certain modifications was reviewed:
1. 152-P (Change 84-Elevator No. 1) - Certain areas of the General Contractors cost quotation are in question. Kogl will discuss these with Ken Fick (Sheehy) tomorrow.
- E. The following modifications were reviewed for cost approval:
1. 129-P (Change 70-Floor 9 Interface) - The General cost of \$15,251.00, the Mechanical cost of \$6,665.00, and the Electrical cost of \$9,283.00 for a total mod. cost of \$31,199.00 was approved.
 2. 157-A (Change 87-Fuel Oil Piping System) - The Mechanical cost of \$1,388.00 was approved.
 3. 123-E (Change 11-Plaza Substrate) - The General Contractor has proposed a credit of \$33,383.00 for this change, however he intends to resubmit a new cost breakdown. The Construction Coordinator will review the new cost with the Contractor.
- ✓ 3. Contingency Fund.
- The current contingency fund balance is approximately \$25,000.00. There are 8 modifications in process which are not estimated and therefore not included in the current balance. A contingency summary will be issued later this week.
- ✓ 4. Unit B/C Phase II Work.
- The documents are currently being reviewed by three of the Users. The Hospital is not aware of any particular problems connected with this review. Any requests for revisions or clarifications of the documents should be processed through HSPO to the Architects.
- Certain areas of the project which have "donated" funding will have commemorative bronze wall plaques indicating the donor.

ITEM

ACTION/RESPONSE

- | ITEM | ACTION/RESPONSE |
|---|--|
| ✓ 5. Diehl Hall Remodeling. | No change in "HOLD" status. |
| ✓ 6. M.T.S. Contract Status. | A routing conflict still exists in the West Area Conference Room 1-362. The Construction Coordinators staff will assist the Architects in development of the final resolution of this conflict. |
| ✓ 7. Food Service on Floors 2 and 5. | The Architect will begin as soon as the University issues a proceed order for this work.: |
| ✓ 8. University Interiors and Carpet Selection. | Nothing further has been scheduled for a meeting with Interior Design and the Architects (TAC) to review all color selections for coordination purposes. |
| ✓ 9. Metal Lab Casework Shop Drawings. | A copy of a letter from Haldeman-Homme Inc. to the Architects was given to Kogl and Maupin. The letter indicated the changes to the casework which were made by the manufacturer <u>after</u> approval of shop drawings. Final shop drawings are still not on the job. |

cc: Meeting Attendees
Clinton Hewitt
Robert Dickler
Richard Campbell
John Patterson
Duane Blanchard
Robert Swanson

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE AUGUST 3, 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 | CONTRACTOR COSTING | 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 | HSPD REVIEWING FOR APPROVAL TO ISSUE, (COMBINED WITH 0-76) | 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 | CONSTRUCTION COORDINATOR EVALUATING ELECTRICAL COST. | 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 3, 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 | CONTRACTOR COSTING. GENL (+) TOTAL (+) | 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 | | HEPO/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 ⁰² | 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 AUGUST 3, 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 AUGUST 3, 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 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE AUGUST 3, 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 4 OF M 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 6/27/77. | 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 | AUGHT. REVISION BY 15 MARCH 77 LETTER. NO MOD REQUIRED. | HOSP. | OMIT |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE AUGUST 3, 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 3, 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 ADO. 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 \$ 765.00 | 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 | ARCHT./CONST. COORD. EVALUATING GENL. (4) 125.00 MECH. MECH. (4) 2495.00 COST: TOTAL (4) 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 3, 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 | REVERSE SWING OF DOORS 2-52 SECOND FLOOR WEST FROM MAYO TO PEDESTRIAN LINK FOR ENT PURPOSE. | 16 MARCH 77 | 1 JUL. 77 | HSPO REVIEWING FOR APPROVAL TO ISSUE. (COMBINED WITH C-4) | | 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 | ACSE 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 DIVISIONS FOR RELAY ROOM 2-94. | 30 MARCH 1977 | 1 MAY 77 | CONTRACTORS COSTING: GENL. \$12,210.00 MECH. \$12,465.00 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 |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE August 3, 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 | | 159-P 24 JUNE 77 |
| 82 | UNIT B/C PHASE II INTERFACE - MOD. FLOORS 1, 2, 8, 89. | | MAY 15, '77 | CONTRACTORS COSTING | | 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 HOLDING FOR FINISHING SHELL SPACE. | | | CONTRACTORS COSTING GEN. (+) 34,768.00 ELEC. VERT. TRANS. DIV. COMPLETE | | 152-P 13 JUNE 77 |
| 85 | VARIOUS ELECTRICAL CONTR. COORDINATION ITEMS. | | | CONTRACTOR COSTING ELEC. _____ TOTAL | +1750.00 | 153-A 24 MAY 77 |
| 86 | REVISION TO FLOORS 3 and 8 TO ACCOMMODATE CHILDREN'S PSYCHIATRY. | 29 JUNE '77 | | HSPD REVIEWING FOR APPROVAL TO ISSUE. | | 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 | | HSPD REVIEWING FOR APPROVAL TO ISSUE. | | 165-P 18 JULY 1977 |
| 89 | OMIT VAT & VINYL IN CERTAIN AREAS FOR SUBSTITUTION OF GRAY # 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) | | | ARCHT. TO PREPARE MOD. | | |

UNIT B/C - PROPOSED CHANGES / MODIFICATIONS MONITORING SCHEDULE

DATE AUGUST 3, 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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