MINUTES OF THE MEETING
LONG-RANGE PLANNING SUBCOMMITTE
MONTANA STATE
HOUSE OF REPRESENTATIVES

January 16, 1985

The meeting of the Long-Range Planning Subcommittee was called to order by Chairman Robert Thoft on January 16, 1985 at 8:05 a.m. in Room 420 of the State Capitol.

ROLL CALL: All members were present.

COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY: Mr. Fred De Money (9:A:36), President, Montana College of Mineral Science and Technology (Tech) presented members with a booklet detailing Tech's long-range building program requests for the 1986-87 biennium (EXHIBIT 1). He gave a brief status report concerning projects funded from the 1984-85 biennium.

Mr. De Money (9:A:99) talked about the renovation of the Engineering Hall (EXHIBIT 2). He said the estimated cost of this project is $150,000. The prime objective of the project is to consolidate many student service functions into one area by providing more usable classrooms and faculty office space. The project funds also include renovation of the building entrance and bathrooms for the handicapped.

Mr. De Money (9:A:151) talked about the computer center renovation project (EXHIBIT 2). The old Library/Museum building will be renovated in order to house the computer center. This building is currently being used for graduate student programs but upon the completion of the Engineering Hall these programs will be moved, leaving the space available for the computer center. The advantages of moving the computer center to the Library/Museum building are: a) more room for expanding computer services and staff; b) closer to major computer terminal clusters; c) closer to central campus phone switching which would enable networking of campus terminals to the mainframe; and d) more space for future expansion of the mainframe computer. Estimated cost of the project is $800,000.

Chairman Thoft (9:A:202) asked if Tech has any long-range preventive maintenance plan. Mr. De Money said they do have a planned approach to campus development and showed two pictures of the campus, one from 1978 and one from the summer of 1984. These photographs illustrated the results of planning efforts for campus development over the past few years.

Mr. Ed Ayers (9:A:260), Director of Facilities, Montana Tech said the school has a standing committee which does facility planning and utilization. The physical plant staff is now performing an inventory of the buildings and machinery at Tech and will present their findings to the standing committee. The committee will then prioritize items on the inventory list in an effort to develop a long-range maintenance plan.

Mr. Ayers (9:A:290) said centralizing the physical plant facilities is the third project proposed by Tech. Plant shops will be centralized and this will free up more classroom space in other places. They also plan on emptying the old mill building which is a cavernous structure and costly to heat and maintain. Before this building can be torn down a new storage building will be built to house items presently in the mill building.

The fourth project (9:A:310) for Montana Tech concerns a new electrical loop and new water main loop for the campus. This project will allow water and electricity to be fed into each building on campus from more than one source. Mr. Ayers said they were able to accomplish the new water loop for less money with the help of the Butte Water Company. The company agreed to provide the labor for piggybacking into the water system at the construction site of the new Engineering Laboratory/Classroom Building if the college would provide the materials. Therefore, part of this project has been accomplished for less than half of the original cost estimate. Mr. Ayers said having one electrical circuit presents a serious problem in a power outage situation. The second circuit would allow workers to switch on the second power feed while searching for the cause of the power failure. Currently when the power fails the entire campus is blacked out. Representative Bardanouve asked if black outs are frequent. Mr. Ayers said in the last four years there have been 3 outages, one of which lasted for 12 hours. Senator Tveit asked what the cost of the new electrical loop would be. Mr. Ayers said it is estimated to cost $300,000.

Mr. Ayers (9:A:382) said Montana Tech like other campuses does have problems with the presence of asbestos in its older buildings. He said he felt the asbestos creates a health and safety hazard for students and faculty. He emphasized the importance of funding A&E's asbestos control program.

Mr. De Money (9:A:398) gave members a report which summarizes the fund raising efforts of Montana Tech (EXHIBIT 3).

Senator Van Valkenburg (9:A:410) asked why Tech's enrollment is down and where Mr. De Money felt it would be in the future. Mr. De Money said Tech's enrollment has decreased 7 percent this year and he said the college's peers are also experiencing similar enrollment decreases. He said he felt the decrease is attributable to a decrease in job opportunities for mineral engineering students. He said 50 percent of Tech's students come for the Butte, Silver Bow and Anaconda areas and studies have shown the population base of these areas is decreasing. Mr. De Money said enrollment is currently at 2,100 students and he expects it will stay at this level for the next year. He said the school projects the student population to be between 2,600 and 3,000 by 1991. Senator Van Valkenburg asked when the Engineering Laboratory/Classroom Building will be completed. Mr. De Money said it will be done by June 1986. Senator Van Valkenburg asked if all of the space in the new facility will be utilized upon completion. Mr. De Money said it would be and no space will be available for expansion.

UNIVERSITY OF MONTANA: Neil Bucklew (9:A:566), President, University of Montana (U of M) provided the committee with a summary of the Long-Range Building Requests for the University of Montana (EXHIBIT 4).

Mr. Bucklew (9:B:35) used the Long-Range Building Book and a brochure (EXHIBIT 5) in discussing the new Business Administration Building project. He said funds for planning the building were appropriated last session and the University is now requesting $11,960,000 for the construction of the new facility. He said U of M is the primary institution responsible for graduate instruction in Business in the state of Montana and is also responsible for offering a full undergraduate program with a wide range of options. The building currently housing the business college was built in 1951 and is small and cannot accommodate a contemporary business administration program. Mr. Bucklew said business administration faculty and classrooms currently are disbursed to many locations on campus. There is a need for seminar and conference room space, access for handicapped students, larger classrooms, and offices for the faculty and the Bureau of Business and Economic Research. In summarizing he said the business program is the largest program at U & M with a rapidly expanding enrollment and there is every indication that this growth pattern will continue.

Chairman Thoft (9:B:130) asked if the university had 78 offices in houses currently being used for faculty offices. Mr. Bucklew said there are 78 faculty members in houses surrounding the campus and he said the university owns these houses. Chairman Thoft asked if the old building would be used to house faculty members upon completion of the new one. Mr. Bucklew said the old building will be used for both business and general faculty offices.

Paul Blomgren (9:B:158), Dean, School of Business Administration, U of M spoke as a proponent of the new Business Administration Building and submitted written testimony (EXHIBIT 6). Chairman Thoft (9:B:247) asked how many handicapped students are normally in the business program. Dean Blomgren said there is between 10 and 15 handicapped students who have a large amount of difficulty getting around in the present building.

Maxine Johnson (9:B:261), Director, Bureau of Business and Economic Research, U of M spoke as a proponent of the Business Administration Building and submitted written testimony (EXHIBIT 7).

Bruce Budge (9:B:304), Chairman, Department of Accounting and Finance, U of M spoke in favor of the Business Administration Building and submitted written testimony (EXHIBIT 8).

Representative Bardanouve asked if the school will be recruiting four more faculty members and wondered about enrollment increases in this area. Dr. Budge said they are not recruiting 4 additional faculty members, but will be replacing visiting faculty. Mr. Bucklew referred Representative Bardanouve to pages 8 and 9 in the Long-Range Building Requests book which illustrates the increases in the business school's enrollment.

Greg Maurer (9:B:387), graduate student, Business Administration reemphasized the need for seminar rooms, group study areas and a home for the MBA organization.

Jack Burke (9:B:417), Vice Chairman of the Board, Montana Power Company spoke as a proponent and submitted written testimony (EXHIBIT 9).

Ed Jasmin (9:B:520), President, Norwest Bank Helena said he is President of the Montana Ambassadors Program which is a part of the Build Montana Program. These two organizations are struggling to find new methods

for building Montana's economy. Mr. Jasmin said he felt there is no better way to build Montana's economy than by providing a good quality business education for Montana's youth. He spoke as a proponent of the Business Administration Building.

Mr. David Owen (9:B:598), Executive Vice President, Missoula Chamber of Commerce appeared as a proponent of the Business Administration Building and submitted written testimony (EXHIBIT 10).

Senator Fuller (9:B:678) asked what kind of recruitment efforts are going on in the state by large businesses and how many undergraduates stay and find employment in the state. Dean Blomgren said large businesses hold quite extensive recruitment interviews with undergraduates at the placement center. Jack Burke said many Montana businesses have intern programs for students.

Representative Ernst (10:A:22) asked if a new mainframe computer is included in the project cost. John Credich said the cost estimate only includes moveable equipment and not a mainframe computer.

Senator Van Valkenburg (10:A:201) asked the representatives of the business community how they would suggest financing long-range building projects. He said he thought major businesses are opposed to increased corporate taxes and wondered if there were any suggestions for increasing revenues. Both Mr. Burke and Mr. Jasmin said they could not comment on precise ways of creating revenues for public services and buildings, but reemphasized the need for good quality educational programs.

There being no further business before the subcommittee the meeting was adjourned at 10:01 a.m.

ROBERT THOFT, Chairman

DAILY ROLL CALL

LONG RANGE PLANNING SUB COMMITTEE

49th LEGISLATIVE SESSION -- 1985

Date January 16, 1985

NAME	PRESENT	ABSENT	EXCUSED
Rep. Robert Thoft, Chairman	X		
Sen. Fred Van Valkenburg, Vice Chair	X		
Sen. Dave Fuller	X		
Sen. Larry Tveit	X		
Rep. Francis Bardanouve	X		
Rep. Gene Ernst	X		

Exhibit #1
1-16-85
MT TECH

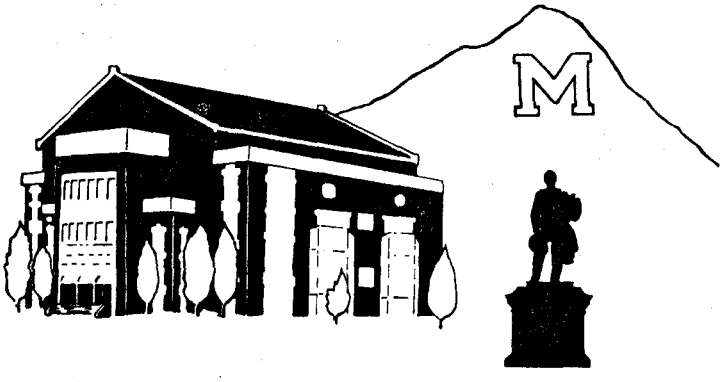
LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST
1985-87 BIENNIUM

presented to

The 1985 Montana Legislature

Long Range Building Committee; Rep. Bob Thoft, Chmn.

January 16, 1985



Montana College of Mineral Science and Technology

Butte, Montana 59701

MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY
BUTTE, MONTANA 59701
406/496-4101

Office of the President

January 15, 1985

Representative Bob Thoft, Chairman
Long Range Building Committee
49th Legislative Session: 1985
Helena, MT 59601

Dear Representative Thoft:

Last session, the Legislature appropriated funds to Montana Tech for a new roof on Main Hall, repair of an old steam and condensate line, and a new Engineering Laboratory/Classroom Building. We are most appreciative of the funding for these projects, and a brief status report is included in our testimony as a matter of information.

We are pleased to have the opportunity to present to the Long Range Building Committee testimony on the need for appropriating State funds for the four projects approved for funding for the 1987 Biennium by the Board of Regents:

- Renovate Engineering Hall $150,000
- Computer Center Renovation $800,000
- Centralize Physical Facilities $125,000
- Electrical Loop and Water Main Loop ~~$325,000~~ 300,000

We understand the shortness of supply of funds for the Long Range Building Program and appreciate your situation in trying to decide which projects should be funded. We ask you to give your serious consideration to Regents' approved project, Renovate Engineering Hall.

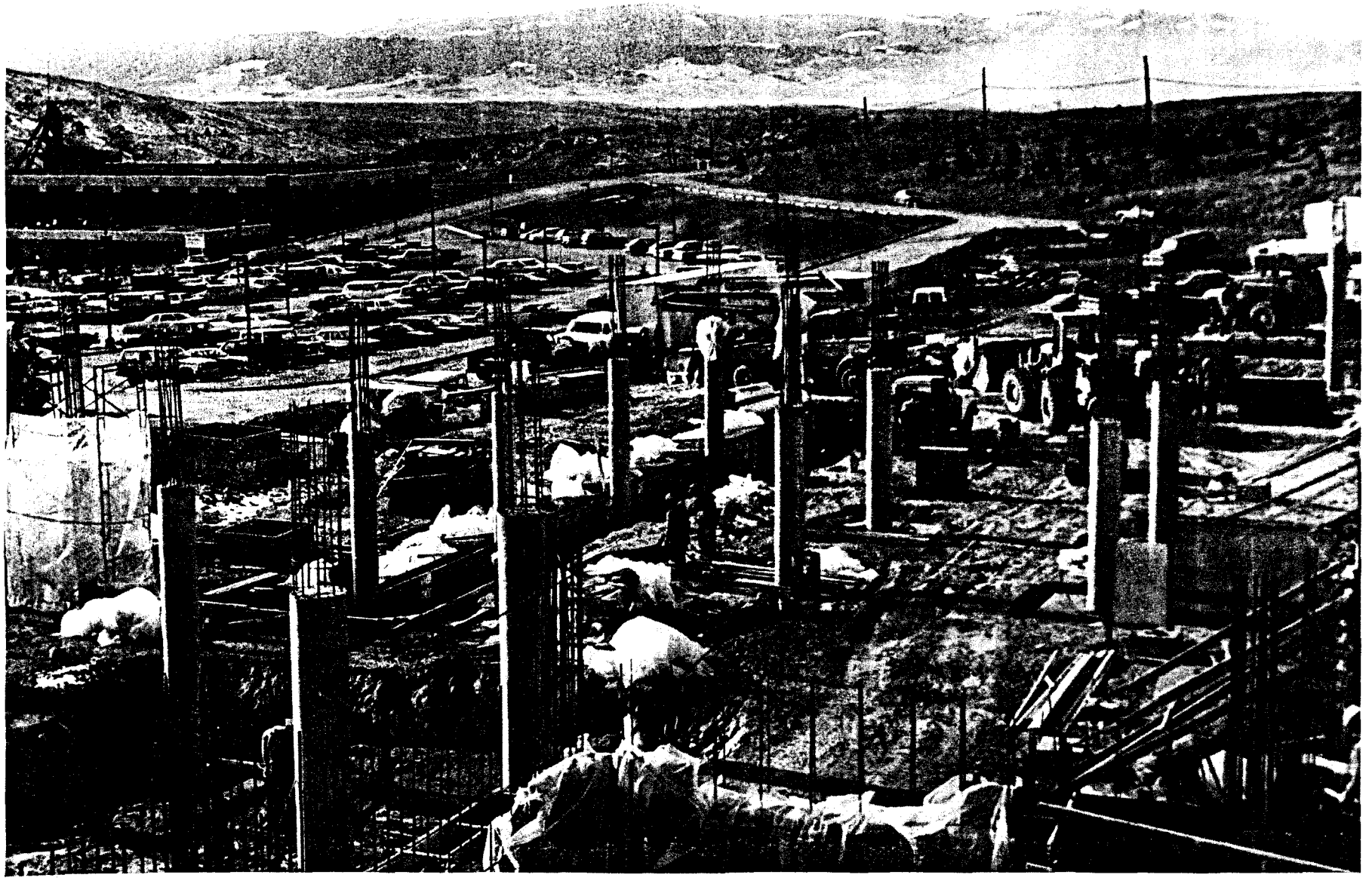
Very truly yours,

Fred W. De Money
President

FWD:jm

cc: Members of LRBC (10)
CHE (2)
Tech Administrative Cabinet (14)
File (3)

THE MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY IS A UNIT OF THE MONTANA UNIVERSITY SYSTEM, THE OTHER COMPONENT INSTITUTIONS OF WHICH ARE UNIVERSITY OF MONTANA AT MISSOULA, MONTANA STATE UNIVERSITY AT BOZEMAN, WESTERN MONTANA COLLEGE AT DILLON, EASTERN MONTANA COLLEGE AT BILLINGS, AND



Construction is well underway on Montana Tech's new Engineering Laboratory/Classroom Building

1985 BIENNIUM FUNDING STATUS REPORT

Main Hall Roof Repair — $110,000

Completed (except for punch list) August, 1984

Steam & Condensate Lines — $ 65,000

Both lines installed. Project 60% completed as of January, 1985

New Engineering Laboratory/Classroom Building — $5,500,000 ($4,250,000 State Funds)

This 63,000 sq. ft. building is under construction (see photograph). The project's groundbreaking was May 12, 1984 and completion is scheduled for June, 1986.

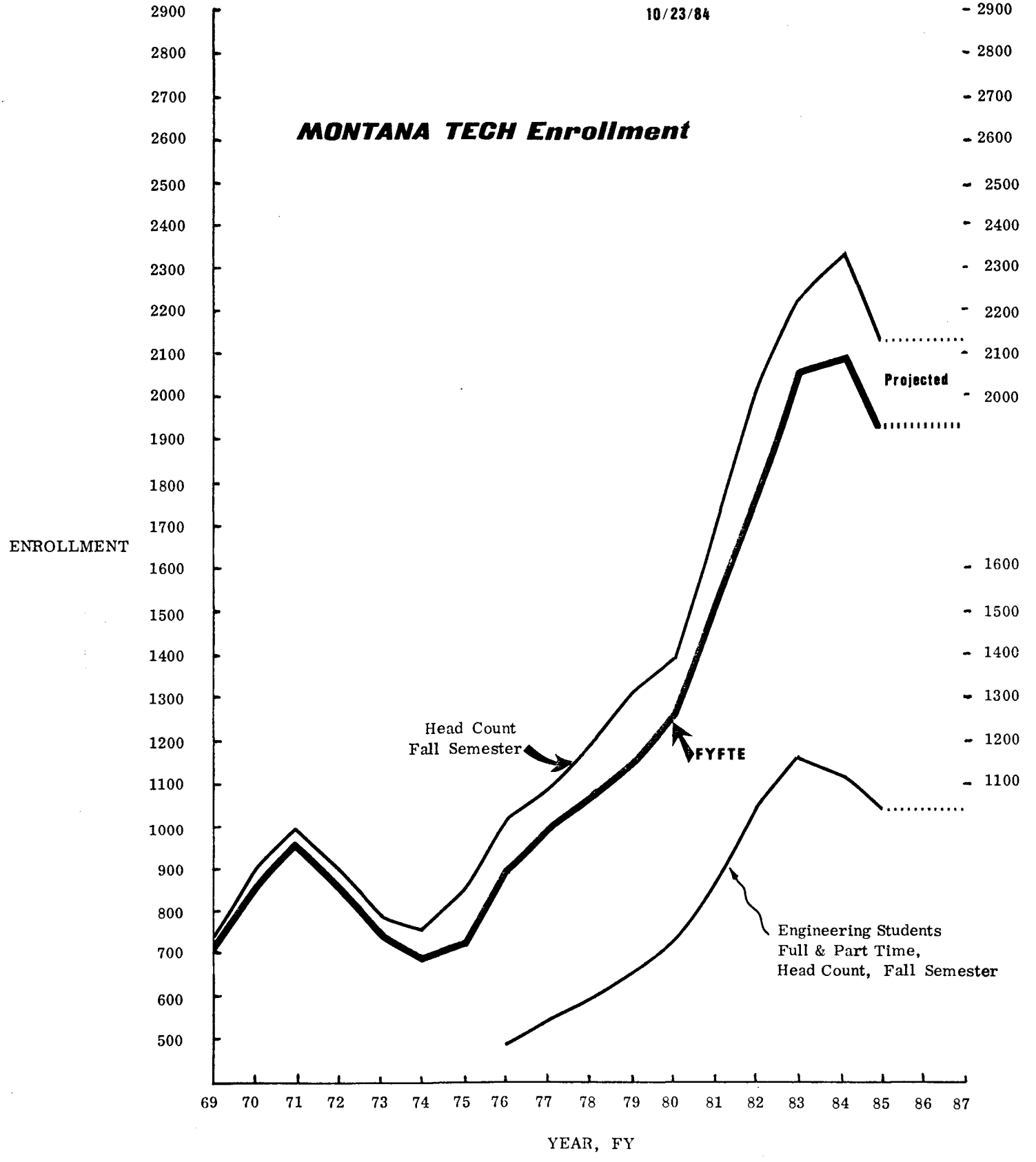
Fund raising of the $1,250,000 from non-state revenues is nearly complete, despite the difficult economic times in the energy and mineral industry. This building is especially designed for those academic programs--geophysical, metallurgical & mineral processing engineering--directly related to this industry.

ANALYSIS OF EXECUTIVE'S RECOMMENDED FUNDING: LRBP

An analysis of the Executive's Recommended Funding shows the following:

PRIORITY	TYPE	UM	MSU	EMC	TECH	WMC	NMC	TOTAL
4	Roofs	$ 153,000	$ 191,000	$ 0	$ 0	$ 0	$ 0	$ 344,000
5	Brick Repair	0	1,976,000	0	0	0	0	1,976,000
8	Health & Safety	398,400	0	0	0	0	23,000	421,400
13	Major Maintenance & Repair	52,000	0	35,000	0	126,950	0	213,950
16	Electrical Dist.	550,000	0	0	0	0	0	550,000
35	Partitions	0	0	0	0	0	27,000	27,000
		$1,153,400	$2,167,000	$ 35,000	$ 0	$ 126,950	$ 50,000	$3,532,350

FWD:jm
1/15/85


10/23/84
MONTANA TECH Enrollment
ENROLLMENT
2900
2800
2700
2600
2500
2400
2300
2200
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
Projected
Head Count
Fall Semester
FYFTE
Engineering Students
Full & Part Time,
Head Count, Fall Semester
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
YEAR, FY

CAPITAL CONSTRUCTION

On April 25, 1984, Montana Tech submitted a capital request proposal to the Board of Regents that dealt with ten projects totaling $3,375,000 for the 1985-87 biennium. Of these, the Board of Regents approved four projects having a total cost of $1,400,000. Only one of these projects ranked in the Regents' top ten priority list. The College felt that the key projects, in terms of serving the students and faculty, are the renovation of the old Engineering Hall and the renovation of the Museum to house the Computer Center. The Regents assigned a priority of nine to the renovation of Engineering Hall ($150,000), and the Computer Center renovation ($800,000) was given a priority of 13. Table I lists the projects approved by the Board of Regents, their estimated costs and the priorities assigned by the College and the Board of Regents.

TABLE I

Montana Tech Priority	Project	Cost, $	Regents' Priority
1	Renovate Engineering Hall	150,000	9
2	Computer Center Renovation	800,000	13
5	Centralize Physical Facilities	125,000	22
7	Electrical Loop and Water Main Loop	325,000	26

Priorities set by the Board of Regents are shown in Table II

Also included in Montana Tech's top-ten priority list were renovation of the old Metallurgy Building; Phase I of the necessary renovation of Main Hall, roof repair for the Mining-Geology Building, the Library and the Boiler Plant; paving of 2,500 feet of gravel road; removal and handling process for hazardous materials; building a South Loop road; and acquisition of land adjacent to the campus.

Renovate Engineering Hall: $150,000

Engineering Hall, one of the earliest structures on the Montana Tech campus, has been remodeled extensively since it began its service as the College gym in 1923. Today, its classrooms are poorly utilized because of their awkward size or shape. At the same time, student services functions, administrators, Academic Deans, etc., are scattered around the campus in various buildings, a situation which is confusing and frustrating for students. In some campus buildings, instructional space is used for administrative offices which could function more efficiently if they were located nearer to each other.

The proposed renovation of Engineering Hall would draw these student services functions closer to one another while also freeing areas for classroom use. This is a temporary measure designed to serve for 6 years, at which time a new structure to house classrooms, faculty offices, administrators, and support services can be justifiably built.

Computer Center Renovation: $800,000

Ten years of extremely rapid enrollment growth caused Montana Tech to scramble desperately for classroom space and for offices for the necessary faculty. During that same period, the transition to the use of computers - particularly in technical and engineering work - became overwhelming for the College in its drive to prepare students for today's world. It is imperative that the Computer Center be moved out of the Mining-Geology Building, because of the unprecedented pressure for space for the computer equipment and staff. After re-evaluating existing campus space in the face of all our needs, a study group found that the Computer Center can be best accommodated in the Museum Building which already houses the Mathematical Sciences Department, a major computer terminal cluster and the central campus phone switching.

Renovation will include properly designed and controlled machine and staff space, handicapped access to most of the building, increased restroom facilities and upgraded utilities and windows. Space freed in the Mining-Geology Building

will be converted to its original classroom space which is sorely needed.

Centralize Physical Facilities Functions: $125,000

Today, the Physical Facilities shops are scattered in four different buildings, one of which is the Mill Building that is marked for eventual razing. This scattering results in inefficient use of space, poor supervisory control of shop employees and substandard working conditions that are not really safe.

In the proposed project, the present Physical Facilities Building will be remodeled to accommodate plumbing, mechanical and groundskeepers shops plus some small parts storage. Garages which are now a part of the Heating Plant will be remodeled for storage, grounds equipment, carpentry and paint shops and storage for wood and paint. A larger motor pool area will be set aside in the southwest corner of the campus and will be equipped with fencing, lighting and electrical car heater outlets.

This project will start the evacuation of the Mill Building preparatory to razing (in the meantime, it will be used for temporary storage). It will also increase the efficiency of Physical Facilities operations and remove the State vehicles from student pedestrain thoroughfares. It represents the most economical and practical use of available buildings, instead of construction of a new building.

Electrical Loop and Water Main Loop: $325,000

At the present, these utilities cannot be adequately controlled in cases of supply failure, either water or electricity. There is no provision for "backfeeding". Under these conditions, we have insufficient means to protect the Computer Center, the Food Service and our many laboratories from long-term disruption. An important element in this system is the old (60 years) transformers in the Metallurgy Building. These transformers are leaking and failure is likely at any time.

Besides replacing the transformers, this project will provide an electrial loop system to include the Library, the HPER, the Mining-Geology Building and Alumni Memorial Stadium to minimize the shutdown time in case of electrical failure. It will also upgrade the water main feeds by joining two street mains from Park and Granite Streets.

During the last three years, there have been several electrical outages on campus, causing the entire campus to be without electrical power for up to as much as 12 hours. Long outages can be expensive in computer operations and ruined long term laboratory research experiments. Under some conditions interrupted laboratory experiments can be dangerous. The need for adequate water pressure in some laboratory prodedures is also critical.

Table II

Long Range Building Program 1985-87

Montana University System

Unit	Project	Board of Regents Reccommended Priority	Estimated Cost	Comments
	Roofs	1	$ 344,000	UM - $153,000 MSU - $191,000
MSU	Johnson/Wilson Halls Brick Repair	2	1,300,505	
UM	Electrical Distribution System Phase II	3	550,000 550,000	LRBP Fund Auxillary Funds
	Health & Safety Projects Ventilation & Exhaust Systems	4	421,400	UM - $398,400 NMC 23,000
	Major Maintenance	5	156,100	UM - 52,000 - Library Carpet EMC - 35,000 - Windows - McMullan Hall EMC - 25,000 - Parapet Walls WMC - 10,000 - Parapet Walls & Tower WMC - 34,100 - Floor Covering
MUS	Asbestos Abatement	6	500,000	
WMC	Land	7	100,000	
MSU	Animal Room Renovation Cooley Lab	8	100,000	

Table II continued--

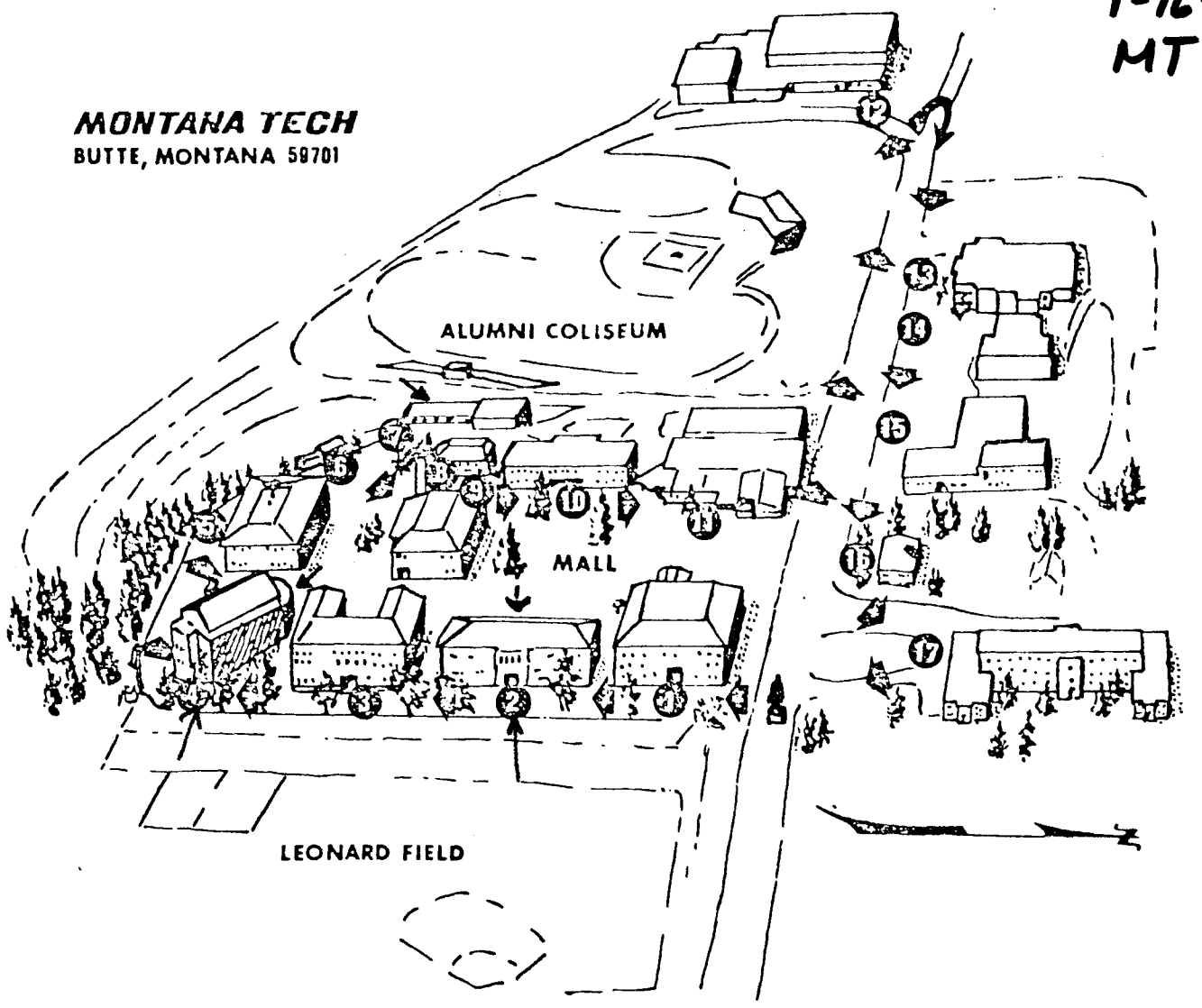
Unit	Project	Board of Regents Recommended Priority	Estimated Cost	Comments
Tech	Renovate Engineering Hall	9	$ 150,000	
UM	Journalism Renovation	10	98,000	
NMC	Brockman Partitions	11	27,000	
UM	Plan University Hall	12	100,000	
Tech	Computer Center Renovation	13	800,000	
AES	Farm Shop & Fuel Distribution System	14	120,000	
NMC	Armory Gym Entry	15	100,000	
WMC	Main Hall Remodel & Handicapped Accessibility	16	491,274	
EMC	General Classroom & Office Bldg.	17	9,200,000	
MSU	Engineering/Physical Sciences Complex	19	13,000,000	
NMC	Multi-Use Tech Bldg	20	6,389,000	
MUS	Handicapped Accessibility	21	500,000	
Tech	Centralized Physical Facility	22	125,000	

Table II continued--

Unit	Project	Board of Regents Recommended Priority	Estimated Cost	Comments
MSU	Electrical Distribution	23	425,000	LRBP
EMC	Land Acquisition	24	400,000	
MSU	Remodel Herrick Hall	25	620,040	
Tech	Electrical Loop & Water Main	26	325,000	Includes some Auxillary funds.
UM	Planning Math Bldg. Health & P.E. & Life Sciences Bldg.	27	100,000	
MSU	Planning Agriculture Life Science Complex	28	100,000	

Total LRBP Funds	$ 48,502,319
Auxillary Funds	625,000
TOTAL	$ 49,127,319

Exhibit 2
1-16-85
MT Tech



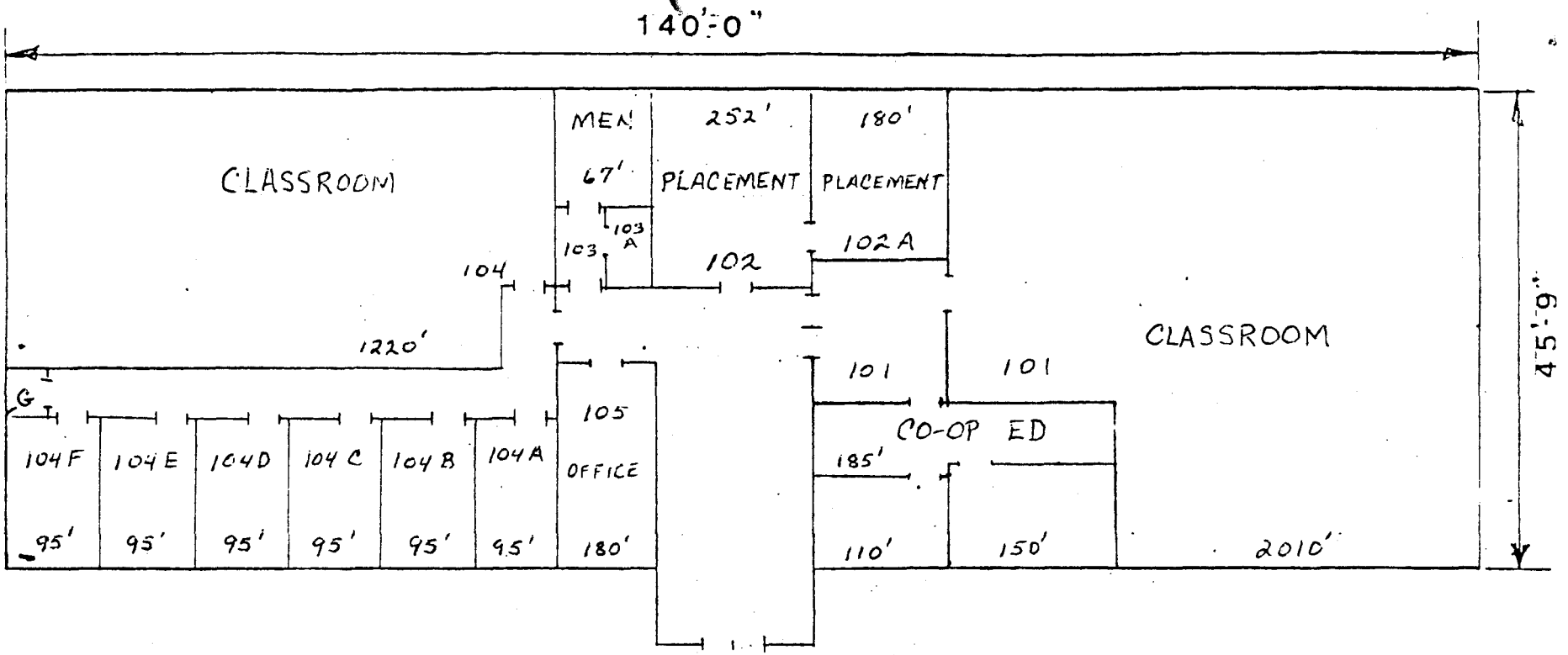
SCHEMATIC PLANS

BLDG. NO.

1. Science - Engineering
2. Engineering Hall
3. Main Hall
4. Museum Building
5. Metallurgy
9. Mill Building
10. Petroleum - Physics Building
11. Student Union Building
12. HPER Building
13. Library
15. Mining - Geology Building
17. Dormitory

Engineering Lab/Classroom Building

North Central Jr. High

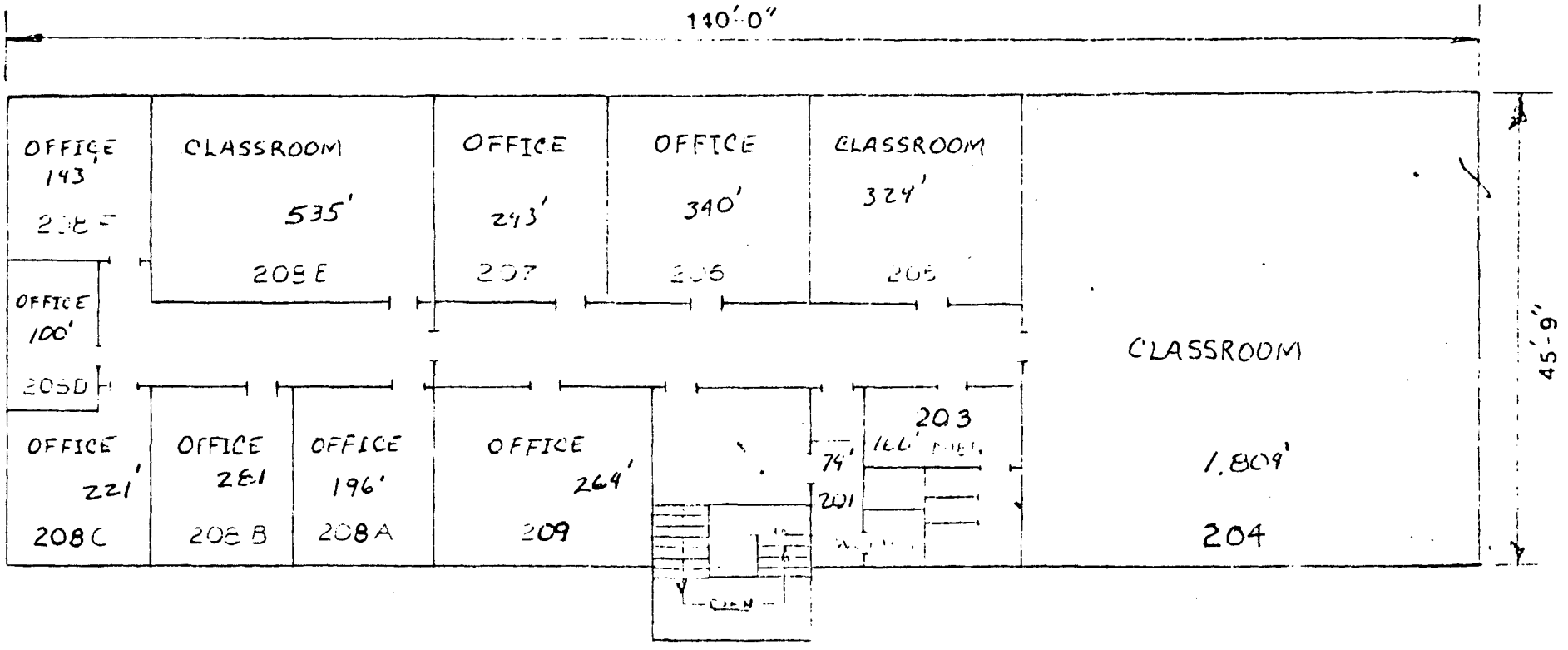


SCALE 1/16 = 1'-0"

FIRST FL. AREA 6510.0
SECOND FL. AREA 6510.0
BUILDING TOTAL AREA 13,020.0 SQ. FT

ENGINEERING BUILDING
FIRST FLOOR

MONTANA COL. OF MIN. SCI
FEB 1978 1/2



SCALE: 1/16 = 1'-0"

FIRST FL. AREA 6510.0'
SECOND FL. AREA 6510.0
BUILDING TOTAL AREA

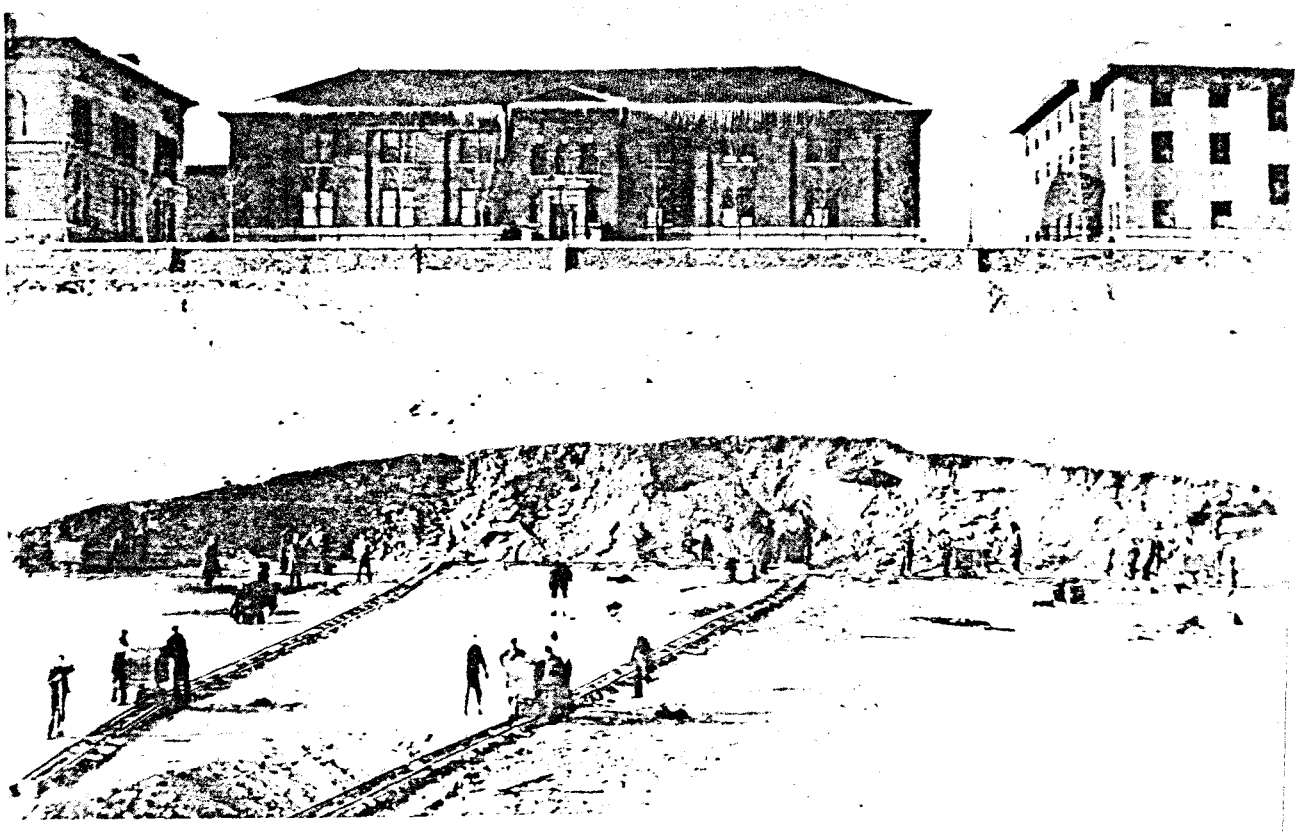
13020 SQ FT

ENGINEERING BUILDING
SECOND FLOOR

MONTANA COL OF MIN SCI

FEB 1978 2/2

Muckers dump waste below Mines campus, early 1920's.

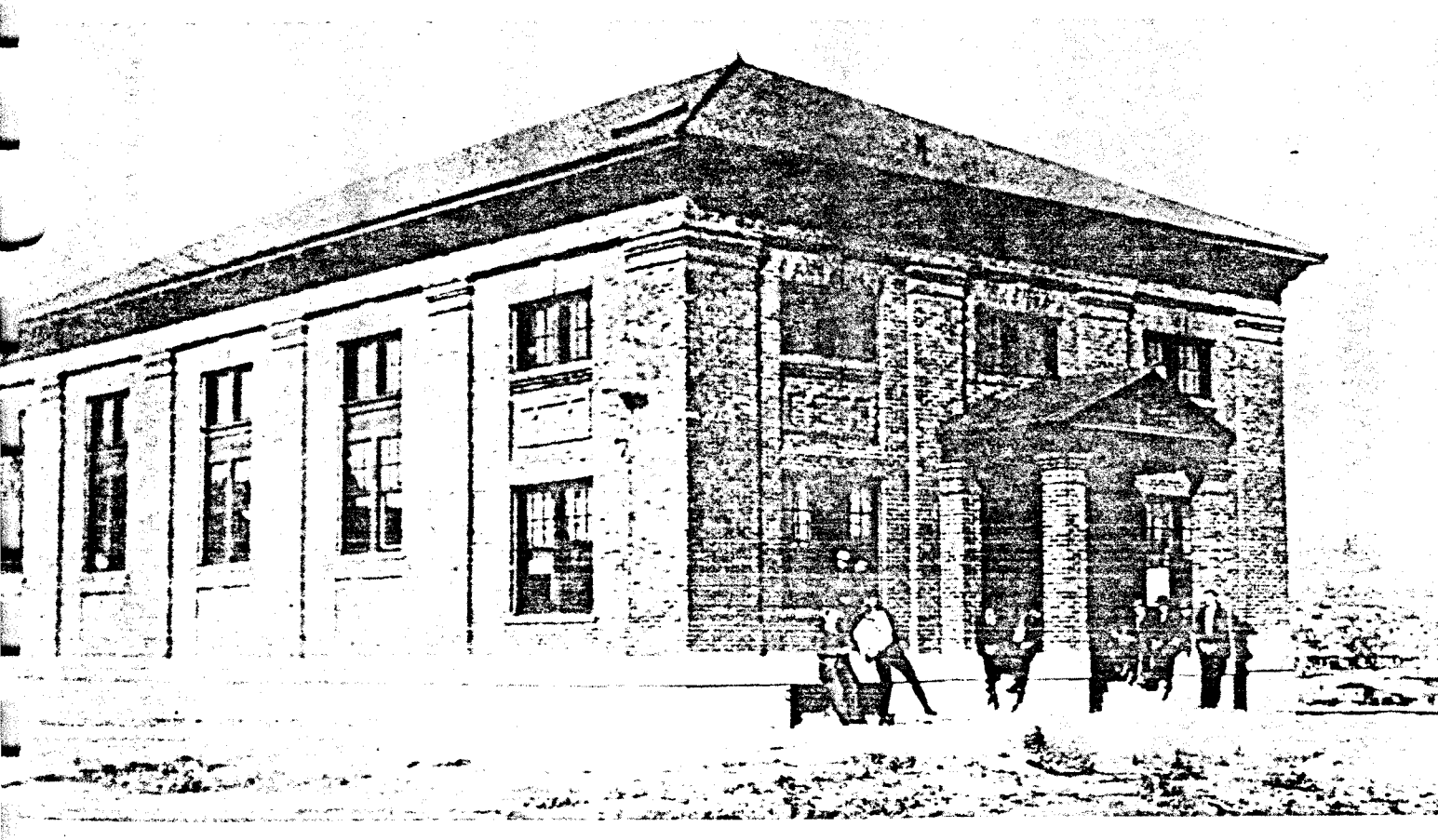


Leonard Field construction, 1931.

In this same report, Dr. Clapp also projected future needs of the school. He spoke of the need for a fifth building, the Chemical and Metallurgical Building which was under construction at this time. To equip the new building, $100,000 had already been appropriated. The existing chemical laboratory was over-crowded with 68 students in a space meant for 48. (Originally, the new building was projected to cost $200,000 and was to be finished by 1920. Actual completion was in 1923. Actual cost was $250,000.)

Clapp also stressed the necessity of a new engineering building. He recommended a new gym "to care for student athletics." This gym was to be built for $200,000 and would include an athletic field. (Clapp wanted to tear down the original gymnasium still in use today as Engineering Hall — and put up a new engineering building on this site. A new engineering building was never built, but a new gym was eventually built on the site of the original barracks building.)

It is interesting to note the prophetic quality of President Clapp's report to the State Efficiency Commission. Clapp stressed improvement of the grounds because of what he called the "adverse comment by all visitors and citizens of Butte." Moreover, he envisioned a new metallurgical building within ten years and a "modern library building of a monumental type, with a large amphitheater or assembly hall." He also discussed how to raise funds by "indirect or direct taxation, private endowment, or bond issue." While Clapp suggested that a bond issue would be the best way to raise money, he did not rule out private funds.



First gymnasium (later Engineering Hall), 1911.

Exhibit #3
1-16-85
MT. TECH

CHALLENGE PLAN

STATUS SUMMARY AS OF 12/31/84

		Goal	Pledged
I.	Faculty Development	$ 1,750,000	$ 1,711,330
II.	Admissions-Recruitment-Student Services	1,250,000	1,412,102
III.	Doctoral Degree Program-Equipment	250,000	118,000
IV.	Campus Facilities (New Engineering Laboratory/ Classroom Building)	1,250,000	1,145,466
V.	Unrestricted Gifts & General Support	-	112,000
	• Total	$ 4,500,000	$ 4,498,898
*	Gifts-In-Kind		$ 1,205,998
	• GRAND TOTAL		$ 5,704,896

I - FACULTY DEVELOPMENT

Name	Amount
Zach Brinkerhoff	$ 600,000
Union Pacific Foundation/Champlin Petroleum Co.	250,000
Sam Gary (Gary Energy)	125,000
Anaconda Minerals Company	100,000
Exxon Education Foundation	100,000
AMAX Foundation	80,000
Lee McFarland	76,000
MAPCO	75,000
Howard R. Lowe	63,410
AMOCO Foundation, Incorporated	60,000
ARCO Foundation	50,000
Marathon Oil Company	37,500
Ingersoll-Rand	25,000
Utah International	25,000
Halliburton Foundation	15,000
Gulf Oil Foundation	10,000
Burlington Northern Foundation	9,000
Chevron	5,000
Consolidation Coal Company	5,000
General Alumni Contributions and Matches	420
• Total	$ 1,711,330

II - ADMISSIONS-RECRUITMENT-STUDENT SERVICES

Name	Amount
Anaconda Minerals Company	$ 1,100,000
Anonymous Donor	100,000
CHALLENGE PLAN Cabinet Endowment Contributions & Matches	28,650
Haynes Foundation	28,000
Kaiser Aluminum & Chemical Corporation	25,000
Joseph Wiendl Scholarship Endowment Fund	25,000
Shell Foundation	18,750
George A. Cloudy	16,144
Florence Jane Norman Estate	10,000
Margot K. Gluck Scholarship	10,000
Hess Foundation	7,500
Alan Griffith Memorial	6,982
Harry Brinck Endowment	5,541
Walter T. Scott Memorial	5,263
Bill Alberts Memorial	5,172
Fred Crase Memorial	5,000
Joy Manufacturing Fellowship	5,000
George A. McCracken Memorial	5,000
Marian White Arts & Crafts Club Endowment	5,000
General Alumni Contributions & Matches	100
Helen Davis Estate	Yet to be Determined
Hubert Lillis	Yet to be Determined
Raymond Thompson	Yet to be Determined
• Total	$ 1,412,102

III - DOCTORAL DEGREE PROGRAM - EQUIPMENT

Name	Amount
Burlington Northern Foundation	$ 40,000
AMOCO	30,000
Fluor Corporation	17,500
Energy Reserves Group	15,000
Shell Foundation	8,000
Hess Foundation	7,500
General Alumni Contributions & Matches	100
Raymond Thompson	Yet to be Determined
• Total	$ 118,000

12/31/84

IV - CAMPUS FACILITIES

(Engineering Lab./Classroom Building)

Name	Amount
Newmont Mining Corporation	$ 500,000
ASARCO	200,000
William Randolph Hearst Foundation	50,000
Joseph T. Roy & ASARCO Match	30,300
Burlington Northern Foundation	30,000
Montana Tech Foundation	25,000
Alumni Association - Montana Tech	25,000
Anonymous Donor	25,000
Bechtel Civil & Minerals	15,000
Callahan Mining Corporation	15,000
Hecla Mining Company	15,000
Montana Standard & Lee Foundation	15,000
Pfizer Foundation	15,000
Stauffer Chemical Company	15,000
Alumni Contributions & Matches	13,466
James Foreman & Amax Foundation Match	12,000
Allen Engelhardt	10,000
Peabody Coal	10,000
Edna McCracken (In Memory of George)	8,000
Fluor Mining & Metals, Inc.	6,000
Bison Operating Company	5,000
D.A. Davidson & Financial Aims Corporation	5,000
Poore, Roth & Robinson	5,000
U.S. Borax	4,000
Conrad Lundgren	3,500
Miscellaneous Contributions	3,610
Frank Antonioli	3,000
Black Pine Mining Company	3,000
Butte Clearing House Association	3,000
G.A. Gustafson	3,000
Ideal Basic Industries	3,000
Theodore Jordan	3,000
Jack McCoy & ARCO Match	3,000
Martin Messner	3,000
Jerry Schuyler & ARCO Match	3,000
Anonymous Donor	3,000
Andrew Kuklis	2,424
Roundup Powder Company	2,400
Geo-Mechanics, Inc.	2,000
Harp Cote	2,000
Keith Dyas & Gulf Match	2,000
Golden Sunlight Mines	2,000
Kaiser Engineers	2,000
Montana Enviromet	2,000
Montana Power Company Environmental Engineers/Colstrip	2,000
Tamrock	2,000
Anonymous Donor	2,000
Coeur d'Alene Mines	1,600

Continued - See Page 2

IV - CAMPUS FACILITIES

(Engineering Lab./Classroom Building)

Continued from Page 1...

Name	Amount
Anderson Zur Muehlen & Company	$ 1,500
Thomas H. Melrose & Alcoa Match	1,500
Joseph A. Wiendl	1,500
Anonymous Donor	1,500
Ann & Darrell Holm	1,080
Eric Johnson & BN Match	1,080
J.E. Corette	1,006
Frank Bowdish	1,000
Joris Brinkerhoff	1,000
Butte Orthopedic	1,000
General Distributing	1,000
Great Falls Gas Company	1,000
Keith Johnson	1,000
Bob Koprivica	1,000
Vincent Larson	1,000
Lodestar	1,000
James McMahon	1,000
C. Gosta Miller	1,000
Montana Champion Council (Champion International Corp.)	1,000
Nerco Mining Company	1,000
Newland, Horn, Crippen & Peck	1,000
Northwest Scientific	1,000
A.D. & Maureen Rovig	1,000
Scholz Minerals	1,000
Silver Bow County School Employees F.C.U.	1,000
Ralph Smith	1,000
Westmoreland Resources	1,000
Wharp Minerals	1,000
Raymond Thompson	Yet to be Determined
• Total	$ 1,145,466

V - UNRESTRICTED GIFTS & GENERAL SUPPORT

Name		Amount
Montana Power Company		$ 112,000
	• Total	$ 112,000

All other gifts formerly listed in this catagory have been designated by action of the Foundation Board of Directors to be used for Campus Facilities, i.e., the Engineering Laboratory/Classroom Building.

12/31/84

GIFTS-IN-KIND

CHALLENGE PLAN CONTRIBUTIONS

Cooper Industries (Rotary Drilling Rig)	$220,000
Geophysical Services, Inc. (TIMAP II Computer System)	150,000
Anaconda Minerals Company (Geological Eng. X-Ray Diffraction Equipment)	108,500
Denver Poscessing Center (Software Pkg. for TIMAP II)	100,000
Anaconda Minerals Company (Environmental Eng. Equipment)	93,705
Anaconda Minerals Company (Complete Computer System)	50,000
Superior Oil Company (Seismic sections, interpretation maps & velocity information)	50,000
Anonymous Donor (EDAX-EXAM Six Energy Dispersive X-ray Analysis System & Automatic Sample Press)	50,000
Anaconda Minerals Company (Mining Eng. Equipment)	44,000
Ingersoll-Rand Company (Portable 600 cfm Compressor)	40,000
Al Ducich (4-plex & Property located at 628-630 W. Granite)	35,000
Duane Reber (House & Property located at 1400 W. Granite)	35,000
Marathon Oil Company (Honeywell Computer)	28,000
Holter Research Foundation (2 Seismograph Recording Systems and Electronic Test Gear & Parts)	20,781
Basic Research and Training, Inc. (Purchase/Donation of Simtran DS72A Well Control Simulator, etc.)	19,000
Imco (30 T1-58 Calculators & Drilmod/Bossmod Chips)	14,250
Kaiser Aluminum & Chemical Corporation Center For Technology (Gleeble - Mechanical Materials Testing Machine)	13,232
Marian S. Erdman (Map & Publication Collection)	12,650
Anaconda Minerals Co./Grants NM Operations (Mining Equipment)	11,500
Kaiser Aluminum & Chemical Corporation (5 Krouse Wire Fatigue Testing Machines)	10,000
Tigre Tierra, Inc. (Hammer Hawk, Model 66, Casing Driver)	10,000

Anaconda Minerals Company (Numonics Digitizer)	8,900
Ingersoll-Rand (I-R Compressor)	8,000
Anaconda Minerals Company (Eimco 12B Mucker Parts)	7,800
Elizabeth Hurlburt Stead (Mineral Specimens)	6,412
Twin Disc Incorporated (Misc. Equipment)	5,000
Wellman Dynamics Corporation (Emission Spectrograph ARL Source Unit and Control Consol.)	5,000
Micro Motion (Flow Meter)	4,000
G.W. Eagle Signal Controls (2 Sets of CP201A6 Processors, CP210A6 Programers & CP250A6 DADM)	3,500
Herbert A.J. Wendel (Collection of Semi & Precious Stones)	3,025
Easton Corporation (Model 46 Variable Pump)	2,623
Dresser Industries (Magcobar drilling manuals)	2,550
Western Company North America (100 engineer handbooks)	2,550
Hewlett Packard (Contribution toward mining engineering equipment)	2,500
Dresser Industries, Inc. (80 Drilling Mud Manuals)	2,400
Energy Reserves Group (Core Samples)	2,400
Anaconda Minerals Company (2 Computer terminals, Mining Engineering)	2,000
Magcobar Div. of Dresser Industries (Drilling Mud Manuals)	1,800
Western Co. of North America (Tech. Publications)	1,800
Exxon Minerals Company (Portable Alpha Scaler & Scintillation Tube)	1,500
Schlumberger Well Services (Log Analysis Material)	1,500
VWR Scientific (Explosion Proof Refrigerator)	1,500
Gordon L. Zucker (Dings Wet Belt Magnetic Separator & Laboratory Mixer)	1,300
Lyons Motors Company (1 Sun 1050 & 1 Sun 850 Engine Analyzer)	1,150
AMC Corporation (6 cyl. Engine)	1,000
Ford Motor Company (1.3 liter Ford Engine)	1,000
General Motors Corporation (Cadillac 6 liter 8 cyl. Engine)	1,000

Holter Research Foundation, Inc. (Scale Model Nuclear Fusion Device)	1,000
Lufkin (Operator's Manuals on CU80 Pumping Units)	1,000
Montana Power Company (Electric Power Research Institute Library)	1,000
Schlumberger Well Services (Interpretation Manuals)	1,000
Western Company of North America (100 Engineers Handbooks)	1,000
Anaconda Minerals Company (Misc. Equipment for Mining Dept.)	820
N.L. Baroid Company (Mud Materials)	800
Stari Systems Training & Research, Inc. (PRX-2 Entire Line Field	650
TOTCO Drilling Instrumentation (copies of 26-26A pub.)	550
Union Carbide Metals Division (1 Scintrex, Model BGS-1S Scintillometer)	350
Kaiser Aluminumm & Chemical Corporation (Controller, Recorders, etc.)	Undetermined
Clinton L. Miller (BMN'47, PEM'59) (Mineral Specimens & Reference Books)	Undetermined
Weissman & Sons (Mining Cart)	Undetermined
TOTAL	$ 1,205,998

Exhibit #4
1-16-85
UM

UNIVERSITY OF MONTANA

LONG-RANGE BUILDING PROGRAM REQUESTS

1985-87 BIENNIUM

PROJECTS RECOMMENDED

IN THE

EXECUTIVE BUDGET

FOR

THE

1985-87

CAPITAL CONSTRUCTION

PROGRAM

STATE OF MONTANA

Electrical Distribution System - Phase II $550,000

Drapes Engineering of Great Falls, Montana, in a recent report on the University's 3300V Primary Electrical Distribution System, noted that part of the high voltage distribution system was 40 to 50 years old, obsolete, fragile and subject to a major failure.

After studying this report, the University requested that the 1983 Legislature provide funds to rebuild this system. The Legislature provided funds to begin the replacement process. This request is to provide funds to complete the replacement process.

An additional $550,000 of Campus Auxiliary money will be used to fund this project. Total project cost is $1,100,000.

This project has priority 16 in the Capital Construction Program.

Health and Safety Projects $398,400

The health and safety of students, faculty and staff must be protected. This project is needed to assure that people are not exposed to hazardous conditions.

This will involve providing hoods, ventilators, exhaust systems and filtration as required in the following locations:

a) Old Fine Arts Building -- provide ventilation for crafts painting and print-making areas $187,000

b) Art Annex - filtration for ceramic glaze area, kiln room and studio area $180,000

c) Science Complex - filter hoods, exhausts, etc. $ 31,400

This project has priority 8 in the Capital Construction Program

Major Maintenance $171,000

This project is needed to assure that facilities are maintained in proper working condition. It provides for roof replacement and library building system improvements.

a) Roofs on some buildings have deteriorated to the point where they can no longer be effectively repaired. These funds would fully or partially replace the following roofs:

1) Animal Laboratory	$ 78,000
2) Zoology Annex - partial replacement	$ 18,000
3) Old Fine Arts Building - partial replacement	$ 11,000
4) Journalism Building	$ 12,000

These items are part of the priority 4 of the Capital Construction Program.

5) Library - replace badly frayed carpet which is potentially hazardous	$ 52,000

This item is part of priority 13 of the Capital Construction Program.

PROJECTS RECOMMENDED

BY

THE BOARD OF REGENTS

FOR INCLUSION

IN THE

CAPITAL CONSTRUCTION PROGRAM

Planning $200,000

Careful planning is necessary to assure that future projects are cost effective and result in an optimal use of state funds. Planning funds are requested for three current buildings -- University (Main Hall), the Mathematics Building and the Health and Physical Education Building (Old Men's Gym). In addition, funds are requested for a proposed Life Sciences Building. In the case of University Hall, special planning efforts must be undertaken to balance historical preservation concerns with future facility needs.

The funds will be used as follows:

a) University Hall	$100,000
b) Mathematics, Health and Physical Education and Life Sciences Buildings	$100,000

Journalism Renovation $98,000

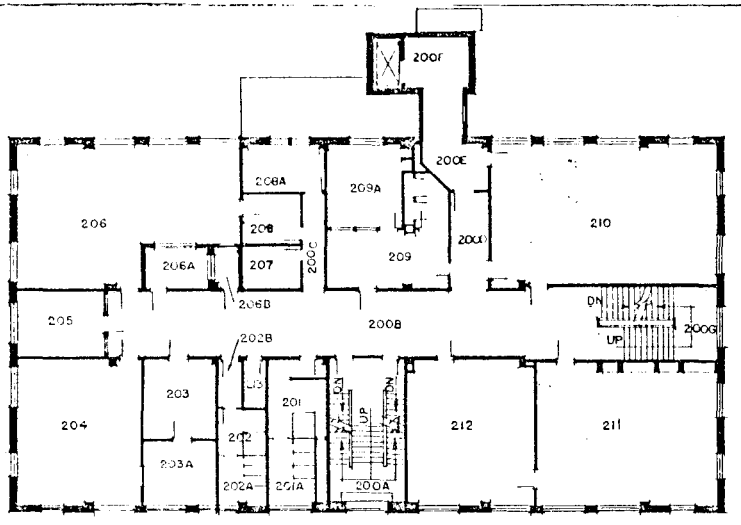
The third floor of the Journalism Building is being vacated by the Radio-TV Department and by KUFM Radio. The space must be remodeled for classrooms, office and work areas if it is to be utilized efficiently.

This involves remodeling two areas:

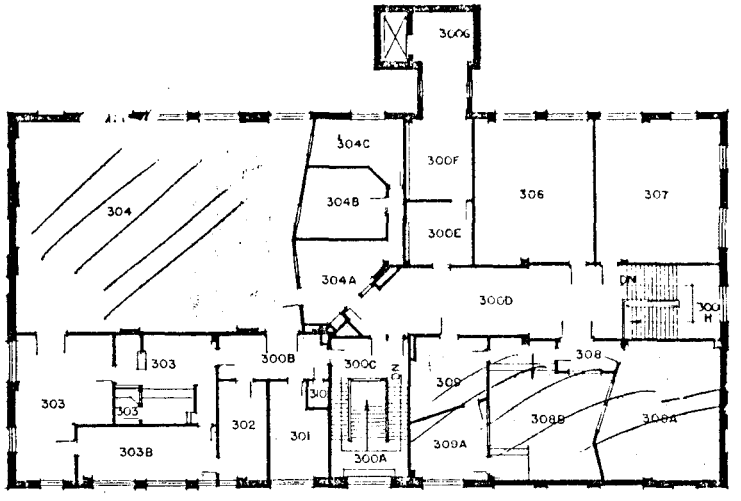
a) Radio-TV Control Rooms -- convert to photography graphics laboratory and faculty student work area.	$34,000
b) Television Studio -- convert to lecture hall	$64,000

Cost estimate prepared by Witwer, Price and Crabtree

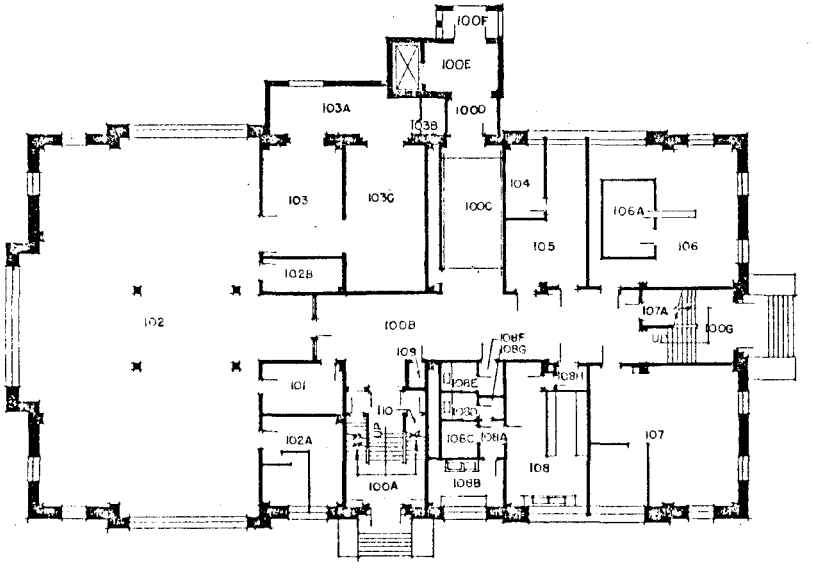
a) Construction Cost:	$78,400
b) Architectual/Engineering Fees:	8,630
c) Contingencies:	9,370
d) Other	1,600
	$98,000



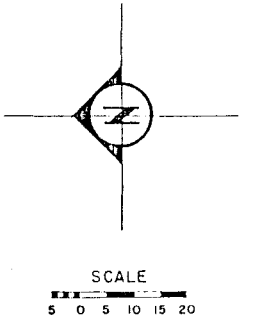
SECOND FLOOR PLAN



THIRD FLOOR PLAN



FIRST FLOOR PLAN



DRAWN 3-77 CGH
9-82 WN

1936 JOURNALISM 012

UNIVERSITY OF MONTANA MISSOULA, MONTANA

PHYSICAL PLANT DEPARTMENT

Business Administration Building $11,960,000

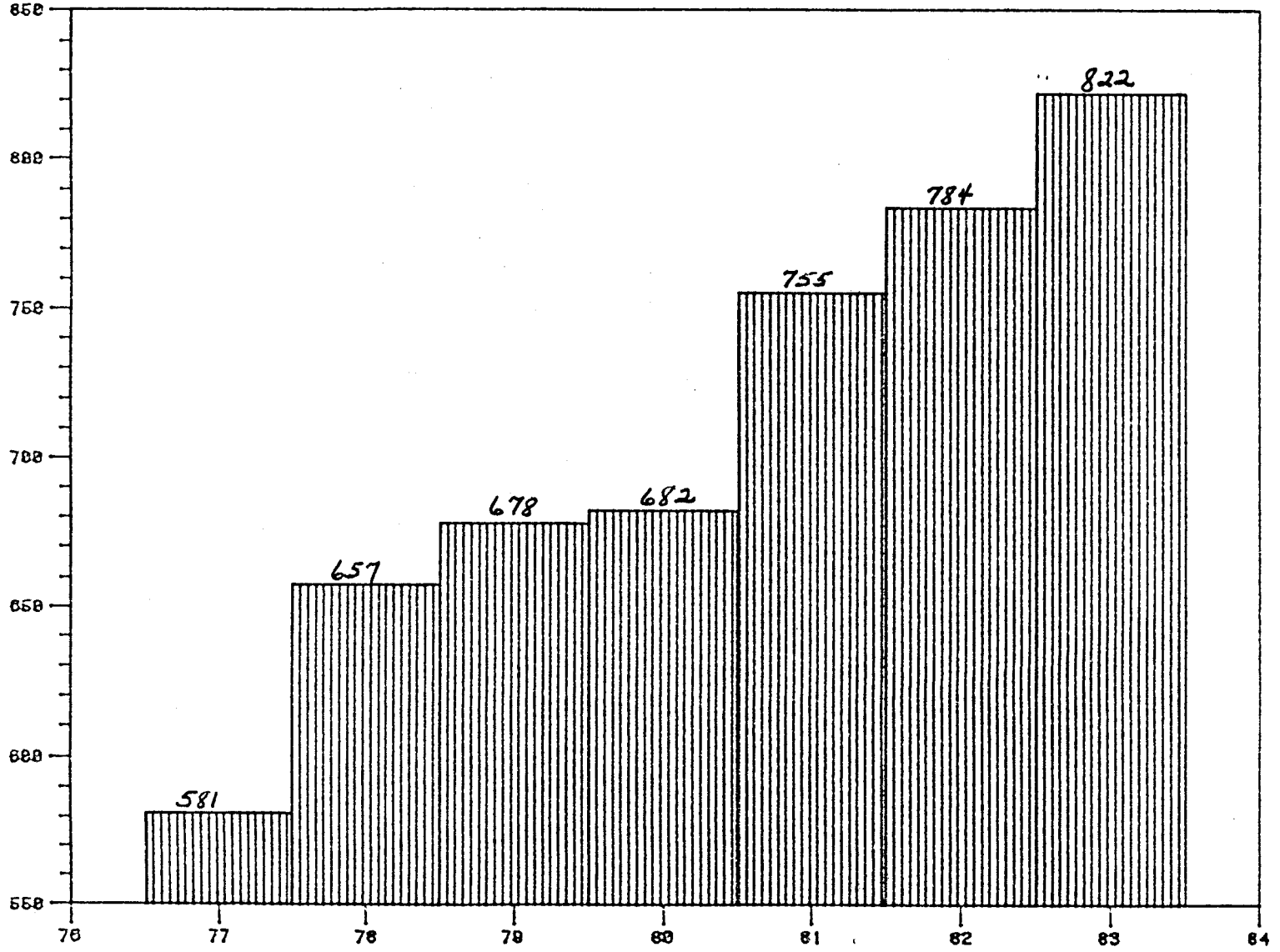
The Board of Regents' Role and Scope Statement designates the University of Montana as the institution with primary responsibility for graduate instruction in Business. It states, further, that the School of Business should offer a full undergraduate program with a range of options. If the University is to provide these programs, it must have modern facilities with adequate space for faculty, staff and students. Planning authorization for a new facility was granted by the 1983 Legislature. That planning is concluded and the University is ready to proceed with the building.

Present facilities are inadequate. Ten of thirty-four faculty and six of eight teaching assistants now have offices in old former single-family housing units near the Business Administration Building. There is a need for 25% more classroom space. The building has no large classrooms, seminar rooms, conference rooms or adequate storage spaces. Because of this, approximately 33% of the Business Administration classes are scheduled outside of the present building. Finally, the space occupied by the Bureau of Business and Economic Research is also inadequate. The present Business Administration Building is generally solid and serviceable, but does not meet the needs of a modern School of Business. Upon construction of the new facility, the current building will be used by programs that are presently housed in crowded spaces on the campus.

Estimated Cost of the Project (Page-Werner and Partners, Great Falls)

a) Construction at $85 per sq. ft.	$ 8,891,000
b) Site development, survey and test (1.7%)	151,349
c) Utilities (1.8%)	160,467
d) Architecture and Engineering (6.7%)	598,103
e) Administration, Legal and Codes (.26%)	22,794
SUBTOTAL	$ 9,823,713
f) 2 Years' Price Increase (9.68%)	951,287
SUBTOTAL	$10,775,000
g) Equipment	781,000
h) Contingencies	304,000
i) Art	100,000
TOTAL	$11,960,000

SCHOOL OF BUSINESS ADMINISTRATION
ACADEMIC YEAR FTE STUDENTS

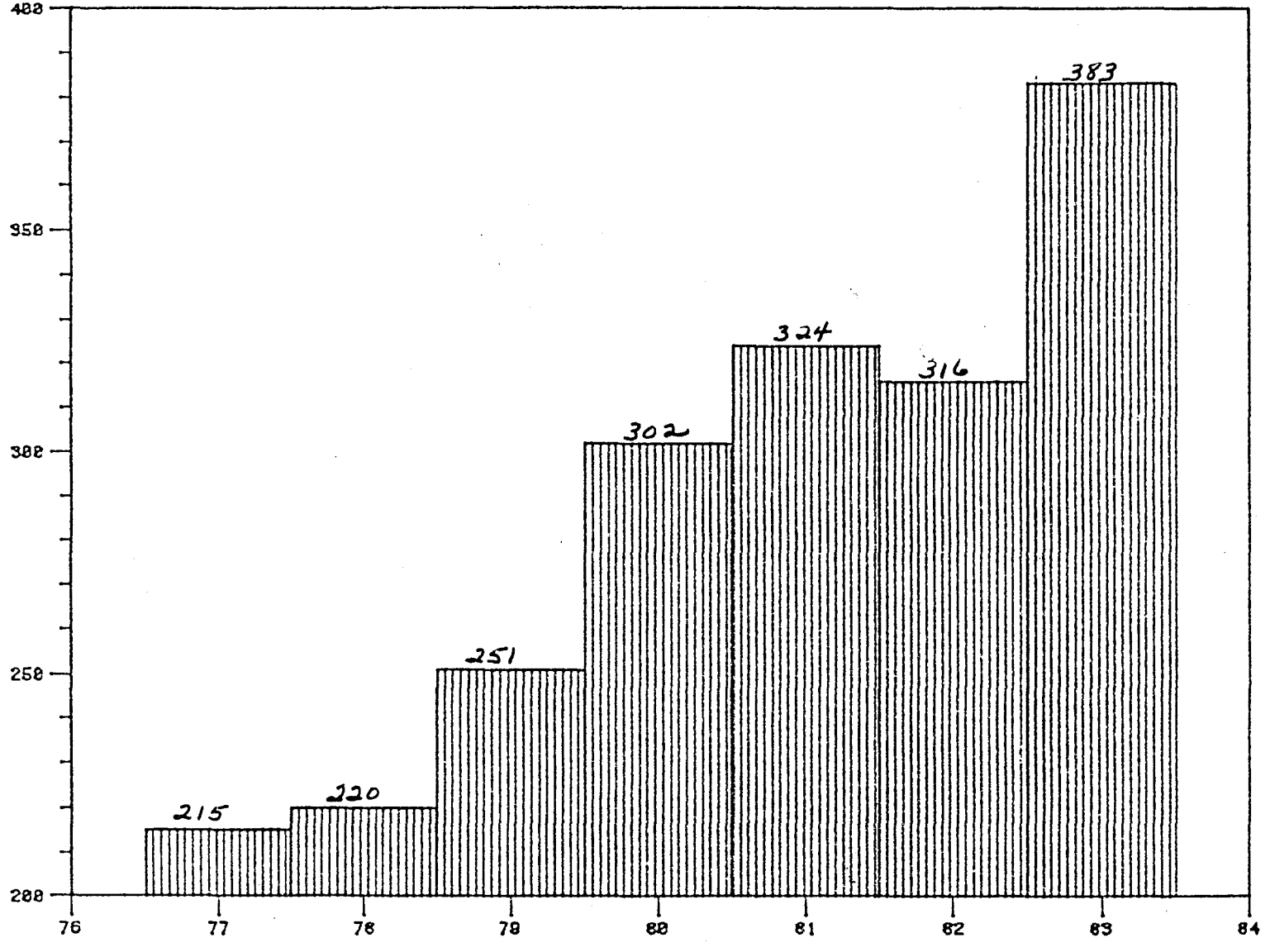


FTE STUDENTS

ACADEMIC YEAR

SOURCE: INST. RESEARCH

SCHOOL OF BUSINESS ADMINISTRATION
DEGREES CONFERRED



SOURCE: INST. RESEARCH

School of Business Administration
University of Montana

Size (campus only)

Majors	AY72-73	AY82-83	% Increase
Undergraduate	813	1,582*	94.6%
Graduate	48	87**	81.2%
	861	1,669	93.8%

*An additional 107 students list business as their major for a second degree.

**MBA enrollment on campus capped since 1981.

Student Credit Hours Produced

Undergraduate	21,180	35,081	65.6%
Graduate	917	1,545	68.5%
	22,097	36,626	65.7%

Relative Size (campus only)

Majors	AY72-73	AY82-83
Undergraduate Students	11.5%	20.4%
Undergraduate Declared Majors	14.1%	23.7%
Graduate*	4.6%	8.1%

*Includes all graduate levels. In 1982-83 the MBA program was 12.5% of the master's level.

Student Credit Hours Produced

Undergraduate	6.4%	10.9%*
Graduate	4.1%	5.8%**

*Difference in percentage of majors and credit hours caused by the fact that business majors take 52% of their work outside the School.

**Enrollment in MBA program on campus has been capped since 1981.

Degrees Granted

	1973	1983
Bachelors	131	323
Masters	64	60*
	195	383

*MBA enrollment capped since 1981.

School of Business Administration
University of Montana

Comments on Present Space

1. Occupied since 1951.

2. 32% of full-time faculty officed in houses around campus. If teaching assistants counted, the figure is 42%.

3. Many classes (approximately 1/3) outside business building.

4. No large classrooms.

5. No seminar rooms.

6. No conference or meeting rooms.

7. No handicapped access above first floor.

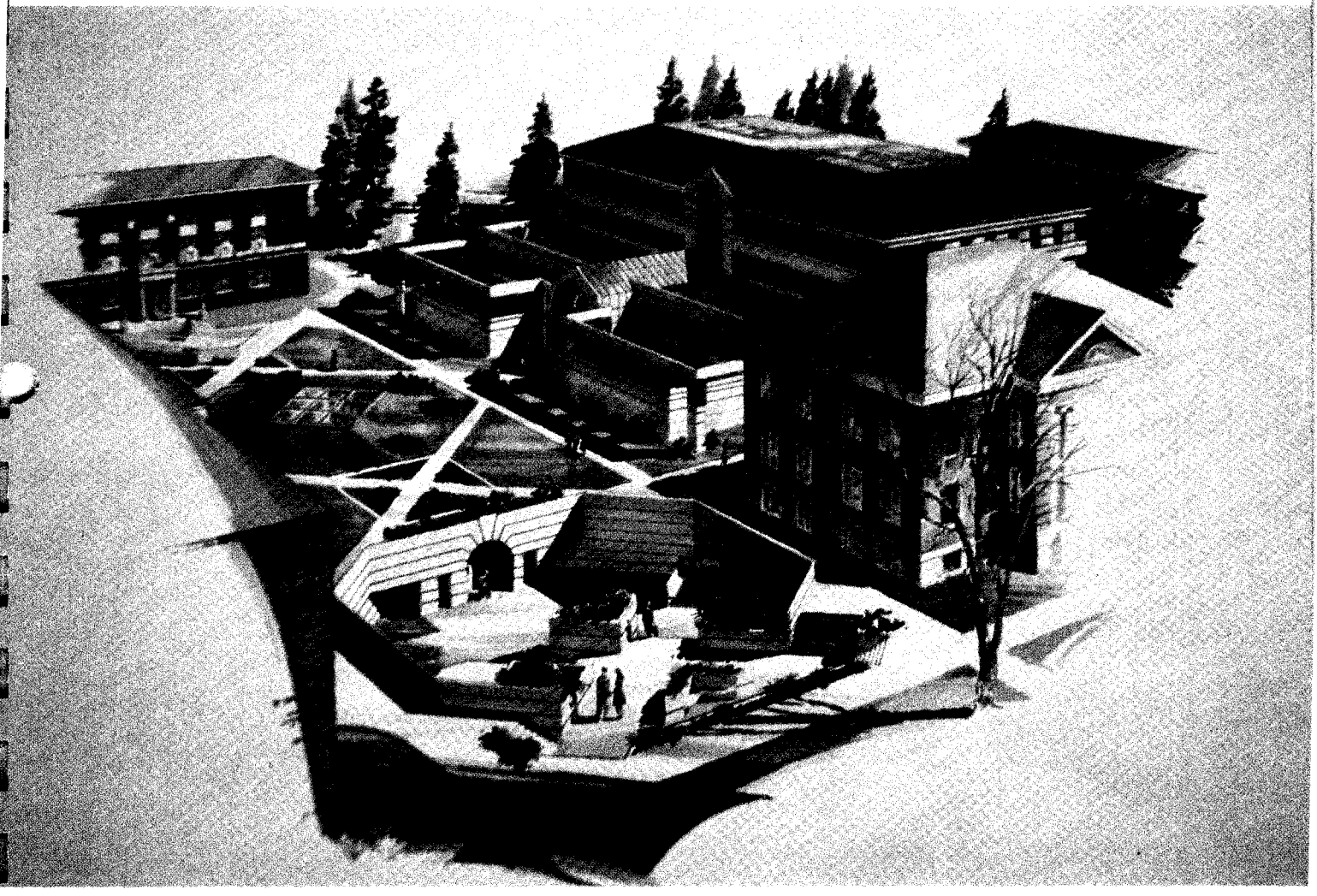
8. No space for student organizations.

9. Bureau of Business and Economic Research out of space.

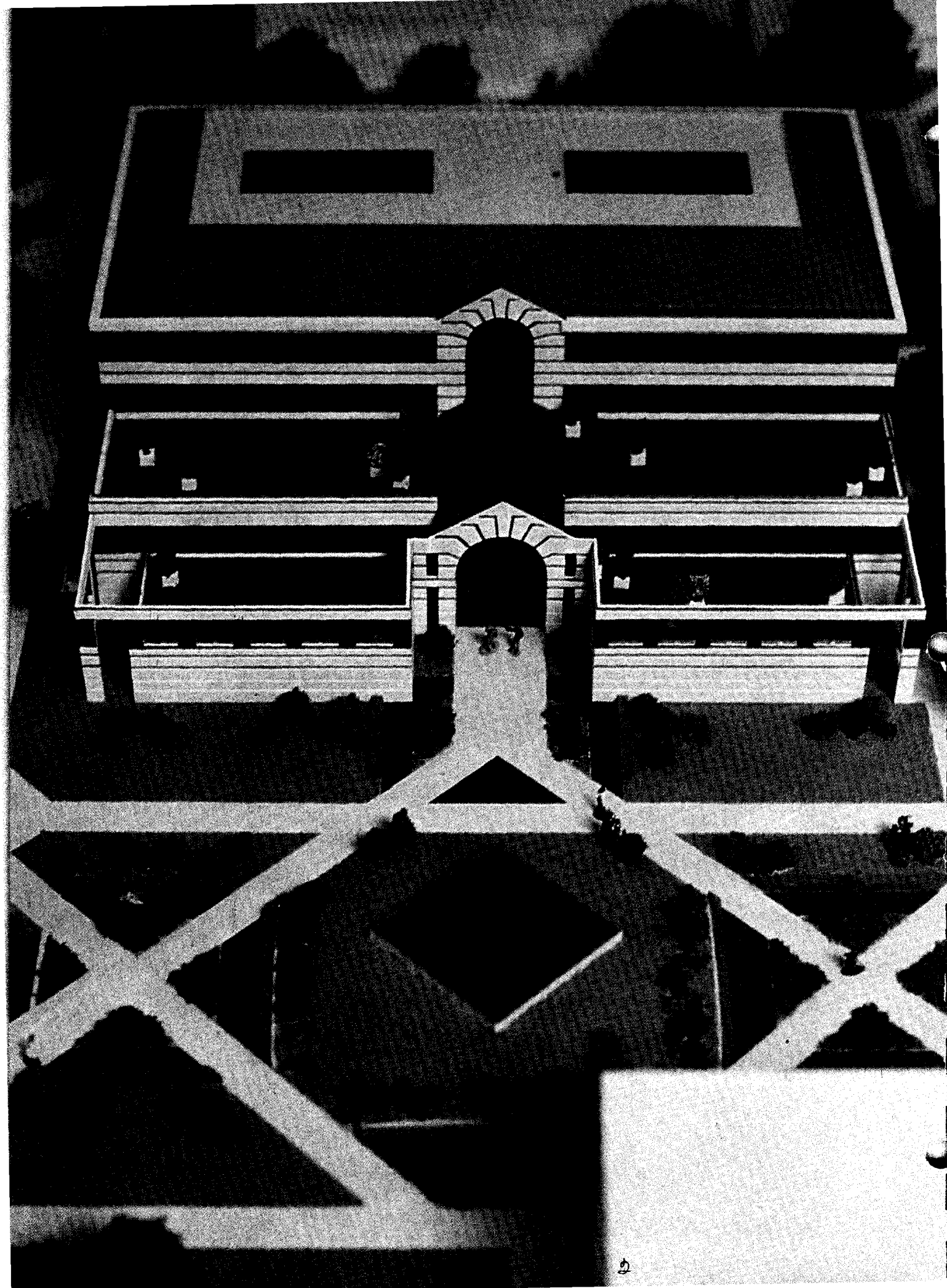
10. No storage space.

Exhibit # 5
1-16-85
U of M

Proposed
Business Administration Building



University of Montana



A new business building: the need

The School of Business Administration is the University of Montana's largest professional school. It enrolls 20.4 percent of UM's undergraduates (23.7 percent of those who have declared a major) and 8.1 percent of all graduate students, despite the fact that enrollment in the MBA program has been capped since 1981.

These figures reflect dramatic growth over the past ten years. The number of undergraduate business majors has grown 94.6 percent from 813 in 1972-73 to 1,582 today. Despite the recent freeze, graduate enrollment too has nearly doubled. The UM Office of Institutional Research expects this growth to continue, predicting a 77 percent increase in student credit hours in business by 1993.

The importance of the School of Business Administration to the University of Montana and to the state has also grown. In 1983 UM granted 323 undergraduate degrees in business, up from 131 ten years earlier. These UM business grads stay in Montana where, as professionals and as owners and managers of small businesses, they make an enormous contribution to the economic health of our state. During the same period the expertise of the school's faculty and staff -- most visibly through the Bureau of Business and Economic Research -- has become an increasingly important resource for the business community.

Clearly UM's School of Business Administration has a mission of great importance to the long-term, economic well-being of Montana, and clearly it is fulfilling that mission very well.

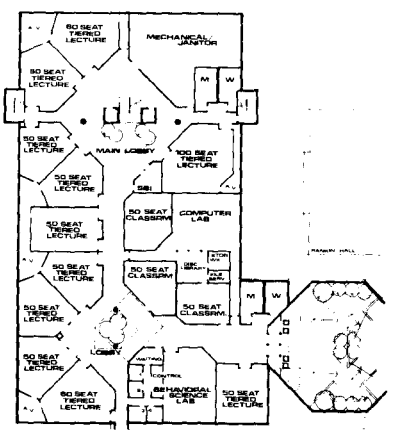
Yet, the school operates in a building that has been inadequate for many years, and its inadequacy is fast approaching crisis proportions. The existing building, which has been used by the Business School since 1951, simply is not big enough. One third of the full-time faculty must be housed elsewhere on the campus. As the school grows, the problem will grow worse. By 1993 the school will need office space for 64 full-time faculty members. Today it can house only 22.

Similarly classroom space is both inadequate and inefficient. Approximately one third of all business school classes must now be held outside the school. Introductory courses could be taught efficiently to classes as large as 200, and basic courses in marketing and management, to classes of 100; yet the largest classroom in the Business School building seats only 80. At the other extreme there are few rooms that seat fewer than 50 and no seminar rooms. Graduate seminars and other small classes are often taught in rooms that can seat 50 students. Advancing technology has further aggravated the space problem; in recent years two classrooms have been taken out of service and converted to computer labs.

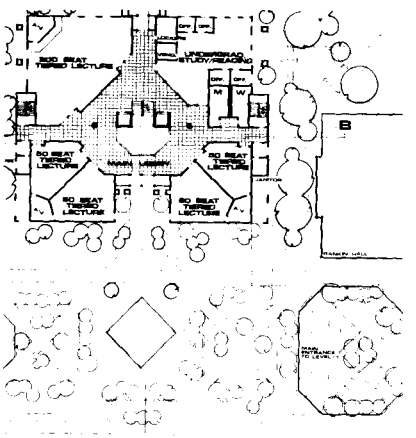
The present Business School is a three-story building, but there is no handicapped access above the first floor. There are no conference or meeting rooms, virtually no storage space, and no space for student organizations. The Bureau of Business and Economic Research has outgrown its offices.

The 1983 Legislature acknowledged the significance of these problems when it authorized the University to plan a new business administration building. Using private funds from the UM Foundation, the University engaged the architectural firm of Page-Werner & Partners of Great Falls. They have completed preliminary design for a building that will not only be a handsome addition to the campus but will meet the needs of the UM School of Business Administration through the rest of this century.

The building's projected cost is $11,960,000, and the 200 to 300 jobs that would be created during the two-year construction period would significantly boost western Montana's still sluggish economy.



Level-one (below grade)



Level-one

Credits

Produced by the University of Montana Office of News and Publications

Copy/Design:
William Scott Brown

Photography:
Howard Skaggs

Cover art and floor plans:
Page-Werner & Partners

Printing:
UM Printing Services 55

No state funds were used to print this brochure.

Setting and design

The design by architects Page-Warner & Partners combines esthetics, efficiency and cost-effectiveness.

Site

The new building completes the north end of a mall, extending across the center of the Oval from Chemistry-Pharmacy on the south to Social Science on the north. Because the site intersects the existing tunnel system, utilities are already available, an important cost savings.

The location places the academic focus of one fifth of UM's students at the center of campus, close to related facilities like the Social Science and Liberal Arts buildings, the library, and the University Center.

Exterior Design

The planned building is unmistakably modern, but with its terra-cotta and brick exterior and seemingly modest size, it will harmonize with its older neighbors. Actually the building is quite large, more than 100,000 square feet; yet its scale is not overwhelming because more than a third is below grade. The terraced construction on its west side preserves the view of beautiful, historic Rankin Hall.

Main entrances on the east and west and an amphitheater entrance just off the Oval will accommodate pedestrian traffic.

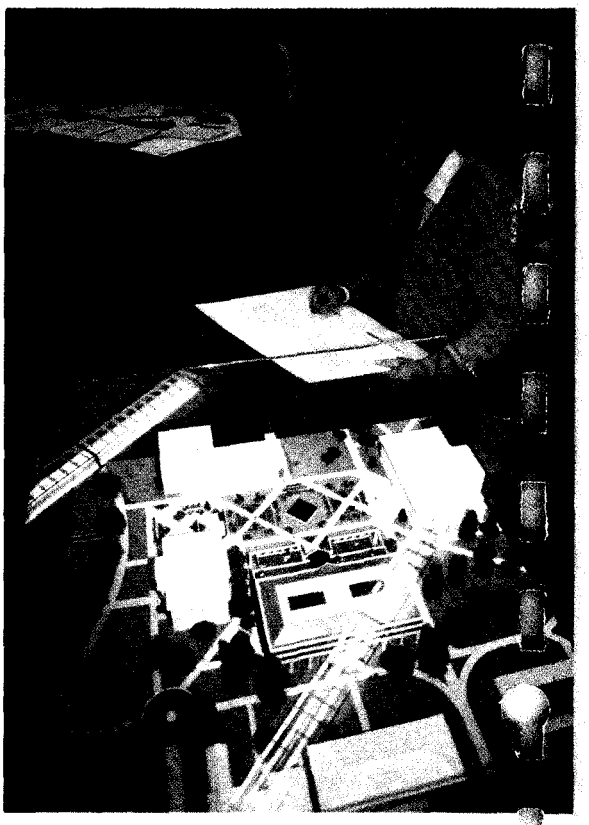
Interior Design

The building is planned with four levels above grade and a large area below ground-level extending beneath the mall to the west. Facilities requiring public access are on lower levels while those requiring little public access or greater security are on upper levels.

Level one contains most of the instructional space. Plans incorporate computer facilities, a lab complex for behavioral science research, space for students to gather and store their belongings, and classrooms, including one lecture hall with 200 seats and one with 100 seats. All classrooms will be served by modern audiovisual equipment and will be linked to both the building's and the University's computer facilities.

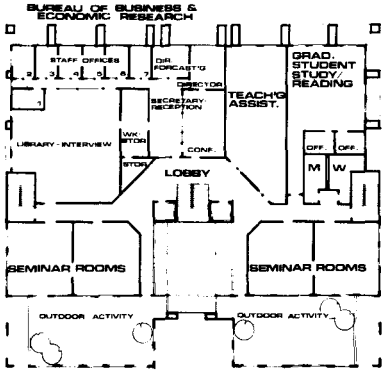
Level two will house seminar rooms, office space for teaching assistants, and a study area for graduate students. The Bureau of Business and Economic Research will also be housed on this level.

Level three houses administrative space, as well as fourteen faculty offices, and space for part-time faculty. Grouping the dean's office with the offices of department

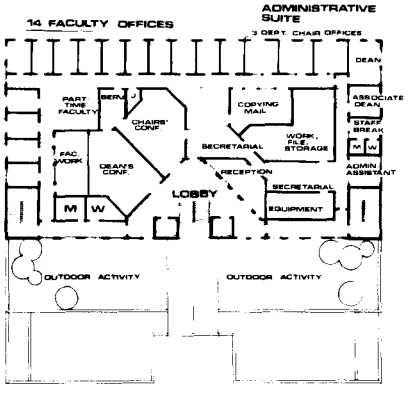


chairs permits efficient sharing of secretarial, filing, storage and work areas.

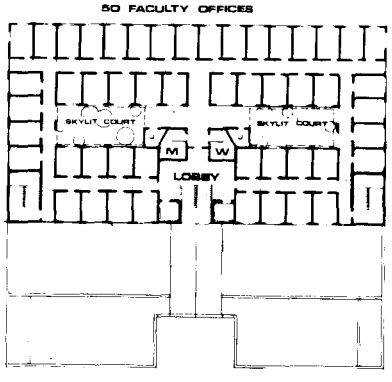
Level four contains 50 faculty offices for a total of 64, the projected faculty size in 1993.



Level-two



Level-three



Level-four

Summary

The University of Montana School of Business Administration has grown dramatically in the last ten years, and that growth is expected to continue. This has been good for Montana because most business school graduates find work in Montana, typically as managers or owners of small businesses.

Long ago, however, the school outgrew its building, and the problems of inadequate space, already serious, can only get worse as the Business School's enrollment nearly doubles in the next ten years.

A much-needed new business administration building has been planned for a central location on the UM campus. Its cost is projected at $11.96 million.

This project will --

- provide necessary classroom space
- bring the faculty and programs of the School of Business Administration back together in a central location.
- provide adequate office and work space for the Bureau of Business and Economic Research
- create between 200 and 300 jobs during the two-year construction period.
- accommodate the growth of the Business School so the school can continue to serve Montana's economy with its graduates, its research, and its expertise as it has in the past.

For these reasons the University of Montana seeks from the 1985 Legislature authorization and funding to construct a new Business Administration Building.

At-A-Glance

Proposed UM Business Administration Building

Size	104,600 sq. ft.
Facilities	
Classrooms	30,752 sq. ft.
1-200 seat lecture hall	
1-100 seat lecture hall	
5- 60 seat lecture halls	
12- 50 seat lecture halls	
4-seminar rooms	
1-Small Business Institute case room	
Faculty offices and support	15,404 sq. ft.
Administrative offices and support	6,818 sq. ft.
Bureau of Business and Economic Research	5,100 sq. ft.
Study area/public spaces	4,226 sq. ft.
Behavioral science lab complex	2,625 sq. ft.
Computer area	2,260 sq. ft.
Circulation, lavatories, mechanical space, janitorial space, wall thicknesses, etc.	37,415 sq. ft.
Costs	
Construction @$85/sq. ft.	$8,891,000
Site development,survey, test (1.7%)	151,349
Utilities (1.8%)	160,467
Architecture and engineering (6.7%)	598,103
Administrative, legal, and codes (0.26%)	22,794
SUBTOTAL	9,823,713
Two year's price increase (9.68%)	951,287
SUBTOTAL	10,775,000
Equipment	781,000
Contingencies	304,000
Art	100,000
TOTAL	11,960,000

Exhibit #6
1-16-85
U of M

Statement of Dean Paul B. Blomgren
Before The Long Range Planning Committee
Helena, MT 1/16/85

Instead of rehashing the size and enrollment statistics you already have before you, I would like to speak from the perspective of one with 38 years in the academic profession, 26 of them as a dean and academic administrator. In these 26 years, I will have served twice as Dean at U of M (59-64 and 77-85) for a total of 13 years. So I also have some knowledge of Montana and this School of Business.

Let me say to start with that when we talk about the UM School of Business Administration, we are talking about a high-quality school of which Montana can be proud. I don't just base this on the fact that it has been accredited by the American Assembly of Collegiate Schools of Business since 1949. I base this statement on my experience in three Big Ten Universities, two private colleges and a California State University. I have many stories to illustrate the quality of the school, but two should be enough. One is of the undergraduate who went on to Northwestern University to take a master's degree and tutored his classmates on the basis of what he learned at UM as an undergraduate. The other is a student who went on to take a master's degree at the Wharton School. He wrote his dad last year and said: "I never realized how good an education I have already had until I came here." We are, in fact, talking about a very good school.

Gentlemen, we have a problem. WE ARE SPACE LIMITED. As you can see, our enrollment has really grown. The enrollment growth isn't peculiar to Montana - it is a national phenomenon. All the evidence points to the fact that it will continue. In fact, the College Entrance Examination Board in a recent publication states:

> For the sixth consecutive year business and commerce was the most popular area...It is the most popular area ever recorded in these reports.

Our enrollment of majors alone has outstripped our physical capacity to handle them. Some majors come and then transfer because of inability to get their courses. We do not have enough classrooms and those we have are poorly suited to our needs. What additional classroom space we can acquire is space on which others have first call. So we take what we can get, when and where we can get it.

The problem isn't just confined to majors. In order to accommodate majors we have drastically cut service enrollment (non-majors taking business classes). This really bothers me because these other majors need the business courses to help them in their field. At last count these "other" majors represented over 40 non-business departments. After the cuts already made in non-majors, that option is now almost foreclosed to us.

We have no office space in which to house additional faculty. What dispersed office space we have outside the main building causes us many problems.

We have no handicapped access above the main floor and only two classrooms are available there. As a result we constantly have to relocate classes when a handicapped student enrolls. Even worse, faculty who wish to advise or meet with a handicapped student outside the classroom have to do so on a bench in the first floor hall outside of my office. That's like advising in Grand Central Station.

Bluntly speaking, based upon my experience, we cannot continue to provide a quality education in business for Montana's young people under these circumstances. (I would like to point out that over 82% of our business students are from Montana.) Not only does quality suffer, but I've already pointed out we are now denying the opportunity for many non-majors to take business classes and we are forcing out some majors because they can't get the classes they need. If this continues we will have to limit admission to the School. I think Montana's young people who want to study business deserve a better break than this.

The whole space problem is literally strangling us. It will not go away. It will only get worse. We brought the problem to the attention of this committee at the last session. We were told to go home and plan a building. We have done so - that's why we are here. When I retire from the University this June 30, I hope it is with the knowledge that something has been done to solve the problem.

Exhibit #7
1-16-85
UofM

My name is Maxine C. Johnson. I am director of the Bureau of Business and Economic Research in the School of Business Administration, University of Montana.

Some of you know our work, at least by reputation. If you could see where it is produced, I think you would be surprised.

We are literally jam-packed in our offices together with our library, our files and computer printouts, our terminals, calculators, typewriters, and telephones.

We do not have enough offices for our research staff. One researcher is housed away from the Bureau. Two others share a very small office. An editor moved her desk in between two bookshelves in the combination library and work area, where we also have two computer terminals, two telephones used for interviewing during surveys, and a work table for people using the library. I don't have to tell you that researchers and editors need a quiet place to work and think.

We have no storage space for our publications, data files or other materials. They are piled everywhere.

We do not have a conference room where we can meet with business people or people from state agencies who come to see us about research projects. We don't have a table where the entire Bureau staff can sit down for a meeting.

My office holds three people comfortably, four at a maximum. It is one of the largest offices we have.

When we conduct our quarterly Montana Polls, a statewide telephone poll, or other special surveys, we bring in extra workers and endure further crowding and confusion.

When we hire temporary researchers for special projects, we have no place to put them.

In short, our offices are crowded, noisy, and inefficient. I have no doubt that our very fine staff would increase its output significantly if we had adequate and suitable working space such as would be provided in the new building.

January 16, 1985

Exhibit #8
1-16-85
U of M

Long Range Planning Committee
January 16, 1985

Bruce P. Budge

I am going to address the needs of the faculty. I have been teaching for twenty-six years at five universities, and I consider the faculty and the program of the Business School at the University of Montana to be the very finest I have ever worked with.

We have worked hard to build this quality and have recruited professors with degrees from many of the best universities in the country. We have many good things to offer them, but adequate teaching facilities and office accommodations are not among them.

We have faculty offices in [redacted] old houses - the address of one is 626 Eddy. The house has been divided into small rooms. Some have better heat than others. In those offices, we have people like Dr. Richard Smith in Finance and Michael Brown in Accounting. Dr. Smith is the former Vice President of Finance for Potlatch Forests, Inc. He has a law degree from Harvard University and a Ph.D. from the University of Oregon. Mike Brown is past President of the Montana Society of CPAs. They are both outstanding academicians in many ways. The office space provided is not what you would expect for people of this caliber.

These people have given up their offices in the Business Building to make room for new faculty. New faculty members must not be put off in some place away from the business school if they are to learn the ins and outs of advising, have access to the other teachers in their area, and work with other faculty on research and course development. By the same token, the older members of the faculty are greatly missed when they are not working in the same location with the rest of us.

We have long since passed the point where only the teaching assistants and visiting instructors are in offices outside the building - at present, they are most often relegated to basement rooms, small basement rooms often without windows.

There are about thirty faculty members who regularly advise somewhere in the neighborhood of 1800 students for registration every quarter. In assigning advisors we have to explain to the students where the advisor is - across the street in the basement of the big old house - across the street and West about a block, its the first white house you come to, Dr. Brown is upstairs at the end of the hall.

Students have difficulty locating their professors for academic help as well as advising when they are located in buildings never intended for office use.

If it sounds bad, its because it is bad. Next year we will

have four new faculty members if recruiting goes well. Right now, we have no idea where we will find office space for them. It makes little sense to bring in good people and develop the quality of faculty that we now have in the Business School and then not provide them with the facilities needed to achieve their potential as teachers.

This is a building for all of the people of Montana. It will reflect the quality of the Business Program and provide the people of Montana with the kind of Business training and education which is so important to the future economic development of the State and the well-being of its citizens.

Exhibit #9
1-16-85

The School of Business Administration has an Advisory Council composed of 16 business and professional people from throughout Montana and 2 from out-of-state. They represent various types of business such as public accounting, retailing, ranching, warehousing, financial institutions, public utilities, etc. They also represent various areas of the state from Kalispell to Great Falls, Fort Benton and Sidney as well as from Missoula to Helena, Butte, Martinsdale and Billings. As Chairman of that Council, I am here today representing them.

The Accounting Department also has an Advisory Board of 10 similarly distributed individuals engaged in public, industrial and governmental accounting. I am also speaking for that Board.

Both groups have acquainted themselves with the School's problem of physical space caused by the enrollment growth shown by the figures you have in front of you. We recognize the problem is both real and immediate. Without relief from this space problem, the School cannot continue to provide a quality education and meet the magnitude of demand it faces.

We have been briefed on the proposed building by the architects and administration. The proposed building will solve the space problem and allow the School to meet the needs of its students now and into the future.

For these reasons, both the Council and Board support the request for a new facility and urge you to recommend its approval.

I would like to make a closing observation. The future growth of Montana's economy will depend on the ability and knowledge of its greatest resource - its young people. Those who go into business will be major contributors to that growth. Providing these young people a quality education is not just a cost, it is an investment in the State's future.

JOHN J. BURKE
VICE CHAIRMAN OF THE BOARD

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Dave Ottolino Montana Power Company 40 East Broadway Butte, MT 59701	1987
Dan Short Loucks and Grassley 806 13th Avenue South Great Falls, MT 59405	1987
Gayle Moon Galusha, Higgins & Galusha P.O. Box 1699 Helena, MT 59624	Ex officio-- MSCPA

Exhibit #10
1-16-85

THE CHAMBER.

Missoula Area Chamber Of Commerce

POSITION REGARDING NEW BUILDING FOR UNIVERSITY BUSINESS SCHOOL.

The Missoula Chamber supports the University of Montana in the request for a new building for the School of Business. The Chamber's support is based on several observations about the future of business in Montana.

- New business in the state will be small business. Small business managers need a wide range of skills this trend will increase the need for trained managers.
- More of the jobs in the future will require business skills, this means more in state job opprotunities for business students. This may be our best hope to keep Montana's youth at home.
- The economic benifit of this project to Missoula will be enormous. These projects create demand beyond the construction jobs related to a 12 million dollar project.
- A new building will incerase the value of the program to business. The School represents a wonderful resource for the business communtiy.

With these thoughts in mind the Missoula Chamber urges support for this project.

WITNESS STATEMENT

NAME JOHN J. BURKE BILL NO. ____

ADDRESS BUTTE DATE 1-16-85

WHOM DO YOU REPRESENT? Univ. of Mont. Bus. Advisory Cmtd.

SUPPORT X OPPOSE ____ AMEND ____

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

URGE authorization for new building to serve School of Business at Univ. of Montana

WITNESS STATEMENT

NAME NEIL BUCKLEW BILL NO. ____

ADDRESS 1325 Gerald ; Missoula, MT. DATE 1/16/85

WHOM DO YOU REPRESENT? Univ of Montana

SUPPORT ✓ OPPOSE ____ AMEND ____

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

- Notebook for committee
- Brochure on proposed Business Adm. building

WITNESS STATEMENT

NAME Paul B Blomgren BILL NO. ____

ADDRESS 920 Park View Way Missoula DATE 1/16/85

WHOM DO YOU REPRESENT? Univ. of Montana

SUPPORT X OPPOSE ____ AMEND ____

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

WITNESS STATEMENT

NAME MAXINE JOHNSON BILL NO. ____

ADDRESS Bur. of Bus & Econ. Research DATE 1-16-95

WHOM DO YOU REPRESENT? @ Univ of Montana

SUPPORT X OPPOSE ____ AMEND ____

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

Support new Bus building for Un of Mt School of Business

WITNESS STATEMENT

NAME Bruce P Busse BILL NO. ____

ADDRESS 3817 Owen Missoula Mont. DATE 1/16/85

WHOM DO YOU REPRESENT? University of Montana

SUPPORT ✓ OPPOSE ____ AMEND ____

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

WITNESS STATEMENT

NAME David Owen BILL NO. _____

ADDRESS Missoula DATE 1/16/84

WHOM DO YOU REPRESENT? Missoula Area chamber of Commerce

SUPPORT ✓ OPPOSE _____ AMEND _____

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments: statement will be provided for secretary.

WITNESS STATEMENT

NAME Ed Jasmin BILL NO. _____

ADDRESS 626 Monroe; Helena, MT DATE 1-16-85

WHOM DO YOU REPRESENT? Univ. of Mont - Mont. Ambassadors

SUPPORT ✓ OPPOSE _____ AMEND _____

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

Construction of New Bus. Ad. Building at Univ. of Mont.

VISITOR'S REGISTER

HOUSE LONG-RANGE PLANNING SUB COMMITTEE

BILL MT Tech and UM Capital Construction Program

DATE January 16, 1985

SPONSOR

NAME	RESIDENCE	REPRESENTING	SUP-PORT	OP-POSE
S. Jourdonnais	Missoula	UM	✓	
Jeff Weldon	Missoula	UM	✓	
[illegible]	Missoula	UM	✓	
[illegible]	Missoula	UM	✓	
Ed Ayers	Butte	Montana Tech	✓	
Fred DeMoney	"	" "	✓	
[illegible]	"	" "	✓	
Neil Bucklew	Missoula	U.M.	✓	
Paul B. Blomgren	Missoula	UM	✓	
W. Michael Easton	Missoula	UM	✓	
M/M H.O. "Bill" Worden	Missoula	UM	✓	
David Owen	Missoula	Chamber of Commerce	✓	
Tim Allwine	MSLA	U.M.		
Derek Gorwacke	Msla.	U.M		
Larry Gianchetta	Msla	UM		
[illegible]	"	"		
Michael Ekness	Msla	UM		
Greg L. [illegible]	Msla	UM	✓	
Richard Muckles	"	Tech (ASMT)	✓	
Phoebe Patterson	Msla	ASUM		

IF YOU CARE TO WRITE COMMENTS, ASK SECRETARY FOR LONGER FORM.

WHEN TESTIFYING PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

FORM CS-33

VISITOR'S REGISTER

HOUSE LONG-RANGE PLANNING SUB COMMITTEE

BILL MT Tech and UM Capital Construction Program

DATE January 16, 1985

SPONSOR

NAME	RESIDENCE	REPRESENTING	SUPPORT	OPPOSE
Diane Boast	Polson	U of M.	✓	
Karen Porta	Missoula	U of M	✓	
Margaret Sample	Missoula	U of M	✓	
Tom Crosser	Helena	OBPP		
Mark Blewett	Helena			
Michelle Wing	Bozeman	ASMSU		
Herman Reemke	Stevensville	U of M	✓	
PHIL HAUCK	HELENA	D OF A	✓	
[illegible]	Missoula	U of M	✓	
[illegible]	Helena	U of M Alumni	✓	
[illegible] Herman	Msla	U. T. U	✓	
[illegible]	MSO	U OF M	✓	
Tom O'Connell	Helena	D of A	✓	
Ed Jasmin	Helena	Northwest Bank Helena	✓	

IF YOU CARE TO WRITE COMMENTS, ASK SECRETARY FOR LONGER FORM.

WHEN TESTIFYING PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

FORM CS-33