MINUTES OF THE
LONG-RANGE PLANNING SUBCOMMITTEE
MONTANA STATE
HOUSE OF REPRESENTATIVES

January 15, 1985

The meeting of the Long-Range Planning Subcommittee was called to order by Chairman Robert Thoft on January 15, 1985 at 8:06 a.m. in Room 420 of the State Capitol.

ROLL CALL: All members were present.

DONATION OF DALY MANSION: Chairman Thoft (7:B:3) asked if members would like to inspect the Daly Mansion in the Bitteroot Valley. He said the present owner is considering donating the property to the state. Committee members would inspect the mansion in order to determine long-range maintenance costs on the building. Ownership would revert back to the present owner if the building is used by the state for anything other than a park. Members agreed to tour the site in order to determine the need for maintenance funds.

UNIVERSITY SYSTEM REQUESTS: Mr. Irving Dayton (7:B:25), Commissioner, Higher Education gave a brief overview on the process used by universities and the Board of Regents in determining which projects would be recommended for funding. Mr. Dayton said the Board of Regents placed the highest priority on repair and maintenance of existing buildings, then on better utilization of exisiting buildings and last of all on construction of new buildings.

Chairman Thoft (7:B:98) asked if the universities are doing long-range maintenance and preventive maintenance plans. He said the committee would like to see this type of long-range planning being done. Mr. Dayton said each campus does have a major needs list and the Board of Regents places the highest priorities on maintenance needs. He said in some instances they have done required maintenance too late, but he hopes this will be prevented in the future now that campuses are keeping a major needs list.

EASTERN MONTANA COLLEGE: Bruce Carpenter (7:B:112), President, Eastern Montana College (EMC) spoke briefly about maintenance projects which would involve replacing windows in McMullen Hall and capping bricks on the Liberal Arts and Science Buildings.

The rest of his presentation pertained to the construction of a classroom/office tower on the Special Education Building (EXHIBIT 1). Mr. Carpenter said many of EMC's classrooms are utilized at a higher rate than national standards recommend. He said most of the student population comes from Yellowstone County and the population of Yellowstone County is projected to grow at a 2

percent rate for the next 25 years. He said the space is needed for existing, not new, programs.

Chairman Thoft (7:B:247) asked if $16.7 million is the total amount needed to complete the entire building. Mr. Carpenter said $16.7 million is needed for completion of the entire building and $9.2 million is EMC's request for this biennium. $9.2 million will build the outer shell and complete 2 floors of the building.

Representative Bardanouve (7:B:261) asked if consideration had been given to fire hazards when planning the high rise facility. Mr. Carpenter said fire protection was considered and it is feasible to have a sprinkler system installed in the building. The cost of the sprinkler system is included in the project cost.

Representative Ernst (7:B:277) asked about parking arrangements at the new facility. Mr. Carpenter said he is going to testify in favor of a bill introduced by Representative Cal Winslow which will remove the $10 cap on parking fees. The removal of the cap will help with EMC's parking problems.

Chairman Thoft (7:B:302) asked how far student fees could go in funding this major building project. Mr. Carpenter said student fees should only be used for residence halls and student union buildings. He said he felt it is inappropriate to use student fees for constructing classroom facilities.

Representative Bardanouve asked if buying more land and expanding would be less expensive than building a high rise addition. Mr. Carpenter said it is less expensive to add on to the existing Special Education building.

Senator Fuller said by approving $9.2 million this session the subcommittee is obligating future sessions to appropriate funds for phase two of the tower. Mr. Carpenter said long-range funding of the project at present estimates is $16.7 million and at some point in the future funds will be needed to complete the project.

Senator Van Valkenburg (7:B:344 to 7:B:456) asked Mr. Carpenter to walk through EMC's process for determining classroom need. Mr. Carpenter reviewed the contents of Exhibit 1 page by page for the Senator.

Senator Fuller (7:B:460) asked if an accreditation problem would occur if present classrooms were used at night as an alternative to adding more space. Mr. Carpenter said EMC's student population is older than traditional groups, 72 percent commute and 75 percent work and take a few classes during the day. In the past EMC has offered more evening classes but has found enrollment does not increase.

Representative Bardanouve (7:B:521) asked if EMC's present enrollment is higher this year. Mr. Carpenter said it is down this year by 4.25 percent. Representative Bardanouve asked how this decrease relates to earlier projections that the student population would grow. Mr. Carpenter said he felt enrollment is down because of the economy and the fact that students are unable to obtain part-time work while getting their education. He maintained that on a long-range basis the student population will continue to increase.

Ken Heikes (7:B:543), Administrative Vice President, EMC gave a brief presentation on EMC's request for land acquisitions. He said a 21 member task force for long-range planning of the campus was formed in the Spring of 1984. The task force is recommending the purchase of 20 parcels of land at an average cost of $100,000.

Senator Fuller (8:A:44) asked if specific parcels of land will be bought with the $400,000 requested this biennium. Mr. Heikes said it is hard to estimate when and which parcels will be sold, but the $400,000 will be used to purchase land as it becomes available. Senator Fuller asked if some of the land has houses on it. Mr. Heikes said some does include homes and this is why the average cost per parcel is $100,000.

Senator Van Valkenburg asked if the city of Billings has been approached about a possible land exchange for the park south of the campus.

Mr. Heikes said in 1968 EMC made an inquiry to the city of Billings about Grand View Park. They discovered the park was donated to the city and if it is ever used for any purpose other than a park, ownership will revert back to the previous owner's heirs.

Dallas Curtiss (8:A:92), Student Body President, EMC spoke as a proponent for EMC's projects. He said shortages for classroom space and parking exist; and future land acquisitions would help solve these shortages.

Richard Mockler (8:A:104), lobbyist, Montana College Coalition spoke as a proponent for the projects proposed for Northern Montana College. He said Northern currently has a shortage of classroom space and present classrooms in some cases are unsafe or unfit.

Chairmain Thoft called for a three minute break before hearing the presentation by Northern Montana College.

NORTHERN MONTANA COLLEGE: Jim Erickson (8:A:146), President, Northern Montana College spoke about four different projects, the Muilt-use Technology Building, a new exhaust system for the Auto Diagnostic Lab, classroom partitions in the basement of the Brockman Center and a new entrance for the Armory Gym.

Mr. Erickson said the Multi-use Technology Building would be used for labs and eight classrooms. He said many technology programs are currently run in outdated or inadequate buildings. The new building would create more classroom and laboratory space for the school's growing enrollment. If the new building is constructed other buildings could be vacated for storage or used for their original purpose.

Chairman Thoft asked where the Multi-use Technology Building is rated in the Board of Regents priorities. Mr. Erickson said it is number 20 in the Regents' list of priorities.

Senator Fuller asked why remodeling of the gym entry is ranked higher than the new building. Mr. Erickson said the gym entry needs to be remodeled because of the potentially dangerous situation it would create in any emergency. Representative Ernst asked for the dimensions of the entrance. Phil Hauck, Administrator, Architecture and Engineering guessed the dimensions to be 20' X 60'. He also said the entrance is fed by two very narrow stairways. Mr. Erickson said the entrance is the only exit other than one which leads into the instructional part of the gym. Senator Van Valkenburg asked why the cost of remodeling the gym is estimated at $63,000 and at $100,000. Mr. Dayton said cost estimates were increased following A & E's on-site visit, which determined more money would be needed to install handicapped ramps. Representative Ernst asked if the entrance is presently in compliance with handicapped standards and Mr. Erickson said no.

Mr. Erickson (8:A:380) next spoke about the exhaust system for the Auto Diagnostic Lab. He said the program is currently taught in an old building originally designed for art classes and therefore proper ventilation for gas and diesel exhaust is not available. Presently they get rid of exhaust by opening a large door and in many months it is too cold to leave the door open all the time. Mr. Erickson said the exhaust system is essential in providing for a healthy classroom environment. Mr. Erickson said if the new building were to be constructed the exhaust system would not be needed because the building presently housing the Auto Diagnostic Lab would be torn down.

Mr. Erickson (8:A:440) then talked about a need for classroom partitions in the basement of the Brockman Center. Due to increasing enrollment the basement of this building has been made into four different classrooms. It is an open area without partitions and therefore quite noisy when more than one class is being conducted. Chairman Thoft asked if Brockman Center is a good building. Mr. Erickson said yes and that it was constructed in 1972. Chairman Thoft asked if the prison has been approached about making the partitions and Mr. Erickson said no. Mr. Hauck said they could not build these partitions since they are permanent and would have to be constructed on-site.

Senator Fuller asked Mr. Erickson to give the subcommittee his ranking of the project proposals. Mr. Erickson said for reasons of health and safety he ranked the gym entrance and the exhaust system as the top two priorities.

Senator Van Valkenburg asked if running exhaust hoses outside had been considered as a solution to the ventilation problem. Mr. Erickson said such a system would not be adequate because it would create a problem with testing equipment.

Chairman Thoft asked what A & E's priorities are on NMC's projects. Mr. Hauck said the exhaust system and the classroom partitions are their highest priorities. He said the gym entrance is not because it is a building being used for student related activities and should be funded by student fees.

Mr. Bill Byars of Northern Montana College passed out a brochure detailing each of Northern's projects (EXHIBIT 2).

Representative Bob Bachini spoke as a proponent for Northern projects. He felt the gym and exhaust system are necessary for student safety and felt the Multi-use Technology Building would save the state money in the long run by consolidating programs and reducing operational and maintenance costs.

ASSIGNMENT OF HOUSE BILL 156: Chairman Thoft (8:B:22) told members House Bill 156 had been assigned to the subcommittee. House Bill 156 deals with the construction of National Guard armories in Livingston and Libby. Chairman Thoft said he will not hold the hearing on this bill until a later date when the subcommittee would have a better idea about funding.

There being no further business before the subcommittee the meeting was adjourned at 9:52 a.m.

ROBERT THOFT, Chairman

DAILY ROLL CALL

LONG RANGE PLANNING SUB COMMITTEE

49th LEGISLATIVE SESSION -- 1985

Date January 15, 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
1-15-85
EMC

EASTERN
MONTANA COLLEGE

1500 North 30th Street, Billings, Montana 59101-0298

Presentation to:

LONG RANGE BUILDING COMMITTEE

Helena, Montana

January 15, 1985

EASTERN MONTANA COLLEGE

1984 CLASSROOM UTILIZATION

BUILDING	ROOM	STATIONS	UTILIZATION %	SQ. FT.
Education	106	50	68%	1330
	108	50	157	1188
	131	50	77	963
	212	30	108	877
L.A.	209	50	105%	751
	217	50	109	782
	220	64	93	963
	306	95	125	1428
	307	40	60	768
	309	65	120	989
	310	34	78	517
	311	47	107	716
	312	50	121	778
	313	38	69	571
	314	37	104	562
	406	24	163	574
	441	48	87	724
	442	50	109	787
	444	38	134	572
	445	37	150	565
	510	50	121	767
	526	48	110	721
	528	50	134	786
	633	49	127	734
	636	37	46	577
	637	38	103	565
	724	50	93	724
	725	50	113	788
	727	37	105	559
	728	38	112	572
McMullen	302	55	106%	823
	306	50	107	824
	B-6	50	85	747
P.E.	107X	30	79%	800
	117	50	146	770
Science	104	30	66%	813
	218	32	160	837
	Aud.-128	112	105	1728
Sp. Ed.	209	48	81%	720
	211	40	69	606
	212	73	27	1092
	222	42	54	792
				33,750
Library	148	400	41%	3516
	152	195	50	1932
	231	160	47	1932
Petro	Thtr.	500	9%	4557
				11,937
TOTAL				45,687

Space presently used for classrooms are the 42 traditional classrooms. The Theatre in Petro Hall is needed but is not a classroom. The large lecture halls in the library contain special purpose facilities or are primarily used for formal lectures.

EASTERN MONTANA COLLEGE

Computation of "day-time" Space Needs

The following schedule reflects only the assignable lecture hall space for day-time (7:00 AM to 5:00 PM). The 1983-84 allocation is:

Total weekly student contact hours is 51,692

Total weekly student contact hours between 7:00 AM and 5:00 PM is 43,136

Ratio is 84%

	Present 1984 (Actual)	Forecast 1990
Lecture Hall need at .83 from previous schedules	35,803 sq. ft.	52,133 sq. ft.
Less adjustment for night-time classroom based on 1984 ration	.84	.84
	30,075	43,792
Difference	5,728 sq. ft.	8,341 sq. ft.
Assignable space deficiency from previous schedules	37,930	63,755
Deficit assignable space as adjusted	32,202 sq. ft.	55,414 sq. ft. (Note 1)

(Note 1)

The comparable number of assignable lecture hall and office space requested in the addition to the Special Education Building is 57,600 sq. ft.

EASTERN MONTANA COLLEGE
1983 SPACE NEEDS (ACTUAL 3494 FTE)
(Assignable Sq. Ft.)

OFFICES:

Faculty	206 X 160 sq. ft./person =	32,960 sq. ft.	
Professional Staff	46 X 160 sq. ft./person =	7,360 sq. ft.	
Support Staff	102 X 120 sq. ft./person =	12,240 sq. ft.	
VP/Dean/Directors	30 X 240 sq. ft./person =	7,200 sq. ft.	
Dept. Heads/Chairperson	17 X 240 sq. ft./person =	4,080 sq. ft.	
President	1 X 320 sq. ft./person =	320 sq. ft.	
	TOTAL NEED		64,160 Sq. Ft.

With the addition of terminals and microcomputers into most support staff areas, another 60 sq. ft./person must be considered.

102 X 60 sq. ft./person = 6,120 Sq. Ft.

Total lecture hall need is calculated by student contact lecture hours X .83 space factor (1983 Fall Qtr. student contact hrs.)

51,692 contact hours X .83 = 42,905 Sq. Ft.

A new need for Micro Computer, Terminal and Printer space has to be addressed.

Estimated standards are:

60 sq. ft./Micro & Terminal
20 sq. ft./Printer

The present need is:

201 Micro & Terminals	X 60 =	12,060 sq. ft.	
73 Printers	X 20 =	1,460 sq. ft.	
	TOTAL NEED		13,520 Sq. Ft.

TOTAL ASSIGNABLE OFFICE/CLASSROOM/TERMINAL SPACE NEED 126,705 Sq. Ft.

Space presently used for offices	=	55,025 sq. ft.
Space presently used for classrooms	=	33,750 sq. ft.
TOTAL ASSIGNABLE SPACE AVAILABLE		88,775 sq. ft.
ASSIGNABLE SPACE DEFICIENCY 1983		37,930 sq. ft.

EASTERN MONTANA COLLEGE
1990 SPACE NEEDS (ESTIMATE 4244 FTE)

BASIS FOR ESTIMATE:

1984 FTE = 3494 & Student Contact Hours = 51,692

51,692 - 3494 = 14.8 contact hours per FTE student

Total Lecture Hall Need: 4244 FTE X 14.8 Contact Hrs/FTE = 62,811 Contact Hours

Student faculty ratio used is 18.84 students/1 FTE Faculty. A factor of 12% is added to compensate for part-time faculty.

Faculty = 4244 - 18.84 X 1.12 = 252

OFFICES:

Faculty	252 X 160 sq. ft./person =	40,320 sq. ft.
Professional Staff	56 X 160 sq. ft./person =	8,960 sq. ft.
Support Staff	124 X 120 sq. ft./person =	14,880 sq. ft.
VP/Dean/Directors	30 X 240 sq. ft./person =	7,200 sq. ft.
Dept. Heads/Chairperson	20 X 240 sq. ft./person =	4,800 sq. ft.
President	1 X 320 sq. ft./person =	320 sq. ft.
	TOTAL NEED	76,480 Sq. Ft.

With the addition of terminals and microcomputers into most support staff areas, another 60 sq. ft./person must be considered.

124 X 60 sq. ft./person = 7,440 Sq. Ft.

Total lecture hall need is calculated by student contact lecture hours X .83 space factor (1983 Fall Qtr. student contact hrs.)

62,811 contact hours X .83 = 52,133 Sq. Ft.

A new need for Micro Computer, Terminal and Printer space has to be addressed.

Estimated standards are:

60 sq. ft./Micro & Terminal
20 sq. ft./Printer

Need:

245 Micro & Terminals	X 60 =	14,700 sq. ft.
89 Printers	X 20 =	1,780 sq. ft.
	TOTAL NEED	16,480 Sq. Ft.

TOTAL ASSIGNABLE OFFICE/CLASSROOM/TERMINAL SPACE NEED 152,533 Sq. Ft.

Space presently used for offices = 55,028 sq. ft.

Space presently used for classrooms = 33,750 sq. ft.

TOTAL ASSIGNABLE SPACE AVAILABLE 88,778 sq. ft.

ASSIGNABLE SPACE DEFICIENCY 1990 63,755 sq. ft.

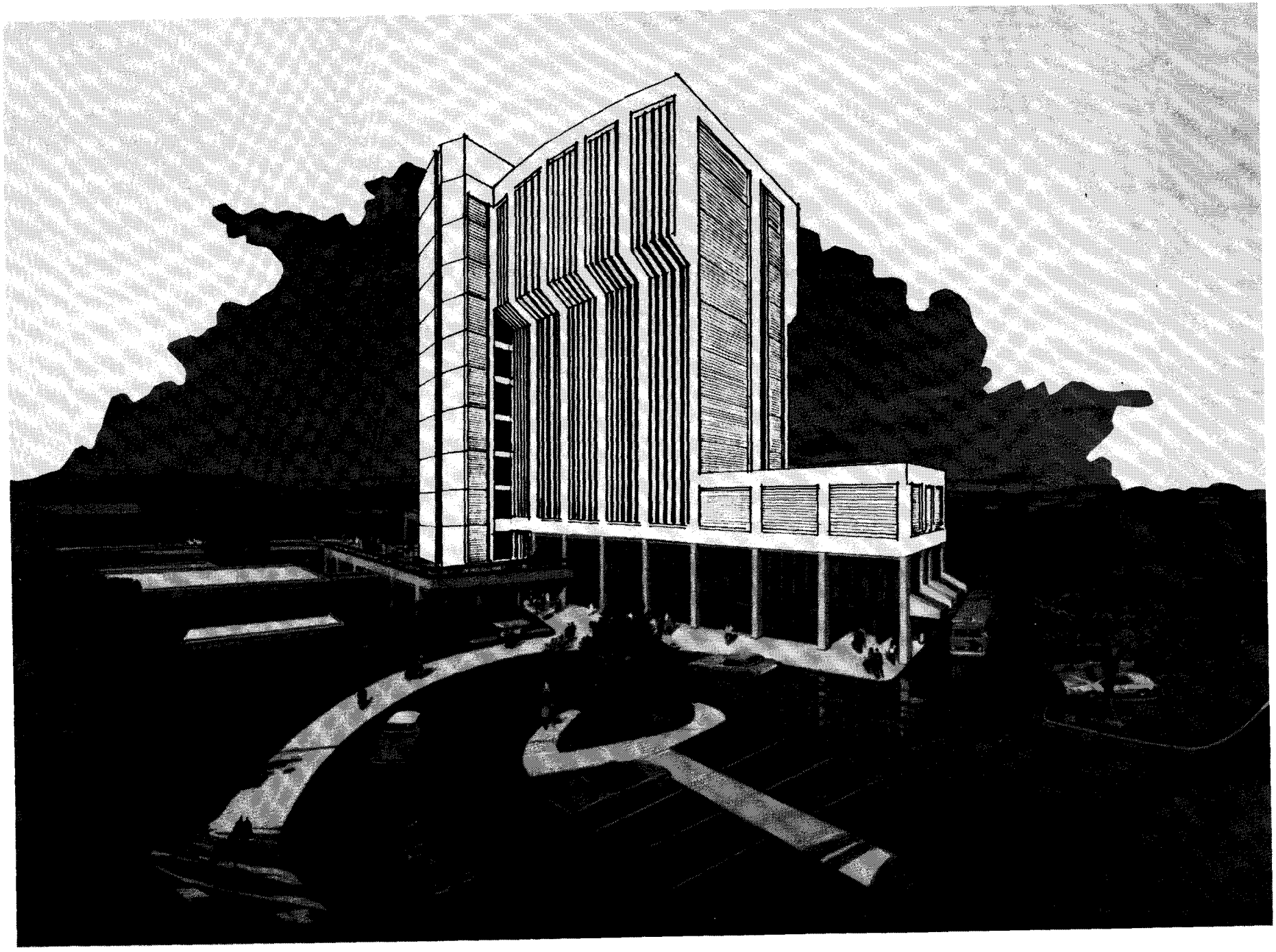
EASTERN MONTANA COLLEGE

SPECIAL EDUCATION BUILDING

ALTERNATIVE

On May 18, 1984, members of the Board of Regents inquired about an alternative that would build the 9 floor shell and complete two floors. The detail for that alternative is:

Total square feet	126,000
2 levels finished - total square feet	31,982
Cost of shell and finish floors 3 and 4:	
General Construction	$4,650,000
Mechanical/Electrical Systems	1,550,000
Total construction including fees	$6,200,000
Cost escalation until Sept., 1986	1,600,000
Contingency	1,000,000
Furnishings/Equipment	400,000
TOTAL	$9,200,000



EASTERN MONTANA COLLEGE
SOURCE OF FUNDS AND ACQUISITION COSTS OF LAND

SUMMARY

DESCRIPTION	DATE OF ACQUISITION	ACRES	STATE OF MONTANA	RENT/INT & INCOME FUND	TOT. ACQUISITION COST(a)	AUTHORIZATION TO ACQUIRE	CURRENT USAGE
Original Tracts	1927/47	71.2	$ 40,000		$ 40,000(1)	Original grant	Main Campus
Less canal & street rights of way		(10.8)					
Net		60.4					
16 tracts	1967/74	13.5	695,354		695,354)	Individual Board of Regent Authorizations	16 units rental 1 unit President 5 units offices 6 units parking 2 units open space
14 tracts	1968/84	9.2		$1,558,413	1,558,413)		
TOTAL		83.1	$735,354	$1,558,413	$2,293,767		

(1) Donated by the Billings Commercial Club to State of Montana for use of college.

Exhibit #2
1-15-85
NMC

Micro Computer Laboratory

Word Processing Laboratory

Automotive Diagnostic Laboratory

Printing Costs Paid for By
NORTHERN MONTANA COLLEGE
DEVELOPMENT FOUNDATION

[redacted]

Microcomputer Laboratory

Northern's new microcomputer laboratory responds directly to an emerging national and regional trend in computer use — the rapid emergence of the small, self-contained but increasingly sophisticated microcomputer as the mainstay of business applications. While continuing to teach the basics of computer programming, we have increased our emphasis on training people to become proficient on the types of machines that are now coming into use in Montana's schools, homes, offices, and small businesses and on Montana's farms and ranches.

There are presently 30 Apple II microcomputers in our new microcomputer laboratory. These microcomputers are able to "talk" with each other through the Corvus network, thus allowing students and instructors to share data and communicate visually through the instructor's monitor. Our growing library of software is rapidly making the laboratory a valuable teaching resource not only for computer technology courses, but for courses in nearly every major.

Word Processing Laboratory

The word processor is believed by many to be destined to replace the typewriter in most applications. Consequently, Northern Montana College has developed a new DEC-mate word processing laboratory as a teaching/learning tool for students and faculty. These 17 new machines are compatible with the college's new main-frame computer and are "user-friendly," actually teaching the operator how to use word processing programs.

Students in English and in Business are at the forefront in learning to use the word processor. Freshmen students at Northern are being taught to write their compositions using the word processor -and they're taking to it enthusiastically. Secretarial technology and business education students are pleased, of course, to be at the forefront of knowledge in their fields.

Automotive Diagnostic Laboratory

Our new $50,000 chassis dynamometer, one of only three in Montana, gives students an opportunity to simulate actual operating conditions realistically and to test a variety of vehicles "under load." Since it arrived on campus in the spring of 1984, the dynamometer has logged over 250 hours of running time. It has tested everything from tractors to family cars. The dynamometer is used in both lower and upper division automotive courses, providing students at both levels with ample opportunity for hands-on experience.

In addition to the new chassis dynamometer and the more traditional testing equipment, the Automotive Diagnostic Laboratory houses computers which can analyze and diagnose diesel and gasoline engine difficulties. As a case in point, our students have the opportunity to work with the only "four gas analyzer" in the state of Montana.

Dear Legislator:

The three "areas of special excellence" which are highlighted in this brochure are just a few examples of what Northern Montana College is doing to better serve Montana, and to assist in its economic development. As you know, Northern Montana College is Montana's "technical college." We are well on the way to becoming the best school of our type in the Northwest, and we are deeply grateful to the Legislature for its continuing support.

Northern is responsible for educating its students in those technologies which are appropriate to our state's needs. We produce diesel, computer, construction, and electronics technologists and farm mechanics and water quality specialists, just to name a few. Our programs are collegiate in nature, and each has a strong general education component.

Our objective is to help our students to become educated persons and to qualify them technically for the world of work — and to do both at the same time. One measure of our success in meeting this objective is our annual placement rate. Our students get jobs; our overall placement rate for 1984 graduates is 96%. Detailed placement data is available to you on request.

The balance of this brochure (see overleaf) tells you generally what we have done with the last legislative appropriation — and what we'd like to do with the next. We think we have been good stewards of the state's money — and we'd be glad to talk with you about our plans at your convenience. I'll be in Helena frequently during the session — please call me in Havre at 265-7821 and through the Commissioner's office in Helena at 444-6570.

Yours sincerely,

Jim Erickson

Jim Erickson, President

WHAT NORTHERN DID WITH THE 1983-85 LEGISLATIVE APPROPRIATION

Two factors (higher enrollments and a favorable student-faculty ratio) made it possible for Northern to make important purchases of badly-needed technical and other equipment during this last biennium. Approximately $500,000 was spent on capital equipment and library acquisitions — enough to make a really significant impact on our instructional program. Library book purchases were doubled to about $100,000; in addition to funding the "areas of special excellence" as described elsewhere, we were able to buy items such as two state-of-the-art electronic surveying transits at a cost of $16,000. All of this new equipment is vital to Northern's mission; outdated technical education is frequently worse than no education.

Northern's new main-frame computer has been ordered and is due to be delivered in mid-January. The cost of the computer is in excess of $405,000, of which $375,000 is funded from an approved budget modification.

It ought to be noted that for fiscal 1985 Northern Montana College is the only unit of the University System with an enrollment estimate greater than the level appropriated. The FY 85 appropriation for Northern was based on 1,641 FTE students, while it is now estimated there will be 1,725 FTE students. This results in an underfunding of 84 FTE students, or 5% of the total FTE.

WHAT NORTHERN WOULD LIKE TO DO . . . REQUESTS FOR THE 1985-87 BIENNIUM

Northern strongly supports the system proposal for increased funding for faculty salaries. It is essential that we not lose ground in our effort to attract and retain quality faculty.

We strongly support the system request for fully funding the formula. We think the formula represents the fairest, most equitable system of funding available — but percentage underfunding destroys its logic.

Northern strongly supports the system request for operating and capital funds, and for the Long Range Building Program, Northern's portion of which is detailed below: (Regents Priority indicated)

(20) MULTI-USE TECHNOLOGY BUILDING $6,389,000
Northern considers this building to be vital to its continued growth. Many technical programs are housed in crowded, outdated buildings which inhibit quality instruction.

(4) VENTILATION EXHAUST SYSTEM, AUTOMOTIVE DIAGNOSTIC LABORATORY $23,000
At present, ventilation is provided by opening overhead garage doors. This is a limited practicality during the winter months in Havre.

(11) PARTITIONS, BROCKMANN CENTER $20,000
Instruction in four different classes takes place in this large, unpartitioned room simultaneously. The quality of instruction is adversely affected.

(15) GYMNASIUM ENTRY $100,000
The principal entry and exit from this instructional building involves both stairs and a right-angle turn, which causes serious congestion. This may well be a safety as well as a handicapped access problem.

PROGRAM MODIFICATIONS (N.M.C. Priority Indicated)

1. NEW PHONE SYSTEM $125,000
The present phone system is at its maximum use level; when a new phone is added, one must be removed elsewhere in the system. Further, this system, which is mechanical in nature, is worn out. A new electronic system would have the additional benefit of better compatibility with the state system.

2. ADDITIONAL SECURITY PERSONNEL $63,000
An additional two FTE employees are badly needed to provide security coverage of campus buildings on a 24-hour basis on weekends and on a 16-hour basis during the work week. Losses and breakins make this request imperative.

3. REFUSE DISTRICT ASSESSMENT $3,500
This is a new assessment for disposal of trash; previously this was provided by the governmental unit without charge.

4. ADDITIONAL GROUNDS PERSON $32,000
An additional one FTE employee is needed to provide grounds maintenance. Additional buildings, lawns and playing fields have reflected our substantial growth in numbers of students, and require more help to keep our campus property well maintained.

5. INCREASE IN MAINTENANCE FUNDS $48,000
An additional one FTE employee is needed to provide heating and air conditioning service to the campus. New and remodeled buildings call for specialized attention beyond the available time and the capabilities of present staff.

6. MAINTENANCE CONTRACT FOR ELEVATORS $12,350
An annual contract is needed to provide repair and inspection services for Northern Montana College's five elevators.

1984 SALARY INFORMATION

	Monthly Range
One-year Certificates	$ 450-600
ASSOCIATE DEGREES	
Agriculture Technology	$ 730-1500
Automotive Technology	792-1000
Business Administration	600-1050
Computer Technology	600-1000
Construction Technology	1200- *
Diesel Technology	700-1700
Drafting Technology	909-1130
Electronics Technology	800-1000
Environmental Health	1000-1620
Metals Technology	600-1000
Nursing	880-1500
Secretarial Technology	675-1000
BACHELOR OF SCIENCE	
Elementary Education	800-1300
Secondary Education	1100-1500
BACHELOR OF TECHNOLOGY	
Automotive	640-1000
Business	760-1375
Construction	1000-1600
Diesel	680-2000
Drafting	1130- *
Electronics	1700- *
Mechanical	1000-2300
MASTERS	
Career Guidance/Counseling	1200-2000
Elementary Education	2000- *
Industrial Arts	*
Vocational Education	2300- *

The salaries listed are for 1984 graduates of Northern Montana College.

* Salary information not available.

HILL COUNTY PRINTING CO.

ACADEMIC PROGRAMS

	Certificate Program (1 yr.)	Transfer Program	Associate's Degree Program (2 yr.)	Minor	Bachelor's Degree Program (4 yr.)	Master's Degree Program
SCHOOL OF ARTS AND SCIENCES						
Canadian Studies				X		
Native American Studies				X		
Nursing (RN)			X			
Pre-Professional studies (transfer program)						
Agriculture		X				
Engineering		X				
Fish & Wildlife		X				
Forestry		X				
Medical Arts (medicine, dentistry, veterinary, optometry, physical therapy		X				
Home Economics		X				
Medical Technology		X				
Interdisciplinary Studies				X	X	
Water Quality Technology			X			
SCHOOL OF TECHNOLOGY AND PROFESSIONAL STUDIES						
Agriculture Technology			X			
Options in Agri-Business, Agricultural Mechanics, Farm Management, Agri-Services						
Auto Body Technology	X		X			
Automotive Technology	X		X	X	X	
Business			X	X	X	
Business Administration			X			
Computer Technology			X	X		
Construction Technology			X	X	X	
Diesel Technology	X		X	X	X	
Drafting Technology			X	X	X	
Electrical Technology			X			
Electronics			X	X	X	
Farm Mechanics				X	X	
Information Processing Technology				X		
Mechanical Technology			X	X	X	
Metals Technology	X		X			
Secretarial Technology			X			
Trade and Technical					X	
TEACHER EDUCATION						
Elementary Education					X	X
Secondary Education						
Art (K-12)				X		
Biology				X		
Business				X	X	
Chemistry				X		
Drama				X		
English				X	X	
French				X		
Government				X		
Health Education				X		
History				X	X	
Industrial Arts				X	X	X
Mathematics				X	X	
Music (K-12)				X		
Physical Education and Health (K-12)				X	X	
Reading (K-12)				X		
Science					X	
Social Science					X	
Traffic Education				X		
Trades and Industry						
Automotive Option					X	
Diesel Option					X	
Drafting Option					X	
Electronics Option					X	
Trade Competency Option					X	
Graduate Programs						
Career Guidance and Counseling				X		X
Elementary Education					X	X
Industrial Arts				X	X	X
Vocational Education						X
Fifth Year Program						

NORTHERN MONTANA COLLEGE

Havre, Montana

PLACEMENT DATA for Class of 1984

Compiled by:
Office of Student Placement and Career Development
Director: Cheryl Dugdale
Assist. Director: Toby Helmbrecht
(406)265-7821

ACADEMIC PROGRAM	(1) PLACED (TOTAL 2-3-4-5)	(2) EMPLOYED IN FIELD	(3) EMPLOYED OUTSIDE FIELD	(4) MILITARY/ INACTIVE	(5) CONTINUING EDUCATION	(6) NOT EMPLOYED	(7) NUMBER OF REGISTRANTS
ONE YEAR CERTIFICATES							
Automotive Technology	92% (11)	25% (3)	42% (5)	8% (1)	17% (2)	8% (1)	12
Diesel Technology	100% (3)	33% (1)	33% (1)		33% (1)		3
Metals Technology	100% (1)		100% (1)				1
ASSOCIATE OF ARTS							
Associate of Arts	100% (1)				100% (1)		1
ASSOCIATE OF ENGINEERING							
Construction	100% (1)		100% (1)				1
ASSOCIATE OF SCIENCE							
Agriculture Technology	100% (7)	71% (5)	29% (2)				7
Automotive Technology	100% (8)	38% (3)	12% (1)	25% (2)	25% (2)		8
Business Administration	100% (38)	40% (15)	13% (5)	8% (3)	39% (15)		38
Computer Technology	100% (5)	20% (1)	40% (2)		40% (2)		5
Construction Technology	100% (7)	58% (4)	14% (1)	14% (1)	14% (1)		7
Diesel Technology	100% (11)	46% (5)	36% (4)		18% (2)		11
Drafting Technology	100% (10)	50% (5)			50% (5)		10
Electrical Technology	100% (5)		20% (1)		80% (4)		5
Electronics Technology	88% (7)	50% (4)	13% (1)		25% (2)	12% (1)	8
Environmental Health	100% (4)	75% (3)	25% (1)				4
Metals Technology	100% (4)	25% (1)	50% (2)		25% (1)		4
Secretarial Technology	82% (16)	46% (8)	18% (3)	6% (1)	24% (4)	6% (1)	17
Nursing	98% (63)	95% (60)	1.5% (1)	2% (2)		1.5% (1)	64
BACHELOR OF ARTS							
Interdisciplinary Studies	100% (2)	50% (1)		50% (1)			2
BACHELOR OF SCIENCE							
Interdisciplinary Studies	66% (2)		33% (1)	33% (1)		33% (1)	3
BACHELOR OF SCIENCE							
Elementary Education	100% (27)	74% (20)	14% (4)	7% (2)	4% (1)		27
Secondary Education	91% (20)	55% (12)	9% (2)	9% (2)	18% (4)	9% (2)	22
Business Broadfield		1					1
English		2					2
Industrial Arts				1			1
Industrial Arts Broadfield		1			1		2
Physical Ed. & Health Extended		3	1		2		6
Physical Education & Health		2				1	3
General Science Broadfield		2					2
Social Science Broadfield			1		1	1	3
Trades & Industry-Diesel				1			1
General Science Broadfield/ Physical Ed & Health Extended		1					1
BACHELOR OF TECHNOLOGY							
Automotive	80% (4)	40% (2)	20% (1)		20% (1)	20% (1)	5
Business	100% (18)	61% (11)	33% (6)		6% (1)		18
Construction	100% (6)	67% (4)	33% (2)				6
Diesel	92% (11)	75% (9)	16% (2)			8% (1)	12
Drafting	86% (6)	72% (5)			14% (1)	14% (1)	7
Electronics	67% (6)	44% (4)	11% (1)		11% (1)	33% (3)	9
Mechanical	86% (6)	86% (6)				14% (1)	7
Diesel & Farm Mechanics	100% (1)	100% (1)					1
MASTER OF EDUCATION*							
Career Guidance & Counseling	100% (22)	23% (5)	9% (2)	68% (15)			22
Elementary Education	100% (11)	91% (10)	9% (1)				11
Industrial Arts Education	100% (1)	100% (1)					1
Vocational Education	100% (8)	100% (8)					8
TOTAL	96% (353)	59% (217)	15% (54)	8% (31)	14% (51)	4% (14)	95% (367)

*Many of these graduates are employed by the same school/company which employed them prior to beginning a masters program.

WITNESS STATEMENT

Name Bruce A Carpenter Committee On LRBP

Address Billings Date 1/15/85

Representing EMC Support X

Bill No. Long Range Building Oppose

Amend

AFTER TESTIFYING, PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

1.

2.

3.

4.

Itemize the main argument or points of your testimony. This will assist the committee secretary with her minutes.

FORM CS-34
1-83

WITNESS STATEMENT

Name Richard W. Mockler Committee On LRBP

Address w/ssoula Date 1/15/85

Representing Associated Students - EMC, WMC Support Y

Bill No. Long Range Building Requests Oppose

Amend

AFTER TESTIFYING, PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

1. Student support and need for requests, particularly maintenance and repair items.

2.

3.

4.

Itemize the main argument or points of your testimony. This will assist the committee secretary with her minutes.

FORM CS-34
1-83

WITNESS STATEMENT

Name Kenneth W. Heikes Committee On LRBP

Address Billings MT Date 1-15-85

Representing EASTERN Montana College Support X

Bill No. _____ Oppose _____

Amend _____

AFTER TESTIFYING, PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

1.

2.

3.

4.

Itemize the main argument or points of your testimony. This will assist the committee secretary with her minutes.

FORM CS-34
1-83

WITNESS STATEMENT

Name Dallas Curtiss Committee On Long Range Building

Address Box 120 EMC Date 1-15-95

Representing EMC Support ✓

Bill No. Oppose

Amend

AFTER TESTIFYING, PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.

Comments:

1. Support the Request of the Board & the School

2. There is a definite SHORTAGE of LAND and SPACE.

3. Appreciate Involvement in LRBP

4. Students realize shortage. i.e. Last year's increase in building fees for Student Union expansion. Shortage and congestion is felt in all of the areas: parking, classroom, open space, and of course the Student Union. STUDENT Vote to

Itemize the main argument or points of your testimony. This will assist the committee secretary with her minutes.

FORM CS-34
1-83

VISITORS' REGISTER

LONG-RANGE PLANNING SUBCOMMITTEE

BILL NO. EMC and NMC Capital Construction Program DATE JANUARY 15, 1985

SPONSOR

NAME (please print)	RESIDENCE	SUPPORT	OPPOSE
Lew Heiser	Billings - EMC	X	
Glen I Williams	Missoula U of M	X	
Dallas Curtiss	Billings, EMC	X	
Phil Hauck	Helena	X	
Tom O'Connell	"	X	
Bruce H Carpenter	Billings EMC	X	
Richard W. Wockler	Missoula - MCC	X	
Bill Lannan	Helena	X	
Michelle E Wing	Bozeman ASMSU lobbyist		
Bill Byars	Havre NMC	X	
Jim Erickson	Havre NMC	X	
Jeff McDowell	Missoula, Montana Kaimin		N/A
Terry Munson	Helena (MFT)		
Irving L Dayton	Commissioner of Higher Education		

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

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.