

February 12, 1981

LEGISLATIVE ADMINISTRATION COMMITTEE

A meeting of the House Legislative Administration Committee was called to order by Chairman Bobby Spilker.

Representative Kanduch, Spilker, and Zabrocki were present. Representatives Curtiss and Meyer were absent due to committee meetings.

Also in attendance were Wayne Phillips, Assistant Chief Clerk, Bob White, Sergeant-at-arms, Sharole Connelly of the Legislative Council, Speaker of the House Bob Marks, Bob Lindgren from Thurber Printing, Dale Latus from D.N. Latus & Co., Bill Glaser of Montana-Wyoming System, and Don Liles the sound system maintenance person for the House.

Minutes of the last meeting held January 20th were approved.

As the first order of business Chairman Spilker asked Bob Lindgren from Thurber Printing to submit a proposal concerning the repair or replacement of the House Chamber executive chairs. With the assistance of Bob White, he has examined the existing chairs. They found that most of the chairs need major repairs to make them both safe and usable. The cost to replace the metal undercarriage was approximately \$75, if someone can be found to get the parts and do the labor. Professional and skilled labor would be hard to find and costly at today's skilled labor standards. The casters should be replaced with carpet casters. However, the installing of new wider casters could split out the wood, because it is old and dry. They did not think it feasible to repair the present chairs.

Bob Lindgren did have a suggested chair from Shaw-Walker (\$314.25 w/10 wk. delivery) and one from Jasper (\$332.00 w/6 wk. delivery). Representative Kanduch was in favor of replacement, but Representative Zabrocki felt that the old chairs should be repaired, because new modern chairs would ruin the historical decor of the chambers.

Chairman Spilker said that options would be worked up and presented to the members of the House.

Staff changes were the next order of business, and Shirley Clausen, Assistant Chief Steno was asked to explain the duties performed by two persons hired in the steno pool. She said they assist the committee secretaries in keeping the bills books up to date, make photo copies, type forms, and do filing. They were approved by the committee members present. Linda Raunig from the steno pool will be leaving the end of February but they do not feel they will have to hire anyone to take her place.

Speaker Bob Marks commented on the amount of overtime being 25%, and he did not think it was out of line.

Senate Bill No. 264, introduced by Steve Brown, ("An act amending section 5-2-301, MCA, to provide for reimbursement to legislators for three additional round trips to their place of residence.") was discussed by him and the committee. A meeting will be scheduled sometime before the 20th to hear the bill.

Bob White, Sergeant-at-arms, gave a report on equipment rental versus buying, in regard to tape recorders for the committee secretaries. He found that it was less expensive to rent this particular item. Representative Kanduch made a motion that the sergeant-at-arms lease the equipment rather than buy it. Seconded by Zabrocki. Passed unanimously.

Sharole Connelly of the Legislative Council suggested that maybe another state agency could pick up on these leases after the legislature is finished.

Presentations for repair or replacement of the sound system in the House chambers was the last order of business. Bill Glaser from Montana-Wyoming Systems suggested two possible methods available for use in the House. The first one is Rauland, Philips Conference system for a permanent installation where everyone can hear, everyone can speak and you can have chairman priority and/or clerk control. The second is the Rauland Automatic Mixer system, which is similar to the existing system in function, and has the advantage of state of the art loudspeakers and automatic mixer, delay and equalization equipment. He listed a 90 day rental period at a cost of \$3250.00. Dale Latus of D.N. Latus & Co. felt that replacement of the microphones with lapel clip microphones would greatly improve the existing problems. He would rather do a two to three day analysis of the chamber at a cost of \$900 to \$1200, with miscellaneous expenses. He made an estimate of \$85 each to replace the microphones immediately.

Chairman Bobby Spilker said the committee would examine the possibilities and a decision would be made at a later date. They would be advised of the decision of the committee.

The meeting was adjourned.

Committee Secretary

Chairman, Bobby Spilker

STANDING COMMITTEE REPORT

Page 2, Standing Committee Report, February 12, 1981

The following names are submitted:

SPEAKER

MR. [Name] [Address] Steno Pool, Grade 5

Joan E. Maitly, St. LEGISLATIVE ADMINISTRATION-BILLS/JOURNAL

We, your committee on

having had under consideration Bill No.

Respectfully recommend that the attaches approved by the
committee on Legislative Administration be approved by
this body.

Respectfully report as follows: That Bill No.

DO PASS

Feb.12,1981, page 2
Legislative Administration Committee

Interest has also been expressed for a wood-framed chair similar to those in the Senate Chambers. The Jasper Chair Co. of Jasper, Indiana manufactures a quality line of executive chairs with either walnut or birch framing, and a 100% nylon fabric.

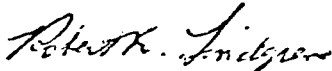
The model 3950 executive chair in a number one grade of nylon fabric, and upholstered arms, adjustable height and tilt tension is currently priced at 505.00 per unit FOB factory. However, after consulting with a factory representative we can offer special pricing at 404.00 each, FOB Helena.

A similar Jasper chair, model 1750 executive in a number one grade of fabric, fully adjustable as above unit, is priced at 415.00 per unit. But through special factory pricing we can offer this unit to you at 332.00 each FOB Helena.

Delivery on the Jasper chairs is six weeks.

We thank you for your consideration and look forward to being of service.

Sincerely,



ROBERT K. LINDGREN
Sales Manager



Shaw-Walker Printing Company

STATIONERS • BUSINESS EQUIPMENT
P.O. Box 885 Helena, MT 59624

Legislative Administration Committee
Attn: Mr. Robert White
Sergeant-At-Arms, House of Representatives
State of Montana
Helena, Montana

February 12, 1981

Dear sir:

We very much appreciate the opportunity to submit a proposal concerning the repair or replacement of the House Chamber executive chairs.

After close examination of the existing chairs we find the majority of them to be in need of major work to return them to like-new, or even safe, usable condition.

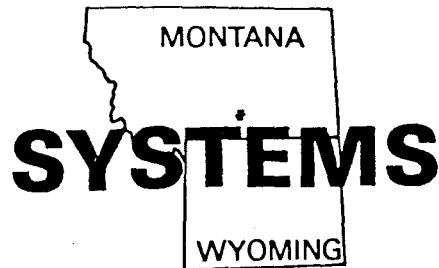
- a) Replacement of metal undercarriage at approximately 75.00 per unit for parts only.
- b) Replacement of casters to carpet casters at 15.00 to 22.00 per set. However, the condition of the legs is such that installing new casters will most probably break many of the chair legs. The wood is old, dry, and very narrow at the base where a caster must be installed. 75
22
- c) Professional, mechanical labor will be difficult to find and very costly at today's skilled labor standards.

We do not believe the present chairs, which are about 85 years old, are economically feasible to repair and return to present use.

In terms of chair replacement we propose new, top-quality seating by the Shaw Walker Co.; a steel-framed unit with five carpet casters, posture-back, and fully adjustable in height and back-spring tension. These are chairs designed and manufactured for the executive who spends many hours behind a desk; chairs engineered for balance, posture and back support.

The Shaw Walker chair is styled to match today's clean, functional executive seating. In terms of construction, the chair is backed by a 100-year old firm, and second to none in durability. The undercarriage is guaranteed for five years.

The Shaw Walker model 353A Operations Chair with a dark brown frame and nylon fabric seat and back are suggested due to limited space requirements and mobility. The list price on this unit is 419.00. Put upon confering with the Shaw Walker management for a potential 100-chair order, we propose a cost of 314.25 per unit with a purchase order for the complete project. The price is FOB the Capitol. Delivery is ten weeks.



A WYOMING SYSTEMS INC. P.O. BOX 1801 BILLINGS, MONTANA 59103 TEL. 406-348-3000 OR 252-4334

The Honorable Robert L. Marks
Speaker of the House of Representatives
Helena, Montana 59601

February 10, 1981

Dear Sir:

Last week at Don Byrd's request, I made a trip to your House Chambers to study your sound problems.

During that trip, two days were spent watching the house in debate. It was quite obvious what most of your problems are. They are:

1. There is no sound coverage on the speaker of the house's platform, making it difficult in that location to understand what is being said on the floor of the house. The clerks are in a poor place, but it is not quite as bad as the speaker's location.
2. The loudspeakers that were installed in 1970 were poorly chosen for the application in that they do not have good control of sound and are unable to keep most of the sound distributed on the floor of the house. This style speaker is never used by a professional in your application.
3. The sound toward the back of the house is difficult to understand, because there is more sound coming off the walls (reverberating) than there is coming direct from the loudspeakers in the front of the house. This is due to the directional control of the loudspeakers and the reverberation of the structure.
4. When talkers with bassy voices are talking close to their microphones, a lot of wind noise and popping is heard. This is a result of the microphone and loudspeaker design.

Because of the ornate composition of the room, care must be used in the location and type of equipment installed in such a room; and some of the options we would have on the installation of a workable sound reinforcement system are not available. But there are two proven methods available for use in your house. The first is the Rauland, Philips Conference system which is ideal for a permanent installation in your type of chambers and your type of debate. Everyone can hear, everyone can speak and optionally you can have chairman priority and/or clerk control. We would be pleased to demonstrate this system for you.

The second system is the Rauland Automatic Mixer system which, though similar to your existing system in function, has the advantage of state of the art

loudspeakers and the Rauland automatic mixer, delay and equalization equipment.

Either of these methods, properly installed, would make a tremendous difference in how the house communicates with itself.

Don's immediate concern though was what to do with the house now in session. So for this session, we wish to make the following rental proposal for a short form approach to the automatic mixer system method.

In order to have good sound coverage of the floor of the house and the speaker's bench, install temporary horn type loudspeakers on the west side of the speaker's platform attached to one of the existing sound columns. Two horns aimed at the floor of the house and one horn aimed at the speaker's platform. In order to reduce the feedback problem, the loudspeaker aimed toward the speaker's platform will have an automatic reduction in volume any time the speaker's microphone becomes active.

Install a automatic mixer to turn microphones on and off when spoken into and to control feedback if more than one microphone is on at once.

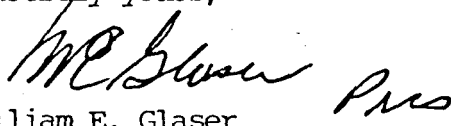
Install a equalizer system to adjust the loudspeakers to the room and to prevent the popping now heard when people speak too close to the microphone.

This system will cover the house floor and speaker's platform well and would allow greater freedom of microphone activity than you now have.

We are prepared to install this equipment for a 90 day rental period with service for \$3250.00. This includes the price of removal of the system and hooking your existing equipment back as it was.

This temporary installation could be accomplished over the weekend commencing Saturday afternoon and finishing ready for the house to reconvene on Monday morning.

Sincerely yours,


William E. Glaser
Montana-Wyoming Systems

WEG:cz
enclosures

Mr. Don Byrd, Chief Clerk
Montana State House of Representatives
Capitol Station
Helena, Montana 59620

February 9, 1981

We estimate that this survey/test would require from two to three days. Two engineers would address the matter. We would work at times so as not to conflict, at all, with legislative business presently in process. At the conclusion of our survey and test work we will present a complete report. The report will cover: (1) The problem (s). (2) The recommended solutions and (3) The recommended equipment with in-place cost quotation.

Our fee for this service would be from \$900 to \$1200, depending upon the time required. The fee would not exceed \$1200.00.

Should we be the favored contractor/supplier of the equipment specified in our report we will reduce our fee by an offset credit equal to five (5) percent of the in-place equipment cost up to the amount of our fee.

We appreciate the opportunity to address your sound system problems and needs. We will await your decision.

Cordially yours,

D. N. LATUS AND COMPANY, INC.



D. N. Latus - President

DNL:sc

D. N. LATUS AND COMPANY, INCORPORATED

ELECTRONICS

ENGINEERS
MANUFACTURERS
DISTRIBUTORS

618 N. Main • P.O. Box 1720 • HELENA, MONTANA 59601 • (406) 442-3940
7 Placer

February 9, 1981

Mr. Don Byrd, Chief Clerk
Montana State House of Representatives
Capitol Station
Helena, Montana 59620

Dear Mr. Byrd:

This is to follow up our conversation on Thursday of this past week during which you demonstrated to me the general deficiencies of the sound-reinforcing system in the House Chambers.

When you pointed out the operational particulars of the House system it was indeed evident that your objectives are not being realized. Further, the demonstration revealed that the performance is definitely sub-standard when expectancy from current state-of-the-art equipment is considered.

The question is-----what should be done by way of corrective procedures? The House Chambers comprise a very difficult acoustical environment. The ceiling is very high. Hard, reflective surfaces abound. The interior entails geometry and symmetry that are non-conforming when application of standard techniques and equipment is considered. Standard, run-of-the-mill rote corrective approaches are not applicable.

The solution to and proper handling of this general difficulty would be to first make a survey and thorough analysis of the problems. Then, once engineering and theoretical corrective determinations have been made, we would temporarily set up equipment in the Chambers so as to make positive, on-the-spot evaluations as to the efficacy of these judgments. We will be prepared to check out various speaker types, placements, sound levels, microphone types, etc., etc. until optimum performance is achieved in this demanding acoustical situation.

LEGISLATIVE ADMINISTRATION COMMITTEE
House of Representatives
February 9, 1981
1:00 p.m. Room 343

AGENDA

Call to Order by Chairman, Representative Bobby Spilker

Roll Call

Approval of Minutes of January 20th meeting

Sound System Presentation

D.N. Latus

Phillips Sound

House Chairs

Other Business

Staff Changes

Senate Bill No. 264

Adjournment



MONTANA WYOMING SYSTEMS INC. P.O. BOX 1801 BILLINGS, MONTANA 59103 TEL. 406-348-3000 OR 252-4334

Chairperson Barbara J. Spilker
Legislative Administration Committee
House of Representatives
Helena, MT 59601

February 23, 1981

Dear Bobby:

At this time, with the rental system installed, it is possible for us to predict exactly what is required for your permanent system. Now knowing your building and the deficiencies of your existing microphone and switching system, this is what we propose:

Use the rental equipment installed at this time which consists of:

- 1 - 3535AB Mixer
- 1 - RK35 Trim Kit
- 4 - 35LOG-2A Cards
- 8 - R1050 Input Transformers
- 1 - 47RCA Remote Volume Adaptor
- 1 - TAX125 Amplifier
- 2 - DSA60 Amplifier
- 2 - 6309 Equalizer
- 1 - Relay Assembly for Speakers Horn
- 2 - CN500-8 Network
- 3 - SR90F Horns
- 3 - SDF40 Drivers

In addition the following equipment should be added to:

Testing proved the sound column we are using for a bass loudspeaker to be a very poor driver. Change to a LFE16 speaker with a WFL driver. Two microphones should be added to the speaker's and clerk's position which will provide better side rejection and allow these people to talk farther from their microphones. Wind socks should be installed on all of the other microphones to prevent annoying voice sounds. And the existing switching panel should be replaced with a new clerk control panel.

Costs are as follows:

| | |
|-----------------------------------|----------------|
| Rental system as installed | \$ 8551.04 |
| Add bass speaker | 605.35 |
| Add two REll microphones | 310.00 |
| Add 56 microphone wind socks | 411.60 |
| Replace switch assembly for clerk | <u>4359.00</u> |
| Total all projects | \$14236.99 |

There will be a full credit on rental against the base rental system of \$3250.00 if decided upon before removal at the end of the legislative session.

Please advise us your decision. We have ordered the wind socks as per Don Byrd.

Very truly yours,



William E. Glaser
Montana-Wyoming Systems

WEG:cz

DAKTRONICS INC.

331 THIRTY-SECOND AVENUE
POST OFFICE BOX 128
BROOKINGS, SOUTH DAKOTA 57006 U.S.A.
TELEPHONE 605/692-6145
TELEX 29-5013

February 23, 1981

Mr. Don Byrd
Chief Clerk
House of Representatives
Capitol Station
Helena, Montana 59620

Dear Mr. Byrd:

In response to your letter of February 3, 1981, we are pleased to submit these estimates. For updating your voting system to a "like-new" operating condition, we would propose to do the following:

- a. Replace the two bill calendar displays with LED type displays.
- b. Replace all lamps in the system.
- c. Check all power supplies for regulation and accuracy.
- d. Redo the lettering on the name plates on the two wall displays.
- e. Provide a spare printer.
- f. Check and replace if necessary all lamp driver transistors.
- g. Replace microphone switching console
- h. Replace the equalizer and amplifiers and add speakers as necessary to provide sound coverage throughout the chamber.

The cost estimate for this is \$75,000.00.

For providing a completely new system with all of the capabilities of your present system plus message display capability; ability to have the votes printed on either plain white paper or preprinted forms; and a direct interface to the computer. The approximate cost for this system would be \$230,000.00. If the wall displays were reused, the figure would be decreased by approximately \$30,000.00.

For providing a new sound system with a speaker at each desk the approximate cost is \$31,000.00. The microphones would be reused.

February 23, 1981

Mr. Don Byrd

Page 2

Before any change is planned we would appreciate the opportunity to meet with you to discuss the change. Please call or write if there are any questions or if we can be of further assistance.

Sincerely yours,
DAKTRONICS, INC.

A handwritten signature in cursive script that reads "Stan Hoium".

Stan Hoium
Project Engineer

SH/wlk

FACT SHEET
SJR 21
CAPITOL BUILDING RENOVATION

The intent of this resolution is to provide more adequate legislative space within the Capitol Building.

Upon completion of the Justice Building, the space presently occupied by the Supreme Court, the Law Library and the Attorney General will become available for use by the Legislature.

The plan as presented for consideration addresses three (3) areas of concern that are necessary to improve the function of the Legislature:

1. Better and larger committee rooms.
2. A formal hearing room for large hearings within the Capitol Building.
3. Semi private office space for each legislator.

The concept, as outlined, would divide the Capitol Building at the rotunda with all House functions to the west and all Senate functions to the east. The first, third and fourth floors would be totally legislative space with the second floor reserved for Executive Branch functions. This will divide the congestion presently caused by the close proximity of the Senate and House Chambers.

The Senate chambers would be moved from its existing location to the area presently occupied by the Law Library. The law library is approximately 1,900 sq.ft. larger than the present Senate Chamber. A new gallery would be constructed to seat 144 spectators in comparison to 123 seats in the present Senate gallery. Adequate space is available on the proposed Senate floor for an Invitation gallery for 60 family members or guests. Every other column in the Law Library is false and could be removed if desired. The paintings in the Law Library were painted by a Helena artist, Ralph DeCamp, about 1912, and are considered to be the most significant in the Capitol Building next to the "Big Russell". They all depict scenes of Montana.

The existing Senate Chamber would be floored over and divided into four committee rooms on each of the third and fourth floors. These committee rooms would house approximately 55 people. The pictures on the ceiling of the existing Senate Chamber, while neither valuable nor historically significant could be removed, relocated, or saved depending on the cost. The artist for these paintings is unknown. The existing Senate dias and podium would be moved intact to the new chambers in the Law Library. In total, there would be 20 committee rooms; all holding between 40 and 100 persons.

The existing Supreme Court chamber would be used as a large hearing room with virtually no modification needed. This area will allow seating for 150 on the third floor and 160 in the gallery for a total of 310.

The proposal for providing individual desks and phones for each legislator in a semi-private environment is based on the following understanding:

1. That desks be fit into existing room configurations with little or no major renovation except possibly low partitions for visual privacy. This will put anywhere from one to six legislators per space. All representatives will be housed in the west wing and all Senators will be housed in the east wing. All leadership would have private offices.
2. That the Legislative Auditors Office would be required to move out of the first floor west wing, and
3. That the Superintendent of Public Instruction would be required to move out of the first floor and basement of the east wing.

Needless to say, each would have to be provided adequate rental space.

In addition to improving direct legislative space, ancillary space would also be improved. New public and private toilet facilities, for both men and women, including handicapped would be provided.

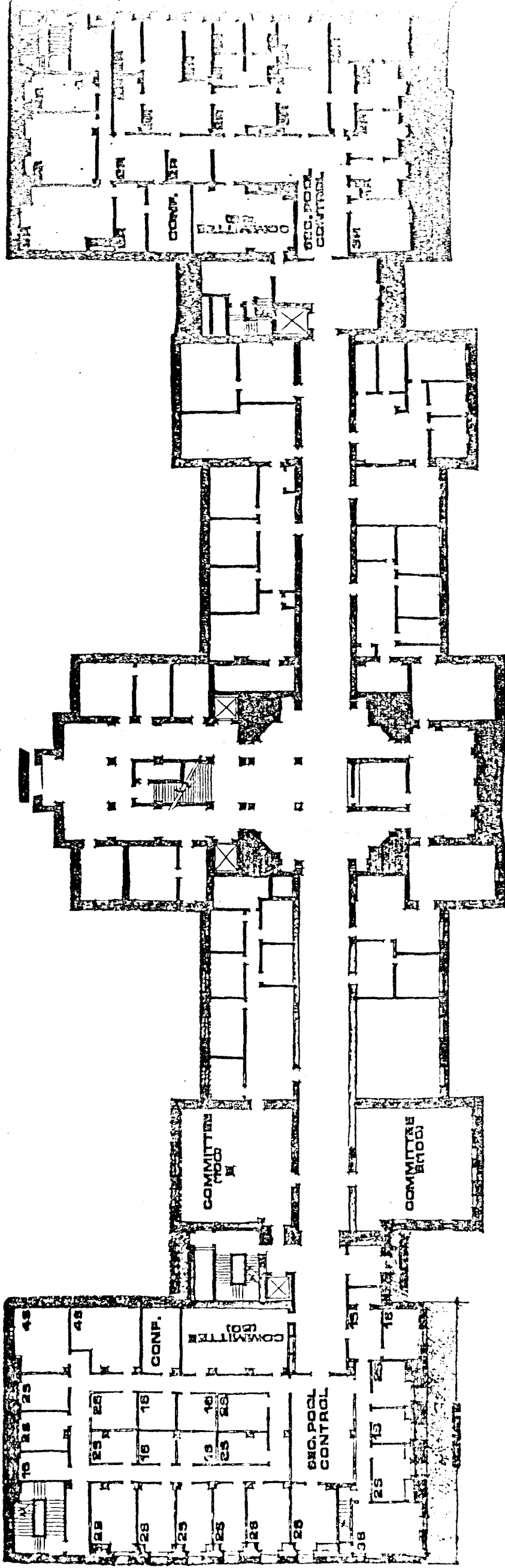
Concession areas will be provided in each wing as well as a new Capitol cafeteria underground.

New stairwells in the east and west wings will provide fire egress as well as private access for legislators between their desks and the Senate and House floors.

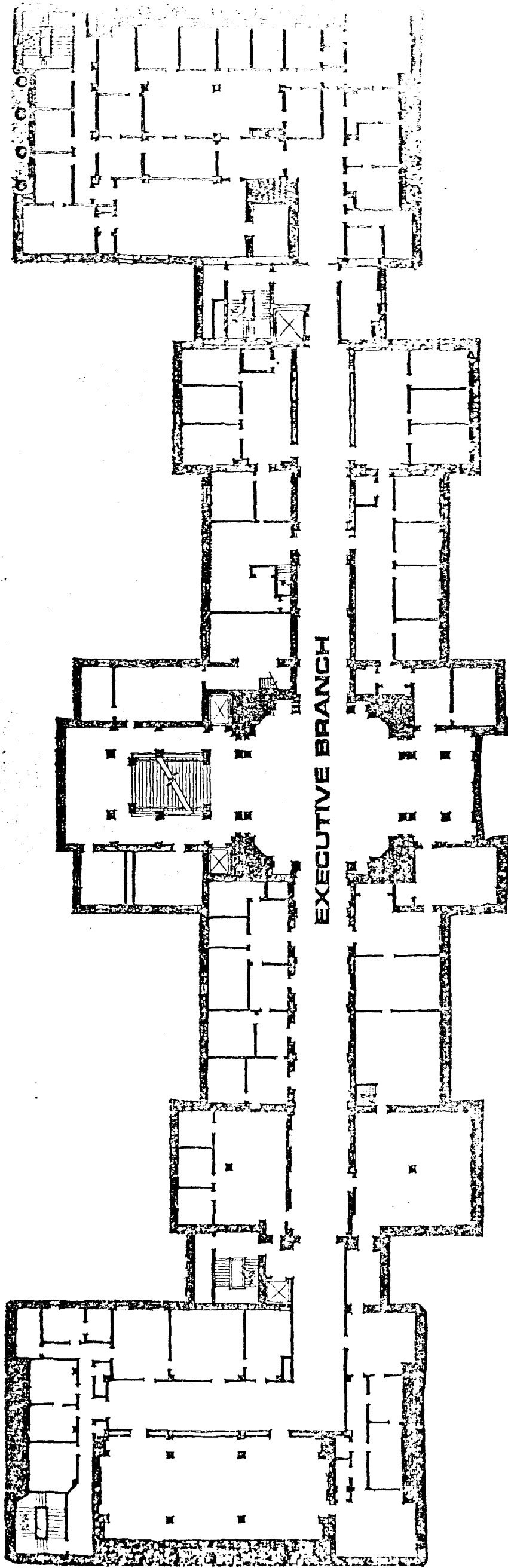
New windows in the east and west wings will greatly improve energy conservation as will necessary modifications to the mechanical and electrical systems in the building.

A new fire alarm system would be installed and the basement would be sprinklered. Air conditioning is included as well as preventive maintenance work on the stone exterior of the building.

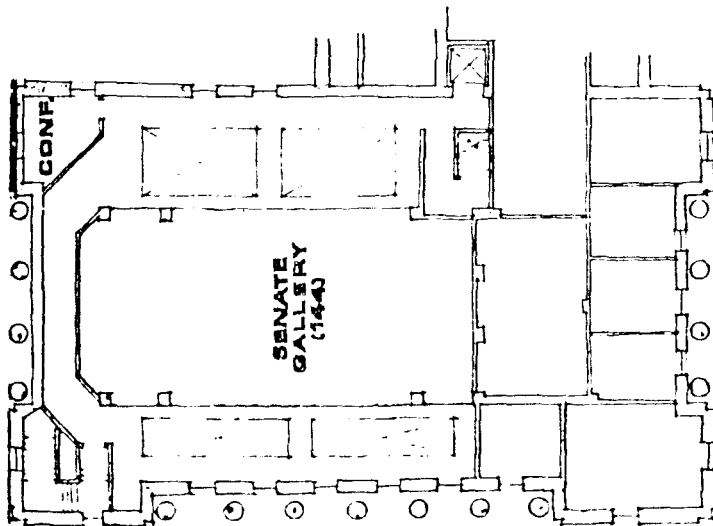
Funding for this project is being considered by the Long Range Building Program Committee. However, the cost is approximately \$6,750,000 which would be financed through the sale of bonds and retired from the Capitol Land Grant Account.



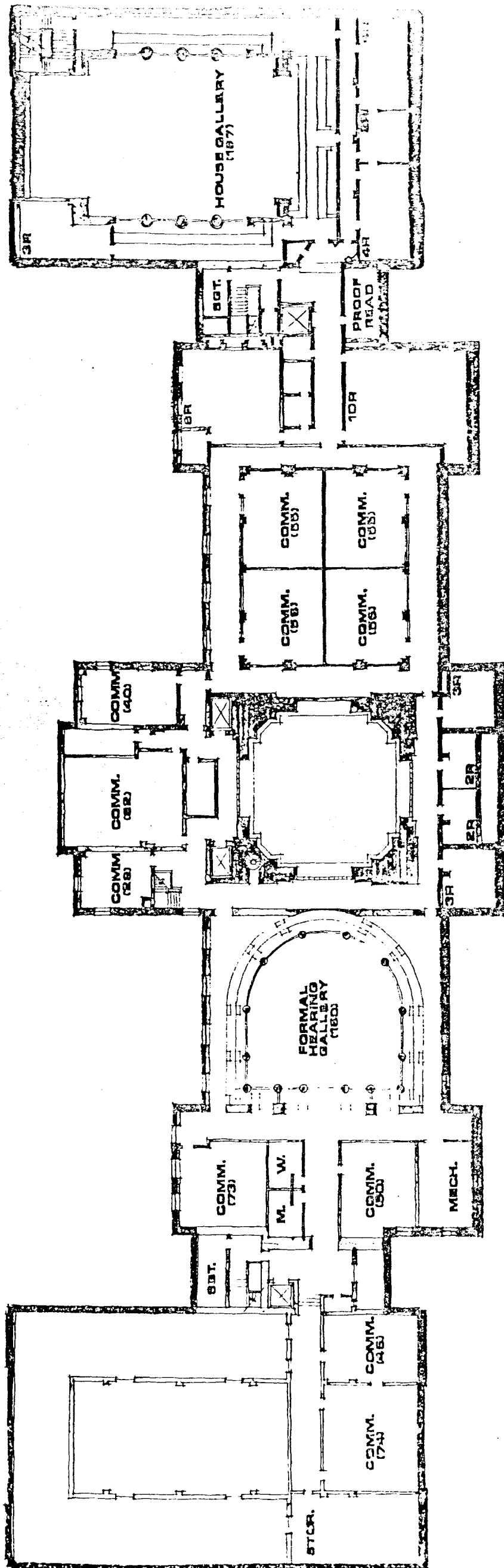
FIRST FLOOR PLAN



SECOND FLOOR PLAN



GALLERY PLAN



FOURTH FLOOR PLAN



The Big Sky Country

MONTANA STATE HOUSE OF REPRESENTATIVES

March 2, 1981

Bobby J. Spilker, Majority Whip
Legislative Administration Committee, Chr.
Rules Committee
State Administration Committee
801 Harrison Avenue
Helena, Montana 59601

MEMORANDUM

TO: House Legislative Administration Committee
(Zabrocki, Meyer, Kanduch, Curtiss, Spilker)
Don Byrd, Chief Clerk of the House
Bob White, Sergeant-at-arms
Diana Dowling, Director of Legislative Council
Sharole Connelly, Director of Accounting
Bob Marks, Speaker of the House

FROM: Rep. Bobby Spilker

There will be a meeting of the House Legislative Administration Committee on Thursday, March 5, 1981 at 11:00 a.m. in Room 343.