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

January 22, 1985

The meeting of the Long-Range Planning Subcommittee was called to order by Chairman Robert Thoft on January 22, 1985 at 8:02 a.m. in Room 420 of the State Capitol.

ROLL CALL: All members were present.

DEPARTMENT OF JUSTICE, REGISTRAR'S BUILDING: Representative Joe Quilici (15:A:001), House District #71, spoke as a proponent of the maintenance project on the Registrar's Building in Deer Lodge. He said he has looked at the building and the fascia is falling off. He said he felt the building poses a safety hazard and if it is not repaired soon there will be further deterioration of the building.

Chairman Thoft (15:A:008) asked Phil Hauck, Administrator, Architecture and Engineering Division (A&E) to comment on the building in Deer Lodge. Mr. Hauck said A&E has made a study on the restoration of the building, but due to financial limitations the project was not budgeted for funds.

Mr. Bud Schoen (15:A:21), Chief, Registrar's Bureau, Division of Montana Motor Vehicles presented the committee with a report on the deterioration of the Registrar's building (EXHIBIT 1) and an appendix to the report (EXHIBIT 2). Mr. Schoen also provided written testimony (EXHIBIT 3).

Senator Van Valkenburg (15:A:089) asked Mr. Hauck if a second priority ranking was available on projects, such as the Registrar's Building, which did not make the final cut for the Long-Range Building Cash Fund. Mr. Hauck said no. Senator Van Valkenburg asked if this project is the next most important after those which made the first prioritized list. Mr. Hauck said yes and volunteered to make a second priority list of projects which were not included on the first list. Mr. Hauck also said A&E raised the original cost estimate from \$107,000 to \$120,000 for repair of the Registrar's Building.

DEPARTMENT OF STATE LANDS: Mr. Randy Mosley (15:A:124), Administrator, Field Operations, Department of State Lands presented a proposal which will replace fire-crew quarters at two fire stations (EXHIBIT 4).

Since the original request presented to A&E by the Department of State Lands included four projects and none of these made the priority list Chairman Thoft asked Mr. Mosley to submit a letter describing the project to the committee (15:A:156).

DEPARTMENT OF AGRICULTURE - LAB REMODELING PROJECT: Chairman Thoft (15:A:175) said he has received a letter from Representative Rex Manuel concerning funding of the Department of Agriculture's lab (EXHIBIT 5). Tom O'Connell, Chief, Facilities Planning Bureau, A&E said funds for the lab remodeling were originally requested as part of the department's operating budget. Representative Bardanouve said it was requested as part of the operating budget but, due to the size of the request it could be heard by the Long-Range Planning Subcommittee.

DALY MANSION AND UNIVERSITY OF MONTANA TOUR: Chairman Thoft (15:A:233) said the committee will be making a trip to visit the Business School at the University of Montana and to the Daly Mansion in the Bitteroot Valley on Saturday, January 26th.

MONTANA STATE UNIVERSITY, BRICK REPAIR ON JOHNSON AND WILSON HALLS: Mr. Craig Roloff (15:A:272), Acting Director, Administrative Services, Montana State University (MSU) gave an indepth presentation on the deterioration of bricks on Johnson and Wilson Halls at MSU. He said the three major problems with the bricks on these buildings are severe moisture damage, inadaquate veneer anchorage or reinforcement and veneer movement, cracking and delamination. He used various diagrams and pictures to illustrate the existing problems and the remedies for them. He said proposed solutions to the problem are the following:

#### Solutions

- Replace parapet walls on both buildings. The 1983 Legislature appropriated funding for this purpose and it is being done.
- 2. Replace brick, in bands on Johnson Tower at each floor beam.
- 3. Install several expansion joints at each floor of both buildings.
- 4. Install flashing and weep holes in bands at each floor of both buildings.
- 5. Selective replacement of badly deteriorating brick on both buildings.
- 6. Uniform reanchoring of bricks to the structure of both buildings.

Representative Ernst (15:A:576) asked how long the expansion joints will last. Mr. Roloff said it is possible the caulking in the expansion joints could lose some of its better qualities with time but he said he felt it will not be a problem to go back and add caulking. Representative Ernst asked if there had been discussion on replacing the brick back in the 1983 session. Mr. Hauck said A&E did not know the full extent of the problem at the time of the 1983 session.

Representative Bardanouve (15:A:670) said it appears there was poor engineering and architectural work on the buildings and he wondered if someone wasn't liable for the poor work. Mr. Hauck said D of A's legal department is looking into this but there are some problems with the litigation. He said he thought the general contractor on the job must be sued and the poor work was done by the brick mason who is a subcontractor. The subcontractor cannot be sued because he is no longer in business.

Senator Fuller (15:B:029) asked if the contractors didn't have to post bonding. Mr. Hauck said bonding is only in effect for 1 year and there is a question concerning the statute of limitations on this. Representative Bardanouve asked when the buildings were completed. Mr. Hauck said Johnson Hall was finished in 1973 and Wilson Hall in 1974.

Representative Ernst recommended Mr. Young from D of A's legal department make a presentation to the committee on what legal recourse the state has concerning this matter.

Senator Van Valkenburg (15:B:75) asked what it would cost to strip all the brick off and replace it. Mr. Hauck said it would cost about \$2.75 million to do this and he said he felt the proposed solution will take care of the problem for less money. He also said he felt the proposed solution will hold the brick on the buildings except in the event of a hard earthquake. Senator Tveit asked if there would be further deterioration of the bricks still on the building which will not be replaced by the repair process. Mr. Hauck said the aluminum caps on the parapets should take care of moisture getting to most parts of the buildings. Senator Tveit asked why expansion joints were not put in the buildings originally. Mr. Hauck said they were but not enough were installed or placed in the right spots.

Senator Tveit (15:B:184) asked where inspectors were during the construction of these buildings. Mr. Hauck said A&E had two full-time inspectors on the job, MSU had a part-time inspector present and the architect also had one inspector on the job. He said the fact that there were full-time inspectors present on the job clouds the litigation aspect of the problem.

LAW ENFORCEMENT ACADEMY FIRING RANGE: Representative Ernst (15:B:265) said he had called Dean Jim Welsh about the firing range which exists on the Agriculture Experiment Station property at MSU. He said Dean Welsh does have the authority to close the firing range with the concurrence of President Tietz, and would like to do so. There is a public relations factor involved with the Academy since it is tied very closely to the university system and this creates a delicate situation between MSU and the Academy. Representative Thoft suggested committee members write to MSU, the Academy and the Department of Justice requesting the closure of the firing range. Mr. Craig Roloff (15:B:311) said MSU has just signed a lease which puts all responsibility and liability concerning the firing range with the Attorney General's Office and suggested letters be directed there.

Senator Fuller (15:B:608) suggested President Tietz and the Attorney General's Office try to work out a solution to the safety hazard that exists at the present firing range. He asked if an alternative sight could be considered as a solution and asked President Tietz to report back to the committee with their findings. Chairman Thoft said he felt the committee should take a hard line approach to the closing of the firing range due to the concern of citizens owning homes in the immediate area.

EXECUTIVE SESSION: Madalyn Quinlan, Staff Analyst, Legislative Fiscal Analyst Office reviewed the Long-Range Building Fund cash requests from each state agency and the following action was taken on each department's funding requests.

#### University System

Chairman Thoft asked that the Johnson/Wilson Hall project be considered at a later date. Representative Ernst (16:A:176) moved that all five project requests, with the exception of the Johnson/Wilson Hall Brick Replacement, be approved for funding. The motion passed unanimously. \$2.072 million in total funding was approved.

#### Department of Administration

Senator Fuller (16:A:235) asked if the committee could wait to take action on the building modifications to the old Liquor Warehouse for the Publications and Graphics Division, due to concerns being expressed by local businessmen. He said the project should be looked into a little more.

Senator Fuller (16:A:334) moved the committee approve D of A's funding requests, excluding the building modifications for Publications and Graphics, and adding the Asbestos Abatement project. The motion passed by a majority. Senator Van Valkenburg wished to go on the record as voting no on this motion, because of his concerns about the Publications and Graphics proposal. \$1,428,335 in total funding was approved.

#### Historical Society

Senator Fuller (16:A:390) moved the committee approve the project request from the Historical Society. The motion passed unanimously. Authorization was given to spend \$425,000 in private funds.

#### School for the Deaf and Blind

Senator Ernst (16:A:404) moved the roof repair project for the School for the Deaf and Blind be adopted. The motion passed unanimously. \$67,700 in funding was approved.

#### Department of Highways

There was some discussion by the committee on the statewide maintenance project proposed by the Department of Highways. Representative Bardanouve asked if A&E had reviewed this project request. Tom O'Connell said this is the only project that A&E did not review. He said most of the funds are used in a variety of ways to energy retrofit highway buildings across the state. Senator Van Valkenburg said the committee is trying to encourage preventive maintenance and he said he felt the Highway Department is doing that with this proposal.

Representative Ernst (16:A:581) moved the committee approve all of the Highway Department's requests for funding. The motion passed unanimously. \$1,524,000 in funding from the highway gas tax account was approved.

#### Department of Justice

Chairman Thoft (16:A:661) suggested the committee wait to approve the request for a new Law Enforcement Academy until a solution to the firing range problem is resolved.

#### Department of Commerce

Mr. O'Connell gave the committee a handout on the Capital Land Grant Fund balance (EXHIBIT 6). The committee decided to postpone action on the \$25,000 funding request for planning of the Centennial Center to a later date.

Representative Ernst (16:B:63) moved the committee approve funding for the roof replacement on the Yellowstone Airport in Gallatin County. The motion passed unanimously. \$50,000 of the airport's proprietary funds were approved for this project.

CULTURAL AND AESTHETIC PROJECTS: Madalyn Quinlan, Staff Analyst, Legislative Fiscal Analyst Office passed out the schedule of hearings for Cultural and Aesthetic projects for the remainder of the week (EXHIBIT 7).

There being no further business before the subcommittee the meeting was adjourned at 10:31 a.m.

ROBERT THOFT, Chairman

#### DAILY ROLL CALL

# LONG RANGE PLANNING SUB COMMITTEE

#### 49th LEGISLATIVE SESSION -- 1985

Date January 22, 1985

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HELENA, MONTANA



CAST-STONE CONSERVATION REPORT

REGISTRAR'S BUILDING

#### CAST-STONE CONSERVATION REPORT

REGISTRAR'S BUILDING 925 MAIN DEER LODGE, MONTANA

PREPARED FOR:
Department of Justice
Helena, Montana

PREPARED BY:
James R. McDonald

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#### INTRODUCTION

The Department of Justice and the Architectural and Engineering Department have been concerned about the deterioration of the cast-stone facade of the Registrar's Building in Deer Lodge, Montana. There has been considerable deterioration of the facade, especially on the west and south sides of the structure, which experience severe weather patterns.

An architectural analysis was required to assess the extent of deterioration of the stone, what is causing the deterioration and what should be done to conserve the stone. The following report assesses the cast-stone and its deterioration, and makes recommendations for conservation of the structure.

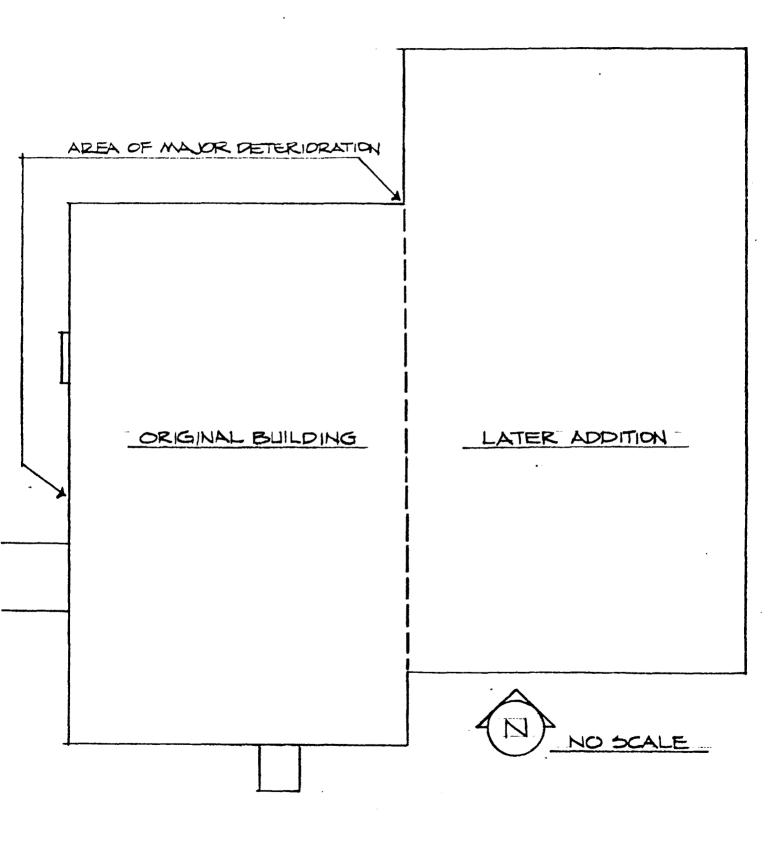


Figure 1: Plan of Registrar's Building, Deer Lodge, Montana.

#### **HISTORY**

The Prison Administration Office (Registrar's Building) was built in 1918 to accommodate the warden and his staff cutside the walls of the main prison. It was built at a time when people were looking for easier and less expensive ways to construct stone buildings, so they looked to "imitation stone" (cast-stone) rather than natural stone.

The Ideal Concrete Machinery Company of Cincinnati, Ohio and Sears, Roebuck Co. of Chicago, Illinois were two companies that created the cast-stone or sold machines for the contractor or homeowner to do his own building. (See Appendix A.) The cost was about a third of natural stone. This process was very popular from 1900 to the 1920s and was used around the City of Deer Lodge as well as the State of Montana.

The Registrar's Building was built in the Neo-Classical style and is an historically and architecturally significant building in Deer Lodge.

ARCHITECTURAL ANALYSIS

#### Introduction

In trying to determine the make-up of the cast-stone in the Registrar's Building and causes of deterioration, it was important to analyze the stone. The surface of the structure was analyzed to ascertain problem areas and samples were taken from the building to determine the make-up of the stone. The following photographs and written documentation reveal what was found on the building.

#### SURFACE INVESTIGATION

The Registrar's Building is made up of a cast-stone material that was popular in the construction industry from around 1900 to the 1920s. It was the answer to what was considered the high cost of crating a natural stone building.

Cast-stone was used as a building material using the dry process, in which the mixture is dampened only enough to cause the cement and the aggregates to adhere or cling together under slight pressure. When the mixture is tamped into a machine mould it can be removed as soon as it is shaped into the desired form and set aside to dry and harden.

The blocks themselves are made up of a rich cement mixture with fine aggregate (in this case marble dust) on the face and the body mixture made up of a larger aggregate and as little cement as possible; thus the center is more of a filler. The outer surface provides the decoration and the finished appearance.

#### Problems

The main problem with this type of block is that if there is any way for water to get into the center of the block the porous filler material will absorb water, and if there is any freezing of the surface it will cause spalling of the harder surface of the block. The following series of photos shows some of the problem areas.



The walls, pilasters, base, cornice and sills are all cast-stone.

Figure 2: Looking northwest at the front of the building.

The porch has been repaired within the past few years.

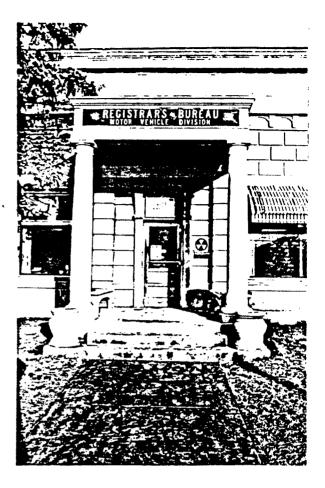
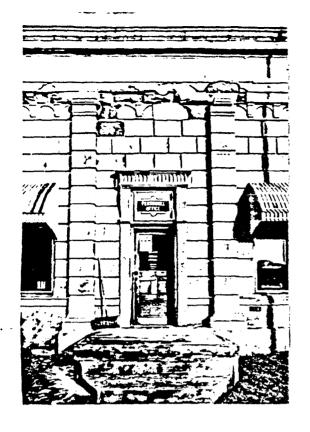


Figure 3: Looking east at main entrance to building.



Figure 4: Looking southeast at the building

Note masonry that was applied to the cornice and spalled block areas.



Joints at cornice have deteriorated. Note staining around joints suggesting water penetration.

Figure 5: Spalled area over personnel office entrance on the west side.

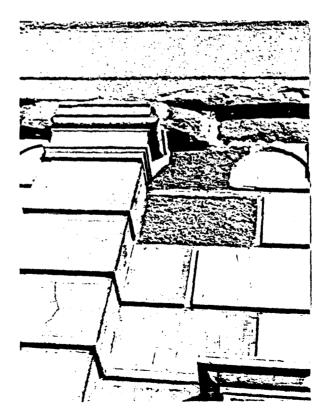


Figure 6: Detail of spalled area over entrance to personnel office.

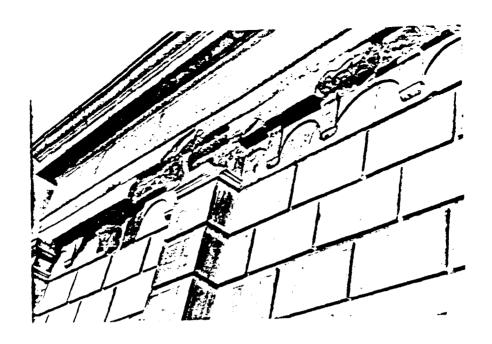


Figure 7: Detail at cornice showing extent of deterioration on west side.

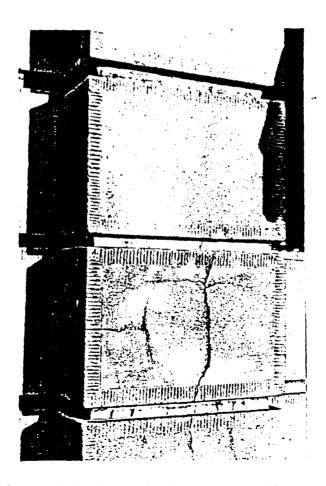


Figure 8: Detail of cracked face of stone suggesting pressure from behind the hardened surface.

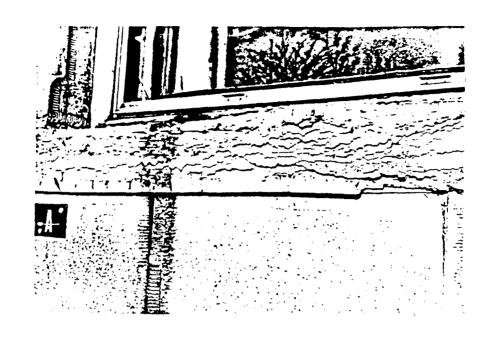


Figure 9: Detail of fissuring of sill below window on west side, caused by freezing of the material.



Figure 10: Looking east at north wall of main structure.



Note water penetration on the sill and base.

Figure 11: Looking at detail of spalled area on north side.

Note harder outer surface of block and inner filler surface.



Figure 12: Detail of spalled surface on north wall.



Note masonry wash on base below sills coming off.

Figure 13: Detail of sill under window. Discoloration of surface denotes water penetration from water above.

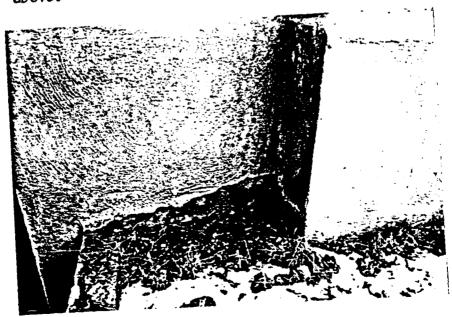
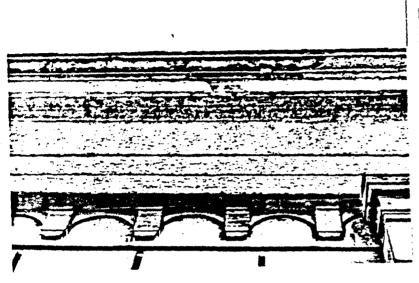


Figure 14: Detail of spalling of masonry wash from base of building.



Masonry wash is spalling because of absorbing moisture. The masonry joints and wash appear to have water penetration from above where the roof was in bad shape.

Figure 15: Detail of cornice with masonry wash.

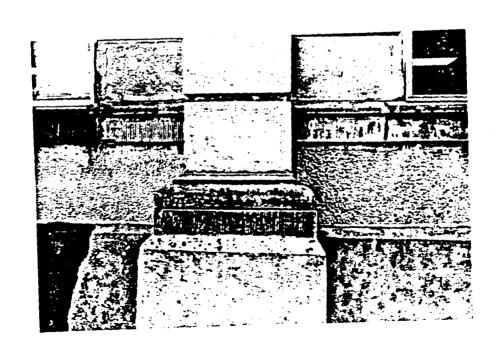


Figure 16: Detail of cast-stone base showing water penetration and cracking.



Figure 17: Looking north at intersection of old building and later addition.

This area appears to be in good shape except for minor repointing. The cornice has had some water penetration, i.e., staining and deteriorated joints, probably because of water penetration from the roof.

Wall is cast in place and appears to be in good condition.

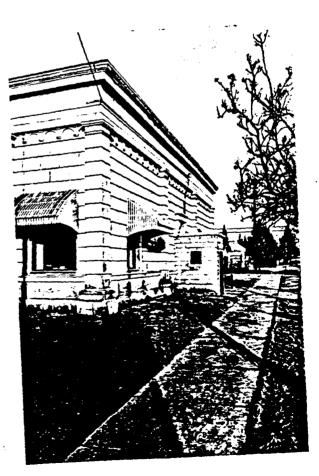
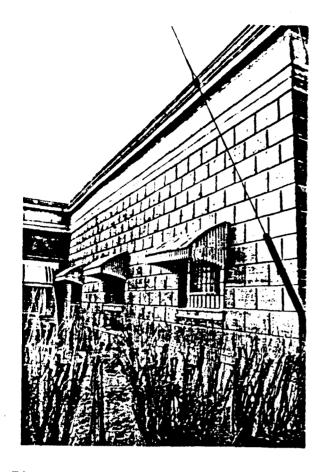


Figure 18: Looking northeast at wall of structure.



Caulking at cornice. Good condition.

Figure 19: Looking at south side of addition.

Caulking at cornice. Good condition.

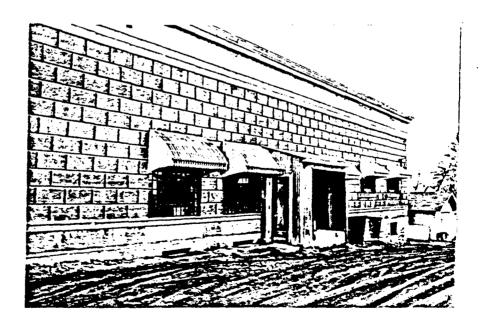
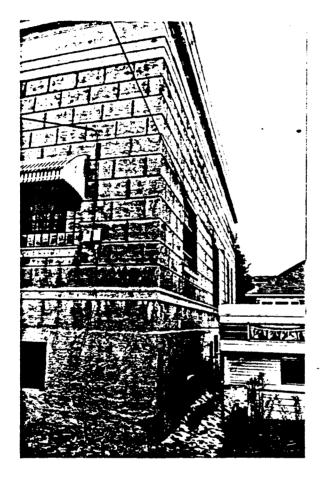


Figure 20: Looking at east side of later addition.



Caulking at cornice. Good condition.

Figure 21: Looking at north side of building.

#### **RECOMMENDATIONS**

Analysis of the cast-stone reveals little else from whatever was known from the manufacturer's literature on make-up of the stone. The softer center portion can be scraped away fairly easily with the hand. Therefore, in making recommendations for the building it was determined to cast new stones or parts of the stone anchoring into the wall or adjacent stones.

The recommendations for restoration and conservation of the cast-stone are as follows:

- Remove all deteriorated stone at least halfway into the block to get a good solid surface.
- 2. Remove all masonry wash from cornice area.
- Cast new concrete blocks to match color, texture, shape, and form.
   Replace with mechanical anchors and point.
- 4. Pressure wash building with mild cleaner.
- 5. Repoint all loose and missing mortar.
- 6. Cover wall with a water-repellent seal.
- 7. Continue to check flashing and roofing on top of wall for leaks. Possibly look at EPDM surface in future.
- 8. Paint all windows and doors.

#### COST ESTIMATE

The following costs were established based on material to be removed, casting stone, cleaning, pointing and sealing of all surfaces. The costs are as follows:

		<b>A</b>
1.	Removal of deteriorated stone	\$ 9,000.00
2.	Removal of masonry wash from cornic	e 5,400.00
3.	Cast new stones	29,900.00
4.	Clean building	16,700.00
5.	Repoint 50% of mortar	16,700.00
6.	Water-repellent seal	5,400.00
7.	Paint windows and doors	1,080.00
8.	Miscellaneous expenses	1.000.00
	SUBTOTAL	\$ 85,180.00
	CONTINGENCY 10%	8.518.00
	SUBTOTAL	\$ 93,698.00
	A/E FEES, PERMITS, ETC.	14.000.00
	. TOTAL PROJEC	T COST \$107,698.00

#### APPENDIX A

CAST-STONE MACHINES AND BLOCKS FROM 1908 SEARS CATALOGUE

THEY WILL MAKE MORE BLOCKS PER DAY THAN ANY OTHER MACHINES, THEY WILL MAKE BETTER PROPORTIONED AND BETTER FINISHED BLOCKS THAN ANY OTHER MACHINES AND THEY WILL MAKE MORE MONEY FOR YOU. OUR PRICES ARE LESS THAN ONE-HALF THE PRICES ASKED FOR OTHER MACHINES NOT HALF BO GOOD AS OUR MACHINES.

THERE IS BIG PROFIT IN MAKING CONCRETE BUILDING BLOCKS.

THIS REMARKABLY PROFITABLE BUSINESS has been wonderthe past few years until new it is one of the leading industries of the
country. It is of great interest to the property owner because concrete building
blocks are better and cheaper than either lumber, brick or stone, and by their
use his buildings can be erected cheaper, better and more artistic in design than
with other building materials, at the same time insuring warmth in winter, coolness in summer, more substantial construction and protection against fire. It is
beneficial to the contractor and builder because of the cheapness of concrete
building blocks compared with other building materials and because of its adaptability to all building purposes. It is a boon to the village lumber and building
material dealer because it enables him to build up his business by adding concrete material dealer because it enables him to build up his business by adding concrete products to his line with most antisfactory profits to himself and with still greater profits if he makes blocks to sell in his own yards. He can purchase either a simple or a very complete outst from us at wonderfully low prices.

FARMERS AND SMALL LAND OWNERS who have gravel pits or sand the ones who can reap the greatest benefits and make the most money in the use of concrete building block machines, because, saide from the cement used, which is only about one-fith of the whole, their material costs absolutely nothing, while they can selt the blocks for as much as the man who is compelled to buy his sand and gravel. The farmer can employ men to make concrete blocks all the time and with big profit to himself, or his help can make the blocks on rainy days and at other idle periods, or he can make the blocks alone if he employs no help. He can build his own bouse, his barns and other farm buildings all with material of his own making, and he can sell his surplus products at a large profit. A modest concrete block making outfit of our make costs but very little and every farmer who can use one to advantage should not healtiste in making the investment. The saving you would make on one building alone would more than pay for a good outfit, aside from the profit you would make by selling the blocks.



WE PUBLISH A SPECIAL CONCRETE BUILDING BLOCK MACHINERY CATALOGUE which will be sent free to anyone who will write and handsoine illustrations of our compile line of concrete building block machinery, the highest grade and very best coopered block machines ever produced. It shows the machiner compilete and in parts, giving full and compilete descriptions of everything. It explains to you why our machiners are better, faster and more perfect that any other machines and quotes the machines at prices below all competition. This big free book given a world of information about the somerete industry and the past and percent uses of concrete in the past and percent uses of concrete in the same with our machiners as well as pictures of beautiful given many reasons why concrete is superior to all other building block branch of softsury, in which the farmer, the village building micerial macrinis, and treats at length upon the concrete building block branch of softsury, in which the farmer, the village building micerial and other material to use for different purposes, how to mix the coment and other material for successful and use the concrete block work, how to make the blocks, how to color the face of the blocks, what kind end how much coloring to use, how to mix the mortur for laying the blocks. In fact, this free book tells you all about concrete block mathing, and how to secure the best graute and the biggest produce by using our low priced, high grade, up to the minute concrete block mathing, and how to secure the block machines.

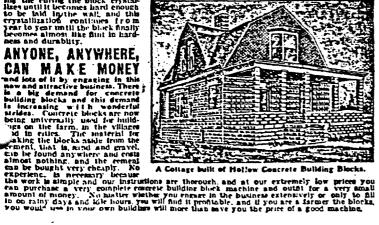
CONCRETE IS A BUILDING MATERIAL made of cement, mixed in varied proportions with coarse materials called aggregates, and dampened with water. The aggregates may consist of either sand, gravel or crushed stone, or all of lisse combined, the proportions of the cement and the aggregates and the amount of water used being regulated by the required strength of the correte product, the method by which the mixture is made into form, and the manner in which it is to be used. There are two methods of making concrete. One is known as the wet process, in which the mixture is made wet enough so that it can be poured into a specially prepared mould, in which it remains satil it has set and hardened. The other is known as the dry process, in which the mixture is dampened only enough to cause the cement and the aggregates to adhere or clims together under slight pressure so that when the mixture is tamped gregates to adhere or cling together under slight pressure so that when the mixture is tamped into a machine mould or finisk it can be removed as soon as it is made into the desired form and set to one side to dry and hassen.

GROUTING, WHICH IS THE WET PROCESS MIXTURE, has been thousands of years. It has been determined that the pyramids of Egypt ware made his process. There are concrete buildings in Rune which have been in use for over 1,400 years; in Enriand and Ireland thest are castics and towers which were built of this material hundreds of years ago, proving constitutely that concrete is the most durable of all lauding materials. The United states Comment has adopted this material for building extensive public improvements, such as hashor walls, breakwaters etc., and the great railroad companies, contractors, and public comporations use it in building bridge piers, cuiverts and countiations for buildings of every description. The wet process is not generally used except in extensive building operations because the form or mould must be built especial:—for every part of the constructive work, but the invention of machines for making buildings blocks pisces the farmer, the material deske, the small builder and the ordinary property owner in position to make use of this wondential building material and at a cost far below that of any of the other materials now in use. the other materials now in use.

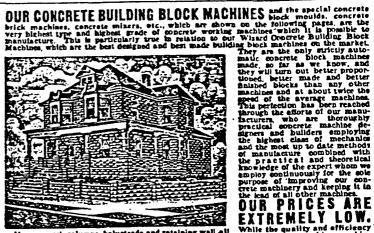
HOLLOW CONCRETE BUILDING BLOCKS are made by the dry mixture process, the only pracess by which concrete products can be used in a machine allowing the formed block to be removed immediately from the mostle or flask and the machine to be used continuously for making additional blocks. Any lam, shape or design of block may be made by machinery, depending only upon the equipment of the machines, and anyone either with or without skill or previous experience can make perfect blocks with our concrete building block machines, because our ruschines are beth simple and perfect and the instructions which we provide are so simple and complete that no one can fall to obtain satisfactory results with them. Concrete blocks for building purposes are secentily made bolow, to permit at circulation in the wails of able building while still allowing the blocks to be made of the correct size and with the smallest amount of material consistent with the required strength. The mixture is tamped into the module on its pallet and consistent with the required strength. The mixture is tamped into the module on its pallet and set away to undergo the curing process, which takes from ten to twenty days. During the curing the block from the block crystallization continues from set away to undergo the curing process, which takes until it becomes land enough the continues from year to year until the block finally becomes almost like flint in hardness and durability.

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ANYONE, ANYWHERE, CAN MÁKE MONEÝ



OUR CONCRETE BUILDING BLOCK MACHINES and the special concrete



purpose of 'improving our con-crete machinery and keeping it in the lead of all other machines. OUR PRICES ARE

House, porch columns, behestrade and retaining wall all built of Hollow Concrete Building Blocks.

Our prices are very much lower than others ask for machines of lasterior grade and entitlency about one-half the prices you would be compelled to pay for machines which would anywhere near approach ours in quality, and we honestly believe that you cannot buy elsewhere at any price machines as efficient and satisfactory as ours. We can afford to make low prices because we have our machines manufactured to very large quantities under special contracts. The manufacturers have no selling or collection expenses, as we take their output and pay them spot cash for everything. Our method of selling direct to the user is far more economical than that of the ordinary desier; there are no fobbers, wholesalers, agents or endiddemen's profits of any kind to pay; our prices are based on the actual cost of the material and abor with but our one small profit added, allowing in to sell to our customers at prices which are really as low or lower than the biggest jobbers would have to pay for the same class of goods. We turnish you the best concrete working machinery which can be made, and we effect a big money saving for you in our wonderfully low prices.

OUR PRICES ARE

EXTREMELY LOW.

While the quality and efficiency of our concrete working and extinct each only best concepts. The part of surface and only in the pay to the same class of goods. We turnish you the best concrete working machinery which can be made, and we effect a big money saving for you in our wonderfully low prices.

While the statements which we make in relation to our concrete machinery, as well as an other goods we sell, are absolutely true and mot exaggerated in any way, you need not deepend upon these statements alone. If you order your concrete machinery from us we allow pend upon these statements alone. If you order prour concrete machinery from us we allow pure the property of the machine in which to examine, test and use it and to compare it in value, efficiency, speed and perfection of product with any or all other machines, no matter what the price of the other machine may be, then if you do not and that the Wizard is all that we claim for it, that it is high grade in every way, that it is strong and durable, that it does better and faster work and gives you better satisfaction than any other machine you can return the machine at our expense and we will cheerfully return your money and reimburne you for the freight you paid when you received the machine. You are the sole and only judge of the quality, emicency and value of our machines. They must please and satisfy you set your money back.

WE GUARANTEE OUR CONCRETE MACHINERY gainst all defects in material or workman, of defect in material or workman, of defect in material or workman, of defect in material or workman, of the defective marks.

WE CHARDAUTEE CAFE

WE GUARANTEE SAFE



# CONCRETE BUILDING BLOCK MACHINES

IN THE REAL SENSE OF THE **AUTOMATIC** 

#### RAPID BLOCK PRODUCERS—THE BIG MONEY

If TIZETH UNITED EVILUIBLE DUILDING DELVER MADIFIED MULTIPLE HILLIAGE and prized on the following three pages represent the very highest type of relopment in concrete building block machinery, and so far as we know they are the only city sufernatic block machines on the market at the present time. They are the only city sufernatic block machines on the market at the present time. They are automatic spening and closing, they are locked suffernation; rigidly and onen without jarring, and because the shape of the corns is such that no plant is required before the cores are entered into the mould, consequently there is no distanced parting line shows the cores to cause the block to crack, as there is in blocks in other machines. It is the hard samped parting line and the jarring of the machine turning and c; cning the mould which breaks the blocks and causes the greatest side for the block maker who uses the usual type of machine. There is none of this block in the Wizard.

as strictly a one-man machine; such as an ordinary machine costing and we believe as rapidly as two men can operate an ordinary machine costing twice as much as we ask for the Wizard. This is what the automatic features accomplish for you; in other words, we furnish you a machine at about one-hal the price others ask, with which you can make blocks about twice as fast as or machines

THE FOLLOWING ILLUSTRATIONS show fourteen different dealigns
THE FOLLOWING ILLUSTRATIONS which can be made on either at
Wizard Building Block Machines, with the face plates and end doors for which we
patterns and whenever a new dealign becomes popular we shall add it to our an
illustrations show blocks with two sorrs, as made on the 16-lach machines. The bit
on the 24-lach machines have slopes served a thorst in a short of the state of the sta illustrations show blocks with two cores, as hade to the x-on the X-inch machines have three cores, otherwise their in these illustrations. Blocks made on the Wisard machine or core space and 65½ per cent concrete material, this recognized as requisite for proper surength in the block places for makine one half block and two quarter blocks and three fitteen illustrations, can be furnished for elidifurent designs. The requiar outly with each machine the doors for mashie standard plain face blocks and a get of its price for each additional act ordered.









Tooled Edge Rock Face















Water Table Face



Cobblestone Face.







#### OUR MACHINES MAKE THE BLOCKS FACE DOWN.

rise standard block can be made, using fine material for the face and coarse material for the face and coarse material for the standard block. You can make the face mixture as rich as you wish and the body mixture in the smallest amount of ement allowable, thus producing a high class beautifully faced class the least possible cost. You can make blocks of any desired color in the face mixture awithout wasting coloring mater in the body of the block; and with as perfect a machine as the Wisard is, using a correct mixture and tamping it properly; you are assured of a perfectly made and perfectly finished block every time.

THE SHADE SE THE GORDE 1



lectly mished block every time.

THE SHAPE OF THE CORES in blocks made Block Machines, as shown in this illustration, is radically different from that in general use. Most machines make blocks with square cornered cores, compelling the operator to tamp the mixture next to the face of the block before the cores are inserted in the mould, thus leaving a hard tamped parting near the core line of the block which makes it weak and flable to crack or separate. This parting line and the square core corners are the causes which result in cracked blocks and only a very slight for a required to crack the blocks under these circumstances, elliptical. This allows you to lay the face material, insert, are material before starting to tamp, because in the tamposes and the mixture is tamped in the face of the block and my other part of the block and without any tamped parting its start cracks and the arched torm of the core sides adds.

E REGULAR OUTFIT

window BLOCK ATTACHMENTS. Buy windows are generally a WINDOW BLOCK ATTACHMENTS. But an angle of 45 degrees



FOUR-INCH COURSE BLOCK ATTACHMENTS full height blocks (8 inches) cambe used for beit courses and while is most generally used for this purpose, it is frequently desirable to win hereat for belt and trimming courses. These 4-inch blocks core an also with 8-inch blocks to obtain a broken ashler effect in the wall. We can fur attachment with either Wisard or Buckeye building block machines. A tachment consists of a face plate for making two whole blocks, a face plate for making two half and four quarier blocks, as a pair of return end doors, four dividing plates for making the half and quarter blocks, and two dividing pallets for the Mength of the blocks. As you will note we only furnish two dividing pallets with the attachment, but you will require as many dividing pallets as



CIRCLE BLOCK ATTACHMENTS. LUCK ATTACHMENTS. Circular bay windows, or swell es. We can furnish with either Wizard or Buckeye building blocks radius and 12-foot radius circle block a statchments in the two palo face and rock face and in the water table design, but ment for each different radius and face design. A circle block are considered for making whole blocks and a pair of core end doors ractional blocks. When ordering be careful to tell us which design but want and to allow our catalogue price for the outst.

The regular outfit of our Wizard

# WIZARD CONCRETE ILDING BLOCK MA

A 8x8x16 INCHES

> COMPLETES WITH

BIG OUTFIT

As listed and described on page 577.

## THE WIZARD IS THE BEST

CONCRETE BUILDING BLOCK MACHINE MADE

It contains all up to date scientific improvements known to this class of machinery. In offering you this high grade machine, we claim it has no equal and that it is superior to concrete block machines which are sold ——as high as from \$100.00 to \$200.00.

THIS ILLUSTRATION shows a Wizard Concrete closed and ready to receive the concrete material for making the block. Observe its compact construction and note that every part is mechanical in detail; that is, it will automatically accomplish the work itself with but little assistance from the operator. These machines should not be confused with many concrete block machines of other makes, which are no more than mould boxes, flasks and forms. The Wizard is made to perform practically all the work and not you, and such a valuable consideration, together with many other superior qualities, places the Wizard in a higher class than so called concrete block machines which are only mere contrivances made to assist hand labor. We give you a machine which will do the work in greater proportion and much faster than it can be accomplished by any other method.

THE FRAME with ribs and braces which prevent the flask or mould from jarring, sagging or shifting when the block is being made. A large percentage of blocks are broken during the process of their machine they are made on is too weak to prevent the jarring of the flask. A mere glance at the Wizard will show the substantial construction of the frame of our machine, which eliminates all possibility of blocks or mould.

THE FRAME (No. MOULD is constructed according the flask or mould.

THE FLASK OR MOULD is constructed accordance down principle. All parts of the flask or mould swing from perfect cenflask or mould swing from perfect cen-ters which gives the mould a perfectly square shape when it is closed and completely re-leases the block when the mould is opened. The face down feature of the mould gives the block a sharp and compact face, enables you to obtain a better proportioned mixture and makes it necessary to use coloring only for the face of the block. It also makes it possible to use a fine quality of mixture for the ace of the block and a coarser mixture for the body of the block. The mould is proportioned so as to permit the proper percentages of air space and bearing area, making them about 23½ per cent air space are cores and 56½ per cent bearing surface. All parts of the mould which are put into action during the process of making a block, work automatically in opening and closing the form; this is produced by their sennect to n

ERS are two

In unmber and are used by the
operator in turning the second forward in the course of releasing the
block ward to the course of releasing the
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THE CORES ARE TWO IN

NUMBER on the 1s-lach machiae weed on the 2st-lach machiae weed on the 2st-lach machiae. They are shaped in such a mainer as to allow the portunity to follow the surface of the cores to a point the being tamped ample opthe cores. This shape of core is very surerior to all others because it fives the block arases all recitly under the cross soft armness directly under the cores and sumicient strength to the the ploces, which eliminates all Eability of the blocks tracking or breaking while being removed from the which swings between a year. This prevents binding when they are being withdrawn by the extractor.

OUR AUTOMATIC CORE EXTRACTOR is a wonderful imorn concrete block machinery. The old way of extracting the cores
by hand, weights and levers has been overcome by this our modern
method. It takes a great deal of time to inaert and extract the cores by
hand and it is hard work, considering the way the concrete material is
tamped around the cores. OUR WIZAED CONCRETE BLOCK
MACHINE is provided with this automatic core extractor write
extracts the cores automatically when the flask is turned over to
release the stone and the simple act of stepping on the foot treadle
inserts the cores when the mould is turned back for the tamping of
the concrete mixture for a new block.

THE REGULAR OUTFIT we furnish with this machine is
as Bay Window, Circle Block and 4-Inch Course Block Attach
ments, are extra and are furnished only when ordered and proper price
allowed. The regular outfits furnished with the machines are illustrated
and described on the following page.

THE SHELF adds a valuable feature to our Wizard machine. The
operator in making a block can use only one tool at a time
and the shell is a most convenient place upon which to place the remaining tools
and keep them within easy reach when he wants to use them
making it necessary to look for them when they are
wanted. All of this takes time and you can easily
see the great amount of time and stooping that is
wanted. All of this takes time and you can easily
wanted. All of this takes time and you can easily
see the great amount of time and stooping that is
maved by this shell.

THE PALLET is an important

maved by this shell.

THE PALLET is an important block machine because much depends upon it. Weak and uneven patel of sentrets the blocks. Wood paliets will warp and trust out of shape and they become too ferible. We have provided our winard machine with cast iron paliets of proportionate weight and strength. These paliets have bandles on them so that the operator needs no carrying device to fit the block out of the machine and carry it away. Twenty-five paliets are furnished with each machine but you should have as many paliets as you wish to make blocks per day.

THE WITARN HAC MA care

THE WIZARD HAS NO COM-PLICATED ADJUSTMENTS

such as are found on concrete block machines of other makes. There are no gears, spreckets, ratchets, springs, acrews or slides to get out of order or dog up with concrete springs, screws or slides to get mixture when you are at work. In order to obtain the full capacity from any concrete block machine, it is necessary that the machine shall work smoothly and without a hitch, for should you have to stop in the solds of your work to adjust complicated parts and clean geam, ratchets or slides which become clogged up with concrete mixture that spills over the edge of the should during the tamping of the block, you cannot receive the full capacity of the machine. It is well to consider that your profit depends upon the quality and number of blocks your machine makes in a fair day's work and when you own a Whard Concrete Building Block Machine you receive than full benefit from your investment and labor and greater value than is given by any of the received.

YOU SAVE ENOUGH

YOU SAVE ENOUGH IN
LABOR on our Wixard Concrete
the machine has laty days. Once
man can make blocks on our Wisard
machine shout as fast as two men can
make them on any other concrete
block machines make blocks, but few adde
from the Wixard make perfect blocks, and so other
machine will make them so rapidly and with as little
exertion and expense on the part of the operator as the Wixard. We know of several
instances where one man has made a perfect block on the Wixard in one uninute's
times. We do not mean to may that everyone under all conditions can make a block
for every minute of the working day, but wesimply mean to illustrate the speed of which
the machine is capable and the great amount
of the machine is capable and the great amount
of the machine is capable and the great amount
of the machine. If it takes two man to operate
other makes of concrete block machines in
order to get a fair, reduct for one day's
work and the cort of short to do the work is
approximately \$2.00 per day for every day you use a
man to awist, you so the price of the machine and you will had that it will make the
machine an expensive one. You buy our
Wisard Concrete
Block Machine and you one of the other machine. You awe
that \$2.00 a day that you would have to pry for the extra man had one the other machine.

Wisard Concrete
Block Machine and you can be only one of the other machine.

You awe
that can be applied to your set profits a bould you choose to operate the Wisard Ococrate
Block Machine with two men you can do so and by so doing you will double its expacity.

# UNIQUE PORCH COLUMN, PIER, L AND BALUSTER MOUL





WE ARE OFFERING our Unique Porch Column Pier, complete in either of two designs for about one-third what others ask for an outfit not half as complete as this one. The swith conducts of 1 2-foot Plain Column Mould with fluid attachment for making plain and fluide columns; I Oranmental Column Capital is either lonic or Gothk; designs 1 O. Q. Round Column Base Mould; I O. Q. Square Pier Base Mould; I Pier Body Mould in choice of designs; I Pier Cap Mould in either Pisin or Erg and Dart designs; I Pier Cap Mould in either Pisin or Erg and Dart design. The ten small illustrations on this page abow the complete outsi of moulds and the two column mould in complete outsi of moulds and the two column mould in complete for making plain or fluide dolumns so that it make no officernoe how you order this part, because it is furnished complete on this part, because it is furnished complete, so that you can make a fluid column with or without ornamental pier or rail, or you can make a fluid column with or without ornamental pier or rail, or you can make a fluid column which of without ornamental pier or rail, or you can make a fluid column which of the pier Body are as follows:

THE VARIOUS DESIGNS of moulds for the Pier Body are as follows:



THE VARIOUS DESIGNS of moulds for the Pier Body are as follows:
THE VARIOUS DESIGNS of moulds for the Pier Body are as follows:

American Rock Face, and Bush Hammer Face designs. The design of Pier

Cap is Plain and Egg and Dart Moulding. The design of Top Rall is Plain

and Egg and Dart Moulding. The design of Column Capitals are Gothic and

lonic. In ordering your outht or separate moulds, state the size of column

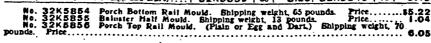
wanted and the design of various moulds wanted.

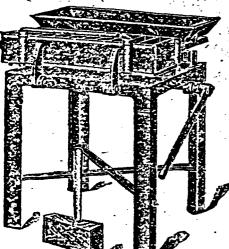


Fluted Column with Gothic Capital, Rock Face Pier, and Egg and Dart Pier Cap and Rail. CONTRACTOR OF THE SECOND PROPERTY OF THE PROPE

SEPARATE MOULDS O. O. Round Column Base Mould
Combination Plain and Fluted Column Mould
Ornamental Cap Mould (Gothic or Ionic)
O. O. Pier Base Mould
Pier Body Mould, (State design wanted)
Pier Cap Mould (Plain or Egg and Dart)

FOR 12-INCH COLUMN FOR 10-INCH COLUMN Catalogue No. 1ba. Price Price Plain Column with lonic Capital, Panel Pier, and Plain Pier Cap and Rail.





HOME UN

CONCRETE BRICK IS JUSTLY POPULAR because it replaces the common clay and more durable than the clay brick. Concrete brick possess the same qualities as do concrete blocks. They become harder by age and cannot be destroyed by fire. Concrete brick buildings, because through severe fires, such as the Bailtings together with concrete block and grout buildings, have lived through severe fires, such as the Bailtings of the property of the property

for concrete which will be experience of many will be for making concrete. This has been the experience of machines for making concrete brick machine, and as they had no facilities for making concrete brick machines.

THE COST OF CONCRETE BRICK is about 30 per cent less than common clay possessing one of our Handy Two-Way Ten-Brick Size Machines.

THE COST OF CONCRETE BRICK is about 30 per cent less than pressed clay brick. It takes about \$4.50 worth of material to make 1.000 concrete brick, and if the cost of labor on our Handy Two-Way Ten-Brick Size Machine is \$1.20 per 1.000 brick, the cost of 1.000 concrete brick made on the Handy machine, including material and labor, would be \$5.70. The average cost of common clay brick is \$8.00 per 1.000 and the average cost of pressed clay brick is \$1.00 per 1.000. These figures, which are taken as an average cost in different localities, would make the cost of concrete brick sale of the service of the cost of concrete brick machine, which make the cost of concrete brick sale pressed clay brick.

YOU RECEIVE TWO MACHINES IN ONE machine that will make bricks on either the face down or face are principle. Brick machines which are sold by others make brick only one way, dither on the face down principle or face up principle, and even then they ask over twice the price we ask for our Handy Two-Way Ten-Brick Size Machine.

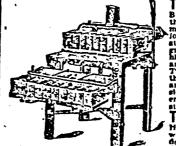
A PERFECT IMITATION

OF THE FINEST

THE QUALITY AND FINISH of our Handy Two-Way Ten-Brick Size Machine and are politabed to a rinders to exact dimensions and are politabed to a rinders to exact dimensions and are politabed to a rinders to exact dimensions and are politabed to a rinders to exact dimensions and are politabed to a rinders to exact dimensions and are politabed to a rinders to exact dimensions and are politabed to a rinders to exact dimensions and are politabed to a rinders to exact dimensions and are politabed to a rinders to exact dimensions and are politabed to a rinders to exact dimensions and are politabed to a rinders to exact dimensions

or Handy Two-Way Ten-Brick Size Machine, because you can use a colored and better ality facing on this machine when the bricks are made on the face down principle, a same as concrete blocks are made on our Wizard Concrete Black Alachine, a same as concrete blocks are made on our Wizard Concrete Black Alachine, a slinger any style ornamental design brick can be made on this machine, because it is one face down principle. You can make a common concrete brick that is not finished on a lead of Two-Way Ten-Brick Size Machine also. Bricks of this character are used for filling purposes or the building of back walls, or walls which do not require a finished pressed or brick. This style of brick is made on the face up principle and they are made directly the pallet. This method of making the brick increases the output about 1,000 brick a 7 nore than the face down puthoffle way, because it is less work than the face down whole and does not require the turning of the machine over to relieve the brick, as is quired when the machine is operated on the face down principle.

YOU DO NOT WANT TO FILL AN ORDER with faced brick when it calls have only been paid the price for common brick and when you have only been paid the price for common brick and your customer would not feel paid if you filled his order with common brick when he ordered faced brick and he paid you for faced brick quality. Well, that is what you would have to do if you possessed the brick hardlines sold by some others, herause it would be one of the two principles either face down or face up or you would have to own two different machines at an investment equal to the price of four of our landy Two-way. Ten-Brick Size Machiner. With our Handy Two-way. Ten-Brick Size Machiner. With our Handy Two-way Ten-Brick Size Machiner. With our Handy Two-way and the price Size Machiner.



Int SAME GUARANTEE is give than the second of the second o

Exhibit #3 1-22-85

#### REGISTRAR'S BUILDING Deer Lodge January 18, 1985

The original building was built in 1918 using cast-stone material. The cast-stone blocks are made up of a rich cement mixture with marble dust on the face. The body mixture is made up of a larger aggregate and as little cement as possible so the center of the block is more of a filler.

The problem with this type of block is that the porous filler material absorbs water and when the surface freezes it causes chipping and crumbling of the harder surface of the block. This is the problem we are experiencing.

Many of the blocks are literally falling apart. It was becoming so dangerous for people entering or leaving the building that we had a contractor remove the loose material in July of 1983. He hauled away about a half-pickup full of rubble. Refer to page 7 of the enclosed report. A part of one of the blocks that probably weighed about 20 pounds was lifted from the wall above the doorway of the Personnel Office. If the door had been slammed enough times the jarring would have eventually worked the broken part loose and it could have fallen on someone's head.

On page 8, figure 7, you can see where the masonry on the cornice is falling off. Some pieces are as big as my hand and someone could be injured if the piece went flying through the air during a strong wind. Figure 8 shows the cracking of the stone surface caused by the absorbent filler after freezing. Page 9, figure 9 shows fissuring of the sill. Page 10, figure 12 shows an example of the inner filler. More damage on pages 11 and 12.

Page 16 and 17 lists the architect's recommendations and cost estimate. The building is an historical one and would have to be restored to its original appearance. The cost of the restoration could be less than a lawsuit if someone were injured by falling debris.

OFFICE (406) 846-1423



DARYLL E. (BUD) SCHOEN
CHIEF, REGISTRAR'S BUREAU
DIVISION OF MOTOR VEHICLES

DEPARTMENT OF JUSTICE DEER LODGE, MONTANA 59722

# Exhibit #4

#### BUILDING PROGRAM REQUESTS DEPARTMENT OF STATE LANDS 1985-1987 BIENNIUM

The Department of State Lands has requested \$263,183 for the biennium to carry out four projects. We understand that our projects did not have a high enough priority to be funded from available funds.

The Department of State Lands asks that this committee consider a request of \$44,000. This request would allow the Department to replace fire-crew quarters at two of our fire stations. These quarters are currently excess federal property house trailers which were pretty well worn out when we received them from the federal government. These trailers are exceptionally dangerous due to outdated wiring and the rapid flammability of mobile homes.

With the assistance of the Swan River Youth Camp carpentry crew handling the woodworking and commercial contractors handling plumbing and wiring, we estimate the crew quarters can be replaced for \$44,000.

We appreciate your support.



## The Big Sky Country

#### Montana State House of Representatives

January 21, 1985

Representative Robert Thoft Chairman Long Range Planning Subcommittee State Capitol Building Helena, MT 59601

Representative Thoft,

The Natural Resources Subcommittee received a request for \$100,000 from the Department of Agriculture for remodeling of their lab in Bozeman. \$80,000 of this would come out of the General Fund and \$20,000 would come out of Feed and Fertilizer.

The Natural Resources Subcommittee thinks this is a high priority as the current lab poses a threat to human health.

As this is a building project, we feel this should be handled by the Long Range Planning Subcommittee.

Sincerely,

Rex Manuel, Chairman

Natural Resources Subcommittee

RM/ss

Exhibit #6 1-22-85 O'Connell

#### CAPITAL LAND GRANT Funds Flow Analysis January 1985

	FY 1985	FY 1986	FY 1987
Cash Beginning Balance	\$681,149	\$621,551	\$531,553
Less obligations for: Debt Service		(734,998)	
General Services Division Centennial Center Planning		( 55,000) ( 25,000)	
Plus estimated receipts from: Land rentals, royalties, leases	725,000	725,000	725,000
Cash Balance at Figcal Year End .	\$621,551 -	\$531,553	\$465,555

### Exhibit #7 1-22-85

#### RECEIVED

#### MONTANA ARTS COUNCIL

TED SCHWINDEN, GOVERNOR

35 SOUTH LAST CHANCE GULCH

(406) 444-6430

HELENA, MONTANA 59620

DATE:

January 18, 1985

TO:

Project Directors- Applicants for Cultural and

Aesthetic Project Grants

FROM:

Bill Pratt, Director of Organizational Services

RE:

Legislative Hearings on Cultural and Aesthetic

Project Grant Applications

The Long Range Planning Committee of the Montana Legislature will be holding hearings on Cultural and Aesthetic Project Grants at the State Capitol Building in Helena on:

Wednesday- January 23, 1985, 8am-noon, Room 420 6pm-10pm, Room 108

Thursday- January 24, 1985, 8am-noon, Room 420 January 24, 1985, 6pm-10pm, Room 108

Friday-January 25, 1985, 8am-noon, Room 420

The date on which you are scheduled to testify is specified on the attached sheet. If you plan to testify regarding your grant, please confirm your participation in the hearing with: Madelyn Quinlan-Legislative Fiscal Analyst Office-406-444-2986.

You will have ten to fifteen minutes to present information about your grant. Please bring any published materials you think will help the legislative committee in its deliberations. If you wish to present audio-visual material, you will be responsible for obtaining, setting up and running the equipment.

If you have applied for more than one grant, you will be able to testify on all of them at one time if it is your preference.

# RECEIVE

#### MONTANA ARTS COUNCIL

JAN 2 ... 1985

LEGISLATIVE FISCAL ANALYST 35 SOUTH LAST CHANCE GUICH



TED SCHWINDEN, GOVERNOR

## STATE OF MONTANA

(406) 444-6430

HELENA, MONTANA 59620

#### HEARING SCHEDULE FOR THE FOLLOWING GRANT APPLICANTS:

----TESTIMONY WILL BE HEARD-----

WEDNESDAY - JANUARY 23, 1985 - 8:00 a.m. to 12 Noon - State Capitol Bldg.

ROOM 420

			4-ART	H-HISTORY	AMOUNT	
APP	ORGANIZATION	PROJECT TITLE	B-ART	& HISTORY	RECOMMENDED	ORGANIZATION C
199	SHAKESPEARE IN THE PARKS	SUMMER OF 85 & 86 TOUR		A	40000	BOZEMAN
143	DEPT. OF DRAMA DANCE	MONTANA REPERTORY THEATRE		A	82400	MISSOULA
147	WATERSHED FOUNDATION	FROM BUTTE TO TOKYO: MT'S MIKE MANSFIE	ELD	Н	25000	MISSOULA
114	MONTANA PERFORMING ARTS CNSRT	RURAL & EMERGING PERFORMING SPONSOR DE	EVL	A	20930	HELENA
127	AD HOC FOR MT WRITER ANTHOLOGY	MONTANA WRITERS ANTHOLOGY		В	33920	BONNER
116 162	KUFM VIGILANTE PLAYERS, INC.	MONTANA GALLERY PROFESSIONAL TOURING THEATRE TROUPE		A A	21965 25608	MISSOULA BOZEMAN
166	DEPT OF THEATRE ARTS	MONTANA PLAY CREATION PROJECT		В	24300	BOZEMAN
113	MONTANA ART GALLERY DIR ASSOC	A MONTANA SHOWCASE: EXHIBITIONS/CATALO	)6S	A	35000	BILLINGS
141	LOGON	TECHNOLOGY & AESTHETICS IN CHANGING CL	JLT	A	10000	BOZEMAN
167	RESERVATION-WIDE ED COMMITTEE	MONTANA INDIAN ARTIST PROJECT		Α	10000	HARLEM
138	CENTER FOR PUBLIC VISION	MONTANA'S LIVING HISTORY		B	40000	BOZEMAN
132	KGLT-FM	CORPS OF DISCOVERY: LEWIS & CLARK IN	MT	Н	· 8968	BOZEMAN
139	DEPT OF DRAMA/DANCE	MAGIC MOVERS		A	7500	MISSOULA
121	HOWARD, STANLEY W.	HISTORY OF IRRIGATION PRACTICE IN MT		н	2500	HELENA
110	MONTANA HISTORICAL SOCIETY	PLAN FOR MONTANA MUSEUM OF AGRICULTURE	:	н	35500	HELENA



TED SCHWINDEN, GOVERNOR

35 SOUTH LAST CHANCE GULCH

## STATE OF MONTANA

(406) 444-6430

HELENA, MONTANA 59620

#### HEARING SCHEDULE FOR THE FOLLOWING GRANT APPLICANTS:

----TESTIMONY WILL BE HEARD-----

WEDNESDAY - JANUARY 23, 1985 - 6:00 p.m. to 10:00 p.m. State Capitol Bldg.

				H-HISTORY & HISTORY	AMOUNT RECOMMENDED	ORGANIZATION CITY
APP	ORGANIZATION	1100001 11100	D- MICI	& HEGIONI		
167	VERY SPECIAL ARTS MONTANA	VERY SPECIAL ARTS MONTANA		A	10000	MISSOULA
122	MONTANA ASSOC OF SYMPH ORCH	STATEWIDE LEADERSHIP TRAINING CONFEREN	NCE (	A	7000	BILLINGS
<b>0</b> 98 .	OWL CREEK PRESS	THE WESTERN HERITAGE SERIES	. :	B	8	MISSOULA
125	MONTANA INTER-TRIBAL POLICY BD	HIST CONTRIB OF MT INDIANS TO AMER SO	C i	Н	0	BILLINGS
294	FOX THEATRE CORP.	RENOVATION OF THEATRE		A	103900	BILLINGS
142	UPPER MUSSELSHELL HIST SOCIETY	RESTORE ENTRYWAYS OF TIMES BUILDING		Н	2000	HARLOWTON
165	ARCHIE BRAY FOUNDATION	CONVERT WAREHOUSE TO STUDIO SPACE		Α	8866	HELENA
158	YELLOWSTONE ART CENTER	CONTEMPORARY MONTANA ARTISTS		A	42000	BILLINGS
108	CULBERTSON LIBRARY BOARD	CULBERTSON LIBRARY RENOVATION		В	3747	CULBERTSON
118	LAURIE HILL LIBRARY	BOOK PURCHASES		В	3000	HERON
289	H EARL CLACK MUSEUM	WAHKPA CHU'GN KILL PRES & MUSEUM EXP	AN	Н	30000	HAVRE
131	HAVRE-HILL COUNTY LIBRARY	ONE LIBRARY FOR HILL COUNTY		В	42000	HAVRE
111	HELENA CIVIC CENTER	AUDITORIUM ACOUSTICAL IMPROVEMENT PR	OJ.	Α	37000	HELENA
091	GARFIELD COUNTY MUSEUM	ADDITION TO THE BUILDING		н	5000	BRUSETT
103	COPPER VILLAGE MUSEUM/ART CNTR	ANACONDA CITY HALL RESTORATION & REUS	SE	В	42000	ANACONDA
124	STACEY HIST, CULT & MEM HALL	STACEY HIST, CULTURAL, & MEMORIAL HA		В	15000	VOLBORG



TED SCHWINDEN, GOVERNOR

35 SOUTH LAST CHANCE GULCH

## STATE OF MONTANA

(406) 444-6430

HELENA, MONTANA 59620

#### HEARING SCHEDULE FOR THE FOLLOWING GRANT APPLICANTS:

----TESTIMONY WILL BE HEARD-----

THURSDAY - JANUARY 24, 1985 - 8:00 a.m. to 12 Noon State Capitol Bldg.

		· · · · · · · · · · · · · · · · · · ·	A-ART H-HISTORY	AMOUNT	
4PP	ORGANIZATION	PROJECT TITLE	-ART & HISTORY	RECOMMENDED	ORGANIZATION CITY
117	BROADWAY 215, INC.	BROADWAY 215	B	42000	BUTTE .
149	CARBON COUNTY ARTS GUILD	VITAL ACCESS	A	6000	RED LODGE
133	POWELL CNTY MUSEUM & ARTS FNDN	RENOVATE OLD PRISON ADMN BLDG FOR MUS	SEUM H .	35000	DEER LODGE
154	BEALL PARK ART CENTER	ENERGY CONSERVATION	Α	15000	BOZEMAN
102	GARNET PRESERVATION ASSOC.	DAHL CABIN AND SALOON RESTORATION	н	20000	MISSOULA
146	BLAINE COUNTY PUBLIC TV, INC.	PUBLIC TV FOR BLAINE COUNTY	B	0	CHINOOK
161	PARMLY BILLINGS PUBLIC LIBRARY	SECURITY FOR RUSSELL & SHARP PAINTING	S A	0	BILLINGS
123	MADISON CNTY - WATKINS MUSEUM	SAVING HERITAGE FOR FUTURE GENERATION	S H	0	VIRGINIA CITY
119	LEWISTOWN ART CENTER	COMPLETE & IMPROVE LEWISTOWN ART CENT	ER B	2	LEWISTOWN
297	EASTERN MONTANA COLLEGE	CAMPUS GALLERY EXPANSION & RENOVATION	Α	e	BILLINGS
128	BISFORM SUMMER PLAYHOUSE	A NEW PERFORMING ARTS COMPLEX	Α	9	BISFORK
:28	BROADWATER FRODUCTIONS	GRANDSTREET THEATRE RENOVATION	A	Č	HELENA
160	SUNNYEIDE LIBARY	CULTURE, COMPUTERS AND LIBRARIES	В	2	WORDEN
155	BEALL PARK ART CENTER	COMPLETION OF RENOVATION	Α	8	BOZEMAN
157	BUTTE-SILVER BOW PUB LIBRARY	PUBLIC MEETING ROOM IN THE LIBRARY	Α	2	BUTTE
163	GOLDEN VALLEY HIST SOCIETY	BUY LOT FOR FUTURE BUILDING SITE	Н	6	LAVINA



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----TESTIMONY WILL BE HEARD-----

THURSDAY - JANUARY 24, 1985 - 6:00 p.m. to 10:00 p.m. State Capitol Bldg.

		ŀ	A-ART H-HISTORY	AMOUNT	
APP	OREANIZATION	PROJECT TITLE	YROTZIH & TRA-9	REQUESTED	
151	WESTERN HERITAGE CENTER	MT UNDERGROUND COAL MINING COMMUNITIE	s H	8172	BILLINGS
136	RATTLESNAKE PRODUCTIONS, INC.	VISIONS OF 20TH-CENTURY WARRIOR	B	33960	MISSOULA
295	HELENA FILM SOCIETY	OPERATIONAL SUPPORT	Α	25000	HELENA
296	EASTERN MONTANA COLLEGE	CONSERVATION: CHARLES BARSTOW COLLECT	ION B	14770	BILLINGS
135	UNIVERSITY OF MONTANA	CONSERVE & PREPARE PERMANENT ART COLL	ECT B	30000	MISSOULA
144	MINERAL CNTY MUS & HIST BOARD	PIONEER PRINTS	н	3900	SUPERIOR
126	FINE ARTS GALLERY	A MONTANA COLLECTION: A PUBLIC TRUST	. B	30000	BOZEMAN
140	POLSON CITY LIBRARY	MONTANA & LOCAL HISTORY COLLECTION	H	1000	POLSON
150	ROCKY BOY TRIBAL HIGH SCHOOL	VOICES & IMAGES OF THE ROCKY BOY ELDE	RS H	20000	BOX ELDER
130	HOCKADAY CENTER FOR THE ARTS	RENOVATION OF HOCKADAY CENTER	В	42000	KALISPELL
129	CUSTER COUNTY ART CENTER	THE NATIVE AMERICAN VISUAL ARTS & MT	A	13620	MILES CITY
293	PARIS GIBSON SQUARE	THE ORGINS OF MODERNIST ART IN MONTAN	IA A	17000	GREAT FALLS
127	BOZEMAN WOMEN'S HISTORY GROUP	VIDEO; LIFE OF ELDER WOMEN ALONE ON F	FARM H	15773	BOZEMAN
112	YOUNG AUDIENCES OF WEST. MT	PERFORMING ARTS PROGRAM FOR KIDS	A	15000	MISSOULA
104	MONTANA SCHOOL OF CREATIVE ART	OPERATIONAL COSTS	A	13300	HELENA
148	HUNTLEY PROJECT SCHOOLS	HISTORY OF THE NORTH WEST: MONTANA	н	1020	WORDEN



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#### - STATE OF MONTANA

(406) 444-6430

HELENA, MONTANA 59620

#### HEARING SCHEDULE FOR THE FOLLOWING GRANT APPLICANTS:

----TESTIMONY WILL BE HEARD-----

FRIDAY - JANUARY 25, 1985 - 8:00 a.m. to 12 Noon - State Capitol Bldg.

		· · · · · · · · · · · · · · · · · · ·	4-ART	H-HISTORY	AMOUNT	
APP	OREANIZATION	PROJECT TITLE	B-ART	& HISTORY	REQUESTED	
115	CARBON CNTY HISTORICAL SOCIETY	PLANS FOR ETHNIC, HIST., CULTURE CENTE	ER	В	7690	RED LODGE
159	FORT PECK TRIBAL ARCHIVES	FORT PECK RESERVATION CENTENNIAL		B	24680	WOLF POINT
105	FORT PECK TRIBES	ORAL TRADITIONAL CEREMONIAL SIGNIFICAN	NCE	B	5000	POPLAR
099	ARTS CHATEAU	EXPANSION AND RESTORATION		н	10000	Butte
106	GROWTH THRU ART	OPERATIONAL SUPPORT		A	10800	BILLINGS
152	RENNE LIBRARY	MONTANA VERTICAL FILE IN MICROFICHE		Н	10000	DOZEMAN
292	YELLOWSTONE CHAMBER PLAYERS	YELLOWSTONE CHAMBER PLAYERS CNCT SERIE	S	A	3500	BILLINGS
•45	MONTANA CHORALE	GLACIER CHORAL ARTS FESTIVAL - SUMMER	88	Α	0	GREAT FALLS
137	HUNTLEY PROJECT MUSEUM	PRES. THE ART OF EARLY CULT. ON THE LA	ND	H	9	BALLANTINE
153	FLATHEAD VALLEY COMM COLLEGE	NORTHWEST MONTANA PERFORMING ARTS CENT	ER	A	8	KALISPELL
<b>0</b> 92	HELENA TRADITIONAL JAZZ SOC.	HELENA JAZZ FESTIVAL		A	0	HELENA
164	STERLING RESTORATION, INC.	RESTORATION OF THE STERLING SETTLEMENT	•	Н	0	NORRIS
156	BEALL PARK ART CENTER	EXHIBITION & EDUCATION PROGRAM		A	0	BOZEMAN
839	UNIVERSITY OF MONTANA	MONTANA HUMOR		E	0	MISSOULA
134	LIVINGSTON MIDDLE SCHOOL	INTRODUCE PHOTOGRAPHY TO SCHOOL CHILDR	EN	A	2	LIVINGSTON
121	LAMBRECHT, RICHARD	CATALOGING ANCIENT INDIAN PETROGLYPHS		н	Ø	BILLINGS

#### VISITORS' REGISTER

#### LONG-RANGE PLANNING SUBCOMMITTEE

BILL NO.	DATE JANUARY 22, 1985						
SPONSOR							
NAME (please print)	RESIDENCE	SUPPORT	OPPOSE				
SUD SCHOEN	DEER LODGE	-					
Jon Donnell	Helma	/					
Randy Mosley	Helena	<b>√</b>					
THLHAUCK	HELENA	7					
Slavence Hester	Helena	1					
Mauri Eulialt	Helena						
CEAL ROLFF	BOZEMAN						
	-						
			-				

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

PLEASE LEAVE PREPARED STATEMENT WITH SECRETARY.