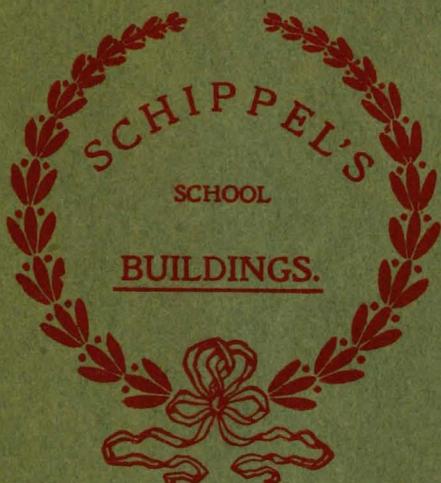


LB3221  
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Albert Schippel



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LB 3721  
.83

*This Book was Printed*  
—by the—  
**“MANKATO POST”**  
*128 East Hickory St.,*  
**Mankato. - Minnesota.**

—1905—

FIRST EDITION.

1300 Copies.

O. S. S. Sep. 26, 1903  
L. H. - open. 12, 03

# Schippel's School Buildings

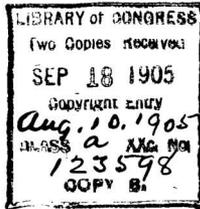
**I**n issuing this book, which contains some of my many studies for school buildings with floor plans, also views of churches and other buildings, noting the names of cities in which several of them have been erected, I hope to interest those who contemplate building.

I also make special mention of some of the different contractors and dealers in material, who have constructed buildings or furnished me with material during the past twenty years of my business experience in Mankato. If you are interested in building a new school, church, hospital, hotel or anything in the building line write to me for information and sketches.

---

..... "Entered according to act of Congress in the year 1905 by Albert Schippel in the office of the Librarian of Congress at Washington."

ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, - MINN.



WRITE

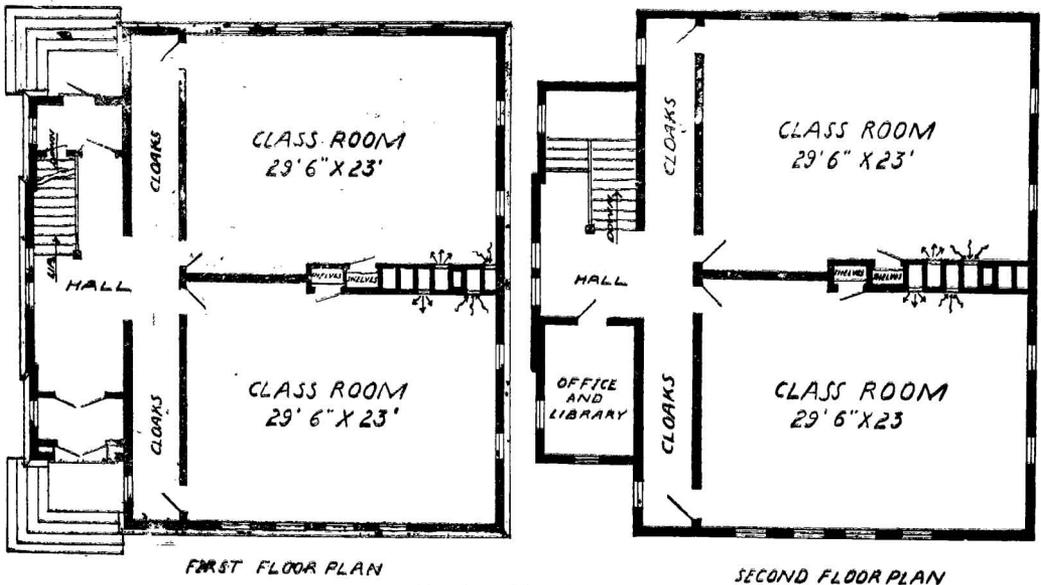
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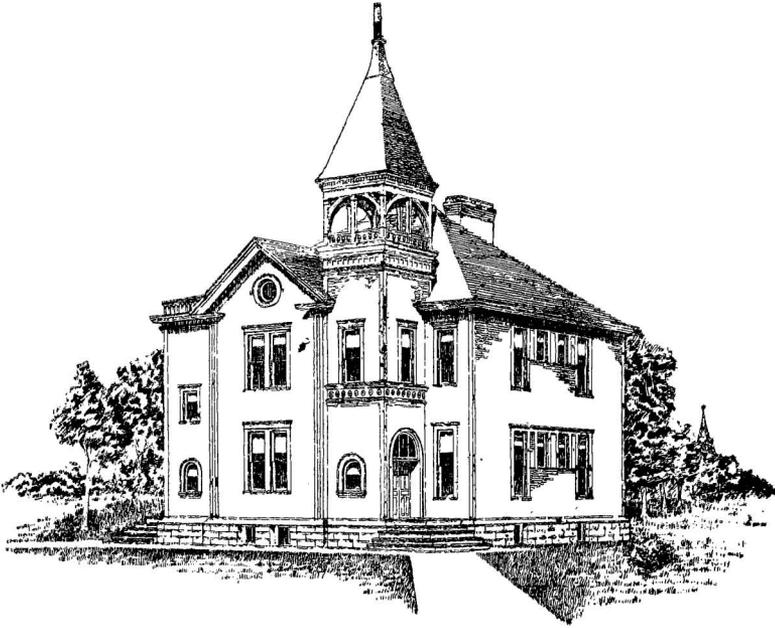


FIRST FLOOR PLAN

SECOND FLOOR PLAN

Design No. 410.

ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, MINN.



*Design No. 410.*

This is a four room school building with entrance at one side both front and rear, with hall and cloak rooms. Entrance to class rooms are direct from the main hall, also indirect from hall through cloak rooms. Each class room is sufficiently large to accommodate forty-five scholars each. A teacher's closet and flues for warm air heating and ventilating are provided for each class room; a library or office room 8x11 feet is provided on the second floor. It is intended to be built of frame with full stoned up basement 7 feet in the clear and first and second stories 12 feet each. Roof is intended to be shingled and exterior of building sided. Size 46x48 over all. This building was erected at a cost of \$4,500.00 without heating. This design built of brick is No 411. Price of complete working plans and specifications \$45.00.

This design for a larger frame school building is No. 418, has hip roof with Dormer windows, 9 foot basement, warm air furnace system, class rooms 34x25 with cloak rooms and library, cost \$7,000. Price of complete working plans and specifications \$60.00.

ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, - MINN.

# NATIONAL LEAD CO.,

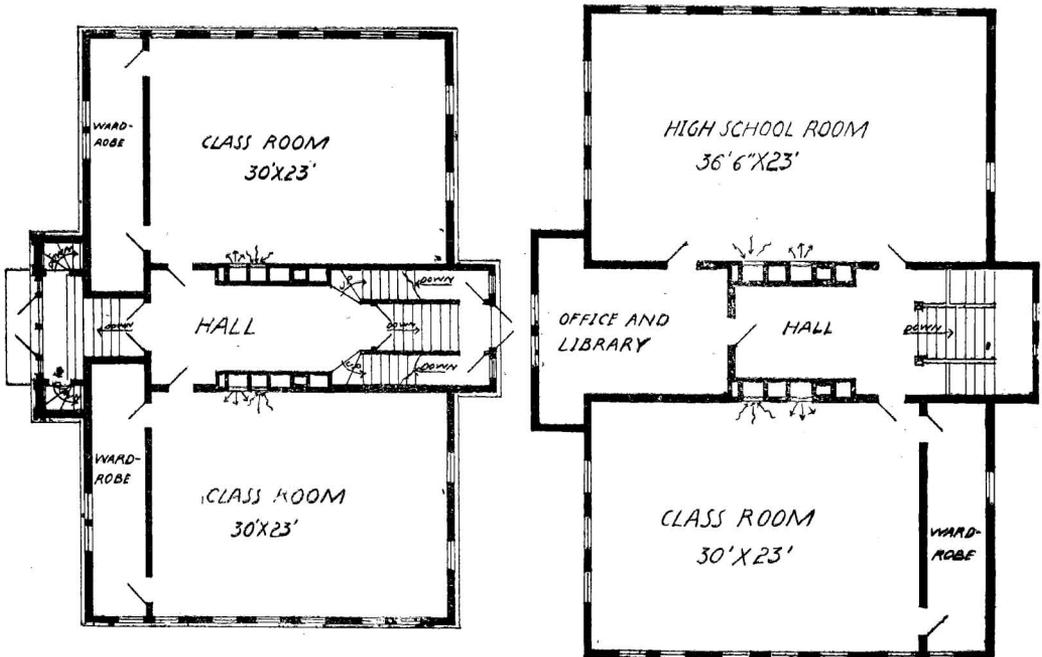
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*Corrodors and Manufacturers of the Well  
Known and Reliable*

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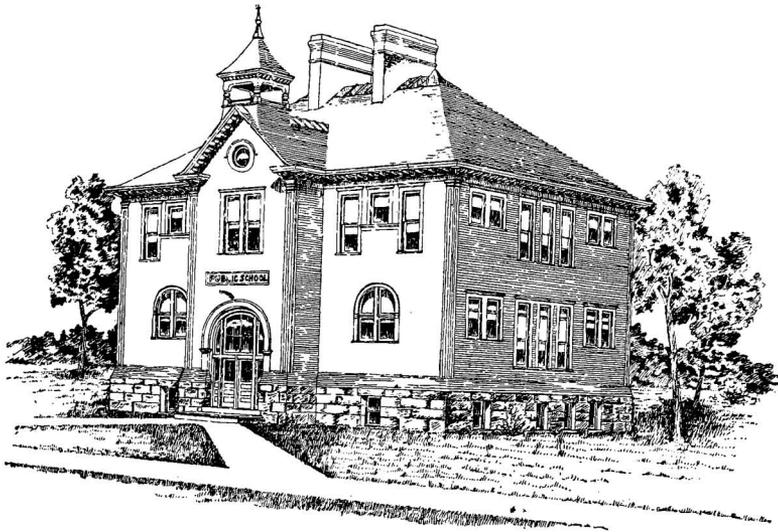


First Floor Plan,

Design No. 412,

Second Floor Plan.

ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, - MINN.



*Design No. 412.*

This is a four room school building with central hall with front and rear entrance and with separate entrances to boys and girls dry closets and play rooms in the basement. Entrance to class rooms are direct from the hall, the wardrobes or cloak rooms are spacious and provided with two doors each to be convenient for marching or for fire drill. Each class room is sufficiently large to accommodate fifty scholars each. A high school room with office and library and stacks for warm air heating and ventilation are provided. It is intended to be built of frame with full stoned up basement, 7 feet in the clear and first and second stories 12 feet each. Roof is intended to be shingled and exterior of building sided. Size 48x61 over all. This building was erected at a cost of \$5,600.00 without heating and dry closets. The cost of heating and dry closets was \$750.00. Price of complete working plans and specifications \$55.00.

ALBERT SCHIPPEL,  
 ARCHITECT,  
 MANKATO, - MINN.

## Are you going to Build?



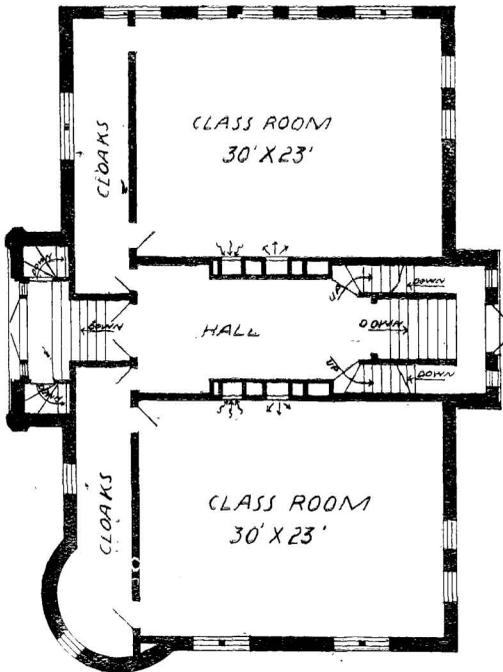
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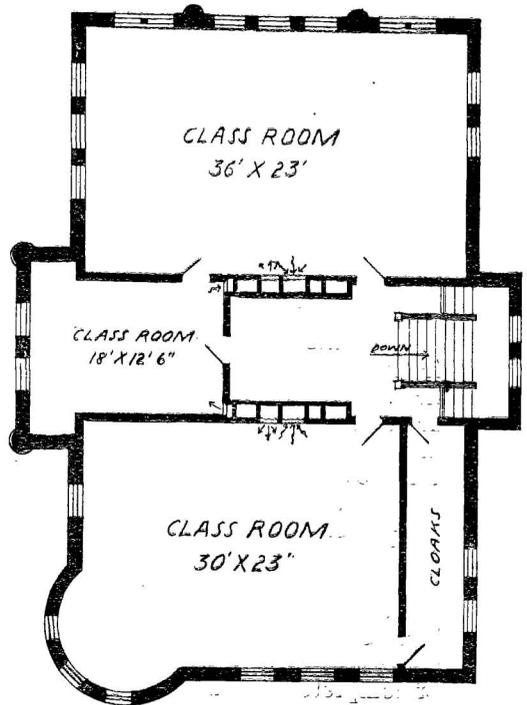
*James I. Foote, Gen. Mgr. and Treas.*

Miners and Exporters, Slatington, Pa.



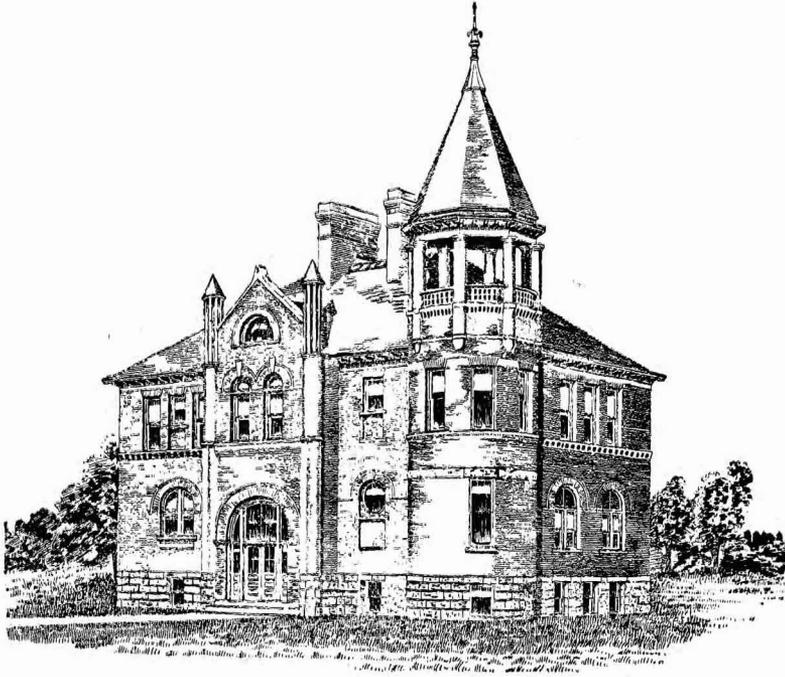
First Floor Plan,

Design No. 413,



Second Floor Plan.

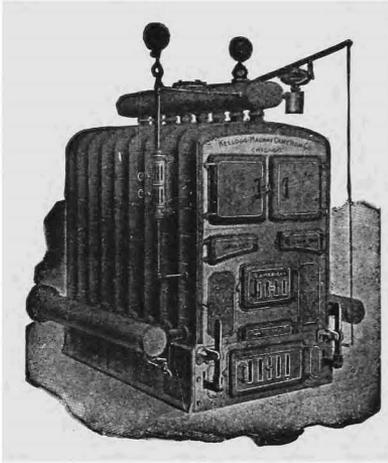
ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, MINN.



Design No. 413.

This is a four room school building with center hall 14 feet wide, with front and rear double door entrance, with separate entrances to boys' and girls' dry closets and play rooms in the basement. Entrance to first floor class room is made through the cloak rooms which are 5 feet 6 inches wide and connect with class rooms through two doors and entrance to class room on the second floor is through from the hall, also through the cloak room. The second floor also contains a high school room 36x23 feet adjoining class room 18x12-6. Each class room is sufficiently large to accommodate fifty scholars each. It is intended to be built of brick with hollow exterior walls. The principal walls on each side of hall and in front entrance and all basement walls are to be built of brick. All warm air and ventilating flues and stacks for warm air heating and ventilating provided. Built with full stoned up basement 9 feet in the clear and first and second stories 12 feet. Roof is intended to be shingled. The tower pilasters and tower cornice are to be of galv. iron, also a tinned deck with galv. iron cresting. This building was erected at the cost of \$6,500.00 without heating and dry closets, size 48x64 overall. Price of complete working plans and specifications is \$60 00.

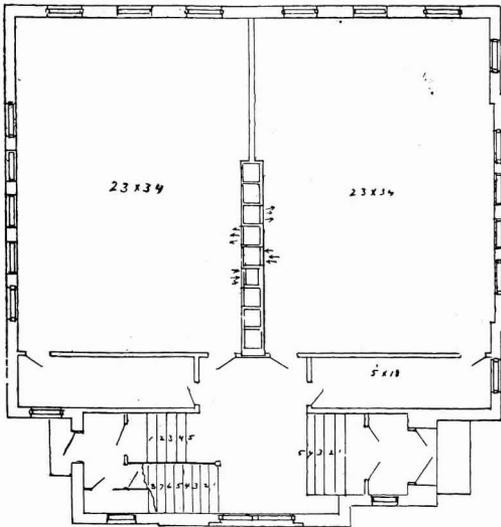
ALBERT SCHIPPEL,  
 ARCHITECT,  
 MANKATO, - MINN.



C. M. MASTERS,  
 Plumbing and  
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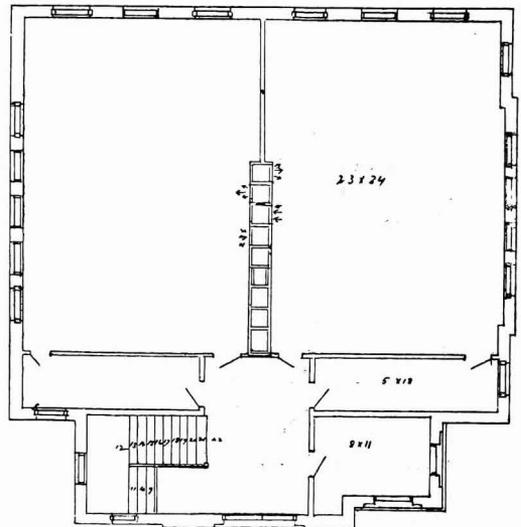
Installs Kellogg - Mackay - Came-  
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MANKATO, MINN.



First Floor Plan,

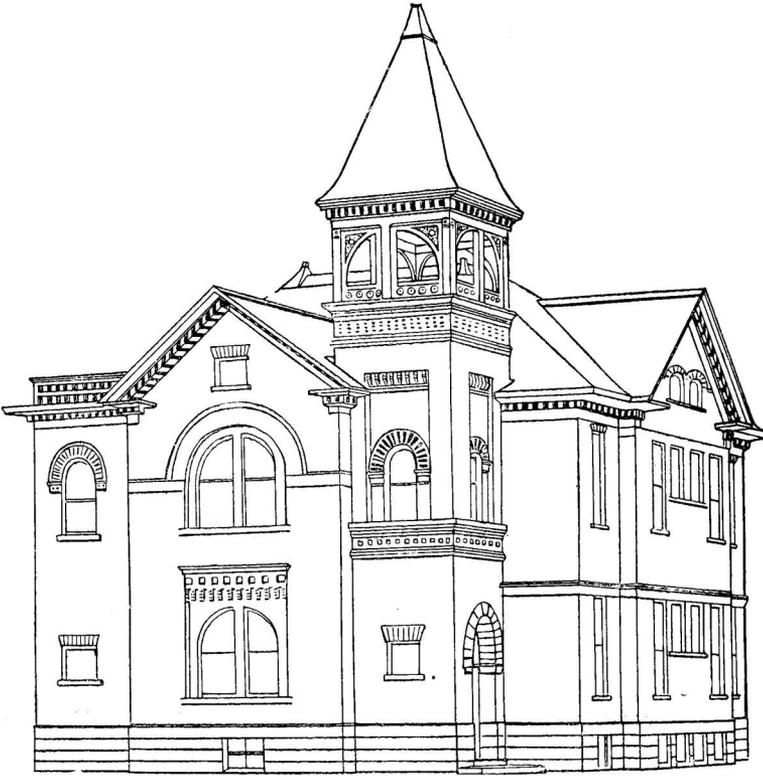
Design No. 415.



Second Floor Plan.

See Foundation plan on page 24.

ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, - MINN.



*Design No. 415.*

This is a four room brick school building with entrance at one side, main entrance and vestibule with double doors. Rear entrance with a three foot single door. Entrance to vestibule from rear vestibule. We enter main hall and ascend five steps leading to main hall or descend steps to basement leading to boys' and girls' dry closets. also with separate entrance to playroom in the basement. Entrance to class rooms are direct from main halls also from main halls through cloak rooms. Each class room is sufficiently large to accommodate sixty scholars each, also with room in the second story 8x11 for a library or office. All warm air and ventilating flues and stacks for warm air heating and ventilating are provided, also a furnace and fuel room in the basement with outside steps covered with area doors. The short windows in class rooms have black board space under them. The tower above the belfry is of wooden construction. All bearing partitions in basement and work about dry closets. Vent flues and furnace are of brick with full stoned up basement 9 feet in the clear and first and second stories 12 feet each. Exterior walls faced with even color veneer brick, with shingled roof, tinned deck and gutters, wooden cornice. This building was erected at a cost of \$6,700 00, the dry closets, heating and ventilating cost \$800.00. Size over all 50x53. Price of complete working plans and specifications \$70 00.

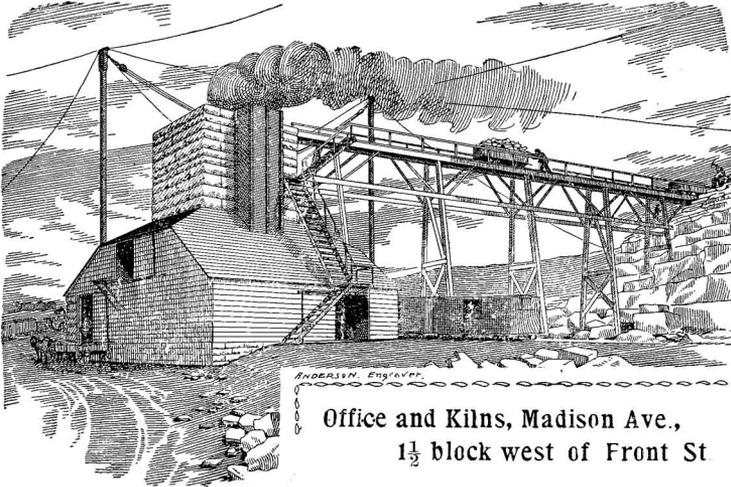
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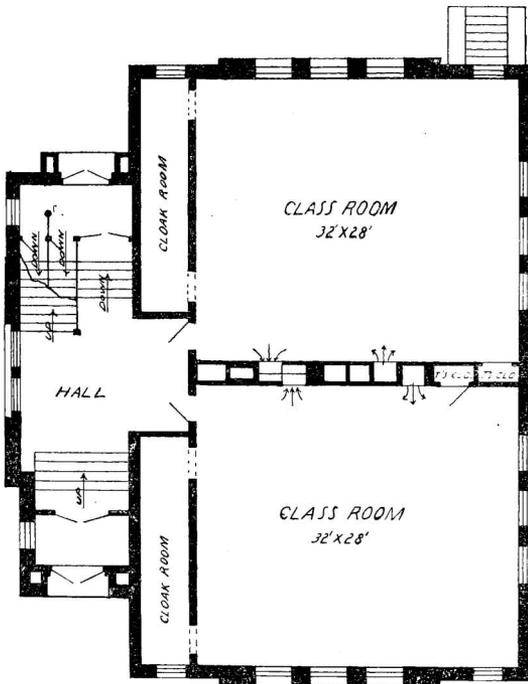
—DRAIN TILE, FUEL, ETC.—



Office and Kilns, Madison Ave.,  
1½ block west of Front St

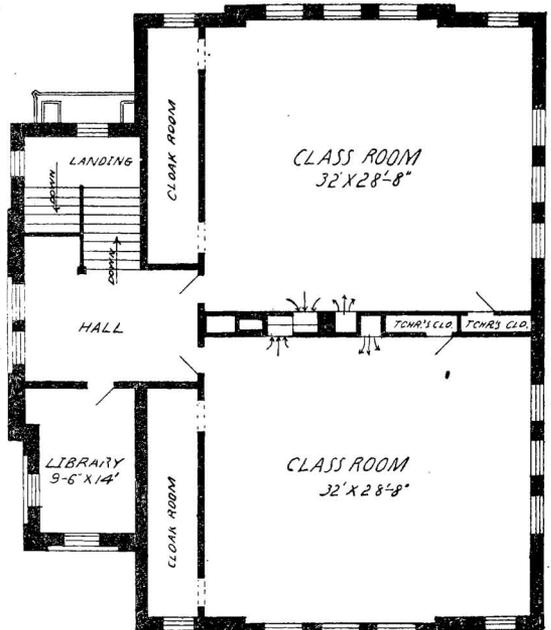
A. Bashaw, Pres. and Mgr.

MANKATO, MINN.



First Floor Plan.

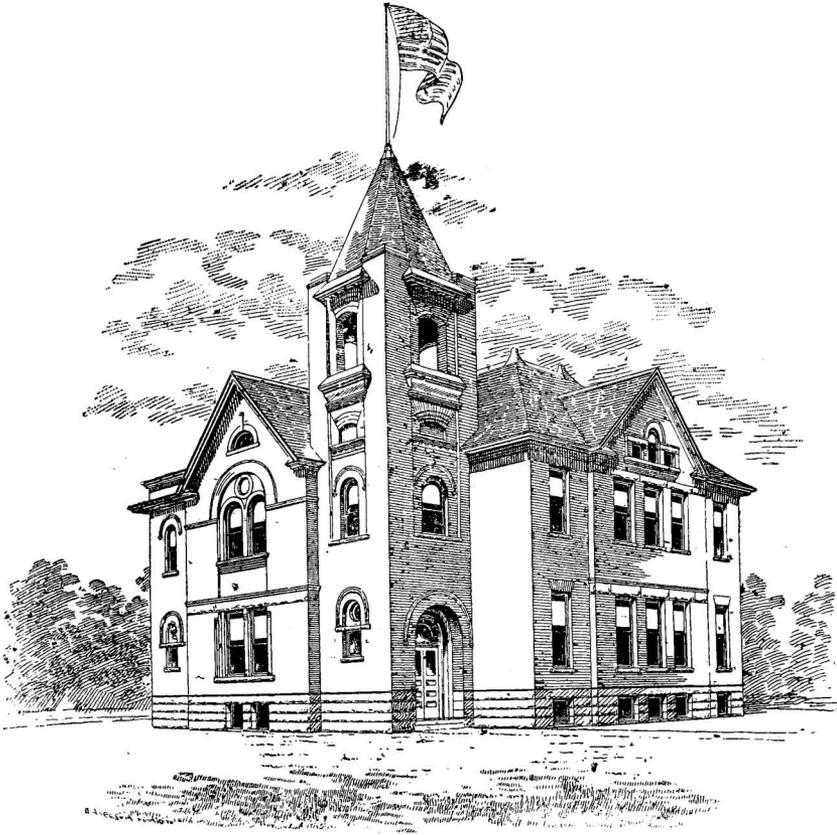
Design No. 417,



Second Floor Plan.

See Foundation plan on page 24.

ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, - MINN.

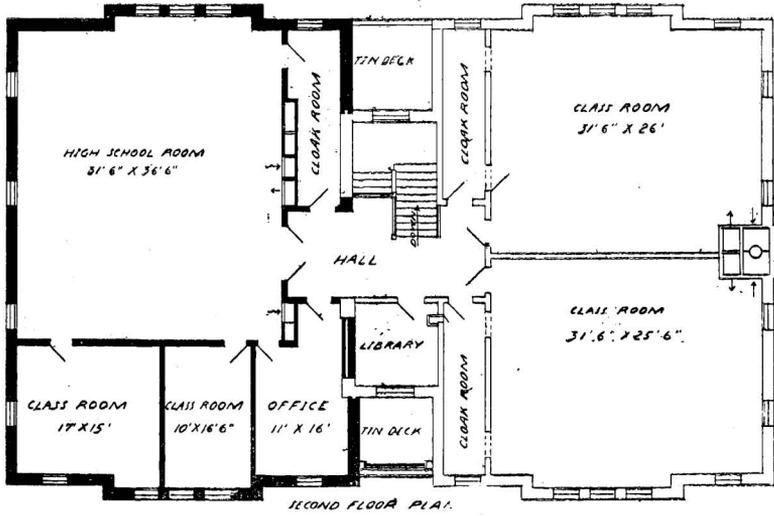


*Design No. 417.*

This is a large four room school building with full stoned up basement with sawed range stone above grade. Exterior walls are of brick, the exterior faced with even color veneer brick, strong trimings with shingled roof and tinned deck and gutters. There are two double door side entrances near grade line to vestibule, leading through double vestibule doors to main hall. From rear vestibule there are sepearate entrances to steps leading to basement to boys' and girls' water closets and play rooms. There is an outside area entrance to warm air furnice room in basement, a fuel room is also provided. All partitions in the basement and work about the warm air heating apparatus is of brick with cement floors. Entrance to class rooms are direct from the main hall. Each class room has a teacher's closet and is sufficiently large to accomodate 64 scholars each. The exposed brick walls are furred and lathed and plastered. The basement is 10 feet in the clear and first and second stories 12 feet each. The second floor contains a room 9 feet 6 inch x 14 for a school library. This building was erected at the following cost: General contract, building, \$8,000, plumbing \$648, warm air furnice system \$650. Size over all 52-6x62-6. Price of complete working plans and specifications \$80.00.

ALBERT SCHIPPEL,  
 ARCHITECT,  
 MANKATO, - MINN.

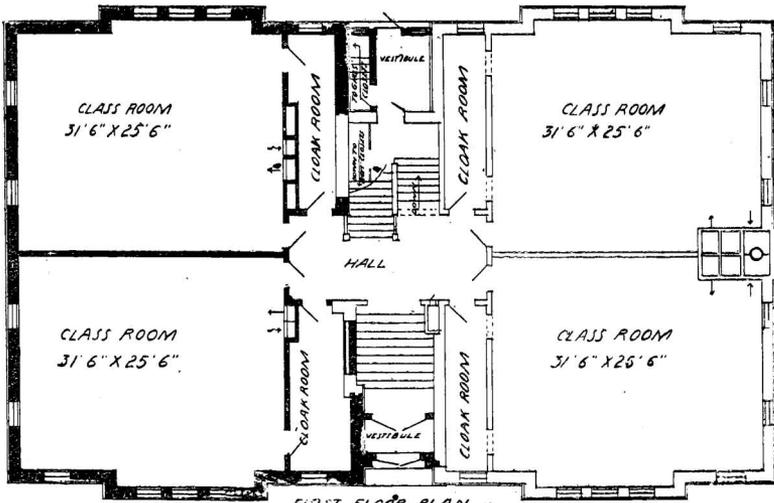
Second Floor Plan.



SECOND FLOOR PLAN.

Design No. 419.

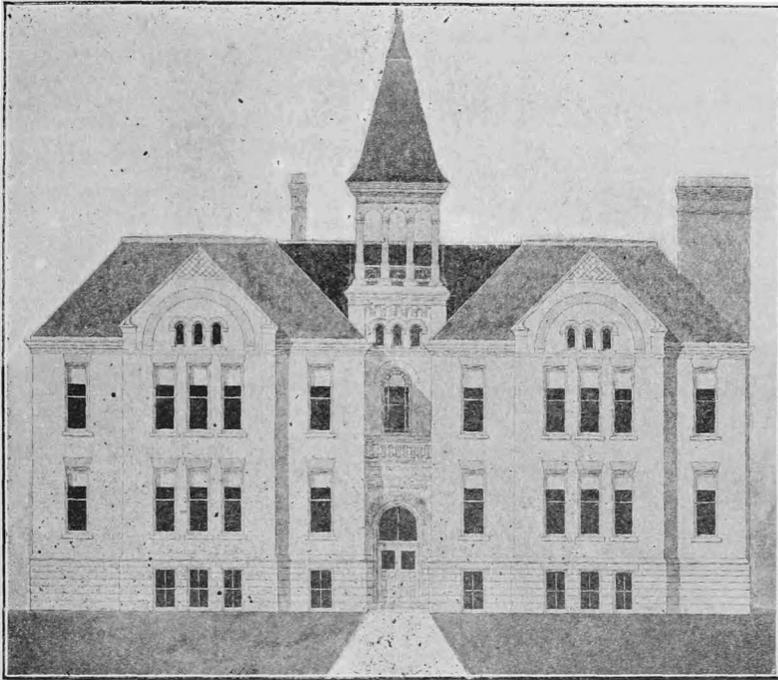
First Floor Plan.



FIRST FLOOR PLAN

Design No. 419.

ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, - MINN.



*Design No. 419.*

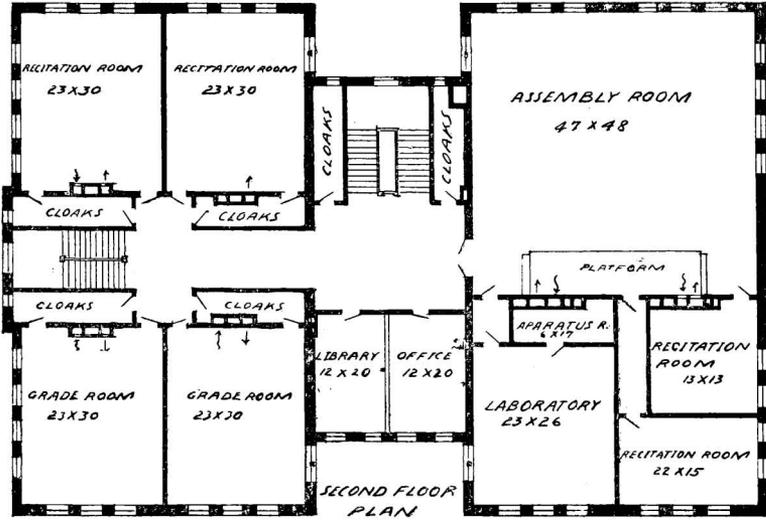
This design shows how an addition can be built to the four room designs No. 410, 415, 417 and similar designs and at the same time have a modern arranged school building as will be seen by an examination of the floor plans. The light part on right hand side of floor plans represent the old four room school building, the dark shaded part on left hand side of floor plans indicate the new addition, making an eight room brick school building with grade entrances front and rear, with vestibule doors, inside steps leading to main hall, or descend separate steps to basement leading to boys' and girl's dry closets, also with separate entrance to play room in the basement. Entrance to class rooms are direct from main hall, also through cloak rooms. Each class room is sufficiently large to accommodate 63 scholars each. The second floor contains two of said class rooms, a high school room with two class rooms, office and library and cloak rooms. The tower above belfry is of wooden construction. The basement is 6 feet 6 inches above ground with sawed range stone above grade line and 10 feet in the clear, and first and second stories 11 feet 6 inches in the clear. Exterior faced with even color veneer brick, with shingled roof, tinned decks and gutters, wooden cornices. This building was erected at a cost of, new addition 58x40, \$6,000.00, steam heat, direct and indirect for ventilation \$2,500.00, dry closets \$500.00. An entire new school building, 58x90 in size, erected of similar design with floor plans as shown, cost complete with dry closets and steam heat \$15,000.00.

Price of plans for addition \$60.00.

Price of plans for new school building, 58x90, \$150.00.

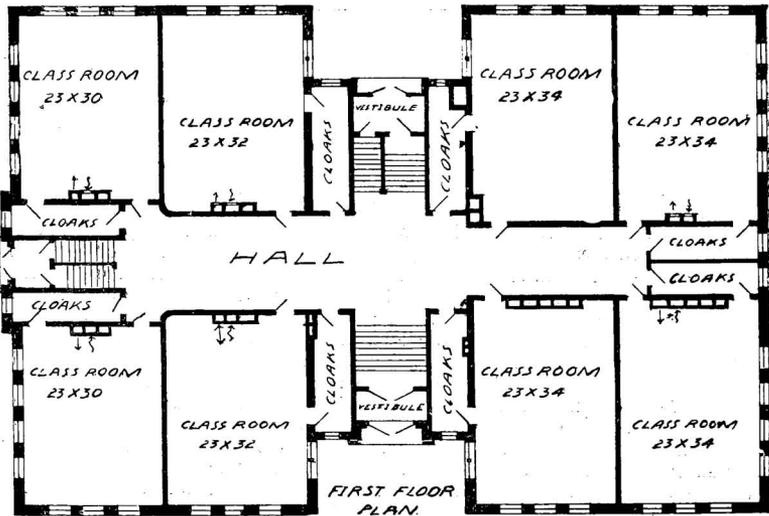
ALBERT SCHIPPEL,  
 ARCHITECT,  
 MANKATO, - MINN.

Second Floor Plan.



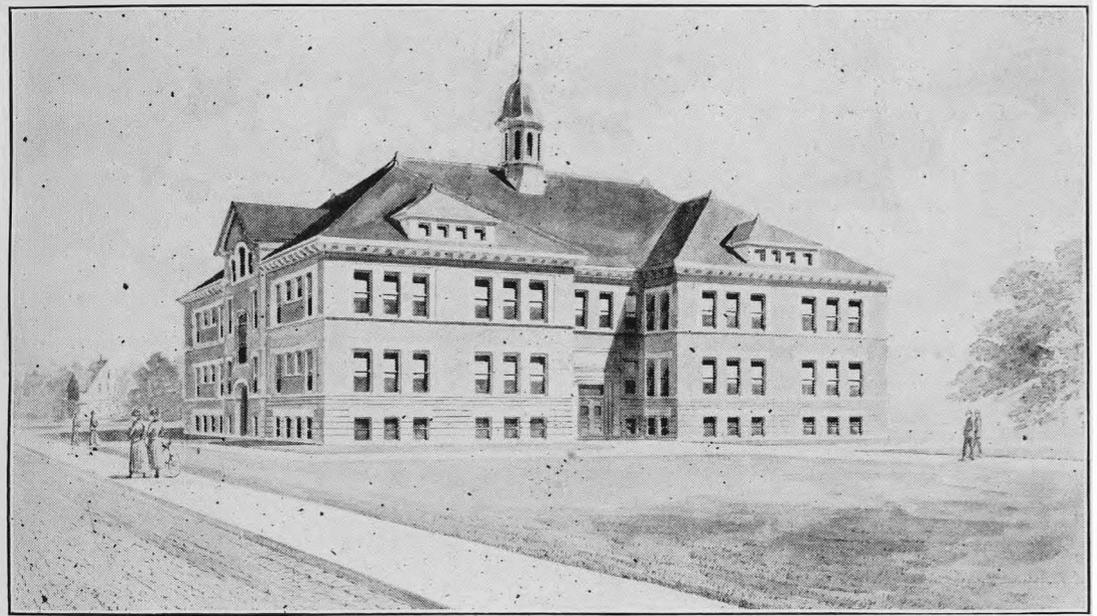
Design No. 421.

First Floor Plan.



Design No. 421.

ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, - MINN.



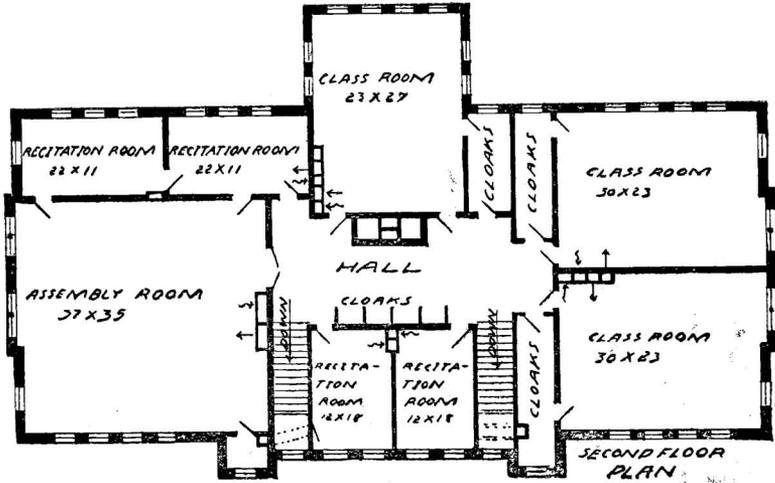
### Model Design for School Building.

*Design No. 421.*

This is a large school building, suitable for small towns and cities with a population up to 5,000. This school building contains 12 grade rooms with a large cloak room for each. One half of the second story contains a high school room with 143 seats, also two class rooms, an apparatus room, laboratory, library and office; the attic is reached by a wide and well lighted stairway and has space for a gymnasium and a historic museum. The building has grade entrances through double doors to vestibule at front, rear and left side, the main hall runs from left to right, the left wing of basement contains separate playrooms and toilet closet rooms for boys and girls which are reached by separate stairs for each. There are two rooms for manual training. The balance of basement is given up to the heating and ventilating plant. The building is well lighted and is heated throughout with steam, indirect with Blower system, provided with the Johnson system of automatic temperature regulation. The basement is 10 feet in the clear, boiler room 12 feet, first and second stories 13 feet high, school room 18 feet. The basement walls below grade are of stone, finished with a dressed stone, plinth or base course, the exterior walls are of brick, faced with sand mould brick and stone trimmings, with galv. iron cornice and copper gutters and slate roof, hard wood finish, IXL Rock Maple floors and slate black boards. Size over all 84x125. Cost \$30,000. Boards of Education wishing to consider this class of school buildings are requested to write for prices.

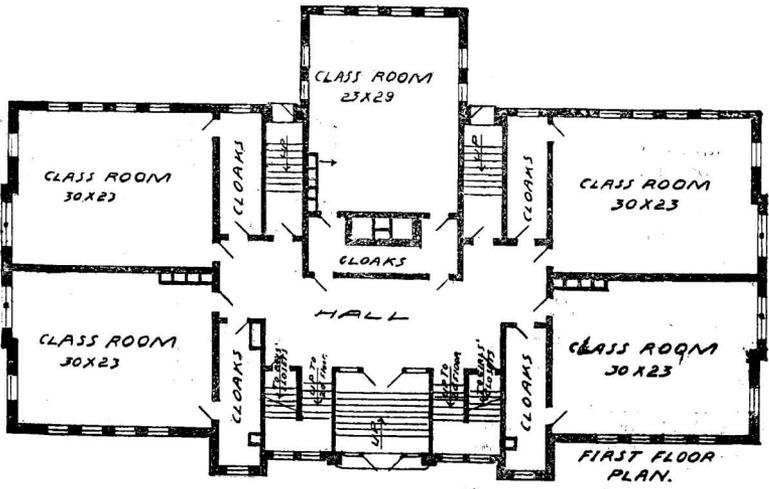
ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, - MINN.

Second Floor Plan.



Design No 423.

First Floor Plan.



Design No. 423.

ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, - MINN.



*Design No. 423.*

This building contains eight class rooms, sufficiently large to accommodate 48 to 50 scholars each, with cloak rooms for each class room, with direct and indirect entrance from main hall to class rooms, and contains an assembly room on the second floor, seating 90 scholars with 4 recitation rooms.

The building has grade entrances through double doors to vestibule at front. the rear has two single grade entrances with vestibule leading to main hall. Basement contains separate play rooms and toilet closet rooms for boys and girls, which are reached by separate stairs for each. The rear part of basement is given up to the heating and ventilating plant. The building is well lighted and heated throughout with steam, direct and indirect for circulation and changing of air. The basement is 10 feet in the clear, boiler room 13 feet, first and second stories 13 feet, high school room 18 feet. The basement is 4 feet high above ground with sawed range stone above grade line, walls below grade are of stone, the exterior walls are of brick faced with sand mould brick and stone trimmings, with galvanized iron cornice and cresting with tinned decks, copper gutters and slate roof, hard wood finish, IXL Rock Maple floors and slate black boards. Size over all 70x115. Cost \$20,000.

Boards of Education wishing to consider this class of school buildings are requested to write for prices.

ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, - MINN.

•• FOWLER & PAY, ••

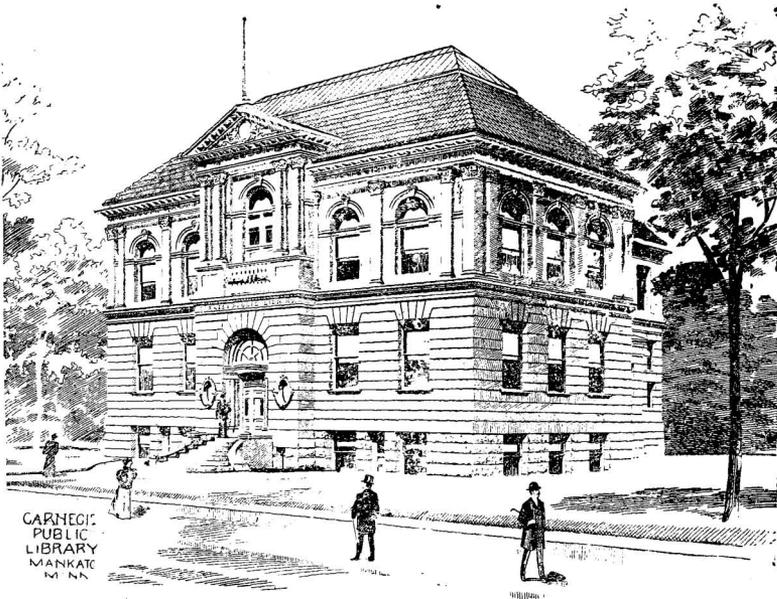
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Fire Proof Public Library, Cost \$35,000.

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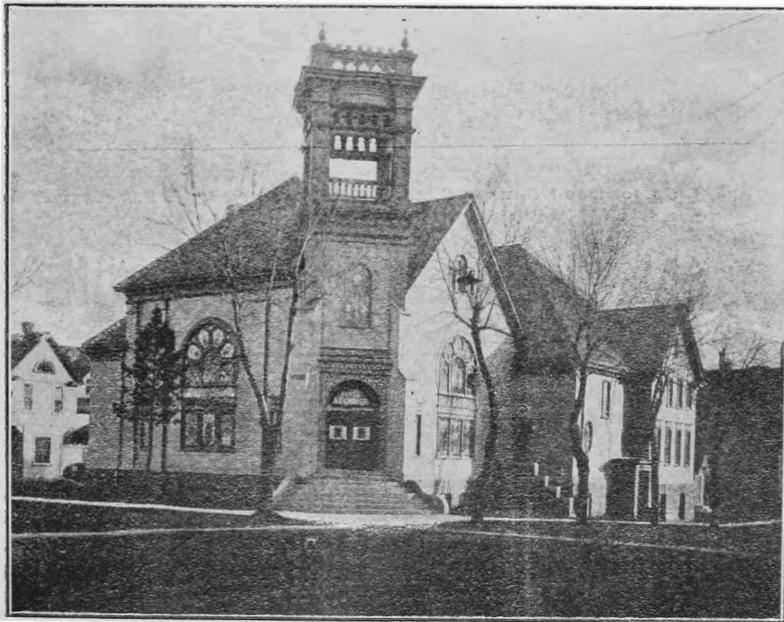
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House Finishes have stood the test of time.

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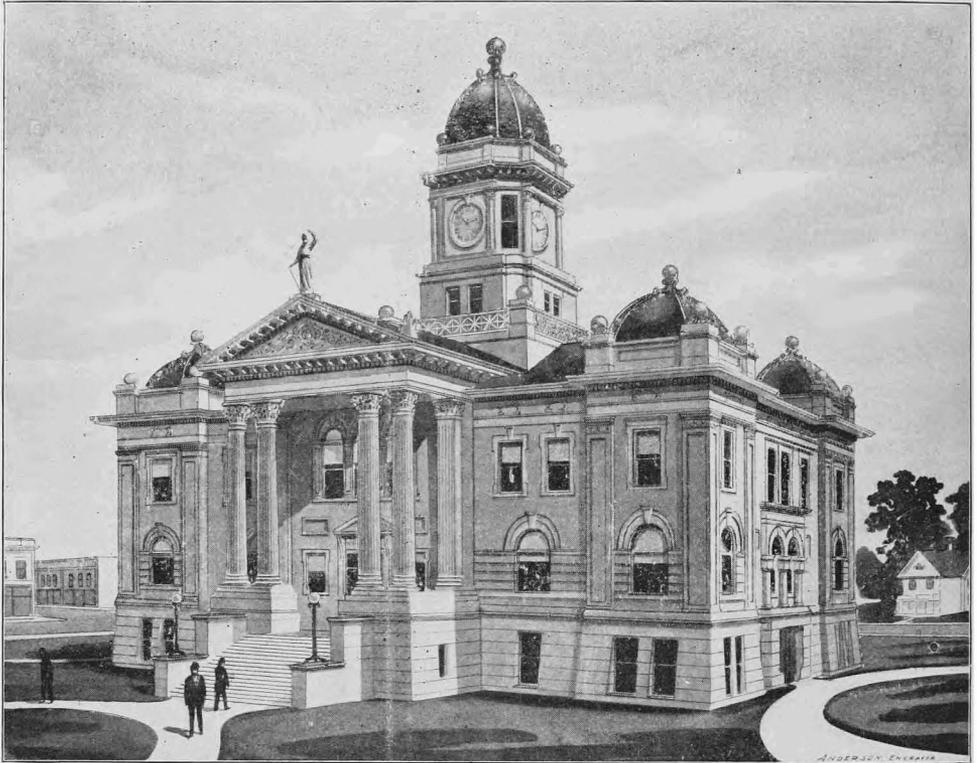
**STANDARD VARNISH WORKS,**  
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International Varnish Co., Ltd., Toronto, Canada.



Frame Church Building, Cost \$10,500.

Design No. . 558

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ARCHITECT,  
MANKATO, - MINN.



*Cottonwood County Court House, erected by J. B. Nelsen & Co., 1904.*

## J. B. NELSEN & COMPANY, General Contractors.

*Business Buildings and School Houses a Specialty.*

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MANKATO, MINN.

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School house at Truman, Minn.	School house at Windom, Minn.
School house at Winthrop, Minn.	School house at Sheldon, Iowa.
School house at Lake Crystal, Minn.	School house at Sanborn, Iowa.
School house at Vernon Center, Minn.	School house at Redwood Falls, Minn.
Two buildings for Agricultural College, Brookings, S. D.	
Gustave Adolphse College, St. Peter, Minn.	

*We make School Houses and Business Buildings a Specialty.*

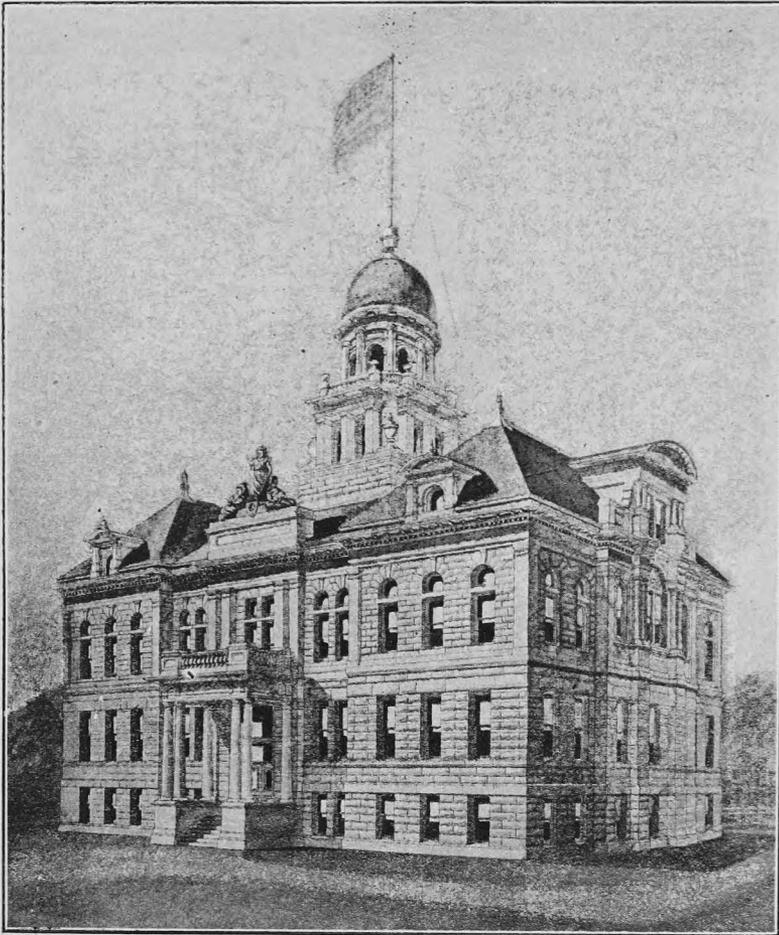
For Reference any Bank in Mankato.

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MANKATO, MINN.

Get your Estimates on Plumbing and Heating from

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Mankato, Minn.

Who installs the product of the factories of the Kellogg-  
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*Jackson County Court House.*

*Design No. 352.*

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ARCHITECT,  
MANKATO, - MINN.

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Mfgs. of Modern Apparatus, Dry and Flushing Closets,  
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L. O. F. C.

Brick Church Building, Cost \$11,000.

American Reform Church.  
Orange City, Iowa.  
ALBERT SCHIPPEL, ARCHITECT  
MANKATO, MINN.

Design No. 551.

ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, MINN.

# Genuine Charcoal Roofing Tin.

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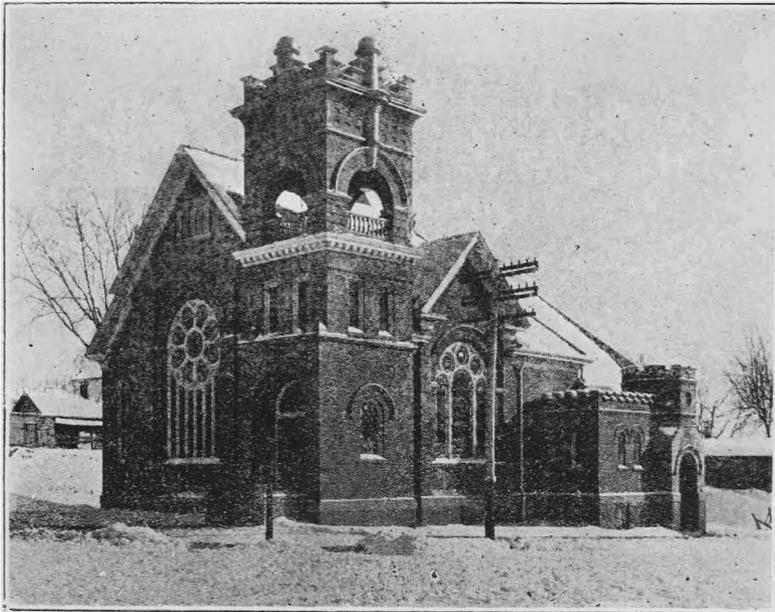
*Armor Plate 40 lbs. Storm King 25 lbs. Treasure 20 lbs. Reserve 15 lbs.*

*Each Sheet of Tin is Stamped as noted below:*

GARRY'S	GARRY'S	GARRY'S	GARRY'S
<i>Armor Plate</i>	<i>Storm King</i>	<i>TREASURE</i>	<i>RESERVE</i>
OLD STYLE	OLD STYLE	Charcoal Iron	Charcoal Iron
Charcoal Iron	Charcoal Iron	Charcoal Iron	Charcoal Iron

—⊕—MANUFACTURED EXCLUSIVELY BY—⊕—

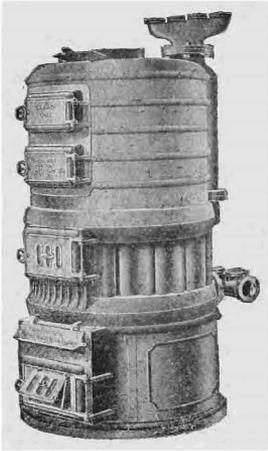
THE GARRY IRON AND STEEL CO.,  
CLEVELAND, OHIO.



Presbyterian Church, Nebraska City, Neb., Cost \$9,000.

*Design No. 557.*

ALBERT SCHIPPEL,  
 ARCHITECT,  
 MANKATO, MINN.



## The Spence Boiler

Manufactured by Kellogg-  
 Mackay-Cameron Co. for

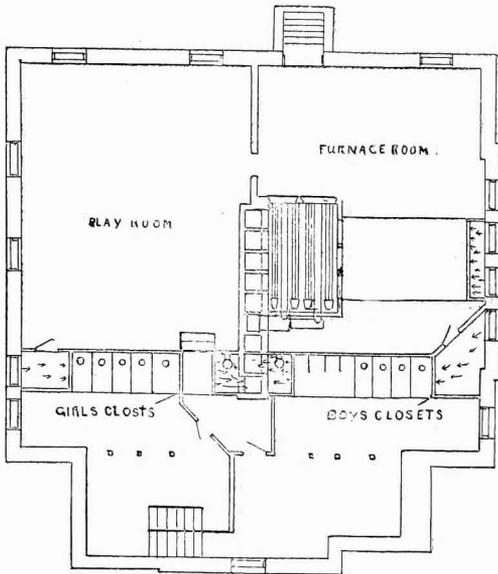
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Plumbing & Heating Contractor,  
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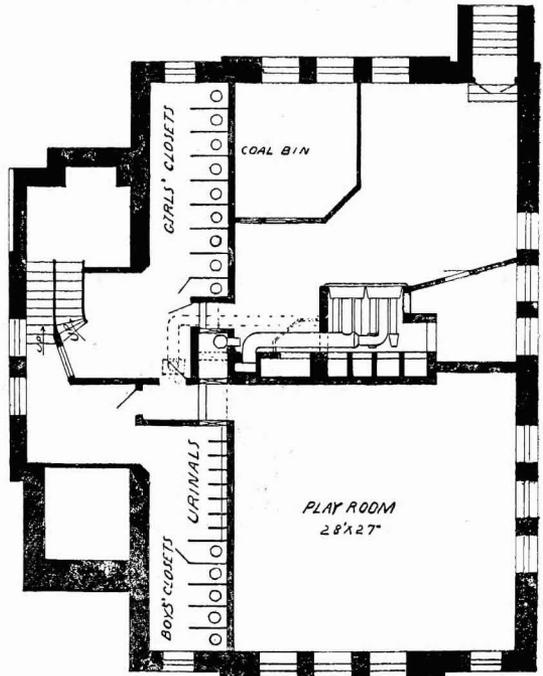
Get his Estimates on your Work.

FOUNDATION PLAN.



Design No. 415. See page 8 and 9.

FOUNDATION PLAN.



Design No. 417. See page 10 and 11.

ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, - MINN.

For Deafening Walls, Floors and Ceilings

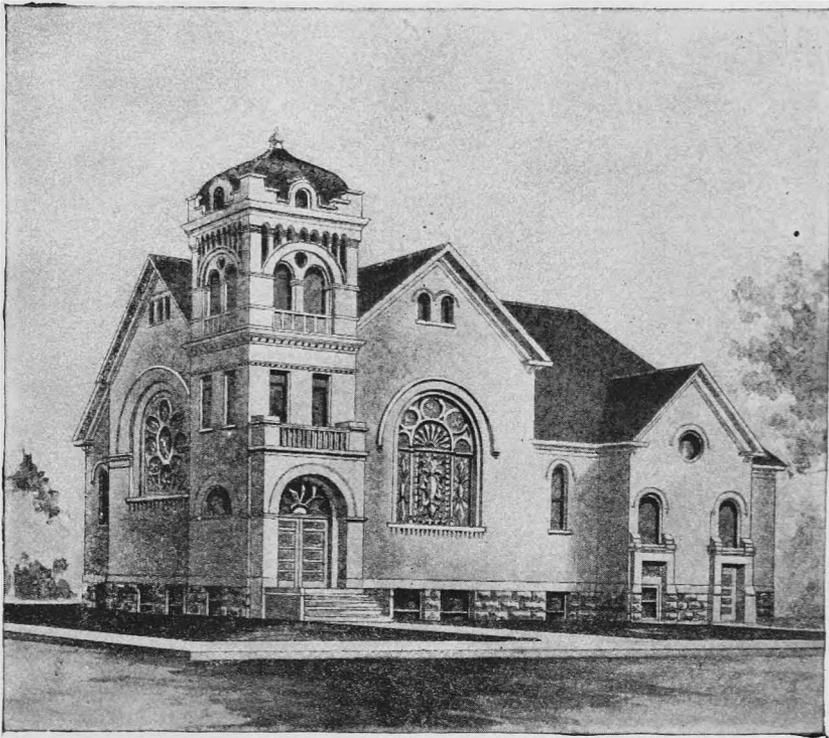
*There's Nothing Known to Science that will  
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**LITH AND LINO FELT**

Made from Pure Degummed Flax Fibre and Rock Wool.  
This material is antiseptic, odorless and Vermin-  
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"LINO FELT" is also used as a Sheeting Felt and substitute for back plaster,  
being 3 1/2 times warmer than building paper. Write for samples and particulars.

UNION FIBRE CO., Main Office and Factory WINONA, MINN.



Sleepy Eye Congregational Church. Cost \$8,500.

*Design No. 539.*

ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, MINN.

## • *Mankato Hydraulic Cement* •

makes mortar harder than stone itself. Much cheaper to use than lime in both brick and stone masonry. Used in many of the largest buildings of the Northwest for the past 22 years.

MR. GILBERT'S OPINION, 78-85 WALL ST.

NEW YORK, DEC. 24TH, 1903.

To Mankato Cement Works:—In view of the excellent quality of cement which you have furnished for the Minnesota Capitol building I vary from my usually strict rule in regard to testimonials. A very large quantity of your cement was used in this building and proved entirely satisfactory. It gives me pleasure to commend the excellent quality of cement which has been made by your company.

(Signed) CASS GILBERT, Architect.



*Stone Church Building, Cost \$8,000.*

*Design No. 535.*

ALBERT SCHIPPEL,  
ARCHITECT,  
MANKATO, • MINN.

## The Garry Iron and Steel Co.

Manufacturers of

TIN & TERNE PLATE,  
ROOFING PAINTS,  
BLACK & GALV. SHEETS,

# ROOFING

EAVES TROUGH,  
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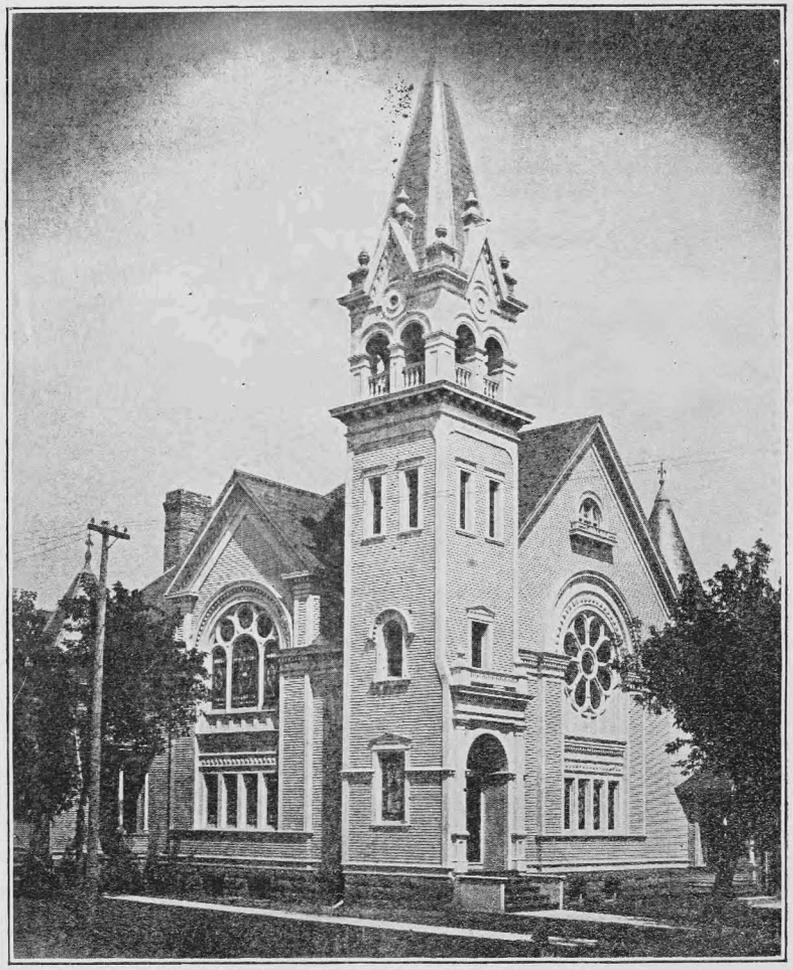
CLEVELAND, OHIO.



*Brick Veneered Church Building, Cost \$15,000.*

*Design No. 553.*

**ALBERT SCHIPPEL,**  
ARCHITECT,  
MANKATO, - MINN.



**Presbyterian Church, Wayne, Neb., cost \$10,000.**

### **CHURCHES.**

The illustration of churches herein have all been built at a cost ranging from \$8,000 to \$15,000. All are modern in arrangement, with inclined floors and seating arranged on the theatreical plan, with galleries, with Sunday school or chapel connected to main ad-dorium, with slide up doors, also vestibules, pastor study, etc., also kitchen and dining room in the basement.

Duplicate plans (blue-prints) can be furnished for \$50 and up. Write for further information.

ALBERT SCHIPPEL,  
ARCHITECT,  
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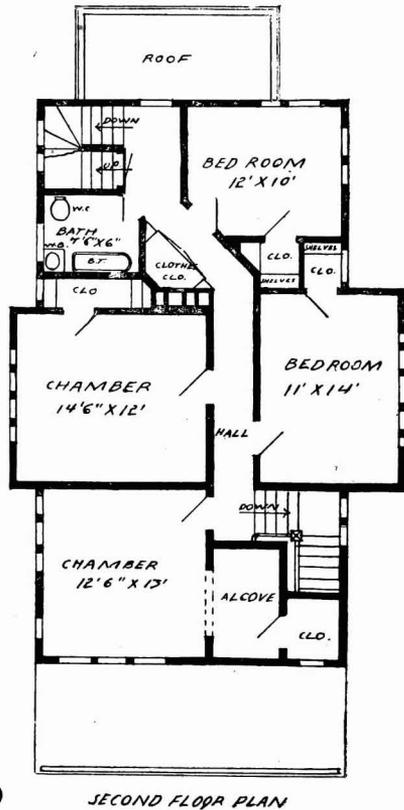
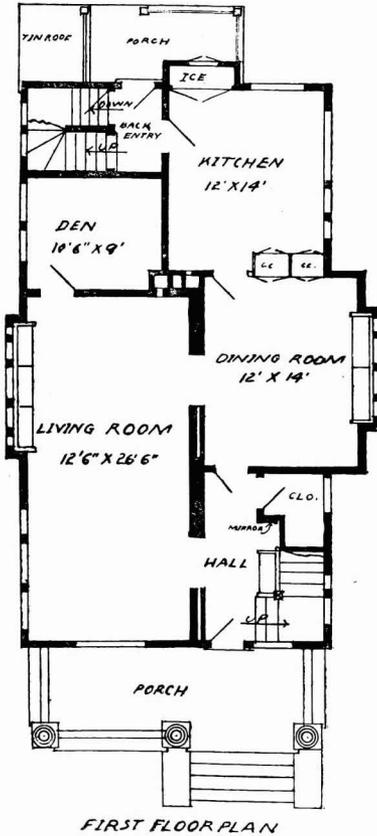
*Store Building for Lamm & Landkamer, Mankato, Minn.*

*Design No. 300.*

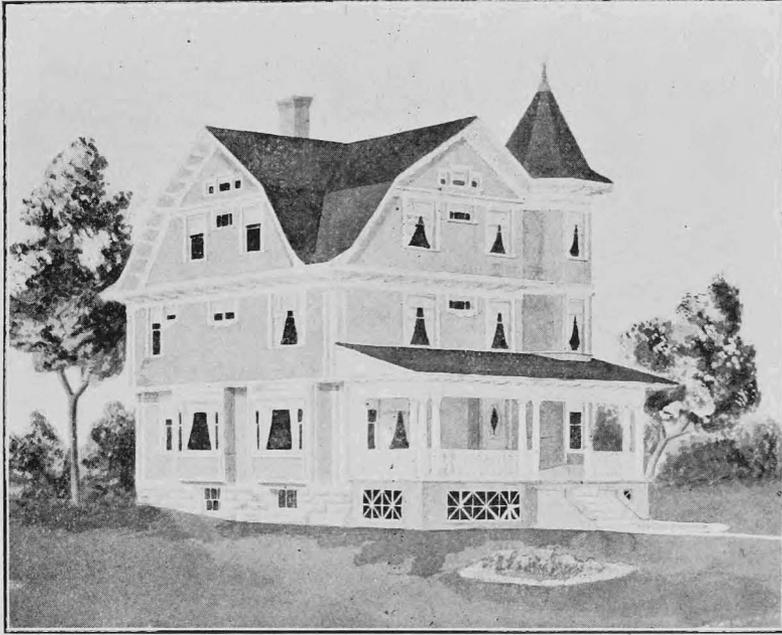


**Design No. 50.**

Size: width 29 feet, length 36 feet, exclusive of porch. Blue print consist of cellar and foundation, first and second floor, front, rear, two side elevations, and all necessary exterior and interior details. Price of blue prints, together with a complete set of typewritten specifications, is \$49.

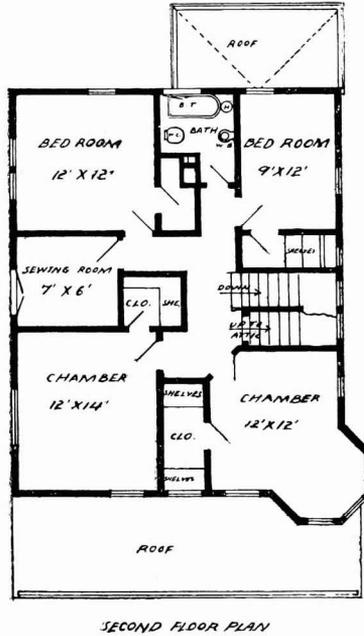
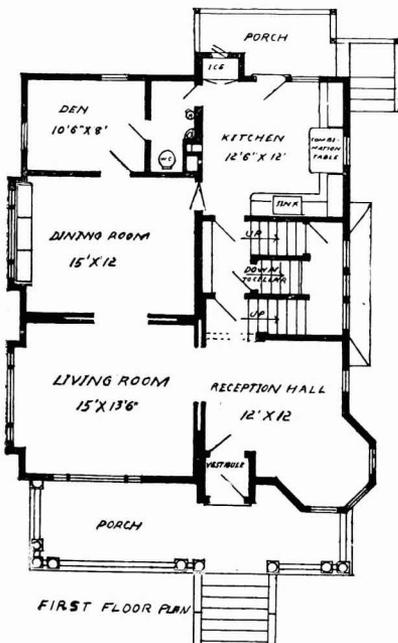


ALBERT SCHIPPEL,  
 ARCHITECT,  
 MANKATO, MINN.



Design No. 58.

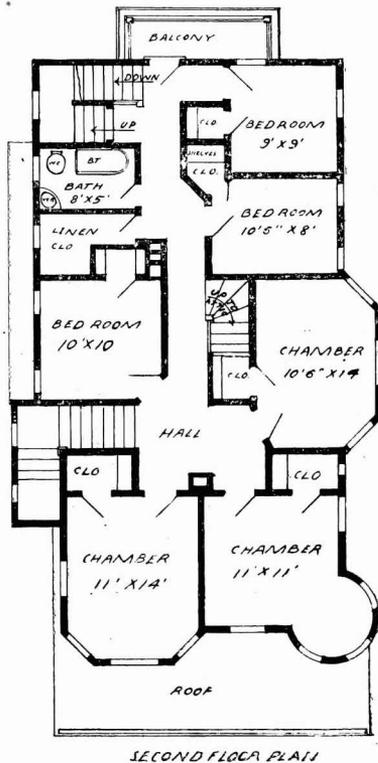
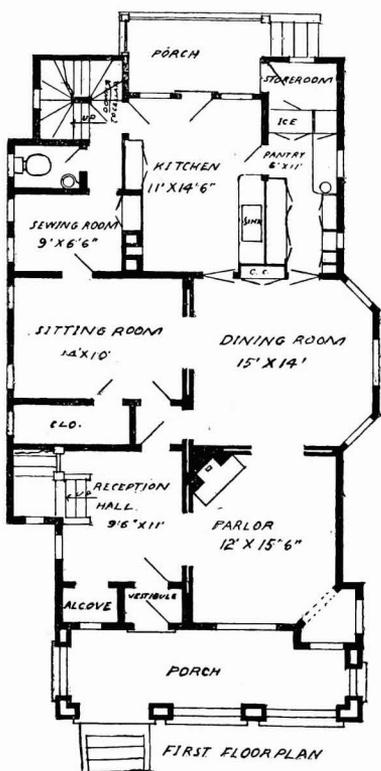
Size: width 27 feet, length 43 feet, exclusive of porch. Blue prints consist of cellar and foundation, first and second floors, front, rear, two side elevations, and all necessary exterior and interior details. Price of blue prints, together with a complete set of typewritten specifications is \$45.



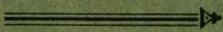


Design No. 52.

Size: width 31 feet, length 48 feet, exclusive of porch. Blue prints consist of cellar and foundation, first and second floor, front, rear, two side elevations, and all necessary exterior and interior details. Price of blue prints, together with a complete set of typewritten specifications, is \$50.



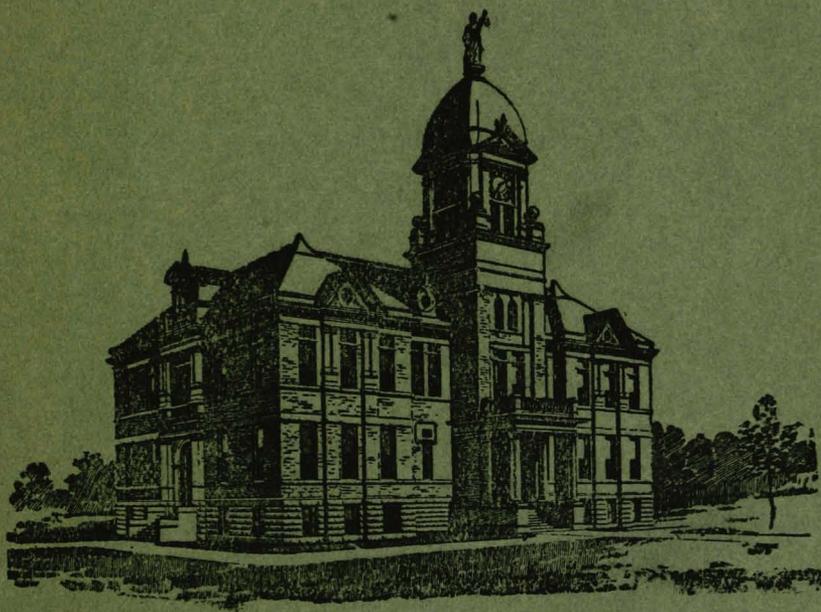
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HEATING AND PLUMBING  
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*Pipestone Court House.*

*Design No. 355.*

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