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Moving Science Hall.

The Greatest Piece of Work of the Kind Ever Done in the West.

Applied science has had fine exemplification on the University campus during the past summer in the moving of Science hall to its new foundations. The problem was the moving of a brick building 86x115 feet, height, three stories, estimated weight, 6,000 tons. The building, from first floor to attic roof, was full of valuable natural history collections and laboratory appliances, but

numbering, approximately, six hundred and seventy-five. A broad roadway of cribbing timbers was laid extending several feet beyond the walls of the building in every direction, being carefully leveled from the ground up, so as to secure perfectly level and uniform bearings at all points over which the rollers must pass.

The pushing screws, about thirty in number, were harnessed, by means of chains and cables, to cribbing timbers under the building and to foot-blocks behind the screw drums, through which the power was applied. The pushing screws worked to a length of three and one-half feet in

es, and rested on six hundred screws waiting for the completion of the foundations, already built up within four feet of the required height. The supporting screws were removed one by one as the walls were built up to take their places.

During the progress of the moving many interested persons watched the operations, but the person is yet to be found who was able to detect the least movement in the building, or the rollers under it, although it moved a distance of seventeen feet in one day—the greatest distance made in any one day. During the whole time the building was kept at

Society Programmes.

Zet Tonight.

Music.
 Declamation—Pentacost.
 Debate, "Resolved, That the United States should permanently retain possession of the Philippine islands."
 Affirmed by Jones and Grippenburg, denied by Gepson and Hoar.
 Oration—Merrill.
 Music.

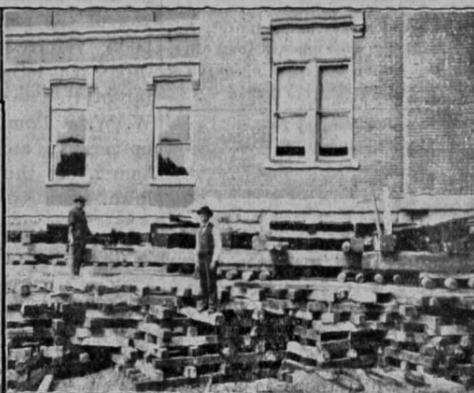
Irving Tonight—Sophomore Program.
 Debate, "Resolved, That the United States should adopt the English system for prevention of bribery at elec-



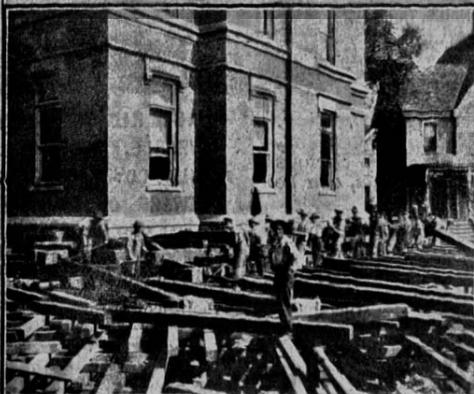
OFF THE FOUNDATIONS.



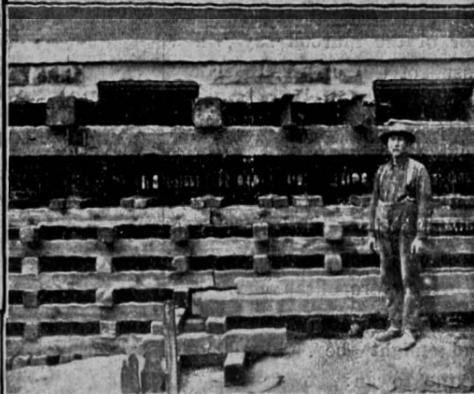
"SCIENCE HALL"—86 x 115 FT. WEIGHT 6,000 TONS.



NEARING THE END.



ON THE ROAD.



IN PLACE ON SIX HUNDRED SCREWS.

SCIENCE HALL ON NEW FOUNDATIONS.

not an article was taken from the building for safe-keeping, or moved from its accustomed place to guard against breakage. The contract with the L. P. Friestedt company, of Chicago, called for the removal without damage to building or contents, under a bond of \$25,000.

The work of cutting through the old foundations began June 15, but many days passed without revealing much of what was going on beneath—the ragged portholes through which protruded the ends of great beams were suggestive of a battered and abandoned fort, mounting wooden guns. Finally, the nearly eight hundred screws were set and began to turn, gently lifting the great structure into the air, when it was saddled upon rollers about six inches in diameter and four feet in length,

the drums, longer drums being substituted when the screws had reached their length, until it became necessary to carry the cables forward under the building, when the shortest drums were again used, and so on through the series.

One of the most interesting features of the movement was that of turning the building on its axis as it moved forward. In order to pass another building a one-eighth turn was necessary, and a back turn was necessary in order to bring the building over the new foundation. The turning movement was accomplished by "cutting" the rollers, and the adjustment of rollers was so nicely done that the double movement landed the building almost exactly at the required spot. When in place, the building was lowered eighteen inch-

perfect level by means of surveyor's instruments, and it now scarcely shows a trace of having traveled a rough and unaccustomed road.

In addition to the lifting and moving appliances elsewhere mentioned, twenty-seven car-loads of timber were required for the cribbing, the ground being so uneven that cribbing several feet in height was necessary in places.

The superintendent of this fine piece of work was Mr. John W. Carlson, so quiet and unassuming in manner that visitors, of whom there were many, were often at a loss to know who might be the presiding genius. He was always moving about the building, but seemed to "boss" nobody. His influence in directing affairs was of the quiet kind—as un-

(Continued on Page Two.)

tions." Affirmed by Crawford, Macbride and Wise; denied by Pike, Arnold and Hazard.

Hesperian, January 6.

Music.
 Declamation, "The Wife-Hunting Deacon"—Irene Shipman.
 Speech, "The Evolution of the Pastor"—Laura Lynch.

Music.
 Declamation, "The Ruggles' Dinner Party"—Reginia Long.

Discussion—Sarah Ruby and Myrtle Royal.

Recitation—Katherine Hodge.

Music.

"There is so much good in the worst of us

And so much bad in the best of us,
 That it ill behooveth any of us
 To talk about the rest of us."

NOTRE DAME PRELIMINARY

Monday, January 8, 8 p. m.

CHILDREN HOUSE



ay 10

and London
 Comedy Suc-
 Past Season

Murry

ENTS

Johnson

Marriage

Kitty

TH

J. Wolfe as
 Bald Balsize

77, \$1.00

ens Monday
 o'clock



am Laundry

and Linn St.
 rsity Hospital.

ade Work ONLY

Gloss Finish

RUPPERT

-58; J. C. 85

Wm. A. Fry, Cashier
 L. Falk, Ass't Cashier

y Savings Bank

Y, IOWA \$125,000.00

ed Profits, \$65,000.00

Carson, John T. Jones,
 n. C. F. Lovelace, J. C.
 P. Whitacre, S. L. Close

Alonzo Brown, V-Pres.

r, Cashier

ENS

D TRUST CO.

ERS

Surplus, \$15,000.00

nton Street.

ONAL BANK

ovell Swisher, Cashier

U. Plank, Ass't Cash.

Surplus \$50,000

Dey, C. S. Welch,

s, J. L. Turner.

& TRUST CO.

S. Welch, Vice Pres.

r, Treasurer

Surplus \$31,000

on Deposits