

CHICAGO SKYSCRAPERS
REST ON SOLID ROCK;
IMPOSSIBLE TO SLIP

(By Associated Press)
CHICAGO, Dec. 19.—Chicago, three "leaning towers," skyscrapers built during the nineties, now are resting firmly on bedrock foundations 80 feet below the surface. The three big office buildings, among the first in the skyscraper class, were originally built on pile foundations, and when the piles settled they were left noticeably out of plumb.

An inquiry disclosed that all three had been jacked up to the level of the foundations and the buildings were being continued down to the solid rock, and that since the alteration was made there has been no further settling.

Chicago is underlain by a solid silurian deposit of Niagara limestone, from 40 to 80 feet down. Over it is a loose deposit of blue clay and other material.

Some of the first skyscrapers, following building methods then in vogue were erected on forests of piling, but the foundations proved unsuited to holding the immense weight of the big office structures.

Impossible to Slip.
Chicago's building laws limit the height of office buildings to 220 feet. It is impossible, geologists at the University of Chicago say, to pile up enough weight within that limit to cause any shifting or slipping of the bedrock foundation. The clay deposits above the rock, on the other hand, are subject to a slight slipping movement.

Workmen who dug the 60 miles of freight subway under the loop streets found that blue clay had about the consistency of well worked putty, and that it was impossible to handle it by any ordinary methods. They finally solved the problem to equipping steel hands three feet long with handles, like a cross-cut saw.

Holding the blade in both hands, the workman would bend it into the form of a horseshoe and hack out the soft clay from the tunnel heading, while compressed air held back the mass until forms could be placed and the concrete walls poured.

Suburban

CENTERVILLE, Ind.—Owing to the M. E. church remodeling program for Christmas has been called off. There probably will be a short program by the children at the Sunday school hour and treat given at this time next Sunday morning. Joseph Commons entertained Mrs. Sadie Commons and niece and Miss Marie Cassel to dinner Sunday. Mrs. Commons and niece will leave in a few days to spend the winter in California. The ladies of the Methodist church cleared about \$75 at the fair given in the church basement Saturday afternoon and evening.

A great improvement was made on Main Cross street last week by the tearing down of the old McCanaha livery barn. This building was condemned by the state fire marshal several months ago and recently sold to a man in Milton, who is having the old lumber in it hauled to Milton for use in building. A beautiful building lot has been made possible by the removal of this building. Miss Beulah Bowers left last week to spend the winter in Phoenix, Ariz. Miss Bowers was compelled to resign her school at Newcastle several weeks ago and go to Arizona for her health. Mrs. Alice Dearth and grandson spent Sunday with Mr. and Mrs. Julian George. Miss Marie Cassel will spend the holidays with her parents at Farmland. Mr. and Mrs. Robert Rush of Pershing spent Sunday with Mr. and Mrs. Pleasant Bond. Mr. and Mrs. P. C. O'Neal attended a banquet Thursday evening given by the State Lumbermen's association in honor of their wives, at the First English Lutheran church at Richmond. Mrs. William Dunkle and Mrs. Harry Johnston were hostesses for the Woman's Home Missionary society of the M. E. church Thursday at the home of Mrs. Dunkle. Mrs. O. K. Dunbar had charge of the program. A special feature of the afternoon was the packing of a Christmas box for the mission workers in Gary. A number of useful as well as pretty gifts and pieces of clothing were given for this cause. During the social hour a delicious luncheon was served by the hostesses. Mrs. Ida Smelser, newly elected matron of the Eastern Star, has announced the appointive officers for that organization as follows: Ada, Mrs. Leah Hutchison; Ruth, Mrs. P. G. O'Neal; Esther, Mrs. James Drift; Martha, Mrs. Estelle Trousse; Electa, Mrs. Mae Nelson; Warder, Mrs. Clara Matthews; Sentinel, Alice Medearis; chaplain, Mrs. Irene Porter; marshal, Mrs. Mary Porter; organist, Mrs. Ruby O'Melia. Installation will be held Friday evening. Members and families invited. Mrs. John Cope went to Indianapolis last week for an operation for goiter. She will be operated upon the first of this week. Robert Peelle, who has been taking treatment in Kentucky at a sanitarium for throat trouble, came home the latter part of the week for an over Christmas with his parents. The date of the Farmers' Institute has been set for Jan. 31 and Feb. 1. Afternoon and evening sessions both days. Rev. and Mrs. Chadwick and daughter Thelma were entertained to dinner Sunday by Mr. and Mrs. William Dunkle. George Bloch has been very sick for the past week and unable to attend school. Mr. and Mrs. Watson O'Neal, Mr. and Mrs. John Markley and family, and Will Childers were entertained to dinner Sunday by Mr. and Mrs. P. C. O'Neal. Mr. and Mrs. Donald Lantz and family spent several days last week visiting O. K. Dunbar. Mrs. C. E. Buhl and children spent Saturday with Miss Bessie Buhl.

GREEN'S FORK, Ind.—Mr. and Mrs. P. W. Bonn and daughter, Mr. and Mrs. John Gausepohl of Richmond spent Sunday with Mr. and Mrs. E. M. Stanton and family. Ladies of the U. B. church will hold a market and bazaar in Ellis' store Saturday, Dec. 23. J. J. Smith of Newcastle and Will Teague of Hagerstown spent Friday here. Miss Marie Bond was the dinner guest Sunday of Effie Brooks. Rev. Scott preached at the Christian church Sunday morning on "Love." Iva Nicholson sang a solo, "Cast Thy Bread Upon the Water." Mrs. Margaret Stewart of Spiceland and Mrs. Mina Hough of Cowan returned to their homes Monday morning after visiting their sister, Mrs. Jonathan Cloud, the past week. Mr. and Mrs. Paul Brooks and baby and Belle Brooks were in Richmond Sunday afternoon. Rev. C. C. Hinshaw will fill his regular appointment

AMUSEMENTS

WASHINGTON

The historic settlement of Jamestown, Va., is graphically pictured in Paramount's "To Have and to Hold," now on view at the Washington theatre. In the little rebuilt township, much stirring action takes place, and there are many fierce fights with the Indians. Also are depicted many of the customs of the day, including the quaint method by which the settlers obtained their wives.

"Clarence," the William de Mille Paramount production coming to the Washington theatre next Sunday, is the delightfully humorous story of a penniless ex-soldier who cemented up a millionaire's squabbling family, adjusted their differences and won a wife for himself. "Clarence" is a picture that is packed with laughs. In the title role Wallace Reid scores heavily, while Agnes Ayres and May McAvoy are finely cast. There is a supporting cast of genuine excellence.

MURRETTE

Forced perspective is one of the newest developments in motion picture architecture. Until recently, it was thought almost impossible to give the effect of depth in a setting which had to be constructed in a limited space on a studio stage. Many foreign films which have been shown in this country obtained the effect by the use of the cubist art. This was done by painting lines which, when photographed, gave the idea of extreme distance.

The process used by Robert M. Haas, are director in showing a pail corridor for Jack Holt's new Paramount picture, "While Satan Sleeps."

at the Friends church Sunday, Dec. 24. The "Helping Hand class of the Christian church met at the home of Mrs. Ida Gunkle, Thursday evening. The scripture was read by Mrs. McVay, followed by the Lord's prayer and music on the victrola. Mildred Rich, Mrs. Lila Hatfield, Hazel Hatfield, Josephine Hamilton, Elizabeth Ward, Mrs. Nicholson, Mrs. Fagan, Mrs. McVay, Master George Sowers, Merritt Nicholson, Rev. Scott, George Smith, George Sowers and John Linderman were present. The following members were present: Mrs. Flora Linderman, Mrs. Clarice Bradbury, Mrs. Will Blizard, Mrs. Orville Rich, Mrs. John Gockey, Mrs. George Sowers, Mrs. George Smith, Mrs. Charles Smith, Mrs. Laura Stigleman, Mrs.

which is playing at the Murrette theatre was purely a matter of construction. A series of arches of various heights was set up a short distance apart. When the scene was photographed it gave the effect on the screen of a corridor 125 feet long. Fritz Brunette plays opposite Mr. Holt in this gripping photoplay.

MURRAY VAUDEVILLE

"Currents of Fun" is the feature act of the bill now playing at the Murray theatre. Besides a brilliant electrical display, this act has bits of comedy as a variety. To show that the act is as represented, a committee from the audience is selected to sit on the stage during the act. This committee also helps with the experiments that are made by Madame Burnell. The drop and other property carried by the act, lends an added attraction, to the performance.

Kelly and Pollack, billed as "Vaudeville Past and Present," offer a variety of comedy that is seldom seen on a local stage. The act is commendable for its clean bits of by-play. All fun lovers will have an opportunity to laugh to their hearts content, when witnessing this act. Both members of this team have the art of mirth making.

The act billed as "Octavo" is one of the cleverest acts of its kind ever presented. A mystery is interwoven throughout the act, and it is not known until conclusion whether the singer be man or woman. Octavo possesses an unusual voice, singing in three octaves.

Page and Green are booked to open the bill, but due to an injury sustained Sunday afternoon by Mr. Page, Mr. Green does the act alone. High class tumbling and a thrilling climax features the act.

Florence Boyd, Mrs. Carrie Hatfield, Mrs. Ida Gunkle, Mrs. Nan Bond, Mrs. Mary Roller.

DUNLAPSVILLE, Ind.—Miss Freda Brookbank was a guest Sunday of Miss Charlotte Bond at Quakertown. Mr. and Mrs. Will Potter and grandsons, Ralph Potter of Walnut Lane farm north of here were guests of relatives at Quakertown Sunday. Mr. and Mrs. Jack Booth were guests of Mr. and Mrs. Lloyd Nickels and son, Quinton at their farm home west of here Sunday. Mrs. Nan R. Leech and daughter, Miss Malinda, arrived here Sunday. Mrs. E. E. Carl is a guest of his son, Miles Pat, and family at Falmouth this week. Mr. and Mrs. J. L. Bryson of Maple Drive

farm east of here entertained at a turkey dinner Saturday. The guests were Mr. and Mrs. Clint Bryson and son, Robert of Rose Hill and Fred Fisher and family of Spring Valley farm. Mr. and Mrs. Wallace Nickels of Pleasant were guests Wednesday of Mr. and Mrs. Clint Bryson. Mrs. Mabel Darter and daughters, Nellie and Corine, of near Hickory Grove were guests Sunday of Mr. and Mrs. George Crist. Mr. and Mrs. Fred Fisher and daughter, Mariha Jean, of Spring Valley farm spent Thursday with relatives in Liberty. Mrs. Mary Richardson was delightedly surprised at her home here Sunday morning, when her daughters with their families came with well-filled baskets of delicious nibbles in honor of her seventy-first birthday. Those present were Mr. and Mrs. George Kuhn of Liberty, Spring Valley farm and daughters, Besie and Helen, of Brownsville, Abe White and family of Bentley, Clabe Brandenburg and family and Tommy Richardson and family all of Eli's Creek and Mr. and Mrs. John D. Richardson and son, Joseph, of Clifton.

LIBERTY, Ind.—The Community song service held at the Coliseum Sunday afternoon under the direction of Miss Helen Bartlett, music supervisor in the Liberty Center township schools was a decided success. The school children from Liberty and center township took part. A large audience listened to the well rendered program. Each number was a Christmas song. The annual Christmas party of the City club was held at the library Friday afternoon. The room was appropriately decorated in keeping with the season. A huge Christmas tree brilliantly lighted bore gifts for each member. Refreshments were served.

vaudeville program was given. Charles W. Stivers, veteran newspaper man, is seriously ill of bronchitis and la grippe. Mrs. Clara Brookbank has returned after an extended visit with her daughter, Mrs. Will O'Brien, in Toledo. Frank Bethge was in Indianapolis Friday and Saturday. The December meeting of the Alpha Zetta Kappa was held at the Presbyterian Manse. Miss Ruby Robeson, was the leader. Miss Corine Conner read a very able paper on the Indian. The following officers for 1923 were chosen: President, Juanita Calkins; vice-president, Corine Conner; secretary, Goldie Wolfe; treasurer, Ruby Robeson. Mrs. Walter Tromeyer and James Donahue of Cincinnati have been guests of their sisters, Mrs. F. X. Cronin and Mrs. James O'Toole. Miss Charlotte Dubois of the Western college is home for the holidays.

CAMDEN, Ohio.—C. A. Smith spent Saturday and Sunday with his niece, Mrs. Walter Graham, and family in Hamilton. T. E. Davis was in Eaton Saturday. The series of meetings that have been held at the M. E. church the past three weeks closed Sunday with an all-day meeting and lunch at the church. The evangelist, Rev. Walter Nash, returned to his home in Springfield, Monday. Sam Morton's sale of farming materials will be held Wednesday. The ladies of the M. E. church will serve lunch. Mr. Morton will soon move to his new home lately built on South Lafayette street. The Parent Teachers' Community club will have a chicken supper Wednesday evening. The schools will give a Christmas program after the supper. Clay Klopp and family have moved to their new home in the west part of town. Miss Dorothy Slover,

Leah Reeve, Dorothy Fryer, Esther Caskey and Cecil Neff are home from Miami for Christmas holidays. J. P. Scott left Saturday for Detroit and St. John, Mich., to spend the winter with his sons, Clifford and Walter. Miss May Robinson was in Eaton Saturday afternoon. Mrs. C. E. McFall spent Saturday afternoon with her son Ralph and family in Eaton. Mr. and Mrs. Frank Eikenberry spent Thursday and Friday in Cincinnati. Miss Leola Mitchell visited friends in Richmond over the week-end. Mrs. W. T. Pheals was a Dayton visitor Thursday. The Eastern Star held its installation services Friday evening of last week. They will have a banquet in their lodge rooms Thursday evening of this week. The members of the lodge whose birthdays come in October, November and December entertain the lodge. They will have a Christmas party. Mr. and Mrs. Howard Pattison and daughter, Mary Helen, were in Eaton Saturday.

ANTIOCH, Ohio.—Mrs. J. C. McConeaghey has returned to the home of her daughter, Mrs. William Schlenz, after several weeks spent at a Cincinnati hospital. Mr. and Mrs. E. E. Weidner and Mrs. Mary Lincoln were visitors Sunday of Mr. and Mrs. Charles Hart. Mr. and Mrs. E. E. Weidner and sons were Dayton visitors Saturday. Mrs. C. A. Krome was one of a party who visited with a W. C. T. U. exchange Saturday in Eaton.

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Turkeys, Ducks, Geese, and Chickens. I have the Best and Largest Stock of Poultry in the City. The early Orders Secure Choice Selections.

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To make it IMMEDIATELY POSSIBLE for every family in this city to have a world-famous Grafonola, we make this astounding offer:

FIRST—Sign the dollar-FREE Coupon and bring it here. It will act as your cash-down payment on any Grafonola in our stock! You pay nothing more for one month! We will deliver the

Grafonola to your home within two hours!

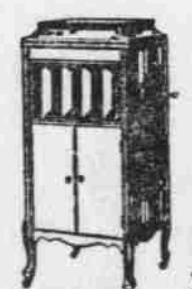
SECOND—YOU NAME THE TERMS! This unheard-of feature of our offer is to make it possible for everyone to buy a Grafonola as they can best afford to pay for it! This lets the bars down! The Grafonola is now within reach of all! Read on—

Dollar-FREE Coupon puts a Grafonola in your home within two hours!

This offer is limited in time and in the number of instruments to be sold! Your chance to get yours is to sign the dollar-FREE Coupon at once, bring it here quickly and have the Grafonola delivered within two hours! It will prove the finest home investment you ever made! It will pay you dividends of delight that nothing else can equal! But—you must act quickly!

Realize what music will mean to you and to your family! Its effect in the home is wonderful! Its educational influence on children cannot be overestimated. You have the whole world of music and entertainment to draw on!

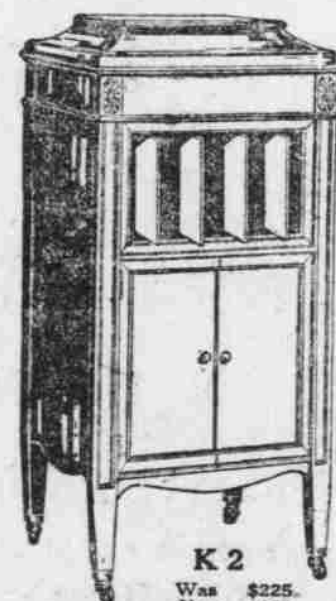
Your wonderful opportunity is NOW! Have a Grafonola sent to your home without the unnecessary delay of a minute!



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Was \$150
Now 125
Cash Coupon 1
SAVED \$26



L2
Was \$275
Now 175
Cash Coupon 1
SAVED \$101



K2
Was \$325
Now 150
Cash Coupon 1
SAVED \$175



D2
Was \$75
Now 60
Cash Coupon 1
SAVED \$16

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"To Have and to Hold"

With

Betty Compson

Bert Lytell

It's a Paramount

Coming Next Sunday
Wallace Reid
—in—
"Clarence"



"Better Come Early"
Pipe Organ—Concert Orchestra

BIG COMEDY BILL

Tues., Wed.

Current of Fun
Vaudeville's most interesting electrical display presented by Mlle. Burnell and assistants who handle hundreds of volts from marvelous machines. Radio currents and lightning flashes are seen in this dazzling electrical display. This is a "streaking" act and the greatest laughing act we have ever played.

Kelly and Pollack
"Vaudeville Past and Present." Here are two talented artists who have a refined comedy act of high-class caliber. They are fresh from the big-time theatres.

Octavo (?)
He or she sings in three octaves. A vocal oddity. We don't know; perhaps you can figure it out.

Page and Green
"Eccentric Silent Funsters"

FLORENCE VIDOR
in
THE REAL ADVENTURE
5 Reel Feature of Stirring Interest.

Coming Thursday—Al Moore's U. S. Naval Jazz Band; Van and Carrie Avery; O'Connor Girls; Earl and Edwards.



TODAY and WEDNESDAY



JACK HOLT



"While Satan Sleeps"

Also Mermaid Comedy
"Steeple Chasers"

and
Pathe News Weekly

Coming Thursday
"RED FOAM"