

DESCRIBE OPERATION OF NEW FILTER PLANT

How Filtered Water Storage Tank Works; Picture of In- terior Is Explained

On page No. 26 of this week's Press is an unique picture. It shows the interior of the huge filtered water storage tank which is a part of Highland Park's new filtration plant now under construction. The new plant was designed by Pearse, Greeley & Hansen, engineers, of Chicago. The following description was furnished by George B. Prindle, who represents them as resident engineer.

The filtered water basin of a water filtration plant is a covered storage tank in which the finished or filtered water is stored preparatory to pumping it into the mains. In sequence of operation it is the last unit of the plant, but because it extends far underground—deeper than any other structure of the plant—it is the first to be built. Although the storage basin of the new plant is very large, being nearly one-hundred feet square, few people who visit the finished works will be conscious of its existence, as it will be entirely underground. Only those who have watched the progress of construction will realize how much work was involved in building this unseen but very important section of the new plant.

Description of Picture

In looking at the picture, imagine you are in a room 100 feet long, 95 feet wide and 20 feet high. You are standing on a concrete floor, and the walls which surround you are of the same material. The ceiling is also of concrete, and is supported by concrete columns. There are forty-nine of these ranging from fifteen to eighteen inches square. As you look at the ceiling you will be sure it is made of lumber, for you can see the cracks in the boards and even the grain of the wood. But you will be mistaken. The markings you see were moulded into concrete by the wood forms which supported the ceiling when it was poured.

In the far end of the "room," as shown in the picture, you will notice round holes in the ceiling, with cast iron pipes sticking through them. There are twenty-four of these, and when the plant is completed they will bring filtered water down from the filter beds which will be built above them. This water will not spill directly into the "room," but will be collected in other pipes, yet to be installed, and taken out through the far wall of the "room" to a pipe gallery, where it must pass through regulating devices, for reasons which are no part of this story. A little later, all the filtered water comes back, and is spilled into the "room."

5,000 Gallons a Minute

When the plant is operating at full normal capacity, nearly five-thousand gallons a minute will be coming in. At this rate, in a little over four hours the "room" will fill to the overflow, which is located a few inches from the ceiling, and there will then be 1,250,000 gallons of filtered water in storage, ready to be pumped into the mains.

After the new plant is in operation this basin will at all times be kept as nearly full as feasible, by regulating (Continued on page 38)

Plan Straw Vote on New Lighting System in Highwood Shortly

In a short time the voters of Highwood will be given an opportunity to indicate their opinions upon the question of a bond issue for the purpose of financing a new street lighting system for that city. This will be done by means of a postal card straw vote to be taken by the Highwood Chamber of Commerce, and the cards will be sent out in a few days. All who receive them are urged to indicate their position in the matter on this questionnaire and return the cards immediately. The straw vote will then be taken.

It is to the interest of all who are interested in the progress of the city to take part in this movement, which has the co-operation of the city administration, and if the straw vote is favorable, it is expected that a special election will be called to vote legally on the question.

It is well known that better lighting is an improvement to any community adding to the safety of both life and property, and the chamber of commerce is assured that in this proposed improvement every citizen of Highwood will be greatly benefited.

Lions Club Meets at Noon Luncheon

The regular weekly meeting and luncheon of the Highland Park Lions club is held at noon today at the Green Teapot, with President W. H. McKillip in the chair. The club is favoring the erection of welcome signs or articles at the several entrances to Highland Park and has asked several architects to submit drawings and suggestions in this connection. This matter will have further consideration. Members who attended the joint meeting at Evanston last week report a very enjoyable session.

Popular Young Couple Are Married Saturday

Announcement is made of the marriage of Miss Hazel Easton, daughter of Mr. Albert Easton of Chestnut street, and Mr. Le Roy Scully youngest son of Mr. and Mrs. Philip Scully, Sr., of Deerfield road. The ceremony was performed by Justice of Peace in Waukegan Saturday morning, August tenth and was witnessed by Mr. Scully's parents and Miss Easton's father and stepmother. Following a wedding breakfast, the young couple left for a short honeymoon through Wisconsin, after which they will be at home on Osterman avenue.

Several Deaths Are Reported During Week

Mary Helen Cole, little daughter of Mr. and Mrs. Robert Cole of Deerfield, died Monday at the Highland Park hospital, aged one year and ten months. The funeral was held Thursday morning at 10 o'clock at the home of George Schwalback 600 Central avenue, and burial was in St. Mary's cemetery.

Mrs. Marian D. Kearns of Boston, who had been visiting at the home of E. C. Weissenberg, 2329 Pierce road, died Tuesday night in the Evanston hospital. The body was sent to Boston yesterday for burial.

Prominent Couple Are Married Sunday

Mr. and Mrs. Fritz Bahr announce the marriage of their daughter Mona to Charles F. Grant of this city. The ceremony took place Sunday afternoon at four o'clock in Christ's Episcopal church, Winnetka.

Miss Mona was very attractive in a grayish green suit and gray hat, and a shoulder bouquet of orchids and lilies of the valley.

Miss Anna Bahr and Mr. Howard Huber were the only attendants.



Anna wore a brown chiffon velvet suit with hat and shoes to match, and wore a shoulder bouquet of gardenias and lilies of the valley.

A delightful dinner was enjoyed at the Palmer House after the ceremony, after which, Mr. and Mrs. Grant departed for Montreal from where they sailed yesterday (Wednesday) for a seven weeks trip abroad visiting Scotland, England, France, Germany and other countries.

They will be at home after October 15 in the Highland apartments.

Both Mr. and Mrs. Grant are prominent residents here, Mr. Grant being vice president and cashier of the Highland Park State bank.

Favor Kapschull for District Commander

Legion members report that Charles C. Kapschull of Deerfield, who has long been prominently interested in the welfare and progress of that organization, has been persuaded by his friends to be a candidate for district commander of the Eighth district at the annual state election of the organization this fall. It is reported that Mr. Kapschull has the endorsement of practically all the Legion posts in Lake county, which comprises the 8th district, and his election seems assured, according to his supporters.

Luncheon-Bridge

A special luncheon and bridge party will be held at Exmoor, Friday, August 16. This is the second year this has taken place and it is being held during Home Tournament week. Members may bring guests.

S. GREEN BAY ROAD CONTRACT AWARDED

Highways Construction Co. Gets Job for \$122,503.20; To Begin at Once

Contract for the construction of the South Green Bay road paving was awarded to the Highways Construction company of Highland Park at a special meeting of the city council held last Saturday. The contract price is \$122,503.20.

Active operations will be begun immediately and the expectation is that the pavement will be ready for traffic early this fall, probably in November.

The contract includes the laying of a storm water sewer along with the pavement work.

To Be 33 Feet Wide

The section of Green Bay road to be thus improved extends from Edgewood road, the end of the present brick pavement, to the county line, a distance of more than a mile. The pavement will be 33 feet in width, including curbs.

A large number of bids for the contract were received, and all were very close in figures offered, City Manager V. C. Musser reports. The Highways Construction company was the lowest bidder.

The north section of the work will be started first, and while it is in progress traffic will be detoured on (Continued on Page 43)

Northbrook Day Is Great Success; List of Prizes Awarded

The Northbrook Day celebration and pageant last Saturday was a great success with large attendance and many interesting attractions. Most of the events were completed before the rain came up, and after the shower, the remainder of the program was carried out successfully to the great enjoyment of all attending.

Gold medals were awarded the following individuals: Grace Meier of Indian group; Mrs. Nellie Lutter of the early church group; Mrs. Erma Kreig of the singing society group; Raymond Dobbins, leader of the singing society; Peter Bellert of the first village board; Norman Carstensen of the first village board; Mrs. Edna Keist of the early school group; Henry Biehl as Robinson Crusoe.

Silver medals were awarded the following: Mrs. Jacob Kiest of the log cabin group; Eleanor Lawrenz of the Girl Scouts; Katherine Glore of the covered wagon group, William Bernhardt of the early church group; Ellen Meier of the early school group; Mrs. Levi Schinleber of the Schinleber family group; Grace Dobbins of the singing society group; Mrs. Rob- (Continued on Page 43)

Ravinia Tennis Club to Sponsor Tournament

The Ravinia Tennis club are again sponsoring a tennis tournament this summer which will begin on Saturday, Aug. 24 with the finals on September 8. Final entries must be in by Friday, Aug. 23, to Mr. Eugene Kern, Ravinia, Ill., telephone H. P. 4066.

COMMERC MON

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