

ENGINEERING PROBLEM TO KEEP SUBWAY FREE OF WATER AND GASES

Difficulties Arise at City Hall Where the Tube Will Dip Considerably Lower Than Its Normal Depth

"SUMPS" FOR DRAINAGE

Two of the most important problems confronting the engineers in the construction of the Broad street subway under City Hall will be the drainage and the proper ventilation of the tube.

As the track level of the subway will be from 10 to 12 feet below the city water level, large quantities of water will seep through the rock and the concrete foundations of the subway and naturally will flow into the pocket created by the dip in the tube.

The drainage problem may be realized better when it is understood that the level of the subway under City Hall will be approximately 25 feet below the sewer line under Market and Broad streets.

A sump in engineering means a pit below the working level of the excavation, into which the water will drain.

In the section of the subway running beneath City Hall half a dozen such sumps will be located, all connected by a branch drain pipe.

Several small drainage sumps of similar nature were constructed. As the track level of the Market street line is only a few feet below the top of the main sewer, the engineering difficulties here were not great.

The ventilation of the Broad street subway will be less difficult, although none the less important problem than the drainage.

The specifications under which the contractor will work require that the present ventilation system of City Hall, with its series of air ducts and air chambers, will be used as a basis for the subway ventilation.

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Ten boys, none of whom is more than 12 years of age, left the Railroad T. M. C. A. today for a hike to Wilmington.

Theatrical Baedeker

GARRICK—Lynn Howe's Travel Pictures. The first week will show the American Navy's native life in the Philippines.

KEITH'S—Tom Lewis and company in "Breath of Fame," "Myriad of Miracles," "The Sunshine Girl," "The Sunshine Girl," "The Sunshine Girl."

NIXON'S GRAND—"The Earl and the Girl," a tabloid production, headed by Victor Kahn.

CHORUS KEYS—Musical Festival: Joseph K. Watson, a Philadelphia; the Five Bragsons, the Reynolds Trio, Sobini and Grovin, Sawyer Brothers and movies.

ALHAMBRA—"The Masquerade," starring Mr. and Mrs. E. DeComa, Marsh and Frye.

WOODRIDGE PARK—"The Novelty Minstrels, the American Society, Lucile Savoy, the Soprano; George Martin and the Walley Trio.

THECADERO—"The Lady Buccaneers," with Mrs. De Sancer.

STONEY—George Fawcett, in "The Majesty of the Law."

"10-Cent Baseball"—Stoney McLinn says there is no such thing because the real sport can't be sold for a dime.

SPORTS MAGAZINE

ONE MORE TOWN BUILT FOR A PHOTOPLAY

Spanish City Square Permanently Constructed for Farrar's "Carmen"

By the Photoplay Editor

Probably the most elaborate and largest exterior scene ever constructed of steel and wood for the single purpose of providing a background for motion-picture scenes is the recently finished Plaza de Torres for the photodrama production of "Carmen," in which Geraldine Farrar, internationally famous as a prima donna, is the star.

Some of the most stirring and picturesque scenes in "Carmen" take place in the Plaza de Torres, of Seville, Spain. In the production of "Carmen" in opera form the Plaza de Torres is pictured on canvas. In the photoplay production this famous spot is actually shown in replica of steel, wood and plaster.

The setting includes the intersection of two streets with buildings two and three stories in height, on the front of which are balconies and porches. In the center of the plaza is an elaborate drinking fountain with running water. This particular part of the setting may be retained permanently, as it is built of brick and concrete and as its usefulness has been so frequently proved.

The unusual character and elaborate pretentiousness of the Edison feature masterpiece, "Vanity Fair," starring Mrs. Fluke, has made necessary a change in the advertised release date.

"In its place the Kleine feature, "The Money Master," founded on Cleveland Moffett's play, "The Battle," completed some months ago and recently given its finishing touches, starring Frank Sheridan, supported by Paul McAllister, Frank Marhoff and others, will be released September 8.

The Western garb usually worn by William S. Hart has been put away in moth balls for the present, and he is now strutting about the NYMP stages in a "soup and fish" costume make-up, the tails of which have not been trimmed. Mr. Hart is appearing in "Between Men," a story of American life, with scenes in the West and New York city.

Cyril Maude is again in London after his arduous spell of toil in screen acting in Los Angeles. When he has sold his theatre "The Playhouse" he will hasten back again to the irrepressible call of the Pacific Coast and start upon a film adaptation of "Aramp," possibly during the fall. Maude's only appearance on the screen before "Peer Gynt" was made about three years ago in a version of W. W. Jacobs' comedy, "Beauty and the Beast."



GEORGE NASH Appearing on the screen in the Brady production, "The Cotton King."

GUNS THAT ARE POUNDING RUSSIAN LINES TO PIECES



The picture shows two of the big siege howitzers in action against Warsaw. In three weeks these guns have battered their way through eight powerful strongholds, the great fortress of Brest-Litovsk being their latest victim.

RAILROADS TO BLAME FOR MOSQUITO PEST

City Entomologist Declares They Should Have Drained Meadows to South.

The mosquitoes that have afflicted this city have been more numerous this year than ever before because the Pennsylvania and the Schuylkill River East Side Railroad companies have built embankments across the meadows in South Philadelphia without providing proper drainage for the sections cut off, according to City Entomologist Herbert Hornig.

He asserts that the stagnant, mosquito-breeding water which covers the land in that section could have been carried away by conduits under the tracks and a system of branch sluices. Mr. Hornig said that when he went into the meadows to investigate the situation he was attacked by a cloud of mosquitoes so vicious that the blood from the stings covered his face and, running into his eyes, blinded him.

Mr. Hornig emphatically declares that Councils have been woefully negligent in providing funds with which to combat the evil, and points out that he has had at his command only 14 laborers to pour oil on ponds and fill swamps and ponds with earth. To show how vast the task is, he asserts that 1500 wagon loads of earth have been dumped in a pool at 57th and Florence streets, where two children were drowned this summer, and that it was still deep enough on Tuesday to drown a horse which fell into it.

SEEK GERMAN SPIES HERE

Secret Service Men Scan Faces of the Suspicious Looking

Search was continued today by the United States Secret Service and the police in an effort to locate members of a German spy movement said to have been active in this city or its vicinity.

All vessels leaving this port today for European countries are being closely examined and suspicious-looking characters are being closely watched.

The investigation followed the arrest in Washington on Wednesday of Gustav Kloppsch, a German reservist, who is accused of having photographs and drawings of Fort Mifflin and the new fort now under construction at Cape Henry.

Police Court Chronicles

There is a new milk inspector in town. His mysterious actions caused no end of trouble to the police in the northwestern part of the city. He doesn't stop the milk wagon drivers and test the liquid with a thermometer. He simply uses his eyes and a magnifying glass.



stealthily, pull out the mysterious glass and hold it over the bottles.

Word was sent to the police station, and as the cops never heard of a house milk inspector, Policeman Forney was sent on the trail of the stranger. He followed him for a block or two, and as the man left each bottle safely on the step, the bluesoot was convinced that he was very sincere in his work.

The inspector ran when he saw the cop approach, but was caught after a chase of two blocks. When he confronted Magistrate Greis the prisoner hesitated about explaining his actions. Finally he declared that he was a buttermilk fiend and admitted that lack of cash prevented him from indulging in this dissipation.

Keller confessed that the glass which he carried enabled him to tell quickly whether a bottle contained sweet milk or his favorite brand. The judge gave him a permanent address for three months at the House of Correction.

Prize Goes to Wanamaker Party

The Rodman Wanamaker Indian expedition, of which Dr. Joseph K. Dixon was the head, has been awarded a grand prize for uplift work by the Panama-Pacific Exposition jury of awards. Doctor Dixon was awarded a silver medal. The award was conferred for an exhibit of photographs and motion pictures illustrating the life and customs of the different tribes and for the plans for a national monument to the American Indian near New York.

TRAP SET FOR ANIMAL WHICH POISONED CHILD

Family Flees in Dread of Mysterious Stinger, Which Eludes All

Traps baited with raw liver were set today in the home of Henry S. Dooley, of 1877 South 37th street, to catch the mysterious spider or scorpion that nearly caused the death of Dooley's 11-month-old son by its bites. The strongest kind of disinfectants have had no effect on the mysterious animal or insect and the trap method is the last resort.

Mrs. Dooley and the baby have gone to the home of a relative and will remain there until the bug is captured. Dr. Hermann Hornig, the city entomologist, who spent most of yesterday trying to drive the bug from its hiding place, feels sure that it is not a tarantula, the bite of which is nearly always fatal.

Neighbors of the Dooleys are becoming terrified by the failure of the city entomologist to kill or capture the mysterious creature. The Dooley home is now swept clear of every bit of food except that contained in the special traps set by Doctor Hornig. In the hope that the stinger will become hungry. The neighbors, however, fear that it will get into one of the adjoining houses through cracks in the walls.

From descriptions given by Dooley, who saw the creature several times, but always failed to kill it, Doctor Hornig believes that it is either a scorpion or an unusually large variety of spider. Both scorpions and spiders are classed as animals by zoologists.

Should the liver-baited trap fail Doctor Hornig will make an effort to get a large female spider to lure the bug from its hiding place.

TALL CEDARS' ANNUAL OUTING

Picnic and Home-Coming Tomorrow at Willow Grove

Philadelphia Forest No. 10, Tall Cedars of Lebanon, whose headquarters are in the Parkway Building, Broad and Cherry streets, will hold the annual picnic and home-coming at Mineral Springs Grove, Willow Grove, tomorrow. There will be baseball and races. Louis H. Foster, the Grand Tall Cedar, is making special preparation for the entertainment of the women and children. The Tall Cedars will be accompanied by their band of 60 pieces and their 50 rangers. Forests from Norristown, Spring City and other points will participate.

SOFT-SHELL CRAB INDUSTRY THREATENED WITH DESTRUCTION

Catch This Year Dwindles by One-fourth, a Fact Attributed to the Dredging of the Breeding Grounds and Capture of Female Crustaceans

Soft-shell crabs may soon become a luxury, that only those with bulging pocketbooks can afford, and possibly the delicacy will disappear from the market altogether, according to fishers of Chesapeake Bay, the world's greatest breeding ground for edible shellfish.

The catch in these waters this year is said to be only three-fourths as large as that of last year, and will be even smaller next season, it is believed, unless the industry is protected by adequate legislation.

The main difficulty is said to lie in the attitude of the State of Virginia toward the fisheries, for although it is estimated that the annual catch is to be valued at several million dollars, crabmen say that the dredgers at Hampton, Va., have been allowed to dredge the crab-breeding grounds in the winter time, gathering in crabs of every size, disturbing the spawning and raising the beds.

MARYLAND NEGLECTFUL. Maryland is said to have been grossly neglectful of the rights of her citizens. The boundary between the two States is the low-water mark on the southern bank of the Potomac, yet Maryland has allowed crab fishers from Virginia to use the waters at will, while the latter State has passed laws which provide confiscation of ships and imprisonment of the commander of ships not of Virginia registry which fish the waters of that

State. Again, no resident of Maryland may operate or even hold stock in a Virginia fish factory.

Further evidence that the industry is doomed to eventual destruction lies in the fact that female crabs, formerly discarded by all Maryland crab fishers, are now found in the markets of all cities in the Eastern United States, and although some like the flavor better than that of the male crab, it is said that the extermination of so many females will only hasten the ruination of the business.

Crabs seek warm water during the winter months and come to the shoals of the Chesapeake by the thousand. Swayson Earle, engineer of the Maryland Shellfish Commission, asserts that almost 90 per cent. of the crabs found on the shoals during the winter are females. It is this field that is dredged each winter by the crab dredgers of Hampton, Va.

BEQUEATHS \$10 TO CHILDREN

Adolph Schultz's Will Leaves Residue of \$2000 Estate to His Widow

Adolph Schultz, late of 229 Wood street, bequeathed to his two children, William and Frieda Schultz, \$5 each from an estate of \$227.88, in his will, admitted to probate today. The residue of the estate is devised in trust for the widow, Johanna Schultz, who is to receive the principal at the end of 10 years.

Other wills probated today include those of John W. Platt, who left \$25,000 in private bequests; George Cooper, \$400; Catherine T. Kelly, \$200; Lawrence E. Dine, \$183; George M. Thompson, \$160.

Personal property of Mary S. Dickey has been appraised at \$616.39; Anna Kemble, \$1561.34.

PRESIDENT TAKES A STROLL

Spends an Hour on the Streets of the Capital

WASHINGTON, Aug. 27.—President Wilson started his daily exercise by strolling in the streets of the capital for an hour today. He first went to his bank, several blocks from the White House.

Then he walked up 14th street, stopping occasionally to gaze at window displays. The President chose a quiet hour of the morning, when the streets generally are not congested, and attracted little attention. Several secret service men accompanied him.

On the return to the White House the Chief Executive and his escort passed through the Treasury Building.

Advertisement for Fels-Naptha soap, featuring the headline 'You get an unbeatable combination when you take a good soap and then add that wonderful cleanser-naptha. That's what you get in FELS-NAPTHA' and 'The soap softens the water, makes good suds, loosens the dirt. The naptha and other harmless cleansers dissolve the grease, make the dirt disappear and whiten the clothes.' It includes a coupon for a trial.

Large advertisement for HEPPE rental service. It features the headline '\$2 will place a Victrola in Your Home TOMORROW!' and describes three outfit options: Heppe No. 4 Outfit (Victrola IV and cabinet for \$15, cabinet special price 10, records 4.50, total \$29.50, pay \$2.50 monthly), Heppe No. 6 Outfit (Victrola VI and cabinet for \$25, cabinet special price 12, records 4.50, total \$41.50, pay \$3 monthly), and Heppe No. 8 Outfit (Victrola VIII OAK for \$40, records 5, total \$45, pay \$3 monthly). It also includes a coupon to mail to C. J. Heppe & Son at 1117-1119 Chestnut Street.

C. J. HEPPE & SON 1117-1119 Chestnut Street 6th and Thompson Streets