

Meeting of Sanitary Board of Sanitary District #1 of Marin County California held on Tuesday the 6th day of November 1923 at the hour of 8 o'clock P. M. at the Town Hall at San Anselmo.

Present-Commissioners Hecker, Bliss, Carpenter, William
President Hecker in the chair.

Minutes of previous meeting of October 2nd, 1923 read and approved.

Bill was received from the United Iron Works and was disapproved by Engineer Kennedy. Mr. Kennedy was also instructed to take up matter of larger oil caps on the motors.

A delegation of property owners of Kentfield appeared before the Board. Mr. Pape, acting as spokesman told of the present condition of sewers in Kentfield and also spoke about giving relief to Granton Park. Engineer Kennedy was instructed to make estimates and recommendations as to what should be done to relieve the existing conditions. Inspector Farrell was instructed to keep sewer clear temporarily.

Motion by Mr. Carpenter seconded by Mr. Williams that Order #20 Regulating the laying of lateral sewers and the making of connections to trunk line sewer be adopted.

Motion by Mr. Williams seconded by Mr. Carpenter that meeting of Sanitary Board be held the first Wednesday of every month instead of first Tuesday.

Mr. Thomas, representative of Mr. Kennedy, was instructed to secure estimate of cost to fix bridge and obtain release of obligation from S. Ardito of Fairfax.

Motion by Mr. Williams seconded by Mr. Carpenter that the following bills be paid:-

Florence McKay Shadburne, refund tax	\$ 2.90
Arate Bros, rope pick handle & screws etc.,	3.60
Independent Publishing, Election supplies	21.50
Pac Gas & Elec Co-service for September	28.00
M.T. Saunders, acting assessor for preparing assessment rolls	300.00
Standard Oil Co-Gasoline book	10.00
Angelo Costa, 24 1/2 days @ 4.50	110.25
S. A. Lumber Co, Cement sewer pipe 4 x 6	3.32
Northwestern Pac R. R. rental of right of way	1.00
F. Farrell, salary as Inspector	120.00
Pac Tel and Tel Co Service	2.00
Bliss, Hecker, Carpenter and Williams, attendance	20.00
	\$ 622.57

Statement from County Treasurer showed:-

November 1st-Running Expense Fund	\$ 489.06
Construction Fund	1164.16

Nothing further appearing before the Board, meeting adjourned

W. Williams
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**REGULATING THE LAYING OF
LATERAL SEWERS AND THE
MAKING OF CONNECTIONS TO
TRUNK LINE AND LATERAL
SEWERS IN SANITARY DIS-
TRICT NO. 1 OF MARIN COUNTY**

The Sanitary Board of Sanitary District No. 1 of Marin County do order as follows:

SECTION 1. That every person, firm or corporation owning, controlling or occupying land on which any building or tent occupied by people as a dwelling or requiring sewerage facilities is constructed and which fronts on any road or street in which there is a public sewer shall, within thirty (30) days after the acceptance of such sewer by the Sanitary Board, construct a house lateral connecting said building or tent with said public sewer in such a manner that all sewerage waste from such building or tent shall be drained into said public sewer.

Any building shall be deemed to require sewerage facilities from which is discharged waste water from toilets, wash-basins, bath-tubs, laundry-trays, sinks, or floor drains.

SECTION 2. No person, firm or corporation shall maintain any septic tank, cesspool or privy vault on any land owned, controlled or occupied by him, fronting on any public street, roadway or sewer right of way, in which there is a public sewer, for any period of time longer than thirty (30) days after the acceptance of such sewer by the Sanitary Board.

SECTION 3. No connection shall be made to any public sewer or house lateral for the purpose of conducting any storm water or any surface or underground drainage into said sewer, and it shall be unlawful to discharge into any public sewer or house lateral any leader pipe from a roof, surface drain, underground drain or any solid or liquid wastes other than the sewerage composed of the ordinary liquid wastes of residences, business buildings and institutions discharged from baths, toilets, laundries, wash-trays, sinks or floor drains.

SECTION 4. The Sanitary Board, its duly authorized agents, servants and employees shall have the exclusive right to construct public sewers in public streets, roadways or sewer rights of way within the Sanitary District except that within the corporate limits of incorporated towns lying within the Sanitary District, all lateral sewers shall be constructed by or under the authority of the respective Boards of Trustees of said Towns, provided, however, that the plans and specifications for any sewer in any incorporated town within the Sanitary District designed to connect to and become a part of the sanitary sewerage system of the District, shall be approved by the Sanitary Board of the District and the construction thereof shall be under the direction of or to the satisfaction of the engineer of the Sanitary District.

All sewers in unincorporated territory shall be constructed in accordance with the following regulations:

tortion during the construction period and no water or sewerage be allowed on the outside or inside the sewerage during the setting of the joint, making material that will endanger the water-tightness of the joint. All grades shall be so laid that the invert or every entering branch sewer shall be not lower than the center line of the pipe of the main sewer.

Manholes of brick or concrete, four feet in interior diameter and having walls not less than eight inches in thickness with cast iron frames and covers, and with galvanized iron steps, shall be constructed at all junction points of sewers, except the junctions of house laterals with the main sewer. Manholes shall also be constructed at all points where any change in the line or grade of the sewer will tend to retard the velocity of flow therein, and at distances of not more than five hundred (500) feet apart along the line of the sewer.

SECTION 6. Any person, firm or corporation who shall require the construction of a house lateral to a connection with a public sewer, shall first obtain from the Inspector of the Sanitary Board a permit for such construction.

Connection to the public sewer shall be made at a Y branch, the location of which will be given by a duly authorized representative of the Sanitary Board, or in case there exists no Y branch in the public sewer available therefor, connection shall be made by tapping the main sewer pipe under the direction and supervision of a duly authorized representative of the Sanitary Board. Branches so made shall be constructed of the bell end of standard concrete or vitrified ironstone bell and spigot sewer pipe so trimmed that when the cut end is inserted in the opening tapped in the main sewer pipe there shall obtain a clear opening for the full cross-section of both branch pipe and main pipe with no projections that can obstruct a free flow to the full capacity of both pipes. The branch shall then be carefully and thoroughly cemented in place with mortar in such a manner that the joint shall, when the cement has thoroughly set, be as strong as any other part of the sewer and thoroughly water-tight. Branches constructed as above described shall have an angle between the axis of the main sewer and the axis of the branch of not more than 45 degrees and the invert line of the branch shall enter the main sewer not lower than the middle of the main sewer.

SECTION 7. House laterals shall be laid on a uniform gradient of not less than one-quarter ($\frac{1}{4}$) inch vertical to one (1) foot horizontal and at the end farthest from the main sewer shall never be less than eighteen (18) inches below the surface of the ground, providing the minimum gradient of one quarter inch per foot will permit. House laterals shall be constructed of the materials and in the manner that satisfy the requirements hereinbefore required for lateral sewers.

SECTION 8. A house lateral serving a single private residence or a group of buildings located on a single lot shall be constructed in accordance with the following regulations:

ed by the engineer of the Sanitary District and under the supervision and inspection of the representative of the Sanitary Board.

SECTION 5. Lateral sewers shall be constructed of pipe of such a size and on such a grade that the velocity of sewerage flowing therein shall be not less than two (2) feet per second.

Pipe for the sewer shall be either vitrified ironstone, concrete or iron. Vitrified pipe shall be of the best quality, vitrified entirely through, thoroughly glazed on both interior and exterior surfaces, free from defects and of the standard dimensions adopted by the Western Pipe Manufacturers. Concrete pipe shall fulfill the requirements of the specifications adopted by the American Society for Testing Materials, Serial Designation C 14-20. Iron pipe shall be standard cast iron soil pipe, class A Hydraulic cast iron pipe or wrought well casing. Vitrified or Concrete pipe sewer shall be laid at such a depth that the cover of earth over the pipe shall be not less than two (2) feet in any unpaved area nor less than eighteen (18) inches under any pavement. Sewers laid at a lesser depth below the surface of any street than the above named minima shall be constructed of cast iron.

Where a sewer line must be carried across a stream or ravine in an exposed location, the sewer shall be either of cast iron pipe or wrought iron well casing thoroughly protected against distortion or displacement. All pipe must be laid in perfect conformity to the prescribed line and grade.

Each length of pipe shall be laid on a firm bed and have an even bearing for its entire length. Joints shall be thoroughly filled and made water tight with the invert of adjacent lengths carefully laid to the same grade and the interior clean and smooth. Joints must be thoroughly protected from injury or dis-

not and no aggregate shall be constructed of pipe having a nominal internal diameter of not less than four (4) inches.

A lateral serving a hotel, industrial plant or any building or group of buildings having a total of more than six (6) fixtures shall be constructed of pipe having a nominal internal diameter of not less than six (6) inches.

SECTION 9. Any person, firm or corporation who may hereafter desire to connect a house lateral to the main trunk line sewer of the district constructed from the funds known as the "1922 Sewer Bond Fund" shall, before making such connection, obtain a permit from the Inspector of the Sanitary Board and pay a fee of twenty-five dollars. All money received from this source shall be deposited with the Treasurer and credited to the bond interest and redemption fund of said "1922 Sewer Bond Fund."

SECTION 10. Any person who shall violate any of the provisions of this order shall be deemed guilty of a misdemeanor, punishable by a fine not exceeding one hundred dollars (\$100), or by imprisonment not exceeding (30) days.

This order shall take effect from and after the date of its passage.

Passed and adopted by the following vote:

Ayes: Bliss, Carpenter, Hecker, Kent and Williams.

Noes: None.

I hereby certify that the foregoing ordinance was duly and regularly introduced and adopted at a regular meeting of the Sanitary District Board of Sanitary District No. 1 Marin Co., California, held on the 5th day of November, 1923.

W. A. BLISS, Secretary.

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