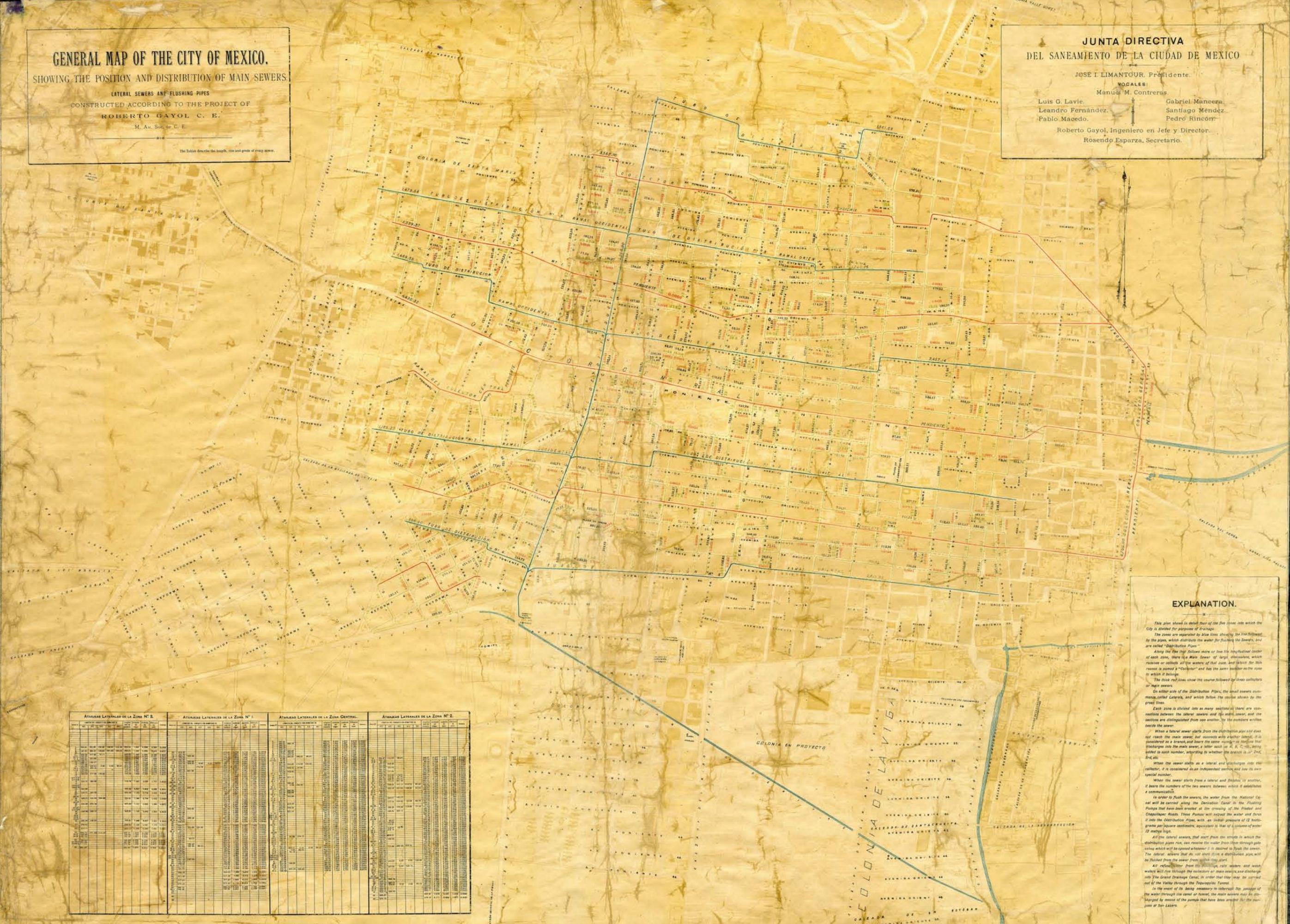


**GENERAL MAP OF THE CITY OF MEXICO.**  
 SHOWING THE POSITION AND DISTRIBUTION OF MAIN SEWERS.  
 LATERAL SEWERS AND FLUSHING PIPES  
 CONSTRUCTED ACCORDING TO THE PROJECT OF  
**ROBERTO GAYOL C. E.**  
 M. Am. Soc. of C. E.

**JUNTA DIRECTIVA**  
 DEL SANEAMIENTO DE LA CIUDAD DE MEXICO

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 Pablo Macedo. Pedro Rincon.  
 Roberto Gayol, Ingeniero en Jefe y Director.  
 Rosendo Esparza, Secretario.



**EXPLANATION.**

This plan shows in detail four of the five zones into which the City is divided for purposes of drainage.

The zones are separated by blue lines showing the line followed by the pipes, which distribute the water for flushing the sewers, and are called "Distribution Pipes."

Along the line that follows more or less the longitudinal center of each zone, there is a Main Sewer of large dimensions, which receives or collects all the waters of that zone, and which for that reason is named a "Collector" and has the same number as the zone to which it belongs.

The thick red lines show the course followed by these collectors or main sewers.

On either side of the Distribution Pipes, the small sewers commonly called Lateral, and which follow the course shown by the green lines.

Each zone is divided into as many sections as there are connections between the lateral sewers and the main sewer, and the sections are distinguished from one another, by the numbers written beside the sewer.

When a lateral sewer starts from the distribution pipe and does not reach the main sewer, but connects with another lateral, it is considered as a branch, and bears the same number as the lateral that discharges into the main sewer, a letter such as A, B, C, etc., being added to such number, according to whether the branch is on the left or right.

When the sewer starts as a lateral and discharges into the collector, it is considered as an independent section, and has its own special number.

When the sewer starts from a lateral and discharges into another, it bears the numbers of the two sewers between which it establishes a communication.

In order to flush the sewers, the water from the National Canal will be carried along the Deviation Canal in the Flushing Pumps that have been erected at the crossing of the Federal and Chapultepec Roads. These Pumps will raise the water and force it into the Distribution Pipes, with an initial pressure of 12 milligrams per square centimeter, equivalent to that of a column of water 12 meters high.

All the lateral sewers, that start from the streets in which the distribution pipes run, are raised the water from these through gate-valves which will be opened whenever it is desired to flush the sewers. The lateral sewers that do not start from a distribution pipe, will be flushed from the sewer from which they start.

All the water from the streets, rain waters and wash waters will rise through the manholes or man-covers and discharge into the Grand Drainage Canal, in order that they may be carried out of the Valley through the Tepic-Toluca Tunnel.

In the event of its being necessary to interrupt the passage of the water through the canal or tunnel, the main sewers may be discharged by means of the pumps that have been erected for the purpose of San Lazaro.

ÁTARJAS LATERALES DE LA ZONA N.º 1.		ÁTARJAS LATERALES DE LA ZONA N.º 2.	
SECCION	SECCION	SECCION	SECCION
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
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100	100	100	100