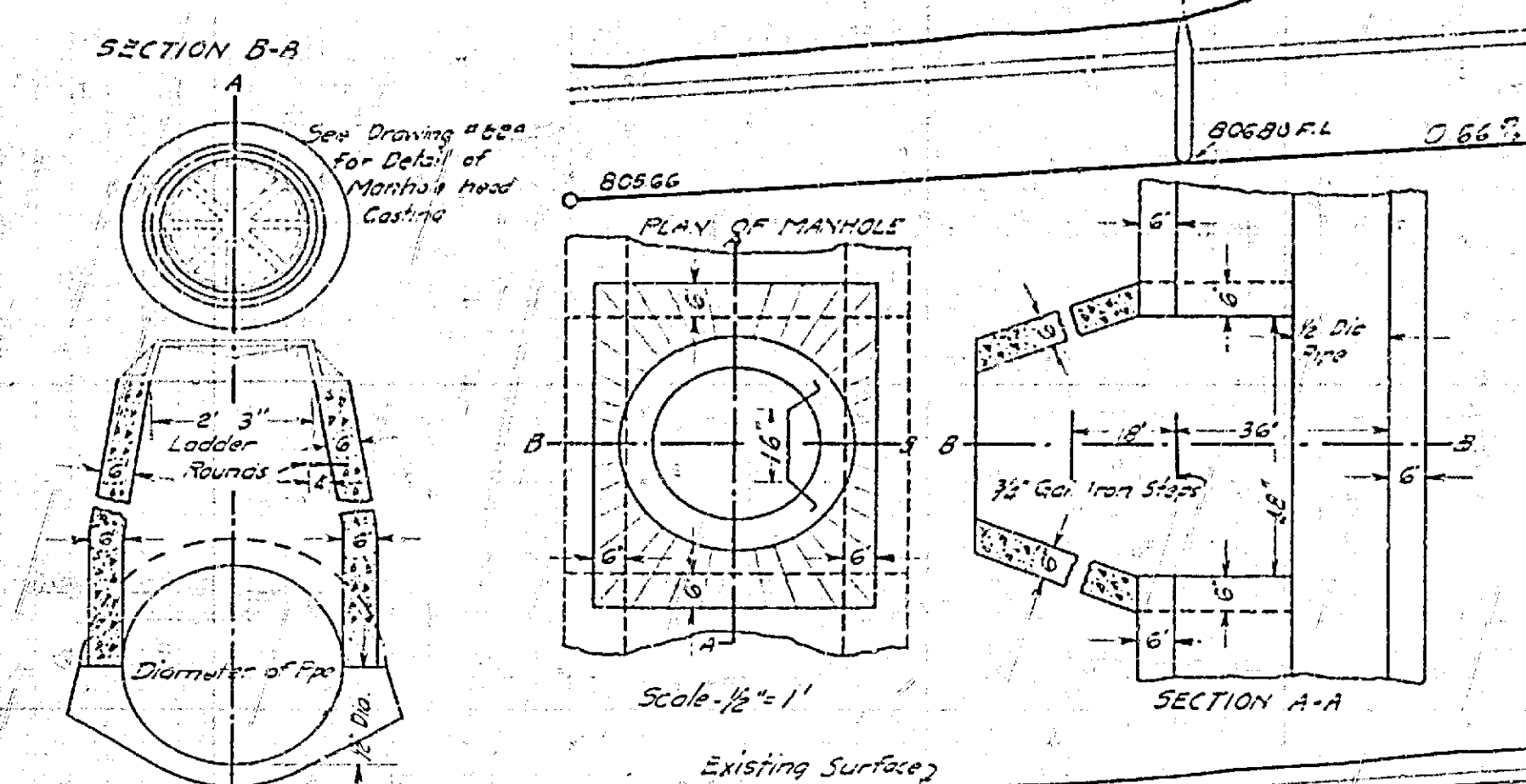
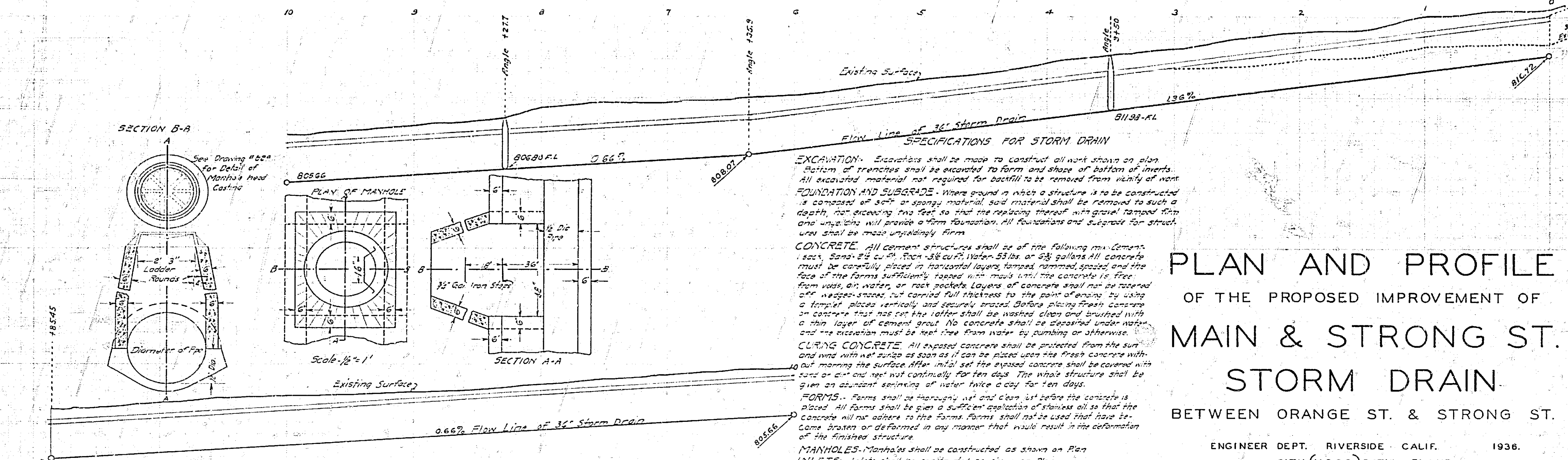


MAIN & STRONG ST. STORM DRAIN			
ORANGE ST. TO STRONG ST.			
Drawing No.	Sheet No.	Total Sheets	Field Book
759	1	2	287
PLACED	CHECKED		
W.B. 10-1-34	H.L. Lewis	10-9-34	



SPECIFICATIONS FOR STORM DRAIN

EXCAVATION: Excavations shall be made to construct all work shown on plan. Bottom of trenches shall be excavated to form and shape of bottom of inlets. All excavated material not required for backfill to be removed from vicinity of work.

FOUNDATION AND SUBGRADE: Where ground in which a structure is to be constructed is composed of soft or spongy material said material shall be removed to such a depth, not exceeding two feet, so that the replacing thereof with gravel tamped firm and unbinding will provide a firm foundation. All foundations and subgrade for structures shall be made unyieldingly firm.

CONCRETE: All concrete structures shall be of the following mix: Cement 1 sack, Sand 2 1/2 cu. ft., Each 3 1/2 cu. ft. Water 53 lbs. or 6 1/2 gallons. All concrete must be carefully placed in horizontal layers tamped, rammed, spaded and the face of the forms sufficiently tapered with mauls until the concrete is free from voids, air, water, or rock pockets. Layers of concrete shall not be tamped off with a trowel, screed, or other device. Before placing fresh concrete on concrete that has set the latter shall be washed clean and brushed with a thin layer of cement grout. No concrete shall be deposited under water and the excavation must be kept free from water by pumping or otherwise.

CURING CONCRETE: All exposed concrete shall be protected from the sun and wind with wet burlap as soon as it can be placed upon the fresh concrete with out marring the surface. After initial set the exposed concrete shall be covered with sand or dirt and kept wet continually for ten days. The whole structure shall be given an abundant sprinkling of water twice a day for ten days.

FORMS: Forms shall be thoroughly wet and clean before the concrete is placed. All forms shall be given a sufficient application of stearic oil so that the concrete will not adhere to the forms. Forms shall not be used that have become broken or deformed in any manner that would result in the deformation of the finished structure.

MANHOLES: Manholes shall be constructed as shown on Plan.

INLETS: Inlets shall be constructed as shown on Plan.

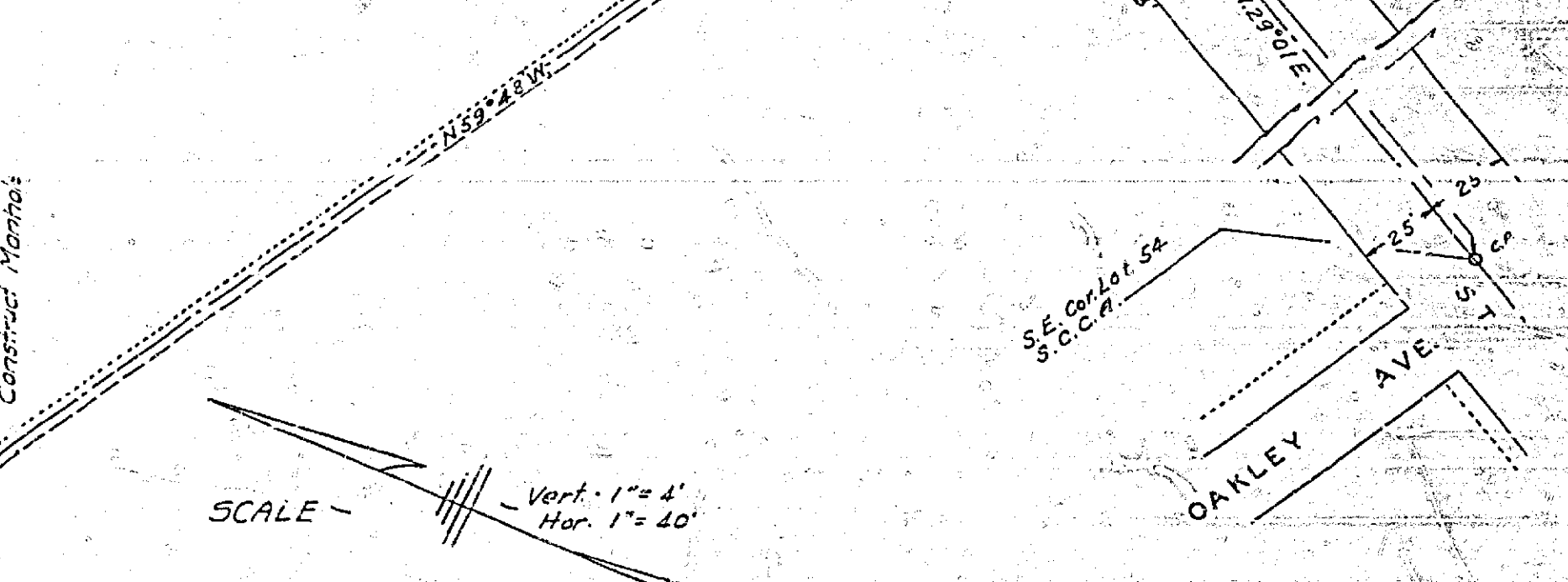
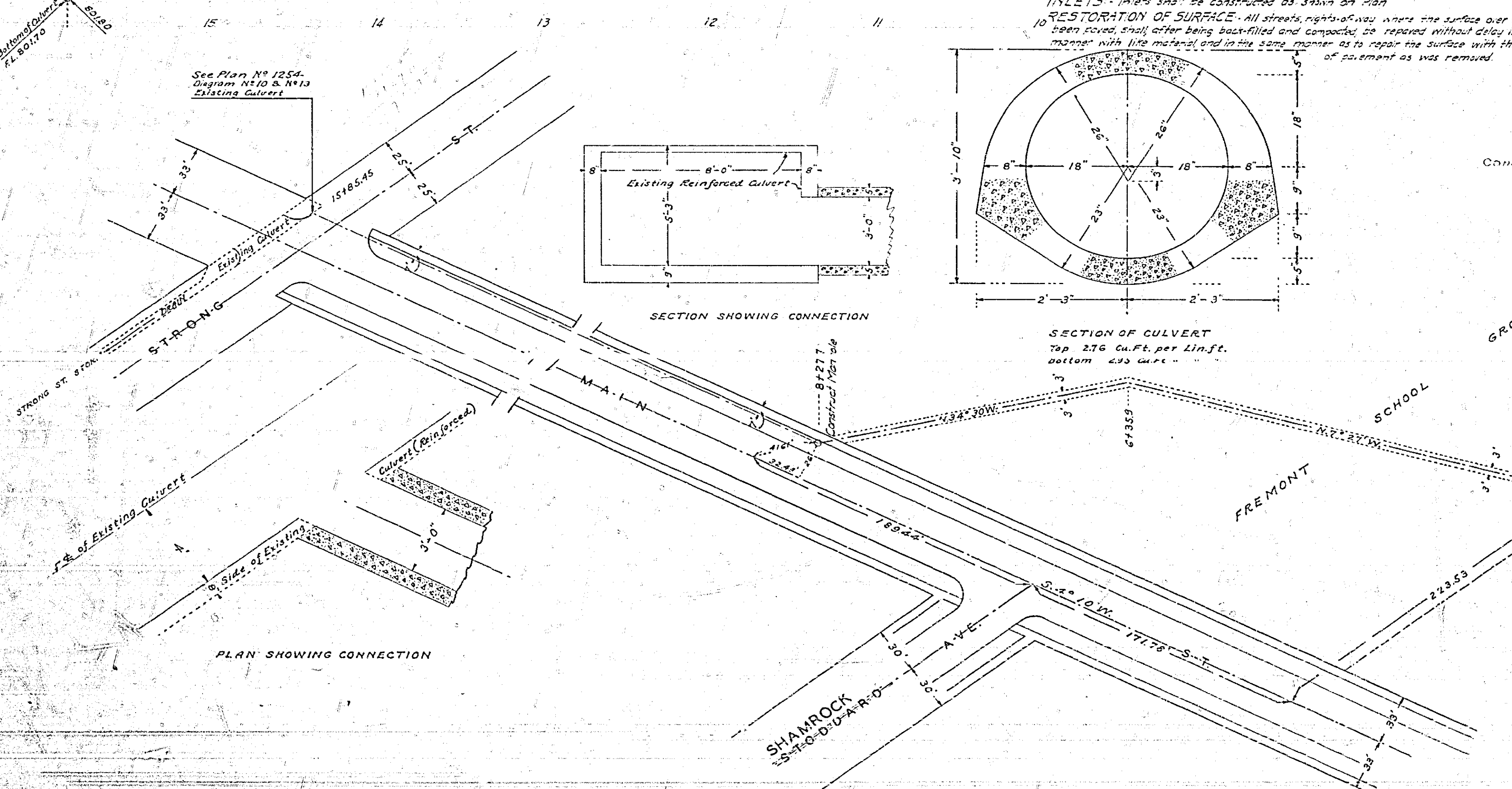
RESTORATION OF SURFACE: All streets, rights-of-way where the surface over the trenches has been raised, shall after being back-filled and compacted, be repaired without delay in a workman like manner with like material and in the same manner as to repair the surface with the same class of pavement as was removed.

PLAN AND PROFILE OF THE PROPOSED IMPROVEMENT OF MAIN & STRONG ST. STORM DRAIN BETWEEN ORANGE ST. & STRONG ST.

ENGINEER DEPT. RIVERSIDE CALIF. 1936.
CITY (U.S.G.S.) DATUM PLANE
FIELD BOOK 287 PAGES 65-69.

APPROVED *[Signature]*
CITY ENGINEER.

Constructed by Street Dept 1137 WPA Labor.



SCALE - Vert. 1" = 4'
Hor. 1" = 40'

APPROVED AND ADOPTED BY THE MAYOR
AND COUNCIL OF THE CITY OF RIVERSIDE
THIS 13th DAY OF October 1936.

[Signature]
CITY CLERK, CITY OF RIVERSIDE.

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