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1938
Plate 1

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

COLORADO RIVER AQUEDUCT

HEADQUARTERS – 306 W. 3rd STREET, LOS ANGELES, CALIF. —— FIELD HEADQUARTERS – BANNING, CALIF.

FRANK E. WEYMOUTH – GENERAL MANAGER AND CHIEF ENGINEER

MAIN AQUEDUCT

INTAKE AT PARKER RESERVOIR ON COLORADO RIVER 155 MILES BELOW BOULDER DAM

TERMINUS OF MAIN AQUEDUCT AT CAJALCO RESERVOIR APPROXIMATELY 10 MILES SOUTHWEST OF RIVERSIDE

MAIN AQUEDUCT. LENGTH 242 MILES, INCLUDING:

- 29 TUNNELS. 16 FT. IN DIAMETER—TOTAL LENGTH 92 MILES
- 53 SECTIONS OF COVERED CONCRETE CONDUIT. 16 FT. IN DIAMETER—TOTAL LENGTH 55 MILES
- 98 SECTIONS OF CONCRETE LINED CANAL. TOTAL LENGTH 63 MILES
- 146 INVERTED SIPHONS OF VARIOUS DESIGNS. TOTAL LENGTH 28 MILES
- 3 RESERVOIRS. LENGTH THROUGH, 2 MILES. COMBINED CAPACITY 113,800 ACRE-FT. PARKER RESERVOIR, INTAKE. CAPACITY 717,000 ACRE-FT.
- 5 PUMPING STATIONS. TOTAL PUMP LIFT 1616 FT. TOTAL LENGTH DELIVERY LINES 2 MILES

CAPACITY. DIVERSION 1500 CUBIC FEET PER SECOND OR APPROXIMATELY ONE BILLION GALLONS OF WATER PER DAY

DISTRIBUTION SYSTEM

WATER WILL BE DELIVERED FROM THE CAJALCO RESERVOIR TO THE THIRTEEN METROPOLITAN WATER DISTRICT CITIES THROUGH A 172 MILE DISTRIBUTION SYSTEM MADE UP OF:

9 TUNNELS. TOTAL LENGTH 16 MILES

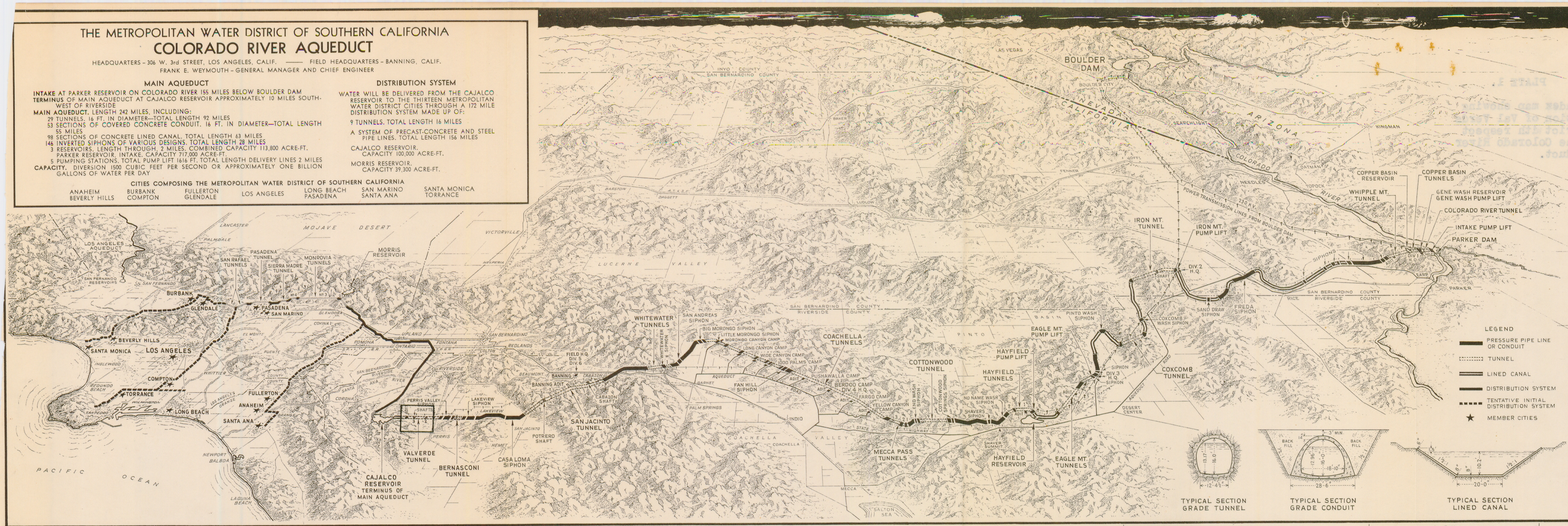
A SYSTEM OF PRECAST-CONCRETE AND STEEL PIPE LINES. TOTAL LENGTH 156 MILES

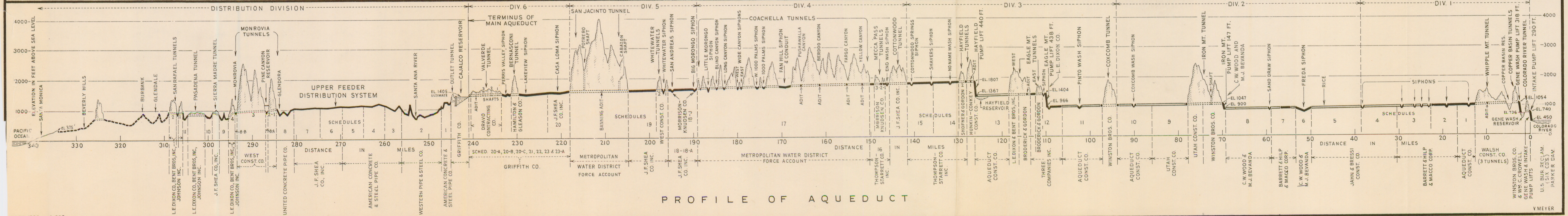
CAJALCO RESERVOIR. CAPACITY 100,000 ACRE-FT.

MORRIS RESERVOIR. CAPACITY 39,300 ACRE-FT.

CITIES COMPOSING THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

ANAHEIM, BEVERLY HILLS, BURBANK, COMPTON, FULLERTON, GLENDALE, LOS ANGELES, LONG BEACH, PASADENA, SAN MARINO, SANTA ANA, SANTA MONICA, TORRANCE





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V. MEYER