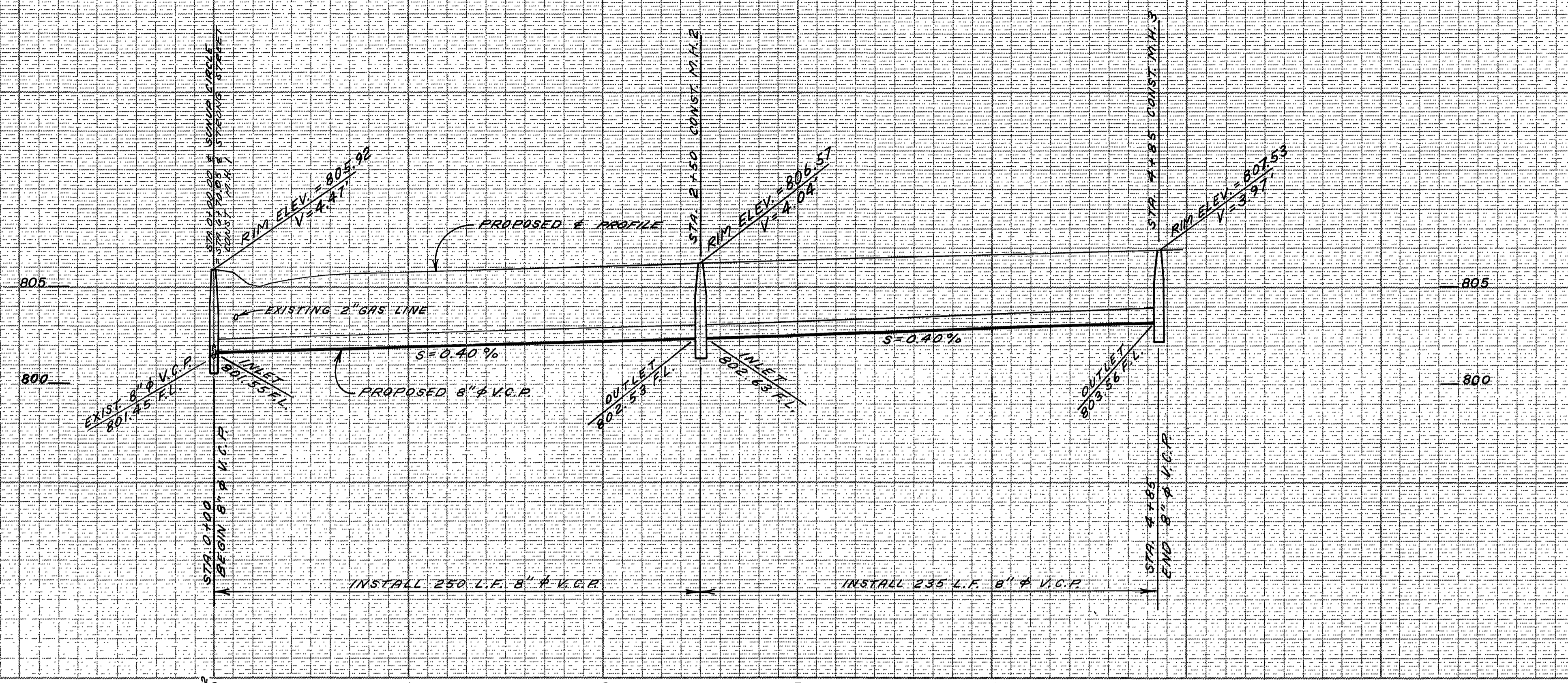
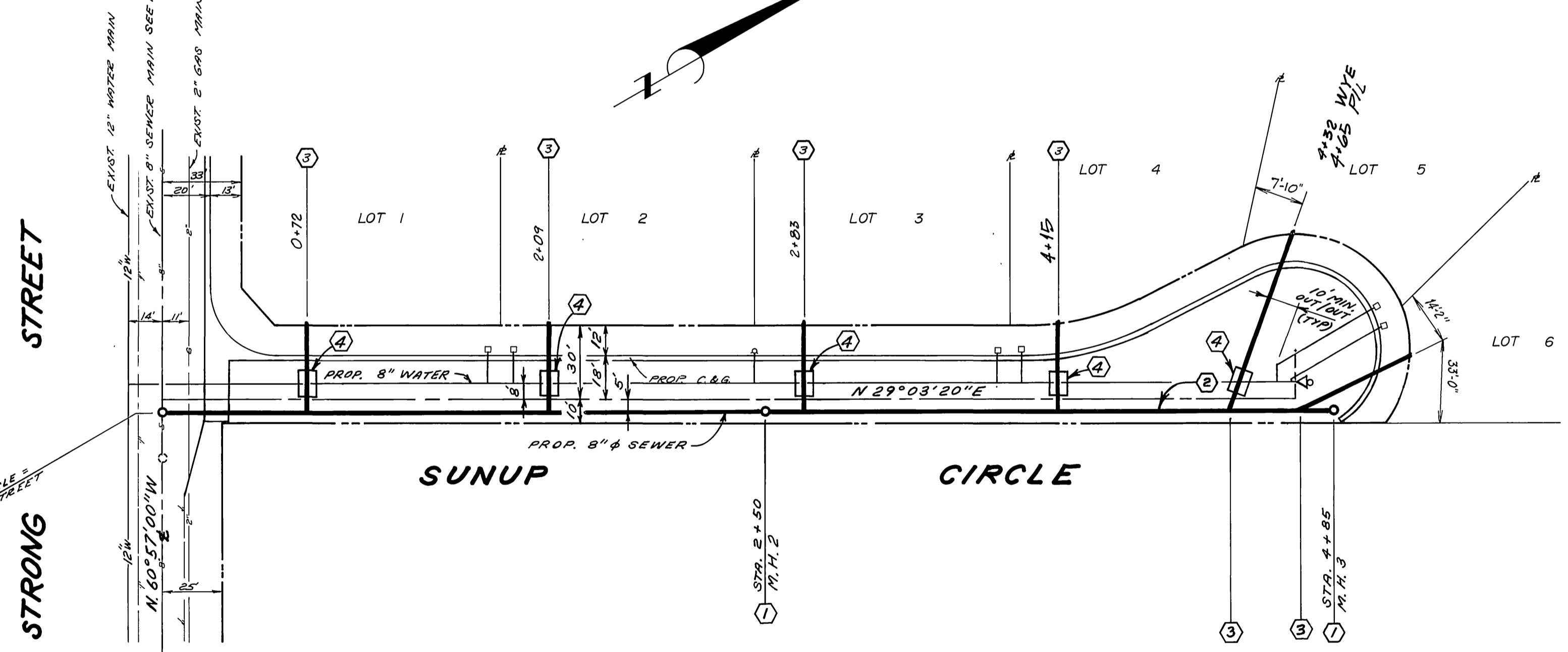
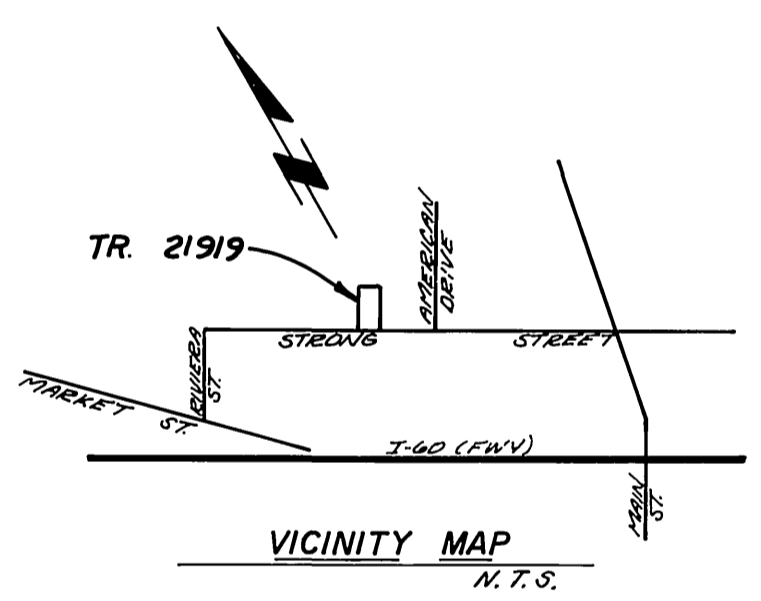


BENCHMARK  
 BENCHMARK NO. 37-K ELEV. = 813.234  
 181' SOUTH OF B.C.R. AT COLUMBIA AVE.



**GENERAL NOTES**

- It shall be the responsibility of the contractor to clear the right of way in accordance with the provisions of law as it affects each utility including irrigation lines and appurtenances and at no cost to the City.
- Construction shall be in accordance with the City of Riverside Department of Public Works, Standard Drawings, Standard Drawing No. 10 and the Standard Specifications for Public Works Construction, current edition.
- The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the work hereon. In the event of discrepancies arising during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the City.
- Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
- The developer shall be responsible for preserving or re-establishing and referencing survey monuments destroyed, disturbed or buried as a result of construction shown hereon.
- All flagged elevations shall be staked in the field by the private engineer.
- The contractor shall call in a location request to Underground Service Alert (USA), Phone No. 1-800-422-4133, two working days before digging. No construction permit will be issued by the Public Works Department involving excavation for underground facilities unless the applicant has been provided an inquiry identification number by U.S.A.
- All necessary permits will be taken out by the construction contractor. No excavation shall be done without a street opening permit for sewer main construction.
- Contractor is to verify existing sewer elevation prior to construction.
- The sewer main shall be laid to the line and grade shown on the plan.
- The existence and location of any underground utility pipe, cables, or structures shown on these plans were obtained by a search of available records. To the best of our knowledge, there are no utilities except as shown on these plans. The contractor is required to take due precautionary measures to protect the utility lines shown, or any other lines not of record or not shown on these plans.
- Water mains and sewer mains shall not cross with less than 3'-0" vertical clearance. Water service lines and sewer laterals shall not be in the same trench. Ten foot minimum horizontal clearance required. Water mains shall clear all house sewer laterals by a minimum of one foot vertical clearance (per CWD 021 & 022).
- Sewer mains shall be sand bedded. Native free draining material will be allowed only when the sand equivalent is greater than 30.
- Contractor shall not backfill trench until he has obtained As-Built stationing on all structures.
- Location of laterals to be determined in the field at the direction of the owner. Avoid conflict with proposed and/or existing facilities.
- No finished floor elevation shall be less than 4' above the sewer flow line at point of connection without having a proper backwater valve installed in the lateral.
- A plug shall be installed and will remain in place where the new sewer connects with the existing sewer until the new sewer is accepted by the City.
- The sewer contractor shall adjust manholes to final grade after paving is completed.



**CONSTRUCTION NOTES & ESTIMATE OF QUANTITIES**

① CONSTRUCT MANHOLE PER STD. 500	3	EA.
② INSTALL 8" V.C.P. SEWER MAIN	485	L.F.
③ INSTALL 8" V.C.P. SEWER LATERAL PER STD. 546	6	EA.
④ CONSTRUCT CONCRETE ENCASUREMENT PER CWD-021, 023 & 024	5	EA.

**NOTE 1:**  
 SEWER LATERAL TO BE LOCATED IN THE FIELD AT THE CENTER OF 18" D. I.P. PIPE LENGTH MINIMUM ONE FOOT VERTICAL SEPARATION ABOVE WATER MAIN.



SOUTHERN CALIF. GAS CO. APPROVED BY: <i>[Signature]</i> DATE: 5-23-88		CITY OF RIVERSIDE WATER SYSTEM APPROVED BY: <i>[Signature]</i> DATE: 5/25/88		LYNN A. TERRY & ASSOC. P.O. BOX 2506 CORONA, CALIFORNIA 91718 714-735-6650 APPROVED BY: <i>[Signature]</i> DATE: 5-21-87		CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT APPROVED BY: <i>[Signature]</i> DATE: 6/16/88 DIRECTOR OF PUBLIC WORKS		SEWER IMPROVEMENT PLAN <b>SUNUP CIRCLE</b> TRACT 21919 ACCOUNT NO. S-1499 SHEET 1 OF 1	
DESIGNED BY: JNR DRAWN BY: JNR CHECKED BY: LAT 00		REVISIONS: _____ APPR. DATE: _____		SCALE: HORIZ. 1"=40' VERT. 1"=4' INDEXED 8-16-88		AS BUILT 1-9-90		CITY BUSINESS TAX CERTIF. NO. 9311 EXP. DATE 9-26-88	