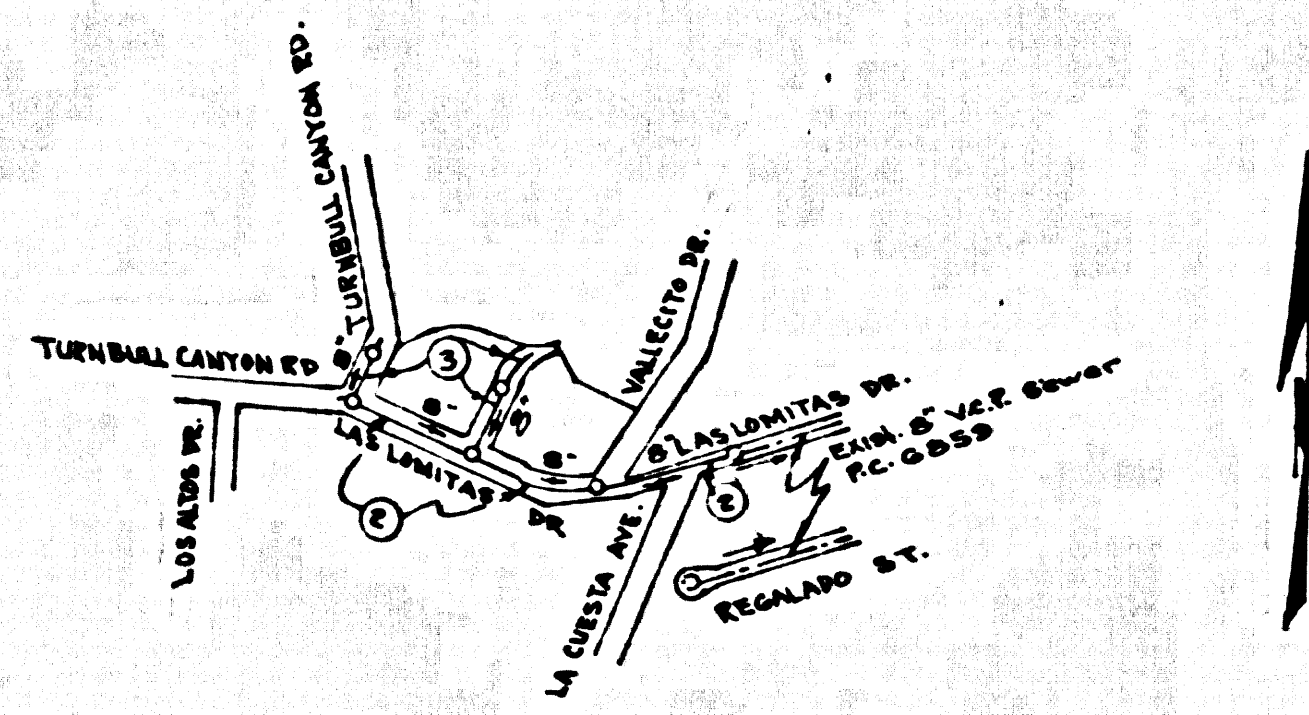


B.M. BG 1610 Elev. 592.718
 R.D. B.M. Tag N. ch. 1'E. D.C.R. E.N.E.
 cor. Los Angeles Dr. & La Cuesta Ave
 20' N of C.C.E. of E lin.
 WHITTIER QUAD. 1965



INDEX MAP
 PC. 8645
 Scale 1"=600'

GENERAL NOTES

1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
3. THE REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAUNCH ANY PORTION OF THE WORK.
4. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTER LINES OF STREETS, OR CENTER LINES OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
5. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y" OR "T" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
6. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT. DISTRICT OFFICE NO. 1 AND PAY A FEE TO THE COUNTY ENGINEER, R.M. P. DOWNEY ADMIN. OFFICE ONE EAST IMPERIAL HWY. DOWNEY OR 201 S. BOULT AVENUE, SAN DIMAS REGIONAL OFFICE TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
8. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 100 SO. SPRING ST., LOS ANGELES, CALIFORNIA.
9. APPROVAL OF THIS PLAN BY THE COUNTY ENGINEER AND HIS ASSISTANTS DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
10. REFER TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.

CONSTRUCTION NOTES

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1970 EDITION) WITH THE SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED APRIL 7, 1970 AND SHALL BE PERFORMED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.

CONSTRUCTION NOTES CONTINUED ABOVE AT P. 1.

3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & FEET BELOW CURB GRADE EXCEPT AS NOTED.
4. INVERTS OR THE BRANCHES MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWERS EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER SS OR PRECAST CONCRETE MANHOLES PER SS EXCEPT AS NOTED.
6. PROVIDE STAKES ON THE PROPERTY LINE OF PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
7. MARGINE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE 6 INCHES ABOVE FINISHED GRADE.
8. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "O" OR "P" OR "G" PER STANDARD SPECIFICATIONS SECTION 208-2.
9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER SS. CASE 12 TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE. IF THE DISTANCE BETWEEN THE COURSE OF CONSTRUCTION IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER SS. CASE 12 UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
10. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D" (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS SECTION 208-2.
11. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 208-2.3.7 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 208-2.3.7 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. REPAIRS TO ALL TRENCHES WITHIN PAVED AREAS TO MEET REQUIREMENTS IN ACCORDANCE WITH PERMITS.
14. FULL COMPLIANCE WITH SECTION 208-1.0.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENT BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED TO THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.

Any connection to the sewage system of County Sanitation District, provided directly or indirectly by the owner shown on these plans, shall be considered a proprietary connection until all a/c's awarded is annexed to said district, at which time the connection shall become permanent. If for any reason the annexation to the district of any area severed hereunder is not completed, the property not in the district will be required to disconnect unless a contract is entered into with the district providing for the disposal of sewage from the area.

No connections for the disposal of industrial wastes shall be made to sewers shown on these drawings without written permission from the Chief Engineer and General Manager of the County Sanitation Districts.

County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 337-1025 - 6282288).

REVISION No. 1 DATE 11-29-71
 Add 20' dia. 8" V.C.P. Sewer near
 end of Dayton Ave. 25' N.W. 33'
 to 25' dia. 8" V.C.P. Sewer
 Page 3
 Approved: *Charles R. Buchanan*
 Chief Engineer
 11-29-71

NOTICE TO CONTRACTOR
 The existence and location of any underground utility pipes or structures shown on these plans are obtained by a search of the available records. To the best of my knowledge there are no existing utilities except as shown on these plans. The contractor is required to take due precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these plans.
Ronald W. Bishop
 R.E.

PROFILE ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1

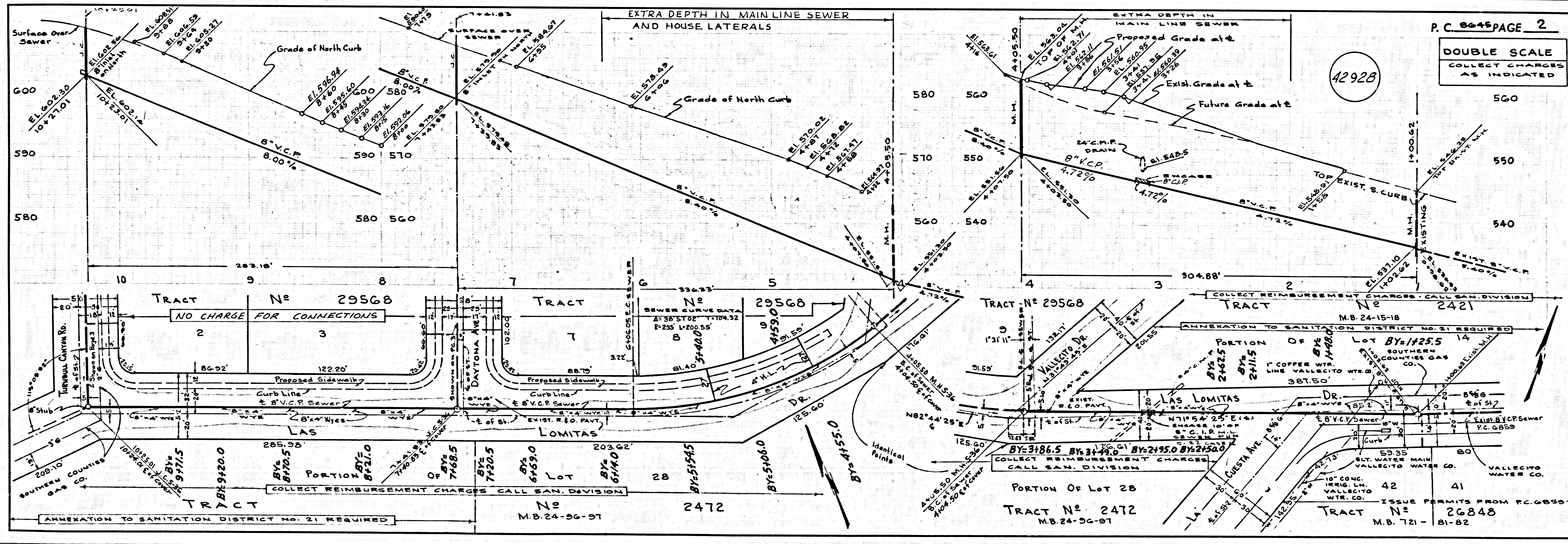
CONSTRUCTED IN
TRACT No 29568
PRIVATE CONTRACT NO. 8645

W.S. 37-E4
 2 SHEETS, 3 PAGES
 SCALE: HORIZ. 1"=40' AUGUST, 1971
 PREPARED IN THE OFFICES OF
OLSON SURVEYING SERVICE
Ronald W. Bishop
 REG. C.E. NO. 8510

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN CONSTRUCTION OF THIS PROJECT

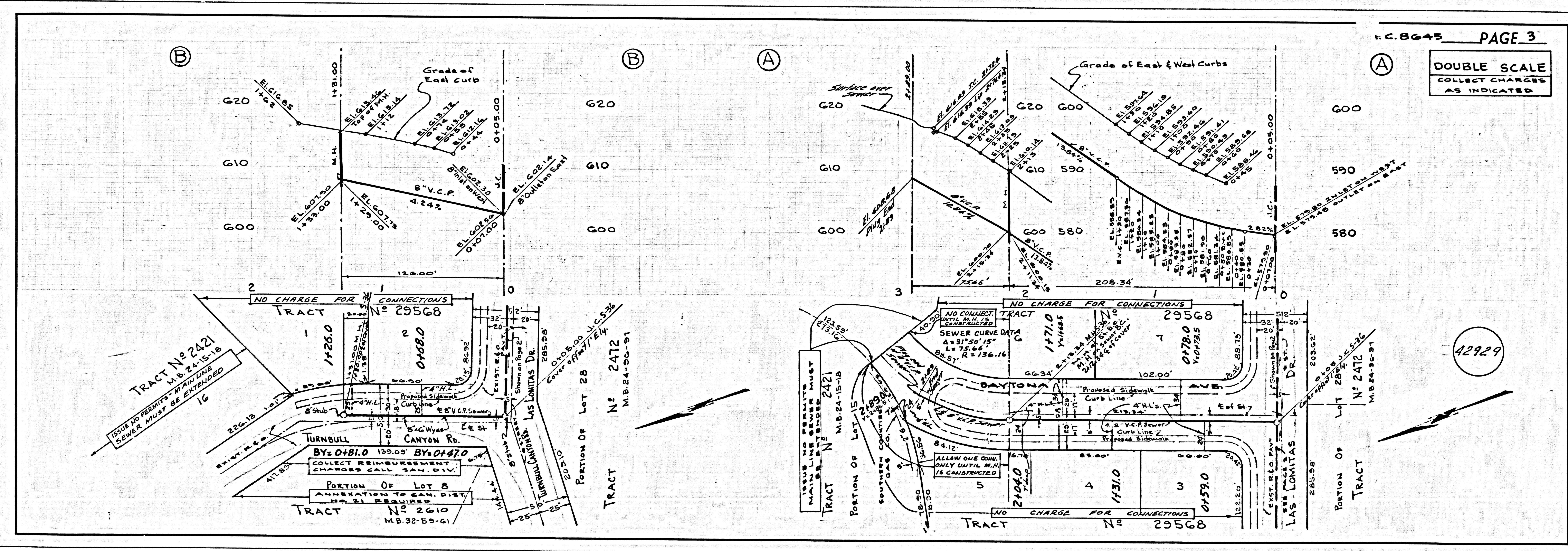
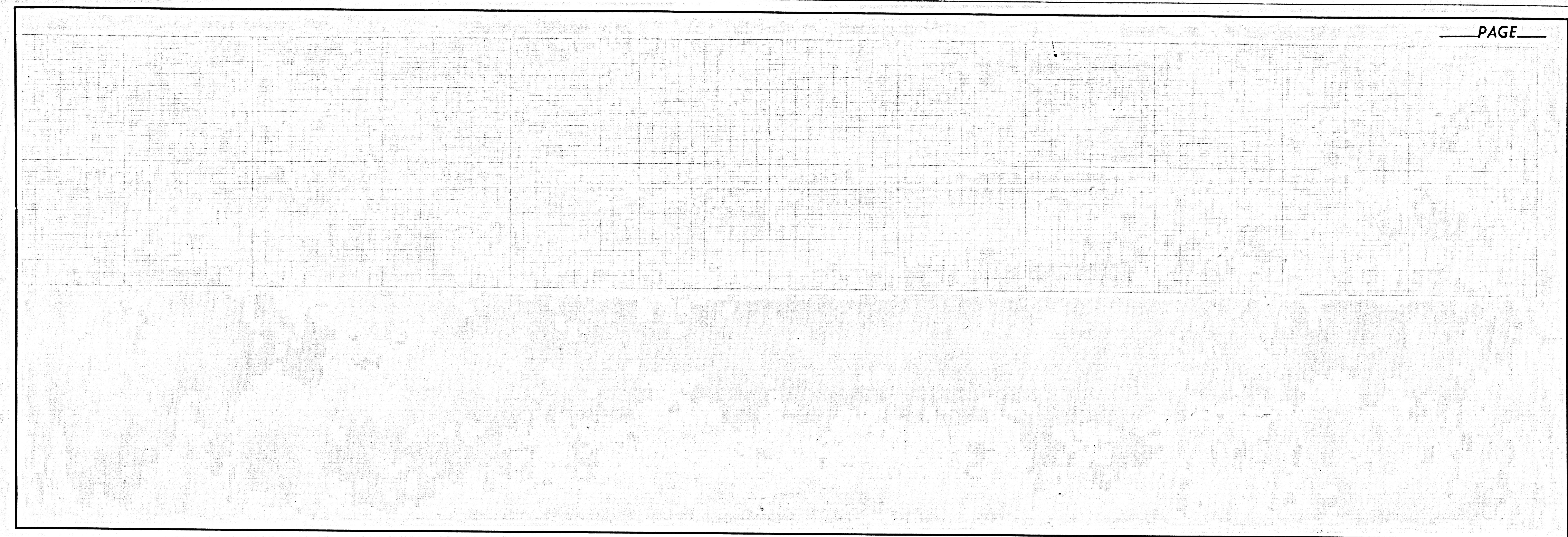
SECTION	REVISION
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8. ALLOWABLE TRENCH WIDTHS	6-33
9. LOCKING MANHOLE FRAMES AND COVER	6-34
10. NON-REINFORCED PRECAST CONCRETE MANHOLE	6-35

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BRANDT COUNTY ENGINEER
 J. D. PARKHURST, CHIEF ENGINEER
 APPROVED: *John W. Keizer* 10-5-71
 REGIONAL ENGINEER (DATE) APPROVED: *R. P. Thompson*
 OFFICE ENGINEER
 CHECKED: *Thomas J. Hurd*
 REG. C.E. NO. 25126
 6 Oct 71
 42927
 LA PUENTE BLDG. DIST. 2
 J.N. 0250.02



P.C. 8645 PAGE 2
DOUBLE SCALE
 COLLECT CHARGES
 AS INDICATED

TRACI ME 52008



DOUBLE SCALE
COLLECT CHARGES
AS INDICATED