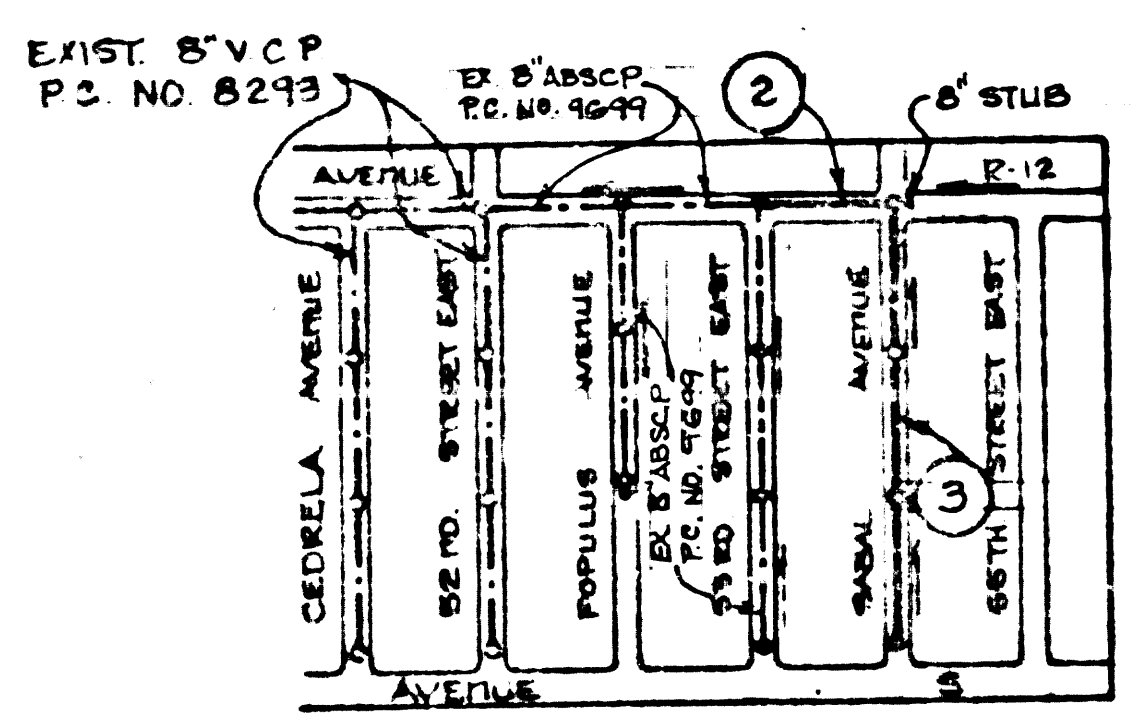


B.M. NO. 4 B.D.L.B. 3127-6 ELEV. 2680.23  
 L. & DE. 11 N. CURS. 472 W. &  
 18' N. OF C. INT. 51 ST. ST. E. &  
 AVE. R-12.  
 PALMDALE QUAD. 19 65



**INDEX MAP**

SCALE: 1" = 600'  
 P.C. 10103  
 INDEX A-142

NOTE: NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.  
 BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE - 943-8843, 943-5027, 938-1161 SO THAT REQUIRED INSPECTION CAN BE MADE.

NOTE: VITRIFIED CLAY PIPE SHALL BE USED FOR THIS SANITARY SEWER JOB. IF OTHER PIPE MATERIALS ARE PROPOSED TO BE USED IN LIEU OF VITRIFIED CLAY PIPE THE CONTRACTOR MUST FIRST OBTAIN APPROVAL FROM THE LOS ANGELES COUNTY ENVIRONMENTAL DEVELOPMENT DIVISION.

**GENERAL NOTES:**

1. REVISIONS ARE IN RED ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE SANITATION DISTRICT'S APPROVAL.
3. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SIGN OR LAY OUT ANY PORTION OF THE WORK.
4. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR 10' HIGH CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES IN 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 1" OR 1 1/2" 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, AND CHANGE IN ALIGNMENT SHALL BE DEPTH TO DEPTH WITHIN THE PERMITTED LIMITS.
6. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPOSED 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. 5 AND PAY A FEE TO THE COUNTY ENGINEER, 950 SOUTH VERMONT AVENUE, LOS ANGELES, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
8. IF WORK IS TO BE DONE ON A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 130 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
9. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
10. REFER TO SECTION 710.41 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY DEVICES.
11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE COUNTY ENGINEER, COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPARTMENT, A PERMIT TO EXCAVATE IN STATE HIGHWAYS FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH EMPLOYMENT OF COUNTY EMPLOYEES, 943 5 JEFFERSON, LOS ANGELES, CALIFORNIA 90010, DATED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF PERMIT.

**CONSTRUCTION NOTES:**

1. 1" V.C.P. SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION PERMITS EDITION WITH AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPT. 21, 1978 AND SHALL BE PROTECTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
2. THE CONTRACTOR SHALL NOTIFY THE ERTV DIVISION BY TELEPHONE, (818) 738-5166 AT LEAST TWENTY FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
4. USE OF 1" BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 3.3 OR PRECAST CONCRETE MANHOLES PER 3.36 EXCEPT AS NOTED.
6. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE CENTER LINE OF EACH MANHOLE.
7. MANHOLE TOP IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
8. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE D, F OR G PER STANDARD SPECIFICATIONS SECTION 306.2.
9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 3.23, CASE D TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
10. IF DURING THE COURSE OF CONSTRUCTION IT 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 3.23, CASE D UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVY JOINT, TYPE C OR D WITH GASKETING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 306.2.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306.1.2 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OF CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
14. FULL COMPLIANCE WITH SECTION 306.1.2 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
15. SPECIAL BACKFILL IN SANITATION CONSTRUCTIONS (A) BACKFILL TRENCH AND REPLACE OTHER BARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS PROJECT BY THE BUILDING & SAFETY DIVISION (B) BACKFILL AND BARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY WITH AN APPROVED TEST METHOD WITH AN APPROVED ACCEPTANCE CRITERIA. CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE ENVIRONMENTAL DEVELOPMENT DIVISION.

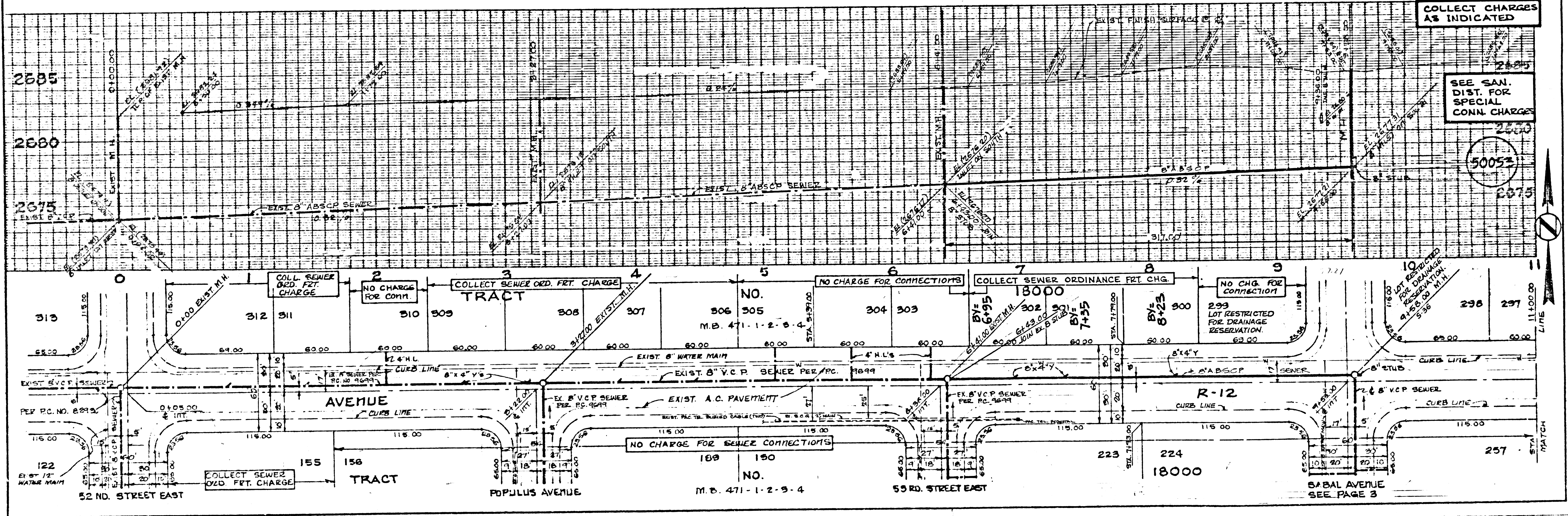
PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS** PAGE 1  
 TO BE CONSTRUCTED IN  
**SABAL AVE. & AVE. R-12**  
 PRIVATE CONTRACT NO. 10103  
 W.S. 65  
 2 SHEETS, 3 PAGES  
 SCALE: 1" = 6' NOVEMBER 9, 1982  
 PREPARED IN THE OFFICES OF  
 LOWELL FELT AND ASSOCIATES, INC.  
 247 E. PALMDALE BLVD., SUITE E  
 PALMDALE, CALIF. 93550  
 BY: [Signature] REG. C.E. No. 8732

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

16000	MINIMUM PUBLIC SAFETY REQUIREMENTS	\$1
16001	BRICK MANHOLE	\$2
16002	STANDARD MANHOLE E179	\$17
16003	BEDDING FOR SEWER PIPE	\$21
16004	CRADLING AND PROTECTANT	\$18
16005	USE OF TEE SUPPORT	\$36
16006	ALLOWABLE TRENCH WIDTHS	\$33
16007	LOCKING MANHOLE FRAMES AND COVERS	\$36
16008	NON-REINFORCED PRECAST CONCRETE MANHOLE	\$36

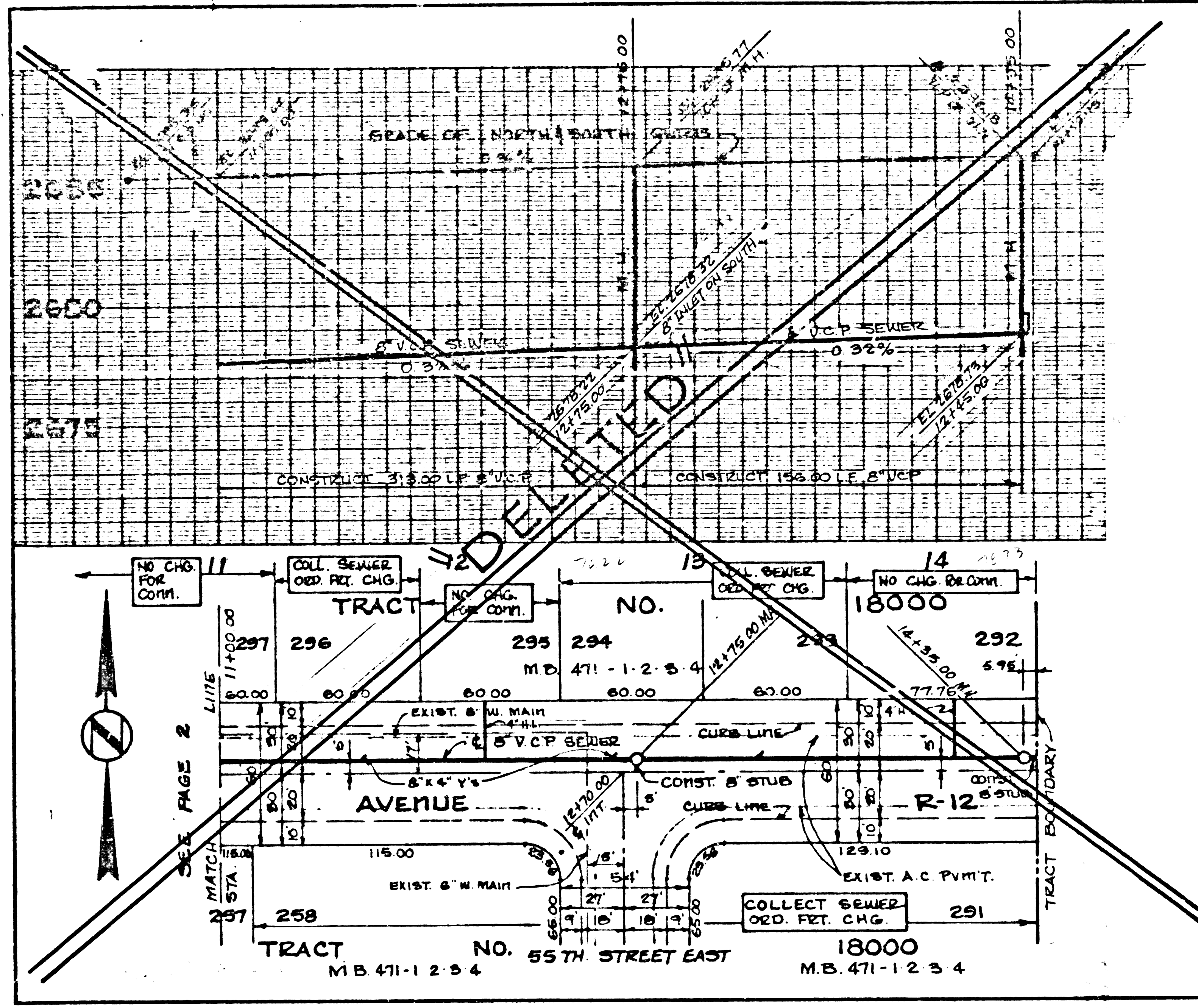
COUNTY OF LOS ANGELES, CALIFORNIA  
 STEPHEN J. KOFFEE, COUNTY ENGINEER WALTER E. GARDNER, CHIEF ENGINEER  
 APPROVED: [Signature] 3-29-83 DATE: [Signature] 3/29/83  
 CHECKED: [Signature] 7/27/83 DATE: [Signature]  
 REG. C.E. No. 16883  
 PALMDALE BLDG DIST. 8.1

**P.C. 10103 PAGE 2**



L.A. COUNTY SEWER & WATER DIST. NO. 1 SOUTHERN CALIFORNIA BLUEPRINT CO. 235 2/78





bc 10103

