

**DOUBLE SCALE**

**GENERAL NOTES:**

- ELEVATIONS ARE IN FEET ABOVE M.S.L. & U.S. SEA LEVEL DATUM OF 1929.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
- NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES AT ALL POINTS BUT TWENTY DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED 30 AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
- THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 12" OR 14" 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.
- 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.
- BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE COMPTROLLER OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE NO. 10586, AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 2250 ALCAZAR ST., LOS ANGELES, CALIFORNIA 90004, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
- 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.
- REFER TO SECTION 7.10.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
- BEFORE THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE COMPTROLLER AND AT THE DEPARTMENT OF PUBLIC WORKS A PERMIT FOR SIGNATORIES AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND CERTIFICATE OF WORKER'S COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 2250 ALCAZAR ST., LOS ANGELES, CALIFORNIA 90004, AND NAME NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 90 DAYS PRIOR TO CANCELLATION OF POLICY.

**CONSTRUCTION NOTES:**

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1985 EDITION WITH SECTION 21.02, SUPPLEMENT B AND DEPT. OF PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEP. 21, 1978. AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPT. OF PUBLIC WORKS.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, 228-8291, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 9-3 OR PRECAST CONCRETE MANHOLES PER 9-2M, EXCEPT AS NOTED.
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- WITHEDED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 200-2.
- IF A JOINT IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 9-23. CASE II TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- 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 9-23. CASE I UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL JOINTS BETWEEN CAST IRON PIPE AND WITHEDED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 200-2.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 9-14 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 200-2.3.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SOILS TESTS BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- SPECIAL BACKFILL IN BACKFILL TRENCH AND REFERENCE OTHER PARTS SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION. IN ALL BACKFILL AND EARTH REPLACEMENT SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. 510 METHOD OF TEST FOR SOILS. CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION, SANTA CLARITA VALLEY BLDG. DIST. B-2, DIVISION, DEPARTMENT OF PUBLIC WORKS.

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 (818) 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

ISSUE NO HOUSE LAT. PERMIT UNTIL OUTLET P.C. NO. 10552 IS ACCEPTED FOR PUBLIC USE BY THE CO. OF LOS ANGELES

PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS**  
TO BE CONSTRUCTED IN

**TRACT NO. 44454**  
**PRIVATE CONTRACT NO. 10586**  
A-48  
2 SHEETS; 3 PAGES

NO. 10586  
EXP. 6/30/89  
OFFICE OF CIVIL ENGINEERING

SCALE: VERT. 1" = 8'  
HORIZ. 1" = 40'  
NOVEMBER, 1986

51743

PREPARED IN THE OFFICES OF  
SHAW ENGINEERING ASSOCIATES  
15230 BURBANK AVENUE, VAN NUYS, CA 91411  
(818) 787-8550

BY: Donald R. Hume  
REG. C.E. NO. 15913  
6-30-89  
EXP. DATE

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LEGEND:

- MINIMUM PUBLIC SAFETY REQUIREMENTS ..... 9-1
- BRICK MANHOLE ..... 9-2
- STANDARD MANHOLE STEP ..... 9-3
- BEDDING FOR SEWER PIPE ..... 9-4
- CRACKING AND ENGAGEMENT ..... 9-5
- WYE OR TEE SUPPORT ..... 9-6
- ALLOWABLE TRENCH WIDTHS ..... 9-7
- LOCKING MANHOLE FRAME AND COVER ..... 9-8
- NON-REINFORCED PRECAST CONCRETE MANHOLE ..... 9-9

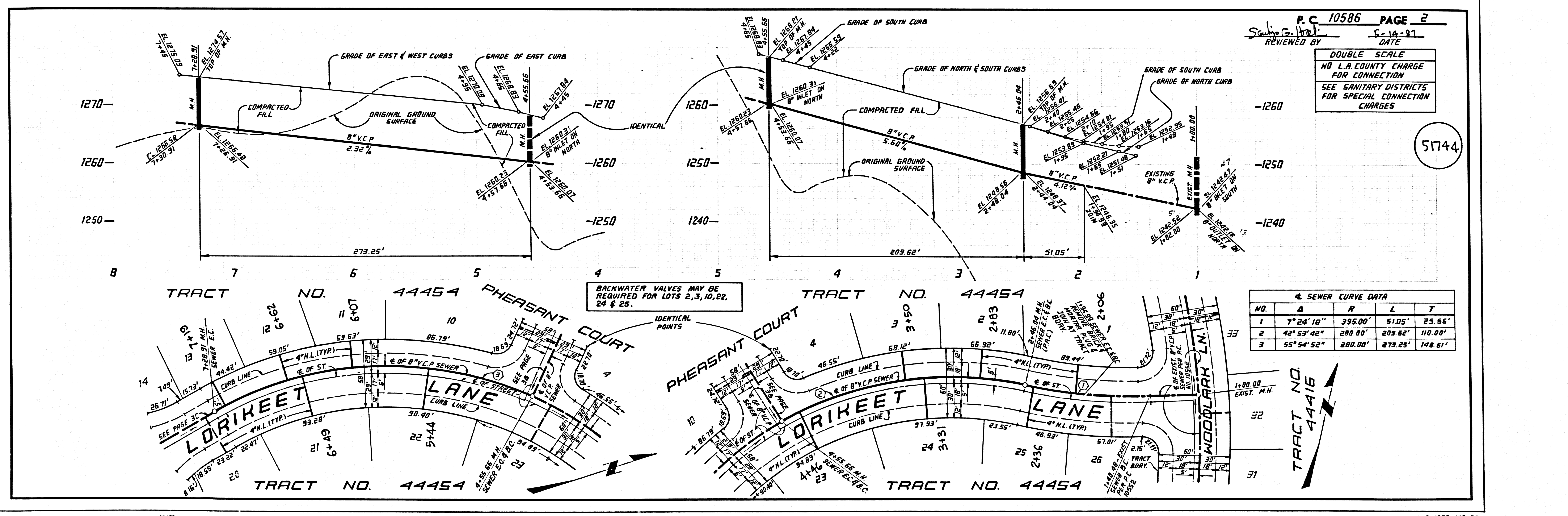
COUNTY OF LOS ANGELES, CALIFORNIA  
THOMAS A. TIDEMANSON  
DIRECTOR OF PUBLIC WORKS

CHARLES W. CARRY  
CHIEF ENGINEER  
CO. SAN. DIST. NO. 22

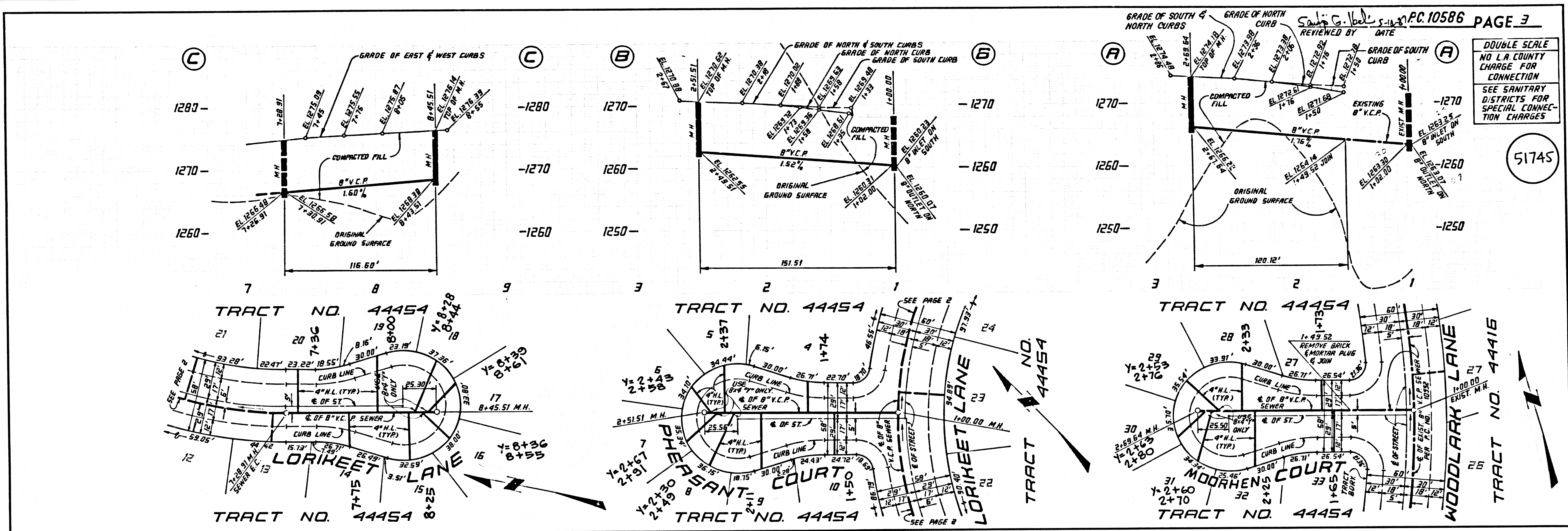
APPROVED: [Signature] 5/15/87 (DATE)  
CHECKED: [Signature] 5/14/87 (DATE)

REG. C.E. NO. 14241

SANTA CLARITA VALLEY BLDG. DIST. B-2



1 28201 C  
 P2244 DM TARRANT  
 TRACT NO. 44454



PC. 10586 PAGE 3

DOUBLE SCALE  
NO L.A. COUNTY  
CHARGE FOR  
CONNECTION  
SEE SANITARY  
DISTRICTS FOR  
SPECIAL CONNec-  
TION CHARGES

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PAGE

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