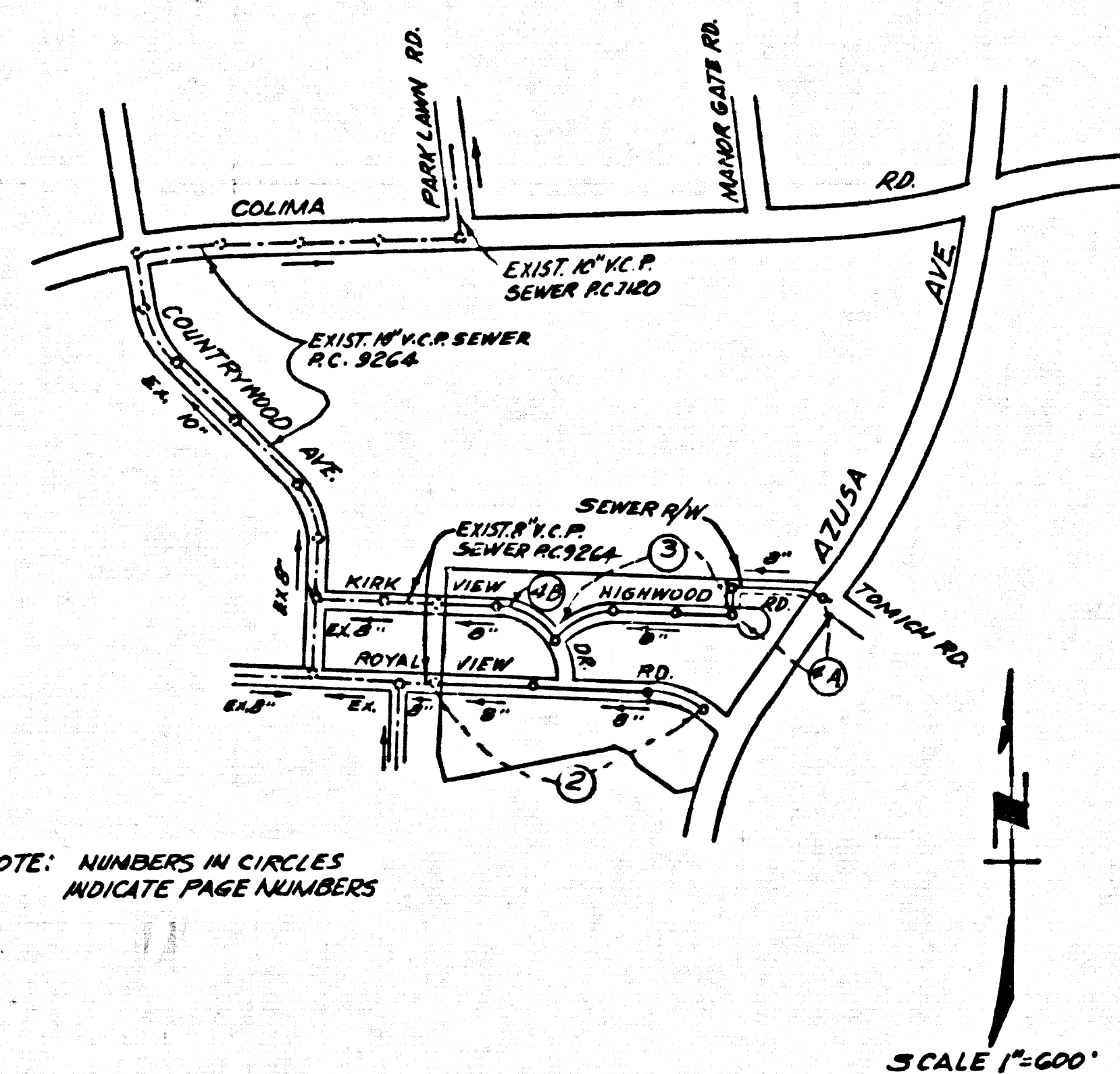


B.M. CG 4038 ELEV. 455.857  
 ROB M TAG G FT 5/0 B CR AT NW  
 COR AZUSA AVE & COLIMA RD  
 88 FT N & 42 FT N/O Q& INT  
 OTTERBEIN QUAD. 19 75



NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS

INDEX MAP  
 TRACT No. 32136  
 P.C. 9736

**PRIVATE ENGINEERS NOTICE TO CONTRACTORS**

The existence and location of any underground utility pipes or structures shown on these plans are obtained by search of the available records. To the best of our 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.

*Stephen J. Koonce*  
 Registered Engineer R.C.E. 19235

**CONSTR. NOTES CONT'D.**

16. FULL COMPLIANCE WITH PART III OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF 8" A.B.S. COMPOSITE PIPE.
17. MANHOLE WATER STOP BASKETS & CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
18. A.B.S. SOLID WALL PIPE MUST BE USED FOR WYE & HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.
19. A.B.S. COMPOSITE PIPE SHALL BE BENDED IN CONFORMANCE WITH THE TABLE IN SECTION B-3.1 OF PART III OF THE SPECIAL PROVISIONS.
20. PIPE DEFLECTION FITTINGS ARE REQUIRED FOR RADII OF CURVATURE LESS THAN 500 WHEN USING 8" A.B.S.C.P.

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNLESS A PERMIT FOR INDUSTRIAL WASTE WATER 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, A COUNTY SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE 24 HOURS THAT REQUIRED INSPECTION CAN BE MADE.

**GENERAL NOTES: DOUBLE SCALE**

1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN LEVEL DATUM OF 1929.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
3. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY 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 TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE 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 "T" OR "Y" 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. 7, AND PAY A FEE TO THE COUNTY ENGINEER, 200 E. BOWTIE AVE., SAN JUAN DIABLO 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, 120 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 7.16.1.3 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY OFFICER.
11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT BY THE COUNTY ENGINEER THE CONTRACTOR SHALL OBTAIN A PERMIT TO EXCAVATE FROM THE STATE OF CALIFORNIA, A DEPARTMENT OF INDUSTRIAL RELATIONS, DIVISION OF INDUSTRIAL SAFETY & SHALL FILE A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH COUNTY ENGINEER.

**CONSTRUCTION NOTES:**

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1975 EDITION, SEPT. 21, 1976, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
2. THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION (EDD) 1515 178-2156 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & FEET BELOW CURB GRADE EXCEPT AS NOTED.
4. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED. A.B.S. C.P. SHALL BE USED FOR ALL CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE BUILT BRICK MANHOLES PER S-1 OF RECAST CONCRETE MANHOLES PER S-2 AS NOTED.
6. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
7. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
8. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", "C", OR "D" PER STANDARD SPECIFICATIONS SECTION 302.2.
9. IF A HOUSE POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23, CASE II, 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 S-23, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH RUBBER GASKETS AND STAINLESS STEEL WEDGES. THE JOINTS SHALL BE APPROVED BY THE COUNTY ENGINEER.
12. REINFORCE ALL FRANCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
13. FULL COMPLIANCE WITH SECTION 306.1.8 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.
14. SPECIAL BACKFILL IN DESIGNATED AREAS: THE SAND EQUIVALENT SHALL BE REMOVED SO AS TO ACHIEVE THE NATURAL OR ORIGINAL TERRAIN. THE SAND EQUIVALENT SHALL BE REMOVED TO THE ORIGINAL GRADE AND THE REMOVED SAND SHALL BE REPLACED AND COMPACTED TO THE ORIGINAL GRADE. ALL EXPOSED AREAS SHALL BE REPAIRED TO THE ORIGINAL GRADE AND FINISHED TO MATCH THE ADJACENT AREAS. ALL EXPOSED AREAS SHALL BE REPAIRED TO THE ORIGINAL GRADE AND FINISHED TO MATCH THE ADJACENT AREAS. ALL EXPOSED AREAS SHALL BE REPAIRED TO THE ORIGINAL GRADE AND FINISHED TO MATCH THE ADJACENT AREAS.

TO BE CONSTRUCTED IN  
**TRACT NO. 32136**  
 PRIVATE CONTRACT NO. 9736

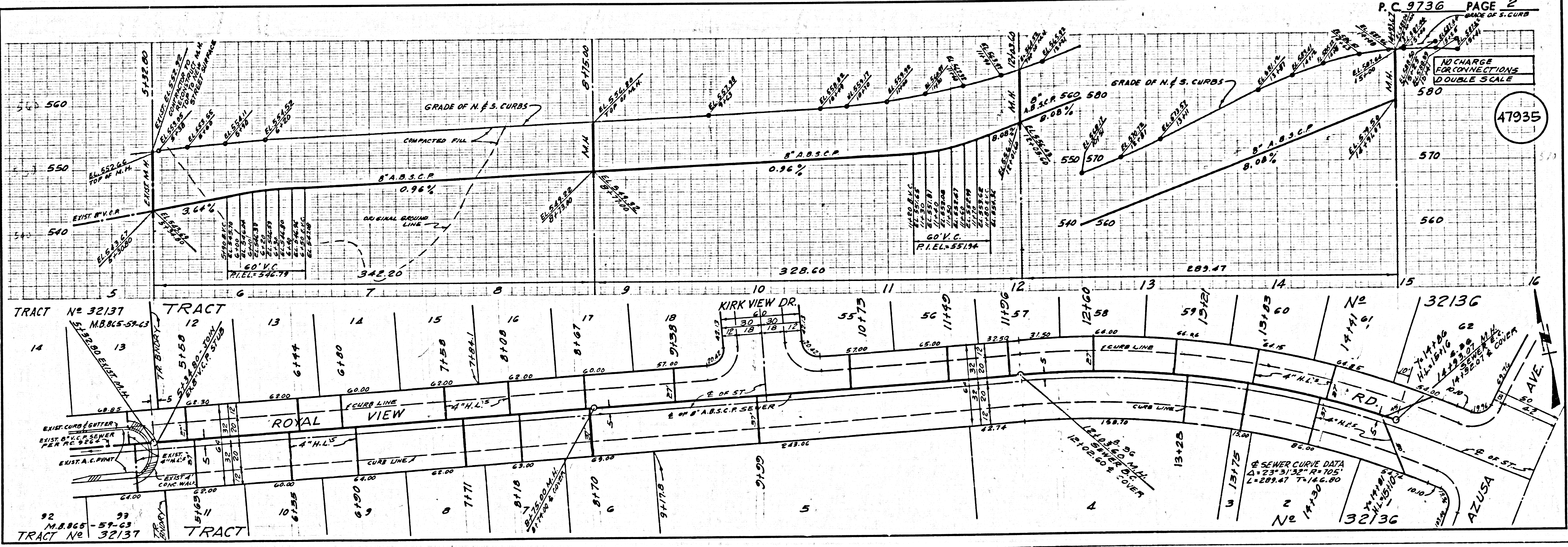
W.S. 35-B4  
 5 SHEETS; 4 PAGES  
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 HORIZ. 1" = 40'  
 DECEMBER, 1979  
 PREPARED IN THE OFFICES OF  
 LIND & HILLERUD, INC.  
 2065 HUNTINGTON DR.  
 SAN MARINO CA 91108  
 BY: *L.H.*  
 REG. C. E. No. 19233

47934

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

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BRICK MANHOLE	53
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NON-REINFORCED PRECAST CONCRETE MANHOLE	60
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CHIMNEY PIPE AND BASE	62

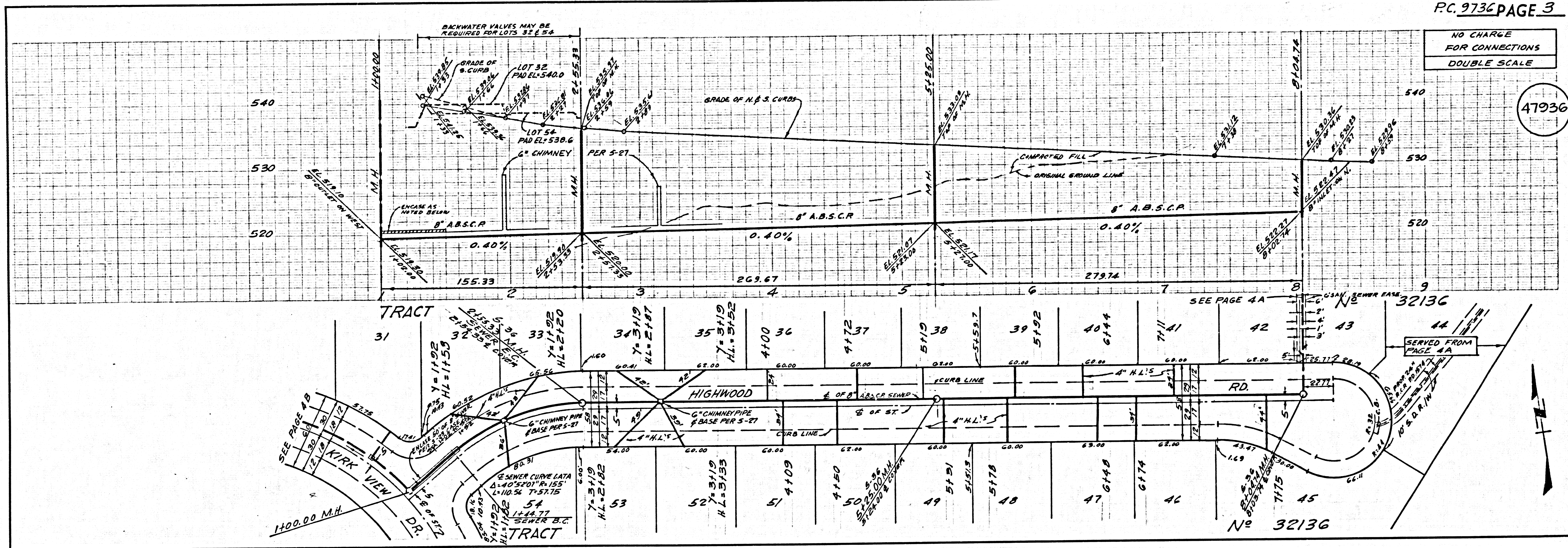
COUNTY OF LOS ANGELES, CALIFORNIA  
 STEPHEN J. KOONCE COUNTY ENGINEER WALTER E. GARRISON, CHIEF ENGINEER  
 CO. SAN. DIST. NO. 7  
 APPROVED: *Walter E. Garrison* 12/10/79  
 SAN DIABLO REGIONAL ENGINEER DATE: *12/10/79*  
 CHECKED: *Edgar David* 12/10/79  
 REG. C. E. NO. 16993 DATE: *12/10/79*  
 L.A. PUENTE BLDG. DIST. 2.00



47935

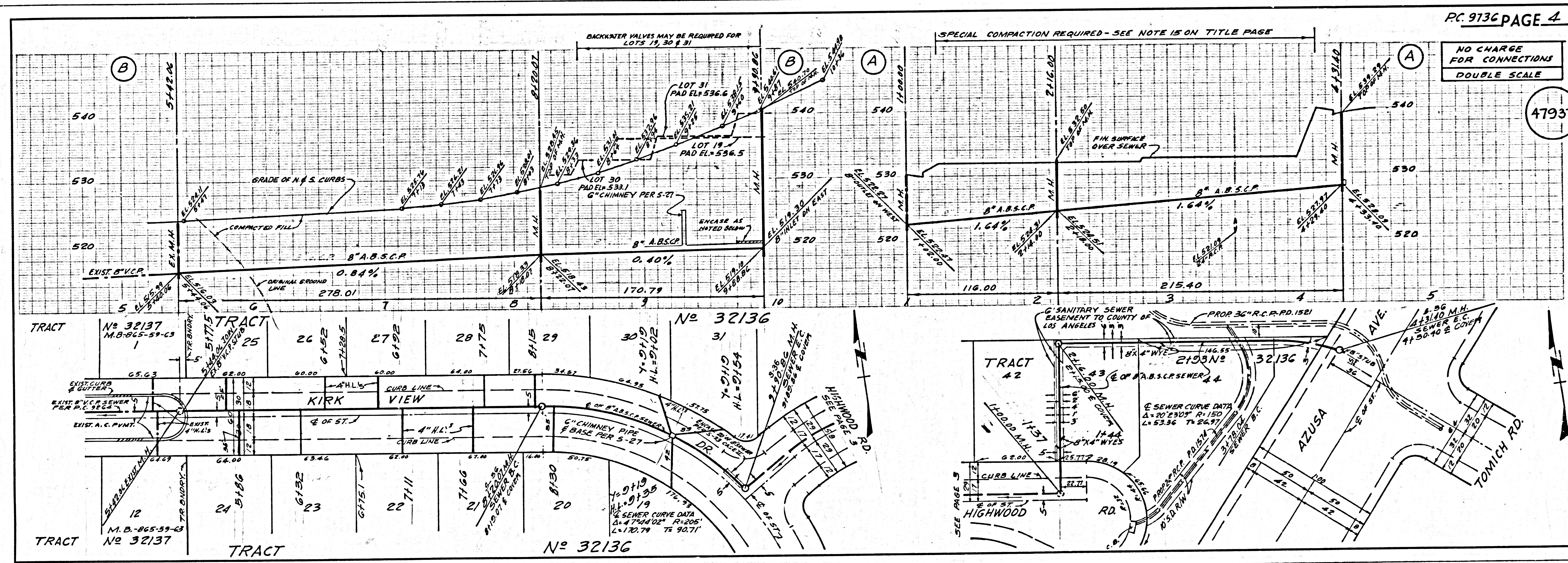
NO CHARGE FOR CONNECTIONS DOUBLE SCALE

47936



NO CHARGE FOR CONNECTIONS DOUBLE SCALE

47937



2570 2C

3513E  
1. TRACT NO. 3513E