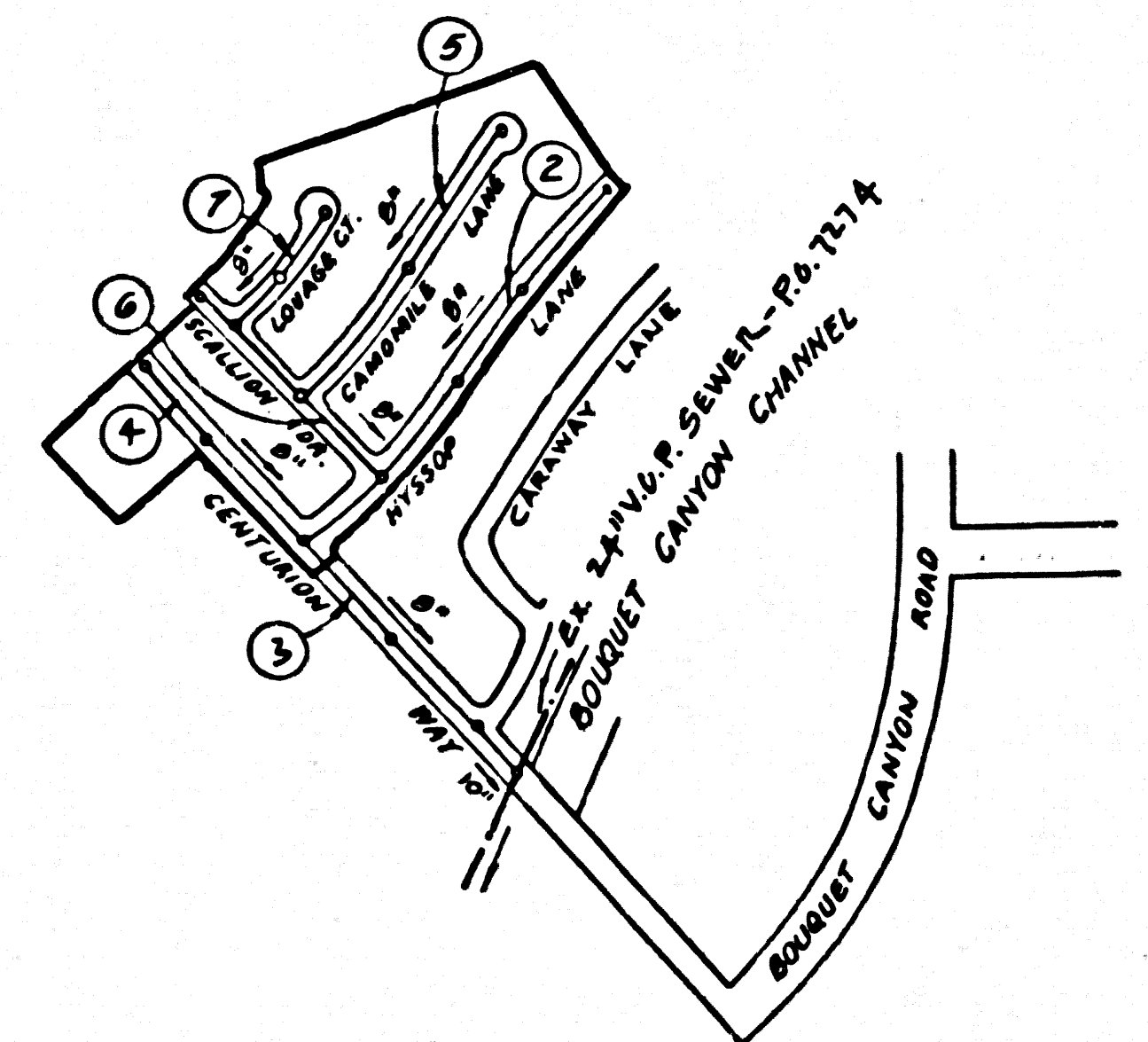


B.M. 51.1740 ELEV. 1305.666  
 U.S.G.S. Mon. 3in. up 20 FT. S.E. of Bouquet Cr. Rd.  
 under transmission line 1/2 Mi. N.W. Susan  
 Bath Way Mkal. K-2 1929 2in. L.P. 3/4 in. up 2 1/2 in.  
**NEWHALL QUAD. 19 72**

REVISION: NOV. 1, 1978 - CONFLICT WITH P.D. 1372  
 PAGE 2: REVISE PIPE GRADE FROM STA. 8+00.00  
 TO STA. 12+40.00  
 PAGE 3: REVISE PIPE GRADE FROM STA. 7+00.00  
 TO STA. 8+69.00 & INCREASE DEPTH OF  
 M.H. AT STA. 8+69.00  
 PAGE 4: REVISE PIPE GRADE FROM STA. 8+69.00  
 TO STA. 7+70.00  
 APPROVED: *[Signature]* C. 11636  
 OFFICE OF COUNTY ENGINEER  
 NOV. 2, 1978



Notes: (Continued)  
 19. Grading to be done prior to sewer construction.  
 20. SPECIAL BACKFILL IN DESIGNATED AREAS:  
 a) Backfill trench and replace other earth removed so as to achieve the natural or finished grades and slopes shown on the grading plan approved for this tract by Dept. of Safety Division.  
 b) All backfill and earth replaced shall be compacted to a minimum of 90% maximum density per A.S.T.M. Standard Method of Testing D693-57T as modified. Acceptable certification of such compaction shall be submitted to the Construction Division.  
 Lot No. 1 of Tract No. 30425 is a planted recreation lot and will not be served.

21. Full compliance with section 306-1.85 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.  
 22. Prior to the issuance of sewer construction permit by the county engineer, the contractor shall obtain a "permit to excavate" from the State of California, Division of Industrial Safety.

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 SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE 952-8655, SO THAT REQUIRED INSPECTION CAN BE MADE.

**NEWHALL BLDG. DIST. NO. 82**

- NOTES:
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & FEET BELOW CURB GRADE 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.
  - NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
  - THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" 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.
  - 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.
  - NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
  - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, (213) 974-7888, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-3 PRECAST CONCRETE MANHOLES PER 5-36.
  - "T" OR "T" BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
  - MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
  - VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", "T", OR "C" PER STANDARD SPECIFICATIONS SECTION 308-2.
  - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5-28, CASE 2, 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 5-28, CASE 2, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
  - RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-2.37 OF THE STANDARD SPECIFICATIONS.
  - REFERS TO SECTION 7-18.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
  - ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "B", (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS, SECTION 308-2.
- THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

LEGEND	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLE	5-3
NON-REINFORCED PRECAST CONCRETE MANHOLE	5-36
LOCKING MANHOLE FRAME AND COVER	5-35
STANDARD MANHOLE STEP	5-17
BEDDING FOR SEWER PIPE	5-31
CRADLING AND ENCASEMENT	5-33
WYE ON THE SPOUT	5-30
ALLOWABLE TRENCH WIDTHS	5-38

P.C. 9348  
 PAGE 1  
 46978

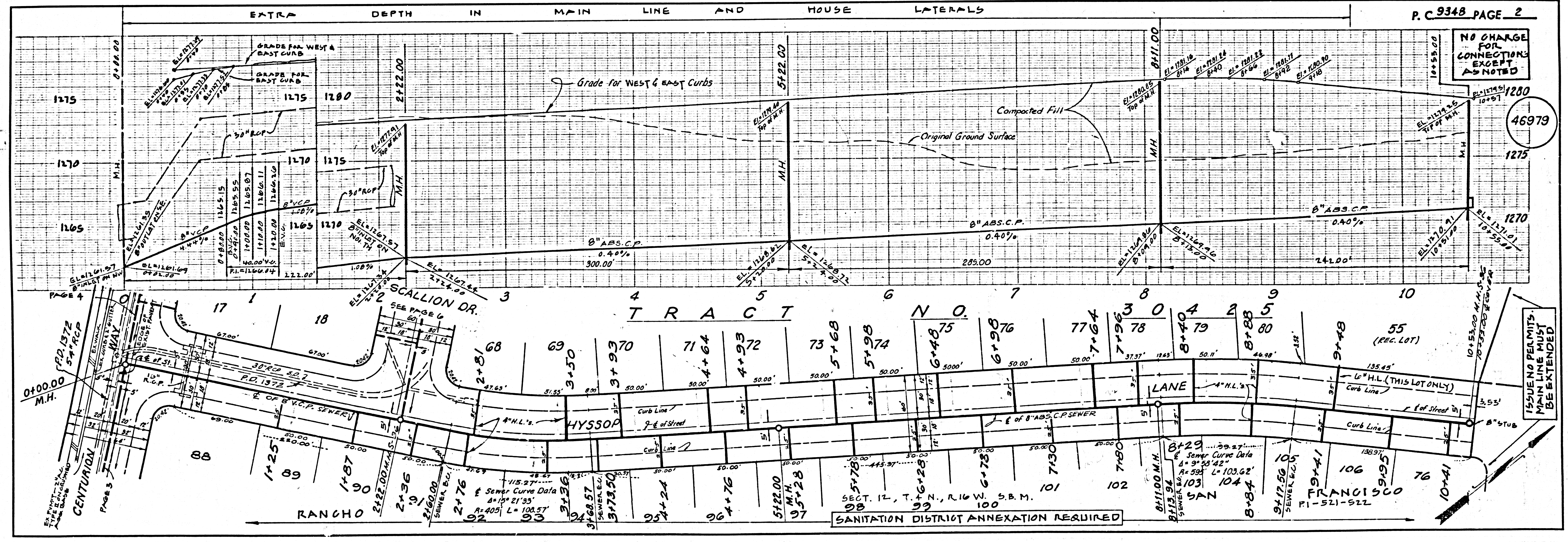
**PRIVATE CONTRACT NO. 9348**

INDEX 173 5 129  
 W.S. 62-A, 1  
 4 SHEETS; 7 PAGES  
 SCALE: VERT. 1" = 4'  
 HORIZ. 1" = 40'  
 DECEMBER, 1976  
 PREPARED IN THE OFFICES OF  
**SPINDLER ENGINEERING CORPORATION**  
 13720 Riverside Dr., Sherman Oaks, Calif. 91423  
 By: *[Signature]*  
 REG. C. E. NO. 13194

NOTES:  
 GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILE. 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. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.  
 WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1976 EDITION) AND THE COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 5, 1976 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.  
 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, SANTA CLARITA VALLEY REGIONAL ENGINEER.  
 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.  
 IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 138 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

**COUNTY OF LOS ANGELES, CALIFORNIA**  
 STEPHEN J. KOONKE, COUNTY ENGINEER  
 J. D. PARKHURST, CHIEF ENGINEER  
 APPROVED BY: *[Signature]* DATE: 12/10/77  
 APPROVED BY: *[Signature]* DATE: 11/4/77  
 CHECKED BY: *[Signature]* DATE: 12/20/77  
 REG. C. E. NO. 16742

JN 0250 02



842 P. 28

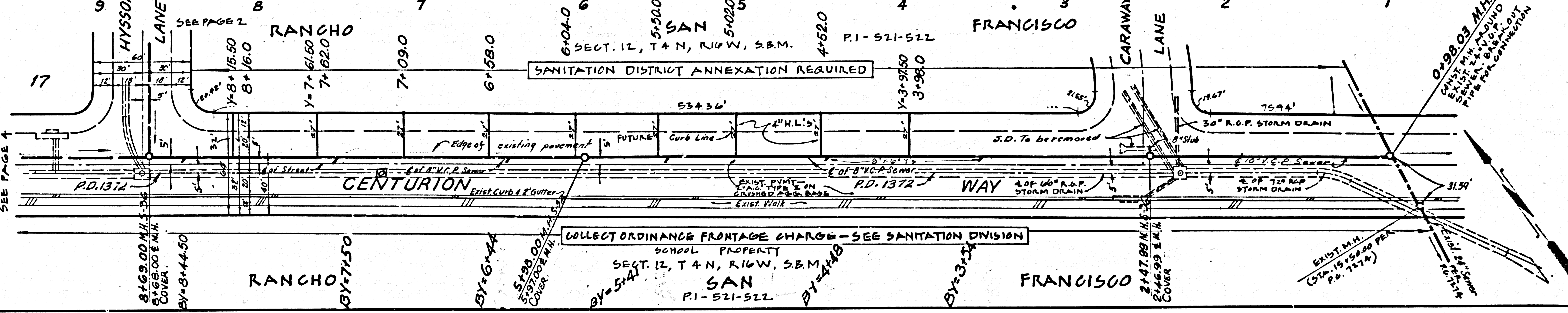
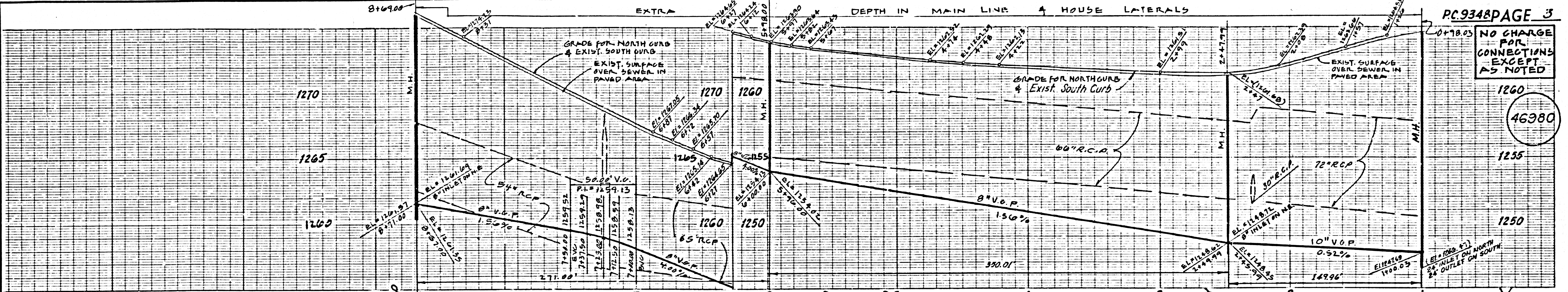
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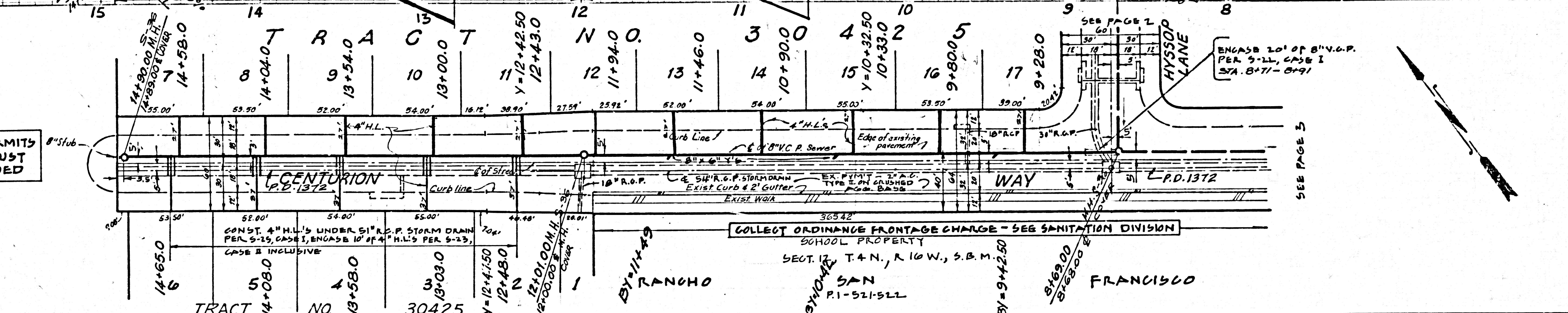
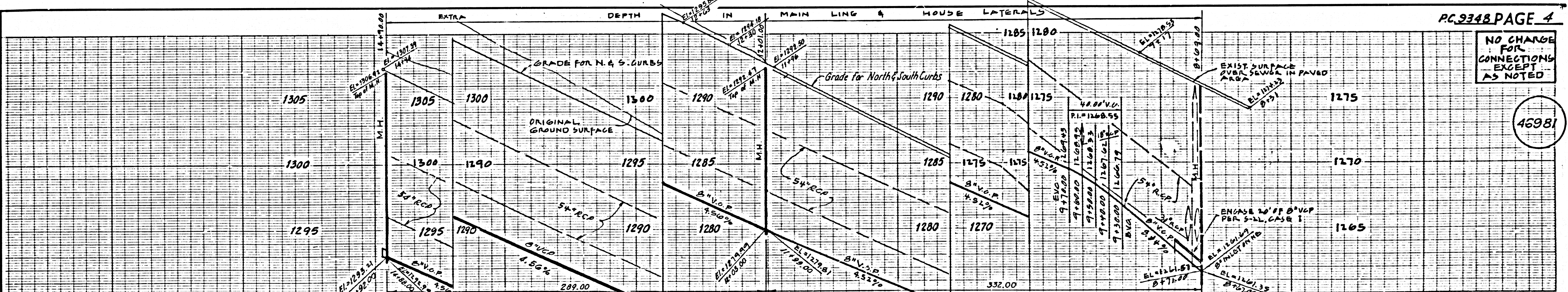
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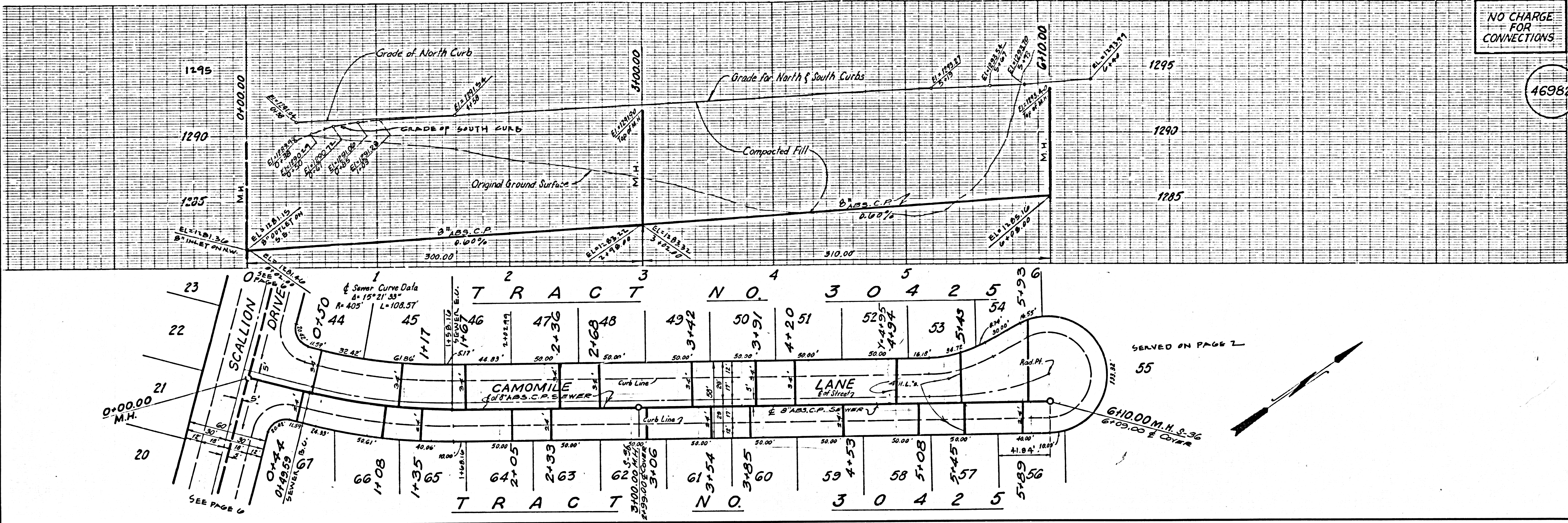
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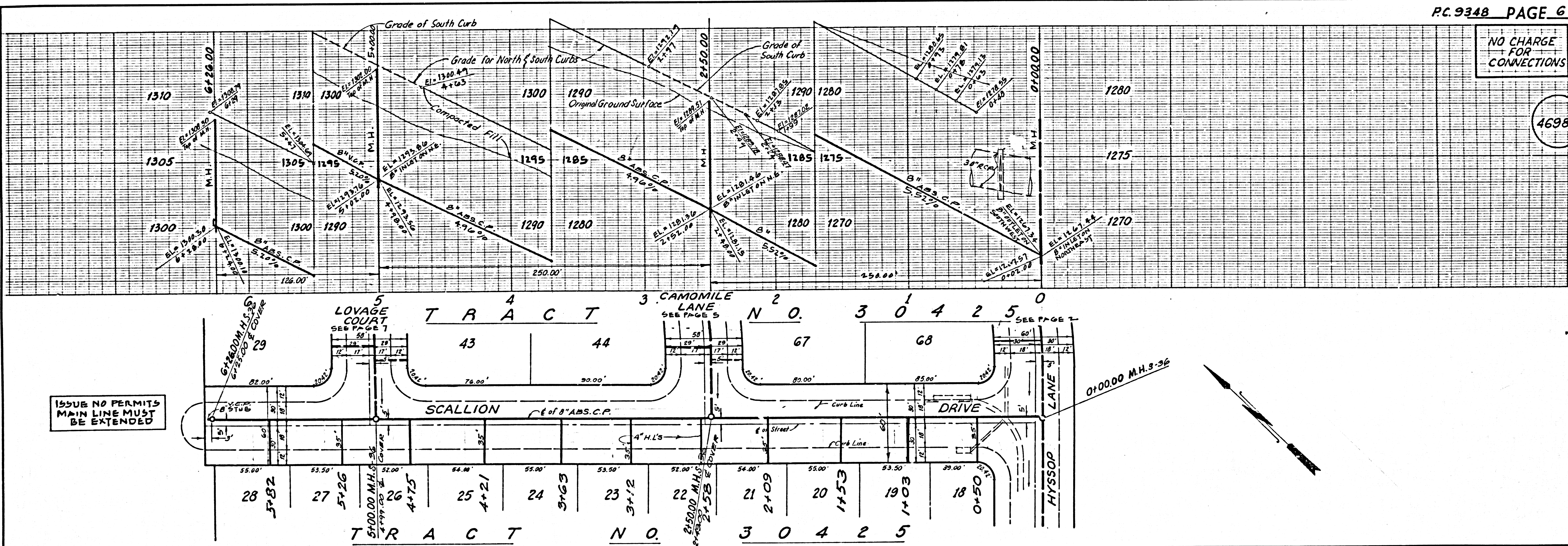
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NO CHARGE FOR CONNECTIONS

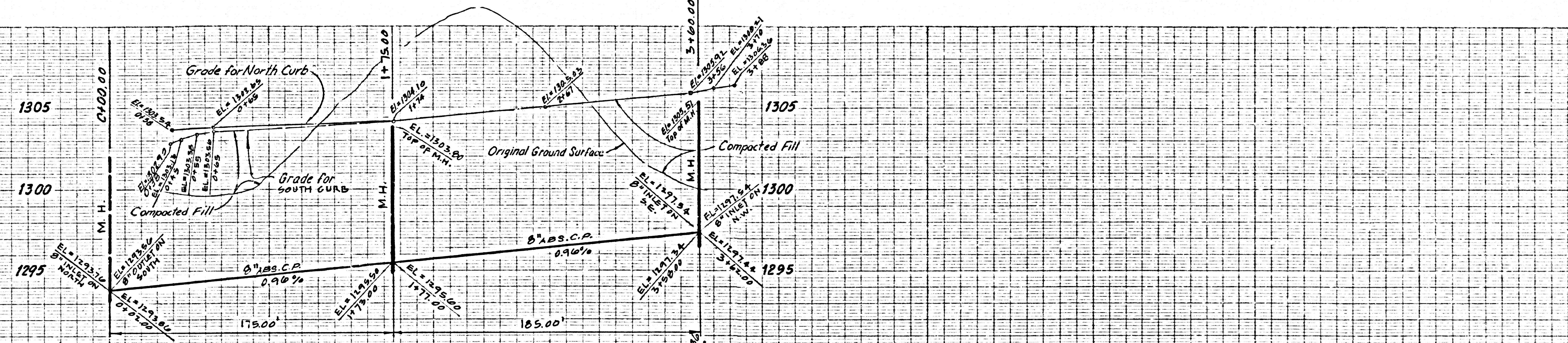
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ISSUE NO PERMITS MAIN LINE MUST BE EXTENDED

NO CHARGE FOR CONNECTIONS

46984



Sewer Curve Data  
 $\Delta = 15^\circ 21' 33''$   
 $R = 405'$   $L = 102.57'$  27

