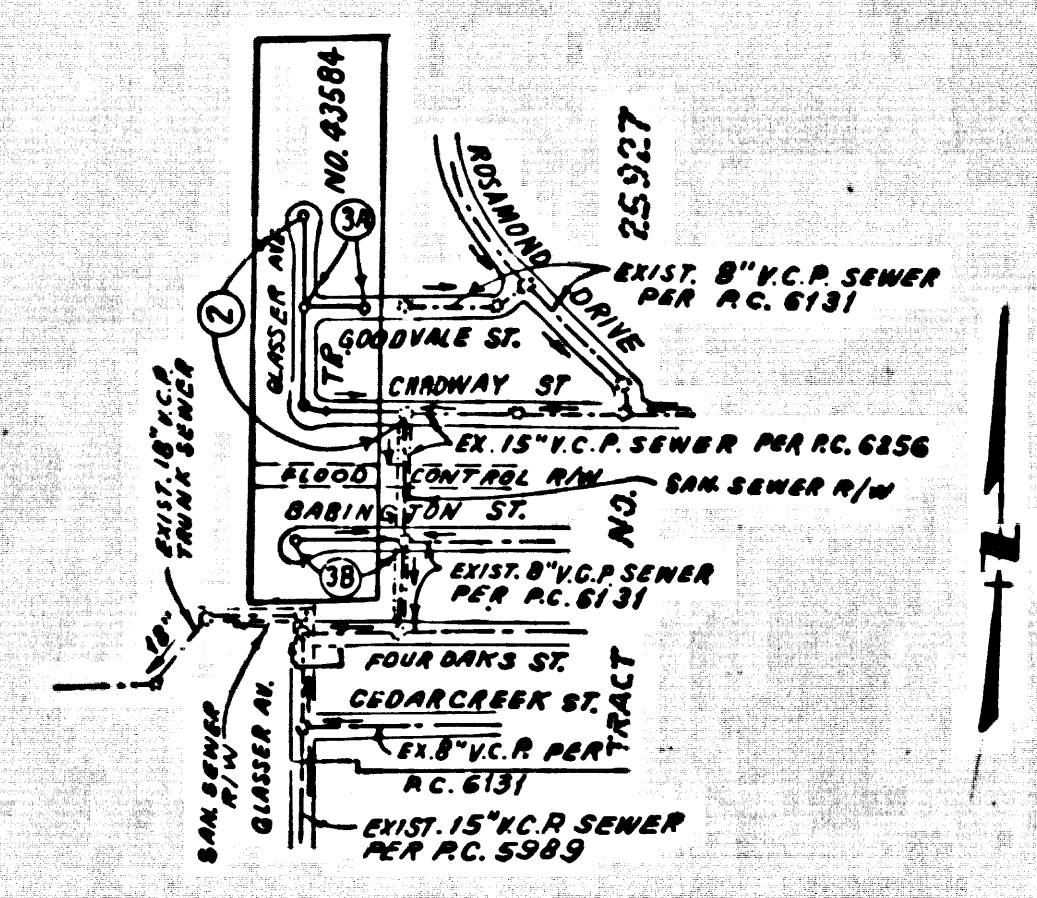


B.M. CL 5113 ELEV 1381.512  
 RD. E.M. TAG IN WLY WALL C.B. 20 FT N/O  
 & NADAL ST. 74 FT E/O &  
 WHITES CYN. RD. 7 FT. 5/0 B.C.R. @ NE COR.  
 NEWHALL. QUAD. 19 1983

DOUBLE SCALE

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.



INDEX MAP  
 SCALE: 1" = 60 FT  
 RC. NO. 10439  
 TRACT NO. 43584  
 NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBER

- GENERAL NOTES:**
1. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION IN THE COUNTY OF LOS ANGELES, CALIFORNIA, 1983 EDITION WITH ANY AMENDMENTS THEREON.
  2. NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS SHALL BE PRESENT AT ANY PORTION OF THE WORK.
  3. 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. ALL POINTS BETWEEN DESIGNATED POINTS ON THE GRADE SHALL BE ESTABLISHED AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
  4. THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 12" OR 18" 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 RECORDED IN WRITING BY THE PRIVATE ENGINEER.
  5. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH TO THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
  6. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO DIG IN COUNTY STREETS FROM THE ROAD ELEMENT OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS, DISTRICT OFFICE NO. 2 AND PAY FEE TO THE DIRECTOR OF PUBLIC WORKS, 800 & VERMONT AVE., LOS ANGELES, CALIFORNIA 90012, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
  7. 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.
  8. 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.
  9. REFER TO SECTION 7.18.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
  10. PRIOR TO 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 DIG IN COUNTY STREETS FROM THE ROAD ELEMENT AT THE DEPARTMENT OF PUBLIC WORKS, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND CERTIFICATION OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 800 & VERMONT AVE., LOS ANGELES, CALIFORNIA, FORM F-18, MARKED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

- CONSTRUCTION NOTES:**
1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION IN THE COUNTY OF LOS ANGELES, CALIFORNIA, 1983 EDITION WITH ANY AMENDMENTS THEREON.
  2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 228-2881 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE AND 18" BELOW CURB GRADE EXCEPT AS NOTED.
  4. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWERS EXCEPT AS NOTED.
  5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 8-23 OR PRECAST CONCRETE MANHOLES PER 8-23, EXCEPT 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 36" ABOVE FINISHED GRADE.
  8. WITHELD CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 808-8.
  9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 8-23 CASE II TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
  10. IF THE COVER 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 8-23, CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
  11. ALL JOINTS BETWEEN CAST IRON PIPE AND WITHELD CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 808-8.
  12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 308-1.1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
  13. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  14. FULL COMPLIANCE WITH SECTION 308-1.3.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL OF 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 EASEMENT CONSTRUCTION IN BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND BLOBS SHOWN ON THE GRADING PLAN APPROVED BY THE BUILDING AND SAFETY DIVISION. ALL BACKFILL AND EARTH REPLACEMENT SHALL BE COMPACTED TO A MINIMUM OF 90% RELATIVE DENSITY PER A.T. 14. SITE METHOD OF TEST SHALL BE AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.

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

TRACT NO. 43584  
 PRIVATE CONTRACT NO. 10439  
 INDEX A-72  
 2 SHEETS; 3 PAGES

SCALE: VERT. 1" = 4' OCTOBER, 1985

PREPARED IN THE OFFICES OF  
**SIKAND ENGINEERING ASSOCIATES**  
 15230 SUPANAK BLVD.  
 VAN NUYS, CALIFORNIA 91411 (818) 787-8550  
 BY: *[Signature]*  
 REG. C.E. NO. 16213

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

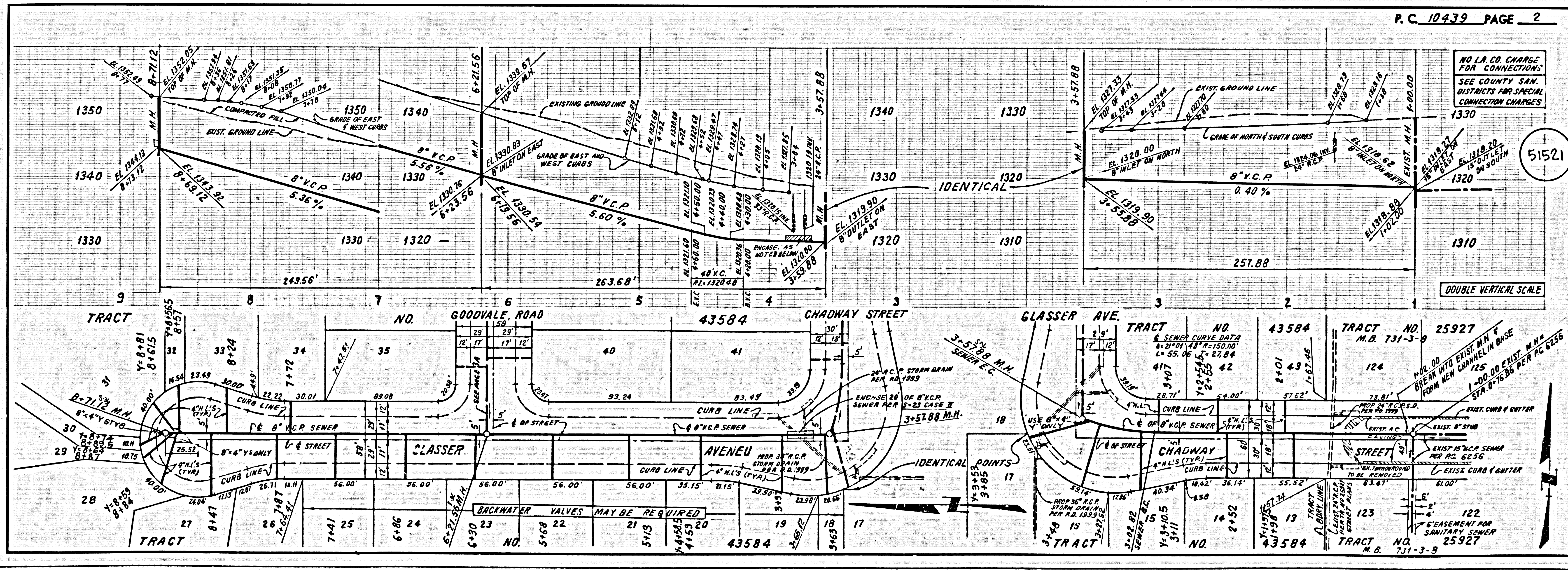
LEGEND	DATE
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-23
BRICK SEWER MANHOLE	8-23
STANDARD MANHOLE STEP	8-23
BEDDING FOR SEWER PIPE	8-23
CHIMNEY AND ENCASMENT	8-23
WYE OR TEE BRANCHING	8-23
ALLOWABLE TRENCH WIDTHS	8-23
LOCKING MANHOLE FRAME AND COVER	8-23
NON-REINFORCED PRECAST CONCRETE SEWER MANHOLE	200-9
SPECIAL HOUSE LATERALS	8-23

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

CHARLES W. CARRY  
 CHIEF ENGINEER

APPROVED *[Signature]* 3/11/86  
 CHECKED *[Signature]* 3/11/86  
 REG. C.E. NO. 16213

SANTA CLAYTON MILLEY BLDG. DIST. 8.2



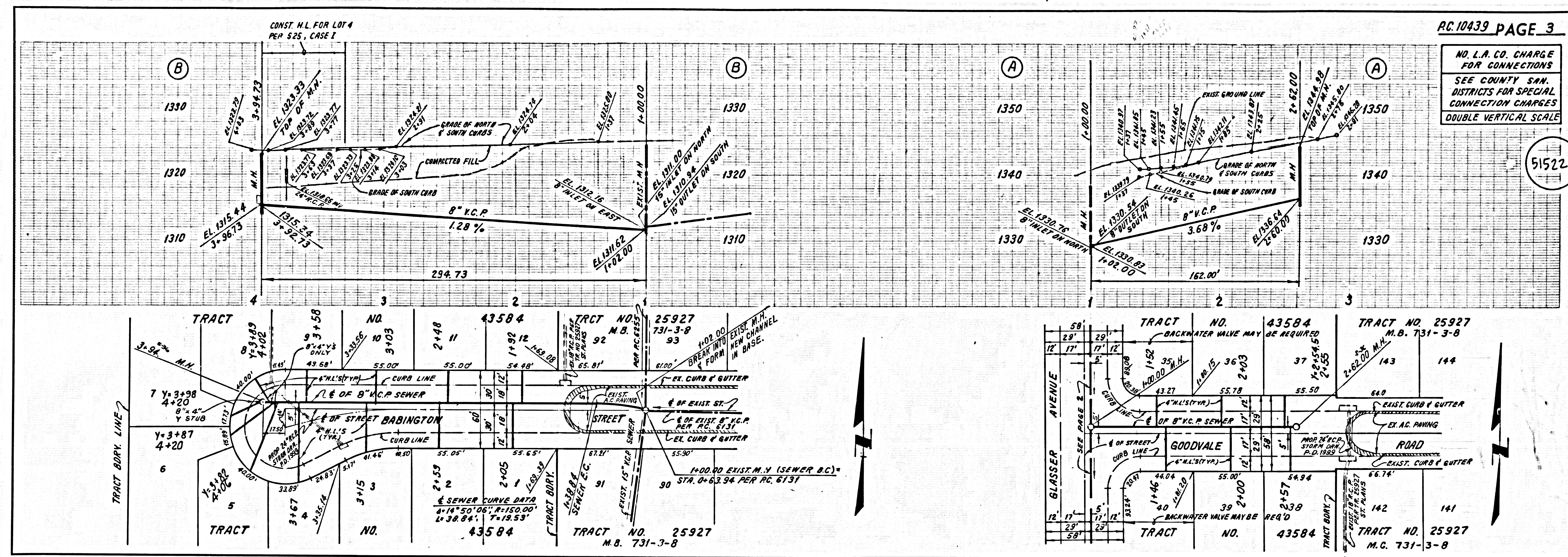
P.C. 10439 PAGE 2

NO L.A. CO. CHARGE FOR CONNECTIONS  
 SEE COUNTY SAN. DISTRICTS FOR SPECIAL CONNECTION CHARGES

DOUBLE VERTICAL SCALE

1 48225 ON TRACT BC 10439



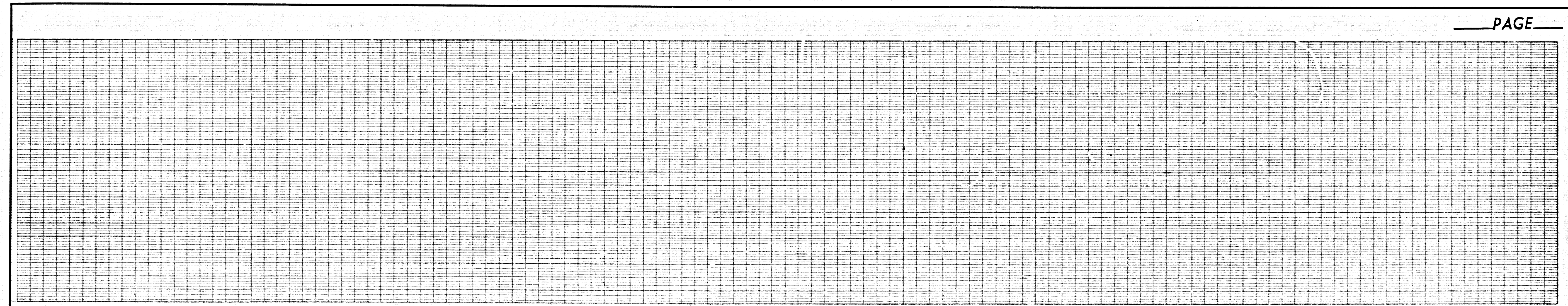


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NO. L.A. CO. CHARGE FOR CONNECTIONS  
SEE COUNTY S.P.N. DISTRICTS FOR SPECIAL CONNECTION CHARGES  
DOUBLE VERTICAL SCALE

51522

5  
LUNCL NO. 43284 BC 10439



PAGE