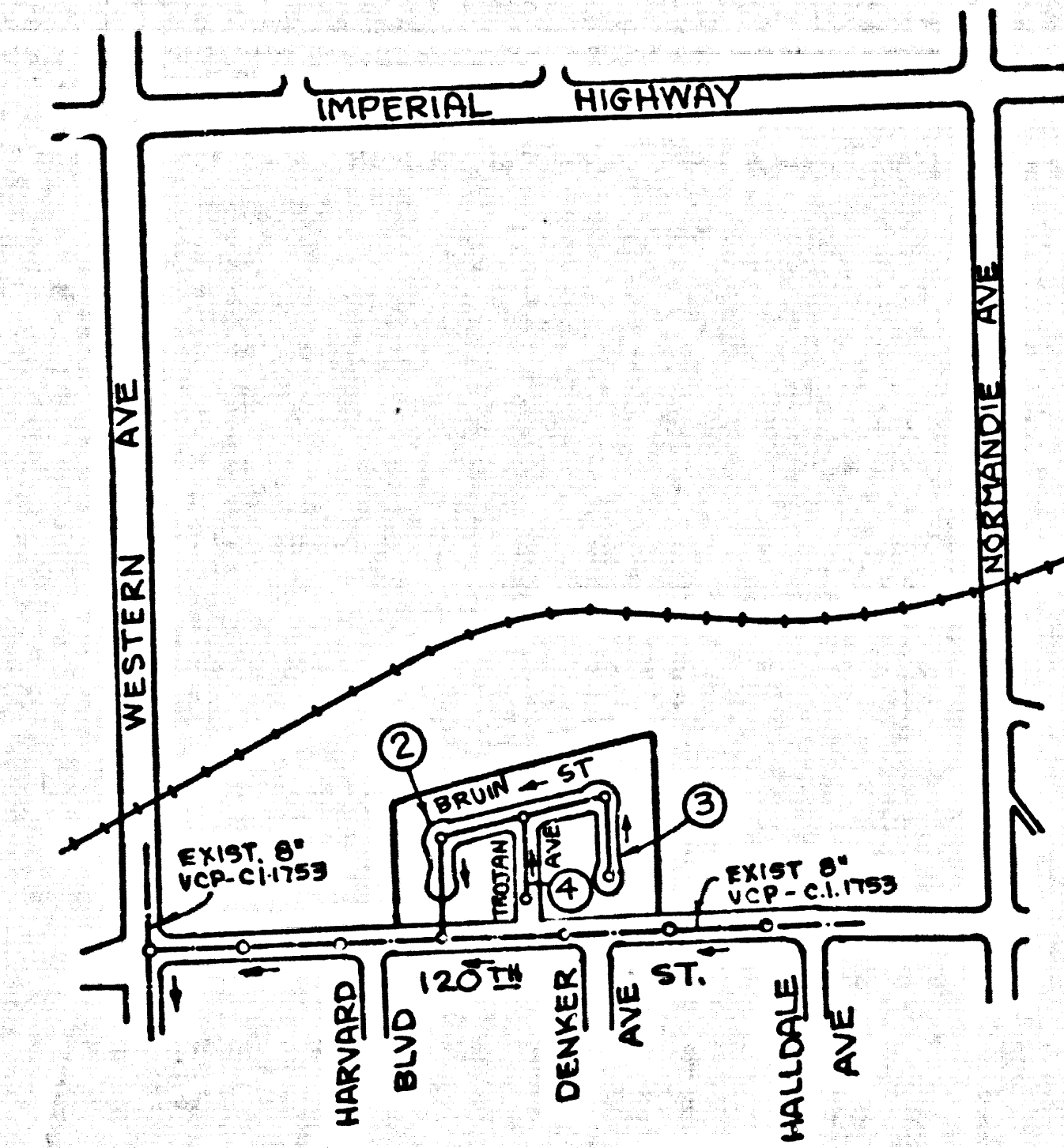


B.M. BY 7941 ELEV. 192.273
 RD DEPT. 8.1 T&B 10' W OF BCR 32' N AND
 77' W OF E INT. NORMANDIE AVE AND
 120TH ST.
 WATTS QUAD. 1982



INDEX MAP
 P.C. 10382 TR. NO. 34426
 SCALE 1"=600'

NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS.

GENERAL NOTES (CONTINUED)
 12 ALL REFERENCES ON THIS PLAN TO THE COUNTY ENGINEER, THE ROAD DEPT. OR THE FLOOD CONTROL DISTRICT SHALL BE TO THESE APPROPRIATE SECTIONS OF THE 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 638-1161 SO THAT REQUIRED INSPECTION CAN BE MADE.

GENERAL NOTES:
 1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN SEAS LEVEL 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 THE 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 IN CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED MAIN 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" ON "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 ALLEYS. 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 INDICATED BY 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 ENCASE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 3 AND PAY A FEE TO THE COUNTY ENGINEER, REGIONAL OFFICE, TO COVER THE COST OF CONSTRUCTION INSPECTION AND SECOND 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, 128 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 THE PROJECT. THIS NOTE APPLIES TO ALL PAGES.
 10. REFER TO SECTION 7.1.1.1.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
 11. PRIOR TO THE ISSUANCE OF THE REQUIRED CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE LOS ANGELES COUNTY ROAD DEPT. ENGINEER IN COUNTY STREETS AND WITH THE COUNTY ENGINEER IN COUNTY HIGHWAYS FROM THE STATE OF CALIFORNIA A PERMIT FOR EXCAVATIONS AND INSTALLATION OF UNDERGROUND CONSTRUCTION WITHIN THE COUNTY OF LOS ANGELES. THE COUNTY ENGINEER, LOS ANGELES, CALIFORNIA, SHALL BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF PERMIT.

CONSTRUCTION NOTES:
 1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1985 EDITION) WITH SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPT. 21, 1976. ALL SMALL AND PROHIBITIVE SIGNAGE IN THE PRESENCE OF THE COUNTY ENGINEER AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 2. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & 10" BELOW CURB GRADE EXCEPT AS NOTED.
 3. V.C.P. OR THE BRANCHES MAY BE USED FOR CONNECTIONS TO ALUMINUM SEWERS EXCEPT AS NOTED.
 4. ALL STRUCTURES SHALL BE BUILT ON PRECAST CONCRETE MANHOLES PER S-24, EXCEPT AS NOTED.
 5. INVERTS SHALL BE ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 6. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 7. VITRIFIED CLAY PIPE JOINTS SHALL BE PER "T", "F", OR "B" PER STANDARD SPECIFICATIONS SECTION 380-2.
 8. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-25, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
 9. 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-25, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 10. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER ELBOW JOINT, TYPE "C" OR "D", WITHIN ALLOWED BY STANDARD SPECIFICATIONS SECTION 380-2.
 11. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 380-2.7 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 12. REPAIRS TO ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 13. PIPE CONNECTIONS WITH SECTION 380-2.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS AT 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 EXISTING TRENCH CONSTRUCTION: (A) BACKFILL TRENCH AND REPLACE SPECIAL BACKFILL IN EXISTING TRENCH CONSTRUCTION; (B) SPECIAL BACKFILL SHALL BE DEVELOPED BY THE BUILDING DEPARTMENT. SPECIAL BACKFILL PLAN APPROVED FOR THIS DEVELOPMENT BY THE BUILDING DEPARTMENT SHALL BE COMPLETED BY THE PERMITTEE. (C) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (D) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (E) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (F) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (G) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (H) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (I) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (J) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (K) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (L) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (M) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (N) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (O) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (P) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (Q) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (R) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (S) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (T) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (U) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (V) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (W) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (X) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (Y) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS. (Z) ALL BACKFILL SHALL BE TESTED PER SECTION 380-2.3 OF THE STANDARD SPECIFICATIONS.

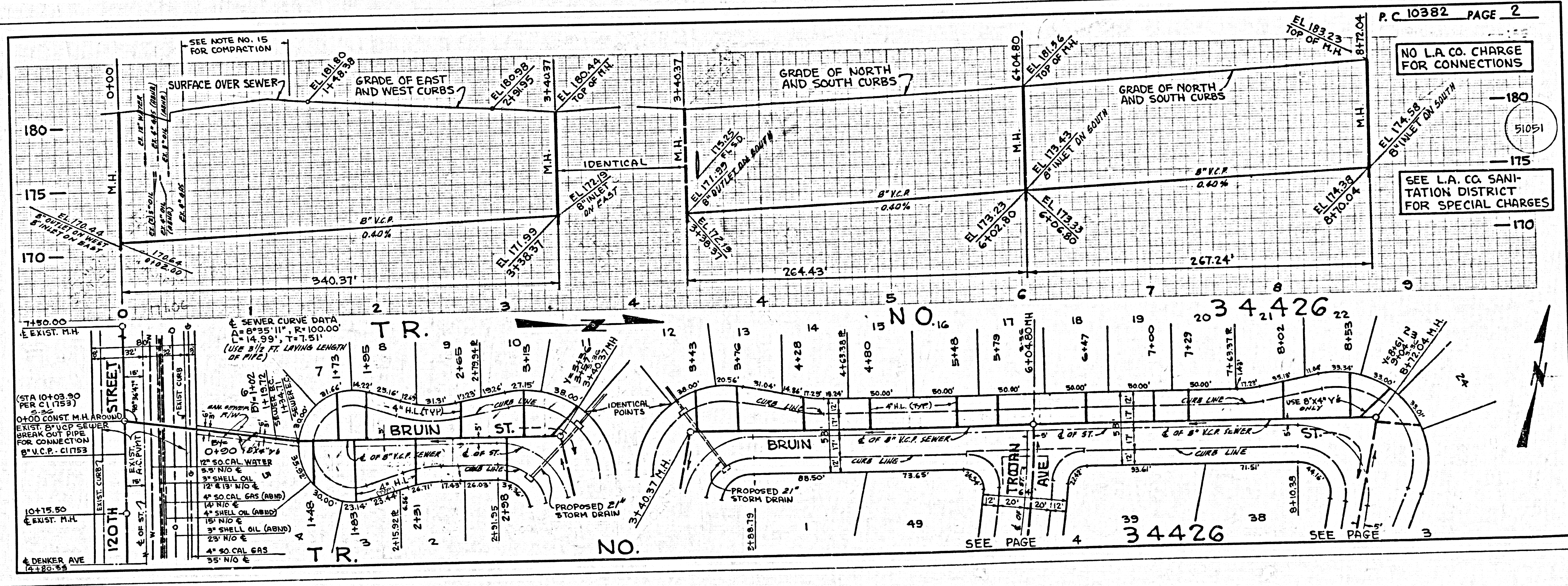
TRACT NO. 34426
 PRIVATE CONTRACT NO. 10382
 C-60, D-3
 2 SHEETS, 4 PAGES

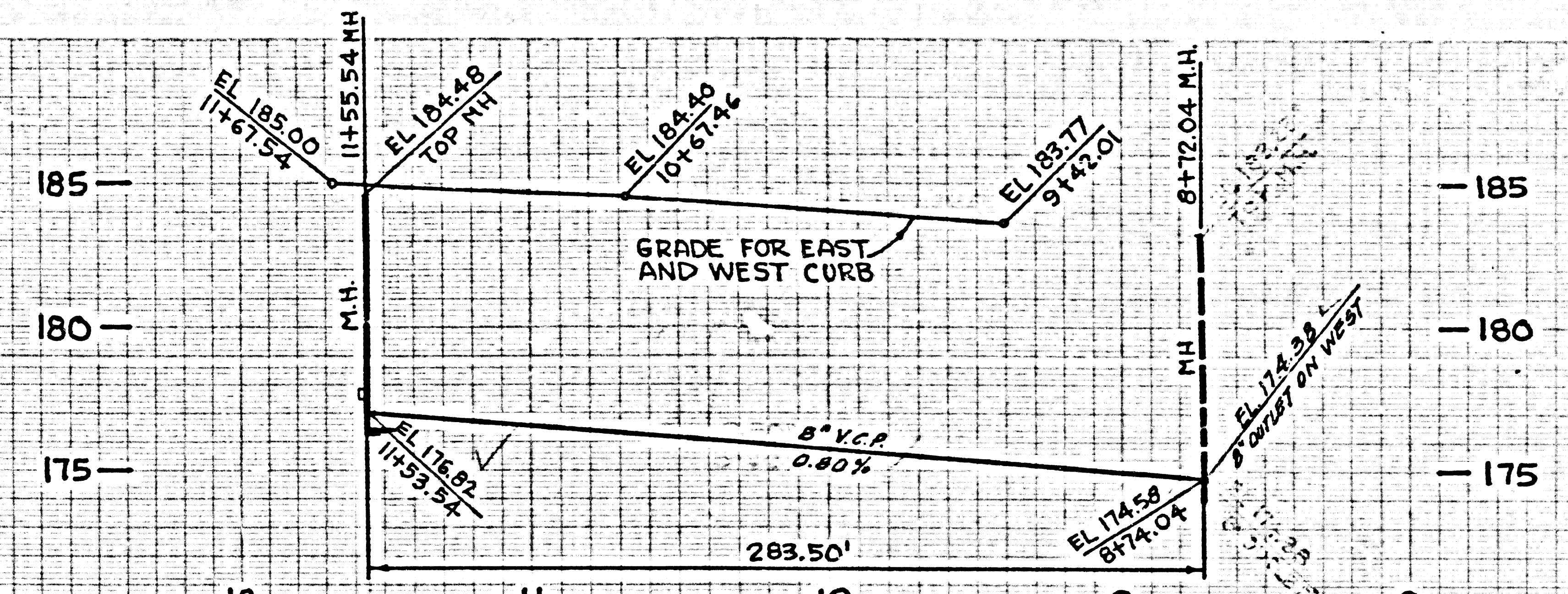
SCALE: VERT. 1"=4' HORIZ. 1"=40'
 PREPARED IN THE OFFICES OF
 MOLLENHAUER, HIGASHI AND MOORE, INC.
 433 S. SPRING ST., SUITE 901, L.A. 90013
 213/424-2661
 BY: *Charles W. Carry*
 REG. C.E. NO. 11037

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

SEWER	51
MINIMUM PUBLIC SAFETY REQUIREMENTS	52
BRICK MANHOLE	53
STANDARD MANHOLE STOP	54
BRICK MANHOLE STOP	55
CHALKING AND ENCASING	56
WYE OR THE SUPPORT	57
ALLOWABLE TRENCH WIDTHS	58
LOCKING MANHOLE FRAMES AND COVERS	59
NON-REINFORCED PRECAST CONCRETE MANHOLE	60

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARRY, CHIEF ENGINEER
 APPROVED *Thomas Tidemanson* 8/29/85
 APPROVED *Charles W. Carry* 9/3/85
 CHECKED *Sanje G. Hald* 8/29/85
 LENNOX IND. DIST.

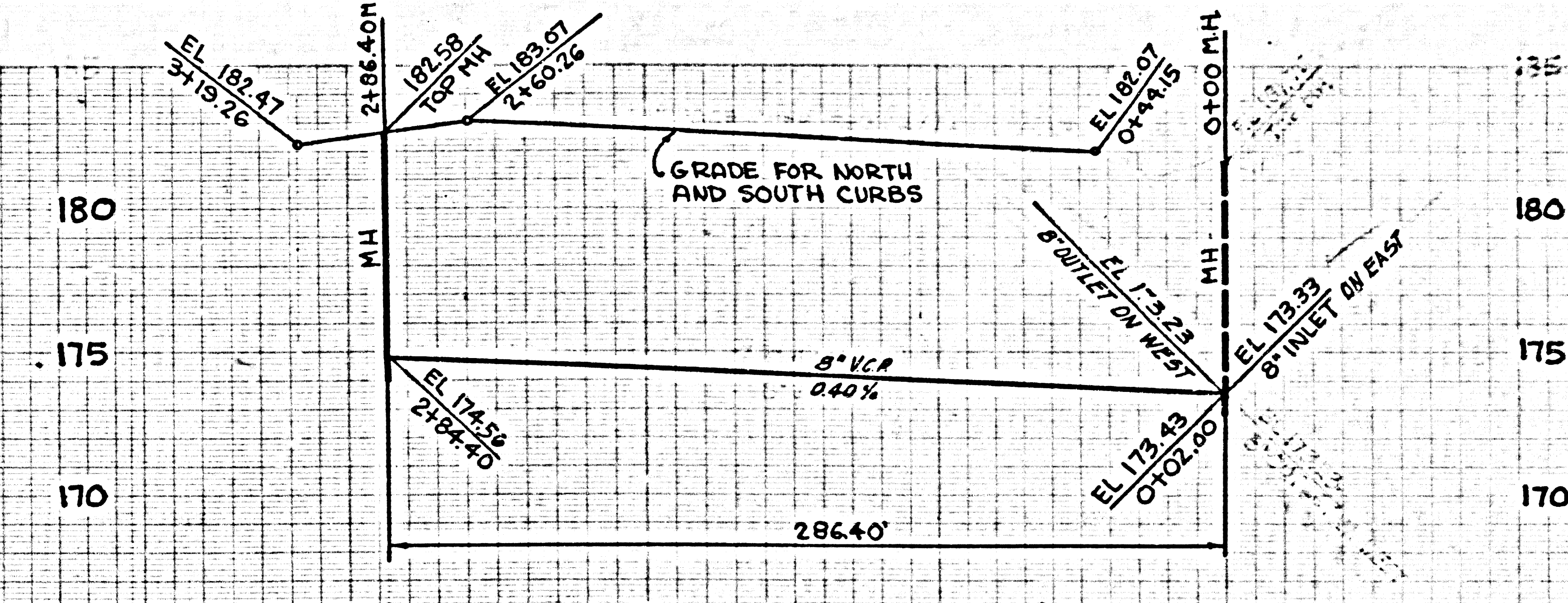
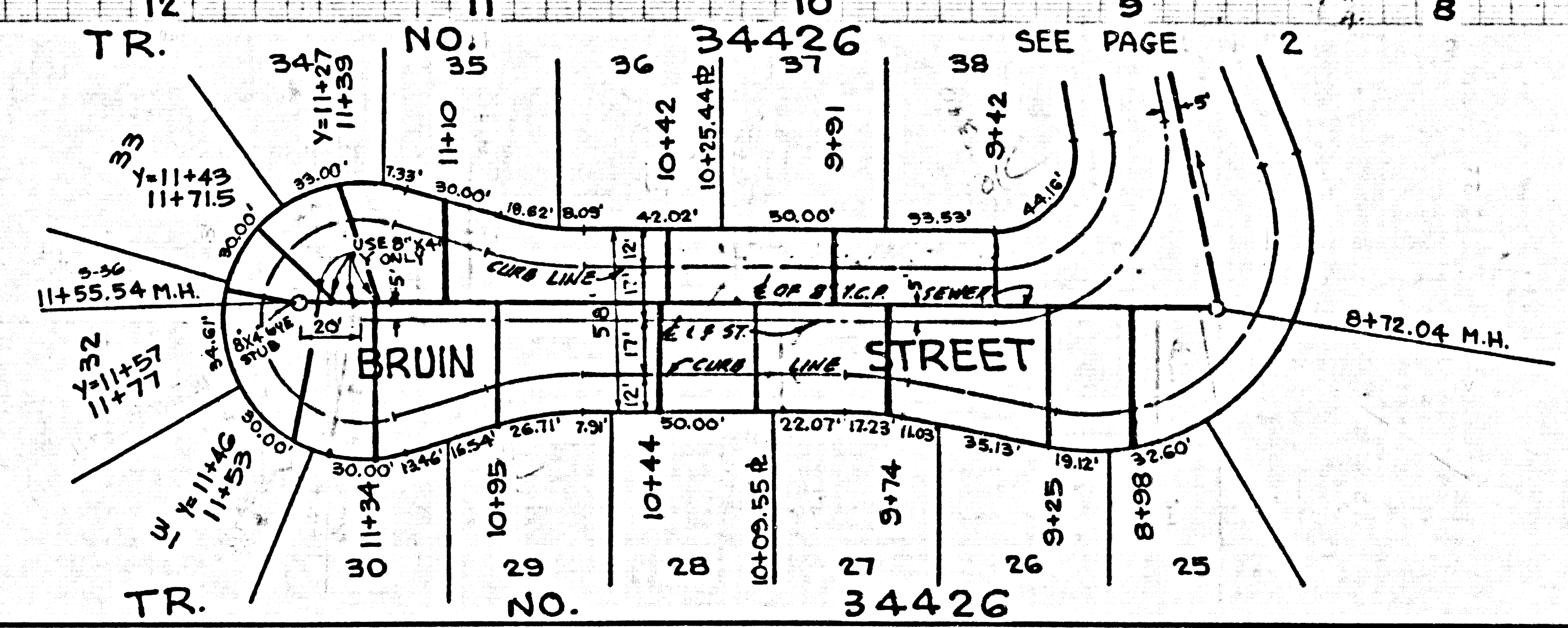




NO L.A. CO. CHARGE FOR CONNECTION
SEE CO. SAN. DISTRICT FOR SPECIAL CHARGES

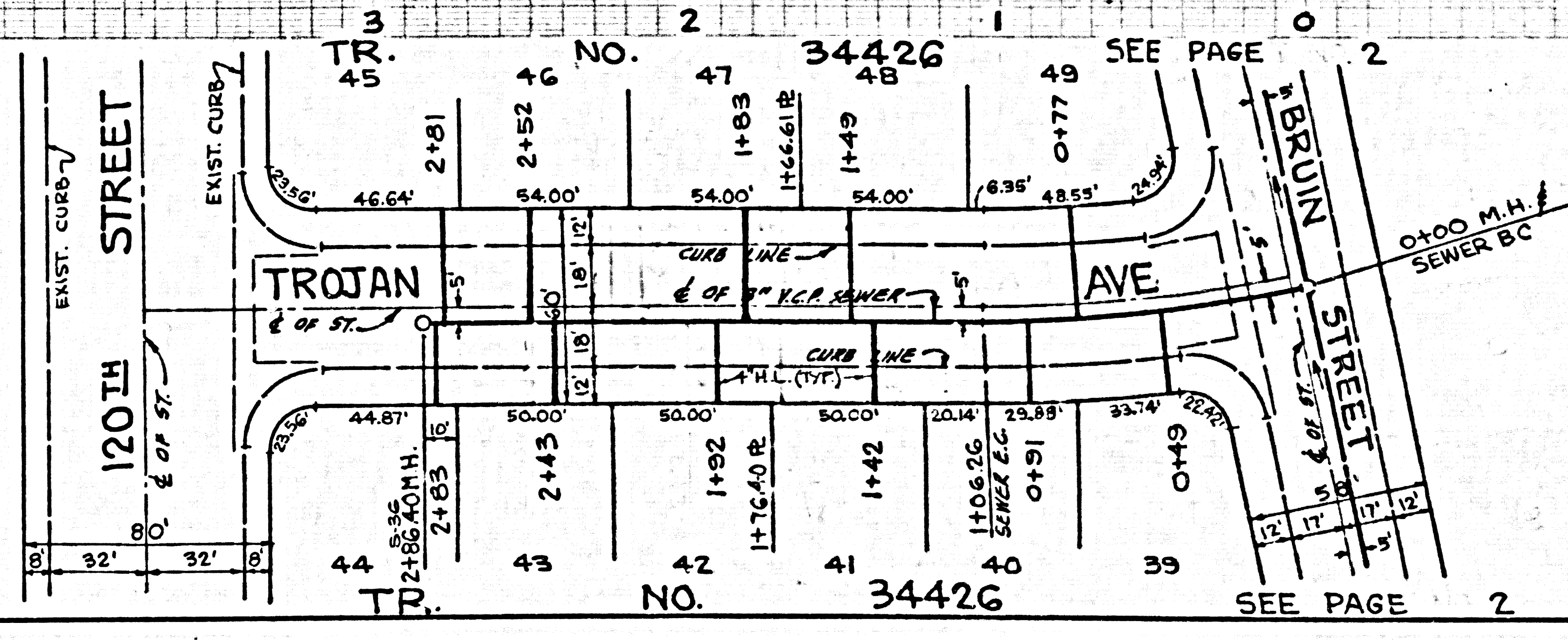
51052

6.82
1.75
7.57



NO L.A. CO. CHARGE FOR CONNECTIONS
SEE CO. SAN. DISTRICT FOR SPECIAL CHARGES.

51053



SANITARY SEWER CENTERLINE CURVE DATA
Δ = 11°29'20"
R = 505.00'
L = 101.26'
T = 50.80'