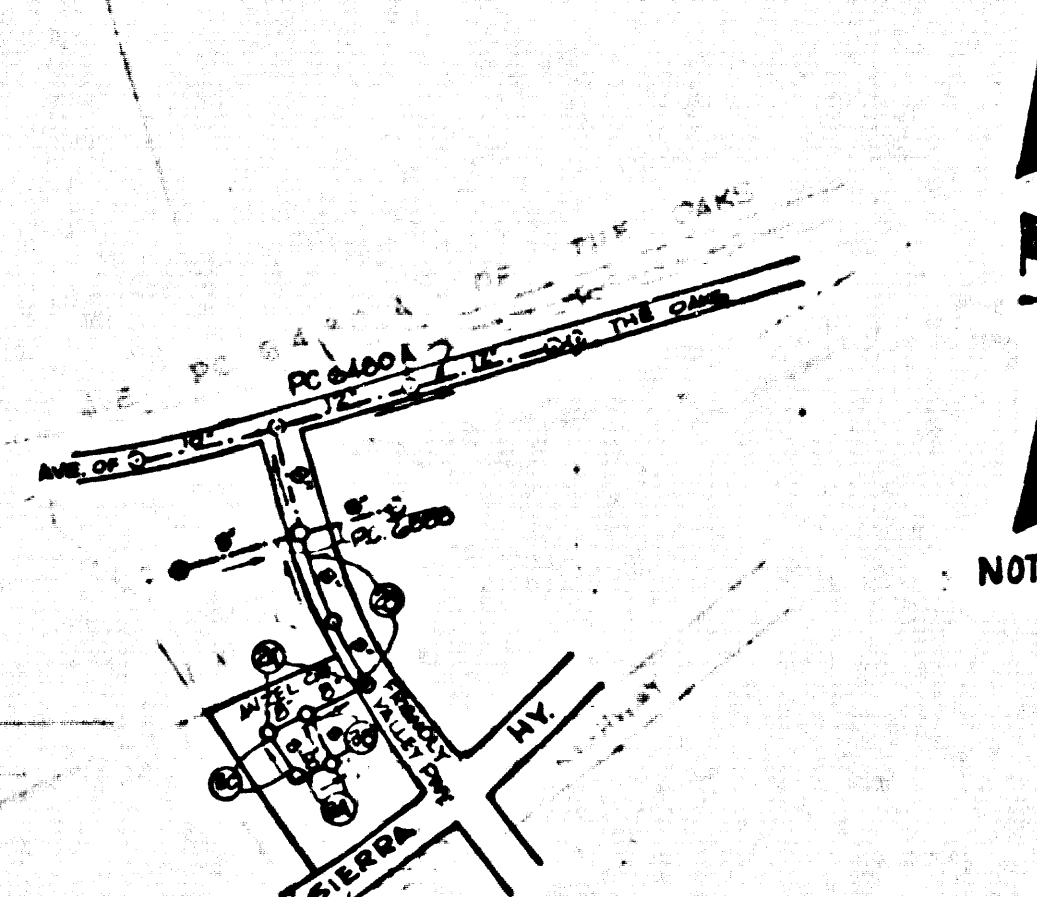


B.M. BL 9755 ELEV. 1522.320
 RD. DEPT. B.M. TAG IN C.B. 1' N. B.C.R.
 44' N. AND 80' W. Q. INT. SIERRA HWY.
 AND FRIENDLY VALLEY PKWY.
 NEWHALL QUAD. 19.72.

SPECIAL BACKFILL IN EASEMENT CONSTRUCTION
 A BACKFILL TRENCH AND REPLACE OTHER EARTH SO
 AS TO ACHIEVE THE NATURAL OR FINISHED GRADES
 AND SLOPES SHOWN ON GRADING PLAN APPROVED
 FOR THIS DEVELOPMENT BY THE BUILDING AND
 SAFETY DIVISION.
 ALL BACKFILL AND EARTH REPLACED SHALL BE
 COMPACTED TO A MINIMUM OF 95% OF BANKING
 DENSITY PER A.S.T.M. STANDARD METHOD OF
 TEST D 698-57T AS MODIFIED ACCEPTABLE
 CERTIFICATION OF SUCH COMPACTION SHALL BE
 SUBMITTED TO THE ENVIRONMENTAL DEVELOP-
 MENT DIVISION.



NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS

INDEX MAP
 SCALE 1"=600'
 P.C. 9738
 TRACT NO. 35182

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES
 SHALL BE MADE TO SEWERS SHOWN ON THIS PLAN UNLESS WITH
 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
 SEWER SYSTEM AND PRIOR TO FINAL ACCEPTANCE OF THE
 PROJECT SANITATION DISTRICT INSPECTOR SHALL BE
 NOTIFIED BY PHONE 922-8141 THAT REQUIRED INSPECTION
 CAN BE MADE.

GENERAL NOTES:

1. ELEVATIONS ARE BY THE MEANS OF A G.E. SEA 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 AT RIGHT ANGLES FROM THE MAIN LINE SEWER. CENTER LINE OF 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 STAGES FOR THEM AT THREE 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. 2, AND PAY A FEE TO THE COUNTY ENGINEER, 800 N. WILSHIRE AVE., LOS ANGELES, CALIF. 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, 126 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 7-18.41 OF THE STANDARD SPECIFICATIONS, REBARING SAFETY ORDERS.
11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE COUNTY ENGINEER COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPARTMENT, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF THE COUNTY ENGINEER, 800 SOUTH VERMONT, RM 406, LOS ANGELES, CALIFORNIA. 900 241111. NUMBER 425 THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS BEFORE CANCELLATION OF POLICY.

CONSTRUCTION NOTES:

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SECTION 200) WITH SURVEYMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS.
2. THE CONTRACTOR SHALL NOTIFY THE P.V.C. DIVISION BY TELEPHONE, 213-758-2700, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THE CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & FEET BELOW CURB GRADE EXCEPT AS NOTED.
4. WYE OR THE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 8-4 OR PRECAST CONCRETE MANHOLES PER 8-36, EXCEPT AS NOTED.
6. PROVIDE STAGES ON THE PROPERTY LINE OR PROPERTY LINES PROVIDED 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 200-2.
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 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 8-23, 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 BUSHINGS IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 200-2.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 200-14 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. SURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
14. FULL COMPLIANCE WITH SECTION 200-8.5 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.

SANITARY SEWERS

TO BE CONSTRUCTED IN
 TRACT NO. 35182

PRIVATE CONTRACT NO. 9738

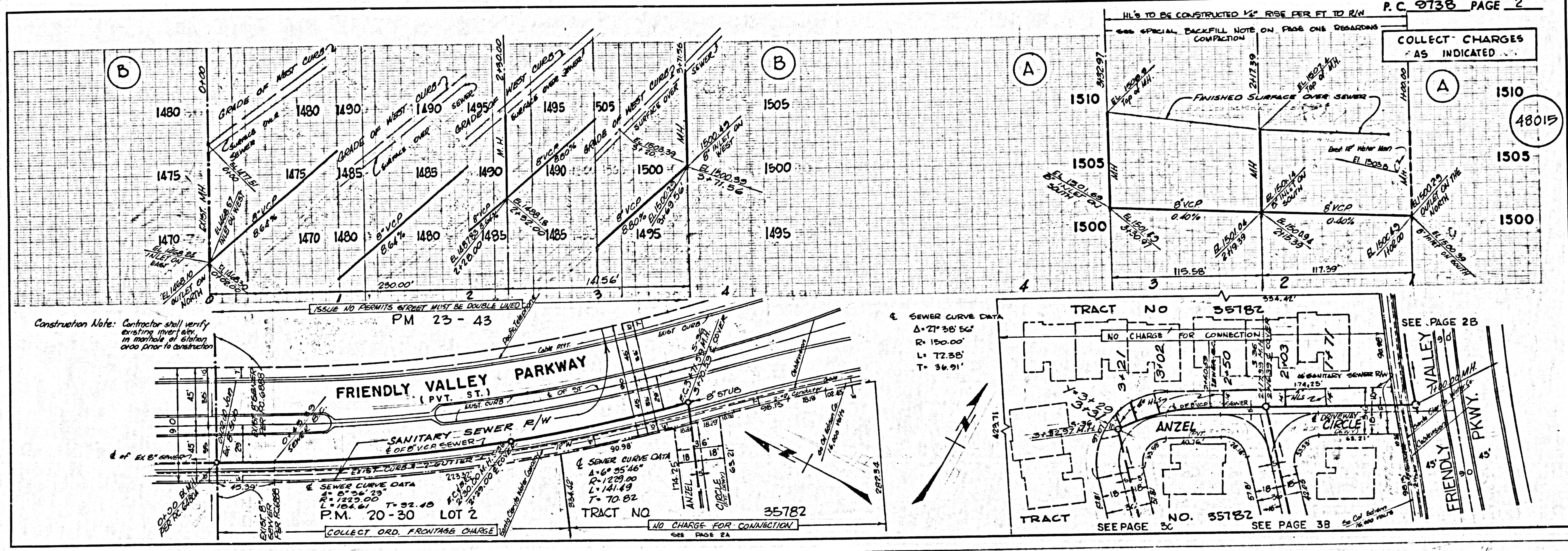
W.S. 62
 2 SHEETS, 3 PAGES
 SCALE: VERT. 1"=4'
 HORIZ. 1"=40'
 NOVEMBER, 1979
 PREPARED IN THE OFFICES OF
 ANDEL ENGINEERING CO.
 BY: *E. J. Ballen*
 REG. C. E. No. 10533

48014

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

LEGEND	
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-1
BRICK MANHOLES	8-2
STANDARD MANHOLE SET	8-3
WORKING FOR SEWER PIPE	8-4
CRACKING AND ENCASING	8-5
WYE OR THE SUPPORT	8-6
ALLOWABLE TRENCH WIDTHS	8-7
LOADING MANHOLE FRAMES AND COVERS	8-8
NON-SKETCHED PRECAST CONCRETE MANHOLE	8-9

COUNTY OF LOS ANGELES, CALIFORNIA
 STEPHEN J. KOONCE, COUNTY ENGINEER
 WALTER S. GARRISON, CHIEF ENGINEER
 APPROVED *Stephen J. Koonce* 2-22-80
 CHECKED *Ralph David Davis* 2/22/80
 REG. C.E. NO. 16873
 SANTA CLARITA VALLEY BLDG. DIST. 82



Construction Note: Contractor shall verify existing invert elevations in manholes at station 0+00 prior to construction

ISSUE NO PERMITS STREET MUST BE DOUBLE LINED

PM 23-43

FRIENDLY VALLEY PARKWAY (PVT. ST.)

SANITARY SEWER R/W

SEWER CURVE DATA
 Δ=71°38'56"
 R=150.00'
 L=72.58'
 T=36.91'

SEWER CURVE DATA
 Δ=68°35'46"
 R=120.00'
 L=141.49'
 T=70.82'

TRACT NO. 35182

NO CHARGE FOR CONNECTION

COLLECT CHARGES AS INDICATED

48015

TRACT NO. 35182

NO CHARGE FOR CONNECTION

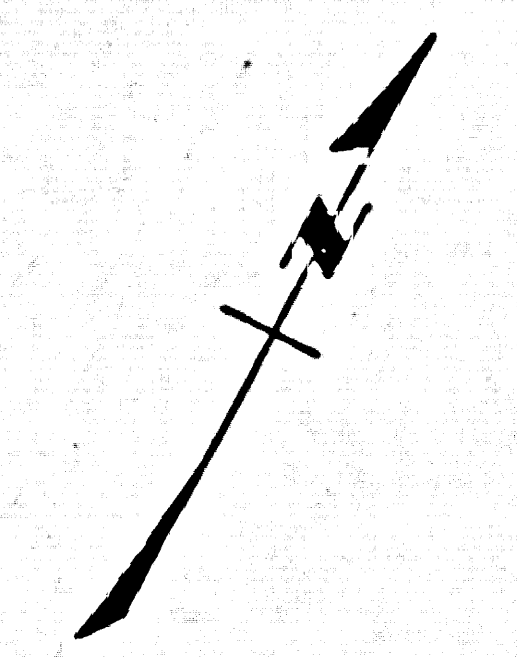
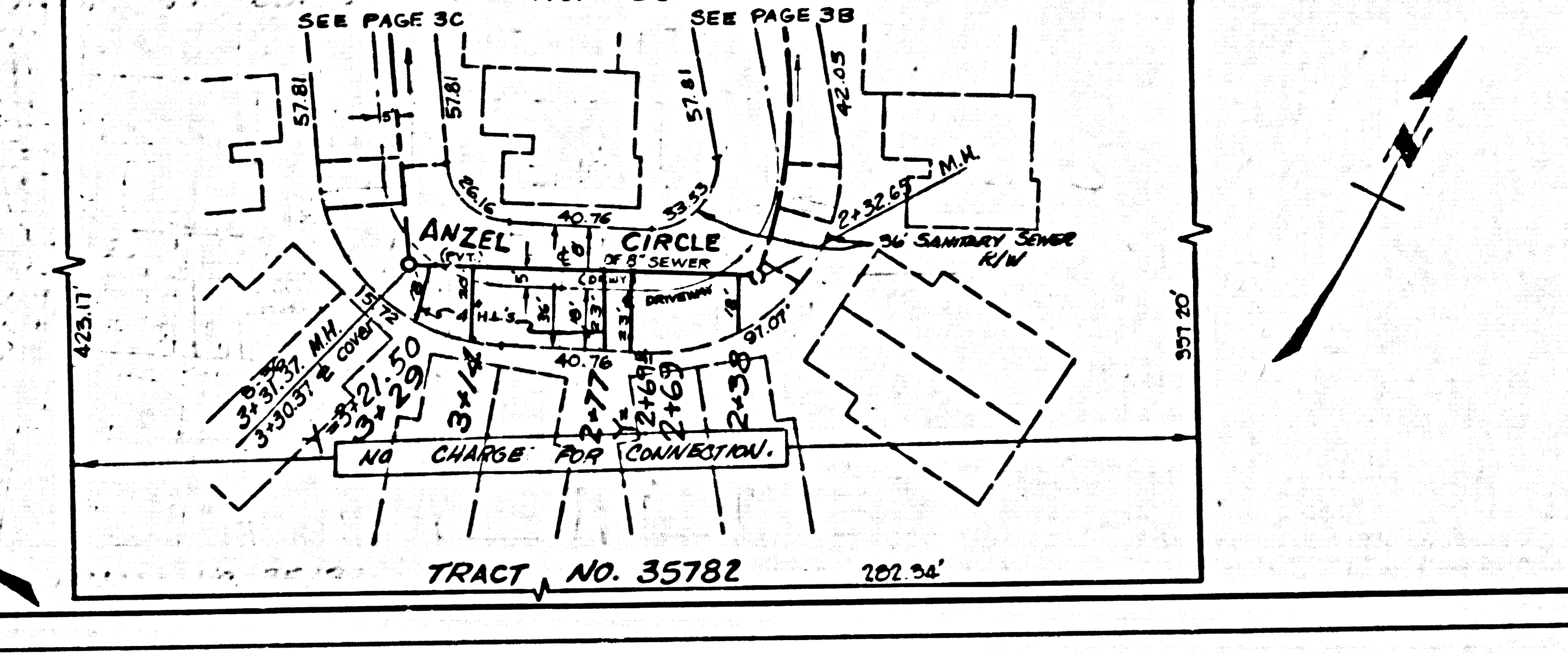
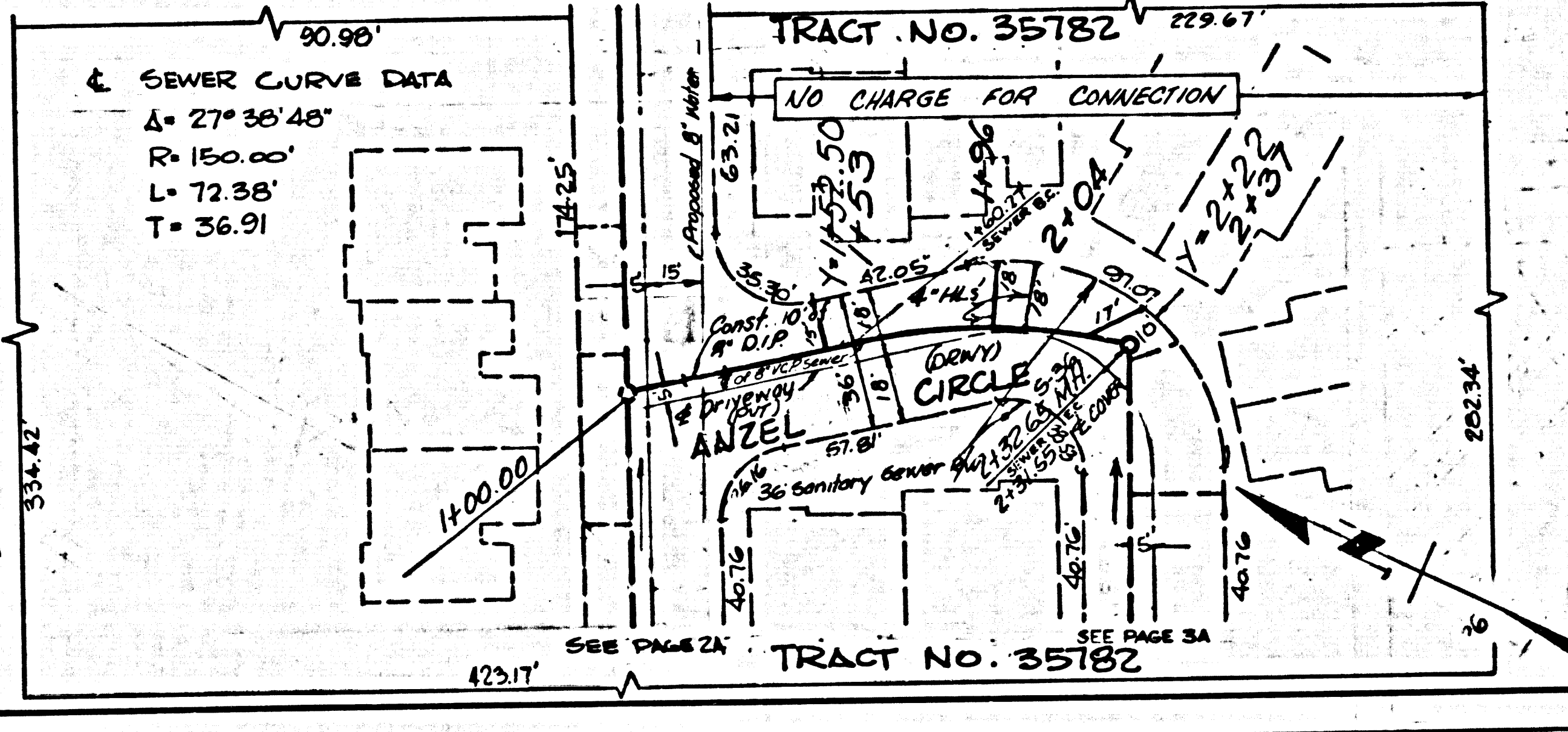
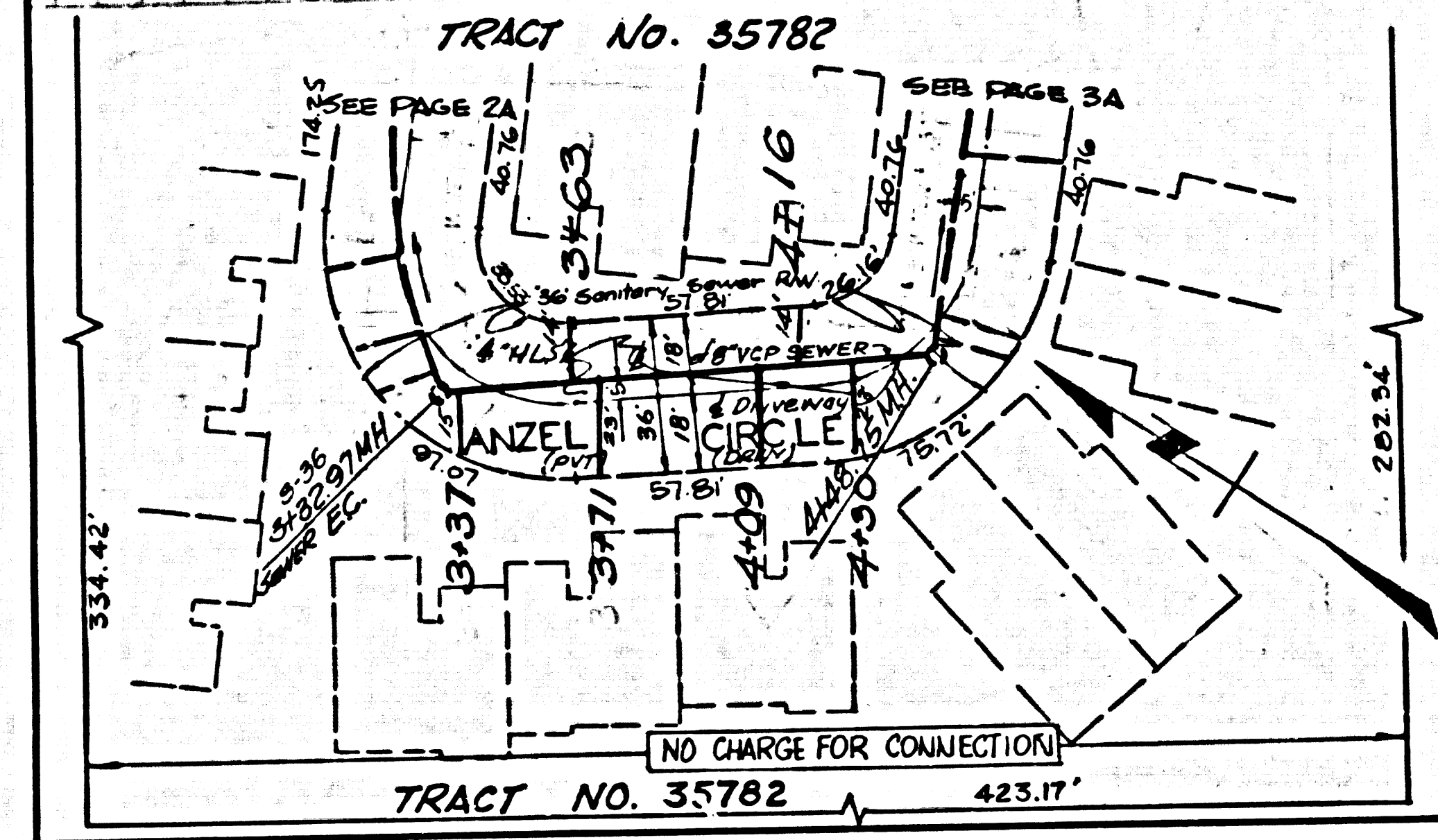
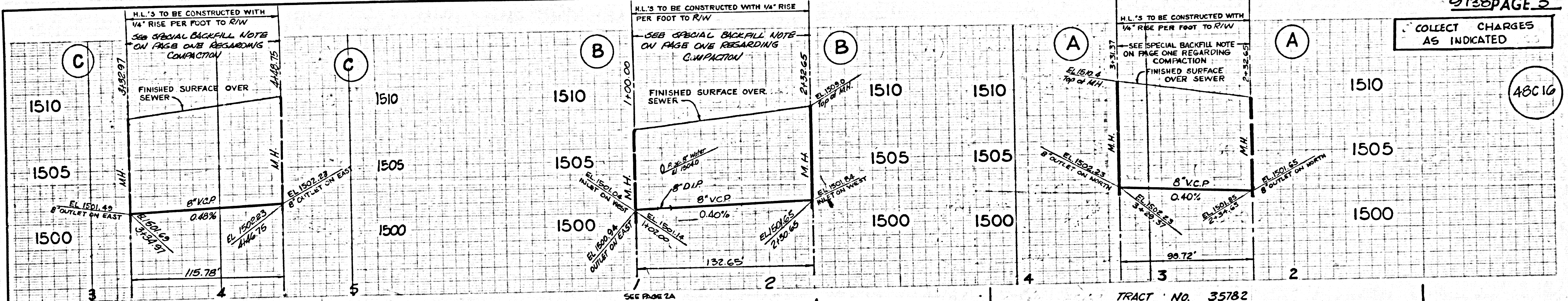
TRACT NO. 35182

SEE PAGE 30

SEE PAGE 38

SEE PAGE 28

COLLECT CHARGES AS INDICATED



8278 34