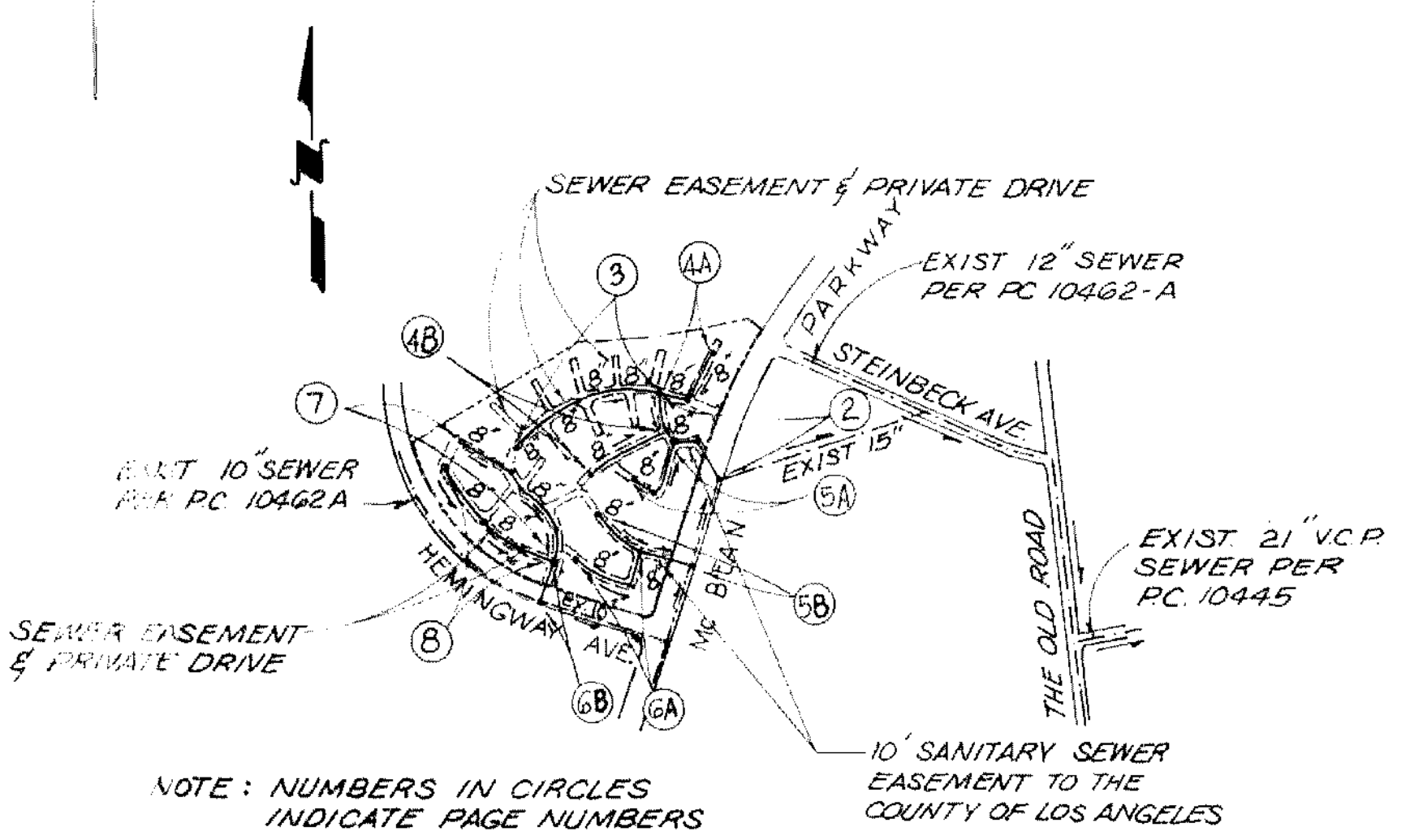


B.M. CL 3960 ELEV. 1262.866
 RDBM TAG IN CONC. BASE OF EDISON
 FPM 1927400E GOFT S B 67 FT E
 C/L INT LYONS AVE. & WILEY CN RD.
 NEWHALL QUAD. 1983

DOUBLE SCALE

GENERAL NOTES:



NOTE: NUMBERS IN CIRCLES
 INDICATE PAGE NUMBERS

A-42
INDEX MAP
 SCALE: 1" = 600'
 PC. 10953
 TRACT NO. 44338
 THOM: 126-H3

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.

**ISSUE NO HL. PERMITS UNTIL OUTLET
 P.C.'S 10445, 10462-A ARE ACCEPTED
 FOR PUBLIC USE BY THE COUNTY
 OF LOS ANGELES.**

- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS
- NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK
- GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTERLINE OF STREETS, CENTERLINE OF ALLEYS AND SHOWN BY DIMENSIONED PROFILES AT ALL POINTS BETWEEN DESIGNATED POINTS. THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE BETWEEN SAID DESIGNATED POINTS.
- THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y" OR "T" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN ALTIMETRIC ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS 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.
- BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONST. DIV. OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS (Permit Office No. 5) AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 900 S. FREMONT AVE., ALHAMBRA, CA. 91803 8TH FL. TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- IF WORK IS TO BE DONE IN A STATE HIGHWAY A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 100 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
- 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.
- REFER TO SECTION 7 TO 8 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY PRECAUTIONS.
- PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED **Sept 21, 1970** AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPT. OF PUBLIC WORKS (818) 458-3129 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.

SCALE: VERT. 1" = 8'
 HORIZ. 1" = 40'
 MAR 27, 1989

PREPARED IN THE OFFICES OF
PACE ENGINEERING, INC.
 5435 BALBOA BLVD., SUITE 101
 ENCINO, CALIFORNIA 91316

BY: *[Signature]*
 REG. C.E. No. 2241

CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1988 EDITION, BY THE DEPT. OF PUBLIC WORKS. SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED **Sept 21, 1970** AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPT. OF PUBLIC WORKS (818) 458-3129 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE, EXCEPT AS NOTED.
- WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-36 EXCEPT AS NOTED.
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PROVIDED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER OF EACH MANHOLE.
- MANHOLE TOPS TO BE IMPROVED RIGHTS OF WAY TO BE LEVEL W/ FINISHED GRADE.
- VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 2007.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-22, CASE I; 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 S-22, CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH BUTTING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 2007.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 2006-1.3.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 2006-1.3.5 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 FINAL ACCEPTANCE.
- SPECIAL BACKFILL IN EASEMENT CONSTRUCTION: ALL BACKFILL TRENCHES AND AREAS OTHER THAN SOILS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE LAND DEV. DIV. DIVISION OF ALL BACKFILL AND EARTH REPLACEMENT SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STD. METHOD OF TEST 99A BY AN APPROVED ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPT.

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

LEGEND	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3
STANDARD MANHOLE STEP	S-17
READING FOR SEWER PIPE	S-21
CHADLING AND ENCASMENT	S-23
WYE OR TEE SUPPORT	S-28
ALLOWABLE TRENCH WIDTHS	S-33
LOCKING MANHOLE FRAME AND COVER	S-36
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-36
EROSION PROTECTION IN STEEP SLOPES...	S-35
SPECIAL HOUSE LATERAL	S-25
BREAKING INTO EXISTING M.H.	S-13

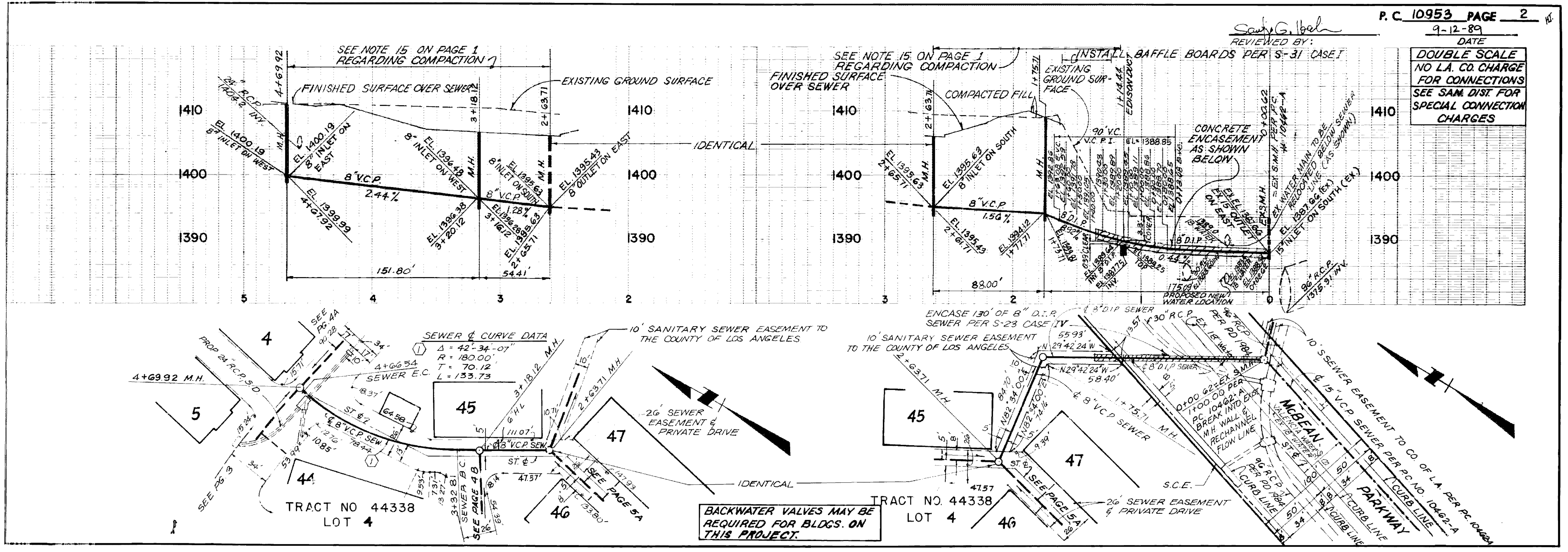
COUNTY OF LOS ANGELES, CALIFORNIA

THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARRY, CHIEF ENGINEER

APPROVED: *[Signature]* 9/13/89
 CHECKED: *[Signature]* 9/12/89

REG. C.E. NO. 18116
 SANTA CLARITA VALLEY BLDG. DIST. 8.2

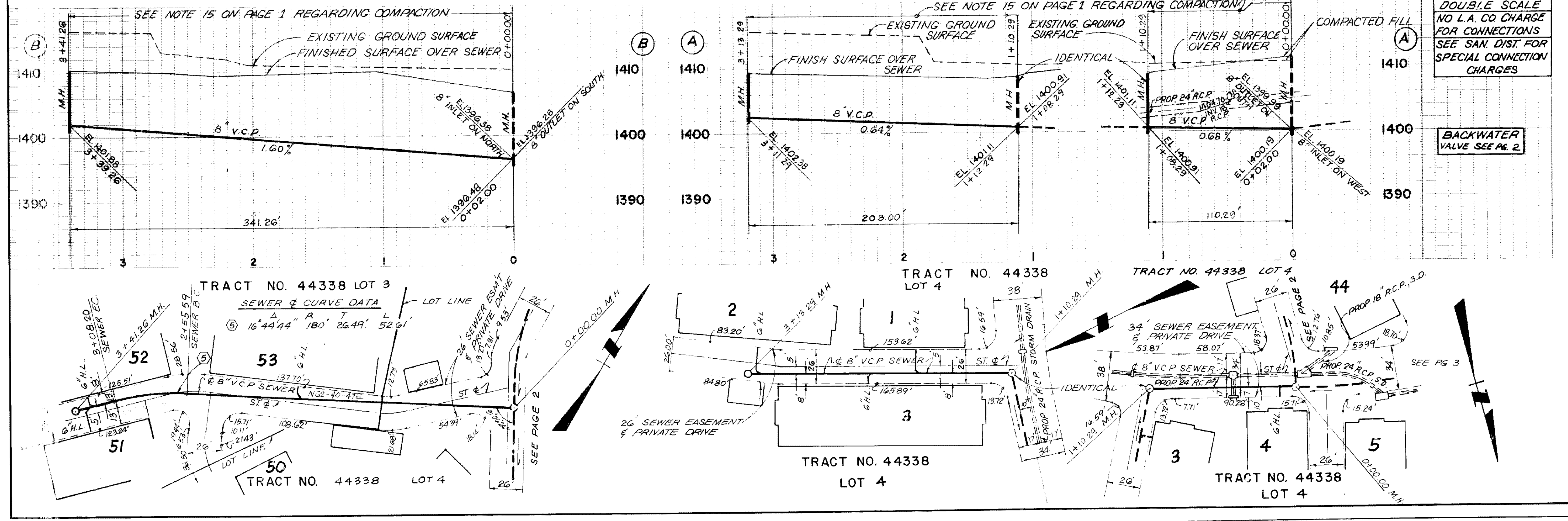
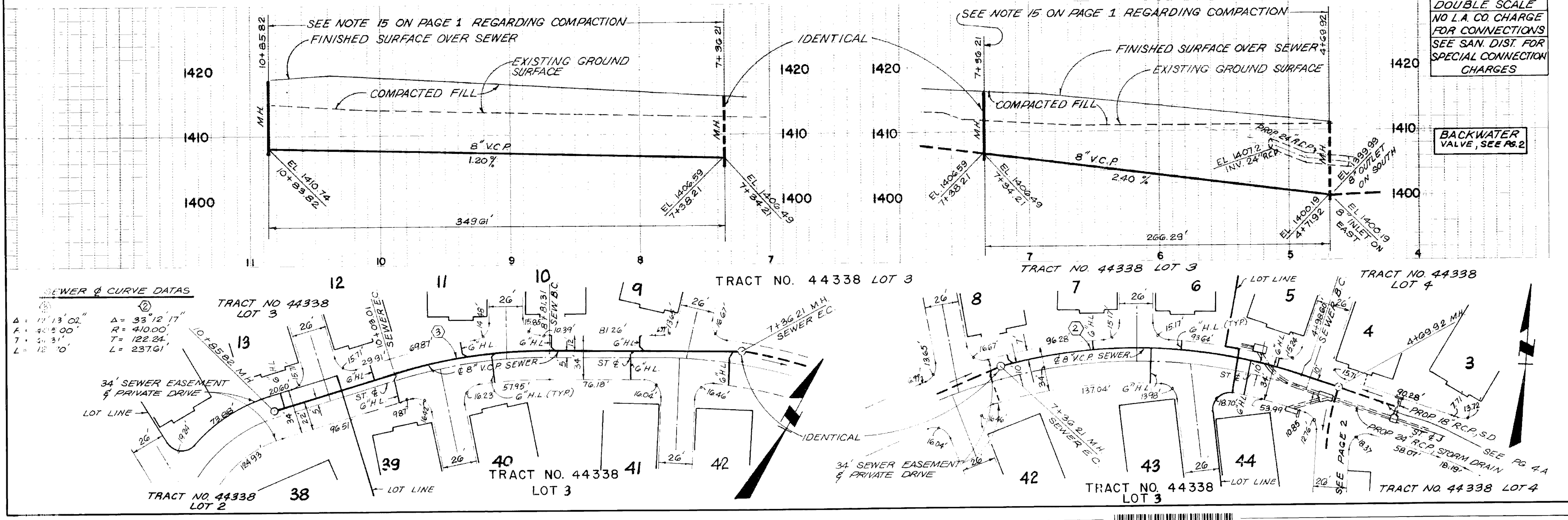
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10901 BC

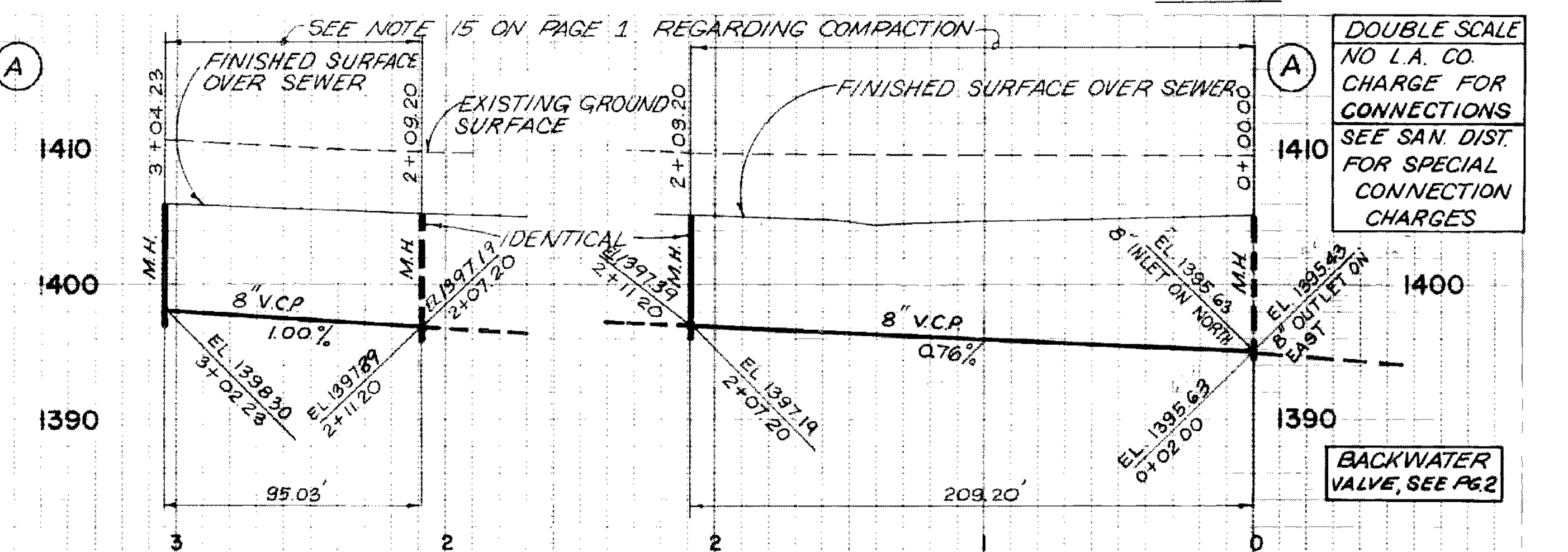
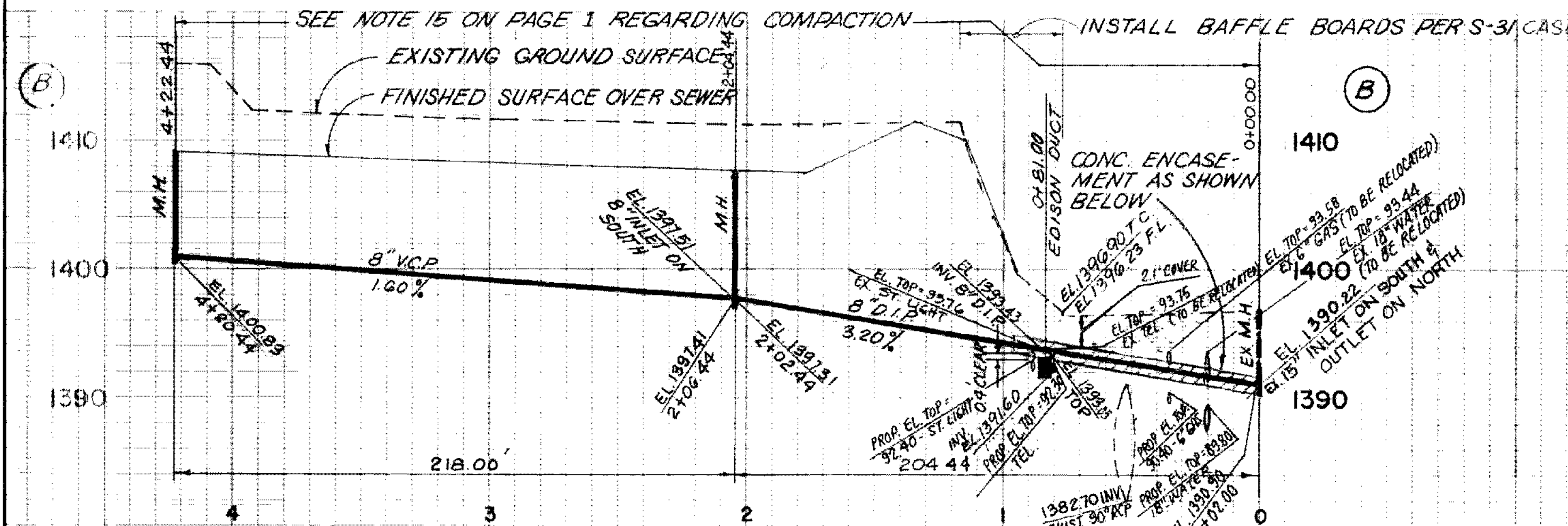
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DATE: 9/12/89



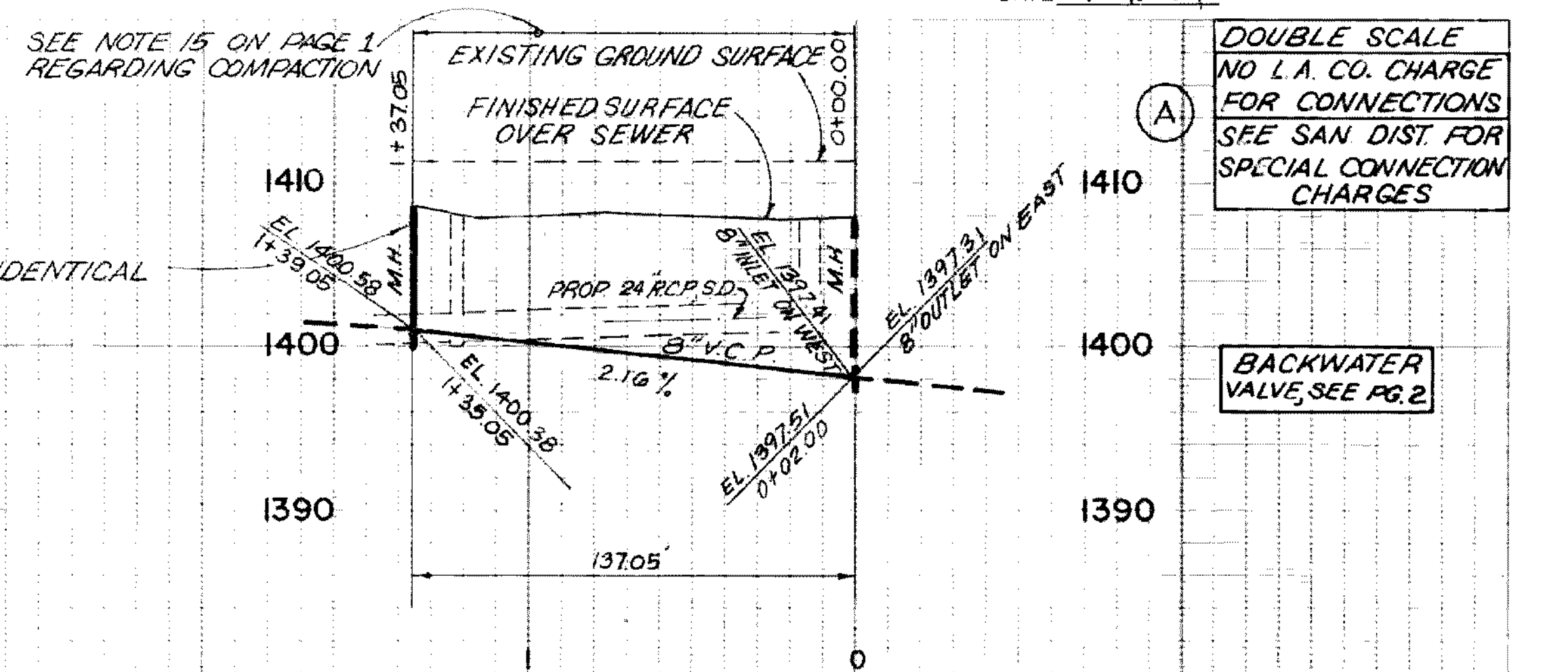
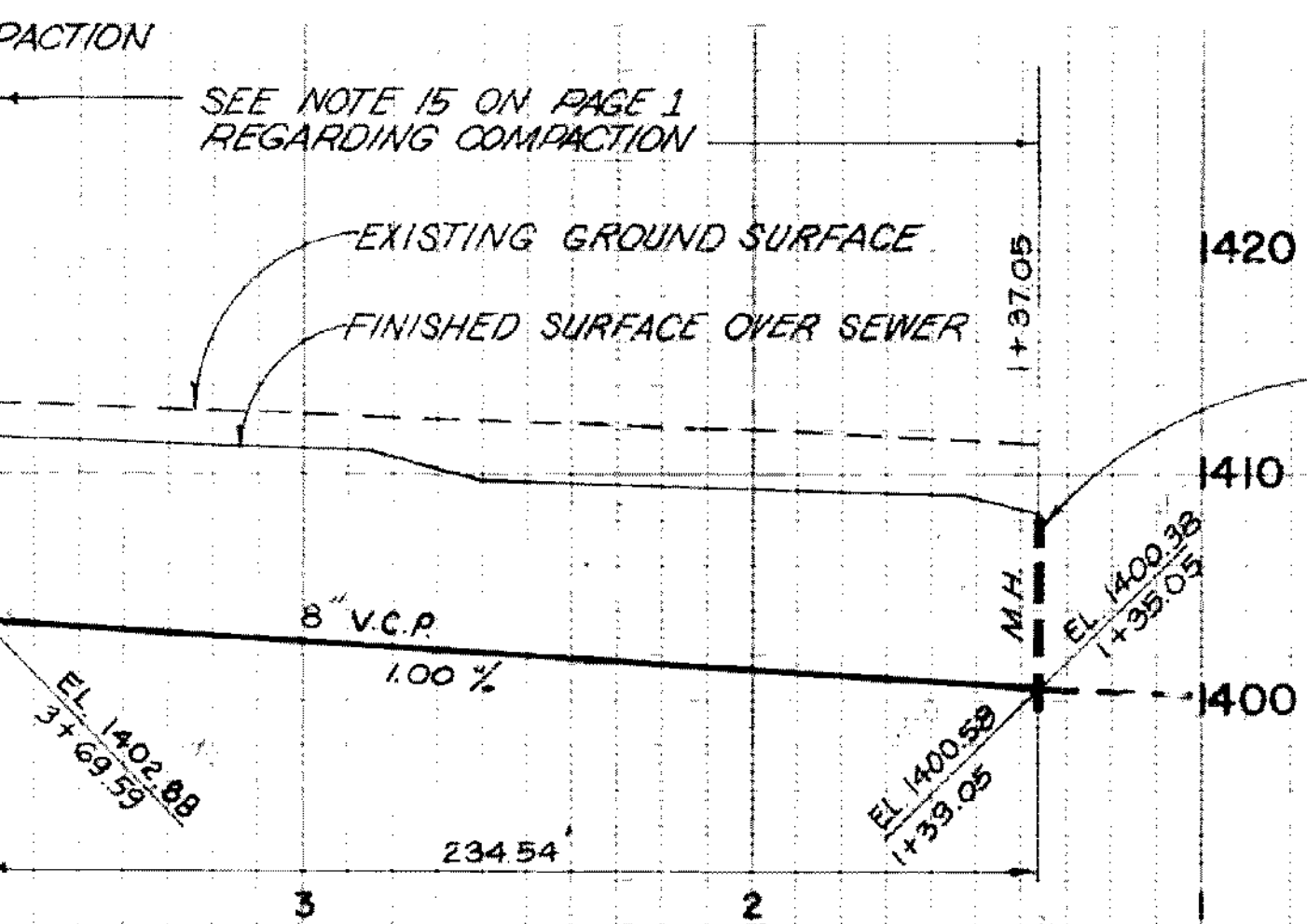
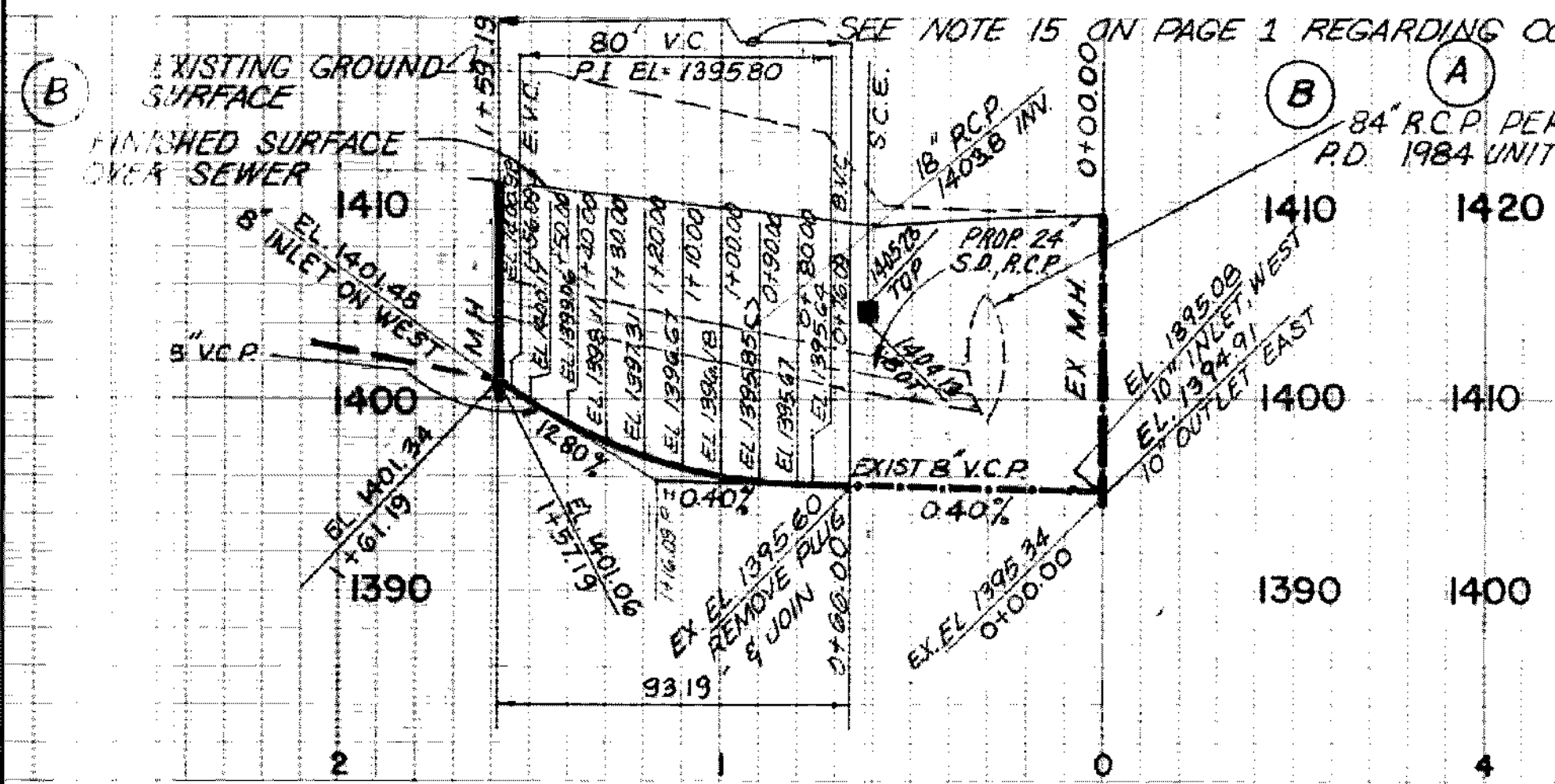
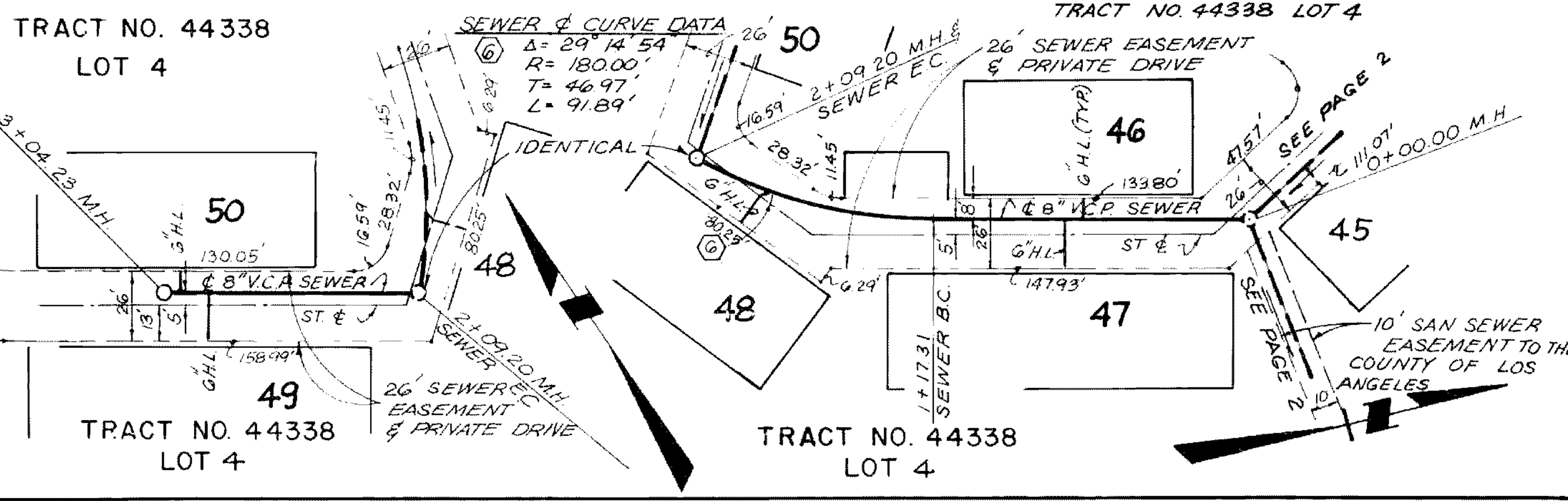
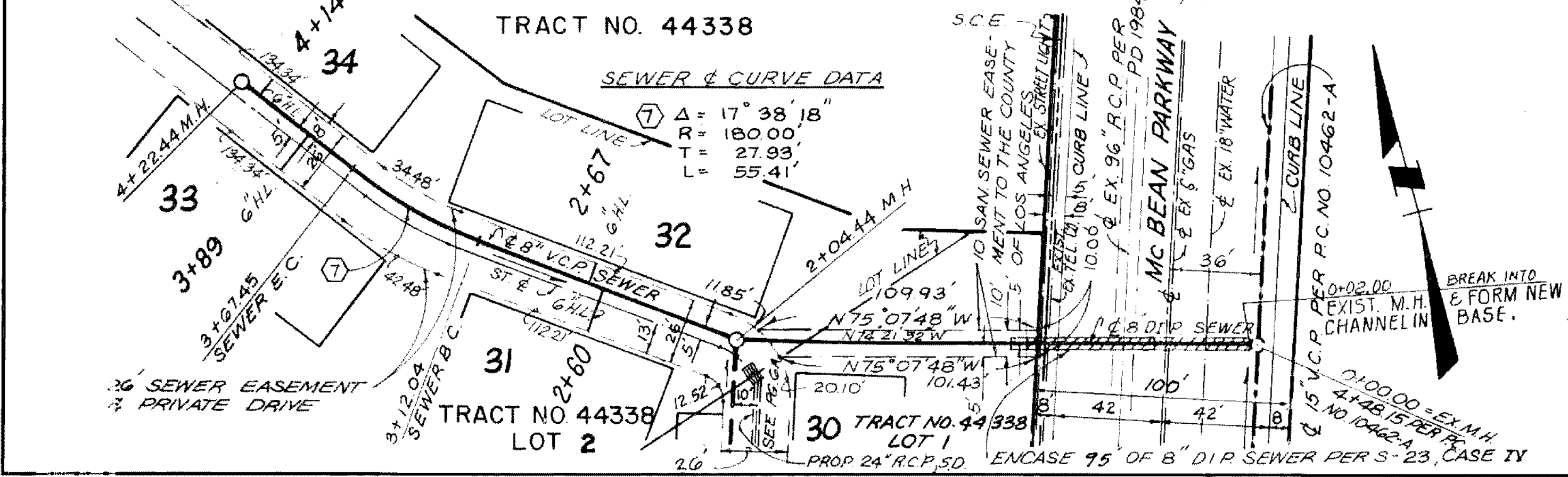
BC 1082

85434 9M TRACT



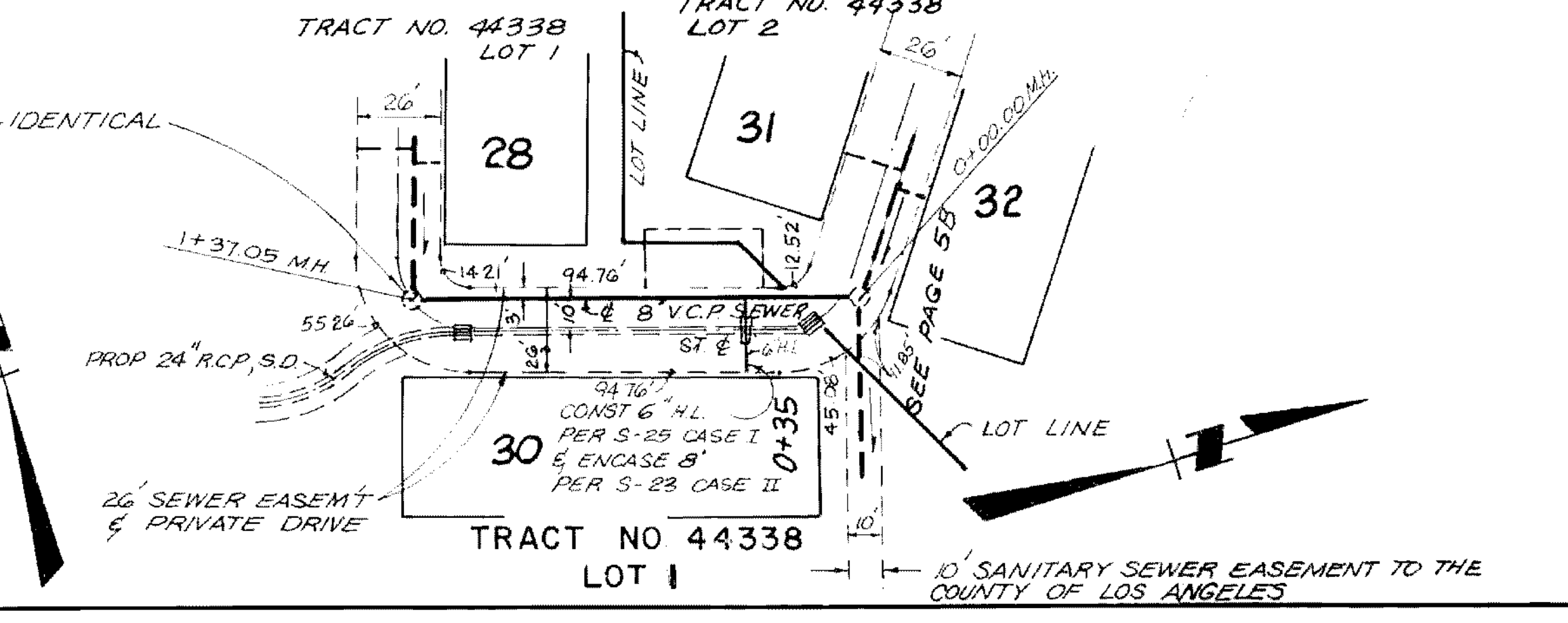
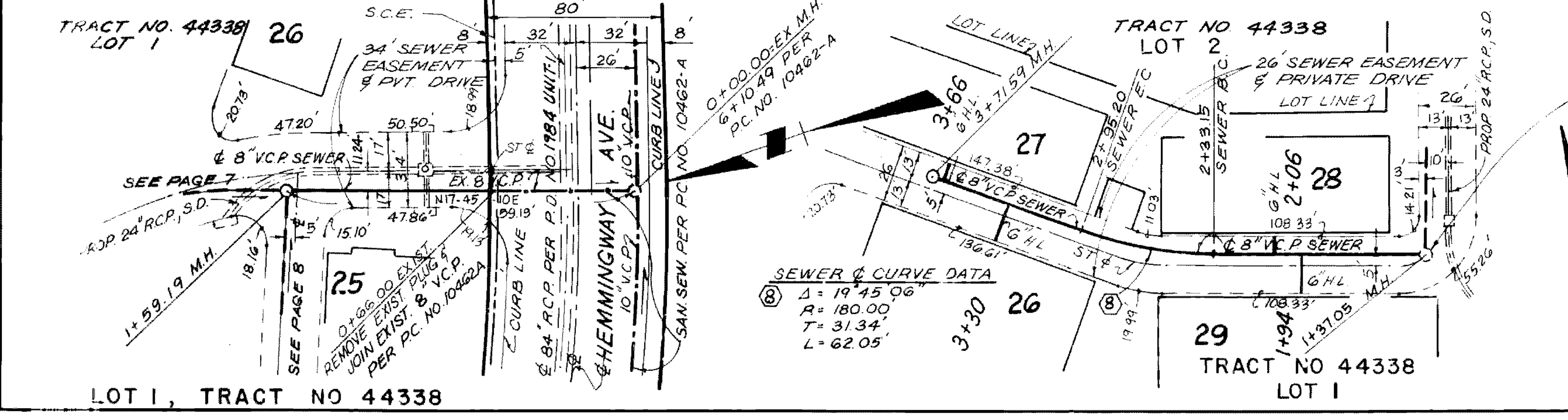
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SEE SAN DIST. FOR SPECIAL CONNECTION CHARGES

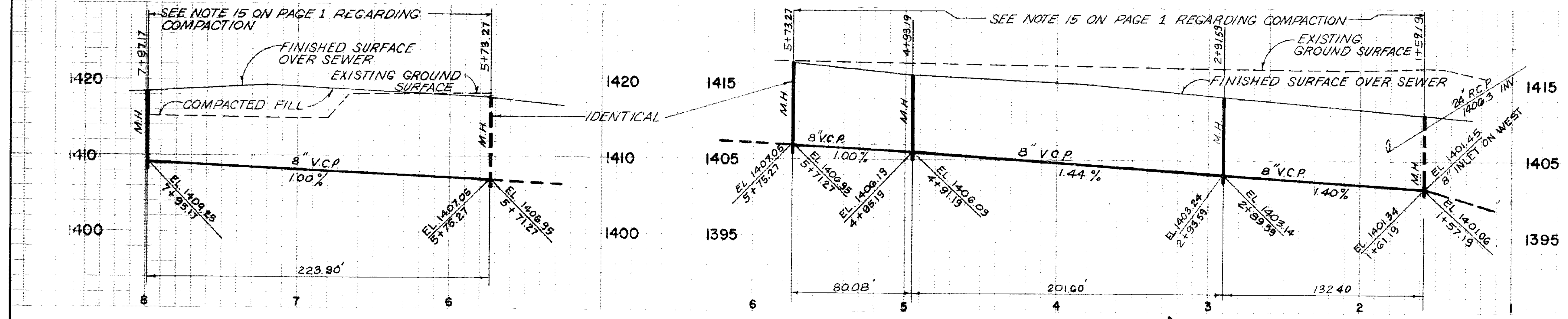
BACKWATER VALVE, SEE PG. 2



DOUBLE SCALE
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SEE SAN DIST. FOR SPECIAL CONNECTION CHARGES

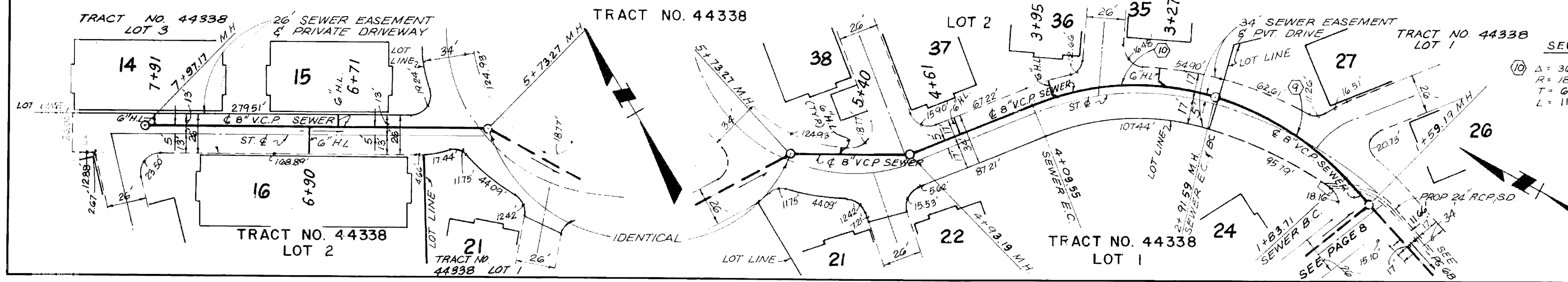
BACKWATER VALVE, SEE PG. 2





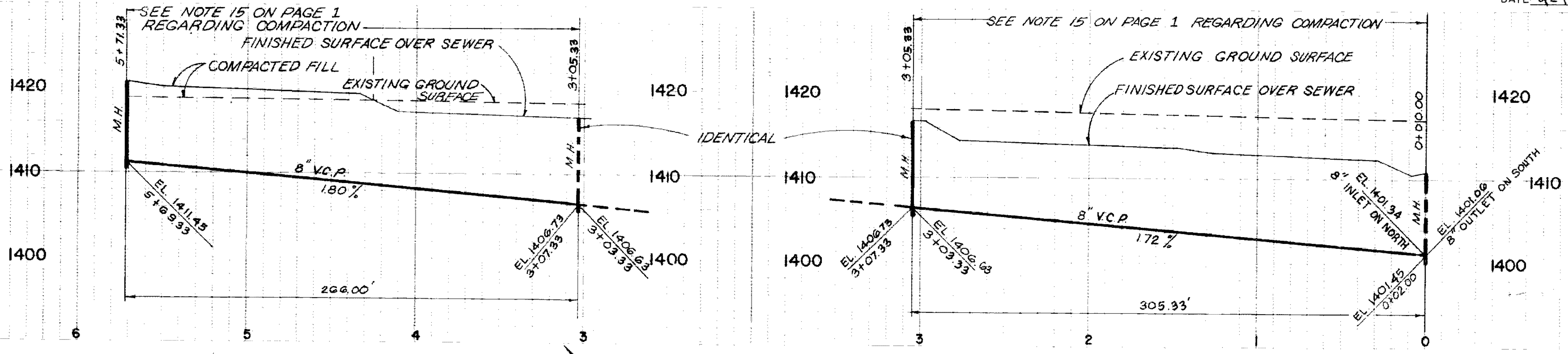
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 SEE SAN. DIST. FOR
 SPECIAL CONNECTION
 CHARGES

BACKWATER
 VALVE, SEE PG. 2



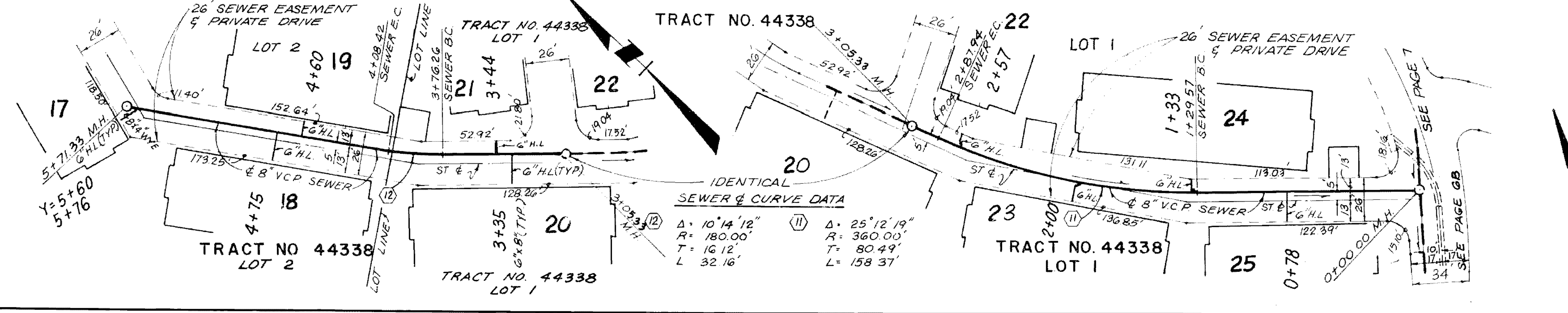
SEWER & CURVE DATA

⑩ Δ: 36°43'54"	⑨ Δ: 33°35'34"
R: 184.00'	R: 184.00'
T: 61.09'	T: 55.54'
L: 117.96'	L: 107.88'



DOUBLE SCALE
 NO L.A. CO. CHARGE
 FOR CONNECTIONS
 SEE SAN. DIST. FOR
 SPECIAL CONNECTION
 CHARGES

BACKWATER
 VALVE, SEE PG. 2



SEWER & CURVE DATA

⑫ Δ: 10°14'12"	⑪ Δ: 25°12'19"
R: 180.00'	R: 360.00'
T: 16.12'	T: 80.49'
L: 32.16'	L: 158.31'