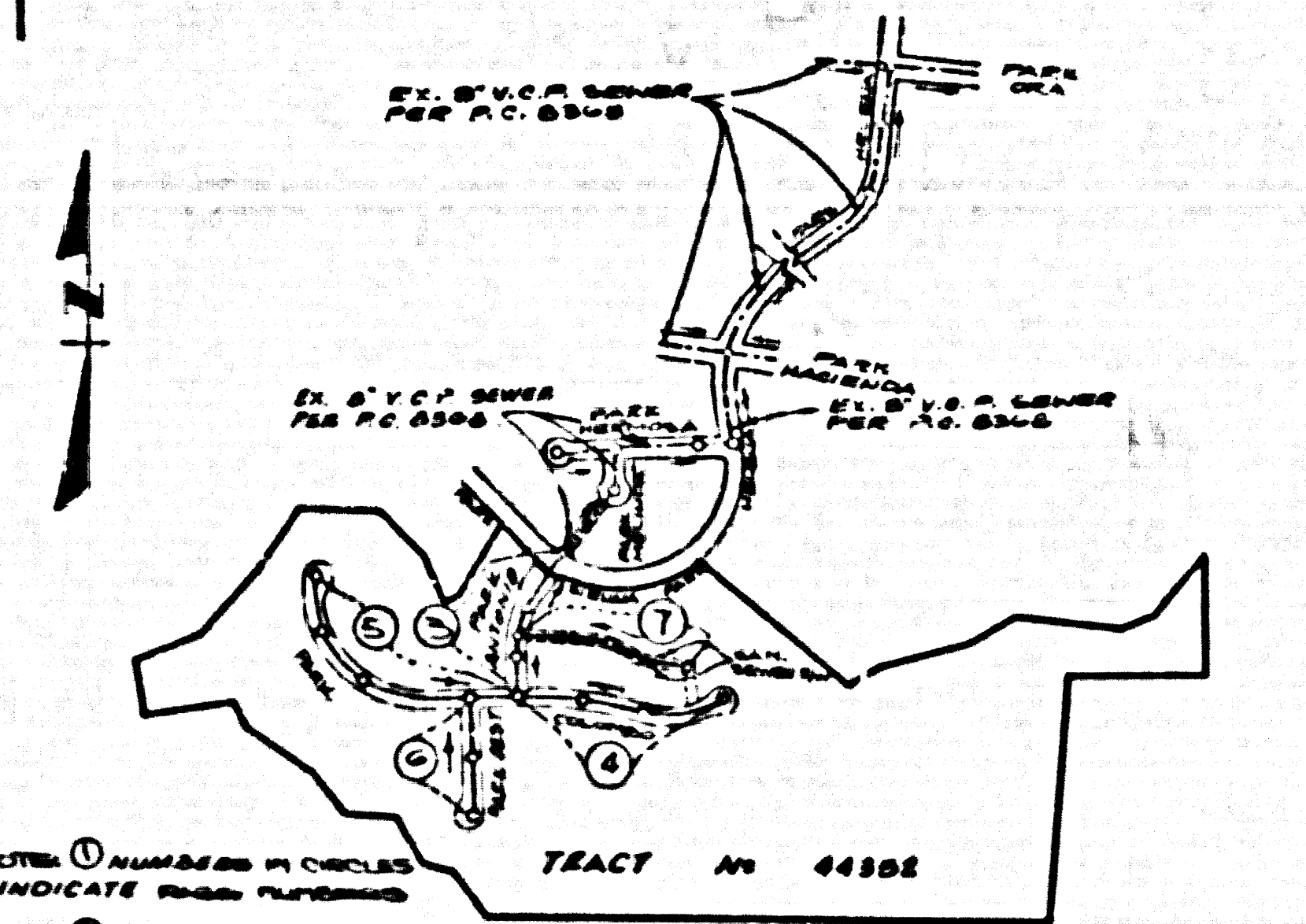


B.M. C.Y. 9034 ELEV. 977.372
 BERM TAG IN 25 FT. E. BCR 20 FT.
 N. 8 45 FT. E. INT. VALMAR RD.
 (OLD TOPANGA CYN. RD.) & BREN'ORD ST.
 MALIBU QUAD. 19 80.



REVISION NO. 1 10-20-80
 REVISION NO. 2 12-16-80
 REVISION NO. 3 7-10-80
 REVISION NO. 4 10-20-80
 INDEX MAP
 TRACT NO. 44352
 P.C. 10725
 SCALE: 1" = 600'

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS
 THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE. THERE ARE NO EXISTING UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE THE NECESSARY PRECAUTIONS TO PROTECT THE UTILITY LINES FROM ANY OTHER LATERAL LINES OF RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE APPROPRIATE SERVICE AGENCY AT 1-800-485-1100 TWO WORKING DAYS PRIOR TO ANY EXCAVATION OF CONSTRUCTION.

CONSTRUCTION NOTES CONT.
 16. FULL COMPLIANCE WITH PART IV OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.S.S. COMPOSITE PIPE.
 17. MANHOLE SYSTEM STOP GARDERS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.S.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
 18. A.S.S. SOLID WALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A.S.S. COMPOSITE MANHOLE BELLER PIPE.
 19. A.S.S. COMPOSITE PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE TABLE IN SECTION B.3.1 OF PART IV OF THE SPECIAL PROVISIONS.
 20. THREE DEGREE DEFLECTION COEFFICIENTS ARE REQUIRED FOR RADIUS OF CURVATURE LESS THAN 300 FEET IN EXCESS OF A.S.S. COMPOSITE PIPE.
 21. NO CONNECTIONS FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED FOR A.S.S. COMPOSITE PIPE IS USED.
 22. EXPOSED END CONNECTIONS SHALL NOT BE ACHIEVED BY PULLING OF GENTS OR BENDING PIPE ENDS WHEN USING PLASTIC PIPE INCLUDING A.S.S. COMPOSITE PIPE.
 23. ALL WYE AND HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.
 24. A.S.S. SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MANHOLE BELLER.
 25. ONLY 87% BRANCHERS ARE TO BE USED FOR CONNECTION TO A.S.S. COMPOSITE MANHOLE BELLER PIPE.

REVISION NO. 1 5-2-88
 PG 3 - REVISE LOT LINES TO LOTS 1, 3, 4, 9
 PG 4 - REVISE LOT LINES TO LOTS 1, 3, 4, 7, 11, 12, 13, 20, 21 & 22
 REVISE ALIGNMENT OF STORM DRAIN
 PG 5 - REVISE LOT LINES TO LOTS 32, 33, 40 & 41
 APPROVED BY *Sandy G. Ibeli* 5/2/88
 DEPT. OF PUBLIC WORKS

APPROVAL OF THIS PLAN BY THE LAND DEVELOPMENT DIVISION IS BASED ON A REVIEW BY A REGISTERED ENGINEERING CONSULTANT UNDER CONTRACT WITH THE COUNTY OF LOS ANGELES.

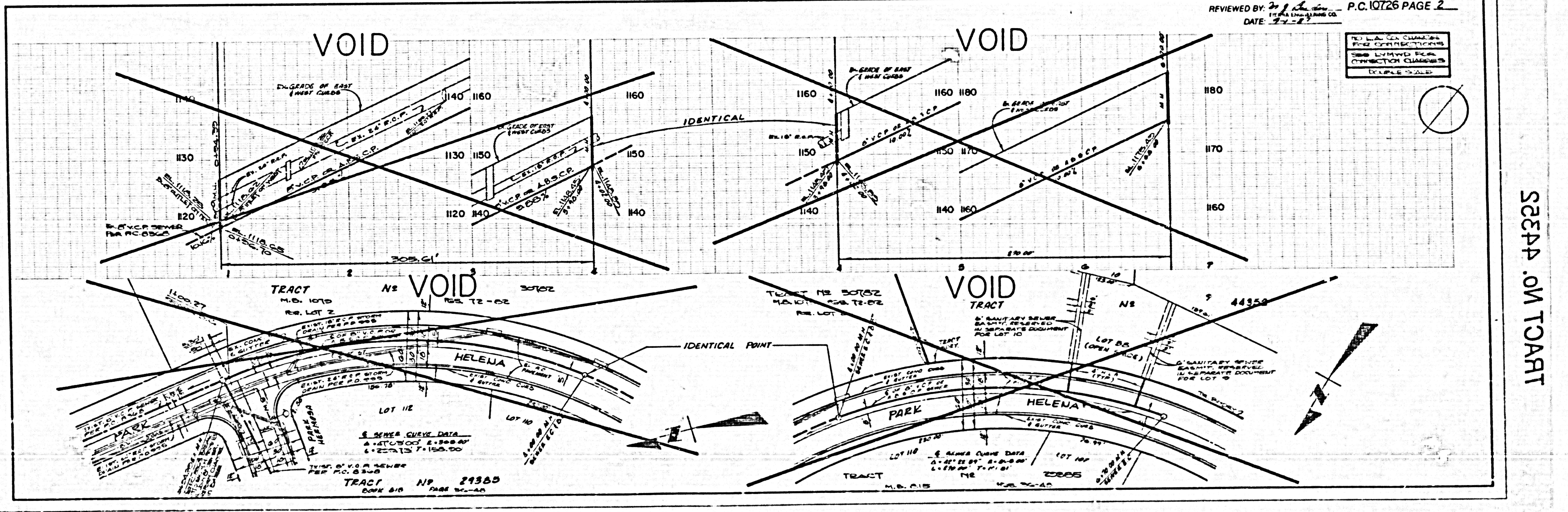
GENERAL NOTES:
 1. ELEVATIONS ARE IN FEET ABOVE M.S.C. & S.S. SEA LEVEL DATUM OF 1929.
 2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE CONTRACTOR'S PUBLIC WORKS.
 3. ALL REPRESENTATIVE OF THE DEPT. OF PUBLIC WORKS SHALL BE PRESENT AT ALL POINTS OF THE WORK.
 4. BRANCHES TO WHICH THIS APPROVAL WENT AS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND WHERE THEY CROSS EXISTING PUBLIC WORKS THE BRANCH SHALL BE ESTABLISHED SO AS TO COMPLY WITH A STRAIGHT LINE. BRANCHES TO BE MADE SHALL BE SHOWN AT POINTS.
 5. THE PRIVATE ENGINEER SHALL FURNISH THE DEPT. OF PUBLIC WORKS WITH THE GRADE SHEET AND THE HOUSE LATERAL AND HOUSE LATERAL SHALL BE CONSTRUCTED IN A STRAIGHT LINE FROM THE MANHOLE TO THE HOUSE EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° IN THE HOUSE LATERAL. ANY CHANGE IN ALIGNMENT SHALL BE INDICATED 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 HOUSE LATERAL.
 7. BEFORE WORK CAN BE BEGUN THE CONTRACTOR SHALL OBTAIN A PERMIT TO EXCAVATE IN COUNTY AS SET FORTH IN THE CONSTRUCTION OF THE A. C. DEPT. OF PUBLIC WORKS PERMIT OFFICE NO. 8 PER A PER TO THE DEPARTMENT OF PUBLIC WORKS, 800 ALACALAN ST. L.A. CA 90002 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. THIS PERMIT IS TO BE OBTAINED PRIOR TO THE START OF WORK.
 9. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR OF THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THE PROJECT. THIS NOTE APPLIES TO ALL PHASES.
 10. REFER TO SECTION 108.4.1 OF THE STANDARD SPECIFICATIONS, INCLUDING SAFETY ORDER.
 11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPT. OF PUBLIC WORKS CONFORM TO A PERMIT TO EXCAVATE IN COUNTY STATE FROM THE COUNTY ENGINEER'S OFFICE IN THE DEPT. OF PUBLIC WORKS PERMIT OFFICE, 800 ALACALAN ST. L.A. CA 90002. THE DEPARTMENT OF PUBLIC WORKS IS IN ACCORDANCE WITH THE ANAHEIM, CALIF. C.C. 80022 NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED BY THE DEPT. OF PUBLIC WORKS.
 CONSTRUCTION NOTES:
 1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1988 EDITION WITH ALL SUPPLEMENTS AND CHANGES TO PUBLIC WORKS SPECIAL PROVISIONS FOR THE COUNTY OF LOS ANGELES DATED SEPTEMBER 1978 AND SHALL BE PROVIDED ONLY IN THE PRESENCE OF THE DEPT. OF PUBLIC WORKS.
 2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION PUBLIC WORKS DEPT. TEL. (818) 226-8881 AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS 18 INCHES BELOW CURB GRADE EXCEPT AS NOTED.
 4. WYE OR THE BRANCHED MAY BE USED FOR CONNECTION TO MANHOLE EXCEPT AS NOTED.
 5. WYE BRANCHED LINE MAY BE USED FOR CONNECTION TO MANHOLE EXCEPT AS NOTED.
 6. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-36 OR PRECAST CONCRETE MANHOLES PER 5-36 EXCEPT AS NOTED.
 7. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 8. MANHOLE TOPS IN UNIMPROVED AREAS OF WAY TO BE 22 INCHES ABOVE FINISHED GRADE.
 9. IN IMPROVED AREAS JOINTS SHALL BE 18" OR 24" PER STANDARD SPECIFICATIONS SECTION 208.4.
 10. IF A MANHOLE IS WITHIN THREE FEET OF THE SEWER, THE BRICK SHALL BE ENCASED PER 5-36 CASE 6 TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
 11. IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A BRICK LANE OR HOUSE LATERAL SEWER WHICH IS NOT INDICATED ON THESE PLANS THE PIPE SHALL BE ENCASED PER 5-36 CASE 6 UNLESS OTHERWISE APPROVED BY THE DEPARTMENT OF PUBLIC WORKS.
 12. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER GASKET JOINT. PIPE 12" OR 18" DIAMETER SHALL BE MADE WITH A RUBBER GASKET JOINT. PIPE 24" DIAMETER SHALL BE MADE WITH A RUBBER GASKET JOINT.
 13. ALL JOINTS BETWEEN CAST IRON PIPE & A.S.S.C.P. SHALL BE MADE WITH APPROVED FITTINGS.
 14. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 208-1.1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 15. PERFORMANCE ALL TRENCHES WITHIN RURED AREAS TO MEET L.A. COUNTY PUBLIC WORKS DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 16. FULL COMPLIANCE WITH SECTION 208-1.2.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. COMPACTIFICATION OF BACKFILL, CONNECTION AND BAND REQUIREMENTS BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF FINISH ACCEPTANCE.
 17. SPECIAL BRICKS IN EXISTING CONSTRUCTION (IN MANHOLE) FINISH AND REPLACE OTHER BRICKS SO AS TO ACHIEVE THE ORIGINAL OR FINISHED GRADES AND SLOPES SHOWN ON THE SHADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION. ALL ALL BRICKS AND SLOPES SHALL BE CONSTRUCTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.S. 118 METHOD OF TEST 208-1.8. IF AN ACCEPTABLE CERTIFICATION OF SUCH CONSTRUCTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIV. PUBLIC WORKS DEPT.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS
 TO BE CONSTRUCTED
TRACT NO. 44352
PRIVATE CONTRACT NO. 10726
 INDEX: C-233
 4 SHEETS, 7 PAGES
 SCALE: 1" = 5' HORIZONTAL, 1" = 5' VERTICAL
 MAY 1987
 PREPARED IN THE OFFICES OF
LIND & HILLERUD, INC.
 1011 WASHINGTON DRIVE
 MALIBU, CALIF. 90263
 BY: *J. H. SANCHEZ* REG. C.E. 16133

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:

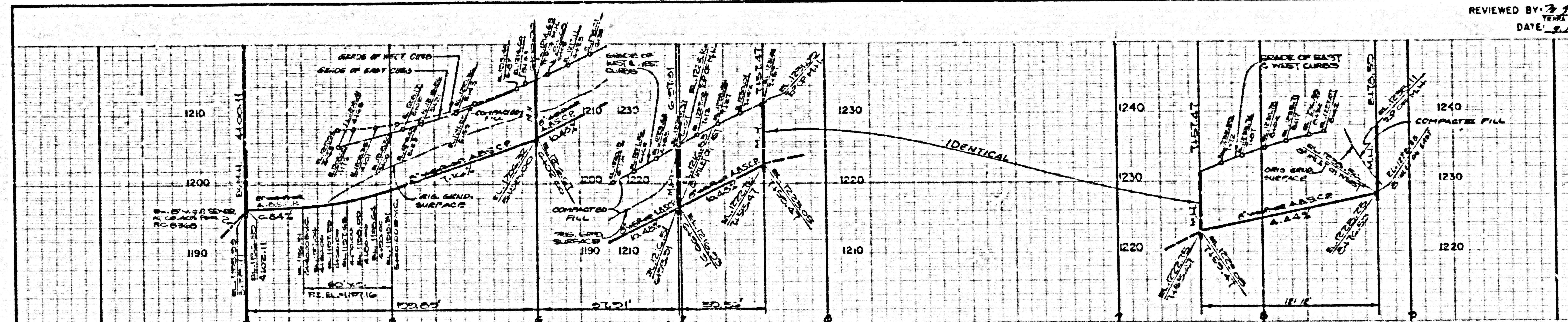
LEADS	5-1
MANHOLE PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLE	5-3
STANDARD MANHOLE STEP	5-4
SECTIONS FOR SEWER PIPE	5-5
CHANGES AND ENCLOSURES	5-6
WYE OR TEE SUPPORT	5-7
ALLOWABLE TRENCH WIDTHS	5-8
LOADING MANHOLE FRAMES AND COVER	5-9
REINFORCED PRECAST CONCRETE MANHOLE	5-10
BRICKS INTO EXISTING BRICK OR PRECAST CONCRETE MANHOLE	5-11

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON, DIRECTOR
 DEPARTMENT OF PUBLIC WORKS
 APPROVED: *Cal. Cal. 4/2/87* DATE: 4/2/87
 LAS VIRGENES MUNICIPAL WATER DISTRICT
 APPROVED: *W. Stokes* DATE: 4/19/87
 REVIEWED BY: *M. J. ...* DATE: 4-1-87
 CALABASAS, CALIF. DIST. 91

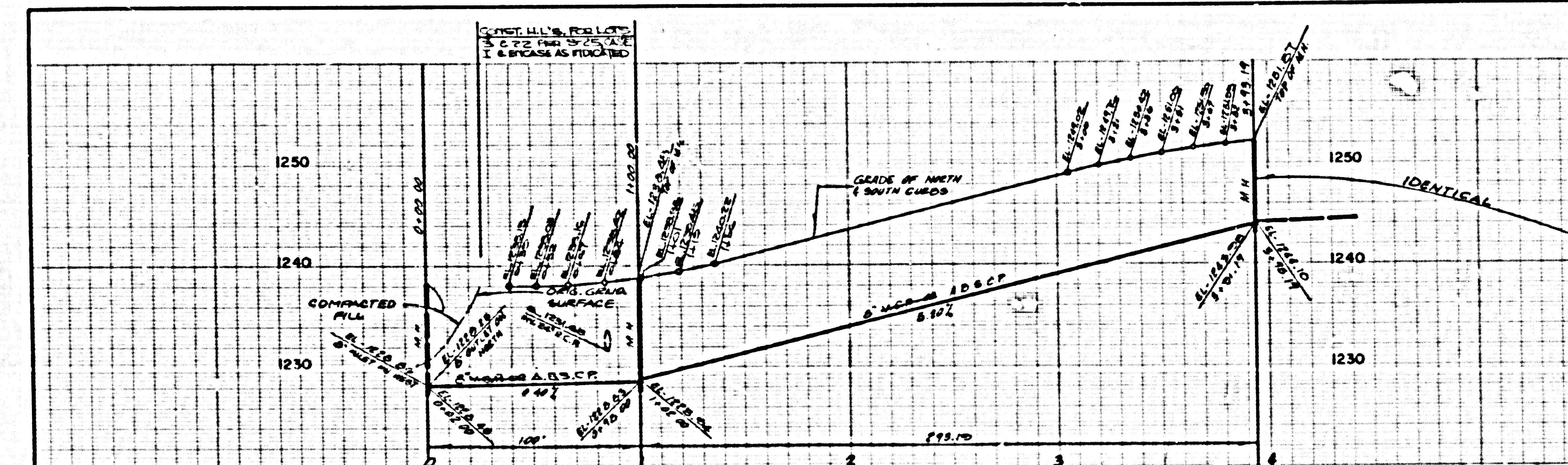
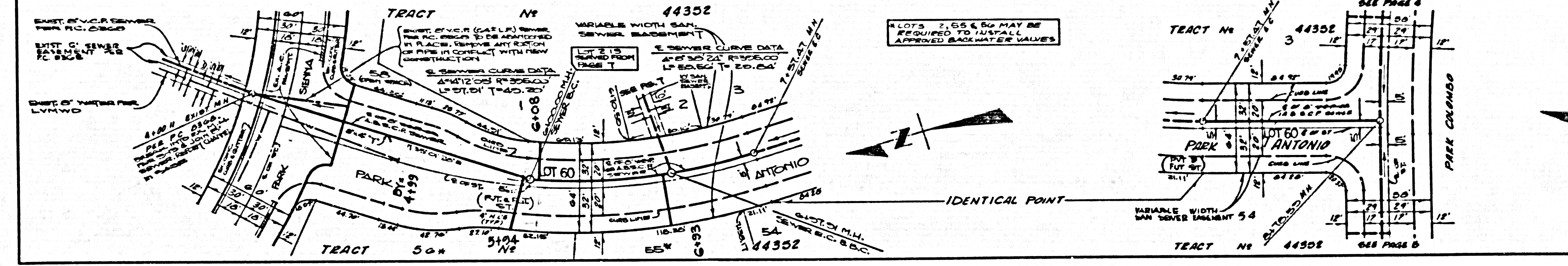


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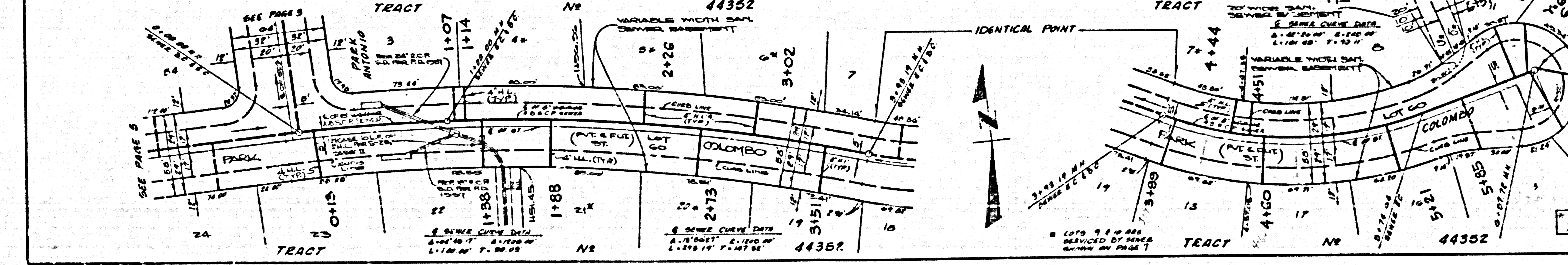
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REVIEWED BY: *[Signature]* PC 10726 PAGE 3
 DATE: 8-1-87



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 DATE: 8-1-87

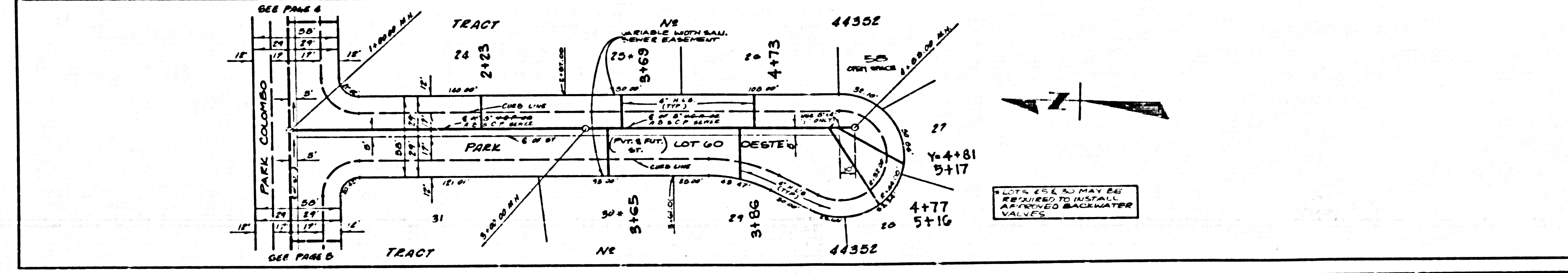
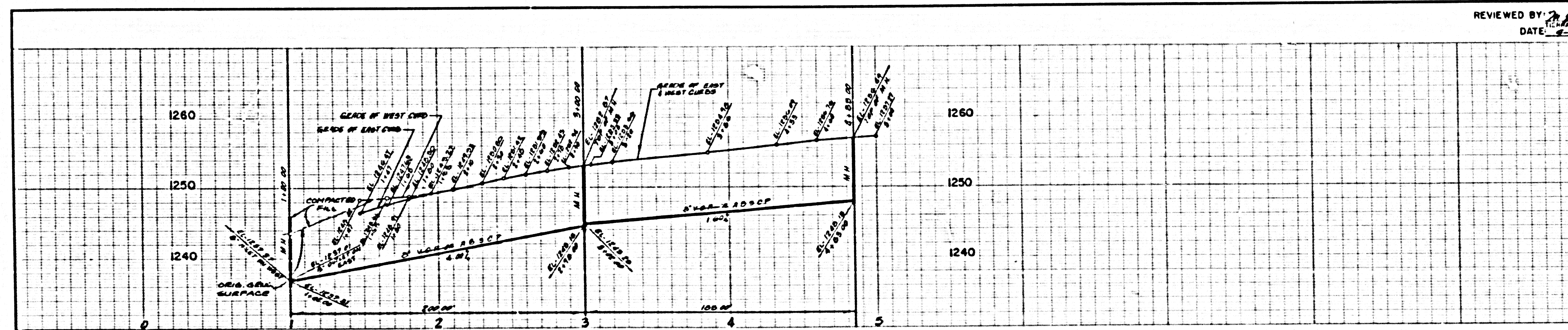
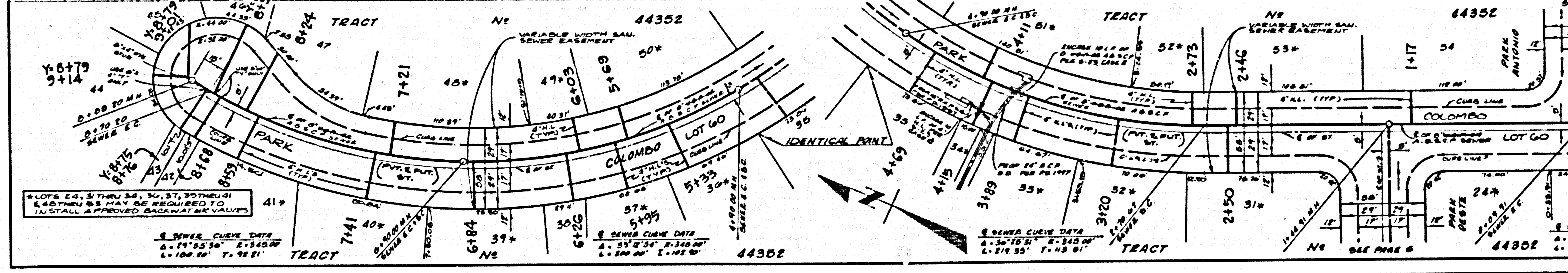
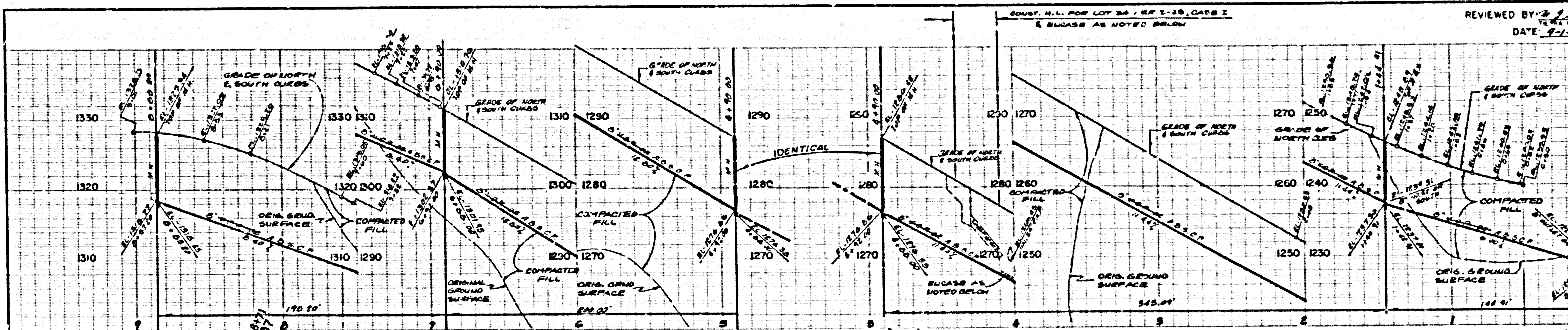


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SEAP IN TRACT



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