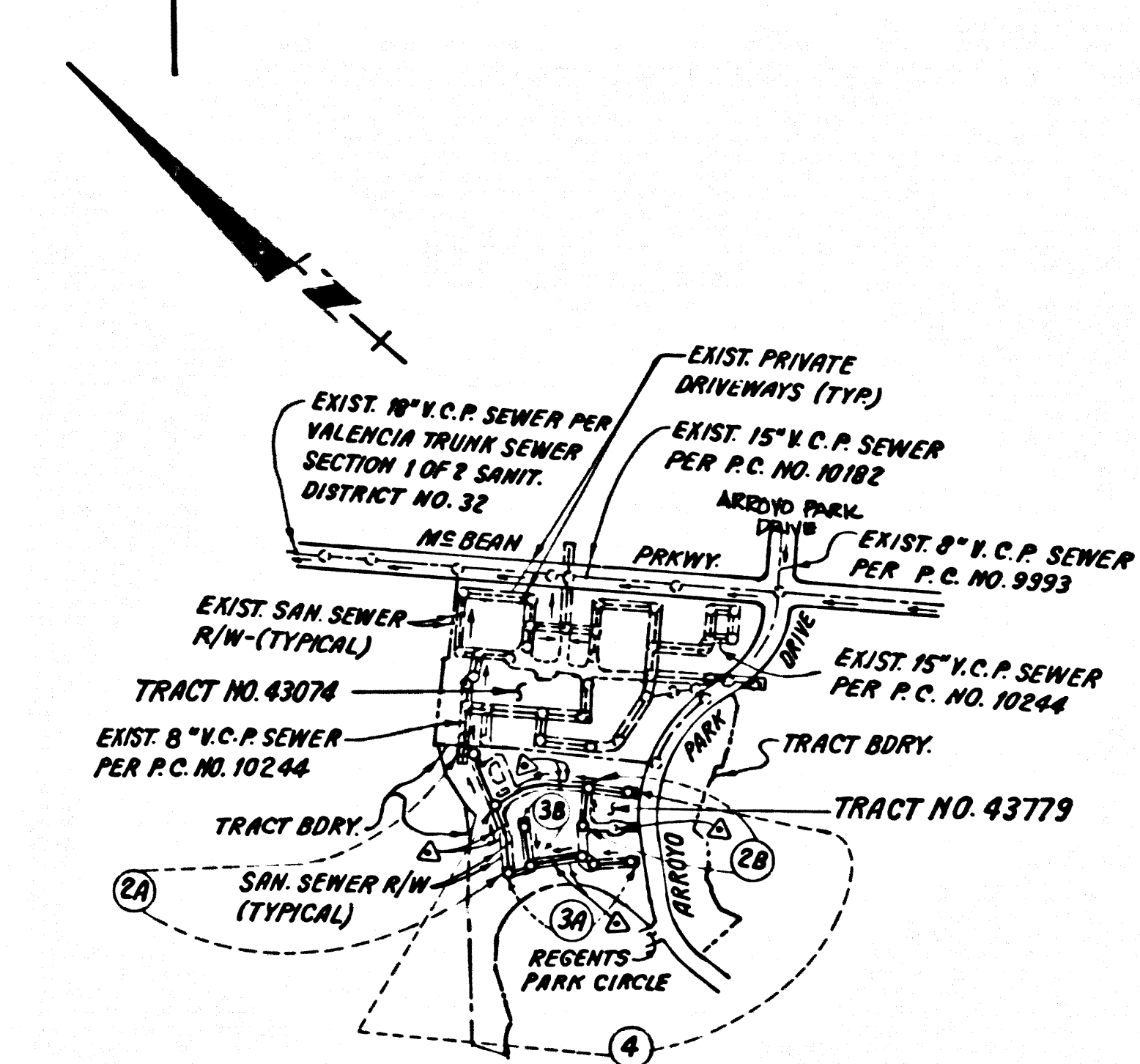


B.M. 4236 ELEV. 1211.232
 R.D.B.M. THS. N.C.B. AVENIDA NARRAKE
 TYP. 30' X 10' INT. MS. BEAN PARKWAY
 @ N.E. CORNER
 HEWALL QUAD. 19.72



NOTE: NUMBERS IN CIRCLES
 INDICATE PAGE NUMBERS

INDEX MAP
 SCALE: 1"=600'
 P.C. NO. 10694
 TRACT NO. 43779

GENERAL NOTES:

- 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.
- CRANGES TO WHICH THIS IMPROVEMENT IS SHOWN ON PLANS AND PROFILES GRADE POINTS FOR TOP OF CURBS, CENTERLINE OF STREETS OR CENTERLINE OF ALLYWAYS SHOWN BY CIRCLES ON PROFILES AT ALL POINTS BETWEEN DESIGNATED POINTS. THE SAME SHALL BE ESTABLISHED 80 TO 100 FEET TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
- THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "D" 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 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.
- 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 COUNTY DIV. OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE NO. 1001, AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 2250 ALDRE AL SE., LOS ANGELES, CALIFORNIA 90015 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, 120 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 7.04.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
- UPON 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 EXCAVATE COUNTY STREETS FROM THE COUNTY DIV. OF 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, 2250 ALDRE AL SE., LOS ANGELES, CALIFORNIA 90015, ROOM 800B, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1985 EDITION WITH THE FOLLOWING SUPPLEMENTS AND DEPT. OF PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 1/28/87.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 220-2811 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 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-28 OR PRECAST CONCRETE MANHOLES PER S-26 EXCEPT AS NOTED.
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- WYTHRED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "D" WITH STANDARD SPECIFICATIONS SECTION 200-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-23. CASE II 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-23. CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL JOINTS BETWEEN CAST IRON PIPE AND WYTHRED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D" WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 200-2.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 14.01 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OF CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 200-1.3.6 OF THE S.D. SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED REGISTERED TENDER LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- SPECIAL BACKFILL IN REAR YARD CONSTRUCTION (IN BACKYARD TRENCH AND REPLACE OTHER EARTH) SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE LEASER DEF. BY ORDER DIVISION. IN ALL BACKFILL AND EARTH REPLACEMENT SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STD. METHOD. TEST DATA IS TO BE SUBMITTED TO THE DIVISION OF PUBLIC WORKS, 2250 ALDRE AL SE., LOS ANGELES, CALIFORNIA 90015, DIVISION, DEPT. 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 (818) 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

SCALE: VERT. 1"=4'
 HORIZ. 1"=40'

APRIL 1987

PREPARED IN THE OFFICES OF: **SIKAND ENGINEERING ASSOC.**
 15230 BURBANK BLVD.
 VAN NUYS, CALIF. 91411
 (213) 781-8550, (818) 873-5853

BY: *Donald R. Hill*
 REG. C.E. NO. 16913

REG. C.E. NO. 16913

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	SECTION
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-1
BRICK MANHOLE	S-2
STANDARD MANHOLE STEP	S-17
BEDDING FOR SEWER PIPE	S-21
CHADUNG AND ENGAGEMENT	S-23
WYE OR TEE SUPPORT	S-28
ALLOWABLE TRENCH WIDTHS	S-33
LOCKING MANHOLE FRAME AND COVER	S-38
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-39
RECTANGULAR MANHOLE FRAME AND COVER	S-41
PRECAST CONCRETE "SHALLOW" MANHOLE	S-42
EROSION PROTECTION IN STREET	S-51

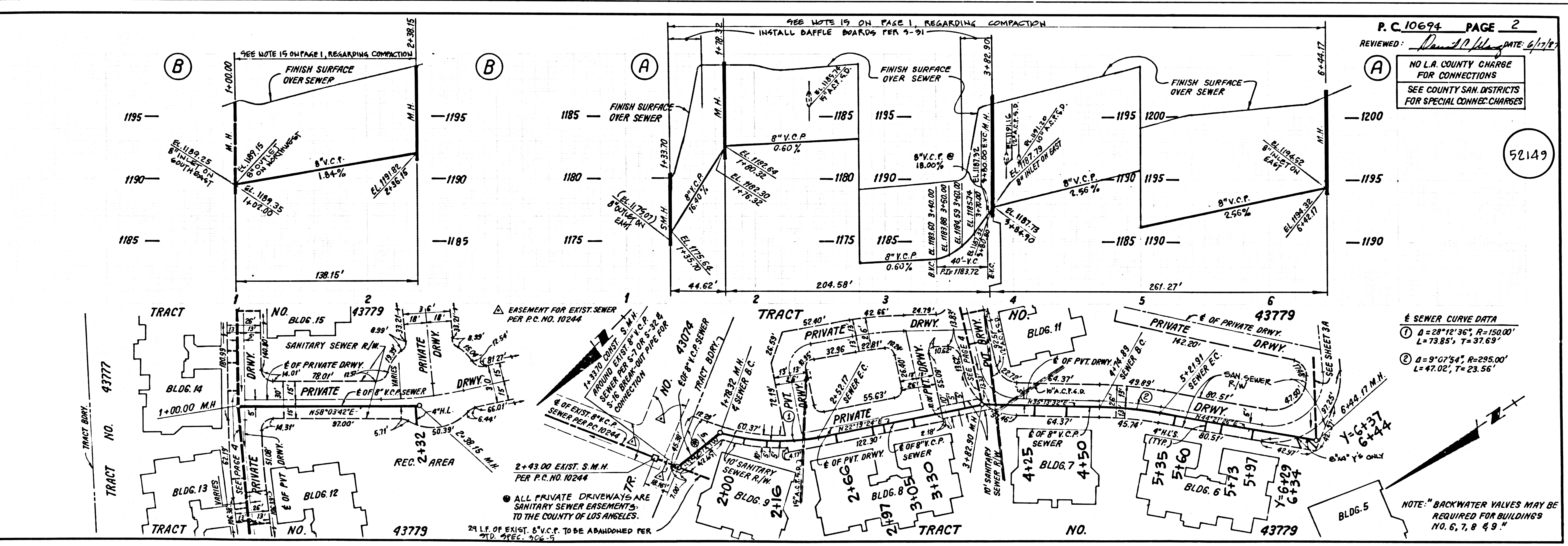
COUNTY OF LOS ANGELES, CALIFORNIA

THOMAS A. TIDEMANSON
 DIRECTOR OF PUBLIC WORKS

CHARLES W. CARRY
 CHIEF ENGINEER
 CO. SANIT. DIST. NO. 22

APPROVED: *Donald R. Hill* 4/22/87 (DATE)
 1543
 CHECKED: *S. Spry* 4/17/87 (DATE)
 REG. C.E. NO. 16847

SANTA CLARITA MILLEY, BLDG. DIST. 8.2



REVIEWED: *Donald R. Hill* DATE: 4/17/87

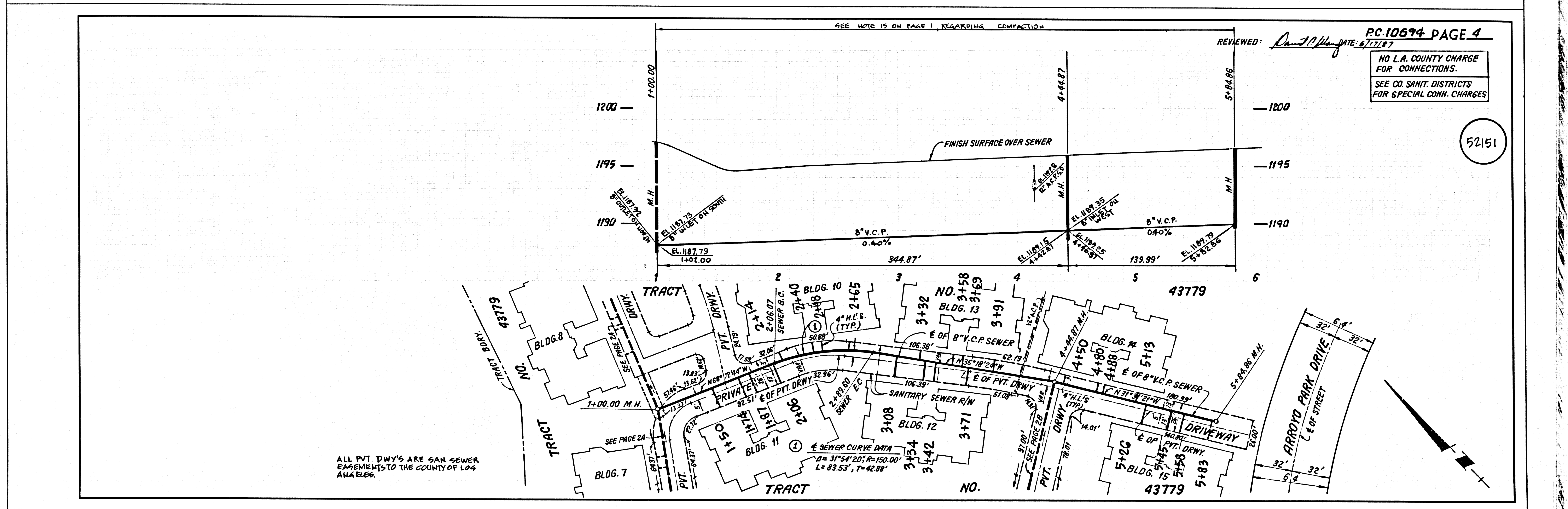
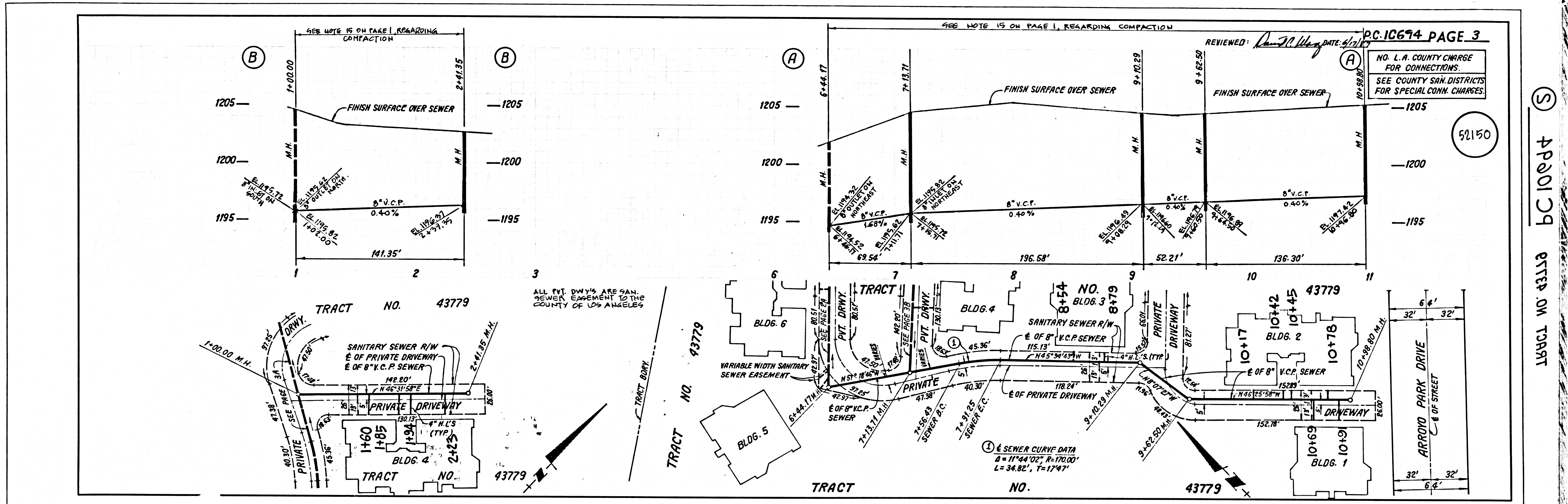
(A) NO L.A. COUNTY CHARGE FOR CONNECTIONS
 SEE COUNTY SAN. DISTRICTS FOR SPECIAL CONNEX. CHARGES

SEWER CURVE DATA

①	a=28°12'36", R=150.00'
	L=73.85', T=37.69'
②	a=9°07'54", R=295.00'
	L=47.02', T=23.56'

NOTE: " REQUIRED FOR BUILDINGS NO. 6, 7, 8 & 9 "

1 P. 10129 STEP ON TRACT



(S) AP0129 OTHER ON TRACT