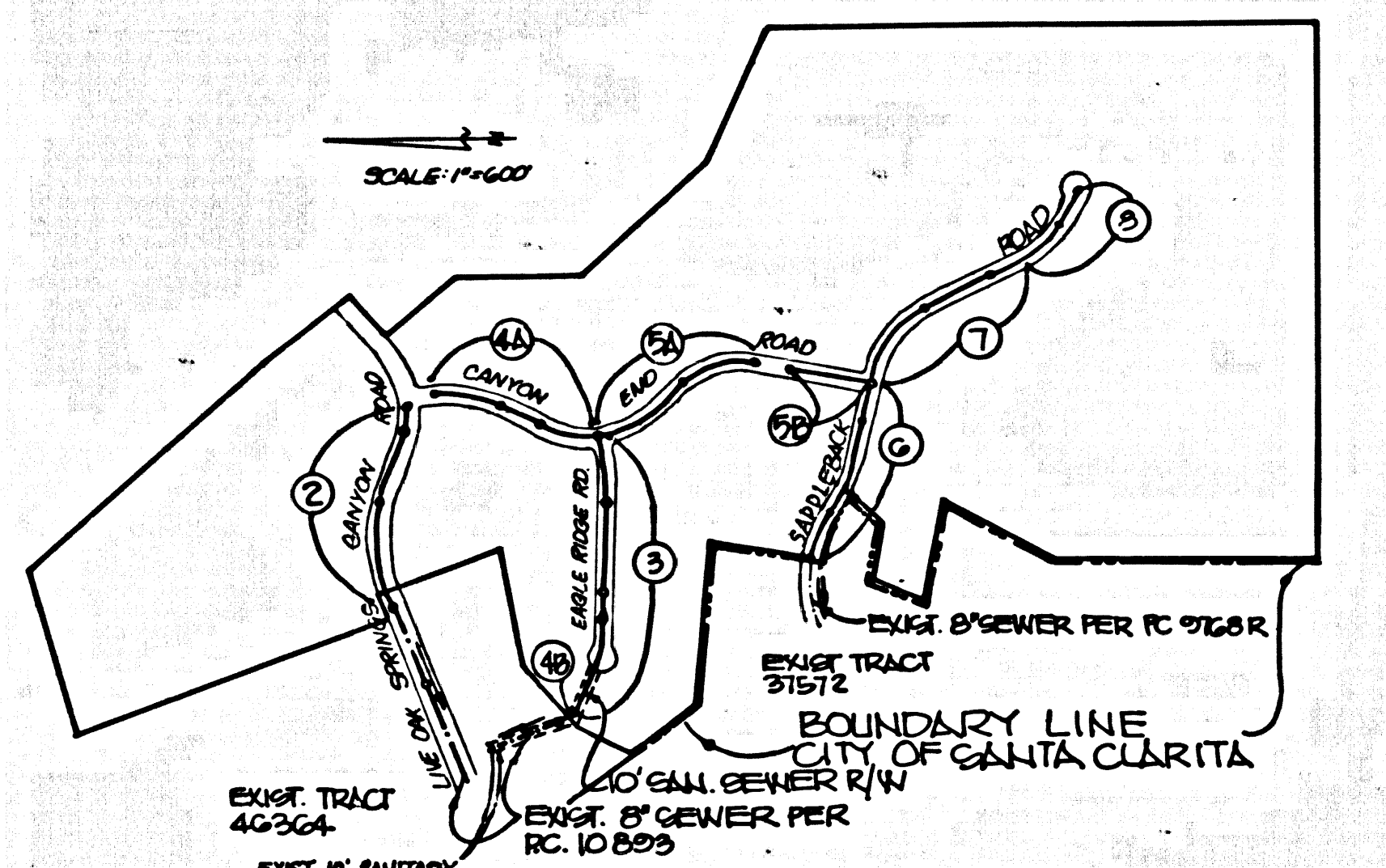


B.M. CL 3319 ELEV. 1585.511
 LACS B.M. NO. 4. 21 FT. E. C/L SAND CAYED
 8.01 MI. NO. 4. LIVE OAK SPRINGS C/L RD.
 3 FT. N. PD # 20-110 MKD (BM 203-3A 1971)
 2 MI. UP ST. UP 2 FT. N.
 NEWELL QUAD. 19.33



INDEX MAP - 1461
 P.C. 10928
 T.R. NO. 46365
 T.G. 4552-E5

NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS

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) 982-8600 SO THAT REQUIRED INSPECTION CAN BE MADE.

- CONSTRUCTION NOTES ... CONTINUED:**
- FULL COMPLIANCE WITH PART IX OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF ABS COMPOSITE PIPE.
 - MANHOLE WATER STOPPERS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF ABS COMPOSITE PIPE TO MANHOLE STRUCTURES.
 - ABS SOLID WALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO ABS COMPOSITE MAINLINE SEWER PIPE.
 - ABS COMPOSITE PIPE SHALL BE RECESSED IN CONFORMANCE WITH THE TABLE IN SECTION B.3.1 PART IX OF THE SPECIAL PROVISIONS.
 - THREE DEGREE DEFLECTION COUPLERS ARE REQUIRED FOR RADII OF CURVATURE LESS THAN 300 FEET UNLESS NOTED OTHERWISE.
 - NO CONNECTIONS FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF ABS COMPOSITE PIPE IS USED.
 - SEWER LINE CURVATURE SHALL NOT BE ACHIEVED BY PULLING OF PIPE OR BEVELING PIPE ENDS WHEN USING PLASTIC PIPE INCLUDING ABS COMPOSITE PIPE.
 - ALL WYES AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.
 - ABS SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MAINLINE SEWER.
 - ONLY WYE BRANCHES ARE TO BE USED FOR CONNECTION TO ABS COMPOSITE MAINLINE SEWER PIPE.

<p>REVISION N° 1 DATE 8/7/96</p> <p>RAISED SEWER MAINLINE TO JOIN EXISTING MH @ 3+50.00 PAGE 4 MAINLINE RAISED FROM STA 3+50.00 TO STA 8+72.94 PAGE 5. MANHOLE RELOCATED FROM 14+84.00 TO 7+86.00. RELOCATED MANHOLES LOTS 14, 15, B, 24.</p> <p>APPROVED <i>Sally G. Balk</i> RE: 33154 DEPT. OF PUBLIC WORKS DATE 8-13-96</p>	<p>REVISION NO. 2</p> <p>ELIMINATE FORCE MAIN MANHOLE FROM STA. 3+4+02.35 TO STA. 31+50.00 ON PAGE 2. RELOCATE LATERAL LOT 7 APPROVED <i>Sally G. Balk</i> RE: 33154 DEPT. OF PUBLIC WORKS DATE 8-13-96</p>
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REVISION N° 3

REVISE PLAN AND PROFILE ON PAGE 7 AND 8 FROM STATION 30+85.90 TO TERMINUS OF SANDLEBERG ROAD TO MATCH REVISED LOT LINES RECORDED MARCH 4, 1991, INST. # 99-0356716. REVISE INDEX MAP, PAGE 1

APPROVED *Sally G. Balk* RE: 33154
 DEPT. OF PUBLIC WORKS
 DATE 7/21/99

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.

- GENERAL NOTES:**
- SHOW THE WORK TO BE DONE ON EACH SHEET AND THE AREA LEVEL DATUM OF EACH.
 - NO PERSONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
 - NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS SHALL 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, CENTER LINE OF STREETS OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM 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 "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 A STRAIGHT ALIGNMENT AT RIGHT ANGLES TO 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 AND 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 CONSTRUCTION DIVISION OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS. PERMIT FEE NO. 1 AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 800 S. FREEMONT AVE., ALHAMBRA, CALIFORNIA 91801 - 8TH FLOOR, 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 PIPEL OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THE WIRE APPLICABLE TO ALL PAGES.
 - REFER TO SECTION 7.16.4 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY DEVICES.
 - PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT # 7, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS A PERMIT FOR ERECTION AND TRENCHES FROM THE STATE OF CALIFORNIA, A DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 800 S. FREEMONT AVE., ALHAMBRA, CALIFORNIA 91801 - 8TH FLOOR, 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 (8TH EDITION) SEPTEMBER 21, 1978 AND SHALL BE PROTECTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS.
 - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, 818-699-2101, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - WYE OR T BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
 - ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER 8-9 OR PRECAST CONCRETE SEWER MANHOLES PER 8-9E 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.
 - WTRIFIED CLAY PIPE JOINTS SHALL BE TYPE "C" OR "D" PER STANDARD SPECIFICATIONS SECTION 208-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 8-22. 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 MAINLINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 8-22. CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND WTRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 208-2.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 208-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 - RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS AND CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 - FULL COMPLIANCE WITH SECTION 208-1.3.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS CERTIFIED FOR BACKFILL COMPOSITION AND SAND EQUIVALENTS BY QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
 - SPECIAL BACKFILL IN BASEMENT CONSTRUCTION (A) BACKFILL TRENCHES AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND (B) SPECIAL BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. METHOD OF TEST D958 AT 15% MOISTURE. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPARTMENT.

DOUBLE SCALE PROFILE, ALIGNMENT AND GRADE OF PAGE 1

SANITARY SEWERS
 TO BE CONSTRUCTED IN
TRACT NO. 46365
PRIVATE CONTRACT NO. 10928
 INDEX 1461
 4 SHEETS, 8 PAGES

56020 SCALE: VERT. 1" = 8' HORIZ. 1" = 40' NOV. 7, 1988

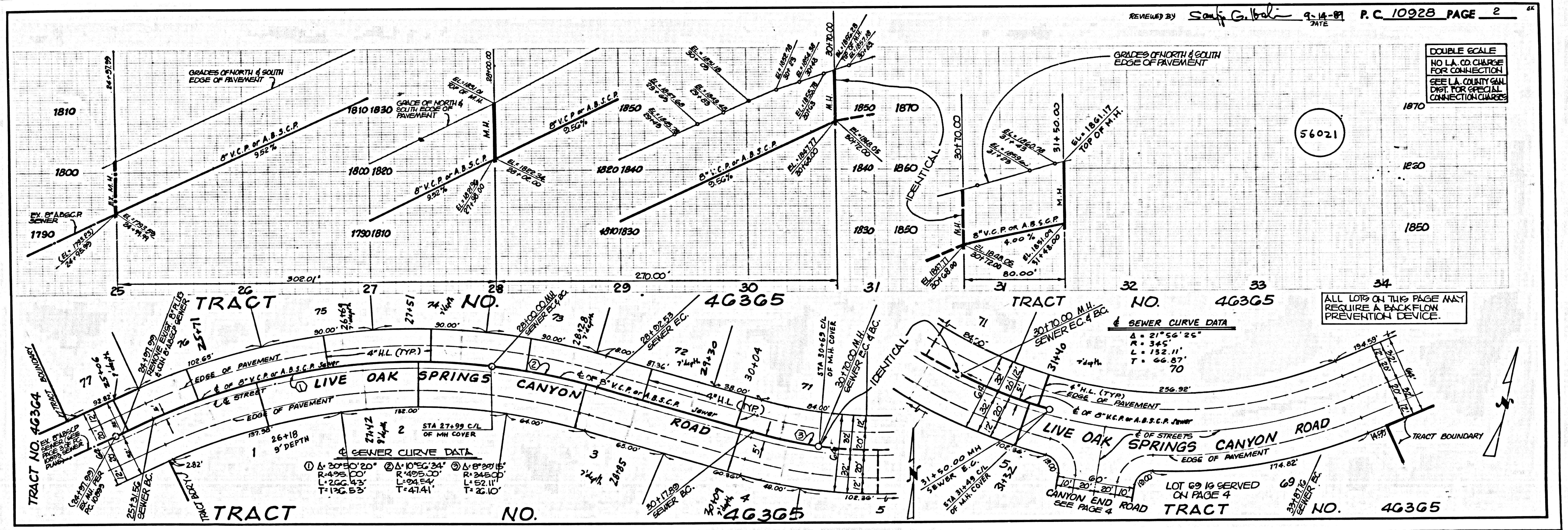
PREPARED IN THE OFFICES OF
 CROSBY, HEALD, BENTON & ASSOCIATES
 2535 BALBOA BLVD. ENCINO, CA. 91436
 (818) 306-2828
 BY: *Don Johnson* REG. C.E. NO. 37830
 CIVIL ENGINEER
 STATE OF CALIFORNIA

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:

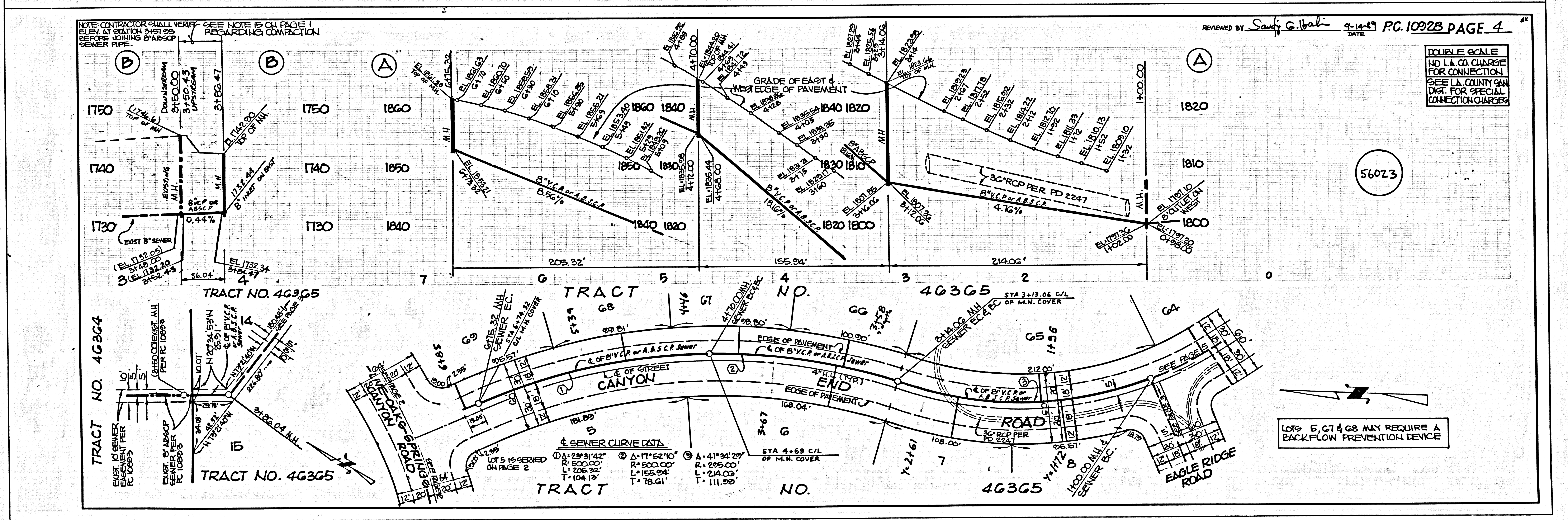
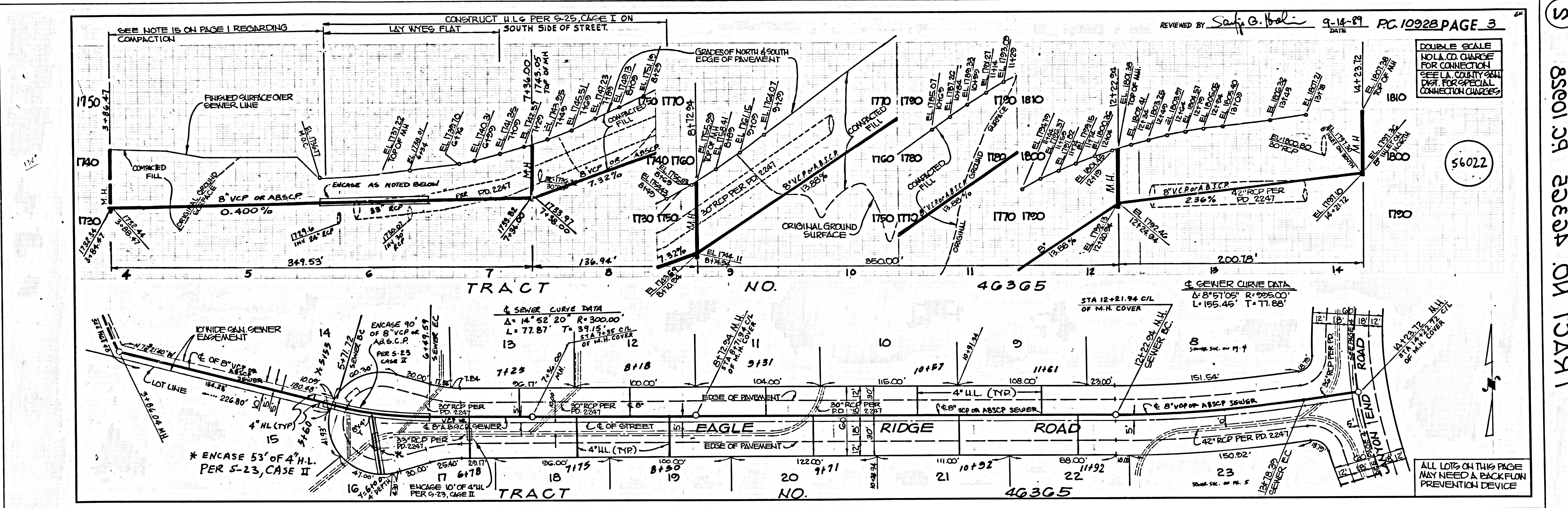
LEGEND	8-1
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COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARRY CHIEF ENGINEER
 CO. SANITARY NO. 126
 APPROVED *Don Johnson* 9/15/89 DATE
 T.W.H. APPROVED *Don Johnson* 9/15/89 DATE
 CHECKED *Sharon O'Brien* 9/16/89 DATE
 REG. C.E. NO. 18116
 SANTA CLARITA VALLEY BLDG. DIST. B.2

CITY OF SANTA CLARITA
 APPROVED *Richard Kopsch* 9/25/89 DATE
 CITY ENGINEER (Deputy)



85901 29 20304 ON T-CART



S
 85901 39 23334 ON TRACT

