

B.M. C.L. 1947 ELEV. 1037.212
 800M TAG STR S END MEDIAN CB OF
 THE OLD RD @ N SIDE RYE
 CANYON RD
 NENHALL QUAD. 19 78

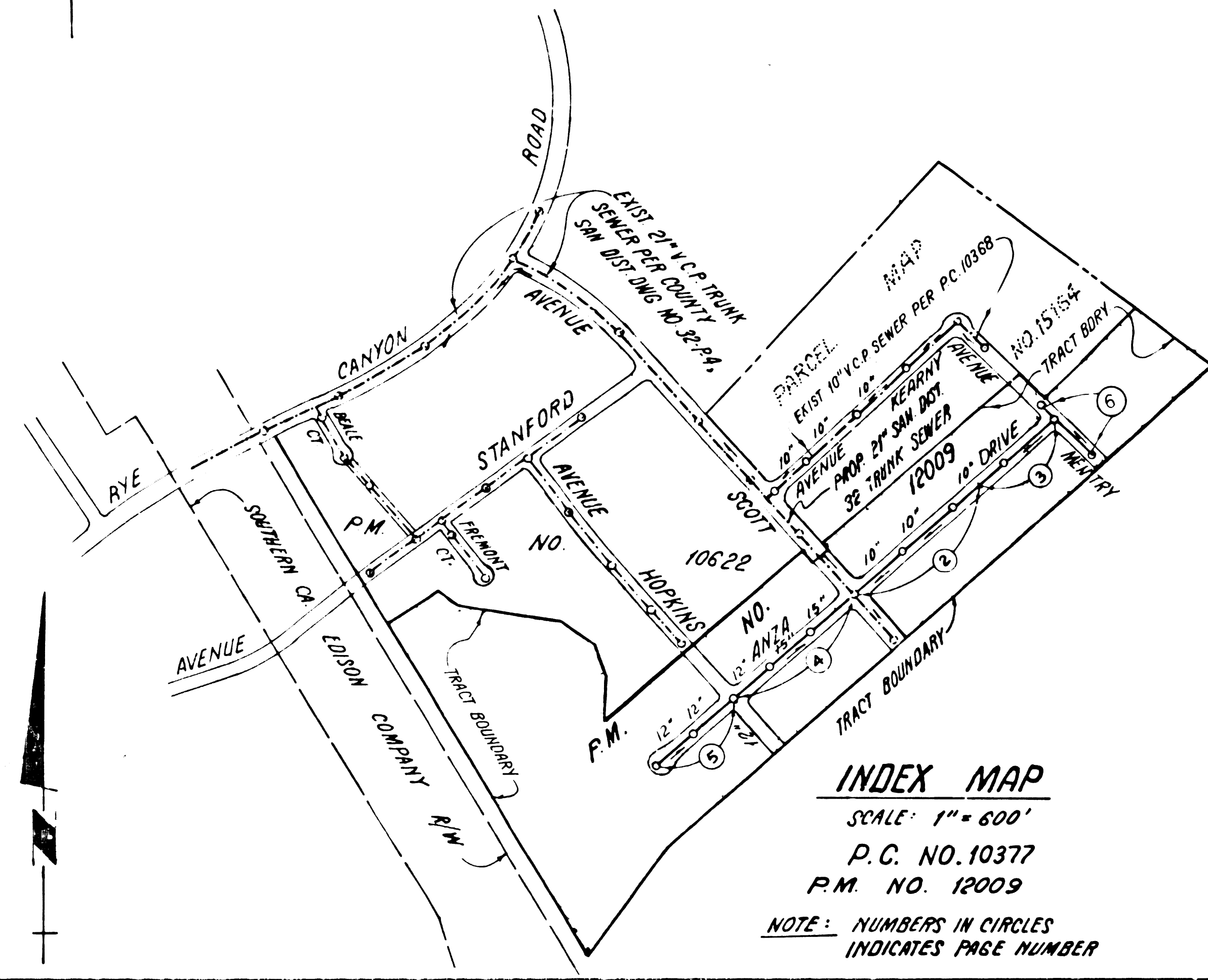
REVISION NO. 1
 PAGE 4: ADDED 6" H.L.'S @ STA. 1100+7.80,
 6+30 & 6+22.
 ADDED CHIMNEY WITH 2 H.L. EACH
 @ STA. 5+25, 4+62 & 2+42.
 APPROVED BY: [Signature] 10/13/80
 DEPT. OF PUBLIC WORKS DATE

REVISION NO. 2
 PAGE 4: DELETED REVISION NO. 1
 ADDED 8" V.C.P. SEWER NORTH AND
 SOUTH SIDE OF M.H. @ STA. 6+60.00
 APPROVED BY: [Signature] 10/13/80
 DEPT. OF PUBLIC WORKS DATE

LOT 15 IS NOT SERVED BY THIS PC SEWER
 CONNECTION IS MADE FROM COUNTY
 SANITATION DISTRICT 32 TRUNK SEWER.

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.



INDEX MAP
 SCALE: 1" = 500'
 P.C. NO. 10377
 P.M. NO. 12009
 NOTE: NUMBERS IN CIRCLES
 INDICATES PAGE NUMBER

- GENERAL NOTES:**
1. ELEVATIONS ARE FROM POINT OF C & G.S. 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 EXAMINE OR RECONSTRUCT THE WORK.
 4. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON THESE PLANS AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE WORK. THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO THE STANDARD IN DRAWINGS BETWEEN SAID DETERMINED POINTS.
 5. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH PLANS, SPECIFICATIONS, AND ELEVATIONS FOR ALL HOUSE LATERALS AND 1" OR 1 1/2" BRANCHES, AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS. THE PLANS SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE WORK. HOUSE LATERALS SHALL BE CONSTRUCTED TO A STRAIGHT RUN FROM THE MAIN LINE TO THE HOUSE EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT MAKE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE JUSTIFIED IN WRITING BY THE PRIVATE ENGINEER.
 6. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE HOUSE AND THE DEPTH OF THE 18" ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
 7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVE UNDER THE STATE HIGHWAY FROM THE COUNTY ROAD DISTRICT. THE PERMIT SHALL BE OBTAINED FROM THE COUNTY ENGINEER, 500 S. WENDY AVE., LOS ANGELES, CALIFORNIA 90005. TO COVER THE LIFE OF THE IMPROVEMENT, FROM THE DATE OF COMPLETION.
 8. 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.
 9. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION OF 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 710 41 OF THE STANDARD SPECIFICATIONS REGARDING 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 EXCAVE IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DISTRICT, 500 S. WENDY AVE., LOS ANGELES, CALIFORNIA. THE PERMIT SHALL BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKER'S COMPENSATION INSURANCE FROM THE DEPARTMENT OF INDUSTRIAL RELATIONS, 200 SOUTH WENDY AVE., LOS ANGELES, CALIFORNIA 90005. HOURS AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF PROJECT.
 12. ALL REFERENCES ON THIS PLAN TO THE COUNTY ENGINEER, THE ROAD DEPARTMENT, OR THE ROAD DISTRICT SHALL APPLY TO THOSE APPROPRIATE SECTIONS OR THE DEPARTMENT OF PUBLIC WORKS.
- CONSTRUCTION NOTES:**
1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF SANITATION SEWERS WITH PERMITS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITATION SEWERS DATED SEPTEMBER 21, 1976, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 285-8281 AT LEAST THIRTY FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPOSED LINE & 6" FEET MINIMUM GRADE EXCEPT AS NOTED.
 4. PIPE OR FIT BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
 5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5 OR PRECAST CONCRETE MANHOLES PER 5. EXCEPT AS NOTED.
 6. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES AS INDICATED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 7. MANHOLES FOR UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES LAPSE MANHOLE DEPTH.
 8. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D", OR "C" PER STANDARD SPECIFICATIONS SECTION 206.2.
 9. IN A POWER POLE IS WITHIN THREE FEET OF THE SEWER THE SEWER SHALL BE ENCASED PER 5-21 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 SIX 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 5-21 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 GASKET JOINT TYPE "C" OR "D" WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 206.2.
 12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 504.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 13. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET A COUNTY ROAD DISTRICT CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 14. FULL COMPLIANCE WITH SECTION 512.3 OF THE PUBLIC UTILITIES AND REGULATORY CODE IN ALL STREETS. CERTIFICATION OF PACKING COMPLETION AND SANITATION SHALL BE A COUNTY ENGINEER. THE TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1

TO BE CONSTRUCTED IN
 PARCEL MAP NO. 12009

PRIVATE CONTRACT NO. 10377
 INDEX 270 S 113, 267 S 113
 W.S. 63
 3 SHEETS, 6 PAGES
 SCALE: VERT. 1" = 4'
 HORIZ. 1" = 40'
 OCTOBER, 1980
 PREPARED IN THE OFFICES OF
 SHAW ENGINEERING ASSOCIATES
 4320 DUNBAR BLVD., VAN NUYS
 CALIFORNIA 91411 (213) 787-8550
 BY: [Signature] CL-11
 REG. C.E. No. 21893

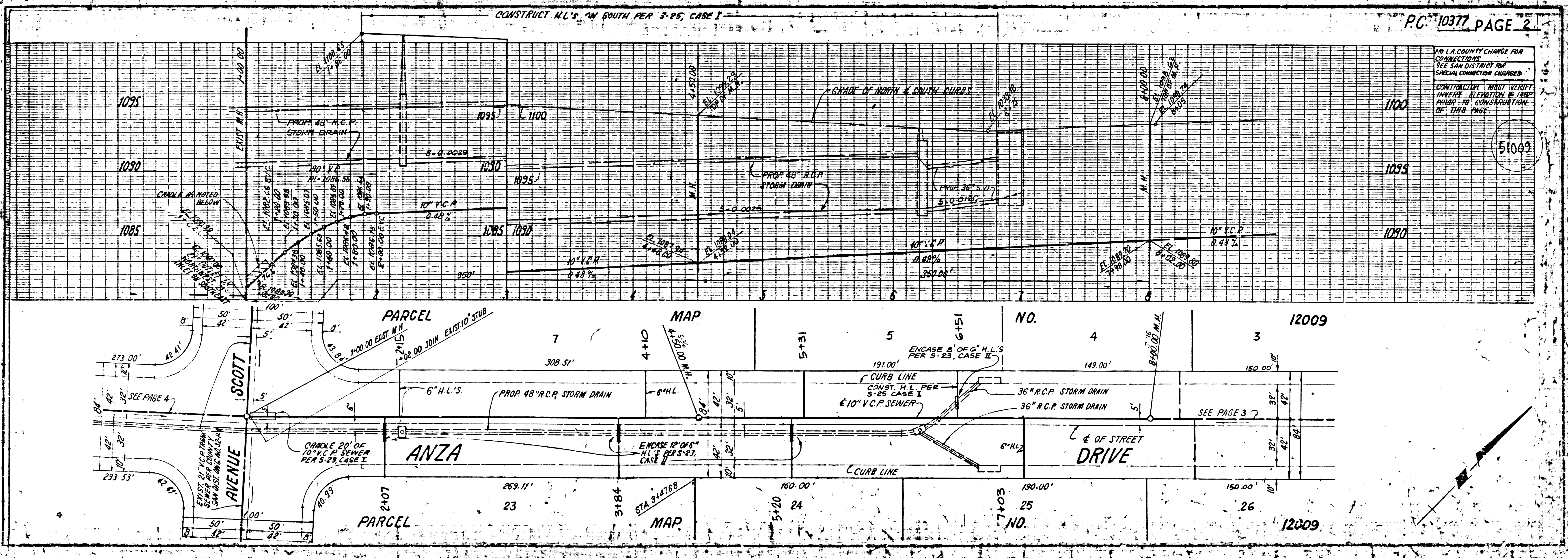
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

STANDARD SPECIFICATIONS	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLES	5-3
STANDARD MANHOLE STEP	5-4
BEDDING FOR SEWER PIPE	5-5
CRADLING AND ENCASEMENT	5-6
WIRE OR TIE SUPPORT	5-7
ALUMINUM TRENCH WALLS	5-8
LOCKING MANHOLE FRAME AND COVER	5-9
PRECAST CONCRETE MANHOLE	5-10

THE FOLLOWING COUNTY SANITATION DISTRICT STANDARDS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

CONNECTION TO PIPE & STRUCTURES	5-4-86
---------------------------------	--------

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIEMANSON - DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARRY - CHIEF ENGINEER
 CO. SAN. DIST. NO. 32
 APPROVED: [Signature] 8/14/85
 DATE: [Signature] OFFICE ENGINEER
 CHECKED: [Signature] 8-12-85
 DATE: [Signature]
 REG. C.E. NO. 19711
 SANTA CLARITA VALLEY BLDG. DIST. 82

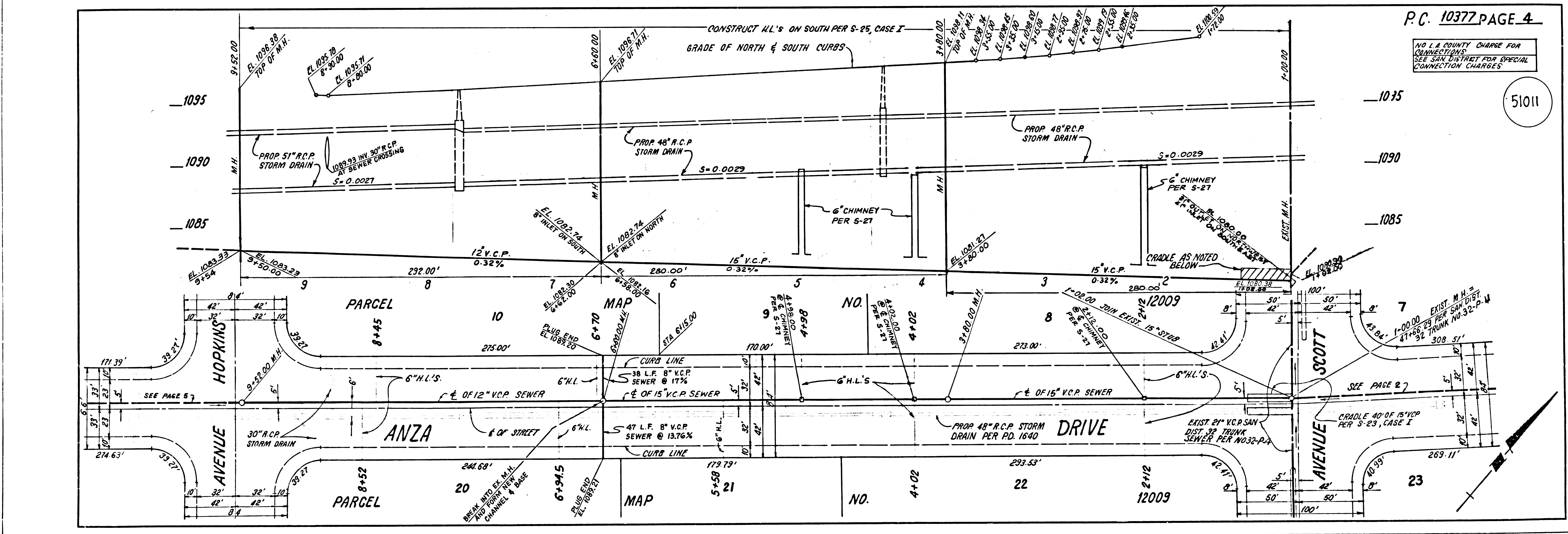
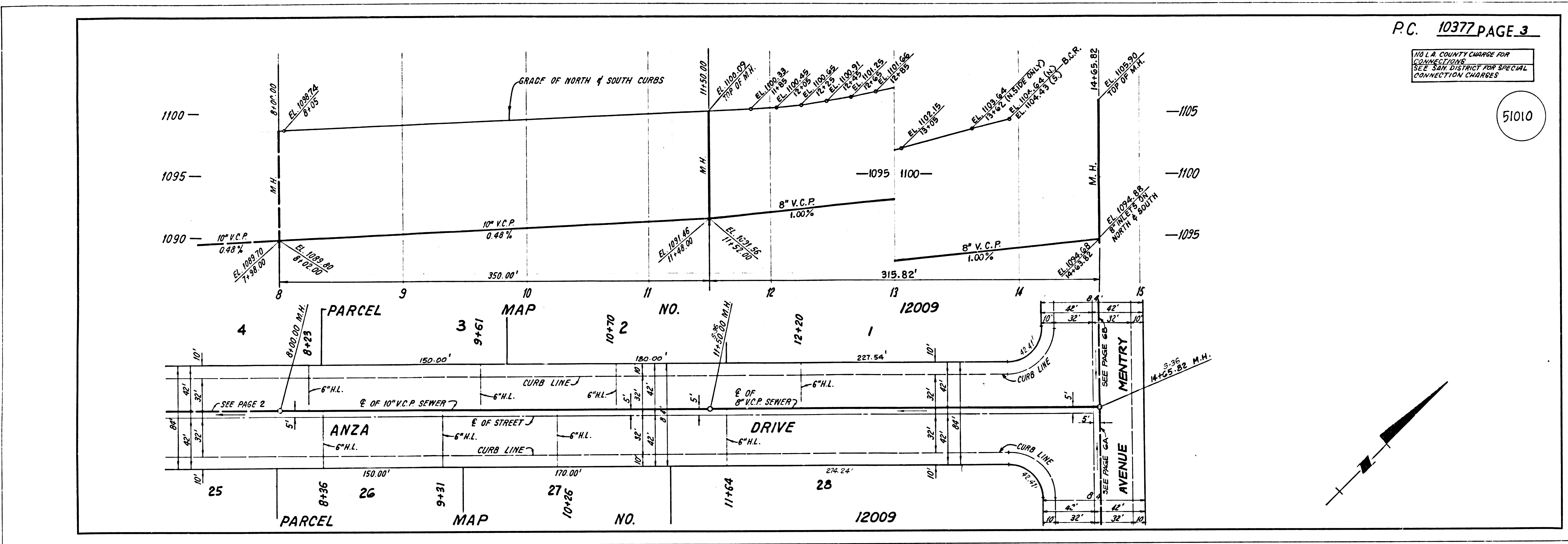


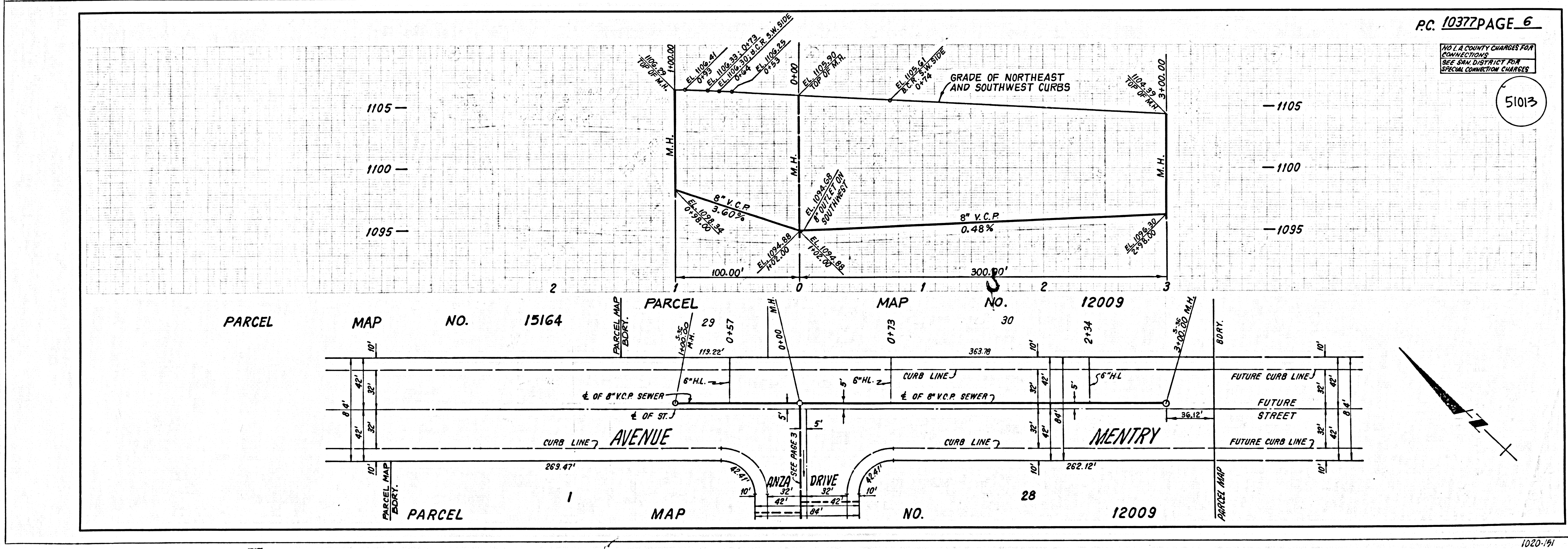
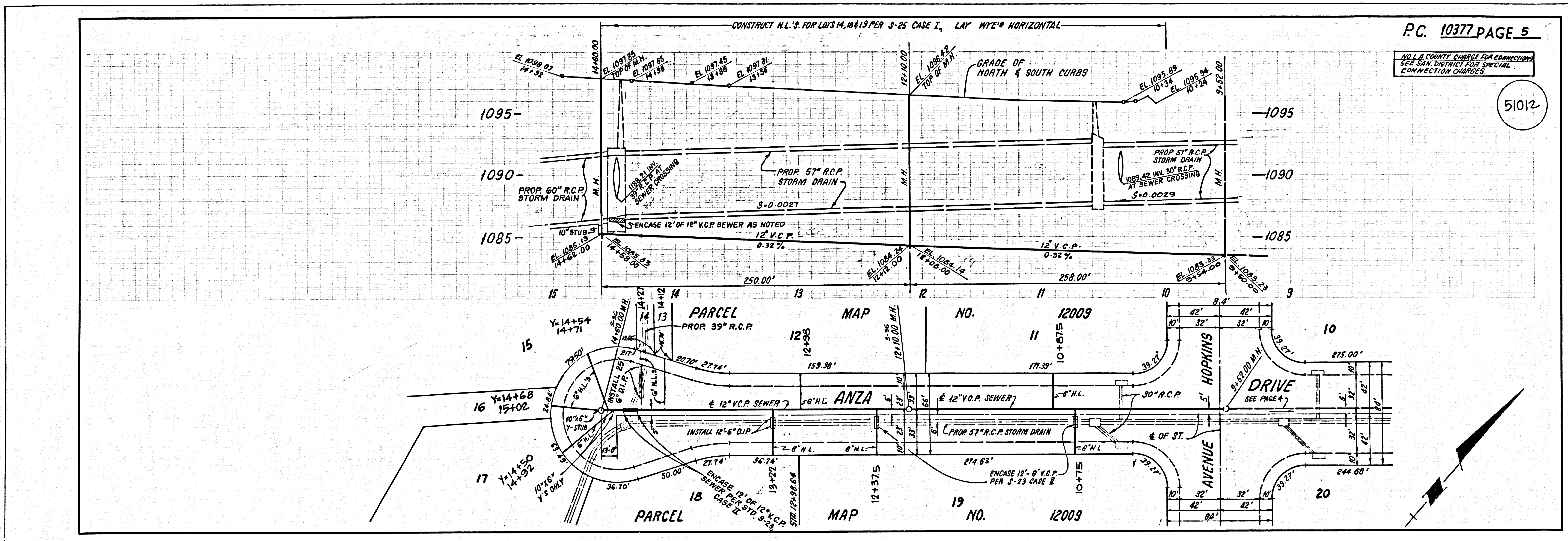
P.C. 10377, PAGE 2

NO L.A. COUNTY CHARGE FOR
 CONNECTIONS TO
 THE SAN DISTRICT FOR
 SPECIAL CONNECTION CHARGES
 CONTRACTOR MUST VERIFY
 INVERT ELEVATION TO AVOID
 PROBLEMS IN CONSTRUCTION
 OF THIS PROJECT

51009

1
 STEEL 20
 BOWEN AND GANN ASSOCIATES





55601 29 20031 0M 9AM 1309AM