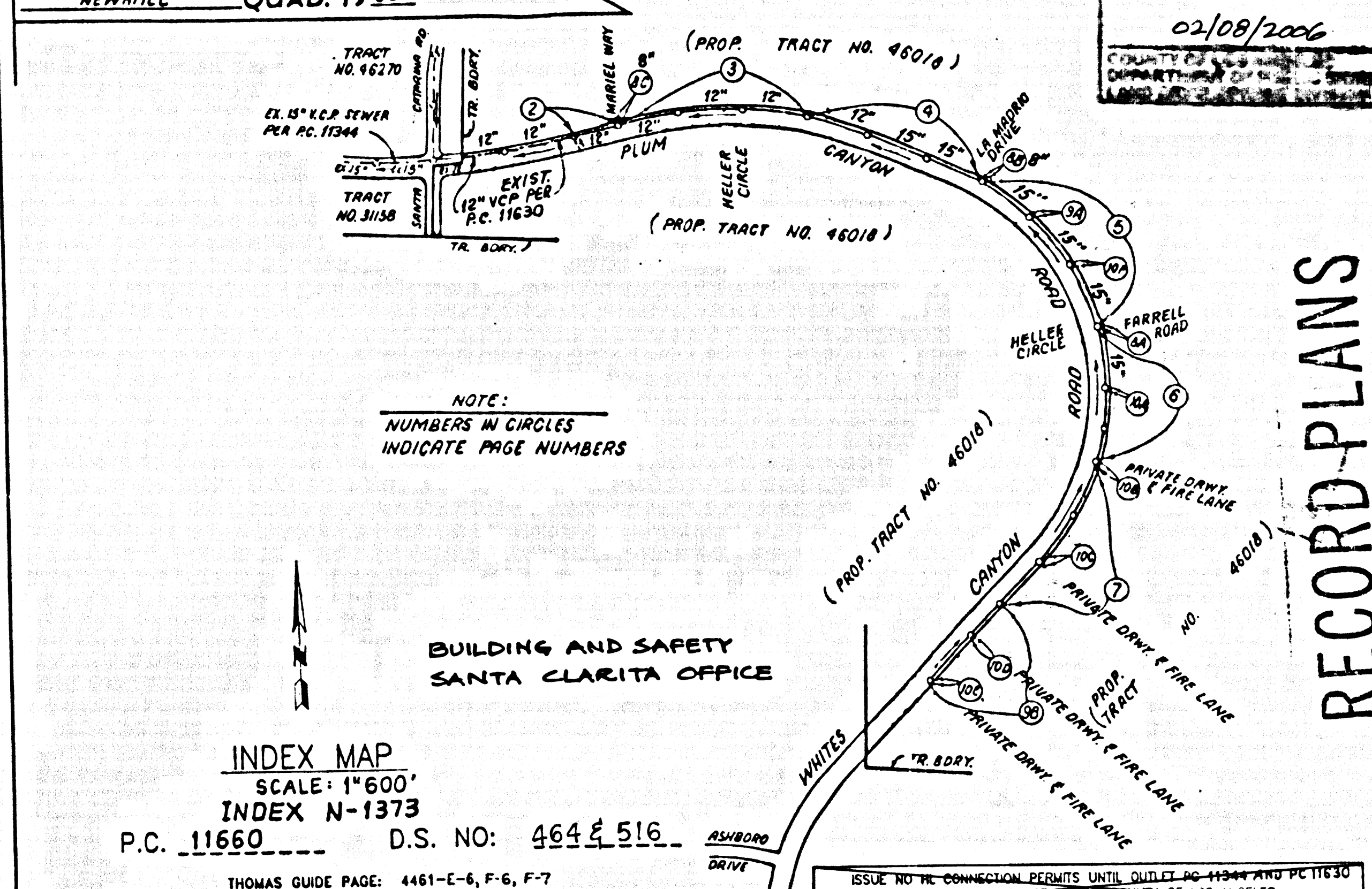


B.M. CL 3826 ELEV. 1374.096
 L.A.C.R.D. TAG IN C.B. 9 FT. SO. B.C.R. 55 FT.
 50.4' 42 FT. W. C/L INT. & BOUQUET CYN.
 ROAD F STEVE JON ST.
 NEWHALL QUAD. 19.83



NOTE:
 NUMBERS IN CIRCLES
 INDICATE PAGE NUMBERS

BUILDING AND SAFETY
 SANTA CLARITA OFFICE

INDEX MAP
 SCALE: 1"=600'
 INDEX N-1373
 P.C. 11660 D.S. NO. 4644516
 THOMAS GUIDE PAGE: 4461-C-6, F-6, F-7

NO.	REVISION	REVISOR	APPROVED BY	DATE

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, A SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (661) 266-4683 SO THAT REQUIRED INSPECTION CAN BE MADE.

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 CONNECTIONS.

CITY OF SANTA CLARITA DISCHARGE APPROVAL ONLY
 DATE: 1/10/03
 ROBERT G. NEWMAN CITY ENGINEER P.E.

STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION

- Crossed sediments and other pollutants must be retained on site and may not be transported from the site via theoretical routes, such as debris, natural drainage courses or wind.
- Sediments at earth and other construction related materials must be protected from being transported from the site by the action of wind or water.
- Fuels, oils, solvents and other liquid materials must be stored in accordance with their listing and not to contaminate the soil and surface waters. All equipment storage containers are to be protected from the weather. Spill must be cleaned up immediately and disposed of in a proper manner. Spill may not be washed into the drainage system.
- Excess or waste concrete may not be washed into the public way or any other drainage system. Provisions shall be made to retain concrete wastes on site until they can be disposed of as solid waste.
- Trench and construction related waste water must be deposited into a covered receptacle to prevent contamination of concrete and captured by wind.
- Sediments and other materials may not be washed from the site by vehicle traffic. The construction entrance roadway must be stabilized so as to contain sediments from being deposited into the public way. Accidental depositions must be swept up immediately and may not be washed down by rain or other means.
- Any slopes with disturbed soil or disturbed or vegetation must be stabilized so as to inhibit erosion by wind and water.

- The following BMPs as outlined on, but not limited to the Best Management Practices Handbook, California State Water Resources Control Board, 1993, or the latest revision shall apply during construction. Additional measures may be required at the discretion of the County.
- CG00 - DEMANDING OPERATIONS
 - CG01 - FILING OPERATIONS
 - CG02 - STRUCTURE CONSTRUCTION AND PAVING
 - CG03 - MATERIAL DELIVERY AND STORAGE
 - CG04 - SOLE WASTE MANHOLE
 - CG05 - WASTE WASTE MANHOLE
 - CG06 - SANITARY WASTE WASTE MANHOLE
 - CG07 - VEHICLE AND EQUIPMENT WASHING
 - CG08 - VEHICLE AND EQUIPMENT WASHING
 - CG09 - SCHEDULING
 - CG10 - PRESERVATION OF EXISTING VEGETATION
 - CE01 - SEEDING AND PLANTING
 - CE02 - MULCHING
 - CE03 - COVERS, TILES AND MATS
 - CE04 - DUST CONTROL
 - CE05 - TURF GRASS SEEDING
 - CE06 - CONSTRUCTION ROAD STABILIZATION
 - CE07 - STABILIZED CONSTRUCTION ENTRANCE
 - CE08 - STORM DRAIN PROTECTION

PRIVATE CONTRACT SEWER GENERAL NOTES

- A SEWER CONSTRUCTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION INSPECTION AND RECORD PLANS TO THE DEPARTMENT OF PUBLIC WORKS AT THE COUNTY ENGINEER'S OFFICE, 150 SOUTH FRESNANO AVENUE, 8TH FLOOR, ALHAMBRA, CALIF. PRIOR TO THE START OF CONSTRUCTION. ALL OTHER REQUIRED PERMITS, SUCH AS ROAD EXCAVATION, CALTRANS ETC. MUST BE FILED WITH THE PERMIT APPLICATION.
- PRIOR TO ISSUANCE OF ANY PERMIT THE CONTRACTOR SHALL FILE A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.
- IF WORK IS TO BE DONE ON A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAY, 150 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
- WHILE WORK IS WITHIN A CONTRACT CITY, THE CONTRACTOR MUST CONTACT THE DIRECTOR OF PUBLIC WORKS OF THAT CITY TO DETERMINE THE LOCATION TO PAY THE INSPECTION FEE.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT OFFICE LISTED ON THE "APPLICATION FOR CONSTRUCTION PERMIT" TO ARRANGE FOR ACCEPTABLE CONSTRUCTION START DATE AND SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE (818)958-3178 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO ACCURACY OF THE LOCATION OF ANY EXISTING OR PROPOSED UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTICE APPLIES TO ALL PAGES.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, INCLUDING SUPPLEMENTS AND SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS PERSONNEL.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION IN REGARD TO SAFETY GUADES AND SHALL CONFORM TO THE "MINIMUM PUBLIC SAFETY REQUIREMENTS" AS SHOWN ON LOS ANGELES DEPARTMENT OF PUBLIC WORKS STANDARD S-2.
- 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 OR CENTERLINE OF ALLEYS, AND SHOWN IN CIRCLES ON PROFILES AT 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 "TODDY" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED AT A STRAIGHT ALIGNMENT AT RIGHT ANGLES 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 SEWER ANY CHANGE IN ALIGNMENT SHALL BE INDICATED IN WRITING BY THE PRIVATE ENGINEER.
- THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.

CONSTRUCTION NOTES

- PROVIDE SURVEY STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
- VERIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "D" PER STANDARD SPECIFICATIONS SECTION 308-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER STANDARD PLAN 2023-1, CASE 8, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- ALL JOINTS BETWEEN CAST IRON PIPE AND VERIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "D" (WITH DUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS SECTION 308-2.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- IF ONE OR TWO BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- 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 PROTECTED ON THE PLANS, THE PIPE SHALL BE ENCASED PER STANDARD PLAN S-23 CASE 8, UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER STANDARD PLAN S-3 OR PRECAST CONCRETE SEWER MANHOLES PER STANDARD PLAN S-38, OR REINFORCED PRECAST CONCRETE MANHOLES PER STANDARD PLAN S-4, EXCEPT AS NOTED.
- REINFORCE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HOWMAN REQUIREMENTS IN ACCORDANCE WITH THE PERMITS.
- FULL COMPLIANCE WITH SECTION 308-1 & 4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL QUALITY AND SAND EQUIVALENTS BY A QUALIFIED CIVIL ENGINEER SHALL BE PROVIDED BY THE CONTRACTOR TO THE SIGNATURE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- ALL BACKFILL AND FILLS OUTSIDE OF STREET RIGHT OF WAY SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM SOIL COMPACTION TEST D 1557-78 METHOD "D" UNLESS OTHERWISE SPECIFIED. THIS SHALL BE CERTIFIED BY A PUBLIC WORKS PRIOR TO ACCEPTANCE OF THE WORK BY COUNTY.
- MANHOLE TOPS IN IMPROVED ROADS OF WAY TO BE LEVELS WITH FINISHED GRADE.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 308-1.4 OF THE STANDARD SPECIFICATION AND SPECIAL PROVISIONS.
- ALL VES AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.
- MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.

PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS

TO BE CONSTRUCTED IN
 D.S. NO. 4644516 PC NO. 11660
 5 SHEETS: 10 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA
 INDEX NO. N-1373

JAMES A. NOYES DIRECTOR OF PUBLIC WORKS
 APPROVED BY LAND DEVELOPMENT DIVISION
 BY: Dennis Hunter 1/8/03
 ASSAULT DESIGN ENGINEER
 SUBMITTED BY: [Signature] 1/8/03
 MANHOLE PLAN DESIGNER

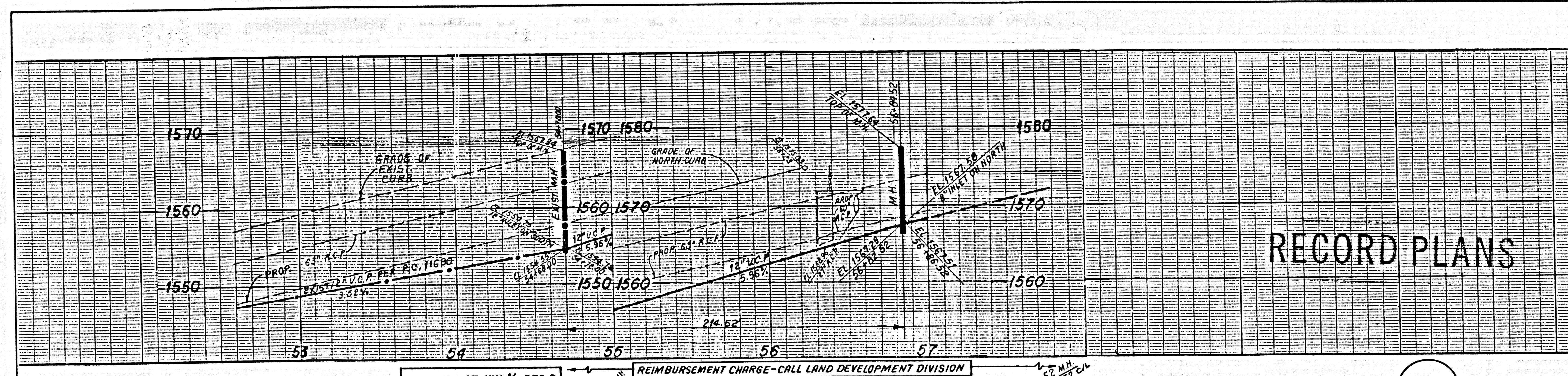
APPROVED: COUNTY SANITATION DISTRICT OF LOS ANGELES CALIF.
 JAMES F. STAHL - CHIEF ENGINEER and GENERAL MANAGER
 COUNTY SANITATION DISTRICT NO. 26

BY: [Signature] DATE: 1/10/03

PRIVATE ENGINEERS' NOTICE TO CONTRACTORS:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS REQUIRED BY A SEARCH OF AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE. THESE ARE NOT EXISTING UTILITIES EXCEPT AS SHOWN ON THIS MAP. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THE DRAWING. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL THE FREE 1-800-472-4133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL THE CHAIRMAN OF GENERAL TELEPHONE COMPANY AT 1-805-446-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

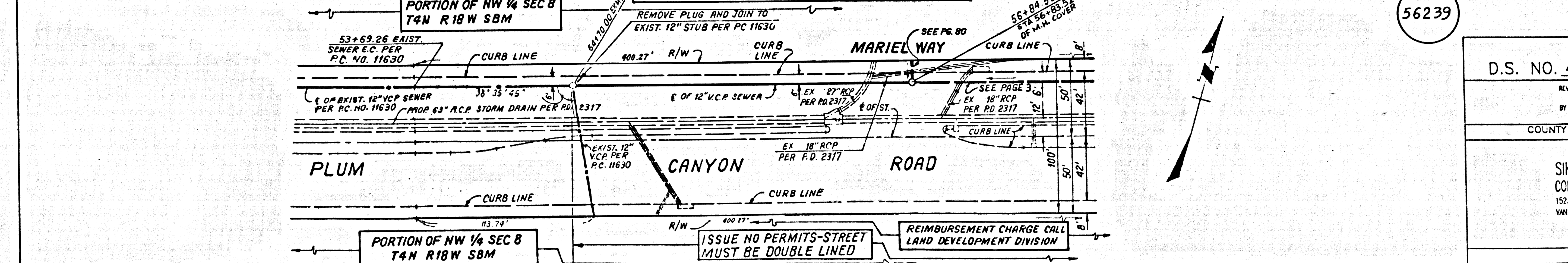
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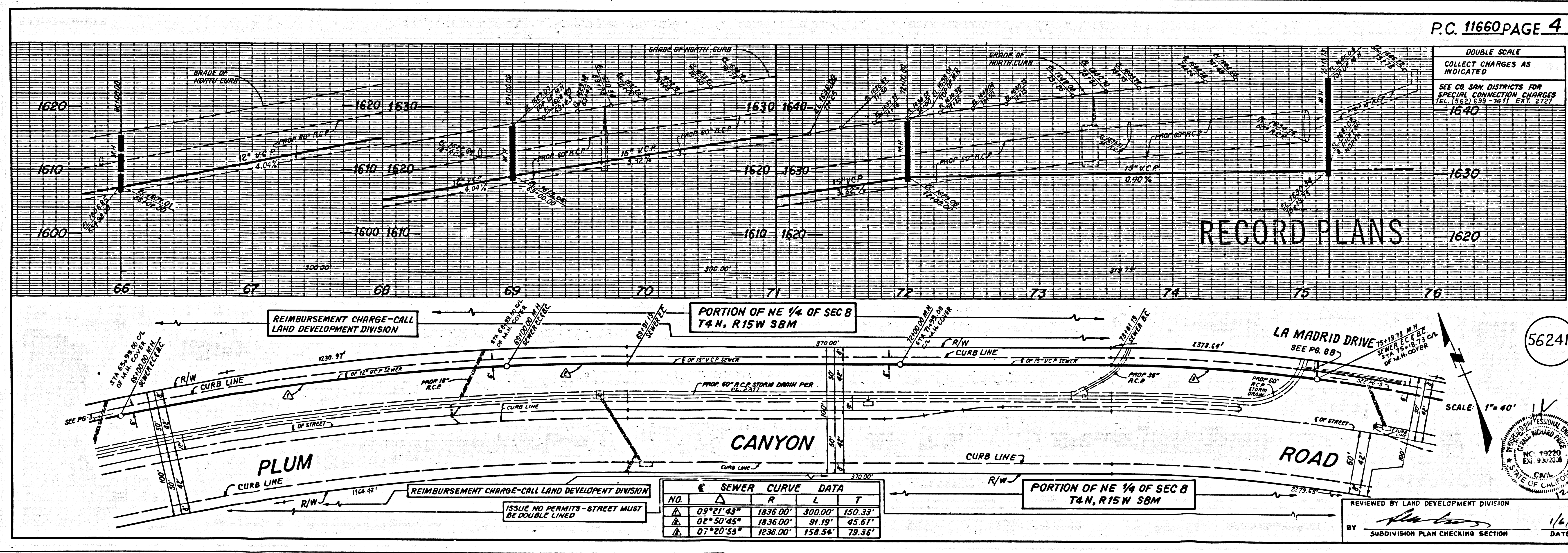
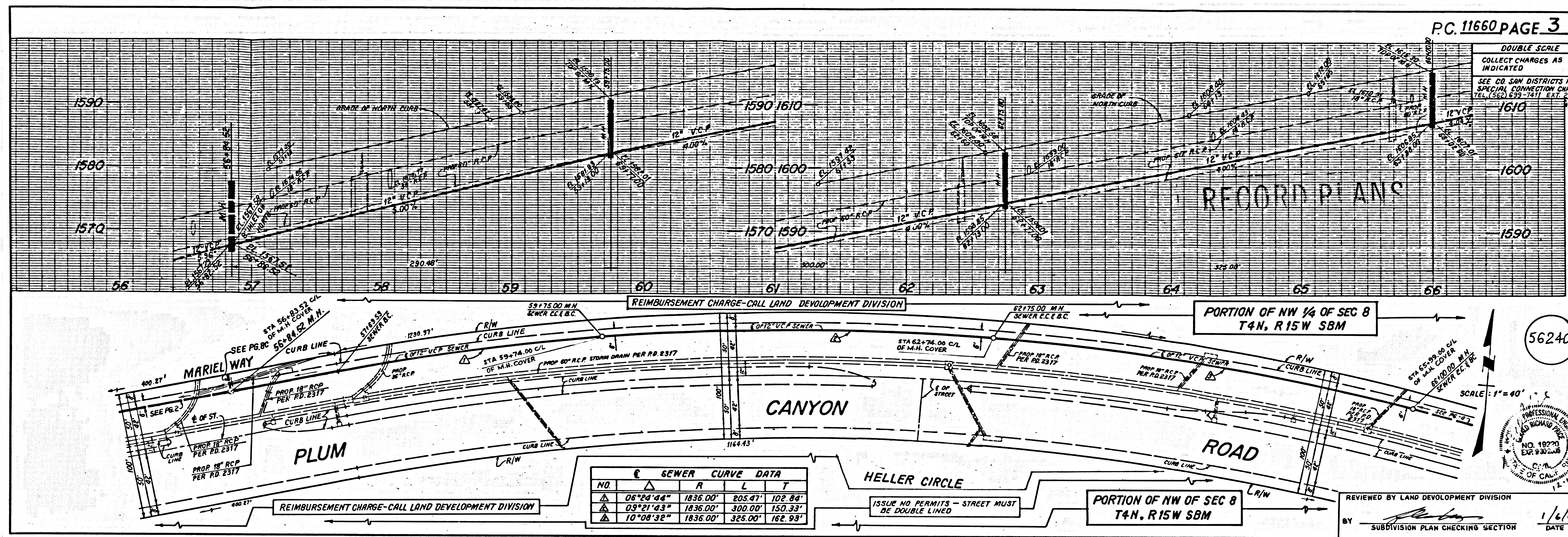
DOUBLE SCALE
 COLLECT CHARGES AS INDICATED
 SEE SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (562) 699-7411 EXT. 2727

PLAN SCALE: 1" = 40'
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 SANITARY SEWER PLANS IN
 D.S. NO. 4644516 P.C. NO. 11660
 REVISED LAND DEVELOPMENT DIVISION
 BY: [Signature] 1/6/03
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

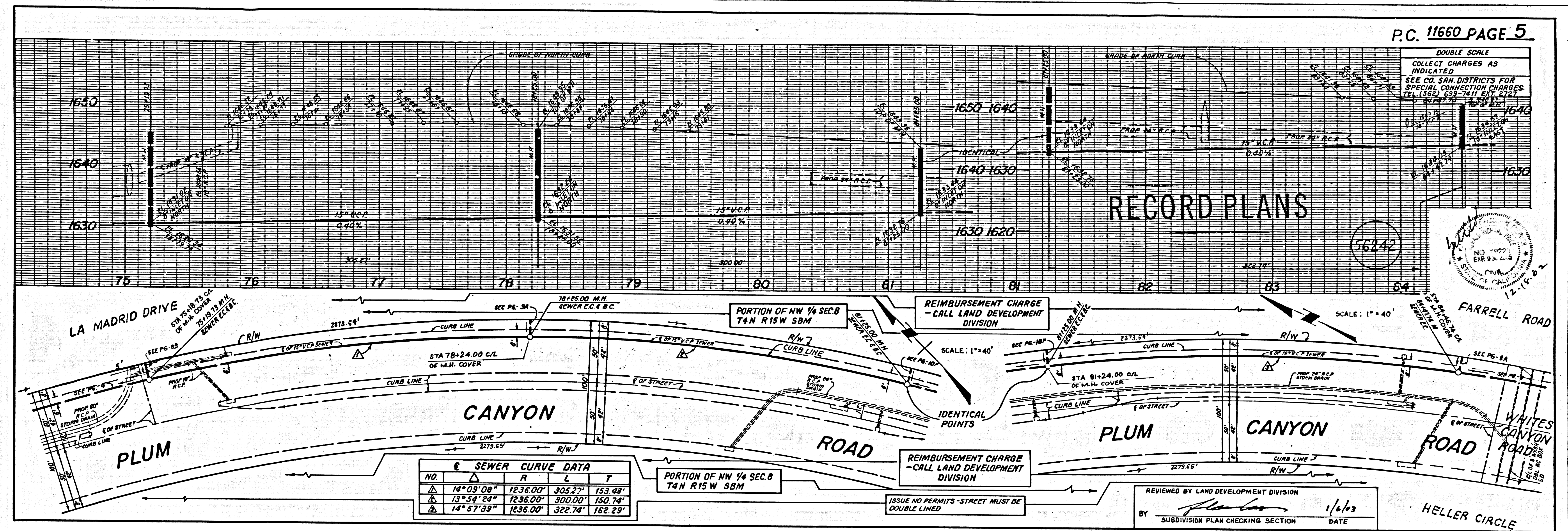


SIKAND ENGINEERING ASSOCIATES
 CONSULTING ENGINEERS
 15230 BURBANK BLVD.
 VAN NUYS, CALIFORNIA 91411 (818) 787-8500

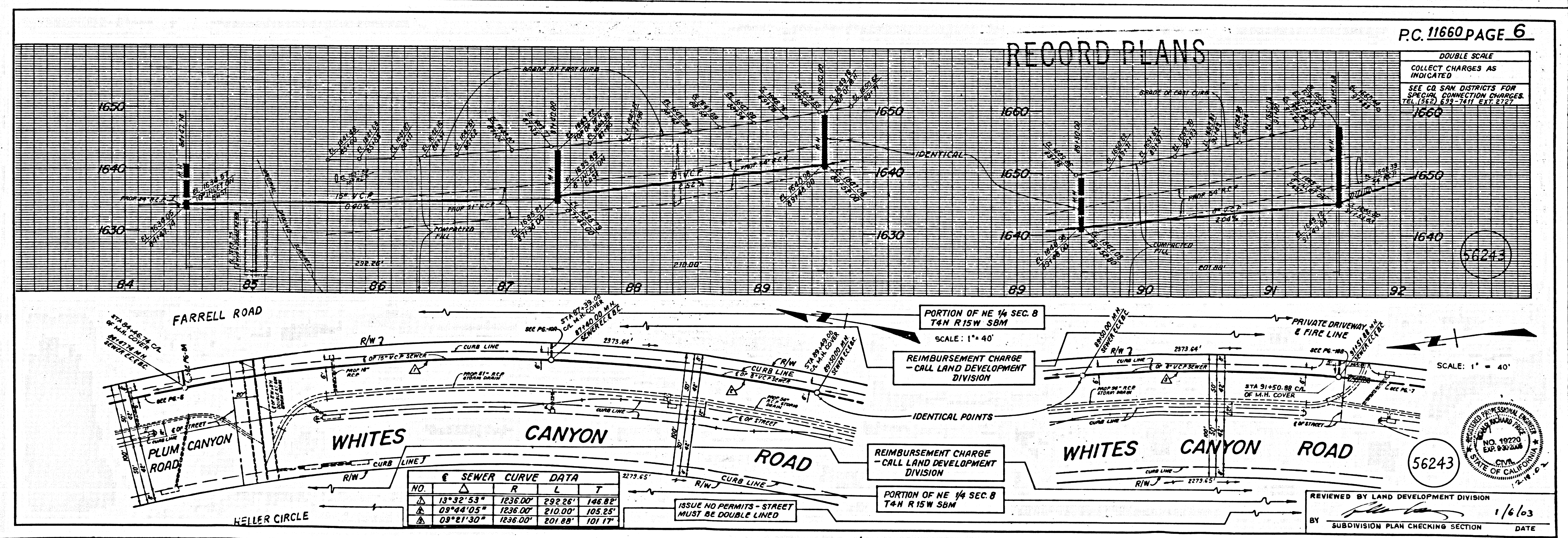
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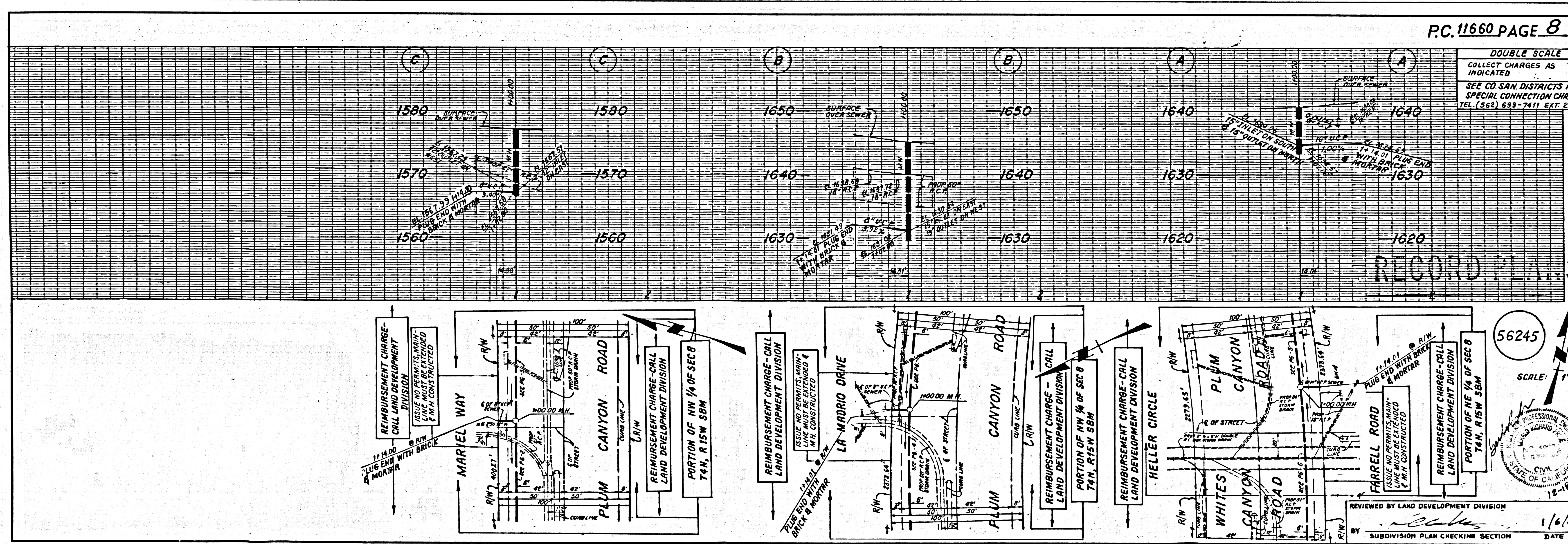
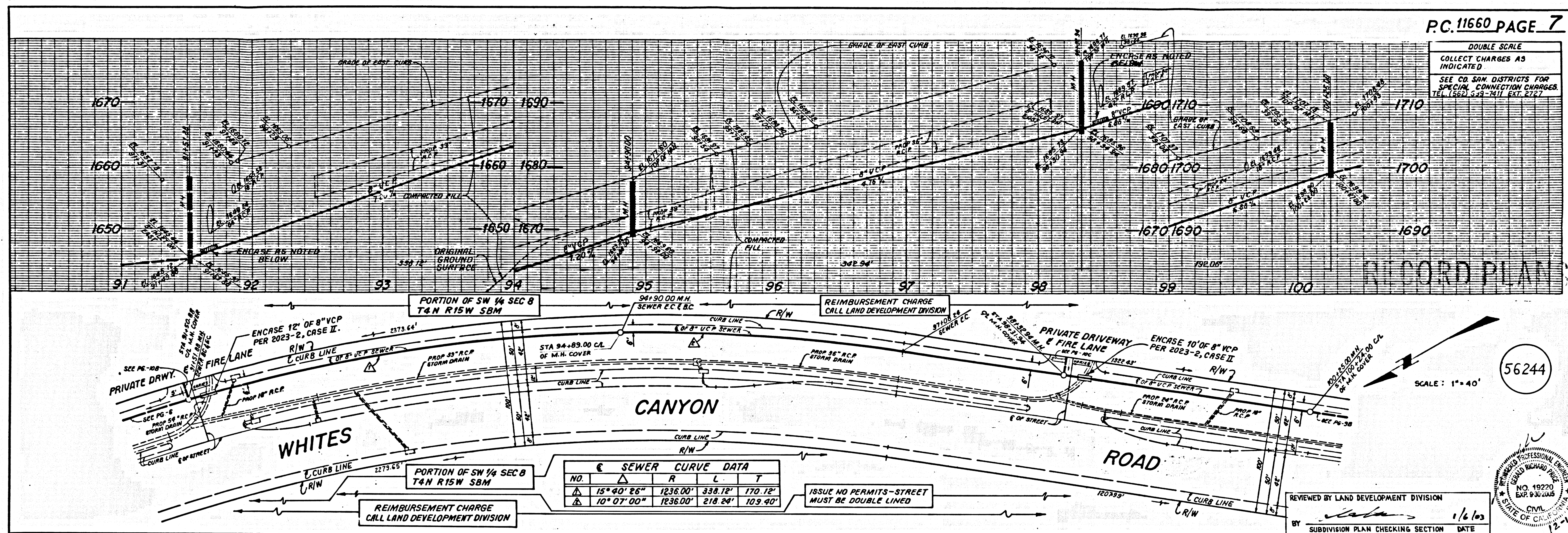


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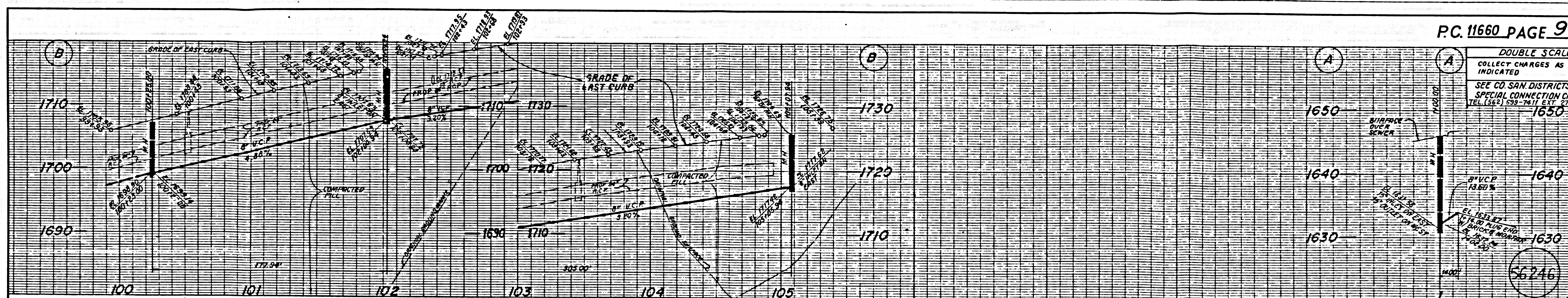


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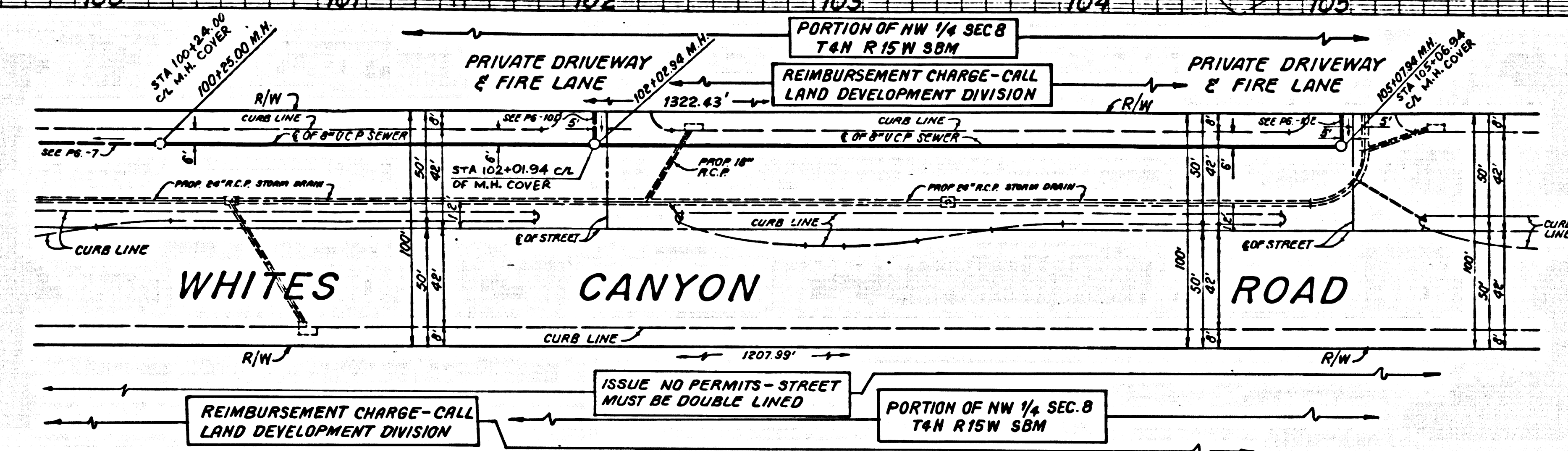
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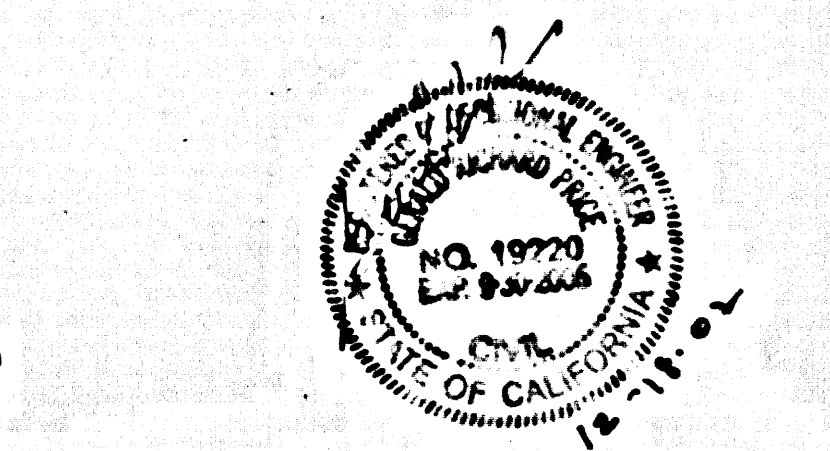
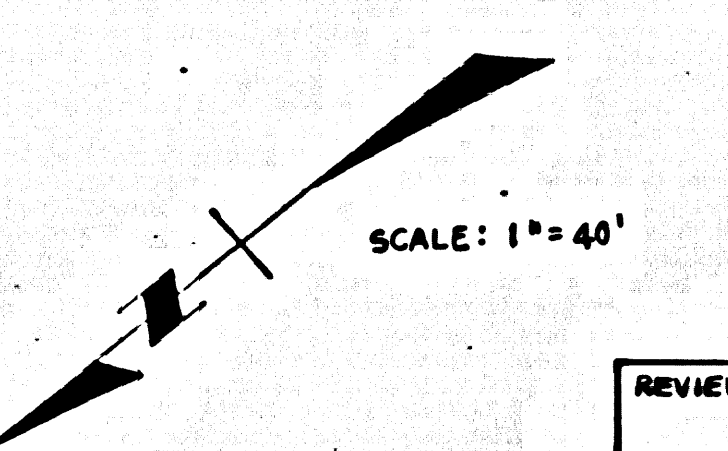
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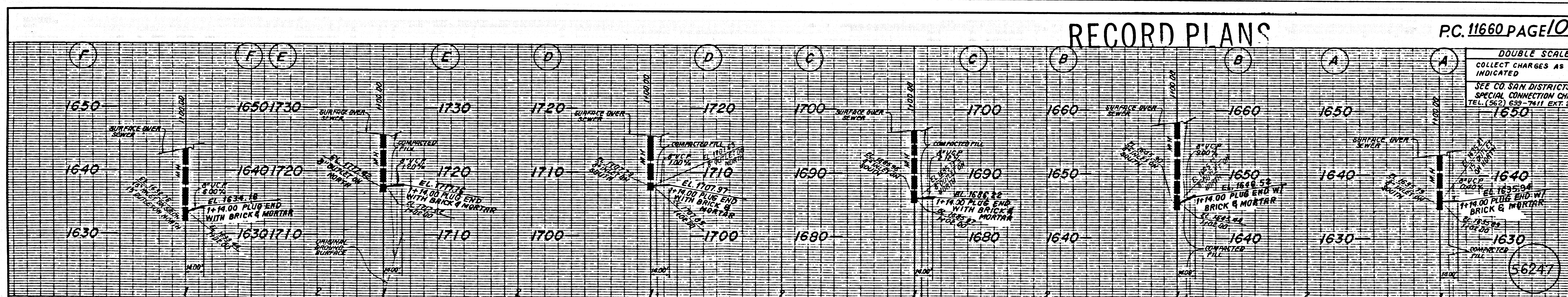
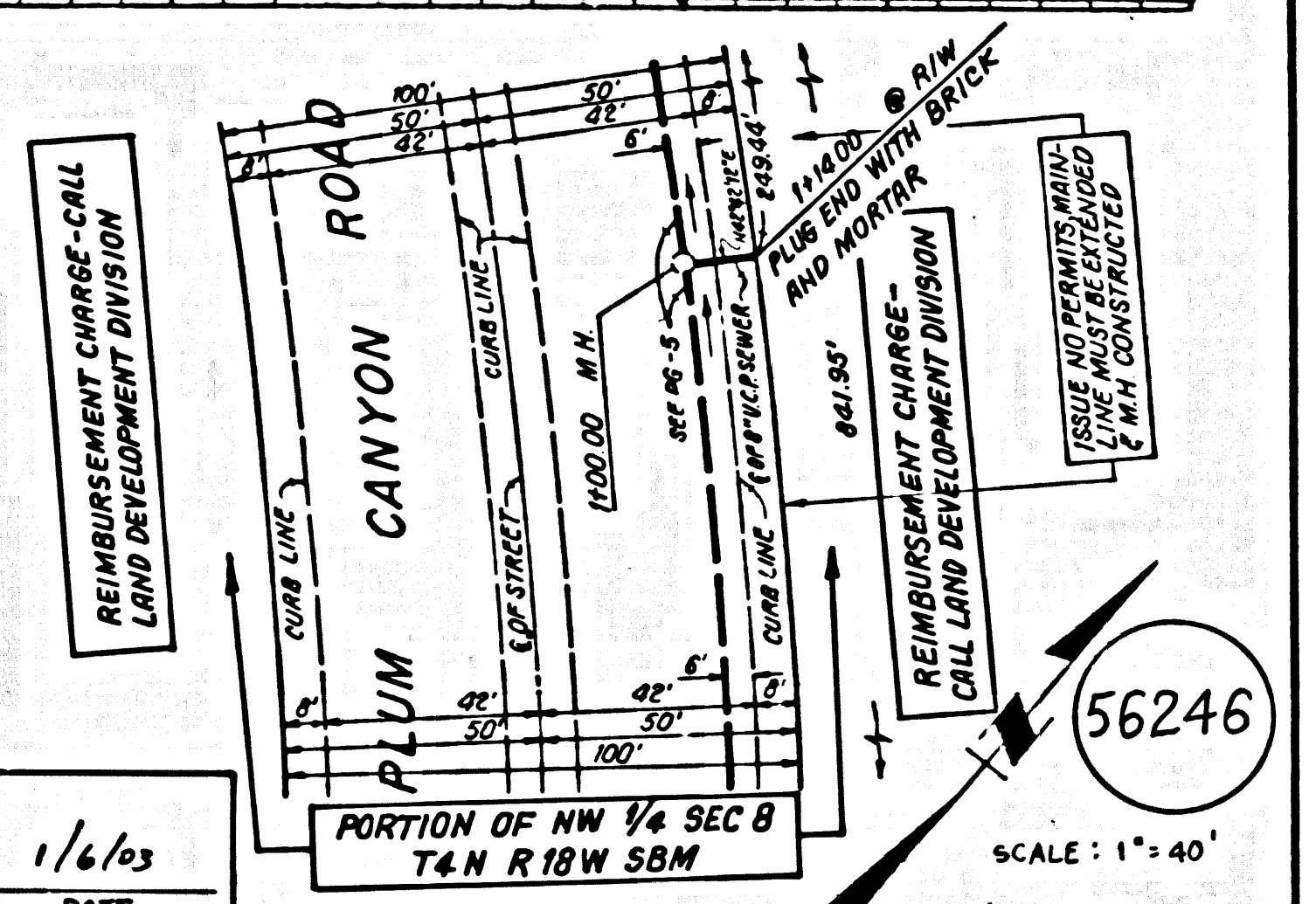
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 COLLECT CHARGES AS INDICATED
 SEE CO. SAN DISTRICTS FOR SPECIAL CONNECTION CHARGES
 TEL. (650) 639-7411 EXT. 2727



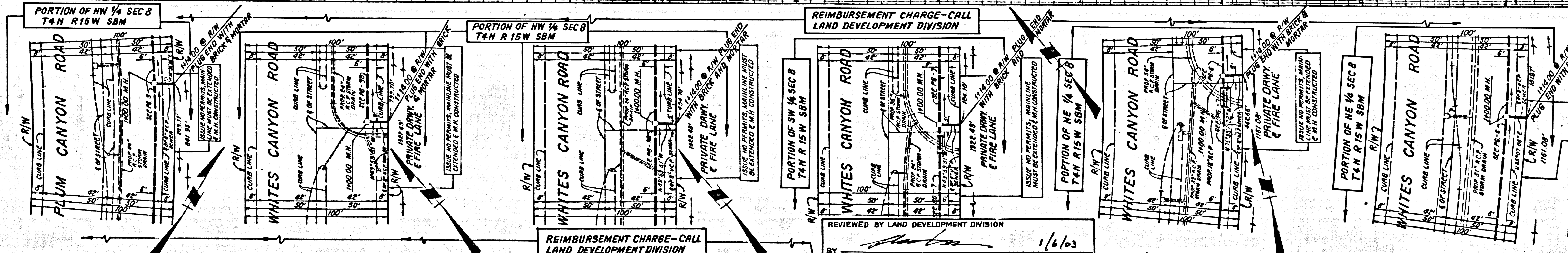
RECORD PLANS



REVIEWED BY LAND DEVELOPMENT DIVISION
 BY [Signature] 1/6/03
 SUBDIVISION PLAN CHECKING SECTION DATE

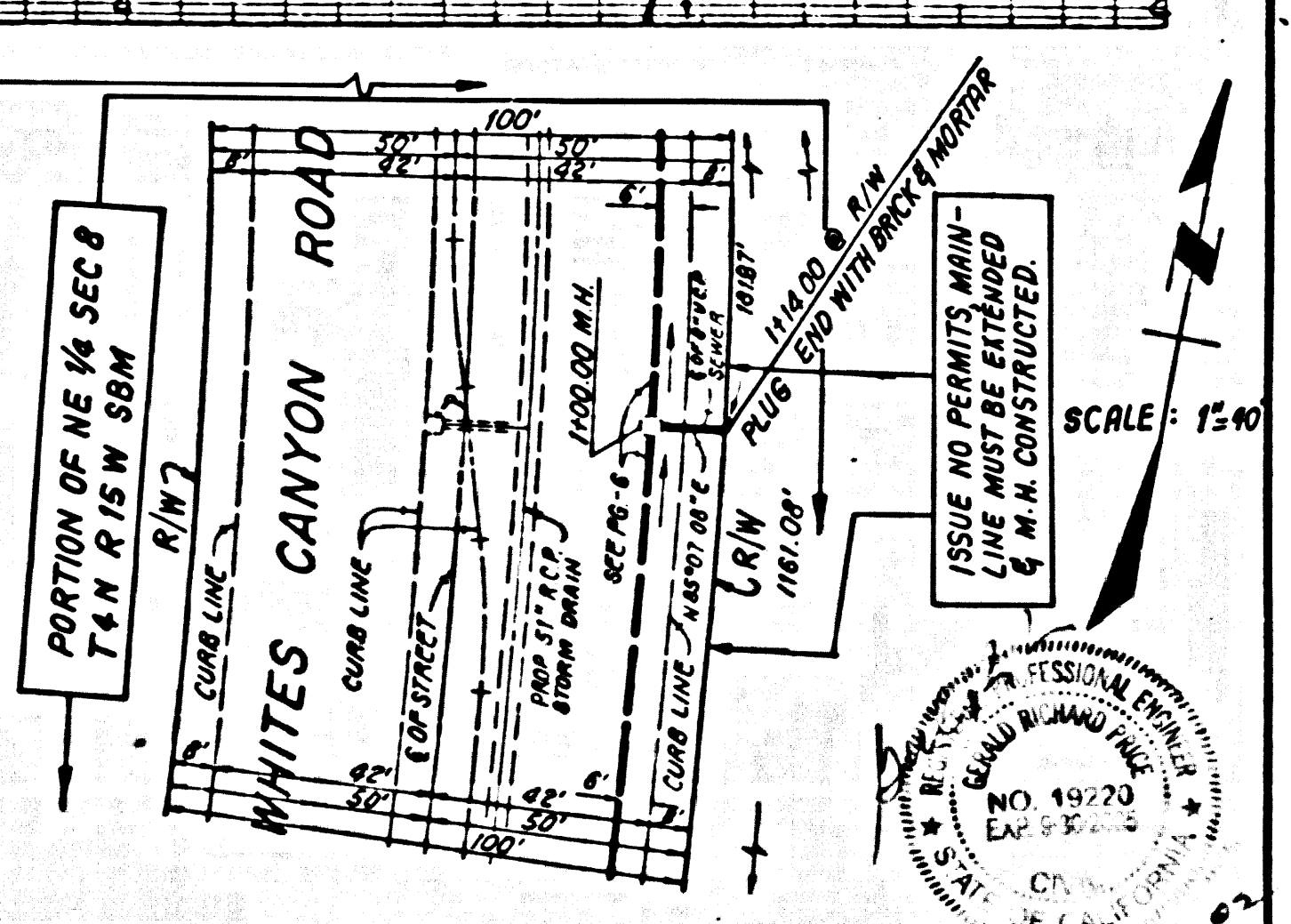


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RECORD PLANS

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 BY [Signature] 1/6/03
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