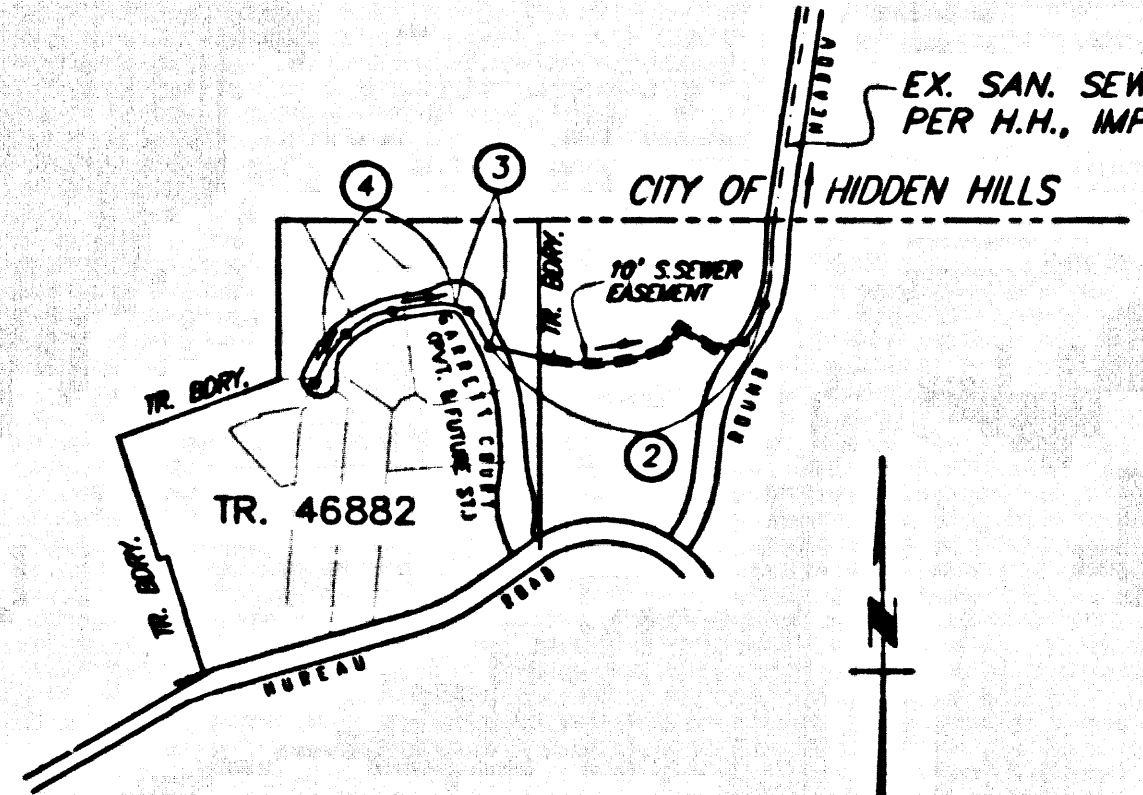


BENCHMARK #CY 9043 EL. 1098.993
 L & PK CB. 11 FT. N BCR. 70 FT N & 15 FT W.
 C/L MT. MUREAU RD. & ROUND MEADOW RD.
 MALIBU QUAID 1980



INDEX MAP
 SCALE: 1" = 600'
 TRACT NO. 46882 P.C. NO. 11510
 NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBER.
 THOMAS GUIDE PAGE: 559 C-5
 S-1152

NO.	REVISION	REVISED BY	APPROVED BY	DATE
1	REVISED ALIGNMENT DET. STA. 0+00 AND STA. 2+37.73 WITH 2' PLUMBANCE BETWEEN M.L. 3" AND 6" OF CENTER.	Ramy J. Patel	[Signature]	10/14/00

STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION

- Erosion sediments and other pollutants must be retained on site and may not be transported from the site via sheet flow, seeps, area drains, natural drainage courses, or wind.
- Stockpiles of earth and other construction related materials must be protected from being transported from the site by the force of wind or water.
- Fuels, oils, solvents, and other toxic materials must be stored in accordance with their labeling and are not to contaminate the soil and surface waters. All approved storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into the drainage system.
- Excess of 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.
- Trash and construction-related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and captured by wind.
- Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadway must be stabilized so as to inhibit 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 soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

- CAD00 - DEWATERING OPERATIONS**
 CAD01 - PAVING OPERATIONS
 CAD02 - STRUCTURE CONSTRUCTION AND PAINTING
 CAD03 - MATERIAL DELIVERY AND STORAGE
 CAD04 - SOLID WASTE MANAGEMENT
 CAD05 - MATERIALS MANAGEMENT
 CAD06 - HAZARDOUS WASTE MANAGEMENT
 CAD07 - CONCRETE WASTE MANAGEMENT
 CAD08 - SANITARY WASTE MANAGEMENT
 CAD09 - VEHICLE AND EQUIPMENT CLEANING
 CAD10 - VEHICLE AND EQUIPMENT MAINTENANCE
 ESC01 - SCHEDULING
 ESC02 - PRESERVATION OF EXISTING VEGETATION
- ESC10 - SEEDING AND PLANTING**
 ESC11 - MULCHING
 ESC20 - GEOTEXTILES AND MATS
 ESC21 - DUST CONTROLS
 ESC22 - TEMPORARY STREAM CROSSING
 ESC23 - CONSTRUCTION DRAIN STABILIZATION
 ESC24 - STABILIZED CONSTRUCTION ENTRANCE
 ESC34 - STORM DRAIN INLET PROTECTION

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

APWA 208-0 BREAKING INTO EXISTING MANHOLES
 APWA 222-0 HOUSE CONNECTION SEWER
 APWA 223-0 HOUSE CONNECTION REMODELING
 APWA 200-2 NON-REINFORCED PRECAST CONCRETE MANHOLE
 APWA 225-1 BLANKET PROTECTION FOR PIPES

2000-0 LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS
 2021-0 BEGINS FOR 8" V.C.P.
 2024-0 WYE OR TEE SUPPORT
 2027-0 ALLOWABLE TRENCH WIDTHS
 6006-0 MINIMUM PUBLIC SAFETY REQUIREMENTS
 2015-0 STANDARD MANHOLE STEP
 2021-0 SCHEDULING AND ENGAGEMENT
 2100-0 REQUIREMENTS FOR SAN. SEWER NEAR WATER MAINS

PRIVATE ENGINEERS NOTICE TO CONTRACTORS:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS OBTAINED BY A SEARCH OF AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE. THERE ARE NO EXISTING UTILITIES UNDER THE PROJECT AREA. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL TOLL FREE 800-422-4100 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. RAY CUMMINGS OF GENERAL TELEPHONE COMPANY AT 1-805-248-4878 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

Ramy J. Patel 9-29-00
 DATE

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 Permit Counter, 500 South Fremont Avenue, 8th Floor, Alhambra, at least 72 hours prior to starting work under this contract. Copies of all other required permits, such as those for Excavation, California, 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 Worker's Compensation Insurance with the Department of Public Works named as the Certificate Holder to be notified 30 days prior to completion of work.
- 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.
- When 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 an acceptable construction start date, and shall notify the construction division by telephone (626) 458-3120 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 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.
- All work shall be in accordance with the latest approved edition of the "Standard Specifications for Public Works Construction, including supplements and the latest Special Provisions for the Construction of Sanitary Sewers and shall be prosecuted only in the presence of the Department of Public Works. The contractor's attention is directed to Section 7-10.4.1 of the Standard Specifications for Public Works Construction in regard to safety orders 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 ditches, are shown by 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 shall provide and install all pipe and fittings at their proper locations with stationing plainly marked. All house laterals shall be constructed in a straight alignment at right angles from the main sewer except as shown on these plans. House laterals from driveways shall not have an angle of less than 45 degrees with the M.L. sewer. Any change in alignment shall be requested in writing by the private engineer and furnish the house lateral depth at the property line below the top of 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 city pipe joints shall be type "D" or "G" per standard specifications section 208-2.
- If a pipe is within three feet of the sewer, the sewer shall be encased per standard plan S-203-1, case II, two feet on each side from the point of interference.
- All joints between cast iron pipe and vitrified clay pipe shall be made with a rubber sleeve joint, type "D" (with bushing if necessary) per standard specifications section 208-2.
- House laterals to be constructed with inverts at the property line 8 feet below curb grade except as noted.
- Wye or tee branches may be used for connections to the mainline sewer 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 manhole or house lateral V.C.P. sewer which is not indicated on the plans, the pipe shall be encased per standard plan S-23, case II, 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-36, or reinforced precast concrete manholes per standard plan S-8, except as noted.
- Excavations of trenches within zones areas to meet Los Angeles County Public Works or California State Highway requirements in accordance with the permits.
- Full compliance with section 306-13.4 of the standard specification will be required for backfill in street certification of backfill compaction and soil equivalent by a qualified civil engineer and be provided by the permittee prior to the issuance of a certificate of partial acceptance.
- All backfill and the outside of the street right of way shall be compacted to 90% of the maximum density as determined by ASTM soil compaction test D 1557-78 method "D" unless otherwise specified. This shall be certified by a qualified civil engineer. This certification shall be submitted to the Construction Division of the Department of Public Works prior to the acceptance of the work by the county.
- Manhole tops in improved rights of way to be level with finished grade.
- Sewers to be installed for slope per section 306-1/4 of the standard specifications and special provisions.
- All eyes and/or house laterals are to be located at least five feet apart and when possible not closer than five feet to any manhole.

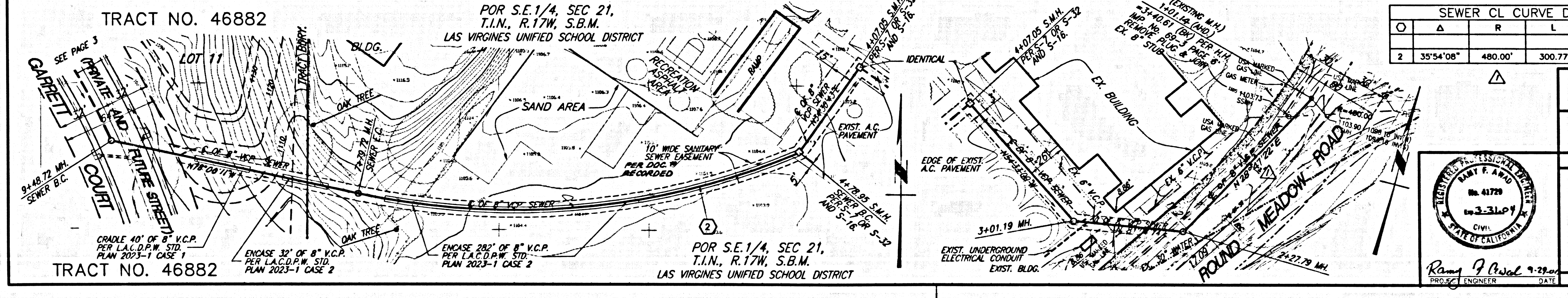
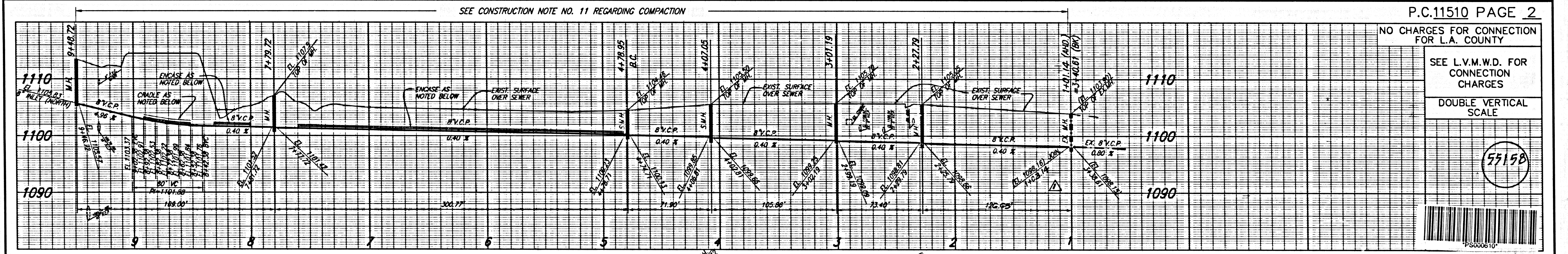
PROFILE, ALIGNMENT AND GRADE OF

SANITARY SEWERS
 TO BE CONSTRUCTED IN THE CITY OF CALABASAS.
 TRACT NO. 46882 PC NO. 11510
 2 SHEETS: 4 PAGES
 INDEX 1152

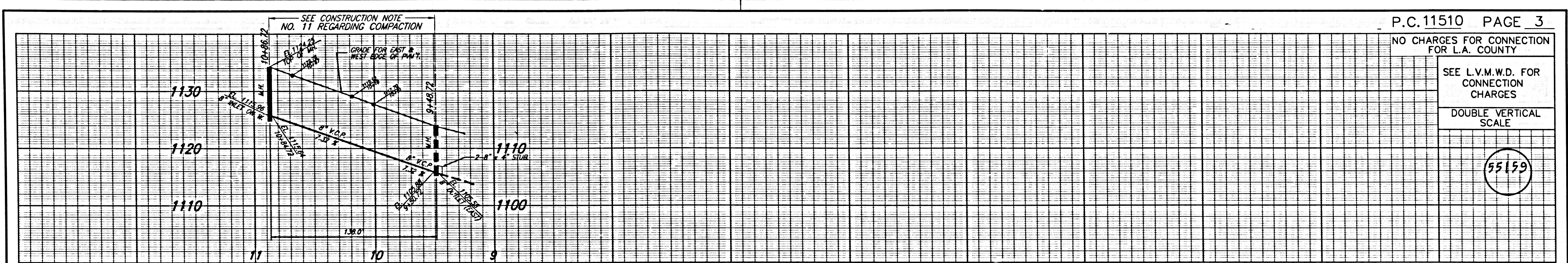
HARRY M. STONE DIRECTOR OF PUBLIC WORKS
 APPROVED BY: LAND DEVELOPMENT DIVISION
 BY: [Signature] 10/14/00
 ASSISTANT DIVISION CHIEF DATE
 SUBMITTED BY: [Signature] 10/11/00
 SUBMITTER PLAN CHECKING SECTION DATE

LAS VIRGENES MUNICIPAL WATER DISTRICT

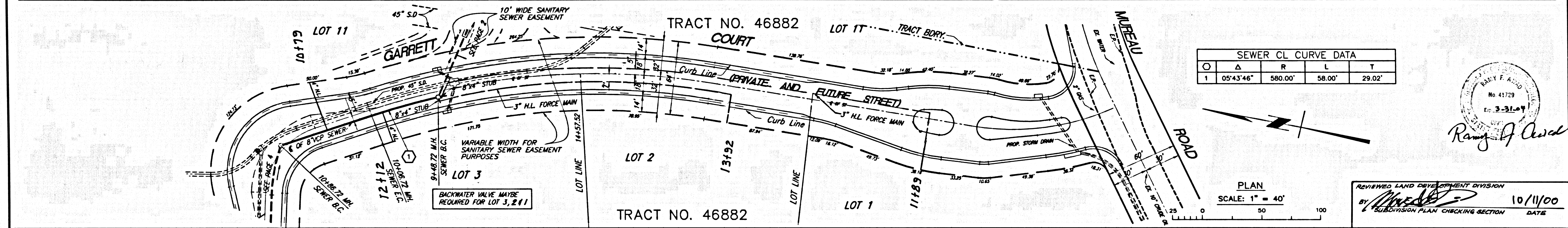
BRIAN WINTAKER PRINCIPAL ENGINEER
 APPROVED BY: [Signature] DATE: 10/13/00



P.C.11510 PAGE 2
 NO CHARGES FOR CONNECTION FOR L.A. COUNTY
 SEE L.V.M.W.D. FOR CONNECTION CHARGES
 DOUBLE VERTICAL SCALE
 55158
 PLAN SCALE: 1" = 40'
 SANITARY SEWER PLANS IN TRACT NO. 46882 PC NO. 11510
 REVISION: [Signature] 10/11/00
 SUBMITTER PLAN CHECKING SECTION DATE
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
 B & E ENGINEERS
 CIVIL ENGINEERING SURVEYING LAND PLANNING
 24 W. ST. JOSEPH STREET
 ANCHADIA, CA 91207-2054
 626-442-4429
 626-444-6564(FAX)
 Ramy J. Patel 9-29-00
 PROJECT ENGINEER DATE

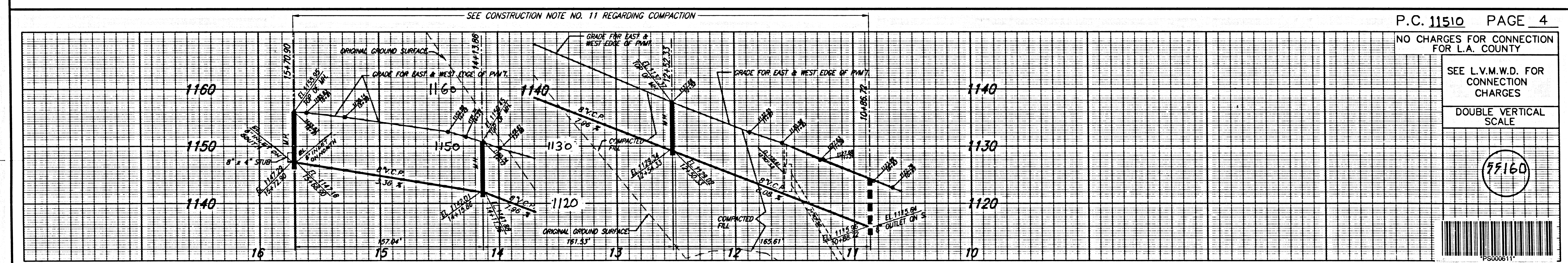


P.C.11510 PAGE 3
 NO CHARGES FOR CONNECTION FOR L.A. COUNTY
 SEE L.V.M.W.D. FOR CONNECTION CHARGES
 DOUBLE VERTICAL SCALE
 55159

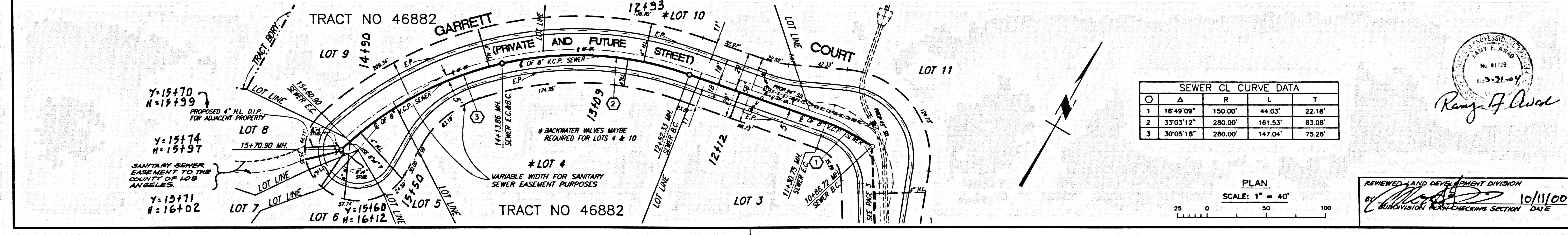


REVIEWED LAND DEVELOPMENT DIVISION
 SUBDIVISION PLAN CHECKING SECTION
 10/11/00
 DATE

P.C. NO. 11210 TR. NO. 46885



P.C.11510 PAGE 4
 NO CHARGES FOR CONNECTION FOR L.A. COUNTY
 SEE L.V.M.W.D. FOR CONNECTION CHARGES
 DOUBLE VERTICAL SCALE
 77160



REVIEWED LAND DEVELOPMENT DIVISION
 SUBDIVISION PLAN CHECKING SECTION
 10/11/00
 DATE

NO. 7 - UNLESS INDICATED, JOB NUMBER WITH MAPAL POINTS SHALL APPLY.