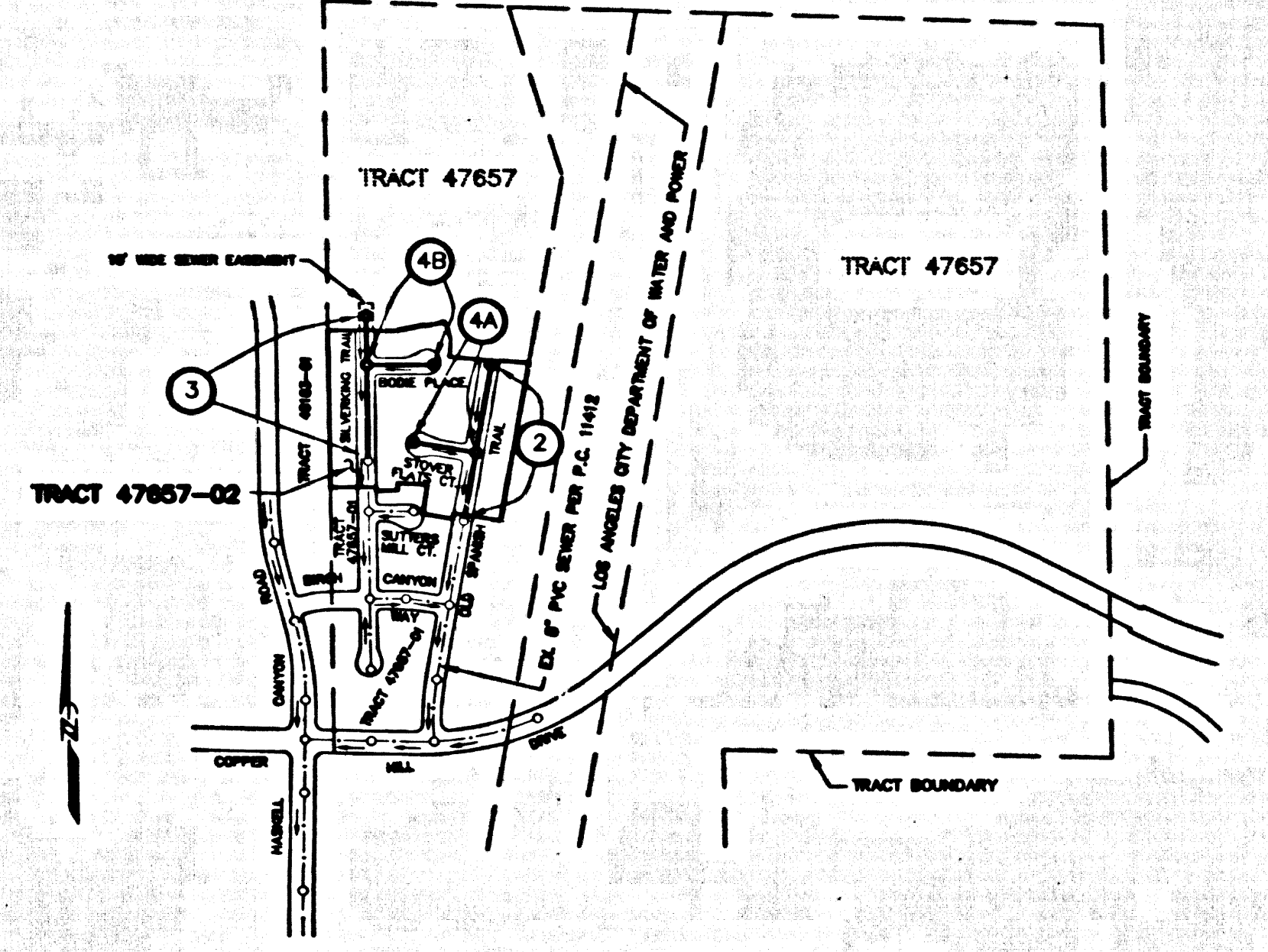


BENCH MARK
 NEWHALL (1995)
 DPW BM TAG IN S CB 14FT W/O BCR AT SW COR
 COPPER HILL DR & HASKELL CYN RD 80FT W AND
 32FT S/O C/L DNT (NR W END C B)
 ELEV. 1376.690 B.M. NO. L 5328



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 street flow, washes, ditches, natural drainage courses, or wind.
- Stockpiles of earth and other construction related materials must be protected from being transported from the site by the forces 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 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.
- Trash and construction-related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersed by wind.
- Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadways 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.

- | | |
|--|---|
| CA01 - DEWATERING OPERATIONS | ES10 - SEEDING AND PLANTING |
| CA02 - PAVING OPERATIONS | ES11 - MILLING |
| CA03 - STRUCTURE CONSTRUCTION AND PAINTING | ES20 - GEOTEXTILES AND MATS |
| CA04 - MATERIAL DELIVERY AND STORAGE | ES21 - DUST CONTROL |
| CA05 - SOLID WASTE MANAGEMENT | ES22 - TEMPORARY STREAM CROSSING |
| CA06 - HAZARDOUS WASTE MANAGEMENT | ES23 - CONSTRUCTION ROAD STABILIZATION |
| CA07 - CONCRETE WASTE MANAGEMENT | ES24 - STABILIZED CONSTRUCTION ENTRANCE |
| CA08 - SANITARY/SEPTIC WASTE MANAGEMENT | ES25 - STORM DRAIN INLET PROTECTION |
| CA09 - VEHICLE AND EQUIPMENT CLEANING | |
| CA10 - VEHICLE AND EQUIPMENT MAINTENANCE | |
| CA11 - SCHEDULING OF EXISTING VEGETATION | |

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

LEGEND	2000-0
MINIMUM PUBLIC SAFETY REQUIREMENTS	4008-0
BRICK MANHOLE	2003-0
STANDARD MANHOLE STEP	2015-0
BEZEL FOR SEWER PIPE	2021-0
CRADLING AND ENCASUREMENT	2023-0
WYE OR TEE SUPPORT	2024-0
ALLOWABLE TRENCH WIDTHS	2027-0
LOCKING MANHOLE FRAME AND COVER	2010-0
NON-REINFORCED PRECAST CONCRETE MANHOLE	2001-0
BREAK INTO EXISTING MANHOLE	2010-0
SPECIAL HOUSE LATERALS	2222-0
EROSION PROTECTION IN STEEP SLOPES	2026-0
ANCHOR BLOCKS	2211-0
JACKING STEEL CASING FOR SEWER PIPE	2028-0
CHIMNEYS	2228-0

* REFERS TO A.P.W.A. STD. DRAWING NO.

CITY OF SANTA CLARITA
 DISCHARGE APPROVAL ONLY

T. BRAD THERRIEN ASST. CITY ENGINEER PE 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 of the Permit Counter, 900 South Front Street, 8th Floor, Alhambra, at least 72 hours prior to starting work under this permit. Copies of 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 excavation 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 construction of the project.
- If work is done in 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.
- 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 pipes or structures 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 amendments 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".
- Deviations 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 curb, centerline of streets, or centerline of alleys 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 down between designated points.
- The private engineer shall furnish the Department of Public Works with grade sheets and stationing for all house laterals and "T" or "I" 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 from the main line sewer except as shown on the plans. House laterals from chimneys shall not have an angle of less than 45 degrees with the main sewer. Any change in alignment shall be requested in writing by the private engineer.
- The private engineer shall furnish the house lateral depth of the property line below the top of curb stationing 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.
- Vertical pipe joints shall be type "D" or "U" per standard specifications section 208-2.
- If a manhole is within three feet of the sewer, the sewer shall be encased per standard plan S-23, case R, two feet on each side from the point of intersection.
- All joints between cast iron pipe and vitrified clay 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.
- Tap or tee branches may be used for connections to the main 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 pipes shall be encased per standard plan S-23, case L, 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.
- Surfaces of trenches within paved areas to meet Los Angeles County Public Works or California State Highway requirements in accordance with the permits.
- Full compliance with section 308-1.3.4. of the standard specification will be required for backfill in street certification of backfill compaction and road elevations by a qualified civil engineer shall be provided by the permittee prior to the issuance of a certificate of partial acceptance.
- All backfill and fill outside of the street right of way shall be compacted to 90% of the maximum density as determined by ASTM soil compaction test D 1557-70 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 unimproved rights of way to be six inches above finished grade.
- Sewers to be tested for leakage per section 308-1/4 of the standard specifications and special provisions.

NO.	REVISION	REVISED BY	APPROVED BY	DATE

54740 PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS

TO BE CONSTRUCTED IN
 TRACT NO. 47657-02 PC NO. 11415
 2 SHEETS: 4 PAGES

COUNTY OF LOS ANGELES CALIFORNIA

HARRY W. STONE DIRECTOR OF PUBLIC WORKS

APPROVED: BUILDING & SAFETY/LAND DEVELOPMENT DIVISION
 BY *Ronald D. Ordolph* 2-16-99
 ASSISTANT CHIEF ENGINEER DATE

SUBMITTED BY *Paul Dawson* 2-11-99
 SUBDIVISION PLAN CHECKING SECTION DATE

APPROVED: COUNTY SANITATION DISTRICT
 OF LOS ANGELES COUNTY
 CHARLES W. CARRY - CHIEF ENGINEER and GENERAL MANAGER

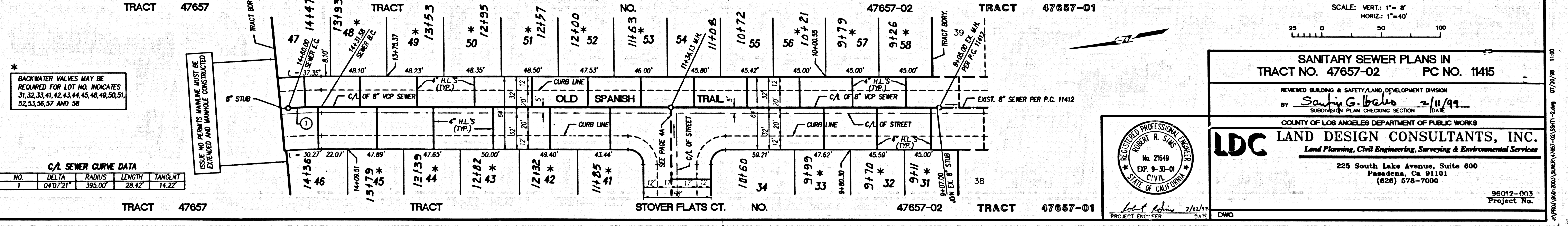
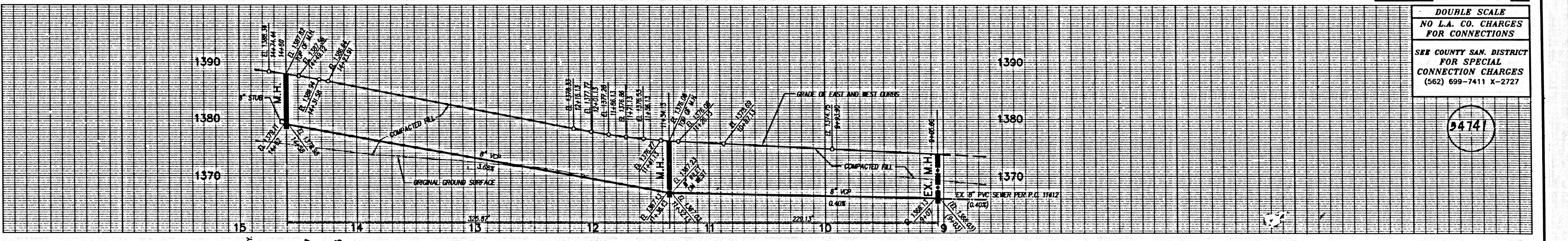
COUNTY SANITATION DISTRICT NO. 26

BY *Anthony E. ...* DATE: 2-17-99
 CHIEF ENGINEER

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. THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THIS MAP. 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 THIS DRAWING. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL TOLL FREE 1-800-422-4133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. RAY CHAMBERS OF GENERAL TELEPHONE COMPANY AT 1-805-348-4671 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

Paul Dawson 7/12/98
 RCE NO. 21647 DATE



P.C. 11415 PAGE 2

DOUBLE SCALE
 NO L.A. CO. CHARGES FOR CONNECTIONS
 SEE COUNTY SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES (562) 699-7411 X-2727

54741

SCALE: VERT. 1" = 8'
 HORIZ. 1" = 40'

SANITARY SEWER PLANS IN
 TRACT NO. 47657-02 PC NO. 11415

REVISED BUILDING & SAFETY/LAND DEVELOPMENT DIVISION
 BY *Sandy G. Ibrado* 2/11/99
 SUBDIVISION PLAN CHECKING SECTION DATE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

LDC LAND DESIGN CONSULTANTS, INC.
 Land Planning, Civil Engineering, Surveying & Environmental Services

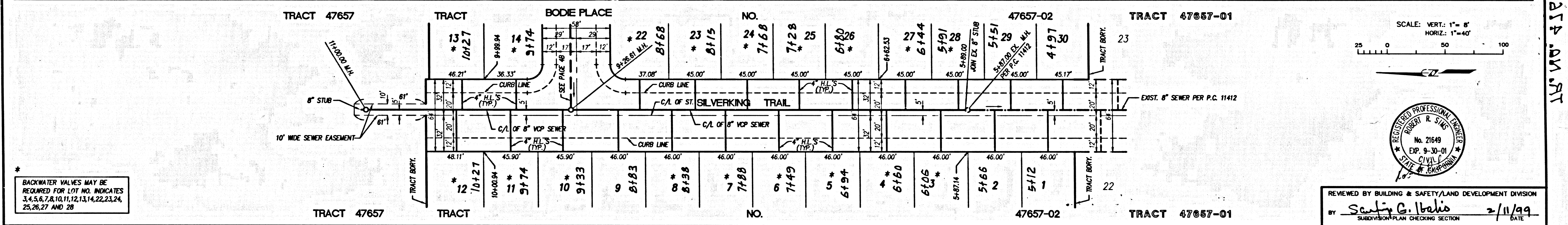
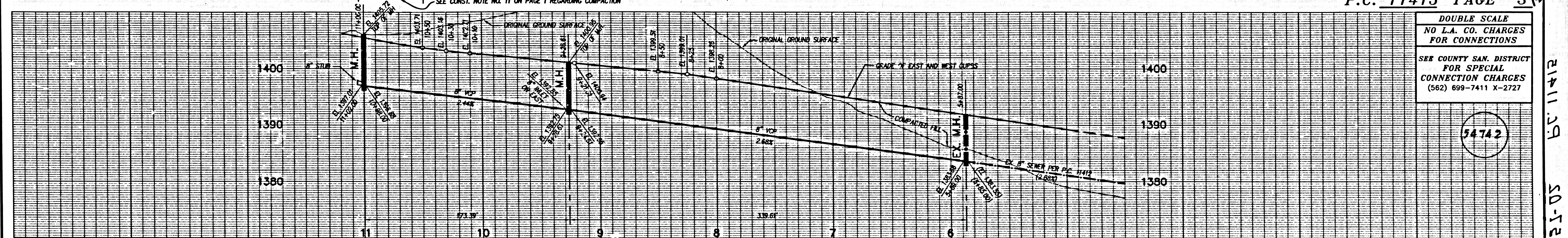
225 South Lake Avenue, Suite 600
 Pasadena, Ca 91101
 (626) 578-7000

96012-003
 Project No.

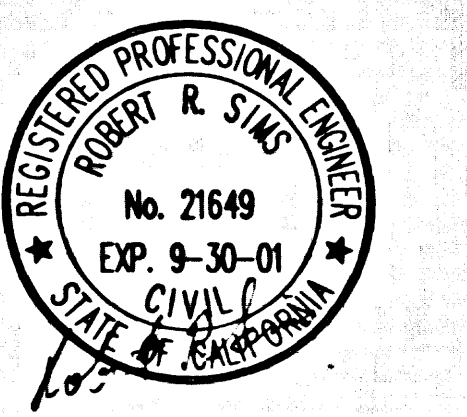
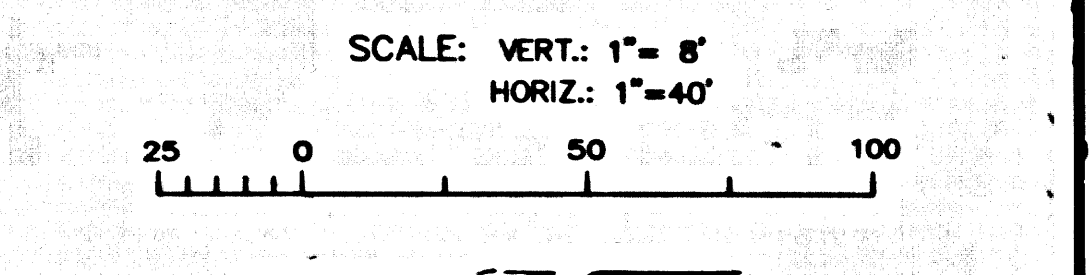
REGISTERED PROFESSIONAL ENGINEER
 No. 21649
 EXP. 9-30-01
 CIVIL
 STATE OF CALIFORNIA

Paul Dawson 7/12/98
 PROJECT ENGINEER DATE

11411 29 5072274 0M RT

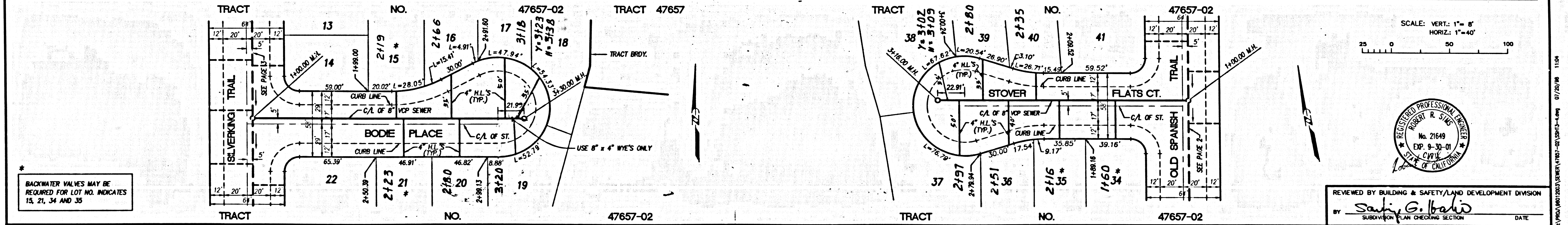
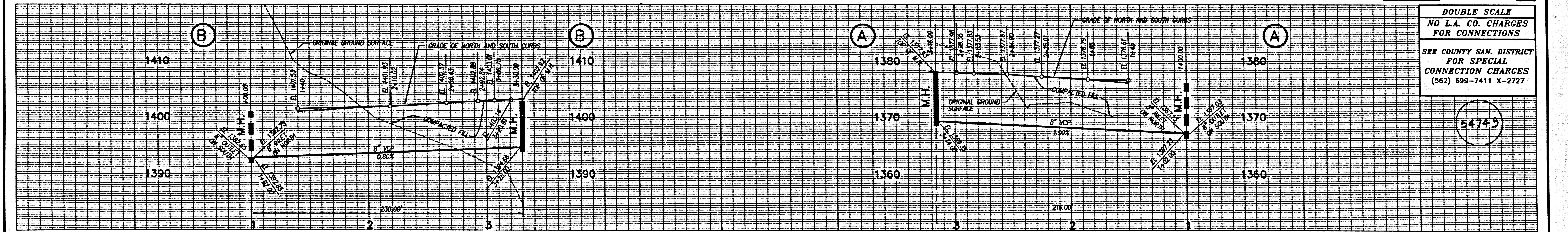


* BACKWATER VALVES MAY BE REQUIRED FOR LOT NO. INDICATES 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 22, 23, 24, 25, 26, 27 AND 28

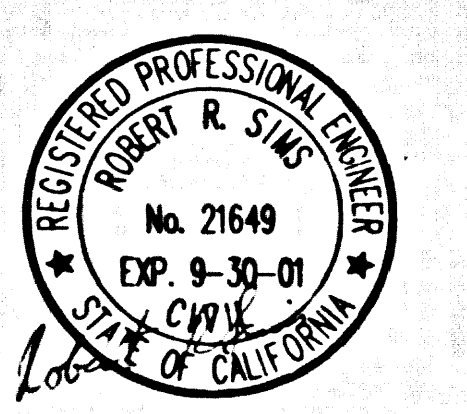
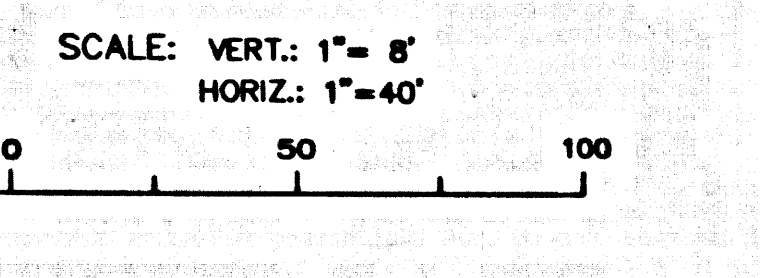


REVIEWED BY BUILDING & SAFETY/LAND DEVELOPMENT DIVISION
 BY Sandy G. Balis 2/11/99
 SUBDIVISION PLAN CHECKING SECTION DATE

P.C. 11415 PAGE 3



* BACKWATER VALVES MAY BE REQUIRED FOR LOT NO. INDICATES 15, 21, 34 AND 35



REVIEWED BY BUILDING & SAFETY/LAND DEVELOPMENT DIVISION
 BY Sandy G. Balis
 SUBDIVISION PLAN CHECKING SECTION DATE

P.C. 11415 PAGE 4