

**SPECIAL BACKFILL IN EASEMENT CONSTRUCTION**  
 a. BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE BUILDING AND SAFETY DIVISION.  
 b. ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STANDARD METHOD OF TEST D698-57T AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE DESIGN DIVISION.

**REVISION NR. 1 DATE 9-15-80**  
 PAGE 3 - REVISED PROFILE FROM STATION 8+81 THRU 11+70.60. ADDED MH @ 8+83, DELETED MH @ 10+25.1. SHALLOW MH @ 11+32.64. SENIOR EASEMENT ADDED FOR SHALLOW SEWER FROM 9+50 THRU 11+65.64.  
 PAGE 4 - REVISED PROFILE FROM STATION 0+00 THRU 9+45. ADDED ENGAGEMENT FOR SHALLOW SEWER FROM 0+00 THRU 1+50. -B) REVISE MH @ 7+00 TO BE RELOCATED TO 6+75.  
 APPROVED Ralph David Jewett 9/15/80  
 OFFICE OF COUNTY ENGINEER

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 742-1625 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 GRANTED BY THE SANITATION DISTRICT FOR SAID CONNECTION.

ISSUE NO PERMITS UNTIL EASEMENT FROM THE DEPARTMENT OF WATER AND POWER OF LOS ANGELES CITY HAS BEEN RECORDED.

- GENERAL NOTES:**
1. REVISIONS ARE BY REFERENCE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
  2. NO BYPASS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
  3. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
  4. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED WATER POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
  5. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "Y" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THREE 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 HAVE AN ANGLE OF LEAN TAKEN UP WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
  6. 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.
  7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 1, AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 8, VERMONT, ROOM 408, REGIONAL OFFICE, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
  8. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 128 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
  9. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION 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 7-16.4.3 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY BARRELS.

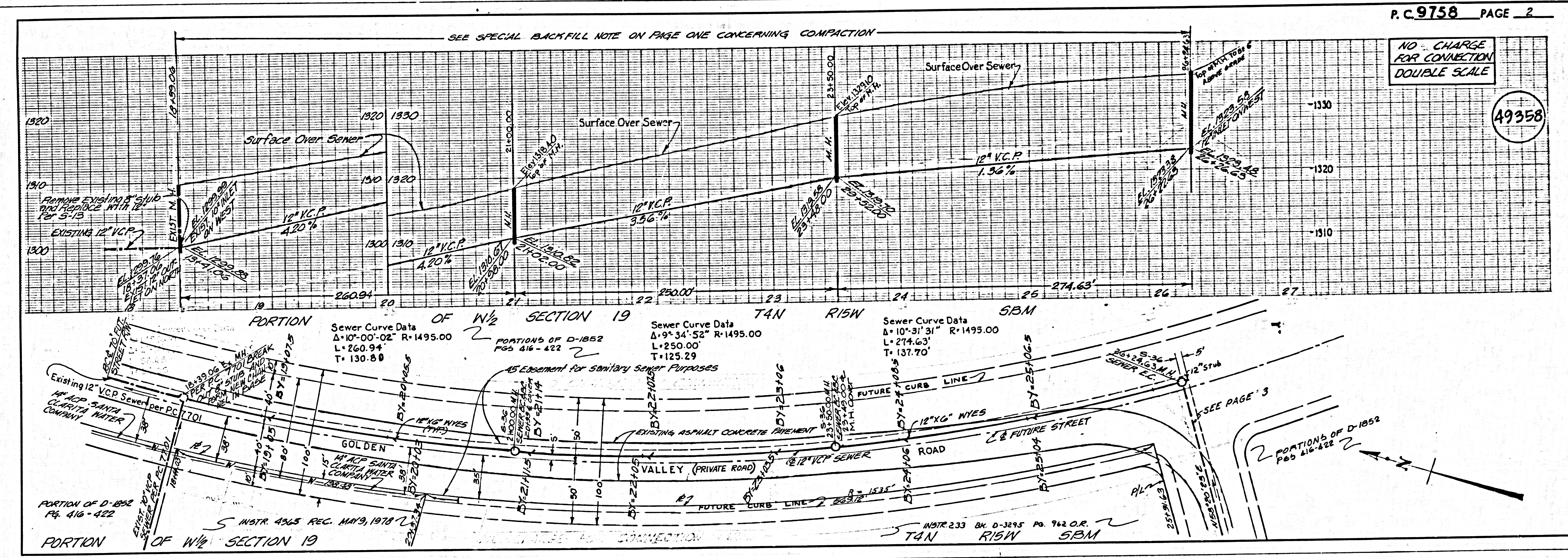
- CONSTRUCTION NOTES:**
1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1976 EDITION WITH SUPPLEMENTARY AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPT. 21, 1976. AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
  2. THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION, 750-2756, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
  4. WYE OR T BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
  5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 8-3 OR PRECAST CONCRETE MANHOLES PER 8-2.4, EXCEPT AS NOTED.
  6. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PROXIMATE TO RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
  7. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
  8. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", "C" OR "D" PER STANDARD SPECIFICATIONS SECTION 300-2.
  9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 8-2.2, 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 FOUR 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 8-2.2, 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 SLEEVE JOINT, TYPE "C" OR "D", WITH RAINING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 300-2.
  12. REFER TO THE TESTS FOR LEAKAGE PER SECTION 300-4.1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
  13. INSURE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  14. FULL COMPLIANCE WITH SECTION 306-1.3.5 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF SUFFICIENT COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
  15. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF WATER AND POWER AT (213) 481-6794 AND AT 481-6196 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ON THE RIGHT-OF-WAY.

DOUBLE SCALE PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS** PAGE 1  
 TO BE CONSTRUCTED IN  
**GOLDEN VALLEY ROAD & R/W**  
**PRIVATE CONTRACT NO. 9758**  
 W.S. 62  
 3 SHEETS, 6 PAGES  
 49357  
 SCALE: VERT. 1"=8'  
 HORIZ. 1"=40'  
 OCTOBER, 1979  
 PREPARED IN THE OFFICES OF  
 RIDGON & ASSOCIATES CIVIL ENGINEER, LAND SURVEYORS  
 8138 FOOTHILL BLVD. P.O. BOX 280 SUNLAND CA. 91040  
 (213) 352-1476  
 BY: Ronald B. Mank  
 REG. C. E. No. 29506

THE FOLLOWING LATEST REVISION STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

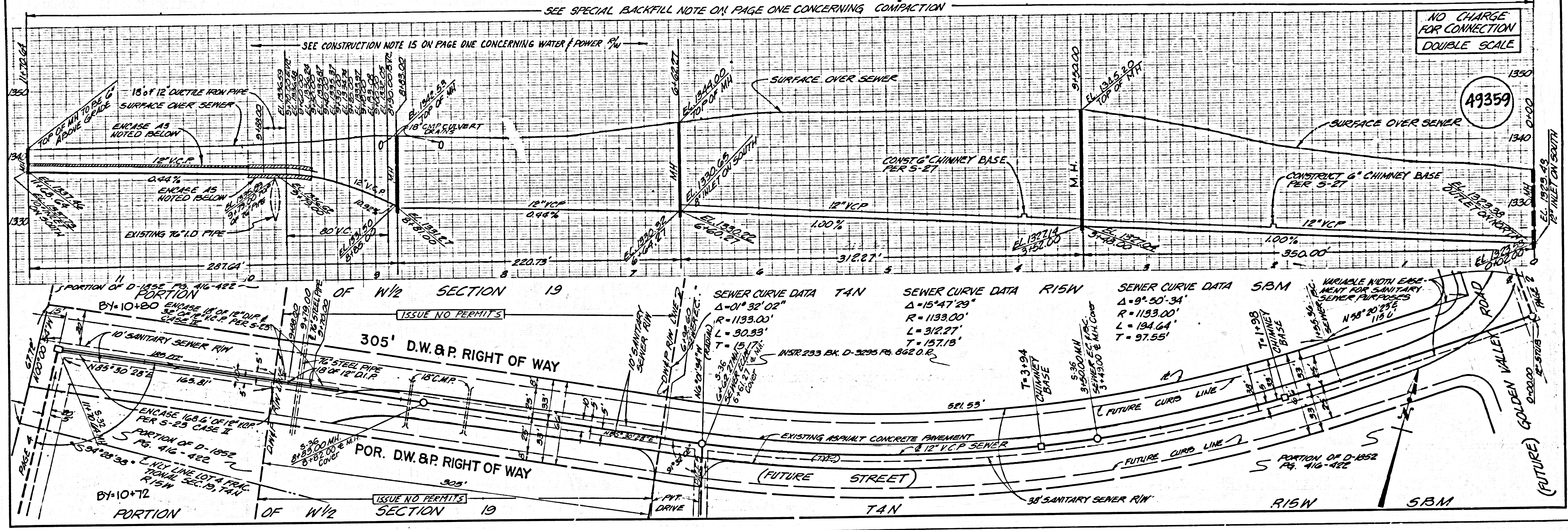
LEADS	8-7
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-2
BRICK MANHOLES	8-2
STANDARD MANHOLE STEP	8-2
STAKING FOR SEWER PIPE	8-2
CAULKING AND ENCASING	8-2
WYE OR T BRANCHES	8-2
ALTERNATE TRENCH WIDTHS	8-2
LOADING MANHOLES FRAME AND COVER	8-2
HOUSEHOLD PRECAST CONCRETE MANHOLE	8-2
CHIMNEY PIPE AND BASE	8-2
BEARING INTO EXISTING MANHOLE	8-2
RECTANGULAR SHALLOW MANHOLE	8-7

COUNTY OF LOS ANGELES, CALIFORNIA  
 STEPHEN J. KOONCE COUNTY ENGINEER  
 APPROVED: Mark R. Murphy 7-2-80  
 CHECKED: Dee E. Johnson 7-1-80  
 REG. C. E. No. 25559  
 SANTA CLARITA VALLEY BLDG. DIST. 8.2



NO CHARGE FOR CONNECTION DOUBLE SCALE

49359



SEE SPECIAL BACKFILL NOTE ON PAGE ONE CONCERNING COMPACTION

SEE CONSTRUCTION NOTE 15 ON PAGE ONE CONCERNING WATER POWER 9/4

ISSUE NO PERMITS

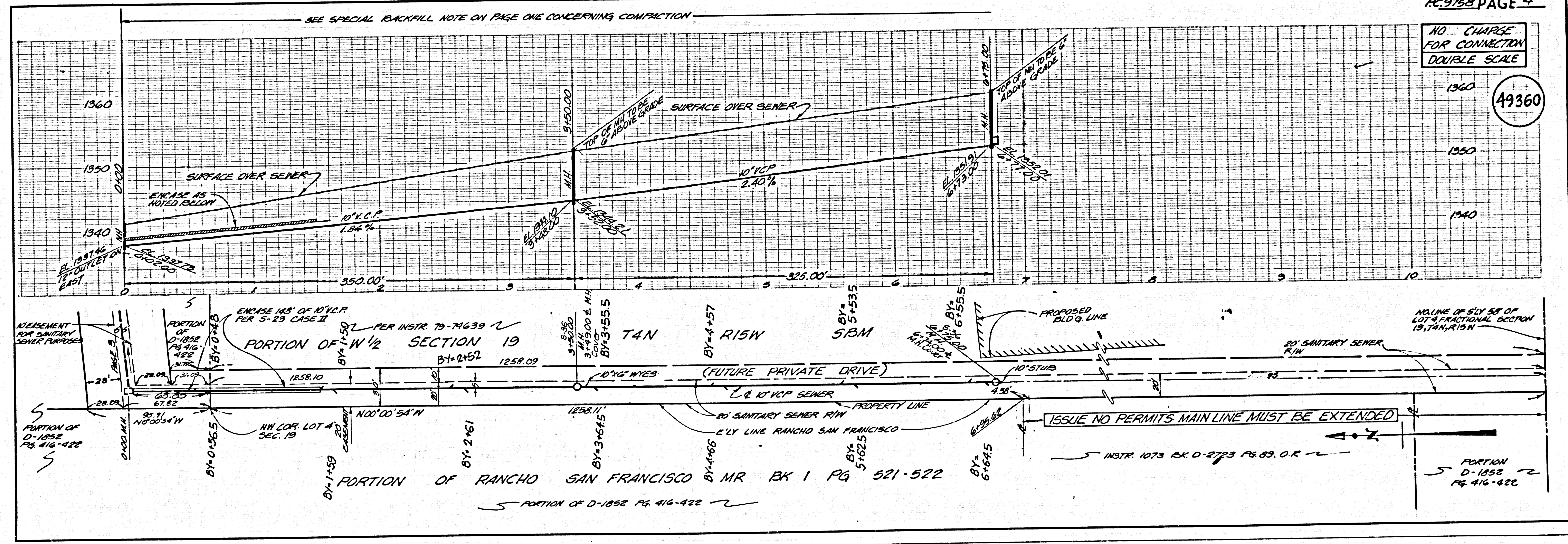
305' D.W. & P. RIGHT OF WAY

POR. DW. & P. RIGHT OF WAY

SEWER CURVE DATA TAN	SEWER CURVE DATA R15W	SEWER CURVE DATA SBM
$\Delta = 01^{\circ} 32' 02''$	$\Delta = 15^{\circ} 47' 29''$	$\Delta = 9^{\circ} 50' 34''$
$R = 1133.00'$	$R = 1133.00'$	$R = 1133.00'$
$L = 30.33'$	$L = 312.27'$	$L = 134.64'$
$T = 15.17'$	$T = 157.13'$	$T = 97.55'$

NO CHARGE FOR CONNECTION DOUBLE SCALE

49360



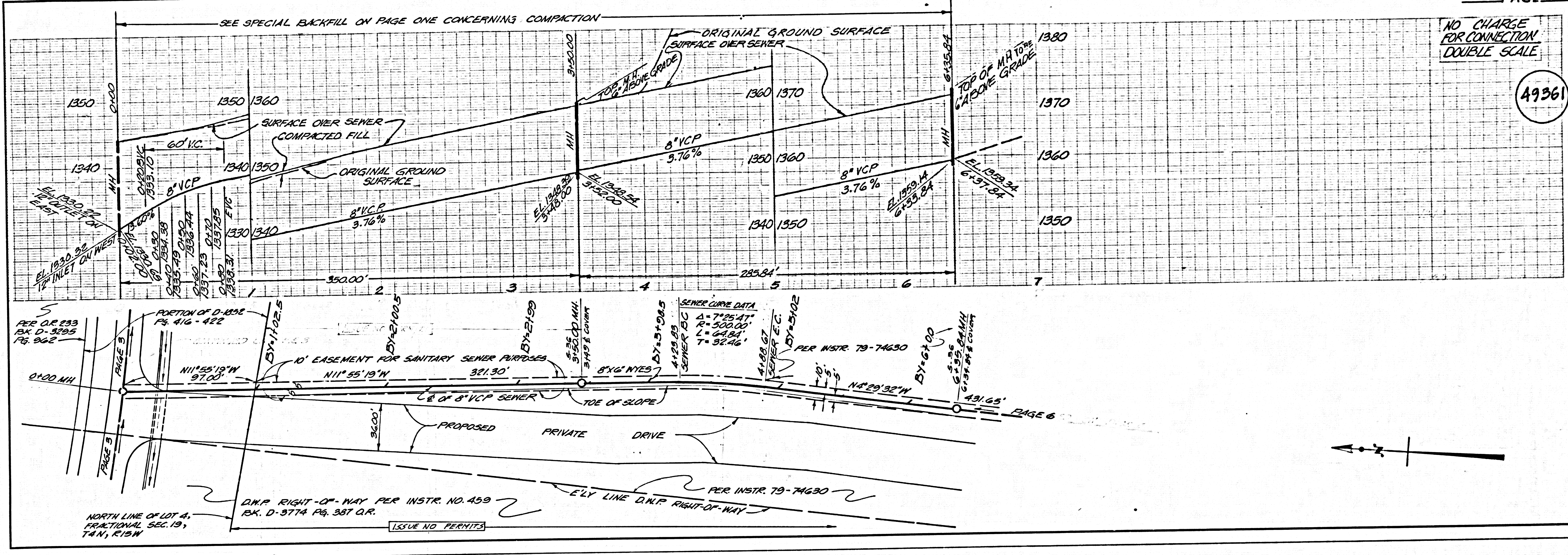
SEE SPECIAL BACKFILL NOTE ON PAGE ONE CONCERNING COMPACTION

ISSUE NO PERMITS

ISSUE NO PERMITS MAIN LINE MUST BE EXTENDED

NO CHARGE FOR CONNECTION DOUBLE SCALE

49361



NO CHARGE FOR CONNECTION DOUBLE SCALE

49362

