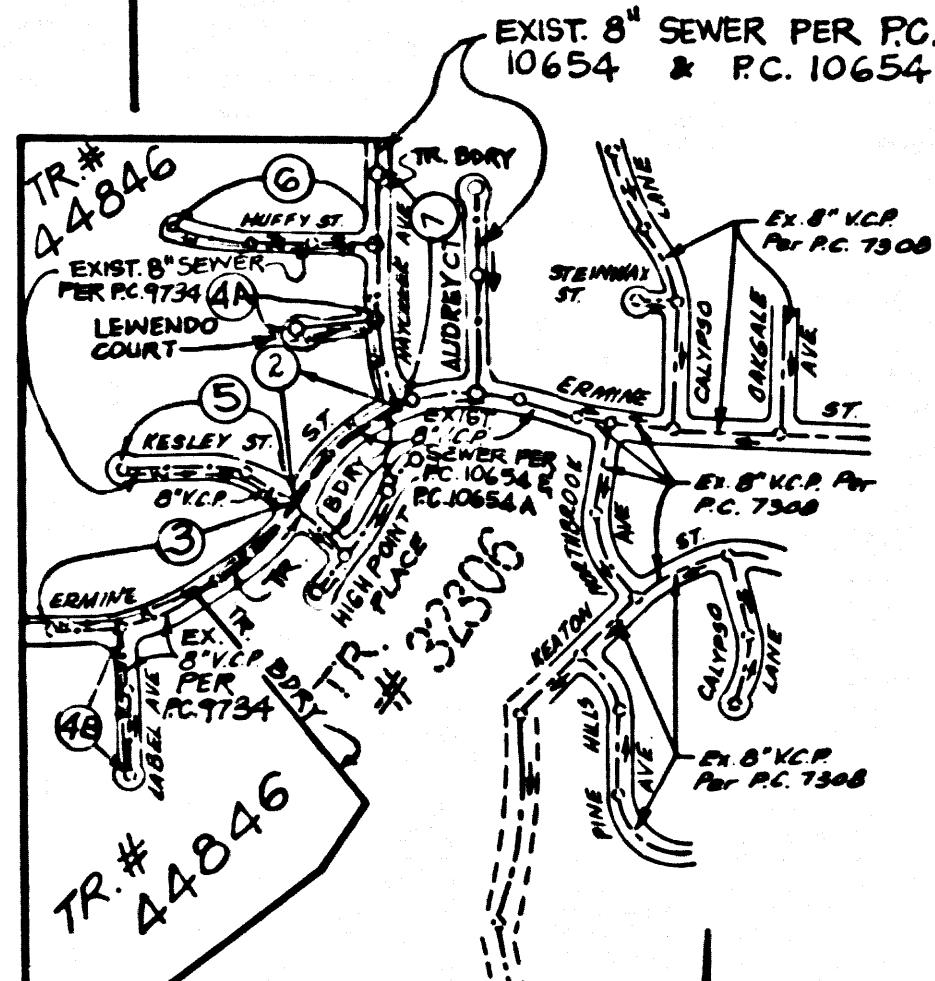


B.M. CL 5059 ELEV 1612.109  
L & R IN S. CD 5 FT. E/D BCR & SE  
COR STEINWAY ST & LANGSIDE  
AVE 18 FT 3 & 50 FT. E Q/L INT.  
STMPD (B.M.)  
NEWHALL (B.M.)  
QUAD. 19 83



INDEX MAP  
SCALE 1"=400'  
P.C. 10695  
TRACT NO. 44846

**DOUBLE SCALE**  
STANDARD PLANS

- SADDLES FOR HOUSE LATERALS S-28
- SPECIAL HOUSE LATERALS S-25
- EROSION PROTECTION IN STEEP SLOPES S-31
- ANCHOR BLOCK S-24
- CHIMNEY S-27

CONSTRUCTION NOTES CONT'D.

6. FULL COMPLIANCE WITH PART IV OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE.
17. MANHOLE WATER STOP GASKETS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
18. A.B.S. SOLID WALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.
19. A.B.S. COMPOSITE PIPE SHALL BE BEDED IN CONFORMANCE WITH TABLE IN SECTION B-3.1 OF PART IV OF THE SPECIAL PROVISIONS.
20. THREE DEGREE DEFLECTION COUPLERS ARE REQUIRED RADIUS OF CURVATURE LESS THAN 390 FEET WHEN USING 8" A.B.S. COMPOSITE PIPE.
21. NO CONNECTIONS FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A.B.S. COMPOSITE PIPE IS USED.
22. SEWER LINE CURVATURE SHALL NOT BE ACHIEVED BY PULLING OF JOINTS OR BEVELING PIPE ENDS WHEN USING PLASTIC PIPE INCLUDING A.B.S. COMPOSITE PIPE.
23. ALL WYES AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.
24. A.B.S. SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MAINLINE SEWER.
25. ONLY WYE BRANCHES ARE TO BE USED FOR CONNECTION TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.

NOTE:  
NUMBER IN CIRCLE  
INDICATES PAGE  
NUMBER

ISSUE NO HOUSE CONNECTION PERMITS UNTIL P.C. 10654 AND P.C. 10654-A HAS BEEN ACCEPTED FOR PUBLIC USE BY THE COUNTY OF LOS ANGELES

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.

GENERAL NOTES:

1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
3. NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS 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 CURBS, CENTER LINE OF STREETS OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PLANS. STALL POINTS BETWEEN DESIGNATED POINTS SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
5. THE PRIVATE ENGINEER SHALL FURNISH THE PROPERTY STAKES FOR THE WORK AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAINLINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT TAKE AN ANGLE OF LESS THAN 45° WITH THE MAINLINE 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 CONSTRUCTION DIVISION OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS, DISTRICT OFFICE NO. 2, AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 2550 ALCAZAR ST., LOS ANGELES, CALIFORNIA 90058 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, 120 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 OF 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 7.18.4.1 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 DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE COUNTY DIV. OF THE DEPARTMENT OF PUBLIC WORKS, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, A DIVISION OF INDUSTRIAL SAFETY AND CERTIFICATION, AND A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, A DIVISION OF INDUSTRIAL SAFETY AND CERTIFICATION. WORKS SHALL BE NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED IN ADVANCE PRIOR TO CANCELLATION OF PERMIT.

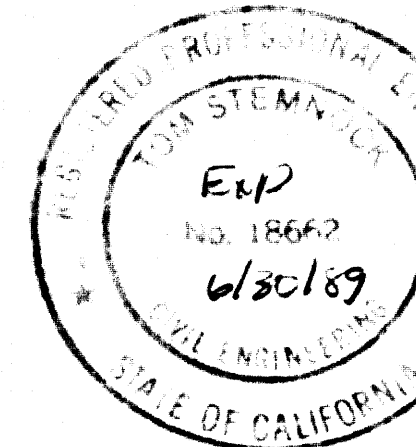
CONSTRUCTION NOTES:

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1986 EDITION WITH 1987 SUPPLEMENTS) AND PART OF PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 11/18/87. THIS WORK SHALL BE PROTECTED ONLY BY THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS STAKE AND STATIONING.
2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 288-8281 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS ARE TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
4. WYE OR TEE BRANCHES ARE TO BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER D-5 OR PRECAST CONCRETE MANHOLES PER D-3, EXCEPT AS NOTED.
6. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
7. MANHOLE PIPE IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
8. WITHIN CLAY PIPE JOINTS SHALL BE THE TOP OF OR PER STANDARD SPECIFICATIONS SECTION 206.2.
9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER D-3, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
10. IF REQUIRED RECORDS OF CONSTRUCTION ARE 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 INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER D-3, CASE I UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND WITHIN CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH RUBBERING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 206.2.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 206.1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO THE NEAREST LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
14. FULL COMPLIANCE WITH SECTION 206.1.3.8 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACK FILL WITH STREETS CERTIFICATION OF BACKFILL 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. SPECIAL BACKFILL IN EASEMENT CONSTRUCTION (IN BACKFILL TRENCH AND REPLACE OTHER EARTH) SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THE DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION. (IF ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM 90 PERCENT OF MAXIMUM DENSITY PER ASTM METHOD OF TEST D998 87 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, DEPARTMENT OF PUBLIC WORKS.

PROFILE ALIGNMENT AND GRADE OF  
**SANITARY SEWERS**

TO BE CONSTRUCTED IN  
**TRACT NO. 44846**

**PRIVATE CONTRACT NO. 10695**  
INDEX: A-72 ~ C-1, 2  
4 SHEETS; 7 PAGES

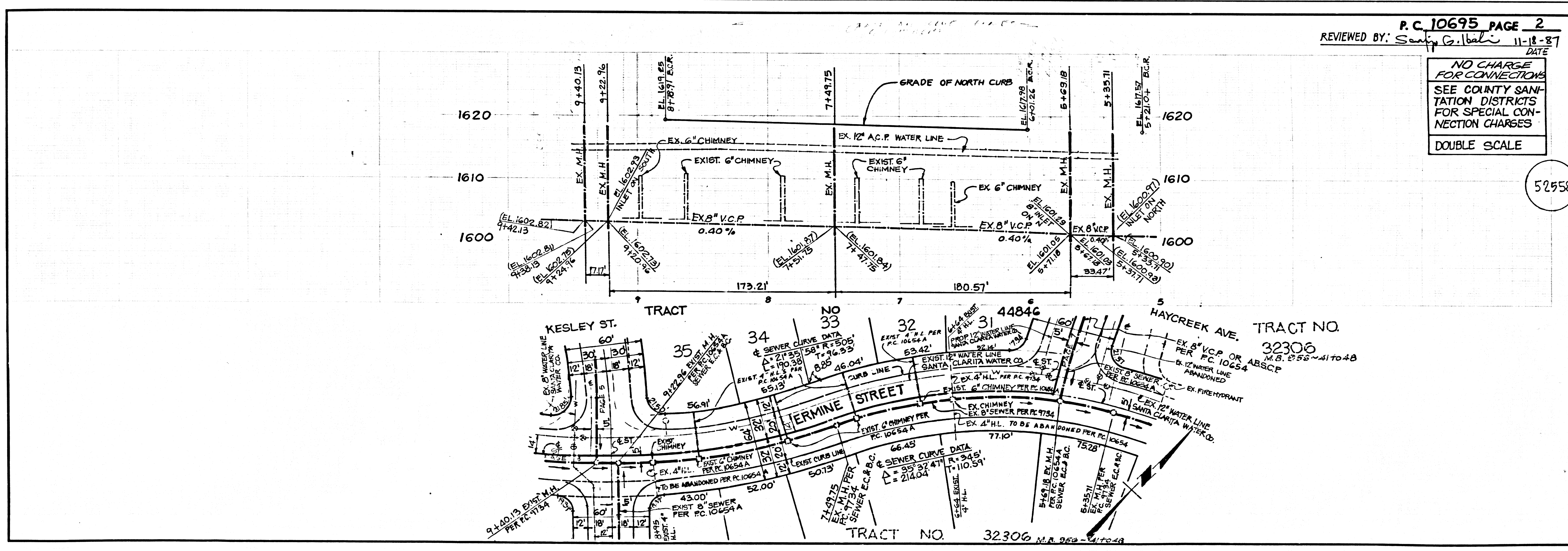


SCALE: VERT. 1"=8'  
HORIZ. 1"=40'  
DECEMBER, 1986  
PREPARED IN THE OFFICES OF  
**ENGINEERING TECHNOLOGY INC.**  
1418 MAGNOLIA BOULEVARD  
SHERMAN OAKS, CALIFORNIA 91309  
REG. C.E. NO. 18662

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:

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COUNTY OF LOS ANGELES, CALIFORNIA  
THOMAS A. TIDEMANSON  
DIRECTOR OF PUBLIC WORKS  
APPROVED: *Deon Ellis* 11/18/87 (DATE) APPROVED: *Charles W. Carry* 11/18/87 (DATE)  
CHECKED: *[Signature]* 11/18/87 (DATE)  
REG. C.E. NO. 18662  
SANTA CLARITA VALLEY BLDG. DIST. 82



P.C. 10695 PAGE 2  
REVIEWED BY: *Sandy G. Bal* 11-18-87 DATE

NO CHARGE FOR CONNECTIONS  
SEE COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES  
DOUBLE SCALE

TRACT NO. 44846 P.C. 10695

52558

11/18/87







