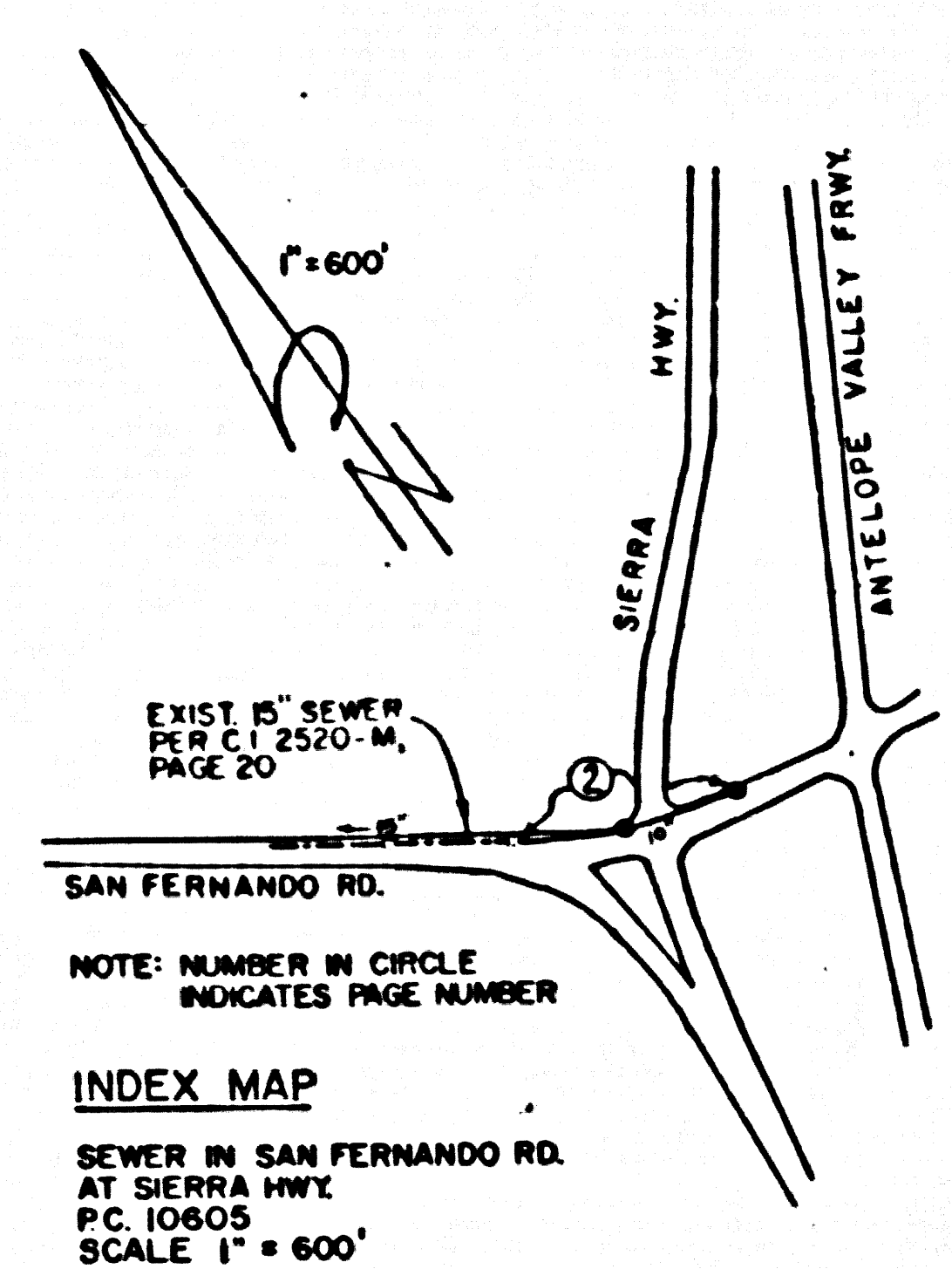


S.M. # 3747 (L.A.C.R.D.) E.L.F. 1386.430
 RDM TAG IN CB 2FT E BCR 52FT N 8
 57FT E C/L SIERRA HWY 8
 SAN FERNANDO RD

NEWHALL QUAD 19-78



NOTE: NUMBER IN CIRCLE INDICATES PAGE NUMBER

INDEX MAP
 SEWER IN SAN FERNANDO RD.
 AT SIERRA HWY.
 P.C. 10605
 SCALE 1" = 600'

REVISION NR Δ DATE: 12-03-87
 RELOCAT. MANHOLE TO STA 50+90. CHANGE
 GRADIENT OF 10" V.C.P. SEWER TO 2" W/6. FROM STA.
 50+36 TO STA. 54+28. ADD HORIZONTAL CURVE
 FROM STA. 50+92 TO STA. 58+49.08.
 ADD EXIST UTILITIES, 12" WATER MAIN.

APPROVED: *Sally G. Holt* 12-22-87
 PUBLIC WORKS DEPT. DATE

REVISION NR Δ DATE: 7-15-87
 CHANGE 15" V.C.P. SEWER TO
 10" V.C.P. SEWER FROM STA. 48+36
 TO STA. 54+30

APPROVED: *Sally G. Holt* 7-15-87
 PUBLIC WORKS DEPARTMENT

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.

DOUBLE SCALE

GENERAL NOTES:

- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN LEVY: DATUM OF 1988.
- 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.
- BRANCHES TO WHICH THIS ENVIRONMENT IS TO BE CONSTRUCTED - SEE CIRCLES ON PLANS AND PROVIDE GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS OR CENTER LINE OF ALLEYS AS SHOWN BY CIRCLES ON PROFILES. ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE OR CURVE BETWEEN DESIGNATED POINTS.
- THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH BRANCH SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y" OR "T" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS BY 8:30 AM ON THE DAY OF CONSTRUCTION. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A TIGHT ALIGNMENT AT RIGHT ANGLES TO THE MAIN LINE AND BE REEF EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CURBS SHALL NOT HAVE AN ANGLE OF LESS THAN 90 DEGREES. THE MAIN LINE SHALL BE REEF EXCEPT AS SHOWN IN WRITING BY THE PRIVATE ENGINEER.
- 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.
- BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE COUNTY ENGINEER OF PUBLIC WORKS DEPARTMENT OF PUBLIC WORKS, 1500 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA 90015. THE PERMIT FEE IS \$100.00 AND IS PAYABLE TO THE DIRECTOR OF PUBLIC WORKS, 2500 ALCAZAR ST., LOS ANGELES, CALIFORNIA 90007 TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORDING PLANS.
- WORK IS TO BE DONE IN ACCORDANCE WITH THE PERMIT OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 150 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA 90015.
- APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE 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.
- REFER TO SECTION 7.18.4.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
- BEFORE THE BALANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE COUNTY STREETS FROM THE COUNTY ENGINEER OF PUBLIC WORKS DEPARTMENT OF PUBLIC WORKS, 1500 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA 90015. THE PERMIT FEE IS \$100.00 AND IS PAYABLE TO THE DIRECTOR OF PUBLIC WORKS, 2500 ALCAZAR ST., LOS ANGELES, CALIFORNIA 90007 TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORDING PLANS.

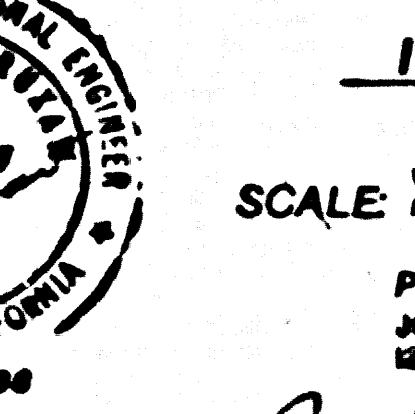
CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1988 EDITION WITH 1986 SUPPLEMENTS) AND COUNTY ENGINEER SPECIFICATIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPT. 21, 1978.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 228-8811, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERT AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 8-3 OR PRECAST CONCRETE MANHOLES PER 8-3L EXCEPT AS NOTED.
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE 6 INCHES ABOVE FINISHED GRADE.
- WITHEDED CLAY PIPE JOINTS SHALL BE TYPE "C" OR "D" PER STANDARD SPECIFICATIONS SECTION 80-6.
- IF JOINTS ARE TO BE WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 8-3L CASE II TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- 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 8-3L CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL JOINTS BETWEEN CAST IRON PIPE AND WITHEDED CLAY PIPE SHALL BE MADE WITH A RUBBER BELL GASKET TYPE "C" OR "D" WITHIN FINISHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 80-6.
- BEFORE TO BE TRENCH FOR LEAKAGE PER SECTION 80-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- REQUIRE ALL WORKERS WITHIN RIGHTS OF WAY TO WEAR LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 206-13.4 OF THE STD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL CONTRACTOR AND SAND EQUIVALENTS BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE BALANCE OF A CERTIFICATE OF FINISHING.
- SPECIAL BACKFILL IN EXISTING CONSTRUCTION IS BACKFILL TRENCH AND REPLACE OTHER BACKFILL SO AS TO ACHIEVE THE ORIGINAL FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THE DEVELOPMENT BY THE BUILDING AND SAFETY DIVISION. IN ALL BACKFILL AREAS WITHIN RIGHTS OF WAY SHALL BE CONFINED TO A MINIMUM OF 50% OF MAXIMUM DENSITY PER A.S.T.M. METHOD OF TEST D959 87 AS NOTED. ACCEPTABLE CERTIFICATION OF SUCH CONSTRUCTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPARTMENT.

PROFILE ALIGNMENT AND GRADE OF PAGE 1

SANITARY SEWERS
 TO BE CONSTRUCTED IN
SAN FERNANDO RD. AT SIERRA HWY.

PRIVATE CONTRACT NO. 10605
 A-27
 1 SHEET ; 2 PAGES.



SCALE: VERT 1" = 4'
 HORIZ 1" = 60'

51992

FEBRUARY 17, 1987

PREPARED IN THE OFFICES OF
 JOSEPH C. TRIGLER & ASSOCIATES, INC.
 2548 ELMER PLACE, ANAHEIM, CA 92801
 BY: *Joseph C. Trigler*
 REG. C.E. NO. 11117

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

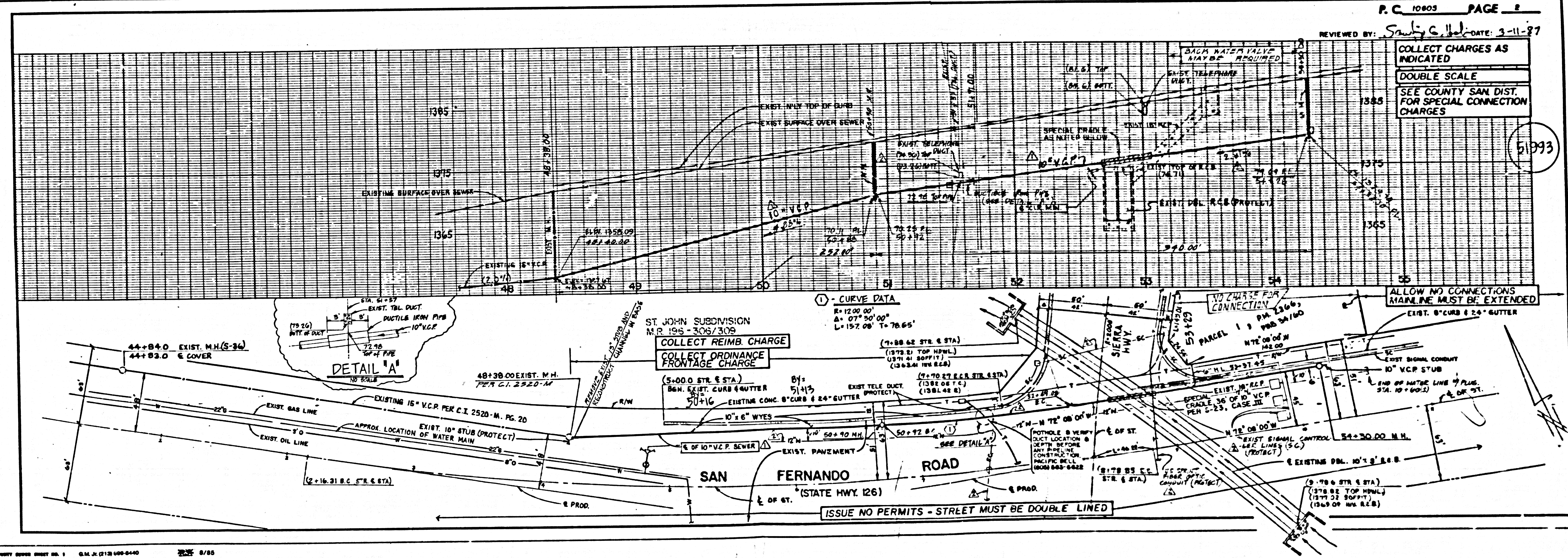
LEGEND	8-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-2
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STANDARD MANHOLE STEP	8-17
RECORDING FOR SEWER PIPE	8-27
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ALLOWABLE TRENCH WIDTHS	8-30
LOCKING MANHOLE FRAME AND COVER	8-31
NON-REINFORCED PRECAST CONCRETE MANHOLE	8-32

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON
 DIRECTOR OF PUBLIC WORKS

APPROVED: *Carl A. Blum* 3/12/87 (DATE)
 CHECKED: *Sally G. Holt* 3/12/87 (DATE)
 REG. C.E. NO. 16841

CHARLES W. CARRY
 CHIEF ENGINEER
 00 SAN DIST. NO. 10605
 APPROVED: *Charles W. Carry* 3/14/87 (DATE)
 REG. C.E. NO. 16841

SANTA CLARITA VALLEY BLDG. DIST. 8-2



P.C. 10605 PAGE 2

REVIEWED BY: *Sally G. Holt* DATE: 3-11-87

COLLECT CHARGES AS INDICATED

DOUBLE SCALE

SEE COUNTY SAN. DIST. FOR SPECIAL CONNECTION CHARGES

51993

C-3