

# SANITARY SEWERS

TO BE CONSTRUCTED IN

## TRACT NO. 43774

### PRIVATE CONTRACT NO. 10471

INDEX A-68

2 SHEETS; 4 PAGES

52105

SCALE: VERT. 1"=4' HORIZ. 1"=40' OCTOBER, 1985

PREPARED IN THE OFFICES OF  
**JENNINGS ENGINEERING COMPANY**  
7144 CALLEJA BL., VAN NUYS CA. 91406 (818) 785-1778  
BY: Walter A. Jennings  
REG. C.E. NO. 13168

#### GENERAL NOTES:

- 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 DEPARTMENT OF PUBLIC WORKS.
- NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- GRADE 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 OR TRIANGLES 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 "Y" OR "T" 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 LATERAL "Y" OR "T" BRANCHES SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED 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.
- ALTHOUGH WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LA COUNTY ROAD DEPT. DISTRICT OFFICE NO. 5 AND PAY A FEE TO THE DEPARTMENT OF PUBLIC WORKS, 800 S. VERMONT AVENUE, LOS ANGELES, CA 90005. TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- IF WORK IS TO BE DONE IN A STATE HIGHWAY AREA, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
- 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 110.41 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
- 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 LOS ANGELES COUNTY ROAD DEPARTMENT. A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 800 SOUTH VERMONT AVE. 404, LOS ANGELES, CALIFORNIA 90005, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

#### CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1985 EDITION) WITH SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED: 2/27/81, 11/17/78 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 226-8201 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 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 8-23 OR PRECAST CONCRETE MANHOLES PER 8-28, 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 AREAS MAY BE SIX INCHES ABOVE FINISHED GRADE.
- WITHEFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 208-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 8-28 CASE 1 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 SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 8-28 CASE 1 UNLESS OTHERWISE APPROVED BY THE DEPARTMENT OF PUBLIC WORKS.
- ALL JOINTS BETWEEN CAST IRON PIPE AND WITHEFIED CLAY PIPE SHALL BE MADE WITH A RUBBER BLEEVE JOINT, TYPE "C" OR "D" (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS, SECTION 208-2.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 208-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LA COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 208-1.2.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN 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.
- SPECIAL BACKFILL IN EASEMENTS: CONSTRUCTION IN BACKFILL TRENCH AND REFLECT 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 100% DENSITY PER A 15' STD. METHOD OR TEST OTHER AT AS MODIFIED. ACCEPTABLE CERTIFICATION OF EACH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.

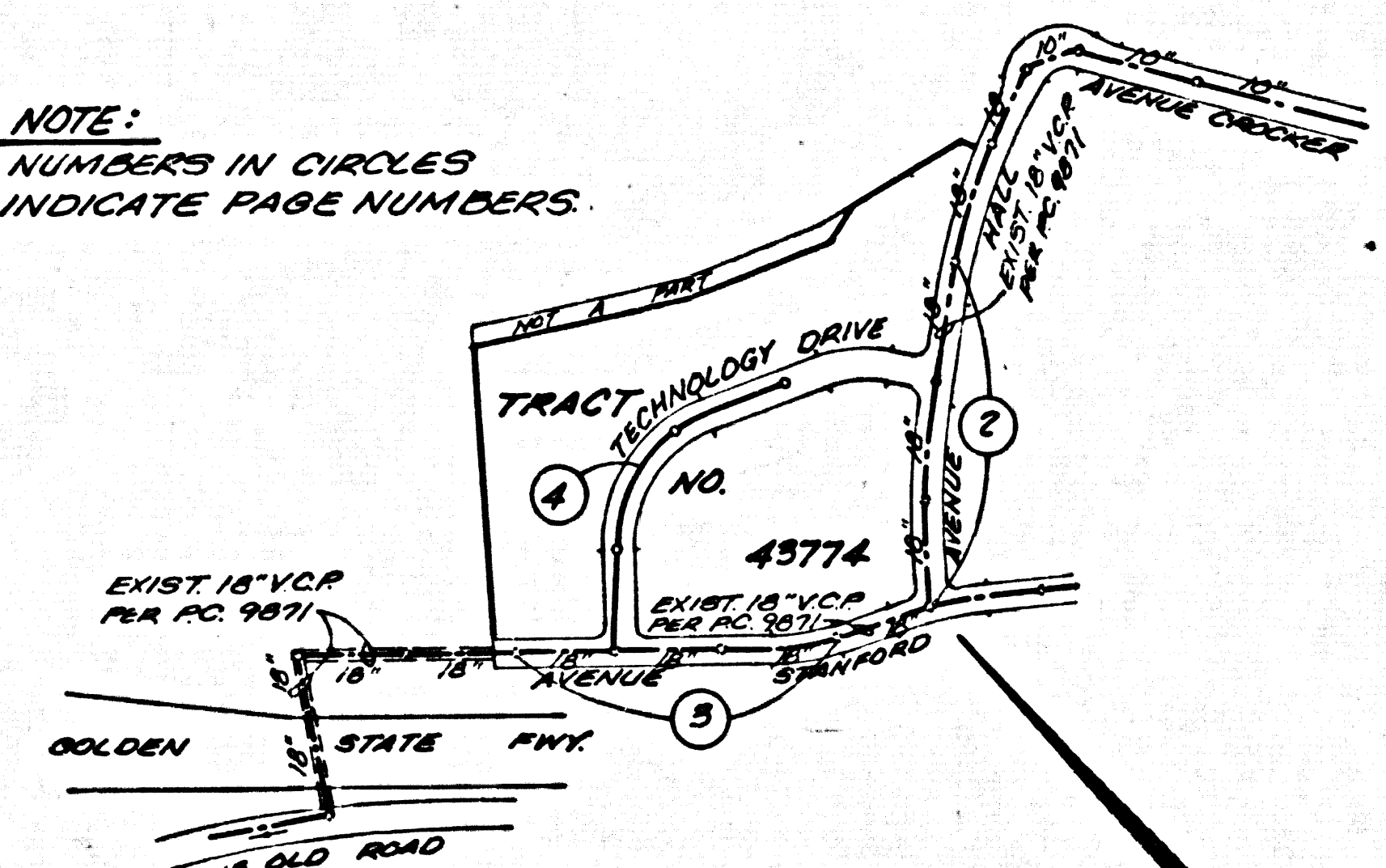
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LEGEND	8-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-2
BRICK MANHOLE	8-23
STANDARD MANHOLE STEP	8-27
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NON-REINFORCED PRECAST CONCRETE SEWER MANHOLE	8-24
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COUNTY OF LOS ANGELES, CALIFORNIA  
THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS  
CHARLES W. CARRY, CHIEF ENGINEER  
CO. SAN. DIST. NO. 35  
APPROVED: Thomas A. Tidemanson 9/8/86  
APPROVED: Charles W. Carry 9/8/86  
CHECKED: Walter A. Jennings 11/8/86  
REG. C.E. NO. 16841  
SANTA CLARITA VALLEY BLDG. DIST. 3.2

B.M. CL 1948 ELEV. 1032.173  
L.E. N. END CONC. HDWL. 30 FT.  
E. & S. OF THE OLD RD. E. RIVN. &  
O.G. M.I.S. CASTAIC JUNCT. NR. HWY.  
MKR. 6 25  
NEWHALL QUAD. 19 83

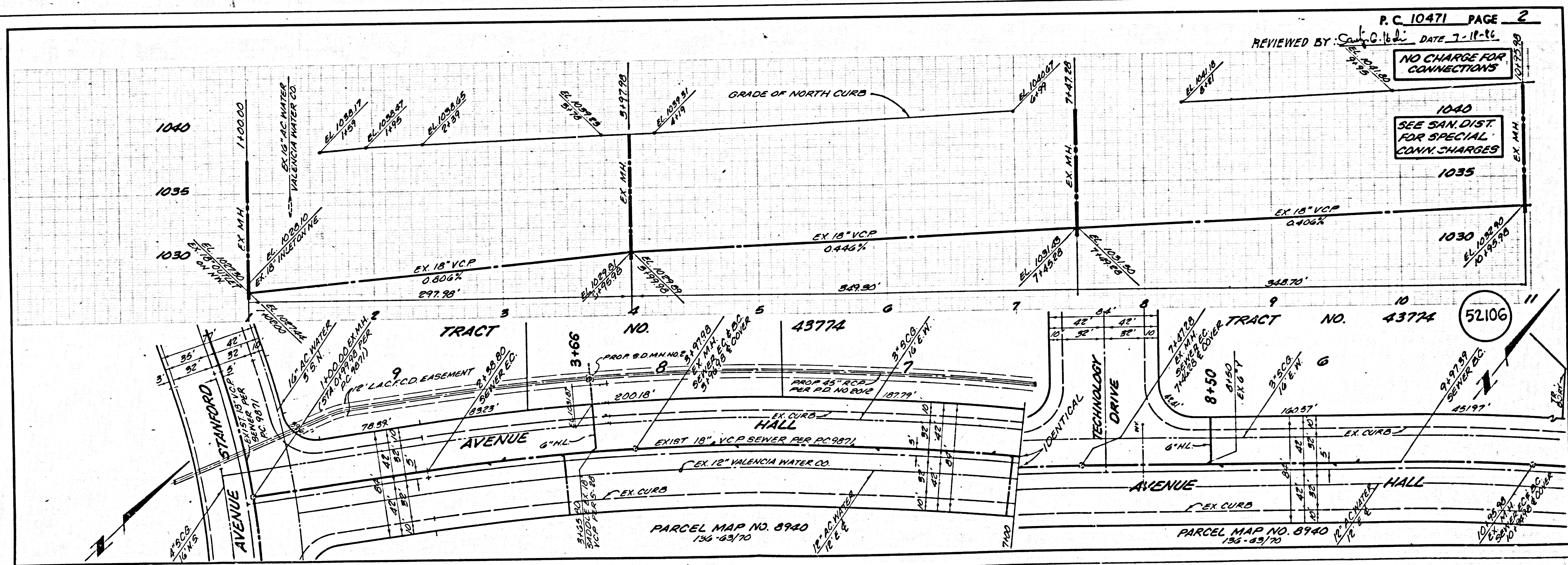
NOTE:  
NUMBERS IN CIRCLES  
INDICATE PAGE NUMBERS.



INDEX MAP  
PC 10471, TR. NO. 43774  
SCALE 1"=600'

REVISION NO. 1 DATE 12-8-86  
ADDED SEWER CURVE DATA (B.C. STA. 3+03.99) &  
MOVED MANHOLE FROM STA. 3+06.99 TO  
STA. 3+10.99 (TECHNOLOGY DRIVE, LINE 2),  
PAGE 4.) TO AVOID CONFLICT WITH CONCRETE  
ENCASED 30" CAL. EDISON COMPANY CONDUIT  
APPROVED: Sanjay G. Gidani 12/9/86  
OFFICE OF DIRECTOR OF PUBLIC WORKS

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 OF 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.

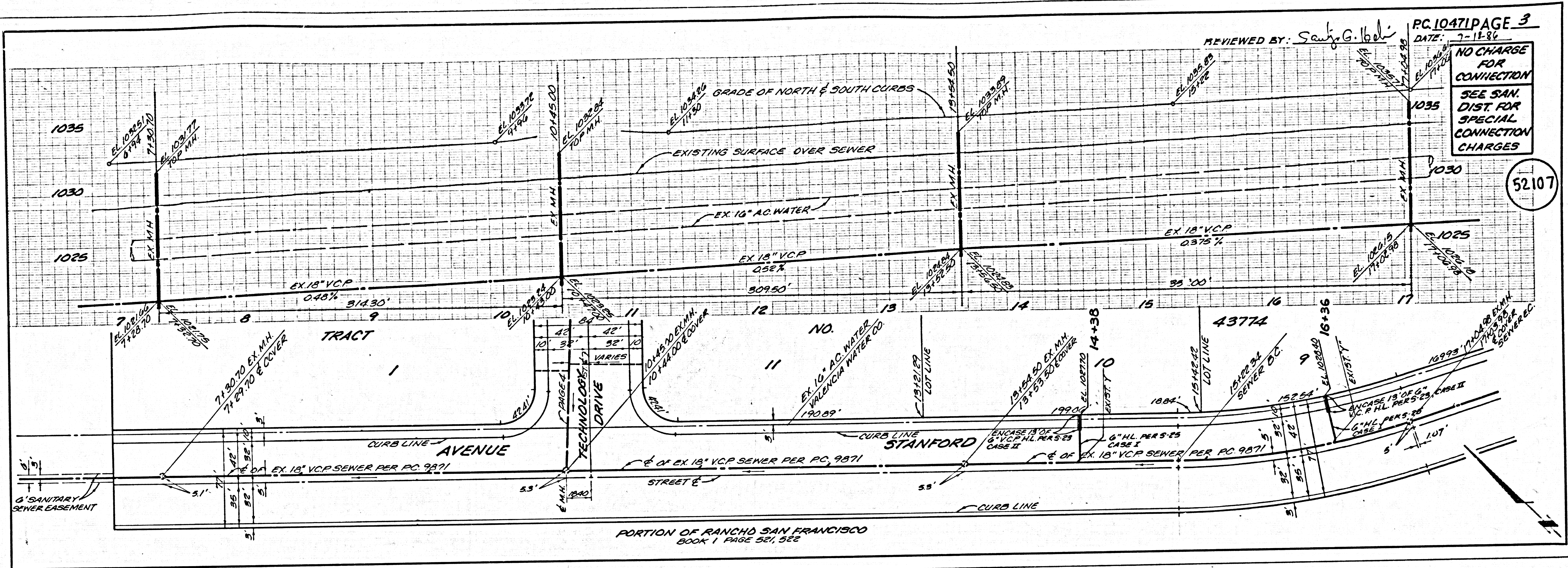


P.C. 10471 PAGE 2  
REVIEWED BY: Sanjay G. Gidani DATE 7-11-86  
NO CHARGE FOR CONNECTIONS  
SEE SAN. DIST. FOR SPECIAL CONN. CHARGES

52106

17A01 29  
ASTEP ON TRAPT





15401 39

4554 ON TCAART

