

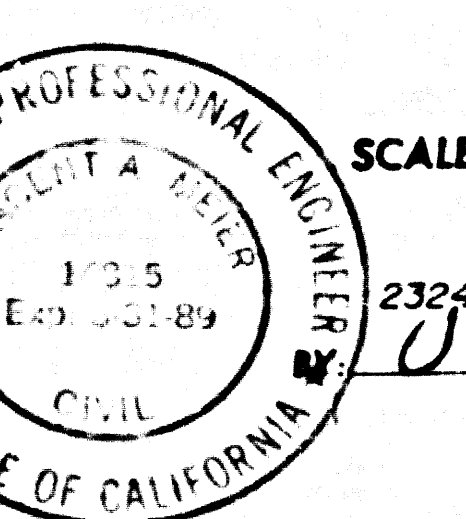
**SANITARY SEWERS**

TO BE CONSTRUCTED IN  
**PARCEL MAP NO. 17626**

**PRIVATE CONTRACT NO. 10756**  
 INDEX No. C-242, D-5

1 SHEETS, 2 PAGES  
 SCALE: V.H. 1"=40' H.H. 1"=10' JUNE 19, 1987

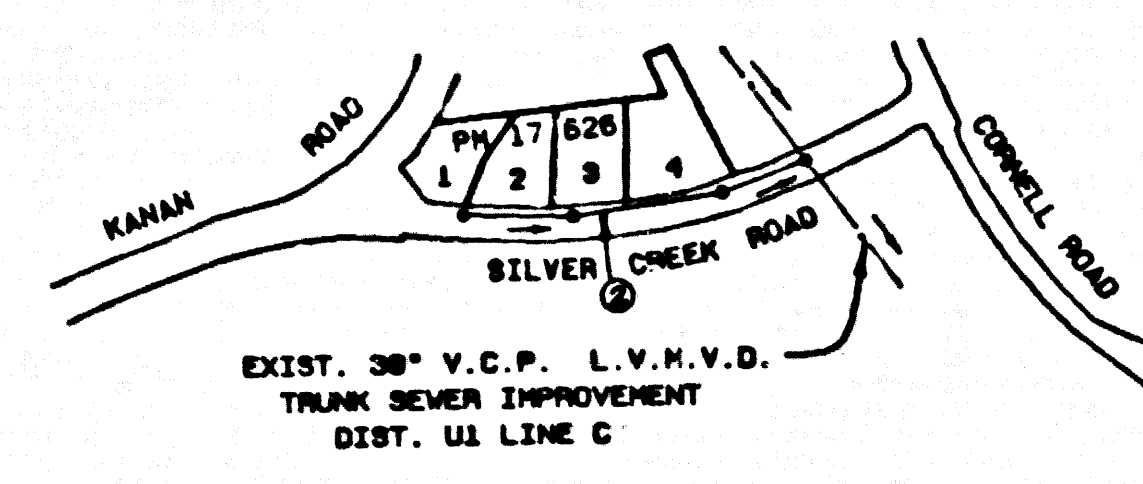
PREPARED IN THE OFFICES OF  
**VANTAGE ENGINEERING CO., INC.**  
 23241 VENTURA BLVD. #208, WOODLAND HILLS 91364 (818) 348-5509  
 REG. C. E. No. 15812  
 EXP. 3-31-89



**DOUBLE VERTICAL SCALE**

REVISION NO. 1 DATE 2/8/88  
 RAISE 8" MAIN FROM STA. 3+35.00 TO STA. 8+90.10.  
 APPROVED: *[Signature]* 2-10-87  
 DEPARTMENT OF PUBLIC WORKS DATE

B.M. BY 76C4 ELEV. 802.71  
 C.S.B.M. MON. 6 N.L.P. ON N.W. COR. CORNELL RD.  
 AND SILVER CREEK RD. 20 FT. N. AND 20 FT. W.  
 C.L. INT. MKD. I.B.M. 66-3 1963J 2 L.P. MKD. 3 FT.  
 UP 2 FT.E.  
 MALIBU QUAD. 1922



**INDEX MAP**  
 1" = 600'  
 P.M. No. 17626  
 PG. 10756

NUMBERS IN CIRCLE  
 INDICATE PAGE NO.

**GENERAL NOTES:**

- ELEVATIONS ARE IN FEET ABOVE M.S.L. & B.S.M. LEVEL DATUM OF 1989.
- NO PORTION SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DEPT. OF PUBLIC WORKS.
- NO REPRESENTATIVE OF THIS OFFICE SHALL BE HELD RESPONSIBLE FOR 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 CURBS, CENTER LINE OF STREETS OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES AT ALL POINTS IN THESE DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SA. DESIGNATED POINTS.
- THE PRIVATE ENGINEER SHALL FURNISH THE DEPT. OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONS FOR ALL HOUSE LATERALS AND 12" OR 18" BRANCHES AND SHALL PROVIDE JUNCTIONS 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° 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.
- BEFORE WORK CAN BE STARTED THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONST. DIV. OF THE LOS ANGELES DEPT. OF PUBLIC WORKS, PERMIT OFFICE NO. 3 AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 2320 ALCAZAR ST., LOS ANGELES, CALIF. 90033, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- IF WORK IS TO BE DONE IN A STATE HIGHWAY A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, 130 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 7.104.1 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 DEPT. OF PUBLIC WORKS A COPY OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE ROAD SECTION, DEPT. OF PUBLIC WORKS. A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKER SAFETY COMPLIANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 2320 ALCAZAR ST., PALM 206-A LOS ANGELES, CALIFORNIA 90033, NAMED AS THE CERTIFICATE HOLDER TO BE OBTAINED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

**CONSTRUCTION NOTES:**

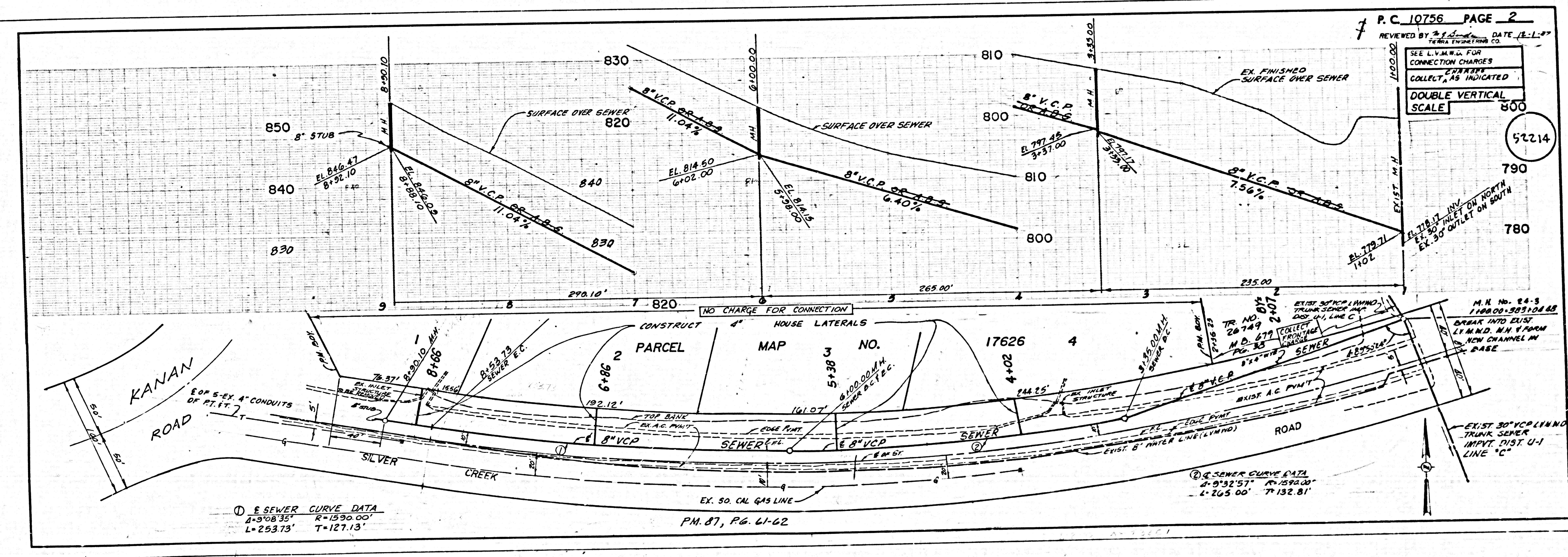
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1985 EDITION WITH THESE SUPPLEMENTS BY THE DEPT. OF PUBLIC WORKS SPECIAL PROVISIONS 9 OR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPT. 26, 1978 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPT. OF PUBLIC WORKS.
- THE CONTRACTOR SHALL NOTIFY THE CONTRACTING AGENCY BY TELEPHONE 323-288-9999 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 2 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- PIPE ON THE BRANCHES MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE 15" MINIMUM MANHOLES PER 5' OR PRECAST CONCRETE MANHOLES PER 5' 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 APPROVED RIGHTS OF WAY TO BE LEVEL WITH ABOVE FINISHED GRADE.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 9-28 CASE 8 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 9-28 CASE 8 UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
- ALL JOINTS BE THREE CAST IRON PIPE AND WITHEDED CLAY PIPE SHALL BE MADE WITH A RUBBER BLEVEE JOINT, TYPE "C" OR "D".
- WITH BRANCHES AS NECESSARY PER STANDARD SPECIFICATIONS SECTION 208-2.
- ALL ALLIANCE TO BE TESTED WITH PER ALLIANCE TEST PER 9-28 CASE 8.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 208.4.6 OF THE S.B.S. SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFY TO THE PERMITTEE PRIOR TO THE RESUMPTION OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- 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 LAND DEVELOPMENT DIVISION; (B) ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 80% OF MAXIMUM DENSITY PER A 3" X 30" METHOD OF TEST, OR BETTER AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION - DEPT. OF PUBLIC WORKS.

APPROVAL OF THIS PLAN BY THE LAND DEVELOPMENT DIVISION IS BASED ON A REVIEW BY AN ENGINEERING CONSULTANT UNDER CONTRACT WITH THE COUNTY OF LOS ANGELES.

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

COUNTY	SECTION
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-1
BRICK MANHOLES	8-2
STANDARD MANHOLE FITTINGS	8-3
REPAIRING FOR SEWER PIPE	8-4
CRACKING AND REPAIRING	8-5
PIPE ON THE SURFACE	8-6
ALWAYS TRUCK WIDTH	8-7
LOADING MANHOLE FRAMES AND COVERS	8-8
NON-REINFORCED PRECAST CONCRETE MANHOLES	8-9
RECONSTRUCTION OF BRICK MANHOLE TOPS	8-10
NEW CONNECTION TO EXISTING BRICK MANHOLE	8-11

COUNTY OF LOS ANGELES, CALIFORNIA  
 LAS VIRGENES MUNICIPAL WATER DISTRICT  
 THOMAS A. TIEMANSON  
 DIRECTOR OF PUBLIC WORKS  
 APPROVED: *[Signature]* DATE 12-9-87  
 REVIEWED: *[Signature]* DATE 10-19-87  
 TEMA ENGINEERING CO.  
 REG. C.E. NO. 18417  
 CALABASAS BDG. DIST. 31



SEWER CURVE DATA  
 1-9°08'35" R=1590.00'  
 L=253.73' T=127.13'

P. C. 10756 PAGE 2  
 REVIEWED BY *[Signature]* DATE 12-9-87  
 TEMA ENGINEERING CO.

SEE L.V.M.W.D. FOR CONNECTION CHARGES  
 EXPENSES COLLECTED AS INDICATED  
**DOUBLE VERTICAL SCALE**  
 500'

EXIST. 30" V.C.P. LINE ON NORTH  
 EX. 30" OUTLET ON SOUTH

M.N. No. 24-3  
 1100.00-383.04 83  
 BREAK INTO EXIST.  
 L.V.M.W.D. M.H. 4 FORM  
 NEW CHANNEL IN  
 DRAINAGE

EXIST. 30" V.C.P. LINE ON  
 TRUNK SEWER  
 IMPVT. DIST. U-1  
 LINE "C"