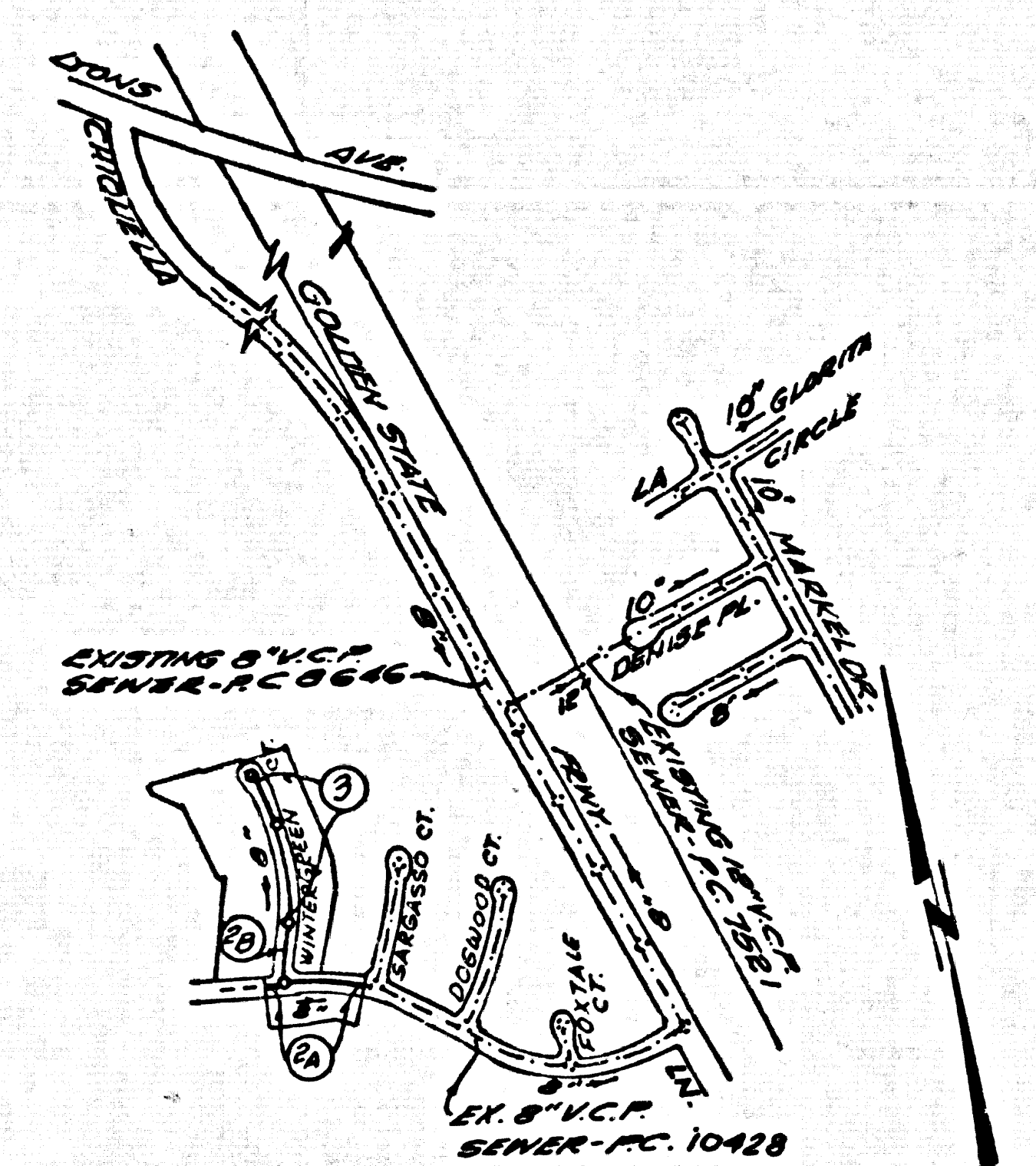


B.M. BL 3962 ELEV 1363.072
 CALIFORNIA DEPT. OF HIGHWAYS THE 74 STATION
 MARKED 163 8 1/2 MILES EAST OF
 WEST END OF FREEWAY BRIDGE
 & 27 SOUTH OF LYONS AVE.
 NEWHALL QUAD. 19.72



INDEX MAP
 TRACT NO. 13793
 P.C. 10430
 NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS

REVISION NO. 1 DATE: July 16, 1986

REVISE MANHOLE FROM STATION 7+10.00
 TO STATION 7+05.00 PAGE 3

APPROVED *[Signature]* 16841
 DEPT. OF PUBLIC WORKS RE. NO.

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 (805) 947-5027
 SO THAT REQUIRED INSPECTION CAN BE MADE.

NOTE: ISSUE NO HOUSE CONNECTION
 PERMITS UNTIL P.C. 10428 IS
 ACCEPTED.

GENERAL NOTES:

- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN SEA LEVEL DATUM OF 1929.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DEPT. OF PUBLIC WORKS.
- NO REPRESENTATIVE OF THE DEPT. OF PUBLIC WORKS WILL SURVEY OR LAY OUT 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 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 COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y" OR "T" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPOSED LOCATIONS. THE LOCATION OF SANITARY SEWERS 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 L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 2, AND PAY A FEE TO THE COUNTY ENGINEER, 500 S. VERMONT AVENUE, LOS ANGELES, CALIF. 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, 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 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.
- REFER TO SECTION 7.10.4.1 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, COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPARTMENT, A PERMIT FOR EXCAVATION AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKER'S COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 500 SOUTH VERMONT, 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) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPT. 21, 1976 AND SHALL BE PROCEEDED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION - P.W., TEL. (213) 265-8226, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- "Y" OR "T" BRANCHES MAY BE USED FOR CONNECTIONS TO MAKE THE SEWER EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK OR PRECAST CONCRETE MANHOLES PER S-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 RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- WETTED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 308-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-28, CASE 2, 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 S-28, CASE 2 UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
- ALL JOINTS BETWEEN CAST IRON PIPE AND WETTED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS, SECTION 308-2.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 308-1.1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 308-1.2.3 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 RESURFACE OF A CERTIFICATE OF PAVEMENT ACCEPTANCE.
- BACKFILL IN UNIMPROVED AREAS SHALL BE COMPACTED TO THE REQUIREMENTS OF SECTION 308-1.2.3 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS. ALL BACKFILL AND EARTH REPAIRED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY AND SAFETY DIVISION. (B) ALL BACKFILL AND EARTH REPAIRED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. METHOD OF TEST DESIGN AS NOTED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.

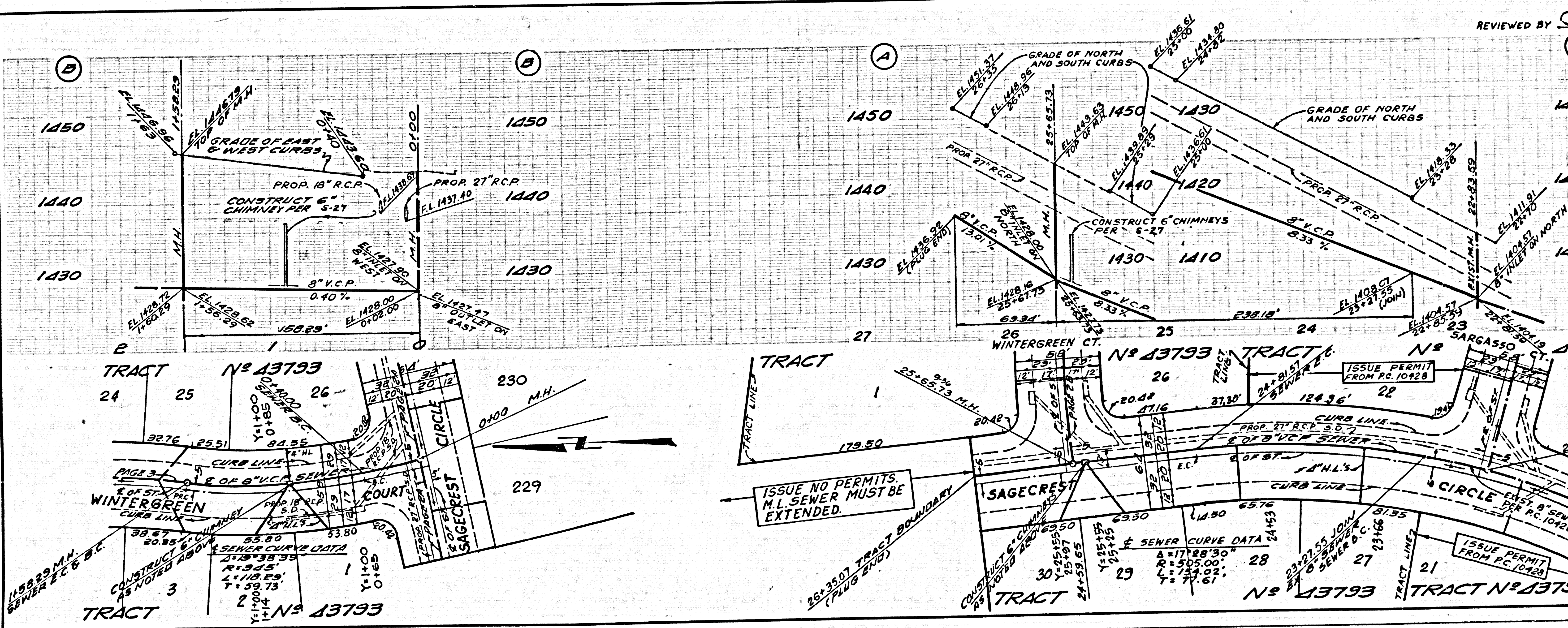
PROFILE, ALIGNMENT AND GRADE OF PAGE 1
SANITARY SEWERS
 TO BE CONSTRUCTED IN
TRACT NO. 13793
INDEX A-42
PRIVATE CONTRACT NO. 10430

2 SHEETS, 3 PAGES
 SCALE: HORIZ. 1"=50' VERT. 1"=5'
 OCTOBER, 1985
 PREPARED IN THE OFFICES OF
JOEL SILVERMAN & ASSOCIATES
 20300 VENTURA BLVD., SUITE 350
 BY *[Signature]*
 REG. C.E. No. 30029 WOODLAND HILLS, CA 91364

DEPT. OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

STAKING	54
ISSUING PUBLIC SAFETY ENGINEERING	54
BRICK SEWER MANHOLE	5-2
STANDARD MANHOLE SET	5-2
BRICKS FOR SEWER PIPE	5-2
CHASING AND RECHASING	5-2
WYE OR TEE SUPPORT	5-2
ALLOWABLE TRENCH WIDTHS	5-2
SECOND MANHOLE FRAME AND COVER	5-2
NON-SPECIFIC PRECAST CONCRETE SEWER MANHOLE	5-2
CHIMNEYS	5-2

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS
 APPROVED *[Signature]* 5/19/86
 CHARLES W. CARRY, CHIEF ENGINEER
 APPROVED *[Signature]* 5/19/86
 CHECKED *[Signature]* 5/19/86
 REG. C.E. No. 16891
 SANTA CLARITA VALLEY BLDG. DIST. 3-2



P.C. 10430 PAGE 2
 REVIEWED BY *[Signature]* 5/19/86
DOUBLE SCALE
 NO L.A. COUNTY CHARGE FOR CONNECTIONS.
 SEE L.A. CO. SAN. DISTRICT FOR MANHOLE SPECIAL CONNECTION CHARGE

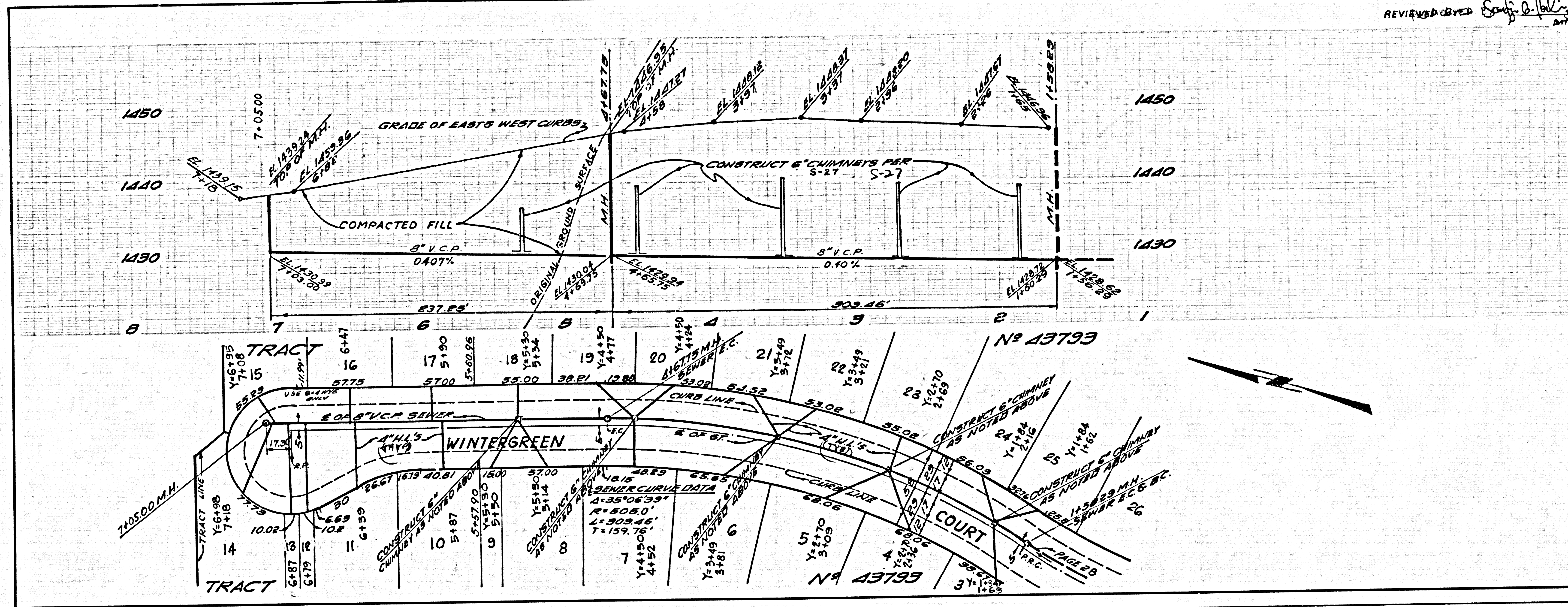
ISSUE NO PERMITS.
 M.L. SEWER MUST BE
 EXTENDED.

1 of 2
 SEWER COVER SMT.

PC 10430

DOUBLE SCALE
 NO L.A. COUNTY CHARGE FOR CONNECTIONS
 SEE L.A. CO. SAN. DISTRICT FOR SPECIAL CONNECTION CHARGE.

51343



009-1703 43793 5 2 of 2

PAGE

LC 10430