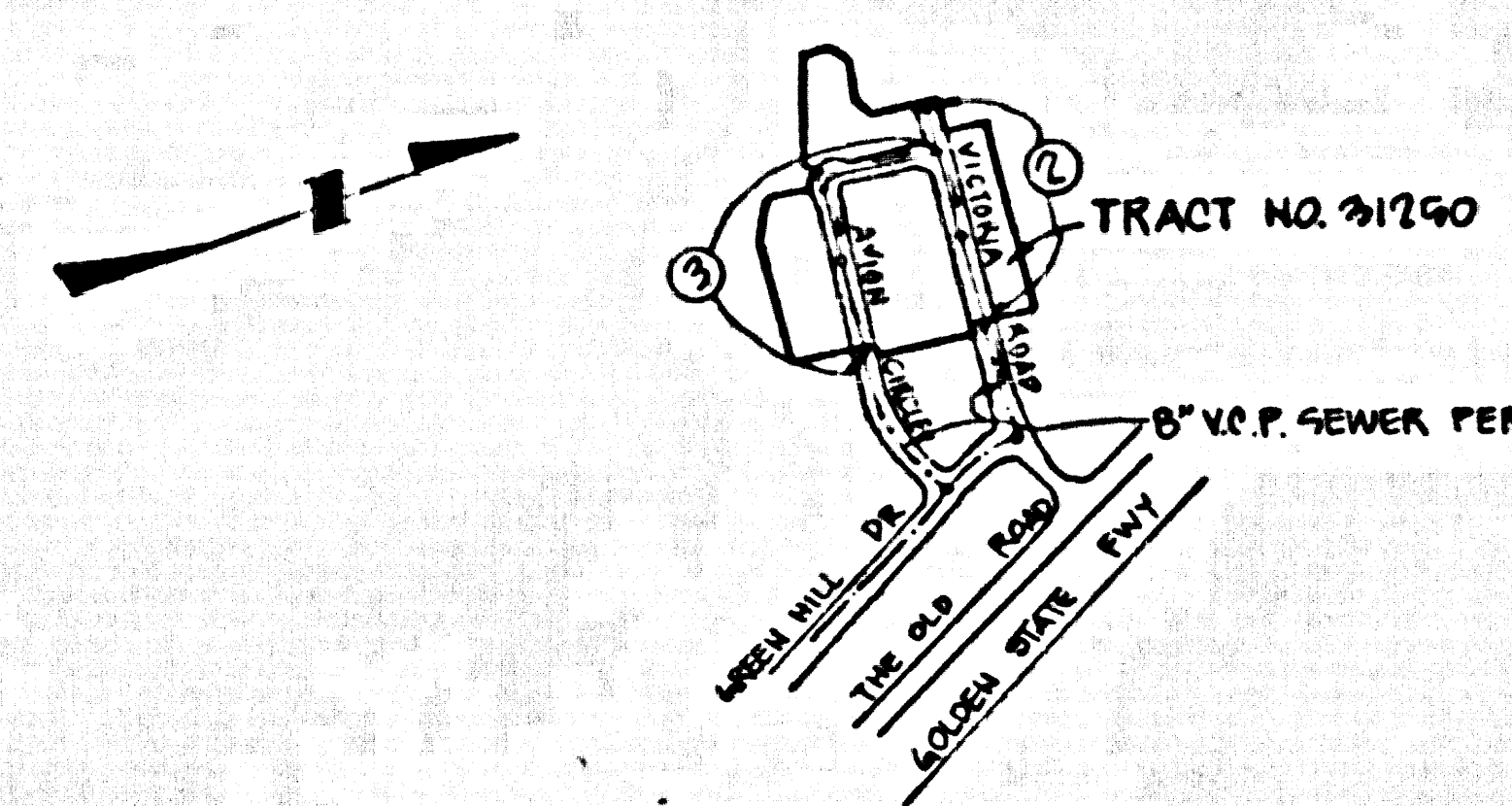


B.M. 214620 ELEV. 1162.570  
 L & BN CTR. SB. RET. 0.5 IN. COP.  
 LAKE HUGHES RD. & OLD RIDGE RTE  
 NEWMALL QUAD. 19 12

DOUBLE SCALE



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.

ISSUE NO PERMIT UNTIL OUTLET P.C. 10509 IS ACCEPTED FOR PUBLIC USE BY THE COUNTY OF L.A.

NOTE: ISSUE H.L. PERMIT FOR LOT 31 OF THIS TRACT FROM P.C. 10509

NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS

- GENERAL NOTES:**
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN LEVEL DATUM OF 1988.
  - 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.
  - 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, CENTER LINE OF ALLYWAYS AND STATION POINTS SHALL BE SHOWN ON THESE PLANS. THE GRADE SHALL BE TO THE CENTER OF THE STREETS UNLESS OTHERWISE SPECIFIED.
  - THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "UP" OR "DOWN" BRANCHES AND SHALL PROVIDE STAKES FOR THE WORK AT THESE PROPOSED LOCATIONS WITH THE EXISTING PLUMBLINE. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT A POINT ANGLE FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CURBSIDE 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. 5 AND PAY FEE TO THE DEPARTMENT OF PUBLIC WORKS 800 S. WENDOVER 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, 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 7.18.4.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORINGS.
  - PRIOR TO THE ISSUANCE OF THE RECORDING 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 THE NOTICES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE BY THE DEPARTMENT OF PUBLIC WORKS, 148 SOUTH VERMONT AVE. LOS ANGELES, CALIFORNIA 90028, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

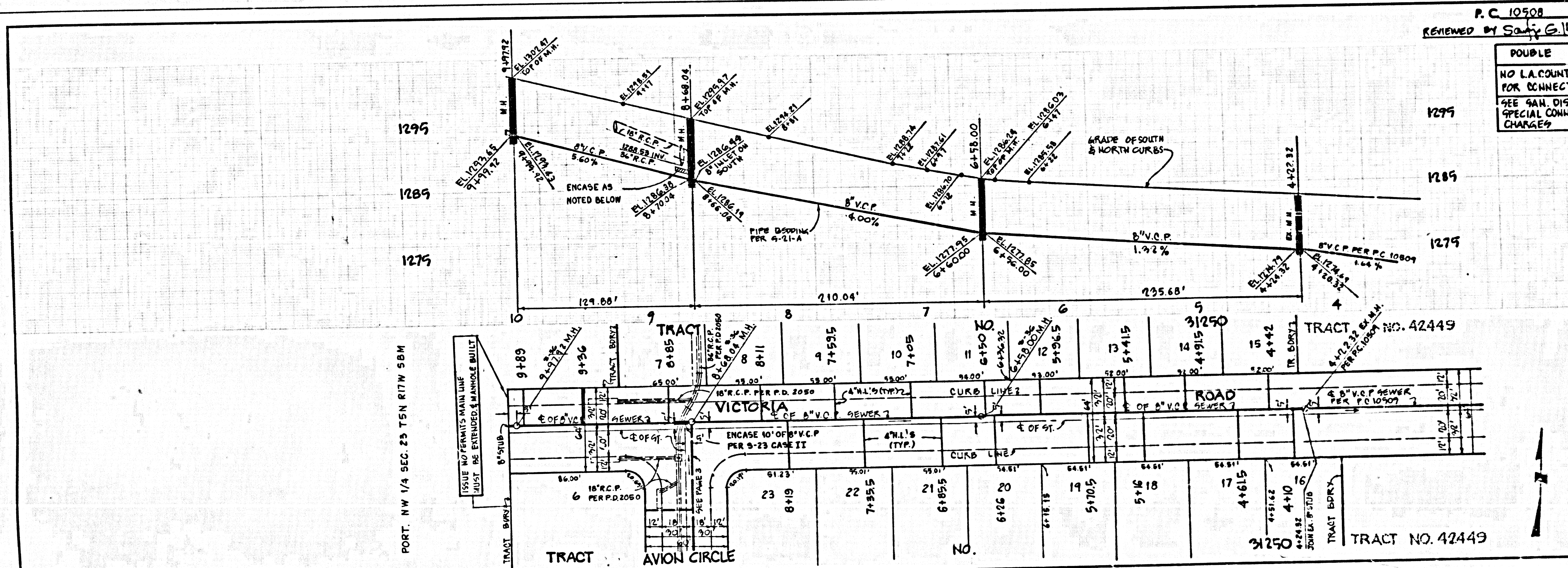
- CONSTRUCTION NOTES:**
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1988, DIVISION 5117 AND 5118, SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPT. 21, 1978.
  - THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL SERVICES BY TELEPHONE, 728-8146, 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.
  - PIPE OR TREE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
  - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 3-23 OR PRECAST CONCRETE MANHOLES PER 3-23, EXCEPT AS NOTED.
  - PROVIDE STAKES ON THE PROPERTY LINE ON PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
  - MANHOLE TOPS IN UNIMPROVED AREAS TO BE 6 INCHES ABOVE FINISHED GRADE.
  - UNGRADED CLAY PIPE JOINTS SHALL BE TYPE "C" OR "D" PER STANDARD SPECIFICATIONS SECTION 280-8.
  - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 3-23 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 SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 3-23 CASE II UNLESS OTHERWISE APPROVED BY THE DEPARTMENT OF PUBLIC WORKS.
  - ALL JOINTS BETWEEN CAST IRON PIPE AND WETTED CLAY PIPE SHALL BE MADE WITH A RUBBER GASKET JOINT, TYPE "C" OR "D", WITH LEAKAGE IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 280-8.
  - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 280-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
  - REINFORCE 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 900-13.4 OF THE BRIDGE AND TUNNELING ACT IS REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPOSITION AND SAND EQUIVALENTS AT A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF FINAL ACCEPTANCE.
  - SPECIAL BACKFILL IN BASEMENT CONSTRUCTION IS BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADE AND SLOPE'S SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE BUILDING AND SAFETY DIVISION. IN ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. METHOD OF TEST D930 97T AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO ENVIRONMENTAL SERVICES.

PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
**TRACT NO. 31250**  
**PRIVATE CONTRACT NO. 10508**  
 A-517-16  
 2 SHEETS, 3 PAGES  
 51415  
 SCALE: VERT. 1" = 8'  
 HORIZ. 1" = 40'  
 FEB. 1986  
 PREPARED IN THE OFFICES OF  
**BRAND ENGINEERING ASSOCIATES**  
 1520 BILBAUM BLVD., VAN NUYS,  
 CALIFORNIA 91411, (818) 787-0550  
 BY: *John R. P. M. E.*  
 REG. C.E. NO. 3812

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	0-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	0-2
BRICK MANHOLE	0-3
STANDARD MANHOLE STEP	0-17
BRICKING FOR SEWER PIPE	0-21
CRACKING AND ENCASEMENT	0-22
PIPE ON TEE SUPPORT	0-23
ALL CHANGE TRENCH WIDTHS	0-24
LOCKING MANHOLE FRAME AND COVER	0-25
NON-REINFORCED PRECAST CONCRETE MANHOLE	0-26
SPECIAL HOUSE LATERALS	0-28

COUNTY OF LOS ANGELES, CALIFORNIA  
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS  
 CHARLES W. CARRY, CHIEF ENGINEER  
 APPROVED: *Thomas A. Tidemanson* DATE: *2/1/86*  
 APPROVED: *Charles W. Carry* DATE: *2/1/86*  
 CHECKED: *Henry C. Anderson* DATE: *10/23/86*  
 REG. C.E. NO. 17536  
 SANTA CLARITA VALLEY BLDG. DIST. 82



P.C. 10508 PAGE 2  
 REVIEWED BY *Sandy G. Harbo* DATE *2/1/86*  
 DOUBLE SCALE  
 NO L.A. COUNTY CHARGE FOR CONNECTION  
 SEE SAN. DISTRICTS FOR SPECIAL CONNECTION CHARGES  
 51416



