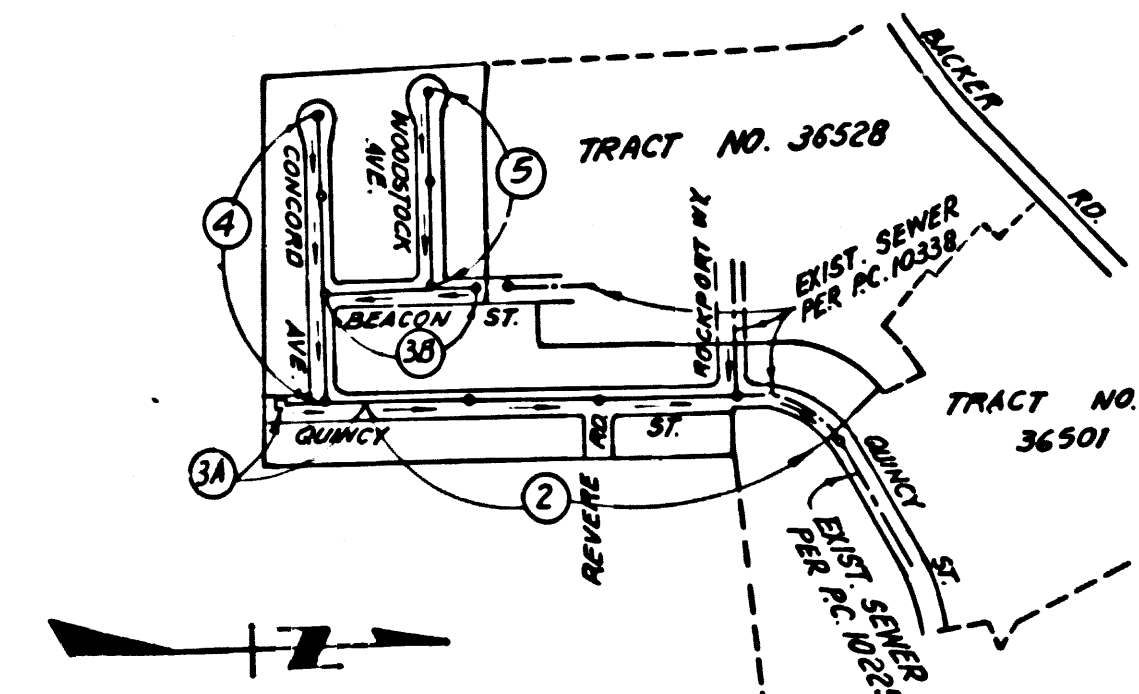


B.M. CL 3979 ELEV. 1065.705
 R.O.B.M. TAG IN C.B. 4 FT. N. B.C.R. 70 FT.
 N. 4 32 FT. E. INT. THE OLD ROAD &
 HASLEY CN. RD. OFF-RAMP
 NEWHALL QUAD. 19 75

GENERAL NOTES: CONT'D
 12. ALL REFERENCES ON THIS PLAN TO THE COUNTY ENGINEER,
 THE ROAD DEPARTMENT, OR THE FLOOD CONTROL DISTRICT
 SHALL APPLY TO THOSE APPROPRIATE SECTIONS OF THE
 DEPARTMENT OF PUBLIC WORKS.



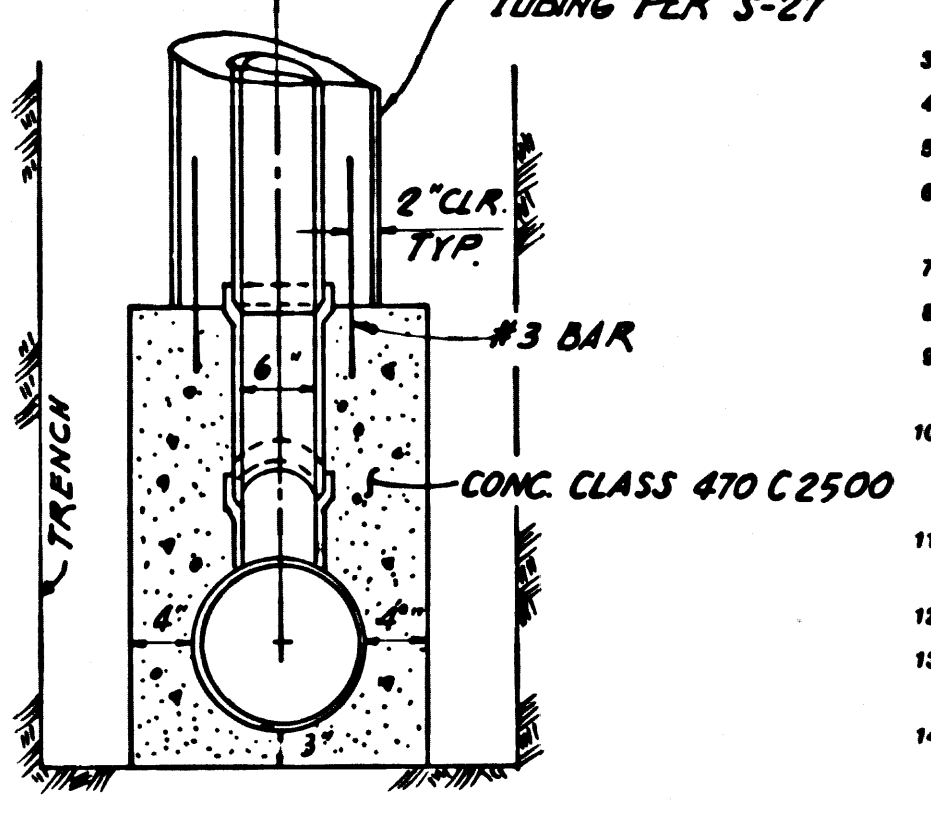
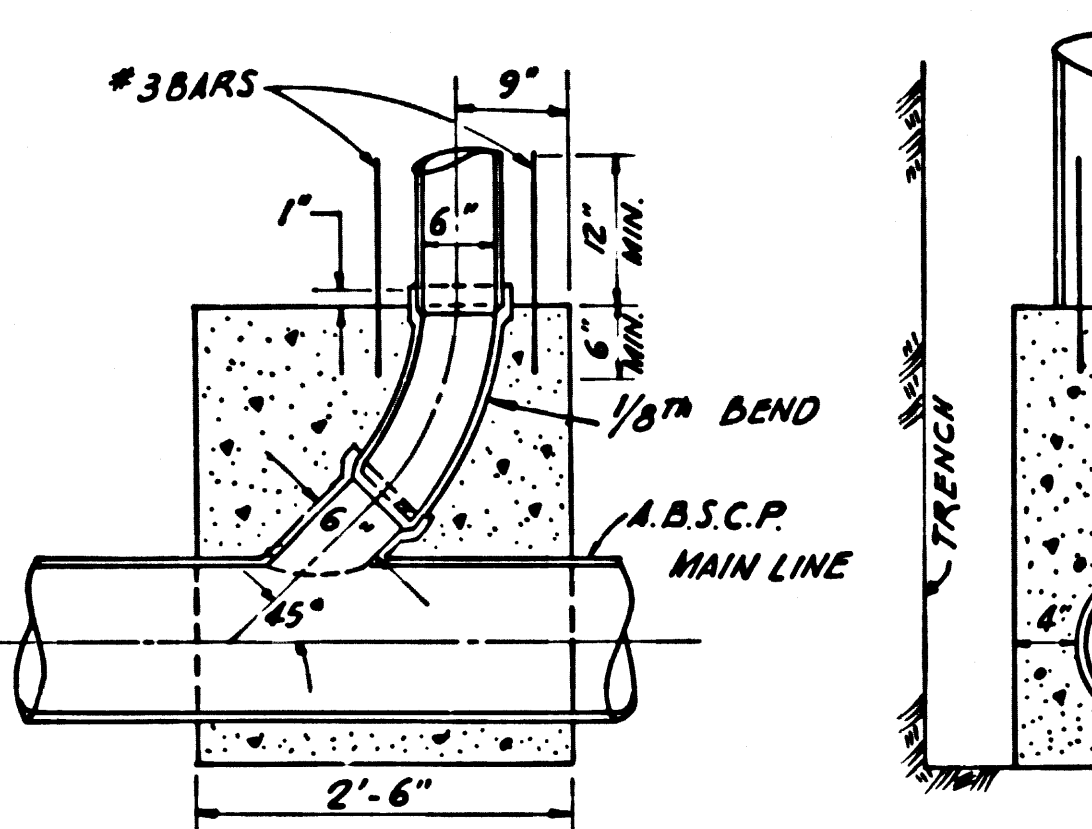
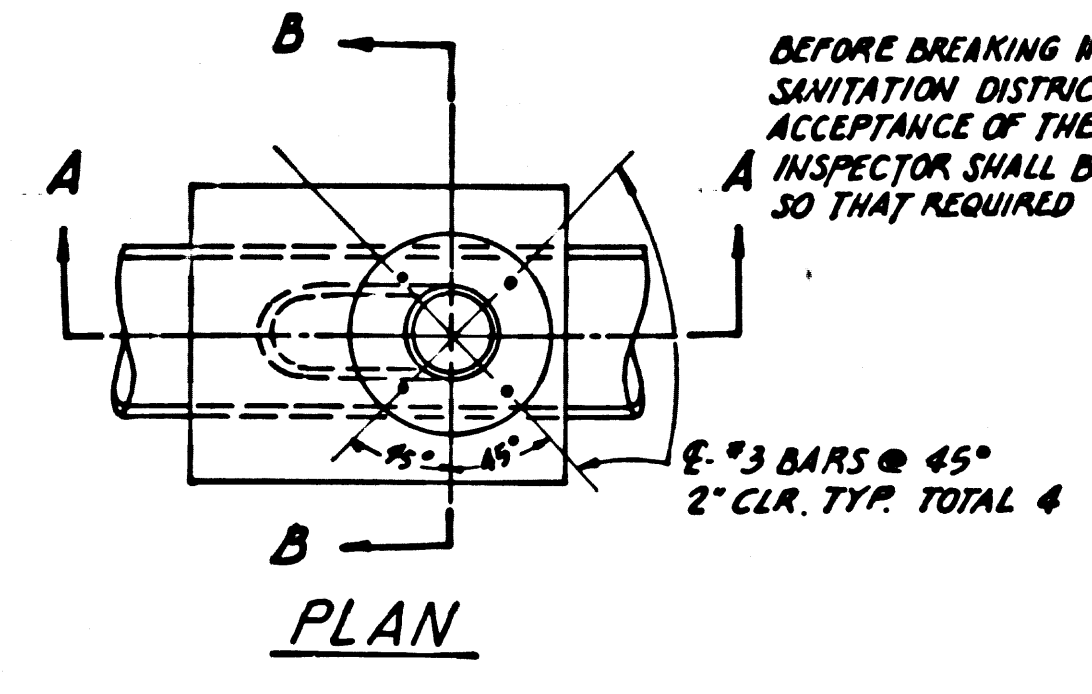
NOTE:
 ISSUE H.L. CONNECTION
 PERMIT FOR LOTS 1, 2, 3, 4, 5, 30 & 31
 FROM P.C. 10338, PAGE 2A

INDEX MAP
 SCALE 1" = 600'
 P.C. NO. 10346
 TRACT NO. 30756

NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS
 ISSUE NO HOUSE CONNECTION PERMITS UNTIL
 P.C. 10338 IS ACCEPTED

CONSTRUCTION NOTES CONT'D

- 16. FULL COMPLIANCE WITH PART IV OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE.
- 17. MANHOLE WATER STOP GASKETS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
- 18. A.B.S. SOLID WALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.
- 19. A.B.S. COMPOSITE PIPE SHALL BE BEDDED IN CONFORMANCE WITH THE TABLE IN SECTION B-3.1 PART IV OF THE SPECIAL PROVISIONS.
- 20. 3 DEGREE DEFLECTION COUPLERS MUST BE USED TO ACCOMPLISH RADII OF CURVATURE LESS THAN 300'



SECTION "A-A"
 SECTION "B-B"
 CHIMNEY BASE DETAILS FOR A.B.S.C.P. ALT.
 NO SCALE

GENERAL NOTES:

- 1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
- 2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE SEPT. OF PUBLIC WORKS.
- 3. NO REPRESENTATIVE OF THE SEPT. OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- 4. 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 TO GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
- 5. THE PRIVATE ENGINEER SHALL FURNISH THE BENCH MARKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 1" ON 1" 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 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.
- 6. 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.
- 7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN CITY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 3, AND PAY A FEE TO THE COUNTY ENGINEER, 80 S. VERMONT AVENUE, LOS ANGELES, CA 90028, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- 8. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 100 SOUTH BRIDGE STREET, LOS ANGELES, CALIFORNIA.
- 9. 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.
- 10. REFER TO SECTION 7.10.4.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
- 11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE SUPERVISOR, JURISDICTION 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, 300 SOUTH VERMONT, RM. 408, LOS ANGELES, CALIFORNIA 90028, NAMED AS THE CERTIFICATE HOLDER IS TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

CONSTRUCTION NOTES:

- 1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1988 EDITION) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 21, 1978, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
- 2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 288-2881 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- 3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & FEET BELOW CURB GRADE EXCEPT AS NOTED.
- 4. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- 5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-36, EXCEPT AS NOTED.
- 6. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- 7. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- 8. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "D" PER STANDARD SPECIFICATIONS SECTION 208-2.
- 9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-25 CASE R, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- 10. 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-25 CASE R UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
- 11. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D" (WITH BUSHING) IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 208-3.
- 12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 208-14 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- 13. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- 14. FULL COMPLIANCE WITH SECTION 208-1.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SHAD EQUIVALENTS BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- 15. 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 BUILDING AND SAFETY DIVISION; (B) ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STD. METHOD OF TEST COMPLYING AS MODIFIED; ACCEPTABLE CERTIFICATION OF COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION - PUBLIC WORKS.

PROFILE, ALIGNMENT AND GRADE OF
 SANITARY SEWERS

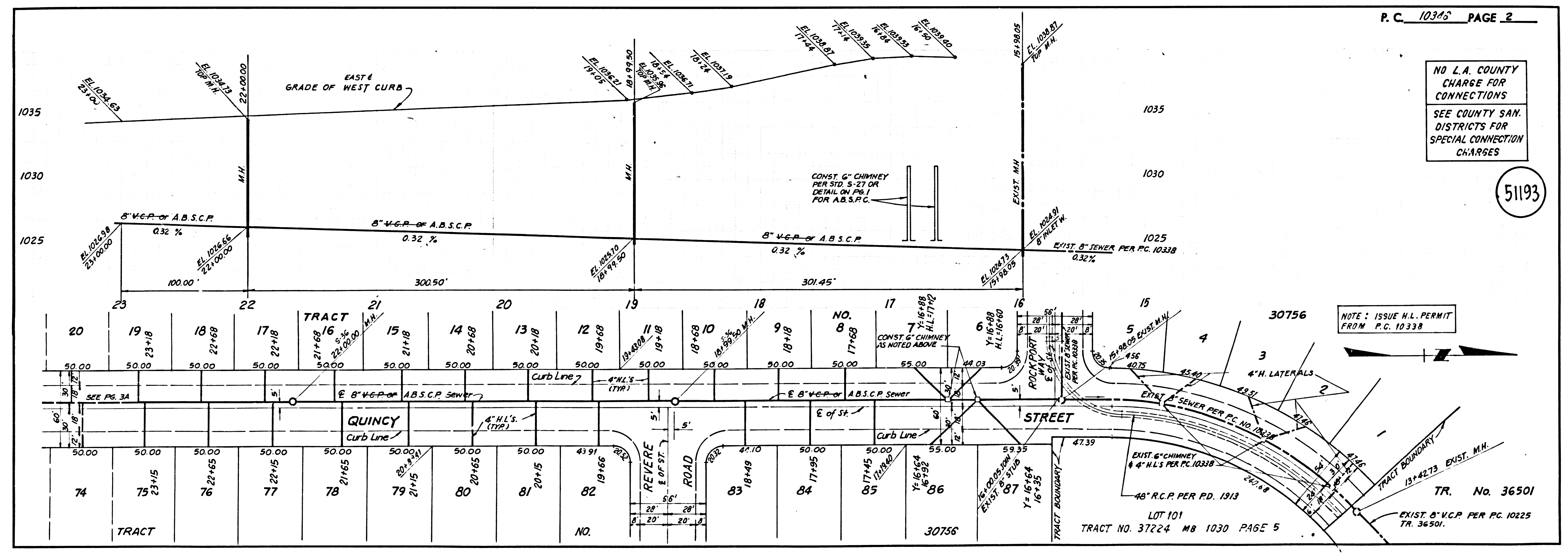
TRACT NO. 30756
 PRIVATE CONTRACT NO. 10346

INDEX A 88 E.1
 3 SHEETS, 5 PAGES
 SCALE: VERT. 1" = 4'
 HORIZ. 1" = 40'
 FEBRUARY, 1985
 PREPARED IN THE OFFICES OF
 SIKAND ENGINEERING ASSOCIATES
 15230 SUREVIEW BLVD.
 VAN NUYS CALIFORNIA 91411 (818) 787-8550
 BY: John R. Pora
 REG. C. E. No. 9212

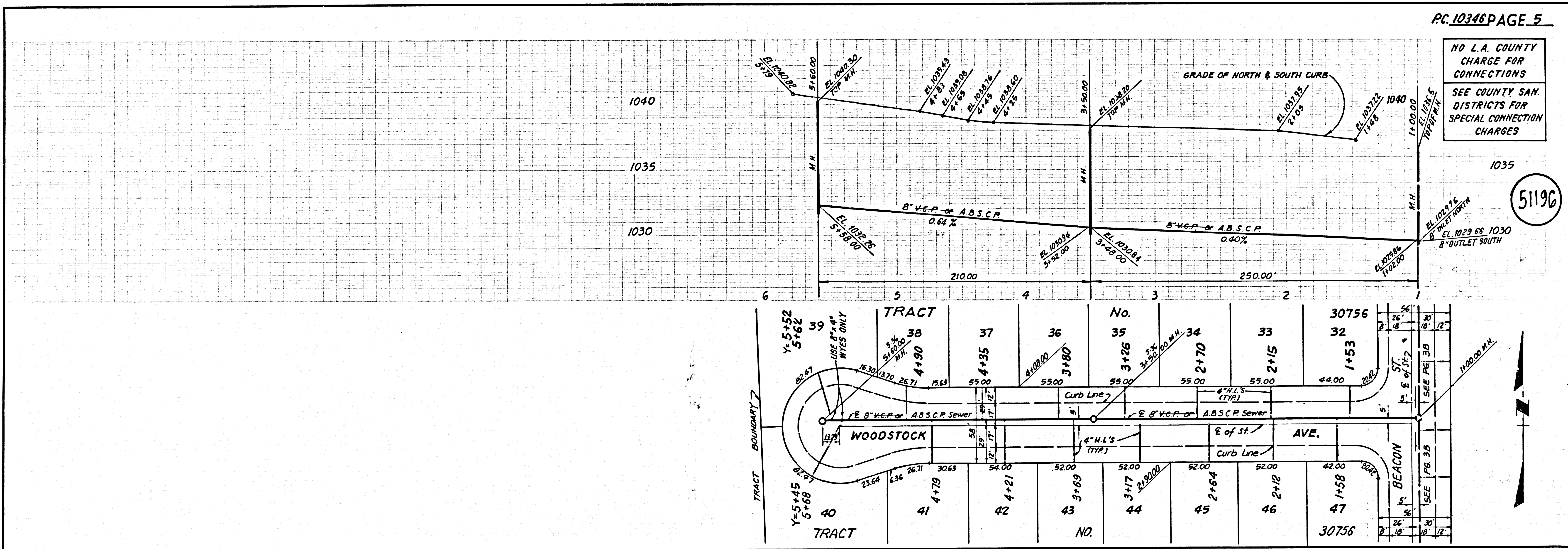
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

SMOKE	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3
STANDARD MANHOLE STOP	S-17
BIDDING FOR SEWER PIPE	S-17
CHANGING AND RECASTING	S-18
WYE OR TEE SUPPORT	S-18
ALLOYABLE THROCK WIDTHS	S-18
LOCKING MANHOLE FRAME AND COVER	S-18
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-18
BEDDING REQUIREMENTS FOR PLASTIC PIPE	S-21A
CHIMNEY PIPE AND BASE	S-27
SHALLOW MANHOLE	S-27
PRECAST CONCRETE SHALLOW MANHOLE	S-32
RECTANGULAR MANHOLE FRAME AND COVER	S-32

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. YOUNGSON, DIRECTOR OF PUBLIC WORKS
 APPROVED: [Signature] DATE: 10/1/85
 CHARLES W. CARRY, CHIEF ENGINEER
 APPROVED: [Signature] DATE: 10/1/85
 CHECKED: [Signature] DATE: 10-1-85
 M.R. C.E. NO. 33134
 SANTA CLARITA VALLEY BLDG. DIST. 8.2



NO L.A. COUNTY CHARGE FOR CONNECTIONS
SEE COUNTY SAN. DISTRICTS FOR SPECIAL CONNECTION CHARGES



51196

IR 20305 BC 10305 PT