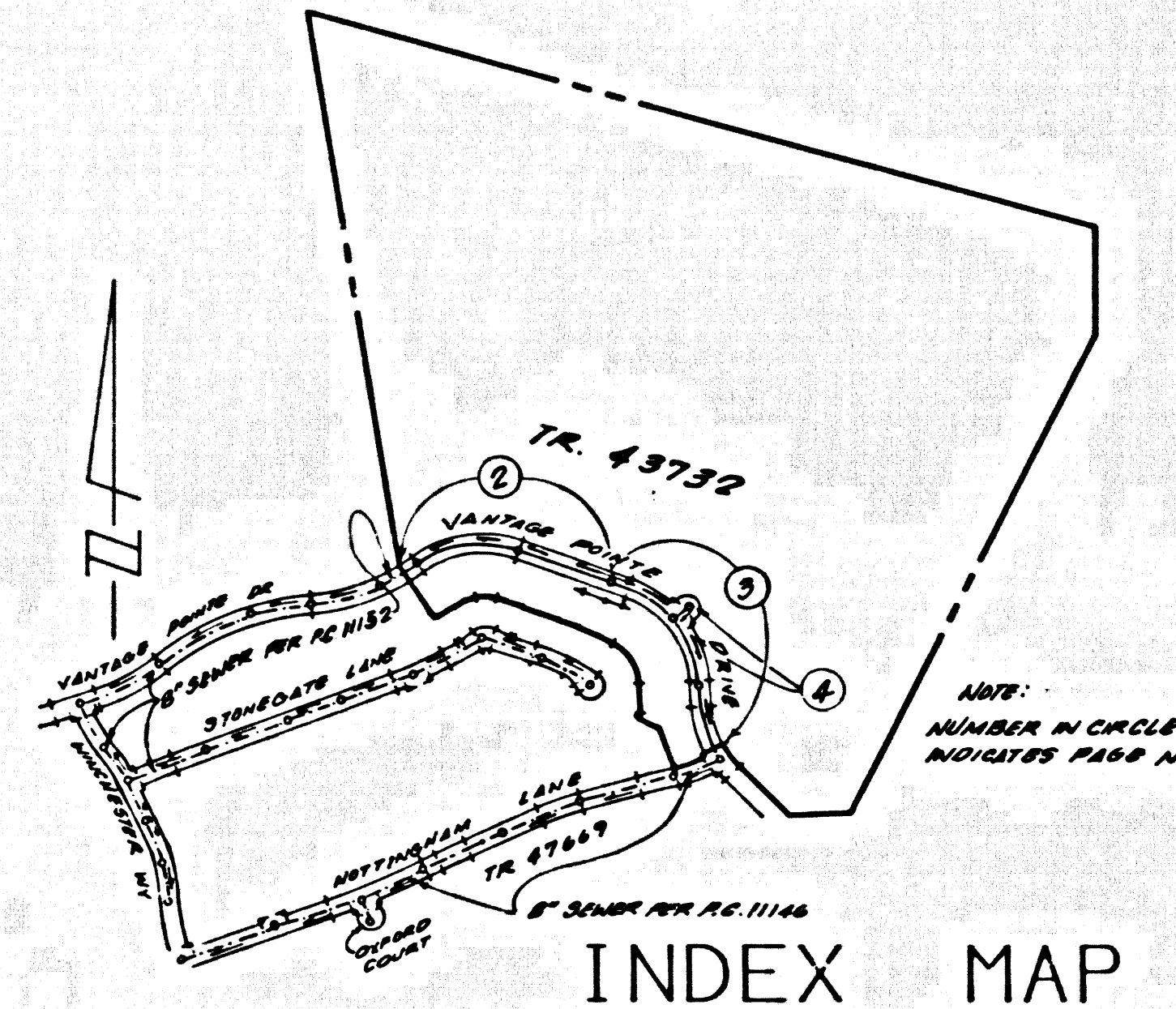


B.M. C.C. 8204 ELEV. 57.872
 ROAD DEPT. BRANCH MARK IN NORTH END OF
 CATCH BASIN & THIS MARK INDICATES TO RAIN-
 LAND WATER DISTRICT 0.8 MILE SOUTH OF
 CENTER LINE OF THIS PROJECT TO THE CENTER
 OF TRAIL OF MILLINGTON ROAD
 07728281N QUAD. 19 20



INDEX MAP
 R.C. 11153 TR. NO. 43732
 SCALE 1"=600'
 T.O. 78-04

CONSTRUCTION NOTES CONT'D

16. FULL COMPLIANCE WITH PART II OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE.
17. MANHOLE TOP GUARDRAILS & CLEANING 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 ALL HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.
19. A.B.S. COMPOSITE PIPE SHALL BE INSTALLED IN CONFORMANCE WITH THE TABLE IN SECTION 5-2.1 OF PART II OF THE SPECIAL PROVISIONS.
20. THREE SEWERER DEFLECTION COMPULSERS ARE REQUIRED FOR RADIIUS OF CURVATURE LESS THAN 300 FT. WHEN USING A.B.S. COMPOSITE PIPE.
21. NO CONNECTION FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IN A.B.S. COMPOSITE PIPE IS USED.
22. SEWER LINE CURVATURE SHALL NOT BE ACHIEVED BY PULLING OF JOINTS OR SEVERING PIPE ENDS WHEN USING PLASTIC PIPE INCLUDING A.B.S. COMPOSITE PIPE.
23. ALL NYTS AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST 18 IN. FROM ADJACENT AND WHEN POSSIBLE NOT CLOSER THAN 18 IN. TO ANY MANHOLE.
24. A.B.S. SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MAIN LINE SEWER.
25. ONLY NYTS BRANCHES ARE TO BE USED FOR CONNECTION TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.

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 CONNECTION 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.

LOT 42 IS RESTRICTED TO AIR CONSTRUCTION AND WILL NOT BE SERVED BY RC 11153

GENERAL NOTES:

1. A SEWER CONSTRUCTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION INSPECTION AND RECORD PLANS TO THE DEPARTMENT OF PUBLIC WORKS AT THE PERMIT OFFICE 1500 SOUTH PULPIT AVENUE 15TH FLOOR ALHAMBRA CA 91706 PRIOR TO STARTING WORK UNDER THIS CONTRACT. COPIES OF ALL OTHER REQUIRED PERMITS, SUCH AS ROAD ENCROACHMENT, CALTRANS, ETC. MUST BE FILED WITH THE PERMIT APPLICATION.
2. PRIOR TO ISSUANCE OF ANY PERMIT THE CONTRACTOR SHALL FILE 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 MANHOLE AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.
3. 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.
4. WHEN WORK IS WITHIN A CONTRACT CITY THE CONTRACTOR MUST CONTACT THE DIRECTOR OF PUBLIC WORKS OF THAT CITY TO DETERMINE THE LOCATION TO PAY THE INSPECTION FEE.
5. THE CONTRACTOR SHALL CONTACT THE SURVEY OFFICE LISTED ON THE 1500 SOUTH PULPIT AVENUE 15TH FLOOR ALHAMBRA CA 91706 FOR AN ACCEPTABLE CONSTRUCTION START DATE AND SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE (213) 962-8605 AT LEAST TWENTYFOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
6. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO 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.
7. ALL WORK SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1988 EDITION, INCLUDING SUPPLEMENTS AND THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS, DATED JULY 31, 1988 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS PERSONNEL.
8. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 710.8.1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION IN REGARD TO SAFETY CODES AND SHALL CONFORM TO THE MINIMUM PUBLIC SAFETY REQUIREMENTS AS SHOWN ON LOS ANGELES DEPARTMENT OF PUBLIC WORKS STANDARD 5-2.
9. ELEVATIONS ARE IN FEET ABOVE LOCAL SEA LEVEL DATUM OF 1988.
10. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
11. NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
12. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTERLINE OF STREETS, OR CENTERLINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES AT ALL JOINTS BETWEEN DESIGNATED POINTS. THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
13. THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "Y" 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 SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
14. THE PRIVATE ENGINEER SHALL INDICATE THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.

CONSTRUCTION NOTES:

1. PROVIDE SURVEY STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
2. WROUGHT IRON PIPE JOINTS SHALL BE TYPE "D" OR "C" PER STANDARD SPECIFICATIONS SECTION 100-8.
3. A POWER POLE IS WITHIN THREE FEET OF THE SEWER. THE SEWER SHALL BE ENCASED PER STANDARD PLAN 5-3, CASE II TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
4. ALL JOINTS BETWEEN CAST IRON PIPE AND FIBERGLASS PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT TYPE "D" WITH RUBBERING AS NECESSARY PER STANDARD SPECIFICATIONS SECTION 232-2.
5. HOUSE LATERALS TO BE CONSTRUCTED WITH 4" DIA. 15' MIN. COVER PER STANDARD PLAN 5-4 EXCEPT AS NOTED.
6. NYTS OR THE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
7. DURING THE COURSE OF CONSTRUCTION, IF IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAINLINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER STANDARD PLAN 5-3, CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
8. ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER STANDARD PLAN 5-3 OR PRECAST CONCRETE SEWER MANHOLES PER STANDARD PLAN 5-3L OR REINFORCED PRECAST CONCRETE MANHOLE PER STANDARD PLAN 5-4 EXCEPT AS NOTED.
9. REINFORCE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS ON CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH THE PERMITS.
10. FULL COMPLIANCE WITH SECTION 206.1.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPLETION AND SMOOthenING BY A QUALIFIED CIVIL ENGINEER SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
11. ALL BACKFILL AND FILL OUTSIDE OF STREET RIGHT OF WAY SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM SOIL COMPACTION TESTS (D 1557) TO THE DEPTH OF 18 IN. UNLESS OTHERWISE SPECIFIED. THIS SHALL BE CERTIFIED BY A QUALIFIED CIVIL ENGINEER. THIS CERTIFICATION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
12. MANHOLE TOPS IN IMPROVED AREAS OF WAY TO BE 4" ABOVE FINISHED GRADE.
13. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 206-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

DOUBLE SCALE PROFILE ALIGNMENT AND GRADE PAGE 1 OF 2

SANITARY SEWERS
 TO BE CONSTRUCTED IN
 TRACT NO. 43732

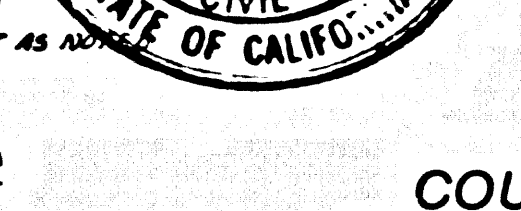
PRIVATE CONTRACT NO. 11153
 INDEX U-126
 2 SHEETS, 4 PAGES

SCALE: VERT. 1"=8'
 HORIZ. 1"=40'
 NOVEMBER, 1990

PREPARED IN THE OFFICES OF
 HUNSAKER & ASSOC. - S. HUGHES - IRVING, CALIF. 92718
 BY Philip D. Dewey 11/2/90 TEL. NO. (714) 585-1100
 REG. CE NO. 20273 EXP. 3-31-96

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:

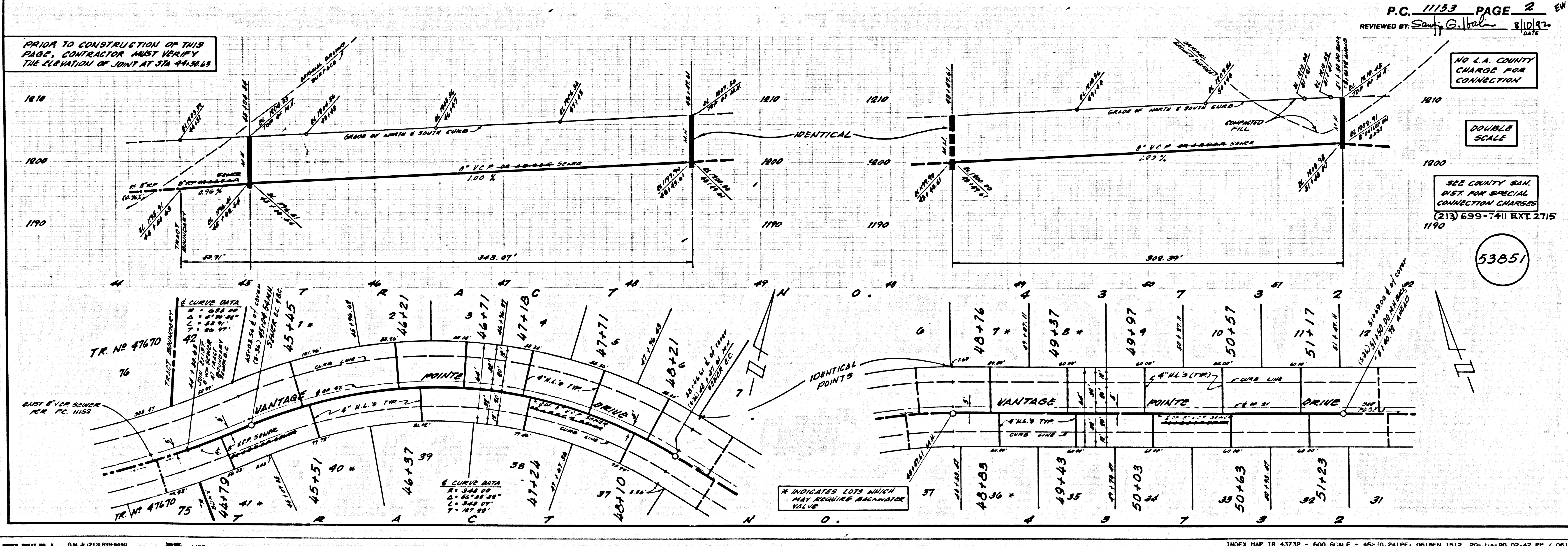
LEGEND	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK SEWER MANHOLE	5-3
REINFORCED PRECAST CONCRETE MANHOLE	5-3L
STANDARD MANHOLE STEP	5-17
SECTIONS FOR SEWER PIPE	5-21
STAKING AND ENCASUREMENT	5-23
EYE OR TEE SUPPORT	5-28
ALLOWABLE TRENCH WIDTHS	5-33
SOILING MANHOLE FRAME AND COVER	5-38
NON-REINFORCED PRECAST CONCRETE ARMY MANHOLE	5-38



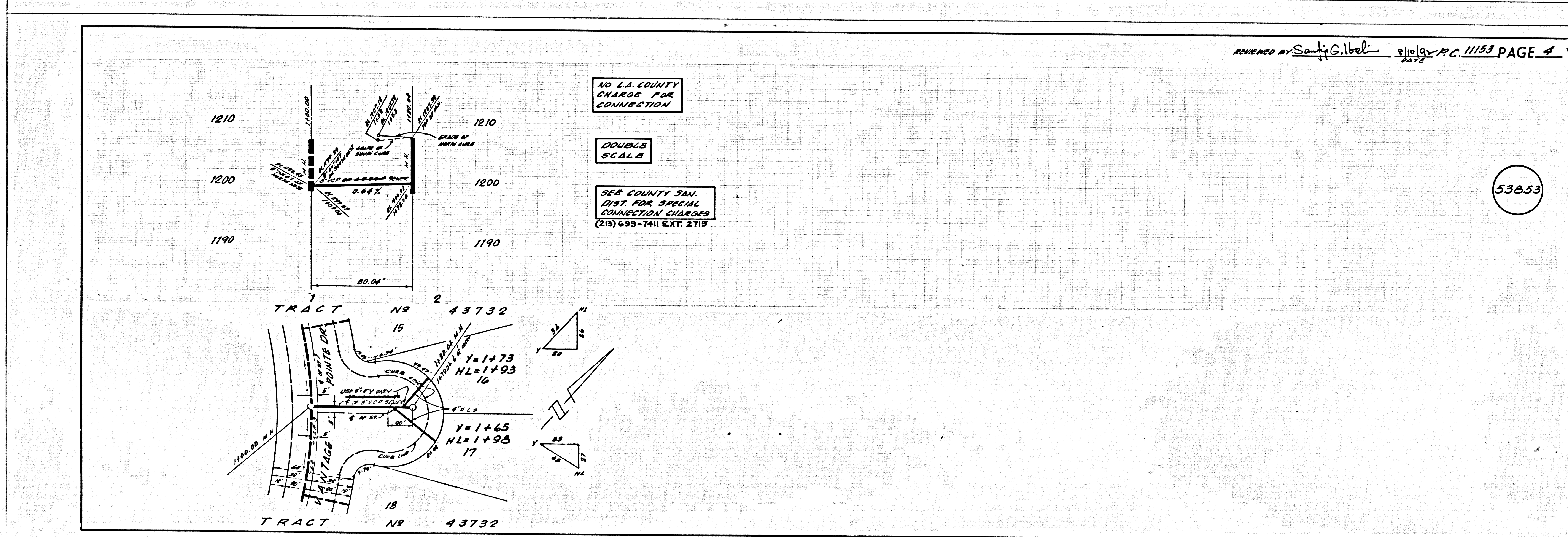
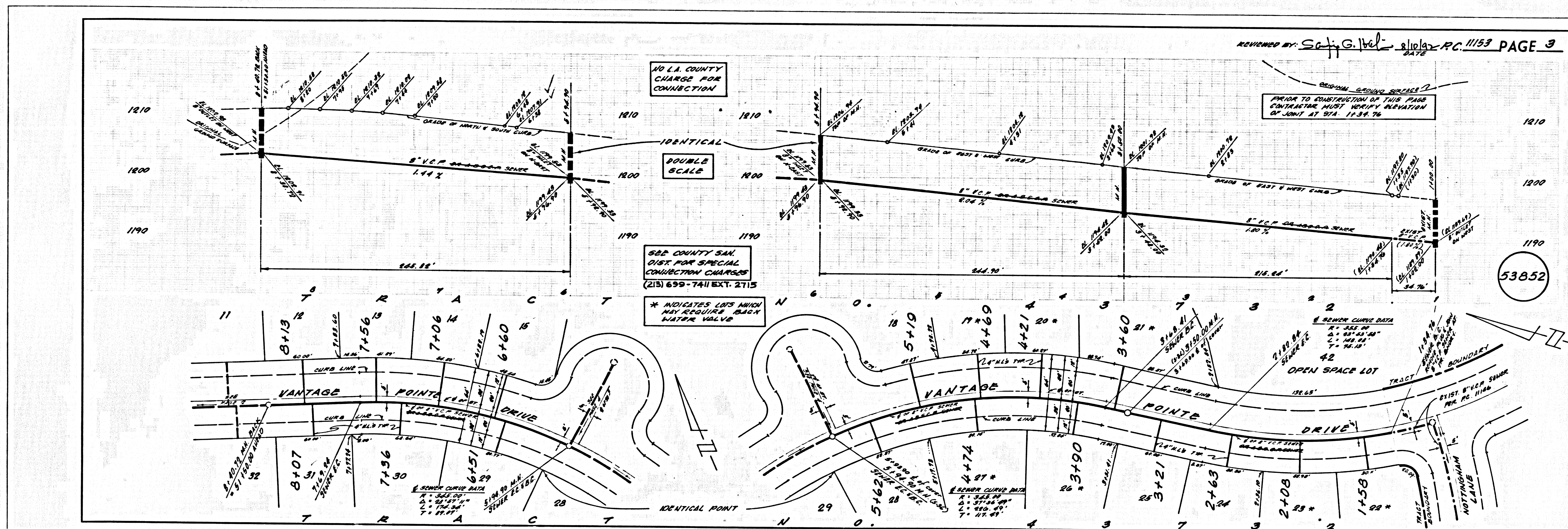
COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARRY, CHIEF ENGINEER

APPROVED: Brian J. Lankford 11/2/90 APPROVED: [Signature] 11/2/90
 REG. CE NO. 20273 REG. CE NO. 20273

CHECKED: Tom Hood 11/2/90
 REG. CE NO. 20273
 LA PUENTE BLDG. DIST. 2



1
 BC 1123
 25785 AN TONAT
 156ACT NO 43732



57

PC 11153

53852

53853

TRACT NO 43732