

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 TO BE USED FOR THE CONNECTION OF A.B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
18. A.B.S. SOLID WALL PIPE MUST BE USED FOR NYE AND HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MANHOLE SEWER PIPE.
19. A.B.S. COMPOSITE PIPE SHALL BE INSTALLED IN CONFORMANCE WITH THE TABLE IN SECTION B-31.1 OF PART IV OF THE SPECIAL PROVISIONS.
20. THREE DEGREE DEFLECTION ANGLES ARE ALLOWED FOR RADII OF CURVATURE LESS THAN 300 FEET WHEN USING 8" A.B.S. COMPOSITE PIPE.
21. NO CONNECTION FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A.B.S. COMPOSITE PIPE IS USED.
22. SEWER LINE CURVATURE SHALL NOT BE ACCOMMODATED BY PULLING OF LANTS OR BENDING PIPE OVER WORK USING PLASTIC PIPE INCLUDING A.B.S. COMPOSITE PIPE.
23. ALL NYE AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST 6 FT. FROM ANY EXISTING UTILITY AND CLOSER THAN 10 FT. TO ANY MANHOLE.
24. A.B.S. SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MANHOLE SEWER.
25. ONLY NYE BRANCHES ARE TO BE USED FOR CONNECTION TO A.B.S. COMPOSITE MANHOLE 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 CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (818) 962-8055 SO THAT REQUIRED INSPECTION CAN BE MADE.

LOT NO. 16 IS RESTRICTED TO NO CONSTRUCTION AND SHALL NOT BE SERVED BY PC 11152

GENERAL NOTES:

1. A SEWER CONSTRUCTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION INFORMATION AND RECORD PLANS TO THE DEPARTMENT OF PUBLIC WORKS AT THE PERMIT OFFICE, 800 SOUTH FRESHWATER AVENUE, 8TH FLOOR, VAN NUYS, AT LEAST 72 HOURS PRIOR TO STARTING WORK UNDER THIS CONTRACT. COPIES OF ALL OTHER REQUIRED PERMITS, SUCH AS ROAD EXCAVATION, 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. SUCH A PERMIT AND CERTIFICATE OF WORKER'S COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS MUST BE FILED WITH THE PERMIT APPLICATION. THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.
3. WORK IS TO BE DONE IN STATE HIGHWAY. A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, 120 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 DISTRICT OFFICE LISTED ON THE APPLICATION FOR CONSTRUCTION PERMIT TO ARRANGE FOR AN ACCEPTABLE CONSTRUCTION START DATE. HE SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE (714) 999-7447 AT LEAST TWENTY-FOUR 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 MAY 21, 1988, AND SHALL BE PROCEEDED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS PERSONNEL.
8. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 1.01.4 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION IN REGARD TO SAFETY ORDERS AND SHALL CONFORM TO THE "MINIMUM PUBLIC SAFETY REQUIREMENTS" AS SHOWN ON LOS ANGELES DEPARTMENT OF PUBLIC WORKS STANDARD S-2.
9. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. 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 POINTS BETWEEN DESIGNATED POINTS. THE OTHER GRADES ARE ESTABLISHED SO AS TO CONFORM TO A SMOOTH LINE 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 "ON" IT BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED TO 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 FURNISH 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. WITHEED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "C" PER STANDARD SPECIFICATIONS SECTION 208-2.
3. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER STANDARD PLAN S-23, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
4. ALL JOINTS BETWEEN CAST IRON PIPE AND WITHEED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "D" WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 208-2.
5. HOUSE LATERALS TO BE CONSTRUCTED WITH APPROXIMATELY 1/4" CLEARANCE FROM THE MAIN LINE SEWER EXCEPT AS NOTED.
6. NYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
7. IN DURING THE COURSE OF CONSTRUCTION, IF IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MANHOLE OR HOUSE LATERAL, THE SEWER WHICH IS NOT INDICATED ON THE PLANS AND THE PIPE SHALL BE ENCASED PER STANDARD PLAN S-23, CASE II, UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
8. ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER STANDARD PLAN S-23 OR PRECAST CONCRETE SEWER MANHOLES PER STANDARD PLAN S-26 OR REINFORCED PRECAST CONCRETE MANHOLE PER STANDARD PLAN S-26 EXCEPT AS NOTED.
9. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH THE PERMITS.
10. FILL COMPACTED WITH SECTION 1.01.4 OF THE STANDARD SPECIFICATIONS WILL BE PROVIDED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS 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 FILLS OUTSIDE OF STREET RIGHT OF WAY SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM SOIL COMPACTION TEST D 1557-76 METHOD "D" 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 ACCEPTANCE OF THE WORK BY THE COUNTY.
12. MANHOLE TOPS IN UNPAVED AREAS OR WAYS TO BE OPEN WITH FINISHED GRADE.
13. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 208-14 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

DOUBLE SCALE PROFILE ALIGNMENT AND GRADE OF **PAGE 1**

SANITARY SEWERS

TO BE CONSTRUCTED IN

TRACT No 47670

PRIVATE CONTRACT NO. 11152

INDEX U-126
3 SHEETS, 6 PAGES

SCALE: VERT. 1" = 8'
HORIZ. 1" = 40'

OCT., 19 90

PREPARED IN THE OFFICES OF
HUNSAKER & ASSOCIATES - 3 HUGHES - IRVING CH 22718
BY **Philip D. Deady** 1/1/90 TEL. NO. (213) 383-1010
REG. CE NO. 42058
EXP. 3-31-90

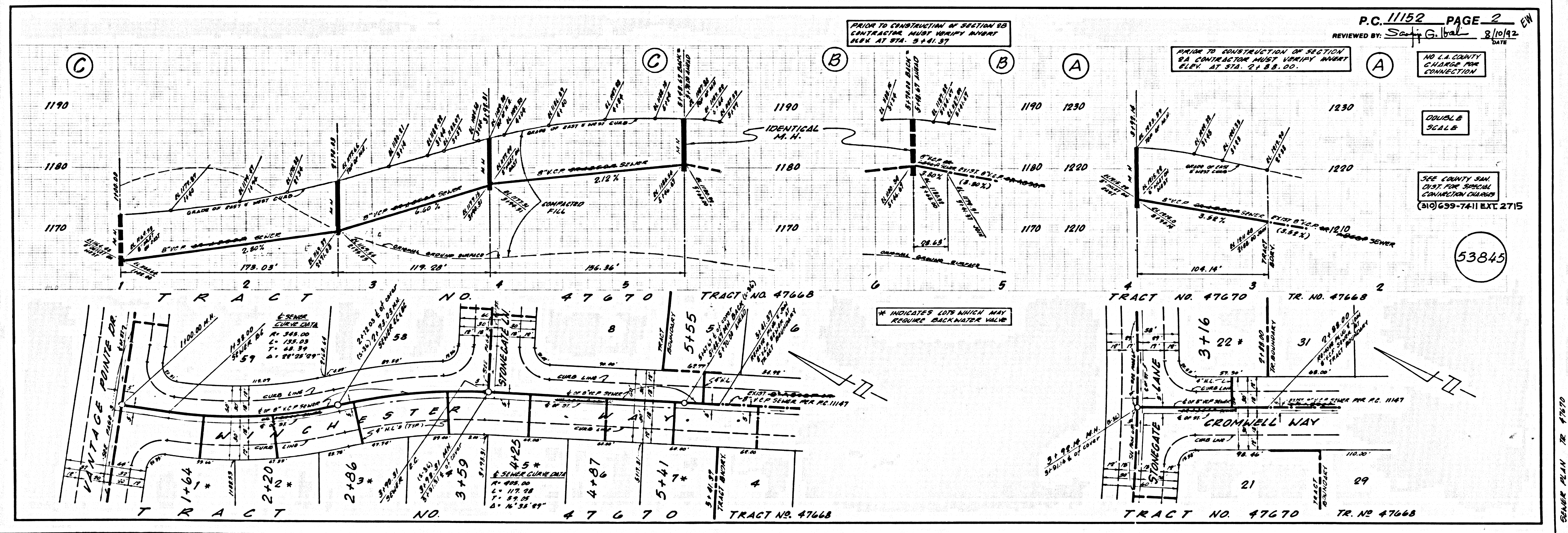
53844

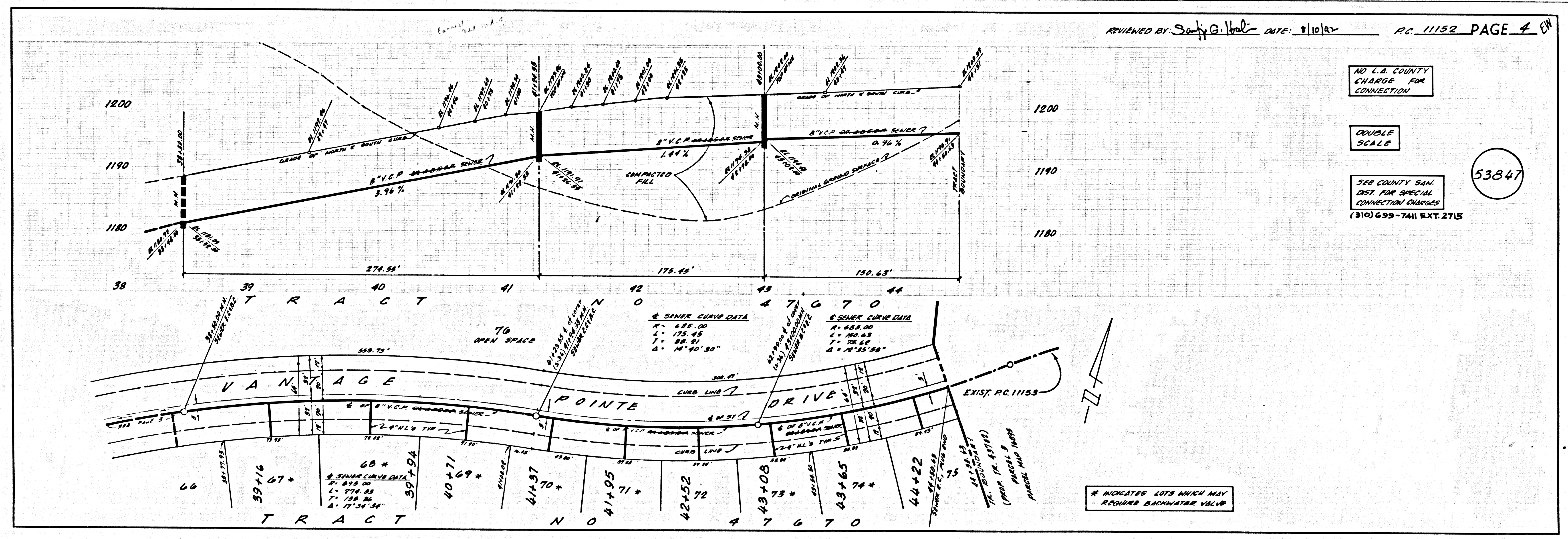
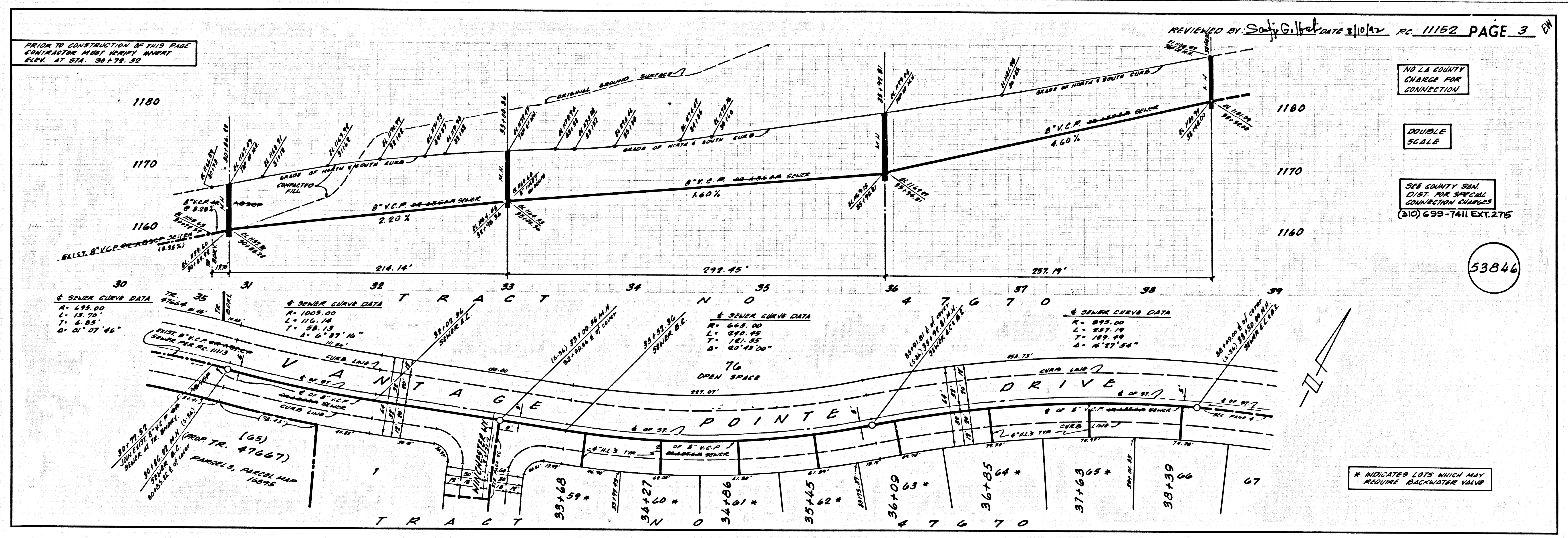
THE FOLLOWING LATEST REVISION STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

REVISION	DATE
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-1
BRICK, PERMITS	8-2
REINFORCED PRECAST CONCRETE MANHOLE	8-3
STANDARD MANHOLE TOP	8-4
BEDDING FOR SEWER PIPE	8-5
STANDING AND ENCASUREMENT	8-6
NYE OR TEE SUPPORT	8-7
ALLOWABLE TRENCH WIDTHS	8-8
LOCKING MANHOLE FRAME AND COVER	8-9
NON-REINFORCED PRECAST CONCRETE	8-10

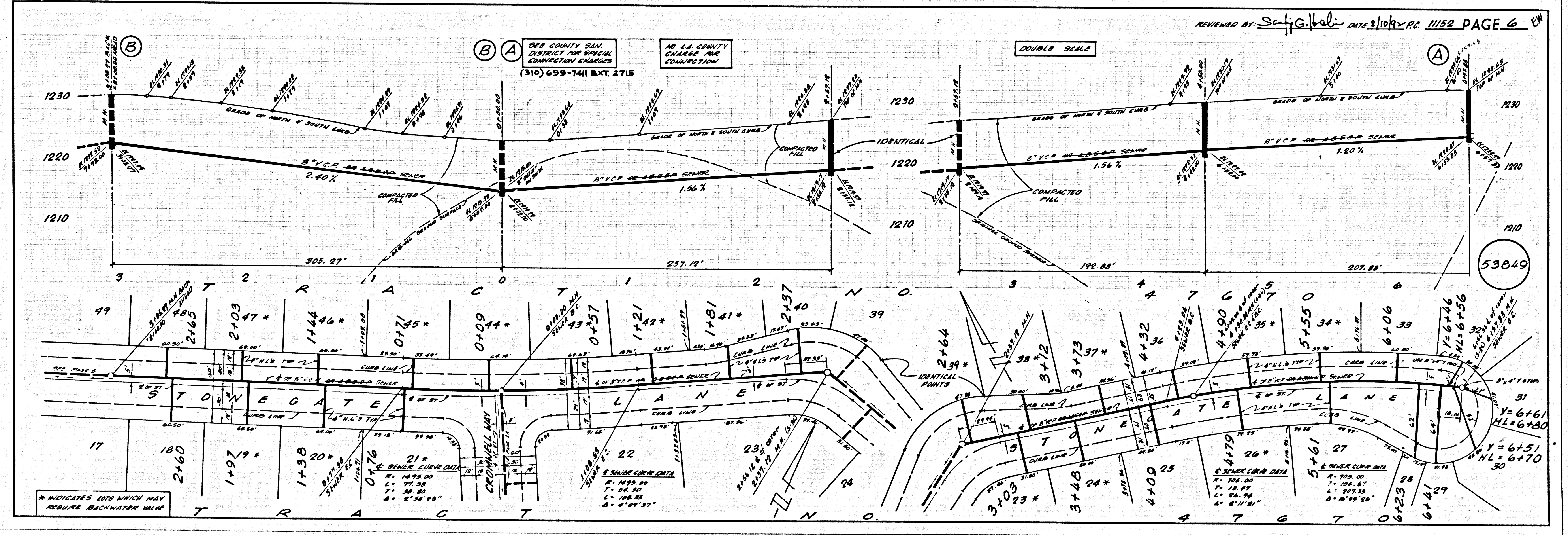
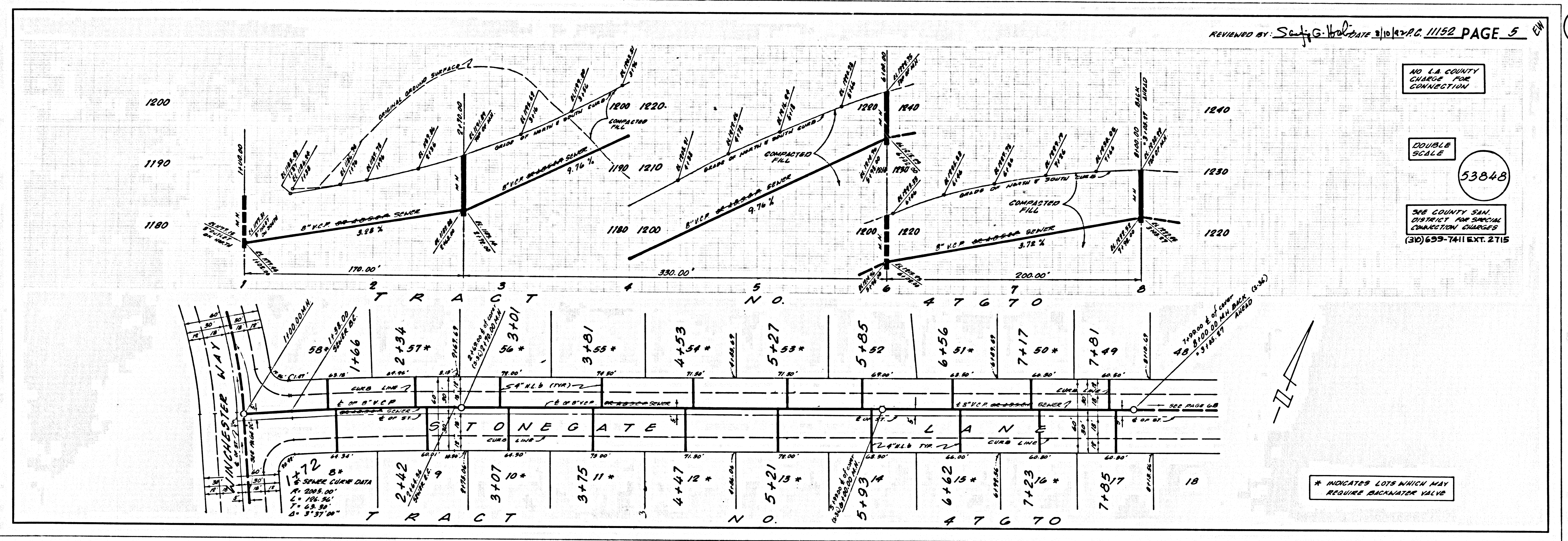
COUNTY OF LOS ANGELES, CALIFORNIA
THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS
CHARLES W. CARRY, CHIEF ENGINEER

APPROVED **Philip D. Deady** 1/1/90
CHECKED **Tom Hargland** 8/1/90
REG. CE NO. 42073
LA PUENTE BLDG. DIST. 2





5
S2111 39
07074 9N T3ART



3

TRACT NO. 47670