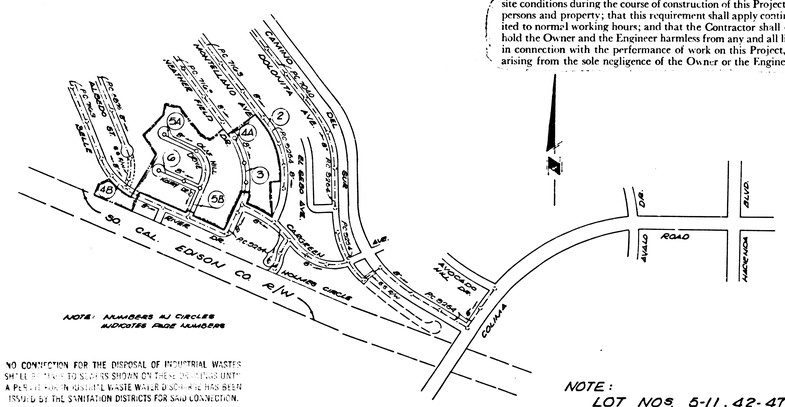
B.M. B.G. 3185 ELEV. 593.364
R.D.B.M. TAG IN C.B. 6' N'LY. ± COLIMA RD. & 90' W'LY. ± VIEWFIELD AVE. @ STATION 111+15.00
WHITTIER QUAD. 1970 (ADJ.)

PRIVATE ENGINEERS NOTICE TO CONTRACTORS

THE EXISTENCE AND APPROXIMATE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE DETERMINED BY A SEARCH OF THE AVAILABLE PUBLIC RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO UNDERGROUND UTILITIES OR STRUCTURES EXCEPT AS SHOWN.
THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES AND STRUCTURES SHOWN AND ANY OTHER UTILITIES AND STRUCTURES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

Robert R. Flores 10-12-1976
ROBERT R. FLORES R.C.E. NO. 11349 DATE

Contractor agrees that he shall assume sole and complete responsibility for job-site conditions during the course of construction of this Project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the Contractor shall defend, indemnify and hold the Owner and the Engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this Project, excepting for liability arising from the sole negligence of the Owner or the Engineer.



NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE PLANS UNTIL A PERMIT FOR AN INDUSTRIAL WASTE WATER 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 (562) 699-7411 SO THAT REQUIRED INSPECTION CAN BE MADE.

INDEX MAP

TRACT No. 29719
P.C. No. 9341
SCALE: 1"=600'
J. N. 0250.02

NOTE:
LOT NOS. 5-11, 42-47, G0-G3 ARE SERVED BY EXISTING P.C. NO. 9254 PER EXISTING TRACT NO. 30941.
LOT NOS. 2, 3 & 4 ARE SERVED BY EXISTING P.C. NO. 7163 PER EXISTING TRACT NO. 29942.

ISSUE NO PERMITS UNTIL P.C. NO. 9254 IS ACCEPTED

DOUBLE 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 COUNTY ENGINEER.
3. NO REPRESENTATIVE OF THE COUNTY ENGINEER 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 THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
5. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER 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 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 PER EACH HOUSE LATERAL ON THE GRADE SHEET.
7. 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. 7 ... AND PAY A FEE TO THE COUNTY ENGINEER, 900 E. BONITA AVE., SAN DIMAS REGIONAL OFFICE, 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, 120 SOUTH SPRING 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 7-10.4.3 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT BY THE COUNTY ENGINEER, THE CONTRACTOR SHALL OBTAIN A PERMIT TO EXCAVATE FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL AND SAFETY.

CONSTRUCTION NOTES:

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1976 EDITION) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 21, 1976 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
2. THE CONTRACTOR SHALL NOTIFY THE DESIGN DIVISION BY TELEPHONE, (213) 974-7283 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 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", "F", OR "G" PER STANDARD SPECIFICATIONS SECTION 208-2.
9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE EN-CASED, PER S-23, CASE II, 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 V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-23, CASE II 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 208-2.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.4 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 306-1.5 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 ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
15. SPECIAL BACKFILL IN DESIGNATED AREAS:
A) BACKFILL TRENCH AND REPLACE OTHER EARTH REMOVED SO AS TO ACHIEVE THE NATURAL OR INTENDED CURVES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS TRACT BY THE BUILDING AND SAFETY DIVISION.
B) ALL EARTH AND BACKFILL REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STANDARD METHOD OF TESTING D-1557-57T AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE DESIGN DIVISION.

PROFILE, ALIGNMENT AND GRADE OF

SANITARY SEWERS

PAGE 1

CONSTRUCTED IN

TRACT NO. 29719

PRIVATE CONTRACT NO. 9341

W.S. 37 E/5
3 SHEETS; 6 PAGES
SCALE: VERT. 1"=8' HORIZ. 1"=40'
JANUARY, 1977
PREPARED IN THE OFFICES OF
KEMMERER ENGINEERING CO., INC.
WHITTIER, CALIF. (213) 698-0731
BY: Robert R. Flores
REG. C. E. No. 11349

45,884

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

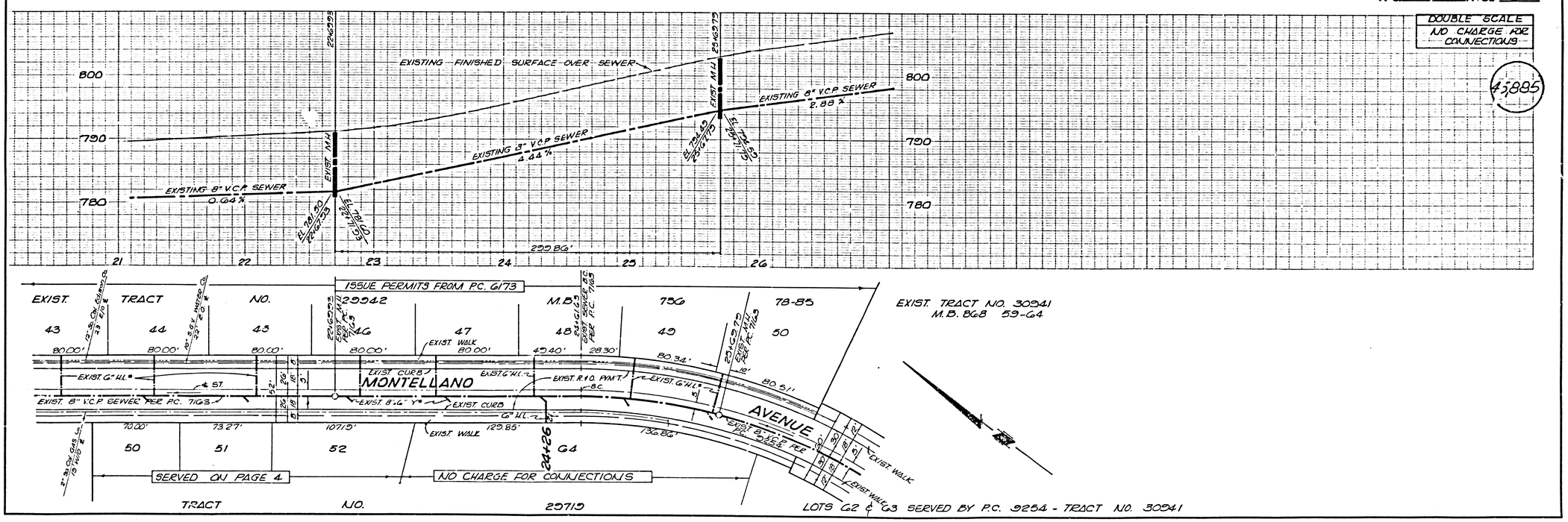
LEGEND	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3
STANDARD MANHOLE STEP	S-17
BEDDING FOR SEWER PIPE	S-21
CRADLING AND ENCASEMENT	S-23
WYE OR TEE SUPPORT	S-36
ALLOWABLE TRENCH WIDTHS	S-33
LOCKING MANHOLE FRAME AND COVER	S-35
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-36
SADDLE	S-38

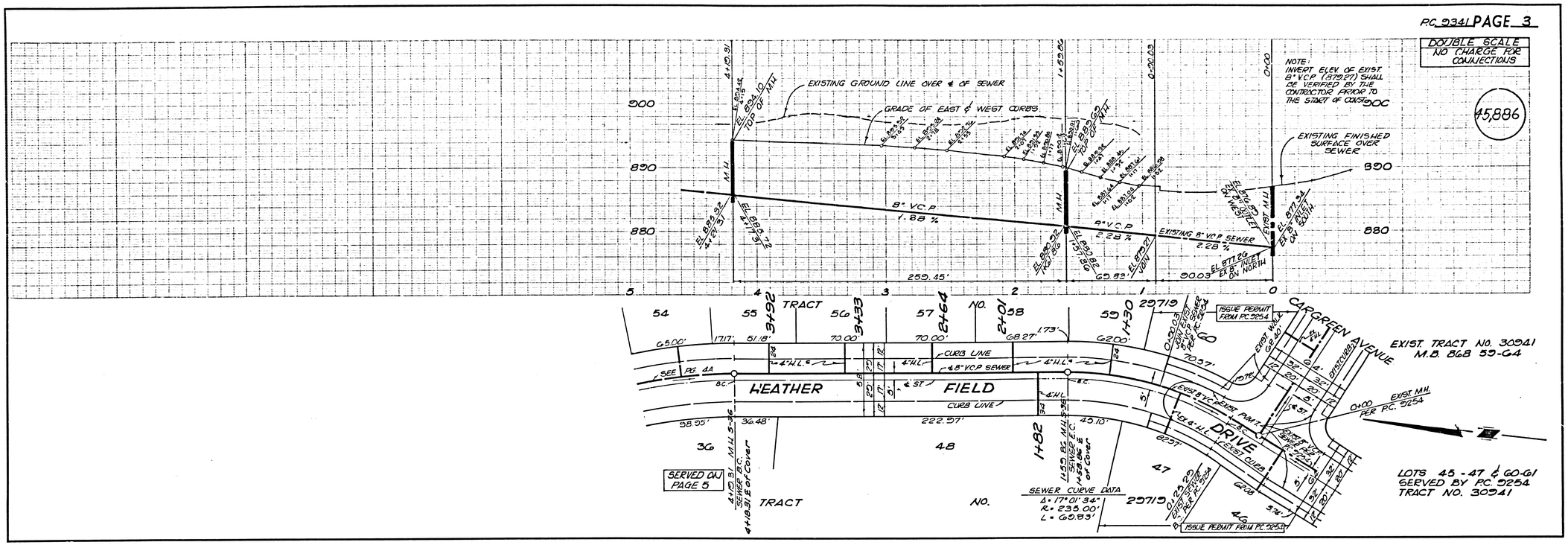
COUNTY OF LOS ANGELES, CALIFORNIA
DEPARTMENT OF COUNTY ENGINEER JOHN D. PARKHURST, CHIEF ENGINEER
APPROVED R. F. Harding SAN DIMAS REGIONAL ENGINEER
APPROVED Frank R. Vai 3-18-77 SR. SANITARY OFFICE ENGINEER
CHECKED Thomas A. Hayward 3-11-77 DATE
REG. C.E. NO. 19156
LA PUENTE BLDG. DIST. 20
J. N. 0250.02

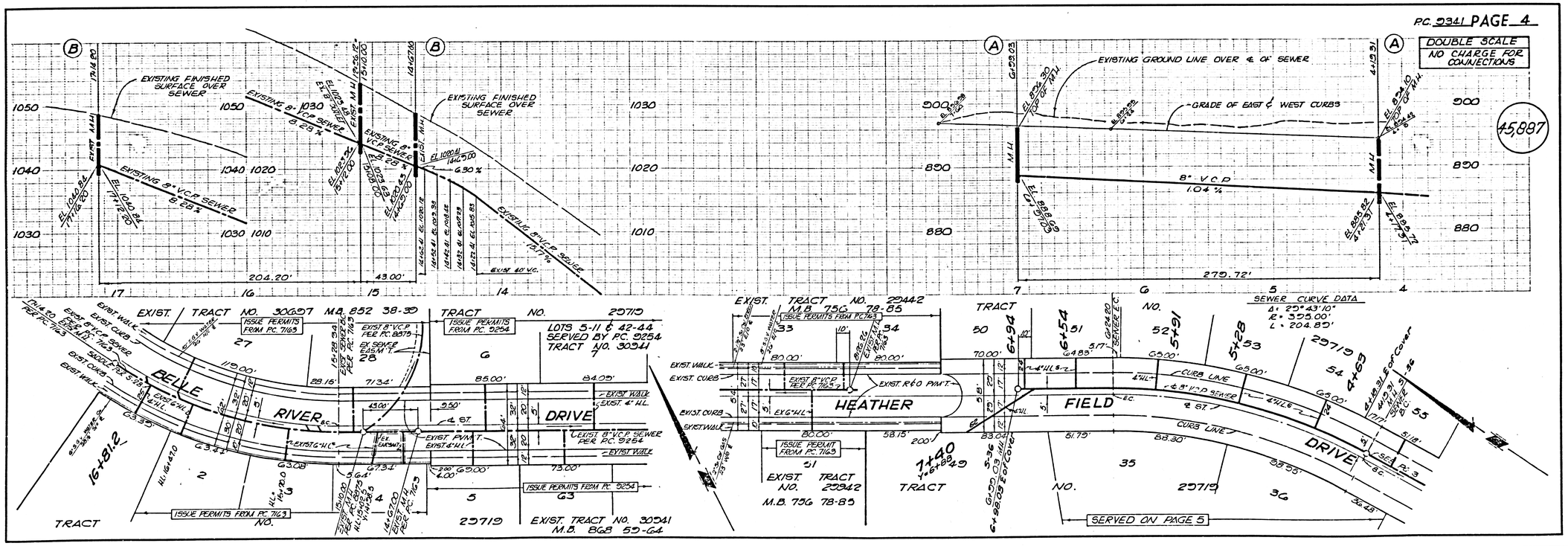
P. C. 9341 PAGE 2

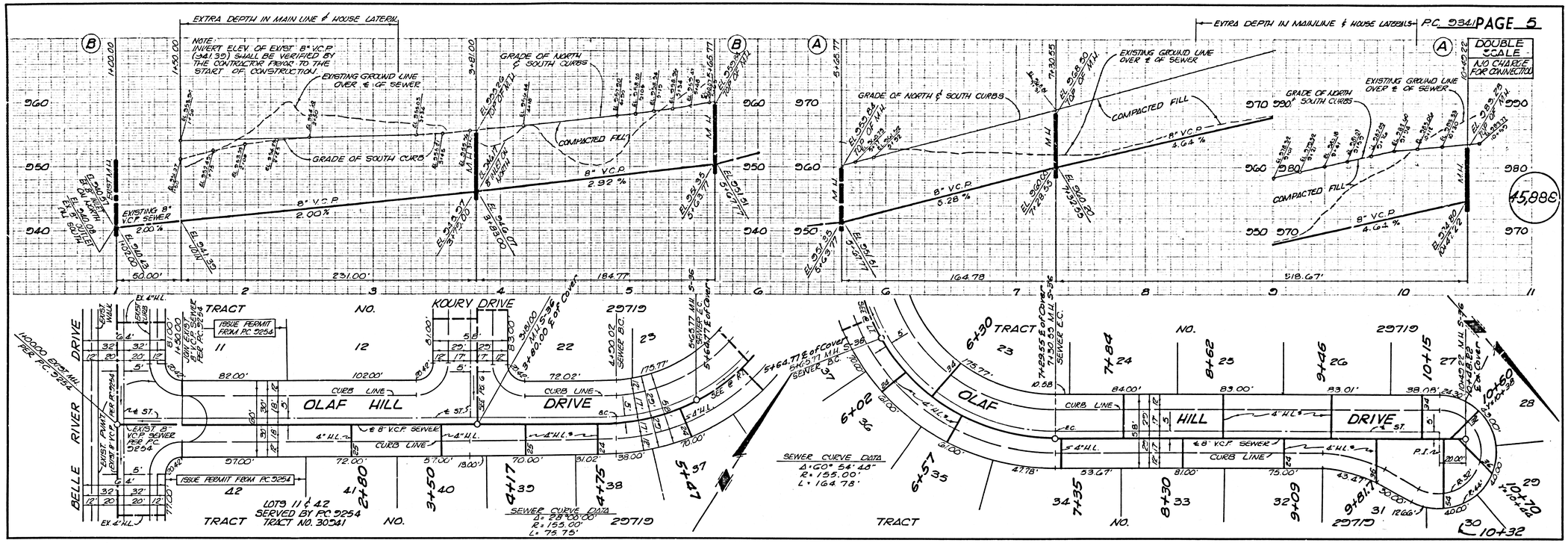
DOUBLE SCALE
NO CHARGE FOR CONNECTIONS

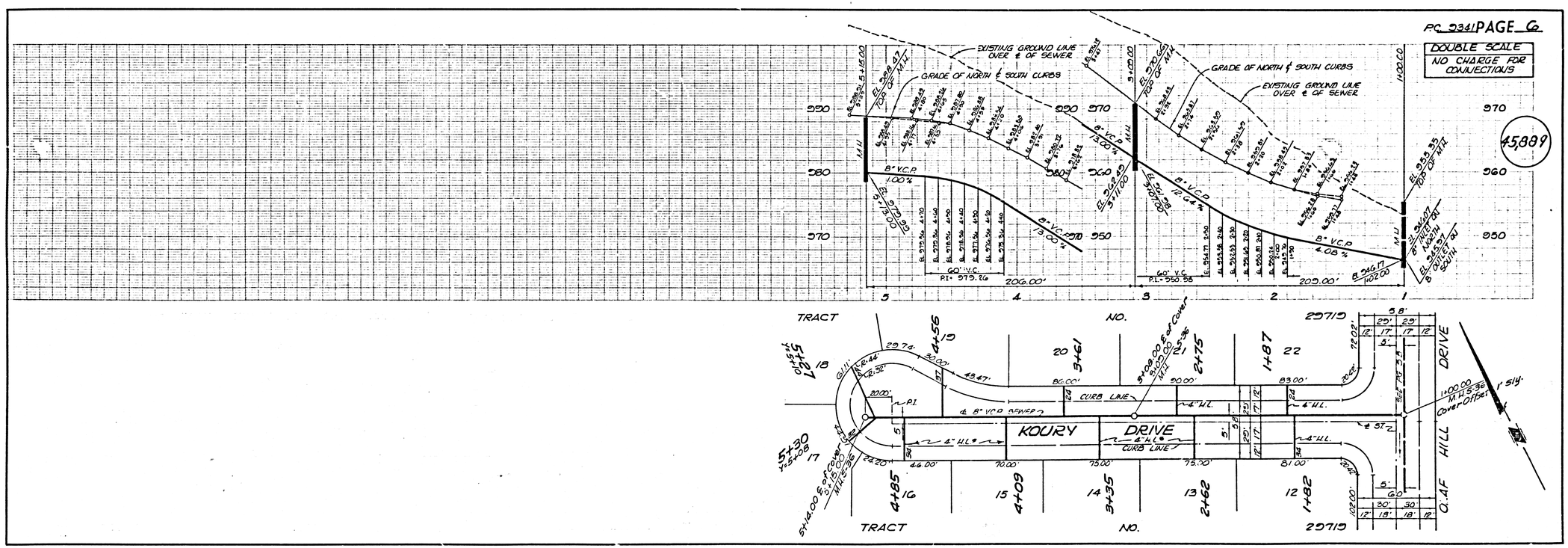
43,885




DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
45,886
NOTE:
INVERT ELEV. OF EXIST. 8" V.C.P. (87937) SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION
EXISTING GROUND LINE OVER ℄ OF SEWER
GRADE OF EAST & WEST CURBS
EXISTING FINISHED SURFACE OVER SEWER
8" V.C.P.
1.88 %
2.28 %
EXISTING 8" V.C.P. SEWER
259.45'
60.83'
90.03'
TOP OF M.H.
EXIST. M.H.
EX. 8" INLET ON NORTH
EX. 8" INLET ON SOUTH
TRACT NO. 3492
TRACT NO. 3433
TRACT NO. 8464
TRACT NO. 2401
TRACT NO. 2571
TRACT NO. 1430
HEATHER FIELD DRIVE
CARGREEN AVENUE
EXIST. TRACT NO. 30941
M.B. 868 59-64
ISSUE PERMIT FROM P.C. 9254
SEE PG. 4A
SERVED ON PAGE 5
SEWER CURVE DATA
Δ = 17°01'34"
R = 233.00'
L = 69.83'
LOTS 45-47 & 60-61
SERVED BY P.C. 9254
TRACT NO. 30941


DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
45,887
EXISTING FINISHED SURFACE OVER SEWER
EXISTING 8" V.C.P. SEWER
EXISTING 8" V.C.P. SEWER 8.29 %
EXISTING 8" V.C.P. SEWER 8.25 %
EXISTING 8" V.C.P. SEWER 15.77 %
EXISTING GROUND LINE OVER ℄ OF SEWER
GRADE OF EAST & WEST CURBS
8" V.C.P.
1.04 %
204.20'
43.00'
279.72'
EXIST. TRACT NO. 30607 M.B. 852 38-39
TRACT NO. 25719
LOTS 5-11 & 42-44
SERVED BY P.C. 9254
TRACT NO. 30941
EXIST. TRACT NO. 30941
M.B. 868 59-64
EXIST. TRACT NO. 22942
M.B. 756 78-85
BELLE RIVER DRIVE
HEATHER FIELD DRIVE
SEWER CURVE DATA
Δ = 29°43'10"
R = 355.00'
L = 204.80'
ISSUE PERMITS FROM P.C. 7163
ISSUE PERMITS FROM P.C. 9254
SERVED ON PAGE 5


P.C. 2341 PAGE 5
EXTRA DEPTH IN MAIN LINE & HOUSE LATERAL
NOTE: INVERT ELEV. OF EXIST. 8" V.C.P. (341.35) SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION
EXISTING GROUND LINE OVER ℄ OF SEWER
GRADE OF NORTH & SOUTH CURBS
GRADE OF SOUTH CURB
COMPACTED FILL
8" V.C.P.
2.00 %
2.92 %
0.28 %
4.64 %
4.04 %
EXISTING 8" V.C.P. SEWER
DOUBLE SCALE
NO CHARGE FOR CONNECTION
45,888
TRACT NO. 29719
KOURY DRIVE
OLAF HILL DRIVE
BELLE RIVER DRIVE
ISSUE PERMIT FROM P.C. 3254
LOTS 11 & 42 SERVED BY P.C. 3254 TRACT NO. 30341
SEWER CURVE DATA
Δ = 28°00'00"
R = 155.00'
L = 75.75'
SEWER CURVE DATA
Δ = 60° 54' 48"
R = 155.00'
L = 164.78'
CURB LINE
℄ 8" V.C.P. SEWER
4" H.L.
℄ ST.
P.I.


P.C. 2341 PAGE 6
DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
45,889
EXISTING GROUND LINE OVER ℄ OF SEWER
GRADE OF NORTH & SOUTH CURBS
8" V.C.P.
1.00 %
13.00 %
12.64 %
4.08 %
60' V.C.
P.I. 279.26
P.I. 290.58
206.00'
205.00'
TRACT NO. 29719
KOURY DRIVE
OLAF HILL DRIVE
CURB LINE
℄ 8" V.C.P. SEWER
4" H.L.
℄ ST.
P.I.