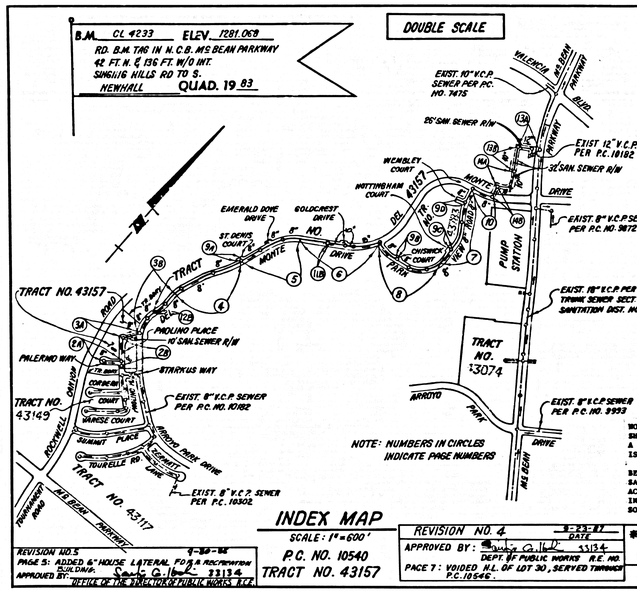



## INDEX MAP

SCALE: 1" = 600'

P.C. NO. 10540

TRACT NO. 43157

| REVISION NO. 5 | 9-28-84 |
|---|---|
| PAGE 5: ADDED 6" HOUSE LATERAL FOR A RECREATION BUILDING. | |
| APPROVED BY: Sam G. Ibel 33134 OFFICE OF THE DIRECTOR OF PUBLIC WORKS R.E. | |

| REVISION NO. 4 | 5-23-87 DATE |
|---|---|
| APPROVED BY: Sam G. Ibel 33134 DEPT. OF PUBLIC WORKS R.E. NO. | |
| PAGE 7: VOIDED M.L. OF LOT 30, SERVED THROUGH P.C. 10546. | |

| REVISION NO. 3 | 10/17/84 DATE |
|---|---|
| APPROVED BY: K. Wong 10/17/84 DEPT. OF PUBLIC WORKS R.E. NO. | |
| PAGE 1: REVISED KEY MAP. 2 SHTS. (2 PAGES) TO 3 SHTS. IN PAGES (REVISED ALIGNMENT BY PAGE 14, DELETED PAGES 14A, 14B & PAGES 15 & 16. | |
| PAGE 14: REVISED PLAN & PROFILE | |
| PAGE 14A: VOIDED PLAN & PROFILE | |
| PAGE 14B: VOIDED PLAN & PROFILE | |
| PAGE 15: NEW PAGE | |
| PAGE 16: NEW PAGE | |

| REVISION NO. 2 | 6-12-84 DATE |
|---|---|
| APPROVED BY: K. Wong 10/17/84 DEPT. OF PUBLIC WORKS R.E. NO. | |
| PAGE 1: REVISED KEY "AP" | |
| PAGE 5: REVISED GRADE & ELEV. | |
| PAGE 6: RELOCATED M.H. FROM STA. 7+65.00 TO 9+60.00. ADDED M.H. @ 9+64.69 M. REVISED GRADE & ELEV. BETWEEN STA. 9+60.00 & 9+69.33. CHANGED PIPE SIZE TO 10" BETWEEN STA. 9+60.00 & 6+83.93. | |
| PAGE 11B: REVISED GRADE & ELEV. & ADDED ENCAMPMENT | |

| REVISION NO. 1 | 5-27-87 DATE |
|---|---|
| APPROVED BY: Sam G. Ibel 33134 DEPT. OF PUBLIC WORKS R.E. NO. | |
| PAGE 1: REVISED KEY MAP | |
| PAGE 3: ADDED M.H. @ STA. 25+69.77. LOWER MAINLINE BETWEEN STA. 24+93.29 & 27+81.96 | |
| PAGE 4: LOWER MAINLINE BETWEEN STA. 20+73.36 & 24+45.29 | |
| PAGE 5: LOWER MAINLINE BETWEEN STA. 9+93.35 & 12+90.00 | |
| PAGE 6: DELETE M.H. STA. 6+95.80. ADD M.H. STA. 6+83.93. LOWER MAINLINE STA. 1+80 & 4+94.39. ADD 6" HLL | |
| PAGE 11: ADD PLAN & PROFILE 11B | |
| PAGE 12: ADD PLAN & PROFILE 12B | |

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 SANITA. LOS 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.

* LOTS 19, 52 & 53 ARE OPEN SPACE LOTS

## 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 DIRECTOR OF PUBLIC WORKS.
3. NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
4. DIMENSIONS 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 DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STACKINGS FOR ALL HOUSE LATERALS AND "Y" OR "T" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STACKING 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 COUNTY STREETS FROM THE ROAD ELEMENT OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS, DISTRICT OFFICE NO. ...8 ..... AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 2 EAST ALGARIN ST., LOS ANGELES, CALIFORNIA 90063, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
8. IF WORK IS TO 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 7.10.4.1 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 DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE ROAD ELEMENT OF THE DEPARTMENT OF PUBLIC WORKS, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, A DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKER'S COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 2 EAST ALGARIN ST., LOS ANGELES, CALIFORNIA 90063, NAMED AS THE CERTIFICATE HOLDER 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 (1985) EDITION WITH THE SUPPLEMENTS AND REVISIONS THERETO, SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPT. 27, 1986 ..... AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, 226-8291, 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. WITHERED CLAY PIPE JOINTS SHALL BE TYPE "O" OR "B" PER STANDARD SPECIFICATIONS SECTION 200-2.
9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, 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 DIRECTOR OF PUBLIC WORKS.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND WITHERED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS, SECTION 200-2.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. REPLACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
14. FULL COMPLIANCE WITH SECTION 306-1.3.6 OF THE STANDARD SPECIFICATIONS 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 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 D698.57 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.

PROFILE, ALIGNMENT AND GRADE OF

PAGE 1

# SANITARY SEWERS

TO BE CONSTRUCTED IN

## TRACT NO. 43157

## PRIVATE CONTRACT NO. 10540

A-48

7 SHEETS; 14 PAGES

51859

SCALE: VERT. 1" = 8' HORIZ. 1" = 40' JULY, 1986

PREPARED IN THE OFFICES OF

SIKAND ENGINEERING ASSOCIATES
15230 BURBANK BLVD. VAN NUYS,
CALIF. 91411, (818) 787-8550

BY: Kirsch C. Garg

REG. C.E. No. 21893 — 9/30/89 EXP. DATE

REGISTERED PROFESSIONAL ENGINEER — KIRSCH C. KARG — No. 21893 — Exp. 9.30.89 — CIVIL — STATE OF CALIFORNIA

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 | 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-26 |
| ALLOWABLE TRENCH WIDTHS | S-30 |
| LOCKING MANHOLE FRAME AND COVER | S-35 |
| NON-REINFORCED PRECAST CONCRETE MANHOLE | S-36 |

COUNTY OF LOS ANGELES, CALIFORNIA

THOMAS A. TIDEMANSON
DIRECTOR OF PUBLIC WORKS

APPROVED Carl Blum 12/9/86 (DATE)

CHECKED Henry C. Anderson 12-9-86 (DATE)

CHARLES W. CARRY
CHIEF ENGINEER

CO. SANITARY NO. 35

APPROVED 12/9/86 OFFICE ENGINEER

REG. C.E. NO. 17556

SANTA CLARITA VALLEY BLDG. DIST. 8.2

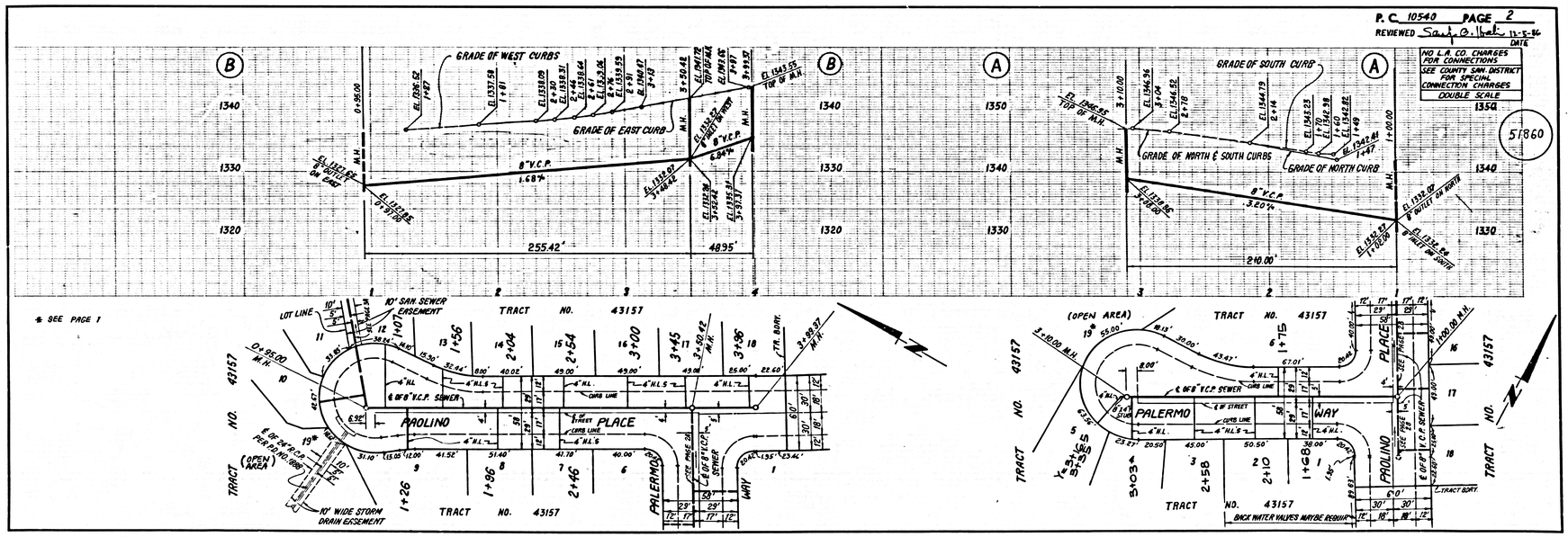
TRACT NO 43157 P.C. NO 10540 ①

P. C. 10540 PAGE 2

REVIEWED Sam G. Ibel 12-5-86 DATE

NO L.A. CO. CHARGES FOR CONNECTIONS
SEE COUNTY SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES
DOUBLE SCALE

51860




L.A. COUNTY SEWER SHEET NO. 1 G.M. Jr. (213) 669-5440 8/85

TRACT NO 43157 P.C. 10540







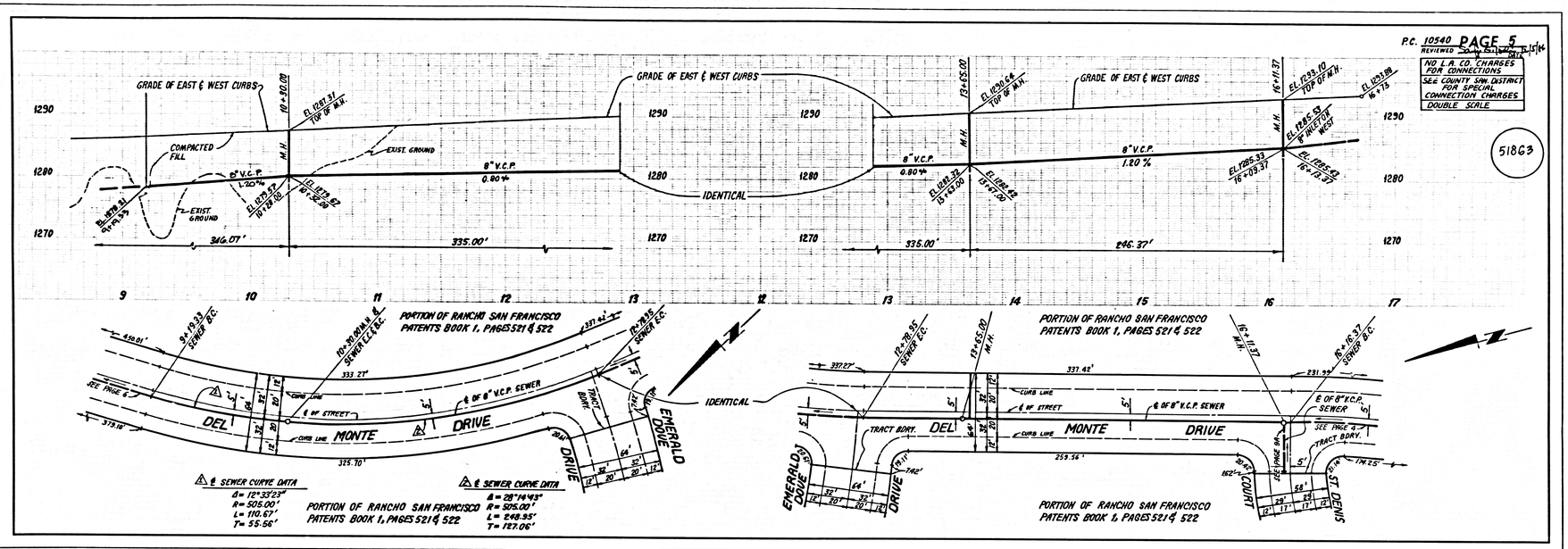
L.A. COUNTY SEWER SHEET NO. 2 G.M. Jr. (213) 699-5440 9-66

TRACT NO 43157 P.C. 10540

③

P.C. 10540 PAGE 5
REVIEWED
DATE
NO L.A. CO. CHARGES FOR CONNECTIONS
SEE COUNTY SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES
DOUBLE SCALE

51863




P.C. 10540 PAGE 6
REVIEWED
DATE
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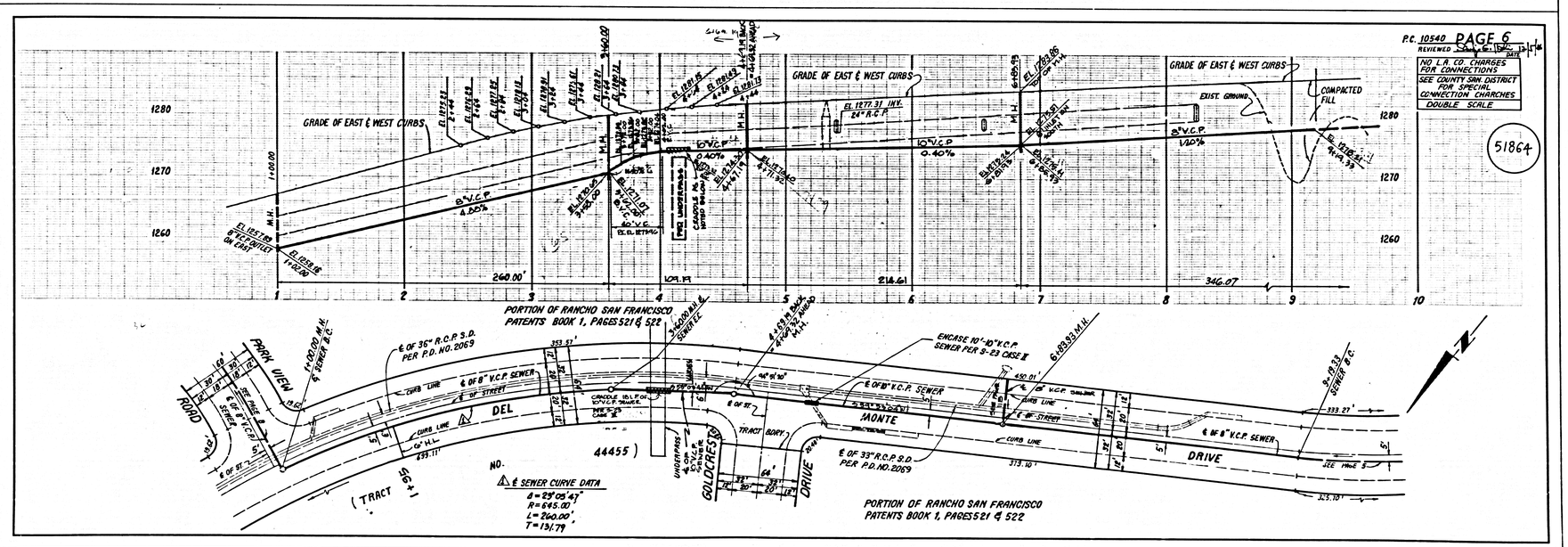
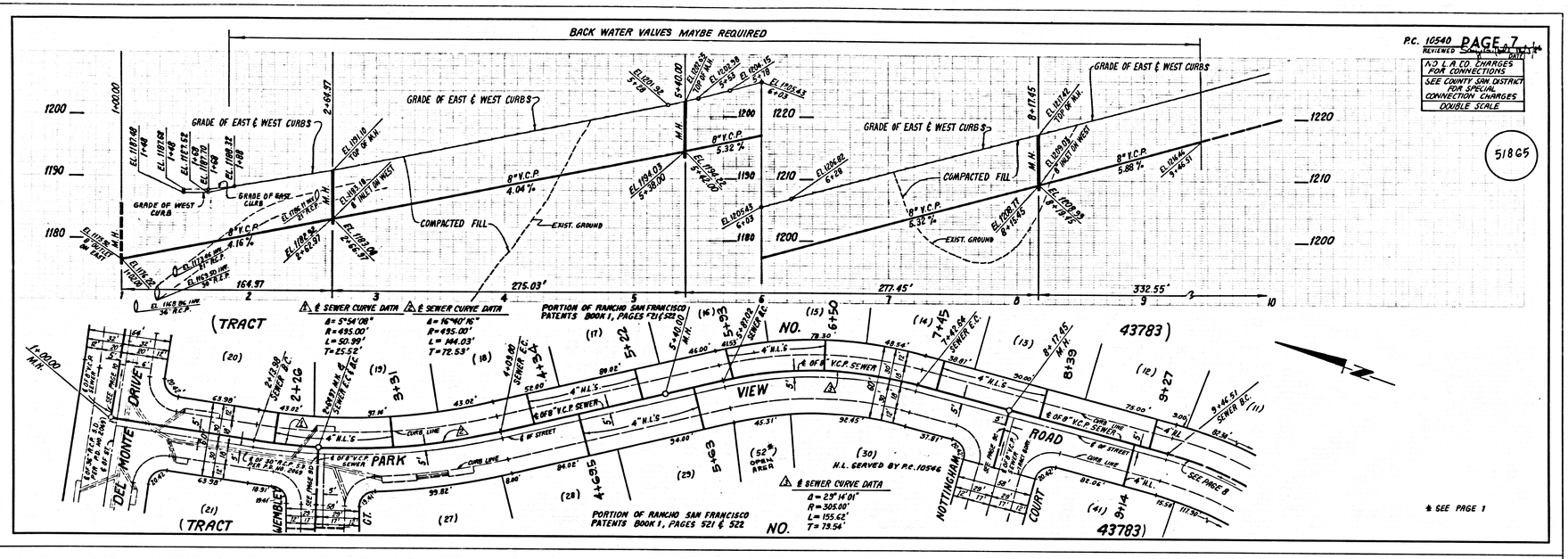
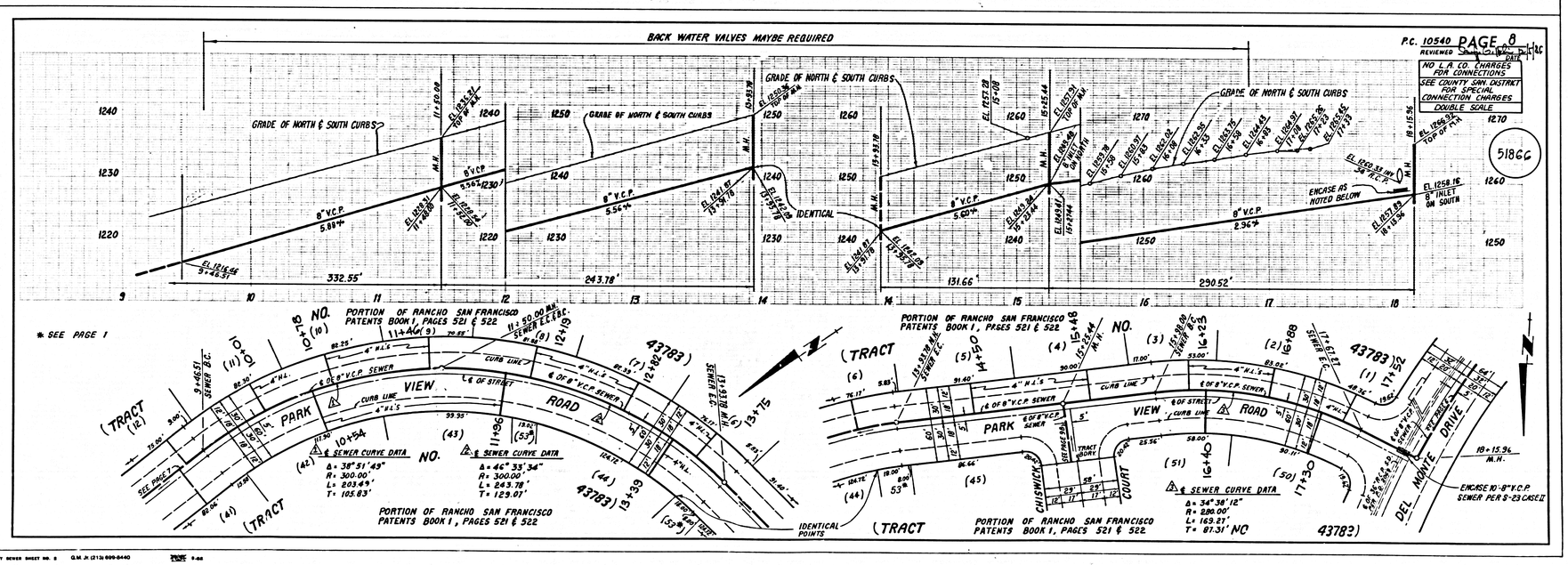
DOUBLE SCALE

51864



TRACT NO. 43121 P.C. 10540




L.A. COUNTY SEWER SHEET NO. 8 G.M. Jr. (213) 699-8440 9-66

TRACT NO 43121 P.C. 10540







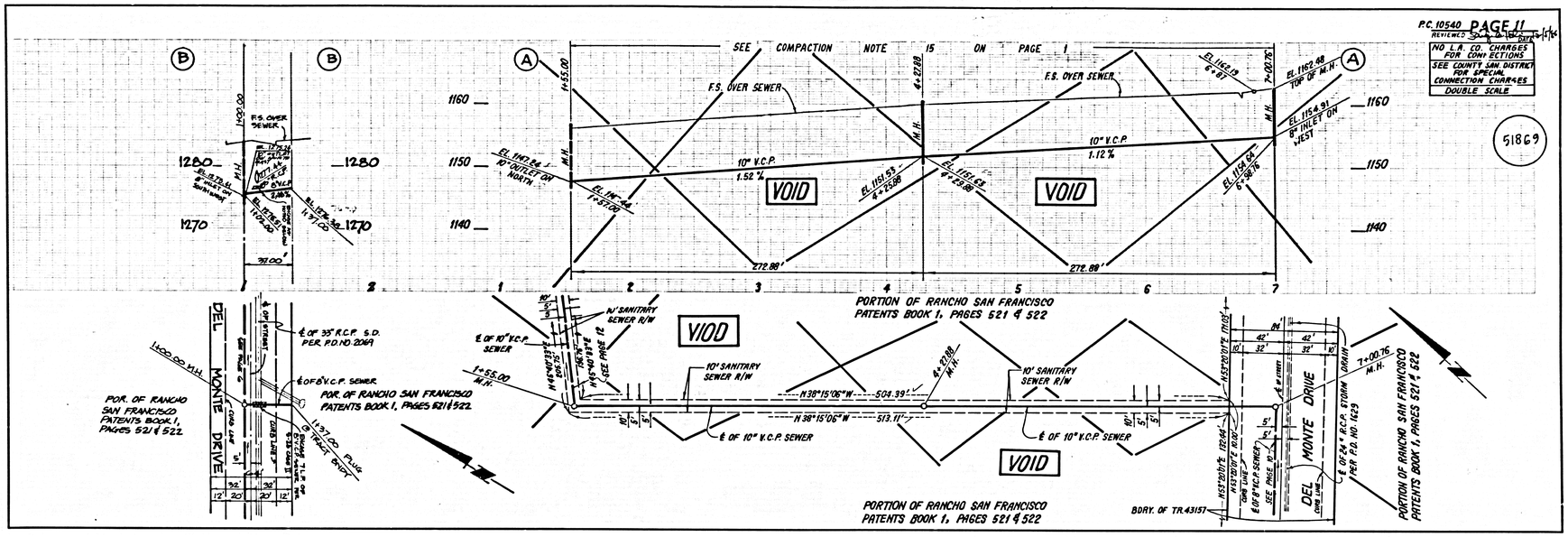
L.A. COUNTY SEWER SHEET NO. 2 G.M.J. (213) 999-0440

P.C. 10540 PAGE 11

REVIEWED [illegible] DATE 1/14/64

NO L.A. CO. CHARGES FOR CONNECTIONS
SEE COUNTY SAN DISTRICT FOR SPECIAL CONNECTION CHARGES
DOUBLE SCALE

51869




P.C. 10540 PAGE 12

REVIEWED [illegible] DATE 1/14/64

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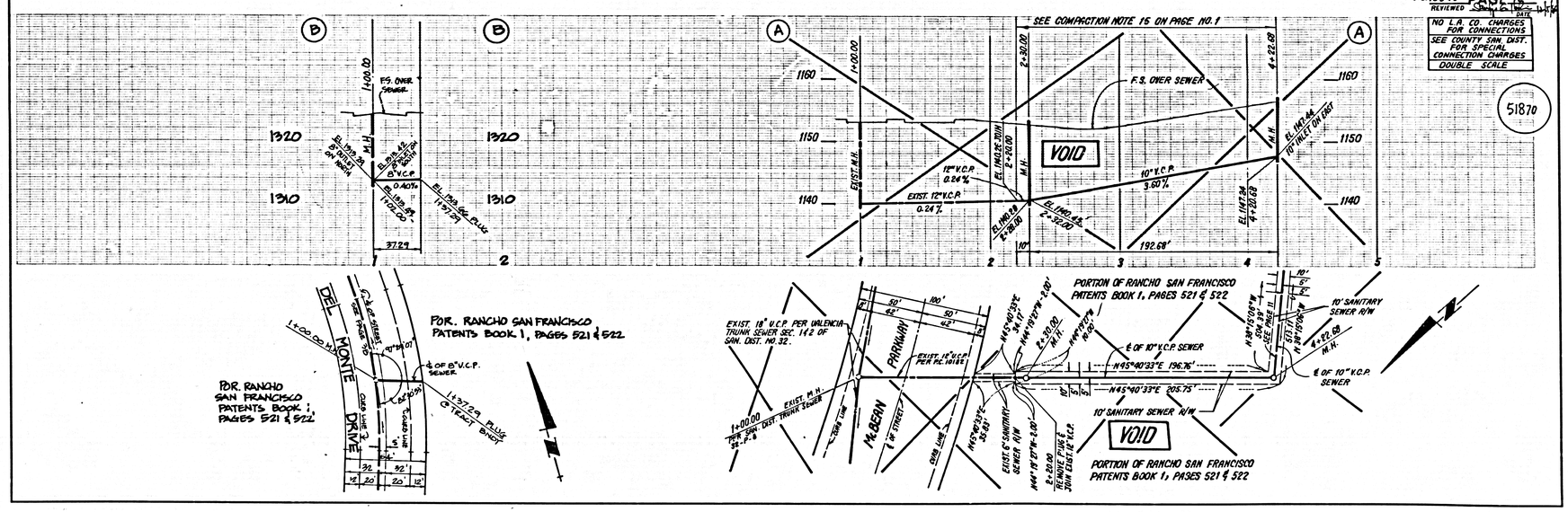
SEE COUNTY SAN. DIST. FOR SPECIAL CONNECTION CHARGES
DOUBLE SCALE

51870




L.A. COUNTY SEWER SHEET NO. 2 G.M. JK (213) 990-8440 9-66

P.C. 10540 PAGE 13

TRACT NO 44458 — 6 C 10540 — (1)




| EASEMENT CURVE DATA | | | | |
|---|---|---|---|---|
| NO. | Δ | R | L | T |
| C1 | 10°25'30" | 2050.00' | 373.08' | 187.06' |
| C2 | 4°01'59" | 25.00' | 1.84' | 3.60' |
| C3 | 01°11'51" | 2050.00' | 42.84' | 21.42' |
| C4 | 28°44'56" | 340.00' | 170.60' | 87.14' |
| C5 | 25°17'33" | 314.00' | 138.61' | 70.45' |
| C6 | 04°52'25" | 25.00' | 3.70' | 22.06' |
| C7 | 56°28'46" | 25.00' | 49.40' | 28.00' |
| C8 | 31°12'25" | 265.00' | 144.08' | 74.29' |
| C9 | 31°12'25" | 234.00' | 127.45' | 65.35' |

| ℄ SEWER CURVE DATA | | | | |
|---|---|---|---|---|
| NO. | Δ | R | L | T |
| 1 | 32°56'25" | 322.00' | 185.12' | 95.00' |
| 2 | 31°12'25" | 255.00' | 138.83' | 71.21' |

| EASEMENT DATA | | |
|---|---|---|
| NO. | BEARING | DISTANCE |
| D1 | N61°36'56"E | 13.31' |
| D2 | N45°40'33"E | 37.20' |
| D3 | N44°19'27"W | 21.05' |
| D4 | N27°46'26"E | 32.00' |
| D5 | N62°13'34"W | 56.63' |
| D6 | N62°13'34"W | 133.01' |
| D7 | N31°01'09"W | 82.63' |




| ℄ SEWER CURVE DATA | | | | |
|---|---|---|---|---|
| NO. | Δ | R | L | T |
| 1 | 33°34'39" | 120.00' | 70.32' | 36.20' |
| 2 | 32°04'19" | 120.00' | 67.17' | 34.49' |
| 3 | 11°55'02" | 295.00' | 61.36' | 30.79' |

| EASEMENT CURVE DATA | | | | |
|---|---|---|---|---|
| NO. | Δ | R | L | T |
| C1 | 31°12'25" | 234.00' | 127.45' | 65.35' |
| C2 | 31°12'25" | 265.00' | 144.08' | 74.29' |
| C3 | 39°47'49" | 54.00' | 94.06' | 64.12' |
| C4 | 89°47'49" | 86.00' | 149.73' | 102.12' |
| C5 | 90°00'00" | 25.00' | 39.27' | 25.00' |
| C6 | 11°55'02" | 284.00' | 59.07' | 29.64' |
| C7 | 11°55'02" | 316.00' | 65.73' | 32.96' |
| C8 | 24°25'49" | 50.00' | 21.38' | 10.85' |
| C9 | 40°22'49" | 25.00' | 17.63' | 9.20' |
| C10 | 37°59'16" | 25.00' | 16.58' | 8.60' |
| C11 | 04°48'52" | 460.00' | 38.65' | 19.34' |

| EASEMENT DATA | | |
|---|---|---|
| NO. | BEARING | DISTANCE |
| D1 | N31°01'09"W | 82.63' |
| D2 | N62°46'40"E | 125.85' |
| D3 | N68°46'40"E | 43.85' |
| D4 | N21°13'20"W | 32.00' |
| D5 | N21°13'20"W | 13.56' |
| D6 | N33°08'22"W | 7.06' |
| D7 | N33°08'22"W | 10.03' |
| D8 | N33°08'22"W | 10.00' |
| D9 | N53°20'01"E | 290.80' |
| D10 | N53°20'01"E | 22.67' |