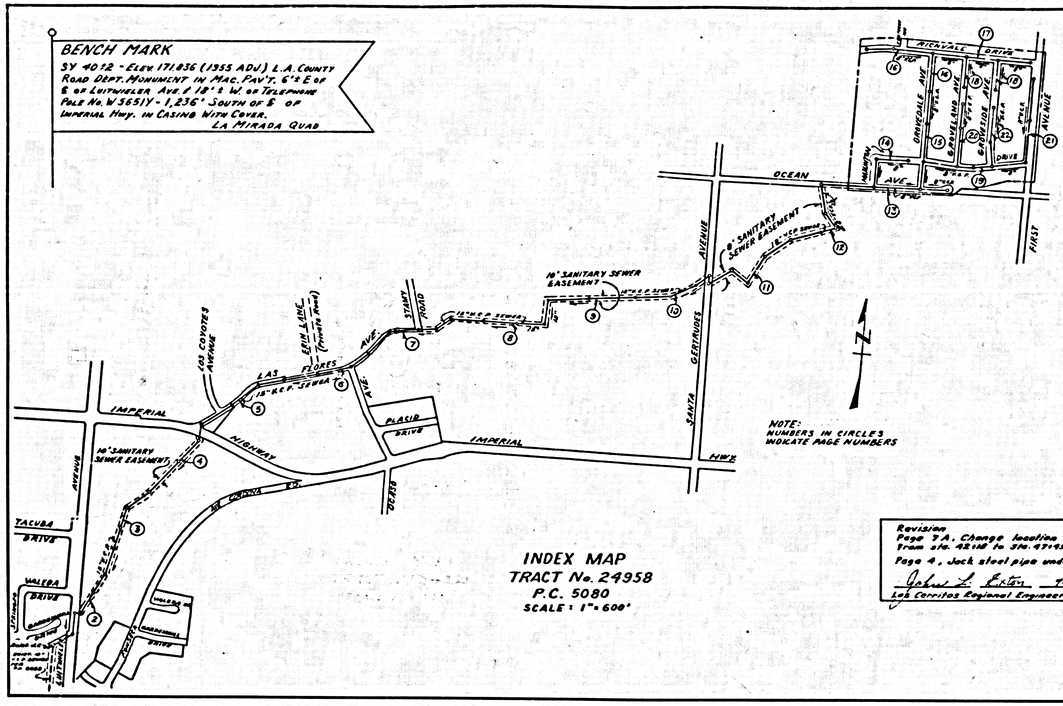
BENCH MARK

SY 4012 - Elev. 171.836 (1955 ADJ) L.A. County Road Dept. Monument in Mac. Pav't. 6'± E of E ☒ Luitwieler Ave. & 18'± W. of Telephone Pole No. W 3651Y - 1,236' South of ℄ of Imperial Hwy. in Casing With Cover.

LA MIRADA QUAD



INDEX MAP
TRACT No. 24958
P.C. 5080
SCALE: 1"= 600'

DOUBLE SCALE

NORWALK BLDG. DIST. NO. 4.2

NOTES:

PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AS THE CENTER LINE OF EACH MANHOLE.

NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAYOUT ANY PORTION OF THE WORK.

THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATION FOR ALL HOUSE LATERALS AND Y BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ANY CHANGE IN LOCATION SHALL BE REQUESTED BY WRITING BY THE OWNER OR HIS REPRESENTATIVE.

NO DEVIATIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.

1. USE STANDARD MANHOLE FRAMES AND COVERS, S-6-117, EXCEPT AS NOTED.
2. USE STANDARD STRENGTH PIPE EXCEPT AS NOTED.
3. USE CEMENT MORTAR "HEDGE LOCK" OR "SPEED-SEAL" FOR ALL VITRIFIED CLAY PIPE JOINTS, PER SPEC'S SECTION 36-6.6B.
4. RESURFACE ALL TRENCH WITHIN PAVED AREA TO MEET L. A. COUNTY ROAD DEPT., OR CALIF. STATE HIGHWAY DEPT. REQUIREMENTS IN ACCORDANCE WITH PERMITS.
5. ENCASE FOUR FEET OF SEWER AT POINTS OF DIFFERENCE WITH FOUR, OR LOWER COVER IS LESS THAN FOUR FEET PER S-D-172 CASE III
6. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AS PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
7. ALL STRUCTURES SHALL BE BRICK SEWER STRUCTURES, S-6-104, EXCEPT AS NOTED.
8. FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 1 SPEC'S, SEC. 31.
9. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE 6" ABOVE FINISHED GRADE.
10. THE CONTRACTOR SHALL SATISFY HIMSELF OF ALL SUBSTRUCTURES AND SHALL BE RESPONSIBLE FOR THEIR LOCATION AND MAINTENANCE.
11. a. NO CONSTRUCTION WILL BE PERMITTED IN FILLED AREAS UNLESS ACCEPTABLE COMPACTION IS SUBMITTED TO THE CONSTRUCTION DIVISION OF THE COUNTY ENGINEERS DEPT. THAT COMPACTION IS GREATER THAN 90%.
    b. IF COMPACTION IS GREATER THAN 90%, CRADLING OR SPECIAL M.H. BASES ARE NOT REQUIRED.
    c. IF COMPACTION IS LESS THAN 90%, THE SEWER MUST BE CRADLED AS SHOWN ON PLANS (PVR. S-C. 166)
12. THE PRIVATE ENGINEER IS TO FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
13. STANDARD SPECIFICATIONS DATED JAN. 1, 1960 APPLY TO THE CONSTRUCTION OF THIS PROJECT.
14. PAGE 11 DIE HOUSE LATERALS TO BE CONSTRUCTED WITH INVERT 6 FEET BELOW SURFACE OVER SEWER.

Revision
Page 7 A. Change location of Main Line from sta. 42+16 to sta. 41+95
Page 4. Jack steel pipe under Imperial Hwy
John L. Estes 7-5-60
Los Cerritos Regional Engineer R.E. 3871

CONNECTION CHARGES AS INDICATED
D. Hopkins 1-20-60

PROFILE ALIGNMENT AND GRADE OF P.C. 5080

SANITARY SEWERS PAGE 1 JN 0350.41

TO BE CONSTRUCTED IN

TRACT No. 24958

PRIVATE CONTRACT NO. 5080

W.S. 34

11 SHEETS; 22 PAGES

SCALE: VERT. 1"=5' HORIZ. 1"=50' DECEMBER, 1959

29,480

PREPARED IN THE OFFICES OF
McINTIRE & QUIROS, INC

By Olen McInnis 12/9/59
REG. C. E. NO. 5548

FOR LEGEND SEE PLAN NO. S-A-64

NOTE:
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.
ELEVATIONS ARE IN FEET ABOVE U.S.C.&G.S. SEA LEVEL DATUM OF 1929
THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.
WORK SHALL BE CONSTRUCTED ACCORDING TO SPECIFICATIONS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER AND SHALL BE PERFORMED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L. A. COUNTY ROAD DEPT., 108 W. 2ND ST. AND PAY A FEE WITH THE COUNTY ENGINEER, ROOM 354 PAN AMERICAN BUILDING, 233 SO. BROADWAY SUFFICIENT TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR ON THE EXISTENCE OR NON-EXISTENCE OF ANY UNDISCLOSED UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
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.

COUNTY OF LOS ANGELES, CALIFORNIA

APPROVED, JOHN A. LAMBIE, COUNTY ENGINEER

BY C. E. Murray ASST. SANITATION ENGINEER

CHECKED BY J. V. Dida 2-10-60
OFFICE OF COUNTY ENGINEER, REG. C. E. NO. 9496

APPROVED, C. R. CLOWTON, CHIEF ENGINEER
CO. SAN. DIST. NO. 18

BY H. C. Hutchinson OFFICE ENGINEER

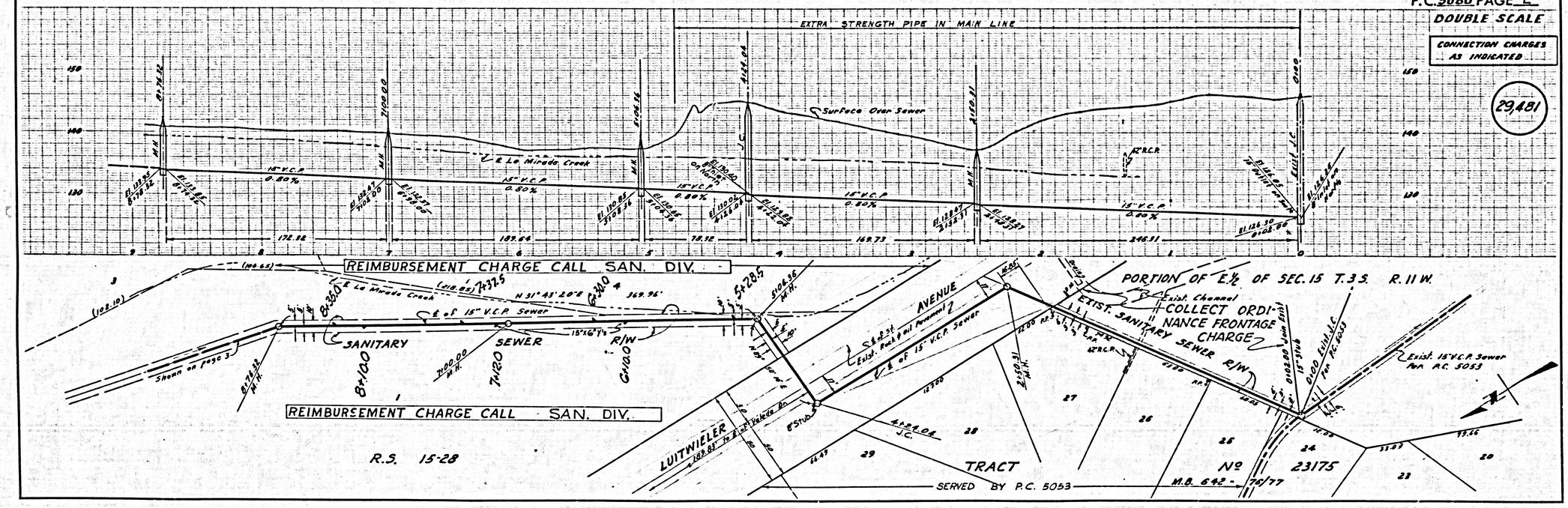
SUBMITTED BY: John L. Estes 1-20-60
LOS CERRITOS REGIONAL ENGINEER REG. C.E. 3871

P.C. 5080 PAGE 2

DOUBLE SCALE

CONNECTION CHARGES AS INDICATED

29,481



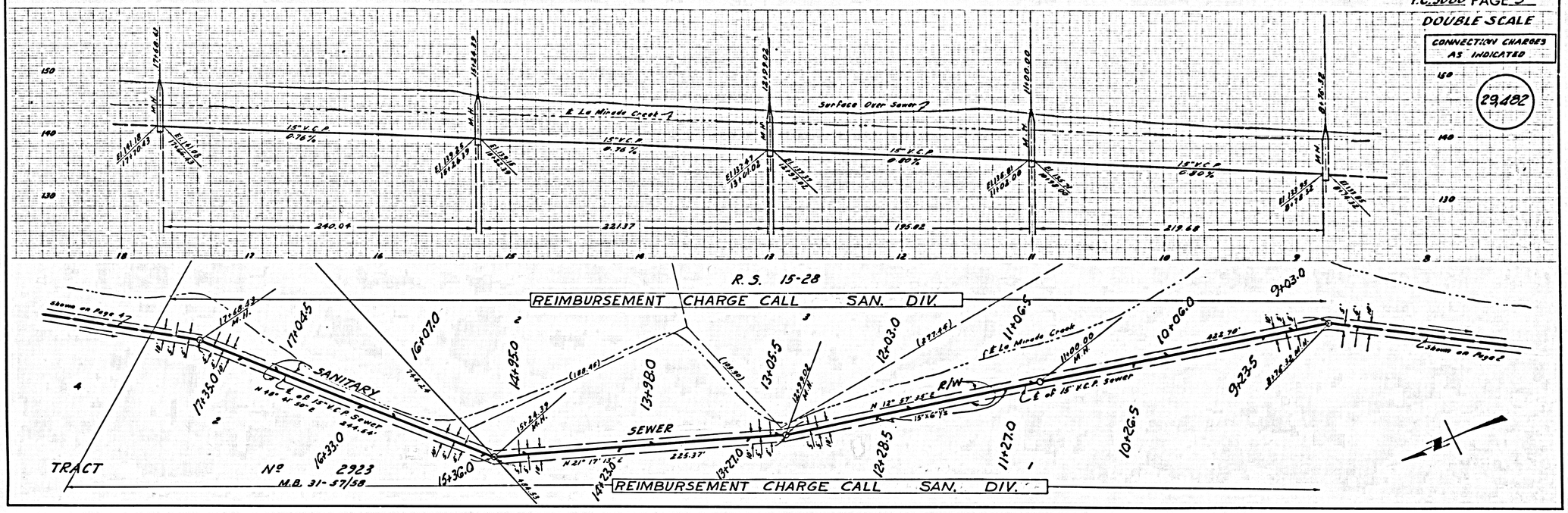
P.C. 5080 JN 0350.41 TRACT No 24958

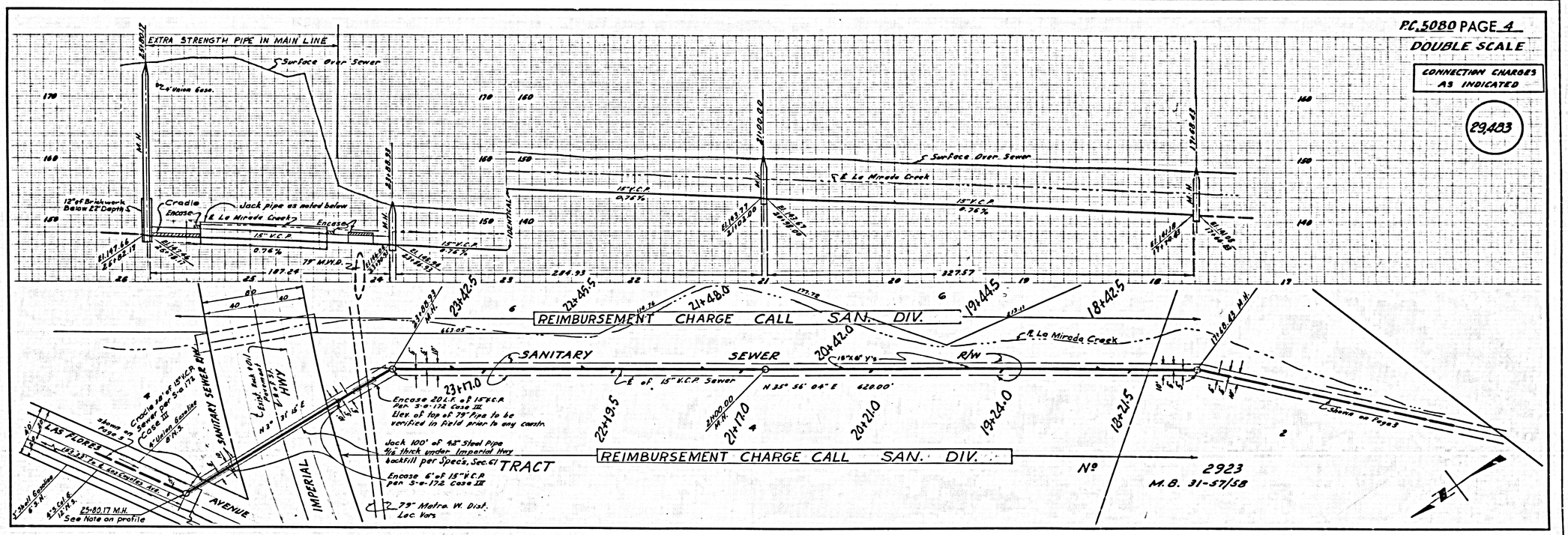
P.C. 5080 PAGE 3

DOUBLE SCALE

CONNECTION CHARGES AS INDICATED

29,482





P.C. 5080 JN 0350.41 TRACT Nº 24958

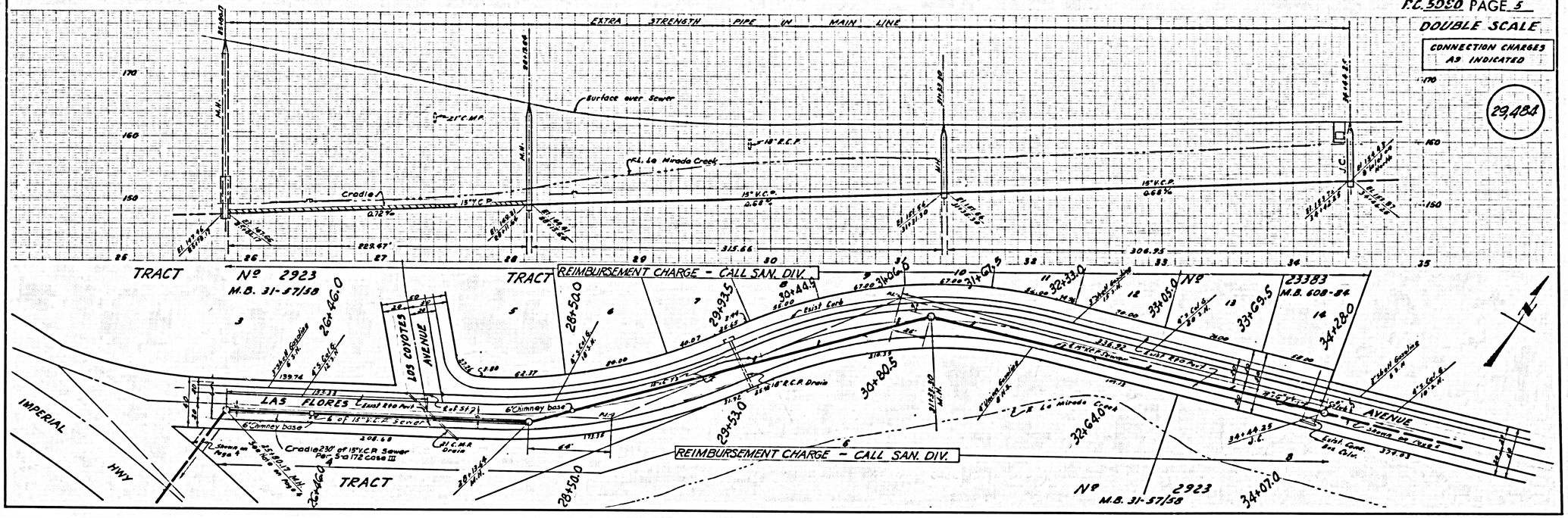
(5)

P.C. 5080 PAGE 5

DOUBLE SCALE

CONNECTION CHARGES AS INDICATED

29,484

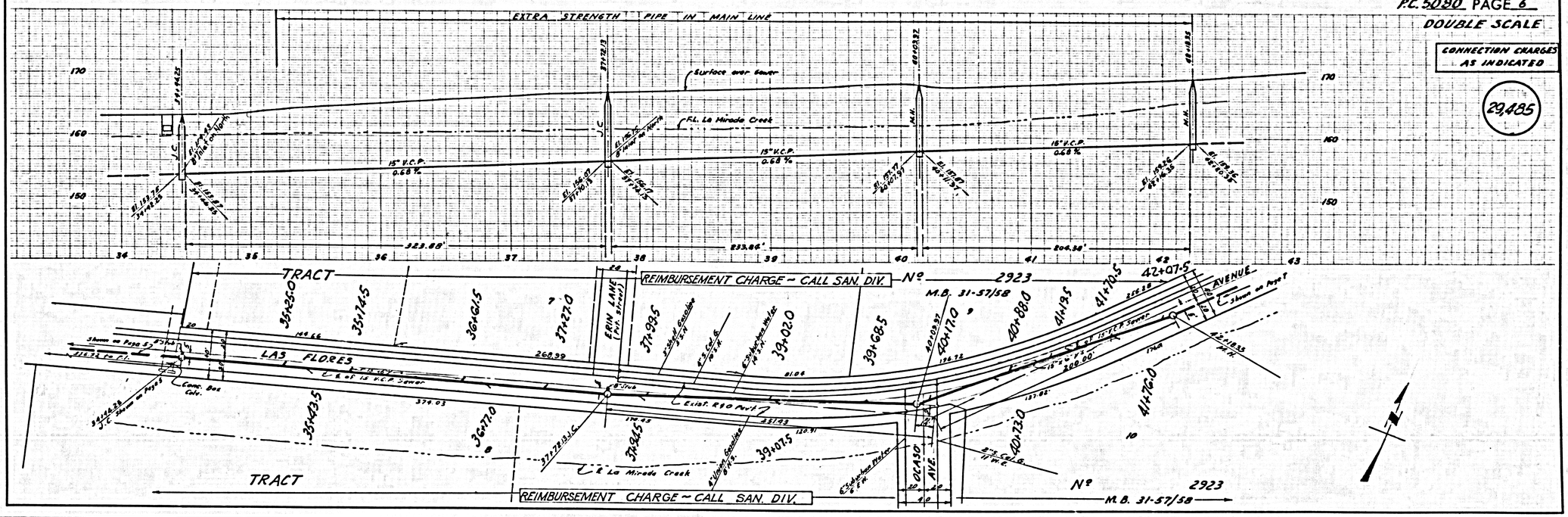


P.C. 5080 PAGE 6

DOUBLE SCALE

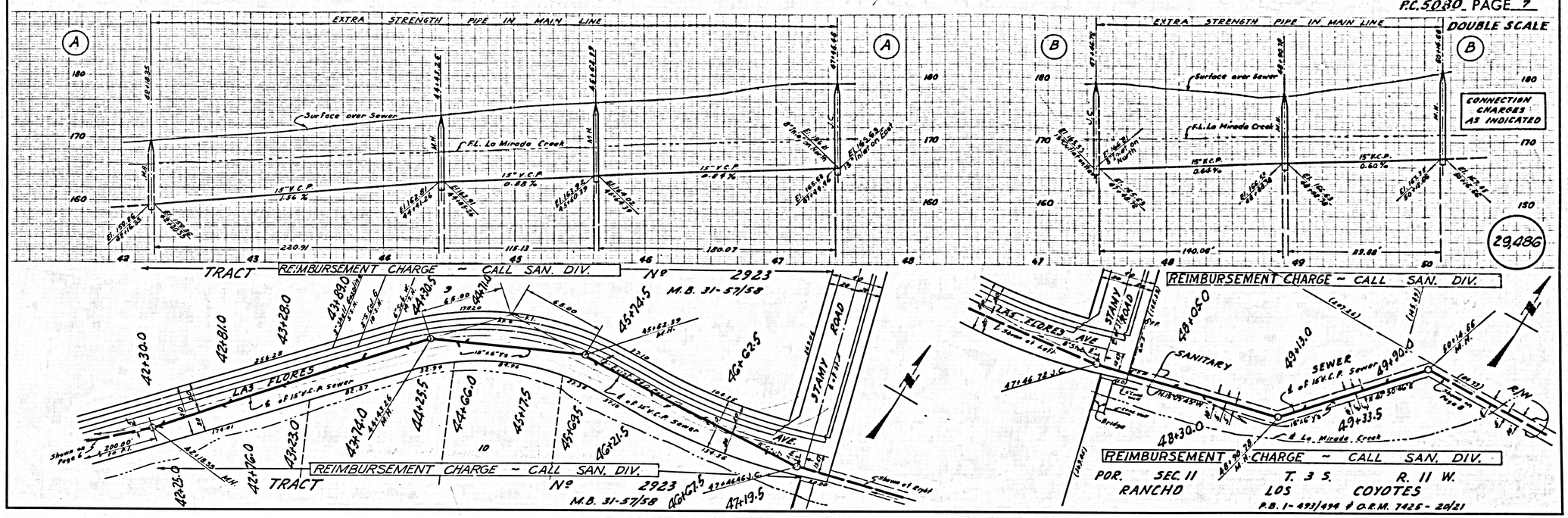
CONNECTION CHARGES AS INDICATED

29,485

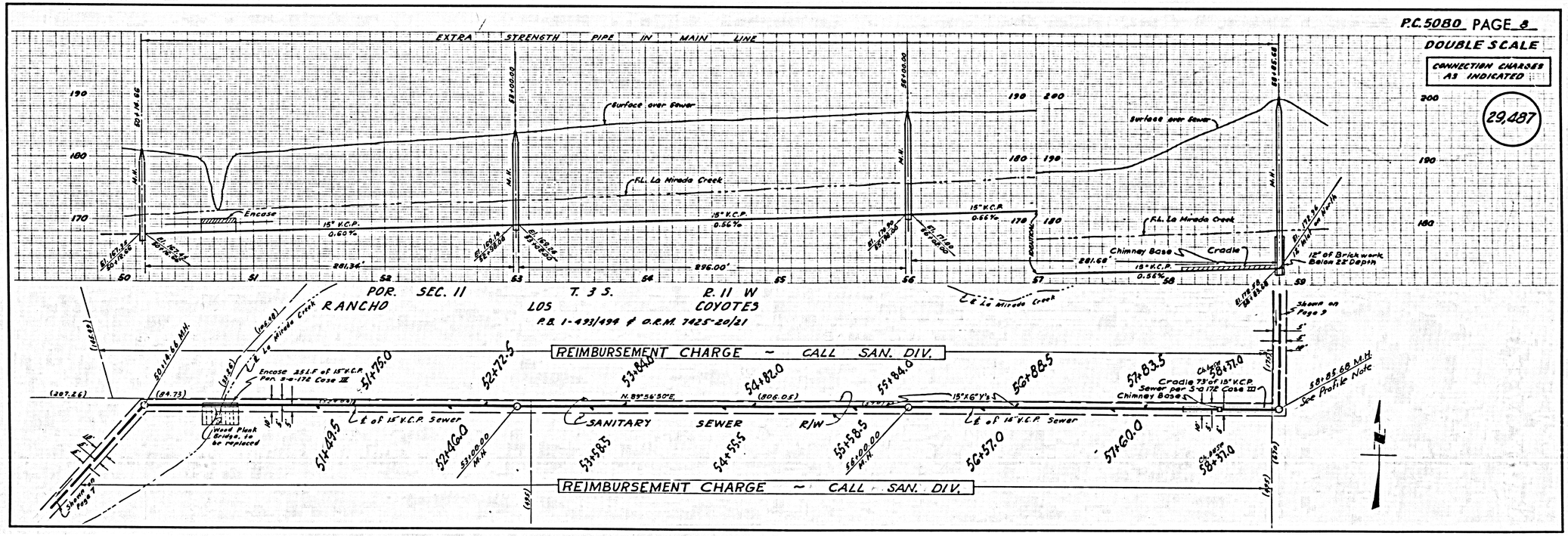


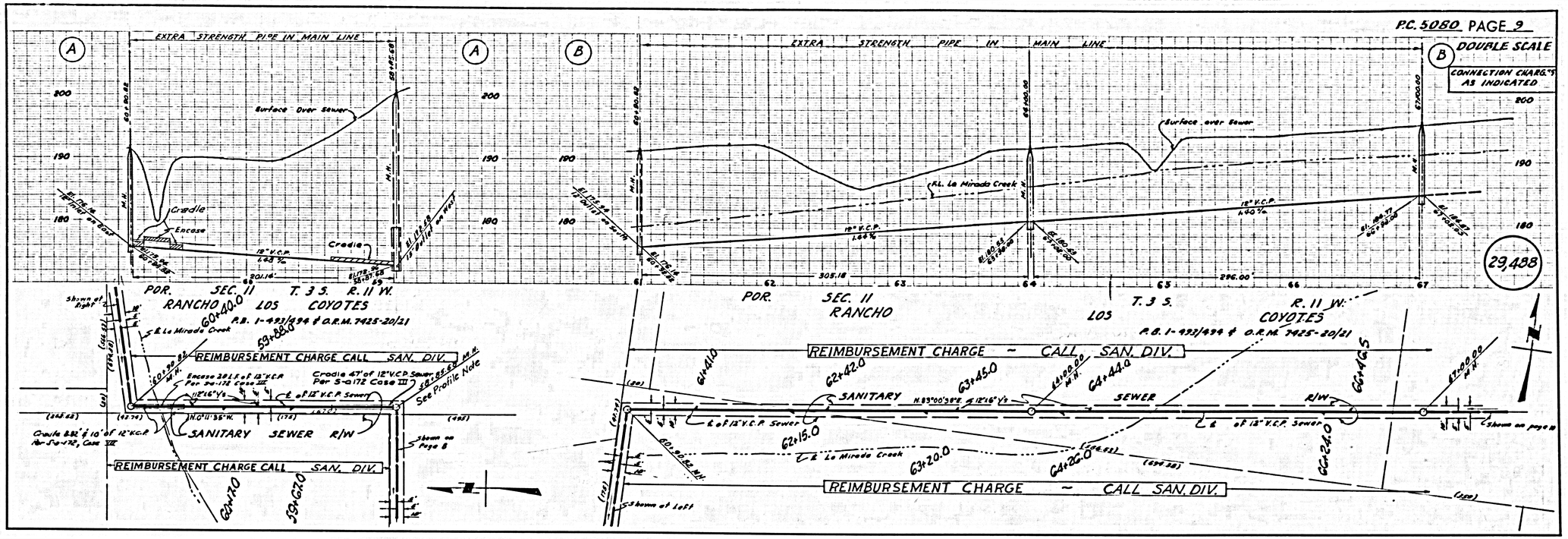
P.C. 5080 TRACT 24958 IN 035041

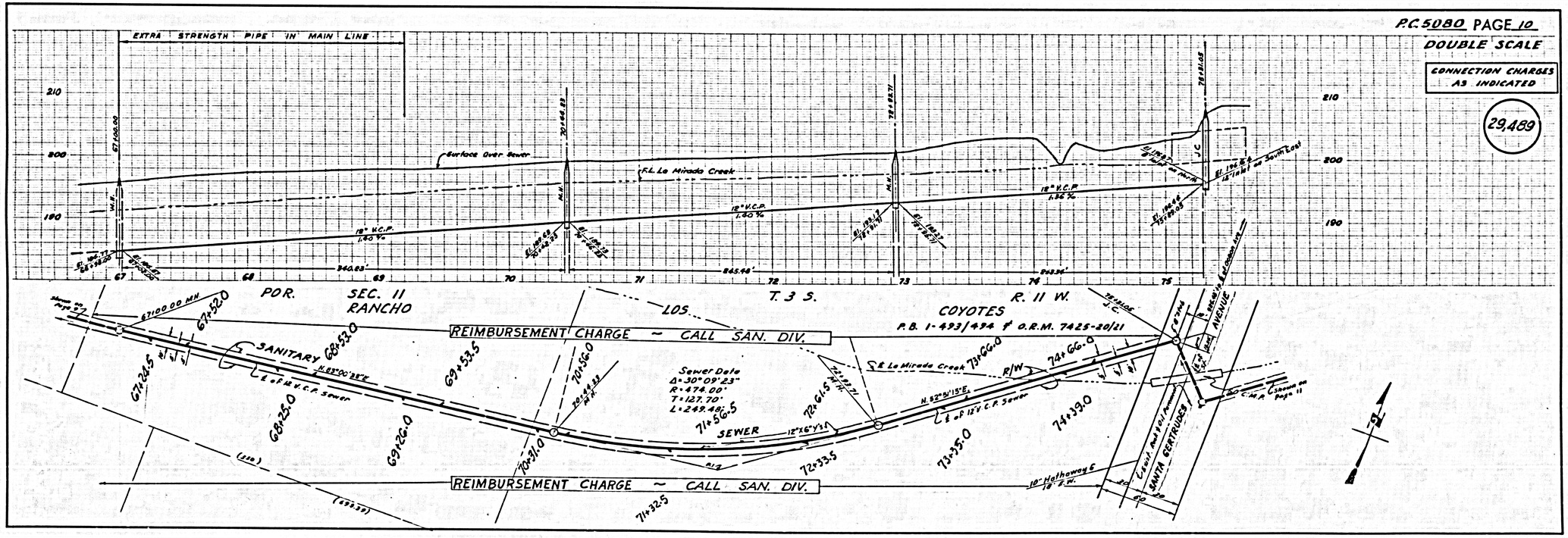
P.C. 5080 PAGE 7



P.C. 5080 PAGE 8




P.C. 5080 PAGE 9
DOUBLE SCALE
CONNECTION CHARGES AS INDICATED
EXTRA STRENGTH PIPE IN MAIN LINE
Surface Over Sewer
Cradle
Encase
12" V.C.P.
POR. SEC. 11 T. 3 S. R. 11 W.
RANCHO LOS COYOTES
P.B. 1-493/494 & O.R.M. 7425-20/21
REIMBURSEMENT CHARGE CALL SAN. DIV.
SANITARY SEWER R/W
See Profile Note
REIMBURSEMENT CHARGE ~ CALL SAN. DIV.
SANITARY SEWER R/W
29,488


P.C. 5080 PAGE 10
DOUBLE SCALE
CONNECTION CHARGES AS INDICATED
EXTRA STRENGTH PIPE IN MAIN LINE
Surface Over Sewer
F.L. La Mirada Creek
12" V.C.P.
POR. SEC. 11 T. 3 S. R. 11 W.
RANCHO LOS COYOTES
P.B. 1-493/494 & O.R.M. 7425-20/21
REIMBURSEMENT CHARGE ~ CALL SAN. DIV.
SANITARY SEWER
Sewer Data
Δ=30°09'23"
R=474.00'
T=127.70'
L=249.48'
SANTA GERTRUDES AVENUE
29,489

P.C. 5080 PAGE 11

EXTRA STRENGTH PIPE IN MAIN LINE

Surface Over Sewer 2

Ground Slope 1/4" to 1'

Centerline of Chimney

12"-V.C.P. 1.24%

El. 209.23 Invert on South

El. 209.48 Invert on North

El. 209.58 Invert on South

El. 209.88 Invert on North

El. 209.98 Invert on South

El. 210.22 Invert on North

El. 210.32 Invert on South

El. 210.46 Invert on North

El. 210.56 Invert on South

El. 210.70 Invert on North

El. 210.80 Invert on South

El. 210.94 Invert on North

El. 211.04 Invert on South

El.

P.C. 5080 PAGE 13

DOUBLE SCALE

CONNECTION CHARGE AS INDICATED

EXTRA STRENGTH PIPE IN MAIN LINE AND HOUSE LATERALS

EXTRA STRENGTH PIPE IN MAIN LINE & HOUSE LATERALS

29,492

TR. 850 M.B. 21-67 TRACT No. 24958

REIMBURSEMENT CHARGE CALL SAN. DIV.

OCEAN AVENUE

MARLINTON DRIVE

GROVEDALE DR.

TRACT 8561 M.B. 102-57-58

REIMBURSEMENT CHARGE – CALL SAN. DIV.

P.C. 5080 PAGE 14

DOUBLE SCALE

NO CHARGE FOR CONNECTIONS

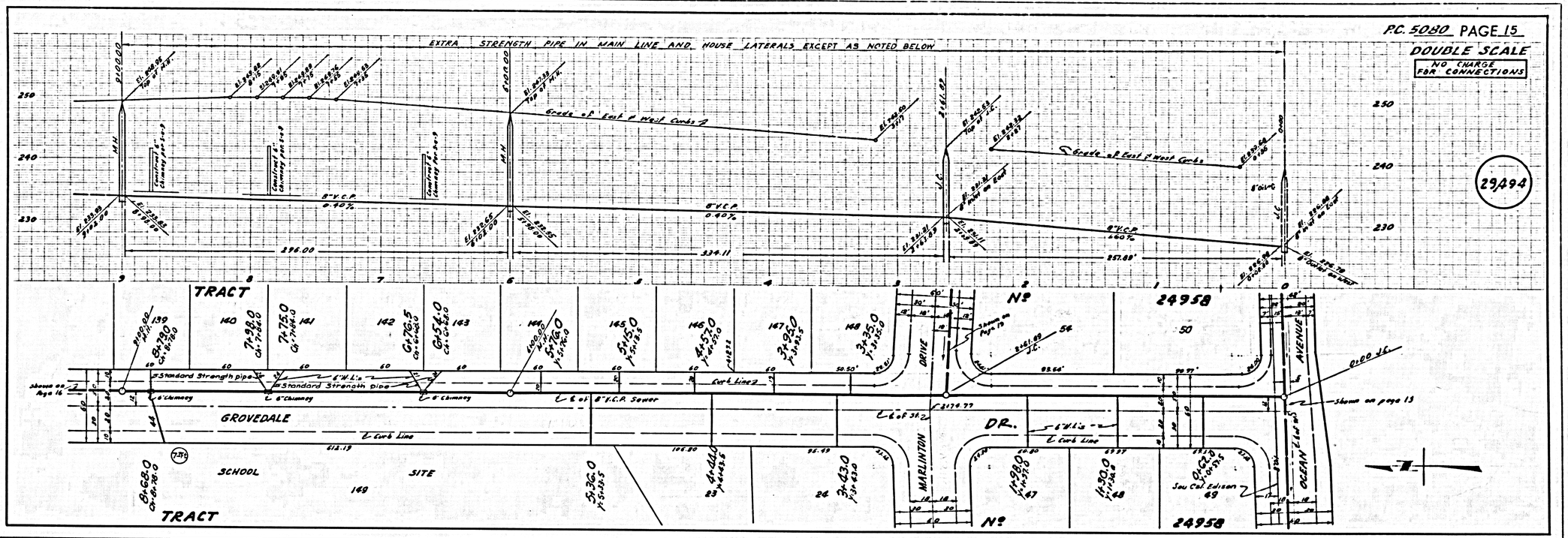
29,493

TRACT No. 24958

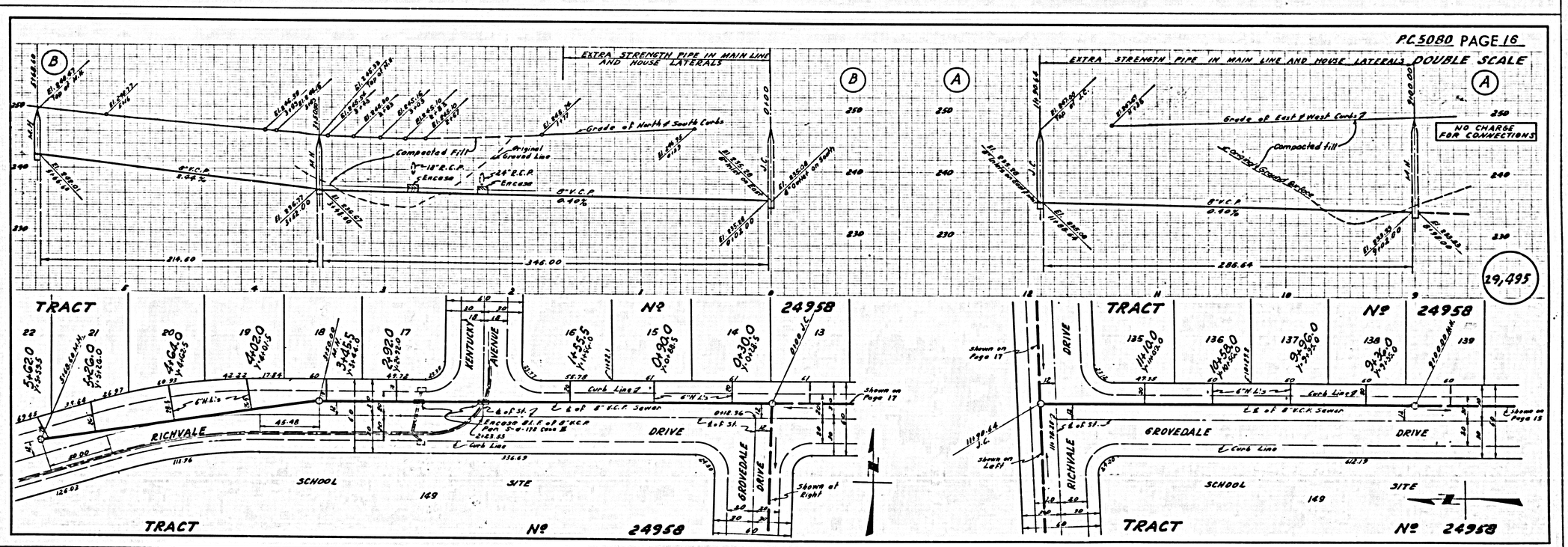
MARLINTON DRIVE

OCEAN AVENUE

P.C. 5080 PAGE 15



P.C. 5080 PAGE 16



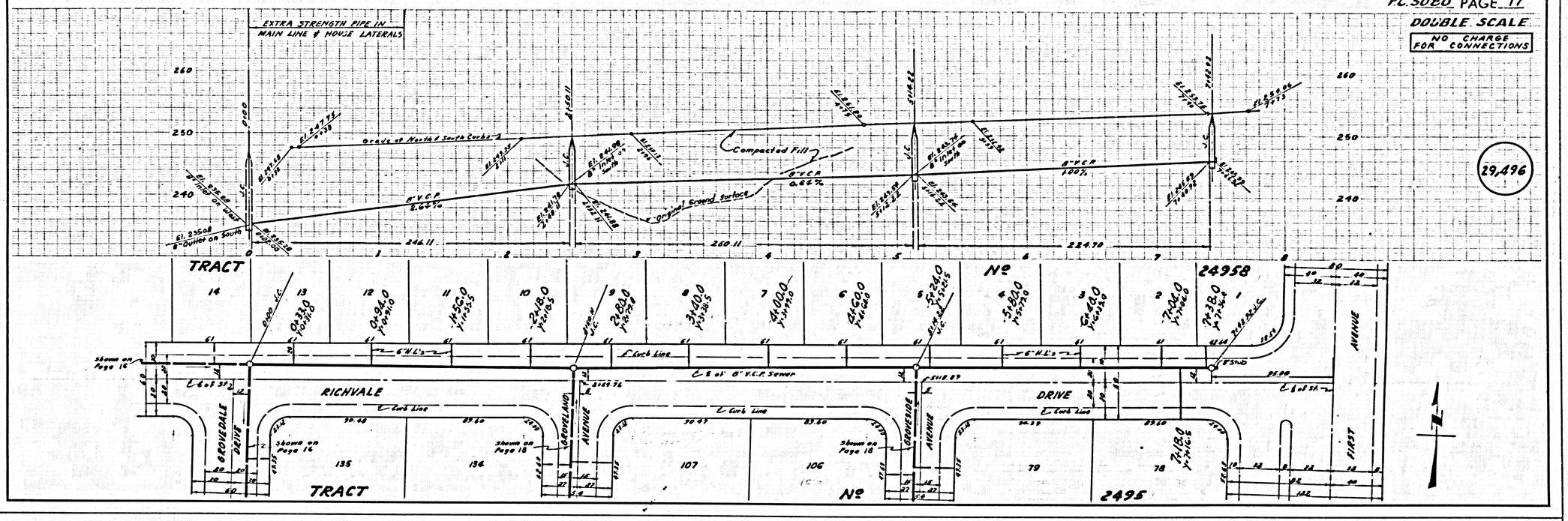
P.C. 5080 TRACT 24958 JN0350.41

P.C. 5080 PAGE 17

DOUBLE SCALE

NO CHARGE FOR CONNECTIONS

29,496


EXTRA STRENGTH PIPE IN MAIN LINE & HOUSE LATERALS
Grade of North / South Curbs
Compacted Fill
Original Ground Surface
8" V.C.P. 8.66%
8" V.C.P. 0.66%
8" V.C.P. 1.00%
El. 235.08 8" Outlet on South
El. 234.78 8" Outlet on South
El. 234.78 8" Outlet on South
El. 234.78

P.C. 5030 PAGE 19

DOUBLE SCALE
NO CHARGE FOR CONNECTIONS

EXTRA STRENGTH PIPE IN MAIN LINE AND HOUSE LATERALS

29,498

Grade of North & South Curbs

Original Ground Surface

Compacted Fill

8" V.C.P. 0.96%

8" V.C.P. 0.26%

8" V.C.P. 1.0%

8" V.C.P. 0.98%

846.61 | 180.83 | 141.58 | 308.78

TRACT 148 Shown on Page 15

GROVEDALE DRIVE

MARLINTON

GROVELAND AVENUE

GROVESIDE AVENUE

DRIVE

FIRST AVENUE

Shown on Page 28

Shown on Page 22

Shown on Page 21

Shown on Page 15

TRACT

Nº 24958

P.C. 5080 PAGE 20

DOUBLE SCALE
NO CHARGE FOR CONNECTIONS

29,499

Grade of North & South Curbs

8" V.C.P. 1.18%

8" V.C.P. 4.92%

Original Ground Surface

881.67 | 271.00

TRACT

Nº 24958

GROVELAND AVENUE

MARLINTON DRIVE

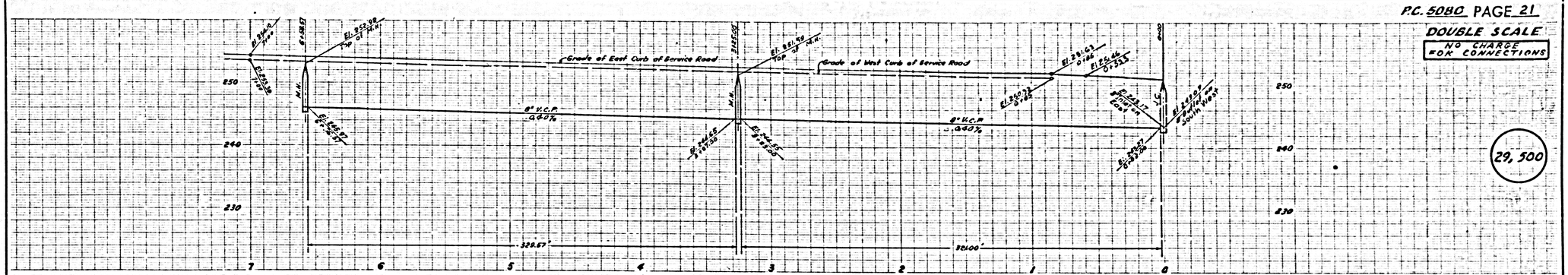
Shown on Page 15

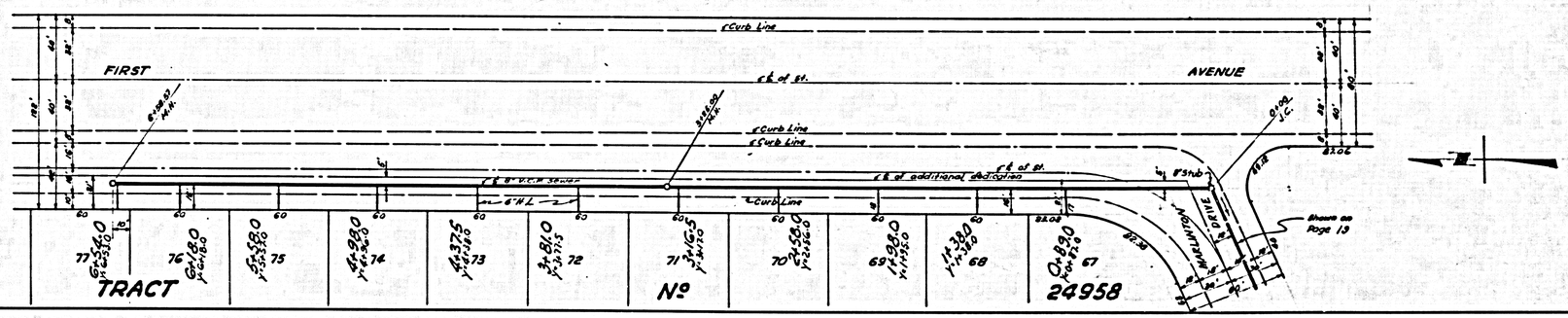
P.C. 5080 TRACT 24958 JN0350.41

P.C. 5080 PAGE 21

DOUBLE SCALE
NO CHARGE FOR CONNECTIONS

29,500





P.C. 5080 PAGE 22

DOUBLE SCALE
NO CHARGE FOR CONNECTIONS

29,501

