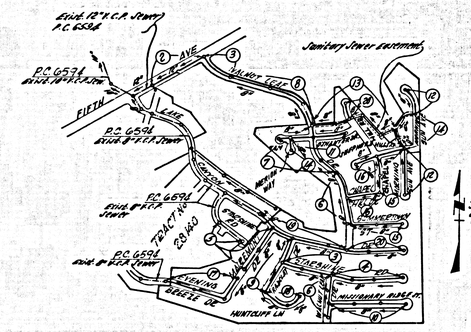
B.M. BG 3107 ELEV. 591.619
E.O.B.M. Top S.C.B. Near B.C.E.@
S.E. Cor. 5th Ave. & Lime Cyn. Rd. 40 Ft.
8+98 Ft. E. Approx. C/L Int.

OTTERBEIN QUAD. 19 65



INDEX MAP
SCALE: 1"=600'
P.C. 7851

Any connection to the sewage system of County Sanitation District, provided directly or indirectly by the sewers shown on these plans, shall be considered a temporary connection until all area sewered is annexed to said district, at which time the connection shall become permanent. If for any reason the annexation to the district of any area sewered hereunder is not completed, the property not in the district will be required to disconnect unless a contract is entered into with the district providing for the disposal of sewage from the area.

FILLS MUST BE IN PLACE 5 FEET ABOVE SEWER FLOW LINE PRIOR TO SEWER CONSTRUCTION

PRIVATE ENGINEER'S NOTE TO CONTRACTOR

The existence and location of any underground utilities or structures shown on this plan were obtained by a thorough search of available record.

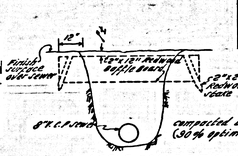
To the extent of our knowledge there are no existing utilities or structures except as shown on this plan.

The contractor is required to take precautionary measures to protect the utilities shown and other lines not of record or shown on this plan.

John R. Crider
Reg. C.E. 5813

REVISION NO. 2
show changes due to revised storm drain (contractor requested change sewer alignment at project exit.
APPROVED: County of Los Angeles
BY [signature] DATE 12-19-67

REVISION
change location of house laterals on Lots 74 & 75 from chimney to main sewer, page 3
eliminate waiver by R.C. for lot 58 page 4.
Approved: County of Los Angeles
BY [signature]
R.C.E. 10283 DATE 11-29-67



BAFFLE BOARD DETAIL
NO SCALE

NOTES:
1. Each end of baffle board will extend one foot into undisturbed ground.
2. Baffle boards shall be spaced so that the top of the lower board shall be level with the bottom of the next higher board.
3. The upper layer of backfill to be soil test minimum of top soil. Top soil shall be tamped in place and planted with perennials of same type as those on adjacent slopes or required in accordance with grading plan. Soil shall be adequately watered until growth is restored.

ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT (WITH HOOP IF NECESSARY) PER STAND. SPEC. SEC. 36 OR APPROVED EQUAL

DOUBLE SCALE
LA PUENTE BLDG. DIST. NO. 2

NOTES:
1. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
2. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
3. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y" BRANCHES AND SHALL PROVIDE STAKES FOR THESE 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 CUL-DE-SACS 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.
4. 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.
5. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
6. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-0121, EXT. 49 581, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
7. ALL STRUCTURES SHALL BE BUTTED BRICK MANHOLES PER S.D. OR PRECAST CONCRETE MANHOLES PER S.D. NO. C.S. EXCEPT AS NOTED.
8. USE STANDARD MANHOLE FRAMES AND COVERS, S-13.
9. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
10. USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
11. USE MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. JOINTS PER SPEC'S., SECS. 36, 48 & 49.
12. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-20, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
13. 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-20, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
14. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
15. BEDJURAGE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
16. FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 2, SPEC'S., SEC. 24.
17. ALL STATE AND LOCAL TRENCH SAFETY ORDERS WILL BE STRICTLY ENFORCED.
18. SPECIAL BACKFILL IS DESIGNATED AREAS
(a) backfill trench and replace other earth removed on or to achieve the natural bearing value of earth and shall be placed where on the grading plan approved for this street by the Building and Safety Division.
(b) All backfill on earth replaced shall be compacted to a minimum of 90% by sand-cement slurry per A.S.T.M. standards specified in Spec. 302.17 (c) modified, or underbedding, or combination of both compaction shall be submitted to the Construction Division.
19. ST. MAINS, MEASURED FROM C.L. OF MANHOLE, WALL THICKNESS OF 12 INCHES IS REQUIRED BELOW 22 FT. OF DEPTH.
20. STATIONS IN CIRCLES INDICATE HOUSE LATERALS OR WYES MUST NOT BE CONSTRUCTED IN ADVANCE OF THAT STATION
21. TEE BRANCHES MAY BE USED IN PLACE OF WYE & BRANCHES FOR HOUSE LATERAL CONNECTIONS TO THE MAIN LINE SEWER UNLESS OTHERWISE INDICATED.

COLLECT CHARGES AS INDICATED
D.R. Olsen 7-11-67

NO CONNECTIONS FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS WITHOUT WRITTEN PERMISSION FROM THE CHIEF ENGINEER AND GENERAL MANAGER OF THE COUNTY SANITATION DISTRICTS.

PROFILE, ALIGNMENT AND GRADE OF P.C. 7851
SANITARY SEWERS PAGE 1
CONSTRUCTED IN
TRACT NO. 27141
PRIVATE CONTRACT NO. 7851
W.S. . 39
10 SHEETS; 20 PAGES
SCALE: HORIZ. 1"=40' VERT. 1"=4' MAY, 1967
39616
PREPARED IN THE OFFICES OF
WEACCO INC.
By: John R. Crider
REG. C. E. NO. 9915

FOR LEGEND SEE PLAN NO. S-1

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 BY [illegible] ABOVE U.S.C. & G.S. MEAN LOWER DATUM OF 1929.
THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.
WORK SHALL BE CONSTRUCTED ACCORDING TO STANDARD SPECIFICATIONS DATED [illegible] ON FILE IN THE OFFICE OF THE COUNTY ENGINEER AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY INSPECTOR.
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. [illegible] AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 559, COUNTY ENGINEER'S BUILDING, 108 WEST SECOND STREET, OR [illegible] REGIONAL OFFICE, 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 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.
IF WORK IS TO BE DONE ON A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

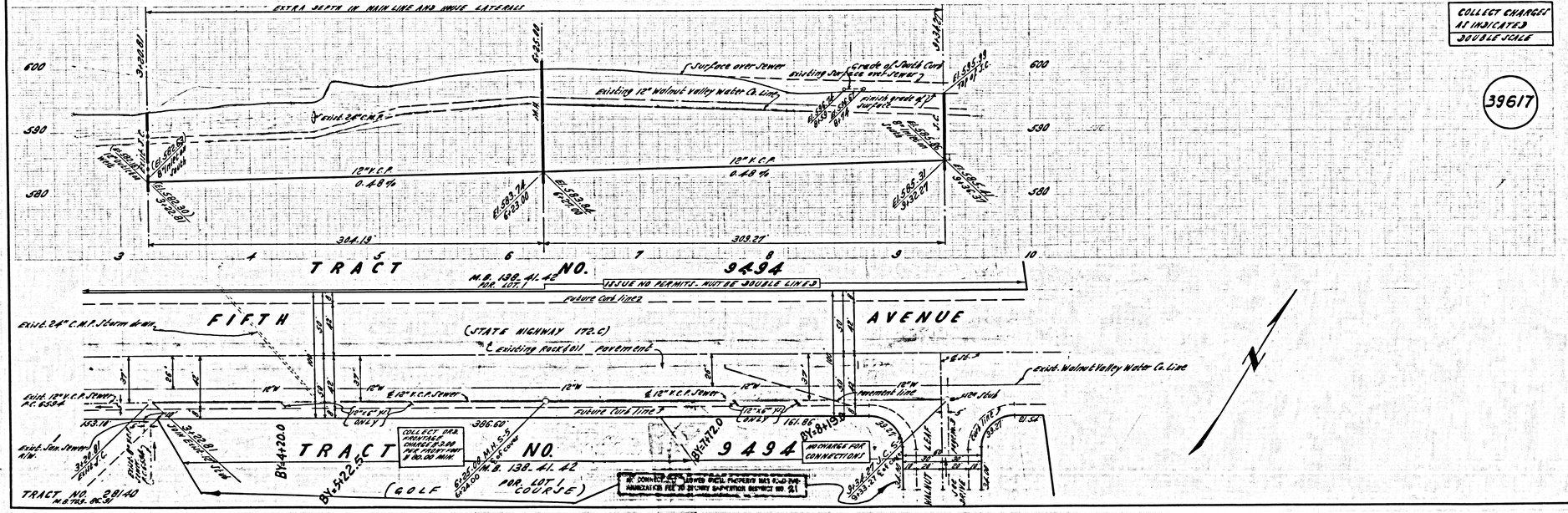
COUNTY OF LOS ANGELES, CALIFORNIA
JOHN A. LAMBIE, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER
CO. SAN. DIST. NO. 2
APPROVED BY: Richard M. Evans ASSISTANT SANITATION ENGINEER
APPROVED BY: [signature] OFFICE ENGINEER
SUBMITTED BY: [signature] SANITARY ENGINEER
CHECKED BY: [signature] 7-28-67
REG. C.E. NO. 10283

J.N. 0250.02

P. C. 7851 PAGE 2

COLLECT CHARGES AS INDICATED
DOUBLE SCALE

39617



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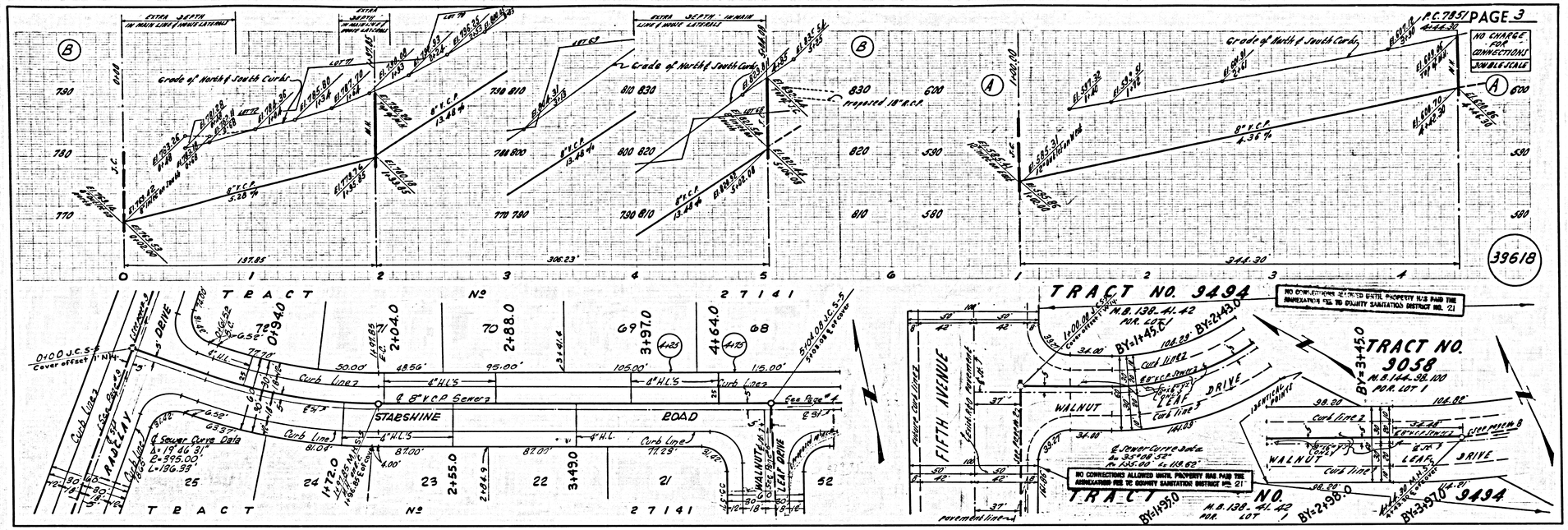

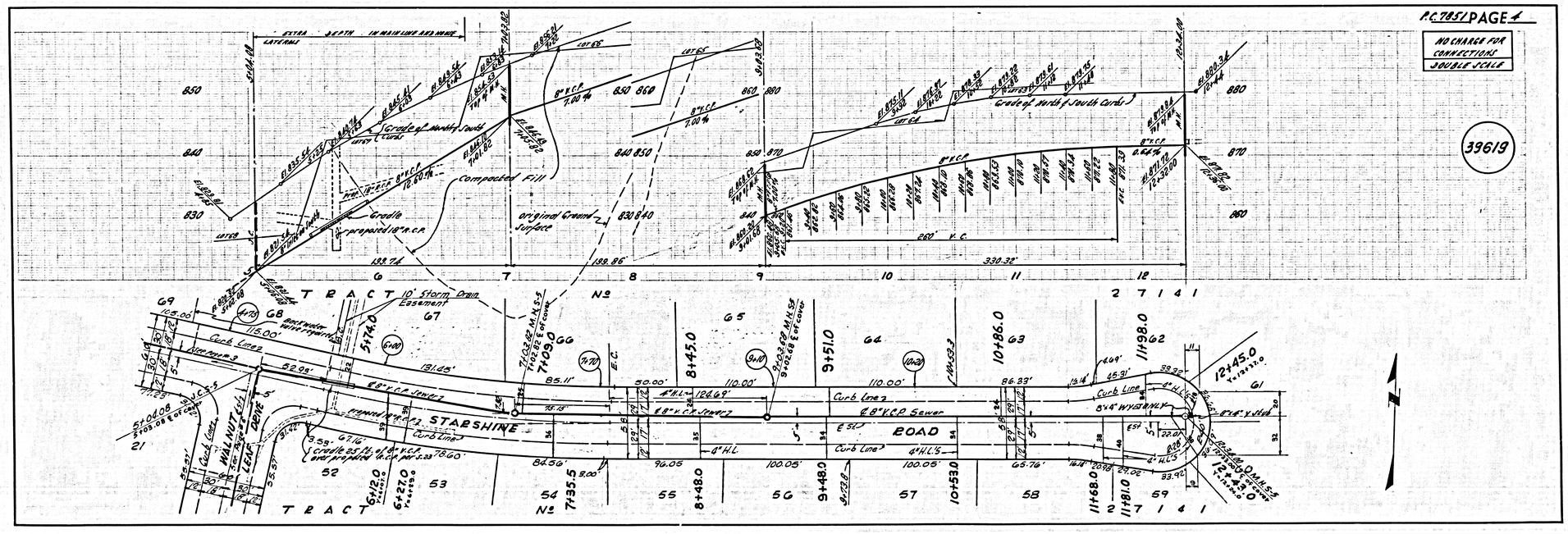

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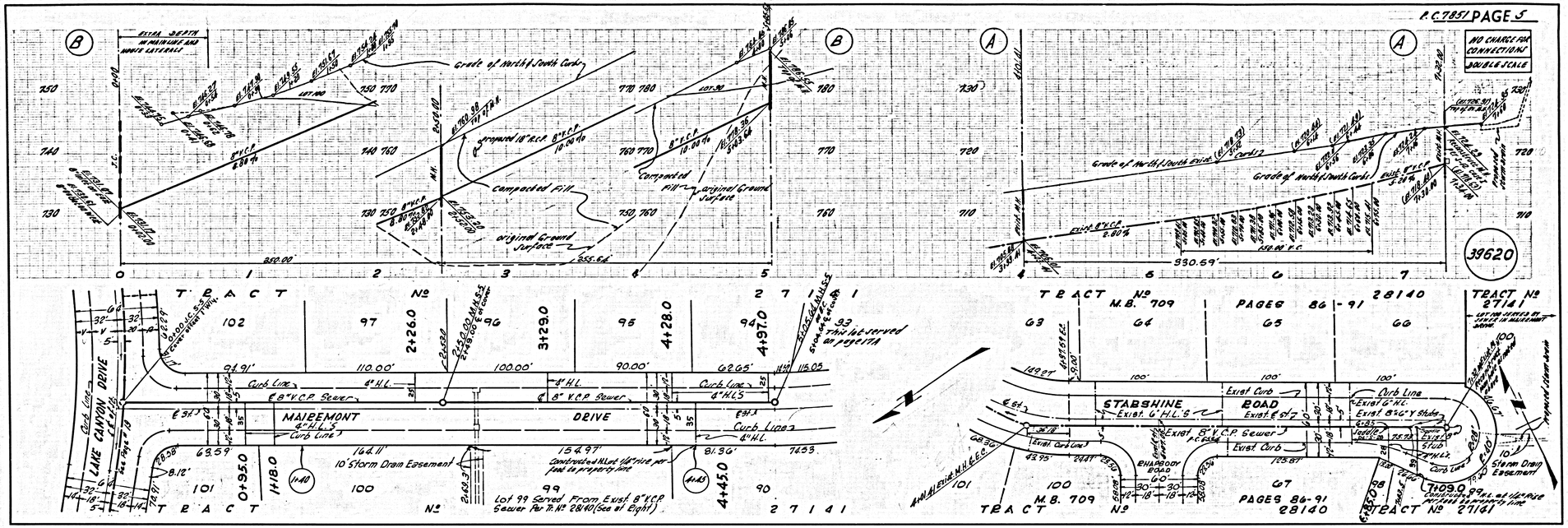
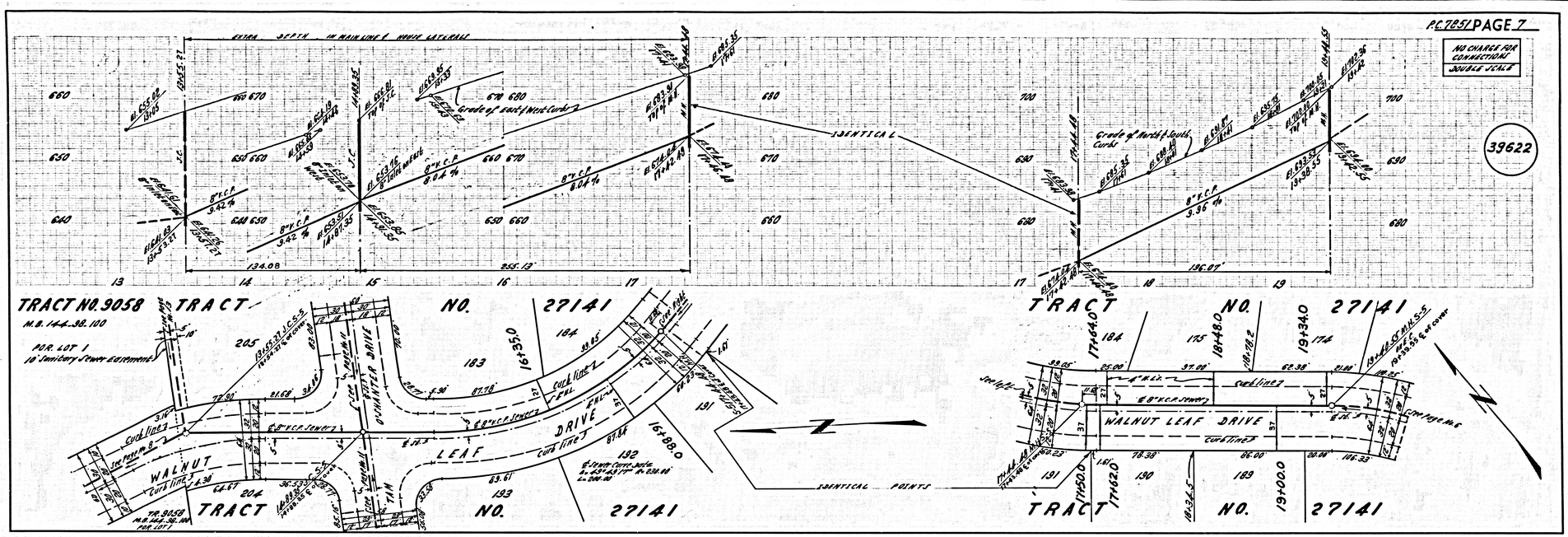

P.C. 7851 PAGE 5
NO CHARGE FOR CONNECTIONS
DOUBLE SCALE
39620
TRACT No 27141
TRACT No 27141
M.B. 709 PAGES 86-91
28140
LAKE CANYON DRIVE
MAIREMONT DRIVE
STABSHINE ROAD
ENDSLOOY ROAD
10' Storm Drain Easement
Lot 99 Served From Exist. 8" V.C.P. Sewer Per P.M. No 28140 (See at Right)
This lot served as pegetta
Grade of north & south Curbs
Grade of south & west Curbs
Grade of east & west Curbs
Compacted Fill
original Ground Surface
encase or meter later
Exist. 8" V.C.P. Sewer
Exist. Curb
Curb Line
4" H.L.
Exist. G.I.C.
Exist. B.C.T.Y. Stubs
Exist. 6" H.L.S.
Exist. 8" V.C.P. Sewer
Exist. Curb
Exist. Curb Line
Exist. 8

P.C. 7851 PAGE 7

NO CHARGE FOR CONNECTIONS
DOUBLE SCALE

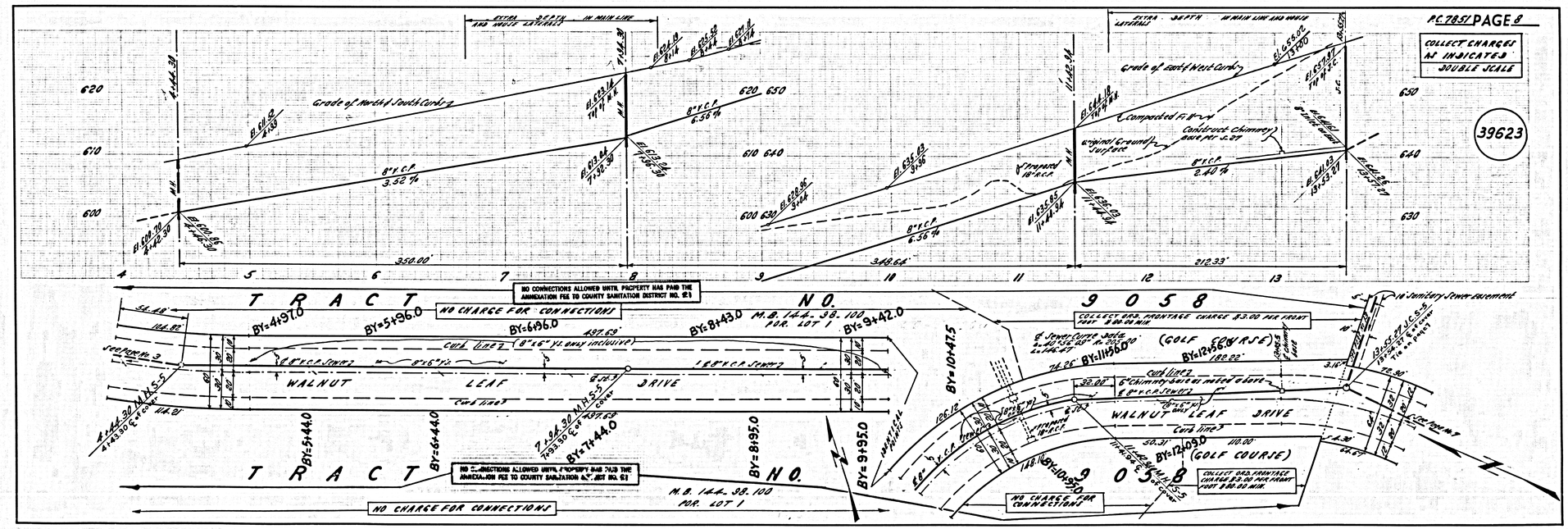
39622



P.C. 7851 PAGE 8

COLLECT CHARGES AS INDICATED
DOUBLE SCALE

39623

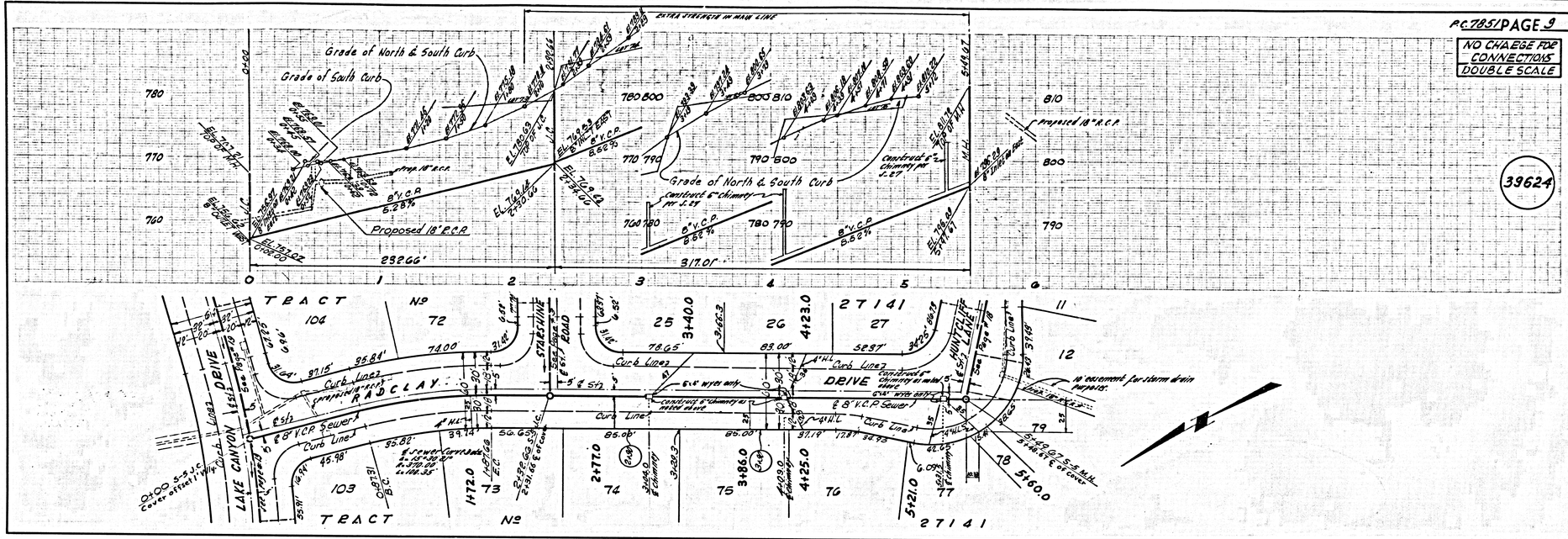


L.A. COUNTY SEWER SHEET NO. 2 SOUTHERN CALIFORNIA BLUEPRINT CO.

P.C. 785/PAGE 9

NO CHARGE FOR CONNECTIONS
DOUBLE SCALE

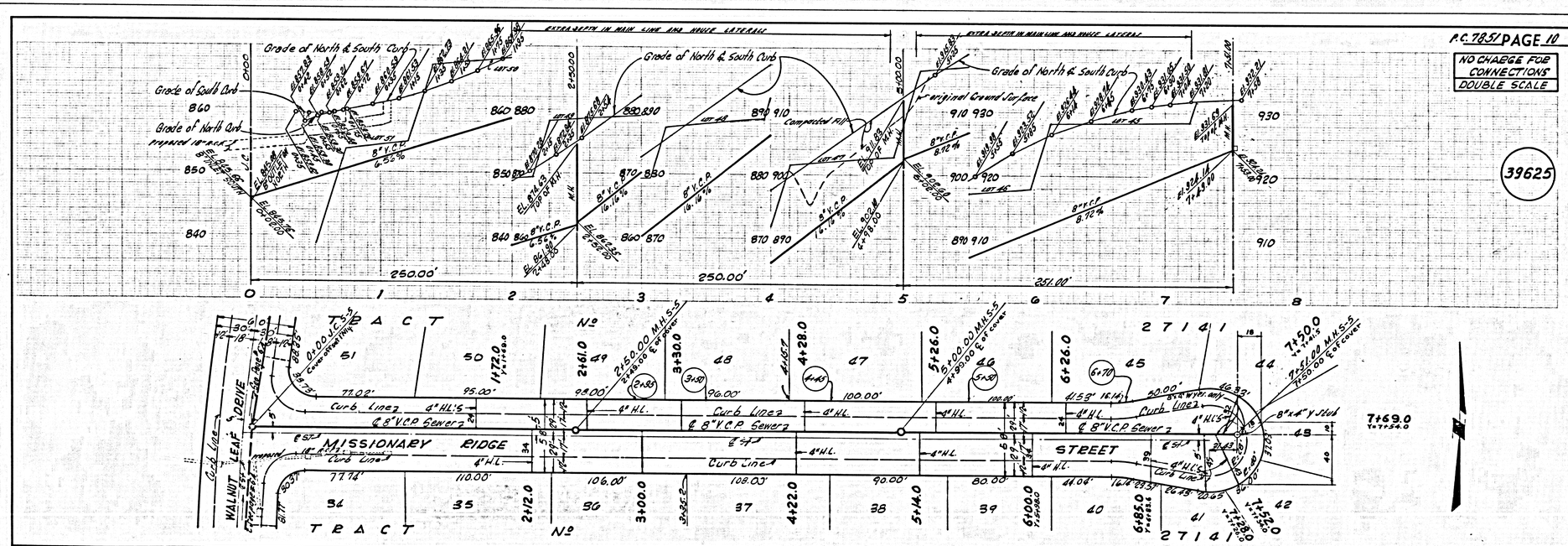
39624



P.C. 785/PAGE 10

NO CHARGE FOR CONNECTIONS
DOUBLE SCALE

39625

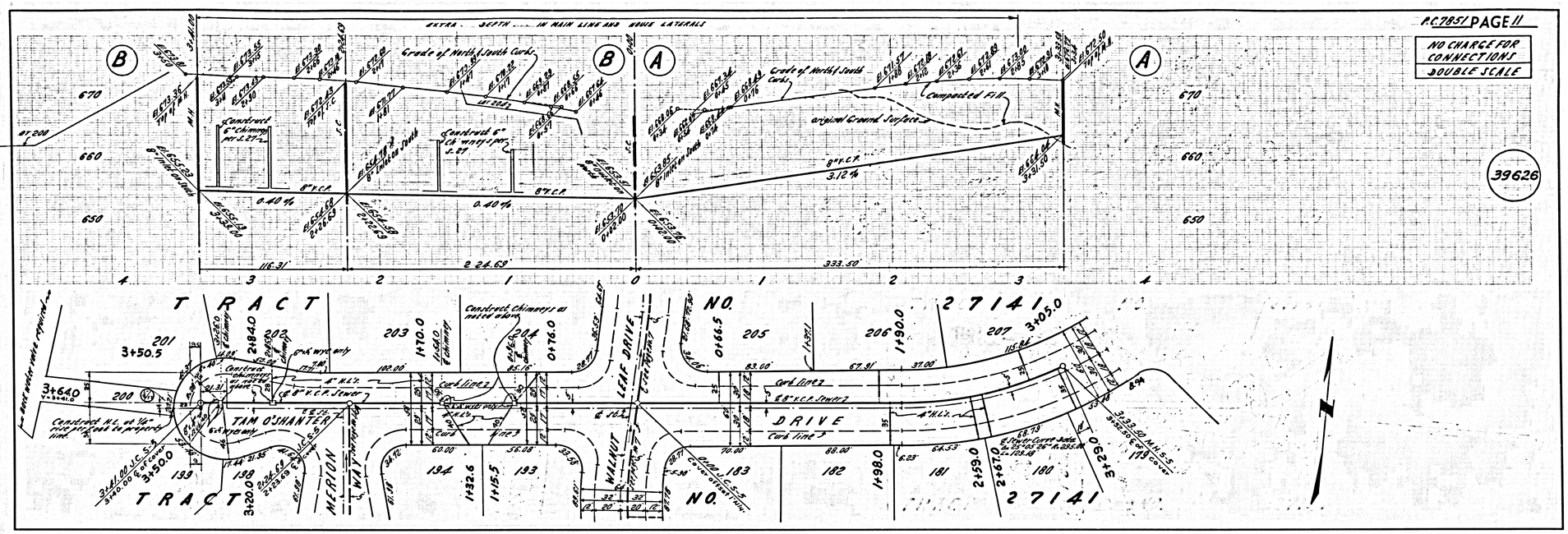


L.A. COUNTY SEWER BKLET NO. 2 SOUTHERN CALIFORNIA BLUEPRINT CO.

P.C. 7851 PAGE 11

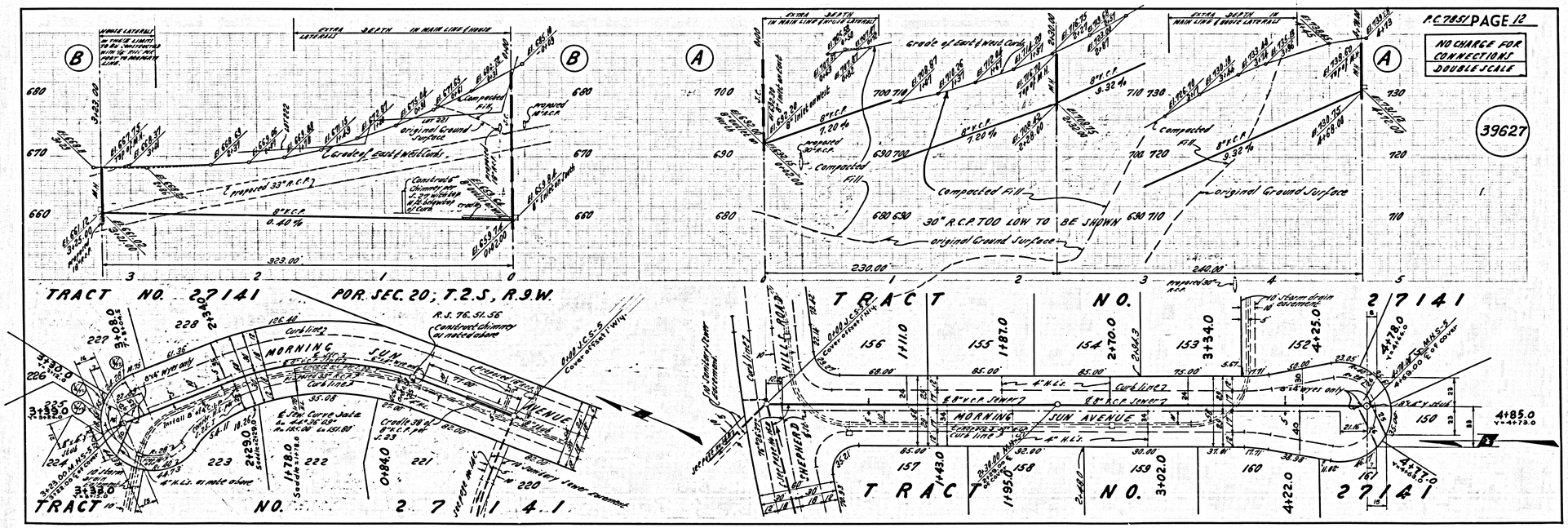
NO CHARGE FOR CONNECTIONS
DOUBLE SCALE

39626


EXTRA DEPTH ..... IN MAIN LINE AND HOUSE LATERALS
Grade of North & South Curb
Compacted Fill
original Ground Surface
8" V.C.P.
3.12%
0.40%
TRACT NO. 27141
TAM O'SHANTER
DRIVE
LEAF DRIVE
WALNUT
MERTON
Construct Chimneys as noted above
8" V.C.P. Sewer
Curb Line
4" H.L.I.
6" W.I. only
Construct 6" Chimney per L.D. 27
Construct 6" Ch. w/ Mfgr's per L.D. 27
Construct M.H. at Ver. Curve and Curb Line on Property Line
Construct Chimney as noted above
3+50.5
3+640
3+50.0
3+20.0
1+10.0
1+76.0
1+66.5
1+90.0
2+40.0
2+70.0
2+67.0
2+59.0
1+98.0
3+05.0
3+25.0
3+30.0
199
200
201
202
203
204
205
206
207
180
181
182
183
193
194
60.00
56.08
70.00
88.00
83.00
67.91
37.00
115.84
182.00
85.16
P.C. 7851 PAGE 12

NO CHARGE FOR CONNECTIONS
DOUBLE SCALE

39627



P.C. 2851 PAGE 13

39628

COLLECT CHARGES AS INDICATED
DOUBLE SCALE

EXTRA DEPTH IN MAIN LINE AND HOUSE LATERALS

Surface over Sewer
Compacted Fill
Original Ground Surface
Construct 6" Chimney per L.27
8" V.C.P. 0.40%
cradle as shown below
IDENTICAL

POR. LOT 1 TR. NO. 9058
BY=0+97.0
M.B. 144-38/100

COLLECT ORD. FAT. CHARGE $3.00 PER FRONT FOOT $80.00 MIN.

GOLF COURSE

NO COMNS ALLOWED UNTIL PROPERTY HAS PAID THE ANNEX. FEE TO CO. SAN. DIST. NO. 21

10' Sanitary Sewer Easement

TRACT NO. 27141

POR. LOTS 1 & 2 TR. NO. 9058
M.B. 144-38/100

NO CONNECTIONS ALLOWED UNTIL PROPERTY HAS PAID THE ANNEXATION FEE TO COUNTY SANITATION DISTRICT NO. 21

Construct chimneys as noted above.

8" V.C.P. 12 Sanitary Sewer Easement per L.23

NO CHARGE FOR CONNECTIONS

POR. LOT 2 TR. NO. 9058
M.B. 144-38/100

COLLECT ORD. FAT. CHARGE $3.00 PER FRONT FT. $80.00 MIN.

Construct 6" V.C.P. Sewer in 12' Sanitary Sewer Easement per L.23

Create 10' Sanitary Sewer Easement

Cradle 137' of 8" V.C.P. per L.23

Construct House Lateral at Service Line Point per L.23

Collect ORD. FAT. CHARGE $3.00 PER FT. $80.00 MIN.

GOLF COURSE

POR. LOT 2 TR. NO. 9058
M.B. 144-38/100

P.C. 2851 PAGE 14

39629

COLLECT CHARGES AS INDICATED
DOUBLE SCALE

Surface over Sewer
Compacted Fill
Original Ground Surface
Construct 6" Chimneys per L.27
Cradle as shown below
8" V.C.P. 0.40%

TRACT NO. 27141

NO CHARGE FOR CONNECTIONS

COLLECT ORD. FAT. CHARGE $3.00 PER FT. $80.00 MIN.

GOLF COURSE

10' Sanitary Sewer Easement

Construct House Lateral at Service Line Point per L.23

Construct Anchor Block per L.24

MORNING SUN AVENUE

TAM O'SHANTER DRIVE

MERION WAY

Cradle 137' of 8" V.C.P. per L.23

Construct Chimneys as noted above.

See Page M.13

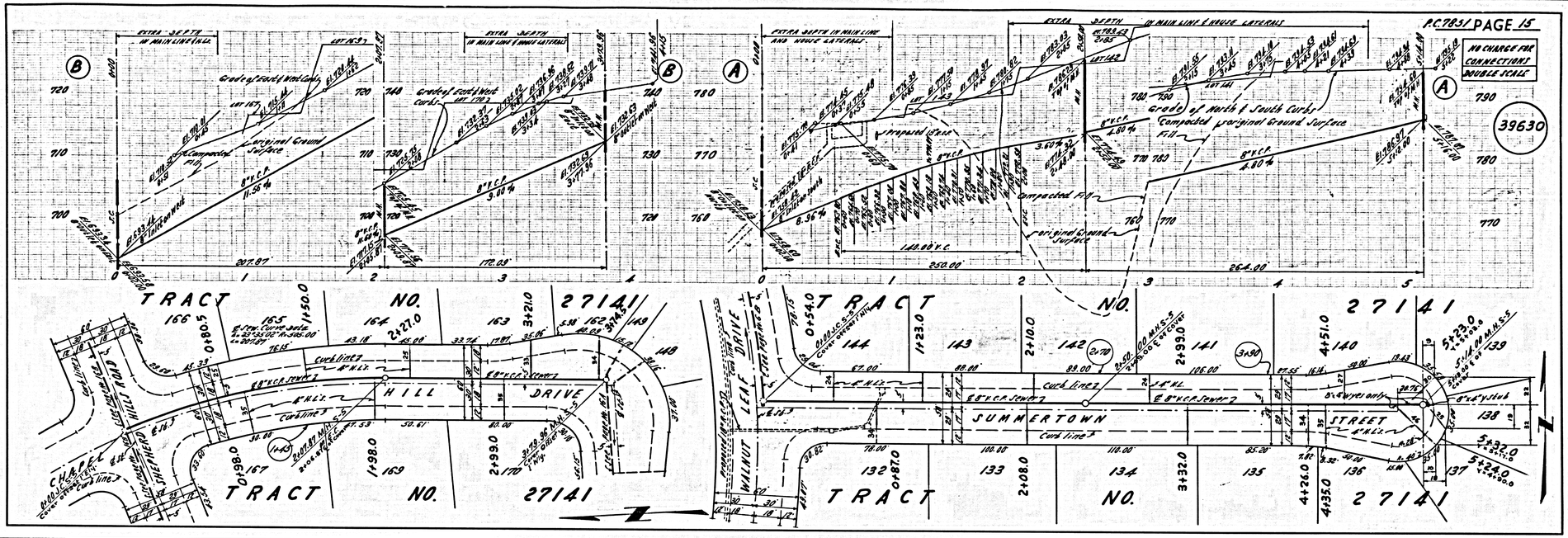
See Right

L.A. COUNTY SEWER SHEET NO. 2 SOUTHERN CALIFORNIA BLUEPRINT CO.

P.C. 7831 / PAGE 15

NO CHARGE FOR CONNECTIONS
DOUBLE SCALE

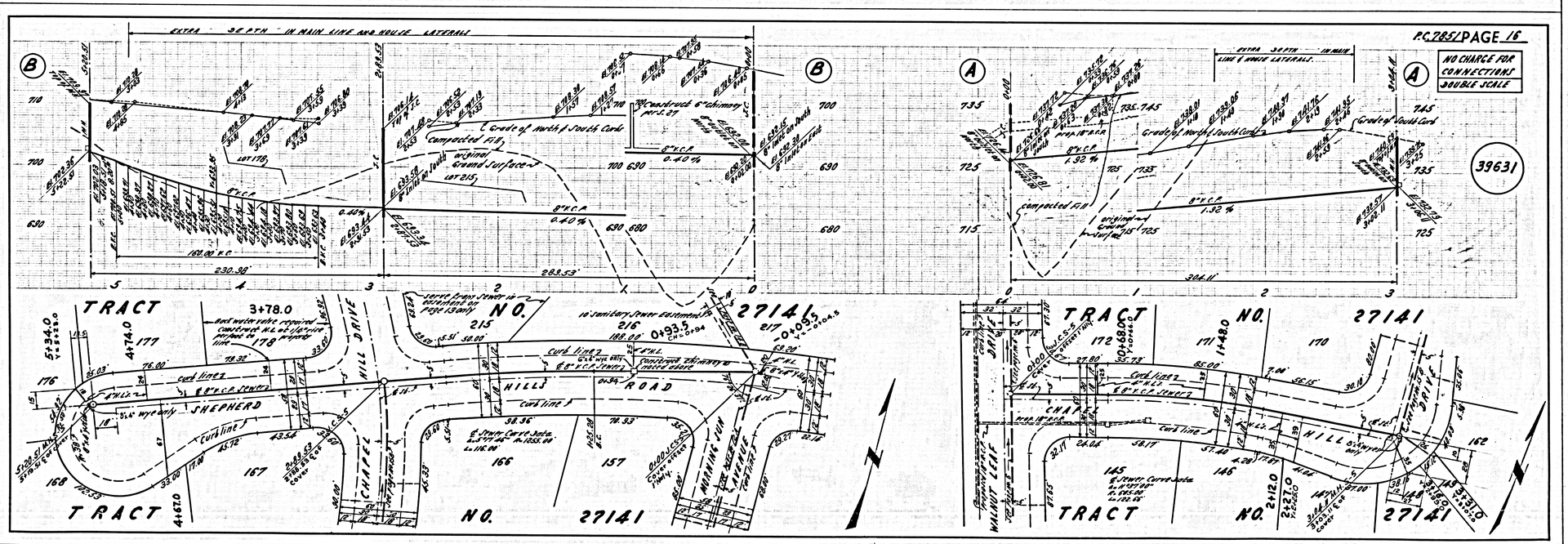
39630



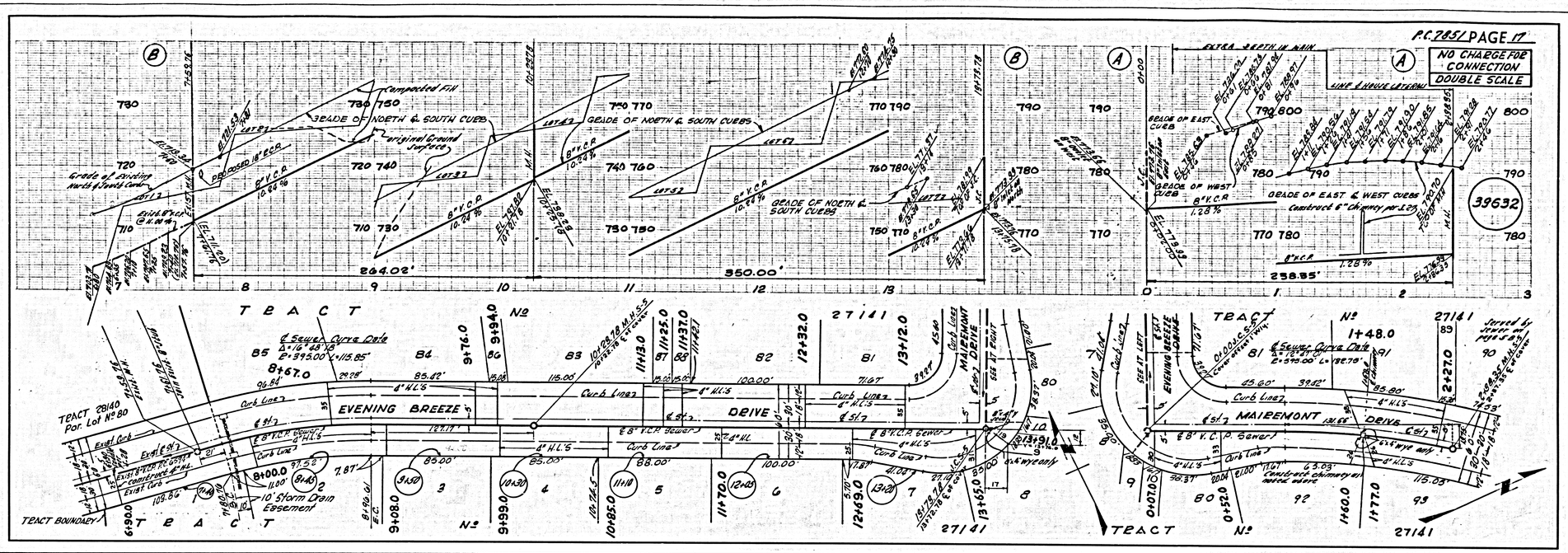
P.C. 7851 / PAGE 16

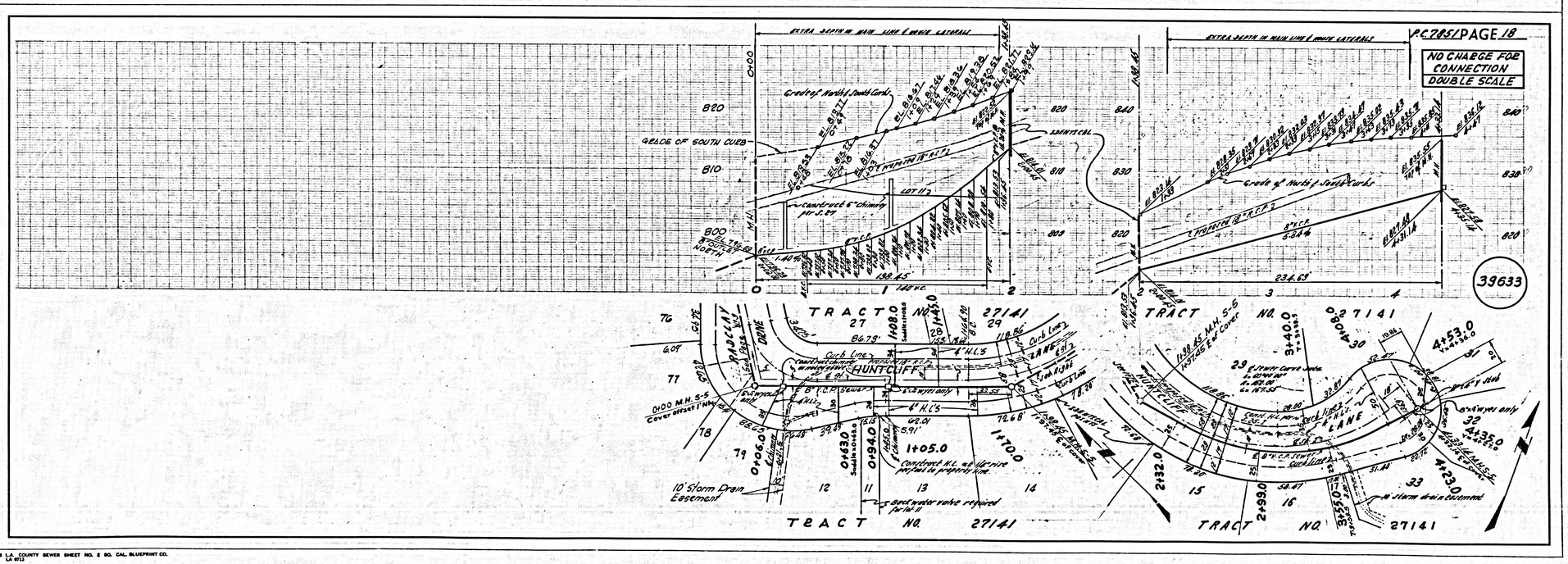
NO CHARGE FOR CONNECTIONS
DOUBLE SCALE

39631



L.A. COUNTY SEWER SHEET NO. 2 SOUTHERN CALIFORNIA BLUEPRINT CO.





K&E 175153 L.A. COUNTY SEWER SHEET NO. 2 BO. CAL. BLUEPRINT CO. LA 9713

P.C. 7851 PAGE 19

NO CHARGE FOR CONNECTION
DOUBLE SCALE

39634

EXTRA DEPTH IN MAIN LINE AND HOUSE LATERALS

GRADE OF NORTH & SOUTH CURBS

GRADE OF SOUTH CURB

PROPOSED 18" R.C.P.

Compacted Fill

original Ground Surface

8"V.C.P.

8"V.C.P. (Jewett)

85 C.I.P.

TRACT NO. 28140
POR. LOT 59

TRACT NO. 27141

LAKE CANYON DRIVE

Curb Line

4" H.L.S.

4" H.L.

Curb Line 7

E. Sewer Curve Data
Δ = 18°28'13"
R = 605.00'
L = 195.07'

E. Sewer Curve Data
Δ = 19°26'31"
R = 1145.00'
L = 388.56'

16" Storm drain easement

10' Storm Drain Easement

Construct Chimney at rear of elbow

H.L. centerline at 18" storm drain at property line 1+68.0 to 1+90.5 18" storm drain centerline

No connections allowed until property has been annexed to the County Sanitation District No. 21

8" V.C.P. Sewer

Sta. 19+26.29 Calif. W.W.

Sta. 20+89.61

Sta. 22+03.84

Sta. 23+52.84

Sta. 25+46.0

Sta. 26+46.0

Sta. 27+46.0

Sta. 28+46.0

Sta. 29+46.0

Sta. 30+46.0

Sta. 31+46.0

Sta. 32+46.0

Sta. 33+46.0

Sta. 34+46.0

119.32'

195.29'

349.90'

199.99'

P.C. 7851 PAGE 20

NO CHARGE FOR CONNECTION
DOUBLE SCALE

39635

CONSTRUCT HOUSE LATERALS ON NORTH AT 1/4" RISE PER FOOT TO PROPERTY LINE

EXTRA DEPTH IN MAIN LINE & HOUSE LATERALS

Grade of North & South Curbs

Grade of South Curb

Grade of North Curb

Compacted Fill

original Ground Surface

8"V.C.P.

10" Sanitary Sewer Easement

E. Sewer Curve Data
Δ = 90°00'00"
R = 105.00'
L = 165.43'

Sta. 28+43.0

Sta. 29+34.0

Sta. 30+57.0

Sta. 31+55.0

Sta. 32+44.0

Sta. 33+30.0

Sta. 34+12.0

946.27'

223.00'

177.00'

TRACT NO. 27141

LAKE CANYON DRIVE

CHAPEL HILL DRIVE

Curb Line

4" H.L.S.

4" H.L.

8" V.C.P. Sewer

Sta. 26+33.0

Sta. 27+33.0

Sta. 28+33.0

Sta. 29+33.0

Sta. 30+28.0

Sta. 31+10.0

Sta. 32+11.0

Sta. 33+09.0

Sta. 33+67.0

Sta. 33+53.0

Sta. 33+68.0

Sta. 33+72.0

Sta. 33+75.0

Sta. 33+80.0

Sta. 33+85.0

Sta. 33+90.0

Sta. 33+95.0

Sta. 34+00.0

Sta. 34+05.0

Sta. 34+10.0

Sta. 34+15.0

Sta. 34+20.0

Sta. 34+25.0

Sta. 34+30.0

Sta. 34+35.0

Sta. 34+40.0

Sta. 34+45.0

Sta. 34+50.0

Sta. 34+55.0

Sta. 34+60.0

Sta. 34+65.0

Sta. 34+70.0

Sta. 34+75.0

Sta. 34+80.0

Sta. 34+85.0

Sta. 34+90.0

Sta. 34+95.0

Sta. 35+00.0

Sta. 35+05.0

Sta. 35+10.0

Sta. 35+15.0

Sta. 35+20.0

Sta. 35+25.0

Sta. 35+30.0

Sta. 35+35.0

Sta. 35+40.0

Sta. 35+45.0

Sta. 35+50.0

Sta. 35+55.0

Sta. 35+60.0

Sta. 35+65.0

Sta. 35+70.0

Sta. 35+75.0

Sta. 35+80.0

Sta. 35+85.0

Sta. 35+90.0

Sta. 35+95.0

Sta. 36+00.0

Sta. 36+05.0

Sta. 36+10.0

Sta. 36+15.0

Sta. 36+20.0

Sta. 36+25.0

Sta. 36+30.0

Sta. 36+35.0

Sta. 36+40.0

Sta. 36+45.0

Sta. 36+50.0

Sta. 36+55.0

Sta. 36+60.0

Sta. 36+65.0

Sta. 36+70.0

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