

- NOTE: REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK. THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONS FOR ALL HOUSE CONNECTIONS AND Y BRANCHES AND SHALL BROWSE STAKES FOR THEM AT THEIR PROPOSED LOCATIONS WITH STATIONING PLAINLY MARKED. ANY CHANGE OF LOCATION SHALL BE REQUESTED IN WRITING BY THE OWNER OR HIS REPRESENTATIVE. (NO REVISIONS SHALL BE MADE AT THESE POINTS WITHOUT APPROVAL OF THE COUNTY ENGINEER.)
1. USE STANDARD MANHOLE FRAMES AND COVERS S-4117.
  2. USE STANDARD STRENGTH PIPE EXCEPT AS NOTED.
  3. USE BEST SET MORTAR FOR ALL WIPED JOINT PIPE JOINTS.
  4. RESURFACE ALL TRENCH WITHIN PAVED AREA TO MEET L.A. COUNTY ROAD DEPT. REQUIREMENTS IN ACCORDANCE WITH THE PERMIT.
  5. ENCASE FOUR FEET OF SEWER AT POINTS OF INTERFERENCE WITH POLE, SHED.
  6. HOUSE CONNECTIONS TO BE CONSTRUCTED WITH BRICK AT PROPERTY LINE & FALL BELOW CURB GRADE.
  7. ALL STRUCTURES SHALL BE BRICK SEWER STRUCTURES S-4118.
  8. PROVIDE CHANGES ON THE PROPERTY LINES OR PROPERTY LINES PROVIDED AT RIGHT ANGLES TO THE SEWER LINE IN THE CENTER LINE OF EACH MANHOLE.

PROFILE GRADE AND ALIGNMENT OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
**CONQUISTA AVE.**  
 BETWEEN ARBOR RD & DEL AMO BLVD.  
**CARFAX AVE.**  
 BETWEEN ARBOR RD & DEL AMO BLVD.  
**CANEHILL AVE.**  
 BETWEEN ARBOR RD & DEL AMO BLVD.  
 IN TRACT NO. 16396

PRIVATE CONTRACT NO. 1356  
 W.S. 31  
 SHEET 1 OF 4 SHEETS  
 MAY-1950  
 PREPARED IN THE OFFICES OF  
 ENGINEERING SERVICE CORPORATION

By E.F. Young  
 REG. C. E. NO. 417

FOR LEGEND  
 SEE PLAN NO. S-3-64

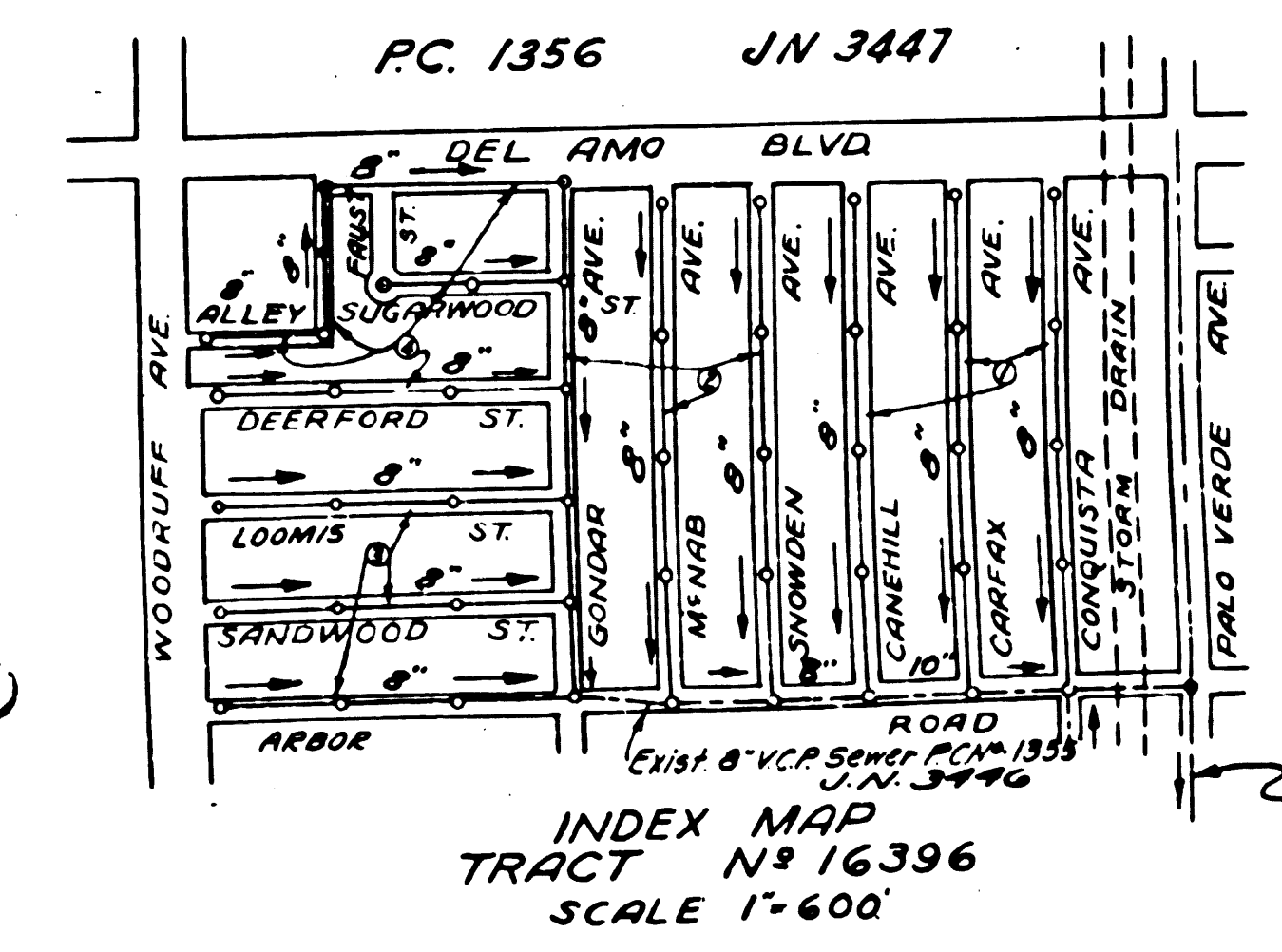
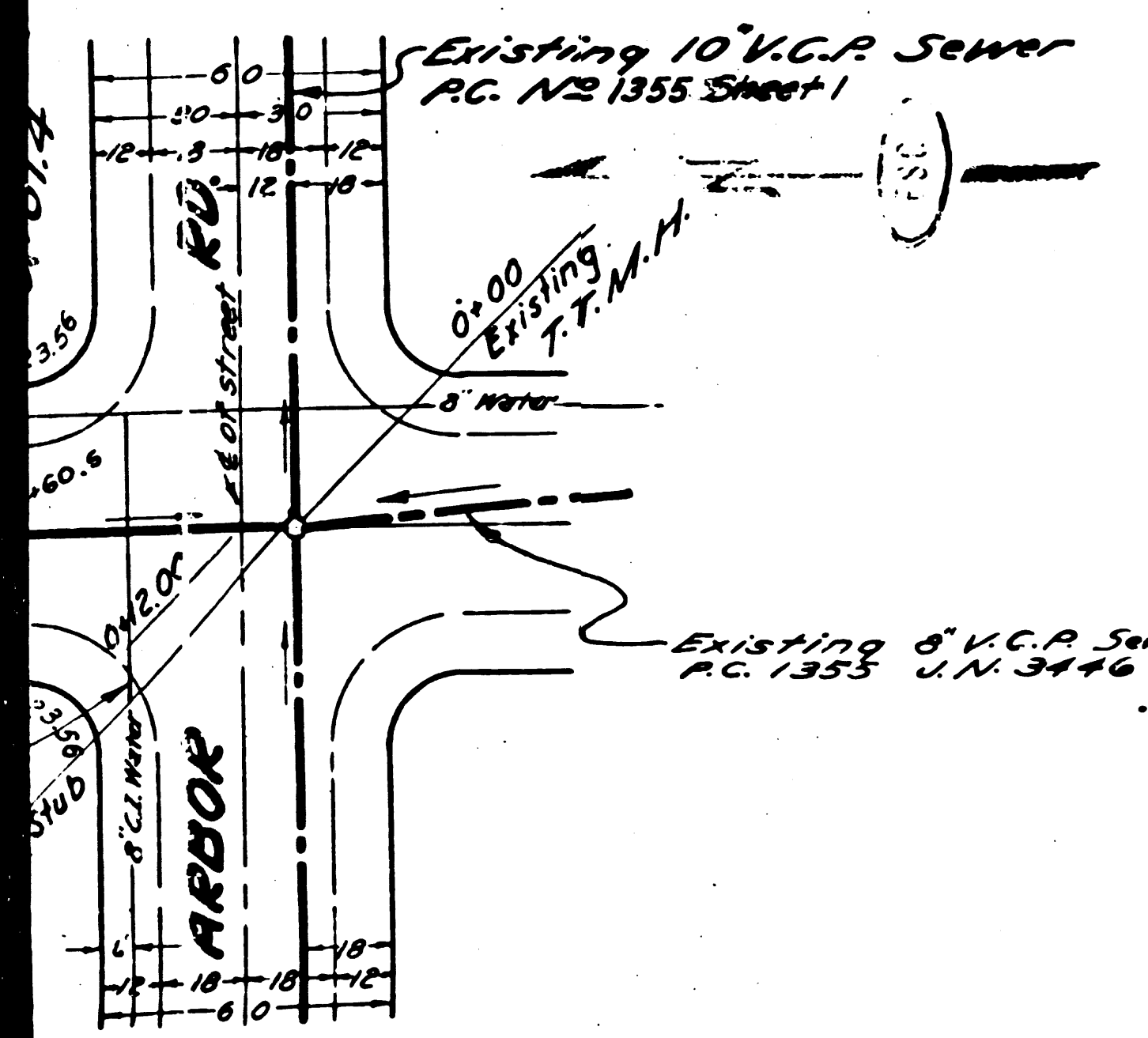
ENGINEERING SERVICE CORPORATION  
 1127 W. WASHINGTON BLVD. PR. 7281  
 LOS ANGELES 15, CALIF.

REVISIONS	TRACED BY: <u>enc.</u>
	DESIG'D BY: <u>P.W.H.</u>
	C.H.D. BY: <u>P.W.H.</u>
	SUBMITTED: <u>H. Phillips</u>

SUB STRUCTURES C.K.D.  
 W.O. NO. 5077-36 DWG. NO. DATE May 12-1950 SCALE 1" = 40' L.B. F.B.

NOTE: GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURB CENTER LINE OF STREETS, OR CENTER LINE OF ALLEY 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. DATA OR MEAN SEA LEVEL. THIS PLAN AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS. WORK SHALL BE ACCORDING TO SPECIFICATIONS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER AND TO BE OBSERVED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER. APPROVAL BY THE COUNTY ENGINEER DOES NOT CONSTITUTE REPRESENTATION AS TO THE ACCURACY OF THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY, PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL SHEETS.

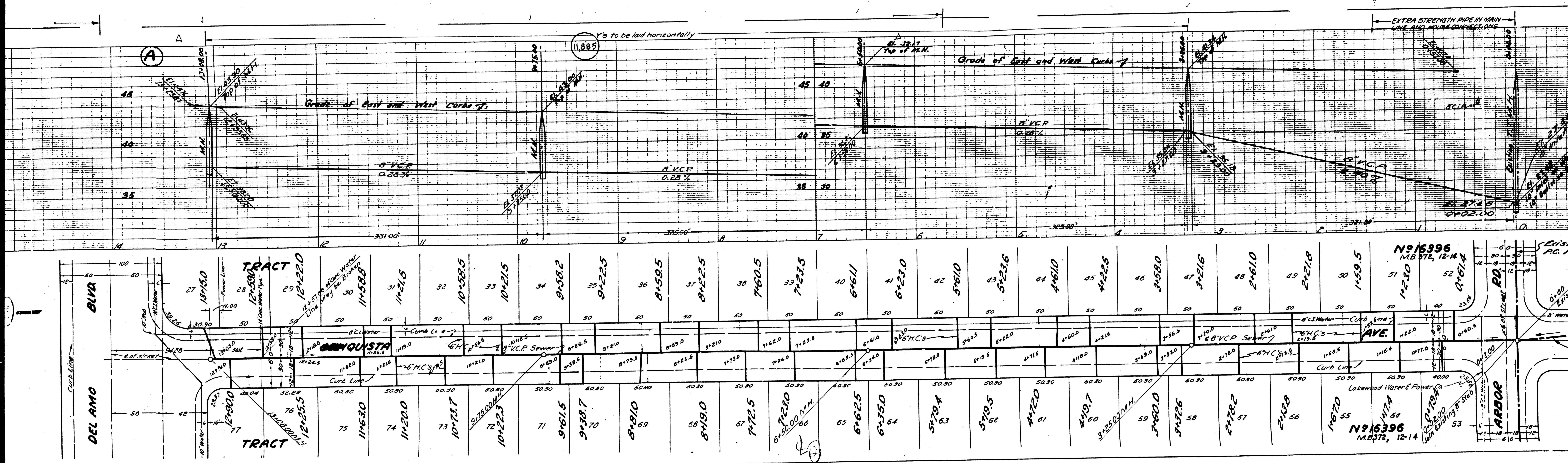
APPROVED: [Signature] COUNTY ENGINEER  
 APPROVED: [Signature] COUNTY ENGINEER  
 CHECKED: [Signature] COUNTY ENGINEER, REG. C. E. NO. 1542



ENGINEERING SERVICE CORPORATION

1

40



(A)

(11,882)

Y's to be laid horizontally

Grade of East and West Curb 7

EXTRA STRENGTH PIPE IN MAIN LINE AND HOUSE CONNECTIONS

Lot No.	Area (sq. ft.)	Dimensions	Notes
27	1975.0	50 x 39.5	
28	1759.0	50 x 35.18	
29	1242.0	50 x 24.84	
30	1158.8	50 x 23.18	
31	1142.5	50 x 22.85	
32	1058.5	50 x 21.17	
33	1021.5	50 x 20.43	
34	918.2	50 x 18.36	
35	912.5	50 x 18.25	
36	859.5	50 x 17.19	
37	812.5	50 x 16.25	
38	760.5	50 x 15.21	
39	723.5	50 x 14.47	
40	646.11	50 x 12.92	
41	623.0	50 x 12.46	
42	546.0	50 x 10.92	
43	523.6	50 x 10.47	
44	446.0	50 x 8.92	
45	422.5	50 x 8.45	
46	358.0	50 x 7.16	
47	321.6	50 x 6.43	
48	246.0	50 x 4.92	
49	242.0	50 x 4.84	
50	159.5	50 x 3.19	
51	142.0	50 x 2.84	
52	146.4	50 x 2.93	
53	146.0	50 x 2.92	
54	623.5	50 x 12.47	
55	623.0	50 x 12.46	
56	579.4	50 x 11.59	
57	519.5	50 x 10.39	
58	472.0	50 x 9.44	
59	419.7	50 x 8.39	
60	360.0	50 x 7.20	
61	322.6	50 x 6.45	
62	278.2	50 x 5.56	
63	218.0	50 x 4.36	
64	167.0	50 x 3.34	
65	167.0	50 x 3.34	
66	167.0	50 x 3.34	
67	167.0	50 x 3.34	
68	167.0	50 x 3.34	
69	167.0	50 x 3.34	
70	167.0	50 x 3.34	
71	167.0	50 x 3.34	
72	167.0	50 x 3.34	
73	167.0	50 x 3.34	
74	167.0	50 x 3.34	
75	167.0	50 x 3.34	
76	167.0	50 x 3.34	
77	167.0	50 x 3.34	
78	167.0	50 x 3.34	
79	167.0	50 x 3.34	
80	167.0	50 x 3.34	
81	167.0	50 x 3.34	
82	167.0	50 x 3.34	
83	167.0	50 x 3.34	
84	167.0	50 x 3.34	
85	167.0	50 x 3.34	
86	167.0	50 x 3.34	
87	167.0	50 x 3.34	
88	167.0	50 x 3.34	
89	167.0	50 x 3.34	
90	167.0	50 x 3.34	
91	167.0	50 x 3.34	
92	167.0	50 x 3.34	
93	167.0	50 x 3.34	
94	167.0	50 x 3.34	
95	167.0	50 x 3.34	
96	167.0	50 x 3.34	
97	167.0	50 x 3.34	
98	167.0	50 x 3.34	
99	167.0	50 x 3.34	
100	167.0	50 x 3.34	

No 16396 MB 972, 12-14

No 16396 MB 972, 12-14

BLVA

DEL AMO

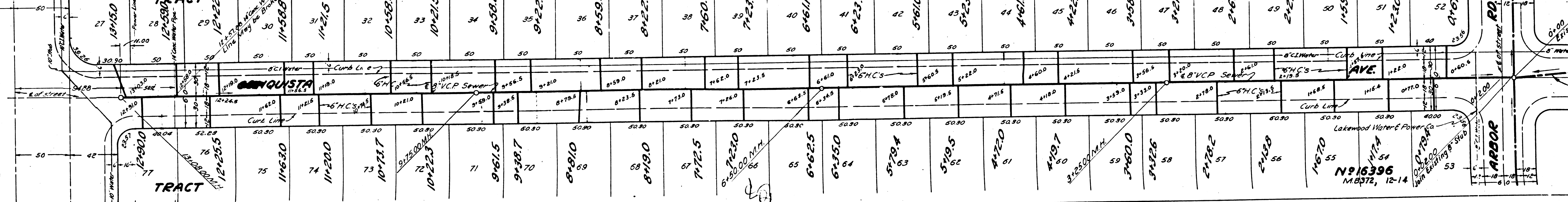
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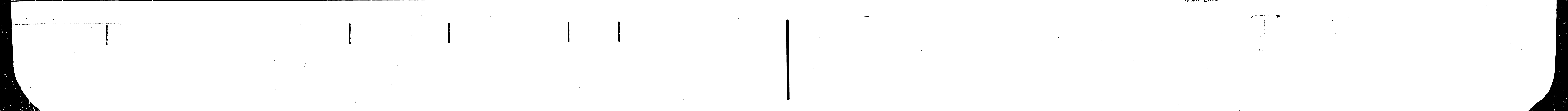
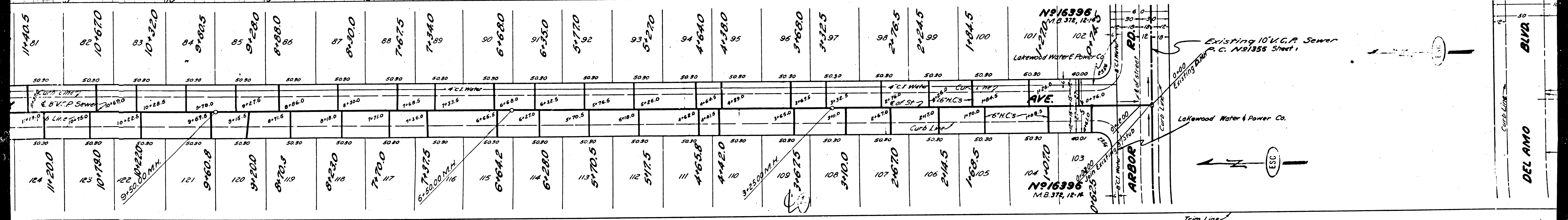
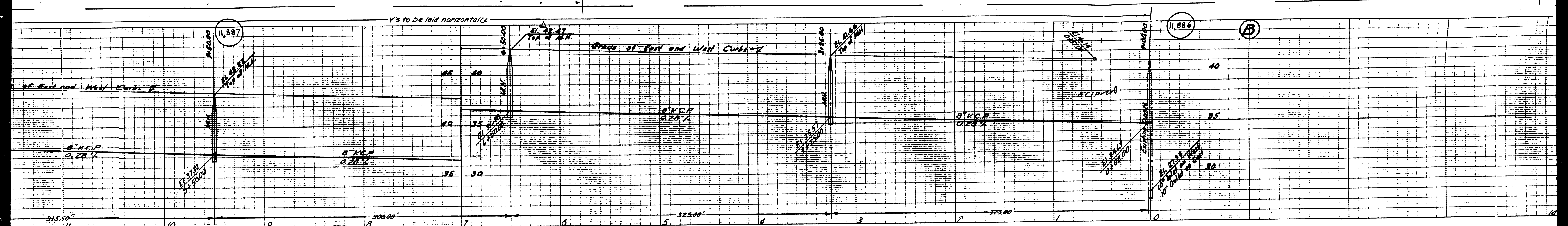
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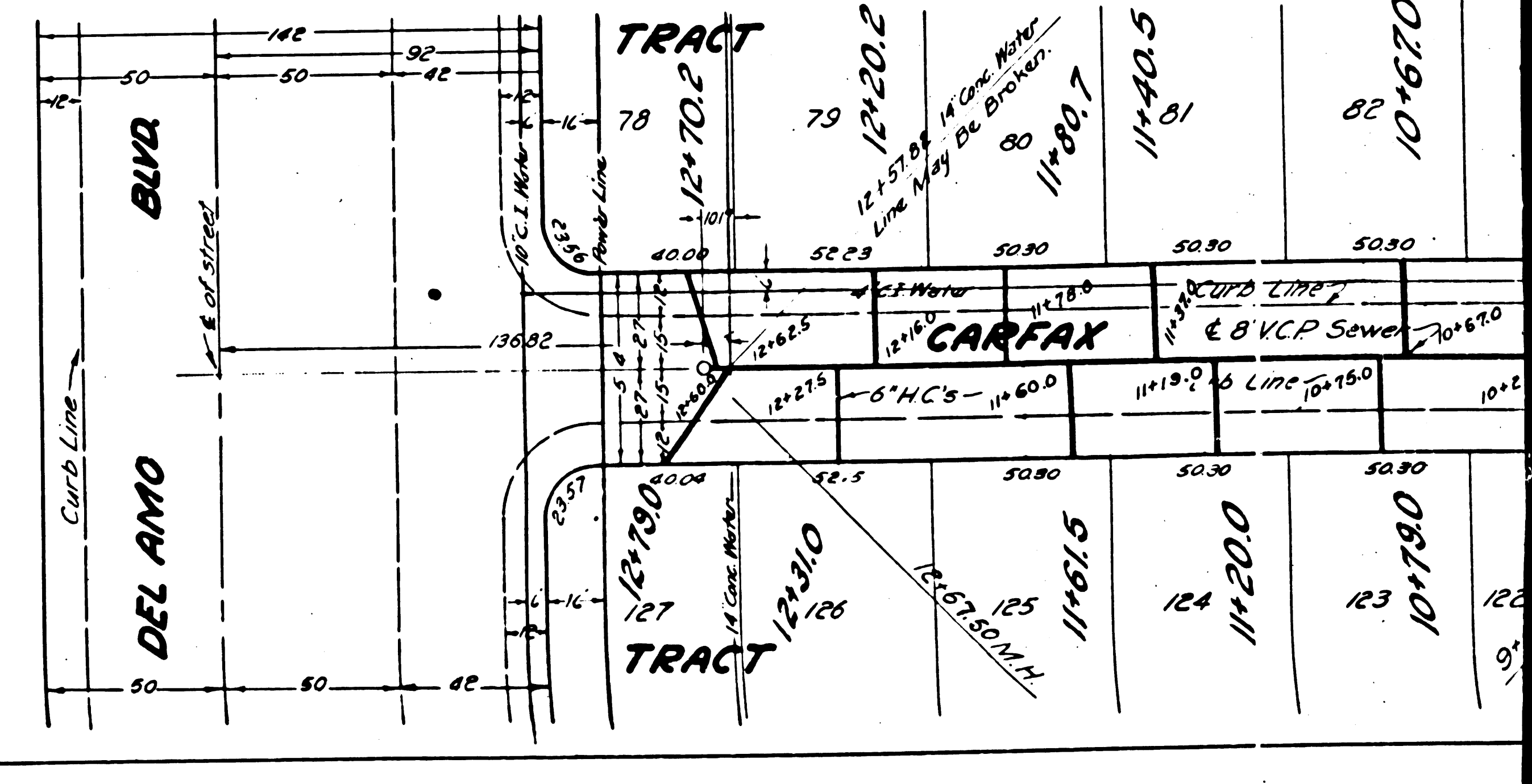
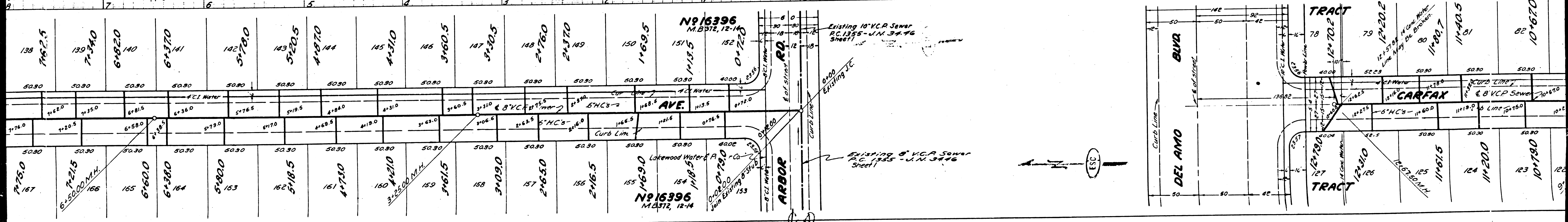
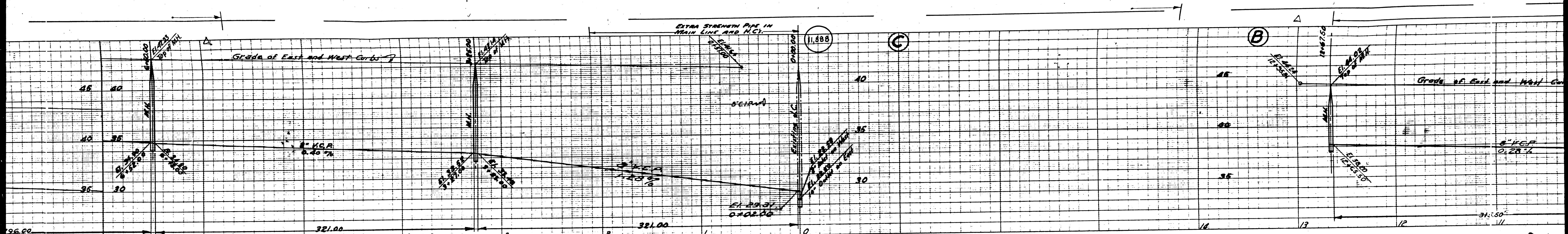
MONQUISTA

LAKEWOOD WATER POWER CO

ARBOR

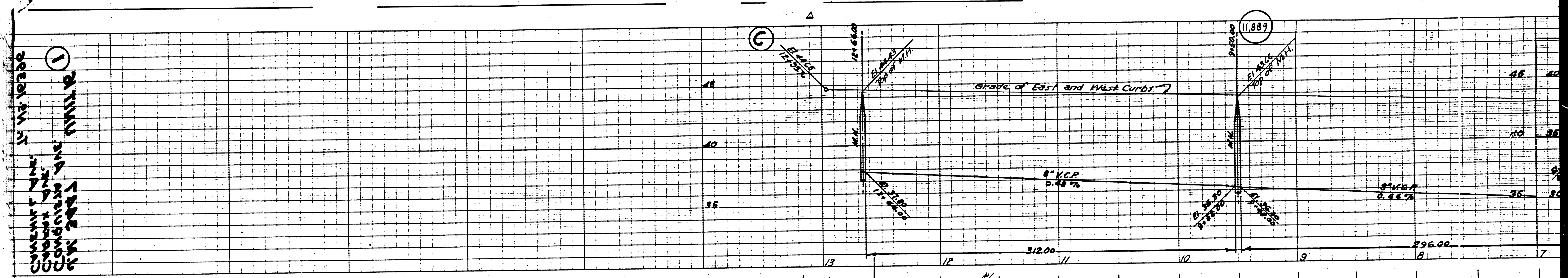
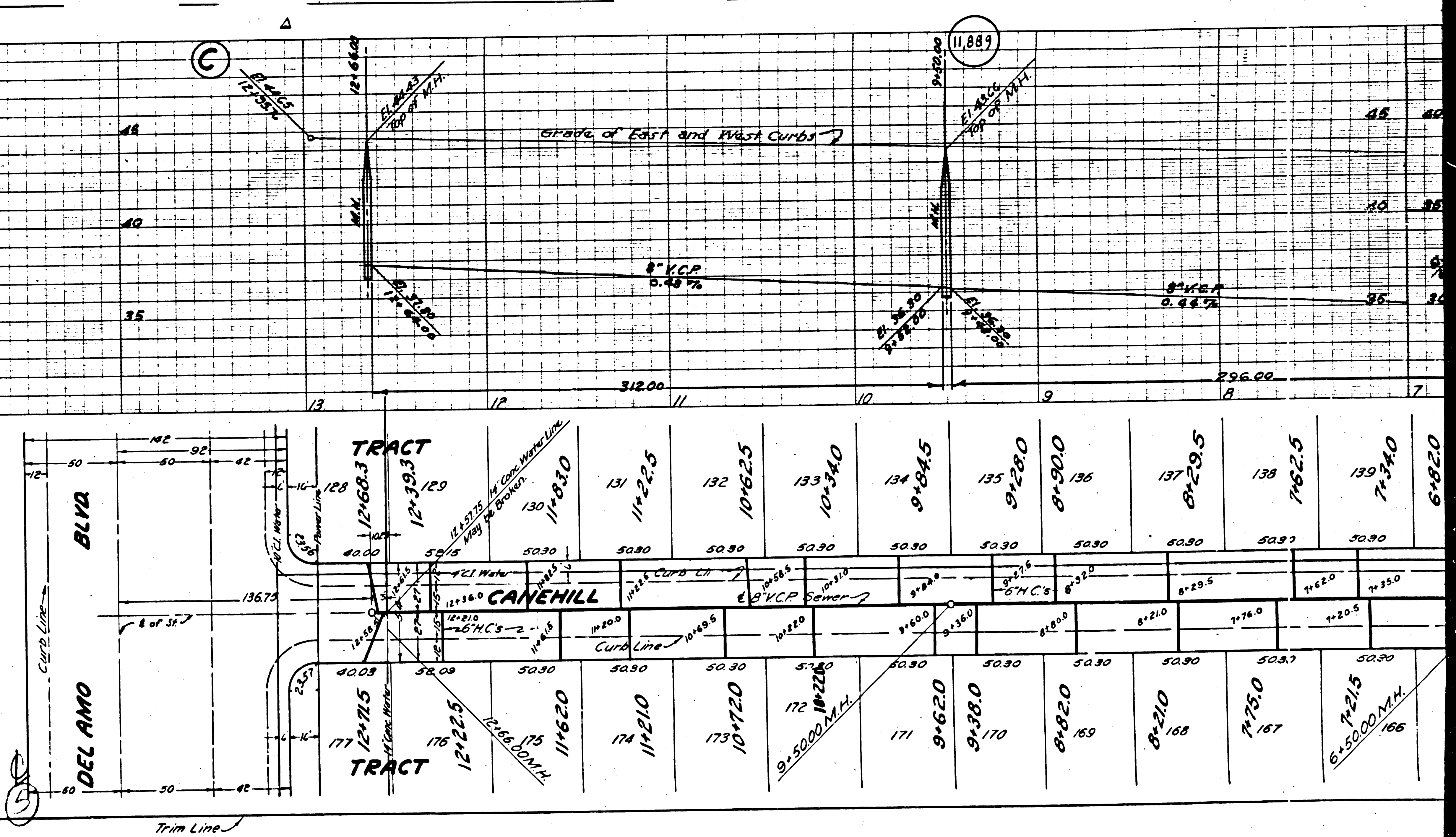
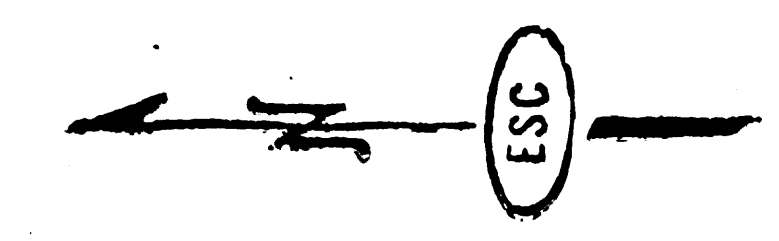


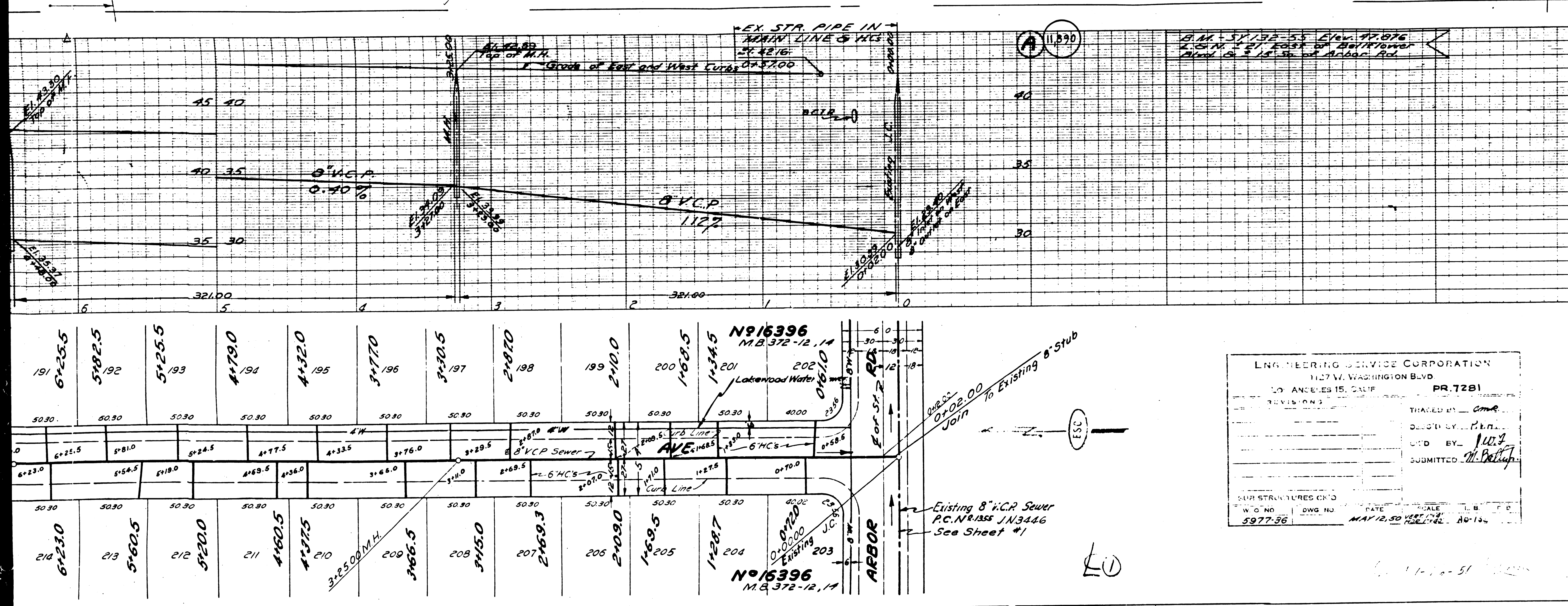




① VERIFY THE  
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CORNERS OF THE  
TRACED

① 244 25652 BC 1320  
PC 1356





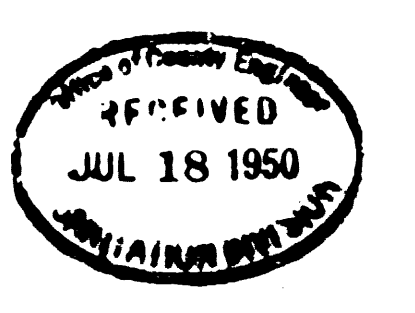
PROFILE GRADE AND ALIGNMENT OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
**SNOWDEN AVE**  
 BETWEEN ARBOR RD. & DEL RMO BLVD.  
**M<sup>S</sup>NAB AVE**  
 BETWEEN ARBOR RD. & DEL RMO BLVD.  
**GONDAR AVE**  
 BETWEEN ARBOR RD. & DEL RMO BLVD.  
 IN TRACT N<sup>o</sup> 16396

PRIVATE CONTRACT NO. 1356  
 W.S. 31  
 SHEET 2 OF 4 SHEETS  
 VERT. 1" = 4'  
 SCALE: HOR. 1" = 40'  
 MAY 1930  
 PREPARED IN THE OFFICES OF  
 ENGINEERING SERVICE CORPORATION

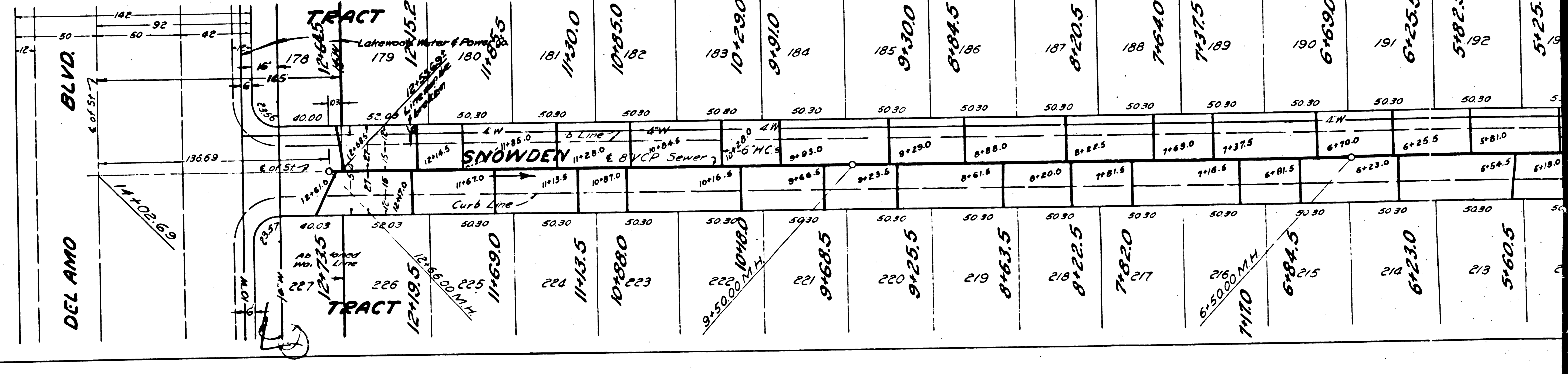
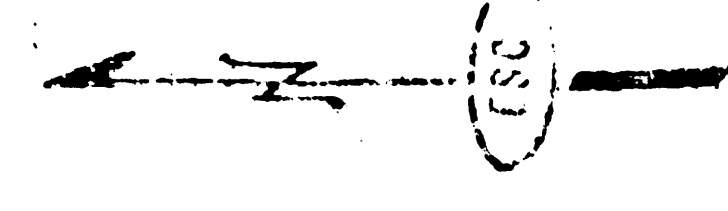
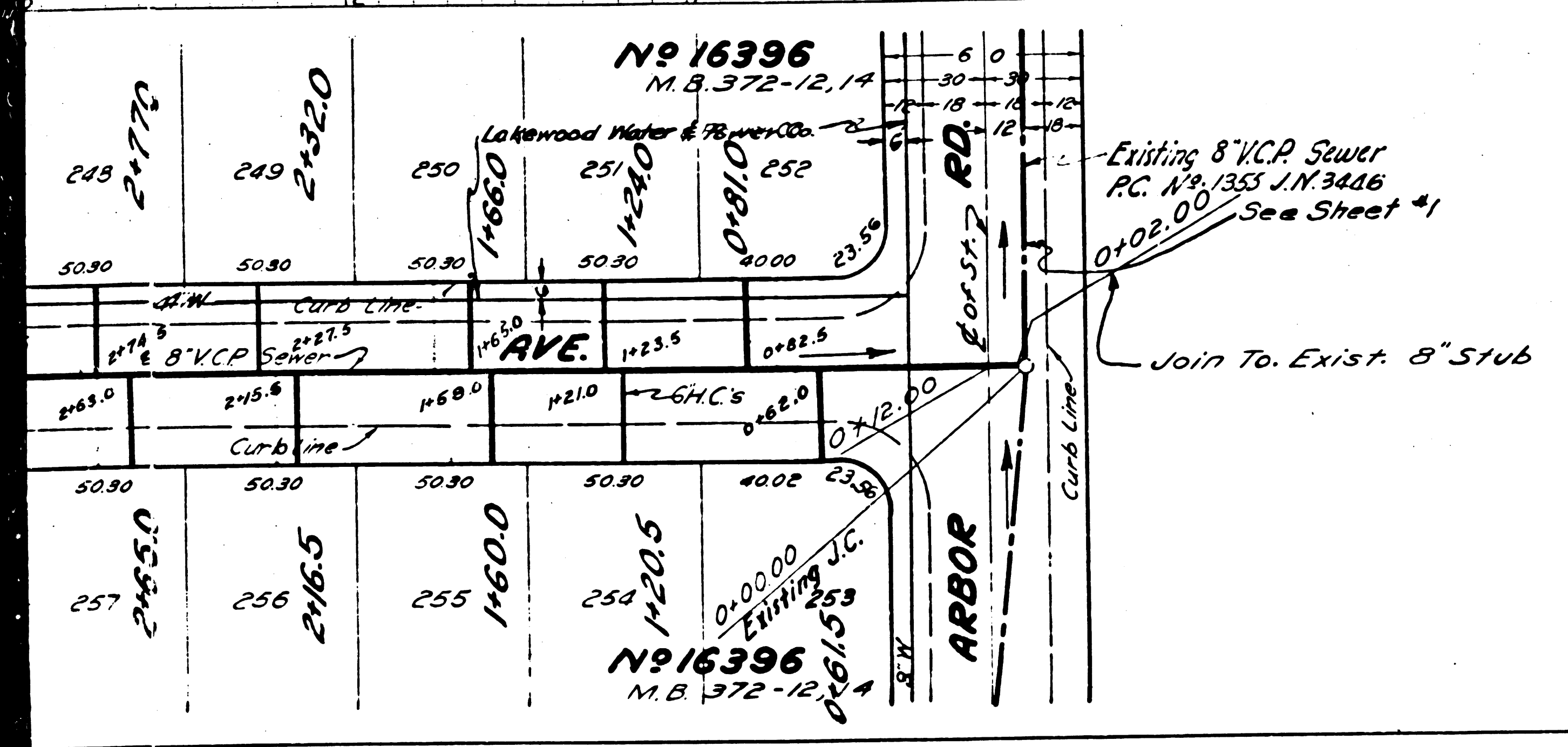
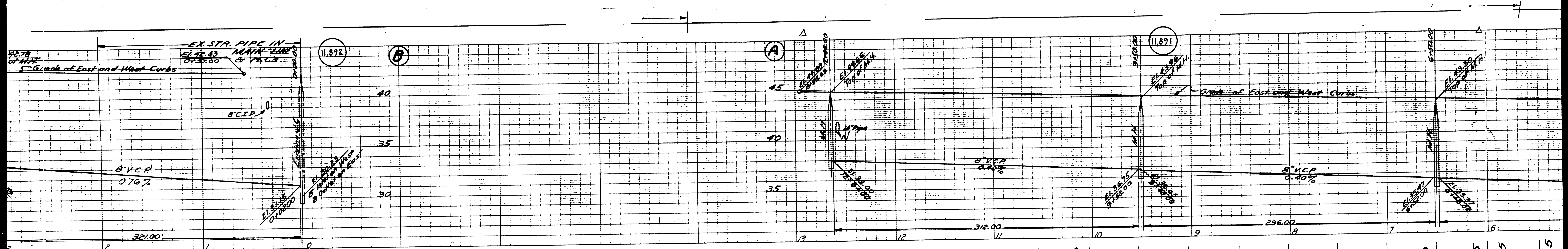
BY E.F. Xenoj  
 REG. C.E. NO. 1117

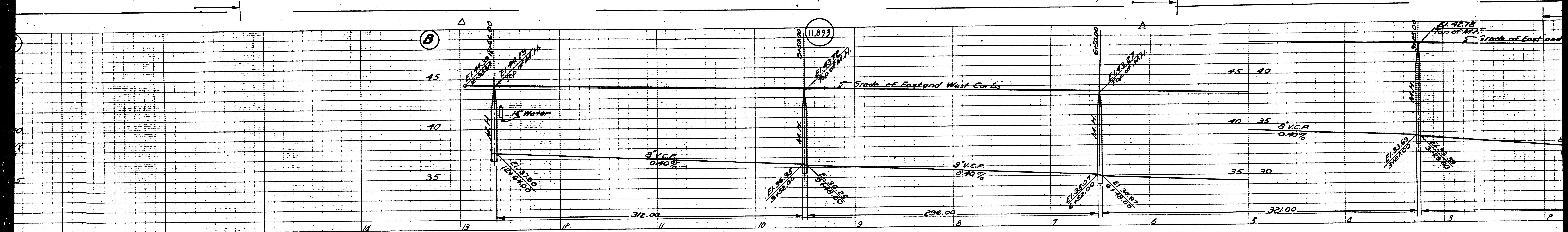
ENGINEERING SERVICE CORPORATION  
 1127 W. WASHINGTON BLVD.  
 LOS ANGELES 15, CALIF. PR. 7281  
 TRACED BY C.M.R.  
 CHECKED BY J.W.Z.  
 SUBMITTED M. Peluph  
 DATE MAY 12, 30  
 W.C. NO. 5977-36

COUNTY OF LOS ANGELES, CALIFORNIA  
 APPROVED: [Signature]  
 APPROVED: [Signature]  
 CHECKED: [Signature]  
 COUNTY ENGINEER, REG. C.E. NO. 1582

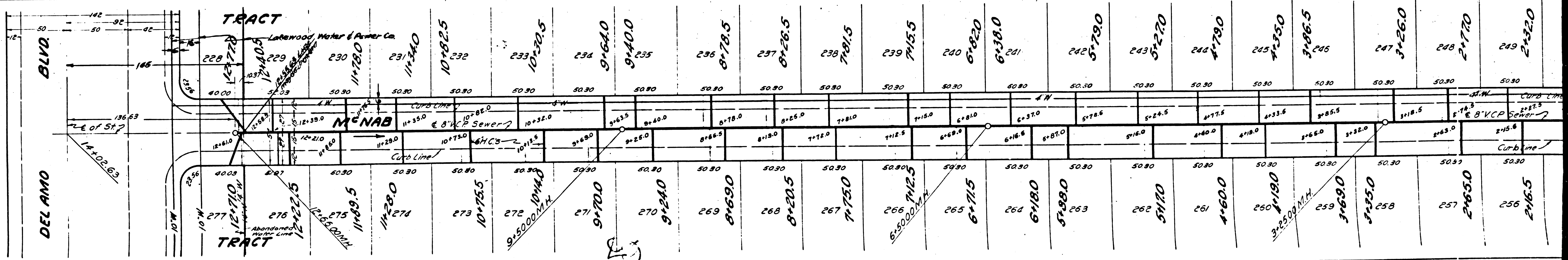
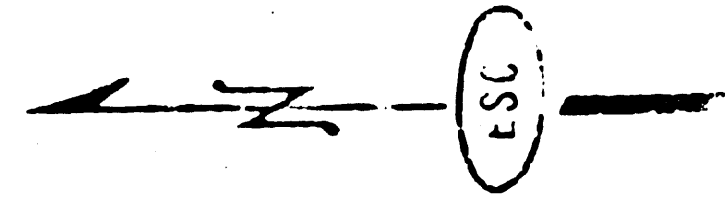


SANITARY SEWERS  
 SNOWDEN AVE  
 M<sup>S</sup>NAB AVE  
 GONDAR AVE  
 CIVIL 16  
 1930



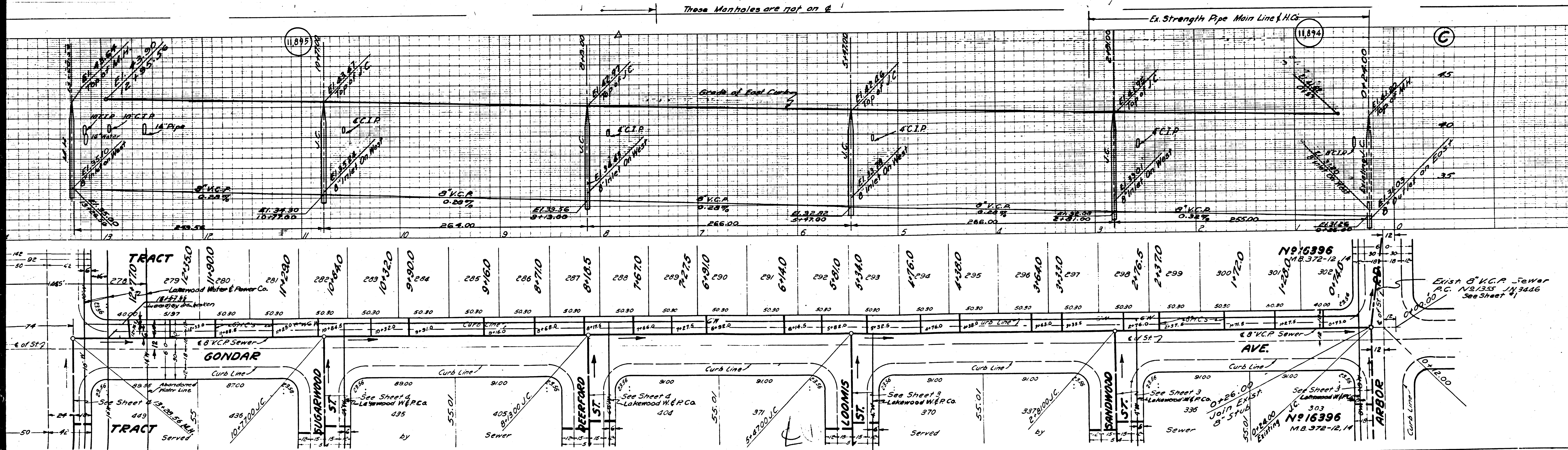


1st 8" V.C.P. Sewer  
 F. NB 1335 JN 3446  
 See Sheet 4

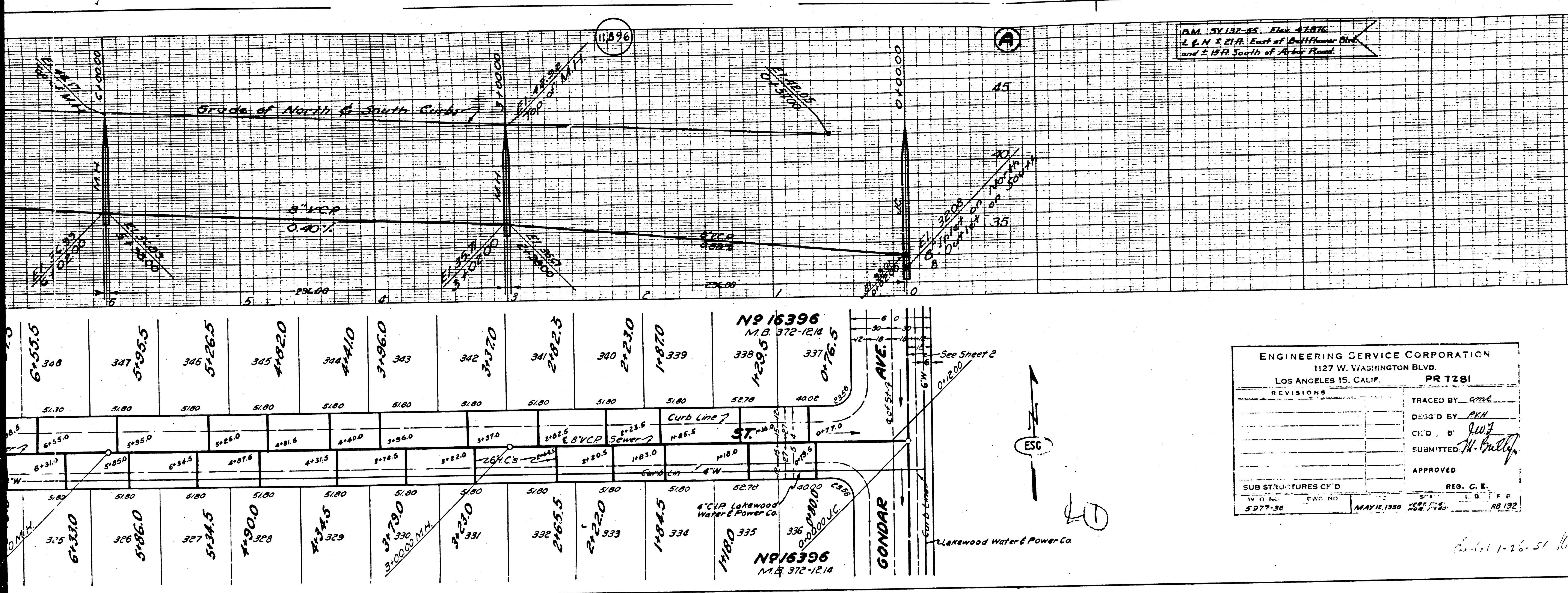




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PROFILE GRADE AND ALIGNMENT OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
**SANDWOOD ST**  
 BETWEEN GONDAR AVE & WOODRUFF AVE.  
**LOOMIS ST**  
 BETWEEN GONDAR AVE & WOODRUFF AVE.  
**ARBOR ROAD**  
 BETWEEN GONDAR AVE & WOODRUFF AVE.  
 IN TRACT NO. 16396.  
 PRIVATE CONTRACT NO. 1356  
 W.S. 3/  
 SHEET 3 OF 4 SHEETS  
 SCALE: VERT. 1" = 4'  
 HOR. 1" = 40'  
 MAY 1950  
 PREPARED IN THE OFFICES OF  
**ENGINEERING SERVICE CORPORATION**  
 BY *E.F. Roenig*  
 REG. C. E. NO. 151

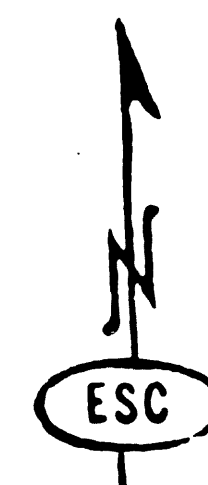
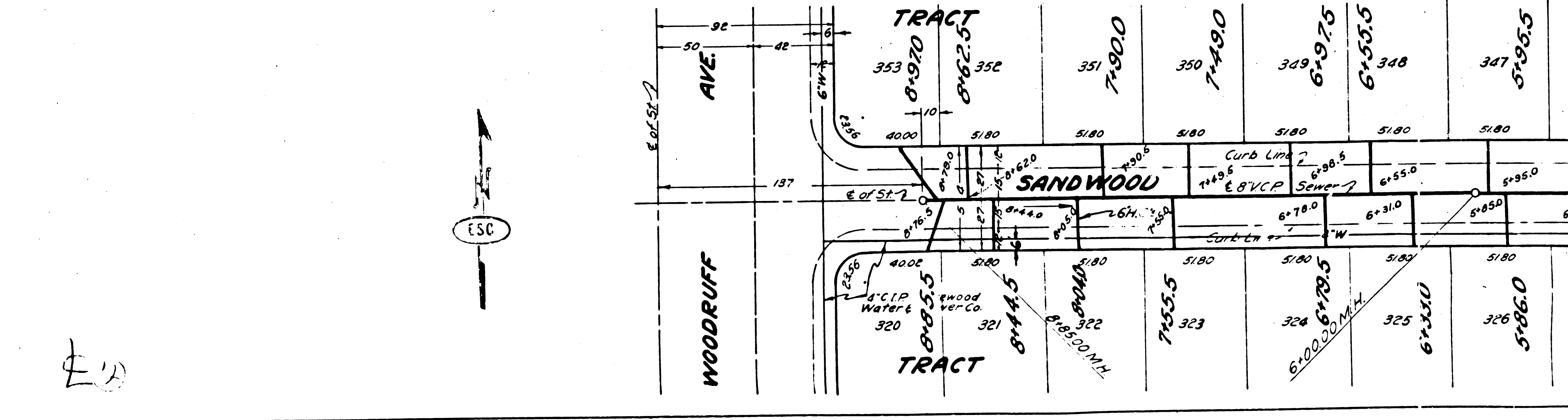
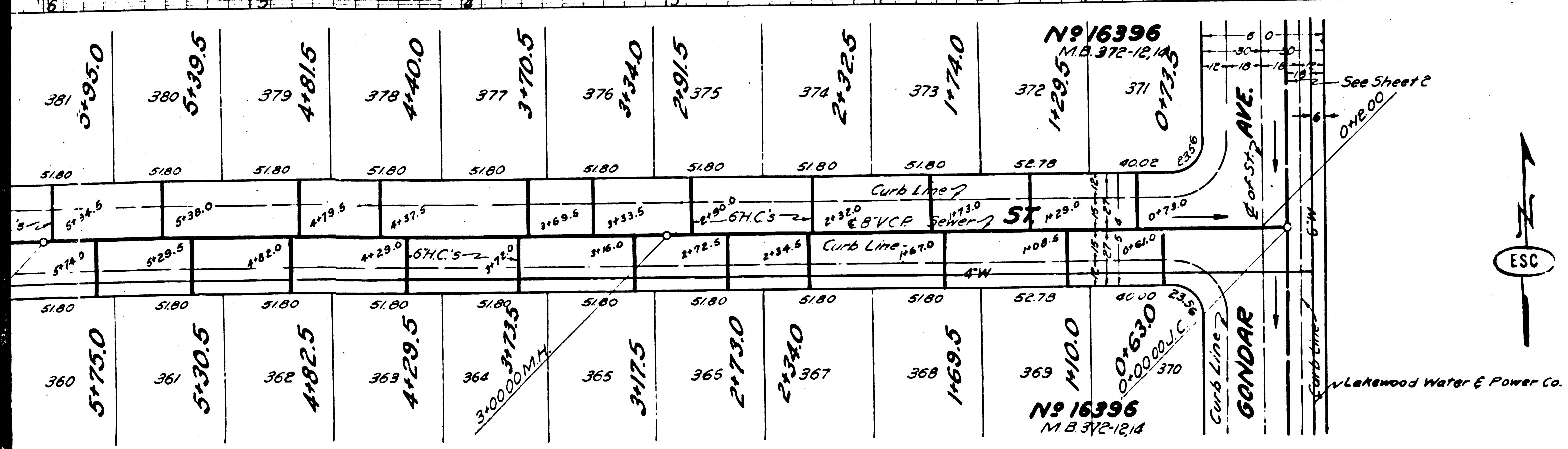
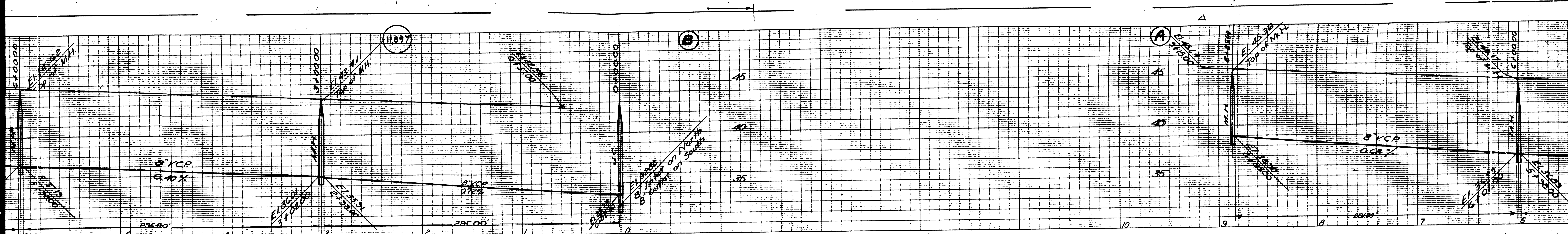
**ENGINEERING SERVICE CORPORATION**  
 1127 W. WASHINGTON BLVD.  
 LOS ANGELES 15, CALIF.  
**PR 7281**

REVISIONS	TRACED BY: <i>ame</i>
	DESIGNED BY: <i>PCW</i>
	CHECKED BY: <i>WJZ</i>
	SUBMITTED BY: <i>H. Bully</i>
	APPROVED

SUB STRUCTURES C'D  
 W.D.N. PAC. NO. MAY 12, 1950 REG. C. E. NO. 151

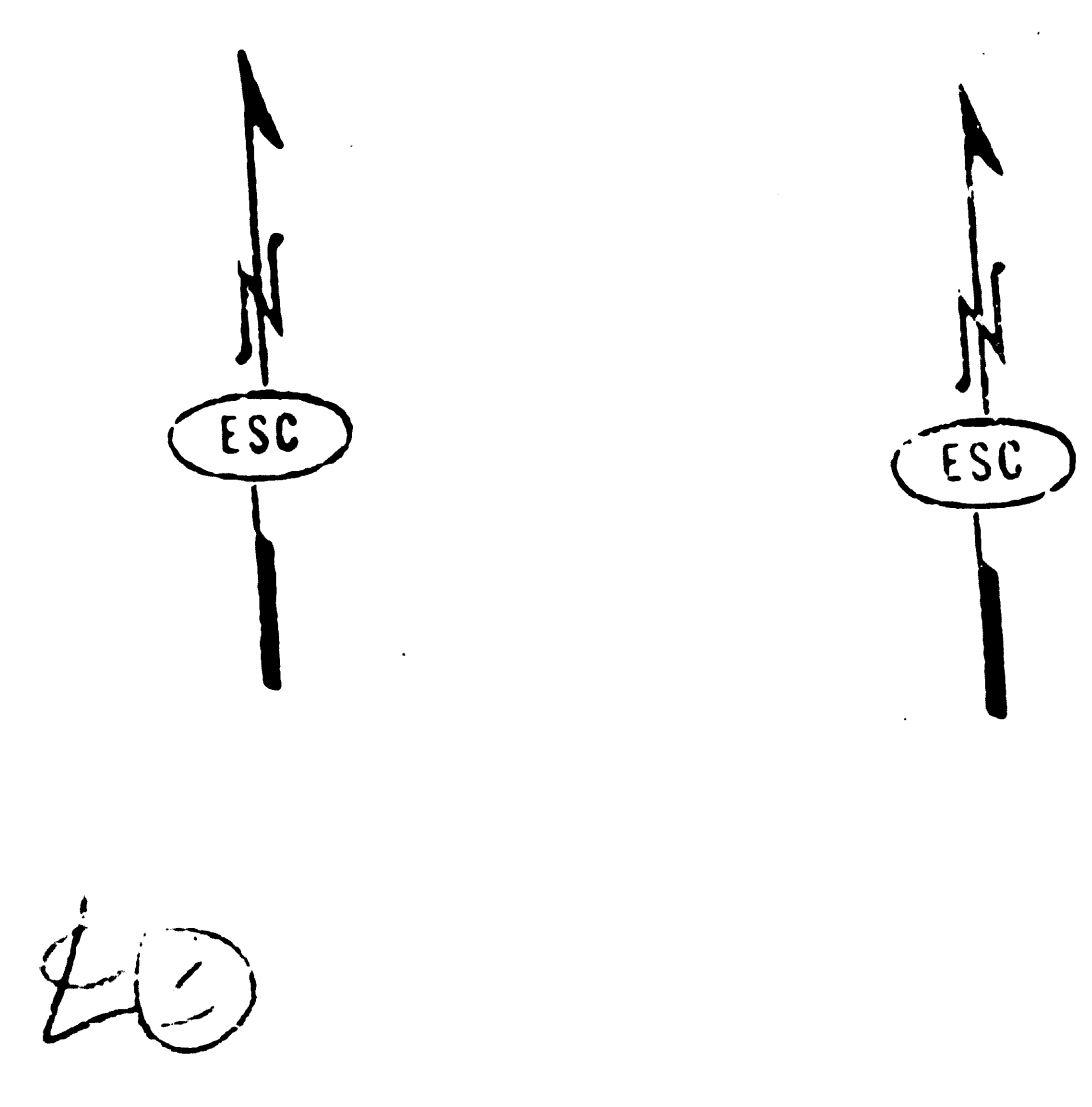
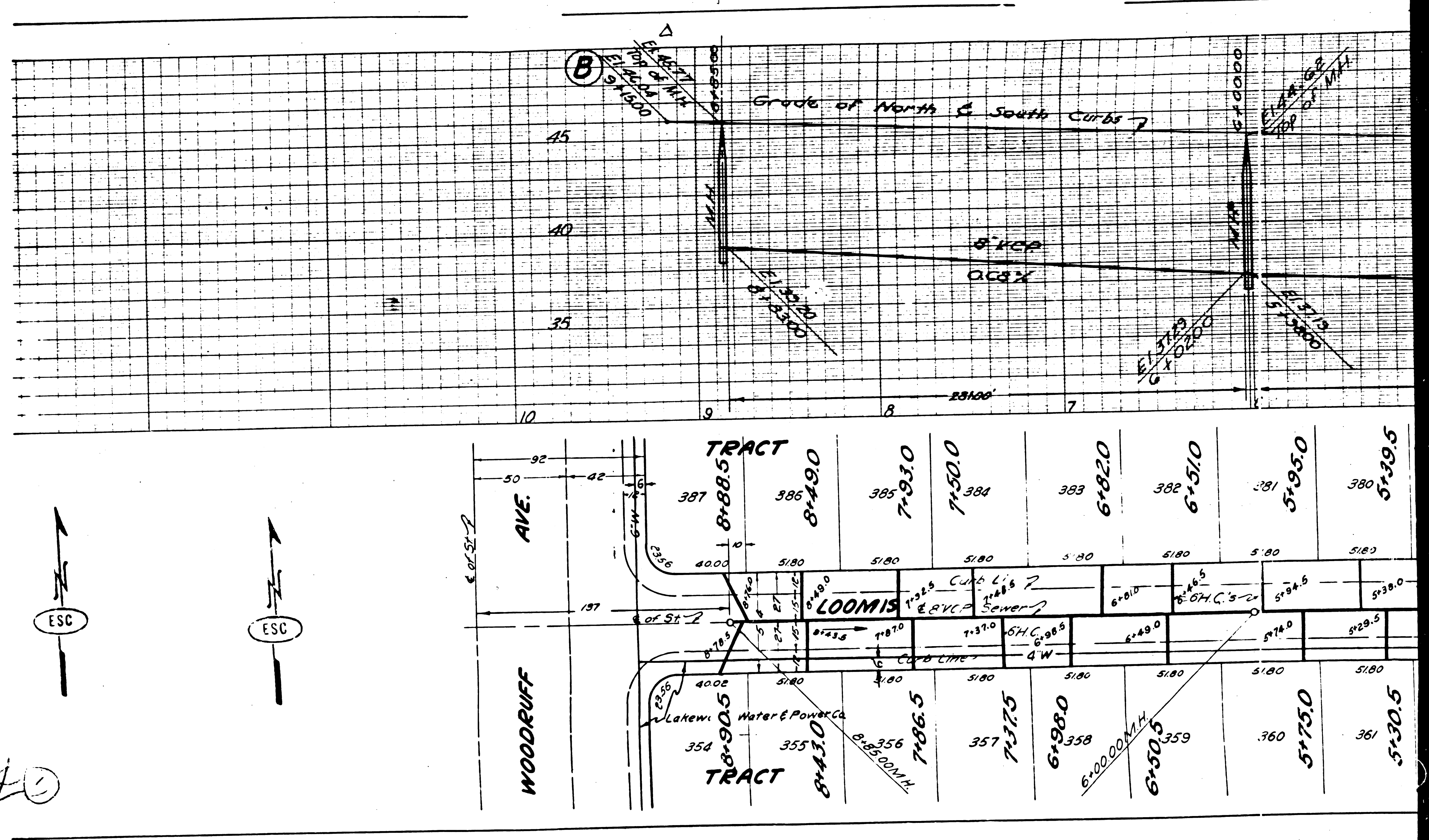
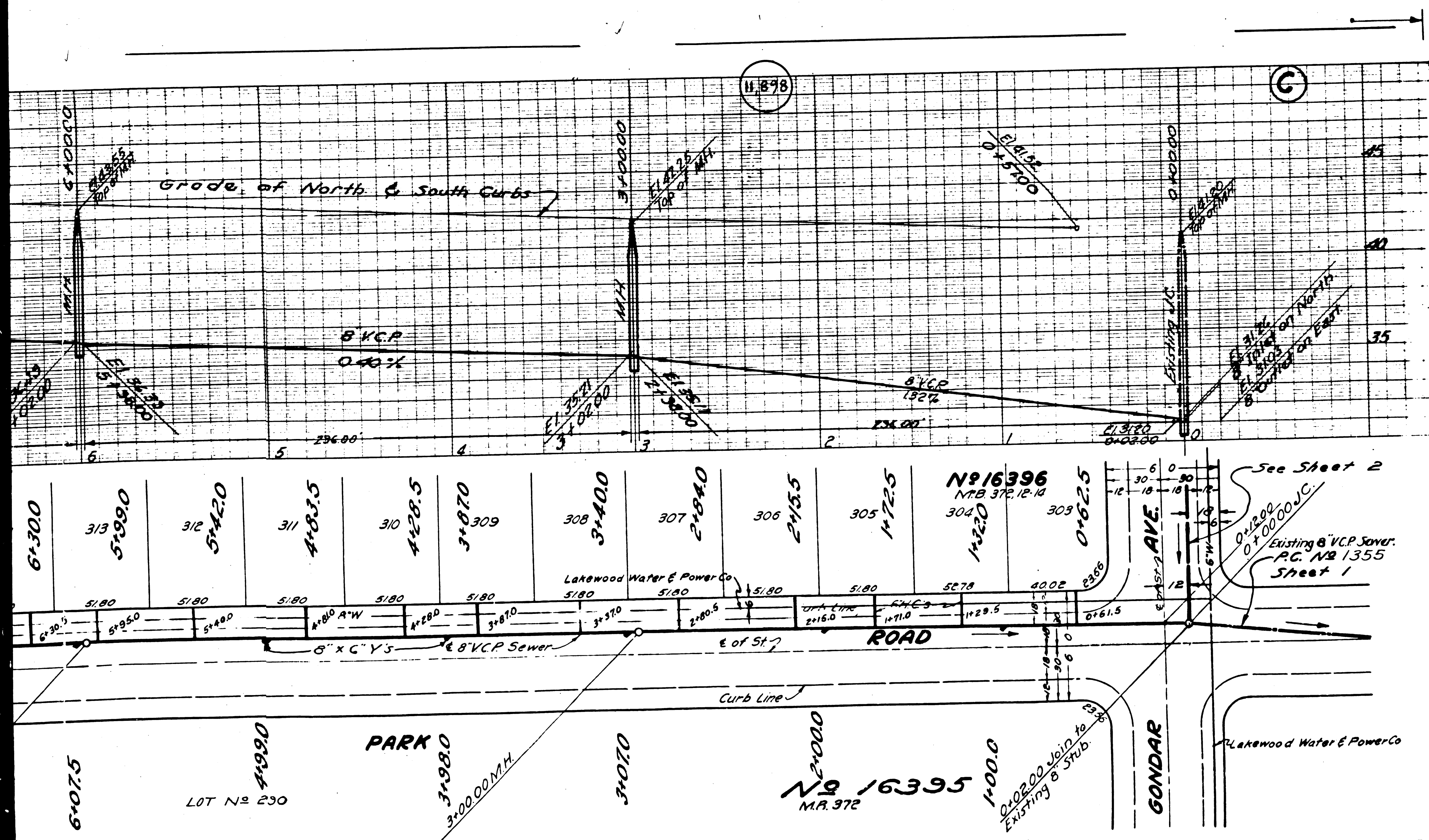
FOR LEGEND  
 SEE PLAN NO. S-4-64  
 FOR CONSTRUCTION NOTES SEE SHEET 1  
 COUNTY OF LOS ANGELES, CALIFORNIA  
 APPROVED: *E. F. Roenig*  
 APPROVED: *Allen*  
 CHECKED: *A. Patton Collins*  
 JUL 18 1950

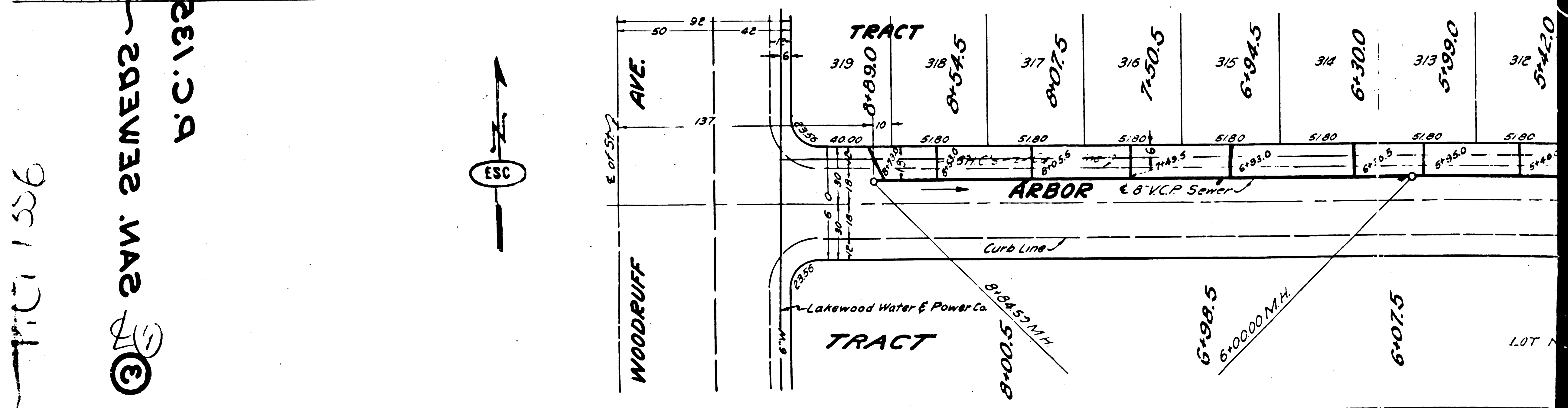
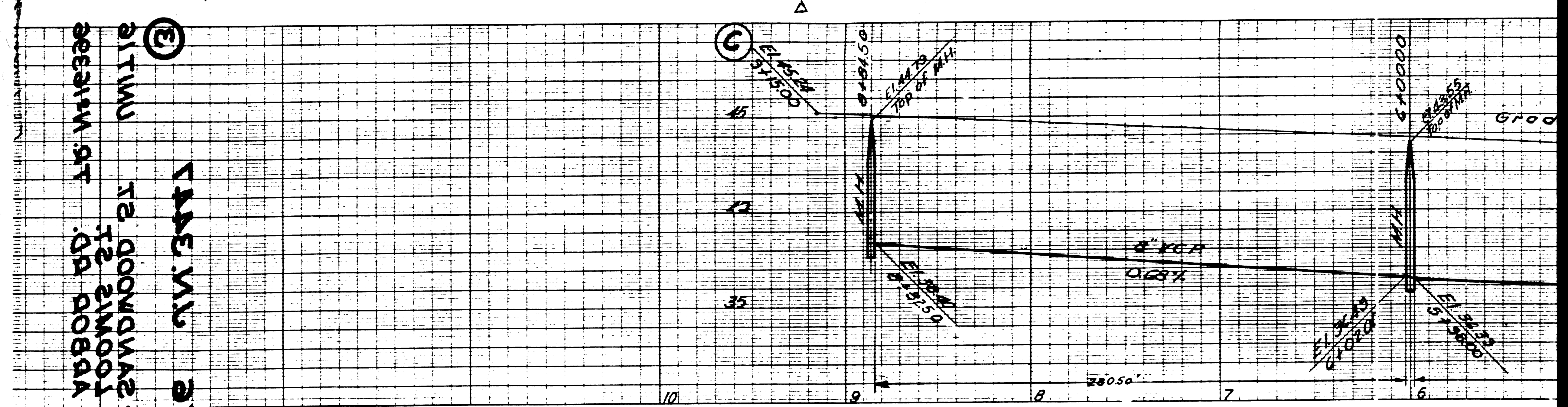
SECTION 11M 3441



W. Lakewood Water & Power Co.

ESC





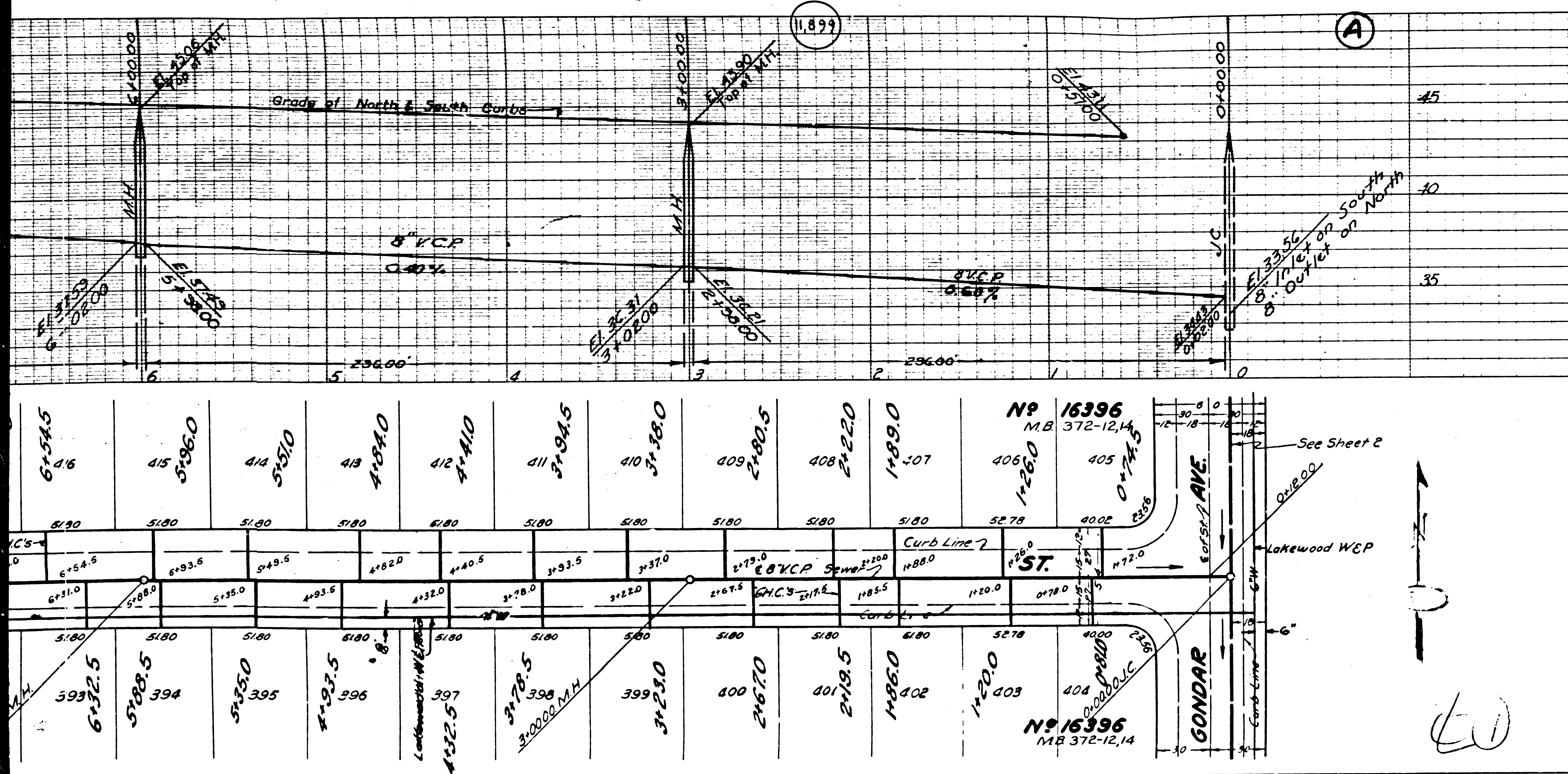
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WOODRUFF AVE.  
 TRACT  
 319 10'x89.0'  
 318 8'x54.5'  
 317 8'x71.5'  
 316 7'x50.5'  
 315 6'x94.5'  
 314 6'x30.0'  
 313 5'x99.0'  
 312 5'x42.0'  
 8'x00.5'  
 8'x98.5'  
 6'x1000.0' N.H.  
 6'x7.5'  
 LOT

1556

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AM. SY 132.55 Elev. 42.78  
 L & N 2' East of Bellflower  
 Blvd. & 2' 10" South of Arbor Road

PROFILE GRADE AND ALIGNMENT OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
**DEERFORD ST**  
 BETWEEN WOODRUFF AVE AND GONDAR AVE  
**SUGARWOOD ST**  
 BETWEEN TRUST ST AND GONDAR AVE  
**DEL AMO BLVD**  
 BETWEEN GONDAR AVE & FIRST ALLEY EAST OF WOODRUFF AVE  
**FIRST ALLEY EAST OF WOODRUFF AVE**  
 BETWEEN DEL AMO BLVD & FIRST ALLEY SOUTH OF DEL AMO BLVD  
**FIRST ALLEY SOUTH OF DEL AMO BLVD**  
 BETWEEN WOODRUFF AVE & FIRST ALLEY EAST OF WOODRUFF AVE  
 PRIVATE CONTRACT NO. 1336  
 W. S. 31  
 SHEET 4 OF 4 SHEETS  
 VERT. 1" = 4'  
 SCALE: HOR. 1" = 40'  
 MAY 1950  
 PREPARED IN THE OFFICES OF  
 ENGINEERING SERVICE CORPORATION

ENGINEERING SERVICE CORPORATION 1127 W. WASHINGTON BLVD. LOS ANGELES 15, CALIF.		PR. 7281
REVISIONS		
TRACED BY	C.M.E.	
DESIGNED BY	P.L.J.	
CK'D BY	G.W.S.	
SUBMITTED	M. J. [Signature]	
SUB STRUCTURES CK'D		
W. O. NO.	DWG. NO.	DATE
5977-36		5-12-50
SCALE		L. B. F. B.
1" = 40'		AD 132

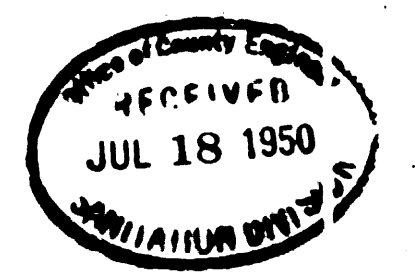
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 SEE PLAN NO. 5-4  
 FOR CONSTRUCTION NOTES SEE SHEET 1

COUNTY OF LOS ANGELES, CALIFORNIA

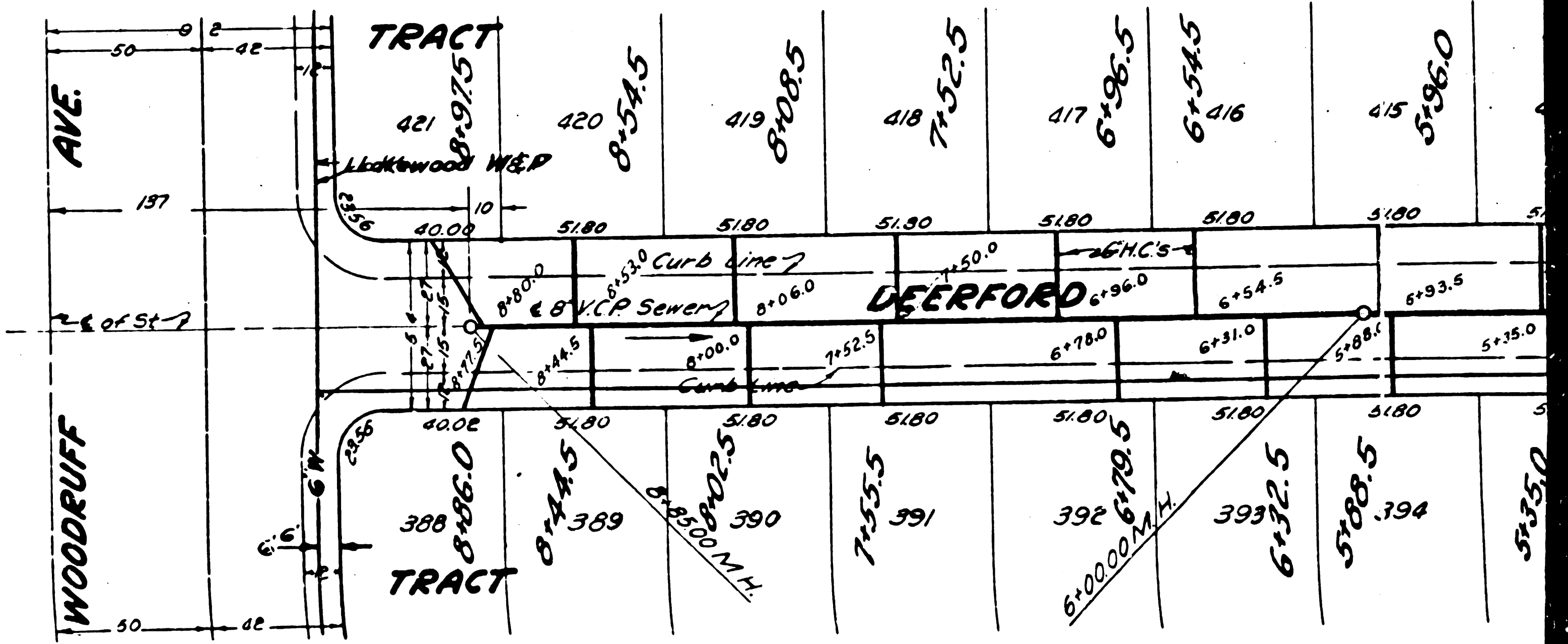
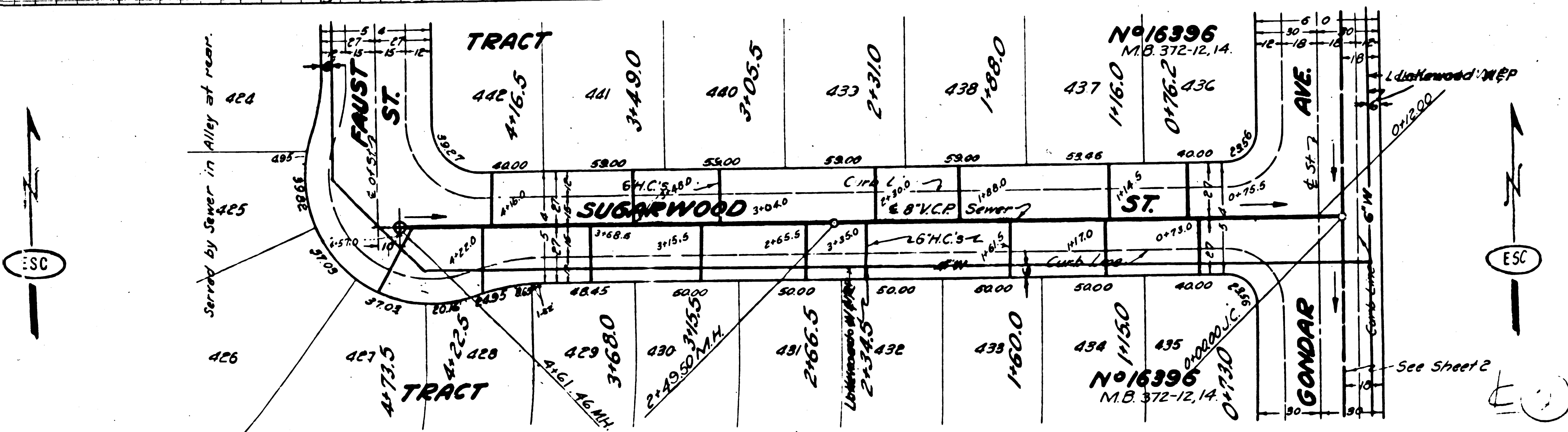
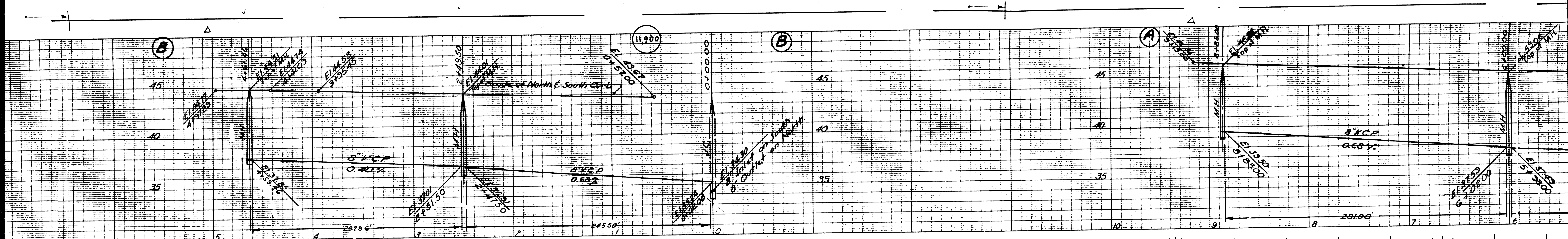
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 COUNTY ENGINEER

APPROVED: [Signature]  
 CHIEF ENGINEER OF COUNTY  
 SANITATION DISTRICT NO. 3

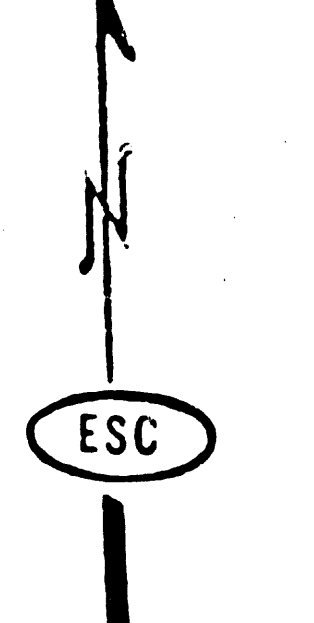
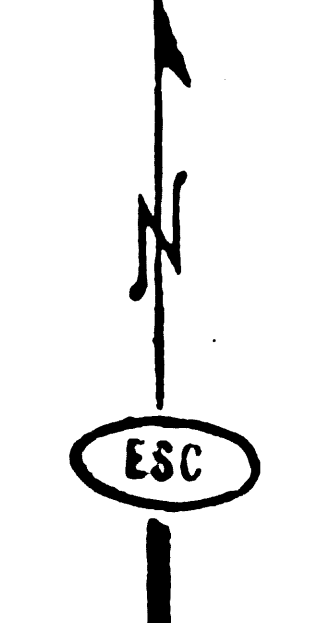
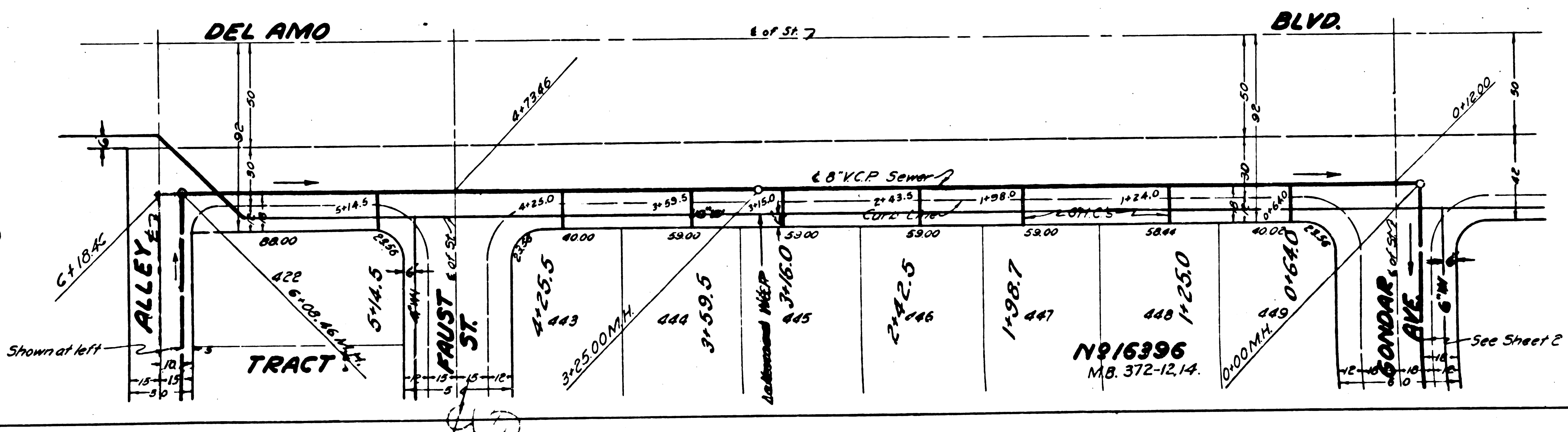
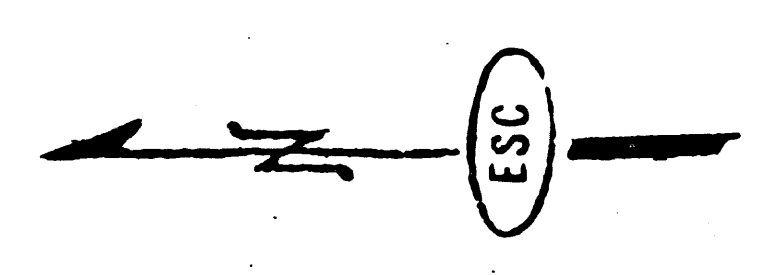
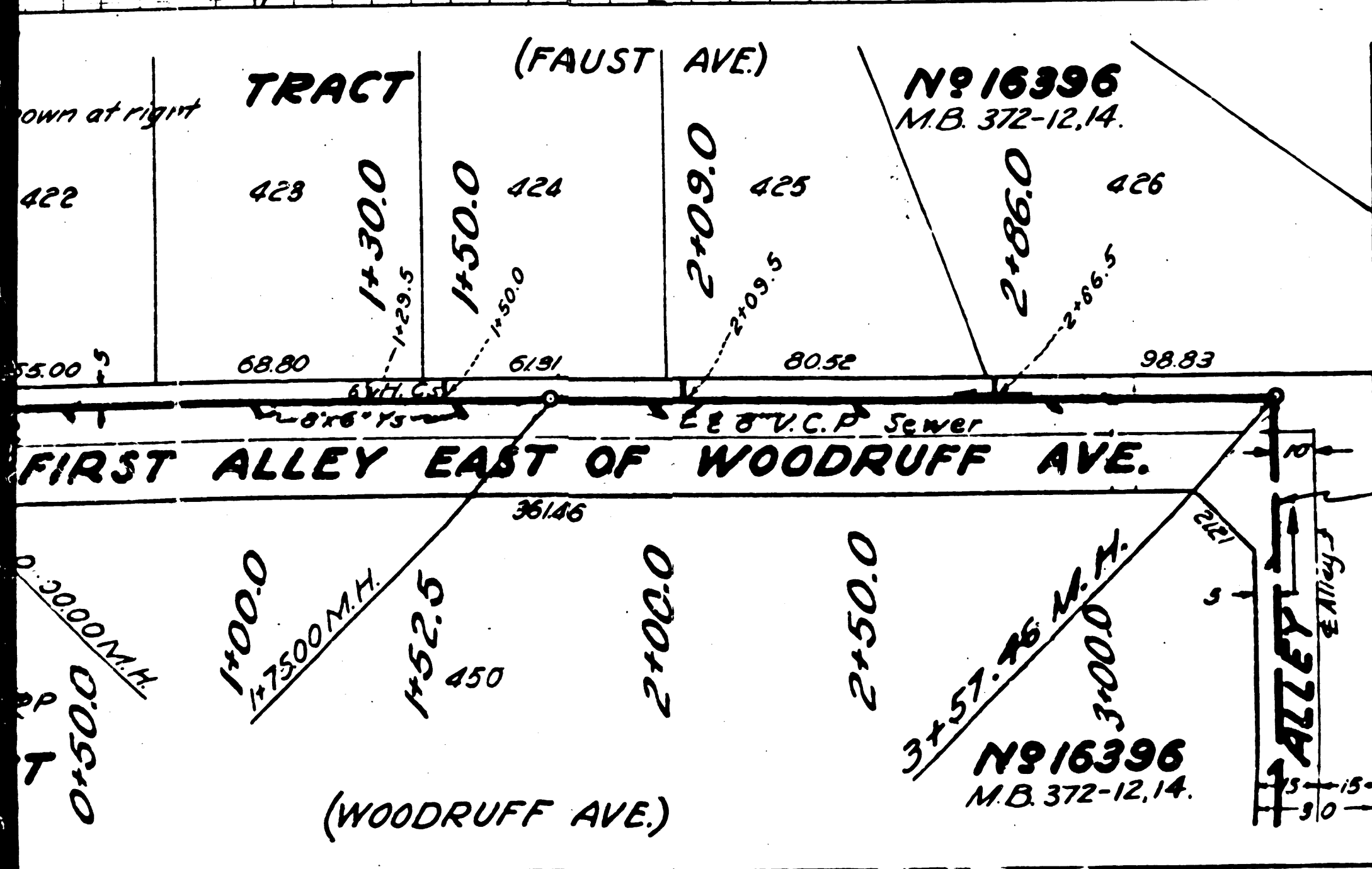
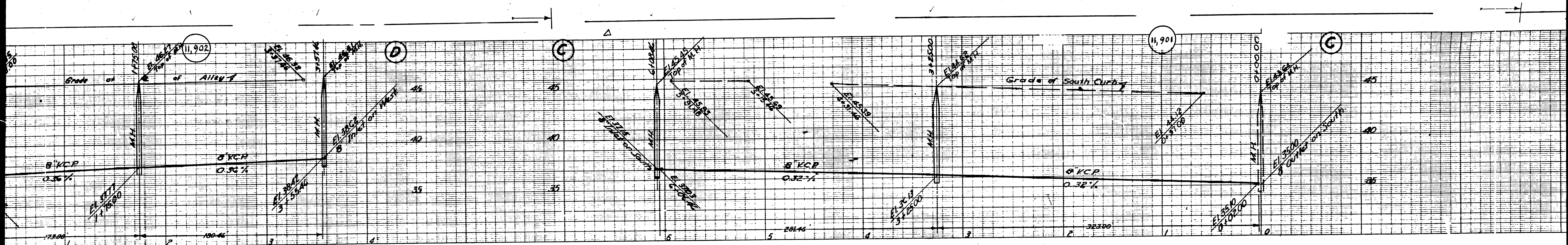
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 OFFICE OF COUNTY ENGINEER, REG. C. E. NO. 1582

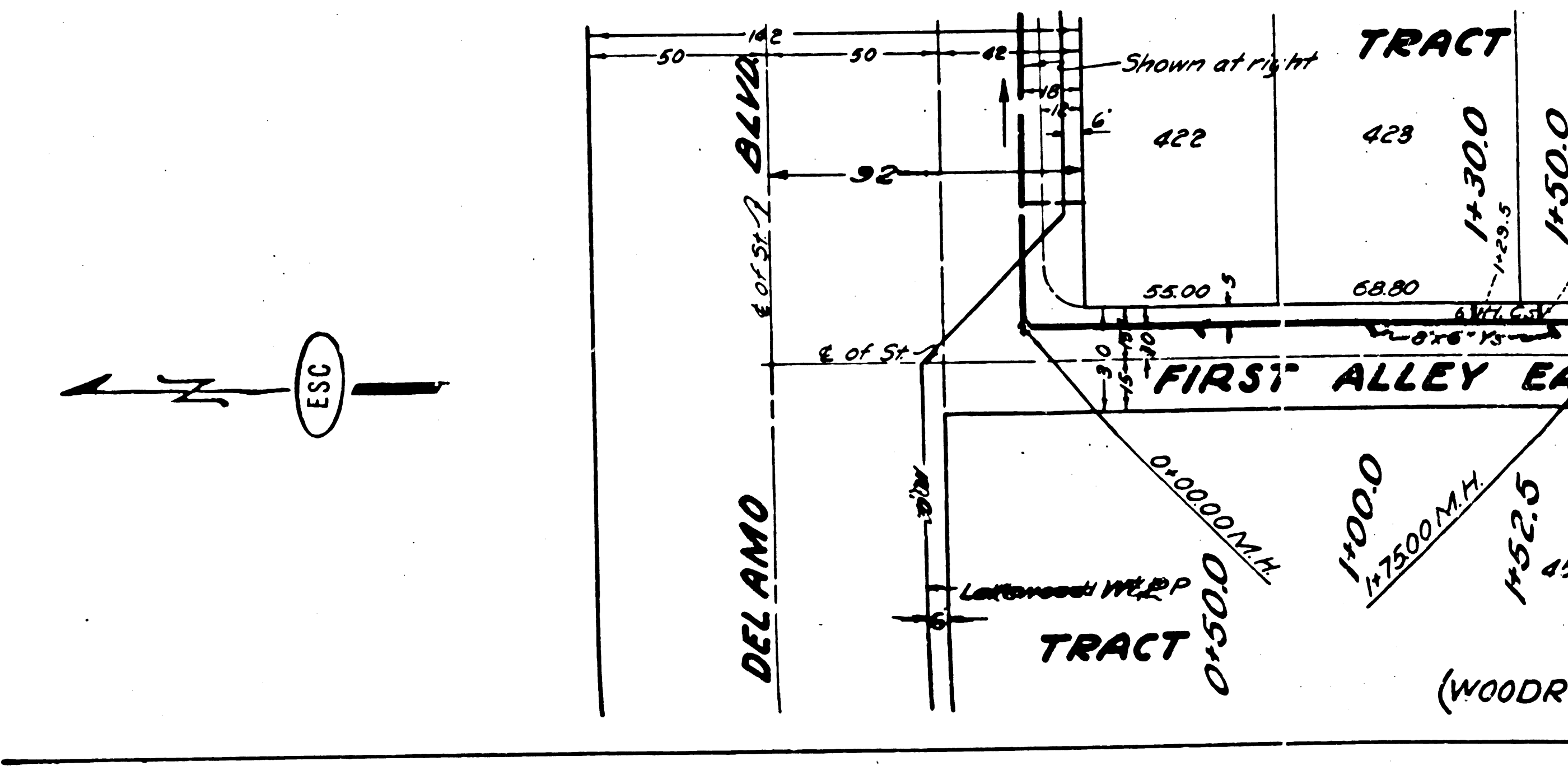
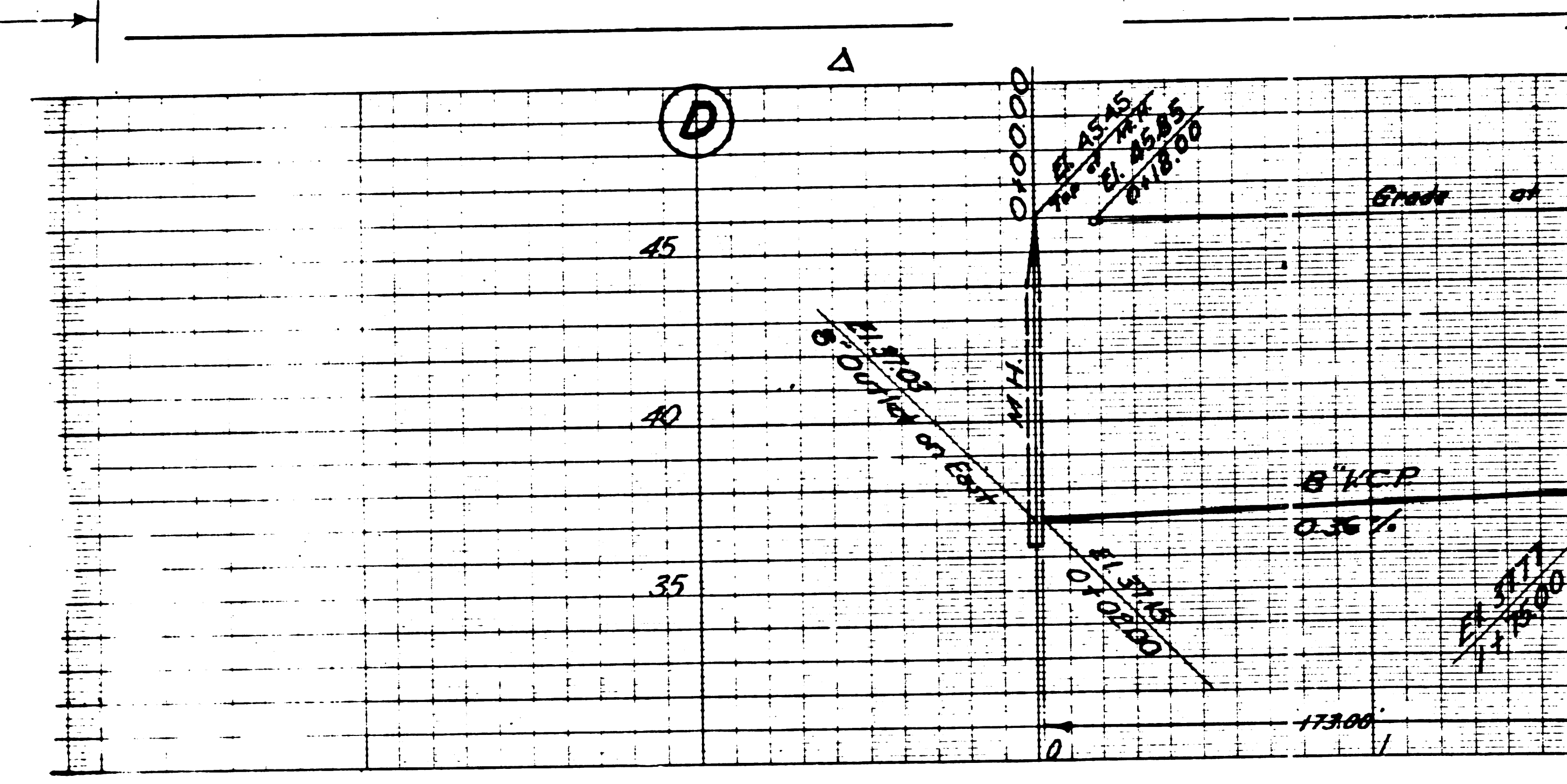
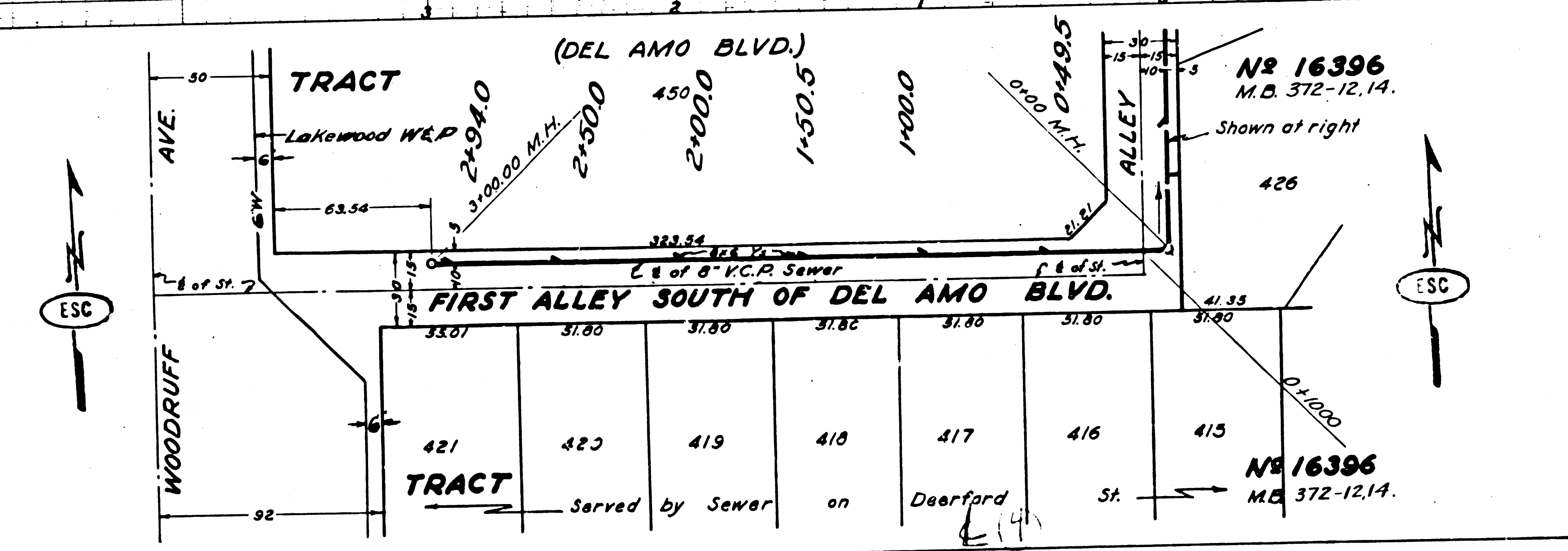
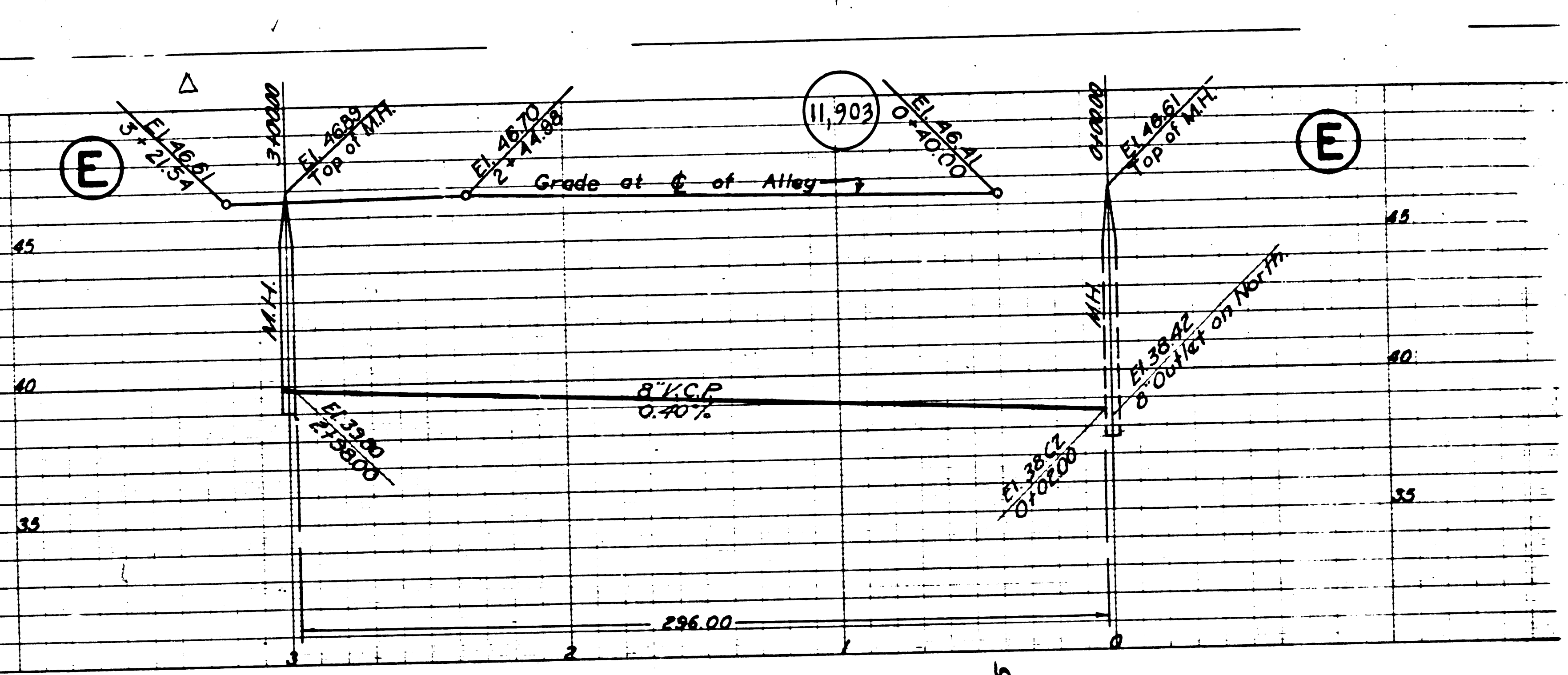


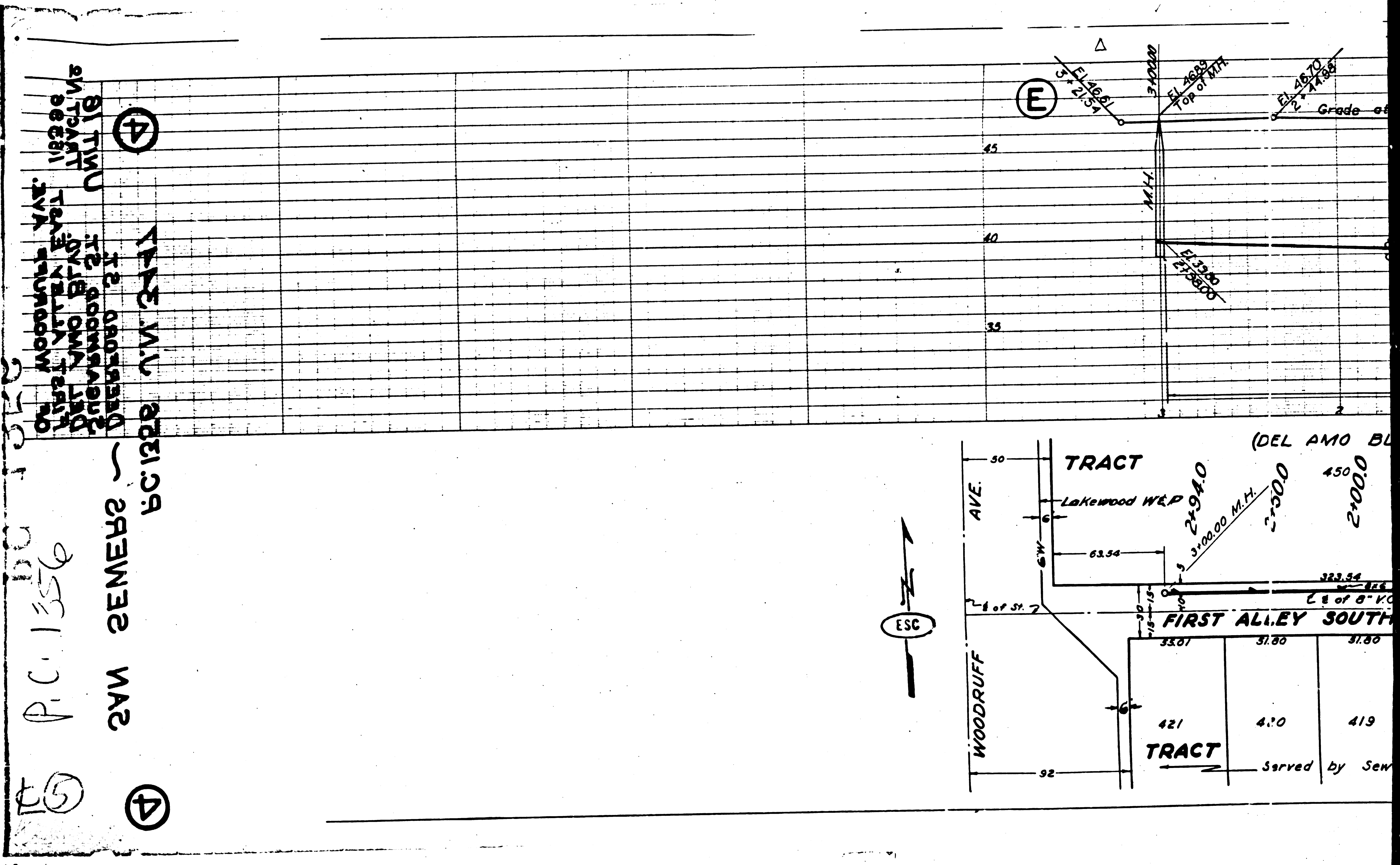
SAN SEWERS - DEERFORD ST  
 SHEET 4 OF 4  
 4











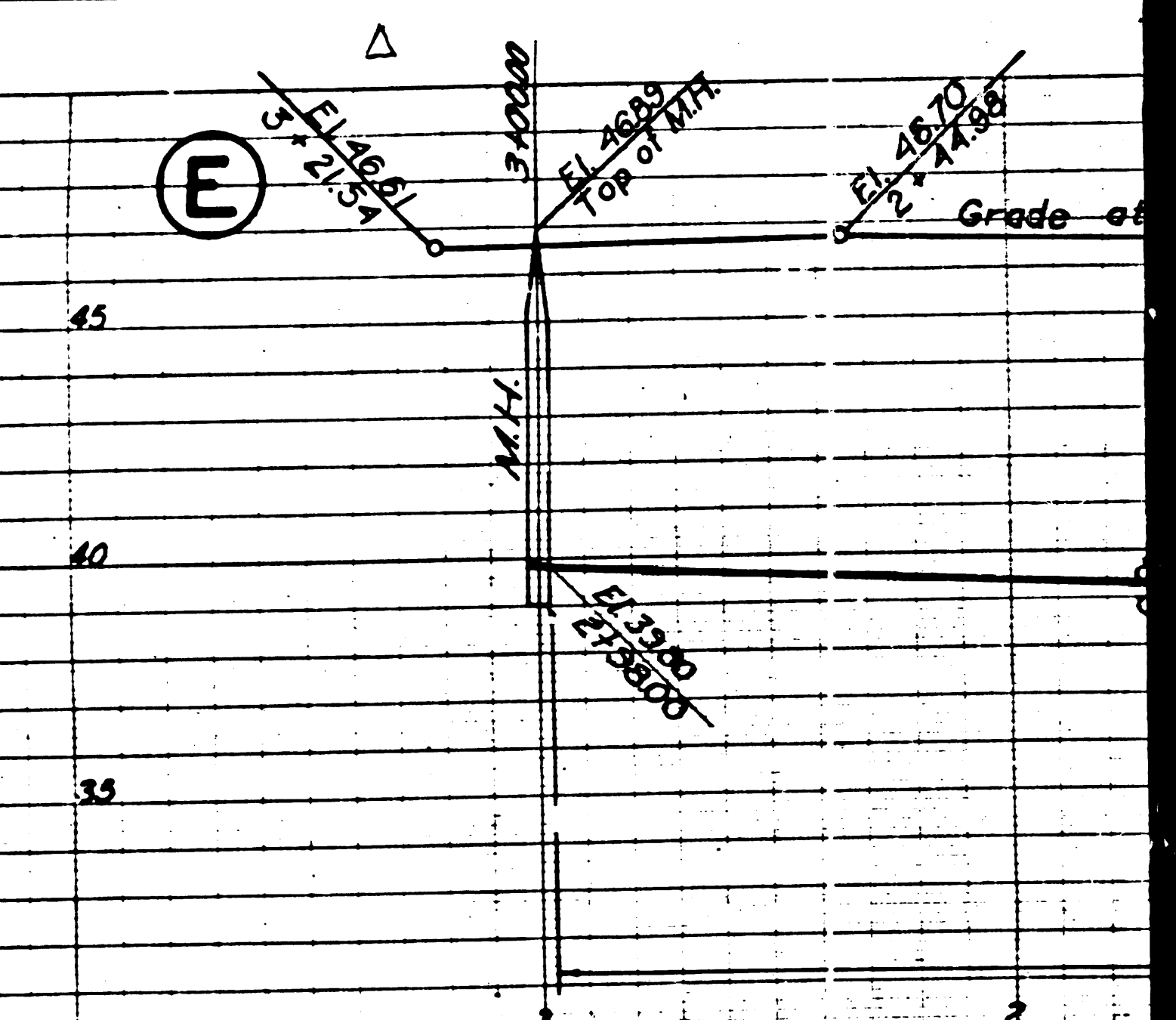
On Woodruff Ave.  
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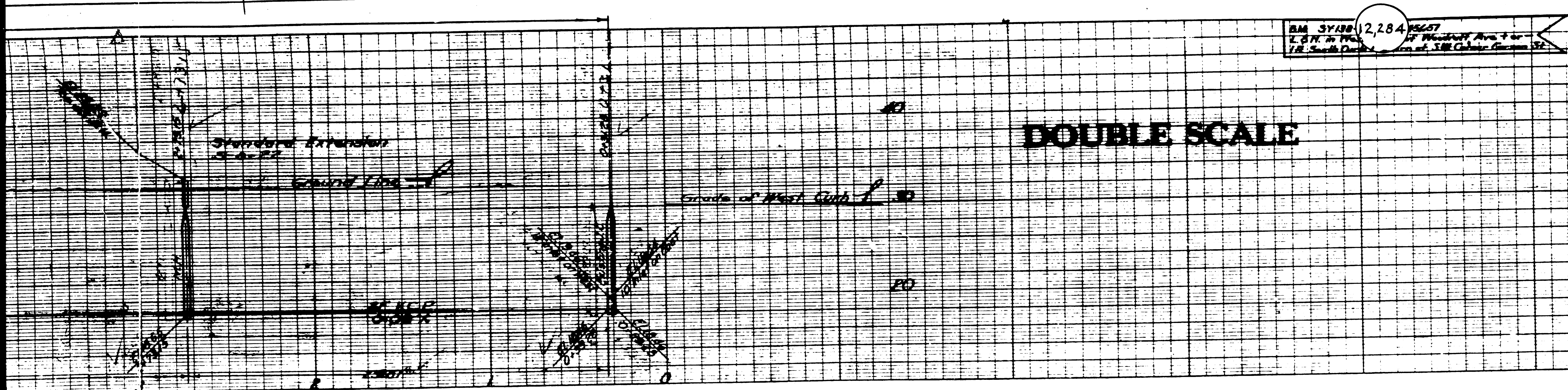
P.C. 1356  
 2M SEMER2  
 5C1222 1M 2447

(5)

(4)

(E)





RM 3158 (2,284) 19527  
 L. B. Collins, Inc. 118 South Broadway, Los Angeles, California

- NOTE: THE REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR DAY OUT ANY PORTION OF THE WORK.
- THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONS FOR ALL HOUSE CONNECTIONS AND TIE-BACKS AND SHALL PROVIDE STAKES FOR THEM AT THESE PROPER LOCATIONS WITH ELEVATIONS CLEARLY MARKED. ANY CHANGE OF LOCATION SHALL BE REQUESTED IN WRITING BY THE OWNER OR HIS REPRESENTATIVE.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT APPROVAL OF THE COUNTY ENGINEER.
1. USE STANDARD MANHOLE FRAMES AND COVERS 54-117.
  2. USE BEST PRACTICE STRENGTH PIPE.
  3. USE BEST MORTAR FOR ALL VITRIFIED CLAY JOINTS.
  4. RESURFACE ALL TRENCH WITHIN PAVED AREAS TO MEET ALL COUNTY REQUIREMENTS IN ACCORDANCE WITH THE PERMIT.
  5. REPAIR POLE SETS FOR LOWER AT POINTS OF INTERFERENCE WITH HOUSE CONNECTIONS.
  6. HOUSE CONNECTIONS TO BE CONSTRUCTED WITH INVERT AT PROPERTY LINE 15 FEET BELOW CURB GRADE.
  7. ALL STRUCTURES SHALL BE BUILT AS PER STRUCTURES & SIZES.
  8. PROFILES STAKES ON THE PROPERTY LINE OR PROPERTY LINE EXTENDED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
  9. RESURFACE CARSON STREET IN ACCORDANCE WITH STATE HIGHWAY PERMIT.
  10. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, 120 S. SPRING STREET AFTER MAKING A DEPOSIT WITH THE COUNTY ENGINEER.

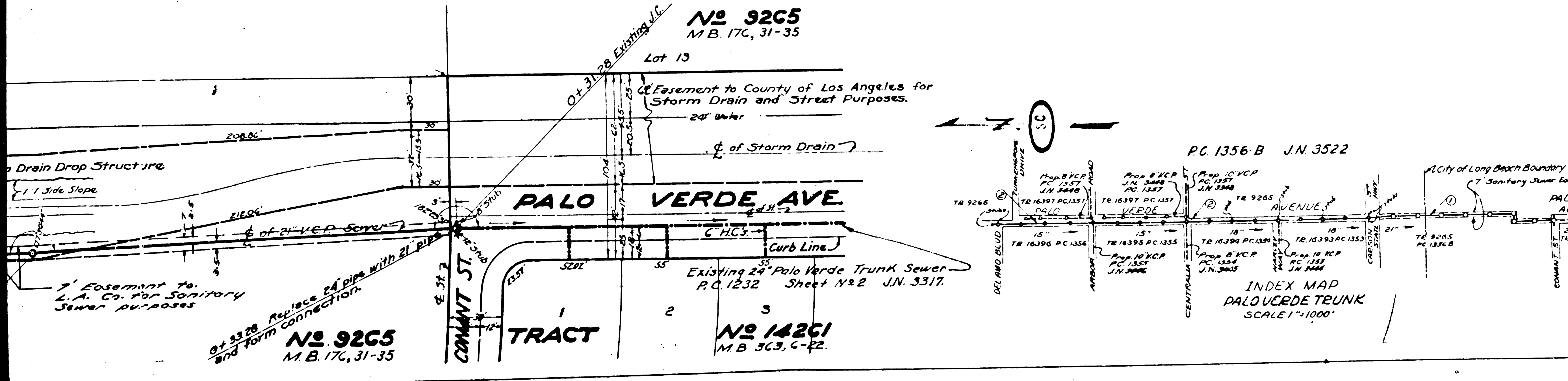
PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
**PALO VERDE AVE.**  
 BETWEEN CARSON ST. AND CONANT ST.

PRIVATE CONTRACT NO. 1356-B  
 W. S. 31  
 SHEET 1 OF 2 SHEETS

SCALE: VERT. 1" = 4'  
 HOR. 1" = 40'

MAY 1950

PREPARED IN THE OFFICES OF  
**ENGINEERING SERVICE CORPORATION**



ENGINEERING SERVICE CORPORATION  
 1127 W. WASHINGTON BLVD.  
 LOS ANGELES 15, CALIF. PR 7261

DESIGNED BY: J.L.C.  
 CHECKED BY: J.L.C.  
 SUBMITTED: M. Collins

W. O. NO.	DWG. NO.	DATE	SCALE	L. B.	P. B.
5577-10		MAY 3, 1950	1" = 40'		

NOTE: GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURB OR TOP OF SIDEWALK, OR CENTER LINE OF ALLEY ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN THE STATIONS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A 5 PERCENT GRADE. ALL GRADES SHALL BE DESIGNATED WITH "G". ELEVATIONS ARE IN FEET ABOVE U.S. MEAN SEA LEVEL.

THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS. WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS. THE COUNTY ENGINEER AND SHALL BE PROTECTED BY THE COUNTY ENGINEER. NO PART OF THIS DRAWING OR SPECIFICATIONS SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE COUNTY ENGINEER. THE COUNTY ENGINEER SHALL BE RESPONSIBLE FOR 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 DATA HEREON. THE COUNTY ENGINEER SHALL BE RESPONSIBLE FOR THE COST OF CONSTRUCTION, INSPECTION AND RECORD PLANS.

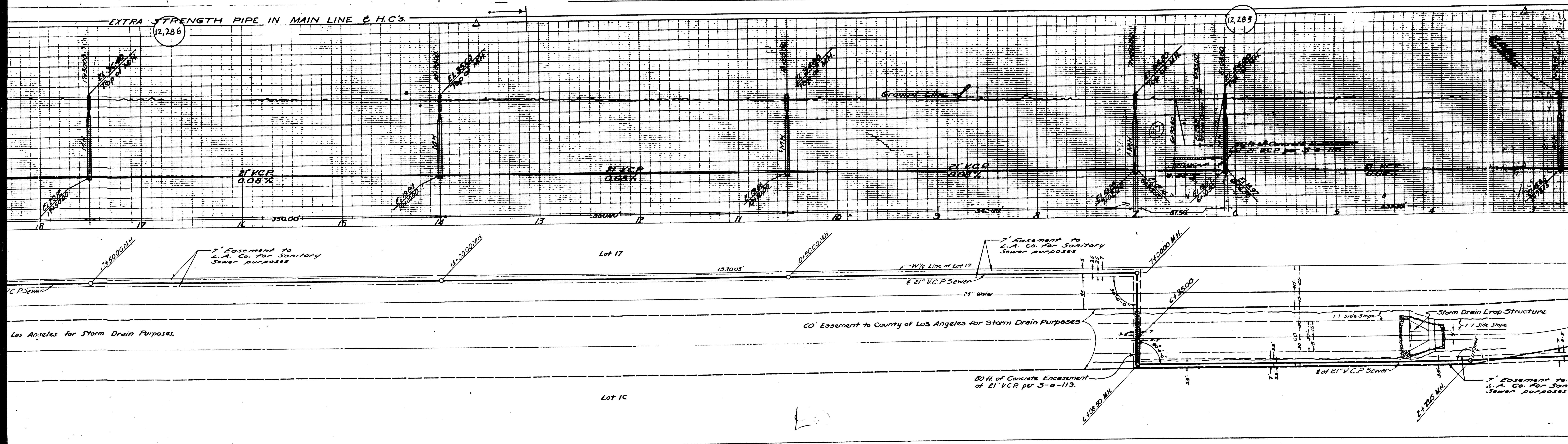
COUNTY OF LOS ANGELES, CALIFORNIA

APPROVED: *Edmond*  
 COUNTY ENGINEER

APPROVED BY: *J.L.C.*  
 OFFICE ENGINEER  
 COUNTY ENGINEER OF COUNTY  
 SANITATION DISTRICT NO. 8

CHECKED: *J. Collins*  
 OFFICE OF COUNTY ENGINEER, S.E.C.

PC 1356-B JN 3522



EXTRA STRENGTH PIPE IN MAIN LINE & H.C.'s

12,286

12,285

21" V.C.P.  
0.08%

21" V.C.P.  
0.08%

21" V.C.P.  
0.08%

21" V.C.P.  
0.08%

7' Easement to  
L.A. Co. for Sanitary  
Sewer purposes

7' Easement to  
L.A. Co. for Sanitary  
Sewer purposes

Lot 17

W/4 Line of Lot 17

7' Easement to  
L.A. Co. for Sanitary  
Sewer purposes

Los Angeles for Storm Drain Purposes.

60' Easement to County of Los Angeles for Storm Drain Purposes

1:1 Side Slope

Storm Drain Drop Structure

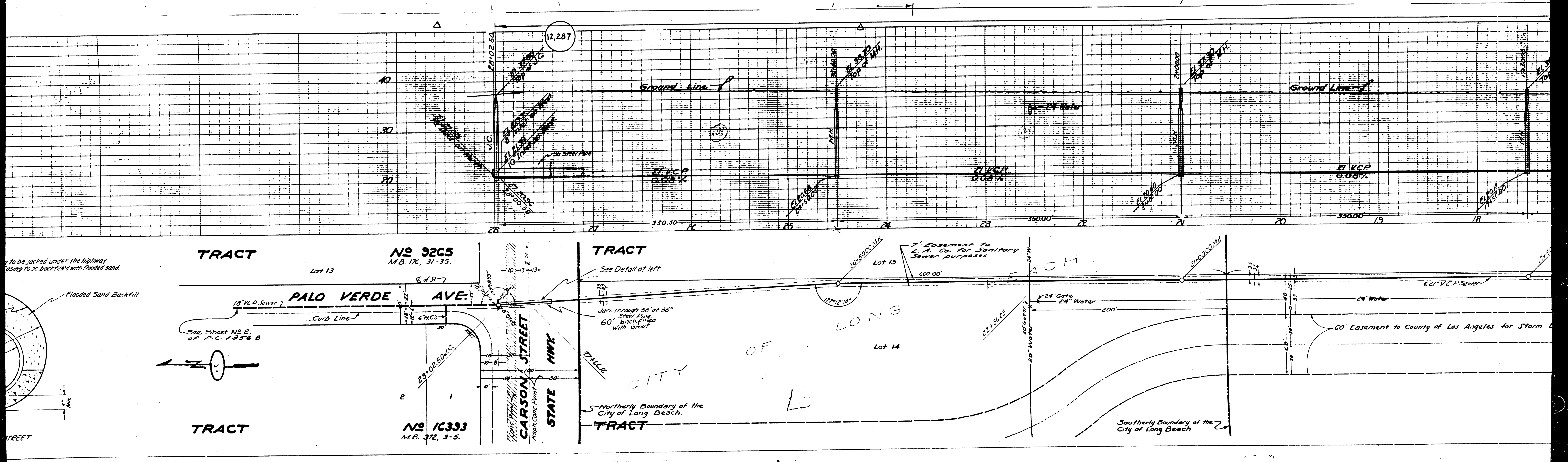
1:1 Side Slope

Lot 1C

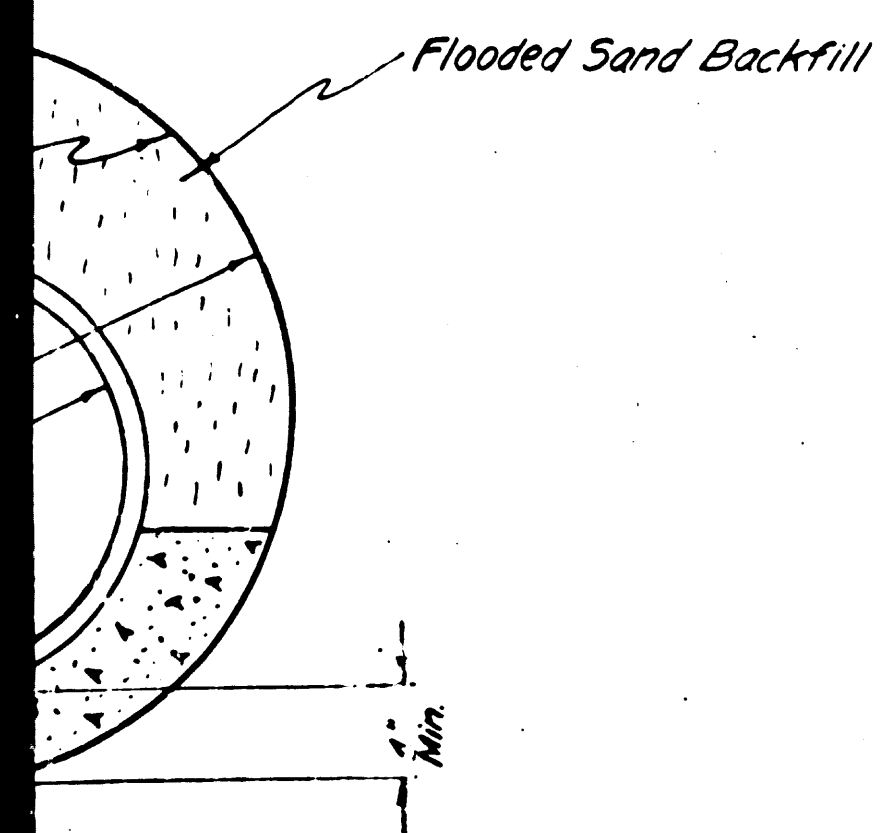
60" H of Concrete Encasement  
of 21" V.C.P. per S-a-113.

7' Easement to  
L.A. Co. for Sanitary  
Sewer purposes

8" 21" V.C.P. Sewer



to be jacked under the highway  
using to be backfilled with flooded sand



**TRACT No 9265**  
M.B. 176, 31-35.  
Lot 13

**PALO VERDE AVE.**  
Curb Line

See Sheet No 2.  
of P.C. 1356 B

**TRACT No 16333**  
M.B. 372, 3-5.

**CARSON STREET**  
HWY STATE

**TRACT**  
See Detail at left  
Lot 15

Jack through 56" of 36"  
Street Pipe  
60' backfilled  
with grout

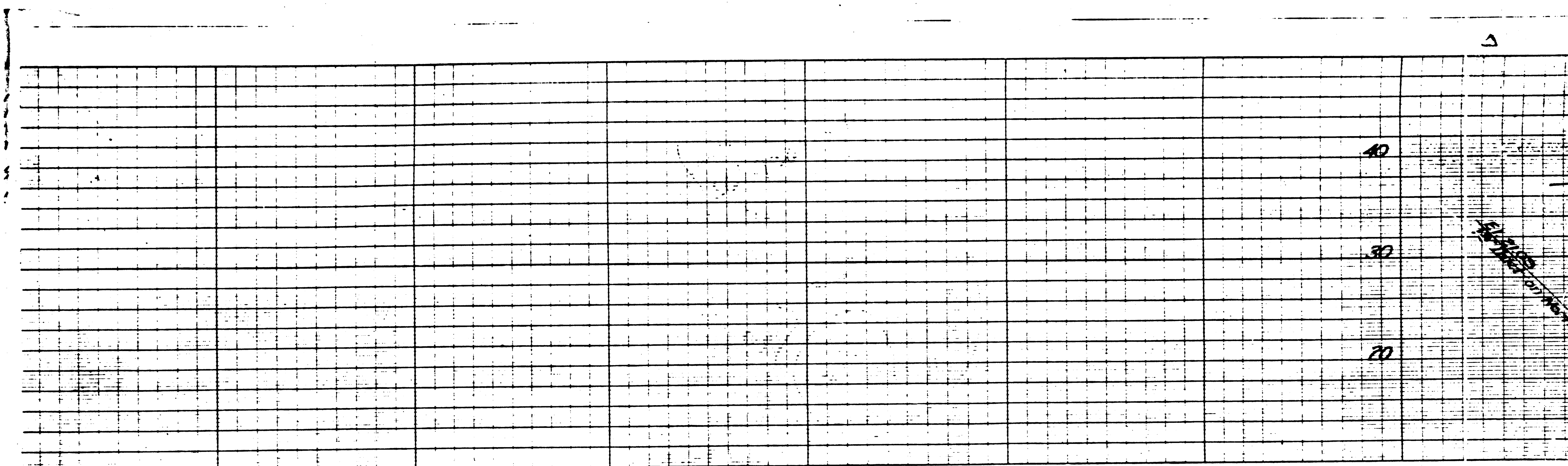
Northerly Boundary of the  
City of Long Beach.

**TRACT**

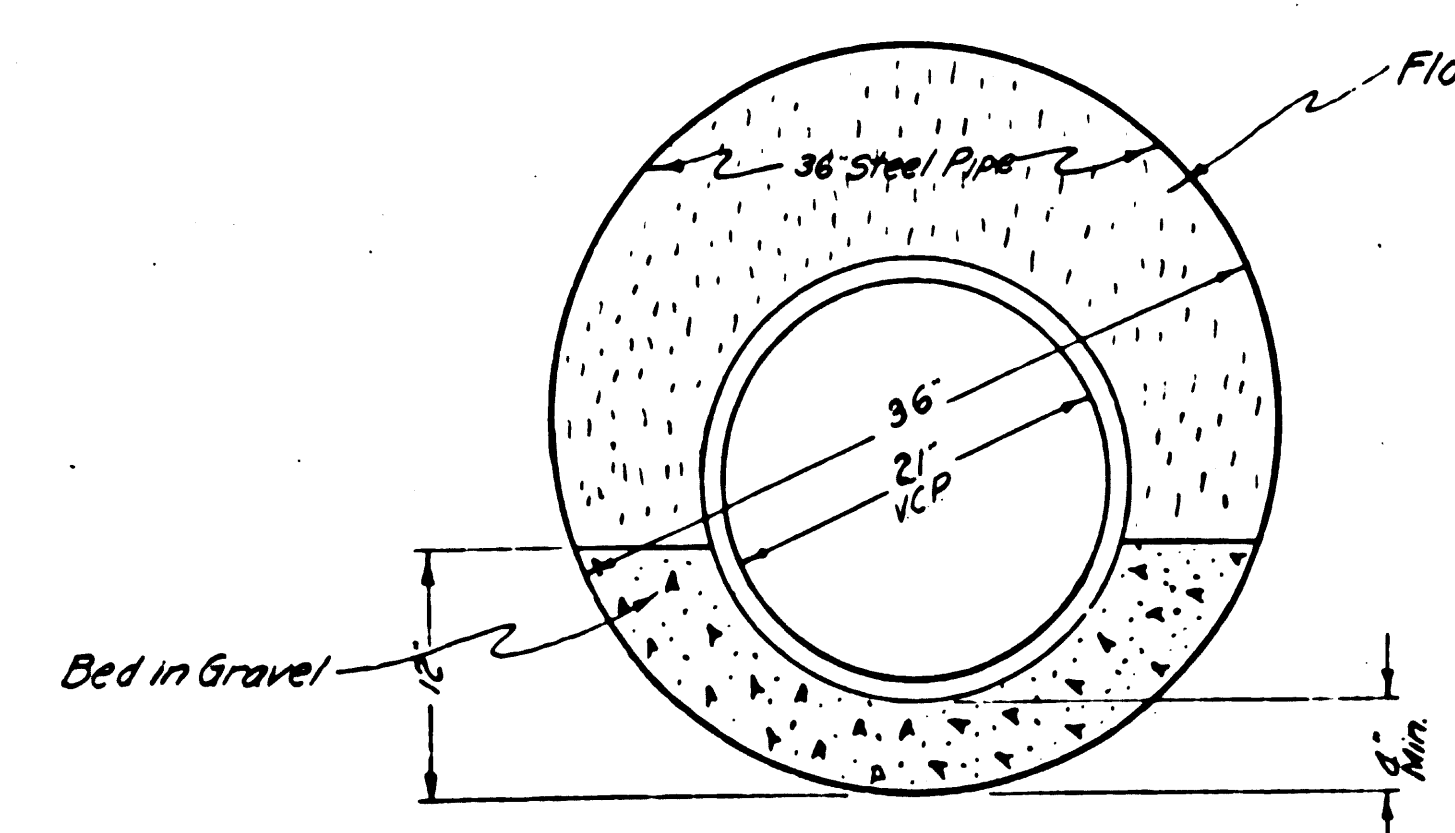
**CITY OF LONG BEACH**  
Lot 14

Southerly Boundary of the  
City of Long Beach

60' Easement to County of Los Angeles for Storm



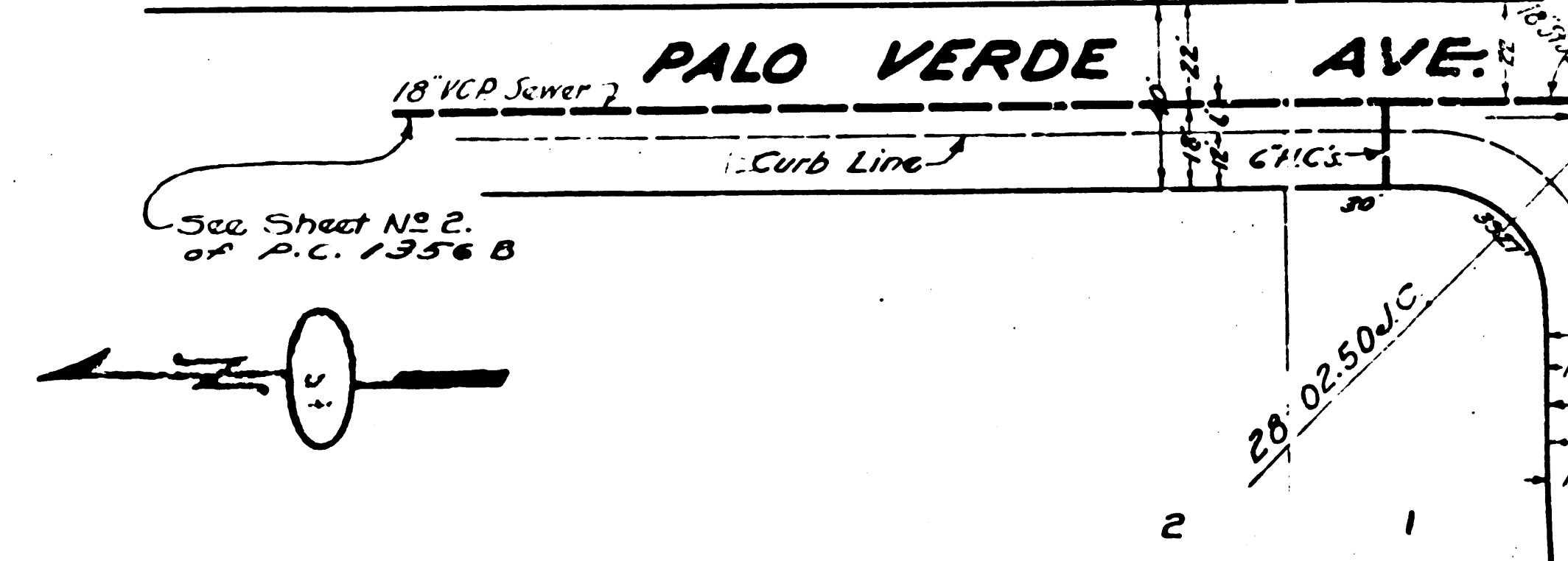
Note: Pipe to be installed within a casing to be jacked under the highway to within 10' of the outer edge of pavement. Casing to be backfilled with flooded sand.



DETAIL OF PIPE UNDER CARSON STREET

TRACT NO 9265  
M.B. 17C, 31-35

Lot 13



TRACT NO 16393  
M.B. 372, 3-5

1510

B.M. 3418B-36 EL. 48.57  
 2.5' N. in West Curb of Woodrup Ave. 7' or  
 1.8' South Curb. Return of S.W. Corner Carson St.

PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN

(2)

(S)

**DOUBLE SCALE**

**PALO VERDE AVE.**

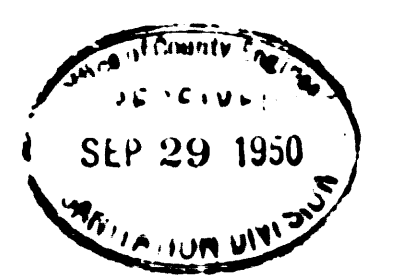
BETWEEN CARSON ST. AND DEL AMO. BLVD.

PRIVATE CONTRACT NO. 1356-B  
 W.S. 31  
 SHEET 2 OF 2 SHEETS

VERT. 1" = 4'  
 SCALE - HOR. 1" = 40'  
 JULY 1950  
 PREPARED IN THE OFFICES OF  
 ENGINEERING SERVICE CORPORATION

BY E.F. Hoernig  
 110 C.E. NO. 101

FOR LEGEND  
 SEE PLAN NO. S-44  
 FOR CONSTRUCTION NOTES SEE SHEET 1



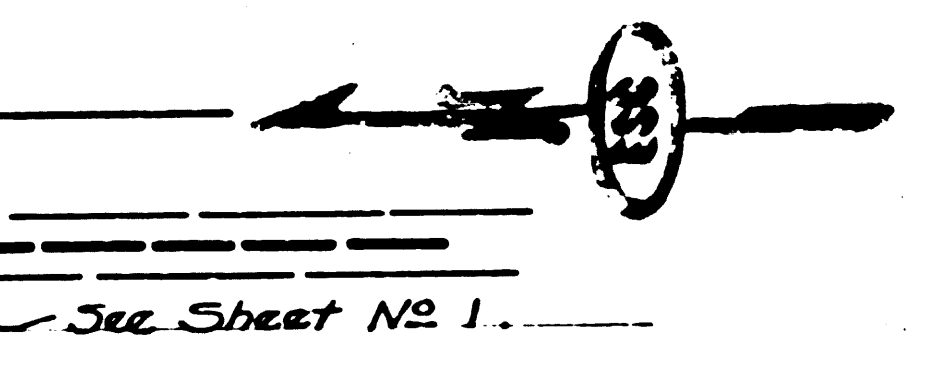
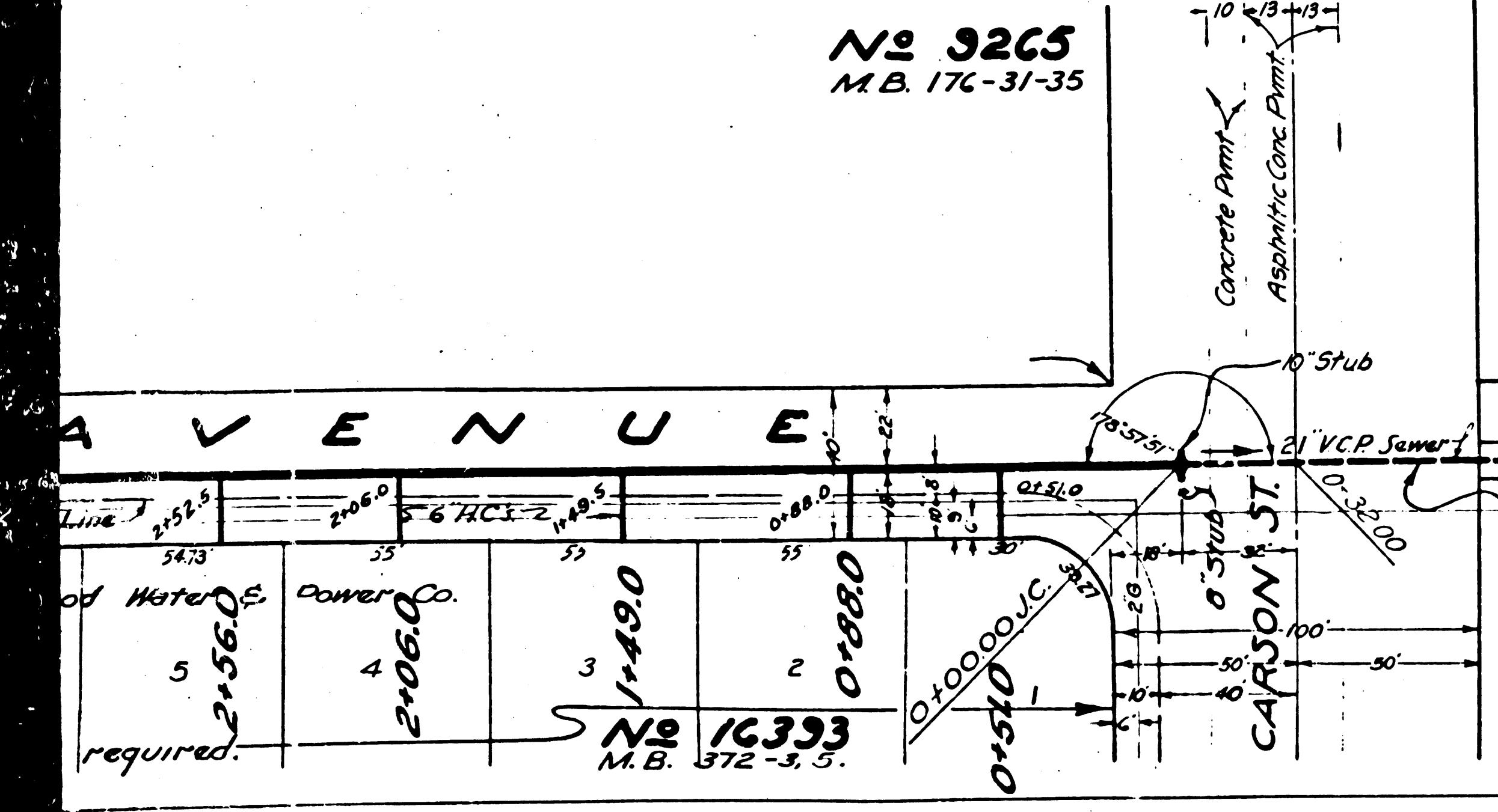
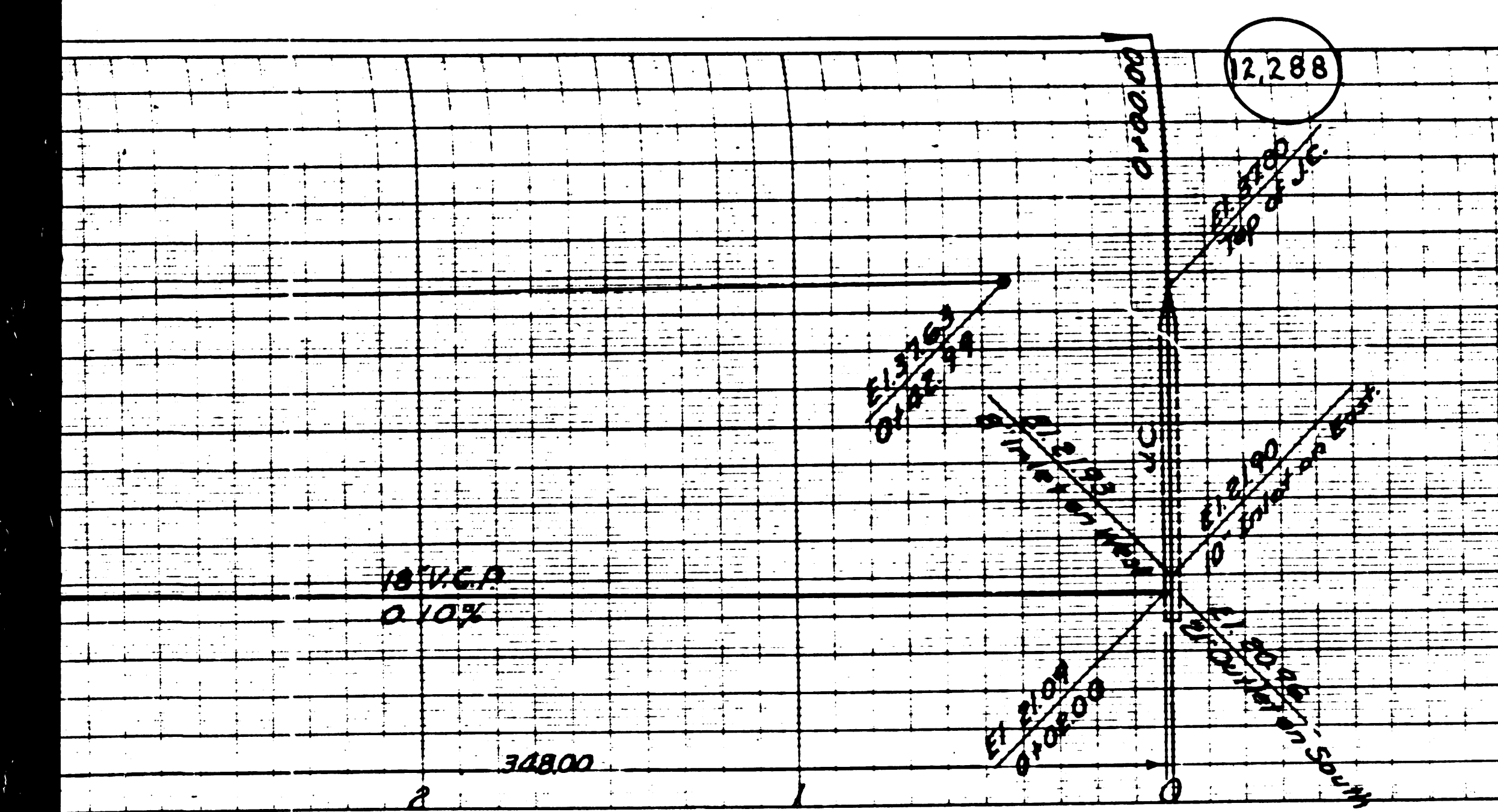
COUNTY OF LOS ANGELES, CALIFORNIA  
 APPROVED E. F. Hoernig  
 COUNTY ENGINEER  
 APPROVED Allen Lacey  
 CHIEF ENGINEER OF COUNTY  
 SANITATION DISTRICT NO. 3  
 CHECKED His Service 9-13-50  
 OFFICE OF COUNTY ENGINEER 410 C.E. NO. 5412

REVISIONS  
 PALO VERDE AVE.

CIV. 3255

(S)

ENGINEERING SERVICE CORPORATION					
1127 W WASHINGTON BLVD.			PR. 7281		
LOS ANGELES 15 CALIF.					
REVISIONS					
		TRACED BY <u>W.H.</u>			
		DESIG. BY <u>L.K.</u>			
		CK'D BY <u>W.H.</u>			
		SUBMITTED <u>W.H.</u>			
SUB STRUCTURES CK'D					
W.O. NO.	DWG. NO.	DATE	SCALE	L.S.	F.B.
5977-19		JULY 26, 1950	VERT. 1" = 4' HOR. 1" = 40'	L. 24	



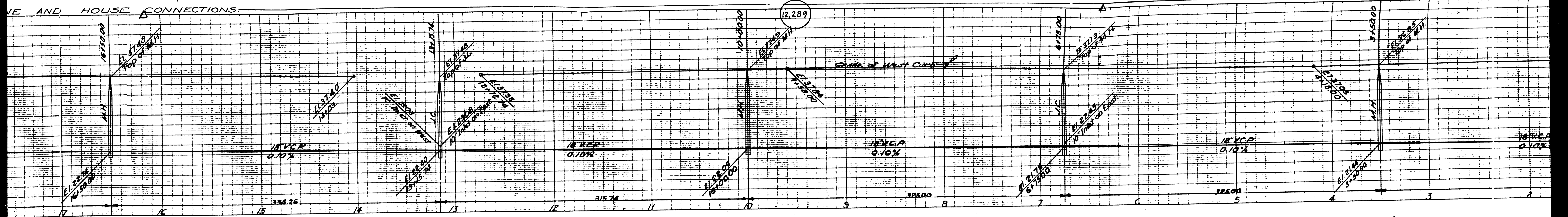
LD

*Handwritten notes:* 2-8-50 Hoernig

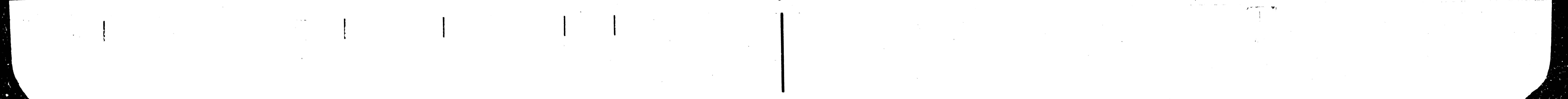
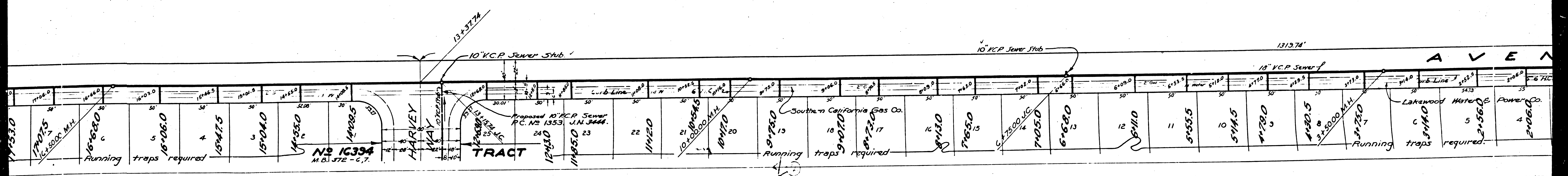
*Handwritten initials:* J.K.

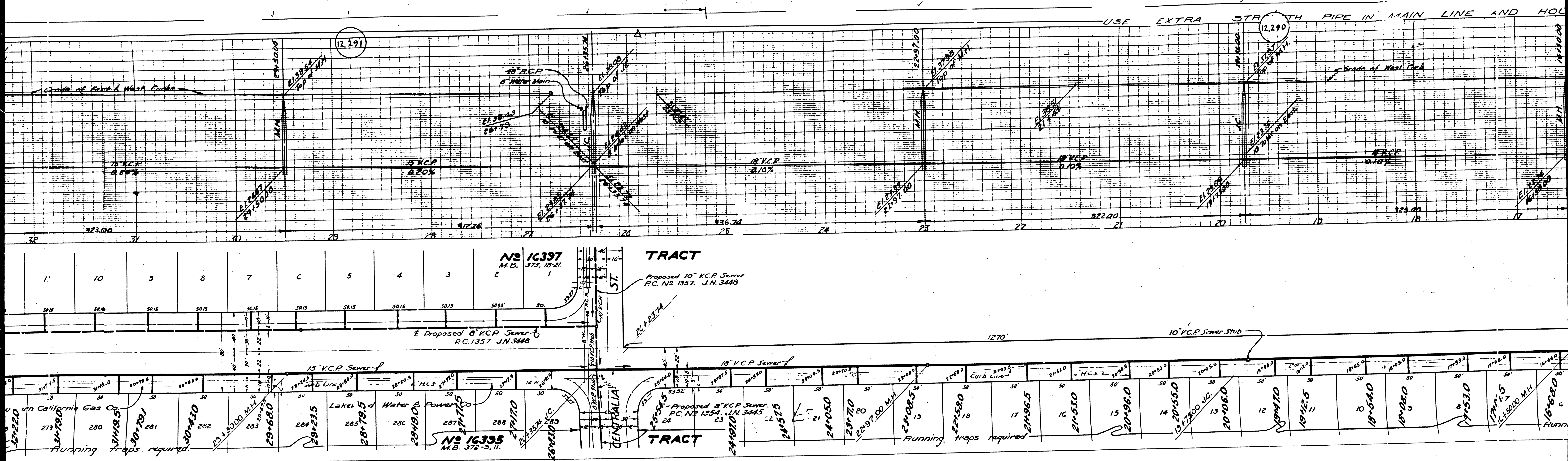


VE AND HOUSE CONNECTIONS.



LOT 13





12,291

12,290

**TRACT**  
 Proposed 10" KCP Sewer  
 P.C. NO. 1357 J.N. 3448

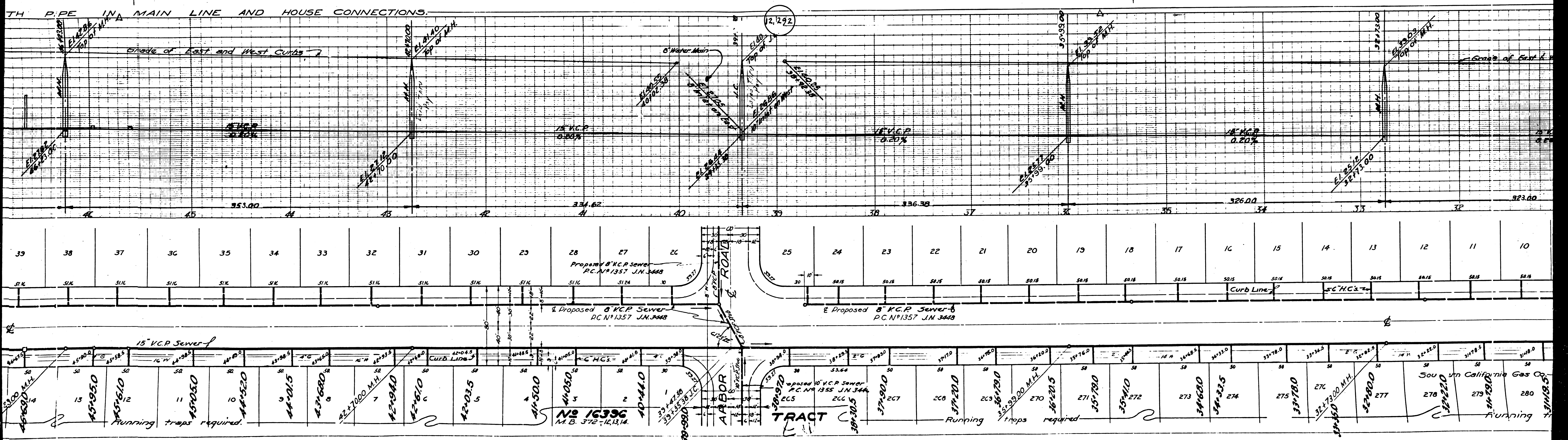
**TRACT**  
 Proposed 8" KCP Sewer  
 P.C. NO. 1354 J.N. 3445

u in California Gas Co.  
 Running traps required.

Running traps required

Run

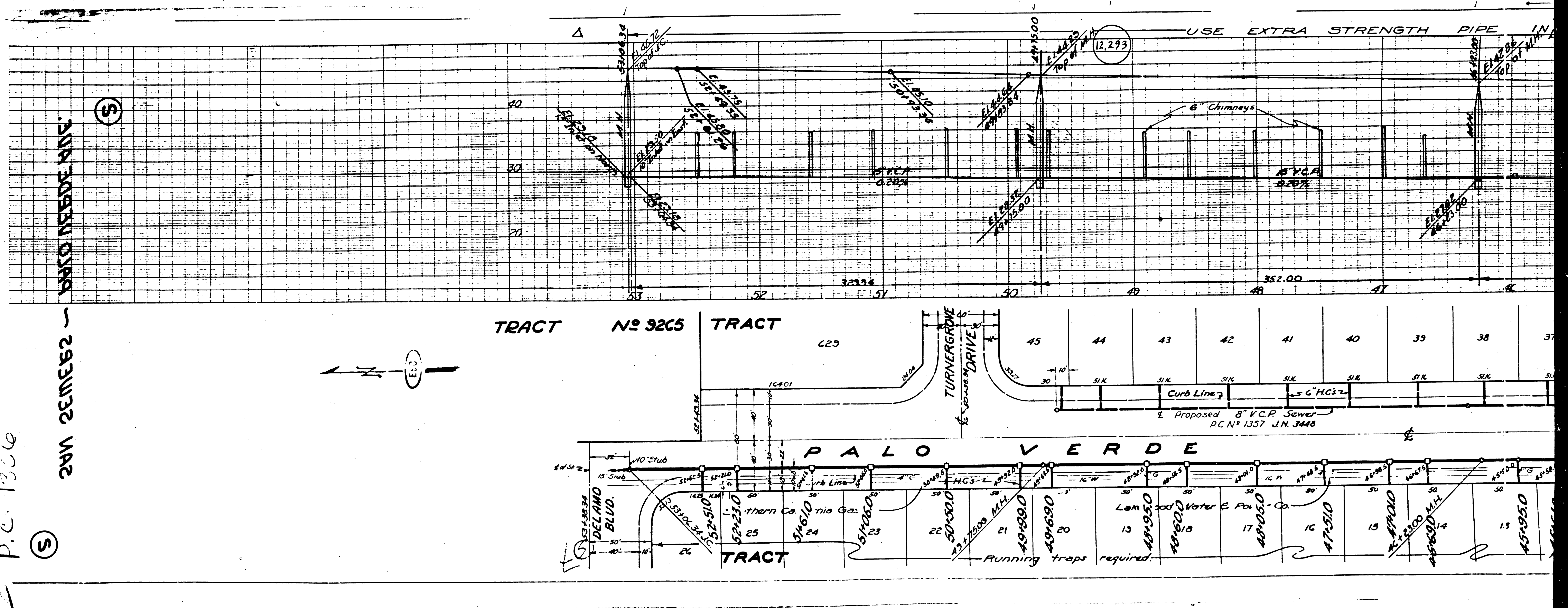
TH PIPE IN MAIN LINE AND HOUSE CONNECTIONS.



39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
Proposed 8" V.C.P. Sewer P.C. No 1357 J.N. 3448										Proposed 8" V.C.P. Sewer P.C. No 1357 J.N. 3448																			
15" V.C.P. Sewer										15" V.C.P. Sewer																			
Running traps required										Running traps required																			

P.C. 1300

293W32 W&E PALO VERDE DRIVE



TRACT No 3265 TRACT

PALO VERDE

TRACT

Proposed 8" V.C.P. Sewer  
P.C.N. 1357 J.N. 3448

Running traps required.

USE EXTRA STRENGTH PIPE IN

6" Chimneys

Curb Lines

5" C.H.G. 2"

12,273

LEN 15.00

EL. 12.50

EL. 12.50

EL. 12.50

EL. 12.50

EL. 12.50

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