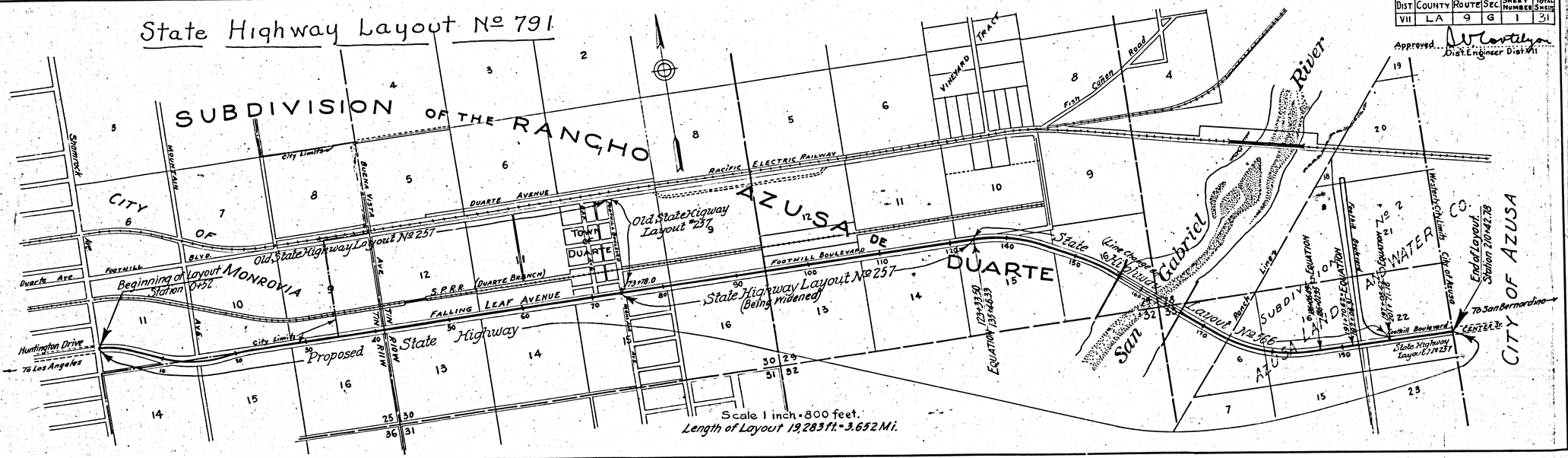
DIST.	COUNTY	ROUTE	SEC.	SHEET NUMBER	TOTAL SHEETS
VII	LA	9	G	1	31

Approved D. W. Cantelyon
Dist. Engineer Dist. VII

State Highway Layout No 791



F.M. 10205-1

A1 OF A6

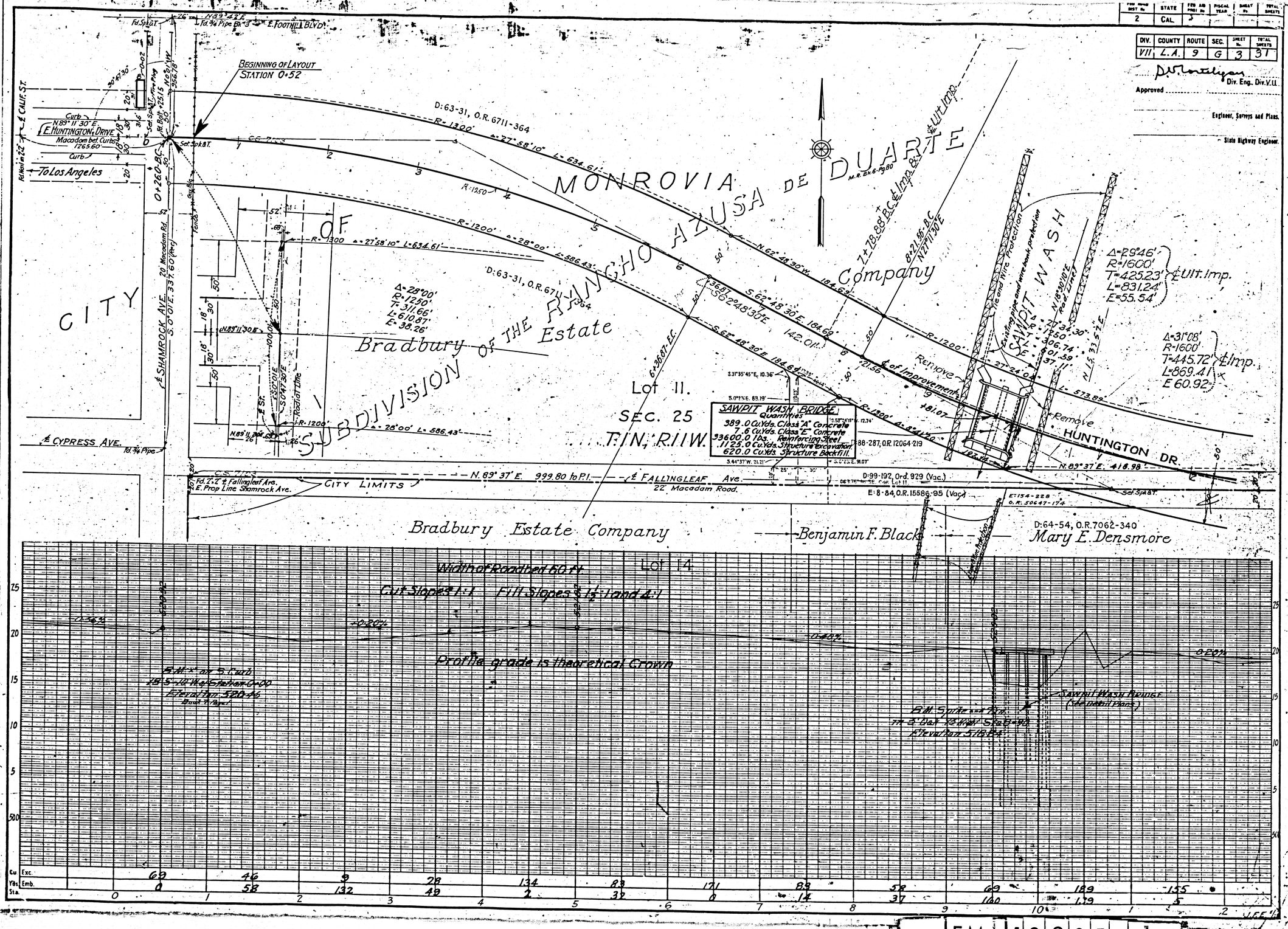
FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
2	CAL.				

DIV.	COUNTY	ROUTE	SEC.	SHEET No.	TOTAL SHEETS
VII	L.A.	9	G	3	31

Approved _____ Div. Eng. Div. V.U.

Engineer, Surveys and Plans.

State Highway Engineer.



F.M. 10205-1

A2 OF A6

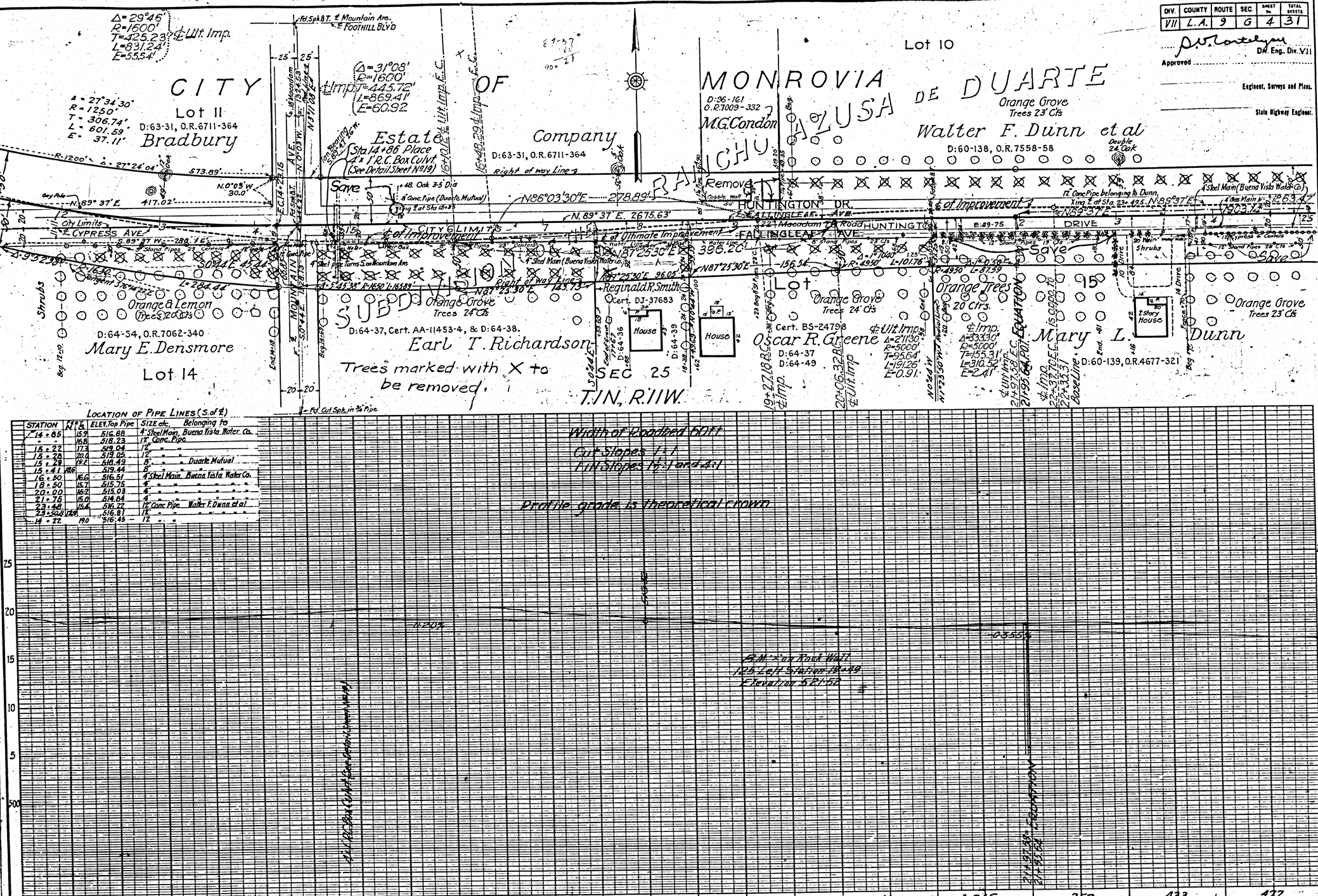
FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	TOTAL PROJECT YR	SHEET No.	TOTAL SHEETS
2	CAL.				

DIV.	COUNTY	ROUTE	SEC.	SHEET No.	TOTAL SHEETS
VII	L.A.	9	G	4	31

Approved D.W. Lovelyn
DN. Eng., Div. VII

Engineer, Surveys and Plans.

State Highway Engineer.



LOCATION OF PIPE LINES (S. of ℄)

STATION	FEET N	FEET S	ELEV. Top Pipe	SIZE etc.	Belonging to
14+85		15.9	516.88	4" Steel Main	Buena Vista Water Co.
" "		16.8	518.23	12" Conc. Pipe	
15+22		17.3	519.04	12" " "	
15+28		20.0	519.05	12" " "	
15+29		19.2	518.49	8" " "	Duarte Mutual
15+41	18.6		519.44	8" " "	
16+50		16.6	516.51	4" Steel Main	Buena Vista Water Co.
18+50		15.7	515.75	4" " "	
20+00		16.2	515.03	4" " "	
21+75		15.0	514.64	4" " "	
23+48		15.4	516.22	12" Conc. Pipe	Walter F. Dunn et al
23+50.8	12.9		516.81	12" " "	
14+22		19.0	516.45	12" " "	

F.M. 10205-1

A3 OF A6

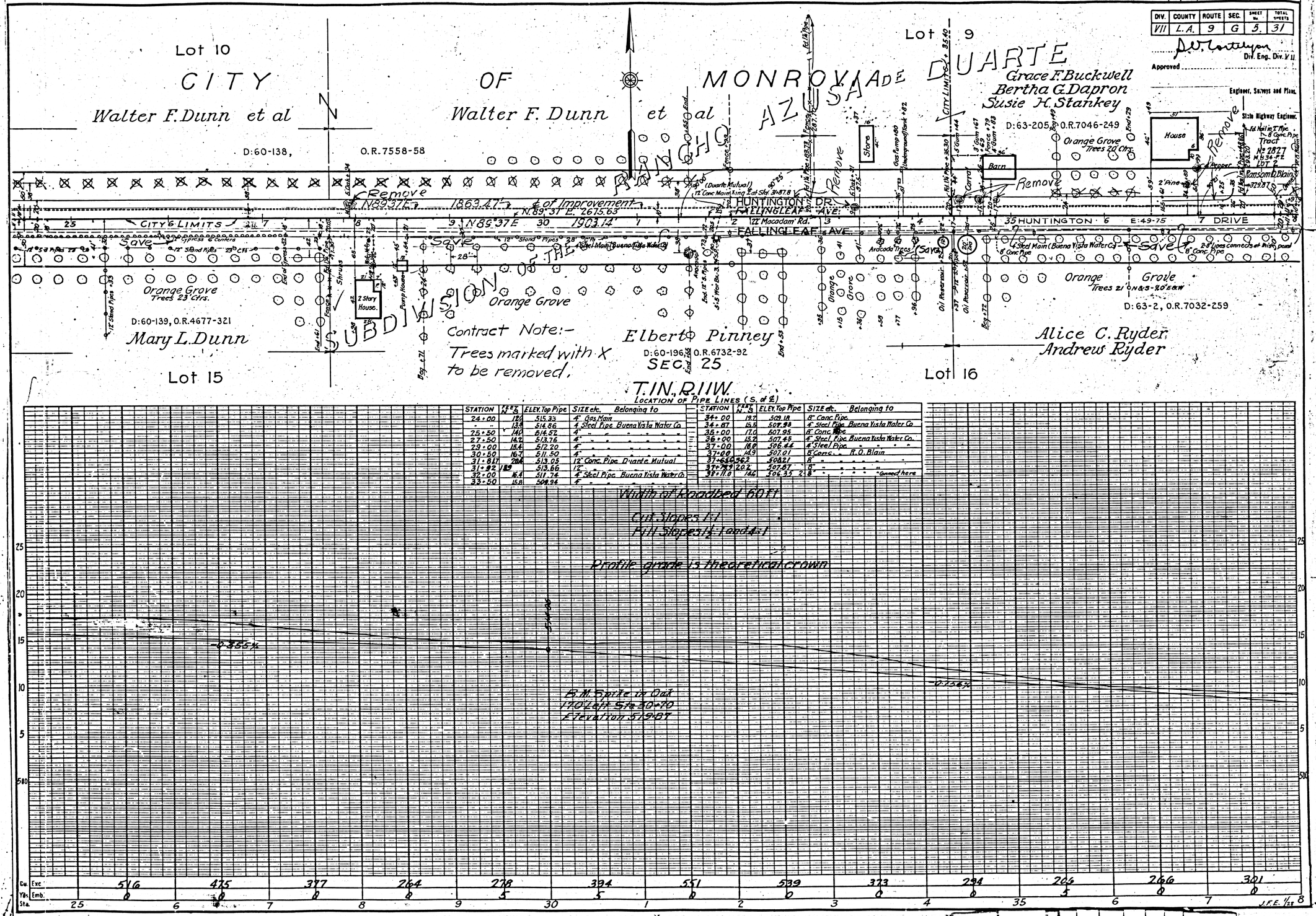
FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
2	CAL.				

DIV.	COUNTY	ROUTE	SEC.	SHEET No.	TOTAL SHEETS
VII	L.A.	9	G	5.	31

Approved ..... Div. Eng. Div. VII

Engineer, Surveys and Plans.

State Highway Engineer.



LOCATION OF PIPE LINES (S. of ℄)

STATION	FEET N. or S.	ELEV. Top Pipe	SIZE etc.	Belonging to
24+00	12.0	515.33	4" Gas Main	
- "	13.8	514.86	4" Steel Pipe	Buena Vista Water Co
25+50	14.0	514.57	4" - - - - - -	
27+50	14.2	513.76	4" - - - - - -	
29+00	15.4	512.20	4" - - - - - -	
30+50	16.7	511.50	4" - - - - - -	
31+817	20.4	513.05	12" Conc. Pipe	Duarte Mutual
31+92	18.9	513.66	12" - - - - - -	
32+00	16.4	511.74	4" Steel Pipe	Buena Vista Water Co.
33+50	15.8	509.94	4" - - - - - -	

STATION	FEET N. or S.	ELEV. Top Pipe	SIZE etc.	Belonging to
34+00	19.7	509.18	8" Conc. Pipe	
34+67	16.5	507.98	4" Steel Pipe	Buena Vista Water Co
35+00	17.0	507.95	8" Conc. Pipe	
36+00	13.2	507.45	4" Steel Pipe	Buena Vista Water Co.
37+00	18.0	506.44	4" Steel Pipe	- - - -
37+00	14.9	507.01	8" Conc.	R.O. Blain
37+65.562		508.21	8" - - - - - -	
37+79.9	20.2	507.87	8" - - - - - -	
38+11.0	14.6	506.35	2.8" - - - - -	Connect here

Width of roadbed 60 ft.

Cut Slopes 1:1

Fill Slopes 1½:1 and 4:1

Profile grade is theoretical crown

-0.355%

-0.156%

B.M. Spike in Oak 170' Left Sta. 30+70 Elevation 519.07

Sta.	25	6	7	8	9	30	1	2	3	4	35	6	7	8
Cu. Yds. Exc.	516	475	377	264	278	394	551	539	373	294	204	266	301	
Cu. Yds. Emb.	0	0	0	0	5	5	0	0	0	0	5	0	0	

J.F.E. 1/25

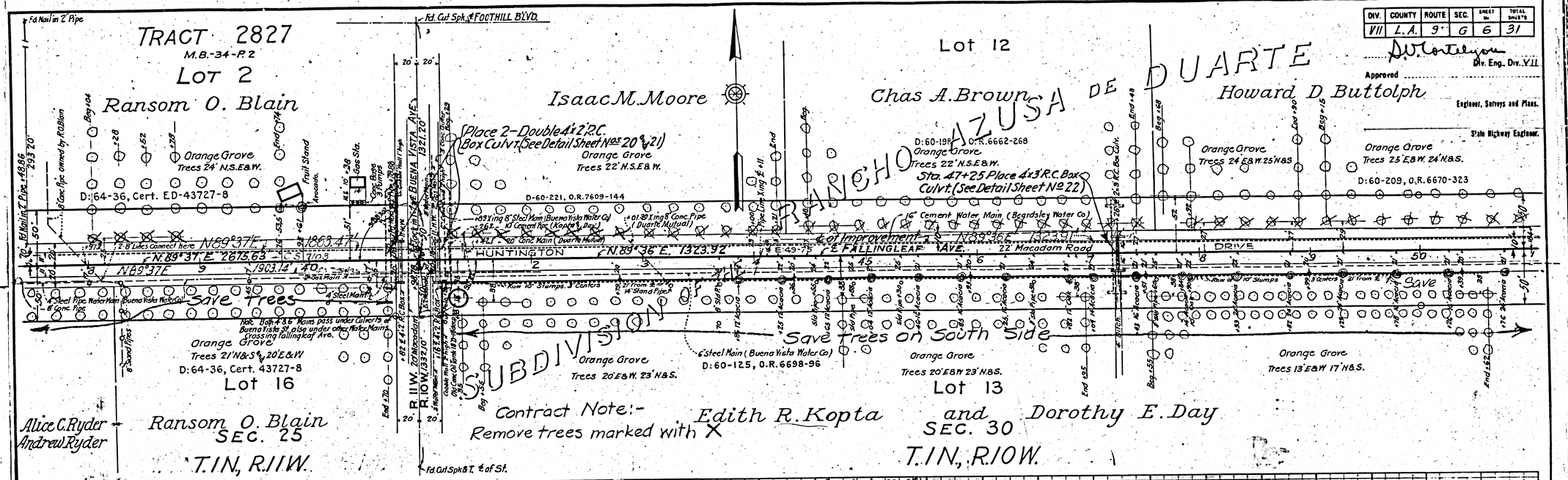
F.M. 10205-1

A4 OF A6

DIST No.	STATE	PROJ. No.	YEAR	SHEET No.	SHEETS
2	CAL.				

DIV.	COUNTY	ROUTE	SEC.	SHEET No.	TOTAL SHEETS
VII	L.A.	9	G	6	31

D. W. Cortelyou
Div. Eng. Div. VII
Approved
Engineer, Surveys and Plans.
State Highway Engineer.



LOCATION OF PIPE LINES (N. of ℄)

STATION	Nos.	ELEV. Top Pipe	SIZE etc.	Belonging to
44+019	184	499.50	16" Conc. Main	Beardsley Water Co.
44+11	15¢	500.92	16"	" " " "
44+58	15.7	501.16	16"	" " " "
45+25	17¢	500.64	16"	" " " "
46+00	18¢	500.15	16"	" " " "
47+00	19¢	499.76	16"	" " " "
48+00	20¢	500.01	16"	" " " "
49+00	20'	500.64	16"	" " " "
50+00	19¢	501.16	16"	" " " "
51+00	18¢	502.65	16"	" " " "

LOCATION OF PIPE LINES (S. of ℄)

STATION	Nos.	ELEV. Top Pipe	SIZE etc.	Belonging to
38+26	17	505.74	8" Conc. Pipe	
39+00	14¢	504.61	4" Steel Pipe	Buena Vista Water Co.
40+74	14¢	504.18	4" " " "	" " " "
40+89	22¢	504.10	8" " Main	" " " "
41+21	15	502.95	6" " Pipe	" " " "
41+28¢	21	504.85	10" Conc.	Kopta & Day
41+27	18	503.88	10" " "	" " "
41+39	20¢	503.85	20" " "	Duarte Mutual
41+44¢	17¢	503.15	20" " "	" " "
41+91	15	502.28	6" Steel Pipe	Buena Vista Water Co.

STATION	Nos.	ELEV. Top Pipe	SIZE etc.	Belonging to
42+87.3	15	502.28	8" Conc. Pipe	Duarte Mutual
43+19	19	501.14	8" " " "	
43+24.5	24.9	500.55	8" " " "	
43+50	15¢	501.89	6" Steel Pipe	Buena Vista Water Co.
45+00	14¢	500.37	6" " " " "	" " " "
46+00	14¢	500.02	6" " " " "	" " " "
48+12	14¢	500.23	6" " " " "	" " " "
49+50	14.4	500.77	6" " " " "	" " " "
51+00	14¢	501.21	6" " " " "	" " " "

F.M. 10205-1

A5 OF A6

Approved ..... Div. Eng. Div. VII.

Engineer, Surveys and Plans.

State Highway Engineer.

Sht. 46

Howard D. Buttolph

Lot 12

Orange Grove
Trees 25' E&W, 24' N&S.

D: 60-209, O.R. 6670-323

Orange Grove
Trees 24' N.S.E & W.

Geo. V., Thos. V., and A. Julia Holmes

Lot 11

Orange Grove
Trees 24' E&W. 25' N&S.

D: 60-289

O.R. 6706-88

Emma May Downe
Laura A. Poor

D: 60-235
O.R. 6718-186

D: 60-290
O.R. 7035-251

Sta. 54+19 Place 4'x2' R.C. Box Culvt.
(See Detail Sheet No. 23)

Remove

SAN GABRIEL AZUSA DE DUARTE

℄ of Improvement

N 89°36' E 1323.92

N 89°30'30" E 1326.03'

HUNTINGTON ℄ FALLINGLEAF AVE (22' Macadam Road) DRIVE

N 89°30'30" E 1326.02'

16" Cement Water Main (Beardsley Water Co)

Save Wall and fence

Save Trees on South Side

Gas Main

6" Steel Water Main

Save

House

2 Story House

House

Orange Grove
Trees 18' N.S.E & W.

D: 60-125, O.R. 6698-96

Orange Grove
Trees 24' E&W. 20' N&S.

D: 60-235

O.R. 6718-186

Orange Grove
Trees 20' E&W
23' N&S.

D: 60-290, O.R. 7035-251

SUBDIVISION

Porch

House

Edith R. Kopta & Dorothy E. Day

Lot 13

Contract Note:-
Remove Trees marked with X

Alex B. Downe
Emma May Downe

SEC. 30

T. 1 N., R. 10 W.

Lot 14

Laura A. Poor

STATION	N.S	ELEV. Top Pipe	SIZE etc.	Belonging to
52+00	17#	504.04	16"	Conc. Main Beardsley Water Co.
53+00	15#	504.98	16"	" " " "
54+18	17#	504.64	16"	" " " "
54+37	14#	506.37	16"	" " " "
57+10	13#	510.81	16"	" " " "
59+50	14#	514.15	16"	" " " "
61+00	16#	517.04	16"	" " " "
62+50	17#	519.14	16"	" " " "

LOCATION OF PIPE LINES (N. of ℄)

STATION	N.S	ELEV. Top Pipe	SIZE etc.	Belonging to
52+50	14#	502.63	6"	Steel Pipe Buena Vista Water Co.
54+18	13#	504.11	6"	" " " " "
55+50	14#	506.95	6"	" " " " "
" "	13	507.79	4"	Gas Main
57+00	13#	509.93	4"	" "
" "	15#	508.82	6"	Steel Pipe Buena Vista Water Co.

LOCATION OF PIPE LINES (S. of ℄)

STATION	N.S	ELEV. Top Pipe	SIZE etc.	Belonging to
58+50	15#	511.20	6"	Steel Pipe Buena Vista Water Co.
60+00	13#	513.57	6"	" " " " "
61+50	11#	516.15	6"	" " " " "
" "	10#	516.89	4"	Gas Main
63+00	8#	519.22	4"	" "
" "	8#	518.63	6"	Steel Pipe Buena Vista Water Co.

Width of Roadbed 60ft

Cut Slopes 1:1
Fill Slopes 1½:1 and 4:1

Profile grade is theoretical crown

+10.83%

+1.61%

+10.65%

S.M. Spike in Oak
30' Left Station 61+57
Elevation 581.09

Cu Yds	Exc	470		426		417		439		486		456		396		384		361		345				
	Emb.	0		0		0		5		0		2		2		0		0		0				
Sta		51		2		3		4		55		6		7		8		9		60				

F.M.	10	20	5	-	1
A6	OF	A6			