1791

INDEX TO F.B. 1791

DATE	J.N.	DESCRIPTION	NOTES	PAGES
		DUARTE STORM DRAIN PROJECT # 30 J.N.6963		
'53	6963	℄ from Meridan st(north) to(A.T.& S.F.RR)	C.L.	5-20
'53	"	topography on Buena Vista St from Meridian st to Duarte rd	topog	21-32
'53	"	Bench Levels (Buena Vista St)	B.Ms.	33-40
'53	"	cross section on Buena Vista St	x-sec	41-100
'53	"	℄ on Buena Vista St .Duarte Rd North to Royal Oaks Dr.	C.L.	107-128
'53	"	topography on Buena Vista St from Duarte Rd to Royal-Oaks Drive.	topog	131-148
'53	"	cross section on Buena Vista St . Duarte Rd North 200'	x-sec	151-154
'53	"	cross section ℄ storm drain From 45+25.00 North to 84+67.8	x-sec	155-196
' 53	"	cross section on Ranch Roads East of Buena Vista	x-sec	197-204
'53	"	cross section on ℄ Central Ave East & West of Buena - Vista St.	x-sec	205-210
'53	"	cross section on Bloomdale st East of Buena Vista St.	x-sec	211-214
'53	"	cross section on Maynard East of Buena Vista St.	x-sec	215-218
'53	"	cross section on Sesmas St West of Buena Vista St.	xpsec	219-224

Microfilmed Aug 87

INDEX TO F.B. 1791

DATE	J.N.	DESCRIPTION	NOTES	PAGES
		DUARTE STORM DRAIN PROJECT #30 J.N.6963		
'53	6963	cross section on Royal Oaks Dr. East &West of Buena-Vista St.	x-sec	225-230
'53	"	additional topography on ℄ storm drain .No of Royal Oaks.	topog	231-234
'53	"	cross section on ℄ storm drain No of ROYAL OAKS.	x-sec	235-242
'53	"	cross section No of Royal Oaks-to the right on Orange	x-sec	243-250
'53	"	cross section No of Royal Oaks to the left on Orange	x-sec	251-256

PWFB 1529 565

Notes Ck'd by	Survey of S.D. Project #30 Duarte	F. B. 1291 Pg. 3
Map No.	W. O. 6964 Tape No. 0122 St'd. 68 °F	
Office Work	Surveyed by D.E. Holmes	
Checked	Notes Holmes Date	
Date	Indexed C. Johnson 4-21-53	

STORM DRAIN PROJECT # 30
BUENA VISTA ST. "DUARTE"
DIV. # 1.

℄ LINE SURVEY FROM MERIDIAN ST (North)
DUARTE RD. TO (A.T.&S.F. R.R.)

Holmes

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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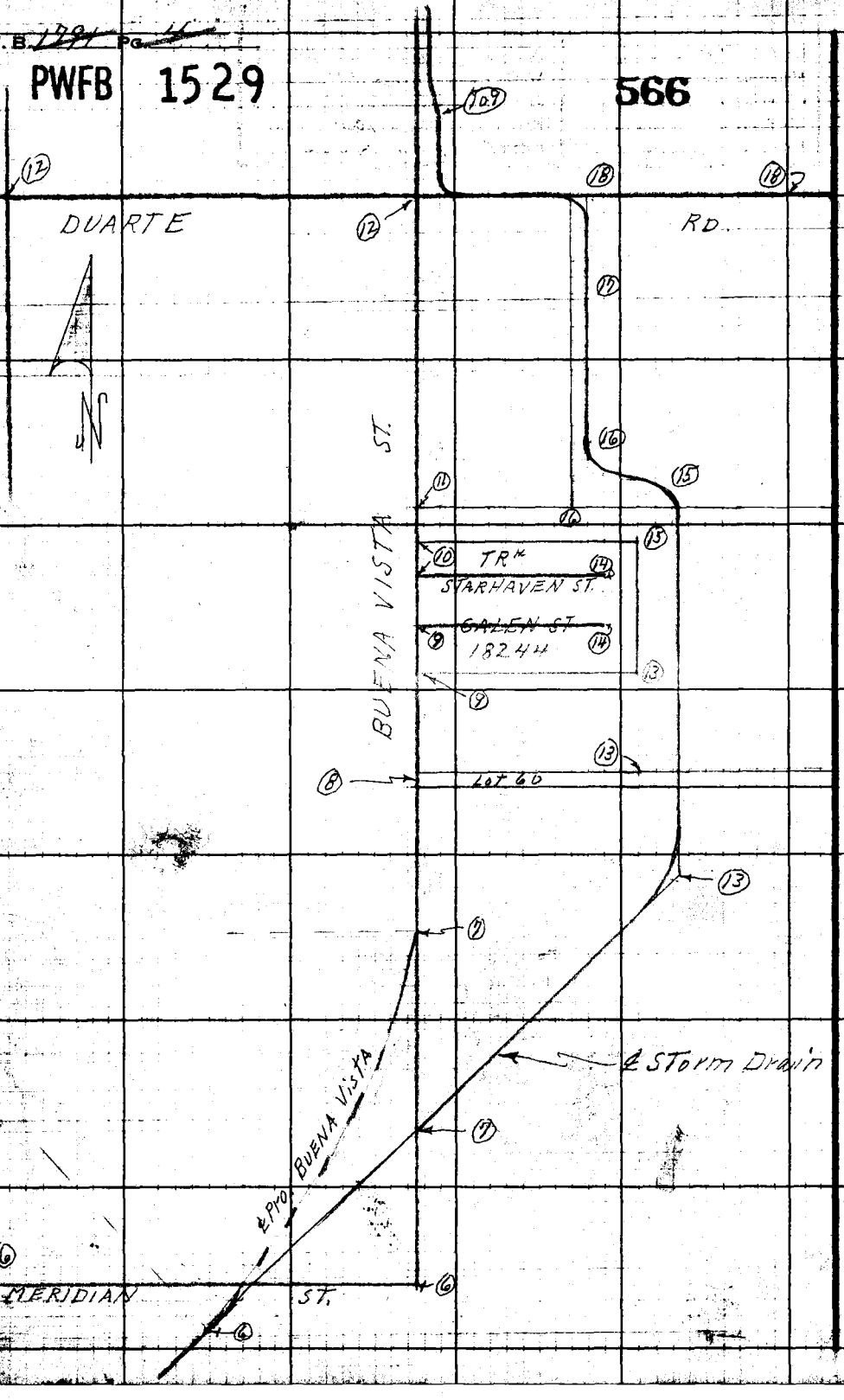
Report noted notes this side of this line.

76F3095 247 2-51

F.B. 1791 Pg. 4

PWFB 1529

566



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PWFB 1529 567

Notes Ck'd by [illegible]	Survey of S.D. Project #30 "DUARTE" "F.B. [illegible] Pg. [illegible]
Map No.	W.O. [illegible] Tape No. [illegible] Pd. [illegible] °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes [illegible] Date [illegible]
Date	Indexed [illegible] 9-1-53

STORM DRAIN PROJECT #30 (DIV. #1)

BUENA VISTA ST.

"DUARTE"

from

MERIDIAN ST. North To A.T. + S.F. R.R.

For Location of improvements
See pgs 21-32 incl.
For Profile See pg's

Holmes
Barilotti
Bowles [illegible]
Hand
West

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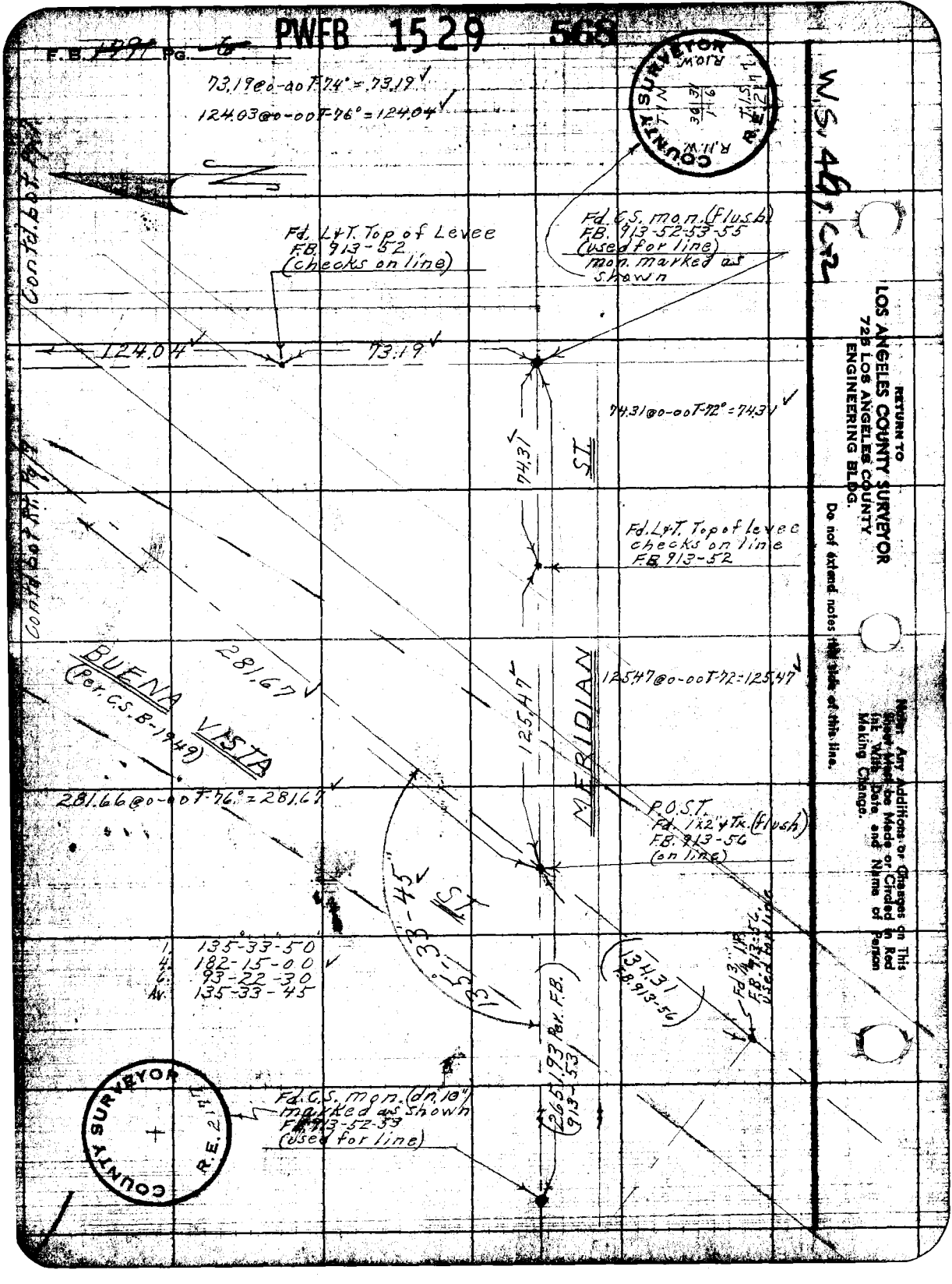
[illegible] SURVEYOR
[illegible] COUNTY
[illegible] BLDG.

76F3086 247 [illegible]


PWFB 1529 568
F.B. 1991 PG. 6
73.19@0-00T-74° = 73.19
124.03@0-00T-76° = 124.04
COUNTY SURVEYOR R.E. 2177
R.10.W. T.1N. 30 31 1 6
R.11.W. T.1S. 2177
W.S. 46, C-2
Fd. L+T. Top of Levee
F.B. 913-52
(checks on line)
Fd. C.S. mon. (flush)
F.B. 913-52-53-55
(used for line)
mon. marked as shown
124.04
73.19
74.31@0-00T-72° = 74.31
74.31
ST
Fd. L+T. Top of levee
checks on line
F.B. 913-52
Contd. bot. Pg. 7
Contd. bot. Rt. Pg. 7
BUENA VISTA
(Per. C.S. B-1949)
281.67
125.47@0-00T-72 = 125.47
125.47
MERIDIAN
281.66@0-00T-76° = 281.67
P.O.S.T.
Fd. 1x2" + Tk. (flush)
F.B. 913-56
(on line)
135-33-45
ST
1. 135-33-50
4. 182-15-00
6. 93-22-30
Av. 135-33-45
134.31
F.B. 913-56
Fd. 3" I.P.
F.B. 913-56
used for line
2651.93 Per. F.B.
913-53
Fd. C.S. mon. (dn. 10")
marked as shown
F.B. 913-52-53
(used for line)
COUNTY SURVEYOR R.E. 2177
RETURN TO
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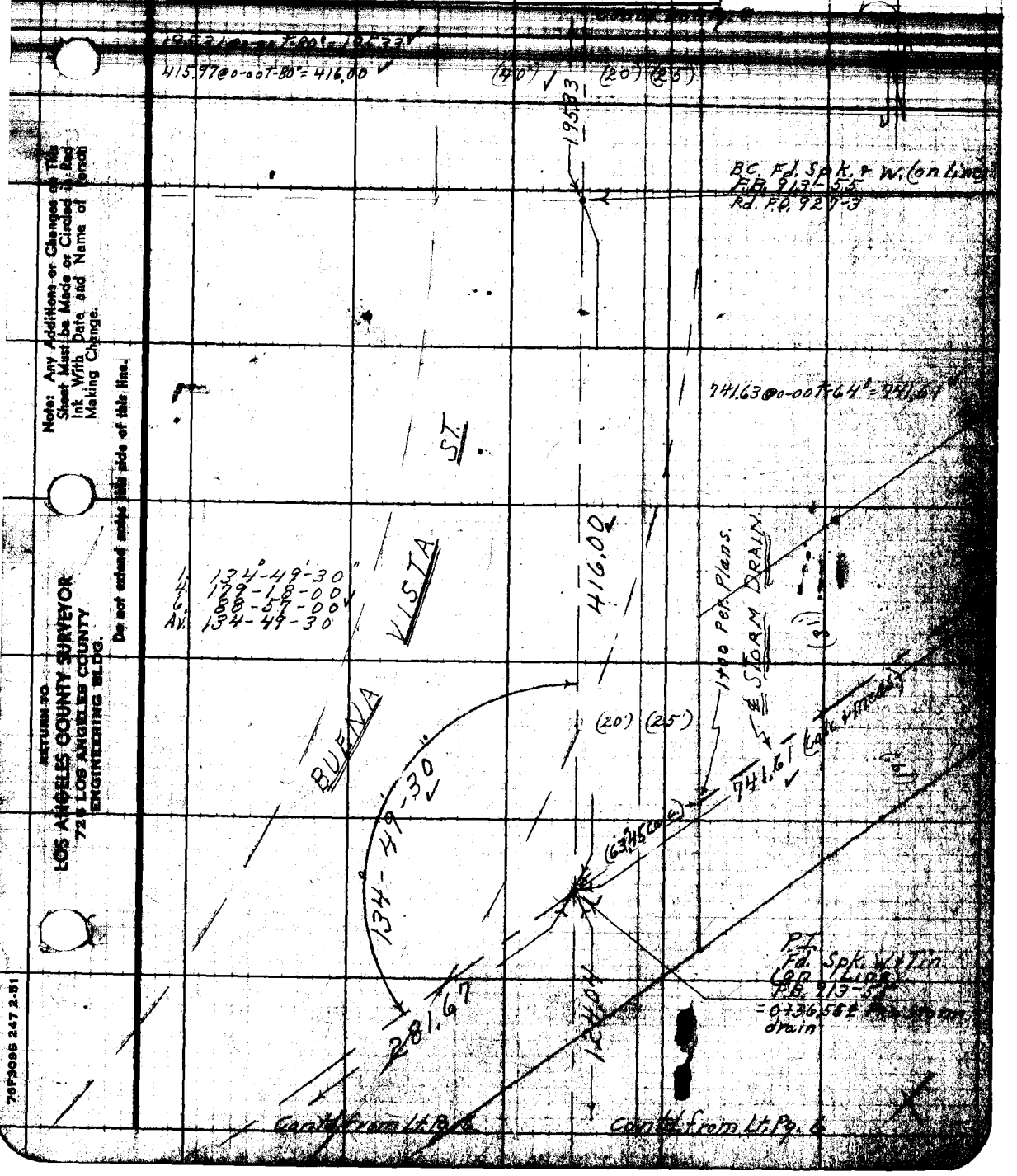
PWFB 1529 569

Notes Ck'd by [illegible]	Survey of S.D. Project "30 Duarte"
Map No.	W.O. 676 Tape No. 012 Std. 60 °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes D.E.H. Date [illegible]
Date	Indexed C. Johnson

F.B. [illegible] Pg. [illegible]



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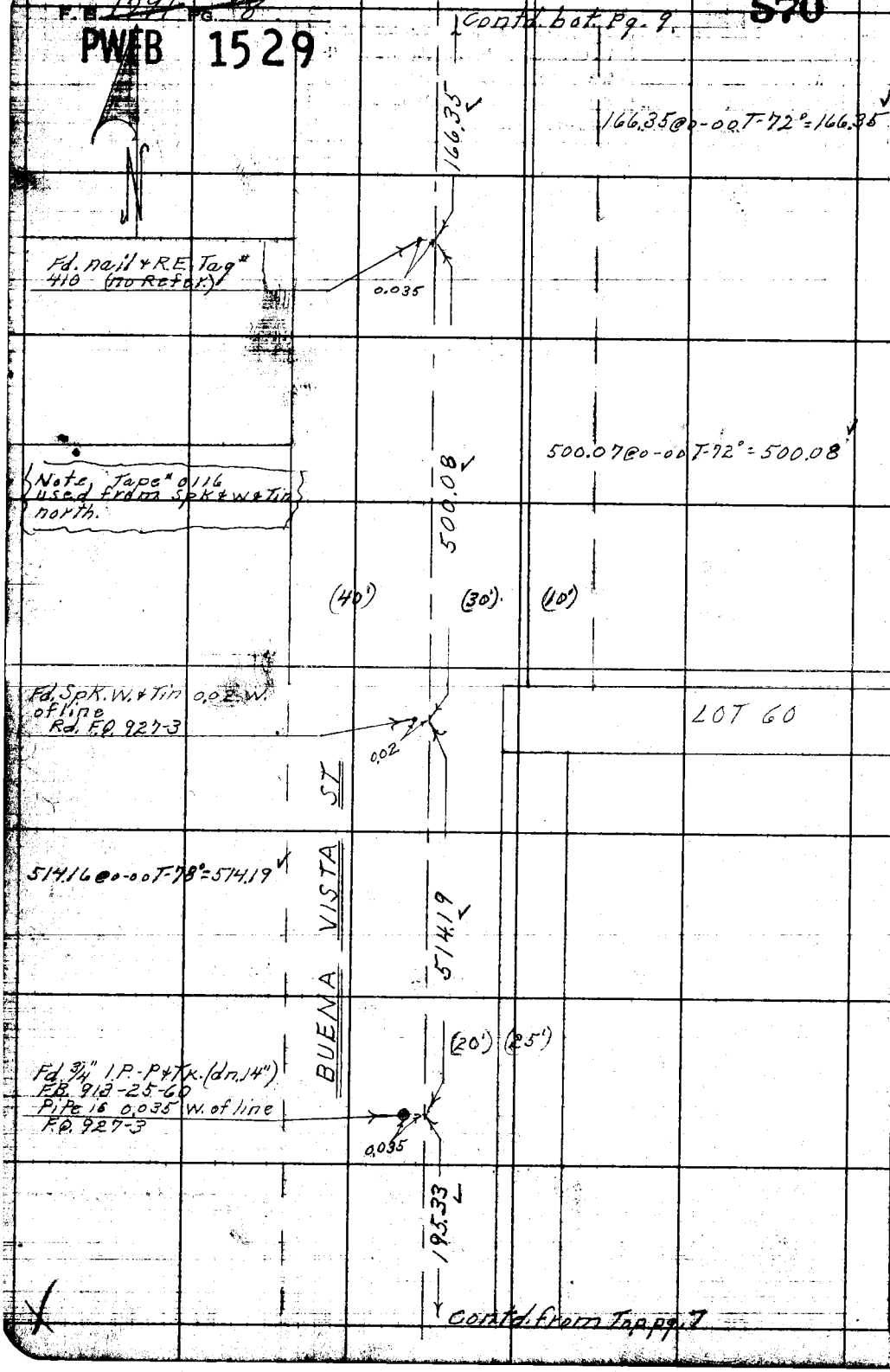
76F3095 247 2-51

F.B. 1291 PG. 8

PWFB 1529

570



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PWEB 1529 571

Notes Ck'd by [illegible]	Survey of S.D. Project #30 "Duarte"
Map No.	W. O. 6763 Tape No. 2116 Std. 68 °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes D.E.H. Date 3-6-59
Date	Indexed C. Johnson

F.B. 1777 Pg. 9

W.S. 46, C2

Contd. bot. Pg. 10

(40') (40')

1. 89°41'30"
4. 358-45-50
6. 178-08-50
Av. 89-41-30

237.52

89°-41'-30"

GALEN ST.

set nail by inter.

Fd. 2" I.P.-nail & R.E. Tag # 410 (dn. 12") Per. TR. 18244

0.05

444.98

BUENA VISTA ST.

118.62

445.03 @ 0-00 T-52° = 444.98
455.06 @ 0-00 T-64° = 455.05
118.62 @ 0-00 T-66° = 118.62
237.52 @ 0-00 T-66° = 237.52

89°-36'-20"

1. 89°-36-20
4. 358-25-10
6. 177-37-50
Av. 89-36-20

Fd. R.E. Tag # 410 & nail (no Refer.)

Set Spk. W. & Tin by inter.

39.96

0.055

455.05

Fd. 2" I.P.-nail & R.E. Tag # 410 (dn. 12") S.W. Cor. TR. # 18244 (used for line)

166.35

Contd. from Top Pg. 8

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RETURN TO
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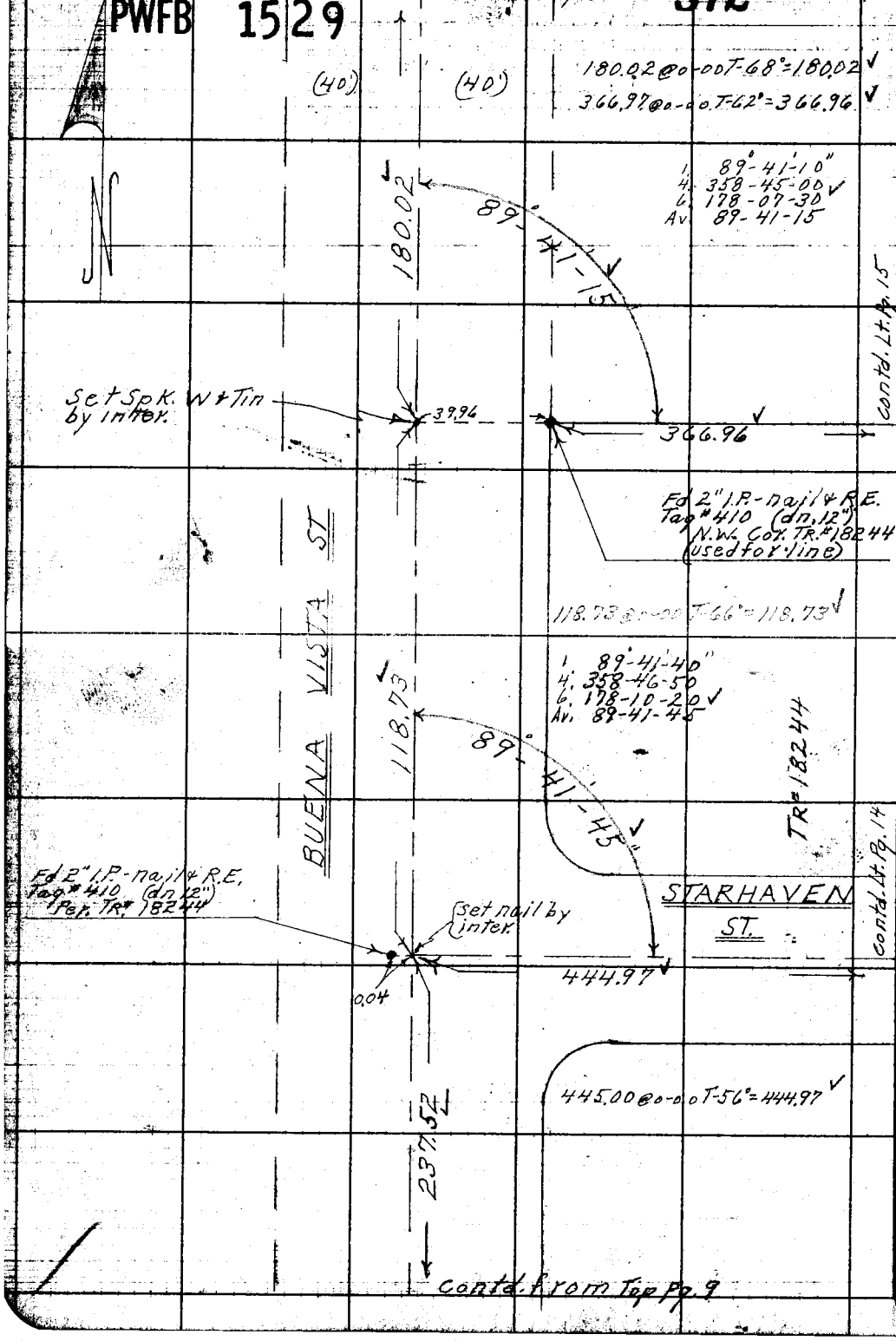
76F309S 247 2-51

F.B. ~~1791~~ PG. ~~10~~

PWFB 1529

572

W.S. 46 C-2



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PWFB 1529 573, 574

F. B. [illegible] Pg. 11

Notes Ck'd by [illegible]	Survey of SD Project #30 "Duarte"
Map No.	W. O. 6963 Tape No. 0116 St'd. 68 °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes D.E.H. Date 3-1-53
Date	Indexed C. Johnson

Contd. Rt. Pg. 12

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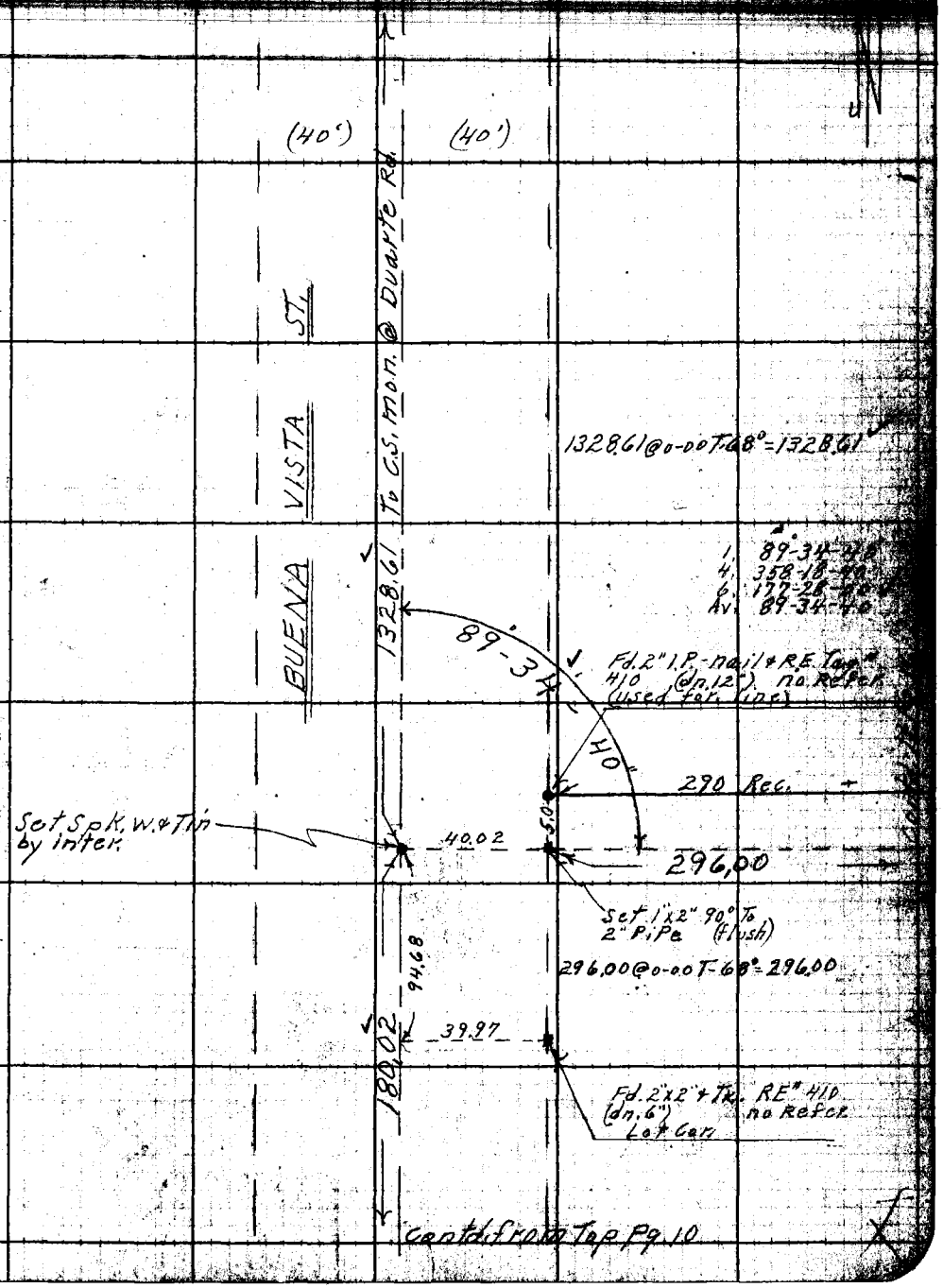
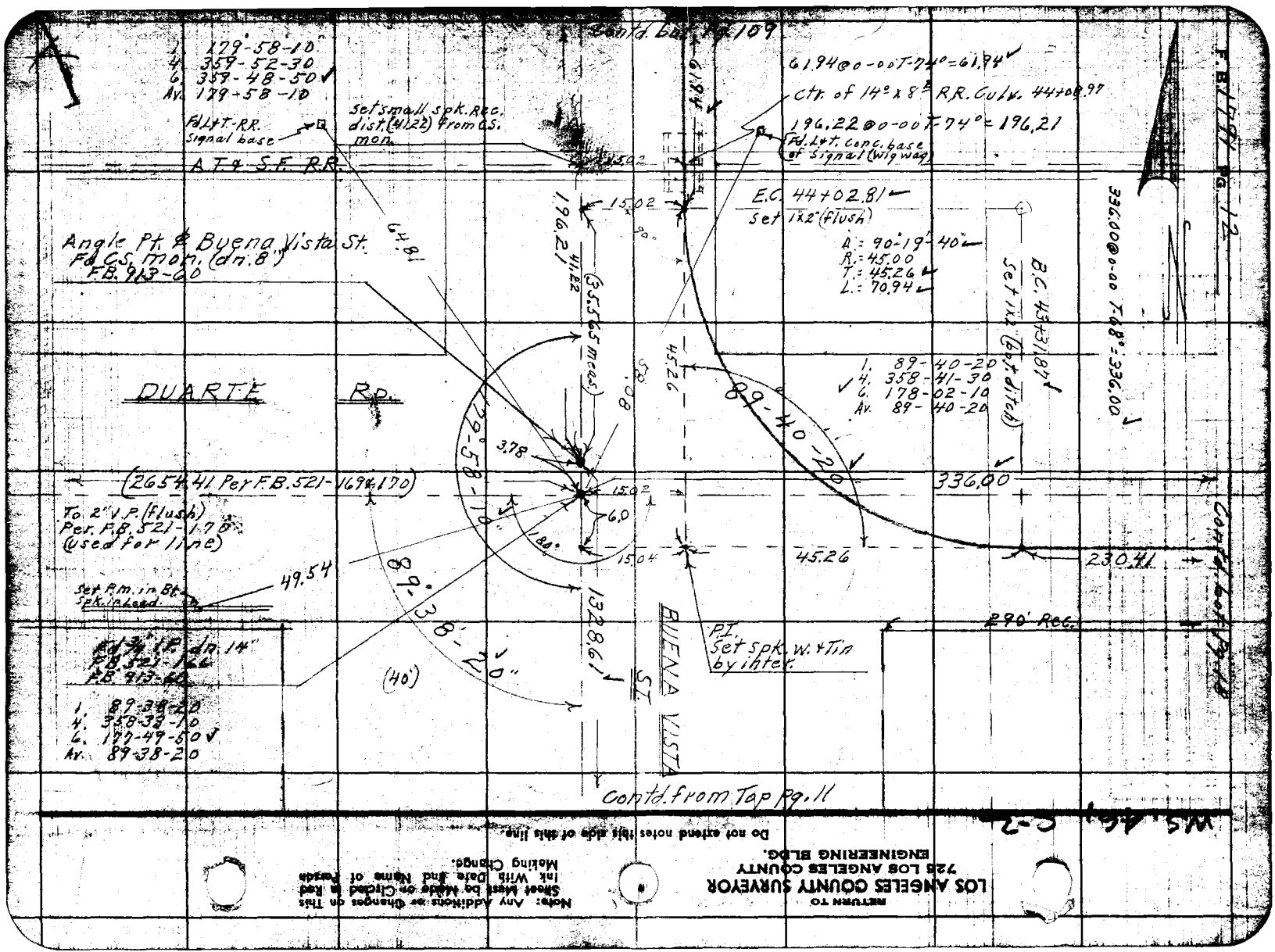


Contd. from Top Pg. 10

76F309S 247 2-51



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PWFB 1529 575, 576

F.B. 1291 Pg. 15

Notes Ck'd by K.R.[illegible]	Survey of S.D. Project #30 "Duarte"
Map No.	W.O. [illegible] Maps No. [illegible] Std. [illegible]
Office Work	Surveyed by D.E. Holmes
Checked	Notes D.E.H. Date 5-10-[illegible]
Date	Indexed [illegible] C. Johnson

Contd. from Rt. Pg. 9

TR.# 18244

Fd. 2" I.P. nail & R.E.
Tag # 410 (dn. 12")
S.E. Cor. TR.# 18244
(used for line)

474.11

474.14 @ 0-00 T-58° = 474.11

455.05

31.00

P.O.T. 20+41.06
Set 1x2 by inter.

1. 89°-36'-20"
4. 358-25-10
6. 177-37-40
Av. 89-36-15

89°-36'-15"

660.15

660.17 @ 0-00 T-64° = 660.15

Fd. 2" I.P. nail & L.S.
Tag # 974 (up 10")
no refer.

13+80.91
P.O.T. Set 1x2

31.04

0.75

LOT. 60.

℄ STORM DRAIN

Ely R/W of
PRO. STORM DRAIN

(495' To ℄ BUENA VISTA)

(31°)

(19°)

E.C. = 8+64.19

E.C. 8+64.19
Set 1x2

612.82

612.86 @ 0-00 T-58° = 612.82

℄ Storm Drain
Δ = 45°-10'-30"
R = 231.00
T = 96.10
L. = 182.13

134°-49'-30"

B.C. 6+82.06
Set 1x2

P.C.
Set 1x2 (dn. 8") on
line Prod. from So. West
& Calc. dist. To be 520
from ℄ Buena Vista St.

1. 134°-49'-30"
4. 179-18-00
6. 88-57-10
AV. 134-49-30

741.61 (Calc. & meas.)

Contd. from Rt. Pg. 7

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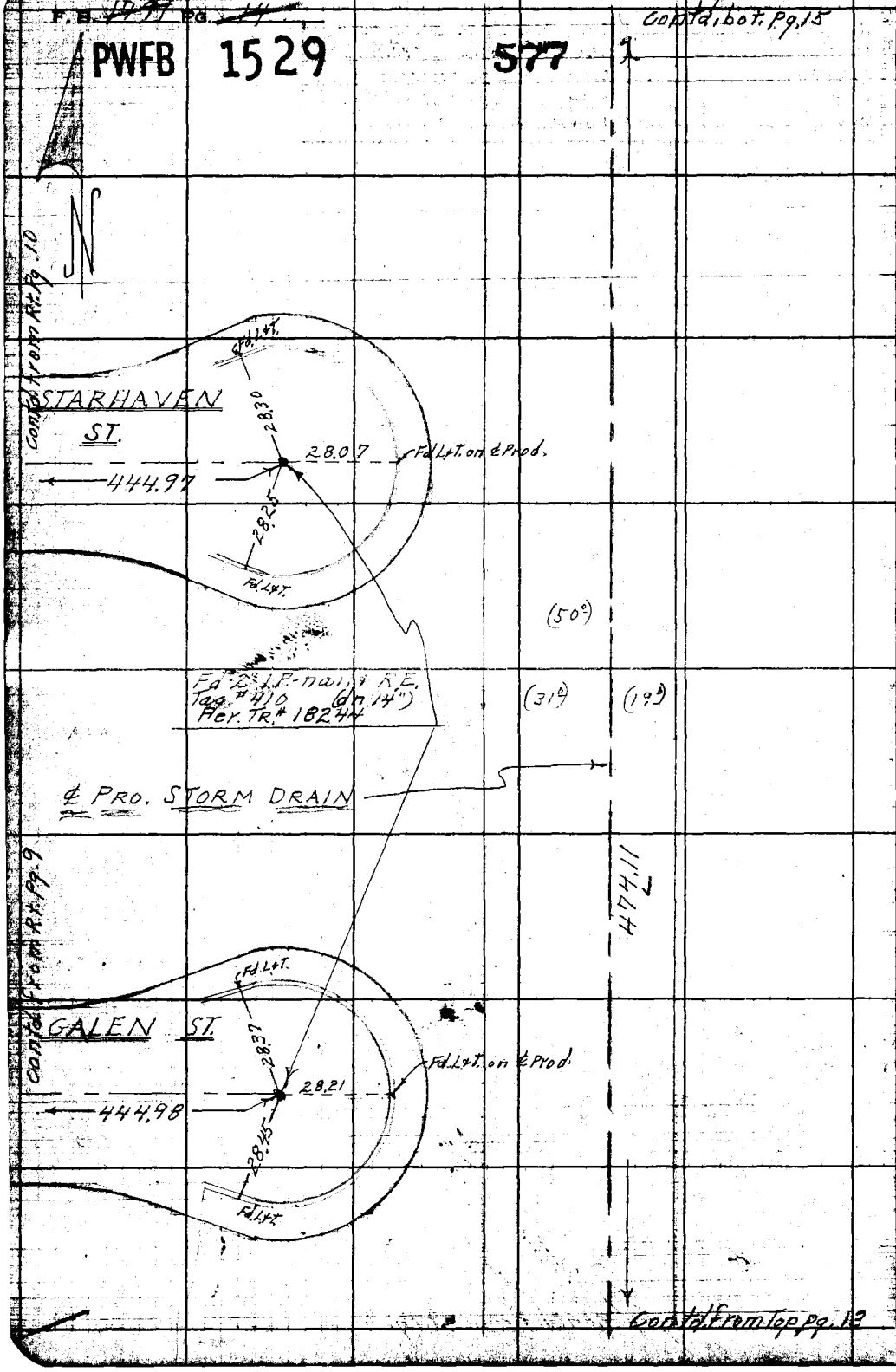
76F3095 247 2-51

F.B. ~~1997~~ PG. ~~14~~

PWFB 1529

577



W.S. 46 C-2

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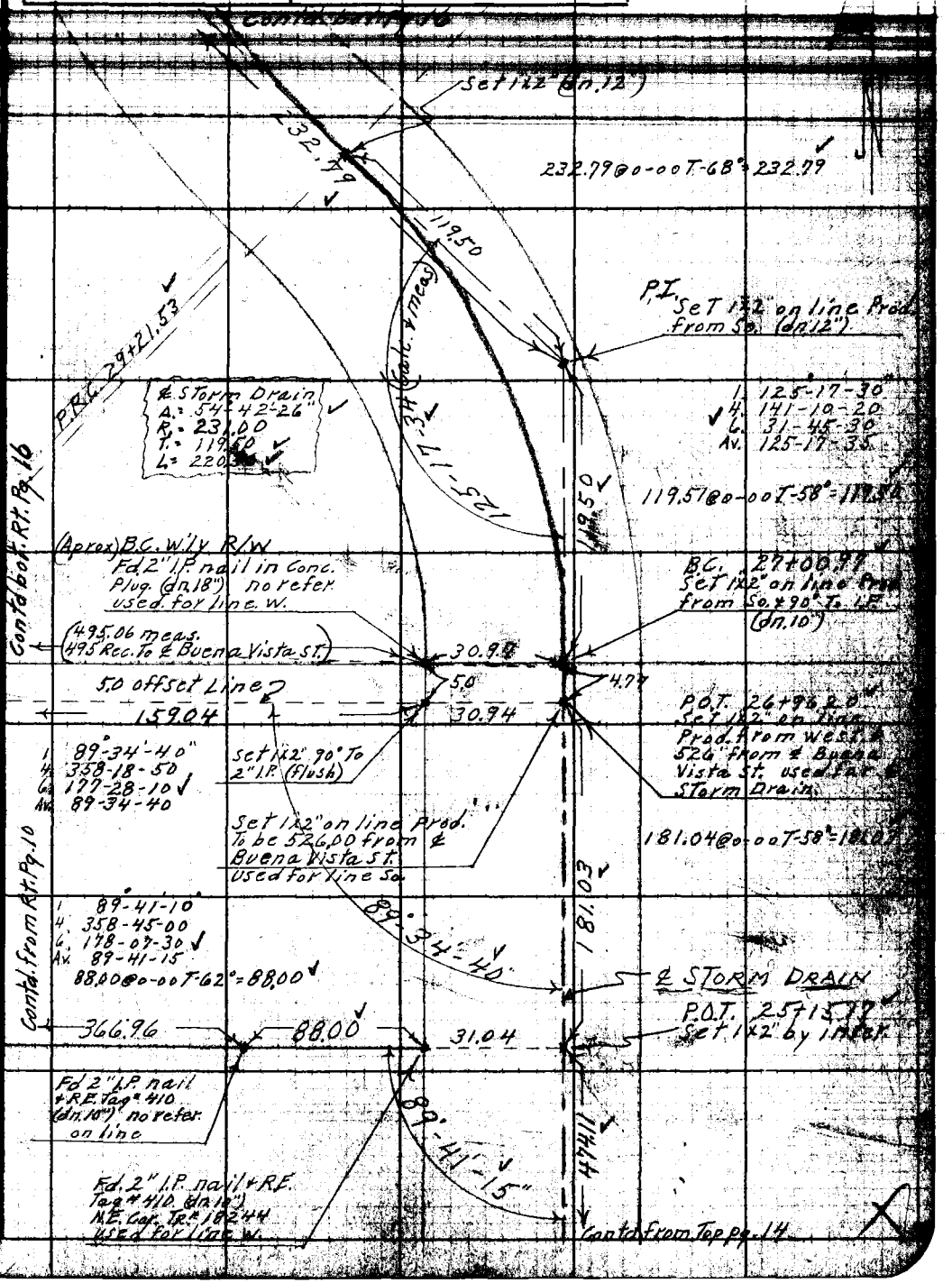
PWEB 1529 578, 579

F.B. 1791 Pg. 16

Notes Ck'd by [illegible]	Survey of SD Project #30 "Duarte"
Map No.	W.O. [illegible] Tape No. [illegible] Std. [illegible] °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes [illegible] Date 9-10-53
Date	Indexed K. C. Johnson



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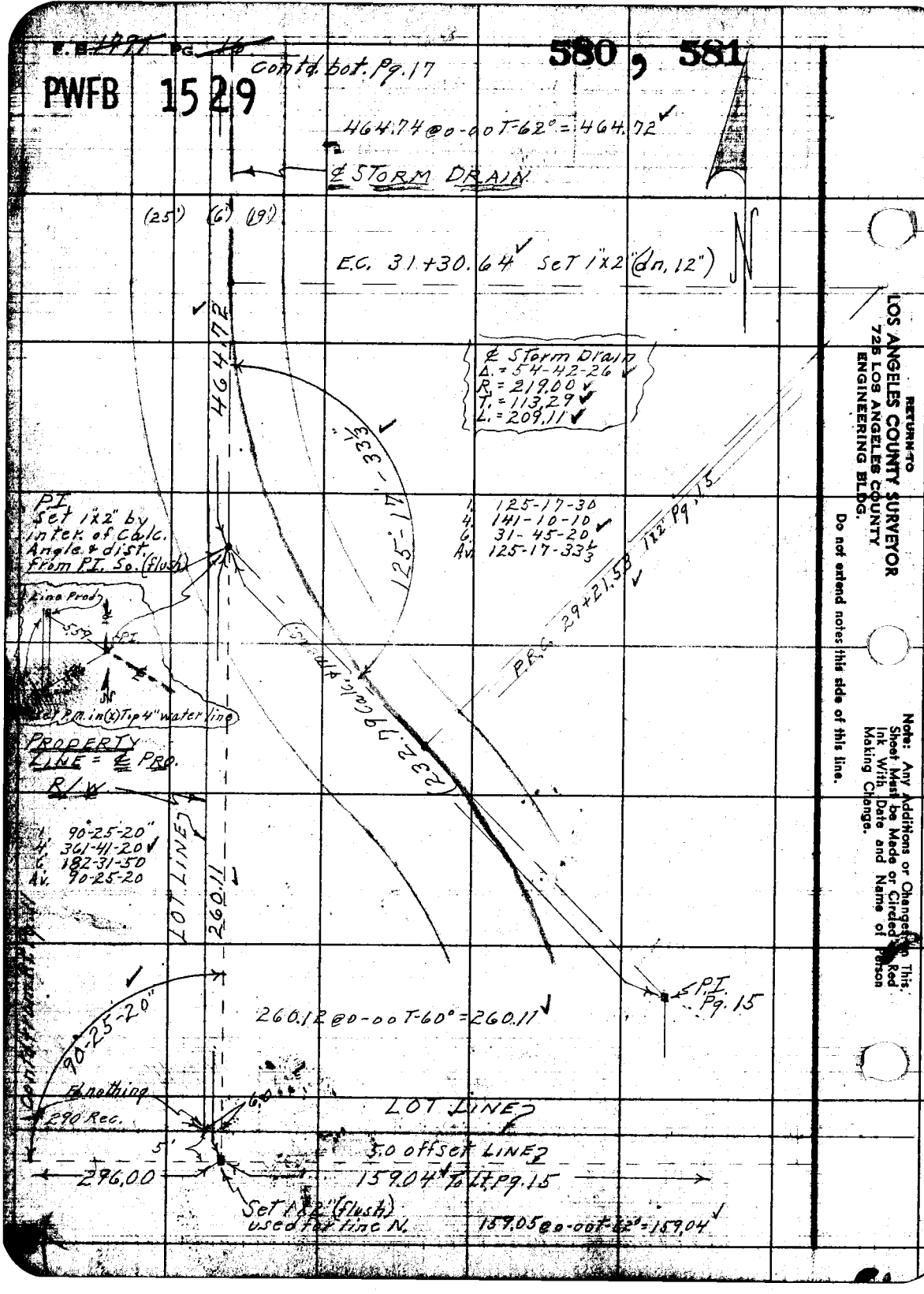
76F3095 247 2-51



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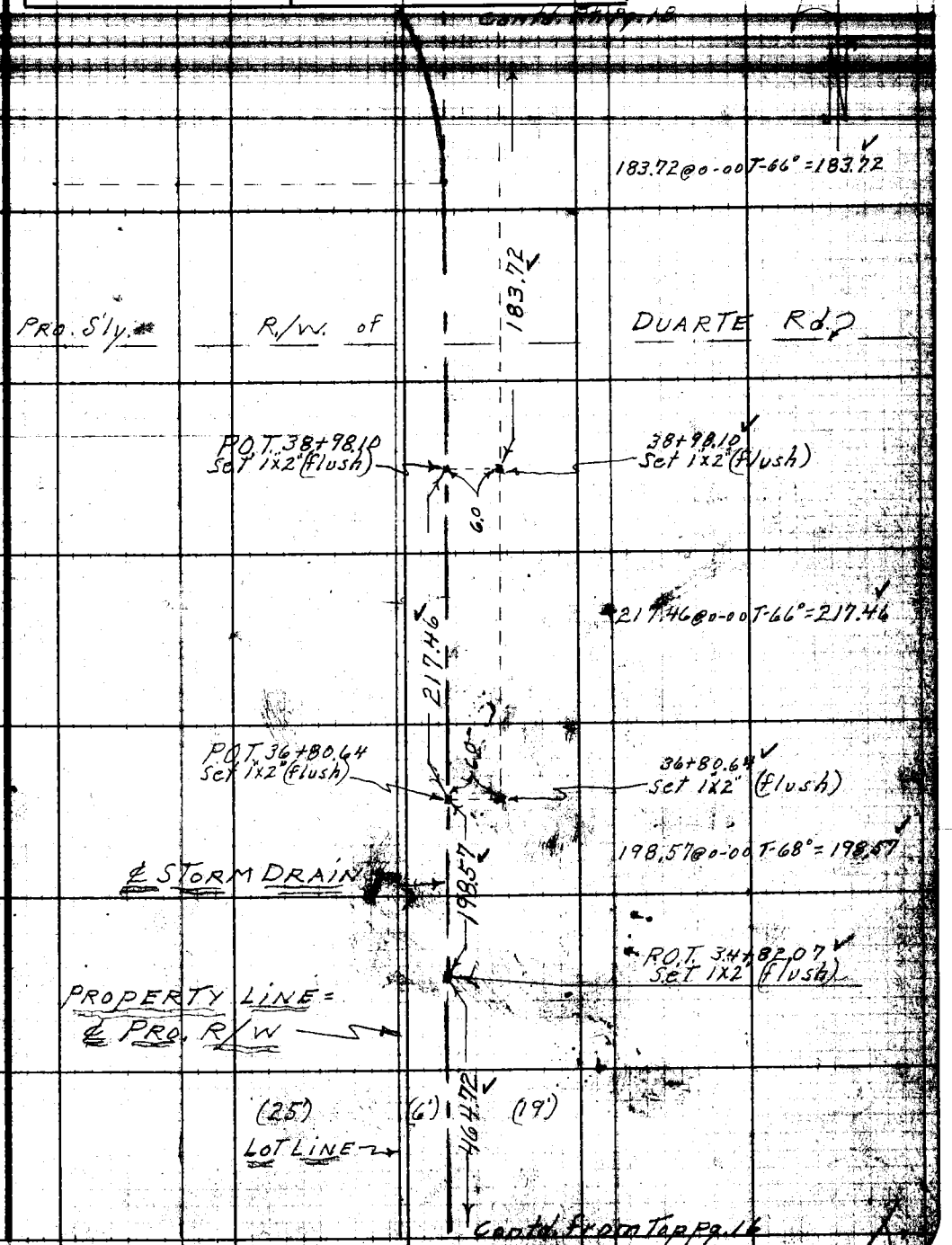
PWFB 1629

225

Notes Ck'd by [illegible]	Survey of S.D. Project #30 "Duarte"
Map No.	W.O. [illegible] Tape No. [illegible]
Office Work	Surveyed by D.E. Holmes
Checked	Noted [illegible] Date [illegible]
Date	Indexed C. Johnson

F.B. [illegible] Pg. [illegible]

Contd. Fr. Pg. 18



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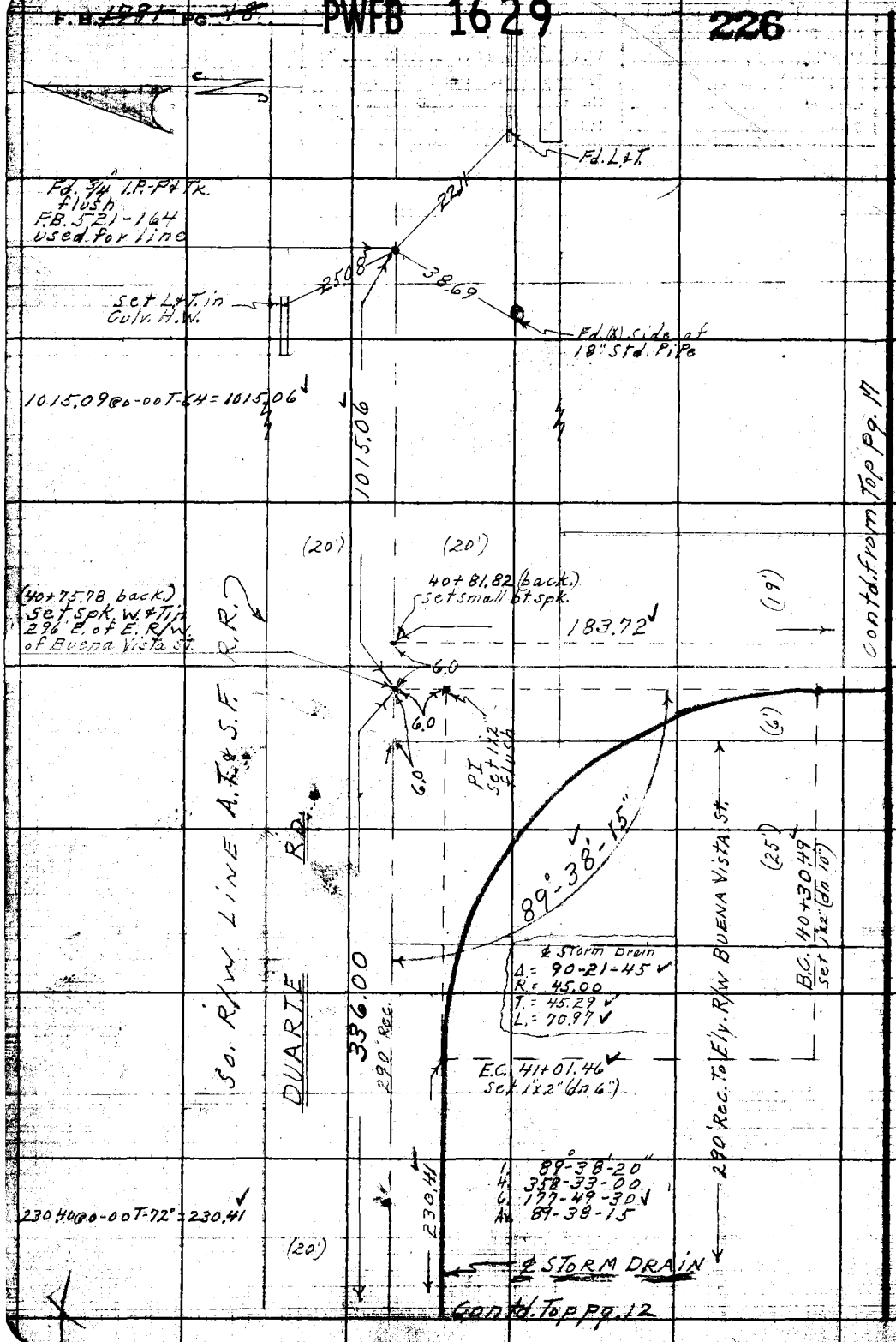

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F. B. _____ Pg. 19

Notes Ck'd by _____	Survey of _____
Map No. _____	W. O. _____ Tape No. _____ St'd. _____ °F
Office Work _____	Surveyed by _____
Checked _____	Notes _____ Date _____
Date _____	Indexed _____

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76FS095 247 2-51

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F. B. _____ PG. 20

Notes Ck'd by	Survey of SD Project #30 "Duarte"
Map No.	W.O. 6963 Tape No. Sl'd. °F
Office Work	Surveyed by Holmes
Checked	Notes Holmes Date 3-18-53
Date	Indexed A. Q. Johnson 4-21-53

F. B. 1991 PG. 21

J. N 6963
Storm Drain Project #30
Buena Vista St. "Duarte"
LOCATION of IMPROVEMENTS (Div. # 1)
from
NORTH of MERIDIAN ST. TO DUARTE RD.

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink, With Date, and Name of Person Making Change.

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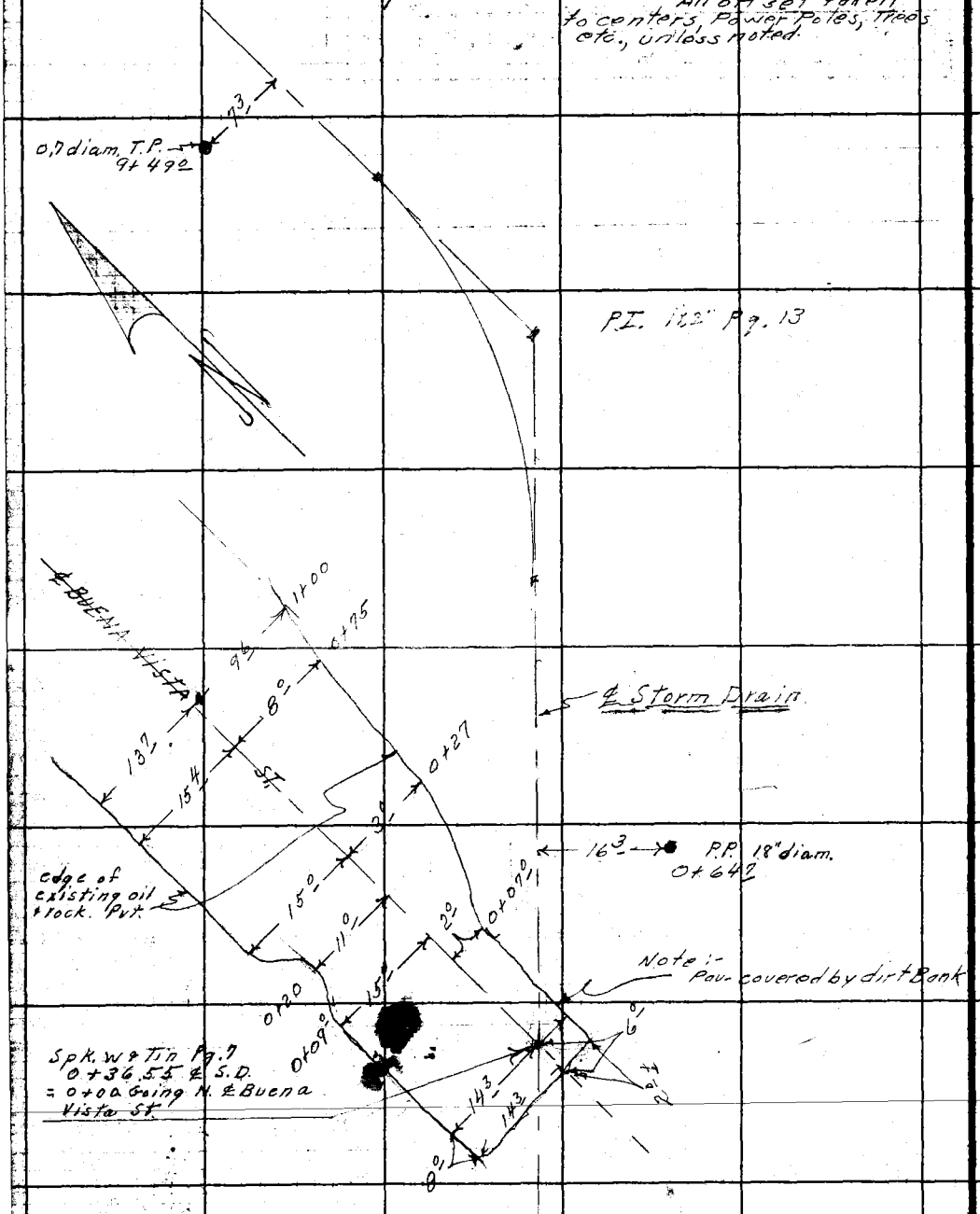
76F30PS 247 2-51

F.B. 1791 PG. 22

Contd. Bot. Pg. 23

Note:- All offset taken to centers, Power Poles, Trees etc., unless noted.



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723 LOS ANGELES COUNTY ENGINEERING BLDG.
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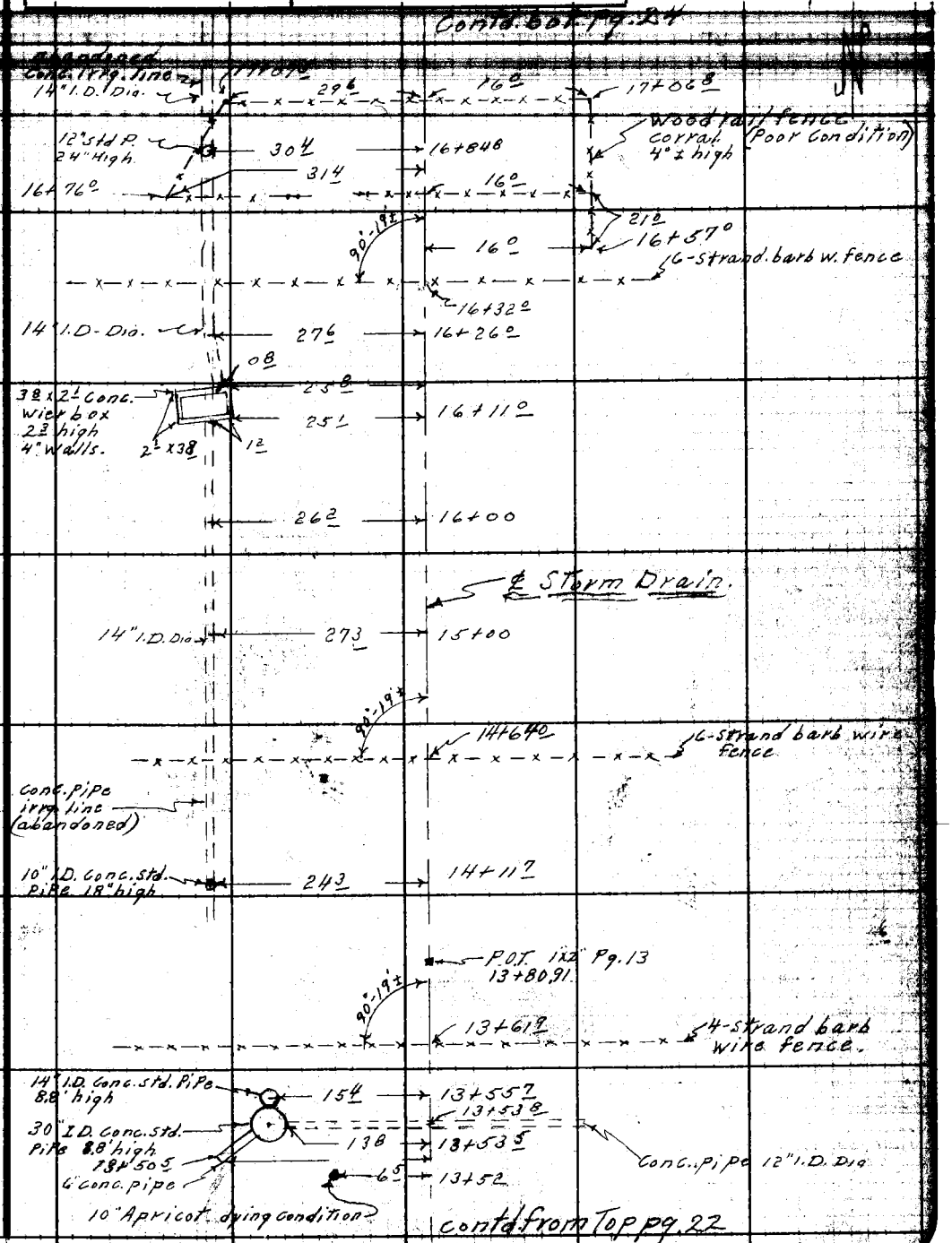
Notes Ck'd by	Survey of S.D. Project 1" 30" Quarter
Map No.	W. O. 6393 Tape No. St'd. °F
Office Work	Surveyed by Holmes
Checked	Notes Holmes Date 3-18-53
Date	Indexed C. Johnson

F. B. 1791 PG. 23



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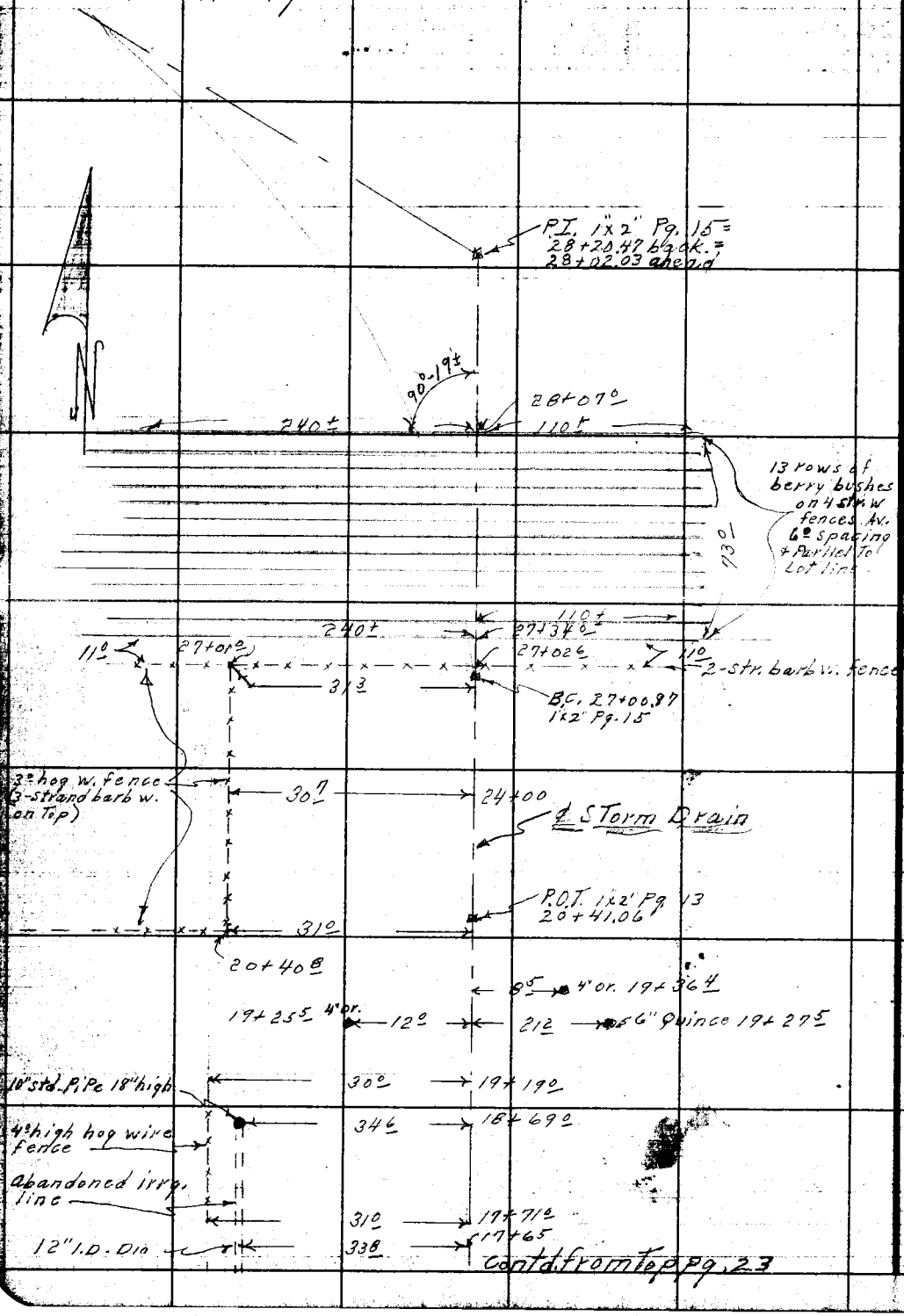
76F3095 247 2-51

F.B. 1791 PG. 24

Contd. Bot. Rt. Pg. 25



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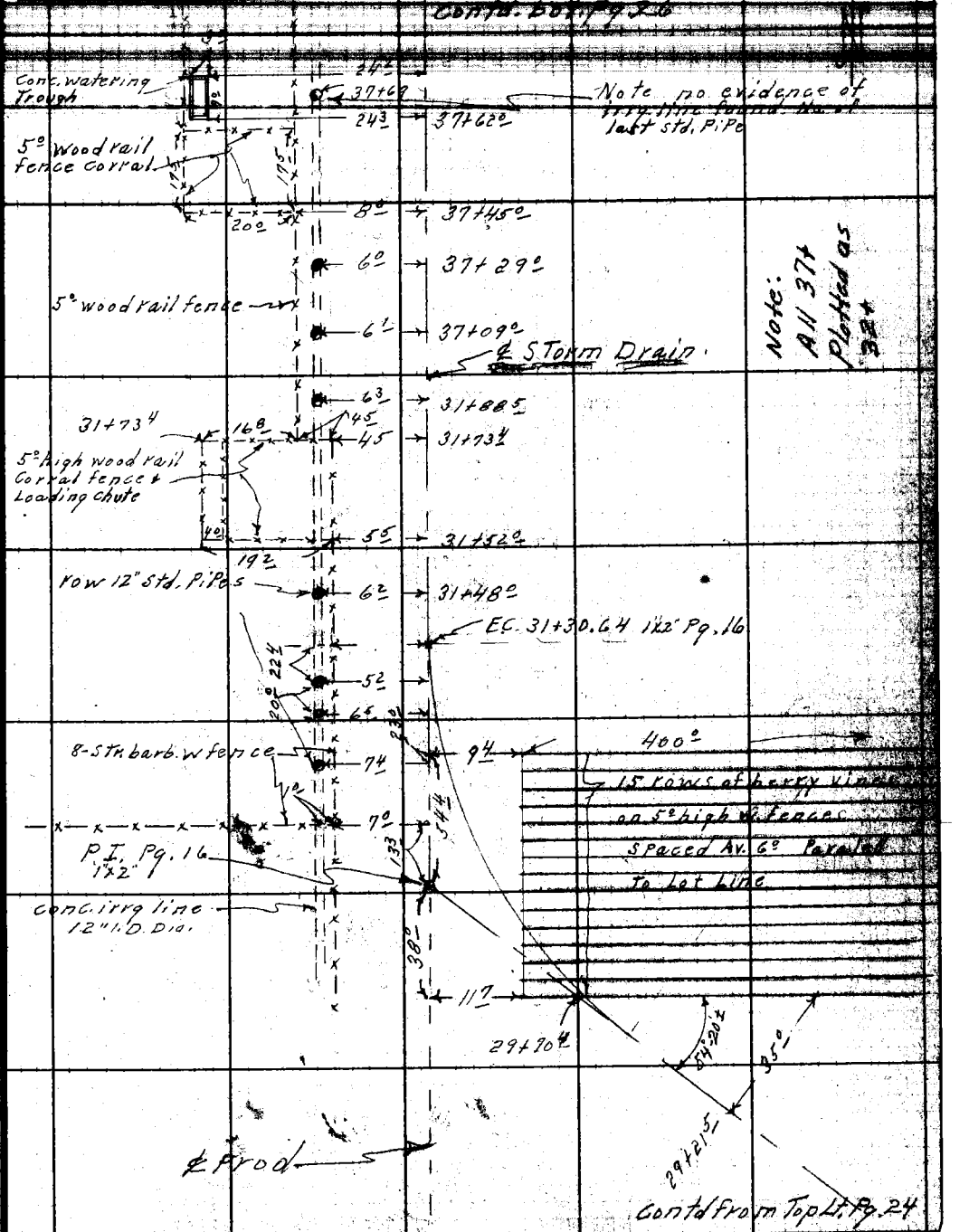
Notes Ck'd by	Survey of S.D. Project #30 Duarte
Map No.	W. O. 6785 Tape No. Std. °F
Office Work	Surveyed by Holmes
Checked	Notes Holmes Date 3-19-53
Date	Indexed E. C. Johnson

F.B. 1791 PG. 25



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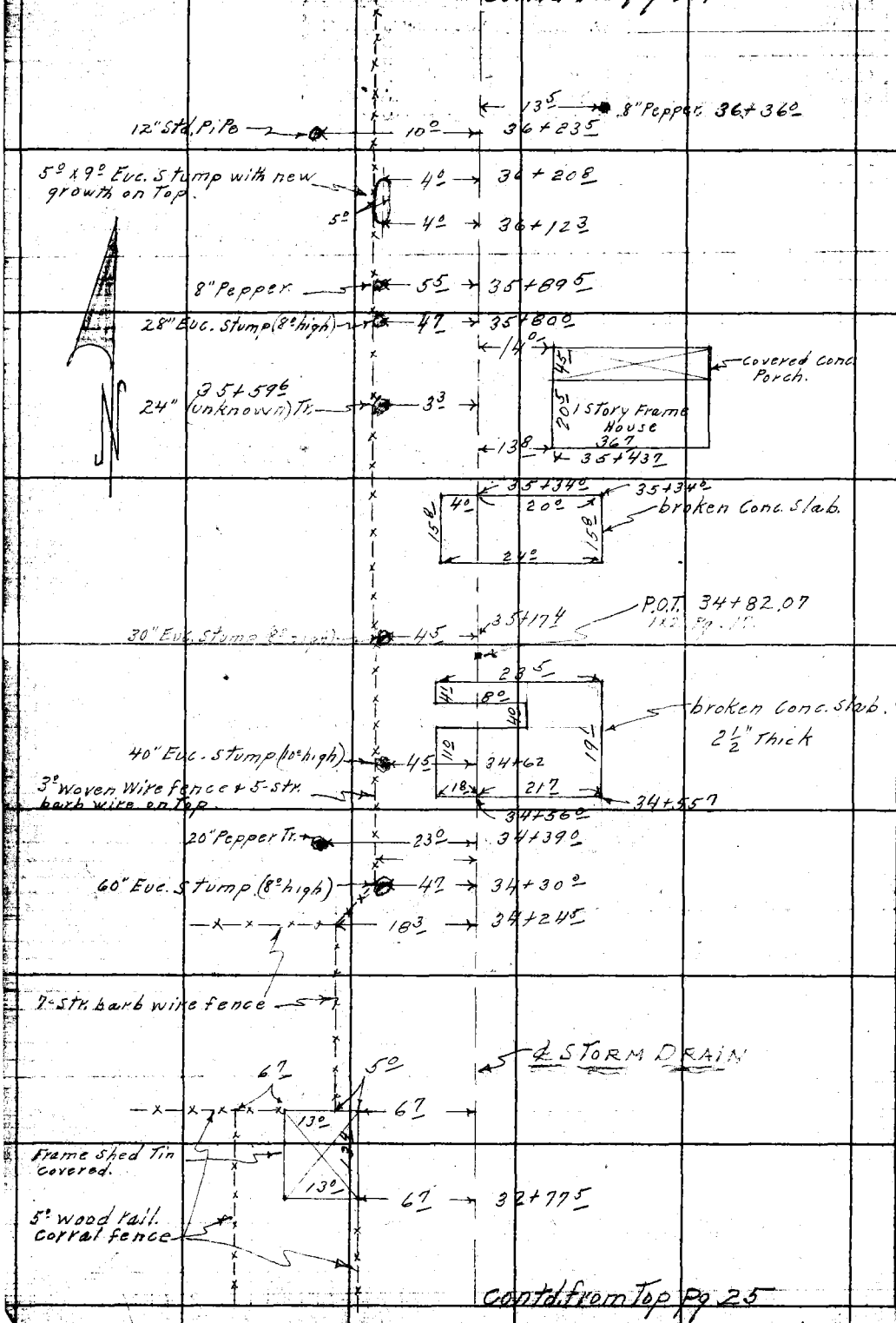
76F3098 247 2-51

Contd. bot. Pg. 27



Contd. from Top Pg. 25

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725 LOS ANGELES COUNTY
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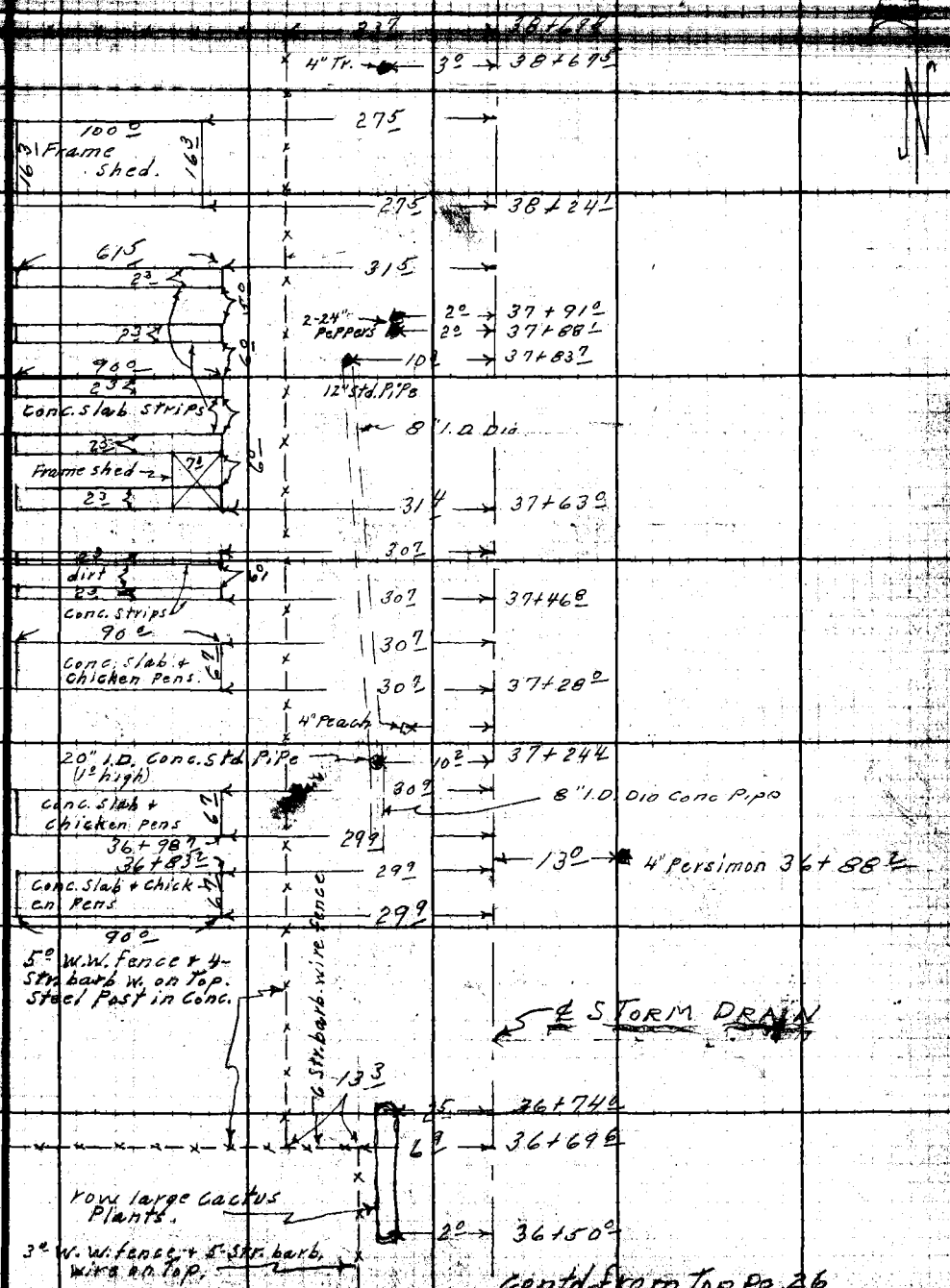
Notes Ck'd by	Survey of S.D. Project #30 "Duarte"	F.B. 1791 Pg. 27
Map No.	W.O. 6767 Tape No. St'd. °F	
Office Work	Surveyed by Holmes	
Checked	Notes Holmes Date 3-18-38	
Date	Indexed A. C. Johnson	

Contd. Bot. Pg. 28



Contd. from Top Pg. 26

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726 LOS ANGELES COUNTY
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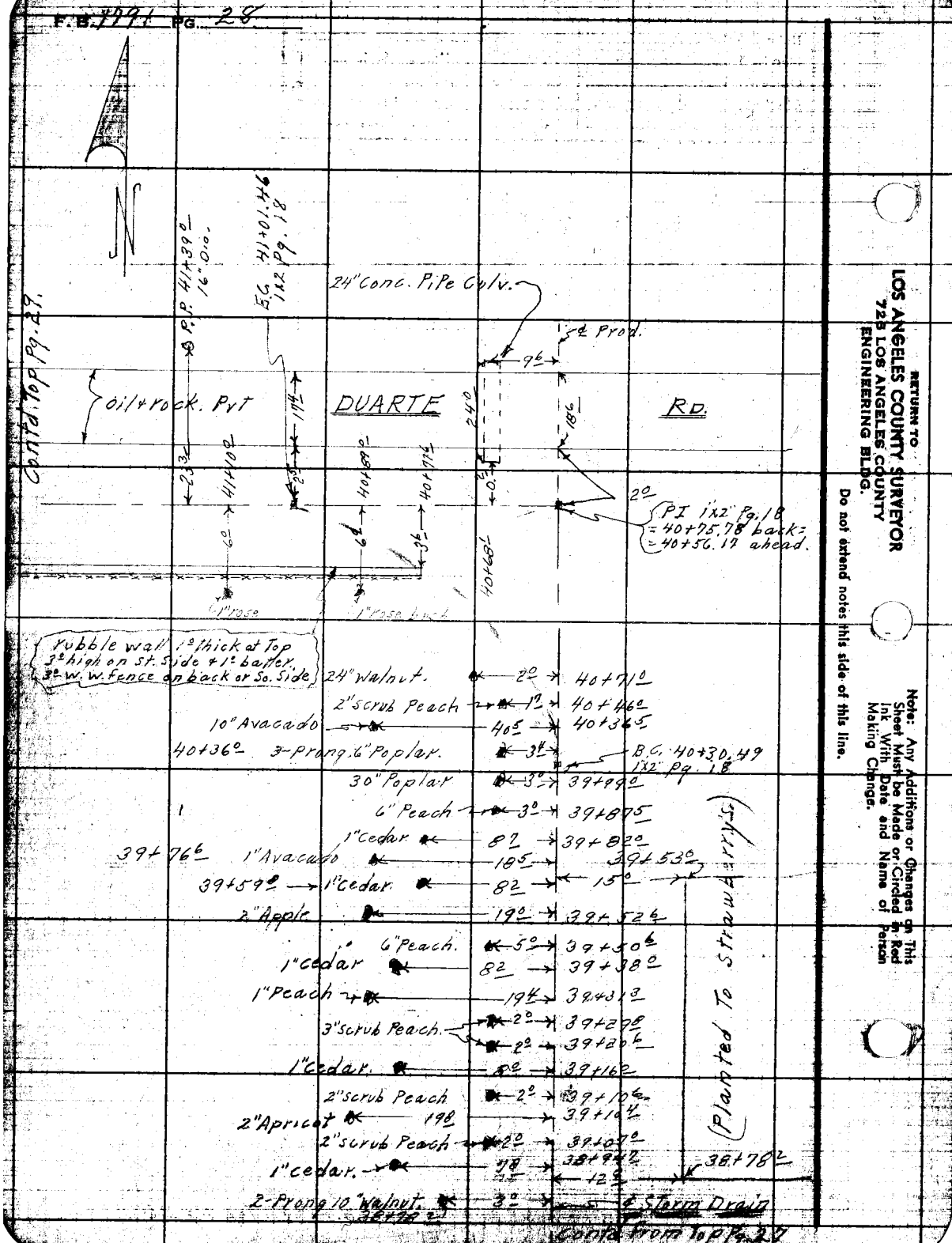
76F3095 247 2-51

F.B. 7991 PG. 28



RETURN TO
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72B LOS ANGELES COUNTY
ENGINEERING BLDG.

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Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of S.D. Project 1#30 "Duarte"
W.O. Maps No. Sta.
Surveyed by Holmes
Notes Holmes Date
Indexed C. Johnson

F.B. 1791 Pg. 29

41+78.5 — 14.7 — 26" Magnolia Tr.
42+0.0 — 9.8 — 3" shrub
42+20.5 — 15.0 — 28" magnolia Tr. 42+10.5
8" Wood Post set in conc. (4' high) for mail box. — 1.5 — 5' — end. offence. 42+22.0
42+22.5
1' Rubble wall foundation — 4' — 4.2 — 5.5 — Wood Plank bridge
42+41.5 — 2.2
2x6" Guard Post. — 42+65.7 — 2.5
42+88.9 — 2.5 — Rubble wall Cont'd.
RD.
10" I.D. Dia.
6.3 — 2H I.D. Conc. Std. Pipe 3' high 42+97.7
8" I.D. Dia. (heads N.W.)
19.5 — 3.1 — 43+13.0 — 43+13.9
3"x12" Plank. Retaining wall 3' high on So. Side with 6"x6" Post, set 4' ctrs. offset to St. side.
DUARTE (Gilstrock Rd.)
43+40.9
43+43.1 — H.H. — 31.4
43+44.5 — H.H. — 31.5
B.M. — 31.5
43+51.0 P.P. — 25.6
43+51.5 — 22.0
B.C. 43+31.88 1.12 Rg. 12
10" I.D. Dia. Conc. Pipe
14" I.D. Conc. Std. Pipe (2' high) 43+47.5
7.6
43+62.0
43+92.5 R.R.T.R. (20" diam.)
43+90.2 Steel post (R.R. Tiling Sign)
43+89.2 St. Sign Post (2" Pipe)
13.2
9.0
10.1
43+64.9
29.2
H.H.
43+90.5
43+71.8
42+67.7 (N. edge walk)
8.9
1.5 Rubble Wall
Conc. H.W. 4' high 8" thick at top.
Conc. Box Culv. Wood Cover & Gravel
Prod.
43+69.9
43+77.2
6.2
14.2
43+80.5
Conc. Wall
Conc. H.W.
E.C. 43+40.9
1.12 Rg. 12
Coeta Rd.
43+98.4
43+98.5
3-H.H.'s
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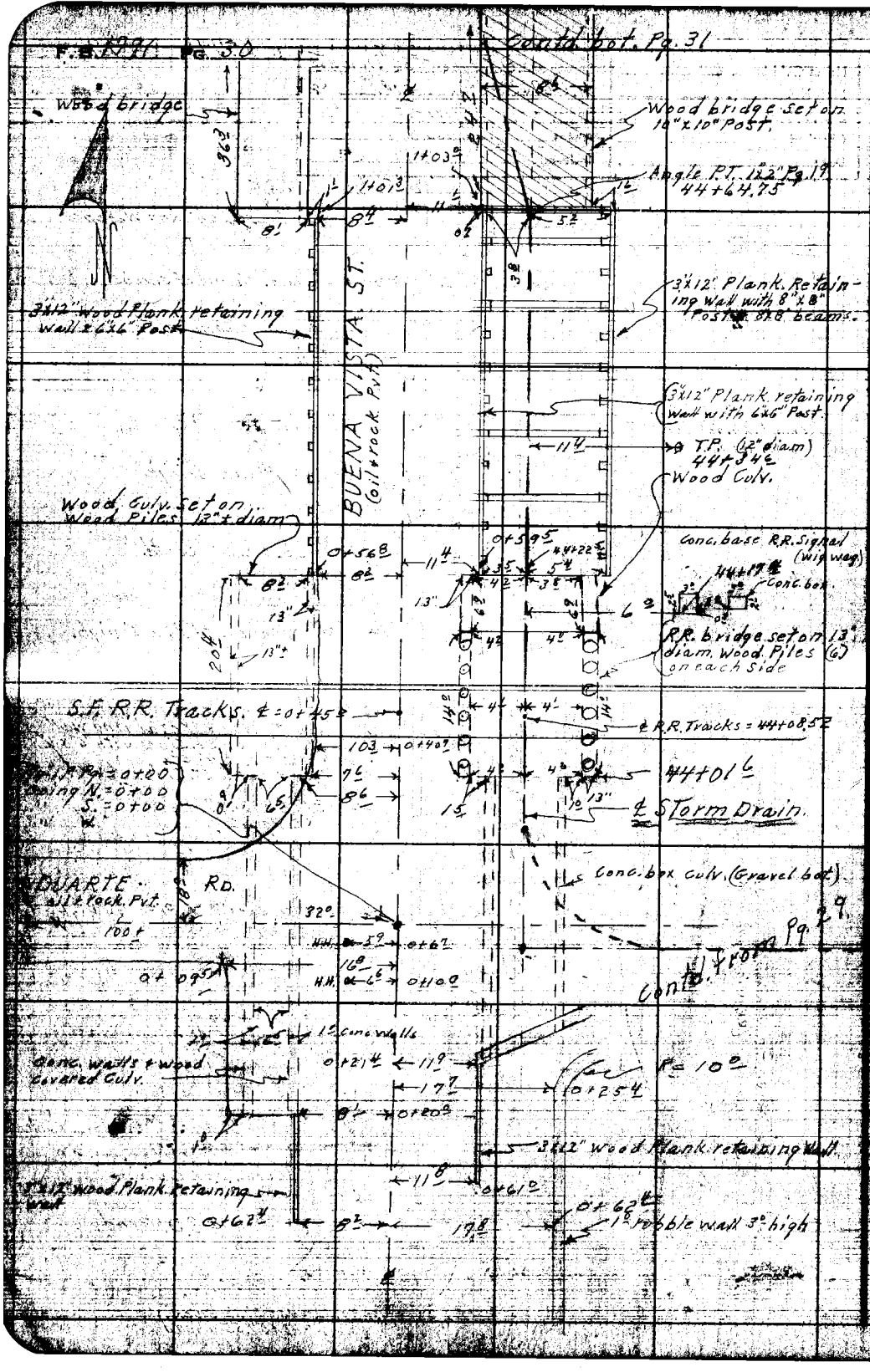

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725 LOS ANGELES COUNTY
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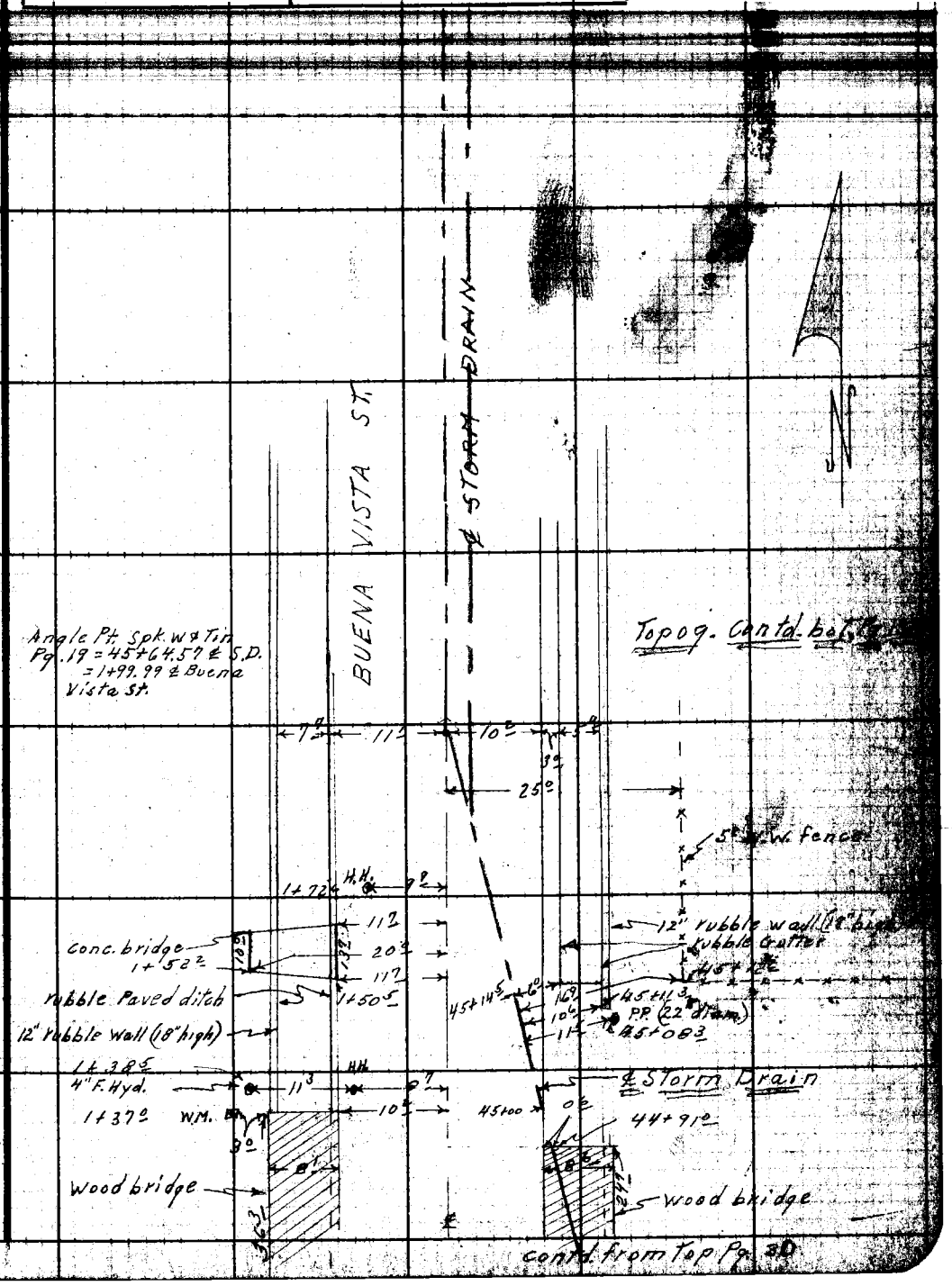
Notes Ck'd by	Survey of S.D. Project "30" Duarte
Map No.	W.O. 6925 Tape No. Std.
Office Work	Surveyed by Holmes
Checked	Notes Holmes Date
Date	Indexed C. Johnson

F.B. 1791 Pg. 31



contd. from Top Pg. 30

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76F3095 247 2-51

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F. B. 1741 PG. 32

Profile No. | Notes Red. Date | Plotted Date | Job No. | Division No. | F. B. 1791 | Pg. 33

Notes Chkd. Date | Checked Date | Survey of | Survey By

No. | Date | Date | Map No. | Indexed | Date 4-21-53

J.N. 6963

Storm Drain Project #30 Duarte

"Bench Levels"

From: Huntington Dr. & Buena Vista St. so. to the Vicinity of Buena Vista St. & Meridian St. and Return

B.M's averaged in lieu of adjustment circuit weak.

JS.

indexed 7-15-59

STATION	B. S.	H. I.	F. S.	ELEV.

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761.296 307 4-50

76L298 307 4-50

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. #11-14				510.819 ~~510.819~~	So. W. Cor. of Huntington Dr. & Buena Vista St. 22.8' So of ℄ of Huntington Dr. & 5' W. of Buena Vista St. in a well c/o Thru. Mo. Pub. & Protected by Cast Iron Cover marked C.S. Mon. Std. C.S. Mon. marked "B.M. #11-14 - 1952 RE #63 Set in Conc. 10" below surface of St. F.B. 1376-16 - 1952 adj - Elev. 510.819	
	2.051	512.870				
T.P. spk.			6.830	506.040		
T.P. spk	1.340	507.380	6.049	501.331		
" "	1.996	503.327	6.949	496.378	KK-1 ~~B.M. #~~ Elev. 493.024	F.B. 1791-34
B.M. #KK-1	2.148	498.526	5.503	~~493.023~~ 493.024	Buena Vista St. & Bloomdale St. 124' E. of Inter. (N. side)	
set-bt. spk					Bt. spk. in Lead Top of Cb.	
T.P. spk	4.392	497.415	8.115	489.300		
" "	2.100	491.400	7.166	484.234	KK-2 ~~B.M. #~~ Elev. 480.989	F.B. 1791-34
B.M. #KK-2	2.994	487.228	6.247	480.989 ~~480.981~~	Central Ave. & Buena St. 81' E. of inters. (N. side)	
set bt. spk					Bt. spk. in Lead Top of Cb.	
T.P. spk	3.932	484.913	6.164	478.749		
" "	2.268	481.017	7.365	473.652		
" "	1.881	475.533	6.939	468.603		
" "	2.591	471.124	7.660	463.534	KK-3 ~~B.M. #~~ Elev. 460.881	3 Ranch Rd. F.B. 1791-34
KK-3 ~~B.M. #~~	3.260	466.794	5.910	460.881 ~~460.884~~	Buena Vista St. & Dobson St. 75' W. of Inter. (N. side)	
set. Bt. spk.					Bt. spk. in Lead Top of Cb.	
T.P. spk	4.821	465.705	6.912	458.793		

Job No. 4-8-61 Drawn By Plotted
Sheet No. Date 7-30-61 Ent. No.
Survey of S. Tom Ohan Proj. #38 Dwg. No. X-Sec.
Survey by D.E.H. Notes A.R. Barlow Checked
Indexed C. Johnson Date Date No.

7ML298 207 4-60

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STATION	B. S.	H. I.	F. S.	ELEV.	
KK-4				458.793	KK-4
B.M. #4	4081	462.874	8120	454.793	B.M. #4 Elev. 454.793 FB 1791-[illegible]
					Buena Vista St & Duarte Rd 48' W of Inter. Ch. [illegible]
10' Pt spk					Pt spk in Lead Top of Cb
T.P. spk	6590	461.344	5.705	455.639	KK-5
KK-5				456.091	B.M. Elev. 456.091 FB 1791-3[illegible]
B.M. #5	4485	460.124	4.030		Hook E. of Buena Vista St & Duarte Rd 17' N of [illegible]
set RR spk					R.R. spk in N. side P.P. #217754-E (3[illegible])
T.P. [illegible]	3465	459.559	4.846	454.713	
T.P. [illegible]	3090	457.803	6.100	452.703	
KK-6				451.123	KK-6
B.M. #6	2.975	456.098	4.951		B.M. #6 Elev. 451.123 FB 179[illegible]
					586 ft. of ℄ Duarte Rd & 390' E of ℄ Buena Vista [illegible]
					Pt. spk in Lead S.W. Corner of Conc. Base of [illegible]
					(E. 53' of Stick Drain Sta. 8+[illegible])
T.P. [illegible]	4440	455.587	4.660	450.907	
T.P. [illegible]	3.705	454.612	6.190	448.422	
KK-7				449.131	KK-7
B.M. #7	5020	453.442	4.290	[illegible]	B.M. #7 Elev. 449.131 FB 1791-[illegible]
					[illegible] ft. of Duarte Rd 45' W of ℄ Buena Vista [illegible] 4' [illegible]
					R.R. spk [illegible] P.P. #[illegible] E (up 3")
				449.131	(up 1' W of [illegible])
		671			
T.P. [illegible]	4540	453.671	5.449	448.222	New Elev. [illegible] (Proposed)
		621		731	
	3.389	451.642	4.890	446.752	
KK-8		821			KK-8
B.M. #8	4090	450.821	3.658	[illegible]	B.M. #8 Elev. [illegible] FB 1791-[illegible]
				445.163	[illegible] 34+47 ft E of Buena St. 11' S of [illegible]
					[illegible] spk in Lead [illegible]
		715			
T.P. [illegible]	5.348	[illegible]	6.140	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	

No. Date Profile Notes Bad Date Plotted Date Job No. 1863 Section No. Date Survey of Section Line Map No. 1791 Sheet

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	
Set KK-9 B.M.	3410	444 287	3050	440 877	B.M. KK-9 Elev. 441.237 F.B. 1791-36 No. of ℄ of Meridian St. 26 M. E. 462' of ℄ Buena Vista St. Bt. spk. in Lead Top of S.E. Cor. of Conc. Water Trough (64' W. of Sta. 14+60)
T.P. 1x1	3900	445 137	6778	438 359	
Set " B.M. KK-10	4370	442 729	6317	436 412	B.M. KK-10 Elev. 433.162 F.B. 1791-36 No. of ℄ of Meridian St. 811' & 425' E. of ℄ Buena Vista St. Large Bt. spk. in (S. side) T.P. (3" up) (100' W. of Sta. 8+60)
T.P. 1x1	3110	439 822	6360	433	
Set. KK-11 B.M.	7090	440 252	5320	434 932	B.M. KK-11 Elev. 433.424 F.B. 1791-36 No. of ℄ of Meridian 483' & 427' E. of Top. Prod. ℄ Buena Vista St. Large Bt. spk. in (S. side) P.P. 900295-E. 2" up
T.P. 1x1	2488	437 430	3995	433	
B.M. KK-10	4045	437 470	2562	434 908	B.M. KK-10 Elev. 433.162 F.B. 1791-36 No. of ℄ of Meridian St. 811' & 425' E. of ℄ Buena Vista St. Large Bt. spk. in (S. side) T.P. (3" up) (100' W. of Sta. 8+60)
	5475	440 383	7220	433	
T.P. 1x1	8478	441 641	3645	437 996	
B.M. KK-9	5302	443 298	3645	438 653	B.M. KK-9 Elev. 441.237 F.B. 1791-36 No. of ℄ of Meridian St. 26 M. E. 462' of ℄ Buena Vista St. Bt. spk. in Lead Top of S.E. Cor. of Conc. Water Trough (64' W. of Sta. 14+60)
	5348	445 001	3764	441 237	
T.P. 1x1	2990	444 227	2920	441 307	
T.P. 1x1	5810	447 117	2830	444 287	
B.M. KK-8	4090	449 374	5208	445	B.M. KK-8 Elev. 445.168 F.B. 1791-35 Bolt in 12" S.E. Buttress 11' S. of Bottom Bt. spk. in Lead Top of Cb.
				445.168	

No. 296 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	
				169	
				445 ~~180~~	
		714		594	
T.P. IXI	6545	451 735	4120	447 615	
		726		748	
	5134	452 ~~940~~	3550	449 ~~190~~	Void 9/31/53
		818		774	KK-7
B.M. KK-7	4840	454 ~~939~~	4882	~~449 140~~	B.M. Elev. 449.131 F.B. 17[illegible]
				449 131	So. of ℄ Duarte Rd. 25 M. & E. of ℄ Buena Vista [illegible]
					R.R. spk. (E. side) P.P. # 9222 96-E. (up 1')
					(72' W. of Sta. 26+98)
		654		121	
T.P. IXI	4468	453 ~~625~~	5480	448 ~~142~~	
		301		489	
" "	6180	454 ~~322~~	3812	450 ~~518~~	KK-6
		534		~~129~~	.123
B.M. KK-6	5040	455 ~~555~~	4405	~~451 150~~	B.M. Elev. 451.~~129~~ F.B. 17[illegible]
				451.123	596 So. of ℄ Duarte Rd. & 370' E. of ℄ Buena Vista [illegible]
					B.R. spk. in lead S.W. Cor. of Conc. Base of Brick [illegible]
	Return	between	B.M. KK-6	& B.M. 7	& Return to North
				451.123	Sac Page 35
B.M. KK-6				~~451.127~~	B.M. Elev. 451.127 ~~see above line~~
T.P.	3968	455 095	3798	451 297	
	4220	455 517	5050	450 467	
	4127	454 594	5705	448 ~~889~~	
	3770	452 659	4240	448 ~~419~~	KK-7
B.M. KK-7	5115	453 534	4403	~~449 121~~ 449.131	B.M. Elev. 449.131 F.B. 17[illegible]
					So. of ℄ Duarte Rd. 25 M. & E. of ℄ Buena Vista [illegible]
T.P.	4429	453 560	5143	448 417	R.R. spk. (E. side) P.P. # 9222 96-E (up 1')
					(92' W. of ℄ Sta. 26+98)
"	4192	452 610	3730	448 ~~880~~	
	5648	454 548	4070	450 ~~468~~	
	5000	455 ~~458~~	4160	450 ~~348~~	

Profile Notes Bd. No. ____ Date ____ Date ____ Date ____ Date ____ Plotted ____ Date ____ Date ____ Date ____ Date ____ Survey of Sta. 26+98 Duarte Rd. Buena Vista Job No. 1842 Division No. 1781 Key No. ____ F.B. ____ Page 34

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	
				451 290	KK-6 B.M. Elev. 451.123 F.B. 1791-35
B.M. KK-6	3660	454 950	3 830	~~451 120~~ 451.123	586 So. of ℄ Duarte Rd & 390' E. of ℄ Buena Vista St. Bt. spk. in Lead S.W. Cor. of Cone. Base of Brick inverter. (E. 53± of Storm Drain Sta. 34+70)
T.P. 1X1	5445	456 565	4105	452 460	
" "	5117	457 577	4 274	453 303	
	5030	458 333	3505	454 828	KK-5 B.M. Elev. 456.091 F.B. 1791-35
B.M. KK-5	5505	460 333	4 245	456.091 ~~454 088~~	400' E of ℄ Buena Vista St & Duarte Rd 19' N. of ℄ Duarte Rd. R.R. spk. in N. side - P.P. # 717754-E. (3' up)
T.P. Nail	4 060	460 148	4 745	455 403	KK-4 B.M. Elev. 454.749 F.B. 1791-35
B.M. KK-4	5622	461 025	6 280	454.749 ~~454 745~~	Buena Vista St & Duarte Rd. 48' W. of Inter. (So. side) Bt. spk. in Lead Top of Cb.
T.P. nail	8 115	462 860	4 612	458 249	KK-3 B.M. Elev. 460.881 F.B. 1791-34
B.M. KK-3	7060	465 309	4 430	460.881 ~~460 879~~	Buena Vista St. & Dabon St. 75' W. of Inter (S. side) Bt. spk. in Lead Top of Cb
T.P. nail	5499	466 378	2 852	463 526	
" "	7505	471 031	2 436	468 601	
	7819	476 480	3 280	473 140	
	6830	479 [illegible]	2 847	477 123	KK-2 B.M. Elev. 480.989 F.B. 1791-34
B.M. KK-2	6 877	484 000	3 803	480.989 ~~480 979~~	Central Ave & Buena Vista St. 81' E. of Inter. (N. side) Bt. spk. in Lead - Top of Cb.
	6845	487 842	2 675	485 167	

F.B. 1791 Pg. 35 Job No. 4860 Division Re Notes Bk. Planted Profile No.
Survey of Storm Drain Project #30 Duarte Date Checked Date X-Sec. No.
Survey by D. E. Holmes, Notes A.R.B. Notes Chkd. Date
Indexed R. C. Fajardo Date

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STATION	B. S.	H. I.	F. S.	ELEV.	
				485 167	
	7110	492 277	1868	490 409	KK-1
B.M. KK-1	6410	496 819	3794	493.024 ~~492 025~~	B.M. KK-1 Elev. 493.024 F.B. 1791 - 22 Buena Vista St. & Bloomdale St. 124' E. of intersection Bt. spk. in lead top of cb.
T.P. 1X1	7051	500 076	1150	498 926	
" "	6351	505 277	2482	502 795	
" "	7137	509 932	1908	508 024	
B.M. #11-14	7285	515 309	4487	~~510 822~~ 510.819	So. W. Cor. of Huntington Dr. & Buena Vista St. 228.2' So. of E. of Huntington Dr. & 33' W. of Buena Vista St. 100' well out through the Pkt. & Prof. Level by Cent. iron Cover marked "C.S." Mon. Std. C.S. Mon. marked B.M. #11-14-1952 set in Conc. 10" below surface of St. F.B. 1376-16-1952 adj. Elev. 510.819

"Bench Levels" from Huntington Dr. & Buena Vista St., thence No. along Buena Vista St. to "Royal Oaks" & Return

B.M. #11-14				~~510 819~~	B.M. #11-14 Elev. 510.819 - see above
T.P. 1X1	6327	517 146	4168	512 978	
" "	7488	520 466	0462	520004	KK-12
B.M. KK-12	7286	527 290	5606	~~521 684~~ 521.684	B.M. KK-12 Elev. 521.684 F.B. 1791 - 31 Buena Vista St. & Sas. Mas. St. 38' Sth. of Int. Bt. spk. in lead top of cb.
	5537	527 221	3485	523744	

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6463 Division No. ____ Survey of Storm Drain Proj. #30 Quarts Map No. ____ F. B. 1791 PG. 39

Profile No. ____ Platted ____ Date ____ Checked ____ Date ____

X-Sec. No. ____ Notes Rec. ____ Date 3-

Notes Chkd. ____ Date ____

Job No. 68-2 Division No. ____ Notes ____ Date ____

Pg. 4/10

Survey of: Starn Drain Reg. No. Dwacto

Survey by: R.E.H. Notes: A.R.B.

Indexed: C. Johnson

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
				523 146	KK-13 B.M. #13 Elev 526.116	F.B. 1791-40
B.M. KK-13 #13	5514	529 260	3145	~~526 113~~ 526.116	196' No. of ℄ Ses-Mas St & W-20' of ℄ Buena Vista St. Bt. spk in Lead Top of Cb.	
T.P. Nail	6153	532 268	3188	529 080		
" "	7767	536 847	2011	534 836		
	7678	542 514	1480	541 034	KK-14 B.M. #14 Elev. 545.494	F.B. 1791-40
B.M. KK-14 #14	6827	547 861	2365	~~545 496~~ 545.494	Buena Vista & Royal Oak S.N. 23' of Inter. B.I. E. of ℄ Buena Vista St. Cut spk. in Conc. Face of E. Tunnel Pa	
T.P. Nail	2293	547 789	6753	541 536		
" "	1639	542 675	7903	534 772		
	1905	536 677	7593	529 084	KK-13 B.M. #13 Elev. 526.116	F.B. 1791-40
B.M. KK-13 #13	3194	532 278	6161	~~526 117~~ 526.116	196' No. of ℄ Ses-Mas St & W-20' of ℄ Buena Vista St. Bt. spk in Lead Top of Cb.	
	3155	529 272	5322	523 950	KK-12 B.M. #12 Elev 521.686	F.B. 39
B.M. KK-12 #12	3517	527 267	5578	~~521 689~~ 521.686	Buena Vista St. & Ses-Mas St. 72' W of Inter (S. side) Bt. spk in Lead Top of Cb.	
	4433	526 122	5630	520 492		
	1229	521 721	6822	514 899		
B.M. 11-14	7165	518 061	7243	~~510 818~~ 510.819	So. W. Cor. of Huntington Dr. & Buena Vista St. 32.0' So. of ℄ of Huntington Dr. 933' W. of Buena Vista St. in a well cut thru the Put & Protected by Cast iron Cover marked C.G. - S.F.C.S. Mon. Marke B.M. 11-14 1952 R.F. 403 Set in Conc. in Pave Surface S.S. - F.B. 1791-46 1952 Adj. Elev. 510.818	

Profile No.	Notes Red. Date	Plotted Date	Job No.	Division No.	F. B. 1791	Pg. 41
			Survey of Storm Drain Proj. #36 Duarte			
[redacted] No.	[redacted] Date	[redacted] Date	Survey by [redacted] Map No.	[redacted] Date 9-1-[redacted]		

JN 6913

STORM DRAIN PROJECT #36

BUENA VISTA ST. DUARTE

PROFILE & CROSS SECTIONS

STATION	B. S.	H. I.	F. S.	ELEV.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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STATION	B. S.	H. I.	F. S.	ELEV.		
BMKK-11				433 ~~425~~ 424	B.M. #11 Elev 433.~~425~~ 424	F.B. 1791-36
					No. of ℄ Meridian 483'	& 27' E of Tan Prod & Buena Vista
	445	437 88			Large Bt. spk in (S. side) P.P. #900295. E 3" up.	
0+36.55E = 0+00 No.			1180	42608		Top ℄ spk W&T.
" "			104	4275		6° Rt gr –
" "			120	4259	14 Lt. pvt.	
			124	4255	19 " cent. bot of of 4' stream	
			105	4274	30 " gr	
0+05			119	4260		℄ pvt. center of 3' stream
0+07			119	4260		℄ gr.
			119	4260		2 Rt
			1200	4259	2 Lt pvt.	
0+09			1203	42535	15 " Pvt	
0+20			1195	42593	11 " "	
"			1120	42[illegible]68	20 " gr.	
0+27			1189	42[illegible]99		℄ pvt.
"			1189	42599		1° Rt tow Slope
"			66	431[illegible]		9 " Top brk
"			1163	42[illegible]25	15 Lt pvt.	
"			104	42[illegible]	22 " gr.	
0+50			1150	42638		℄ pvt
"			1141	42647		3 - Rt pvt brk

F. B. 1791 Pg. 42
Job No. 6963 Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj. #30 Quarte Date No.
Survey by D.F.H. Notes A.R.B. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		437 88				
0+50			36	4343		15 Rt gr
"			11.13	42675	16 Lt pvt edge, Brk	
"			98	4281	23 " gr	
"			90	4289	29 " "	
0+75			11.23	42665		℄ pvt
"			11.08	42680		6' Rt. pvt, Brk
"			52	4327		15' " gr.
"			10.79	42709	15 Lt pvt, brb	
"			85	4294	30 " gr	
1+00			11.02	42686		℄ Pvt
			10.73	42715		9' Rt pvt, brk
			51	4328		18 " gr.
			10.58	42730	13 Lt pvt, brk	
			83	4296	30 " gr.	
0+00 going E.			82	4297	℄ Storm Drain	℄ Grd
			70	4309		2 Rt top dirt Bm
			96	4283		7 " bot brk
			88	4291		19 " gr
			105	4274	4 Lt brk	
			100	4279	[illegible]	

Profile No. ____ Date ____ Notes Red ____ Plotted ____ Date ____ Job No. 6963 Division No. ____ Survey of Storm Drain #3 Drafts

Notes Chkd ____ Checked ____ Survey by [illegible] Date ____ Map No. ____ Date ____

F. B. 1791 Pg. 43

76L298 307 4-50

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F. B. 1791 Pg. 44 Job No. Division No. Notes Red. Date Notes Chkd. Date Notes Date Plotted Date Checked Date Profile No. X-Sec. No.

Survey of
Survey by L. C. Johnson
Indexed

STATION	B. S.	H. I.	F. S.	ELEV.		
		437 88				
0+00			124	4255	10' Lt	bot Bank
			132	4247	15 "	center of 4' bot of existing Stream
			102	4277	25 "	gr
			95	4284	31 "	"
0+25			104	4275		℄ gr.
"			75	4304		5 Rt top brk.
"			95	4284		10 " bot "
			86	4273		19 " gr
			11 82	426 06	4 Lt	pvt & brk
			11 94	425 94	9 "	" edge
			125	4254	12 "	bot of existing stream
			124	4255	15 "	No. edge of stream
			11 8	4261	18 "	gr
			11 6	4263	20 "	"
			102	4277	25 "	"
			98	4281	31 "	"
0+36.55			11 80	426 08		℄ Top of C-spt in pvt
			102	4277		2' Rt gr
			95	4284		8' " end of Dirt Fill
			83	429[illegible]		19 " gr

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STATION	B. S.	H. I.	F. S.	ELEV.		
		437 88				
0+36 '55			11.94	425.94	5 Lt center of existing pvt & 2' Stream	
			11.99	425.89	18 " pvt	
			11.30	426.58	29 " gr - fill over Pvt. brk	
			8.9	429.0	38 " gr. brk	
0+38			11.97	425.91	7 - Lt pvt	
0+50			10.65	427.23		℄ 1X1
			10.9	427.0		2 Rt. so. edge of Stream
			8.4	429.5		19 " gr
			10.9	427.0	3 Lt. N. edge of Stream	
			8.7	429.2	9 " Top of br.	
			11.97	425.91	14.5 " brk & pvt	
			11.60	426.28	31 " Pvt	
0+65			10.7	427.2		℄ center 3' bot of [illegible] Stream
			8.6	429.3		8 Rt. gr brk
			7.7	430.2		19 " gr
			4.6	433.3	12' Lt Top brk gr - "fill"	
			11.62	426.26	23 - " pvt, brk	
0+76			10.0	427.9		℄ so. edge of Stream
			10.0	427.9		3 Rt N. " "
			4.6	433.3	12 Lt brk gr.	

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 65
No. ____ Date ____ Date ____ Survey of Storm Drain Proj #30 Diarte
Notes Chkd ____ Checked ____ Survey by ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		437 88				
0+76			35	4344	16 Lt Top brk.	
" "			58	4321	25 " "	
			44.	4265	34 " bot brk.	
0+80			94	4285	6 " gr.	
1+00			99	4280		℄ gr.
"			95	4284		1 Rt. so. edge of Stream
"			82	4297		12 " gr
			76	4303		19 " gr.
			97	4282	6' Lt N-edge of stream	
			86	4293	18 " gr.	
			77	4302	31 " "	
1+50			88	4291		℄ gr.
			79	4300		8 Rt. brk gr.
			71	4308		19 " "
			94	4285	3' Lt s. edge of Stream	
			93	4286	6 " N " "	
			88	4291	12 " gr. Brk	
			73	4306	23 " "	
			70	4309	31 " "	
2+00			73	4306		℄ 1x1

F. B. 7791 Pg. 46
Job No. Division No. Notes Red. Plotted Profile
Survey of Date Date No.
Survey by Notes Chkd. Checked X-Sec.
Indexed E. C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		437 88				
2+00			70	430 9		10 Rt gr
			62	431 7		19 " "
			73	430 6	10 Lt. brk gr	
			85	429 4	20 " So edge of Stream	
			85	429 4	26 " N. " "	
			62	431 7	37 " " gr	
2+50			66	431 3		℄
			63	431 6		10 Rt gr
			57	432 2		19 " "
			67	431 2	15 Lt	
			69	431 [illegible]	31 "	
3+00			61	431 8		℄
			58	432 1		10 Rt gr
			51	432 8		19 " "
			64	431 5	15 Lt	
			56	432 3	31 "	
TP 1X1			553	432 35		
	715	439 50				
3+50			72	432 3		℄
			72	432 3		10 Rt

Profile Notes Red. Plotted Job No. 6963 Division No. F. B. 1791 Pg. 47
No. Date Date Survey of Storm Drain Proj. #30 Quarte
Notes Chkd. Checked Survey by [illegible]
No. Date Date Map No. Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		43950				
3+50			72	433 3		19 Rt gr
			71	433 4	15 Lt gr	
			65	433 3	31 "	
4+00			73	432 2		℄ 1 x 1
			69	432 6		10 Rt
			60	433 5		19 "
			69	432 2	15 Lt gr	
			68	432 7	31 "	
4+50			66	432 9		℄ 1 x 1
			63	433 2		10 Rt gr
			60	433 5		19 " "
			66	432 9	15 Lt gr	
			64	433 1	22 " " brk	
			57	433 8	31 "	
5+00			62	433 3		℄
			59	433 6		10 Rt gr
			59	433 6		16 " "
			55	434 0		19 " "
			59	433 6	15 Lt gr	
			61	433 4	36 " "	

F. B. 1791 Pg. 48
Job No. 6963 Division No. ___ Notes Red. ___ Plotted ___ Profile ___
Survey of Storm Drain Proj. #30 Quarte Date ___ Date ___ No. ___
Survey by D.E.H. Notes A.R.B. Notes Chkd. ___ Checked ___ X-Sec. ___
Indexed E. C. Johnson Date ___ Date ___ Date ___ No. ___

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STATION	B. S.	H. I.	F. S.	ELEV.		
		439.50				
5+00			51	434.4	35 Lt gr	
5+50			60	433.5		℄ 1x1
			59	433.6		10 Rt gr
			59	433.6		19 " "
			56	433.9	15 Lt gr	
			57	433.8	31 " gr	
6+00			56	433.9		℄ 1x1
			57	433.8		10 Rt gr
			57	433.8		19 " "
			52	434.3	10 Lt gr	
			[illegible]	434.2	20 " "	
			[illegible]	534.4	31 " 434.4	
6+50			48	434.7		℄ 1x1
			51	434.4		10 Rt gr
			50	434.5		19 " "
			43	435.2	15 Lt gr	
			42	435.3	31 " "	Begining
B.C. 6+82.07			45	435.0		℄ 1x2 Elev tabulated ally
			48	434.7		10 Rt gr
			46	434.9		19 " "

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 49
No. ____ Date ____ Date ____ Survey of Storm Drain Proj. Azalearte
Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Sid. Col. Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		439 50				
B.C. 6+82.07			42	4353	15 Lt gr	
			45	4350	31 " "	
7+00			43	4352		℄ 1X1
			46	4349		10 Rt gr
			46	4349		19 " "
			41	4354	15 Lt. gr.	
			43	4352	31 " "	
7+50			42	4353		℄ 1X1
			45	4350		10 Rt gr
			49	43[illegible]		19 " "
			36	43[illegible]	15 Lt gr	
			35	4360	31 " "	
T.P. 1X1			352	43598		
	515	441 13				
8+00			48	4363		℄ 1X1
			48	4363		10 Rt gr
			53	4358		19 " "
			55	4356	15 Lt gr	
			62	4349	31 "	
B.M. KK-10			798	43315	B.M. KK-10 Elev. 433.162 Pg-36. Lr. Bt spk in (s-side) T.P. 3" up (100± W of Sta 8+60)	

F.B. 1791 Pg. 50

Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Date ____ Date ____ No. ____
Survey of ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec. ____
Survey by C. Johnson Date ____ Date ____ No. ____
Indexed ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
B.M # ~~10~~ KK-10				433 16	Elev. 433-16 pg. 36	
	796	441 12				
8+50			54	4357		℄ 1x1
"			54	4357		10 Rt gr
"			57	4354		19 " gr
			56	4355	15 Lt	
			61	4350	31 "	
EC 8+64.20			53	4358		℄ 1x2
			54	4357		10 Rt gr
			55	4356		19 " "
			52	4359	15 Lt gr	
			61	4350	31 " "	
9+00			51	4360		℄ 1x1
			51	4360		10 Rt gr
			49	4362		19 " "
			54	4357	15 Lt	
			57	4354	31 "	
9+40			42	4369		℄ Brk
9+50			47	4364		℄ 1x1
			40	4371		10 Rt Brk
			40	4371		19 " "

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 51
No. ____ Date ____ Date ____ Survey of Storm Drain Proj #30 Duarte
Notes Chkd ____ Checked ____ Survey by [illegible]
No. ____ Date ____ Date ____ Map No. ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
9+50		441 12				
			50	4361	7 Lt gr	
			46	4365	11 " "	
			46	4365	22 " "	
			52	4359	27 " "	
			50	4361	31 " "	
9+77			44	4367		℄ gr
9+85			35	4376		℄ "
10+00			32	4379		℄ 1x1
			32	4379		10 Rt
			31	4380		19 "
			33	4378	15 Lt gr	
			33	4378	30 " "	
10+50			29	5382	438.2	℄ 1x1
T.P.			291	438.21		
10+00	530	443 51				
"			51	5384		10 Rt gr
"			49	4386		19 " "
			56	4379	15 Lt "	
			60	4375	31 "	
11+00			55	5380	438.0	℄ 1x1

F. S. 1791 PG. 52

Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of ____ Date ____ Date ____ No. ____

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		443 51				
11+00			53	5382		10 Rt gr.
			52	4383		19 " "
			57	4388	20 Lt gr	
			70	4365	31 " "	
11+34			65	4370		℄ gr.
			56	4379		10 Rt gr.
			53	4382		19 " " ?
			64	4371	9 Lt gr	
			56	4379	17 " "	
			31	4404	20 " "	
			56	4379	31 Lt gr	
11+45			50	4385		℄ gr.
11+50			49	4386		
			52	4383	6 Rt Br	6 Rt gr
			62	4373		21 " "
			52	4383	15 Lt gr	
			53	4382	31 "	
11+80			48	4387		℄ gr.
"			53	4382	20 Lt Top Brk	
"			74	4361	39 " bot "	

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 53
No. ____ Date ____ Date ____ Survey of Stevens Drain Pry Pac Dwarfs
Notes Chkd ____ Checked ____ Survey by D.F.H. [illegible]
No. ____ Date ____ Date ____ Map No. ____ Rod [illegible] Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		443 51				
11+90			52	4383		℄ Top of Brk
11+94			65	4370		℄ bot " "
12+00			67	4368		℄ 1X1
"			62	4373		11 Rt Bot of Brk
"			56	4379		15 " Top " "
"			69	4366	15 Lt gr	21 " gr
"			68	4367	31 " "	
12+50			53	4382		℄ 1X1
			55	4380		10 Rt gr
			55	4380		19 " "
			52	4383	15 Lt gr	
			54	4381	31 " "	
12+75			47	438[illegible]		℄ gr
			46	4387	19 Lt Top of Bank	
			65	4370	26 " bot " "	
			61	437[illegible]	31 " gr	
13+00			41	43[illegible]		℄ 1X1
			40	43[illegible]		10 Rt gr
			42	43[illegible]		19 " "
			48	43[illegible]	8 Lt brk	

F. B. 1791 Pg. 54
Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of ____ Date ____ Date ____ No. ____
Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed ____ Date ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		443 51				
13+00			56	4379	16 Lt bot Brk	
			48	4387	22 " "	
			52	4383	31 "	
13+50			32	4403		℄ 1X1
			31	4404		10 Rt
			31	4404		19 "
			36	4399	13 Lt Brk	
			32	4403	28 " "	
			32	4403	31 "	
T.P-1X1			267	44084		
	464	44548				
14+00			44	4411		℄
			43	4412		10 Rt
			41	1414		19 "
			47	4408	15 Lt	
			46	4409	31 "	
14+25			48	4407		℄ Brk Bot
			48	4407		10 Rt
			47	4408		19 "
			49	4406	7 Lt	

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 55
No. ____ Date ____ Date ____ Survey of Storm Drain Proj #30 Duarte
Notes Chkd. ____ Checked ____ Survey by ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Made by Johnson Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		445 48				
14+25			44	441 1	17 Lt brk	
			47	440 8	31 " "	
14+28			44	441		℄ Brk
14+35			41	441 4		℄ "
			34	442 1		14 Rt
			35	442 0		19 "
14+50			42	441 3		℄ 1x1
			39	441 6		10 Rt
			35	442 0		19 "
			39	441 6	15 Lt	
			46	440 9	31 "	
15+00			46	440 9		℄ 1x1
			45	441 0		10 Rt
			44	441 1		19 "
			48	440 7	15 Lt	
			49	440 6	27.2 Top of abandon conc Irrg Pipe	
			51	440 4	31 Lt	
15+50			45	441 0		℄ 1x1
			42	441 3		10 Rt
			41	441 4		19 "

F. B. 1791 Pg. 56 Job No. 6963 Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj #30 Quarter Date 3-25-53 Date No.
Survey by D.E.H. Notes A.R.B. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		445 48				
15+50		–	4 7	440 8	15 Lt	
			4 8	440 7	25 "	
			5 0	440 5	31 "	
16+00			4 0	441 5		℄ 1x1
			3 8	441 7		10 Rt
			4 1	441 4		19 "
			4 5	441 0	7 Lt brk	
			3 9	441 6	16 " "	
			3 7	441 8	24 " "	
			4 2	441 3	31 "	
16+20			3 8	441 7		℄
			4 3	441 2		10 Lt
			3 8	441 7		17 "
			3 9	441 6		31 "
16+50			3 2	442 3		℄ 1x1
			3 1	442 4		10 Rt
			2 7	442 8		19 "
			3 3	442 2	15 Lt	
			3 7	441 8	28 4 " top of abandon 1 sq Line	
			3 9	441 6	"	

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 57
No. ____ Date ____ Date ____ Survey of [illegible] Proj #30 Quarte
Notes Chkd ____ Checked ____ Survey by [illegible]
No. ____ Date ____ Date ____ Map No. ____ Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		445 48				
17+00			26	442 9		℄ 1X1
			27	442 8		10 Rt
			25	443 0		19 "
			30	442 5	15 Lt.	
			28	442 7	30 3/4" Top of abandon Conc Irrg Line	
			28	442 7	31 "	
17+42			33	442 2		℄ Rock Pile
			24	443 1		19 Rt.
			34	442 1	13 Lt brk	
			41	441 4	31 " "	
			305	442 43		
	600	448 43				
17+00			53	443 1		℄ rocks
50-?			55	442 9		10 Rt rock fill
			55	442 9		19 " edge " "
			51	443 3	12 Lt	
			73	441 1	19 " edge of rock fill	
			79	440 5	31 "	
17+70			53	443 1		℄ rock fill
			57	442 7		19 Rt " "

F. B. 1791 Pg. 58
Job No. 6963 Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj. #30 Duarte Date 3-25-53 Date No.
Survey by D.E.H. Notes A.R.B. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		448 43				
17+70			45	4439	20 Lt edge of Rock fill Brk	
			90	4394	31 " bot	"
18+00			60	4424		℄ rock fill
18+00			62	4422		10 Rt "
			53	4431		19 " "
			57	4427	15 Lt edge of Rock fill Brk	
			76	440,8	24 " bot	"
			64	4420	31 " Top	"
18+50			59	4425		℄ 1X1
			53	4431		10 Rt
			52	4432		19 "
			60	4424	15 Lt	
			57	4427	22 " brk	
			49	4435	31 "	
19+00			54	4430		℄ 1X1
			53	4431		10 Rt
			52	4432		19 "
			52	4432	15 Lt	
			52	4432	31 "	
19+50			43	4441		℄ 1X1

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 39
No. ____ Date ____ Date ____ Survey of Chicago Drain Proj #30 Quarter
Notes Chkd. ____ Checked ____ Survey by [illegible]
No. ____ Date ____ Date ____ Map No. ____ Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		448 43				
19+50			44	4440		10 Rt
			43	4441		19 "
			43	4441	15 Lt	
			45	4439	31 "	
20+00			36	4448		℄ 1X1
			37	4447		10 Rt
			35	4449		19 "
			39	4445	15 Lt	
			39	4445	31 "	
20+50			20	4464		℄ 1X1
			24	4460		10 Rt
			28	4456		27 "
			32	4452	15 Lt	
			27	4457	31 "	
21+00 T.P. 1X1		451.14	239	44604		
	512.	50[illegible] 16				
21+00			51	4461		℄ 1X1
			50	4462		10 Rt
			51	4461		19 "
			52	4460	15 Lt	

F. B. 1791 Pg. 60 Job No. 6963 Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj. #30 Date 3-25-53 Date No. X-Sec.
Survey by D.E.H. Notes A.R.B. Notes Chkd. Checked
Indexed [illegible] Date Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		551.16				
21+00			51	446.1	31 Lt	
21+50			48	546.4	446.4	℄ 1x1
			48	446.4		10 Rt
			47	447.5		19 "
			50	446.2	15 Lt	
			52	446.0	31 "	
B.M. ~~8~~ KK-8			6.01	445.15	B.M. #8 Elev 445.~~167~~ .168 pg 35	
B.M. #8				445.17		
	6.39	451.56				
22+00			49	446.7		℄ gr
			49	446.7		10 Rt
			47	446.9		19 "
			52	446.4	15 Lt	
			53	446.3	31 "	
22+50			47	446.9		℄ 1x1
			46	447.0		10 Rt
			44	447.2		19 "
			48	446.8	15 Lt	
			49	446.7	31 "	
23+00			47	446.9		℄ 1x1

Profile Notes Red. Plotted Job No. 6963 Division No. V F.B. 1791 Pg. 61
No. Date Date Survey of Storm Drain Proj. #3 Quarter
Notes Circled Checked Survey by
No. Date Date Map No. Date

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		45156				
23+00			48	4468		10 Rt
			46	4470		19 "
			48	4468	15 Lt	
			46	4470	31 "	
23+50			44	4472		℄ 1x1
			44	4472		10 Rt
			44	4472		19 "
			45	447[illegible]	15 Lt	
			45	447[illegible]	31 "	
24+00			41	4475		℄ 1x1
			40	4476		10 Rt
			39	4477		19 "
			41	4475	15 Lt	
			42	4474	31 "	
24+50			35	4481		℄ 1x1
			35	448[illegible]		10 Rt
			35	448[illegible]		19 "
			38	4478	15 Lt	
			38	4478	31 "	
25+00			32	448[illegible]		℄ 1x1

F. B. 1791 Pg. 62 Job No. 6963 Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj. #30 Quarte Date Date No. X-Sec.
Survey by D.E. Holmes Notes A.R.B. Notes Chkd. Checked
Indexed [illegible] Date Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		451 56				
25+00			33	448 3		10 Rt
			30	448 6		19 "
			35	448 1	15 Lt	
			35	448 1	31 "	
T.P. 1x1			284	448 72		
	584	454 56				
25+50			58	448 8		℄ 1x1
			61	448 5		10 Rt
			58	448 8		19 "
			58	448 8	15 Lt	
			60	448 6	29 " Brk	
			61	448 5	31	
26+00			54	449 2		℄ 1x1
			55	449 1		10 Rt
			54	449 2		19 "
			57	448 9	15 Lt	
			56	449 0	26 " brk	
			53	449 3	31 "	
26+50			51	449 5		℄ 1x1
			52	449 4		10 Rt

Profile Notes Red ____ Plotted ____ Job No. 6863 Division No. ____ F. B. 1791 Pg. 63

No. ____ Date ____ Date ____ Survey of Storm Drain Proj #30 Quarter

Notes Chkd ____ Checked ____ Survey by ____

No. ____ Date ____ Date ____ Map No. ____ Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		454 56				
26+50			51	449 5		19 Rt
			53	449 3	15 Lt	
			53	449 3	22 " brk	
			52	449 4	31 "	
B.C. 27+00.97			52	449 4	Note:-Begining Elev.	℄ Top of 1x2
" "			48	449 8	taken Radially	℄ gr. brk
			42	450 4		10 Rt "
			43	450 3		19 " "
			50	449 6	15 Lt brk	
			56	449 0	31 " brk	
27+07			60	448 6		℄ bot brk
			58	448 8		10 Rt " "
			57	448 9		19 " " "
			60	448 6	15 Lt bot. brk	
			61	448 5	31 " "	
B.M KK-7			544	449 12	B.M KK-7 Elev 449.131 pg. 37	
				449 13		
	447	453 60				
27+50			38	449 8		℄ 1x1
			41	449 5		10 Rt

F. B. 1791 PG. 64
Job No. 6963 Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj. #30 Quarto Date Date No. X-Sec.
Survey by D.E.H. Notes A.R.B. Notes Chkd. Checked
Indexed C. Johnson Date Date Date No.

76L298 307 4-50

[illegible] TO
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726 LOS ANGELES COU[illegible] ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		453.60				
27+50			41	449.5		19 Rt.
			43	449.3	15 Lt	
			44	449.2	31 "	
28+00			42	449.4		℄ 1X1
			41	449.5		10 Rt
			41	449.5		19 "
			44	449.2	15 Lt	
			45	449.1	31 "	
28+50			45	449.1		℄ 1X1
			44	449.2		10 Rt
			43	449.3		19 "
			48	448.8	15 Lt	
			49	448.7	31 "	
29+00			46	449.0		℄ 1X1
			45	449.1		10 Rt
			44	449.2		19 "
			49	448.7	15 Lt	
			51	448.5	31 "	
P.R.C. 29+21.53			53	448.3		℄ Top 1X2
			47	448.9		℄ gk

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F.B. 1791 Pg. 65
No. ____ Date ____ Date ____ Survey of Storm Drain Proj #30 Quarte
Notes Chkd ____ Checked ____ Survey by [illegible]
No. ____ Date ____ Date ____ Map No. ____ Date ____

F. B. 1791 Pg. 66 | Job No. 6963 Division No. | Notes Red. | Plotted | Profile No.
Survey of Storm Drain Proj. #30 Quarts | Date | Date | X-Sec. No.
Survey by D.E.H. | Notes A.R.B. | Notes Chkd. | Checked
Indexed L. C. Johnson | Date | Date | Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		453.60				
29+21.53			45	449.1		10 Rt
			44	449.2		19 "
			47	448.9	15 Lt	
			50	448.6	31 "	
29+50			45	449.1		℄ 1x1
			45	449.1		10 Rt
			40	449.6		19 "
			47	448.9	15 Lt	
			50	448.6	31 "	
T.P. 1x1			49.7	448.63		
	6.53	455.16				
30+00			56	449.6		℄ 1x1
			53	449.9		10 Rt
			53	449.9		19 "
			57	449.5	15 Lt	
			61	449.1	31 "	
30+50			51	450.[illegible]		℄
			51	450.1		10 Rt
			49	450.3		19 "
			54	449.8	15 Lt	

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STATION	B. S.	H. I.	F. S.	ELEV.		
		45516				
30+50			54	4498	23 Lt brk	
			63	4489	25 " "	
			64	4488	31 "	
31+00			53	4499		℄ 1x1
			50	4502		10 Rt
			48	4504		19 "
			49	4503	3 Lt brk	
			57	4495	7 " "	
			65	4487	9 " "	
			67	4485	15 "	
			71	4481	31 "	
EC. 31+30.64			56	4496		℄ Top 1x2
			48	4504		℄ gr
			49	4503		10 Rt
			48	4504		19 "
			49	4503	2 Lt brk	
			67	4485	8 " "	
			70	4482	15 "	
			74	4478	31 "	
31+50			44	4508		℄ 1x1 brk

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F. B. 6963 Pg. 67
No. ____ Date ____ Date ____ Survey of Storm Drain Proj #30 Quarte
Notes Chkd ____ Checked ____ Survey by [illegible]
No. ____ Date ____ Date ____ Map No. ____ Side of Johnson Dr.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		45516				
31+50			50	4502		3 Rt bot brk
			48	4504		10 "
			47	4505		19 "
			69	4483	7 Lt	
			70	4482	15 "	
			73	4479	31 "	
32+00			44	4508		℄ 1x1
			45	4507		10 Rt
			42	4510		19 "
			43	4509	2 Lt	
			61	4491	6 "	
			68	4484	9 "	
			69	4483	15 "	
			70	4482	31 "	
32+50			38	4514		℄ 1x1
			43	4509		5 Rt
			41	4511		10 "
			42	4510		19 "
			33	4519	2 Lt brk	
			37	4515	4 " "	

F. B. 9791 Pg. 68
Job No. 6963 Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj #30 Duarte Date Date No.
Survey by D.E.H. Notes A.R.B. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		455 16				
32+50			5 8	449 4	9 Lt bot brk	
			5 8	449 4	15 "	
			6 3	448 9	31 "	
T+P PXI			1 93	453 23		
	1 52	454 75				
33+00			1 9	452 9		℄ rock Pile
			2 0	452 8		3 Rt " "
			3 8	451 0		6 " brk
			3 7	451 1		19 "
			2 9	451 9	6 Lt	
			4 9	449 9	12 "	
			5 7	449 1	31 "	
33+50			2 1	452 7		℄ Rock Pile
			3 8	451 0		5 Rt brk
			4 6	450 2		10 "
			4 5	450 3		19 "
			2 1	452 7	3 Lt brk	
			6 1	448 7	14	
			6 7	448 1	31 " Begin. sand Fill	
33+60			1 7	453 1		℄ Rock fill

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F. B. 1791 Pg. 69
No. ____ Date ____ Date ____ Survey of Storm Drain Proj #30 Quarte
Notes Chkd. ____ Checked ____ Survey by [illegible]
No. ____ Date ____ Date ____ Map No. ____ Johnson Date ____

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F. B. 1791 Pg. 70' Job No. Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj #30 Duarte Date Date No.
Survey by D.E.H. Notes A.R.B. Notes Chkd. Checked X-Sec.
Indexed L. C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		454.75				
33+60			29	451?	7 Lt brk	
			55	4493	14 " "	
			45	4503	31 " Top sand Fill	
34+00			16	4532		℄ 1x1 brk
			39	4509		4 Rt "
			51	4497		12 "
			48	4500		19 "
			18	4530	2 Lt brk fill	
			45	4503	7 " "	
			56	4492	15 "	
			40	4508	24 sand Pile Av.	
			40	4508	31 " " " "	
34+20			28	4520		℄ brk
			28	4520		2 Rt brk
			44	4504		7 " "
			46	4502		12 "
			46	4502		19 "
			59	448?	8 Lt brk	
			54	4494	17 "	
			42	4506	31 " sand Pile Av.	

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		454.75				
34+30			43	4505		℄ fill
			53	4495		7 Lt "
			59	4489		15 " "
			63	4485		31
34+50			43	4505		℄
			48	4500		13 Rt
			46	4502		19 "
			43	4505	4 Lt brk begin-dirt Pile	
			30	4518	15 " Top " "	
			58	4490	31 " bot " "	
34+56			43	4505		℄ Top of Conc Slab Block
34+62			43	4505		℄ " " "
			43	4505	6 Lt brk	
			17	4531	15 " Top of dirt Pile	
			20	4528	24 " " "	
			51	4497	36 bot " "	
34+77			45	4503	16 " end of " "	
35+00			38	4510		℄ 1x1
			39	4509		10 Rt
			38	4510		19 "

Profile Notes Red. ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 71
No. ____ Date ____ Date ____ Survey of Storm Drain Proj #30 Quarter
Notes Chkd ____ Checked ____ Survey by ____ Indexed ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		454.75				
35+00			40	4508	15 Lt	
			47	4501	31 "	
B.M. ~~#6~~ KK-6			366	451.09	BM#6 Elev 151.~~127~~ 123 pg-35	
B.M. ~~#X~~ KK-6				451 ~~13~~ 12		
	563	456.76 +01 OK				
35+25			52	4516		℄ Top of conc Slab (2" Thick)
35+50			52	4516		℄ 1X1
			53	4515		10 Rt
			53	4515		14 " W-edge of Bldg.
			53	4515	15 Lt	
			61	4507	31 "	
36+00			48	452[illegible]		℄ 1X1
			47	45[illegible]		10 Rt
			45	452[illegible]		19 "
			49	4519	15 Lt	
			57	4511	31 "	
36+50			40	4528		℄ 1X1
			40	4528		10 Rt
			41	4527		19 "
			47	4521	8 Lt	

F. S. 1791 Pg. 72 Job No. 6963 Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj #30 Quarte Date Date No. X-Sec.
Survey by D.E.H. Notes A.R.B. Notes Chkd. Checked
Indexed C. Johnson Date Date No.

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		456 76				
36+50			38	453 0	14 Lt brk	
			49	451 9	20 " "	
			50	451 8	31 "	
T.P. 1X1			412	452 64		
	483	457 47				
37+00			48	452 7		℄ 1X1
			48	452 7		10 Rt
			46	452 9		19 "
			49	452 6	8 Lt	
			46	452 9	13 "	
			60	451 5	19 "	
			65	451 0	31	
37+50			45	453 0		℄ 2X1
			45	453 0		10 Rt
			45	453 0		19 "
			44	453 1	5 Lt brk	
			55	452 0	8 " "	
			45	453 0	13 "	
			60	451 5	18 "	
			62	451 3	31 "	

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 73
No. ____ Date ____ Date ____ Survey of Storm Drain Proj. #30 Quarte
Notes Chkd. ____ Checked ____ Survey by ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		457 47				
38+00			43	453 2		℄ 1X1
			46	452 9		10 Rt
			44	453 [illegible]		19 "
			51	45[illegible]	7 Lt brk	
			44	453 1	12 " "	
			55	452 0	21 " "	
			57	451 8	31 "	
38+50			42	453 3		℄ 1X2
			38	453 7		℄ 9 Rt
			47	452 8		6 Rt
			42	453 3		19 "
			39	453 [illegible]	2 Lt brk	
			49	452 6	6 " "	
			50	452 5	22 "	
			52	452 3	31 "	
T.P. 1X1			417	453 30		
	529	458 59				
39+00			50	453 6		℄
			53	453 3		10 Rt.
			50	453 6		19 "

F. B. 1791 Pg. 74 Job No. 6963 Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj. #30 Quartz Date Date No.
Survey by O.E.H. Notes A.R.B. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		458 59				
39+00			48	453.8	2 Lt. brk.	
			55	453.1	4 " b-"	
			56	453.0	15 "	
			56	453.0	31 "	
39+50			48	453.8		℄ 1x1
			51	453.5		10 Rt
			49	453.7		19 "
			56	453.0	6 Lt brk	
			56	453.0	15 "	
			54	453.2	31 "	
40+00			46	454.0		℄ 1x1
			50	453.6		6 Rt brk
			48	453.8		19 "
			49	453.7	6 Lt brk	
			55	453.1	15 "	
			56	453.0	31 "	
B.C. 40+30	49		53	453.3		℄ 1x2
			44	454.2		℄ gr
			48	453.8		6 Rt
			47	453.9		19

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 6963 Pg. 75
No. ____ Date ____ Date ____ Survey of Storm Drain Proj. #30 Quartz
No. ____ Date ____ Date ____ Map No. ____ Date ____

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		458 59			Note Begin. Elev. taken Radially	
40+30.49			46	4540	4 Lt brk	
			50	4536	7 " "	
			53	453[illegible]	15 "	
			55	45[illegible]	31 "	
4+40			44	45[illegible]		℄ 1x1
4+50			45	45[illegible]		℄ 1x1
			43	454[illegible]		4 Rt brk
			47	45[illegible]		11 " "
			46	454[illegible]		19 "
			42	45[illegible]	4 Lt	
			40	45[illegible]	6 "	
			52	453[illegible]	15 "	
			51	453[illegible]	31 "	
40+60			42	45[illegible]		℄ 1x1
			30	45[illegible]		10 Rt
			24	45[illegible]		19 "
40+76			34	445[illegible]	4552	℄ 1x1
			24	4562		4 Rt brk
			24	4562		10 " "
			43	4543		13 brk " ditch

F. B. 1791 Pg. 76 Job No. 6963 Division No. ___ Notes Red. ___ Plotted ___ Profile ___
Survey of Storm Drain Proj #30 Duarte Date ___ Date ___ No. ___
Survey by D.E.H. Notes A.R.B. Notes Chkd. ___ Checked ___ X-Sec. ___
Indexed C. Johnson Date ___ Date ___ Date ___ No. ___

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		458.59				
40+70			2.98	455.61		15 Rt so. edge of Put
			2.84	455.75		28 " Put
40+80			2.2	456.4		2 " Top of Rubble Wall
			4.7	453.9		2' Rt bot of Dirt Ditch "
			5.1	453.5		3½ Bot of 2" drain Pipe
			2.82	455.77		9 " so edge of Put
			2.91	455.68		19 " Put " "
			3.5	455.1	1 Lt Curb	
			3.3	455.3	4 " "	
			5.0	453.6	11 " Field	
			5.4	453.2	20 " "	
			5.4	453.2	31 " "	
			~~6.85~~	~~452.44~~	~~Flowline So. end of 24" Conc. Culv. scp~~	
			~~5.59~~	~~453.00~~	~~" " " " " " " " " "~~	
T.P. Nail			2.88	455.71		
B.M #5	4.63	460.34	4.25	456.09 456.09	B.M #5 Elev 456.09 Pg. 35	
					Note: Profile & Storm Drain on	
	3.99	460.08			scpg. for Cross Section	
~~40+83~~			~~3.7~~	~~456.4~~	~~Rt N edge of Tar & Walk~~	
~~40+86~~			~~6.6~~	~~453.5~~	~~" Bot~~	

Profile Notes Red ____ Plotted ____ Job No. 6863 Division No. ____ F. B. 1791 Pg. 77
No. ____ Date ____ Date ____ Survey of Storm Drain Prop. Bldg. Route
Issue ____ Notes Chkd ____ Chkd ____ Survey By ____ Notes By ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Job Date ____ Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		460 08				
40+88			66	4535		℄ Bot ditch
40+90			63	4538		℄ ix1 N-edge of bot Ditch
41+00			60	4541		℄ ix1
E.C. 41+01.46			62	4539		℄ Top ix2
" " "			54	4547		℄ gr
41+25			56	4545		℄ side of ditch
+50			58	4543		℄ " "
+75			58	4543		℄ " "
42+00			58	4543		℄ " "
42+25			63	4538		℄ " "
42+50			61	4540		℄ " "
+75			62	4539		℄ " "
43+00			61	4540		℄ " "
T.P nail			438	45570		
	649	462 19				
43+25			92	4530	℄ Bot. ditch.	
B.C. 43+31.87			90	4532		℄ Bot-ditch
43+40			91	4531		℄ " "
" "			623	45596		℄ so edge of Put
43+50			579	45640		℄ Nail & Tin put

F.B. 1791 Pg. 78 Job No. 6963 Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj #30 Quartz Date Date No.
Survey by D.E.H. Notes A.R.B. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		462.19				
43+60			5.15	457.04		℄ spk & Tin
+70			4.88	457.31		℄ " "
+80			4.77	457.42		℄ " "
+90			4.62	457.57		℄ " "
43+93			4.45	457.74		℄ edge of pvt
44+00			4.20	457.99		℄ 1x1
E.C. 44+02.81			4.13	458.06		℄ 1x2 Flush gr.
44+08.52			4.05	458.14		℄ inter R.R.
44+15±			6.13	456.06	℄ Elev. to bot. of top Beam	at R.R. Bridge
44+25			8.24	453.95		℄ 1x1 bot of ditch
44+50			8.07	454.12		℄ " " " "
∡ Pt. 44+64.75			7.91	454.28		℄ 1x2 " "
44+75			4.08	458.11		℄ nail & Tin Top of [illegible] Bridge
45+00			4.01	458.18		℄ E. edge of Pvt
B.M. ~~#4~~ KK-4			7.45	454.74	B.M. ~~#4~~ KK-4 Elev. 454.~~754~~ .749	Pg. 35
					End Profile Div. #1 see pg's	
					for Sections North in Div. #2.	

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 79
No. ____ Date ____ Date ____ Survey of Storm Drain Proj. #30 Diorite
Notes Chkd. ____ Checked ____ Survey by ____
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

Vol. 1791 Pg. 80

Job No. 6963 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of Storm Drain Proj. #36 Duarte Date _____ Date _____ No. _____

Survey by D.E.H. Notes A.R.B Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

STATION	B. S.	H. I.	F. S.	ELEV.

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Profile	Notes Red.	Plotted	Job No. 6963	Division No.	F. B. 1791	Pg. 81
No.	Date	Date	Survey of Storm Drain Proj. #30 Duarte			
X-Sec.	Notes Chkd.	Checked	Survey by D.E.H.	Notes [illegible]	Date	
No.	Date	Date	Map No.	Indexed Johnson	Date	

3-26-53

Storm Drain Proj. #30 Duarte
J.N. 6963

Profile & Cross sections of Interc. of Duarte Rd. & Bueana Vista St.

STATION	B. S.	H. I.	F. S.	ELEV.

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76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.	KK-4	
B.M. ~~#4~~ KK-4					B.M. #4 Elev 454.~~756~~ 749 F.B. 1791 - 35	
				45475	Buena Vista St & Duarte Rd. 48 W. of Inter. (so. side). Bt. spk. in Lead. Top of cb	
	745	462 20				
0+00 3/4" I.P.			499	45721	3/4" I.P. Per pg. Inter. Duarte Rd & Buena Vista = = 0+00 going E. on ℄ Duarte Rd (Top Put.)	
" "			493	45727		20 Rt. Put (oily Rock)
" "			460	45760	20 Lt. Put.	
0+11.5			499	45721		℄ put.
			615	45605		20.5 Rt bot of cb put
			546	45674		" " Top " "
0+16			99	45[illegible]3	19 Rt Bot of flow line Culv. gr	
0+25			509	45[illegible]1		℄ put
			558	45662		8 Rt bot cb
			509	45711		" " Top "
			82	4540		10 " Bot ditch - gr.
			96	45[illegible]		14 " " of Rubble Wall
			693	45527		14.5 " Top " " "
			55	4567		20 " " of dirt Bank
			489	45731	6 Lt. center of pav.	
			493	45727	22 " edge of Put. (Middle of Return)	
			44	4578	35 " gr.	
0+30			557	45663		5 Rt bot cb

F.B. 1791 Pg. 82 Job No. 6962 Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj. #20 Duarte Date No.
Survey by D.E.H. Notes A.R.B. Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date No.

76L398 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		462 20				
0+30			4.97	457.23		5.5 Rt. Top of Cobble
0+33			92	453.0		8.5 " Bot Rubble Wa
			7.07	455.13		9.5 Top " "
			6.5	455.7		13 " Top dirt Bank
			8.9	453.3		27 " gr. edge of Field
0+40			5.73	456.47	17 Lt. edge of Put.	Begin - Return
0+50			5.70	456.50		¢ Put
			6.13	456.07		5.0 Rt. edge of Put
			9.1	453.1		6.0 " bot Wood Wall
			9.3	452.9		9 " " Rubble Wall
			7.07	455.13		9.5 " Top " "
			9.3	452.9		18 " gr. Field edge
			5.42	456.78	6 Lt center Pav.	
			5.60	456.60	16.5 " N. edge of "	
			5.4	456.8	2.5 " 9.5	
			4.9	457.3	3.5 "	
0+75			6.20	456.00		¢ Put
			6.55	455.65		5 Rt. edge of Put
			9.0	453.2		5.5 " bot Wood Wall
			9.1	453.1		9.0 " Rubble

Profile No. 4963 Division No. 1991 Pg. 83
Notes Red. Plotted Job No. 4963 Division No. 1991 Pg. 83
Date Date Date Date
Notes Chkd. Checked Survey of Sheet Drawn By Pg. 30 Quarter
Date Date Date Date Survey By Computed
No. Map No. Indexed Johnson Date

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		462 20				
0+75			6 93	45527		10 Rt top Rubble Wall
			94	4528		18 " field
			583	45637	6 - Lt center pav.	
			602	45618	17 " edge "	
			58	4564	25 " gr	
			50	4572	35 " "	
0+78.5			657	45563		4 Rt edge of Pvt.
1+00			642	45578		℄ Pvt.
			667	45553		2 Rt edge of Pvt
			89	4533		8 " Bot ditch
			89	4533		8.5 " " Rubble Wall
			632	45588		10 " Top " "
			93	4529		16 " field
			623	45597	6 Lt center pav.	
			627	45593	16 " edge of "	
			62	4560	23 brk gr	
			54	4568	26 " "	
			50	4572	35 " "	
1+25			666	45554		℄ Pvt
			675	45545		15 Rt edge of Pvt

F. B. 1791 Pg. 84 Job No. 6963 Division No. — Notes Red. — Plotted — Profile
Survey of Storm Drain Proj. #30 Duarte Date — Date — No. — X-Sec.
Survey by D.E. Holmes Notes A.R.B. Notes Chkd. — Checked — Date — No.
Indexed [redacted] Date — Date

TEL.298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		462.20				
1+25			87	4535		8 Rt B-Ditch
			87	4535		9 " Bot Rubble Wall
			637	45583		10 " Top " " "
			93	4529		16 " Field
			650	45570	6 Lt center pav.	
			655	45565	16 " edge of Pvt	
			64	4558	23 " gr Brk	
			55	4567	27 " " "	
			50	4572	35 " "	
1+50			682	45538		℄ Pvt
			688	45532		2 - Rt edge of Pvt
			86	4536		8 " b-ditch
			86	4536		9 " " Rubble Wall
			604	45616		10 " Top " "
			81	4541		14 " Brk gr
			88	4534		22 " Field
			667	45553	6 Lt center Pav.	
			688	45532	15 " " edge "	
			63	4559	24 " " brk gr	
			55	4567	29 " " "	

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 85
No. ____ Date ____ Date ____ Survey of Storm Drain Proj #30 Diarte
Notes Chkd ____ Checked ____ Survey by ____
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		462 20				
1+50			49	4573	35 Lt gr.	
1+75			669	45551		℄ Pvt
			672	45548		25 Rt edge of Pvt
			86	4536		8 " Bot ditch
			86	4536		9 " bot. Rubble Wall
			598	45622		10 " Top " "
			80	4542		17 " gr.
T.P. 1x1			428	45792		
	260	460 52				
1+75			498	45554	6 Lt center pav	
			509	45543	16 " edge of Pvt	
			49	4556	24 " gr. brk	
			30	4575	30 " " "	
			30	4575	35 " "	
2+00			502	45550		℄ pvt
			506	45546		4 Rt edge of Pvt
			70	4535		8 " B-ditch
			70	4535		9 " B- Rubble Wall
			419	45633		10 " Top
			64	4541		12 " gr.

Survey of Storm Drain Proj. 30 Quarte Date 3-26-53 Notes Red. Plotted Profile
Survey by D.E.H. Notes A.R.B. Notes Chkd. Checked No. X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		460.52				
2+00			4.99	455.53	4 Lt center pav.	
			5.08	455.44	16 " edge "	
			5.1	455.4	21 " Brk gr.	
			3.1	457.4	27 " " "	
			3.1	457.4	35 "	
2+25			5.00	455.52		℄ Pvt
			5.08	455.44		3.5 Rt edge of Rt
			7.0	453.5		8 " b. ditch
			7.0	453.5		9 " b. Rubble Wall
			4.19	456.33		10 " Top "
			5.6	454.9		12 " gr.
			5.05	455.47	6 Lt Center Pav.	
			5.15	455.37	15 " edge "	
			5.2	455.3	21 " brk gr.	
			3.1	457.4	28 " "	
			2.9	457.6	35 " "	
2+50			5.06	455.46		℄ Pvt
			5.13	455.39		3 Rt edge of [illegible]
			6.9	453.6		8 " b. ditch
			6.9	453.6		9 " b. [illegible]

Profile Notes Red. Plotted Job No. 6962 Division No. F. S. 1791
No. Date Date Survey of Storm Drain Proj. #30 Duplicate
No. Date Date Map No. Indexed Date

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		460 52				
2+50			420	456 32		10 Rt top Rubble Wall
			62	454 3		13 " gr.
			69	453 6		22 " field
			507	455 45	6, Lt ctr. cent Pav.	
			521	455 31	14 " edge Pav.	
			47	455 8	25 " gr. brk.	
			33	457 2	30 " "	
			30	457 5	35 " "	
2+75			501	455 51		℄
			508	455 44		3 Rt. edge Pav
			70	453 5		8 " b-ditch
			70	453 5		9 " " Rubble Wall
			425	456 27		10 " Top " "
			62	454 3		13 " gr
			72	453 3		19 " field
			498	455 54	6 Lt ctr. cent. pav.	
			512	455 40	14 " edge "	
			47	455 8	24 " gr. brk	
			29	457 6	30 " "	

Job No. 4963 Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj #30 Quarte Date Date No.
Entered by D.E.H. Notes A.R.B. Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

761.298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		460 52				
2+75			28	4577	35 Lt	
3+00			479	45573		℄ Pvt
			480	45572		3 Rt edge of Pvt
			70	4535		8 " b - ditch
			70	4535		9 " b - Rubble wall
			417	45635		10 " Top - "
			57	4548		12 " gr.
			72	4533		21 " Field
			481	45571	6 Lt. ctr. cent. pav.	
			496	45556	14 " edge - "	
			46	4559	22 " gr. brk.	
			27	4578	27 " " "	
			27	4578	35 " "	
3+20			480	45572		℄ Pvt
			485	45567		3 Rt edge of Pvt
			71	4534		8 " b ditch
			71	4534		9 " b - rubble wall
			400	45652		10 " Top - "
3+24.5			808	45244	[illegible] Flow line to end 24" Conc. Cu[illegible]	
3+25			470	[illegible]		℄ Pvt

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6963 Division No. ____ Survey of Storm Drain Proj #30 Quarte

No. ____ Date ____ Date ____ Map No. ____ Date ____

F.B. 7791 89

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		460 52				
3+25			4 88	455 64		3 Rt. edge of Pvt
			7 0	453 5		6 Rt b-ditch
			6 3	454 2		9 " brk
			5 0	455 5		10 " Top of Berm
			5 6	454 9		13 " brk
			6 0	454 5		23 " field
			4 82	455 70	6 Lt cent. pav.	
			4 91	455 61	15 " edge Pvt	
			5 0	455 5	18 " Brk	
			6 9	453 6	18.5 " b-of drain ditch 2' wide	
			5 9	454 6	32 " Flow line of R.R. wood Culvert 2 x 1½ High	
3+25.8			7 52	453 00	18 Lt Flow line N-end of 24" Conc Culvert	
3+50			4 84	455 68		℄ Pvt
			4 90	455 62		3 Rt edge of
			5 9	454 6		6 b-ditch
			3 9	456 6		7 " Top Berm
			6 2	454 3		17 field
			4 76	455 76	6 Lt. pav.	
			4 83	455 69	15 " edge Pvt	
			5 1	455 4	20 " Brk	

Fig. 91 Job No. 1863 Division No. Notes Red Plotted Profile
Storm Drain Proj. #30 Quarter Date Date No. X-Sec.
D.E.H. Notes A.P.B. Notes Chkd Checked
Inspector K. C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		460 52				
3+50			62	4543	24 Lt b-ditch 1° Bot.	
			50	4555	26 " Top "	
			25	4580	30 brk	
			24	4581	35 gr	
3+75			488	455 64		℄ Put
			510	455 42		3.5 Rt edge of pav
			60	454 5		7 " b-ditch
			40	456 5		10 " Top Berm
			65	454 0		17 " Field
			468	455 84	6 Lt ctr. cent pav.	
			473	455 79	15 " edge of pav.	
			49	455 6	22 " edge of ditch	
			59	454 6	25 " b-1° "	
			46	455 9	27 " brk	
			23	458 2	31 " brk	
			21	458 4	35 " gr	
4+00			479	455 73		℄ Put
			495	455 57		3.5 Rt edge
			58	454 7		6.5 " b-ditch
			37	45[illegible]		3.7 " Top [illegible]

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6963 Division No. ____ Survey of Storm Drain Proj #30 Quartz [illegible] Map No. ____ Date ____ Date ____ Date ____ F. S. 1791 Pg. 97

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		460 52				
4+00			66	4539		15 Rt field
			463	45589	6 Lt. ctr. cent. pav.	
			461	45591	14 " edge of Pvt	
			53	4552	24 " " " ditch	
			58	4547	25 " b - "	1° wide
			45	4560	27 " brk	
			21	4584	32 " "	
4+16°			56	4549	26 " b - ditch	
			55	4550	33 " Flow line of R.R. wood Culv. 2 x 1.5 High	
4+25			486	45566		℄ Pvt
			507	45545		3.5 Rt edge of Pvt
			58	4547		7 " B - ditch
			39	4566		10 " Top - Berm
			67	4538		18 Field
			465	45587	6 Lt ctr. cent. Pvt	
			462	45590	15 " edge "	
			48	4557	25 " b - Bank	
			19	4586	32 " Top - "	
			19	4586	35 " gr	

F. B. 9791 Pg. 92 Job No. 6963 Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj #30 Quarts Date Date No.
Survey by D.E.H. Notes Chkd. Checked X-Sec.
Indexed Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		460 52				
4+50			488	45564		℄ Pvt
			506	45546		4° Rt edge pvt
			56	4549		7° " b-ditch
			37	4568		11° " Top Berm
			62	4543		18 " field
			473	45579	6 Lt center pav.	
			470	45582	15 "	
			50	4555	25 " b-bank	
			29	4576	33 " Top "	
5+00			489	45563		℄ Pvt
			522	45530		4 Rt edge of pvt
			58	4547		6 " b-ditch
			37	4568		10 " Top
			65	4540		18 " field
			470	45582	6 Lt pav.	
			470	45582	14 " edge of pvt	
			49	4556	26 " b-bank	
			17	4588	35 " Top "	
6+00			467	45585		℄ Pvt
			488	45564		3 Rt edge [illegible]

Profile Notes Red. Plotted Job No. 6963 Division No. P. B. 1791 Page 93
No. Date Date Survey of Storm Drain Proj. 30 Quarter
No. Date Date Map No. Date

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		460.52				
6+00			5.6	454.9		7 Rt b-ditch
			40	455.5		11" Top Berm
			56	454.9		17" field
			460	455.92	6 Lt cent Pav	
			470	455.82	14" edge of "	
			47	455.8	28" b-bank	
			10	459.5	35" Top- "	
B.M #5 KK-5			4.42	456.10	B.M #5 Elev 456.~~094~~ .091	F.B. 1791-35

Profile & Cross Sections Duarte Rd. West of Buena Vista St.

BMKK-4				454.95	B.M #4 Elev 454.~~95~~ 99 F.B. 1791-35 Buena Vista St & Duarte Rd 48' W of Inter (S-side) Bt. Sp in Lead Top of Cob	
	7.36	462.11				
0+00			4.92	457.19	3/4" I.P. Top at Pvt. ℄ per pg.	0+00 = going W on Duarte
			452	457.59		20 Rt pvt
			5.86	456.25	20 Lt pvt	
0+128			5.35	456.76		℄ Pvt
			5.92	456.19	19 Lt edge of Pvt	
			96	452.5	20" flow line of Culv	
0+17			5.80	456.31	12" edge of Pvt	
0+20			5.92	456.19	94" " " "	

F. B. 1791 Pg. 94 Job No. 4963 Project No. Notes Red Plotted No. Profile
Survey of Stone Drain Prop. #30 Duarte Date Date No. X-Sec.
Survey by D.E.K. Johnson Notes A.P.B. Notes Chkd Checked
Indexed Date Date Date No.

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STATION	Br.S.	H. I.	F. S.	ELEV.		
		462 "				
0+25			555	45656		℄ Pvt
			549	45662		5 Rt ctr. pvt
			547	45664		16.7 " pvt
			557	45654		23.0 " edge of Pvt
			46	4575		30 " brk
			47	4574		35 " gr
			616	45595	9 Lt edge pvt.	
			67	4554	20 " gr.	
0+50			639	45572		℄ Pvt.
			631	45580		5 Rt. cent pvt
			627	45584		17 " edge of
			63	4558		22 " gr.
			53	4568		28 " "
			53	4568		35 " "
			693	45518	8 Lt edge Pvt	
			740	45471	15 " Top of existing Cb. (very short length + covered over.)	1 gr flush top Cb
			[illegible]	[illegible]42	15.5 " bot gr.	
			82	[illegible]39	24 " field	
0+75			697	45514		℄ Pvt
			690	45521		5.0 Rt cent

Profile Notes Red. Plotted Job No. 6863 Division No. F.B. 1791 Pg. 95
No. Date Date Survey of Storm Drain Proj #30 Duarte
No. Date Date Map No. Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		462 11				
0+75			673	455 38		15 Rt edge Pvt
			65	455 6		26 " gr.
			56	456 5		31 "
			728	454 83	8 Lt edge of Pvt	
			765	454 46	15 " Top of Cb & Slab	
1+25			715	454 96		℄ Pvt
			705	455 06		4.5 Rt center pvt
			704	455 07		14.5 " edge pvt
			72	454 9		21 " gr.
			59	456 2		29 " "
			58	456 3		35 " "
			759	454 52	8.6 Lt edge of Pvt	
			91	453 0	21 " field	

Profile & Cross sections 3/4" I.P. Buena Vista St. South (of Duarte Rd.)

		462 11				
0+00			492	457 19	3/4" I.P. Top of Pvt ℄ Per pg-	℄ 0+00 going South Buena Vista St.
"			541	456 70		20 Rt Pvt
			492	457 19	20 Lt pvt	
0+20			582	456 29		℄ pvt

F. S. 1791 Pg. 96 Job No. 6963 Division No. Notes Red. Date Plotted Date No. Profile
Survey of Survey by C. John Notes Date Checked Date No. X-Sec.
Indexed Notes Chkd. Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		462 11				
0+20			6.00	456 11		8 Rt edge put
			9.5	452 6		10 " E bot ditch
			9.5	452 6		14 " W " "
			7.4	454 7		17 " top bank
			6.05	456 06	12 Lt.	
			8.7	453 4	13 " W edge ditch "Bot."	
			8.7	453 4	19 " bot Rubble Wall	
			7.29	454 82	20 " Top of Rubble Wall	
			5.4	456 7	25 " Top of dirt fill	
0+50			7.39	454 72		℄ Put
			7.62	454 49		8 Rt edge of Pu
			9.9	452 2		9 " E. bot ditch
			9.9	452 2		14 " W " "
			8.0	454 1		18 Tp of Bank
			8.5	453 6		27 field
			7.50	454 61	11 Lt edge of put	
			10.2	451 9	12 " b-ditch W-side	
			10.2	451 9	17 " " " E bot	
			7.86	454 25	17.5 " Top Rubble Wall	
			6.8	455 3	23 Top dirt bank	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. S. 1791 Pg. 97
Date ____ Date ____ Survey of Storm Drain Pry #30 Quarter
Notes Date ____ Date ____ Survey by ____
No. ____ Date ____ Date ____ Map No. ____ Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		462 11				
0+50			95	452 6	31 Lt field	
1+00			960	452 51		℄ Pvt
			962	452 49		6.5 Rt edge pvt
			104	451 7		8 " b ditch
			104	451 7		13 " " "
			88	453 3		15 " bank
			95	452 6		22 " field
			964	452 47	12 Lt edge of pvt	
			102	451 9	13 - b-ditch	
			102	451 9	18 " b - Rubble Wall	
1+25			1025	451 86		℄ Pvt
			1024	451 87		6.5 Rt edge
			104	451 7		11 " B-ditch
			84	453 7		13 " bank
			84	453 7		17 " field brk
			99	452 2		20 " "
			1046	451 65	11 Lt edge Pvt	
			104	451 7	14 " B-Rubble-Wall	

F. B. 1791 Pg. 98 Job No. 6963 Division No. Notes Red. Plotted Profile
Survey of Storm Drain Proj. #30 Quarts Date Date No.
Survey by D.E.H. Notes A.R.B. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		462 11				
Profile & Cross sections 3/4" I.P. Buena Vista St. North						
		462 11				
0+00			4 92	457 19	3/4" I.P. Top of pvt ℄ per pg	℄ 0+00 going N. on Buena Vista
			4 91	457 20		20 Rt. pvt
			5 40	456 71	20 Lt. pvt	
0+23			4 40	457 71		℄ Pvt.
			4 67	457 44		20 Rt edge Pvt
			5 10	457 01	16 Lt. brk. pvt	
			5 60	456 51	23 " pvt. Return	
0+41 7			3 49	458 62		℄ so. Rail
			3 46	458 65		13 Rt Top Rail [illegible] pvt
			3 41	458 70		30 " " "
			3 53	458 58	10 5/8 Lt. Top of Rail & so [illegible] pvt	
			3 56	458 55	30 " " "	
0+46 7			3 52	458 59		℄ Top N-rail
0+50			3 60	458 51		℄ pvt
			3 65	458 46		12 6 Rt edge
			4 1	458 0		14 " " gr.
			3 9	458 2		30 " "
			3 69	458 42	10 6 [illegible] of pvt	

Profile Notes Red. Plotted Job No. 6963 Division No. F. B. 1791 Pg. 99
No. Date Date Survey of Storm Drain Proj. #30 Diorite
No. Date Date Map No. Inc. Date

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		462 11				
0+50			42	4579	11 - Lt gr	
			41	458[illegible]	30 " "	
0+57			3 93	458 18	75 " " edge of Pvt	
0+57			78	4543	8 - Lt b-ditch	
			78	4543	16 " " "	
			45	457[illegible]	19 Top of bank	
0+60			420	457 91		11.6 Rt Pvt
			8.0	454[illegible]		12 " b-ditch
			8.2	453[illegible]		15 " ctr. ditch
			6.6	455[illegible]		20.5 " b-Retaining Wall
			41	45[illegible]		21 " Top wall
B.M. ~~#4~~ KK-4			736	45475	B.M. # Elev 454.~~754~~ .749	F.B. 1791-35

F.B. 1791 Pg. 100

Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of ____ Date ____ Date ____ No. ____

Survey by C. Johnson Notes ____ Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

Profile No. _____ Notes Red _____ Date _____ Plotted _____ Date _____ Job No. _____ Division No. _____

Survey of _____

Survey by _____

Map No. _____ Indexed _____ Date _____

No. _____ Date _____ Date _____

No Pages 101 to 106

STATION	B. S.	H. I.	F. S.	ELEV.

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F. S. Pg.

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

76L29R 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.

PWFB 1629

227

Notes Ck'd by [illegible]	Survey of S.D. Project #30 "Duarte"
Map No.	W. O. 6962 Tape No. 0116 St'd. 68 °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes Holmes Date
Date	Indexed A. C. Johnson 4-21-53

F. B. 1791 Pg. 109

J.N. 6963

STORM DRAIN PROJECT #30

BUENA VISTA ST. "DUARTE"

℄ SURVEY of DIV. #2 from

DUARTE Rd. North To ROYAL OAKS DR.

For Location of improvements See pg's. 131-147
" Profile & Cross Sections See pg's. 155-230

Holmes, Barilotti Hand. West.

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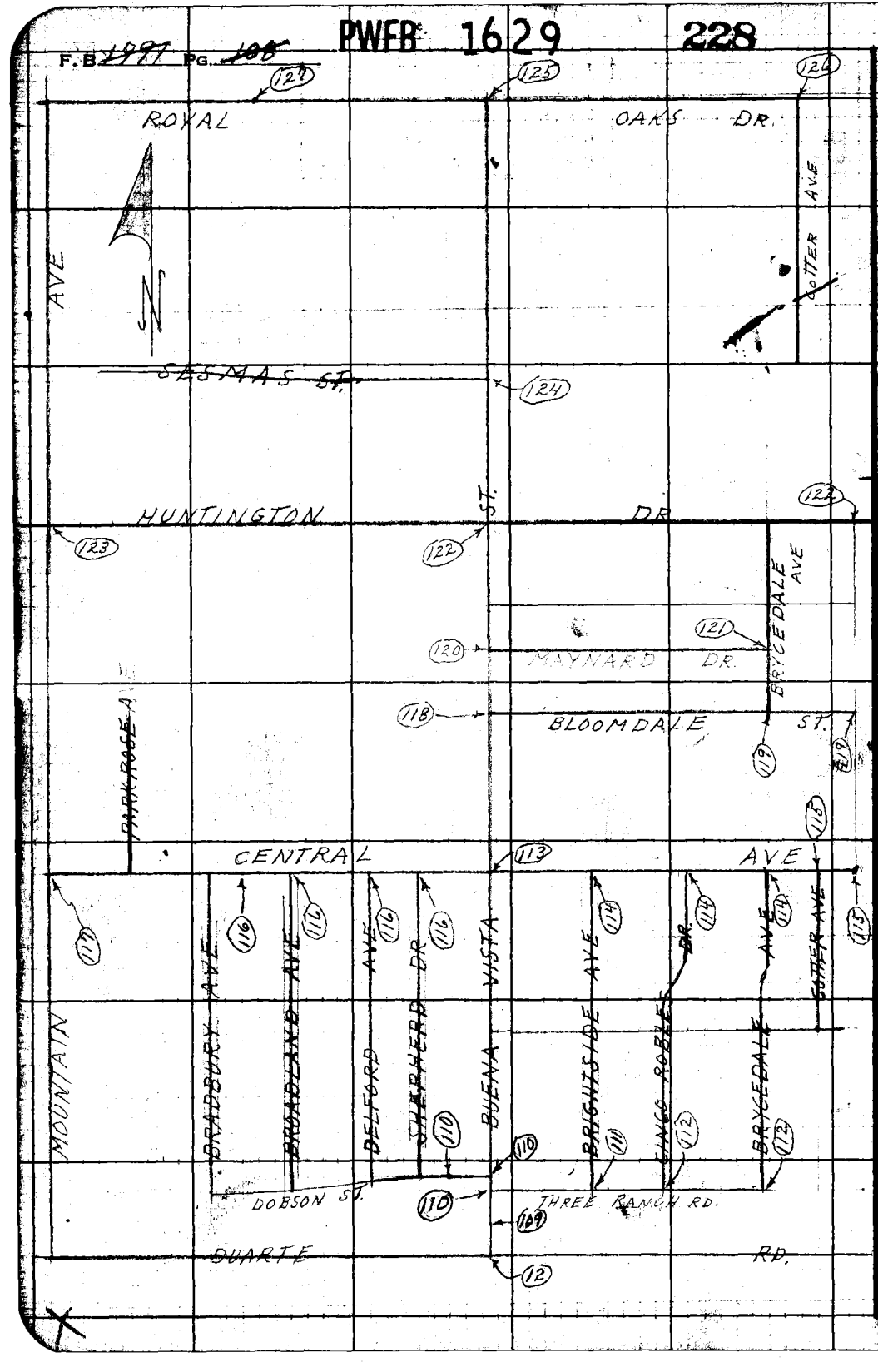
76F309S 247 2-51

F.B. ~~1991~~ PG. ~~108~~



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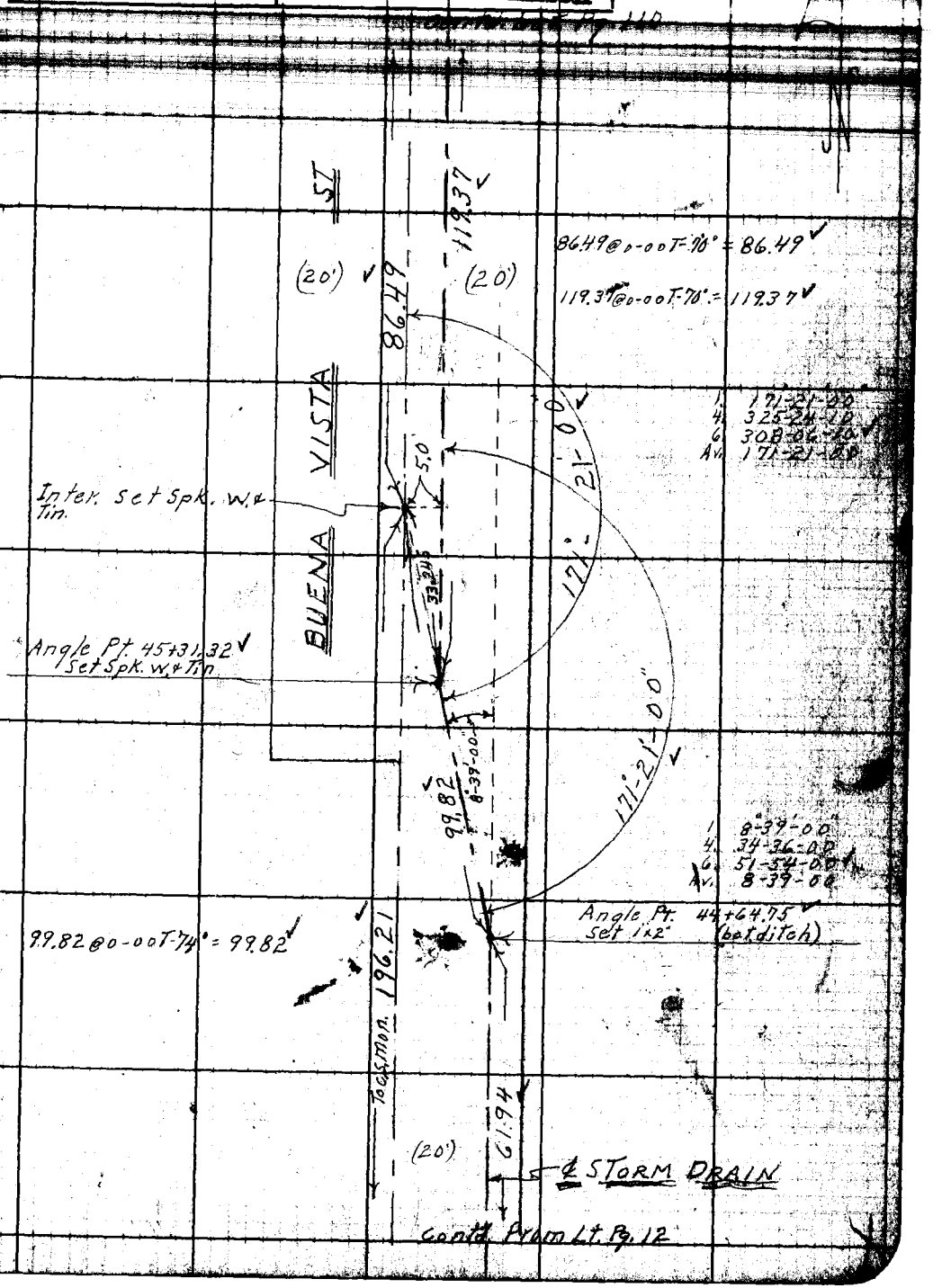
PWFB 1629

229

Notes Ck'd by [illegible]	Survey of S.D. Project "30" Duarte
Map No.	W. O. [illegible] Tape No. Std. [illegible]
Office Work	Surveyed by D.E. Holmes
Checked	Notes [illegible]
Date	Indexed [illegible]

F. B. [illegible] Pg. [illegible]

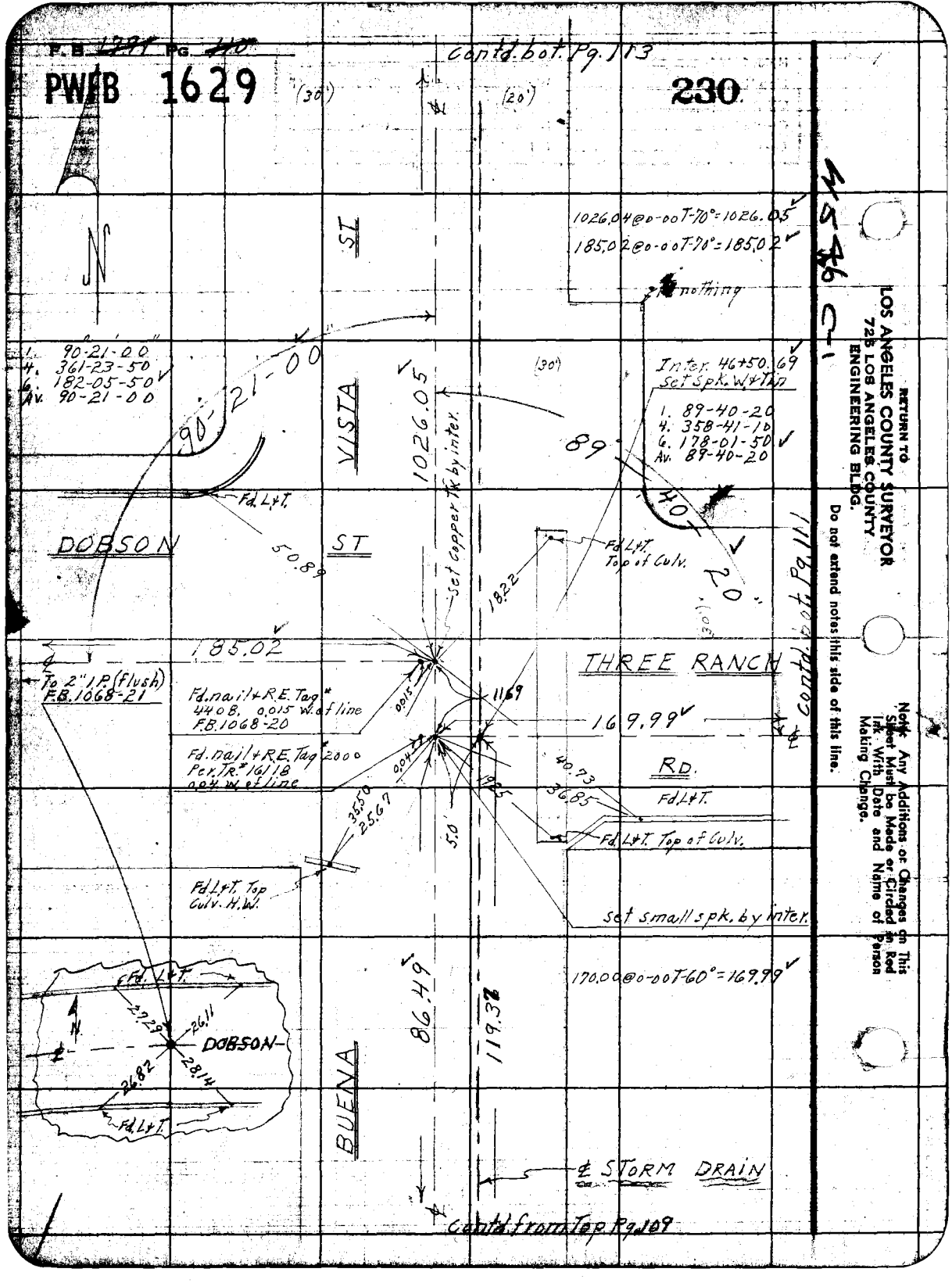


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51



RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1629

231

Notes Ch'd by [illegible]
Map No.
Office Work
Checked
Date

Survey of SD Project "30 Duarte"
W. O. 6165 Tape No. 0116 Std. L.B. °F
Surveyed by D.E. Holmes
Notes Holmes Date 7-27-59
Indexed A. C. Johnson

F. B. [illegible] Pg. [illegible]

Note: Any Additions or Changes of This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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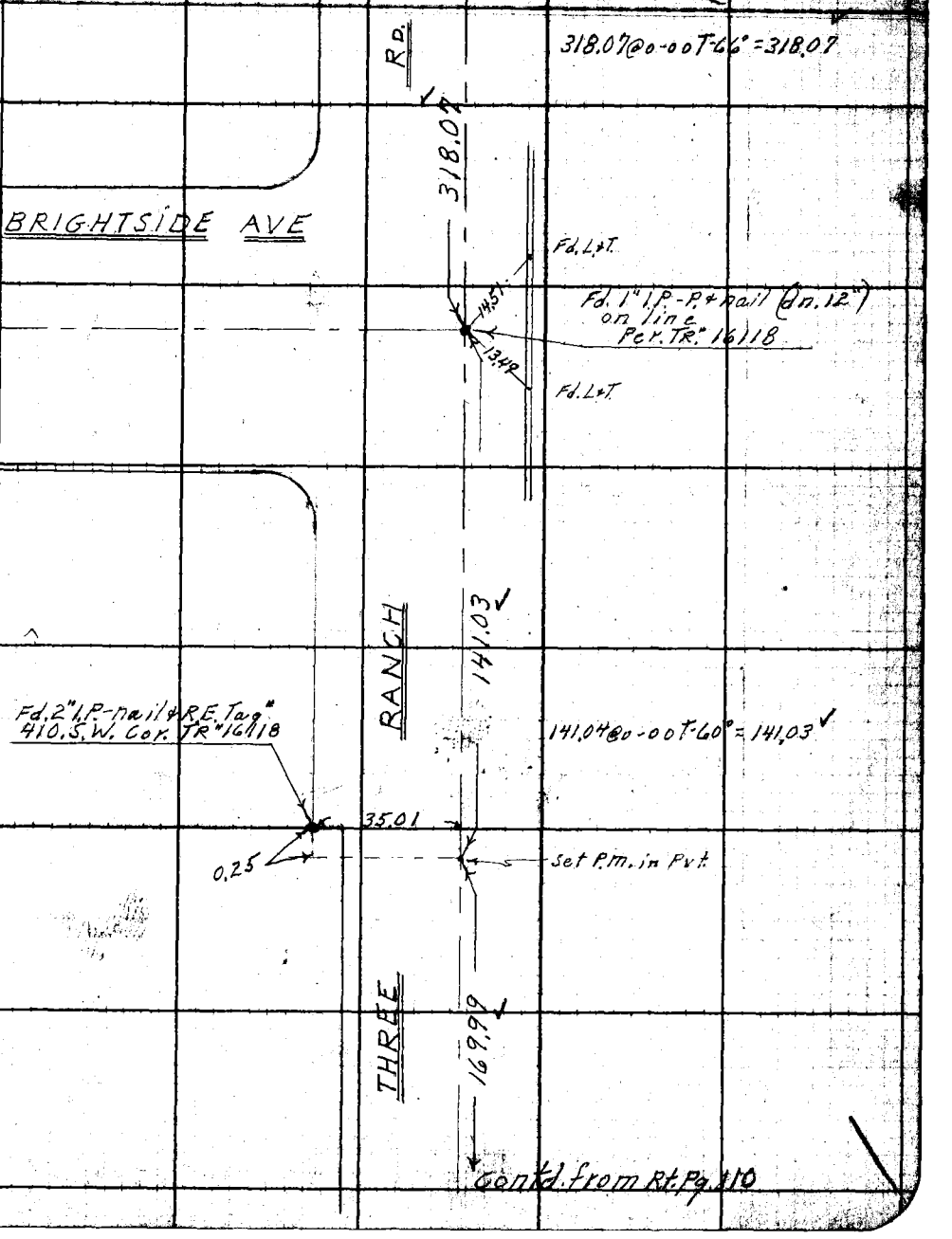
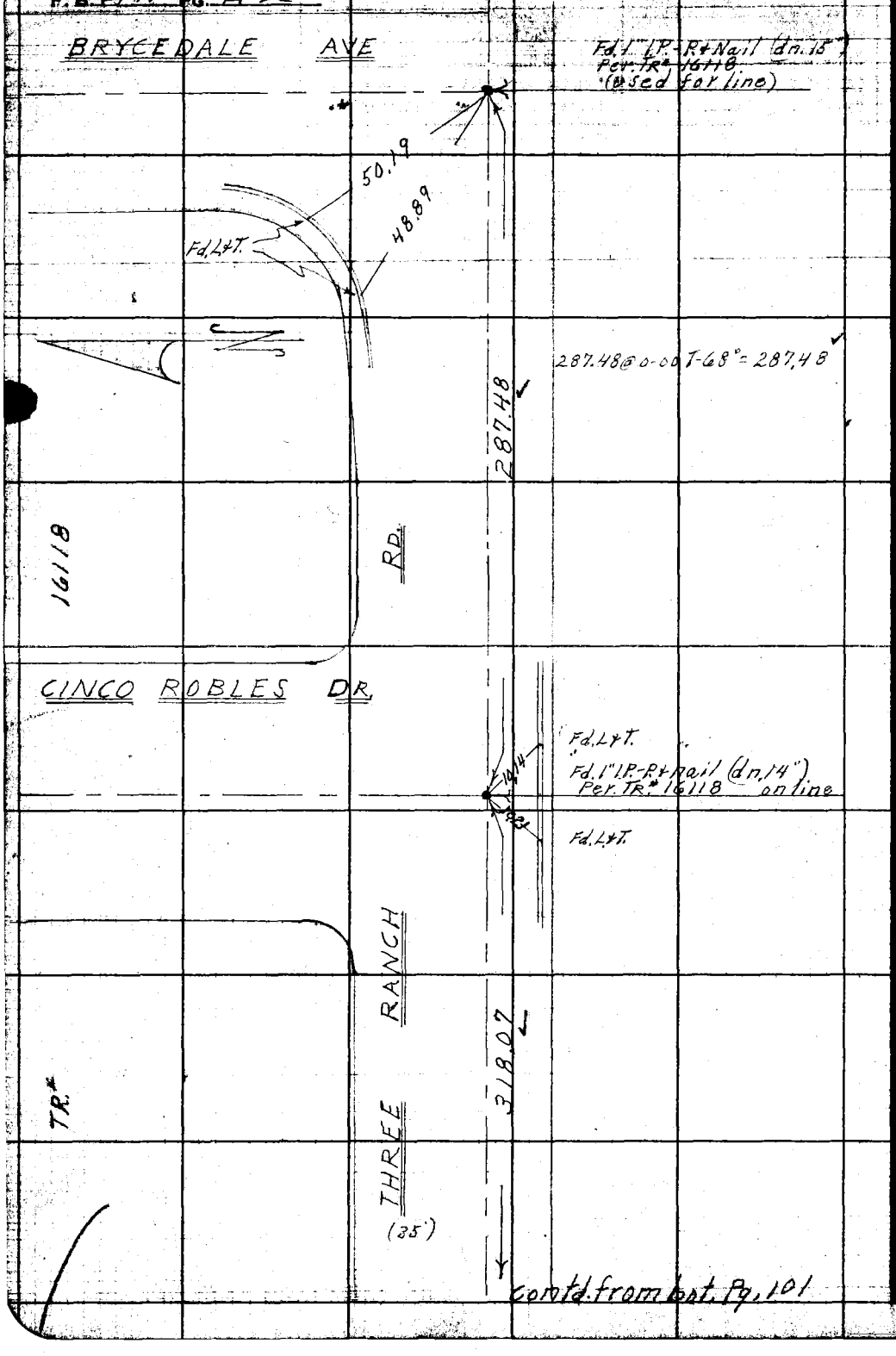
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.



78FS095 247 2-51

F.B. ~~1791~~ Pg. ~~42~~



contd. from bot. Pg. 101

RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY
ENGINEERING BLDG.
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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

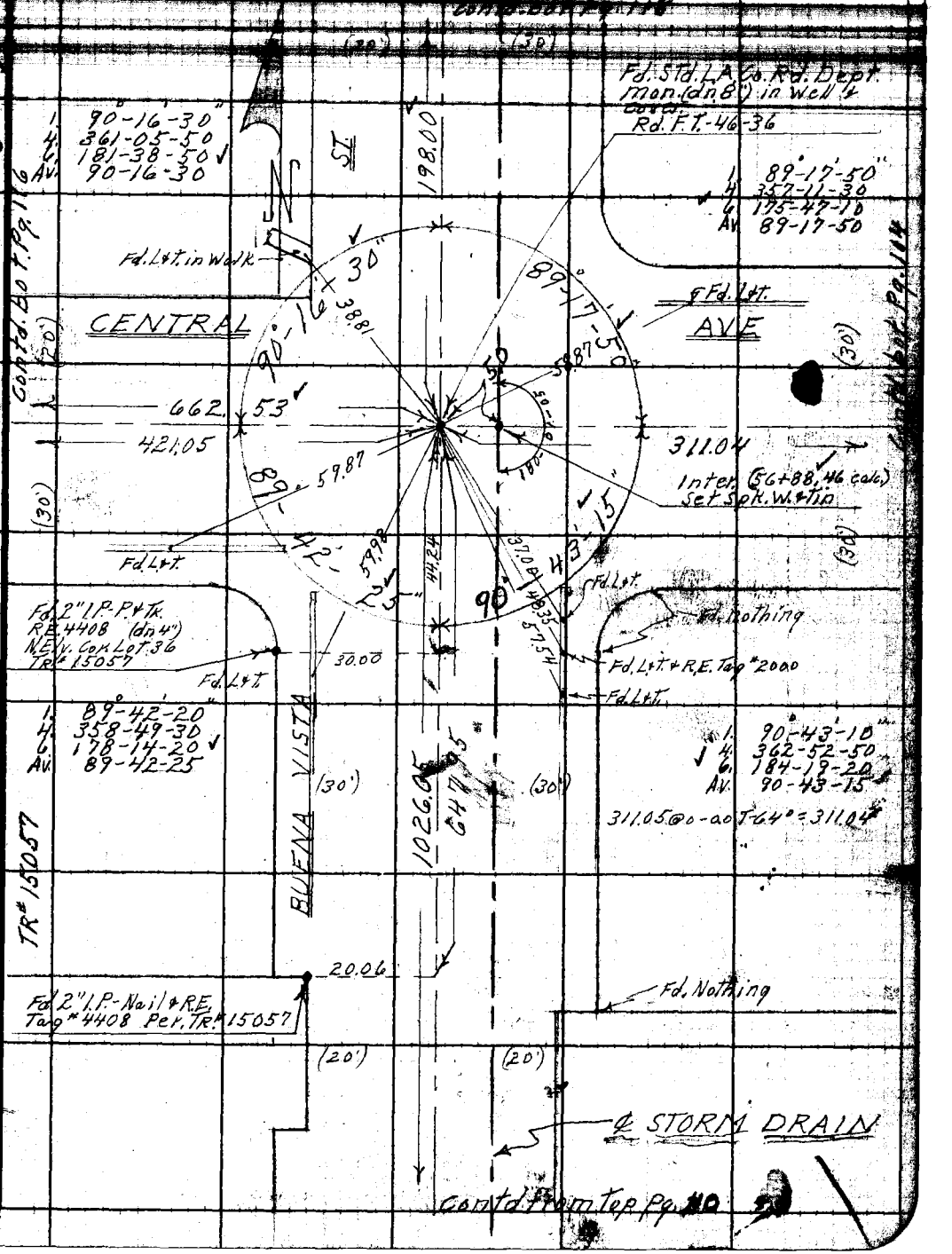
WS 46 D-18 C-1

PWFB 1629

233

Notes Ck'd by [illegible]	Survey of S.D. Project #30 Quarter
Map No.	W. O. 6[illegible] Tape No. 0116 St'd 68 °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes Holmes Date 3-31-53
Date	Indexed A. C. Johnson

F. B. [illegible] Pg. [illegible]



Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

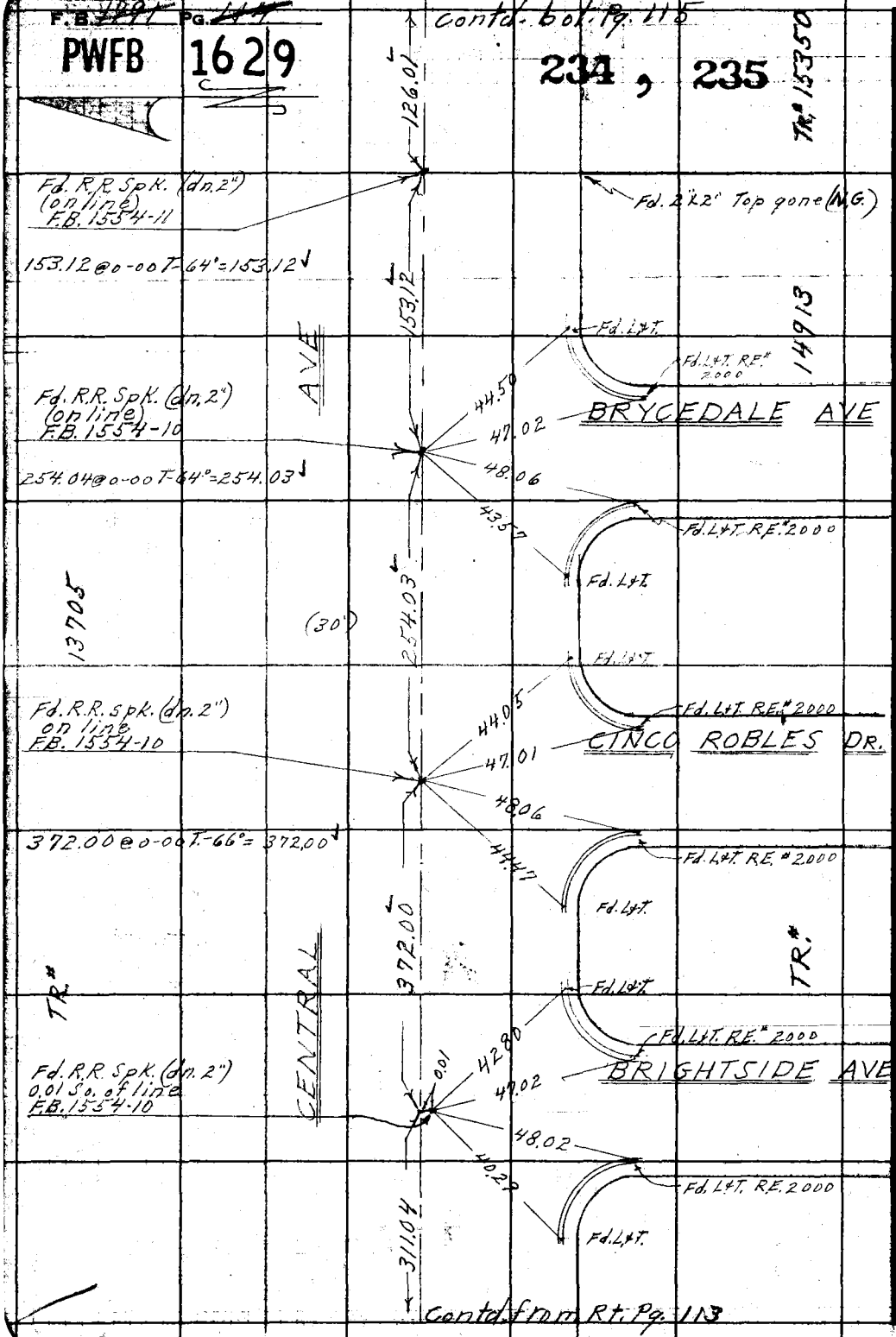
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 247 2-51

F.B. ~~1891~~ Pg. ~~114~~

PWFB 1629



WS 46, D1 & C-1

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

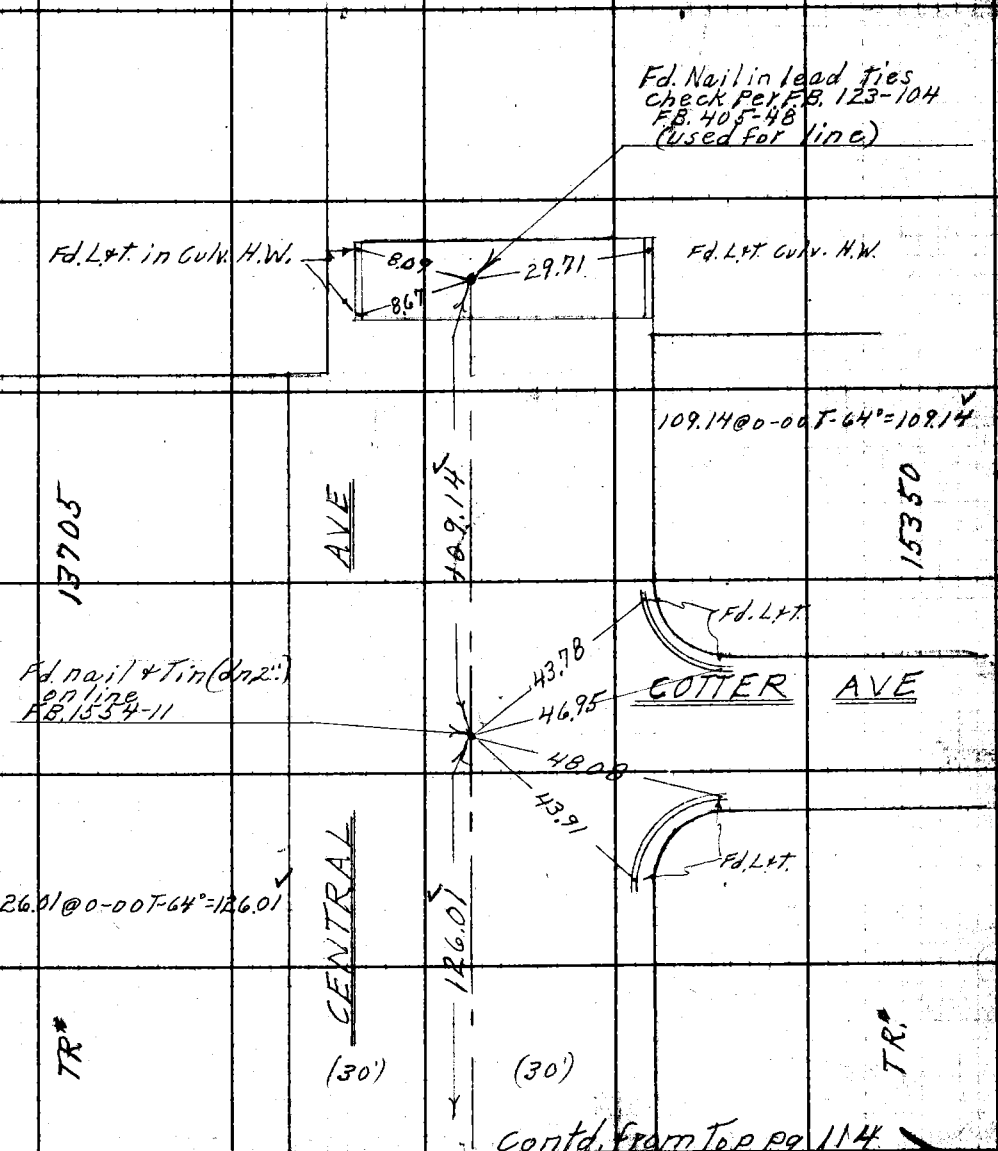
PWEB 1629 236

F. B. 1791 Pg. 115

Notes Ck'd by [illegible]	Survey of S.D. Project #30 Quarte
Map No.	W. O. 6765 Tape No. 0116 St'd. 60 °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes Holmes Date 3-31-58
Date	Indexed K. C. Johnson

Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

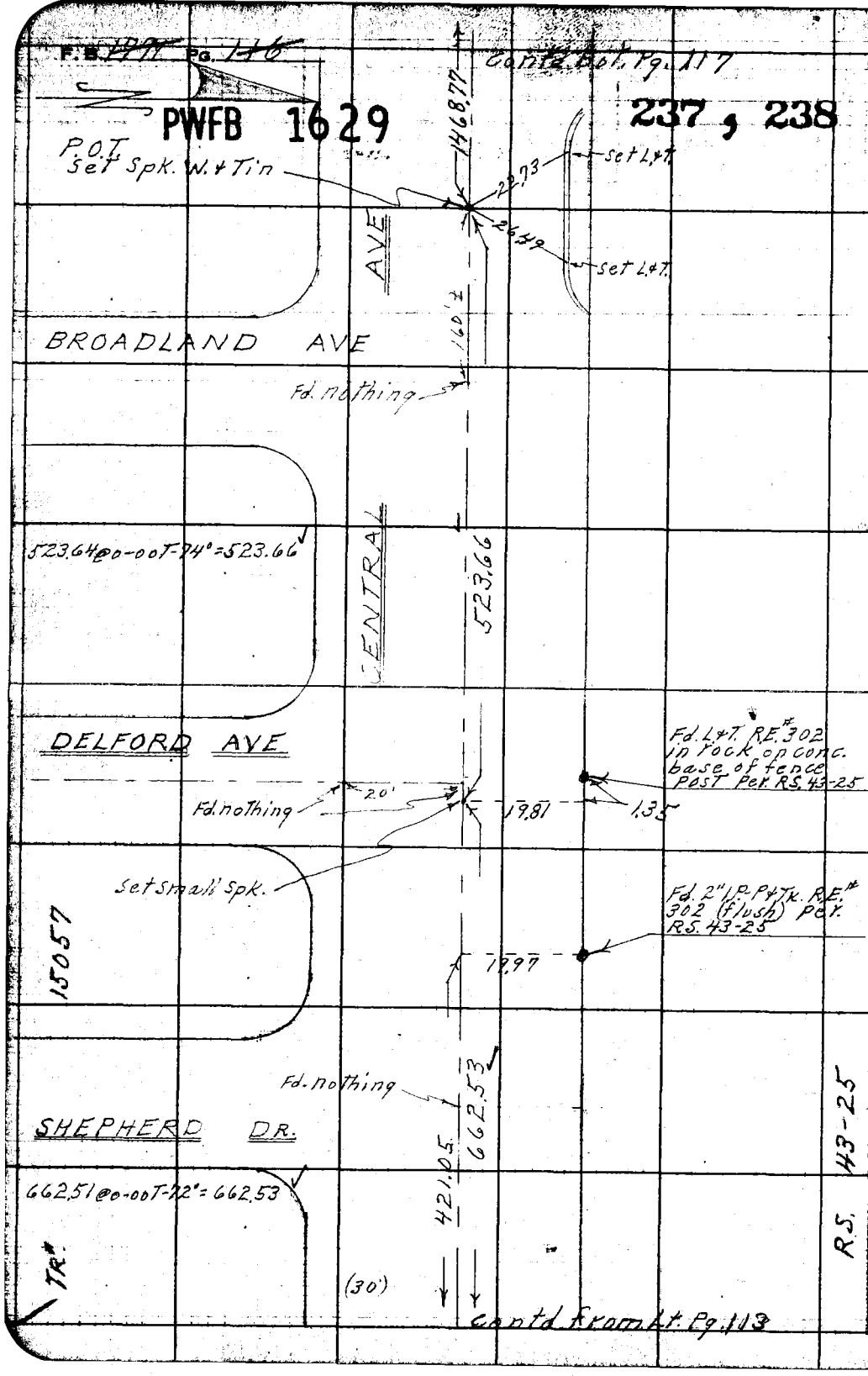
Do not extend notes this side of this line. W.S. #6, D-1



Contd. from Top pg 114

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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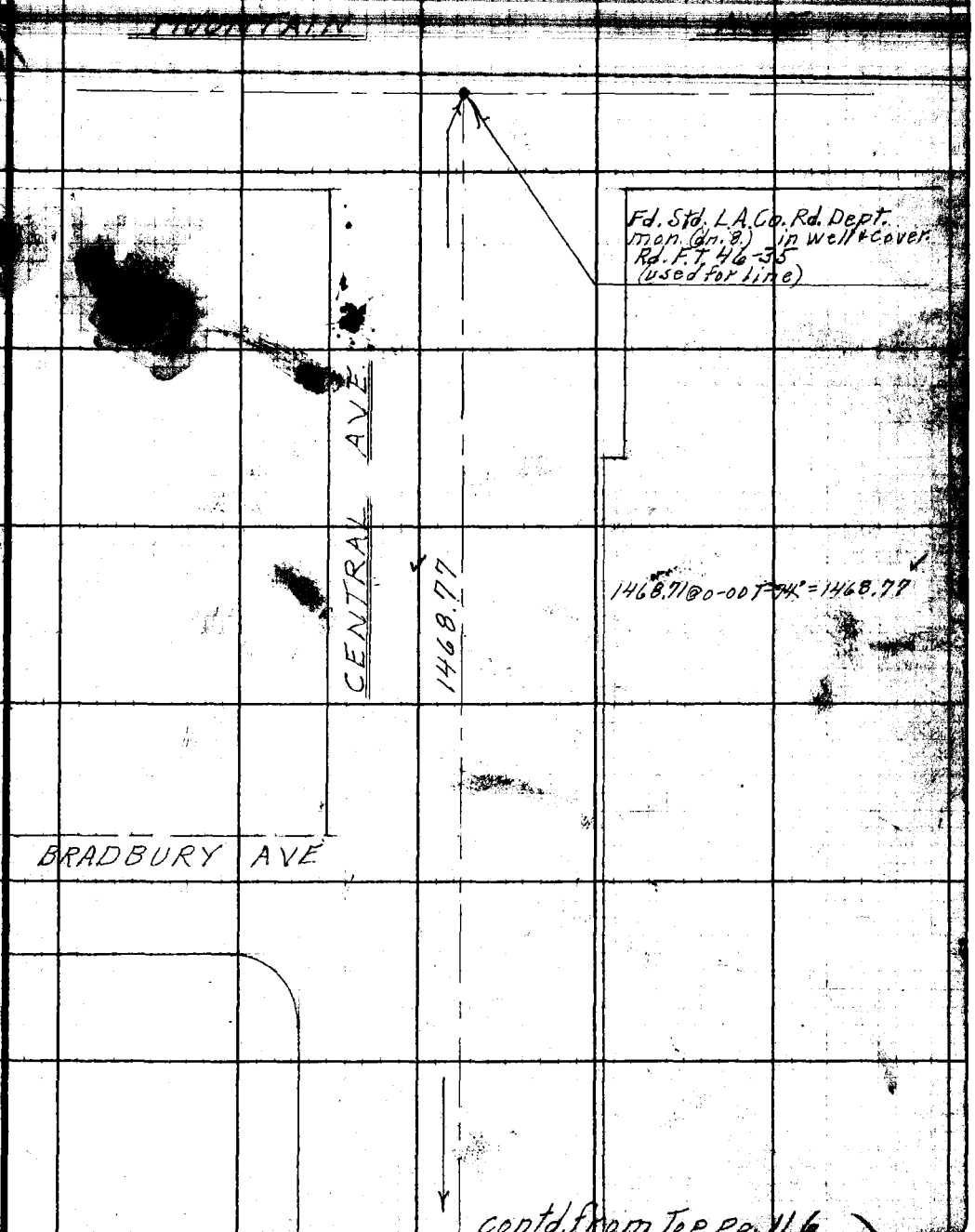
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

WS 46, C-1

PWFB 1629 239, 240

Notes Ck'd by [illegible]	Survey of SD Project #30 Duarte	F. B. 1991 Pg. 117
Map No.	W. O. 6962 Tape No. 0116 St'd. 68 °F	
Office Work	Surveyed by D.E. Holmes	
Checked	Notes Holmes Date 4-1-58	
Date	Indexed [illegible] C. Johnson	



contd. from Top pg. 116

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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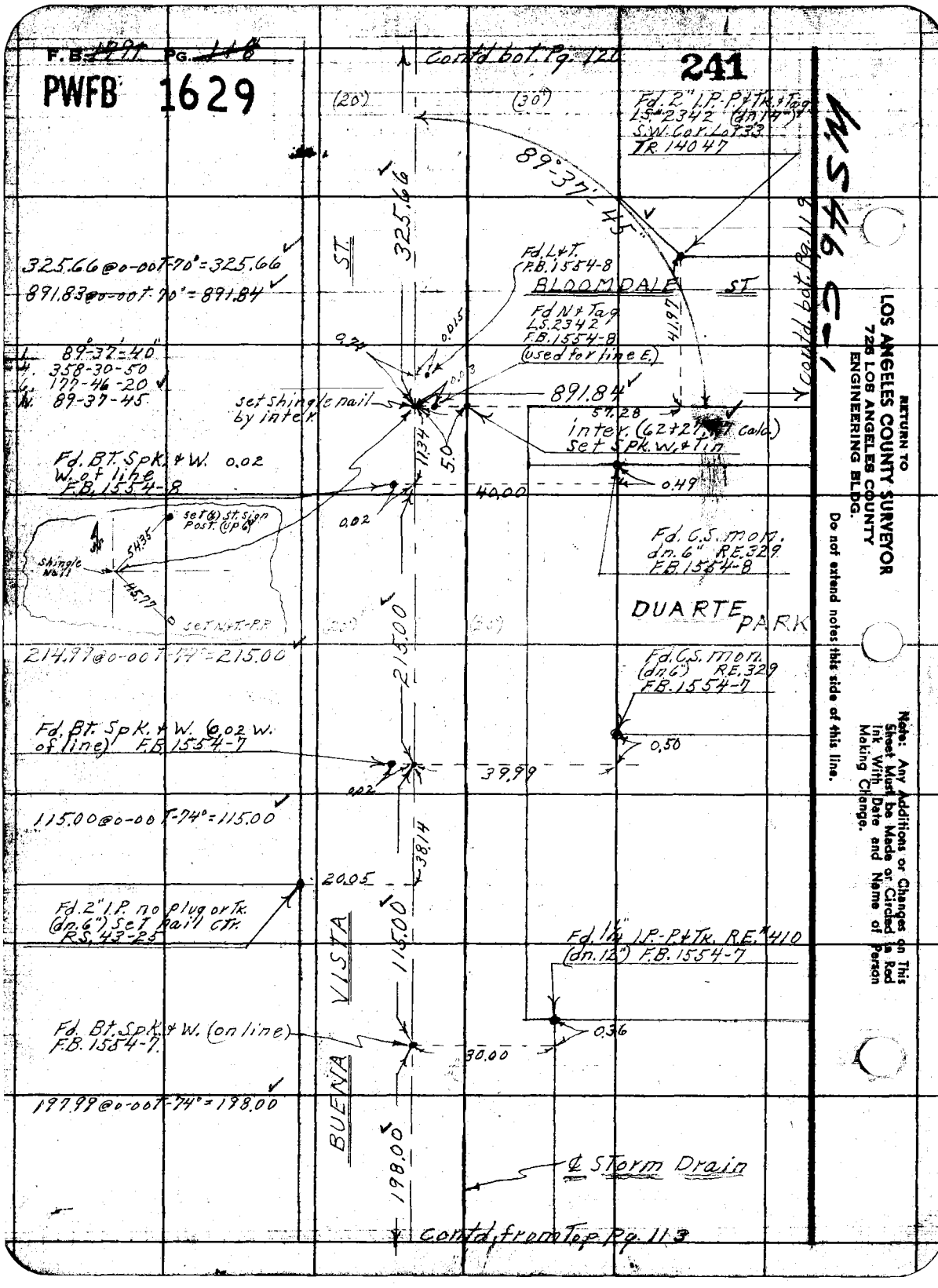
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51


F.B. 1991 PG. 118
PWFB 1629
241
Contd bot. Pg. 120
(20')
(30')
Fd. 2" I.P. P.&Tk.&Tag LS. 2342 (dn. 14") S.W. Cor. Lot 33 TR. 14047
89°-37'-45"
325.66
ST.
325.66 @ 0-00 T-70° = 325.66
891.83 @ 0-00 T-70° = 891.84
Fd. L&T. F.B. 1554-8
BLOOMDALE ST
Fd N&Tag LS. 2342 F.B. 1554-8 (used for line E.)
41.97
0.015
0.74
0.03
L. 89°-37'-40"
4. 358-30-50
6. 177-46-20
N. 89-37-45
set shingle nail by inter.
891.84
57.28
inter. (62+27 Calc.) set Spk. W. & Tin
11.34
5.0
Fd. BT. Spk. & W. 0.02 W. of line F.B. 1554-8
40.00
0.49
0.02
set (4) St. Sign Post. (up 6")
54.35
Shingle Nail
45.77
set N&T-P.P.
Fd. C.S. mon. dn. 6" R.E. 329 F.B. 1554-8
DUARTE PARK
215.00
214.99 @ 0-00 T-74° = 215.00
Fd. C.S. mon. (dn. 6") R.E. 329 F.B. 1554-7
Fd. Bt. Spk. & W. (0.02 W. of line) F.B. 1554-7
0.50
39.99
0.02
115.00 @ 0-00 T-74° = 115.00
38.14
20.05
Fd. 2" I.P. no plug or Tk. (dn. 6") Set nail Ctr. R.S. 43-25
115.00
Fd. 1¼" I.P.-P.&Tk. R.E. #410 (dn. 12") F.B. 1554-7
VISTA
Fd. Bt. Spk. & W. (on line) F.B. 1554-7.
0.36
30.00
BUENA
197.99 @ 0-00 T-74° = 198.00
198.00
℄ Storm Drain
Contd. from Top Pg. 113
Contd. bot. Pg. 119
M546 C-1
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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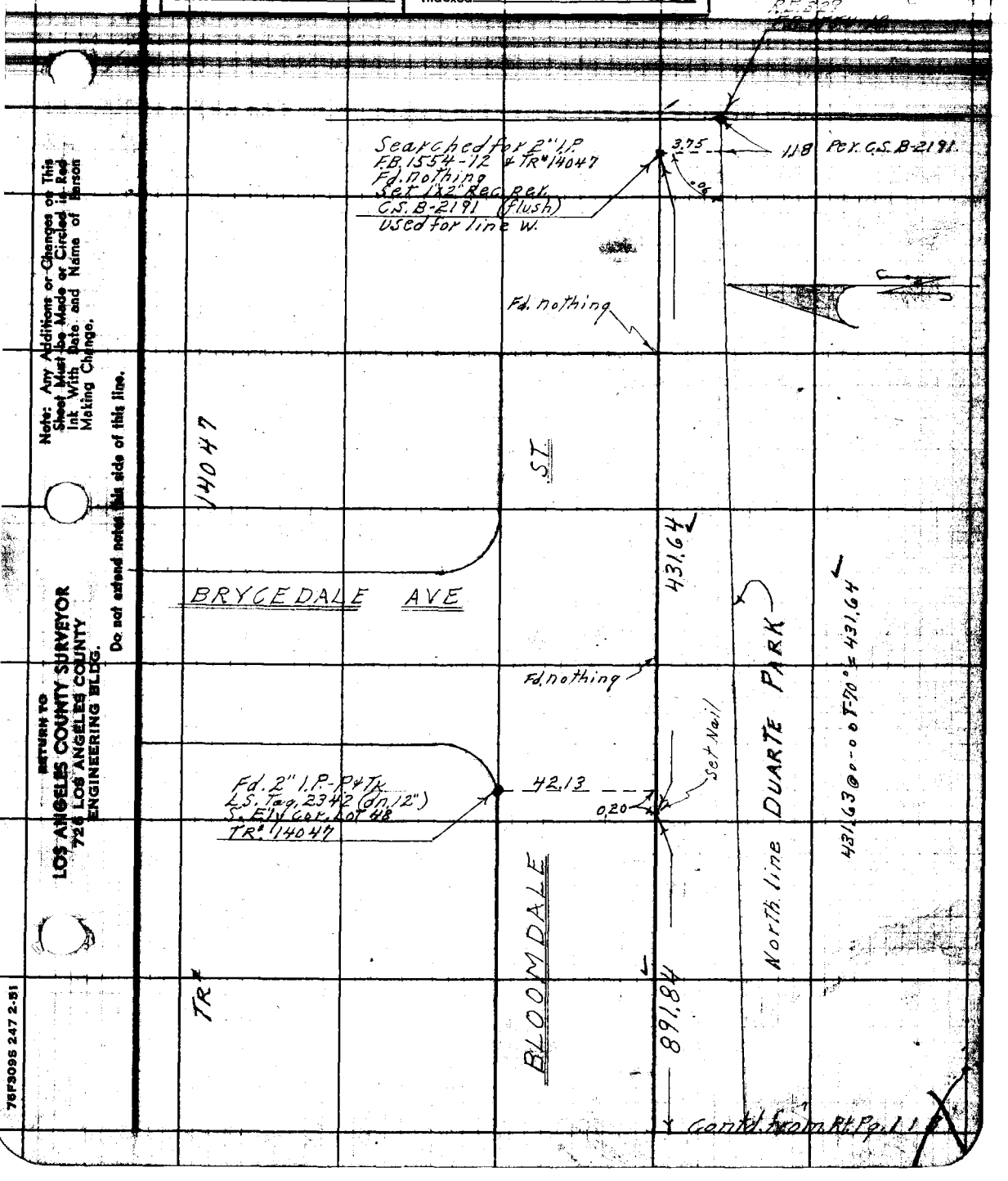
PWFB 1629

242

Notes Ck'd by [illegible]	Survey of SD Project #30 Duarte	F. B. 1791 Pg. 119
Map No.	W. O. 6963 Tape No. 0116 St'd. 68 °F	
Office Work	Surveyed by D.E. Holmes	
Checked	Notes Holmes Date 4-2-53	
Date	Indexed A. C. Johnson	



Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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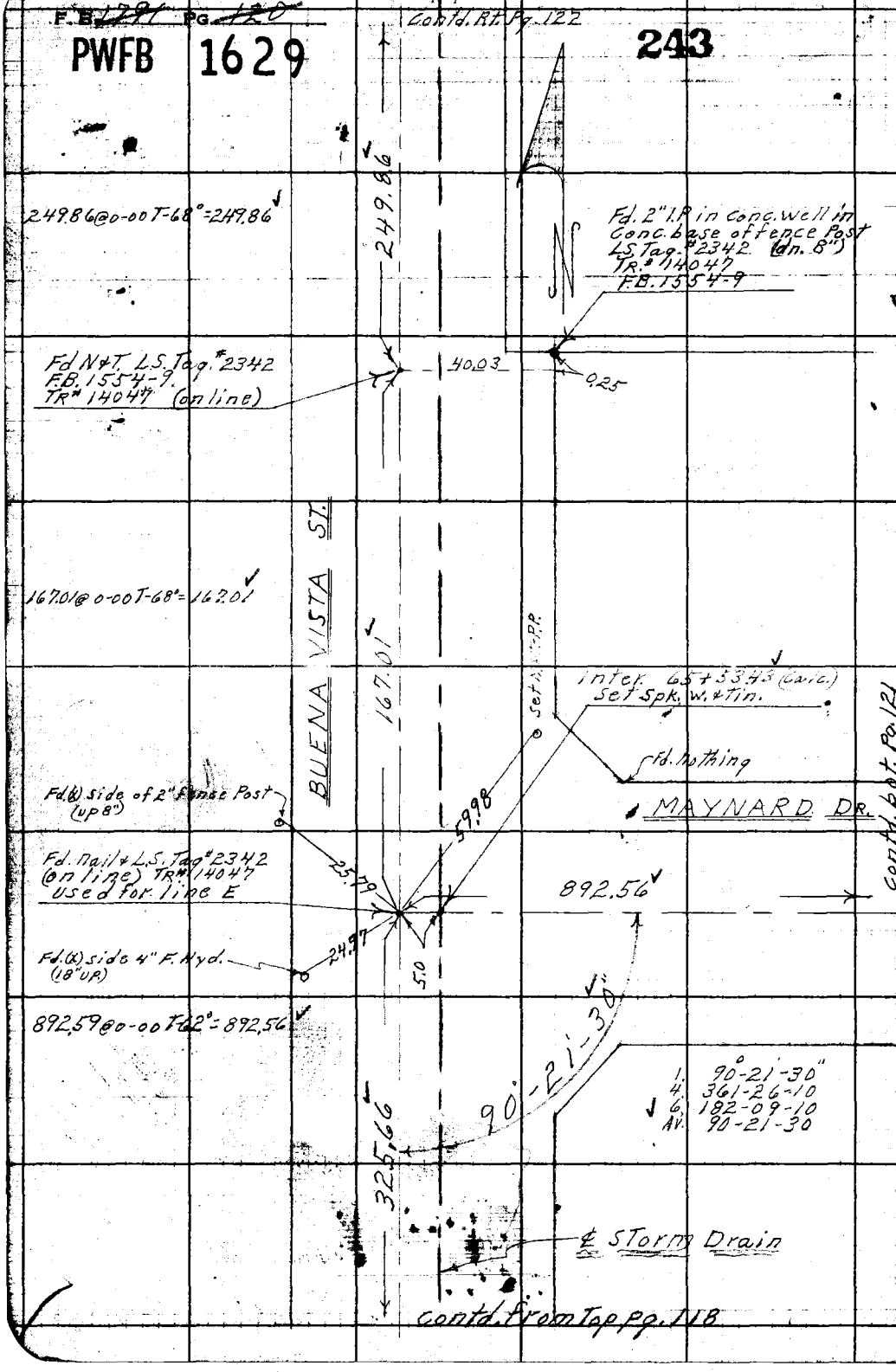
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. ~~1791~~ PG. ~~120~~

PWFB 1629

243



M546, C-1

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1629 244

Notes Ck'd by [illegible]	Survey of S.D. Project #30 "Duarte"
Map No.	W. O. 6763 Tape No. 0116 St'd. 68 °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes Holmes Date 4-3-53
Date	Indexed A. C. Johnson

F. [illegible] Pg. 121

WS 44 D-1

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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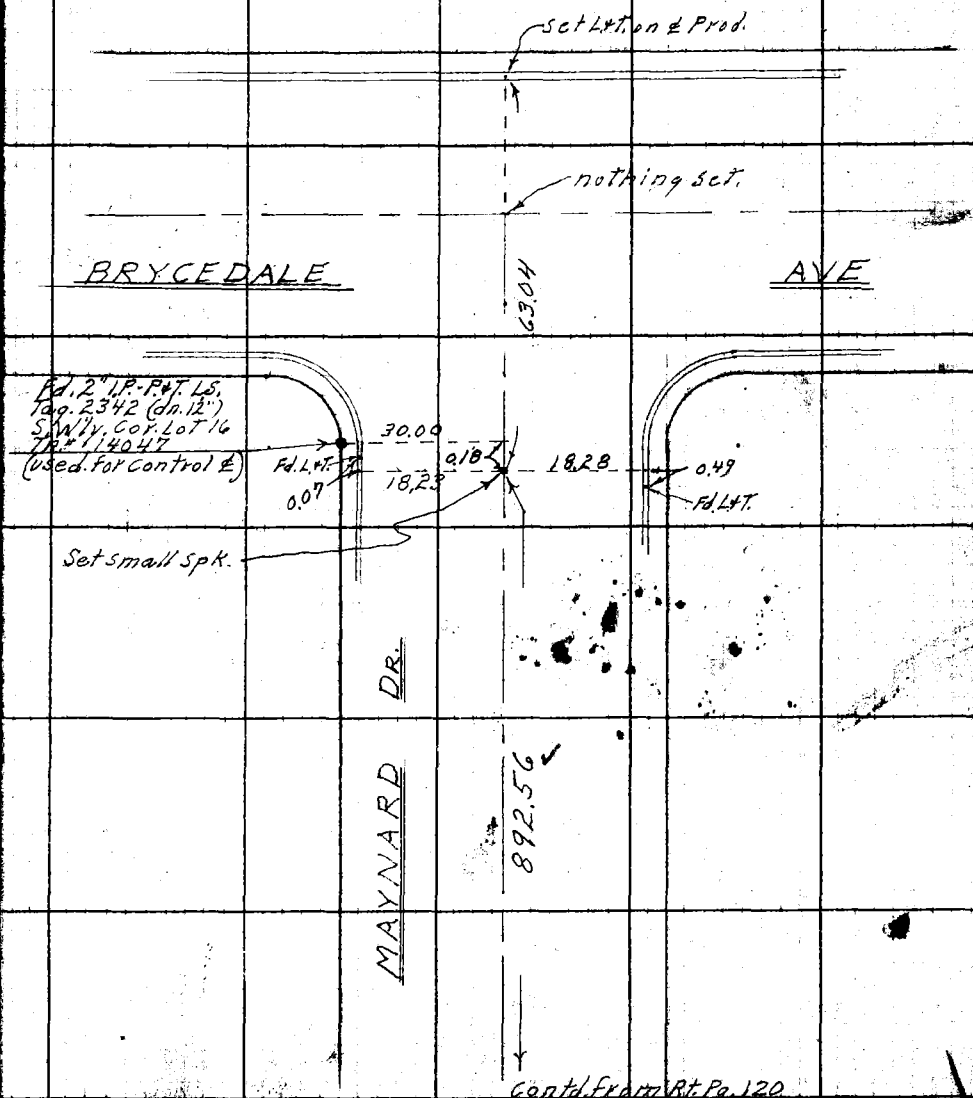
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.



Contd. from Rt. Pg. 120

76F3095 247 2-51

PWFB 1629 245, 246

F.B. 465 PG. 122

Fd. P.K. in W. Spk. (dn. 3") F.B. 405-48 F.B. 465-189 Tr# 140.47 (used for line w.)

Replaced with 1" I.P. (flush)

50.0.6

Fd 6"x6" conc. mon. Nail Ctr. (up 8") F.B. 405-48 F.B. 465-189 Tr# 140.47 (mon. may have been shifted due to dirt fill)

1323.88 @ 0-00 T-68° = 1323.88

1	90°-22'-10"
4	361-28-10
6	182-12-20
Av	90-22-05

1	89°-38'-40"
4	358-34-50
6	177-52-10
Av	89-38-40

Fd. Nail + R.E. Tag #2000 on line (no meter)

Cont'd Rt. Pg. 124

℄ of improved Huntington Dr. Set 1" I.P. (flush) on line to North. (See note at bot. Pg.)

STORM DRAIN

Fd. (x) in walk (2" back of Cb.)

Angle PT. Set 1" I.P. (flush) by Tes. Pst. F.B. 405-48 (Referred on So. side) See F.B. 1534-9

Inter. 70+20.33 (Calc.) Set Spk. W. ✱ Tin

1323.88

BUENA VISTA ST.

Fd (x) Culv. H.W.

S 18°-14'-40" W

32.89

50.03

100.00

90.00

457.45

249.86

(20)

Top Pg. 120

Cont'd. From

38.95

47.11

50.00

119'

57'

38'

89'

40'

Fd (x) Culv. H.W.

R.P. Set Spk. W. ✱ Tin

R.P. Set Spk. W. ✱ Tin

Fd. (x) in Cb.

HUNTINGTON DR. (FALLINGLEAF AVE) HWY # 66

1	179-57-10
4	359-48-30
6	359-42-50
Av	179-57-10

663.78 @ 0-00 T-68° = 663.78

457.46 @ 0-00 T-64° = 457.45

Fd. 2x2 w/ 2 nails 0.02 North ± 0.01 W. 0.06 West ± 0.02 W. of I.P. Tr# 17121 (destroyed)

Buena Vista

Fd. 1" I.P. (dn. 3") 0.05 W. ± 0.05 N. of line (removed)

℄ Huntington

Fd. Spk. (dn. 5") F.B. 405-48 F.B. 1534-9

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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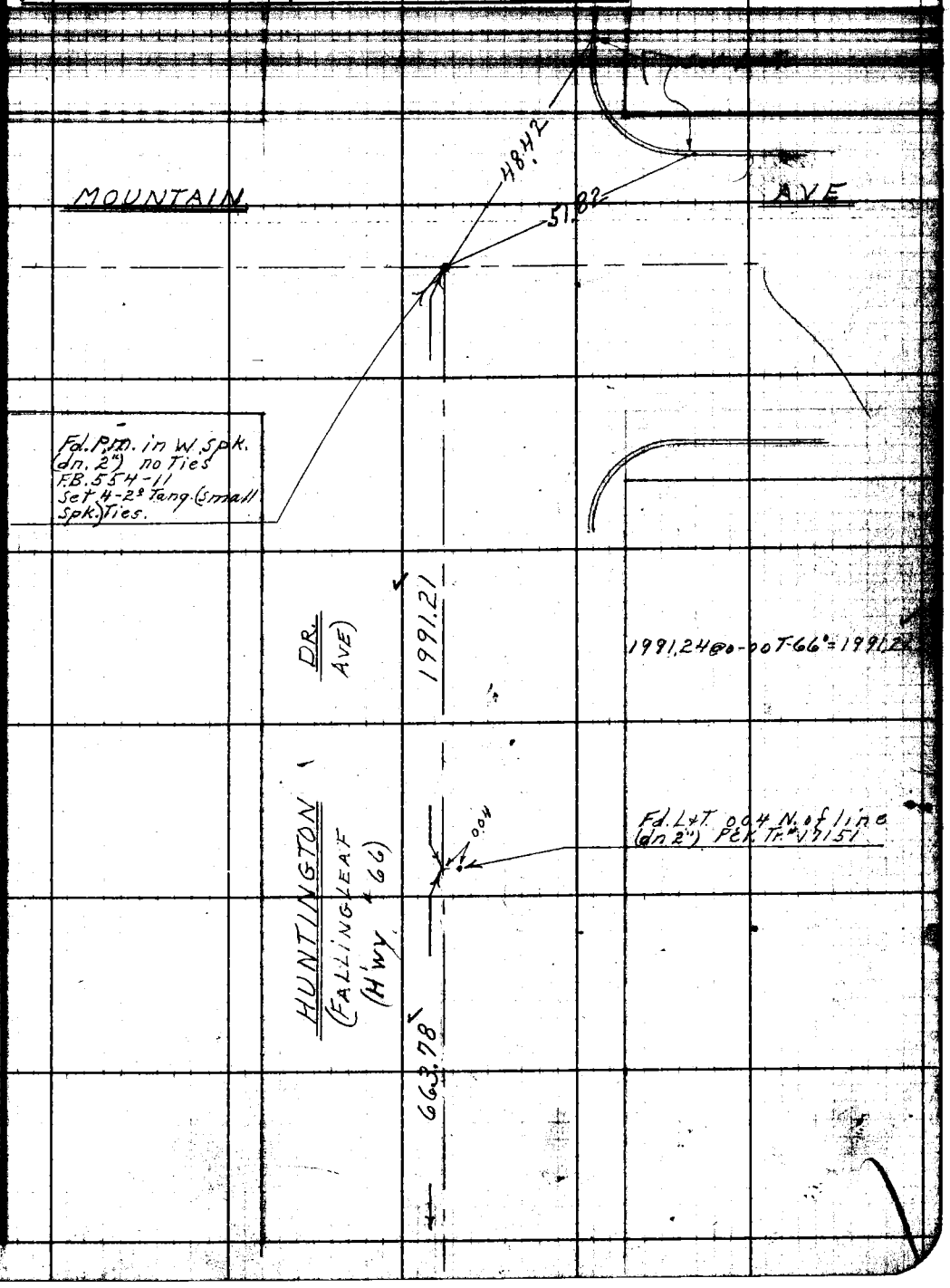
246, 1

PWFB 1629 247, 248

F. B. 1991 Pg. 123

Notes Ck'd by [illegible]	Survey of SD Project "30 Duarte"
Map No.	W. O. [illegible] Tape No. [illegible] Pd. [illegible]
Office Work	Surveyed by D.E. Holmes
Checked	Notes DEH Date [illegible]
Date	Indexed A. C. Johnson



Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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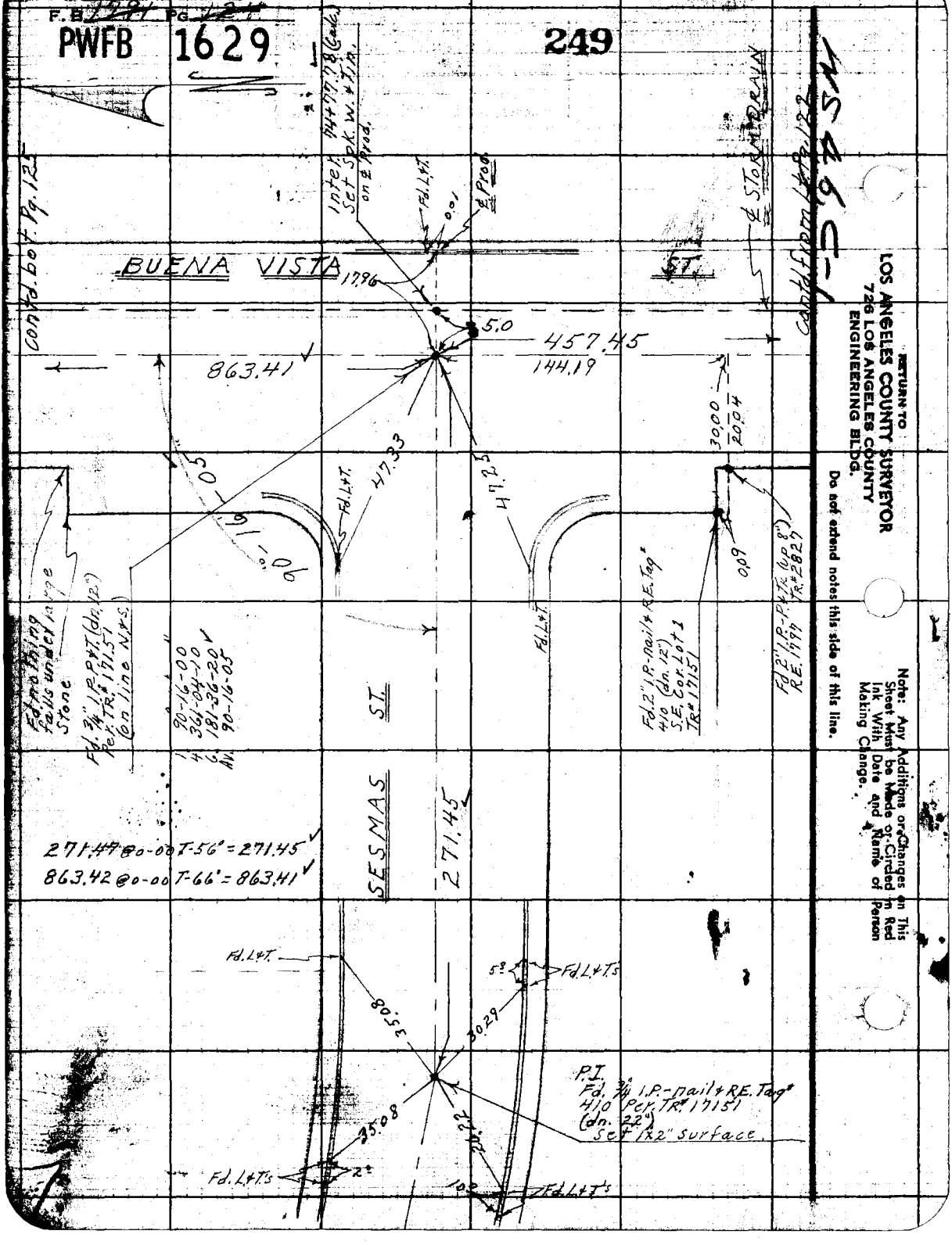
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 2-51

F. B. 1281 Pg. 121

PWFB 1629

249



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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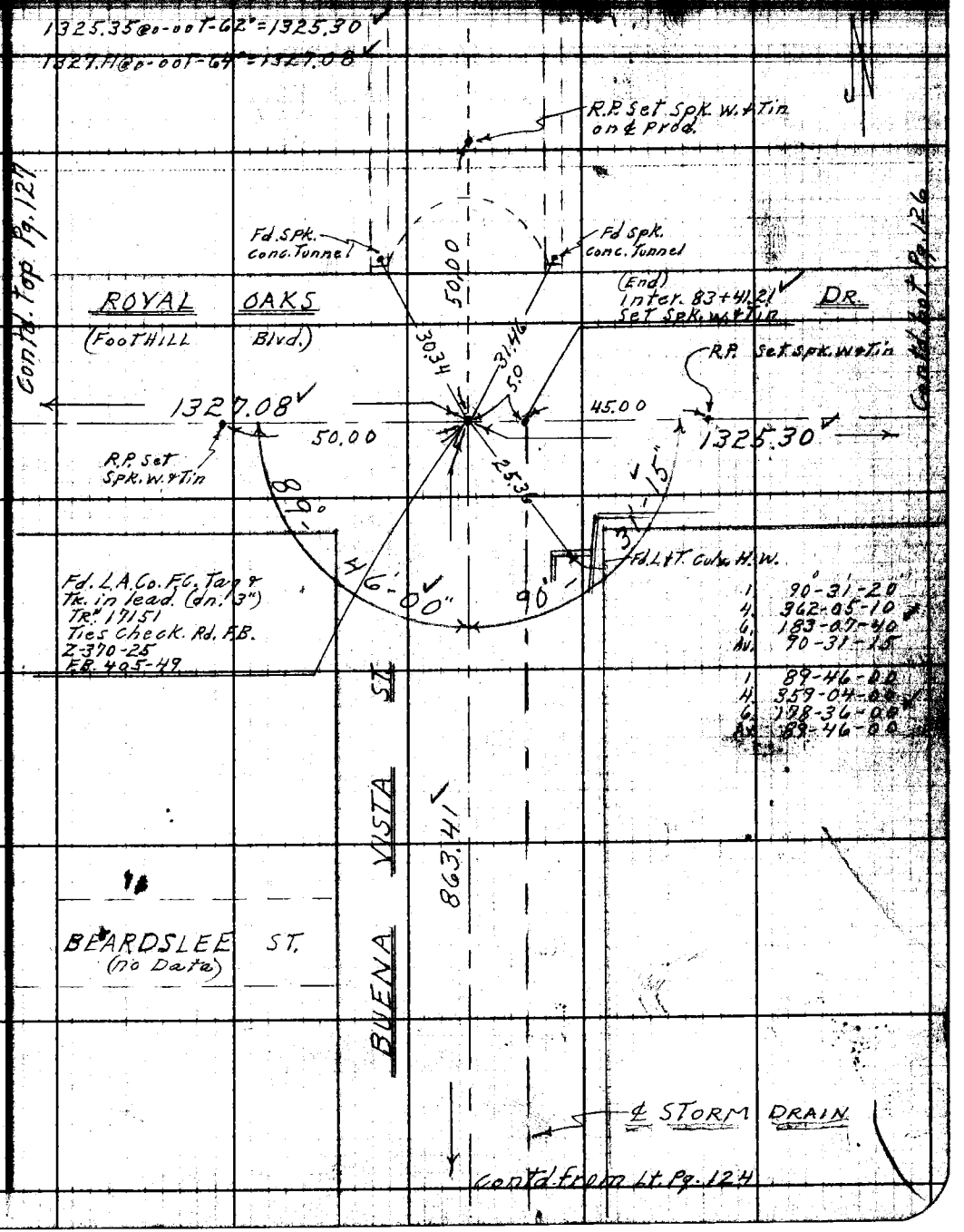
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

PWFB 1629

250

F.B. 1991 Pg. [illegible]

Notes Ck'd by [illegible]	Survey of S.D. Project #30 "Duarte"
Map No.	W.O. 6963 Tape No. 0116 St'd. 68 °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes Holmes Date [illegible]
Date	Indexed A. C. Johnson



Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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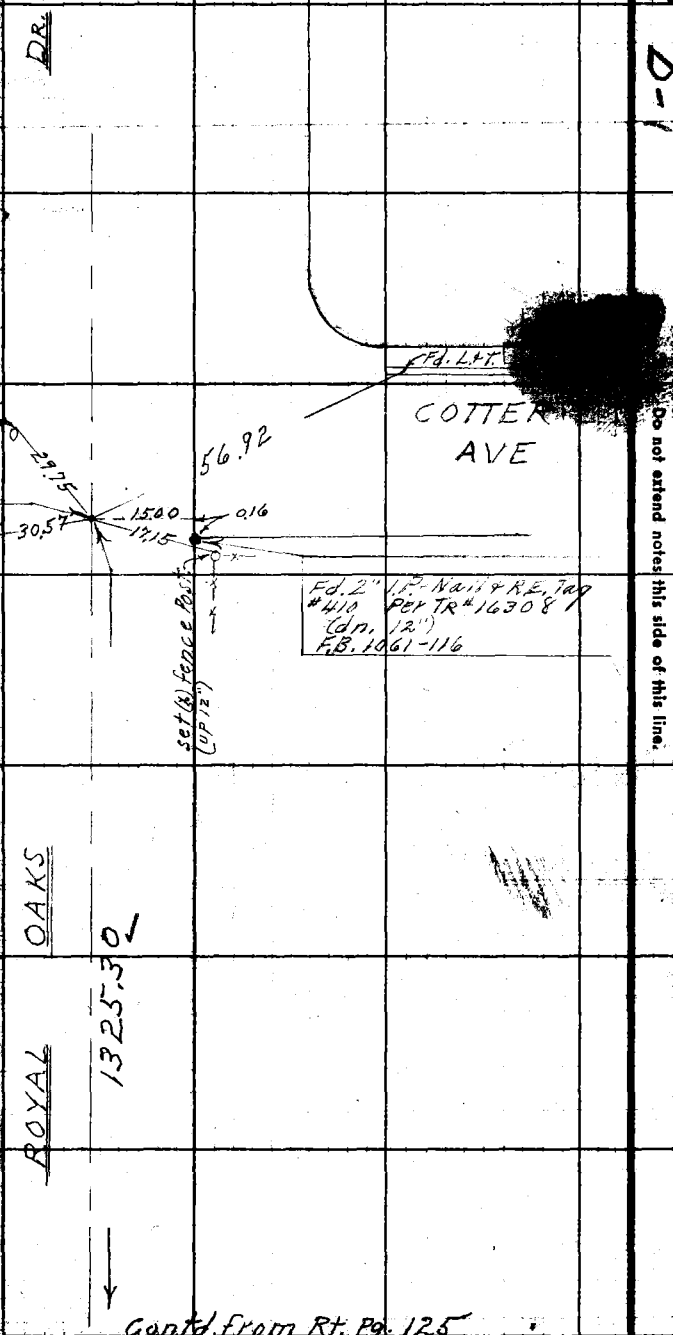
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

F.B. 1991 Pg. 126

PWFB 1629

251



Cont'd from Rt. Pg. 125

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Note: Any Additions or Changes on This Sheet Must be Made in Red Ink With Date and Name of Person Making Change.

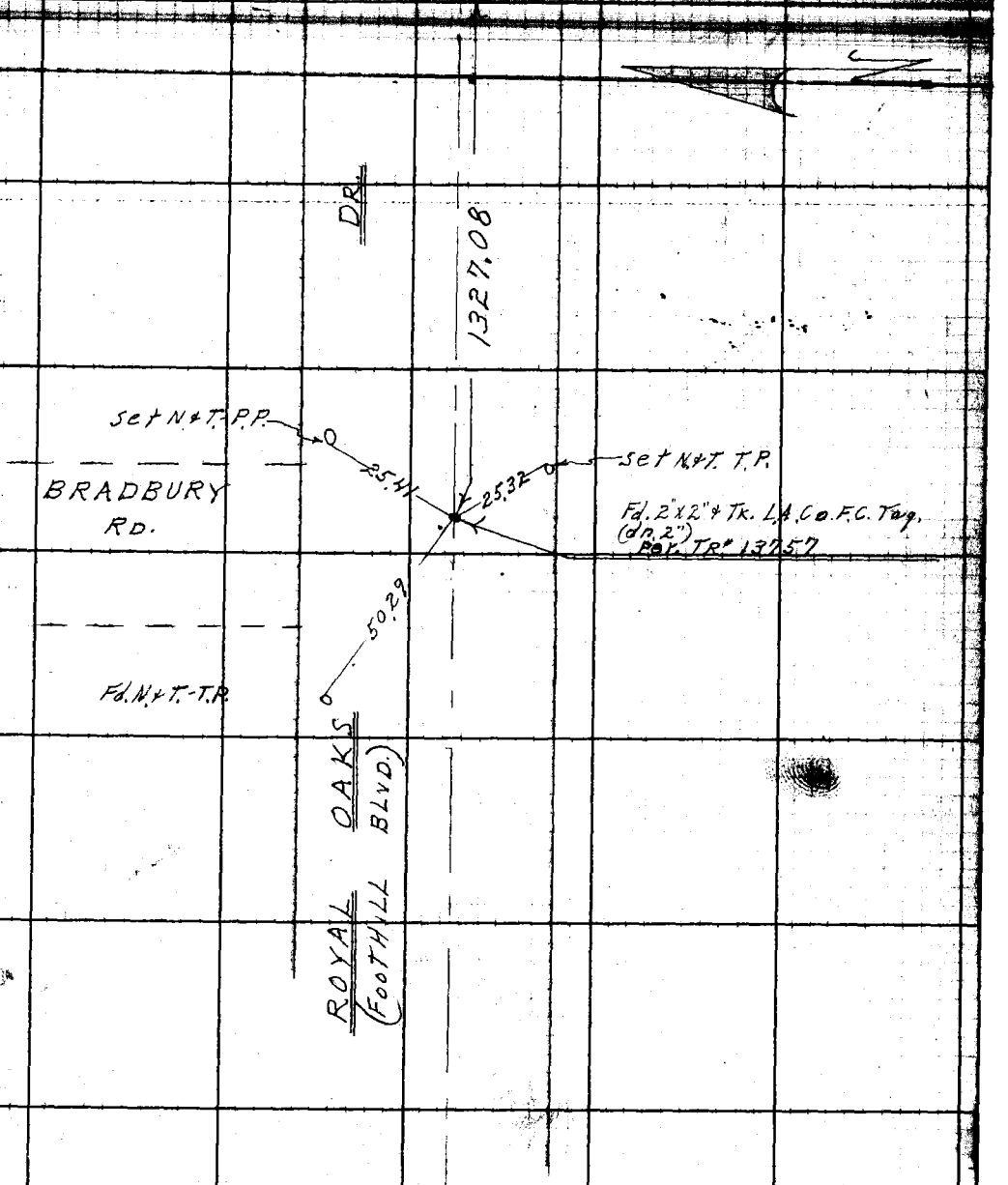
PWFB 1629

252

Notes Ck'd by [illegible]	Survey of SD Project "30" Duarte
Map No.	W. O. 6963 Tape No. 0116 St'd. 68 °F
Office Work	Surveyed by D.E. Holmes
Checked	Notes D.E.H. Date 4-9-53
Date	Indexed R. C. Johnson

F. B. 1991 PG. 127

Contd from Lt. Sg. 123



Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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F.B. 74 PG. 120

Notes Ck'd by	Survey of S.D. Project to Duarte	F.B. 1991 Pg. 131
Map No.	W. O. 6963 Tape No. St'd. °F	
Office Work	Surveyed by Holmes	
Checked	Notes Date	
Date	Indexed A. O. Johnson 4-21-53	

JN. 6963

STORM DRAIN PROJECT #30

BUENA VISTA ST. "DUARTE"

LOCATION of IMPROVEMENTS (Div. #2)

from

DUARTE RD. NORTH TO ROYAL OAKS DR.

Note:

effect taken to cement pipes, Poles

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Changes.

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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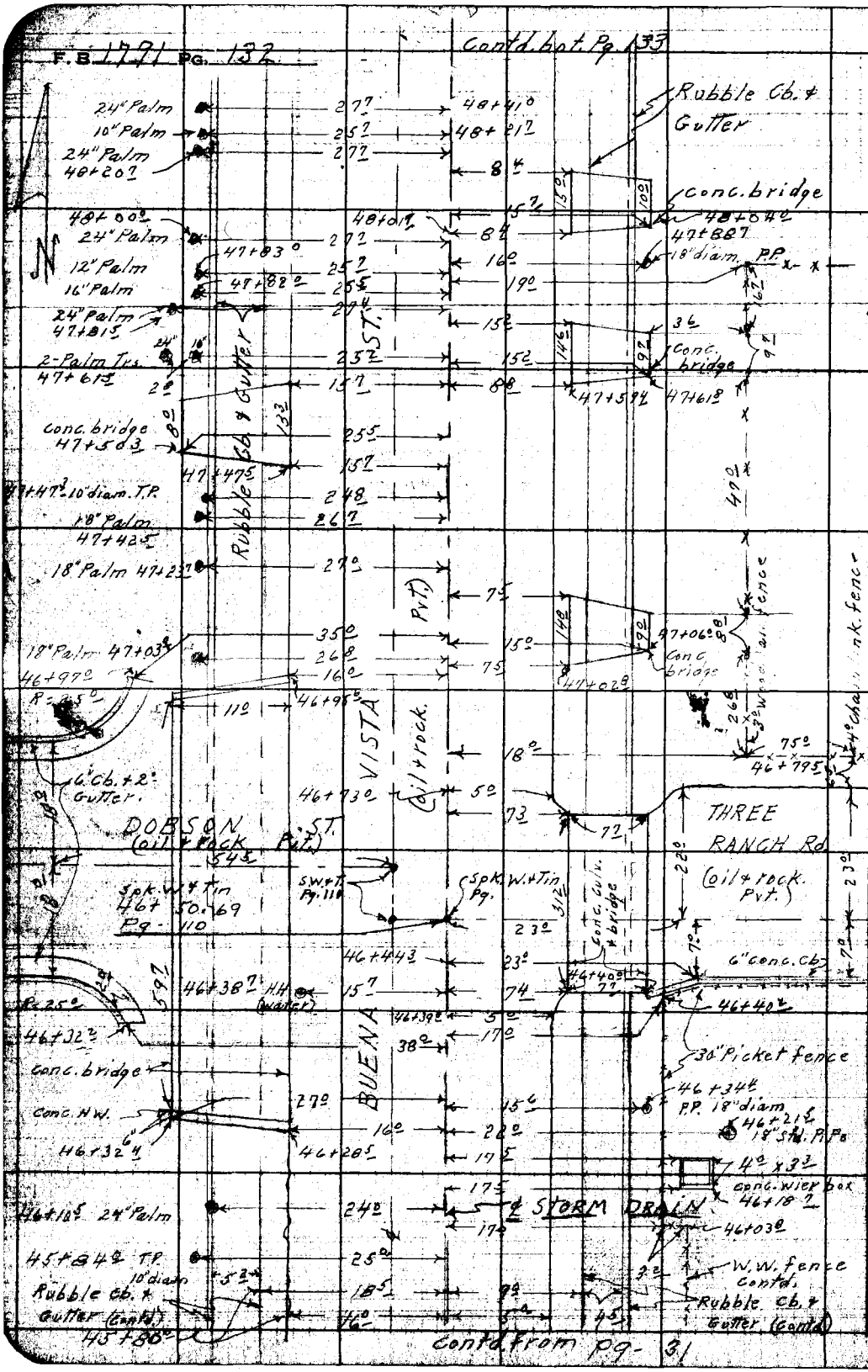
76F3096 247 2-51



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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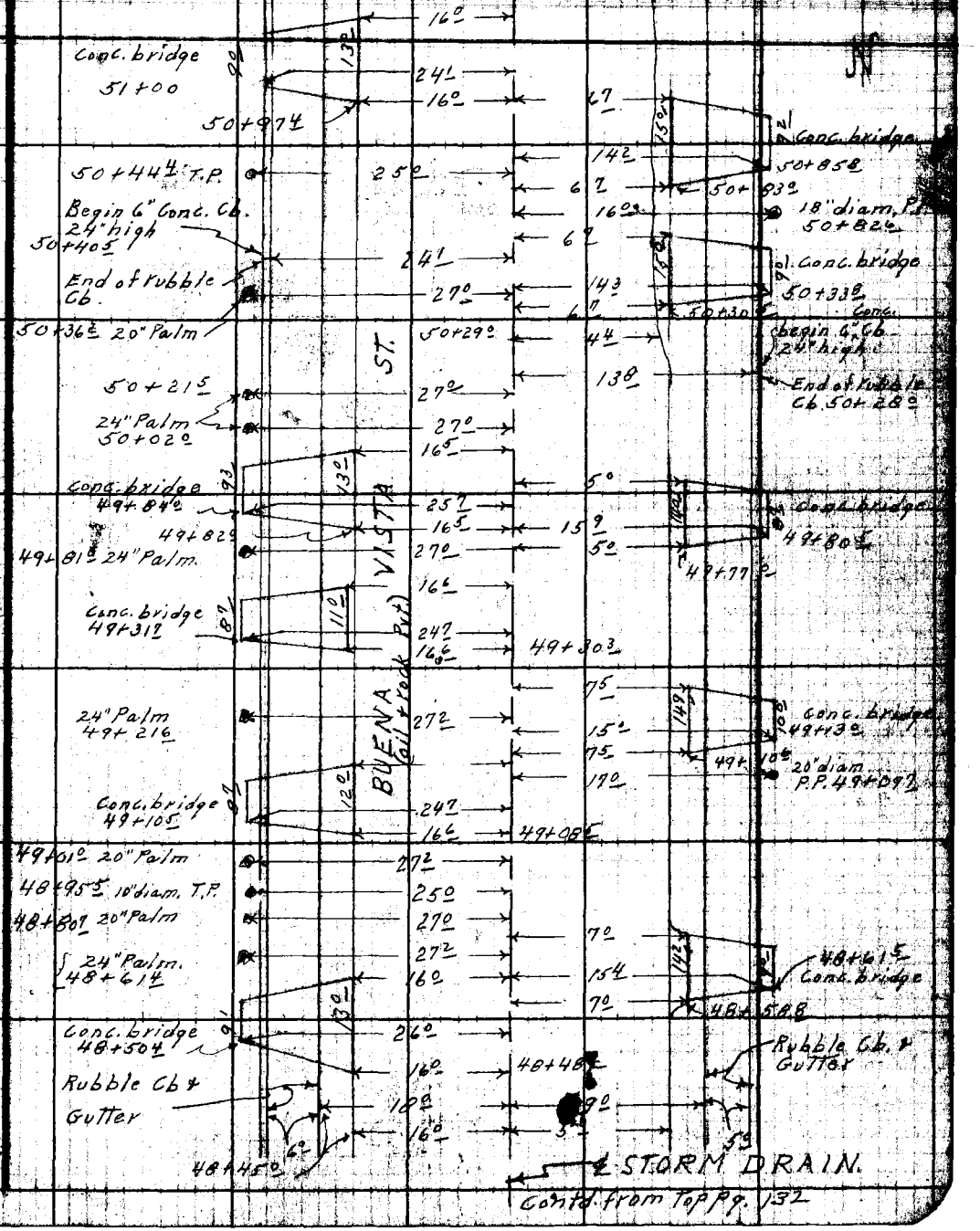
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of S.D. Project #30 "Duarte"	F.B. 1791 Pg. 133
Map No.	W.O. 6963 Tape No. St'd. °F	
Office Work	Surveyed by Holmes	
Checked	Notes Holmes Date 4-10-53	
Date	Indexed A. C. Johnson	

Contd. from Pg. 13



Contd. from Top Pg. 132

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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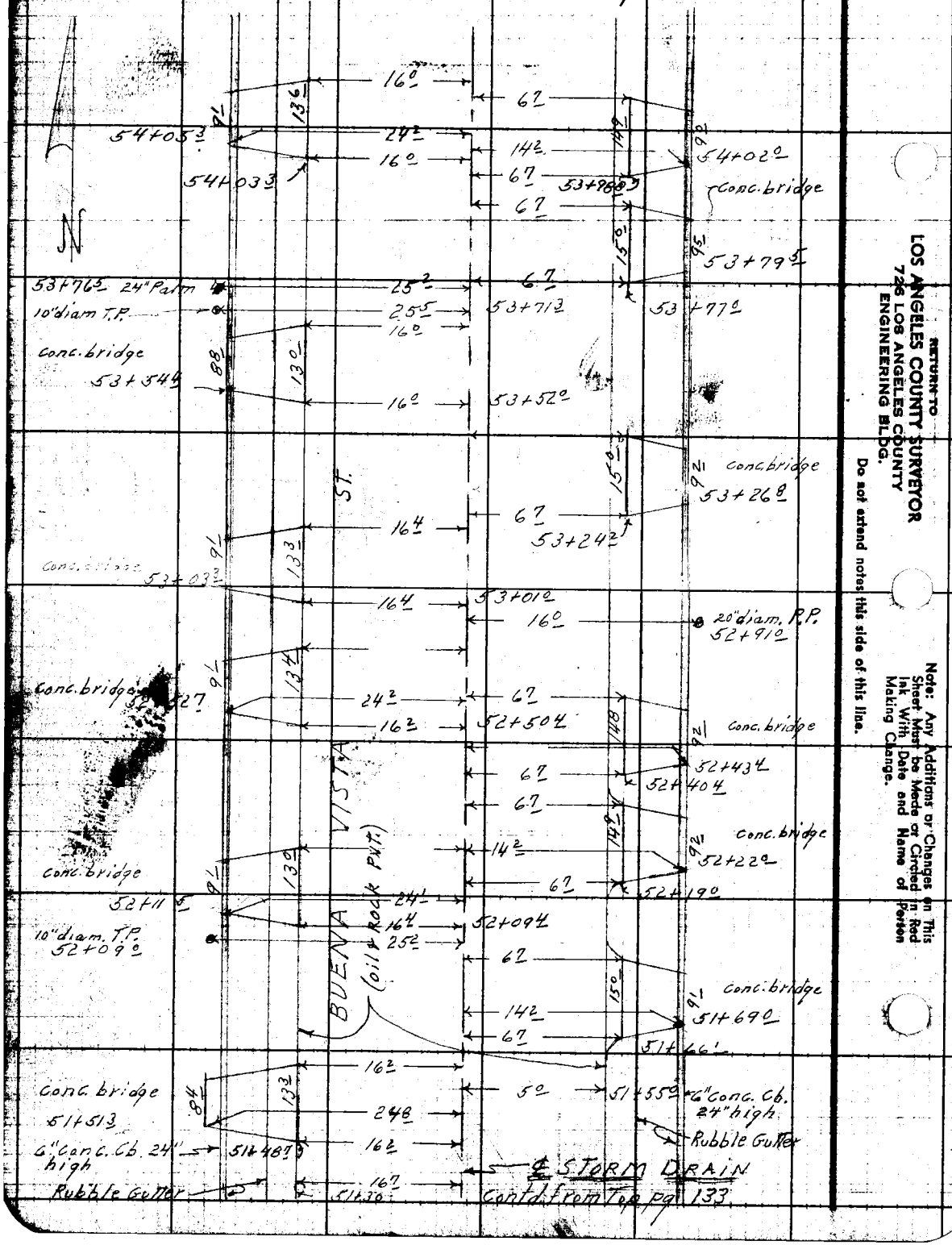
RETURN TO LOS ANGELES COUNTY SURVEYOR 726 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3006 247 2-51

F.B. 1091 Pg. 134

Contd. bot. Pg. 133



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

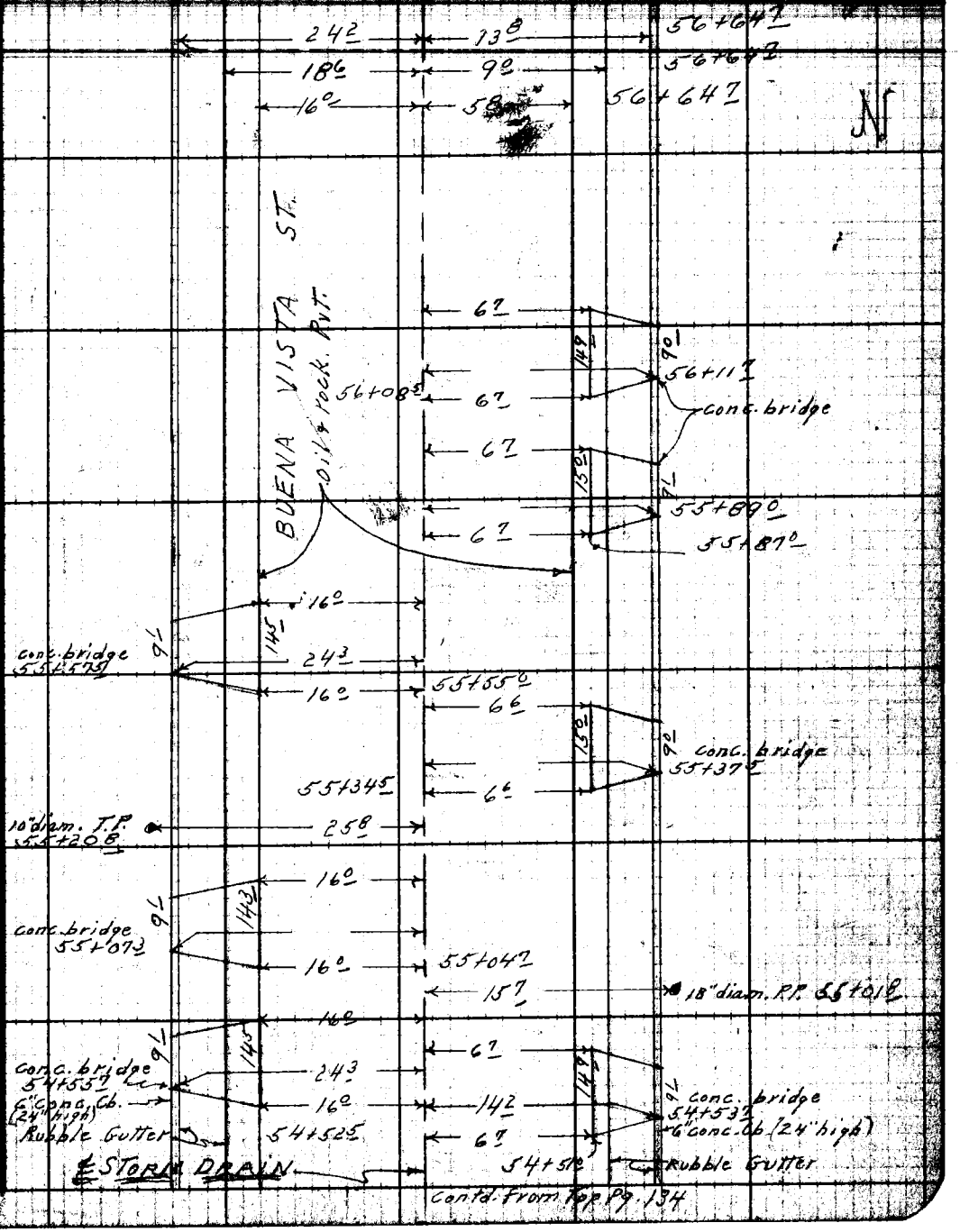
Do not extend notes this side of this line.

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey Ck'd by "Duarte"
Map No.	W. O. 6963 Tape No. St'd. °F
Office Work	Surveyed by Holmes
Checked	Notes Holmes Date 4-10-53
Date	Indexed C. Johnson

F.B. 1791 Pg. 135

Contd. Top Pg. 136



Contd. from Top Pg. 134

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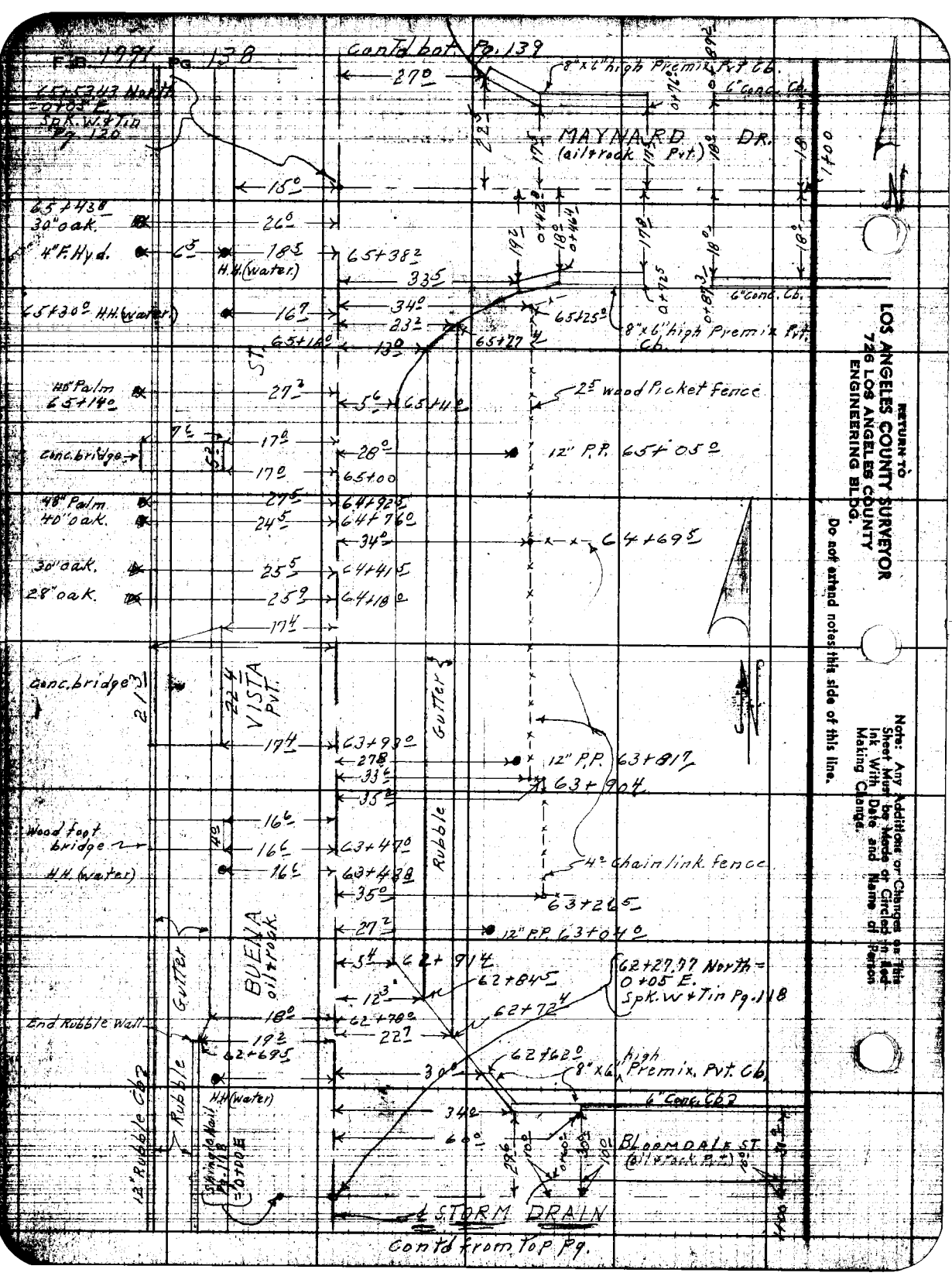
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 2-51



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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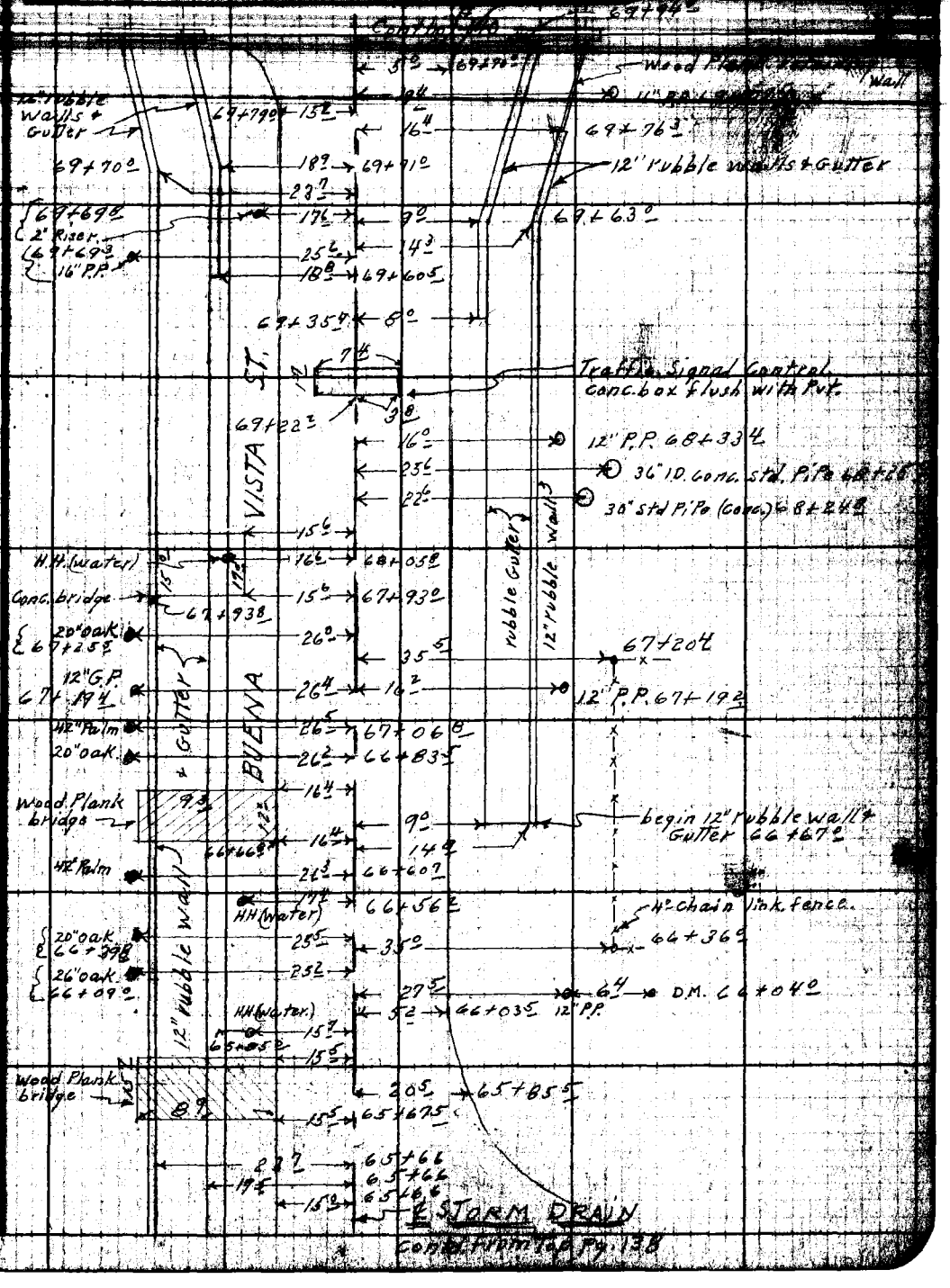
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of SD Project 1430 Quart
Map No.	W. O. 6963 Tape No. St'd. °F
Office Work	Surveyed by Holmes
Checked	Notes Holmes Date 4-13-53
Date	Indexed K. C. Johnson

F. B. 1290 Pg. 137

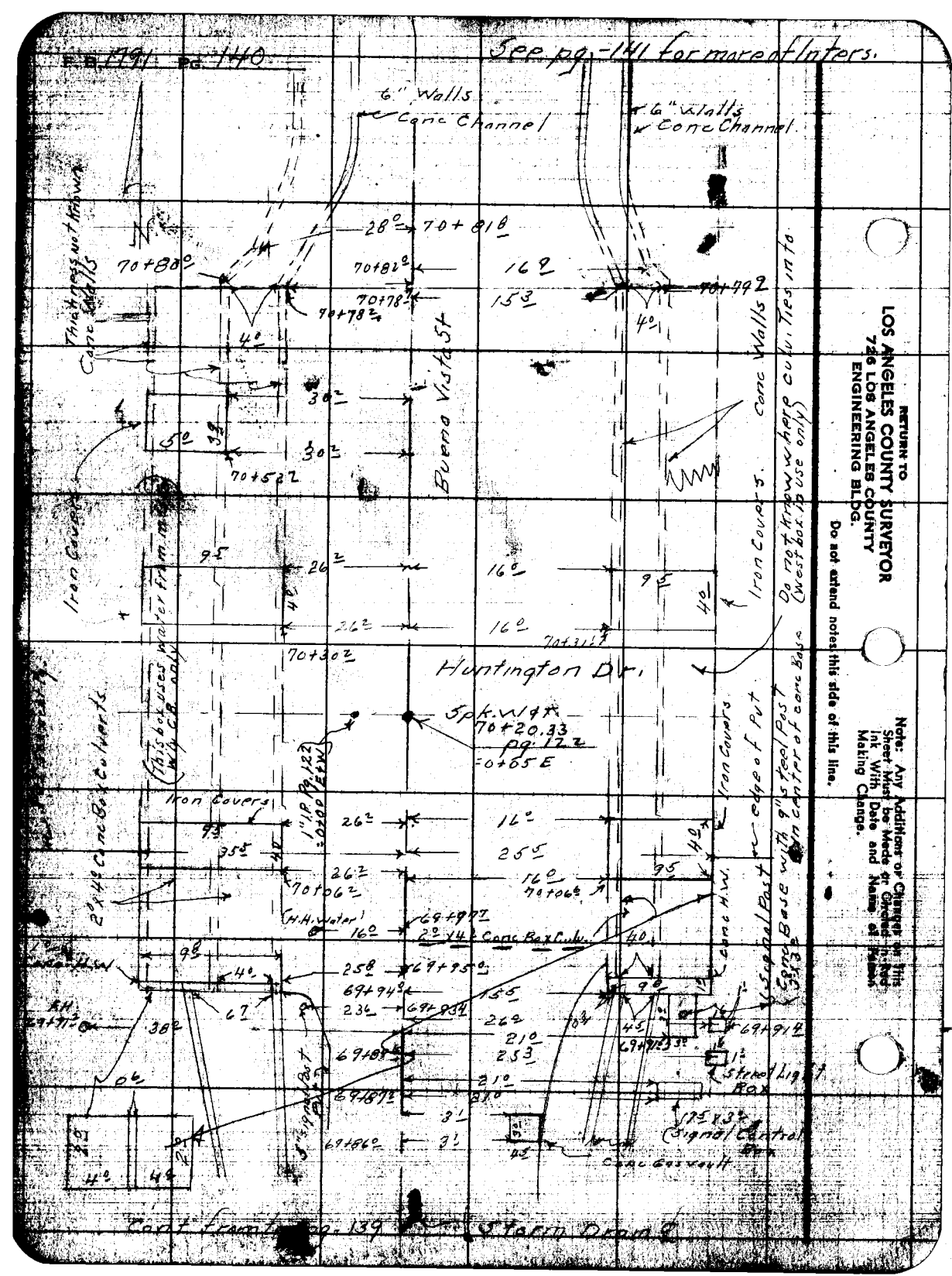


Contd. from Pg. 138

Notes: Any Additions or Changes on This Sheet Must be Made as Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.



RETURN TO
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76FS0BS 247 R-61

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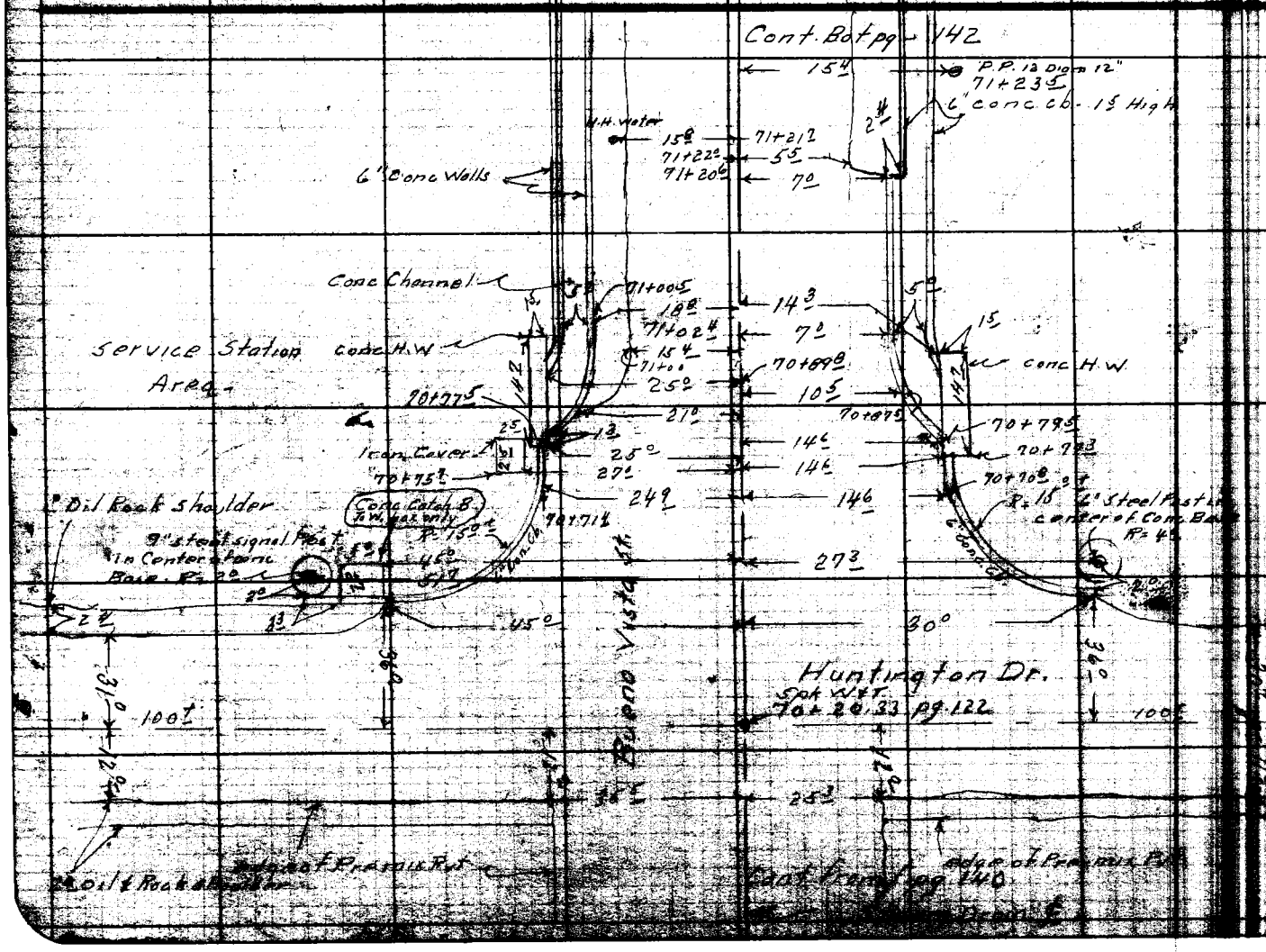
Do not extend notes this side of this line.

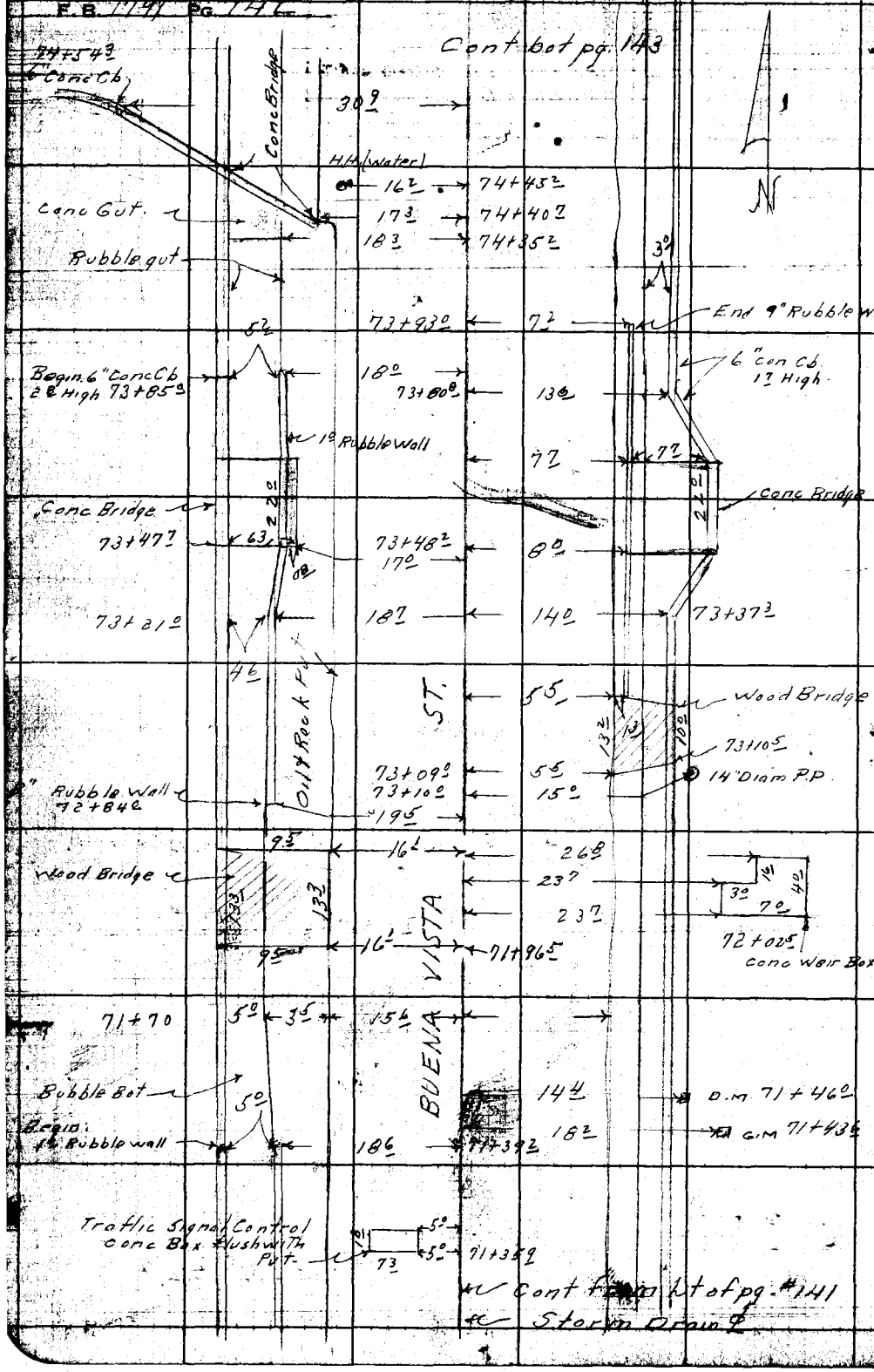


Notes Ck'd by
Map No.
Office Work
Checked
Date

W.O. 6963 Tape No. St'd. °F
Surveyed by D.E. Holmes
Notes A.R.B. Date
Indexed R. C. Johnson

F.B. 1791 Pg. 141

F.B. 1791 Pg. 142



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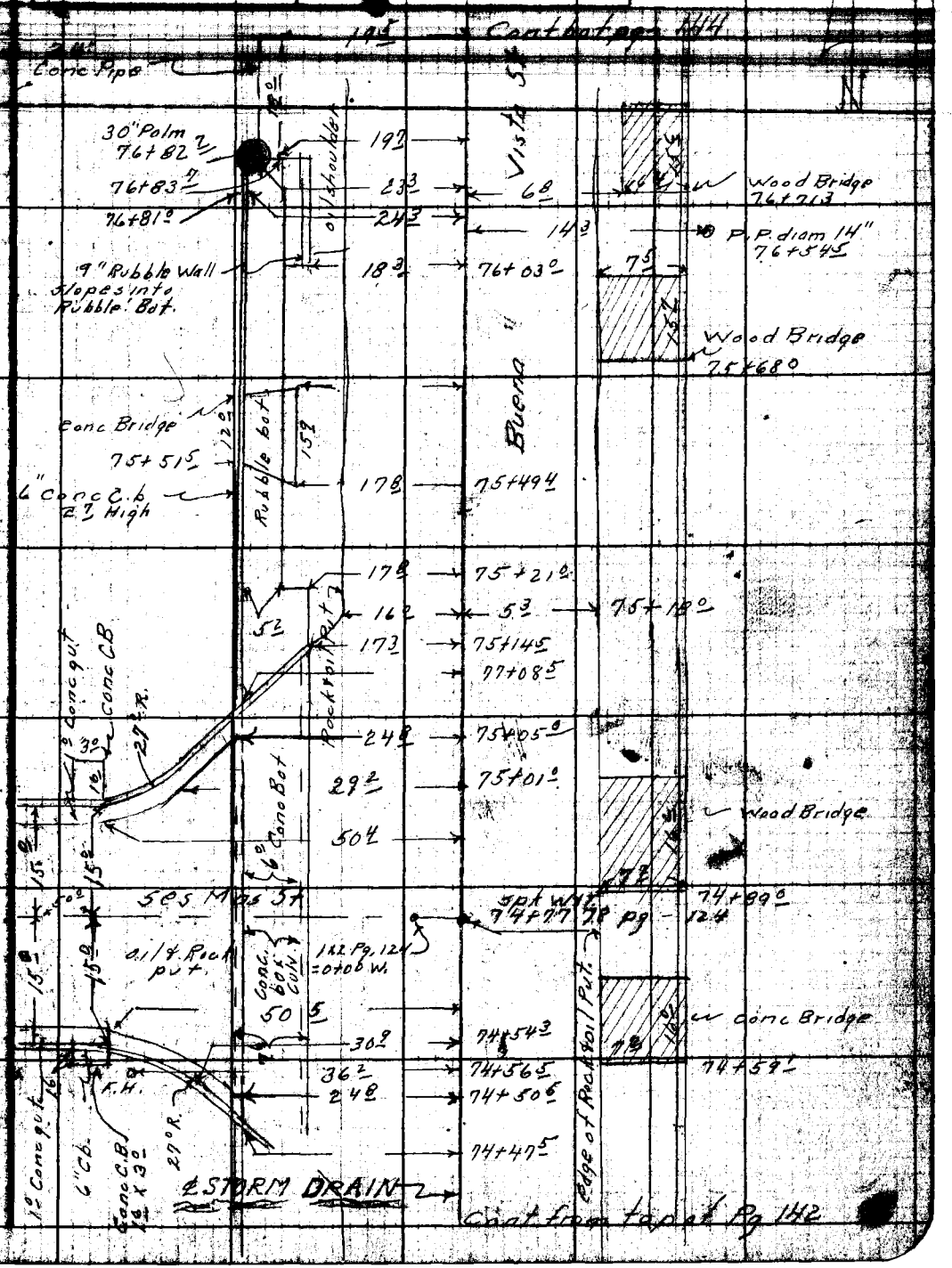
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink, With Date and Name of Person Making Change.

Notes Ch'd by	Survey of S.D. Proj #20 Quarter	F.B. 1991 Pg. 143
Map No.	W.O. 6963 Tape No. St'd. °F	
Office Work	Surveyed by D.E. Holmes	
Checked	Notes A.R.B. Date 4-14-53	
Date	Indexed K. C. Johnson	



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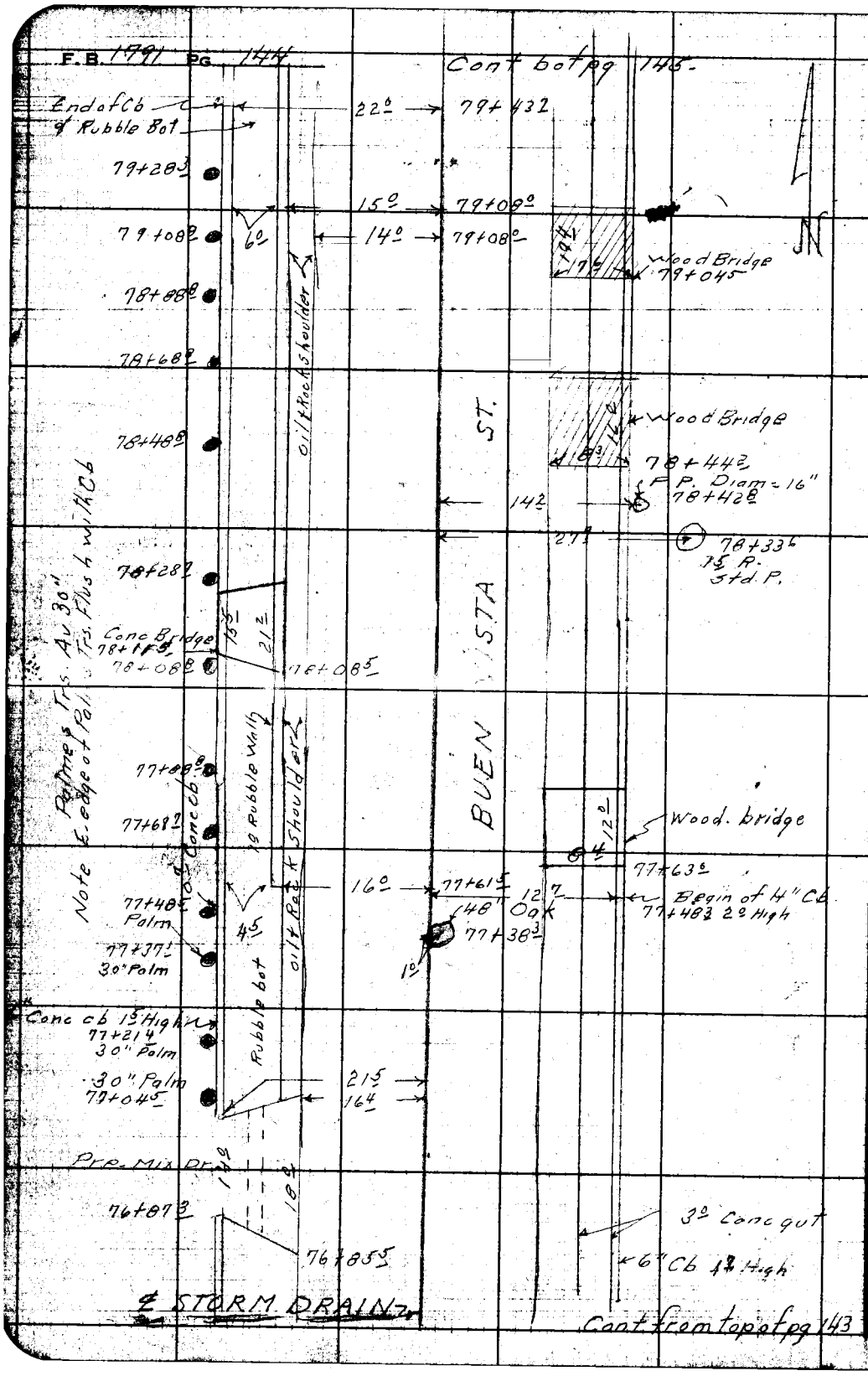
ENGINEERING BLDG.

TSF3095 247 2-51



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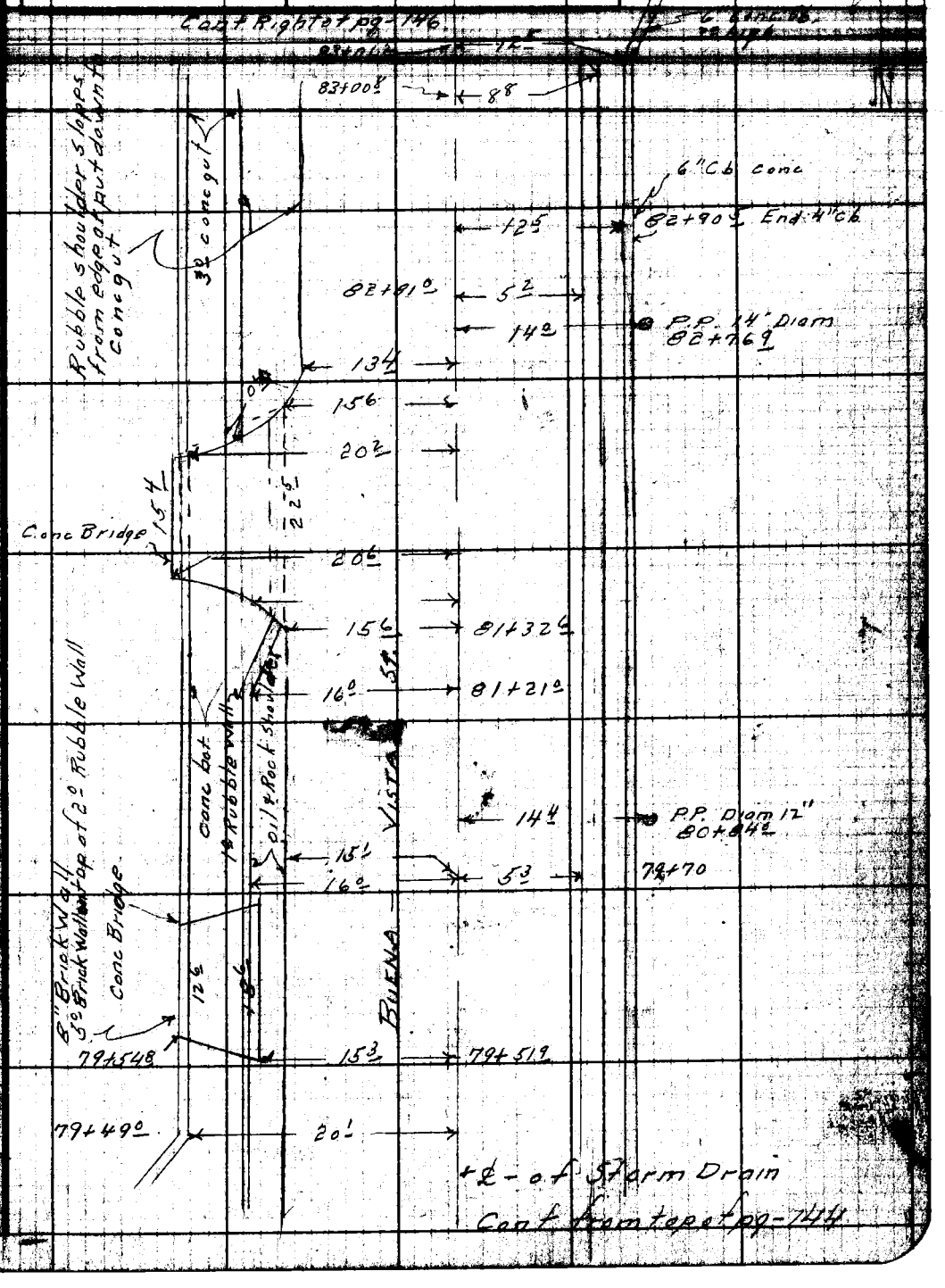
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of S.O. Proj. #3 Duarte	F.B. 1791 Pg. 145
Map No.	W.O. 6963 Tape No. St'd. °F	
Office Work	Surveyed by D.E. Holmes	
Checked	Notes A.R.B. Date	
Date	Indexed A. C. Johnson	



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LOS 247 2-51

RETURN TO LOS ANGELES COUNTY SURVEYOR 108 LOS ANGELES COUNTY ENGINEERING BLDG.

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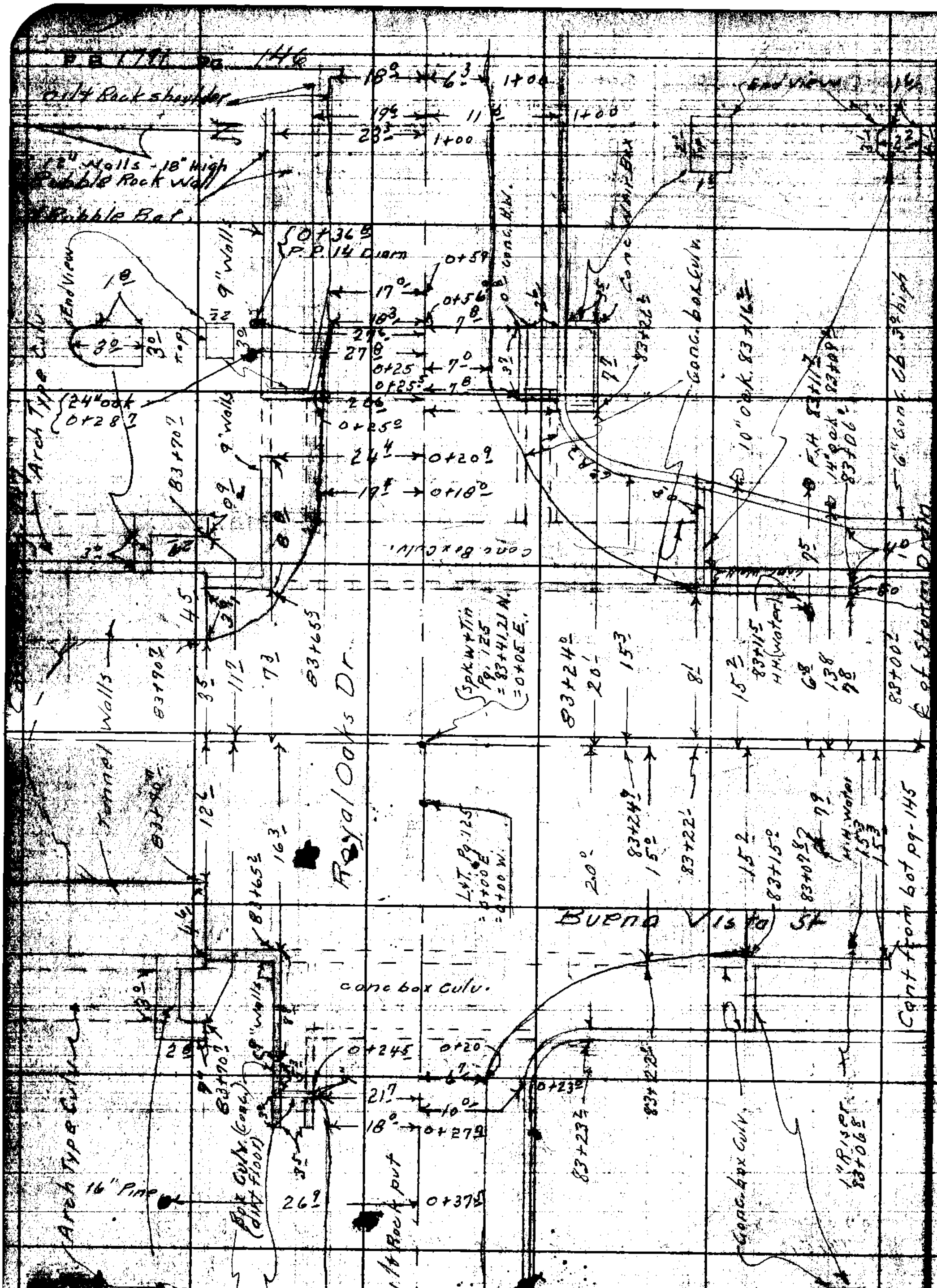
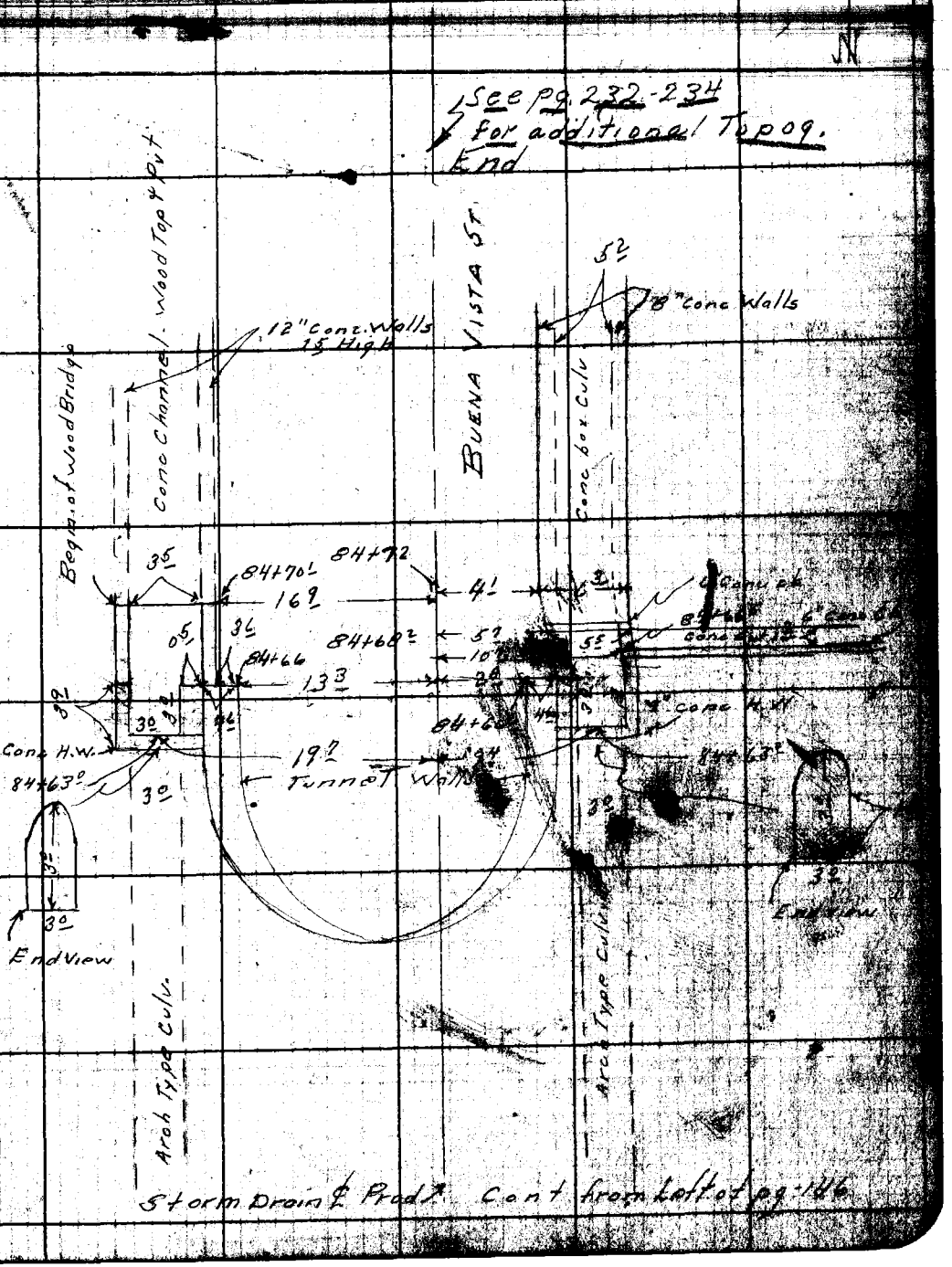


Notes Ck'd by	Survey of S.D. Proj. 30 Quarter	F.B. 1791 PG. 147
Map No.	W.O. 6963 Tape No. St'd. °F	
Office Work	Surveyed by D.E. Holmes	
Checked	Notes A.R.B. Date	
Date	Indexed A. C. Johnson	



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F.B. _____ PG. 148

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. ____ Division No. ____ Survey of ____

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Map No. ____ Notes ____ Checked ____ Date 4-21-[illegible]

F. B. 1791 Pg. [illegible]

J.N. 6963

STORM DRAIN PROJECT #30 (Div #2)

BUENA VISTA ST. "DUARTE"

"Cross Section" on ℄ Buena Vista St.

From:- Duarte Rd. North 200'

STATION	B. S.	H. I.	F. S.	ELEV.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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Do not extend notes this side of this line.

761.298 [illegible]

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Note- Two stations of Cross-sections taken No. of intersection of Duarte Rd. & Buena Vista St, on ℄ of Buena Vista St. to Complete Div #1 - Cross-section (3/4" I.P. pg 30 F.R.W. = 0+00 going North).						
					KK-4 - Elev. 454.749	F.B. 1791-35
KK-4				454.749	Buena Vista St & Duarte Rd 48' W of Inter (S. side)	
	7.99	462.74			bt. spk in Lead Top of cb	
1+00			4.56	458.18		℄ pvt
			4.77	457.97		11 Rt [illegible] pvt-top ditch
			8.6	45[illegible]		11.5 " [illegible] ditch
			8.6	45[illegible]		16 " " " brk
			7.3	45[illegible]4		17 " "
			6.7	45[illegible]		20 " "
			5.0	45[illegible]7		21.0 " [illegible] ditch
			4.9	457[illegible]		35 " [illegible] field
			4.70	458.04	8.5 Lt edge of pvt & Top o[illegible]	
			8.3	454.4	9.0 " bot	
			8.3	454.4	15 " "	
			5.7	457.0	18 " " Brk	
			4.8	457[illegible]	21 " Top-ditch	
2+00			3.53	459.21		℄ Pvt
			3.84	458.90		10 Rt edge Pvt

Survey of 1941 Job No. 152 Division No. Notes Red. Plotted Profile
Survey by Notes Date Date Checked No. X-Sec.
Indexed E. C. Johnson Date Date Date No.

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		462 74				
2+00			550	45724		13.5 Rt edge of Rubble gut
			605	45669		18.5 " "
			502	45772		19.0 " Top " " Wall
			36	4591		22 " " brk gr
			42	4585		26 "
			381	45893	10.2 Lt edge of put	
			43	4584	11.5 " Rubble gut	
			49	4578	13.5 " "	
			55	4572	17.8 " " "	
			38	4589	19.2 Top " " Wall	
			4[illegible]	4587	21.5 gr	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F. B. 1791 Pg. 133

No. ____ Date ____ Date ____ Survey of ____ Date ____

Notes Chkd ____ Checked ____ Survey by ____ Date ____

No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 7791 Pg. 154

Job No. Division No. Notes Red. Plotted. Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.

Do not extend notes this side of this line.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

75L398 307 4-55

Profile No. | Notes Red. | Plotted | Job No. | Division No. | F. B. 1791 | Pg. 155
Date | Date | Survey of
Notes Chkd. | Checked | Survey by | Notes | Date
No. | Date | Date | Map No. | Date

J. N. 6963

STORM DRAIN PROJECT #30 (DIV 8)

BUENA VISTA ST. "DUARTE"

Cross Section & Profile on Storm Drain ℄

From:- Station 45+25 - No to

Profile & Cross Sections on Cross Sts.

See pg - 197-200 for Three Ranch Rd

" " - 201-204 Dobson St

" " - 205-210 Central Ave

" " - 211-214 Bloomdat St

" " - 215-218 Maynard St

" " - 219-224 Ses Mas St

225-230 Royal Oaks Dr.

Note Huntington Dr. shown on S.D. ℄

ELEV.

F. S.

H. I.

B. B.

STATION

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761298 307 4-60

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
				454 75	KK-4-Elev. 454.749	F.B. 1791-35
					Buena Vista St. & Duarte Rd. 48' W. of Inter. (S. side)	
					Bt. spk in Lead Top of Ch.	
KK-4	7 99	462 74				
						Note ℄ of Storm D.
45+25			4 27	458 47		℄ spk+T. put
45+31 32 ¼ Pt			4 16	458 58		℄ " " "
T. P. Nail			3 17	459 57		℄ " " "
	5 72	465 29				
46+00			5 61	459 68		℄ spk+T. put
			5 78	459 51		4 5 Rt edge put
			8 2	457 1		12 1 " fl. Line gut
			8 0	457 3		13 4 bot of Wall
			7 0	458 3		13 2 Top Rubble Wall
			5 8	459 5		16 5 brg gr
			6 3	459 0		20 gr
			5 47	459 82	5 Lt ctr. put	
			5 86	459 43	16 0 " edge "	
			7 7	457 6	21 6 " fl. Line gut	
			7 5	457 8	23 0 " bot of wall	
			6 5	458 8	23 5 " Top " "	
			6 0	459 3	25 "	
46+29			5 12	460 17		℄ put
			4 97	460 32	5 Lt ctr. put	

F.B. 1791 Pg. 156 Job No. 6963 Division No. Notes Red Date Plotted Date No. Profile
Survey of S.D. Proj. #30 Duarte Notes Chkd Date Checked Date No. X-Sec.
Survey by D.E.H. Notes A.R.B. Date
Indexed C. Johnson Date

76L298 387 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		465.29				
46+29			515	46014.	15 2 Lt edge pvt.	
			70	4583.	21 " fl. Line gut	
			68	4585.	23 " bot Wall	
			57	4596.	23 5 Top "	
46+32			506	46023.	℄	(Pvt)
			492	46037.	5 0 Lt ctr pvt.	
			510	46019.	16 " edge of conc culv.	
			500	46029.	27 " S. W. cor. " " "	
			526	46003.	36 4 " S. end of gut E. edge	
			537	45992.	37 3 " S. " "	
			472	46057.	37 2 " Top of S. end of Cb.	
46+39			493	46036.	℄	(Pvt)
			505	46024.	5 7 Rt edge of pvt	
			72	4581.	11 0 " fl. line gut	
			68	4585.	13 5 " bot wall	
			473	46056.	15 2 " Top of [illegible]	
46+50 69			464	46065.	5 pk W & Tin - see pgs. 197-200	(℄ [illegible])
46+71			432	46097.	℄	pvt
			436	46093.	5 3 Rt edge of [illegible]	
			49	4604	7 2 " [illegible]	
			59	4594	7 2 " [illegible]	

Notes Red. Plotted Job No. 6963 Division No. F. B. 198
Notes Chkd. Checked Survey by D.K.B. Date
Date Date Map No. Date

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		465 29				
46+71			68	4525.		11.6 Rt fl. line gut
			67	4526.		13.3 " bot wall
			55	4598.		13.7 " Top "
			42	4611.		16.3 " brk gr
47+00			383	46146.		℄ spk + T. pvt
			408	46124		4.9 Rt edge of "
			63	459[illegible]		11.4 " fl. line gut
			61	459[illegible]		13.2 " bot wall
			51	4602.		13.9 " Top "
			46	4607		17.7 " gr
			367	46[illegible]2.	5 ft ctr. pvt	
			380	46[illegible]49	16 " edge of pvt	
			56	45[illegible]7.	21.4 " fl. line gut	
			54	4599.	23.9 " bot wall	
			42	4611.	23.5 " " "	
			38	4615.	27 " gr	
			429	46100.	34 " N-end gut (edge of conc gut)	
			445	46084.	35 " " " Cb- bot of Cb	
			379	46150	35 " " Top "	
[illegible]			442	460[illegible]	[illegible]	

Survey of [illegible] Job No. [illegible] Division No. [illegible] Notes Red [illegible] Plotted [illegible] Profile
Survey by [illegible] Notes [illegible] Date [illegible] Date [illegible] Date [illegible] No. [illegible] X-Sec.
Indexed [illegible] Notes [illegible] Checked [illegible] Date [illegible] No. [illegible]

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
K-K #3	1	1		460 88	KK-#3 Elev 460.881	F.B. 1791-34
	6.93	467 81				
48+00			4 38	463 43		℄ spk & T pvt
			4 66	463 15		5 Rt edge pvt
			7 0	460 8		12 " fl line gut
			6 8	461 0		13 7 " bot wall
			5 5	462 3		14 3 " Top "
			5 3	462 5		20 " gr
			4 23	463 48	5 Lt atr pvt	
			4 50	463 31	16 " edge pvt	
			6 0	461 8	21 4 " fl line	
			5 9	461 9	23 0 " bot Wall	
			3 2	464 6	24 0 " Top "	
			4 2	463 6	31 " gr	
49+00			2 63	465 18		℄ spk & T pvt
			2 93	464 88		5 Rt edge "
			5 1	462 7		12 " fl line gut
			4 9	462 9		13 6 " bot wall
			3 9	463 9		14 0 " Top
			3 8	464 0		22 " gr
			2 45	465 36	[illegible]	

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Job No. 6963 Division No. ____ F.B. 1791 Pg. 159
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Survey of S.D. Proj #36 Quarter
Survey by D.E.H. Notes Chkd. Date ____
Map No. ____ Date ____ Map No. ____ Date ____ Edited by John ____ Date ____

76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		467 81				
49+00			255	465 26	.16 Lt edge pvt	
			41	463 7	.21⁶ " fl. line gut	
			40	4638	.23 " bot Wall	
			19	4659	.23⁸ " Top "	
			23	4655	.30 " gr	
T.P. 1X1			078	467 03		
	875	475 78				
50+00			875	467 03		℄ spk spk+T pvt
			899	4679		5 Rt edge pvt
			112	4646		12 " fl. line
			111	4647		13⁵ " bot Wall
			92	4656		4⁵ " Top "
			102	4656		14⁷ " Bot "
			105	4653		30 gr
			858	467 20	.5 Lt ctr pvt	
			848	467 30	.16 " edge pvt	
			101	4657	.21⁷ " fl. line gu	
			99	4659	.23 " bot Wall	
			81	4677	.24 " Top "	
			85	4673	.30 " gr	

F. B. 1791 Pg. 160
Job No. Division No. Notes Red. Plotted Profile
Survey of Date Date No.
Survey by Notes Notes Chkd. Checked X-Sec.
Indexed K. C. Johnson Date Date Date No.

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		475.78				
50+28			8.13	467.65		℄ pvt
			8.38	467.40		5 Rt. edge pvt
			10.6	465.2		12 " fl.L. pvt
			10.3	465.5		13.5 " Begin & Bot [illegible]
			8.5	467.3		14.0 " Top
			8.8	467.0		30 " gr.
50+41			7.87	467[illegible]		℄ pvt
			7.71	468.07	Left →	5 Lt. ctr pvt
			7.63	468.15		16 " edge "
			9.1	466.7		21 " fl. L. [illegible]
			9.1	466.7		22.6 " begin & Bot [illegible]
			7.1	468.7		23.6 " " Top [illegible]
			7.7	468.1		30 " 7
51+00			6.91	468.87		℄ spk & Tin pvt
			7.18	468.60		4.5 Rt edge pvt
			9.1	466.7		12.5 " fl
			9.0	466.8		13.0 " bot Cb
			7.00	468.78		13.7 " Top "
			7.1	468.7		25 " gr
			6.66	469.12	5 Lt. ctr pvt	

Profile Notes Red. ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 161
No. ____ Date ____ Date ____ Survey of S. D. Freitas Quarter
X-Sec. Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes D.W.B. Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L29B 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		475 78				
51+00			662	469 16	16 Lt edge put	
			81	467 7	21.5 " fl. L. gut	
			80	467 8	23.0 " bot Cb	
			604	469 74	24.0 " T. "	
			61	469 7	35 " gr	
52+00			5[illegible]3	470 65		℄ spk & T. put
			536	470 42		5 Rt edge "
						" fl. L. gut
			71	468 7		13 " bot. cb
			500	470 78		13.8 " T. cb
			53	470 5		25 " gr
			491	470 87	5 Lt. ctr put	
			501	470 77	16.2 " edge "	
			65	469 3	22 " fl. L. gut	
			64	469 4	23 " bot. Cb	
			4[illegible]1	471 47	24 " T. "	
			41	471 7	35 " gr	
53+00			304	472 74		℄ spk & T put
			326	472 52		4.5 Rt edge put
			52	470 6		12 " " fl. L. put

F. B. 1791 Pg. 162
Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile
Survey of ____ Date ____ No. ____
Survey by ____ Notes ____ Checked ____ X-Sec.
Indexed A. C. Johnson Date ____ Date ____ No. ____

76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		475 78				
53+00			5 0	470 8		13³ Rt bat cb
			3 02	472 76		14° " T "
			3 2	472 6		25 " gr
			2 89	472 89	5 Lt ctr pvt	
			3 03	472 75	16⁴ " edge "	
			4 8	471 0	22 " fl. L. gut	
			4 7	471 1	23⁴ " bot cb	
			2 59	473 19	24 " T "	
			2 3	473 5	35 " gr	
T.P. nail			0 93	474 85		
	8 67	483 52				
54+00			8 67	474 85		℄ spk & T. pvt
			8 82	474 70		5 Rt edge
			10 9	472 6		12 " fl. L. gut
			10 9	472 6		13 " Bat cb
			8 75	474 77		14 " T "
			8 9	474 6		25 " gr
			8 51	475 01	5 Lt ctr pvt	
			8 07	475 45	16 " edge "	
			10 4	473 1	23⁵ " fl. L. pvt	

Profile Notes Red ____ Plotted ____ Job No. 6863 Division No. ____ F. B. 1791 Pg. 163
No. ____ Date ____ Date ____ Survey of 5 Pr. #20 Quarter
X-Sec. Notes Chkd ____ Checked ____ Survey by D.R.H. Notes Bill R. Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		483 52				
54+00			851	475 01	24 Lt Top cb	
			79	475 6	35 " gr	
55+00			653	476 99		℄ spk&T pvt
			686	476 66		5 Rt edge "
			88	474 7		11³ " fl. L. gut
			87	474 8		13 " bot Cb
			670	476 82		13⁷ T. "
			67	476 8		25 " gr
			629	477 23	5 Lt ctr pvt	
			647	477 05	16 " edge "	
			88	474 7	21⁵ " fl. L. gut	
			88	474 7	23 " B. cb	
			632	477 20	24 " T. "	
			61	477 4	35 " gr	
56+00			451	479 01		℄ spk&T pvt
			472	478 80		5⁵ Rt edge "
			67	476 8		11 " fl. L. gut
			67	476 8		13 " b. cb
			465	478 87		13⁸ " T. "
			49	478 6		25 " gr

F. B. 1791 Pg. 124

Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of ____ Date ____ Date ____ No. ____

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed R. C. Johnson Date ____ Date ____ Date ____ No. ____

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		483 52				
56+00			439	479 13	5 Lt ctr. pvt.	
			446	479 06	16 " edge "	
			70	476 5	21.5 " fl. L. gut	
			70	476 5	23.0 " B- cb	
			451	479 01	24 " T "	
			45	479 0	35 " gr.	
56+62			272	480 80	24 Lt Top of 6" cb	
56+68			264	480 88		℄ pvt
			281	480 71	16 Lt pvt	
			306	480 46	19.5 " Top of H. W.	
			57	477 8	20.3 " B- " "	
			[illegible]52	477 00	21.5 " fl. Line 30" Pipe s-end	
			59	477 6	23.0 b- cb	
			328	480 24	24.0 T- "	
56+69.5			257	480 95		℄ pvt
			266	480 86		5.6 Rt edge
			249	481 03		8.6 " Top conc [illegible]
			535	478 17		11.6 " Fl. Line [illegible]
			523	478 29		13.0 Bot- [illegible]
			223	480 29		[illegible]

Profile Notes Red. ____ Plotted ____ Job No. 6963 Division No. ____ F.B. 1791 Pg. 165
No. ____ Date ____ Date ____ Survey by D.E.H. Notes A.R.B. Date ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes A.R.B. Date ____
No. ____ Date ____ Date ____ Map No. ____ Date ____

76L298 307 4-60

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		483 52			Note for Central Ave Cross Section see pg-	
56+88.46			1.87	481.65	Inters.	℄ spk W+T (pvt)
KK #2			2.52	481.00	KK-2 480.989 FB-179-34	
					Central Ave & Buena Vista St @ E. at Inters. (N. side	
	5.04	486.01			B+ apk in Lead Tap at ab	
57+00			4.23	481.78		℄ spk & T pvt
			4.34	481.67		8' Rt edge of conc Bridge
			4.47	481.54		25 " pvt
			4.19	481.82	5 Lt ctr pvt	
			4.45	481.56	16 " pvt brk	
			5.45	480.56	35 " "	
57+07			4.19	481.82		℄ pvt
			4.26	481.75		" Rt edge "
			4.19	481.82		8 Top conc Bridge
			6.99	479.02		12 " f/l. L. "
57+35			3.75	482.26		℄ pvt
			3.64	482.37	5 Lt ctr pvt	
			3.85	482.16	16 " edge "	
			4.44	481.6	25 " gr	
58+00			2.22	483.79		℄ spk & T pvt
			2.38	483.63		5 Rt edge "
			4.38	481.63		7.5 " f/l. L. out

Survey of 1-1-1 Job No. 76 Division No. Notes Rec. Plotted Profile
Survey by Date Date No.
Indexed H. C. Johnson Notes Chkd. Checked X-Sec.
Date Notes Date Date No.

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		486 01				
58+00			421	48180		13 Rt B. wall
			306	48295		14 " T. "
			24	4836		25 " gr
			212	48389	5 Lt Ctr pvt	
			225	48376	15 " edge "	
			30	4830	25 " gr	
T.P. 1X1			072	48529		
	1035	495 64				
58+86			980	48584		℄ [illegible]
			1001	48563		5 Rt edge
			120	4836		11.5 " fl. L. gut
			118	4848		13.5 " Begin [illegible]
			977	48587		14 " " Top
59+00			947	48617		℄ spk & T. pvt
			973	48591		5 Rt edge pvt
			1163	48401		11.5 " fl. L. gut
			116	4840		13.5 " bot [illegible]
			951	48613		14.0 " T. [illegible]
			104	4852		25 " gr
			931	48633	5 Lt [illegible] pvt	

Profile Notes Red. ____ Plotted ____ Job No. 6963 Division No. ____ F.B. 1791 Pg. 167
Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ [illegible] Johnson Date ____

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		595 64				
59+00			958	486 06	16 Lt edge pvt	
			102	485 4	25 " gr	
59+60			799	487 65	℄	pvt
			783	487 81	5 Lt ctr pvt	
			802	487 62	15 " edge pvt	
			89	48[illegible] 7	20 " brk grv	
			86	487 0	25 " "	
59+66			782	487 82	℄	pvt
			771	487 93	5 Lt ctr pvt	
			776	487 88	15 " edge "	
			78	487 8	25 " gr so-ed[illegible] Rd.	
59+88			743	488 21	Pvt	[illegible]
			729	488 35	5 Lt ctr pvt	
			736	488 28	15 " edge	
			770	497 94	21 " [illegible] conc Br[illegible]	
			1080	484 84	" [illegible]	
			73	488 3	25 " gr	
60+00			722	488 42		
			742	488 22	[illegible] Rt edge of pvt	
			94	486 2	[illegible] fl. l. pvt	

F. B. 1791 Pg. 168
Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of ____ Date ____ Date ____ No. ____
Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed K. C. Johnson Date ____ Date ____ Date ____ No. ____

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		495 64				
60+00			93	486 3		13.8 Rt b-wall
			728	488 36		14 " T. "
			76	488 0		25 " gr
			710	488 54	5 Lt ctr pvt	
			721	488 43	14.8 " edge "	
			93	486 3	21 " fl. L. gut	
			91	486 5	23 " B-wall	
			71	488 5	24 " T. "	
			65	489 1	30 " gr	
61+00			501	490 63		℄ spk & T.
			5[illegible]	[illegible] 44		5 Rt edge "
			7[illegible]	[illegible]88 5		11.5 " fl. L. gut
			69	[illegible]88 7		13.5 " B-wall
			494	490 70		14.0 " T. "
			45	491 1		25 " gr
			488	490 76	5 Lt ctr pvt	
			502	490 62	14.8 " edge "	
			70	488 6	20.5 " fl. L. gut	
			69	488 7	23.0 " B-wall	
			56	490 [illegible]	23.5 " T. "	

Profile Notes Red. ____ Plotted ____ Job No. 8963 Division No. ____ F. B. 1791 Pg. 169
No. ____ Date ____ Date ____ Survey of S. Dr. Proj. #30 Quartz
X-Sec. Notes Chkd. ____ Checked ____ Survey by D.E.H. Notes Dirk Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L29B 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		495 64				
61+00			48	490 8	30 Lt gr	
61+34.5			3 54	492 10		℄ pvt
			3 65	491 99		4.5 Rt edge "
			5 58	490 06		11.5 " fl Line gut pvt
			5 41	490 23		13.5 " Bot & End Ch
			3 64	492 00		14.0 " Top " "
			3 47	492 17	5 Lt ctr pvt	
			3 76	491 88	14 " edge "	
			3 9	491 7	19 " Top Wall	
			5 6	490 0	20.2 " B "	
			5 6	490 0	23 " B "	
			4 6	491 0	23.5 " T "	
62+00			2 36	493 28		℄ spk & T pvt
			2 47	493 17		4.5 Rt " brk
			3 72	491 92		15.6 gut "
			2 96	492 68		22 " edge "
			2 3	493 3		[illegible] " gr
			2 35	493 29	5 Lt ctr pvt	
			2 55	493 09	14.2 " edge "	
			3 6	492 0	19.5 Top Wall	

Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile ____
Date ____ Date ____ No. ____
Survey of ____ Notes ____ Notes Chkd ____ Checked ____ X-Sec. ____
Survey by ____ Date ____ Date ____ Date ____ No. ____
Indexed A. C. Johnson

F. S. 1791 Pg. 170

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B.	H. I.	F. S.	ELEV.		
		495 64				
62+00			47	4909.	26.5 Lt B.- wall	
			47	4909.	22.7 " " - "	
			36	4920.	23.4 " T- "	
			20	4936.	30 " gr	
62+27.77			150	4641.4	494.14	℄ Storm D. Inters. pvt
KK-1			262	4930.2	KK-1 Elev 493.024 F.B. 1791-34 Buena vista St. & Bloomdale St. 124' E of Inters. (Mt. Sio.) Bt. spk in Lead Top of Cb	
	6.09	499.11				
62+58			436	4947.5		℄ pvt
			441	4947.0		5 Rt brk "
			566	4934.5		18 " gvt "
			491	4942.0		33.4 " bot pre mix
63+00			320	4959.1		℄ spk in T. pvt
			337	4957.4		5 Rt edge "
			41	4950		13 " " pvt
			46	4945		17.3 " fl. L. "
			40	4951		22.7 " edge "
			32	4959		27.0 " gr
			31	4960		35.0 " gr
			322	4958.9	5 1/A ctr	pvt

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 34
Assoc. Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of Highway ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____ Survey by Holmes & Narver ____ Notes ARB ____ Date ____

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		499 11				
63+00			3 56	49[illegible]55	15 Lt. edge put	
			54	49[illegible]7.	20 5 " fl-L. gut	
			52	49[illegible]9.	22 6 " B wall	
			41	49[illegible].	23 5 " T. "	
			35	49[illegible].	28 " gr.	
T.P nail			080	49[illegible]31		
	832	50663				
64+00			832	49[illegible]31.		℄ spk & Tin put
			854	49[illegible]9.		5 Rt edge "
			93	49[illegible].		[illegible] " gut
			99	49[illegible]7.		[illegible]
			94	4972.		[illegible]
			85	49[illegible].		[illegible]
			86	4980.		[illegible]
			824	49[illegible]39.	5 Lt. atr put	
			808	49855.	14 5 " edge " (next shot br[illegible] in way)	
65+00			613	50[illegible]0.		℄ put
			638	50[illegible]5.		5 Rt edge "
			74	4992.		13 " gut
			77	49[illegible].		18 " fl-L.

F. B. 1791 Pg. 172
Job No. Division No. Notes Red. Plotted Profile
Survey of Date Date No. X-Sec.
Survey by Notes Chkd. Checked
Indexed K. C. Johnson Date Date No.

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		50663				
65+00			72	4994.		23 Rt edge gut
			66	5000.		28 " brk gr
			68	5006.		35 " "
			603	50060.	5 Lt ctr pvt	
			616	50047.	14 5 " edge pvt	
			82	4984.	21 " fl Line gut	
			81	4985.	23 " B-wall	
			71	4995.	23 4 " T-wall	
			64	5002.	30 " gr	
						℄ intersec
66+00			411	50252.		℄ pvt
			431	50232.		5 Rt edge "
			55	5011.		14 8 " dirt gut
			45	5021.		30 " gr
			55	5011.		40 " "
			402	50261.	5 Lt ctr pvt	
			413	50250.	15 " edge "	
			61	5005.	20 6 " fl Line gut	
			59	5007.	23 3 " B wall	

Profile Notes Red. Plotted Job No. 6963 Division No. F. B. 1791 Pg.
No. Date Date Survey of [illegible] 30 [illegible]
X-Sec. Notes ~~Chkd~~ Checked Survey by Holmes Notes APB Date
No. Date Date Map No. Indexed Johnson Date

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		506 63				
66+00			49	5017.	24 Lt Top wall	
			44	5022.	30 " gr	
66+67			269	50394.		℄
			290	50373.		5 Rt edge put
			50	5016.		12 2 " fl. line gut
			51	5015.		14 5 " B. wall
			41	5025.		15 6 " T. "
67+00			209	50454.		℄ put
			224	50439.		5 Rt edge put
			45	5021.		12 4 fl. line gut
			42	5024.		14 " B. wall
			31	5035.		14 2 " T. "
			19	5047.		18 " Berm gr
			40	5026.		24 " brk.
			34	5032.		35 " gr.
			198	50465.	5 Lt. ctr put	
			211	50452.	14 " edge "	
			40	5026.	21 2 " fl. line	
			38	5028.	23 5 B. wall	
			21	5045.	24 5 T. "	

F. B. 1791 Pg. 174
Job No. Division No. Notes Red. Plotted Profile
Survey of Date Date No.
Survey by Notes Notes Chkd. Checked X-Sec.
Indexed E. C. Johnson Date Date Date No.

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		506 63				
67+00			22	5044	30 Lt. gr	
T.P. nail			183	50480		
	965	514 45				
68+00			777	50668		℄ spk & T. pvt
			790	50655		5.5 Rt edge "
			10.0	5045		12.2 " fl. Line gut
			97	5048		14 " B. wall
			87	5058		14.6 " T. "
			74	5071		19 " Brk Berm
			92	5053		23 " b. "
			96	5049		35 " gr
			777	50668	5 Lt ctr. pvt	
			789	50656	13.7 " edge "	
			74	5071	25 " gr	
68+10			93	5052	22 " fl. Line gut	
			92	5053	23.5 " B. wall	
			71	5074	24.5 " T. "	
69+00			[illegible]	50877		℄ spk & T. pvt
			583	50862		5 Rt. edge "
			78	5067		12.7 " fl. Line gut

Profile Notes Red. Plotted Job No. 6963 Division No. F. B. 1791 Pg. 175
No. Date Date Survey of Sherman St. Duarte
X-Sec. Notes Chkd. Checked Survey by Holmes Notes A.R.B. Date
No. Date Date Map No. Date

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		514 45				
69+00			73	507.2		14 Rt b-wall
			64	5[illegible].1		14.8 " T- "
			45	5100		19 " Top Berm gr
			70	5[illegible]5		26 " b " "
			70	50[illegible]5		35 " "
			560	508.25	[illegible] Lt ctr. put	
			560	508.85	15 " edge "	
			71	5[illegible]4	22.0 " fl-line gut	
			69	5[illegible]6	23.6 " b-wall	
			55	509.2	24.5 " T- "	
			[illegible]8	5[illegible].7	30 " gr	
69+38			476	5[illegible]9		℄ put
			493	[illegible]		5 Rt edge
			53	509[illegible]		5 " Top & Begin wall
69+60			418	51[illegible]4		℄ put
			410	510.25	5 Lt c[illegible] put	
			428	510.17	14 " edge "	
			431	510.14	19.5 " Top of wall & Begin	
			63	508.2	20.3 " bot " "	
			63	508.2	24 " " " "	

F. B. 1791 Pg. 176

Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of ____ Date ____ Date ____ No. ____

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed [illegible] Date ____ Date ____ Date ____ No. ____

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		514 45				
69+60			47	5098	24.6 Lt Top of wall	
69+93.5			348	51097	℄	put
			362	51083		10.9 Rt edge put
			352	41093		16 " Top of wall
			614	50831		16.5 " Bot conc Culv
			614	50831		20.5 " "
			410	51035		21 " Top of wood wall
			37	5108		30 " gr
			342	51103	5 Lt ctr prt	
			327	51118	21.5 " edge "	
			321	51124	26 " Top of rock wall	
			582	50863	26 " Bot conc Culv	
			582	50863	32.5 " " conc " & B-rock wall	
			318	51127	33.5 " " Top " "	
			33	5112	45 " gr	
B-#11-14			363	510.82	B#11-14 Elev 510.819 Top [illegible] See pg-34 for full Discussion	
	6.16	516.98			Note: (Heavy Traffic) Cross-Section off SD [illegible]	
70+00			592	511.06	℄	put
			606	510.92		25 Rt gr

Profile Notes Red. ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 177
No. ____ Date ____ Date ____ Survey of SD Project #30 Duarte
X-Sec. Notes Chkd. ____ Checked ____ Survey by Holmes Notes ARB Date ____
No. ____ Date ____ Date ____ Map No. ____ Date ____

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		516 98				
70+00			65	5105		50 Rt gr
			6.9	5101		100 " "
			570	511 28	25 Lt	
			57	511 3	50 " gr	
			56	511 4	gr	
70+10			562	511 36		℄
			577	511 21		25 Rt edge pvt
			601	511 97		50 " " "
			641	510 57		100 " " "
			538	511 60	25 Lt pvt	
			526	511 72	50 " edge pvt.	
			48[illegible]	511 12	100 " " "	
70+20.3			553	511 45		℄ pvt
70+[illegible].33			541	511 57		℄ "
			556	511 42		25 Rt "
			597	511 21		50 " "
			615	510 83		100 " "
			534	511 64	5 Lt pvt	
			512	511 86	25 Lt "	
			501	511 97	50 " "	

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Division No. ____ Job No. ____ Notes ____ Date ____
Survey of ____
Survey by L. C. Johnson
Indexed ____
F. B. 1791 - Pg. 126

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		516 98				
70+30.33			463	51235	100 Lt pvt.	
70+50.0			509	51189		℄ pvt
			529	51169		25 Rt "
			559	51139		50 " "
			[illegible]	51087		100 " "
			487	51211	25 Lt pvt	
			482	51216	50 " "	
			463	51235	100 " "	
70+51			510	51188		℄ pvt
			485	51213	41 Lt pvt brk	
			485	51213	53 " " "	
70+54			512	51180		℄ pvt
			535	51163		25 Rt "
			558	51140		30 " gvt pvt
			590	51108		50 " gvt edge of shoulder
			635	51063		100 " gvt " "
			494	51204	25 Lt pvt	
			499	51199	41 " brk pvt	
			546	51152	50 " " "	
			[illegible]	51216	100 "	

Profile Notes Red. ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 179
No. ____ Date ____ Date ____ Survey by [illegible] Notes [illegible] Date ____
No. ____ Notes Chkd ____ Checked ____ Date ____ Map No. ____ Date ____

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		516 98				
70+56			5.07	511 91		℄ pvt
			5.29	511 69		30 Rt Top of Cb
			5.46	511 52	45 Lt bot of Cb	
			4.78	512 20	" " Top " "	
			5.59	511 39	47.5 " ft. line C.B.	
			5.52	511 46	50 " Bot Cb	
			4.76	512 22	" " Top "	
			5.35	511 63	53 " bot cb. end	
			4.84	512 14	53 " Top " "	
			4.68	512 30	100 " Dr. pvt	
70+70			4.71	512 27		℄ pvt
			5.05	511 93		14.6 Rt Top-cb
			4.95	512 03		25 " Top of conc Culv
			4.62	512 36		50 " edge premix Pvt
			5.06	511 92		100 " " " "
			4.70	512 28	5 Lt ctr. pvt	
			4.83	512 15	18.4 " "	
			4.56	512 42	24.2 Top of Cb	
			4.48	512 50	35.0 Top conc Culv	
			4.08	512 90	50 " premix Serv. Stat.	

F. S. 1791 Pg. 180
Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile
Survey of ____ Date ____ Date ____ No. ____
Survey by ____ Notes ____ Notes Chkd ____ Checked ____ X-Sec.
Indexed K. C. Johnson Date ____ Date ____ Date ____ No. ____

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		516 98				
70+70			376	513 22	.100 Lt pre mix - serv Stat	
70+78.8			455	512 43	.	℄
			476	512 22	. 20 Lt brk gut pvt	
			405	512 93	.25 " Top of Conc Wall	
70+79.5			451	512 47	.	℄ pvt
			55	511 5	.	14.6 Rt bot ab 95
			453	512 45	.	14.8 Rt Top of ab
70+89.0			432	512 66	.	℄
			426	512 72	.5 Lt pvt	
			455	512 43	.17 " brk	
			448	512 50	.20 " bot	
			410	512 88	.20.5 " Top of conc wall	
			703	509 95	.21.0 " fl-line of conc culv	
			712	509 86	.25 " " " " " "	
			395	513 03	.25 " Top of Conc H.W	
70+90			432	512 66	.	℄ pvt
			456	512 42	.	5 Rt pvt
			491	512 07	.	10 " bot wall
			426	512 72	.	10.5 " Top of conc [illegible]
			742	509 56	.	11.0 " bot

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1794 Pg. 181
Date ____ Date ____ Survey of S.D. Project [illegible]
X-Sec. Notes Chkd. ____ Checked ____ Survey by Holmes Notes A.R.B. Date ____
No. ____ Date ____ Date ____ Map No. ____ Date ____

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		516 98				
70+90			746	509 52		14^{6} Rt bot conc Culv
			424	512 74		14^{6} " Top Conc H.W.
71+00			427	512 71		℄ pvt
			454	512 44		5 Rt edge "
			462	512 36		7 " bot wall
			396	513 02		7^{2} " Top
			573	511 25		7^{8} " Bot-conc channel
			595	511 03		12^{2} " " " "
			399	512 99		12^{6} " Top-conc wall
			374	513 24		24^{8} " premix parking
			420	512 78	5 Lt ctr. pvt	
			440	512 58	15^{8} " edge "	
			44	512 6	18^{7} " bot wall	
			410	512 88	" " Top conc wall	
			648	510 20	19^{5} " Bot conc channel	
			668	510 30	24^{2} " " "	
			384	513 14	24^{3} " Top "	
			356	513 42	25 " premix pvt parking area	
			351	513 47	45 " " " "	

Survey of ____ Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey by ____ Notes ____ Date ____ Date ____ No. ____
Indexed K. C. Johnson Date ____ Notes Chkd. ____ Checked ____ X-Sec.
Date ____ Date ____ No. ____

1791 PG. 782

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		516 98				
71+04-			520	511 78		7.7 Rt Brk bot. conc channel
			549	511 49		12.2 " " "
71+20.6			396	513 02		℄
			417	512 81		5 Rt pvt
			435	512 63		7 " bot conc
			351	512 47		" " Top " "
			486	512 12		7.7 " Bot channel
			490	512 08		9.3 " " edge conc
			514	511 84		12.3 " b[illegible] of Ch
			352	513 46		12.5 " Top " "
71+36.0			535	511 63	19.2 Lt bot & Brk in Conc Channel	
			539	511 59	23.8 Lt " " " " "	
71+39.2			321	513 77		℄ pvt
			307	513 91	5 Lt ctr. pvt	
			292	514 06	14.6 " edge of pvt	
			332	513 66	18.6 " Top of Wall	
			404	512 94	19.2 " bot & brk in Conc Channel	
71+42.0			419	512 79	23.8 " " " " "	
I.P. nail			154	515 44		

Profile No. Date Plotted Date Job No. 6963 Division No. F. B. 1791 Pg. 1[illegible]
Survey of S.D. Project #30 Quarte
No. Date Date Map No. [illegible] Date

76L298 307 4-

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STATION	B. S.	H. I.	F. S.	ELEV.		
				515 44		
	912	524 56				
72+00			912	515 44		℄ spk & T put
			937	515 19		5 Rt edge "
			1065	513 91		9.5 " gut
			1094	513 62		12.5 bot cb
			938	515 18		12.8 Top "
			98	514 8		14 " gr
			99	514 7		25 " gr
			903	515 53	5 Lt ctr put	
			910	515 46	15 " edge "	
72+10			104	514 2	22 " " fl line gut	
			104	514 2	24 " bot wall	
			92	515 4	24.5 " Top "	
			84	516 2	35 " gr	
73+00			666	517 90		℄ put
			677	517 79		5 Rt edge "
			866	515 90		10 " " gut
			892	515 64		12.8 bot cb
			729	517 27		13.4 Top "
			80	516 6		14 " gr

Survey of _____ Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile _____
Survey by _____ Notes _____ Date _____ Date _____ No. _____
Indexed _____ Date _____ Notes Chkd. _____ Checked _____ X-Sec. _____
Date _____ Date _____ No. _____

761.298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
[illegible]		524.56				
73+00			82	516.4		25 Rt gr
			666	517.90	5 Lt ctr put	
			685	517.71	14.5 " edge "	
			77	516.9	19 Lt Top of Wall	
			88	515.8	19.5 " bot " "	
			88	515.8	23.5 " " " "	
			72	517.4	25.0 " Top " "	
			71	517.5	35 " gr	
74+00			37[illegible]	[illegible]20.86		℄ put
			[illegible]	520.64		5 Rt edge "
			[illegible]	518.33		9.8 " " conc gut
			643	518.13		12.8 " bot Cb
			481	5[illegible]		13.0 " Top "
			[illegible]2	5[illegible]		25 " gr
			365	520.91	5 Lt ctr put	
			391	520.65	14 " edge "	
			[illegible]3	518.03	21 " fl. line gut	
			[illegible]	517.95	23.6 " Bot Cb	
			400	520.56	24.0 " Top "	
			41	520.5	35 " gr	

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 185
No. ____ Date ____ Date ____ Survey of S.D. Project #30 Duarte
Notes Chkd ____ Checked ____ Survey by [illegible]
No. ____ Date ____ Date ____ Map No. ____ Date ____

76L298 307 4-50

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NOTE: ANY ADDITIO[illegible] ON THIS SHEET M[illegible] CIRCLED IN RED IN[illegible] NAME OF PERSON [illegible]

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		524 56				
74+40			327	521 29	.	℄ pvt
			323	521 33	. 5 Lt ctr pvt	
			338	521 28	17 " edge "	
			506	519 50	18 3 " bot. Conc Wall	
74+47 5			321	521 35	.	℄ (pvt)
			314	521 42	. 5 Lt ctr	
			333	521 23	17 2 Top of conc bridge	
			325	521 31	23 6 " "	
			295	521 61	23 9 Top of [illegible]	
			560	518 96	23 9 Bot of drain	
			302	521 54	24 3 [illegible] Wall	
74+54 3			306	521 50	30 Lt [illegible] of conc gvt	
			323	521 33	30 7 bot of [illegible]	
			280	521 76	30 8 Top [illegible]	
74+77 78			263	521 93	spk W+T [illegible] 24	℄ [illegible] pvt
			260	521 96		
T.P. 1x1	435	526 31			KK-12 Elev 521 686	F.B. 1791-39
KK-12			463	521 68	Buena Vista St [illegible] Mas St 73' W of Inter. (S-side)	
				521 69	Bt - spk in Lead Top of Cb	
	715	528 84				

F.B. 1791 Pg. 186 Job No. Division No. Notes Red. Plotted Profile
Survey of Date Date No.
Survey by Notes Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 307 4-50

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D[illegible]d notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		528 84				
75+00			645	522 39		℄ put
			659	522 25		5 Rt edge put
			666	522 18	15 Lt. put	
			631	522 53	24 " Top conc Bridge	
			630	522 54	30 6 " gut	
			[illegible]41	522 43	32 4 " B-cb	
			600	5[illegible]4	" " T. cb.	
75+01 0			625	5[illegible]	28 2 Lt. edge gut	
			631	5[illegible]53	29 8 " bot cb	
			5[illegible]0	522 94	" " Top "	
75+05			814	520 70		9 6 Rt edge cut
			83[illegible]	520 51		12 6 " b. cb
			67[illegible]	522 07		12 8 " T. cb.
			63[illegible]	[illegible]225		20 " gr.
75+08			[illegible]	522 63	23 5 Lt b. cb	
			[illegible]97	522 97	23 6 " Top cb	
			866	520 18	24[illegible] " bot cb & gut	
			60[illegible]	522 79	14 5 " Top "	
75+14 5			633	522 51	17 3 " bot cb	
			599	522 85	" " Top "	

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 187
No. ____ Date ____ Date ____ Survey of S.D. Project #30 Quarter
Notes Chkd ____ Checked ____ Survey by [illegible]
No. ____ Date ____ Date ____ Map No. ____ [illegible] Date ____

76L298 307 4-50

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F. B. 1791 Pg. 188 Job No. Division No. Notes Red Plotted Profile
Date Date No.
Notes Chkd. Checked X-Sec.
Date Date No.
Notes Date
Survey of
Survey by
Indexed

STATION	B. S.	H. I.	F. S.	ELEV.		
		528.84				
75+145			7.98	520.86	18½ Lt bot drain	
76+00			4.31	524.53		8 pvt
			4.46	524.38		5 Rt edge "
			6.15	522.69		9 L " " gut
			6.42	522.42		12 L " bot ch
			4.79	524.05		12 5 " top "
			4.9	523.9		25 " gr
			4.28	524.56	5 Lt ctr pvt	
			4.68	524.16	15 " edge "	
			7.44	521.40	22 " fl line gu	
			7.34	521.50	23 5 " gu	
			4.37	524.47	24 " top ch	
			4.9	524.1	"	
77+00			1.64	527.30		8 pvt
			1.78	527.06		3 Rt edge pvt
			3.71	525.13		9 L " " gut
			3.95	524.89		12 L gut
			2.46	526.38		[illegible] T. ch
			2.7	526.1		25 " gr
			1.63	527.21	5 Lt ctr pvt	

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		528 84				
77+00			1 88	526 96	.15 Lt edge pvt	
77+01 7			4 47	524 37	.20 7 " fl-line con Pipe 24"	
77+04			3 89	524 95	.21 0 " bot cb	
			2 31	526 53	.21 5 " Top of cb	
			1 1	527 7	.35 Lt gr.	
T.P. nail			1 60	527 24		
	8 36	535 60				
78+00			6 19	529 41		℄ pvt
			6 30	529 30		3 5 Rt edge
			7 77	527 83		8 8 " " pvt
			8 04	527 56		[illegible] fl line
			8 01	527 59		12 4 Bot c
			5 84	529 76		12 8 " Top
			7 0	[illegible]		14 0 " bot c
			7 1	528 [illegible]		30 " field gr
			6 13	529 47	.5 Lt ctr pvt	
			6 53	529 07	.15 " edge & Top of wall	
			8 31	527 29	.17 " B	"
			8 6	527 0	.21 0 " "	"
			7 0	5[illegible]6	.21 5 " Top	"

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. S. 1791 Pg. 189
No. ____ Date ____ Date ____ Survey of S.D. Project #30 Duarte
Notes Chkd ____ Checked ____ Survey By [illegible]
No. ____ Date ____ Date ____ Map No. ____ Date ____

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		53560				
78+00			59	5297.29	Lt. gr. brk	
			61	5295.45	" gr	
79+00			372	53188.		℄ pvt
			381	53179.		4.0 Rt edge "
			542	53018.		8.8 " " gvt
			568	52992.		11.3 " fl. L "
			541	53019.		12.4 " b-cb
			350	53210.		12.8 " T-cb.
			[illegible]	5308.		14 " b-cb gr.
			50	5306.		30 " gr
			369	53191.5	Lt ctr pvt	
			401	[illegible]159.15	" edge " & Top wall	
			614	52946.17	" Bot "	
			612	52948.21	" bot-cb	
			489	53071.21.5	" Top "	
			41	531[illegible].26	" gr.	
80+00			116	53444.		℄ pvt
			131	53429.		4 Rt edge pvt
			304	53256.		8.8 " " gvt
			333	53227.		11.3 fl. line "

F. B. 1791 Pg. 190
Job No. Division No. Notes Red Plotted Profile
Survey of Date Date No.
Survey by Notes Checked X-Sec.
Indexed R. C. Johnson Date Date No.

76L298 307 4-50

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NOTE: ANY ADD[illegible] OR CHANGES ON THIS SHEET [illegible] MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		535.60				
80+00			3.03	532.57		12.4 Rt b-ob
			1.01	534.59		12.8 " T. ob
			2.5	533.1		14 " gr
			2.1	533.5		30 " "
			1.14	534.46	5 Lt. ctr pvt	
			1.45	534.15	15 " edge of " & Top	
			2.48	533.12	17 " edge of gut	
			3.08	532.52	18.7 " fl. line gut	
			3.06	532.54	20.0 " Bot	
			2.7	532.9	30.0 " gr	
T.P. nail			1.26	534.34		
	8.90	543.24				
81+00			6.55	536.69		
			6.64	536.60		3.5 Rt edge pvt
			8.07	535.17		8.8 " " gut
			8.32	534.92		11.3 " fl. line "
			8.05	535.19		12.4 " bot ch
			6.07	537.17		12.8 " Top "
			7.4	535.8		14 " gr
			7.6	535.6		30 " "

Profile Notes Red. ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 191
No. ____ Date ____ Date ____ Survey of S.D. Proj. #30 Duarte
Notes Chkd. ____ Checked ____ Survey by [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Index [illegible] Date ____

76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		543.24				
81+00			652	53672	5 Lt. ctr. pvt.	
			680	53644	15.5 " edge pvt & top wall	
			800	53524	17.3 " " gut.	
			835	53489	19.0 fl. Line "	
			830	53494	20 " bot wall	
81+35			69	5363	35 Lt gr.	
82+00			378	53946		℄
			391	53933		5 Rt edge pvt.
			550	53774		8.8 " " gut
			566	53758		11.3 " fl. line "
			551	53773		12.4 " bot ab.
			341	53983		12.8 " top "
			46	5386		14 " gr
			48	5384		30 " gr
			378	53946	5 Lt ctr. pvt	
			396	53928	13.8 " edge	
			543	53781	17.0 " " gut	
			585	53739	18.5 " fl. line "	
			580	53744	20 " Bot wall	

F. S. 1791 Pg. 192
Job No. Division No. Notes Red Date Plotted Date No. Profile
Survey of Notes Date Checked Date No. X-Sec.
Survey by Notes Chkd. Date
Indexed L. C. Johnson

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		54324				
83+00			062	54262		℄
			076	54248		5 Rt edge put
			291	54033		8 8 " " gut
			294	54030		11 3 " fl. line
			276	54048		12 4 bot ch
			045	54279		12 8 " Top "
			15	5417		14 " gr
			19	5413		30 " gr
			074	54250	5 - Lt ctr. put	
			102	54222	13 5 " edge of Put	
			201	54123	15 " Top of Retaining Wall	
			295	54029	16 8 " Bot " " "	
			333	53991	18 5 fl. line gut	
			333	53991	20 bot wall	
T.P. nail			062	54262		
	712	54974				
83+06			789	54185		7 8 Rt Top of [illegible]
			901	54073		8 6 " bot
			931	54043		10 3 " fl. line gut
			896	54078		12 2 " bot [illegible]

Profile Notes Red. ____ Plotted ____ Job No. 1963 Division No. ____ F.B. 1791 Pg. 193
No. ____ Date ____ Date ____ Survey of S.D. Proj #30 Quartz
Notes Chkd. ____ Checked ____ Survey By [illegible]
No. ____ Date ____ Date ____ Map No. ____ Date ____

76L298 307 4-50

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		549.74				
83+06			6.70	543.04		12.5 Rt top of cb
			8.0	541.7		14 " gr.
83+14.4			6.52	543.22	15.2 Lt top of wall	
			9.28	540.46	16.0 [illegible] " "	
			9.25	540.49	17.0 [illegible] edge of gut.	
			9.62	540.12	18.5 " fl. line gut	
			9.62	540.12	20 " B. wall	
83+21.5			5.89	543.85		℄ pvt
			5.79	543.95		8 Rt b. pvt
			5.25	544.49		8.1 " top of wall
			8.57	541.17		10.3 " fl. line colu.
			8.38	541.36		14.0 " Bot wall
			4.42	545.32		14.7 " Top " "
			7.3	542.4		13.7 bot " gr.
			8.0	541.7		30 " "
			5.96	543[illegible]	5 Lt [illegible] ctr pvt.	
			6.50	543.24	15.5 " edge "	
83+24.9			5[illegible]	544.3		15.3 Rt bot wall
			4.42	[illegible]5.32		" " Top "
83+41.21			4.82	544.9[illegible]		℄ in tors - pvt

F. S. 1791 [illegible]/94

Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of ____ Date ____ Date ____ No. ____

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed [illegible] C. John[illegible] Date ____ Date ____ Date ____ No. ____

76L298 207 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		549.74				
KK-14			4.24	545.50	Elv. 545.494 F.B. 1791-40 Buena Vista St. & Royal Oaks N-23 of Inter. of & Buena Vista St. Out spk in Conc Top of E. Tunnel Portal	
	4.44	549.93				
T.P. spk			4.48	545.45		
	7.20	552.65				
84+00			7.06	545.59		℄
			7.00	545.65		3.2 Rt edge of Tunnel pvt
			6.97	545.68	5 Lt. ctr pvt	
			6.60	546.05	12.8 " edge of Tunnel pvt	
84+63.0			5.40	547.25		℄ pvt
			5.34	547.31		2.8 Rt edge of [illegible] pvt
			8.36	544.29		9.4 " [illegible]
			5.41	547.24	5 Lt. ctr. pvt	
			5.11	547.54	13.3 " edge of Tunnel pvt	
			8.40	544.25	19.2 " fl-line culv.	
84+66			5.34	547.31		℄ pvt
			5.58	547.07		7.3 Rt Top conc [illegible]
			7.79	544.86		7.4 " bot "
			7.92	544.73		9.4 " fl-line [illegible]
			7.73	[illegible]		10.8 " bot [illegible]

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Lab. No. 6963 Division No. ____
No. ____ Date ____ Map No. ____ Date ____ Checked ____ Date ____ Survey of S.P. Proj. E. 20 Quartz
F. B. 1791 Pg. 125

76L298 307 4-50

4.95

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STATION	B. S.	H. I.	F. S.	ELEV.		
		552.65				
84+66			4.34	548.31		10^9 Rt Top of Cb
			5.09	547.56	13^3 Lt edge of gut	
			6.77	545.88	17^8 " Top of Wall	
			8.08	544.57	17^8 " Bot " "	
			8.30	544.35	20 " fl line culv.	
			8.19	544.46	21^4 " Bot Wall	
			6.47	546.18	21^7 Top "	
$84+66^8$			4.95	54[illegible]		10^9 Rt bot Cb conc
$84+67^8$			4.89	547.76		10^9 " edge of gut
T.P.			7.23	545.42		
	3.63	549.05				
K-K-14			3.56	545.49	KK-14. Elev 545.494 F.B. 1791-40 Bueng Vista St & Royal Oaks - N. 23 of inters & 8 E. of ℄ Bueng Vista St Cut spk in Conc., Toe of E Tunnel Portal	

F. B. 1791 Pg. 190

Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of ____ Date ____ Date ____ No. ____

Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

Profile	Notes Red	Plotted	Job No. 6963	Division No.	F. B. 1791	Pg. 197
No.	Date	Date	Survey of S.D. Project #30 (Duarte)			
[illegible]	Notes Chkd	Checked	Survey by [illegible]			
No.	Date	Date	Map No.	Indexed [illegible]		

J. N. [illegible]

Storm Drain Project # 30 (Div #2)

Buena-Vista St., "Duarte"

Profile & Cross Sections -
on ℄ - of Three Ranch Rd E. of Buena Vista

STATION	B. S.	H. I.	F. S.	ELEV.

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761.298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
					KK-3 Elev 460.881	FB-1791-34
				460 881	Buena Vista St & Dobson st. 75 W of Inters. 1s-side Bt. Spk in Lead. Top of Cb.	
KK-3	6.93	467 81				
0+00			713	460 68	Spk - Pg-110 - Inter = 0+00 E.	pvt
			745	460 36		20 Rt "
			6.77	461 04	20 Lt. pvt	
0+05			712	460 69		℄ pvt
0+10.5			722	460 59		℄ pvt
			752	460 29		11° Rt edge pvt
			6.88	460 93	20.3 Lt. edge pvt	
0+15.6			6.84	460 97		℄ Top crown Bridge
			6.98	460 83		10.7 Rt edge "
			9.7	458 1		11.0 " fl. gut
			9.9	457 9		20 " " "
			6.41	461 40	21 Lt edge bridge	
			9.4	458 4	21.5 " fl. line gut	
			9.2	458 6	28 " " "	
0+20			6.96	460 85		℄ pvt
			7.23	460 58		11.2 Rt. Top Flo cb.
0+23			7.00	460 81		℄ pvt
			6.78	461 03	19.5 Lt edge pvt	
			6.6	461 [illegible]	25 " gr.	

Profile
Plotted No.
Date
X-Sec.
Checked No.
Date
Notes Red.
Date
Notes Chkd.
Date
Division No.
Job No.
Notes
Date
Survey of
Survey by
Indexed
Fd. 1791 Pg. 198

761.298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		467 81				
0+23			7.0	460 8	29 Lt gr	
0+28			7.12	460 69		℄ pvt (gvt pav over)
			7.60	460 21		6 7 Rt bot Cb
			7.26	460 55		7° " Top "
			7.7	460 1		16 " gr.
0+50			7.61	460 20		℄ pvt
			8.04	459 77		6 1 Rt edge of gvt
			8.13	459 68		7° "
			7.48	460 33		" " Top Cb
			7.9	459 9		13 2 " gr
			7.29	460 52	8 Lt. ctr. pvt	
			7.52	460 29	22 " edge "	
			7.0	460 8	25 3 " gr brk	
			7.0	460 8	30 " "	
1+00			8.30	459 51		℄ pvt
			8.59	459 22		6° Rt edge of gvt
			8.66	459 15		7 " "
			8.03	459 78		" Top Cb
			8.1	459 7		15 gr
			8.06	459 [illegible]	9 Lt ctr pvt	

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1291 Pg. 199
No. ____ Date ____ Date ____ Survey of S.D. Project #30 Duarte
Notes Chkd ____ Checked ____ Survey By ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		467 81				
1+00			8 48	459 33	20 Lt edge put	
			7 9	459 9	25 " gr	
			7 8	460 0	30 "	
KK-3			6 93	460 88	KK-3 Elev 460.881 - F.B. 1791-34 Buena Vista St & Dobson St. 75' W. of Intersn (S-side)	
					Bt. spk in Lead Top of Cb	

Profile No. X-Sec. No.

Plotted Date Checked Date

Notes Red Date Notes Chkd Date

Division No. Job No. Notes Date

Survey of Survey by Indexed R. O. Johnson

F.B. 1791 Pg. 200

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 201

Survey of S.D. Project 30

Notes Chkd. ____ Checked ____ Survey by Holmes Notes ____ Date ____

No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

J.N. 6963

STORM DRAIN PROJECT 30

BUENA VISTA ST. DUARTE

PROFILE & CROSS SECTIONS of DOBSON ST. from BUENA VISTA West.

STATION	B. S.	H. I.	F. S.	ELEV.

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STATION	B. S.	H. I.	F. S.	ELEV.		
					BM# K.K.# 3 F.B. 1791-34	Elv. 460.881
B.M.				460 881	BUENA VISTA ST. & Dobson ST. 75' W. of inter. (S. side) Bt. Spk. & Lead in Top of Curb.	
	6 93	467.81			(Note: Dobson St. Drains West)	
0+00			6 94	460 87	Copper Tk. Pg. 110 (inter.)	℄ = 0+00 W. put
			6 57	461 24		20 Rt put
			7 26	460 55	20 Lt put	
0+11			6 95	460 86		℄ edge of Bridge
			6 31	461 50		33 Rt N. edge "
			7 59	460 22	33.6 Lt S-edge of Bridge	
0+17.0			7 02	460 79		℄ ctr. Brid.
			8 2	459 6		32 Rt fl. line gut
			9 5	458 3	32 Lt fl. line gut	
0+30.0			6 80	461 01		34 Rt edge of gut
0+32.0			7 73	460 08	30.7 Lt edge of gut	
			7 12	460 69		℄ put
			6 97	460 84		34.2 Rt bot cb
			6 30	461 51		" " Top "
			7 88	459 93	30.7 Lt bot cb	
			7 23	460 58	" " Top "	
0+54.5			7 07	460 74		℄ [illegible]
			7 31	460 50		[illegible] edge gut
			7 45	460 36		18 [illegible]

F. S. 1791 Pg. 202 Job No. Division No. Notes Red. Plotted Profile
Survey of Date Date No.
Survey by Notes Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		467.81				
0+545			684	460.97		18 Rt Top of Cb
			735	460.46	16½ Lt edge gut	
			753	460.28	18 " "	
			685	460.96	Top cb	
K-K-3					KK-3 Elev. 460.881	F.B. 1791-34
			693	460.88	Buena Vista St & Dobson St 75' W of Inter. (S side)	
					Bt. spk. in Lead Top of Cb.	

Profile Notes Red. ____ Plotted ____ Job No. 6963 Division No. ____ F.B. 1791 Pg. 203
No. ____ Date ____ Date ____ Survey of S.D. Project #30 Duarte
Notes Chkd. ____ Checked ____ Survey by [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Made and Job [illegible] Date ____

Bk. 1791 Pg. 204 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed R. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.

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78L598 307 4-60

Profile	Notes Red.	Plotted	Job No. 6963	Division No.	F. B. 1791	Pg. 205
No.	Date	Date	Survey of S. D. Project #30			
X-Sec.	Notes Chkd.	Checked	Survey by Holmes	Notes A.R.B.	Date	
No.	Date	Date	Map No.	Indexed	Date	

S. D. Project #30 (Div. 2.)

Buena Vista St. - Duarte

Profile & Cross Sections on ℄

Central Ave., East & West of Buena Vista St.

Rd. Man - pg. 113 = 0+00 E. & W.

STATION	B. S.	H. I.	F. S.	ELEV.

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Profile No. ____ X-Sec. No. ____ Plotted ____ Date ____ Checked ____ Date ____ Notes Red. ____ Date ____ Notes Chkd. ____ Date ____ Division No. ____ Job No. ____ Notes ____ Date ____ Survey of ____ Survey By ____ Indexed ____

STATION	B. S.	H. I.	F. S.	ELEV.		
					RK-2 Elev 480.989	F.B. 1791 - 34
				480.99	Central Ave & Buena Vista St	91' E. of Inters (N. side
	502	486.01			Bt. spk in Lead Top of Cb.	
0+00 going	E		4.94	481.07	0+00 going E	℄ Top of Mon.
			4.39	481.62		℄ pvt
			5.09	480.92		20 Rt pvt
			4.10	481.91	20 Lt pvt	
0+05			4.38	481.63	Inter storm	℄ pvt
0+13			4.47	481.54		℄ "
			5.06	480.95		12 Rt edge "
			4.26	481.75	18 Lt edge of pvt	
0+17.5			4.45	481.56		℄ pvt
			5.01	481.00		18 Rt edge Cond Bridge
			7.87	478.14		19 " fl-Line " "
			4.20	481.81	18 Lt N end conc Bridge	
			7.00	479.01	18 " fl-Line " "	
0+30			4.28	481.73		℄ pvt
			4.69	481.32		11 Rt edge "
			6.2	479.8		25 " gt
			4.58	481.43	13 Lt edge pvt	
			3.9	482.1	18 " brk	
			3.9	482.1	30 " gt	

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		486 01				
0+50			440	48161		℄
			491	48110		11.5 Rt edge
			61	4799		25 " gr
			515	48086	16 Lt edge pvt	
			45	4815	18 " gr	
			42	4818	30 "	
0+53.5			521	48080	15.6 Lt edge of gut	
			536	48065	17.6 " B. ab.	
			476	48125	17.0 " T. "	
1+00			481	48120		℄
			524	48077		10 Rt edge
			66	4794		25 " gr
			569	48032	16 Lt edge of gut	
			583	48018	18 " Bot. Ch.	
			521	48080	" " T. "	
			46	4814	30 " gr	
0+00 going West			494	48107		℄ Top of Mor
			439	48162		pvt
			410	48191		20 Rt

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 6763 Division No. ____ F.B. 1791 Pg. 207
Date ____ Date ____ Surveyor SD Project #30 Duarte
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Index ____ Date ____

76L298 307 4-50

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654
250
04

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STATION	B. S.	H. I.	F. S.	ELEV.		
		486 01				
0+00			507	48094	20 Lt pvt	
0+21			472	48129	℄	pvt
			441	48160		17 Rt pvt
			422	48179		30 " "
			530	48071	20 Lt pvt	
			557	48044	30 " "	
0+16 3			487	48114	℄	pvt
			541	48060	18 Lt edge pvt	
			579	48022	21 " Top Bubble H.W.	
			904	47697	21 5 " fl. Line 30" conc Pipe	
0+19			587	48014	25 Lt Top of 6" Wall - B - 6' Cb.	
			524	48077	26	T " "
0+30			555	48046	℄	pvt
			545	48056		15 Rt edge pvt
			45	4815		20 " Brk - gr
			575	48026	19 Lt - B - cb.	
			510	48091	" " T - "	
			60	4800	30 " gr	
0+50			529	48072	℄	pvt
			519	48082		15 3 Rt edge "

F. B. 1791 Pg. 208
Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of ____ Date ____ No. ____
Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec.
Indexed A. C. Johnson Date ____ Date ____ No. ____

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		486 01				
0+50			42	4818		20 Rt. brg
			548	48053	18.5 Lt. B. cb.	
			478	48123	" " T. "	
			59	4801	30 " gr.	
1+00			455	48146		℄ pt
			488	48113		15.8 Rt edge "
			33	4827		20 " gr.
			508	48093	18.7 [illegible] b. cb	
			423	48178	" T. "	
			52	4808	19.5 " B. "	
			55	4805	30 " gr	
					KK-2 Elev 480.989 F.B. 1791- 34	
KK-2			502	48099	Central Ave & Buena vista St. 81E of Inters. (N. side)	
					Bt. spkin Lead Top of Cb.	

Profile Notes Red. ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 209
No. ____ Date ____ Date ____ Survey of SD Project 7730
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

1791-210

Job No. _____ Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

STATION	B. S.	H. I.	F. S.	ELEV.

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76L298 307 4-54

Profile No.	Notes Red.	Plotted	Job No. 6963	Division No.	F. B. 1791 Pg. 211
	Date	Date	Survey of S.D. Project #30 Duarte		
X-Sec. No.	Notes Chkd.	Checked	Survey by Helms	Notes ARB	Date
	Date	Date	Map No.	Indexed C. Johnson	Date

J.N. - 6963

Storm Drain Project #30 (Div 2)

Buena Vista St. "Duarte"

Profile & Cross Section on & Bloomdale St

E of Buena Vista St.

STATION	B. S.	H. I.	F. S.	ELEV.

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76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					RK-1 Elev 493.024	F.B. 1791-34
	6 09	499 11		493 02	Buena Vista St & Bloomdale St 124' E. of inters (N. side)	
					Bt spk in Lead Top of Cb.	
0+00 going E.			501	494 10	Shingle Nail pg.-118 = 0+00 E	pvt.
			555	493 56		20 Rt "
			438	494 73	30 Lt pvt.	
0+05			499	494 12		℄ pvt
0+11			513	493 98		℄ brk pvt.
			579	493 32		20 Rt "
			446	494 65	30 Lt pvt	
0+22			629	492 82		℄ gvt pvt.
			696	492 15		20 Rt gvt
			584	493 27	21 Lt gvt pvt	
			538	493 73	48 " gvt "	
0+46			528	493 83		℄ edge of pvt.
			56	593 5		20 Rt gr.
			509	494 02	15 Lt pvt	
			490	494 21	292 " bot pre. mix Cb	
			461	494 50	30 Top " " "	
			46.	494 5	40 " gr.	
0+60			50	494 1		℄ gr
			61	493 0		20 Rt gr

F. B. 1791 Pg. 212

Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of ____ Date ____ Date ____ No. ____
Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed ____ Date ____ Date ____ Date ____ No. ____

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		499 11				
0+60			5 32	493 79	.1 Lt edge pvt	
			5 41	493 70	29.5 Lt Bot pre mix Cb	
			4 92	494 19	.30 " Top " "	
			5 4	493 7	.30.5 " gr	
			5 1	494 0	.40 " "	
1+00			6.0	493 1		℄ gr
			6.7	492 4		20 Rt - gr
			6 37	492 74	12 Lt edge pvt	
			6 57	492 54	29.5 " bot conc cb	
			5 96	493 15	.30 " To " "	
			5 6	493 5	.40 " gr	
KK-1			6 09	493 02	Elv - 493.024 F.B-1791-34 Buena Vista St & Bloomdale St 124 E of Inter (N. side) Bt spk - in Lead Top - of Cb	

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 213

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of S.D. Project #30 Quarter Survey by Holmes Notes A.R.B. Date ____ Map No. ____ Date ____ Made by Johnson Date ____

F.B. 1791 Pg. 214 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.

76L298 307 4-56

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Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6963 Division No. ____

F. B. 1791 Pg. 273

Survey of S.D. Project #30 Duarte

Notes Chkd. ____ Checked ____ Survey by Holmes Notes Aug. Date ____

No. ____ Date ____ Date ____ Map No. ____ Indexed C. Johnson Date ____

J.N. 6963

[illegible] Project #30 [illegible]

Buena Vista St. "Duarte"

Profile & Cross Section ℄ Maynard E of Buena Vista St.

STATION	B. S.	H. I.	F. S.	ELEV.

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764.298 307 4-50

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
					Elev 493.024	F.B. 1791-34
KK-1				493 02	Buena Vista St & Bloomdale St 124 E of Inter. (N-side)	
	6 09	499 11			Bt spk in Lead Top of Cb.	
			080	498 31		
	832	506 63				
0+00 = going E.			497	501 66	L.S. Tag nail & Tin Pg-120 = 0+00 E	put.
			536	501 27		20 Rt "
			456	500 27	20 Lt	put
0+05			502	501 61		℄ inter S.D. put.
0+11			512	501 51		℄ brk "
			558	501 05		20 Rt "
			608	500 55		42 " "
			499	501 84	20 [illegible]	put
			429	502 34	49 "	
0+24			616	500 47		℄ gut "
			676	499 37		28 Rt gut "
			562	501 01	33 Lt gut-put-edge	
0+45			516	501 47		℄ put brk
			531	501 32		17.0 Rt bot premix cb
			480	501 83		17.8 " Top " "
			54	501 2[illegible]		18 " gr "
			60	50[illegible]		25 " gr

F.B. 1791-216 Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked K-Sec.

Indexed C. Johnson Date Date No.

76L298 307

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STATION	B. S.	H. I.	F. S.	ELEV.		
		506 63				
0+45			501	501 62	17 4 Lt bot premix put	
			455	502 08	178 " Top " " "	
			51	501 5	30 " gr	
1+00			735	499 28		℄ put
			812	498 51		18 Rt Bot conc ab
			756	499 07		" " Top " "
			74	499 2		25 " gr
			7[illegible]	499 36	9 Lt put	
			[illegible]	499 01	18 " bot conc ab	
			[illegible]25	499 38	" " Top " "	
			67	499 9	30 " gr	
T.P. nail			6 15	500 48	KK-1 Elev 493.024	F.B 1791-34
KK-1	1 10	501 58	8 56	493 02	Buena Vista St & Bloomdale st. 124' E of inters (N-S)	
					Bt spk in Lead	Bt spk in Lead

Profile Notes Red. Plotted Job No. 6963 Division No. F.B. 1791 Pg. 217
No. Date Date Survey of S.D. Project #30 Quarts
X-Sec. Notes Chkd. Checked Survey by Holmes Notes A.R.B. Date
No. Date Date Map No. Kind of Tobacco Date

F. B. 1791 Pg. 218

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.

761398 307 4-50

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Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 6963 Division No. ____ F. B. 1791 Page 110

Notes Chkd. ____ Checked ____ Survey of S.D. Project #30 Duarte

No. ____ Date ____ Date ____ Survey by Holmes Notes [illegible] Date ____

Map No. ____ Indexed [illegible] Date ____

J.N. 6963

STORM DRAIN PROJECT #30 Div 21

Buena Vista St. Duarte

Profile & Cross Sections on ℄ Ses Mas St

W-of Buena Vista St

STATION	B. S.	H. I.	F. S.	ELEV.

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STATION	B. S.	H. I.	F. S.	ELEV.		
					KK-12 - Elev 521.686	F.B. 1791-39
KK-12	4.63	526 32		521 686	Buena Vista St. & Ses-Mas St 72' W of Inters (S-side)	
					Bt - spk in Lead Top-cb	
0+00 going W			435	521 97	1X2 pg 124 = 0+00 W	put
			396	522 36		20 Rt "
			471	521 61	20 Lt put	
0+06			460	521 72		℄ put
0+12 2			453	521 79		℄ Top conc bridge
			385	522 47		35 Rt [illegible] cb
			351	522 81		" " [illegible]
			514	521 18	36.8 Lt bot cb	
			485	521 47	" " Top "	
0+19			616	520 16		30.7 Rt fl line gut
			735	518 97	31 Lt fl line gut	
0+25 4			415	522 17		℄
			379	522 53		22.5 Rt [illegible]
			381	522 51		23.7 bo[illegible]
			33[illegible]	522 93		23.8 Top
			483	52[illegible]	[illegible] Lt edge of gut	
			4[illegible]	5[illegible]	23.1 bot cb	
			455	52[illegible]	23.3 Top "	

F.B. 1791 Pg. 220 Job No. Division No. Notes Red. Plotted Profile
Survey of Date Date No.
Survey by Notes Notes Chkd. Checked X-Sec.
Indexed R. C. Johnson Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		526 32				
0+45			433	521 99		℄ put
			445	521 87		13.5 Rt gut
			469	521 63		14.7 " bot cb
			390	522 42		15.0 " Top cb
			522	521 10	14' Lt edge gut	
			545	520 87	15 " "	
			478	521 54	15 " Top cb	
			437	521 95		℄ put
			471	521 61	7 Lt brk	
			520	521 12	14' " edge gut	
			532	521 00	15 " gut	
			468	521 64	15 Top of cb	
0+55			44[illegible]	521 92		℄ put
			426	522 06		7 Rt " [illegible]
			445	521 87		13.7 " edge [illegible]
			454	521 78		1[illegible] " edge [illegible]
			390	522 42		15 " Top [illegible]
0+9[illegible]			432	522 00		℄ put
			422	522 10		7 Rt
			435	521 97		14 " edge [illegible]

Profile Notes Red. Plotted Job No. 6963 Division No. F. B. 1791 221
No. Date Date Survey of S.D. Project #30 Duarte
Notes Chkd. Checked Survey by [illegible] Date
No. Date Date Map No. Indexed [illegible] Date

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Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red Date Notes Chkd. Date
Division No. Job No. Notes Date
F. B. 1791 Pg. 222
Survey of
Survey by
Indexed

STATION	B. S.	H. I.	F. S.	ELEV.		
		526 32				
0+95			4.45	521 87		15 Rt bot cb
			3.88	522 44		" " Top
			4.61	521 71	7 Lt pvt	
			5.08	521 24	14 " edge gut	
			5.18	521 14	15 " gut	
1+45			4.20	522 12		pvt
			4.11	522 21		7 Rt
			4.24	522 08		14 " edge of Lt gut
			4.33	521 99		15 " bot
			3.69	522 63		15 Top
			4.55	521 77	7 Lt pvt	
			5.01	521 31	14 " edge of gut	
			5.10	521 22	15 " Bot cb	
1+55			4.45	521 87	15 " Top cb	
1+95			4.10	522 22		
			3.95	522 37		pvt
			4.09	522 23		14 edge gut
			4.15	522 17		B cb
			3.53	522 79		15 T cb
			4.36	521 96	7 Lt pvt	

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STATION	B. S.	H. I.	F. S.	ELEV.		
		526 32				
1+95			486	521 46	14 Lt edge gut	
			494	521 38	15 Lt b-cb	
			433	521 99	" " T-cb	
KK-12			463	521 69	KK-12 Elev 521.689 F.B. 1791-[illegible] see begin	

Profile Notes Red. ____ Plotted ____ Job No. 6463 Division No. ____ F. B. 1791 Pg. 223

No. ____ Date ____ Date ____ Survey of S.D. Project #30 Quarts

X-Sec. Notes Chkd. ____ Checked ____ Survey by Holmes Notes [illegible] Date ____

No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.S. 1791 PG. 224 Job No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd Checked X-Sec.

Indexed Date Date Date No.

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STATION	B.S.	H.I.	F.S.	ELEV.

Profile	Notes Red.	Plotted	Job No. 6963	Division No.	F. B. 1791	Pg. 223
No.	Date	Date	Survey of S.D. Project #30 Duarte			
X-Sec.	Notes Chkd.	Checked	Surveyed by [illegible]	Notes [illegible]	Date	
No.	Date	Date	Map No.	Indexed [illegible] Johnson	Date	

J. N. 6963

STORM. DRAIN PROJEC[illegible] DIV. 2J

Buena Vista St. D[illegible]

Profile & Cross-Sectio[illegible] yal Oaks Dr

East & West of Buena Vista St.

STATION	B. S.	H. I.	F. S.	EL.

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76L298 307 4-56

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STATION	B. S.	H. I.	F. S.	ELEV.		
KK-14	424	549 73		54549.	KK-14 Elev. 545.494 E.B.179-40 Buena Vista St & Royal Oaks N-23°0'0" E 88' E. of Buena Vista St. cut spk in Conc. Toe of E. Tunnel Portal	
0+00 - going E.			488	[illegible]	Lead Tack dn 3" pg-125 = 0+00 going E.	pvt
			322	544 51		7 = Rt pvt
			600	548 72		20 Rt "
			474	544 99	5 Lt ctr pvt	
0+05			482	54[illegible] 91	18 " "	
0+125			482	544 91		℄ inter. pvt.
			475	544 98		℄ pvt
			456	545 17	6 Lt pvt	
			478	544 95	21½ edge pvt	
			434	545 39	24½ Top - H.W.	
0+13			474	544 99		℄
			563	544 10		15 Rt edge pvt
			585	543 88		19 " Bot H.W.
			52[illegible]	544 49		" " Top " "
0+15			775	541 98	2[illegible] Lt ft line	
			760	542 13	3½ " " "	
0+16			857	541 16		26½ Rt. ft line
0+25			466	545 07		℄ pvt
			447	545 26	6 Lt ctr pvt	

Plotted ____ Date ____ No. ____ Profile
Notes Tied ____ Date ____ X-Sec.
Notes Chkd ____ Checked ____ No.
Date ____ Date ____

Job No. 6963 Drawing No. ____
Survey of S.D. Proj. 420 Duarte
Survey by D.E.H. Notes A.R.G.
Indexed E. G. Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		54973				
0+25.5			4.60	54513	17.8 Lt edge put	
			4.51	54522	20.3 " Top H.W.	
			7.70	54203	22.4 " Fl. line center	
0+26.0			4.65	54508		℄ put
			5.00	54473		6 Rt edge put
			5.23	54450		8 " Top H.W.
			7.78	54195		9.9 " Fl. line center
			4.49	54524		11.4 " Top ab
0+35			6.42	54331	22.3 Lt Brk in Fl. line gut	[illegible]
0+50			4.50	54523		℄ [illegible]
			4.97	54476		6 Rt edge put
			6.62	54311		10.9 " gut
			[illegible]5	54508		11.1 " Top ab
			[illegible]	54547	6.3 Lt ctr put	
			4.51	54522	16 " edge of "	
			4.95	54478	19 " Top wall	
			5.53	54420	19.6 Bot "	
			6.00	54373	21.6 Fl.	
			5.70	54403	23.4 Bot Wall	
			4.42	54531	24 Top "	

Profile No. ___ Plotted ___ Job No. 6963 Division No. 4 F.B. 1791 Pg. 6

Date ___ Checked ___ Survey by Holmes Notes [illegible] Date ___

Date ___ Map No. ___ Date ___

76L298 307 4-50

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		549.73				
1+50			341	546.32		℄
			384	545[illegible]		5-Rt edge pvt
			519	544[illegible]		10 3/4 " gut
			344	546.21		10 5/8 " Top of Cb
			312	546.61	6 Lt ctr pvt	
			315	546.58	17 7/8 " edge "	
			389	545.84	20 6/8 " fl. line gut	
			377	545.96	23 " Bot Wall	
			234	547.39	23 4 Top "	
KK-14			424	545.49	KK-14 Elev 545.494 F.B. 1791-40 Bueng Vista St & Royal Oaks Av N-23 of Intersect E of ℄ Buena Vista St cut-spk in Conc, Toe of E. Tunnel Portal	
	444	549.93		545.49	KK-14-Elev 545.49 see above	
0+00 going W.			512	544.81	Lead & Tack (dn 3") pg-125 = 0+00 going W. pvt	
			494	544.99		15 Rt pvt
			503	544.90		18 2/8 Rt "
			620	543.73	20 Lt pvt	
0+14 1/2			534	544.59		℄ pvt
			513	544.30		6 Rt pvt
			550	544.13		18 Rt edge pvt
			570	544.23		22 7/8 [illegible]

F.B. 1791 228 Job No. Division No. Notes Red. Plotted No. Date Date Chk. X-Sec. No.
Survey of Notes Date Notes Chkd. Date
Survey by Indexed K. C. Johnson Date

76L298 307 4-50

PLEASE RETURN TO
[illegible]ES COUNTY SURVEYOR
72[illegible] [illegible]LES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		549.93				
0+14 1			543	54450		24 3 Rt Top H.W.
			876	54117		25 " fl line culv
			766	54227		32 " "
0+12 5 o.k.			527	54466		℄ pvt
			642	54351	13° Lt edge pvt.	
			672	54321	26 5 " Top of H.W	
			979	54014	27 [illegible] fl. line culv.	
0+20			541	54452		℄ pvt
			596	54397	6 5 Lt edge pvt	
			643	54350	8 " brk "	
			66	5433	10 6 " bot Wall gr	
0+25 5			549	54444		℄
			528	54465		6 Rt ctr pvt
			561	54432		17 3 " edge "
			594	54399		21 6 " Top H.W.
			760	54233		23 0 " fl. line culv
0+50			564	54429		℄ pvt
			548	54445		6 Rt "
			554	54439		12 5 "
			579	54414		18 " edge pvt

Profile No. ___ Notes Red. ___ Plotted ___ Job No. 6963 Division No. ___ F.B. 1791 Pg. 229
Date ___ Date ___ Sheet of SD Proj. 30 Quarter
X-Sec. No. ___ Notes Chkd. ___ Checked ___ Survey by Holmes Notes [illegible] Date ___
Date ___ Date ___ Map No. ___ Date ___

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		549 93				
0+50			6 3	543 6		22.5 Rt gr. gut
			6 15	543 78	6 Lt. edge put.	
			6 5	543 4	10 " B[illegible] wall gr.	
1+50			5 72	544 21		℄ put.
			5 60	544 33		6-Rt L put
			5 70	544 23		12 " "
			6 00	543 93		17.2 edge put
			6 5	543 4		21.5 gr gut
			6 10	543 83	7 Lt. edge	
			6 5	543 4	7.5 " dirt	
			6 4	543 5	10 " Bot wall gr.	
K K-14			4 44	545 49	KK-14 Elev. 545.494 Buena Vista St & Royal Oaks. N-23 of Infers 88' E. of ℄ Buena Vista St. Cut spkin Conc., Toe of E. Tunnel Portal	F.B. 1791-40

Profile
Plotted ____ Date ____ No. ____
X-Sec.
Checked ____ Date ____ No. ____
Notes Red ____ Date ____
Notes Chkd ____ Date ____
Division No. ____
Job No. ____
Notes ____ Date ____
Survey of ____
Survey by ____
Indexed E. C. Johnson
F.B. 1791 Pg. 230

1791 231

F. B. _____ PG. _____

Notes Ck'd by _____	Survey of S.D. Project "30"
Map No. _____	W. O. 6963 Tape No. _____ St'd. _____ °F
Office Work _____	Surveyed by Holmes
Checked _____	Notes Holmes Date 8-27-53
Date _____	Indexed C. Johnson 9-1-53

STORM DRAIN PROJECT #30 DUARTE

J.N. 6963

Additional Improvements

No. of Royal Oaks on

℄ of Storm Drain Prod.

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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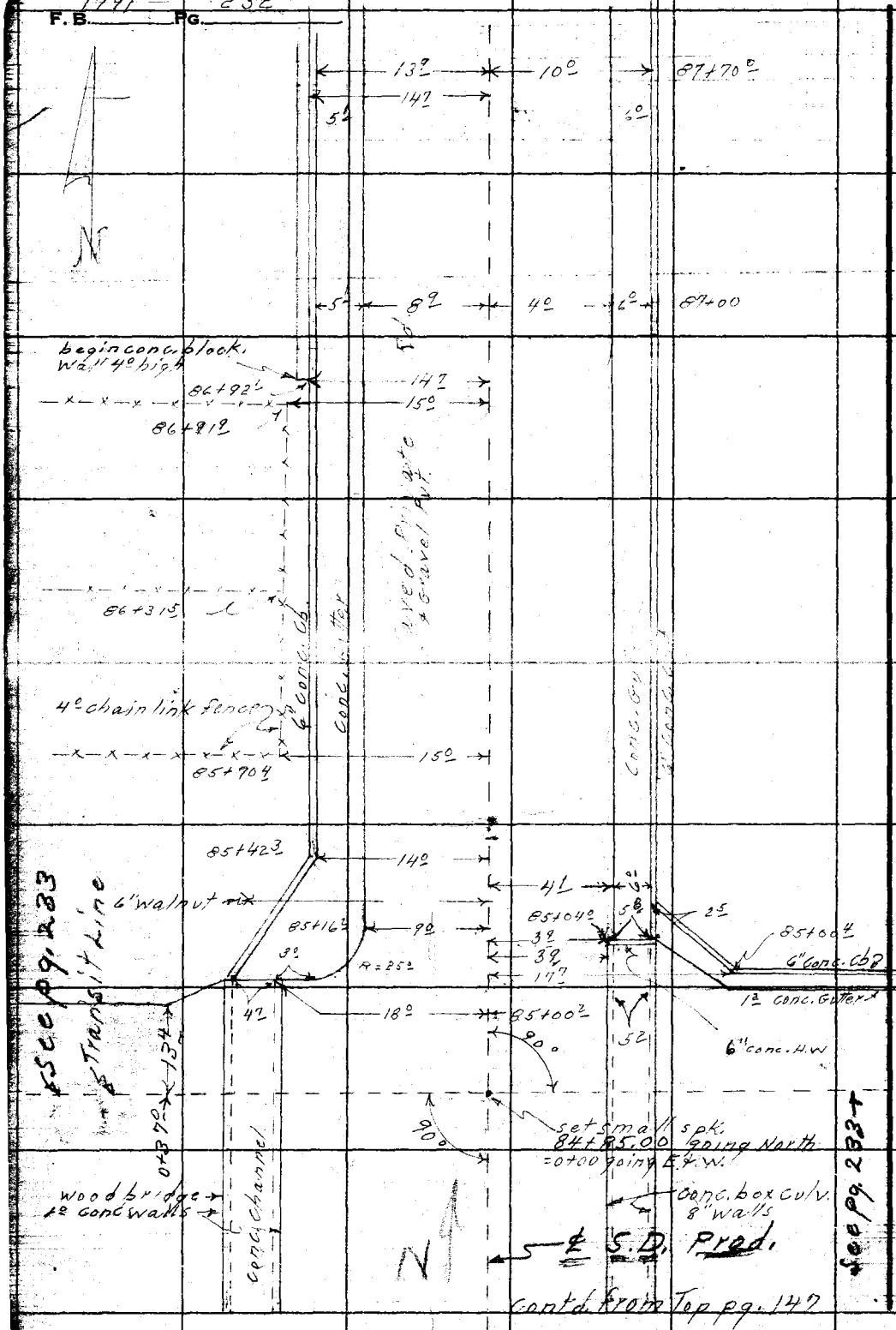
76FS09S 247 4-53

1791 — 232

F.B. _____ PG. _____



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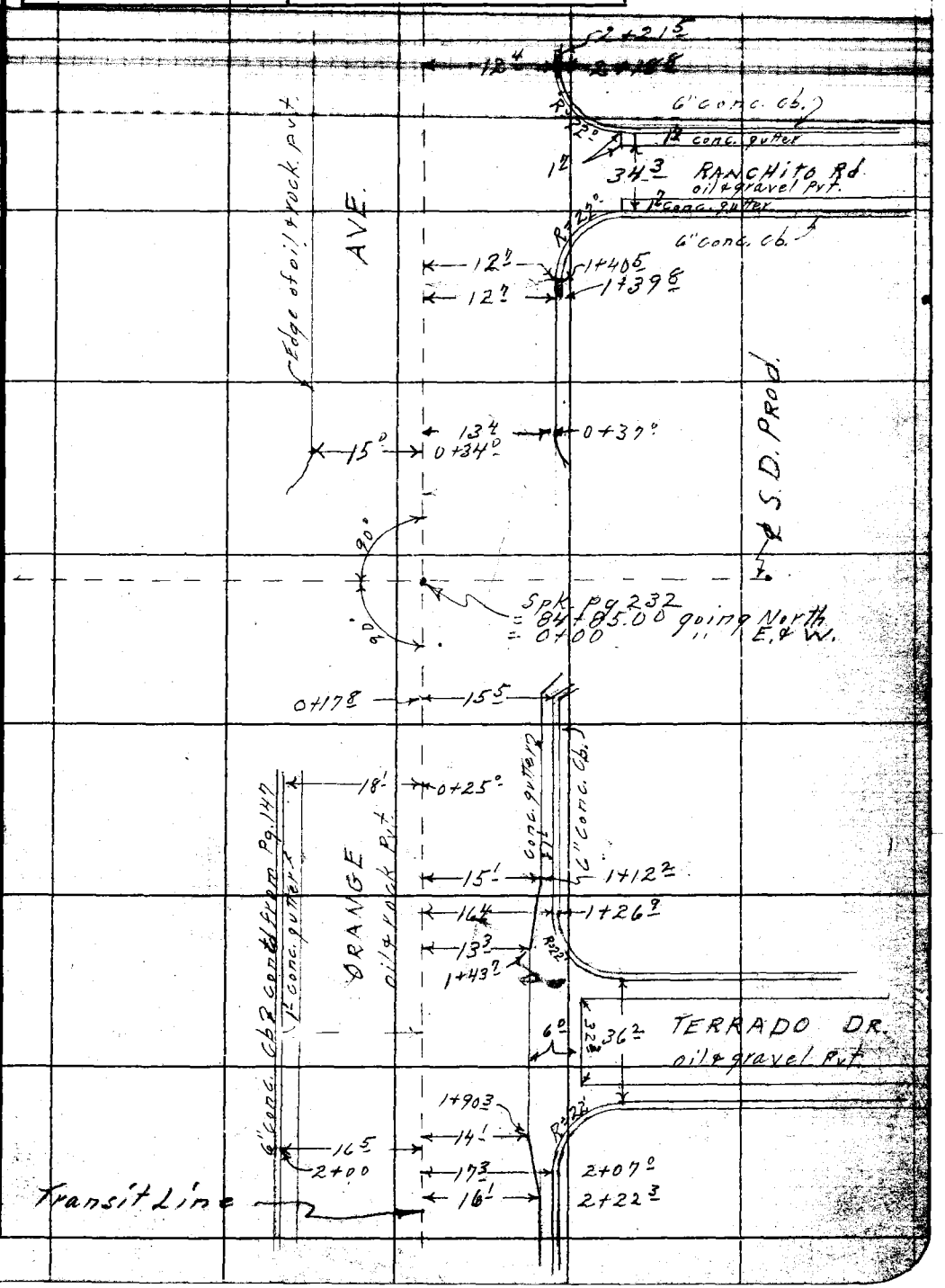
Notes Ck'd by	Survey of S.D. Project #3b
Map No.	W. O. 6963 Tape No. St'd. °F
Office Work	Surveyed by Holmes
Checked	Notes Holmes Date
Date	Indexed C. Johnson

F. B. 1791 PG. 233



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726 LOS ANGELES COUNTY
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76FB085 247 4-58

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F.B. 1271 PG. 234

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. ____ Division No. ____ F. B. 1791 Pg. 235

Misc. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of ____ Survey by ____ Notes ____ Date ____ Map No. ____ Indexed Johnson Date ____

J. N. 6963

STORM DRAIN PROJECT 30 DUARTE

Additional Profile & Cross Sections, No of Royal Oaks on ℄ Proposed Storm Drain

Note

Cross Section on Orange Ave
To the right pg = 243
" " Left pg = 251

Holmes
Baritotti
Hand
West

STATION	B. S.	H. I.	F. S.	ELEV.

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761.298 307 4-60

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
					B.M. KK-14 Elev 545.494 F.B. 1791 pg. 40	
KK-14				545 494	Buena Vista & Royal Oaks N. 23' of Inter & E of	
					& Buena Vista St.	
					Cut spk in Conc. Top of E. Tunnel Portal	
	3.45	548 94				
T.P			1 35	547 59		
	919	556 78				
85+00			8 40	548 38		℄ Storm Drain Line
			8 89	547 89		35 Rt edge of put
			8 77	548 01		17½ " out conc
			8 33	548 45	4½ Lt Brk in Put	
			8 28	548 50	17½ Lt edge of wood Bridge	
			8 28	548 50	23 " " " "	
85+00⁴			8 13	548 65		17½ Rt Top of
85+01°			8 27	548 51	12° Lt - edge of put	
"			9 78	547 10	17½ " Top of conc wall	
"			11 43	545 35	18½ " Bot. " "	
"			11 53	545 35	22½ " W. " " "	
			9 15	547 63	22½ " Top "	
			8 3	548 5	27° " Brk. 95	
85+04°			8 49	548 29		3½ Rt Top of conc R.W.
			8 98	547 80		3½ " " " Calk
			11 31	545 47		44 " Bot " " "
			11 38	545 40		98 E " " "

Pl. 1791 Pg. 236 Job No. 6 862 Division No. Notes Red. Plotted Profile
Survey of S.A.D. F.A.D. Date Date No. X-Sec.
Survey by Holmes Notes Chkd Checked
Indexed E. Johnson Date Date No.

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		556.78				
85+04.0			8.78	548.00		9.8 Rt - Top of conc Cul
			8.82	547.96		13.0 " conc gut
			8.16	548.62		13.4 " Top of Co
85+06.5			8.34	548.44		℄ put
			9.13	547.65		4.1 Rt edge of put
			10.00	546.78		9.2 " bot
			7.81	548.97		10.0 " Top of wall
			7.7	549.1		20 " gr
85+16.2			8.03	548.75		℄ Storm Drain
			8.02	548.76	3 Lt ctr. put	
			8.62	548.16	8.9 " edge of gut Partly pav. over	
			9.83	546.95	12.9 " Brk in "	
			10.43	546.35	19.3 " bot "	
			8.16	548.62	19.3 " Top of conc wall	
			7.8	549.0	30 " gr	
85+42.3			7.46	549.32		℄
			7.41	549.37	3.0 Lt ctr put	
			7.95	548.83	8.7 " edge "	
			9.06	547.72	13.9 " Bot of conc wall	
			[illegible]	[illegible]	14.1 " Top "	

Profile Notes Red. ____ Plotted ____ Job No. 4863 Division No. ____ F. B. 1791 Pg. 237
No. ____ Date ____ Date ____ Survey of ____ Date ____
Notes Chkd. ____ Checked ____ Survey by ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Index Jobs ____ Date ____

76L298 307 4-50

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F.B. 1791 Pg. 238 Job No. Division No. Notes Red. Plotted Profile
Survey of Date Date No.
Survey by Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

STATION	S. S.	H. I.	F. S.	ELEV.		
		556.78				
85+42.3			73	549.5	148 Lt	gr-
			73	549.5	25 "	"
85+50			725	549.53		℄
			745	549.33		3° Rt brk in put
			784	548.94		4° " edge of put
			875	548.03		9° " put
			657	550.21		10° " Top of wall
			68	550.0		20 " gr
			725	549.53	3° Lt	ctr. pav-
			770	549.08	9° "	edge of put & put
			886	547.98	139 "	put
			650	550.23	149 "	Top of wall
			72	549.6	148 "	gr
			75	549.3	20° "	gr.
			592	550.86		℄
86+00			606	550.70		3° Rt. brk in put
			634	550.44		4° " edge of "
			728	549.50		9° " put
			509	551.69		10° " Top of wall
			56	551.2		10.5 "
			58	551.0		20°

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		556.78				
86+00			589	55089	3° Lt ctr put	
			612	55066	8° " Brk in put	
			642	55036	8.9 " edge of " & gut	
			744	54934	11.8 " Brk in gut	
			756	54922	13.7 " gut	
			504	55174	14.0 " Top of wall	
			60	5508	14.6 gr.	
			62	5506	25 gr.	
86+50			445	55233		℄
			458	55220		3.2 Rt. Brk in put
			484	55194		4.0 " edge
			578	55100		9.8 " gut
			370	55308		10.0 " Top of wall
			44	5524		10.6 " gr.
			45	5523		20.0 " gr.
			445	55233	3.0 Lt ctr put	
			462	55216	7.0 " Brk "	
			483	55195	8.9 " edge "	
			589	55089	11.8 Brk in gut	
			610	55068	13.7 Bat "	

Profile Notes Red ____ Plotted ____ Job No. 6969 Division No. ____ F. B. 1796 Pg. 239
No. ____ Date ____ Date ____ Survey of S.D.F. 730 Mile
Notes Chkd. ____ Checked ____ Survey by Holmes Notes Chkd. ____
No. ____ Date ____ Date ____ Map No. ____ Date ____ Johnson Date ____

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		556.78				
86+50			3.81	552.97	14° Lt Top of Wall	
			5.00	551.78	14.6 gr	
			5.1	551.7	25 " gr.	
87+00			2.98	553.80		℄
			3.12	553.66		3.2 Rt Brk
			3.30	553.48		4° edge of put
			4.21	552.57		9.8 " gut
			2.11	554.67		10° Top of Wall
			3.4	553.4		10.6 " gr.
			3.3	553.5		20° " gr.
			2.95	553.83	3° Lt	
			3.11	553.67	7° Brk	
			3.38	553.40	8.9 edge put	
			4.48	552.30	11.8 Brk in gut	
			4.77	552.01	13.9 gut	
			2.49	554.29	14° Top of Wall	
87+50			1.43	555.35		℄
			1.61	555.17		3.4 Rt
			1.84	554.94		4° " edge of put
			2.76	554.02		9.8 " bot gut

F. S. 4791 Pg. 240
Job No. Division No. Notes Red. Plotted Profile
Survey of Date Date No. X-Sec.
Survey by Notes Checked
Indexed C. Johnson Date Date No.

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		556.78				
87+50			0.64	55614		10° Rt top of wall
			16	5552		10° " gr
			13	5555		20 " gr
			135	55543	2° Lt ctr.	
			161	55517	8° " Brk	
			190	55488	8° edge of put	
			312	55366	11.8 Brking gut	
			330	55348	13° gut	
			103	55575	14° Top of wall	
T.P.			919	54759		
	151	549.10				
K.K. 14			361	54549	B.M.-K.K.-14 Elev. 545.494 See Legi	

Profile Notes Red. ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 241
No. ____ Date ____ Date ____ Survey of S. [illegible] Sonoma Co.
X-Sec. Notes Chkd. ____ Checked ____ Survey by Holmes Notes [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F. B. 7791 PG. 842

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd Checked X-Sec.

Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.

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76L298 307 4-56

Profile No. | Notes Red. | Plotted | Job No. 6963 | Division No. | F. B. 1791 | Pg. 243
Date | Date | Survey of [illegible]
X-Sec. No. | Notes Chkd. | Checked | Survey by Holm[illegible] | Notes [illegible] | Date
Date | Date | Map No. | Indexed [illegible] | Date 9-1-63

J.N. 6963

STORM DRAIN PROJECT #30 DUARTE

Addinoal Profile & Cross Section, No. of Royal Oaks to the Right on Orange Ave

STATION	B. S.	H. I.	F. S.	ELEV.

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764.298 3277 4-63

76L298 307 4-50

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					B.M. KK-14 Elev. 545.494 F.B 1791 pg-40	
KK-14				545 494	Buena Vista & Royal Oaks N 23' of Inter & 8' E of ℄ Buena Vista St	
					Cut spk in Conc. Toe of E. Tunnel Portal	
	345	548 94				
			135	547 59		
	647	554 06				
0+00			599	548 07	Trans Line = 84+85 ℄	Storm Drain Prod "Put" = 0+00 going E.
			641	547 65		4 Rt brk in put
			675	547 31		20 " put
			569	548 37	20 - Lt. put	"
0+04			633	547 73	Top of Box Culv - ℄	"
			641	547 65		13 Rt ℄ Pt Top of Box Culv
			686	547 70		18 "
			625	547 81	18 6 Lt. bot of H.W.	"
			576	548 30	18 7 " Top " "	
			626	547 80	19 0 ledge of gut	
			642	547 64	21 6 " " " "	
0+04 6			854	545 52	19 1 " W. bot of Culv	
0+05 5			645	547 61		16 5 Rt bot. H.W.
			600	548 06		16 6 " Top " "
0+06 2			696	547 10		17 0 Rt. Top of Culv Wall
0+06 5			907	544 99		17 " bot " "

F. S. 1791 PG. 244
Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile
Survey of ____ Date ____ Date ____ No. ____
Survey by ____ Notes ____ Notes Chkd ____ Checked ____ X-Sec.
Indexed ____ C. Johnson ____ Date ____ Date ____ No. ____

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		554.06				
0+07.3			6.98	547.06		19' Rt. Top of Culv. (= Bot. of Tunnel)
0+10.3			9.03	545.03		17 Rt. flow Culv.
0+09.4			8.52	545.54	19' Lt. E. bot of Culv.	
"			6.11	547.95	21.5 " Top of culv. wall & out	
0+11.0			6.27	547.79		16.5 Rt. Bot of H.W.
			5.84	548.22		16.5 " Top "
			6.36	547.70		17.0 " Bot "
			6.36	547.70		18.3 " bot of out
			5.75	548.31		18.5 " Top of Ch.
0+10.5			6.06	548.00	18.5' Lt. bot of H.W.	
			5.56	548.50	18.6 " Top of " "	
			6.06	548.00	19 " out	
			6.11	547.95	21.3 " "	
			5.45	548.61	21.6 " Top of 6" Co. going E.	
			5.10	548.96	21.7 " Top of Wall going N.	
0+18.0			5.76	548.30		℄ Transit line out
			5.83	548.23		9.0 Rt. " out
			5.99	548.07		17.0 " edge of out
			6.09	547.97		18.1 " out
			5.46	548.60		18.3 " Top of Ch.

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ____ Map No. ____ Notes ____ Date ____ Notes ____ Date ____

F. B. 1791 Pg. 245

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		554 06				
0+18			584	548 22	.7° Lt Pvt	
			598	548 08	14.3 " edge of pvt	
			607	547 99	15.3 " gvt	
			542	548 64	15.5 " Top of Cb	
0+25			547	548 59	.	℄ Transit Line
			557	548 49	.	8 Rt pvt.
			589	548 17	.	17 " edge of pvt
			593	548 13	.	17.8 " gvt
			532	548 74	.	18.1 Top of Cb
			555	548 51	7° Lt Pvt	
			585	548 21	14.5 " edge Pvt	
			591	548 15	15.5 " gvt	
			526	548 80	15.7 Top of Cb	
0+50			494	549 12	.	℄ Transit Line
			508	548 98	.	8° Rt Pvt
			545	548 61	.	16.8 " edge of Pvt
			549	548 57	.	17.5 " gv
			486	549 20	.	17.8 Top of Cb
			501	549 05	.7 Lt pvt	
			540	548 66	. edge of Pvt	

F. B. 8791 Pg. 246
Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile
Survey of ____ Date ____ Date ____ No. ____
Survey by ____ Notes ____ Notes Chkd. ____ Checked ____ X-Sec.
Indexed A. C. Johnson Date ____ Date ____ No. ____

76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		554.06				
0+50			5.45	548.61	Lt - gut	
0+57			4.71	549.35	" Top of	
1+00			4.03	550.03		℄ Transit Line
			4.08	549.98		8° Rt Put
			4.54	549.52		" edge Put
			4.63	549.43		" gut
			3.97	550.09		Top of Cb
			4.12	549.94	7° Lt	
			4.49	549.57	" edge Put	
			4.58	549.48	" gut	
			3.94	550.12	Top of Cb	
1+26.9			3.59	550.47		℄ Transit Line
			3.66	550.40		8 Rt Put
			4.00	550.06		" edge Put
			4.13	549.93		" gut
			3.49	550.57		Top of Cb
			3.62	550.44	7° Lt Put	
			3.91	550.15	edge put	
			4.02	550.04	gut	
			3.38	550.68	Top of Cb	

Profile Notes Red. Plotted Job No. Division No. F. B. 1791 Pg. 247
No. Date Survey of
X-Sec. Notes Chkd. Checked Survey by Notes Date
No. Date Date Map No. Indexed Date

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		554 06				
1+49			3 00	551 06		℄
			3 13	550 93	7° Lt - Put	
			3 43	550 63	13³ " edge of gut	
			3 47	550 59	16³ " flow line of gut	
			2 69	551 37	38⁴ " Gut N. end of N.W.C.R.	
			2 09	551 97	38⁴ " Top of Cb " "	
1+50			2 99	551 07		℄
			3 14	550 92		8 Rt Put.
			3 55	550 51		edge of Put
			3 65	550 41		" gut
			3 00	551 06		" Top of Cb
1+85°			2 20	551 86		℄
			2 29	551 77	7° Lt Put.	
			2 55	551 51	14' " edge gut	
			2 64	551 42	17 " flow line gut	
			1 58	552 48	39³ gut. N. end of N.E.C.R.	
			0 95	553 11	" Top of Cb.	
2+00			1 90	552 16		
			1 96	552 10		8 Rt Put
			2 36	551 70		edge Put

F. B. 7791 Pg. 248
Job No. ____ Division No. ____ Notes Red ____ Plotted ____ Profile
Survey of ____ Date ____ Date ____ No. ____
Survey by ____ Notes ____ Notes Chkd ____ Checked ____ X-Sec.
Indexed ____ Date ____ Date ____ Date ____ No. ____

76L298 307 4-50

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		554 06				
2+00			2 46	551 60		Rt gut
			1 83	552 23		" Top of Cb
			1 90	552 16	7° Lt.	Put
			2 17	551 89	14⁶ "	edge of gut
			2 23	551 83	16⁴ "	flow line gut
			2 05	552 01	18³ "	but Cb
			1 40	552 66	18⁴	Top "
2+07			1 71	552 35		℄
			1 74	552 32	7° Lt.	put
			2 06	552 00	15²	edge put
			2 10	551 96	17³	gut
			1 42	552 64	17³	Top of Cb
T.P.			6 47	547 59		
	1 51	549 10				
KK-14			3 61	545 49	B.M. KK-14 Elev 545.494	see begin

Profile Notes Red. ____ Plotted ____ Job No. ____ Division No. ____ F. B. 1791 Pg. 249
No. ____ Date ____ Date ____ Survey of ____
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Date ____

F. B. 1791 Pg. 250

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd Checked X-Sec.

Indexed C. Johnson Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.

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76L298 307 4-60

Profile	Notes Red.	Plotted	Job No. 6963	Division No.	F. B. 1791	Pg. 251
No.	Date	Date	Survey of S.D.P. #30 Duarte			
X-Sec.	Notes Chkd.	Checked	Survey by Holmes	Notes A.R.B.	Date	
No.	Date	Date	Map No.	Indexed C. Johnson	Date	

JAN 1963

STORM DRAIN PROJECT #30 DUARTE

Additional Profile & Cross Sections No. of Royal Oaks to the Left on Orange Ave

STATION	B. S.	H. I.	F. S.	ELEV.

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76L298 307 4-60

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
					B.M. KK-14 Elev 545.494 F.B. 1791 pg-40	
KK-14				545 494	Buena Vista & Royal Oaks N-23' of inter & 8' E. of ℄ Buena Vista St.	
					Cut spk in Conc. Toe of E. Tunnel Portal	
	345	548 94				
			135	547 59		
	647	554 06				
						℄ Transit Line Put
0+00			598	548 08	Trans Line 84+85° ℄ Storm Drain Prod: 0+00 going W.	
			569	548 37		20 Rt Put
			643	547 63	11.5 Lt Put	
			678	547 28	20° " Put	
0+07			587	548 19		℄ Transit Line
0+17			600	548 06		℄ edge of Wood Bridge
			559	548 47		15 Rt end
			703	547 03		15.5 " Top of Culv. Wall
			652	547 54	14.5 Lt S.E cor. Bridge	
			789	546 17	15° " Top of culv wall	
			789	546 17	19° " Top " "	
0+18			877	545 29		15.5 Rt bot of Wall
			961	544 45	15 Lt bot of Culv.	
0+21			890	545 16		15.5 Rt. bot of Wall
" "			965	544 41	15 Lt bot Wall	
0+22			606	548 00		℄

F. B. 1791 Pg. 252
Job No. Division No. Notes Red Plotted Profile
Survey of Date Date No.
Survey by Notes Chkd Checked X-Sec.
Indexed C. Johnson Date Date No.

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		554.06				
0+22			5.70	548.36	15 Rt	N. W. Cor of Bridge
			6.49	547.57		15.5 Rt. Top of Wall
			6.34	548.72	14.5 Lt.	S. W. Cor. Bridge
			7.81	546.25	15.0 "	Top of Wall
			7.81	546.25	19.3 "	" "
0+25			6.05	548.01		℄ Transit Line Put
			5.87	548.19		7.0 Rt. put
			5.61	548.45		14.8 " edge
			6.7	547.4		18 " gut dirt
			5.6	548.5		21 "
			6.31	547.75	6 Lt.	put
			6.37	547.69	13 "	pav. gut
			7.66	546.40	15 "	bot. pav gut
			7.66	546.40	18 "	" " = Toe slope
0+34.0			6.80	547.26	10.3 "	Put brk
			7.39	546.67	13.5 "	gut
			7.13	546.93	15.0	edge of put
0+37.0			5.87	548.19		7.0 Rt. Put
			5.86	548.20		13.4 " edge Rt
0+50			6.40	547.66		℄ Transit Line

Profile Notes Red. ____ Plotted ____ Job No. 4963 Division No. ____ F. B. 1791 Pg. 253

No. ____ Date ____ Date ____ Survey by Holmes Notes A.R.B. Date ____

X-Sec. Notes Chkd. ____ Checked ____ Map No. ____ Indexed ____ Date ____

76L298 307 4-50

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STATION	B. S.	H. I.	F. S.	ELEV.		
		554.06				
0+50			584	548.22		6° Rt. Put.
			620	547.86		13 " edge of put
			56	548.5		15° " gr.
			52	548.9		22 " "
			675	547.31	7° Lt Put.	
			721	546.85	13 " " Flow line gut. Put	
			66	547.5	15 " edge of put & Toe. R.R. embankment.	
1+00			616	547.90		℄ Transit Line Put
			579	548.27		7° Rt. Put
			620	547.86		12 " gut & edge Put.
			55	548.6		14 " Brk - gr
			55	548.6		20 " " gr
			651	547.55	7° Lt Put	
			691	547.15	12³ gut Put	
			630	547.76	15 " edge of put & Toe Slope	
1+39.8			597	548.09		℄
			578	548.28		6.5 " Put
			620	547.86		12.7 " gut
			557	548.49		12.8 " Top of Ch.
1+50			594	548.12		℄ Transit Line Put

F. B. 4991 Pg. 254

Job No. ____ Division No. ____ Notes Red. ____ Plotted ____ Profile ____
Survey of ____ Date ____ Date ____ No. ____
Survey by ____ Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.		
		554 06				
1+50			575	548 31	.	5.5 Rt. put
			616	547 90	.	11.5 " " brk
			609	547 97	.	15.7 " bot Ch
			549	548 57	.	" " Top "
			622	547 84	.7° Lt Put Brk	
			648	547 58	.12 " gut put	
			570	548 36	.15 " edge " & Toe Slope	
1+62.5			587	548 19	.	℄ Transit Line Pu
			598	548 08	.	35.0 Rt. gut Nend [illegible]
			535	548 71	.	35 " Top Ch "
1+96.6			566	548 40	.	℄ Transit Line Pu
			585	548 21	.	34.5 Rt. gut Nend [illegible]
			526	548 80	.	" " Top Ch "
2+00			564	548 42	.	℄ Transit Line
			548	548 58	.	5 Rt. Put
			603	548 03	.	11.5 " gut
			583	548 23		[illegible] " bot Ch
			529	548 77	.	[illegible] Top
			593	548 13	[illegible] Put	
			622	547 84	[illegible]	

Profile Notes Red ____ Plotted ____ Job No. 6963 Division No. ____ F. B. 1791 Pg. 265
No. ____ Date ____ Date ____ Sheet No. 5 [illegible] Date
X-Sec. Notes Chkd ____ Checked ____ Survey by Holmes Noyd [illegible] Date
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
		554 06				
2+00			564	548 42	15 Lt Edge of Pvt & Toe Slope	
2+18.8			552	548 54		℄ Transit line
			594	548 12		℄ Rt. gut
			535	548 71		" Top Cb.
T.P			647	549 59		
	1 51	549 10				
KK-14			361	545 49	B.M. KK-14 - Elev 545.494 see begin	

Notes Red ____ Date ____ Plotted ____ Date ____ No. ____ X-Sec. ____
Notes Chkd ____ Checked ____ Date ____ No. ____
Surveyed by ____ Notes ____ Date ____
Indexed ____ C. Vohs ____ Date ____

A. O. Johnson 1791/257

June 16, 1953

Elevs. on top of irrigation pipe and 12" Water line of Duarte Domestic Water Co. at S.D. x-ing at Buena Vista St. and Duarte Rd.

Tatchell
Lord
Socher

Sta.	B.S.	H.I.	F.S.	Elev.	
B.M. KK-4	6.22	460.97		454.749	B.M. KK-4 - Bt. spk. in lead in Top of S.Cb. of Duarte Rd. - 48' W. of ℄ of Buena Vista St.
Top of 20" Irr. line			8.42	452.55	
Top of 12" Water			10.50	450.47	