Notes Ck'd by

Office Work

Survey of

JN Tape Std °F

Surveyed by

Notes Date

Indexed

F. B. 3336 Pg.

	Job	Description	
	Index	VINCENT AVE. S.D.#1228	6112.28
	C.L.	Centerline survey of Barranca Ave. fr. Cypress to Covina	
	topog.	Same as above	
	X-Sec.	Cross-section - same as above	
		S.D.PROJ. #1268 (Covina Area)	6712.68
	Index		
	C.L.	Centerline survey vic. of Workman Ave. & Hollenbeck Ave.	
	B.M.	Bench levels for the above	
	topog.	Topog. on the above.	
	X-Sec.	Cross-section on the above	
		S.D. PROJ. #1263 (Altadena Area)	6012.63
	B.M.	Bench levels	
	C.L.	Centerline survey vic. of New York Dr. @ Hill Ave. & Sierra Bonita Ave.	
	topog.	Loc. of improvements on the above.	
	X-Sec.	Cross-section on the above	

Microfilmed Feb. '85

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F. B. _____ PG _____

LINE D

Notes Ck'd by M. OSHITA	Survey of VINCENT AVE SD	F. B 3336 PG. 5
Map No.	JN 611228 Tape Std °F	
Office Work	Surveyed by AC Guizado	
Checked	Notes ACG Date 10/18/66	
Date	Indexed C. J. GALLI OCT 31 66	

JOB NO 611228
VINCENT AVE
STORM DRAIN

LINE "D"

CENTERLINE STATIONING

REF:
CSB 1646-1
FB 2540
2106
TRACT 18264
21489

FOR DESIGN
PURPOSES ONLY

GUIZADO AC
LANDA E
LYBRAND J
HENDERSON J
VALDEZ CG

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78F309S CE#310 1-65

F. B. 3336 Pg. 6

INDEX

AVE

COVINA BLVD

12

BROOKPORT ST

TRACT 18264

11

BARRANCA

BELLBROOK ST

10

BENWOOD ST

9

TRACT BENBOW ST 21489

8

CYPRESS ST

7

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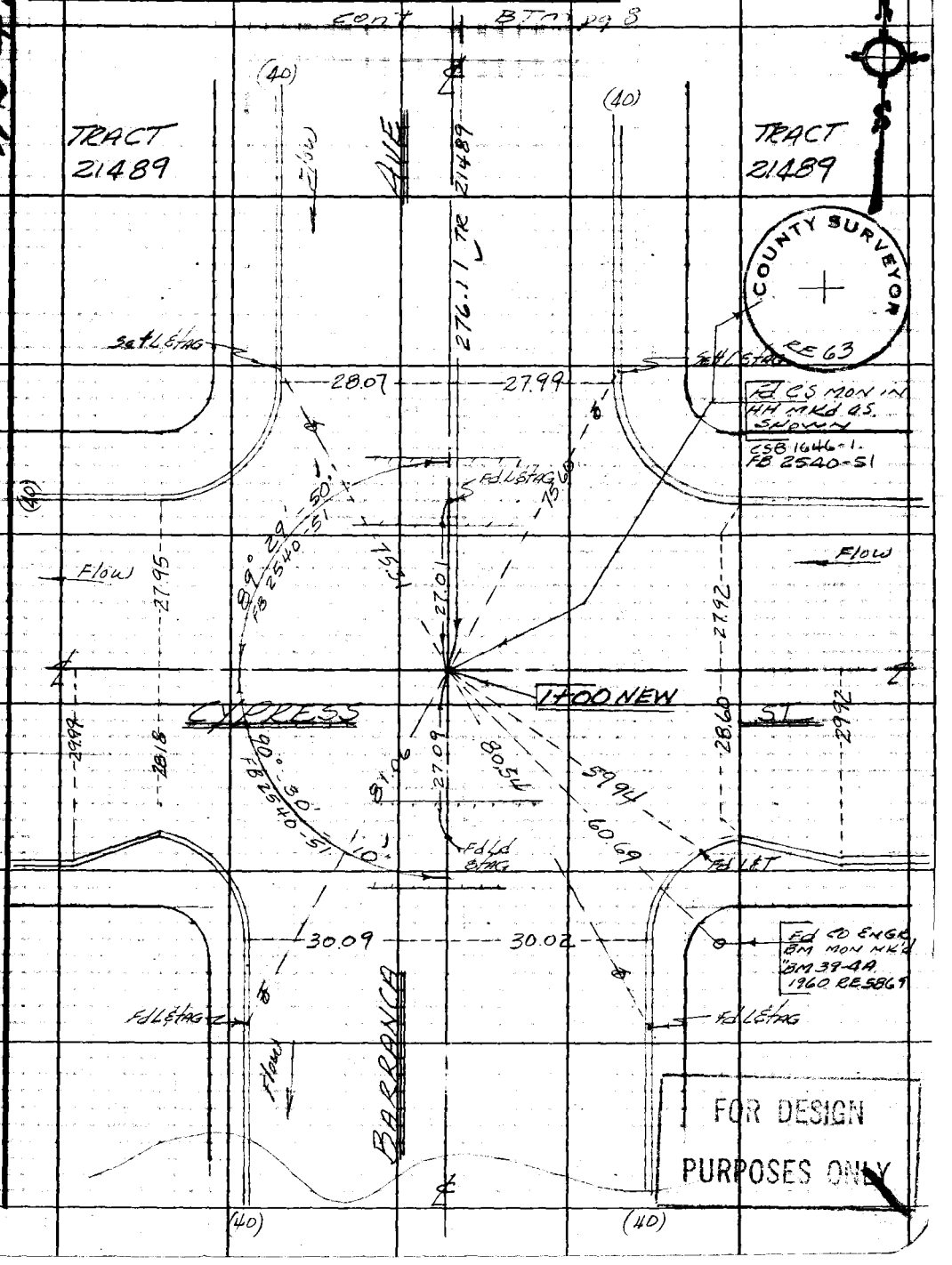
LINE "D"

Notes Ck'd by M. OSHITA	Survey of VINCENT AVE	F. B. 3336 PG. 7
Map No.	JN 611228 Tape Std °F	
Office Work	Surveyed by A.C. Guizado	
Checked	Notes ACG Date 10-66	
Date	Indexed C. J. GALLI JAN 12 '71	

WS 47, D-4

Cont BTM pg 8



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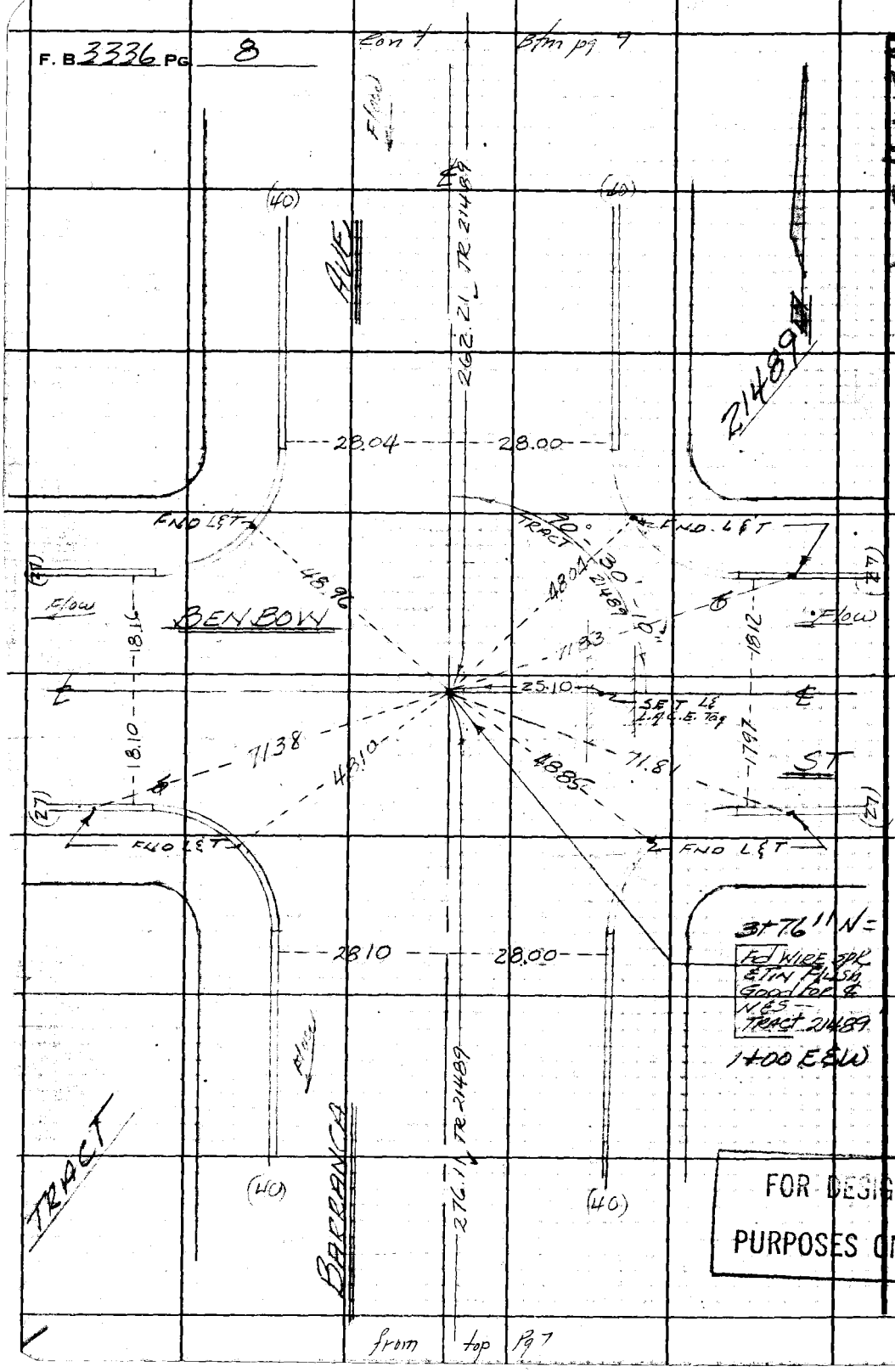
F. B. 3336 PG 8

Cont Btm pg 9



from top Pg 7

W5.47, D-4

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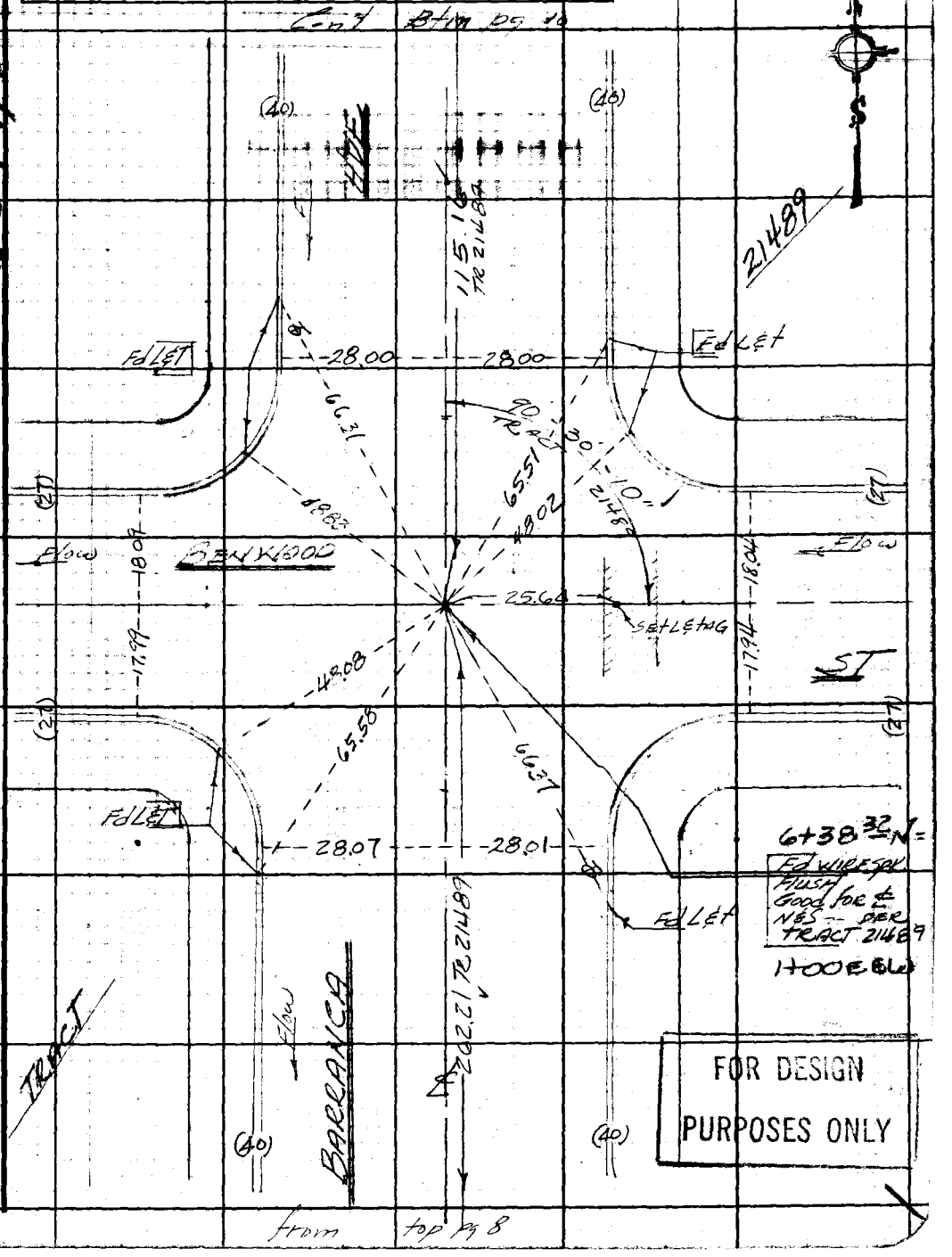
Notes Ck'd by M. OSHITA	Survey of VINCENT AVE SD	F. B 3336 PG. 9
Map No.	JN 611228 Tape 0274 Std 68 °F	
Office Work	Surveyed by A.C. Guiraldo	
Checked	Notes ACG Date 10/14/66	
Date	Indexed C. J. GALLI JAN 12 '71	

W547, D-4



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from top pg 8

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26F309S CE# 310 1-65

F. B. 3336 PG 10

Cont Btm pg 11

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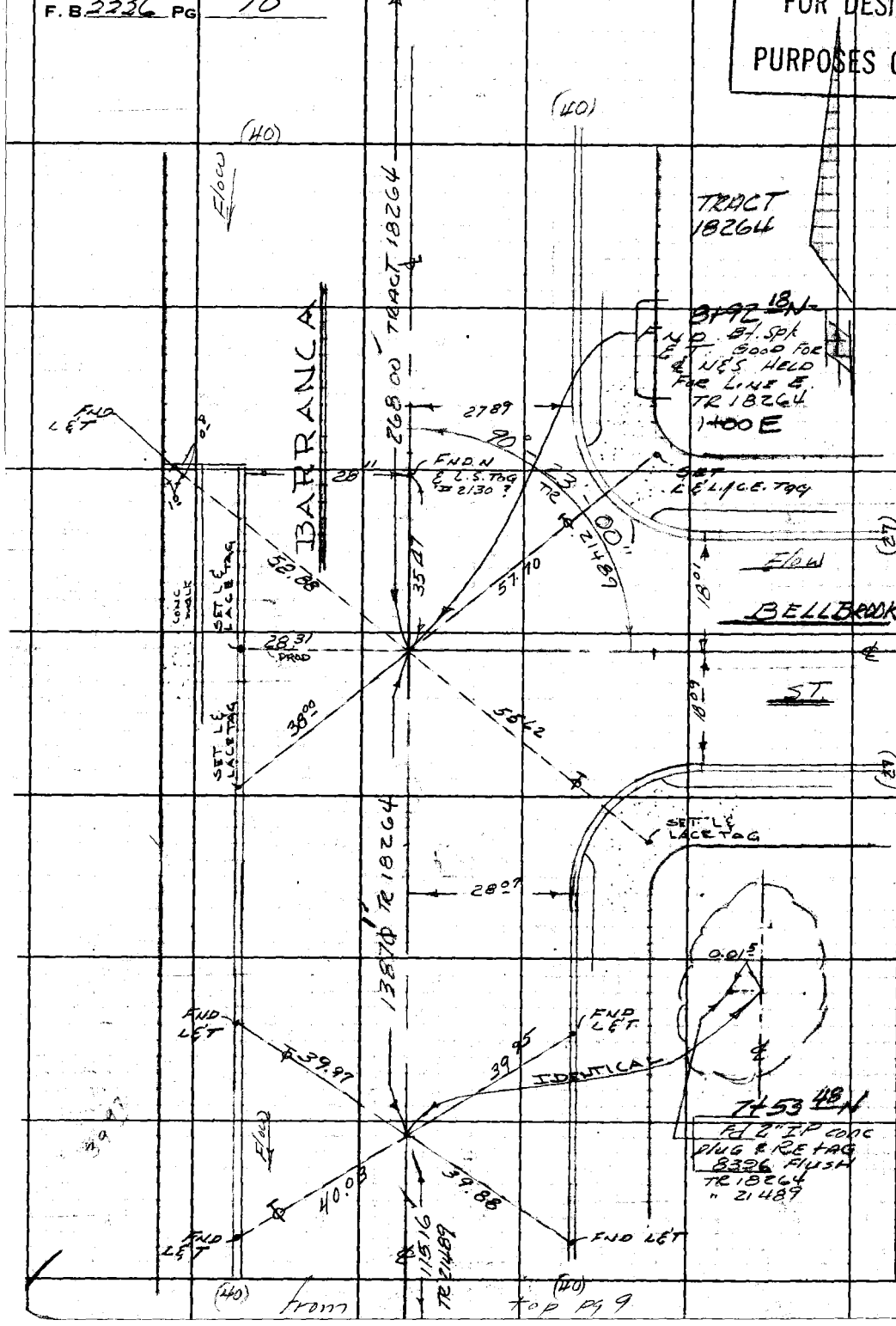

from top pg 9

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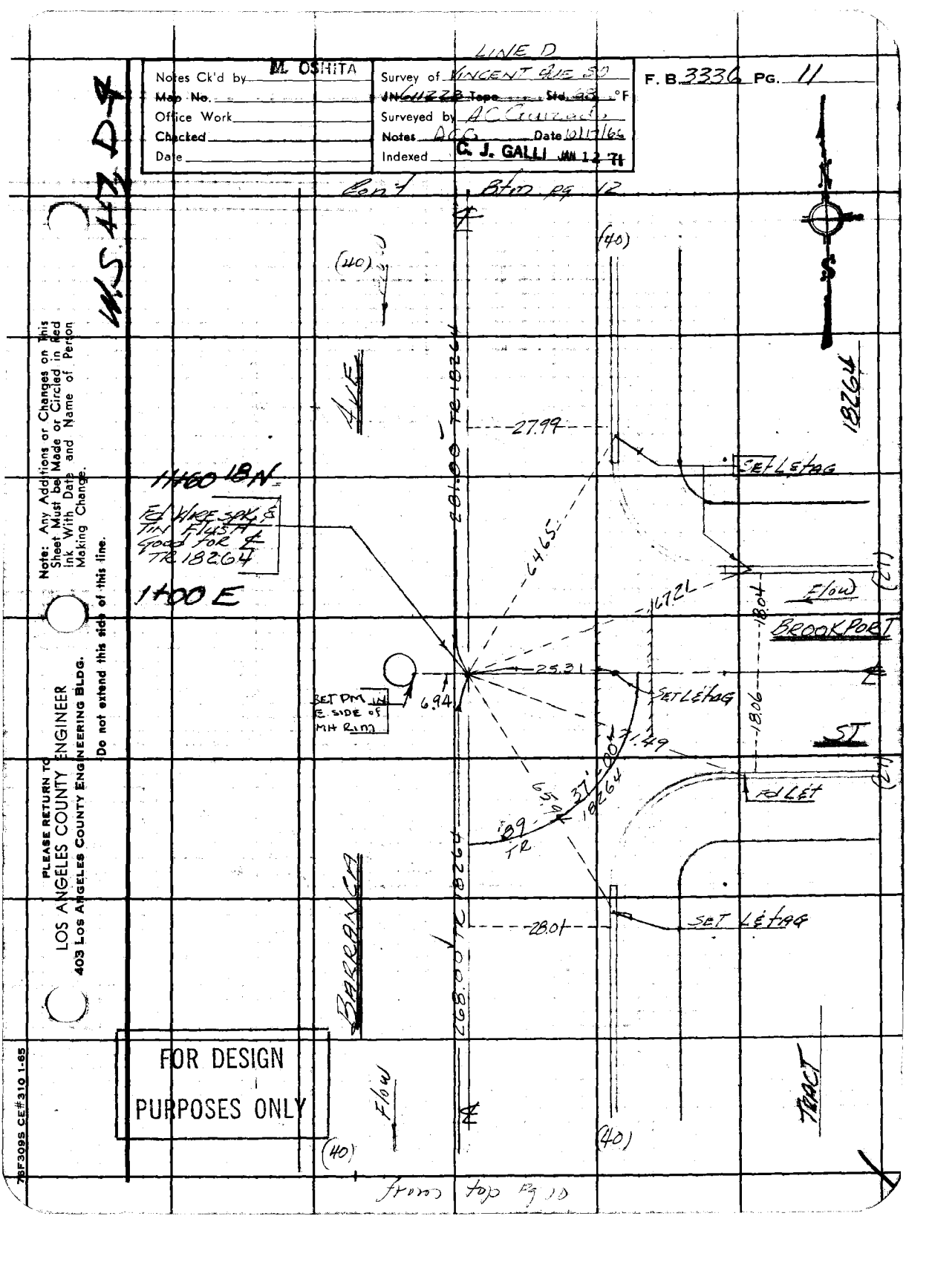
WS 47 D-4



LINE D
Notes Ck'd by M. OSHITA
Map No.
Office Work
Checked
Date
Survey of VINCENT QUE SO
JN 611223 Tape Std. 68 °F
Surveyed by A C Guzzado
Notes ACG Date 10/17/66
Indexed C. J. GALLI JAN 12 '71
F. B. 3336 PG. 11
W.S. 47 D4
Cont Btm pg 12
(40)
AVE
281.00 TR 18264
27.99
SET L&tag
18264
1+60 18N
Fd Wire spk & Tin Flush Good for ℄ TR 18264
1+00 E
64.65
16.72
Flow
18.04
BROOKPORT
25.31
SET L&tag
SET PM IN E. SIDE of MH Rim
6.94
18.06
ST
71.49
Fd L&t
37'-00
18264
65.9
89 TR
BARRANCA
268.00 TR 18264
28.01
SET L&tag
FOR DESIGN PURPOSES ONLY
Flow
TRACT
from top Pg 10
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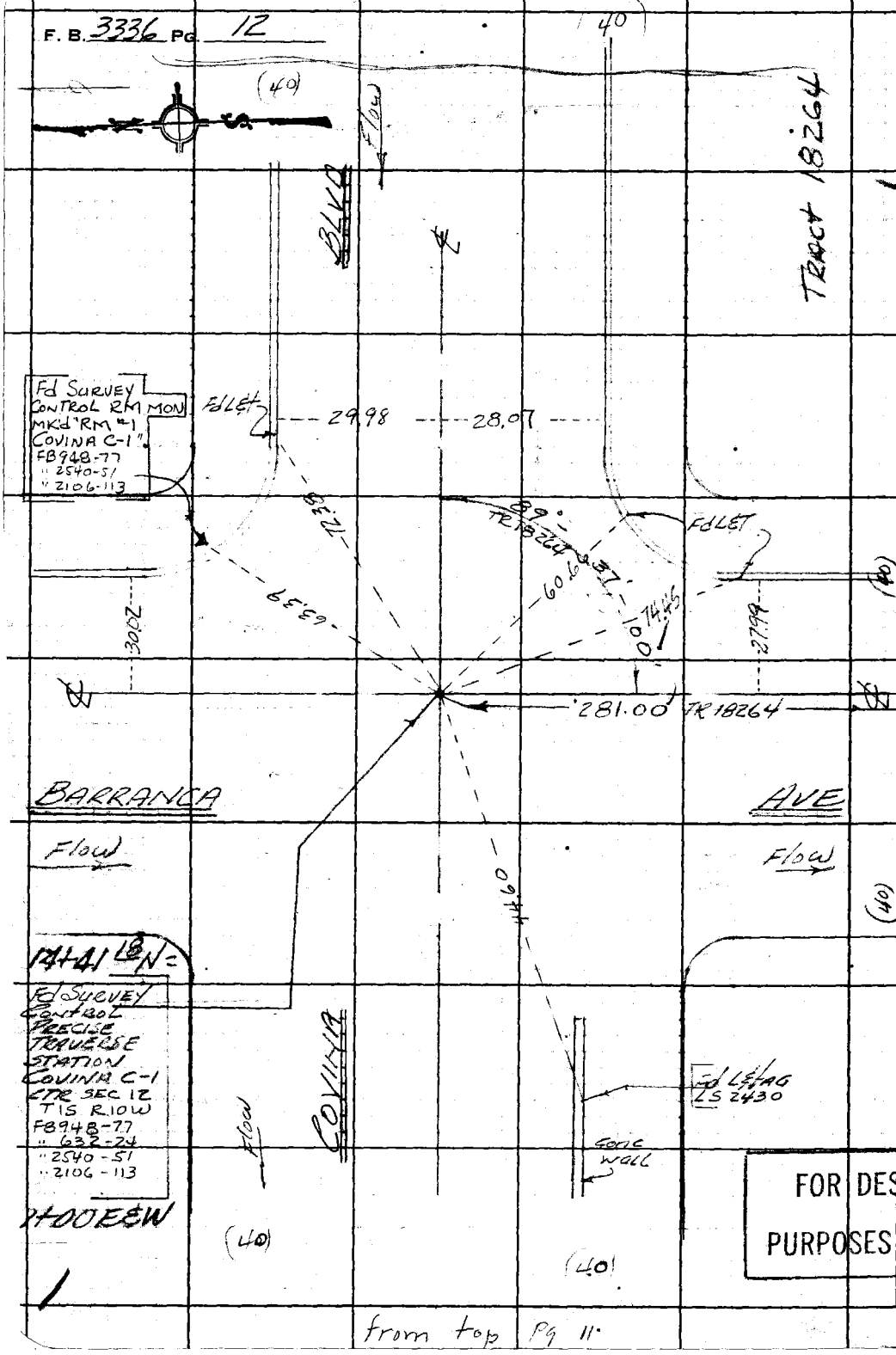
7BF309S CE#310 1-65

F. B. 3336 Pg. 12



WS47, D-4

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from top Pg 11

1-LINE "D"

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

Survey of VINCENT AVE
~~JN 6112.28~~ Tape — Std. — °F
Surveyed by A C QUIZADO
Notes E. LANDA Date 10-66
Indexed C. J. GALLI 11 31 68

F. B. 3336 PG. 13

VINCENT AVE
S. D.
LINE "D"

J. N. 6112.28

TOPOGRAPHY

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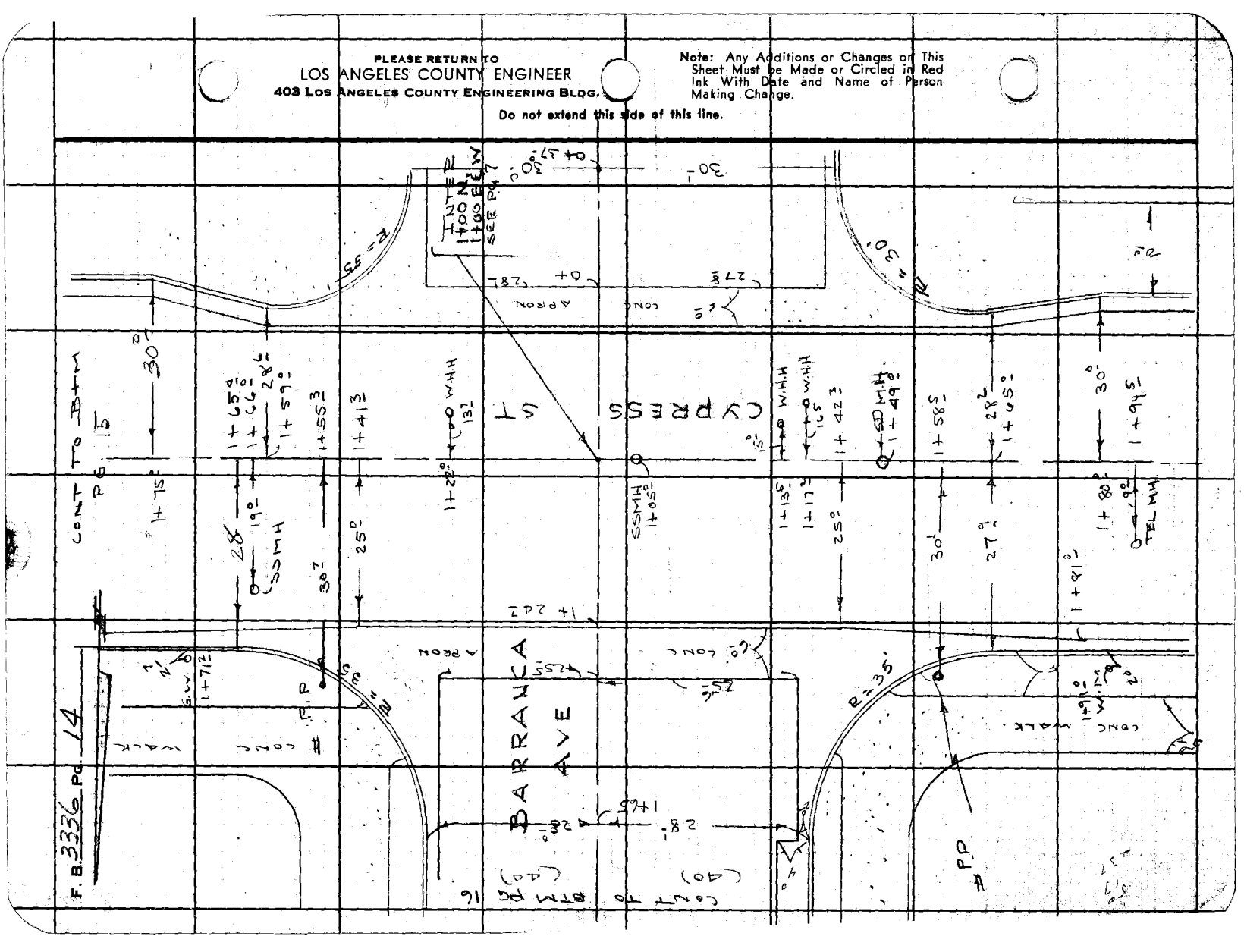

LINE "D"

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

Survey of VINCENT AVE
JN 6112-78 Tape - Std. - °F
Surveyed by A C GUIZADO
Notes ELVANDA Date 10-26
Indexed C. J. GALL

F. B. 3336 PG. 15

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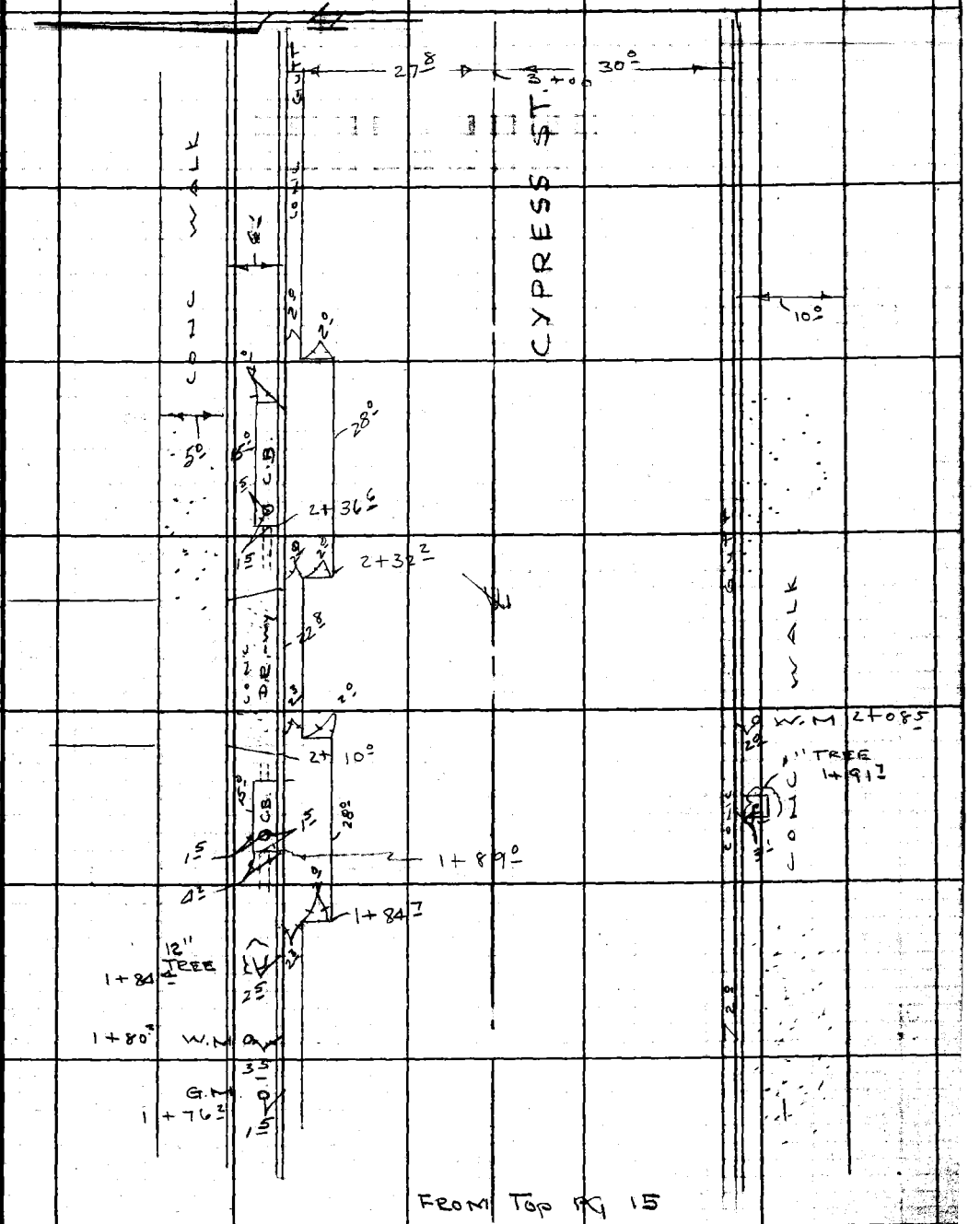

CONT TO BTM PG. 17

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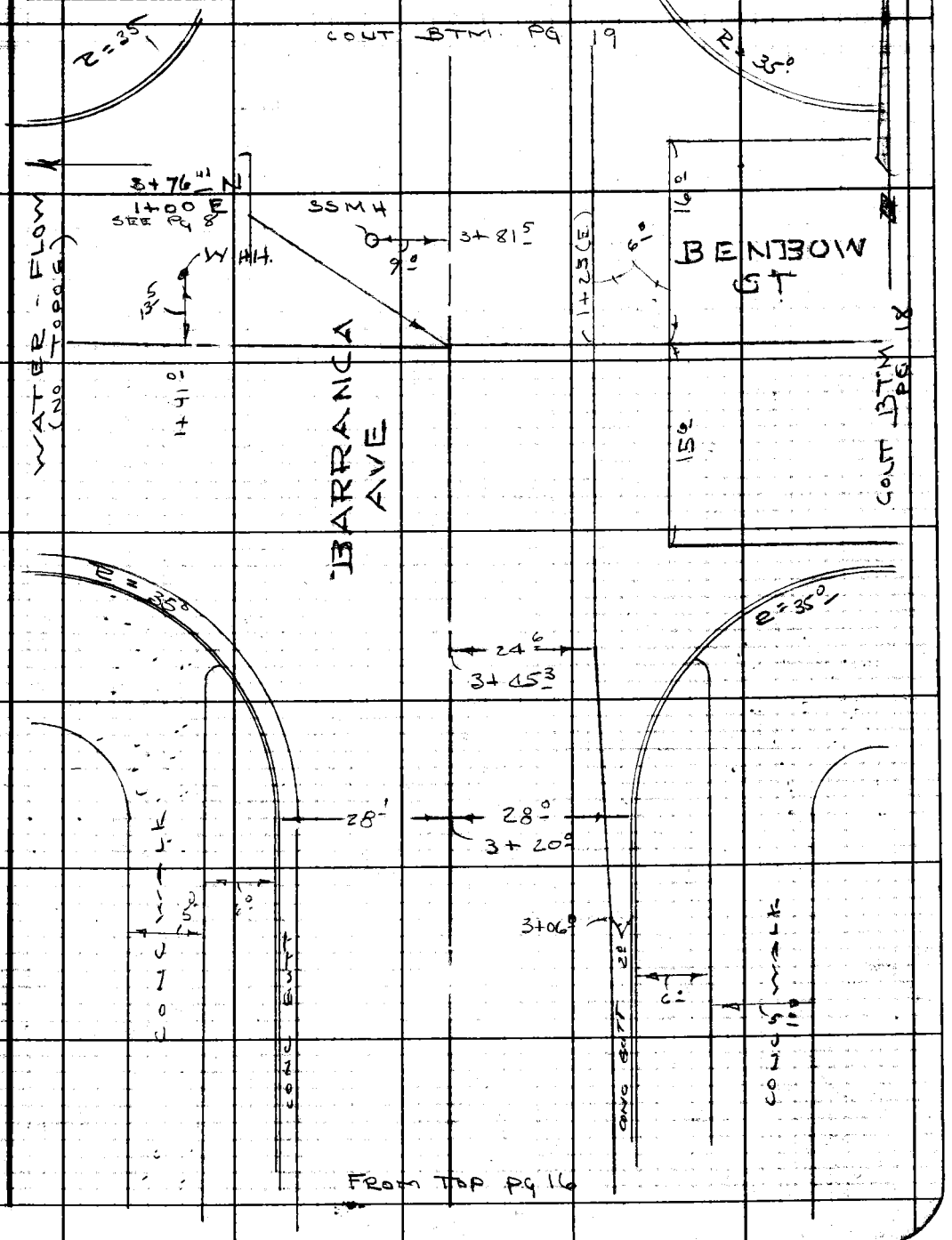
LINE "D"

Notes Ck'd by	Survey of VINCENT AVE	F. B. 3336 PG. 17
Map No.	JN 6112.2 Tape — Std — °F	
Office Work	Surveyed by A. C. GUIZADO	
Checked	Notes E. LANDA Date 10-66	
Date	Indexed C. J. GALLI	



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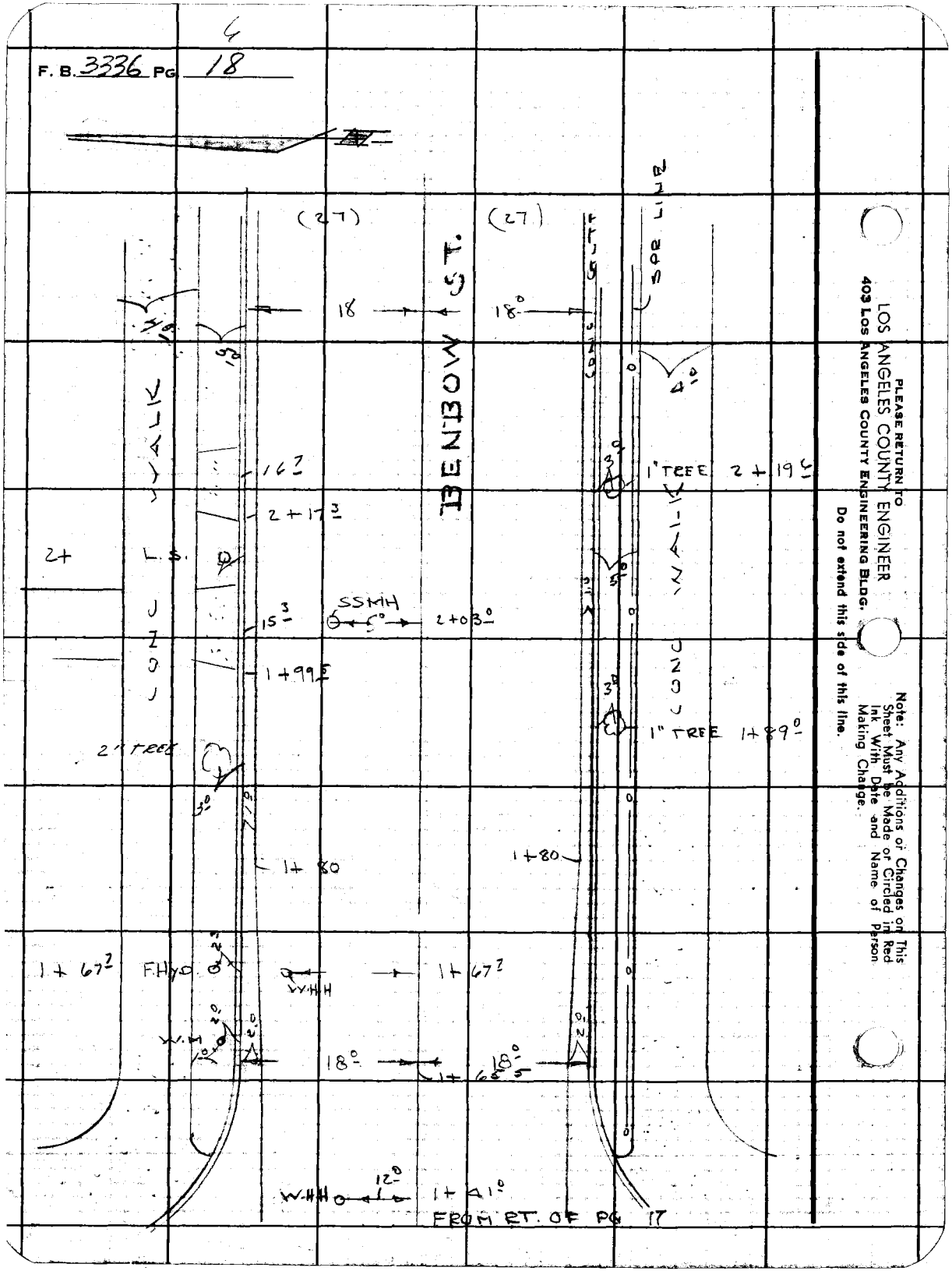
F. B. 3336 PG 18



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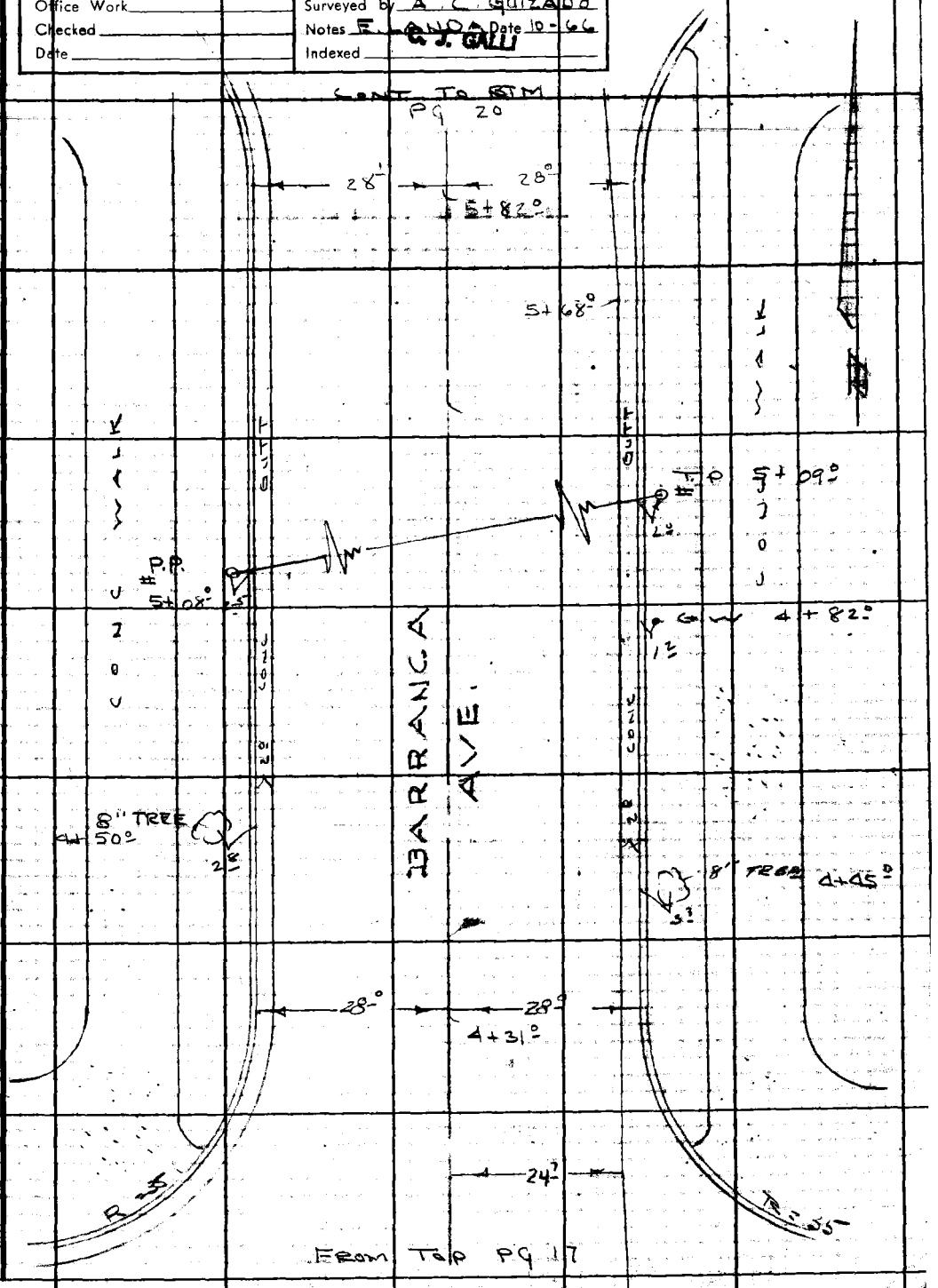
LINE "D"

Notes Ck'd by	Survey of VINCENT AVE	F. B. 3336 PG. 19
Map No.	JN 6112.28 Tape - Std °F	
Office Work	Surveyed by A. C. GUIZADO	
Checked	Notes E. LANDA Date 10-66	
Date	Indexed C. J. GALLI	



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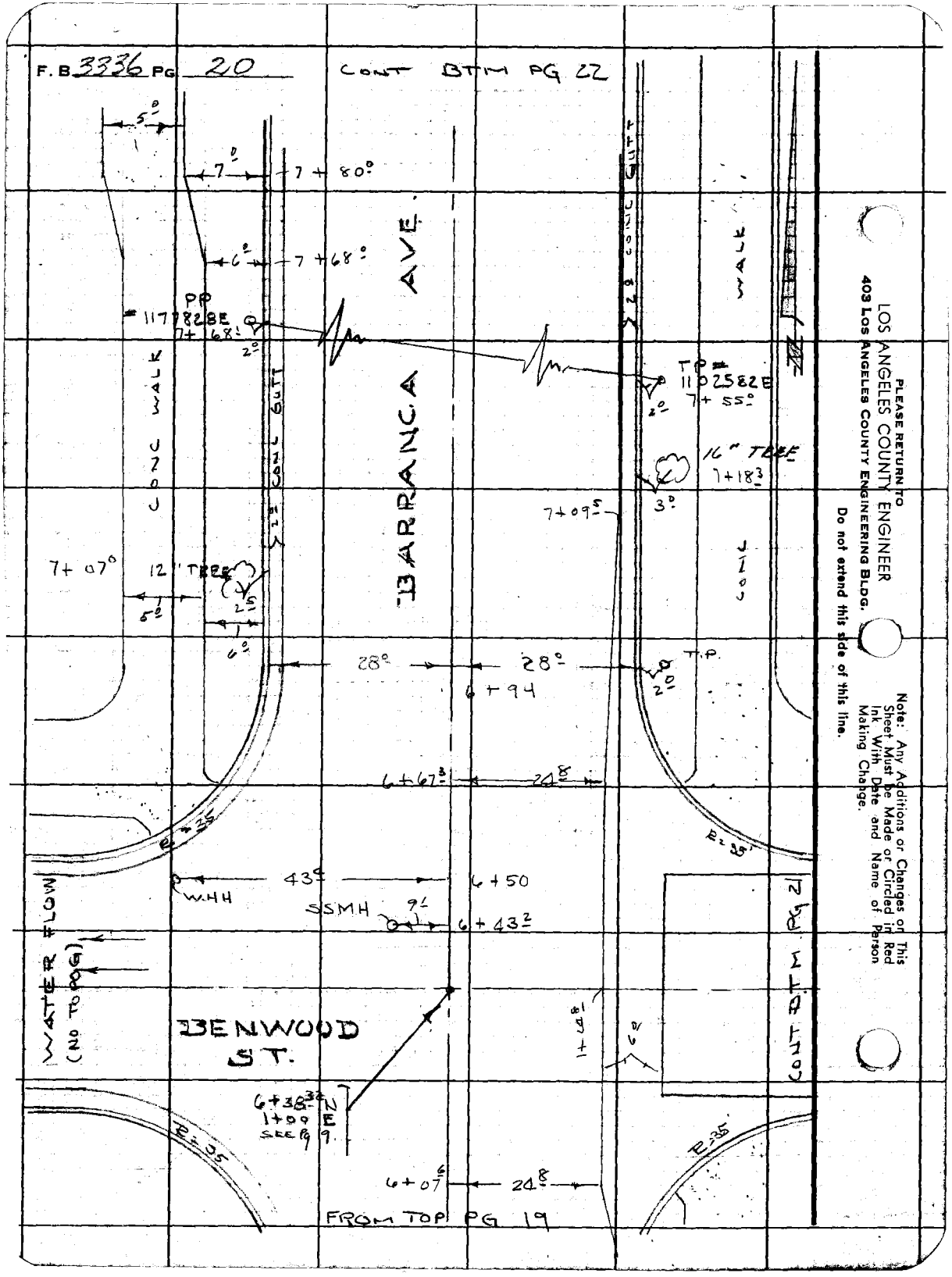

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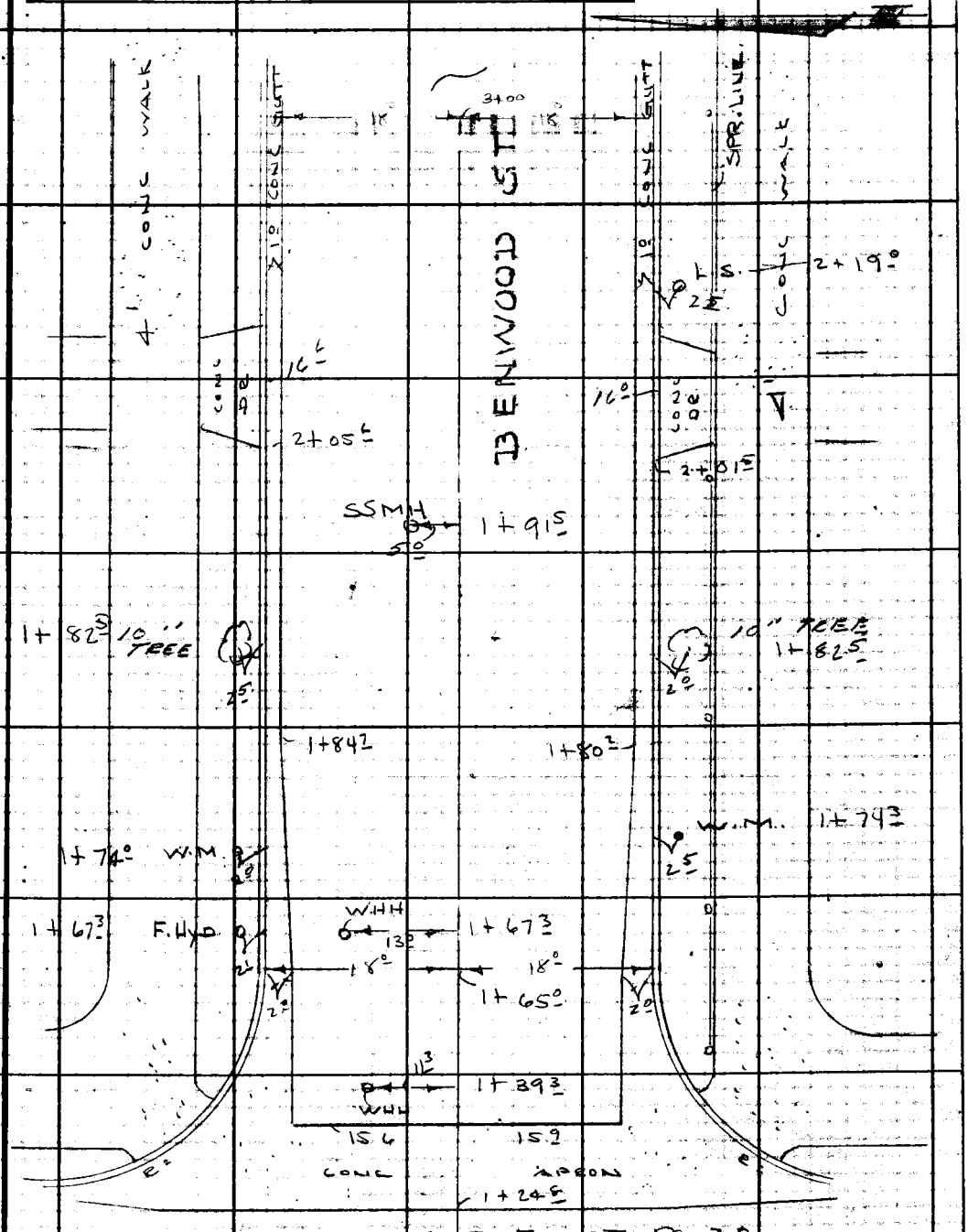
LINE D

Notes Ck'd by		Survey of VINCENNES AVE	F. B. 3336 PG. 21
Map No.		JN 11228 Tape Std °F	
Office Work		Surveyed by G. C. G	
Checked		Notes C. J. GALLI Date 10-66	
Date		Indexed	



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7 of 3095 CE #310 1-85

F. B. 3336 PG. 22

CONT TO BTM PG 24

BARRANCA AVE

BELLBROOK ST

CONT TO BTM PG 23

FROM TOP PG 20

SEE PG 10

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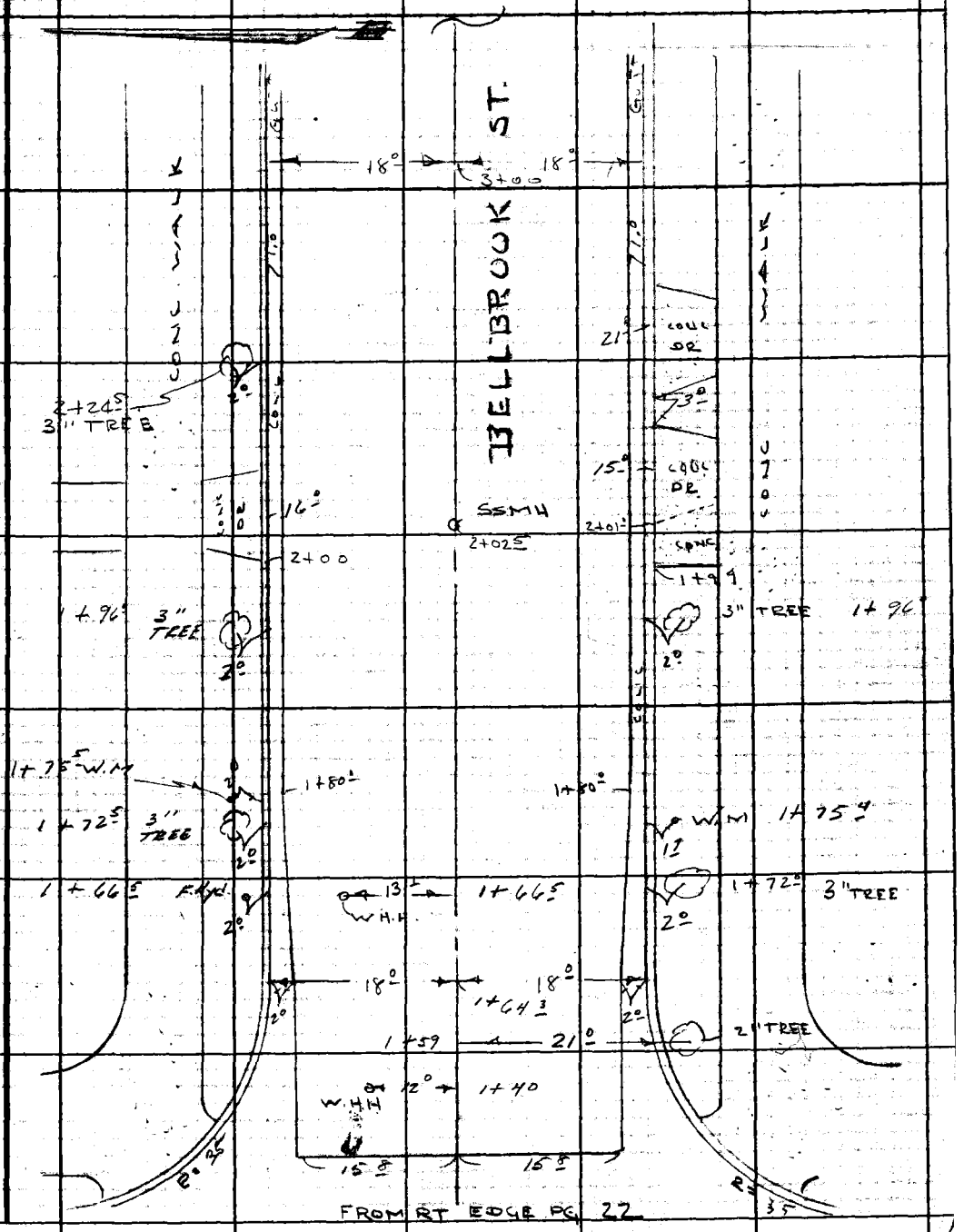
LINE "D"

Notes Ck'd by	Survey of VINCENT AVE	F. B. 3336 PG. 23
Map No.	JN 112.28 Tape Std °F	
Office Work	Surveyed by A. C. G.	
Checked	Notes E. J. GALLI Date 10-66	
Date	Indexed	



FROM RT EDGE PG. 22

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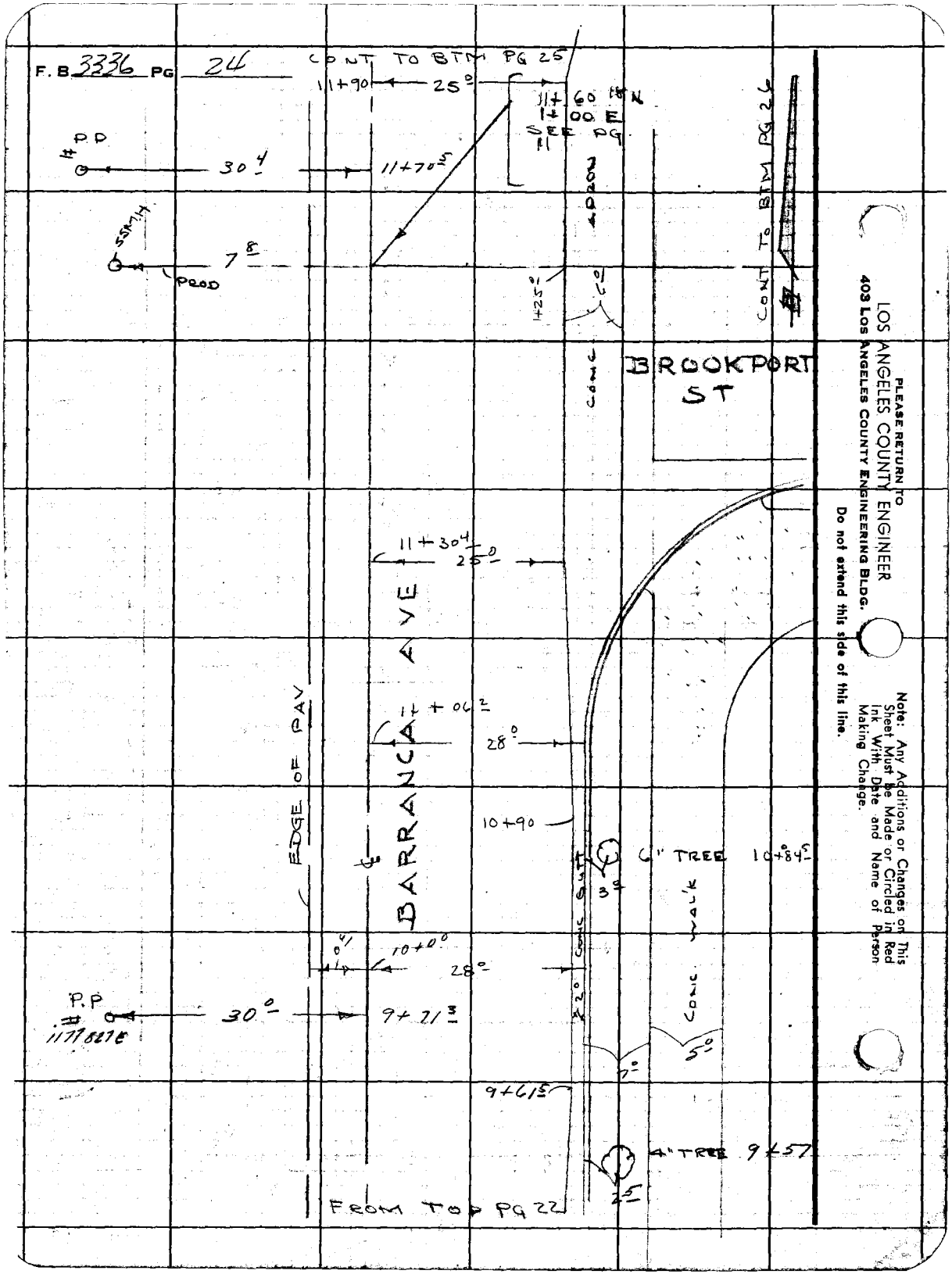
76F309S CE#310 1-65



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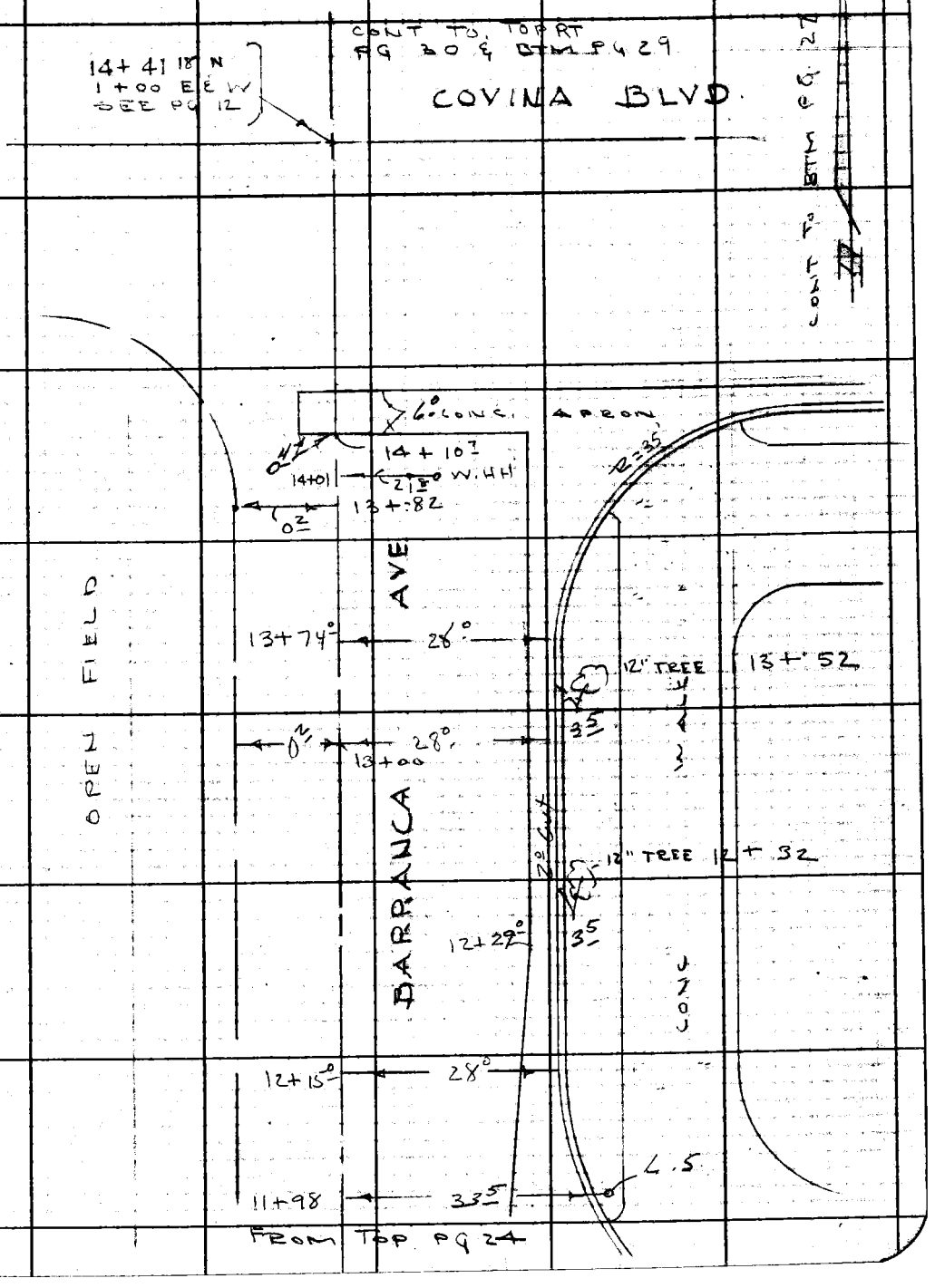
LINED

Notes Ck'd by	Survey of Vincent Ave SD	F. B. 3336 PG. 25
Map No.	JN 6112.23 Tape Std °F	
Office Work	Surveyed by [illegible]	
Checked	Notes Date [illegible] 66	
Date	Indexed C. J. GALLI	



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F. B. 3336 PG 26

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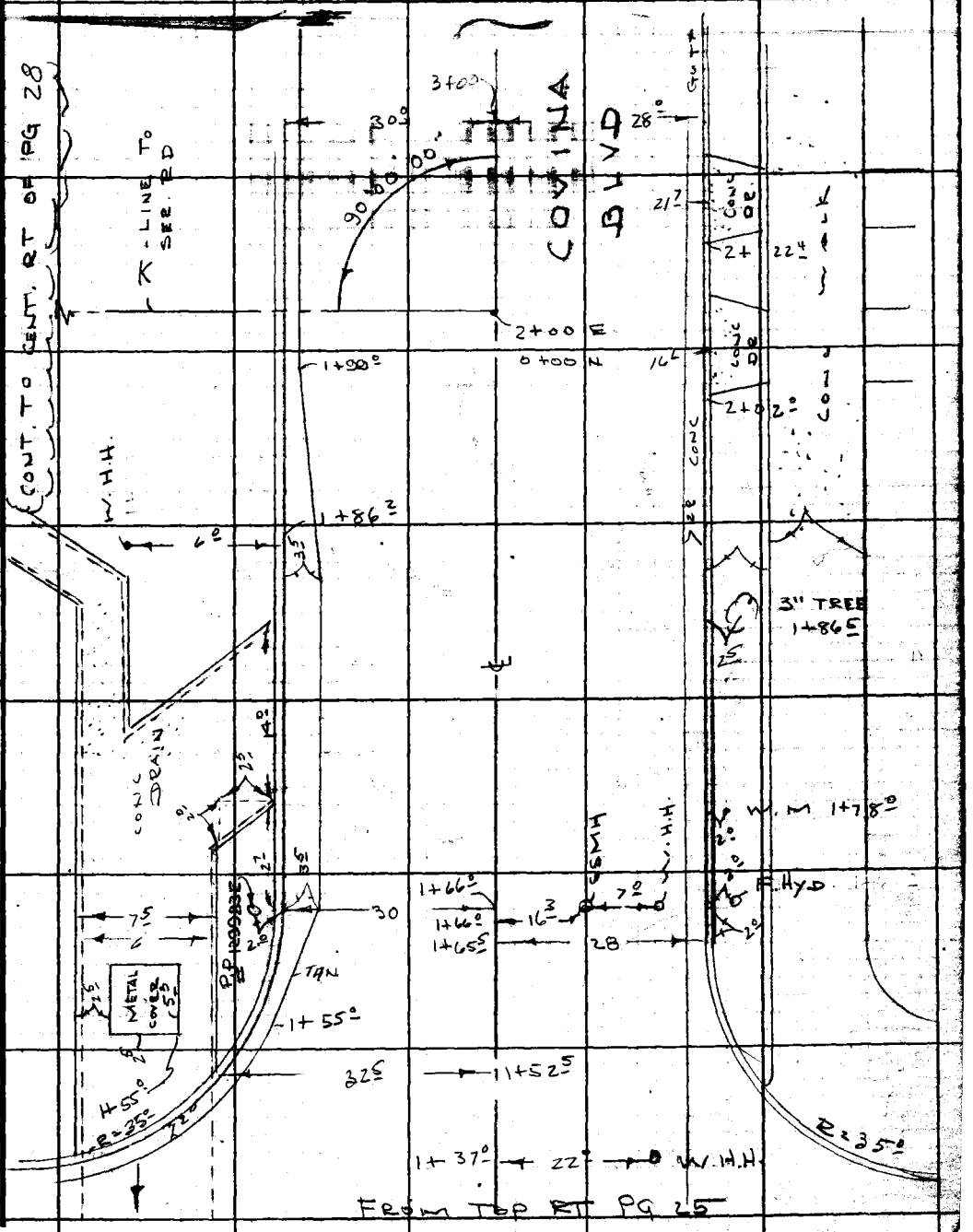
LINE D

Notes Ck'd by	Survey of VINCENT AVE SD	F. B. 3336 PG. 27
Map No.	JN 6112-28 Tape Std. °F	
Office Work	Surveyed by A.C. Guizado	
Checked	Notes E.C. Date 10/66	
Date	Indexed C. J. GALLI	



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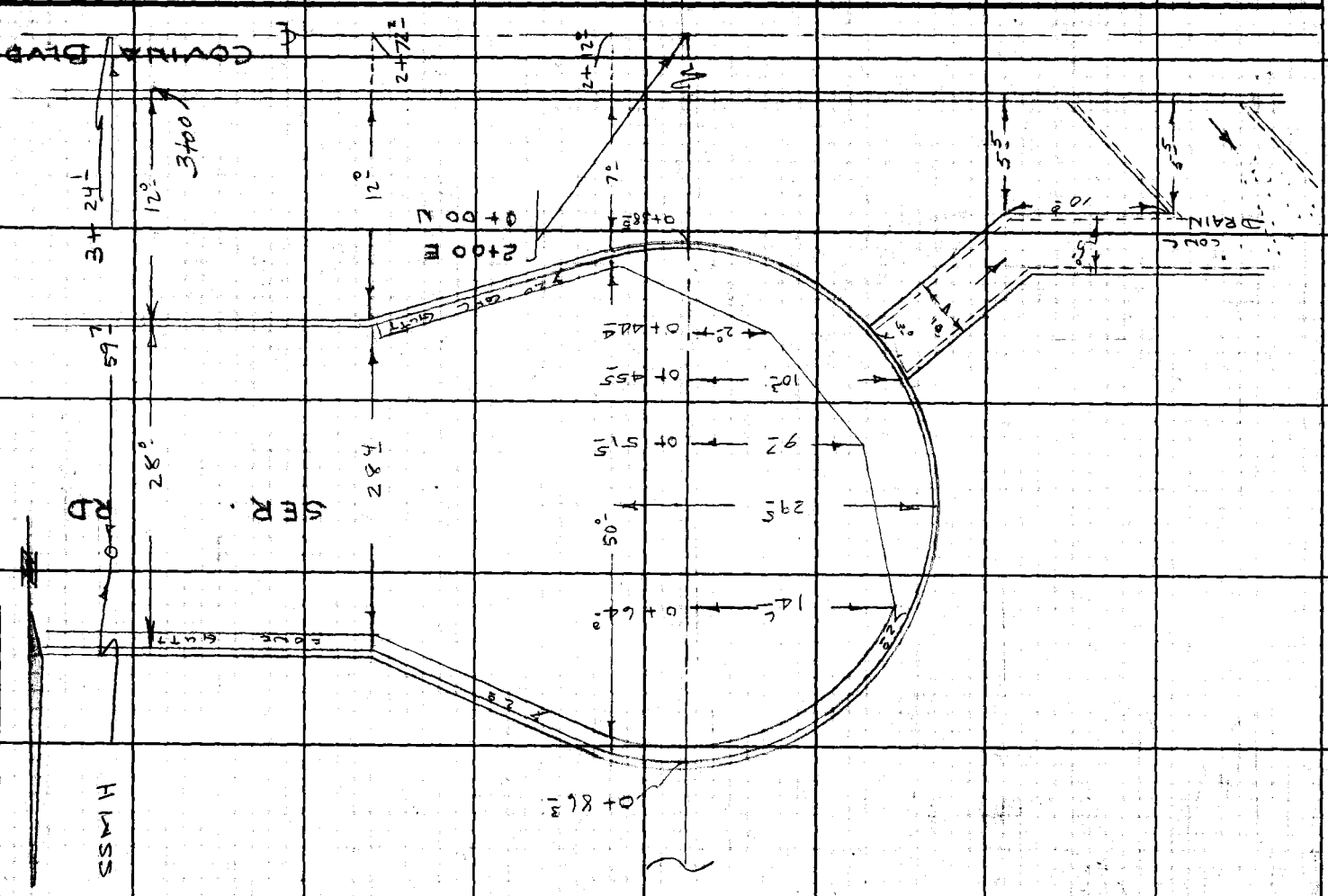


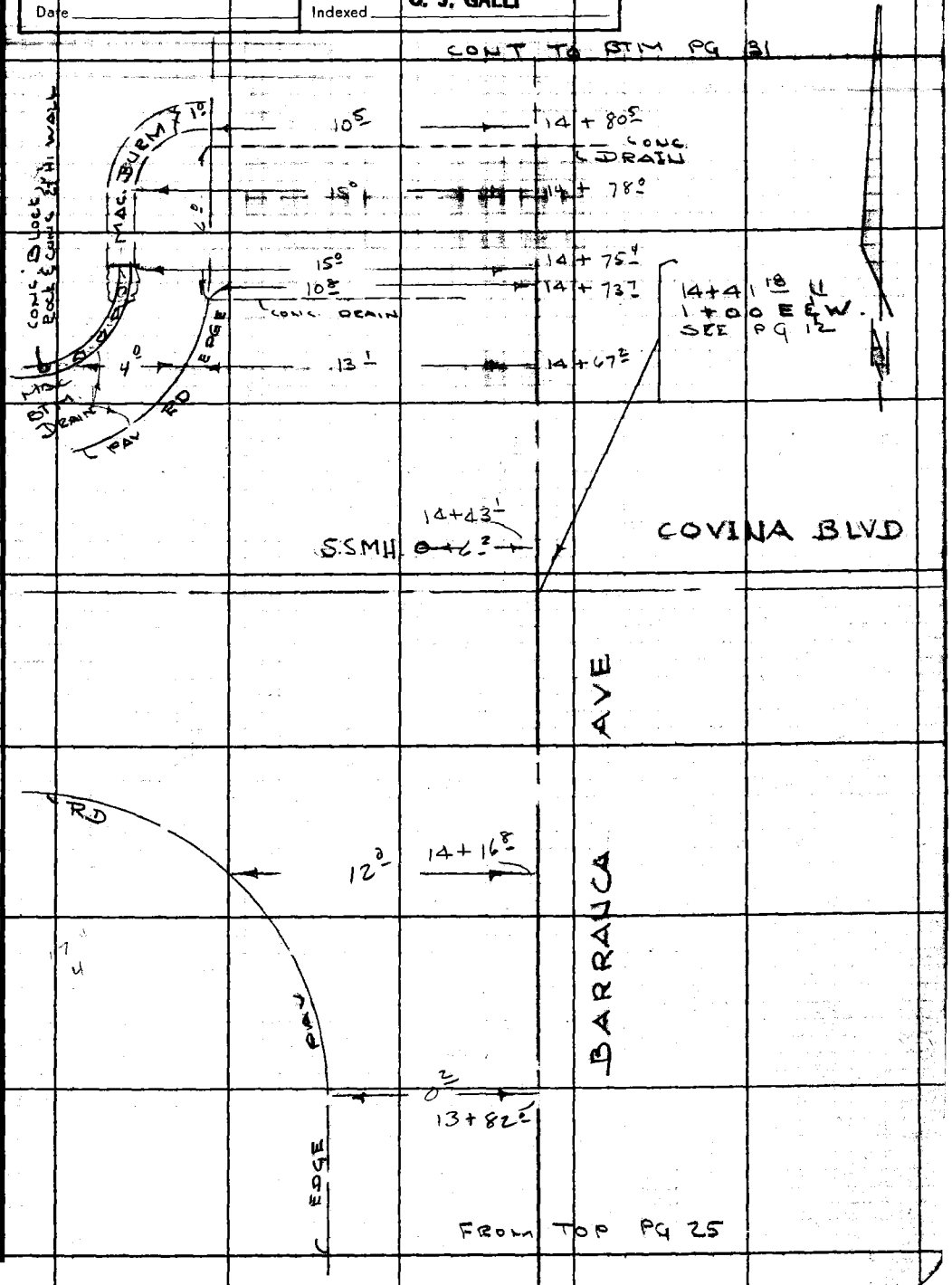
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of
JN Tape Std °F
Surveyed by
Notes Date
Indexed

C. J. GALLI

F. B. 3336 PG. 29

CONT TO STM PG 31



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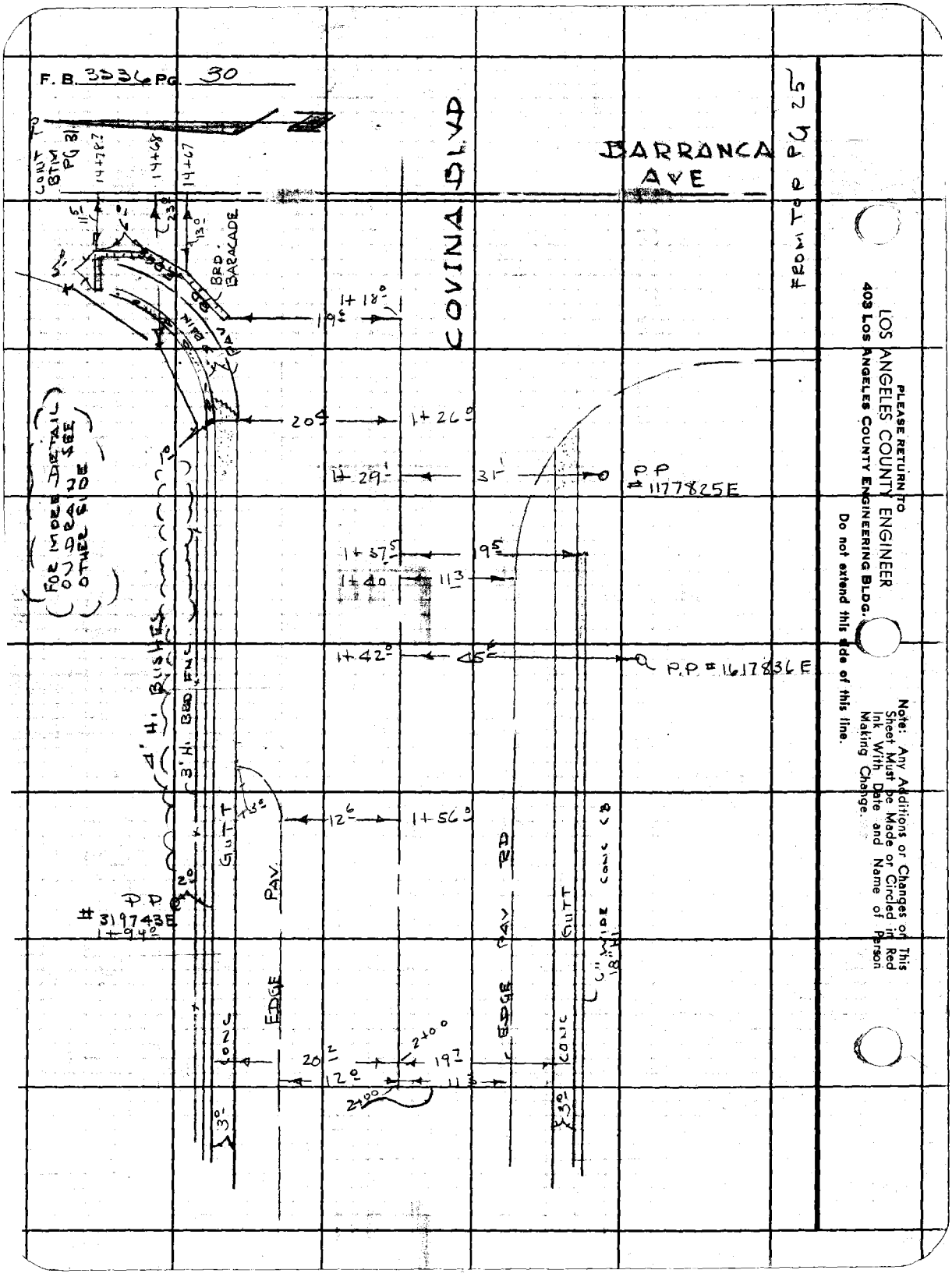
78F3098 CE#310 1-85



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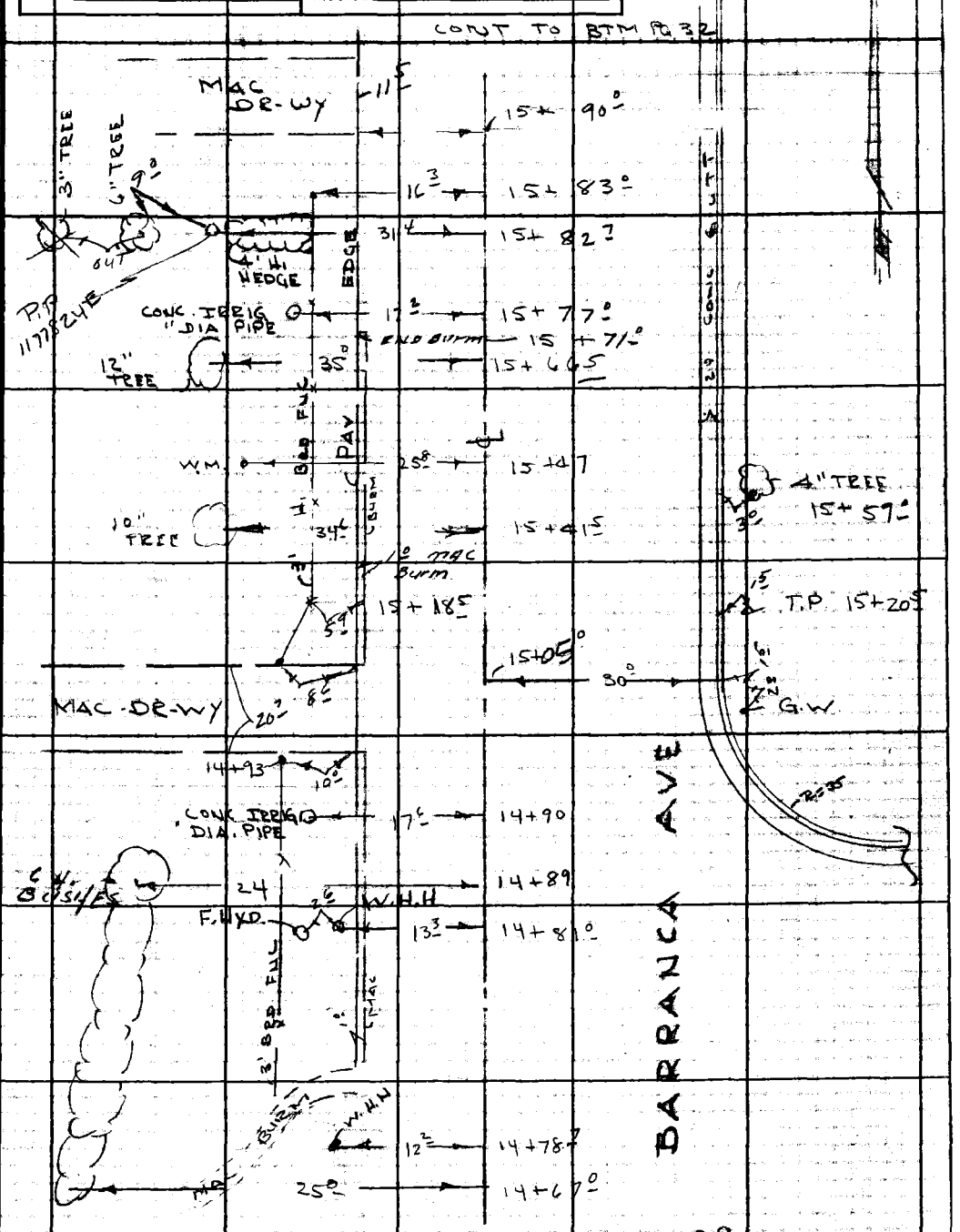
LINE "D"

Notes Ck'd by	Survey of VINCENT AVE	F. B. 3336 PG. 31
Map No.	JN 611228 Tape Std °F	
Office Work	Surveyed by A C Guizado	
Checked	Notes E Canda Date 10/86	
Date	Indexed C. J. GALLI	

CONT TO BTM PG 32



FROM TOP PG 29
& TOP LF. PG 30

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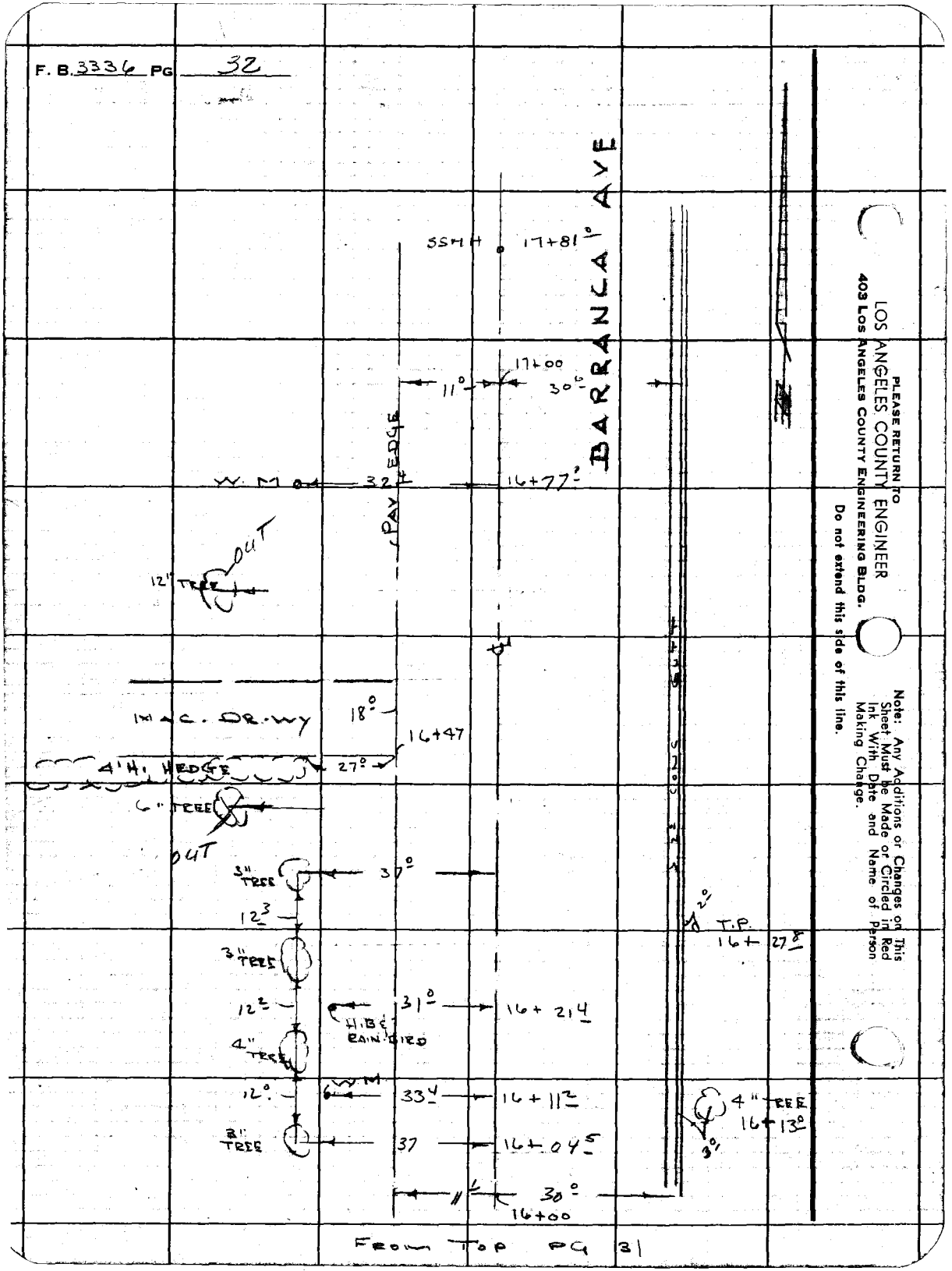
76F309S CE#310 1-65

F. B. 3336 PG 32



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From Top Pg 31

Profile No.	Notes Red	Plotted	Job No. 6112 28	Division No. 11
	Date	Date	Survey of VINCENT AVE SD, "D"	
X-Sec. No.	Notes Chkd.	Checked	Survey by ACG	Notes Date 10/66
	Date	Date	Map No.	Indexed C. J. GALLI Date OCT 31 '66

F.B. 3336 PG. 33

VINCENT AVE
S.D.
LINE "D"

CROSS-SECTION

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

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76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	LF	RT
B.M. 39-4A				594.74	B.M. 39-4A EL = 594.736 FB 3332-29	
					S.E. COR CYPRESS AVE & BARRANCA ST	
0 + 37°				595.06		℄
				595.11		1/4 PAV
				594.91		28 E.G.
				594.70		30 F.L
				595.20		30 T.C
				594.69	1/4 PAV	
				594.24	28 E.G	
				594.05	30 F.L	
				594.72	30 T.C	
0 + 69				593.98		℄ EDGE APRON
0 + 72				593.95		℄ F.L
75				594.02		℄ EDGE APRON
0 + 88				595.00		℄
1 + 00				595.55		℄ int

F.B. 3336 PG. 34
Job No. 6112 28 Division No. 11 Notes Red Plotted Profile
Survey of VINCENT AVE SD "D" Date Date No. X-Sec.
Survey by ACG Notes EL Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt	Rt
		WEST ALONG CYPRESS ST				
1+00				59555		℄
1+05	SSMH			59555	E RIM	℄ SS.MH
				59551	N "	
				59553	S "	
				584 92	East inlet 10" VCP	MEAS = 980 DIA = .83 Rod 10.63
	(Bell-shaped M.H.)			584 44	No. inlet 15" VCP	MEAS = 982 DIA = 1.25 Rod 11.07
				584 38	So. outlet 15" VCP	MEAS = 990 DIA = 1.25 Rod = 11.15
1+49.0	S.D.M.H			59490	RIM AV.	℄ S.D.MH
				586 34	F/L 4.00 Box	Rod = 8.56
1+65				59470		℄
				59434		1/4
				59320		26 E.G
				59311		28 F.L

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6112 28 Division No. 11 Survey of VINCENT AVE SD LINE "D" Survey by ACG Notes ____ Date 10/66 Map No. ____ Indexed ____ Date ____

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

F.B. 3336 Pg. 35

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	LF	RT
1+65				59380		28 T.C
				59412	1/4 PAV	
				59342	26 E.G	
				59324	28 F.L	
				59392	28 T.C	
2+00				59426		℄
				59370		1/4 PAV
				59275		28 E.G
				59260		30 F.L
				59264		30 T.C
				59388	1/4	
				59256	26 E.G	
				59237	28 F.L	
				59308	28 T.C	
	EAST ALONG CYPRESS ST					
1+00				59555		℄
1+66°	SSMH			59535	19° LF AV. RIM.	MEAS = 7.22 DIA = .83 Rod = .805
				58730	East inlet 10" VCP	Meas = 7.18 Dia = .83 Rod = .801
				58734	West outlet 10" VCP	

F.B. 3336 Pg. 36
Job No. 6112 28 Division No. 11 Notes Red Plotted Profile
Survey of VINCENT AVE. SD LINE 'D' Date Date No. X-Sec.
Survey by ACG Notes Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Lf	Rt
1+69.0				596.33		℄
				595.91		1/4 POV
				594.94		28 E.G
				594.80		30 F.L
				595.47		30 T.C
				595.72		40 Bck wlk
1+75.4				596.40		℄
				595.83	1/4	
				594.90	24 E.G	
				594.77	28 F.L	
				595.46	28 T.C	
				595.77	39 Bck wlk	
1+90.5				596.34		℄
				595.27	24 LF E.G	
				594.69	28 " F.L	
				595.56	28.5 " T.C	
				595.69	29.5 " Rim cover	
				591.20	West 27" RCP Invert Rod = 449	
				591.44	East 20" RCP " " 425	
2+09.0				596.70		℄
				596.30		1/4 POV
				595.51		28 E.G

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 28 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of VINCENT AVE SD LINE "D"
Notes Chkd. ____ Checked ____ Survey by DCG Notes ____ Date 10/65
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3336 Pg. 37

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STATION	B.S.	H.I.	F.S.	ELEV.	Lt	Rt
2+09.0				595.34		30 F.L
				596.04		30 T.C
				596.25		40 Bck wlk
2+15.4				596.75		℄
				596.34		
				595.38	26 Lf E.G	
				595.[illegible]	28 " F.L	
				595.30	28' T.C	
				596.05	39 Bck wlk	
				597.02		℄
2+38				595.83	24 E.G	
				595.32	28 F.L	
				596.20	28 T.C	
				596.30	30.5 Rim cover	
				592.62	20" RCP INVERT 3.68	
3+00				597.71		℄
				597.50		1/4 RT Pav.
				596.62		28 " E.G
				596.45		30 " F.L
				596.54	(DEP)	30 " TC
				597.41		40

F.B. 3336 Pg. 38
Job No. 6112 28 Division No. 11 Notes Red ___ Plotted ___ Profile
Survey of VINCENT AVE SO LINE "D" Date ___ Date ___ No. ___ X-Sec.
Survey by ACG Notes ___ Notes Chkd. ___ Checked ___ No. ___
Indexed C. J. GALLI Date ___ Date ___ Date ___

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	LF	RT
3+00				597 31	1/4	
				596 42	26 E.G	
				596 29	28 F.L	
				596 35	28 T.C (DEP	
				597 11	39 Bck wlk	
		NORTH ALONG BARRANCA				
1+00				595 55		℄ INTER
1+15				595 22		℄
1+24.2				594 04	Edge apron	℄
1+27.2				593 91	F.L	℄
1+30.2				594 04	Edge apron	℄
1+49.8				594 69	Bck	℄
1+71.5				594 38	24 Lf Edge apron	
				593 89	28 " F.L	
				594 71	28 " T.C	
				594 79	30.5 " metal Cov.	
				590 64	So. 20" RCP INVERT Rod = 4.15 outlet	
				590 73	East 15" " " Rod = 4.06 INLET	

SEE [illegible] FOR [illegible]

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6112.28 Division No. 11 Survey of VINCENT AVE SD LINE D

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ACG Notes Ed Date 10-66 Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3336 Pg. 39

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STATION	B.S.	H.I.	F.S.	ELEV.	Lf	Rt
1+74				594.92		24 RT E. Apron
				594.48		28 " F.L
				595.39		28 " T.C
				595.41		30.5 Rim Cov.
				592.22	WEST - 15" RCP INVERT	Rod = 319
1+75				595.17		℄
				595.10		1/4
				594.91		26 E.G
				594.50		28 F.L
				595.40		28 T.C
				595.61		39 B.W
				594.88	1/4	
				594.40	26 E.G	
				593.86	28 F.L	
				594.74	28 T.C	
				595.00	39 B.W	
2+15				595.39		℄
				595.24		1/4
				594.97		26 E.G
				594.75		28 F.L

F.B. 3336 Pg. 40
Job No. 6112 28 Division No. 11 Notes Red Plotted Profile
Survey of VINCENT AVE SD LINE "D" Date Date No. X-Sec.
Survey by ACG Notes E.L Notes Chkd. Checked
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Profile No. _____ Notes Red. _____ Plotted _____ Job No. 6112 28 Division No. 11
X-Sec. No. _____ Date _____ Date _____ Survey of VINCENT AVE SD LINE "D"
Notes Chkd. _____ Checked _____ Survey by _____ Notes _____ Date _____
Date _____ Date _____ Map No. _____ Indexed _____ Date _____

F.B. 3336 Pg. 41

STATION	B. S.	H. I.	F. S.	ELEV.	LF	RT
2+15				595.42		28 T.C
				595.80		39 B.W
				595.04	1/4	
				594.67	24 E.C	
				594.45	28 F.L	
				595.12	28 T.C	
				595.39	39 B.W	
3+10				595.69		℄
				595.54		1/4
				595.12		24 E.C
				594.95		28 F.L
				595.65		28 T.C
				595.94		39 B.W
				595.48	1/4	
				595.17	24 E.C	
				595.00	28 F.L	
				595.62	28 T.C	
				595.81	39 B.W	
3+76.11				595.80		℄ INTSC

WEST ALONG BEN DOW

F. B. 3336 Pg. 42

Job No 6112 28 Division No. 11 Notes Red Plotted Profile

Survey of VINCENT AVE SD LINE 'D' Date Date No.

Survey by ACG Notes EL Notes Chkd. Checked X-Sec.

Indexed C. J. GALLI Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	C.F.	C.T.
1+30				596.13		
1+65				596.01		
		WATER FLOWS WEST (AWAY FROM LINE)				
2+00				595.92		
				596.19		
				596.21		
				595.49		
				595.27		
				595.24		
				595.50		
				595.00		
				594.88		
				594.10		
				593.77		
				593.58		
				593.17		
				592.90		
				592.60		
				592.24		
				591.78		
				591.27		
				590.90		
				590.60		
				590.10		
				589.77		
				589.58		
				589.00		
				588.77		
				588.58		
				588.00		
				587.77		
				587.58		
				587.00		
				586.77		
				586.58		
				586.00		
				585.77		
				585.58		
				585.00		
				584.77		
				584.58		
				584.00		
				583.77		
				583.58		
				583.00		
				582.77		
				582.58		
				582.00		
				581.77		
				581.58		
				581.00		
				580.77		
				580.58		
				580.00		

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6.48

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STATION	B. S.	H. I.	F. S.	ELEV.	LF	RT
				EAST ALONG BEN BOW		
1 + 25				595 16		℄
1 + 28				595 08		℄ F.L
1 + 31				595 12		℄
1 + 75.5				596 13		℄
				595 84		16 E.G
				595 70		18 F.L
				596 37		18 T.C
				596 47		27 B.W
				595 87	16 E.G	
				597 74	18 F.L	
			5?	596 39	18 T.C	
				596 60	27 B.W	
2+03.0	SS ~ 4			596 45	av R in 5° Lt	
				588 35	West outlet 8" VCP	Rod = 8.10
				588 40	East inlet 8" VCP	Rod = 8.05
2+15.5				596 77		℄
				596 41		16 E.G
				596 31		18 F.L
				596 76		18 T.C

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6112 Division No. 11 28

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of VINCENT AVE SO LINE 'D'

Survey by ____ Notes ____ Date ____

Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3336 Pg. 43

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STATION	B. S.	H. I.	F. S.	ELEV.	LF	RT
2+15.5				597.20		27 B.W.
				596.05	14 E.G	
				596.30	18 F.L	
				597.00	18 TC	
				597.23	27 BW	
3+00				598.06		℄
				597.71		14 EG
				597.59		18 FL
				598.23		18 TC
				598.65		27 BW
				597.71	14 EG	
				597.59	18 FL	
				597.65	18 TC	
				598.52	27 BW	
		NORTH ALONG BARRANCA				
3+81.5	55 mi			595.76	N. Rim 9° LF	
				595.77	E. " "	
				595.79	W. " "	
				595.79	S. " "	

+82 B.S.

31 B.S. 2+41 5+72

F.B. 3336 Pg. 44 Job No. 6112 28 Division No. 11 Notes Red Plotted Profile
Survey of VINCENT AVE SO LINE 'D' Date Date No. X-Sec.
Survey by ACG Notes E. Landa Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

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Profile Notes Red ____ Plotted ____ Job No. 6112 28 Division No. 11
No. ____ Date ____ Date ____ Survey of VINCENT AVE SD LINE "D"
X-Sec. Notes Chkd. ____ Checked ____ Survey by ACG Notes E.G. Date 10/66
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date 12-71

F.B. 3336 Pg. 45

STATION	B. S.	H. I.	F. S.	ELEV.		
3+81	35.94			585.84	N - INLET (15") 8.68 (N) 1.24 = 15" 9.92 (N)	8.54 .67 = 8" 9.21 (N)
(BELL SHAPED INLET)				586.46	E - INLET (8")	8.64 (E) .67 = 8" 9.31 (E)
				586.56	W - INLET (8") 8.74 (S)	
				585.81	S. OUTLET (15") 1.24 = 15" 9.98	
4+41				596.00		℄
				595.70		1/4
				595.39		26 EG
				595.22		28 FL
				595.91		28 TL
				596.23		39 BW
				595.77	1/4	
				595.43	26 EG	
				595.25	28 FL	
				595.93	28 TL	
				596.24	39 BW	
4+81				596.05		℄
				595.83		1/4
				595.50		26 EG
				595.32		28 FL
				596.00		28 TL
				596.28		39 BW

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STATION	B.S.	H.I.	F.S.	ELEV.	LF	
4 + 81				595 86	1/4	
				595 47	26 E.G	
				595 30	28 F.L	
				595 98	28 T.C	
				596 23	39 B.W	
5 + 00				596 04		℄
				595 90		1/4
				595 53		26 E.G
				595 30		28 F.L
				596 00		28 T.C
				596 30		39 B.C
				595 82	1/4	
				595 47	26 E.G	
				595 28	28 F.L	
				595 97	28 T.C	
				596 27	39 B.C	
5 + 72				596 25		℄
				596 00		1/4
				595 67		26 E.G
				595 44		28 F.L
				596 11		28 T.C

F.B. 3336 PG. 46

Job No. 6112 28 Division No. 11 Notes Red Plotted Profile

Survey of VINCENT AVE SD LINE "D" Date Date No. X-Sec.

Survey by ACG Notes EL Notes Chkd. Checked No.

Indexed C. J. GALLI Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
5+72				596 40		39 B. W
				595 94	1/4	
				595 66	26 E. C	
				595 43	28 F. L	
				596 11	28 T. C	
				596 40	39 B. W	
6+38 32				596 38		℄ INTER
		WEST ALONG BENWOOD				
1+00				596 38		
1+30				596 15		
1+68				595 58	E. C	℄
				595 31		16 E. G
				595 10		18 F. L
				595 75		18 T. C
				595 98		27 B. W
				595 34	16 E. G	
				595 11	18 F. L	
				595 80	18 T. C	
				596 00	27 B. W	
2+00				595 08		℄

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6112 28 Division No. 11 Survey of VINCENT AVE SD LINE D

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ACG Notes E.L. Date 10/66

Map No. ____ Indexed C. J. GALLI Date JAN 12 71

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+00				594.75		16 E.G
				594.60		18 F.L
				594.68		18 T.C
				595.47		27 B.W
				594.72	16 E.G	
				594.58	18 F.L	
				595.25	18 T.C	
				595.50	B.W	
		EAST	ALONG	BENWOOD		
1+25				595.66		℄
1+28				595.58		℄
1+31				595.67		℄
1+75				596.79		℄
				596.47		16 E.G
				596.35		18 F.L
				597.08		18 T.C
				597.28		27 B.W
				596.47	16 E.G.	
				596.35	18 F.L	
				597.01	18 T.C	

F.B. 3336 PG. 48

Job No. 6112 28 Division No. 11 Notes Red Plotted Profile

Survey of VINCENT AVE SD Date Date No. X-Sec.

Survey by C.J. GALLI Notes E. Lands Notes Chkd. Checked No.

Indexed Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	LF	RT
1 + 75				597.26	27 Lf. B.W.	
1 + 91.5	SSMH			97.01	5° Lf.	E. Rim
				97.02	" "	W "
				589.41	E. INLET (?")	7.03 0.57 = ?" pipe 7.60
				589.13	W. OUTLET (8")	7.22 0.67 = 8" 7.89
2 + 15				597.41		℄
				597.14		17 EG
				596.98		18 FL
				597.10		18 TC
				597.87		27 B.W
				597.13	17 EG	
				597.00	18 FL	
				597.10	18 T.C	
				597.85	27 B.W	
3 + 00				598.80		℄
				598.33		17 EG
				598.40		18 FL
				599.03		18 TC
				599.15		27 B.W

Profile No. ____ Notes Red ____ Plotted ____ Job No. 611228 Division No. 11 F.B. 3336 Pg. 49
Date ____ Date ____ Survey of VINCENT AVE
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by ACG Notes EL Date ____
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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STATION	B.S.	H.I.	F.S.	ELEV.		
3+00				598 52		
				598 37		
				599 02		
				599 25		
	NORTH ALONG BARRANCA					
6+43² SSMH				596 31	9' Lf	E & N Rim
(BELL SHAPED INLETS)				596 29		W & S "
				587 10	N. 15" INLET 7.97 1.24 = 15" 9.21 (N)	7.86 (E) .67 = 8" 8.53 (E)
				587 78	E. 8" " "	
				587 80	W 8 " 7.82 .67 = 8" 8.49 (W)	7.96 1.24 = 15" 9.20 (S)
				587 09	S. 15" OUTLET	
7+04				596 52		℄
				96 34		1/4
				95 94		26 E.G
				595 73		28 F.L
				96 42		28 T.C.
				96 50		39 B.W
				96 27	1/4	
				595 95	26 E.G	

F.B. 3336 Pg. 50 Job No. 6112 28 Division No. Notes Red Plotted Profile
Survey of VINCENT AVE LINE D Date Date No. X-Sec.
Survey by Notes Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
7+04				59573	28 F.L	
				59645	28 T.C	
				59660	39 B.W/K	
7+44				59656		℄
				59638		1/4
				59598		26 E.G
				59580		28 F.L
				59649		28 T.C
				59675		39 B.W
				59639	1/4	
				59600	26 E.G	
				59580	28 F.L	
				59648	28 T.C	
				59663	39 B.W	
8+26?				59683		℄
				59665		1/4
				59629		26 E.G
				59618		28 F.L
				59681		28 T.C
				59710		39 B.W
8+50				59695		℄

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6112.28 Division No. 11 Survey of Vincent Ave Line D Survey by [illegible] Notes [illegible] Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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

F.B. 3336 Pg. 51

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
8+50				596.80	1/4 LF	
				596.64	EG	
				596.42	28 F.L	
				597.11	28 T.C	
				597.40	39 B.W	
8+92 18				597.21		℄ INTER
				597.30	N. Rim	8.5 Lf.
				597.28	S "	" "
				597.27	E "	" "
				588.78	8" E - INLET	7.82 / 0.67 = 8" / 8.49
				588.24	15" S - OUTLET	7.80 / 1.24 = 15" / 9.04
				587.23	15" N - INLET	7.83 / 1.24 = 15" / 9.07
	EAST		ALONG		BELLBROOK	
1+00				597.21		℄
1+25				596.70		℄
1+28				596.65		℄
1+31				596.73		℄

F.B. 3336 Pg. 52 Job No. C112.28 Division No. 11 Notes Red. Plotted Profile
Survey of VINCENT LINE D Date Date No. X-Sec.
Survey by ACG Notes E.G. Notes Chkd. Checked
Indexed R. J. GALLI Date Date Date No.

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Profile Notes Red ____ Plotted ____ Job No. 6112 Division No. 11
No. ____ Date ____ Date ____ Survey of Kinnert Ave SD Line D
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 10/66
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. Gatti Date ____

F.B. 3336 Pg. 53

STATION	B. S.	H. I.	F. S.	ELEV.	LF	RT
1+74.3				597.55		℄
				597.22		16 E.G
				597.17		18 F.L
				597.80		18 T.C
				598.02		27 B.W
				597.29	16' E.G	
				597.21	18' F.L	
				597.85	18' T.C	
				598.03	27 B.W	
2+02.5	55 M/M			598.02		℄ E. Rim
				598.00		℄ W. Rim
						5.81
						.67 = 8"
				591.54	E. Inlet 8"	6.48
						6.02
						0.67 = 8"
				591.31	W. Outlet 8"	6.69
2+14.3				598.10		℄
				597.87		17 E.G
				597.80		18 I
				598.42		18
				598.63		27 B.W
				597.92	17 E.G	

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STATION	B.S.	H.I.	F.S.	ELEV.	LF	RT
2+14.3				59784	18 F.L	
				59847	18 T.C	
				59868	27 B.W	
3+00				59951		℄
				59921		17
				59916		18
				59922		18
				60000		B.W
				59925	17 E.G	
				59915	18 F.L	
				59982	18 T.C	
				60000	27 B.W	
		NORTH ALONG BARRANCA				
9+27.6				59769		℄
				59712	26	
				59695	28	
				59767	28	
				59787	40 B.W	
9+34				59768		℄ & Pav Edge

F.B. 3336 Pg. 54
Job No. 6112 28 Division No. 11 Notes Red Plotted Profile
Survey of VINCENT AVE SD LINE D Date Date No. X-Sec.
Survey by ACG Notes E Landa Notes Chkd. Checked No.
Indexed C. J. GALLI Date Date Date

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STATION	B. S.	H. I.	F. S.	ELEV.	LF		ET	
9+50				597.80			℄	
				597.65			14'	Pav
				597.35			26'	EG
				597.25			28'	FL
				597.84			28'	TC
				598.13			40'	B.W
9+96.5				598.18			℄	
				597.98			1/4	
				597.70			26.5	EG
				597.55			28.5	FL
				598.18			28.5	TC
				598.45			40	B.W
10+00				598.22			℄	
				598.3	6.6	Brk		
				598.8	15.4	"		
				598.6	25.0	"		
				600.0	33.4	"		
				600.2	40.0	Grnd		
11+00				599.05			℄	
11+00				599.00			14'	Pav
				598.55			26.5	EG

Profile Notes Red. ____ Plotted ____ Job No. 6112 25 Division No. 11
No. ____ Date ____ Date ____ Survey of LINCOLN AVE SD LINE D
X-Sec. Notes Chkd. ____ Checked ____ Survey by ACE Notes Rec. Date 10/66
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3336 Pg. 55

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	Lt	Rt
11+00				598 44		28° F.L.
				599 10		28° T.L.
				599 35		40 B.W.
				598 6	24 Lf Srk	
				600 1	27 " "	
BM SD#93				597 96	BM SD#93, EL = 597.951, SEE F.B. 3332-30	
11+30 4 N				599 21		℄ Eq. Pvmt
"				598 71		25° E. Conc
11+60 1 8 N				599 48		℄ int
"	SSMH			599 15	7 8 SSMH N RIM	
				599 14	" S RIM	
				599 15	" E. RIM	
				589 53	No inlet 15" VCP	MEAS 8 37 DIA 1 25 9 62
				589 49	So outlet 15" VCP	MEAS = 8 40 DIA = 1 25 9 65
				589 95	East inlet 8" VCP	MEAS = 8 53 DIA = .67 9,20

F.B. 3336 PG. 56
Survey of VINCENT AVE SD LINE 'D'
Survey by ACG
Indexed C. J. GALLI
Job No. 6112 28
Division No. 11
Notes Red
Date
Notes Chkd.
Date
Plotted
Date
Checked
Date
Profile
No.
X-Sec.
No.

76-L-298 CE 307 2-63

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Profile Notes Red ____ Plotted ____ Job No. 6112 28 Division No. ____
No. ____ Date ____ Date ____ Survey of VINCENT AVE SD LINE D
X-Sec. Notes Chkd. ____ Checked ____ Survey by ACC Notes E-L Date 10/66
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3336 Pg. 57

STATION	B. S.	H. I.	F. S.	ELEV.	Lt	Rt
		EAST	ALONG		BROOKHURST ST.	
1+00 ± E				599 48		℄ INT
1+13 ± E				599 44		℄ PUMP
1+25 ± E				599 98		℄ EQ CONC
1+28 ± E				599 91		℄ CONC GUT F/L
1+31 ± E				599 99		℄ EQ. CONC
"				598 87		16 ± RT COR APRON
"				599 13	15 ± LT COR. APRON	
1+74 ±				599 94		℄
				599 64		16 ± EQ. GUT
				599 55		18 ± F/L
				600 17		18 ± TC
				600 39		27 ± BW
				599 67	16 ± EQ GUT	
				599 56	18 ± F/L	
				600 19	18 ± TC	
				600 39	27 ± BW	
2+03 ±	SSMH			600 31	AVG RIM SSMH	℄ MEAS = 6.06 DIA = 6.67 RIM = 6.73
				593 58	EAST INLET	MEAS = 6.17 DIA = 6.67 INV 6.84
				593 47	WEST OUTLET	

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F.B. 3336 Pg. 58 | Job No. 6112 28 | Division No. 11 | Notes Red | Plotted | Profile
Survey of VINCENT AVE SO LINE D | Date | Date | No.
Survey by ACC Notes E. Landa | Notes Chkd. | Checked | X-Sec.
Indexed G.J. GALL | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
27+65				600 44		℄
				600 05		17° Eg Gut
				600 00		18° FL
				600 66		18° TC
				600 90		27° BW
				600 06	17° Eg Gut	
				600 00	18° FL	
				600 66	18° TC	
				600 94	27° BW	
34+45				601 35		℄
				601 05		17° Eg Gut
				600 96		18° FL
				601 61		18° TC
				601 85		27° BW
				601 09	17° Eg Gut	
				601 02	18° FL	
				601 65	18° TC	
				601 91	27° BW	
				End		

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		NORTH ALONG BARRANCA AVE				
12+25°				600 32		℄ int EG Point
				600 11		1/4 st
				599 66		Eg Gut
				599 60		28° FL
				600 22		28° TC
				600 50		40° BW
				599 0	16 3 Btm BRK	
				599 2	28° " "	
				600 2	40° P/L	
12+65°				600 71		℄ int Eg Point
				600 46		1/4 st
				600 06		26° EG Gut
				599 94		28° FL
				600 57		28° TC
				600 84		40 BW
				599 4	11° Btm BrK	
				599 2	27 6 " "	
				600 9	40 9	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 28 Division No. 11 F.B. 3336 Pg. 89
Date ____ Date ____ Survey of VINCENT AVE SO LINE D
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by ACG Notes EC Date 10/66
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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F.B. 3336 Pg. 60 | Job No. 6112 28 Division No. 11 Notes Red ____ Plotted ____ Profile
Survey of VINCENT AVE SD LINE D Date ____ No. ____ X-Sec.
Survey by ACG Notes E Londa Notes Chkd. ____ Checked ____ No.
Indexed C. J. GALLI Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
13+60				60146		℄ int EG pvm 4 ℄ BRK
				60141		26° Eg Gut
				60106		28° FL
				60099		28° TC
				60161		40° BCW
				60190		
				5997	6° Btm Brk	
				5996	40° PL	
TP				60093		
14+10 ℄				60043		℄ Eg conc
				60082		26° Cor Apron
				60043	0° end conc	
14+13 ℄				60036		℄ FL
14+16 ℄				60040		℄
14+30°				60074		℄
14+41 ℄				60110		℄ int

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STATION	B. S.	H. I.	F. S.	ELEV.		
		WEST ALONG COVINA BLVD.				
1+00W				601 10		℄ int
1+26				600 93		℄
				599 60		17.4 Eg conc
				599 29		18.9 F/L
				599 38		20.4 Eg & Btm conc wall
				600 64		20.4 Top "
				599 9		40.0 P/L
1+40.0			WATER FLOWS WEST (away from Line)	600 66		℄
				600 07	11.3 Eg Pvmt	
				599 35	16.5 Eg conc Gut	
				599 23	18.0 F/L	
				599 27	19.5 Eg & Btm conc wall	
				600 67	19.5 Top "	
				600 4	40.0 P/L	
2+00				599 79		℄
				599 47		12.0 Eg Pvmt
				598 49		17.2 Eg conc
				598 25		18.7 F/L
				598 31		20.2 Eg & Btm conc wall
				599 62		20.2 Top "
				598 6		40.0 P/L

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6012 28 Division No. 11 F.B. 3336 Pg. 61
Date ____ Date ____ Survey of VINCENT AVE SD LINE D
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by RCG Notes EC Date 10/66
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

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F.B. 3336 Pg. 27 | Job No. 6112 Division No. 11 Notes Red Plotted Profile
Survey of VINCENT AVE SO LINE D Date Date No. X-Sec.
Survey by ACG Notes E LONDE Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt	Rt
2+00				599.43	11^{3} Eg Pvmt	
				598.59	16^{7} Eg conc	
				598.42	18^{2} F/L	
				598.48	19^{7} Eg & Btm Wall	
				599.85	" Top "	
				599.2	40° P/L	
		East along Covina Blvd				
1+00 E				601.10		℄ int
						601.88
						2.15
1+57.1				601.88	35.1 SD Cov.	599.73
"				599.73	F.L. of 6' WIDE conc. drain	
1+66	SSM.H			601.86		N " "
				601.87		E "
				601.79		W "

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STATION	B. S.	H. I.	F. S.	ELEV.		
1+66°	SSMH			595 15	East inlet 8" VCP	16 3 SSMH
					MEAS = 605	
					DIA = 67	
					672	
				594 52	West outlet 8" VCP	MEAS = 660
						DIA = 67
						Rod 727
1+76°				602 40		℄
				601 96		1/4
				601 58		26 EG
				601 42		28 FL
				602 04		28 TC
				603 00		40 BW
				602 17	1/4	
				601 28	26 5 EG	
				600 97	30° FL & ctr drain	
				601 92	30° TC	
				602 32	40° PL	

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6112 28 Division No. 11 Survey of VINCENT AVE SD LINE D

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by ACG Notes ACG Date 10/66

Map No. ____ Indexed G. J. GALLI Date ____

F.B. 3336 Pg. 63

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F.B. 3336 Pg. 64 Job No. 6112 25 Division No. 11 Notes Red ____ Plotted ____ Profile
Survey of VINCENT AVE SO LINE O Date ____ Notes Chkd. ____ Date ____ No. ____ X-Sec.
Survey by ACE Notes A.C.S. Checked ____ Date ____ No. ____
Indexed C. J. GALLI Date ____

STATION	B. S.	H. I.	F. S.	ELEV.		
2+00E				602.74		℄
				602.28		1/4
				602.04		26° EG
				601.94		25° FL
				602.64		28° TC
				602.82		40° BW
		2+00 E - 0+00 North to Service Rd				
0+00				602.74		℄ LINE
0+15				602.54	1/4 st	TL
0+28°				601.83	EG	
0+30°				601.62	FL	
0+30°				602.24	TC	
0+38 E				602.61	TC	
0+38 E				601.84	FL	
0+44°				601.98	2° Lt	Cor Gut
0+45 E				601.53	10° Lt	FL drain opening
0+51 E				601.83	9 Z	Cor Gut
0+64				601.91	14 6	Cor "
0+84 3				602.30		TL EG

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Profile Notes Red. Plotted Job No. 6442 Division No. 1
No. X-Sec. Date Date Survey of VINCENT AVE SO LINE D
No. Notes Chkd. Checked Survey by ACG Notes ACG Date 10/66
Date Date Map No. Indexed C. J. GALLI Date F.B. 3336 Pg. 45

STATION	B. S.	H. I.	F. S.	ELEV.		
0+86.3				602.13		℄ FL
"				602.23		℄ TC drwy
				End	℄	
			East	along	Covina	Blvd
2+72.2				603.68		℄
				603.22		1/4
				602.75		26° EG
				602.68		28° FL
				603.28		28° TC
				603.57		40° BW
				603.38	1/4	
				602.75	28±	EG
				602.63	30±	FL
				603.27	30°	TC
				603.81	42±	TC
				603.16	42±	FL
				603.25	44°	EG
				602.93	68±	
				602.83	70°	FL

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F.B. 3336 Pg. 66 | Job No. 6112 28 Division No. 11 Notes Red Plotted Profile
Survey of VINCENT AVE. SO. LINE D Date Date No. X-Sec.
Survey by ACG Notes ACG Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	LT	RT
2+72 ±				602.89	70± TC	
3+15 ±				604.15		℄
				603.67		1/4
				603.29		26± EG
				603.18		28± FL
				603.79		25± TC
				604.04		40± BW
				603.82	1/4	
				603.32	28± EG	
				603.15	30± FL	
				603.78	30± TC	
				604.33	42± TC	
				603.88	" FL	
				603.30	68± EG	
				603.21	70± FL	
				603.86	70± TC	

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STATION	B. S.	H. I.	F. S.	ELEV.		
3+24 1	SSMH			603 64	59 7 SSMH E Rim	
				603 62	W "	
				594 74	East inlet 10 VCP	MEAS = 8.07 DIA = 83 8.90
				594 67	West outlet 10" VCP	MEAS = 8.12 · 603.62 DIA = 83 · 8.95 Rod = 8.95 · 594.67
SD 95					SD95 ELEV = 602.265 FB 3332-30 Covina Blvd & Barranca Ave NE cor Btspk in cb.	
					North along Barranca Ave	
14+41 18				601 10		℄ int
14+43 1	SSMH			601 09	6 2 SSMH N Rim	
				601 13	E "	
				601 12	S "	
				601 08	W "	

Profile Notes Red ____ Plotted ____ Job No. 6112 28 Division No. 11 F.B. 3336 Pg. 67
No. ____ Date ____ Date ____ Survey of VINCENT AVE 30 LINE D
X-Sec. Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date 10/66
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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F.B. 3336 Pg. 68 | Job No. 6112 28 | Division No. 11 | Notes Red | Plotted | Profile
Survey of VINCENT DIST. SEC LINE D | Date | Date | No.
Survey by ACG | Notes ACG | Notes Chkd. | Checked | X-Sec.
Indexed C. J. GALLI | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	Lt	Rt
14+43±	SS MH			590 94	6± No. INLET 15" VCP	MEAS = 8 90 Rod = 1 25 10 15
				591 37	E. INLET 10" VCP	MEAS = 8 93 DIA = 83 Rod 9.76
				591 51	W) INLET 8" VCP	MEAS = 8 9 0 DIA = 67 Rod 9.57
14+67±				60 090	13± Eg Pvmt	
				59 951	15± F/L drain	
				60 188	17± Top Rockwall	
				60 01	25± dirt	
14+76±				59 945	10± ctr drain	opening
14+80				60 119		℄
				60 105	11± Btm Burm	
				60 166	12± Top "	
				60 145	13± Btm "	
				60 02	25± dirt	

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
15+15°				601 56		℄
				601 52		1/4
				601 34		28° EG
				601 21		30° FL
				601 84		30° TC
				60 24		40° P/L
15+45				601 91		℄
				601 82		1/4
				601 56		28° EG
				601 48		30° FL
				60 211		30° TC
				60 29		40° PL
15+71				601 91	11° Btm Burm	
				60 210	12° Top "	
				601 91	13° Btm "	
				600 5	25° dirt	
16+45				60 295		℄
				60 279		1/4
				60 256		28° EG
				60 244		30° FL

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6112 28 Division No. 11 F.B. 3336 Pg. 69
Date ____ Date ____ Survey of VINCENT AVE SD LINE D
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by ACG Notes ACG Date 10/66
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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F.B. 3336 Pg. 70 | Job No 6112 25 | Division No. 11 | Notes Red | Plotted | Profile
Survey of VINCENT AVE SD LINE D | Date | Date | No.
Survey by A.C.S. | Notes | Notes Chkd. | Checked | X-Sec.
Indexed C. J. GALLI | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
16+45 ±				603.07		30° TC
				603.1		40° P/L grade
				602.68	10° Btm Pvmt	
				602.91	12° Top dirt	
				602.5	20° Btm slope	
				601.1	30° dirt	
17+00				603.57		℄
				603.33	11° Btm Pvmt	
				603.5	13° Top dirt	
				601.2	20° Btm Brk	
				601.1	30° " Brk	
17+81 ±	SSMH			604.53	N SSMH	℄
				604.55	E	
				604.57	S	
				592.63	NO INLET 15" VCP	MEAS = 106.5 DIA = 1.25 11.90
				593.28	E INLET 8" VCP	MEAS = 106.0 DIA = .67 Rad = 11.27
				592.62	SO OUTLET 15" VCP	MEAS = 107.0 DIA = 1.25 11.95
SD 95				602.27	SD95 ELEV = 602.245	SEE FB 3332-30

Notes Ck'd by G. D. BAILEY	Survey of S.D. Proj. 1268
Map No.	JN 6712.68 Tape: Std: °F
Office Work	Surveyed by E. LAND
Checked	Notes E. LANDA Date 12-10
Date DEC 19 '71	Indexed C. J. GALLI JAN 12 '72

F. B. 3330 PG. 71

STORM DRAIN PROJECT 1268

COVINA AREA

1970 SD BOND ISSUE

J.N. 6712.68

DEC. 1970

CENTER LINE

FOR DESIGN PURPOSES ONLY

REF:
FB 2161-T-9, 71-82
Co. Surv. FB. 2012-42-62
TR. MAP № 17675

Party E. Landa
R. Smith
D. Peterson
J. Sykes

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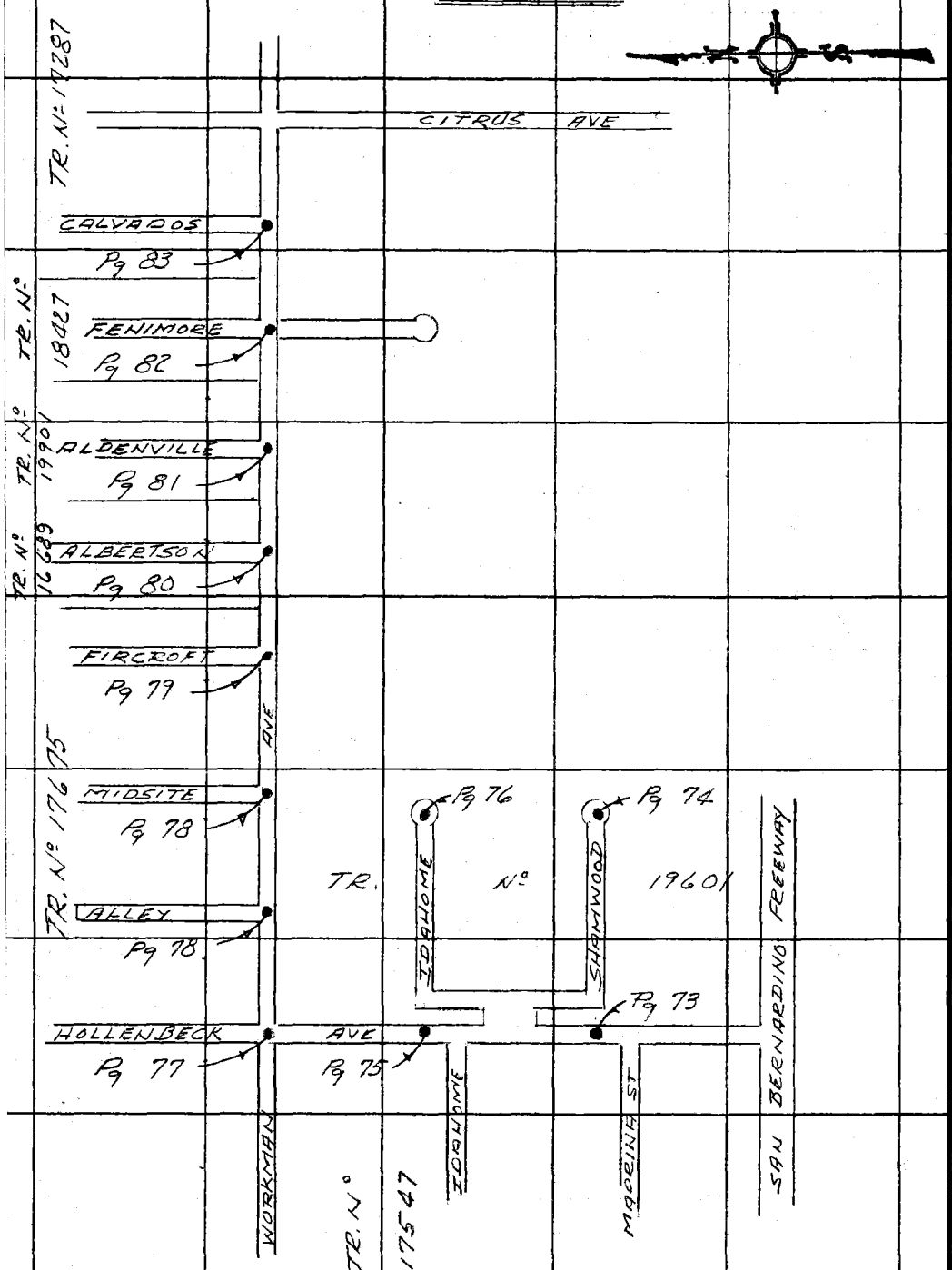
76F309S CE#310 3-69

X

F. B. 3336 Pg. 72

INDEX



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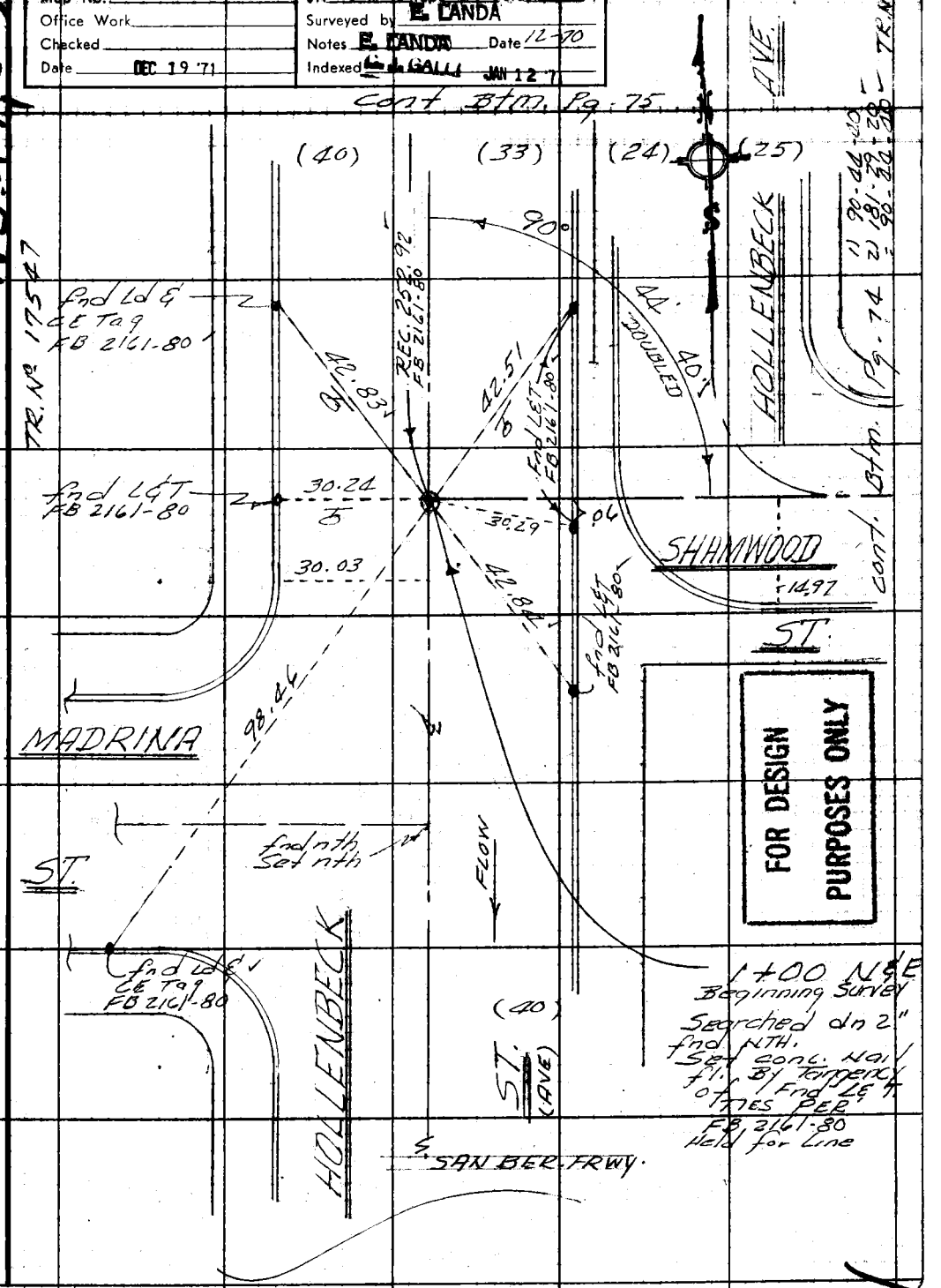
Notes Ck'd by G. D. BAILEY	Survey of S.D. Proj 1268	F. B. 3336 Pg. 73
Map No.	JN 6712-68 Tape 021 Std. 68 °F	
Office Work	Surveyed by E. LANDA	
Checked	Notes E. LANDA Date 12-70	
Date DEC 19 '71	Indexed G. J. GALLI JAN 12 '71	

WS.47 C-5

Cont. Btm. Pg. 75



FOR DESIGN PURPOSES ONLY

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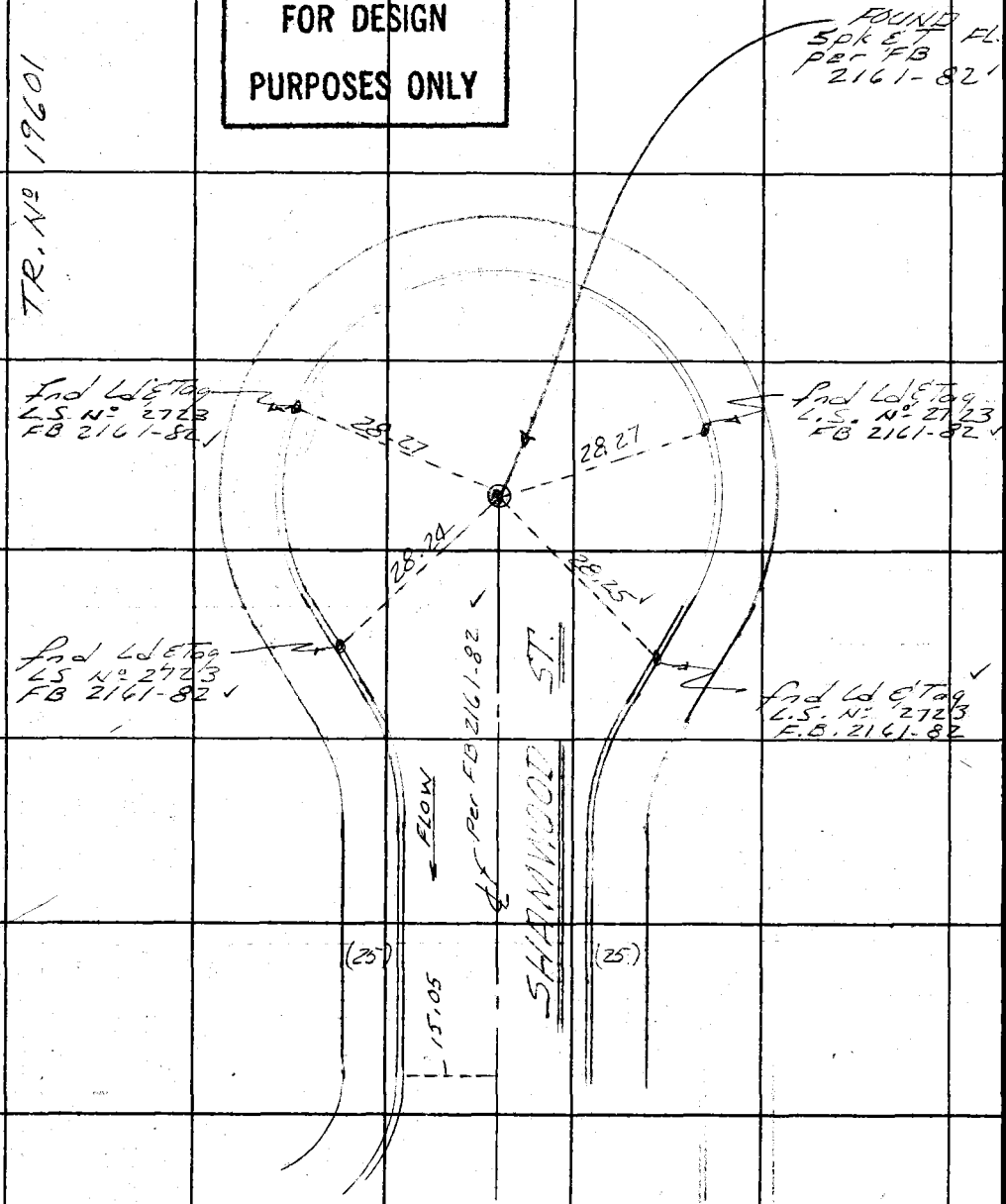
76F309S CE#310 3-69

F. B. 3336 Pg. 74

FOR DESIGN PURPOSES ONLY

TR. No 19601



cont Rt. Pg. 73

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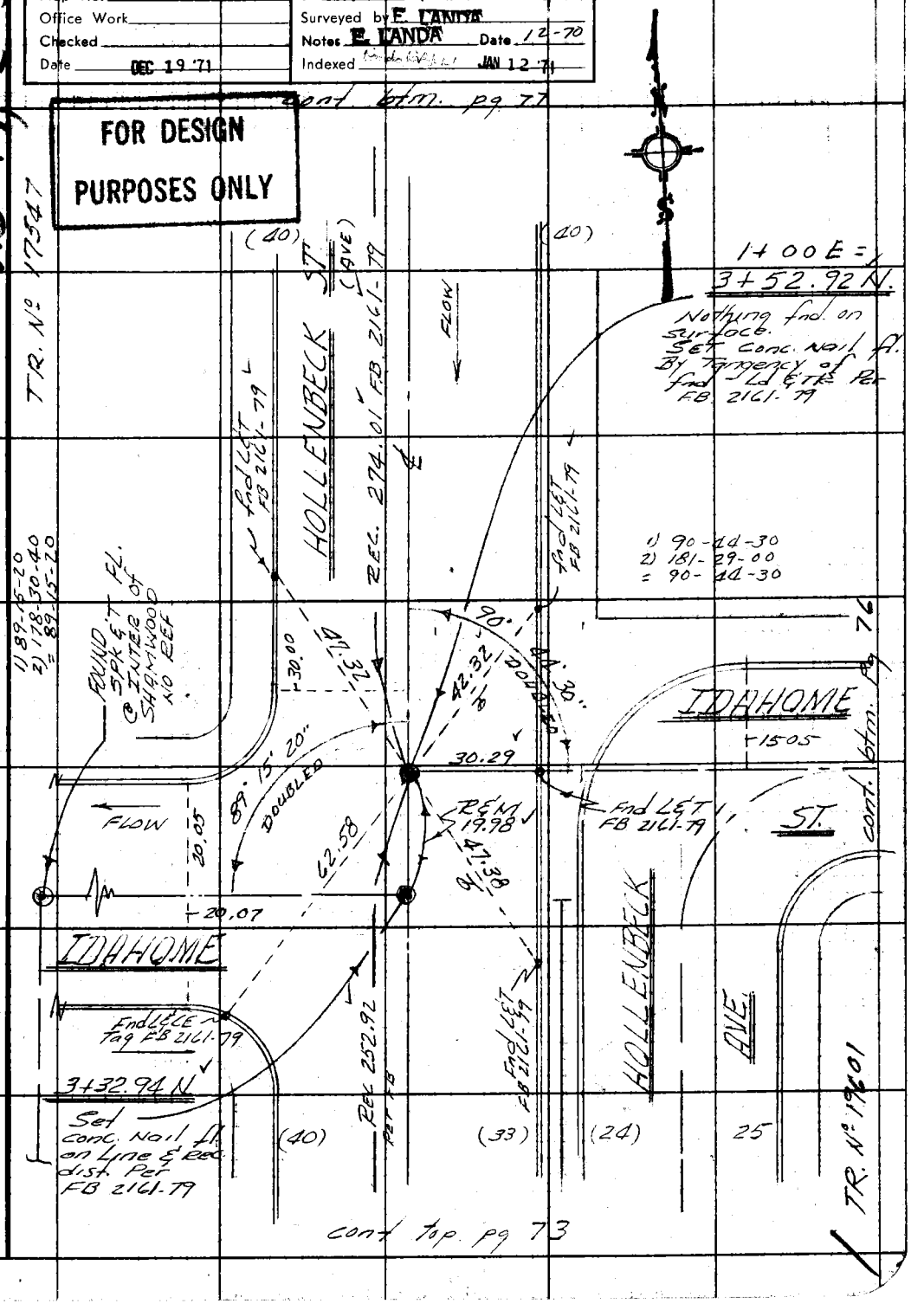
WS47 C-5

Notes Ck'd by G. D. BAILEY	Survey of S.D. Proj 1268
Map No.	JN 6712-68 Tape 021 Std 68 °F
Office Work	Surveyed by E. LANDA
Checked	Notes E. LANDA Date 12-70
Date DEC 19 '71	Indexed [illegible] JAN 12 '71

F. B. 3336 PG. 75

WS 47 C-5

FOR DESIGN PURPOSES ONLY



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76F309S CE#310 3-69

F. B. 3334 PG. 76

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WS 47 C-5

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TR. N° 19601

FOUND SPK & T FL ✓
Per FB 2161-81

fnd Ld & Tag LS 2723 FB 2161-81

28.29

28.23

fnd Ld & Tag LS 2723 FB 2161-81

28.25

28.27

fnd Ld & Tag LS 2723 FB. 2161-81

fnd Ld & Tag LS 2723 F.B. 2161-81

ST.

Per F.B. 2161-81

IDAHOME

FLOW

15.05

15.16

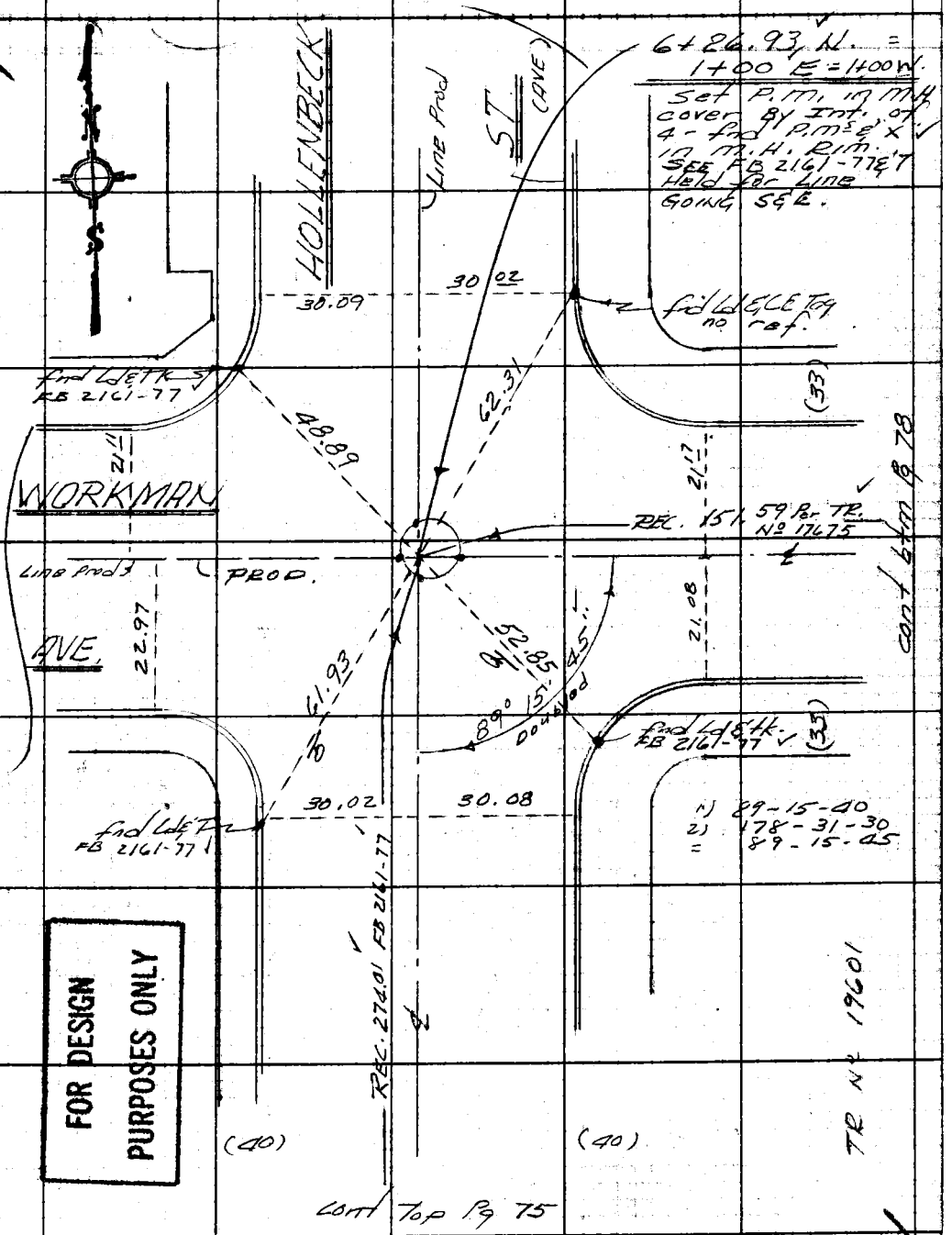
(25)

(25)

cont. 24 Pg. 75

Notes Ck'd by G. D. BAILEY	Survey of S.D. Proj 1268	F. B. 3336 Pg. 77
Map No.	JN 671268 Tape 0251 Std 68 °F	
Office Work	Surveyed by E. LANDA	TR No 17675
Checked	Notes E. LANDA Date 12-70	
Date DEC 19 '71	Indexed G. J. GALLI JAN 12 '71	

W.S 47, C-5



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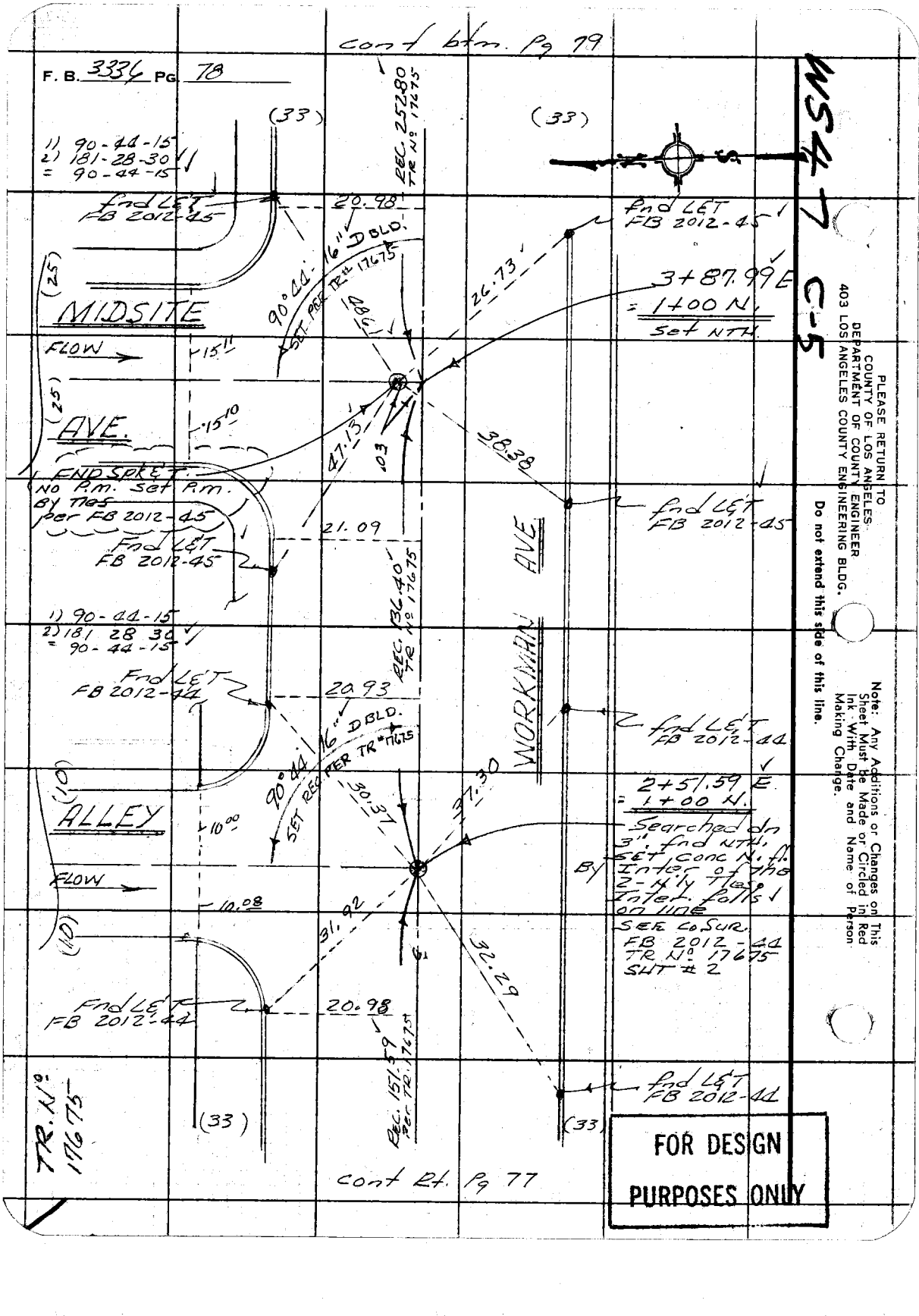
FOR DESIGN PURPOSES ONLY

Tag 02 So.
27.94

76F309S CE#310 3-69


cont btm. Pg 79
F. B. 3336 Pg 78
(33)
(33)
1) 90-44-15
2) 181-28-30
= 90-44-15
fnd L&T FB 2012-45
20.98
REC. 252.80 TR No 17675
90°44' 16" D BLD.
SET PER TR# 17675
(25)
MIDSITE
FLOW
15.11
(25)
AVE.
15.10
FND SPK&T. No P.m. Set P.m. By Ties per FB 2012-45
Fnd L&T FB 2012-45
21.09
47.13
.03
26.73
3+87.99 E
= 1+00 N.
Set NTH.
38.38
fnd L&T FB 2012-45
WORKMAN AVE
REC. 136.40 TR No 17675
1) 90-44-15
2) 181 28 30
= 90-44-15
Fnd L&T FB 2012-44
20.93
90°44' 16" D BLD.
SET REC PER TR# 17675
fnd L&T FB 2012-44
(10)
ALLEY
10.00
30.37
37.30
2+51.59 E
= 1+00 N.
Searched dn 3". fnd NTH. SET conc N. fl. By Inter of the 2-N'ly Ties. Inter. falls on line
SEE CoSur. FB 2012-44 TR No 17675 SHT # 2
FLOW
10.08
(10)
31.92
32.29
Fnd L&T FB 2012-44
20.98
REC. 151.59 Per TR 17675
fnd L&T FB 2012-44
(33)
(33)
TR. No 17675
cont Rt. Pg 77
FOR DESIGN PURPOSES ONLY
MS 47 C-5
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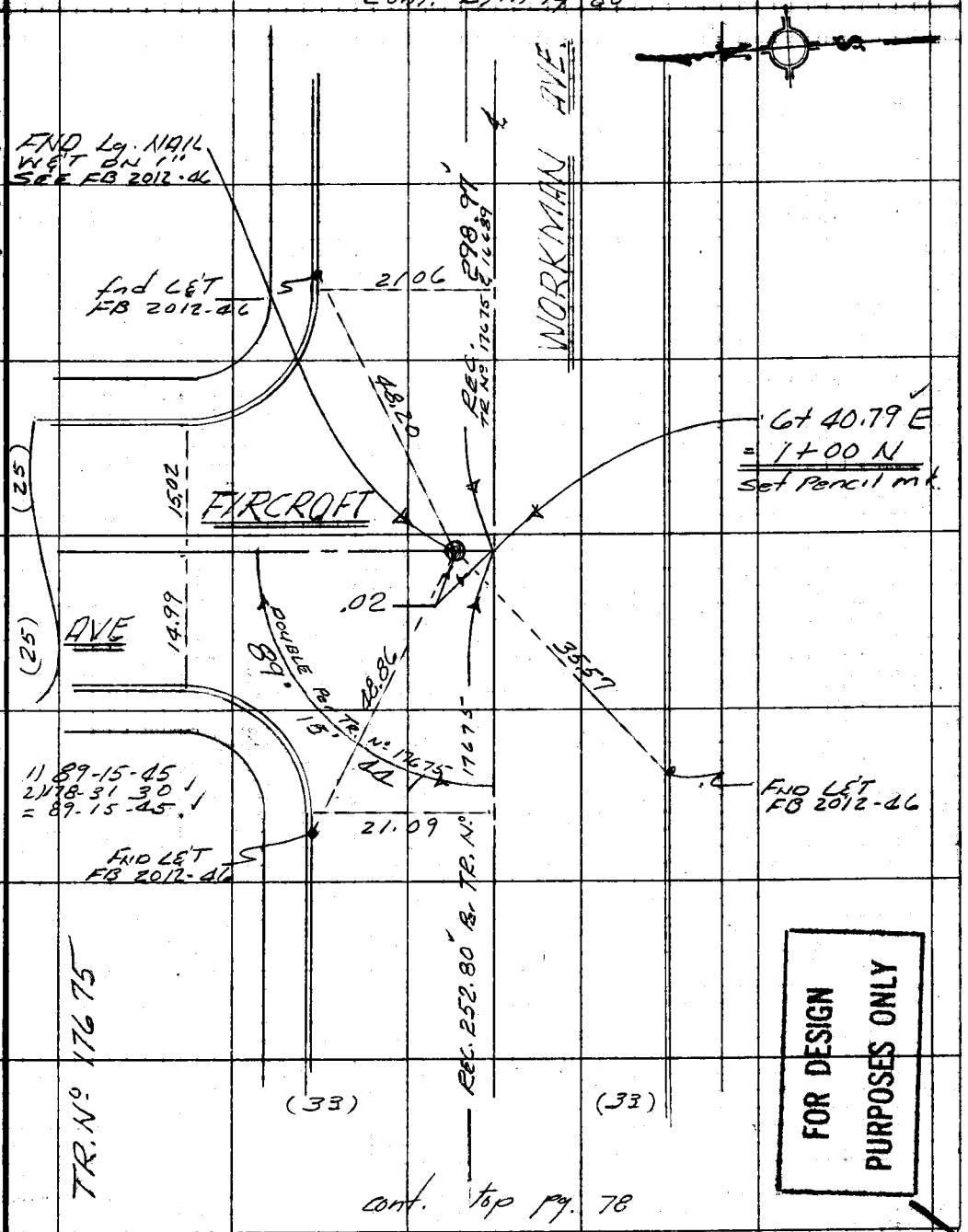
Notes Ck'd by G. D. BAILEY	Survey of S.D. Proj. 1268	F. B. 3330 Pg. 79
Map No.	JN 6712.68 Tape 021 Std. 68 °F	
Office Work	Surveyed by E. LANDA	
Checked	Notes E. LANDA Date 12-70	
Date DEC 19 '71	Indexed G. L. GALLI JAN 12 '71	

W547 C-5

cont. btm Pg. 80



cont. top pg. 78

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76F309S CE#310 3-69

F. B. 3336 PG. 80

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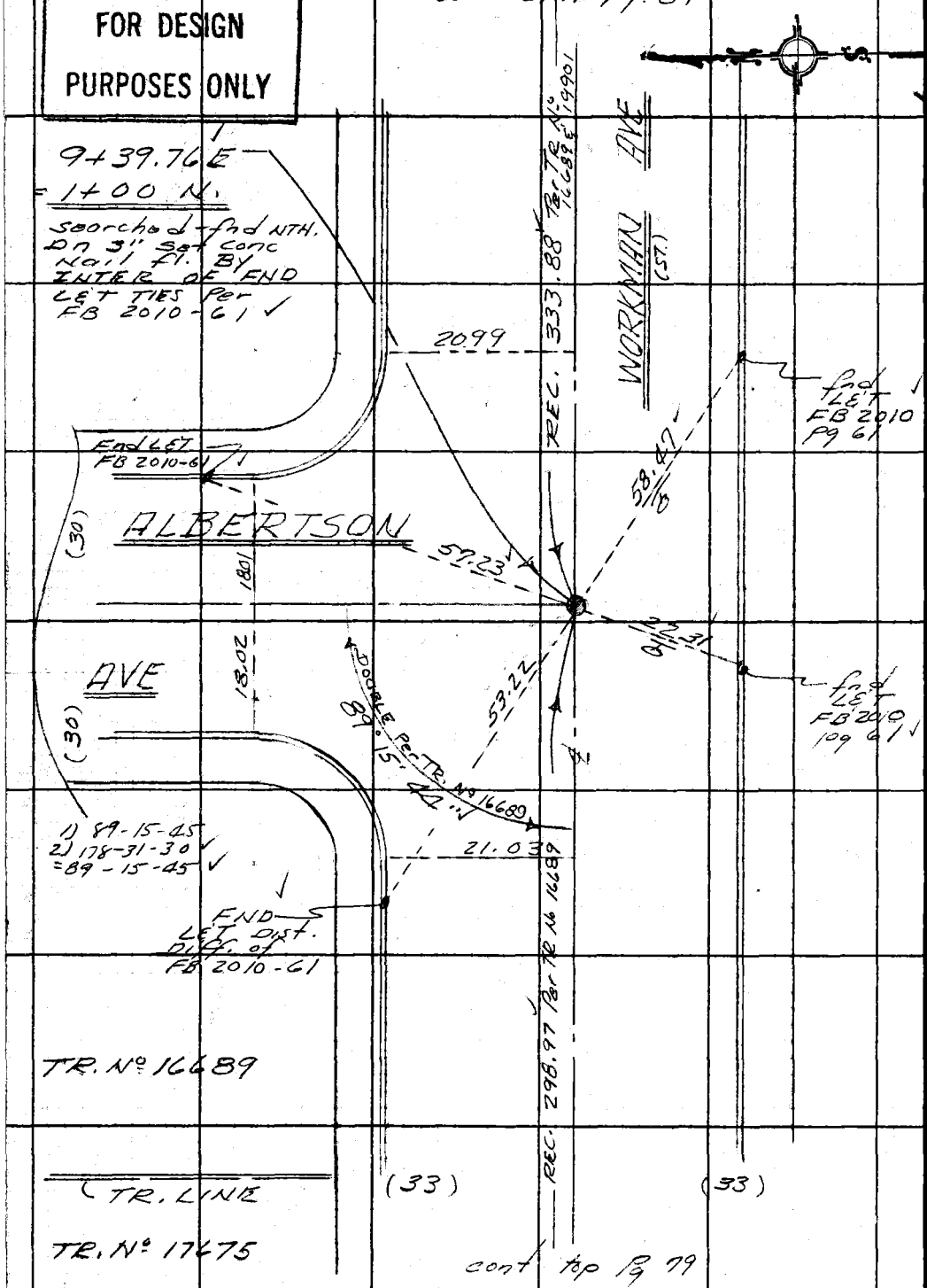
cont. btm. pg. 81



cont top Pg 79

M547, C-5

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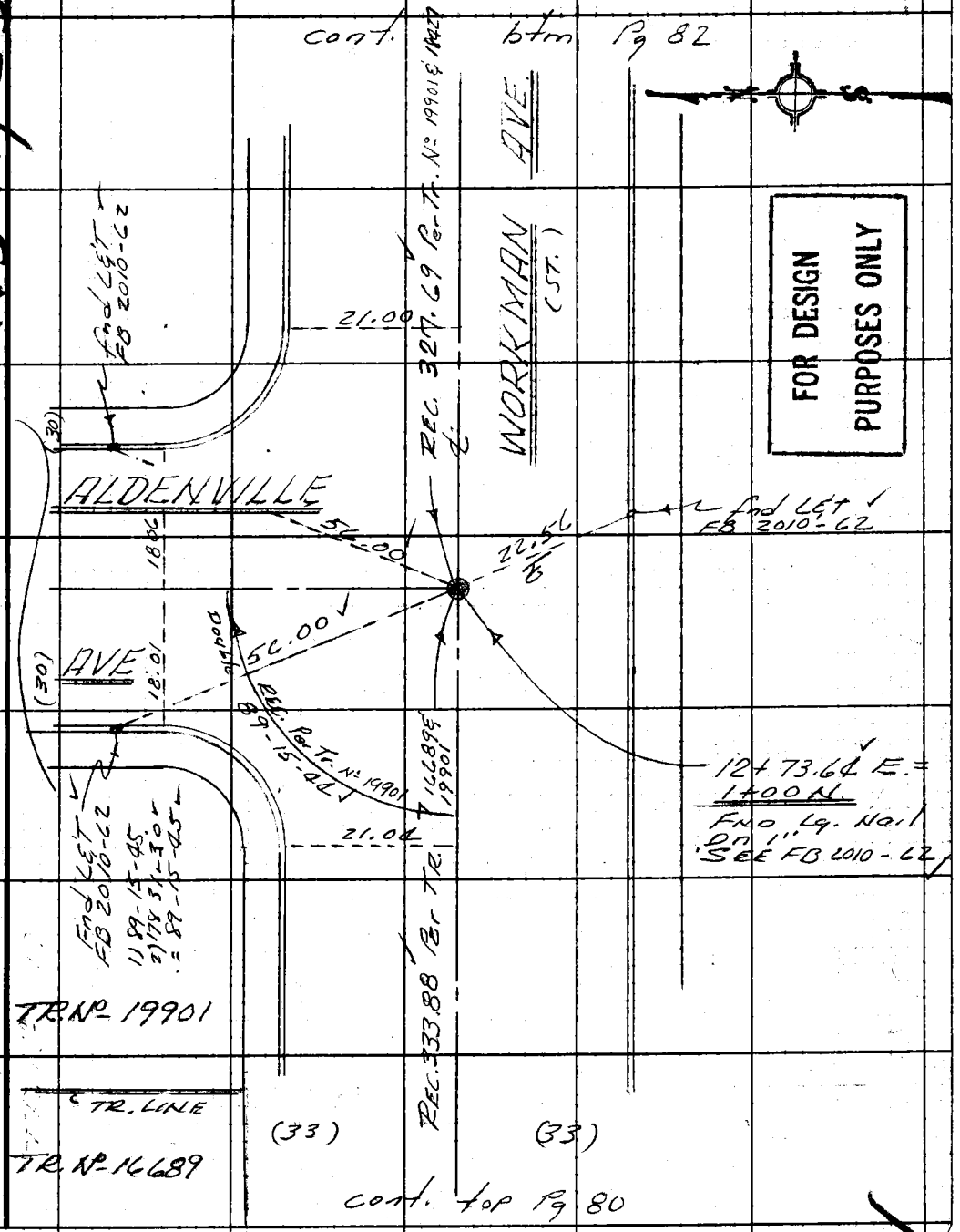
Notes Ck'd by G. D. BAILEY	Survey of S.D. Proj 1268	F. B. 3336 PG. 81
Map No.	JN 6712.68 Tape — Std — °F	
Office Work	Surveyed by E. LANDA	
Checked	Notes E. LANDA Date 12-70	
Date DEC 19 '71	Indexed L. J. GALLI JAN 12 '71	

W547, C-5



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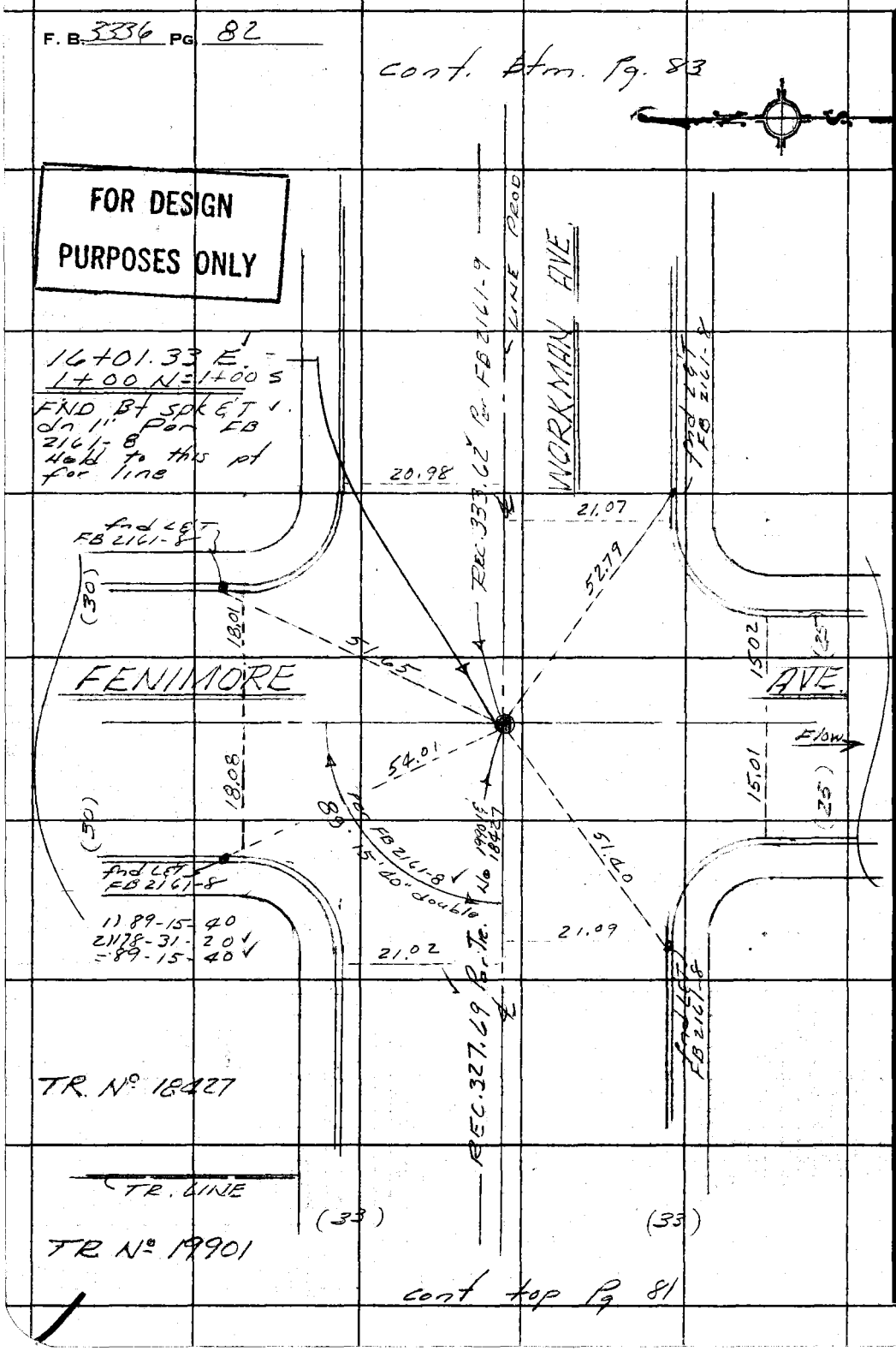
76F309S CE#310 3-69

F. B. 3336 PG. 82

cont. btm. Pg. 83



cont top Pg 81

WS 47 G-5

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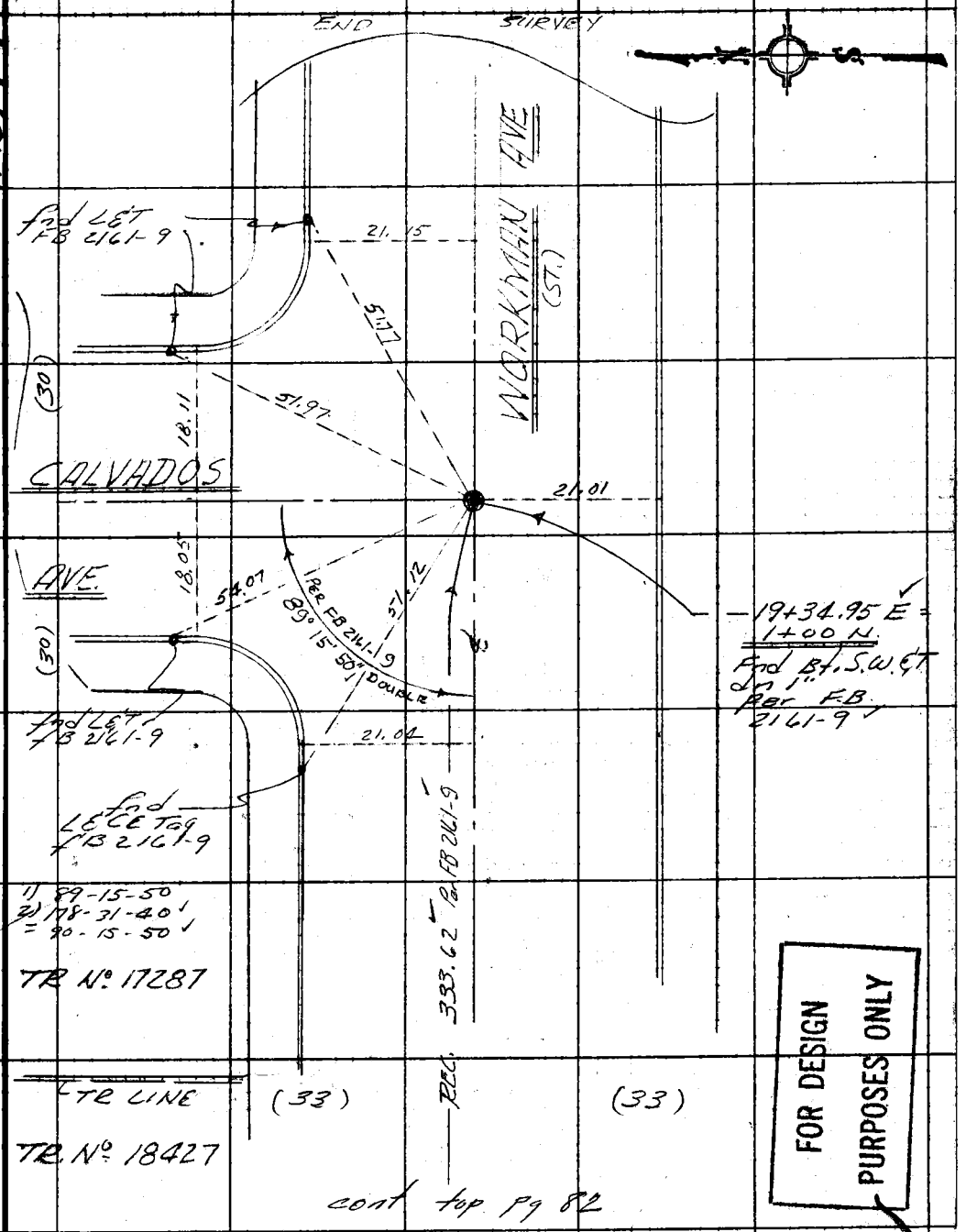
Notes Ck'd by G. D. BAILEY	Survey of S.D. Proj. 1268	F. B. 3336 Pg. 83
Map No.	JN 671268 Tape — Std. °F	
Office Work	Surveyed by E. LANDA	
Checked	Notes E. LANDA Date 12-70	
Date DEC 19 '71	Indexed G. J. GALLI JAN 12 '71	

W.S. 47, C-5



cont top Pg 82

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25

76F309S CE#310 3-69

F. B. 3336 PG. 84

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NOTES RED. G. D. BAILEY JOB NO. 6712.68 SURVEY OF SD. Proj. 1268 F. B 3336 PG. 85
DATE DEC 19 '71 SURVEY BY E. Landa
NOTES CKD. G. D. BAILEY NOTES BY E.L. & D. Peterson DATE 12-70
DATE G. L. GALL DEC 19 '71 INDEXED JAN 12 '71 DATE

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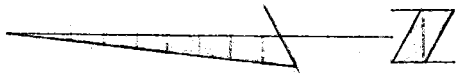
768420 S & E-353 9-55

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						STORM DRAIN PROJECT 1268
						COVINA AREA
						1970 SD BOND ISSUE
						J.N. 6712.68
						BENCH LEVELS
						REF FB 2161-116-119

Note: Unable to begin Bench circuit with TF 301 as requested per Letter. Ld & T GONE. A 3½ ft hi circular brick wall with Root (wishing well) has been built around pump. Used Phil. Rod to establish an elev. of what may have once been TF 301 see Pg 87 for descr. E.L.

F. B. 3336 PG. 86

JOB NO. 4712.68 SURVEY OF S.D. Proj 1268 NOTES REC'D. BAILEY
SURVEY BY E. Londa DATE DEC 19 71
NOTES BY D. PETERSON DATE 12-70 NOTES CHK'D. BAILEY
INDEXED DATE DATE DEC 19 71



CITRUS AVE.

30 M 63 Pg. 88

CALVADOS AVE.

FENIMORE

AZ-225 Pg. 88

ALDENVILLE

TF 304 Pg. 88

ALBERTSON

TF 305 Pg. 88

FIRCROFT

TBM #4 Pg 87 & 88

MIDSITE

TF 303 Pg 87

ALLEY

WORKMAN

IDAHOME

TF 293 Pg 87

SHAMWOOD

TF 296 Pg 87

SERVICE RD.

SAN BERNARDINO FWY

HOLLENBECK ST.

TF 301 Pg 87

MADRINA ST.

B.M.
1ST RUN
DIFF.
2ND RUN
3RD RUN
ADJ. ELEV.
DESCRIPTION

765420 S & E-353 9-55

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76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM TF 296	478.412				478.412	BM TF 296 ELEV: 478.412 FB 2161-116
+	5.631		5.584			Hollenbeck Ave & Shamwood St.
⊼	484.043	+1.833	1.834			SE Cor. Bt. spk in cb. 18 E of E end CR
−	3.798		3.750			
BM TF 293	480.245				480.249	BM TF 293 ELEV: 480.249 FB 2161-116
+	4.992		4.930			Hollenbeck Ave & Idahome St.
⊼	485.237	+0.614	+0.615			SE Cor Bt spk in cb 5 ft E of
−	4.378		4.315			E end C.R.
TP	480.859					
+	6.237		6.201			
⊼	487.096	+2.647	2.647			
−	3.590		3.554			
BM TF 301	483.506				483.507	B.M. TF 301 ELEV: 483.424 FB 2161-116
+	5.482		5.438			Abv. Ref. calls for L&T. N.E. Cor. Pump base
⊼	488.988	+2.551	+2.552			Abv. Call gone. Fnd 1/2" metal rod in conc.
−	2.931		2.886			@ N.E. Cor. conc. pump base of the NW Cor.
						Hollenbeck Ave & Workman Ave
BM TF 303	486.057				486.057	BB TF 303, ELV = 486.057
+	5.214		5.170			FB. 2161-118, Workman St &
⊼	491.271	+1.459	+1.459			Midsite Ave N.E. Cor. L&T
−	3.755		3.711			in cb 3' E of E end C.R.
TBM # 4	487.516				487.515	TBM # 4 ELEV: 487.515
						FB 2161-118, Workman Ave
						& FIRCROFT SEE OTHER SIDE

cont. OTHER SIDE

NOTES RED G.D. BAILEY JOB NO. C712.C8 SURVEY OF S.D. Proj 1268
DATE DEC 1971 SURVEY BY E. LANDA
NOTES CHK'D G.D. BAILEY NOTES BY E. LANDA DATE 12-70
DATE DEC 1971 INDEXED G.L. GALLI DATE JAN 12 71

F.B. 3336 PG. 87

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Cont						
(End) TBM#4	487.516				487.515	TBM #4 ELEV=487.515
+	5.680		5.639			FB 2161-118, Workman Ave
⊼	493.196	+2.301	+2.301			& FIRCROFT AVE NW COR L&T
-	3.379		3.338			in cb, 1º W of W. End C.R.
BMTF305	489.817				489.820	B.M TF 305 ELEV=489.820
+	6.924		6.890			FB 2161-118, Workman Ave
⊼	496.741	+3.334	+3.333			& Albertson Ave. N.W. Cor.
-	3.590		3.557			L&T. in cb 1º W of W end C.R.
(END) BM TF304	493.151				493.156	BM. TF304 ELV=493.156
+	6.218		6.181			FB. 2161-119, Workman Ave
⊼	499.369	+3.230	+3.229			& ALDENVILLE AVE NW Cor
-	2.988		2.952			L&T in cb @ NW C.R
(End). BM. AZ225	496.381				496.388	BM. AZ 225 ELEV=496.388
+	6.420		6.378			FB 2161-119, Workman Ave &
⊼	502.801	+3.649	+3.649			Fenimore Ave NW Cor
-	2.771		2.729			L&T in cb 1º W of W end C.R.
(SET) BMSD 463	500.030				500.037	BM SD 463 ELEV=500.037
+	2.915		2.876			FB 3336-88 Workman Ave &
⊼	502.945	-3.788	-3.788			Calvados Ave. NE Cor. 1ft
-	6.703		6.664			E. of E end C.R. (L&T in cb)
TP	496.242					TP
+	3.388		3.347			
⊼	499.630	-3.023	-3.019			
-	6.411		6.366			
TP	493.219					TP

JOB NO. 6712.68 SURVEY OF S.D. Proj. 1268 NOTES RED. G. D. BAILEY
SURVEY BY E. LANDA DATE DEC 19 '71
NOTES BY E. LANDA DATE 12-70 NOTES CHKD. G. D. BAILEY
INDEXED DATE DEC 19 '71

F. B3336 PG. 88

765420 S & E-353 9-55

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160 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
cont						
TP	493.219					TP
+	3.608		3.570			
⊼	496.827	-2.811	-2.812			
−	6.419		6.382			
TP	490.408					TP
+	4.119		4.079			
⊼	494.527	-1.982	-1.983			
−	6.101		6.062			
TP	488.426					TP
+	4.023		3.981			
⊼	492.449	-2.315	-2.315			
−	6.338		6.296			
TP	486.111					TP
+	3.869		3.819			
⊼	489.980	-3.394	-3.394			
−	7.263		7.213			
TP	482.717					TP
+	2.839		2.791	2.739		
⊼	485.556	-2.751	-2.757	-2.752		
−	5.590		5.548	5.491		
TP	479.966					TP
+	4.383		4.349			
⊼	484.349	-1.557	1.556			
−	5.940		5.905			
BM	478.409				478.412	BM. TF. 296 ELEV: 478.412 FB 2161-116 Hollenbeck Ave & Shamwood St. SE Cor Bt. Spk in cb. 18' E. of E end CR.

NOTES RED G. D. BAILEY JOB NO. 6712.68 SURVEY OF S.D. Proj. 1268
DATE 9-71 SURVEY BY E. LANDA
NOTES CHKD. G. D. BAILEY NOTES BY E. LANDA DATE 12-3-70
DATE 9-71 INDEXED G. J. GALLI DATE JAN 12 '71

F. B. 3336 PG. 89

F. B. 3336 PG. 90

JOB NO. 671268 SURVEY OF S.D. Proj. 1268 NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE 12-70 NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

765420 S & E-353 9-55

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S.D. PROJECT 1268

Notes Ck'd by	Survey of COVINA AREA
Map No.	JN 6712.68 Tape Std °F
Office Work	Surveyed by E LANDA
Checked	Notes R SMITH Date 12-70
Date	Indexed Linda GALLI JAN 12 71

F. B. 3336 PG. 91

J.N 6T1268

STORM DRAIN PROJECT #1268

TOPOG ALONG HOLLENBECK ST FROM SHAMWOOD ST., NORTH TO WORKMAN AVE.

DEC 1970

REF
F.B. 3336

PARTY
LANDA
SMITH
PETERSON
SYKES

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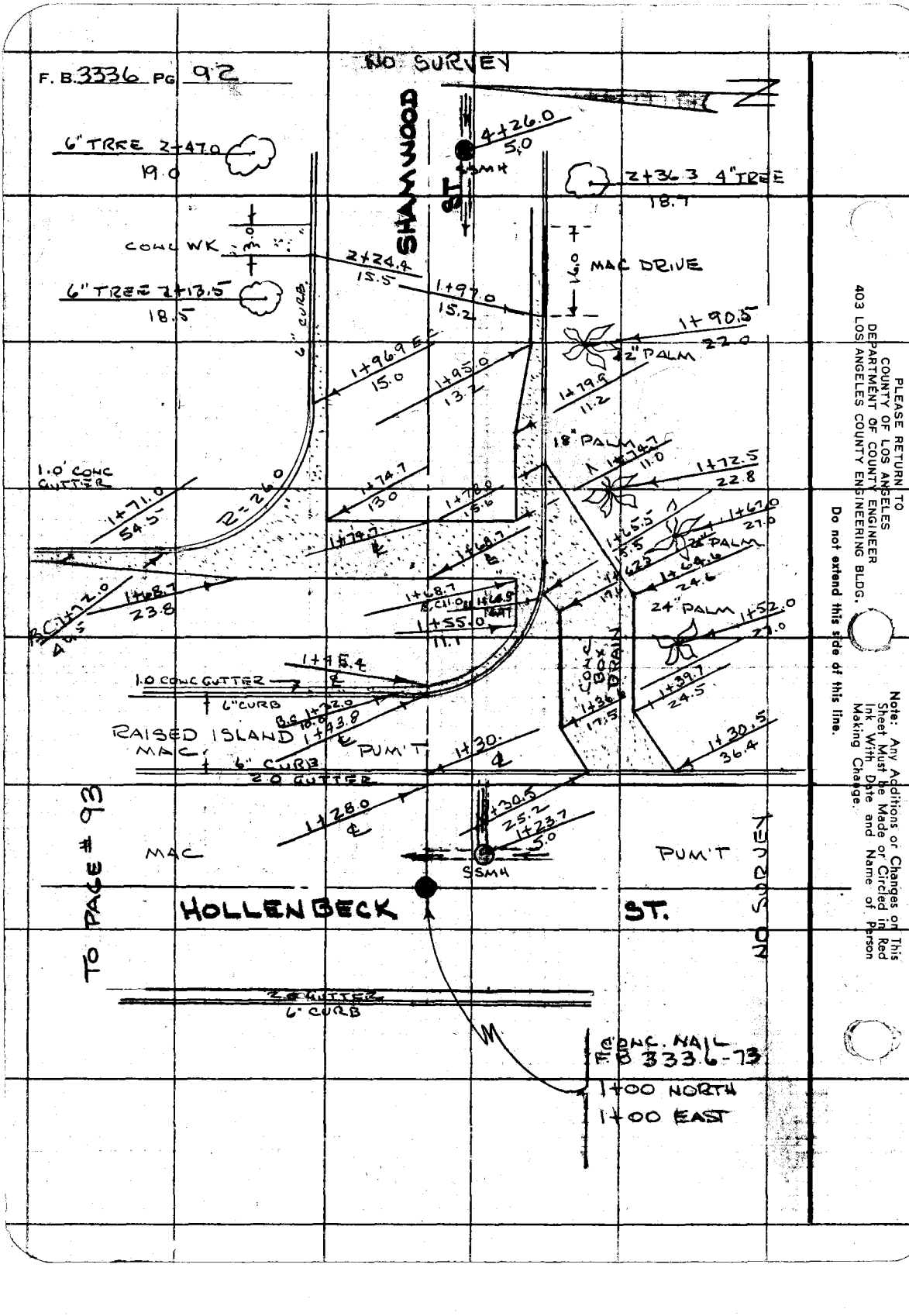
CE#310 3-69



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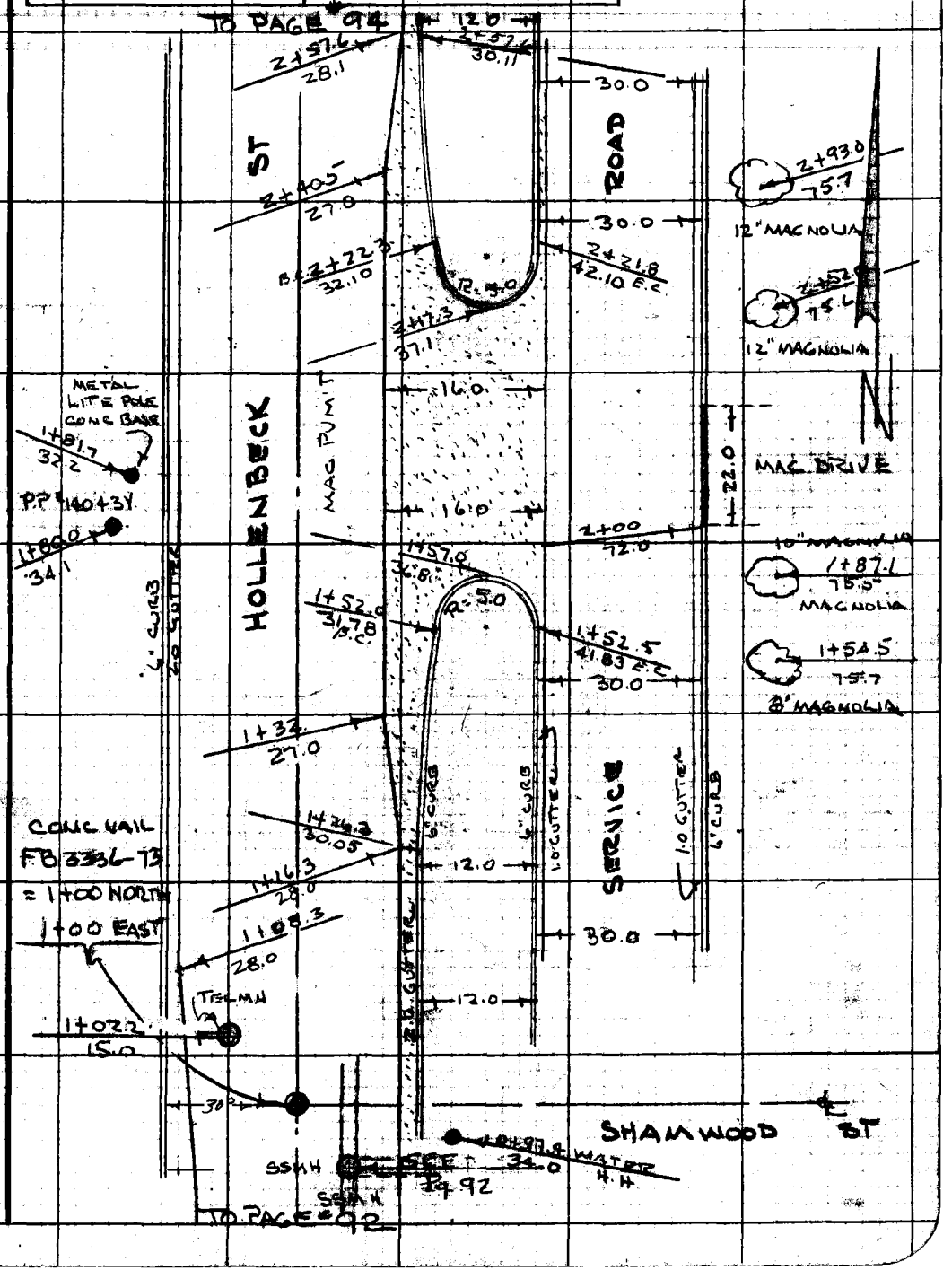
S.D. PROJECT 1268

Notes Ck'd by	Survey of COVINA AREA
Map No.	JN 6712.08 Tape Std °F
Office Work	Surveyed by E LANDA
Checked	Notes R. SMITH Date 12-70
Date	Indexed [illegible] JAN 12 '71

F. B. 3336 PG. 93



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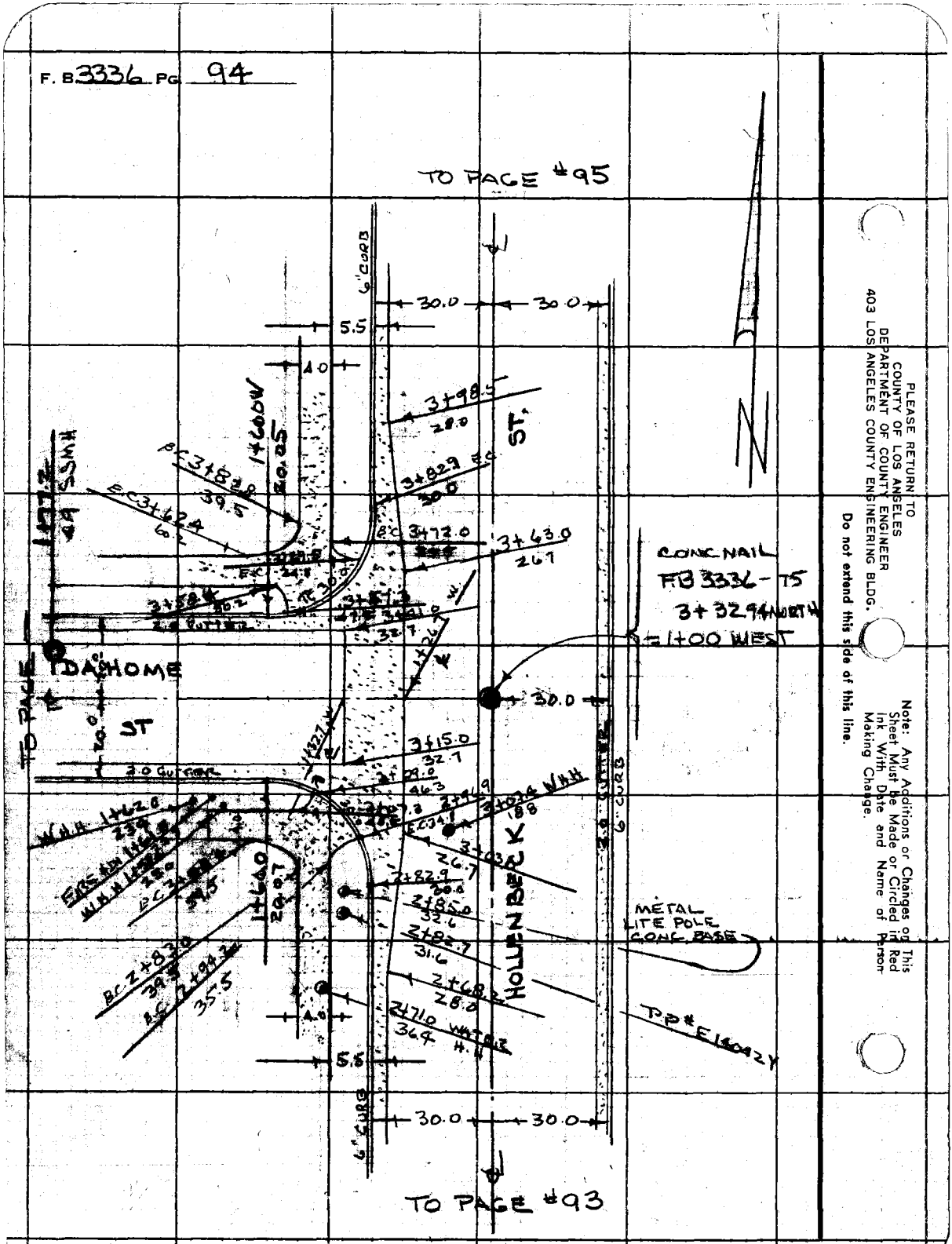
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 3336 PG. 94



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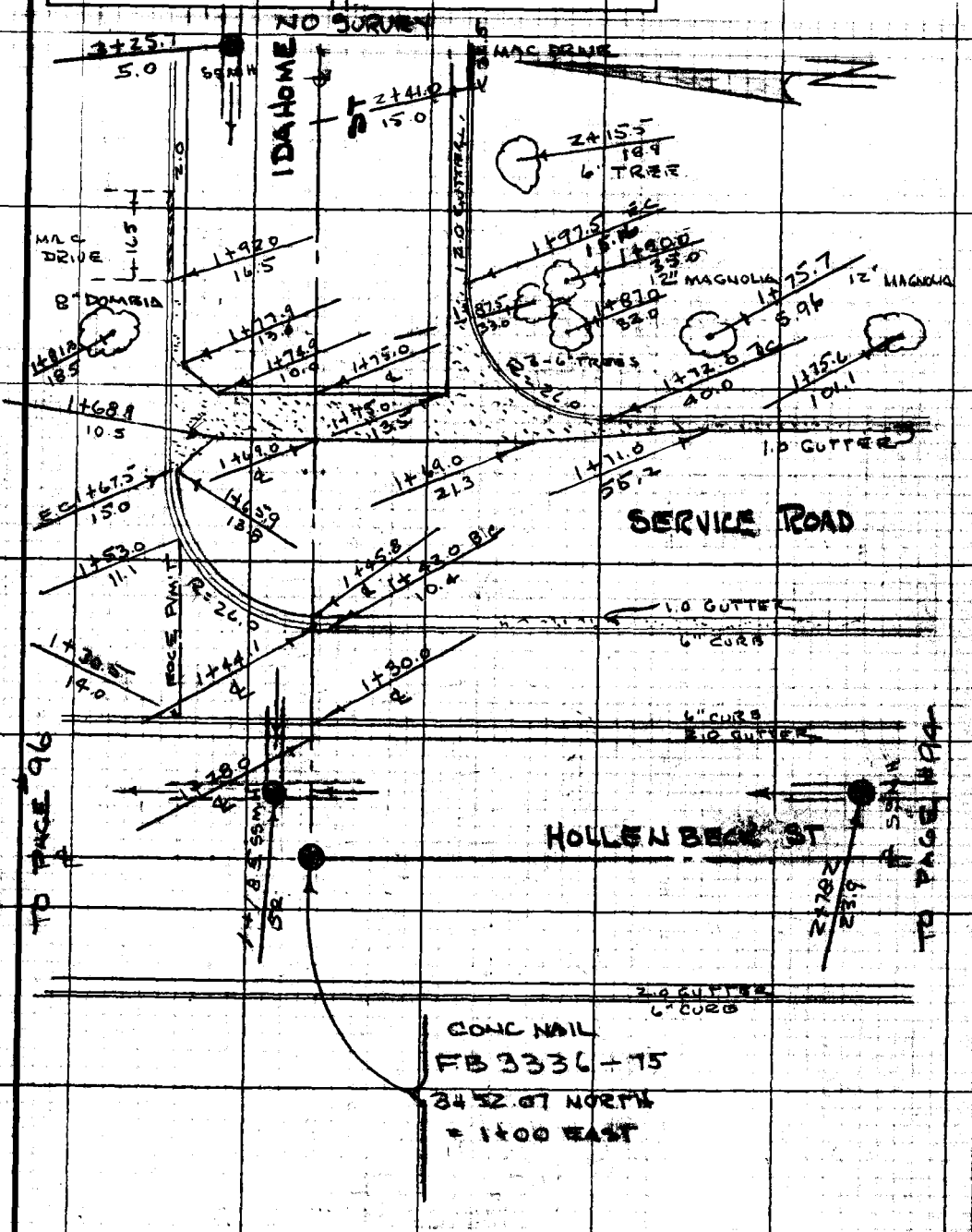
SD PROJECT 1268

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

Survey of COVINA AREA
JN 6713.12 Tape Std °F
Surveyed by E. LANDA
Notes TS SMITH Date 12-70
Indexed C. J. GALLI JAN 12 71

F. B. 3336 PG. 95



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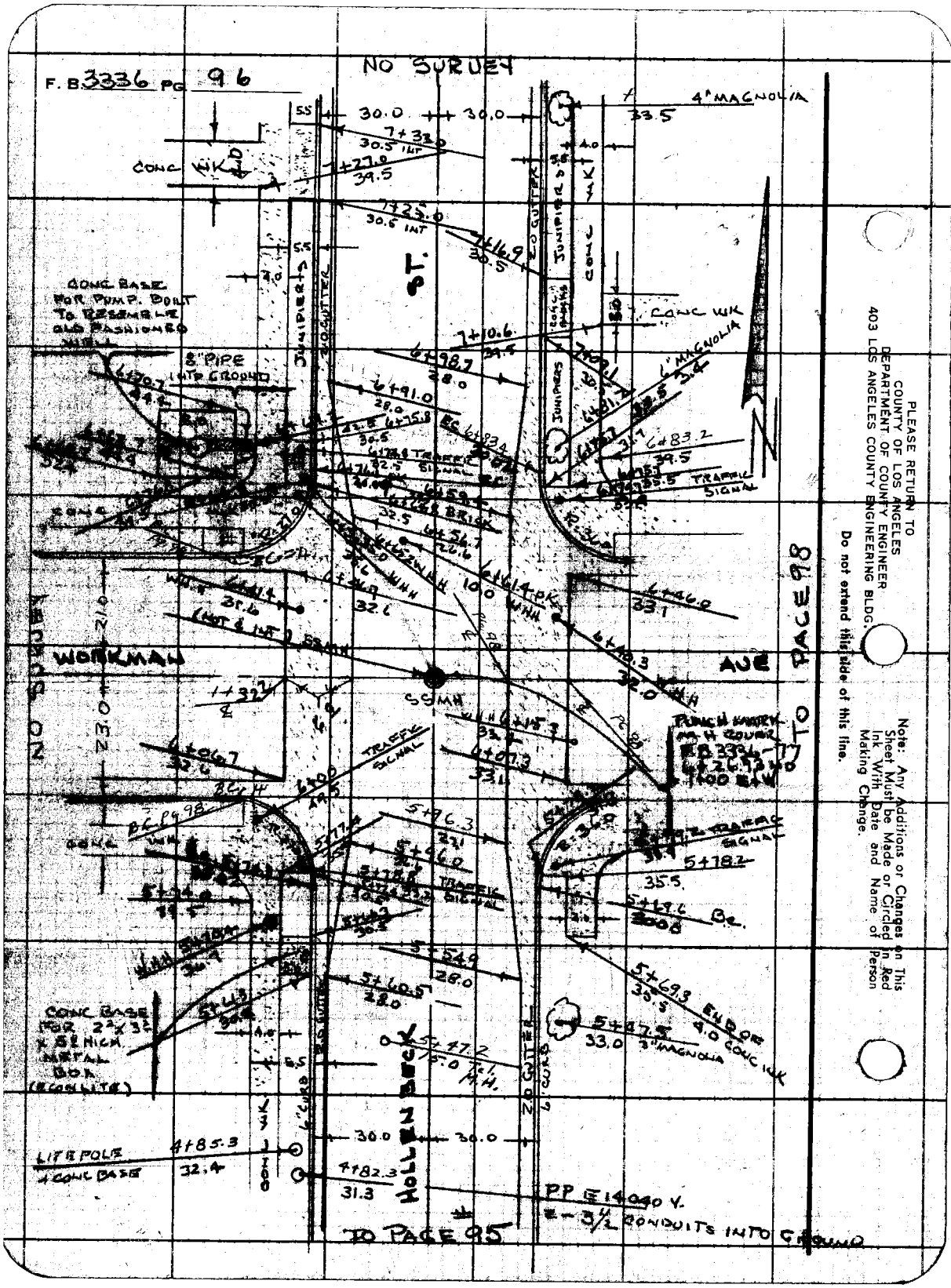
10F309s CE#310 3-69



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COVINA AREA

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

Survey of SD PROJECT # 1268
JN 6712.68 Tape Std °F
Surveyed by E LANDA
Notes R. SMITH Date 12-70
Indexed G. L. GALLI JAN 16 71

F. B. 3336 PG. 97

JN 6712.68

STORM DRAIN PROJECT
1268

TOPOG ALONG WORKMAN AVE.,
EAST TO CALVADOS AVE.

DEC 1970

REF.
FB 3336

PARTY
LANDA
SMITH
PETERSON
SYKES

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DEPARTMENT OF COUNTY ENGINEER
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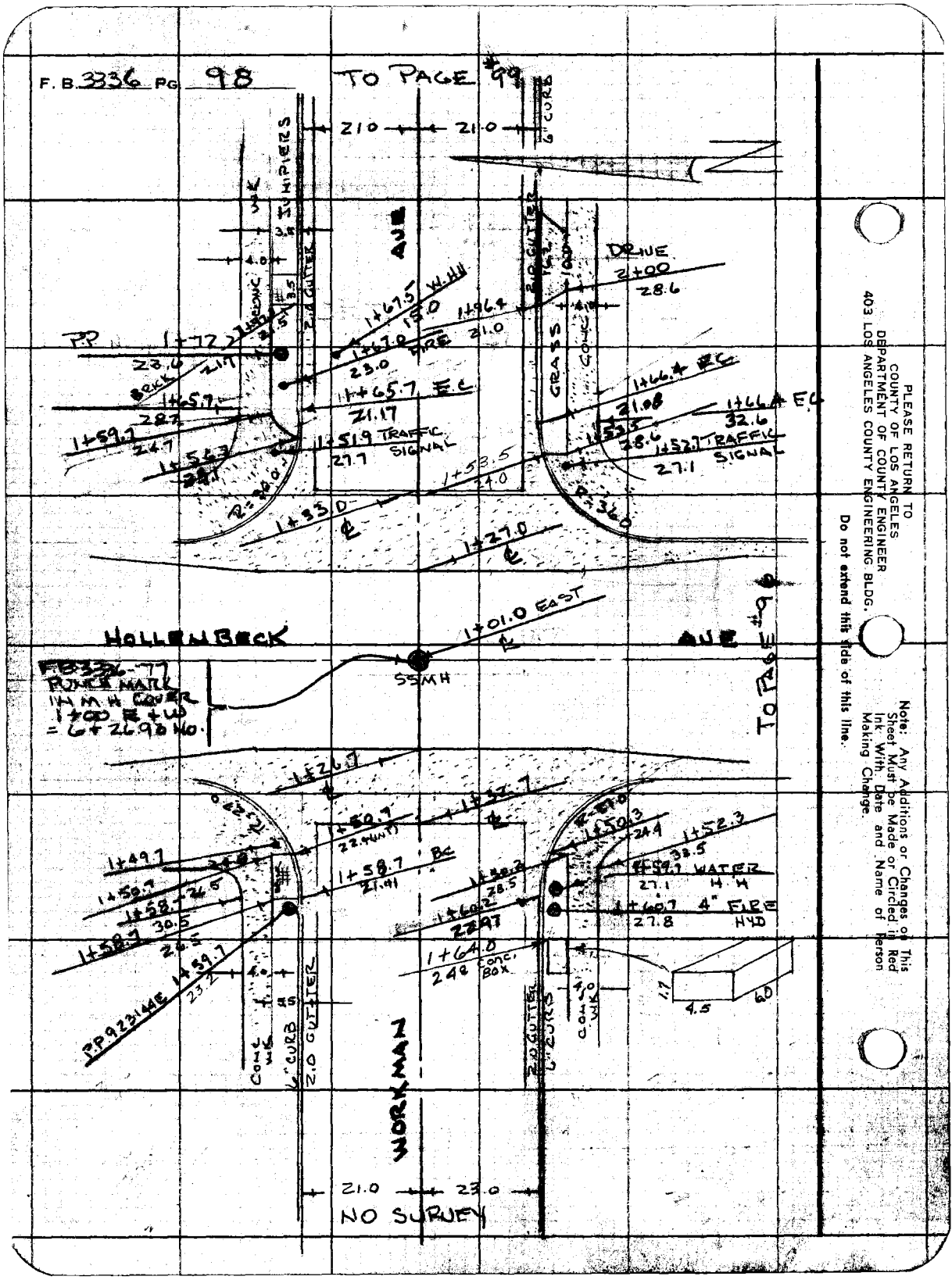
10F309S CE#310 3-69



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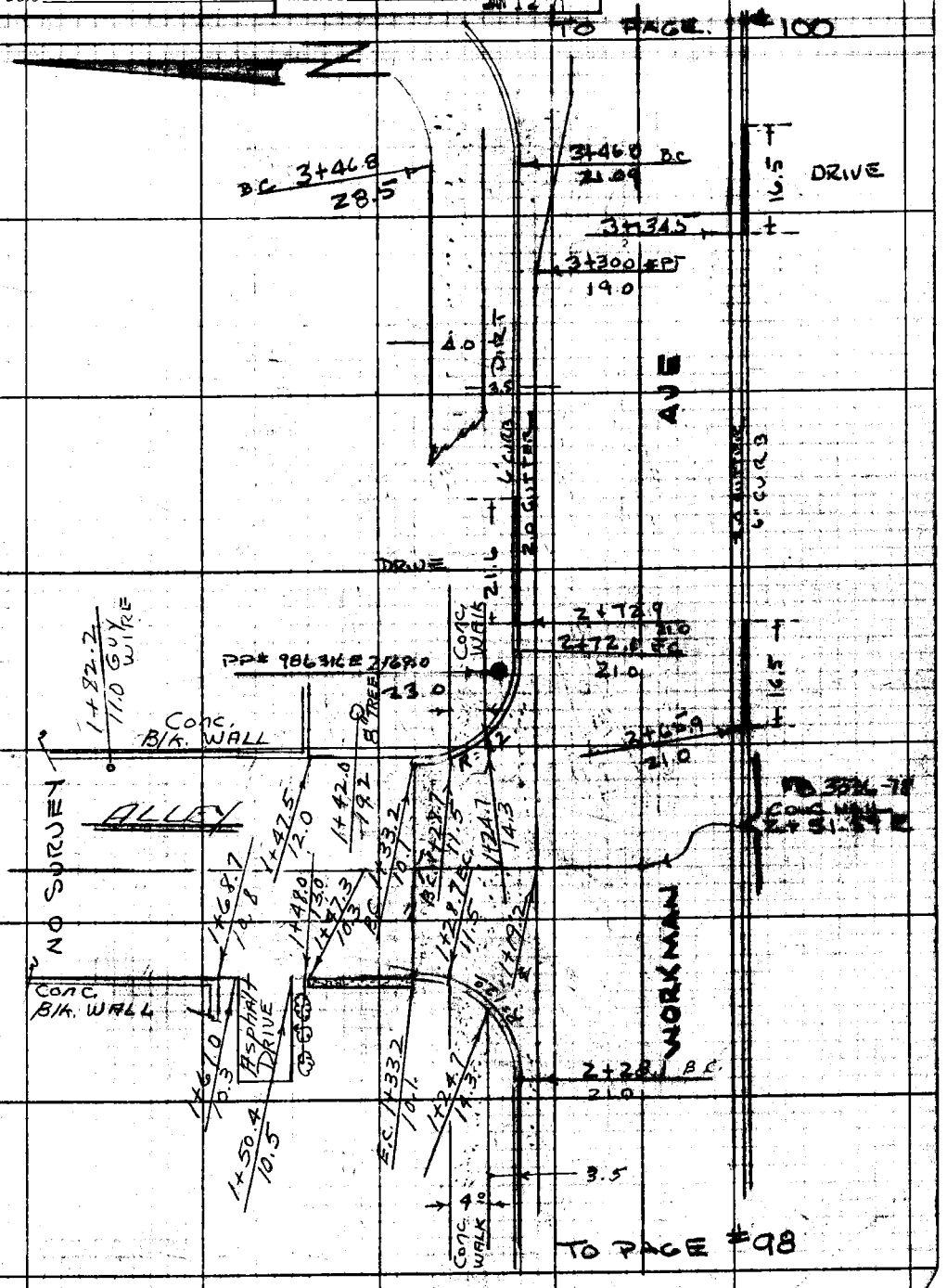
SD PROJECT # 1268

Notes Ck'd by	Survey of COVINA AREA
Map No.	JN 6712.68 Tape Std °F
Office Work	Surveyed by E LANDA
Checked	Notes R. SMITH Date 12-70
Date	Indexed G. L. GALLI

F.B. 3336 PG. 99



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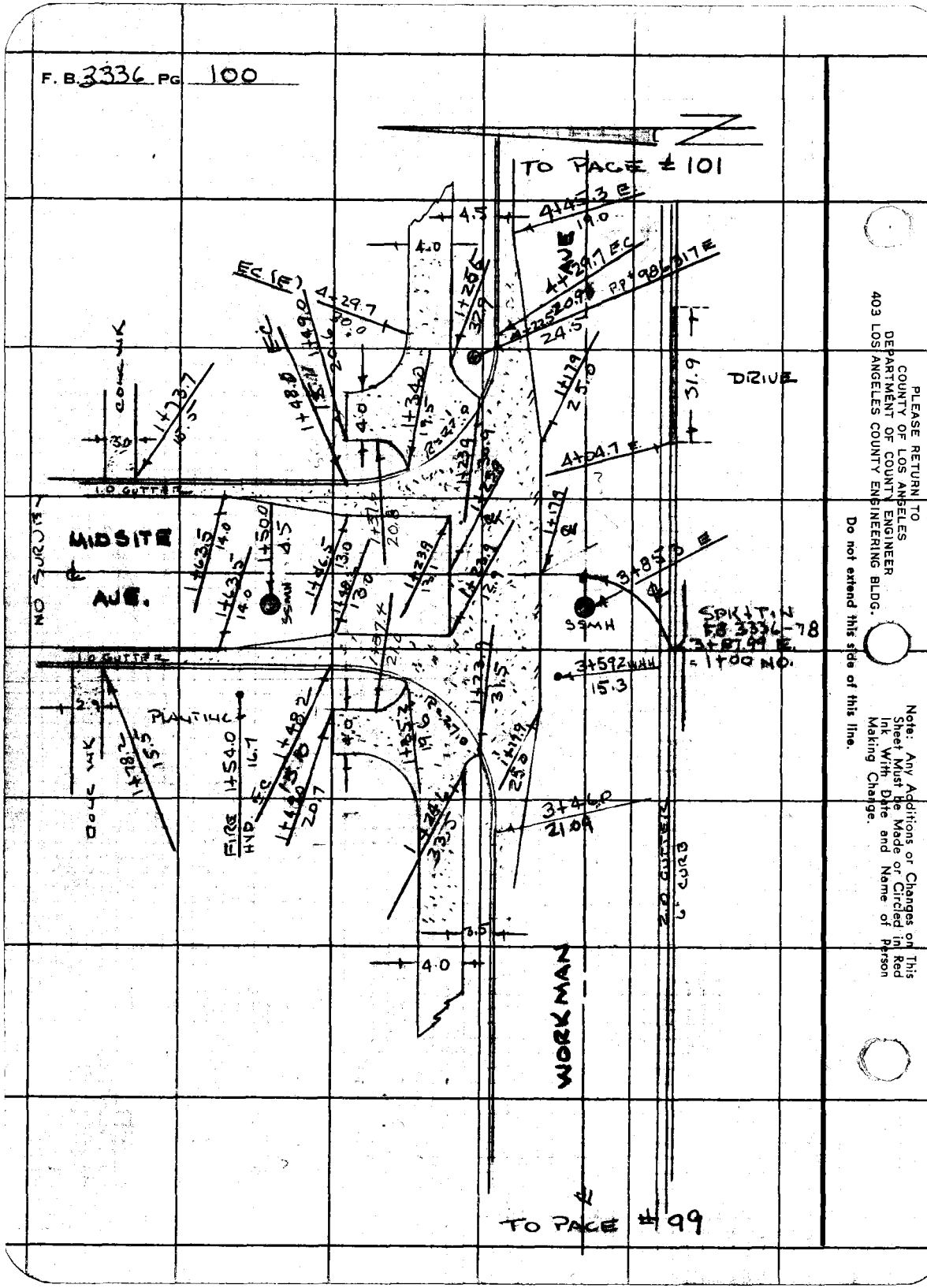
76F309S CE#310 3-69

F. B. 3336 PG. 100



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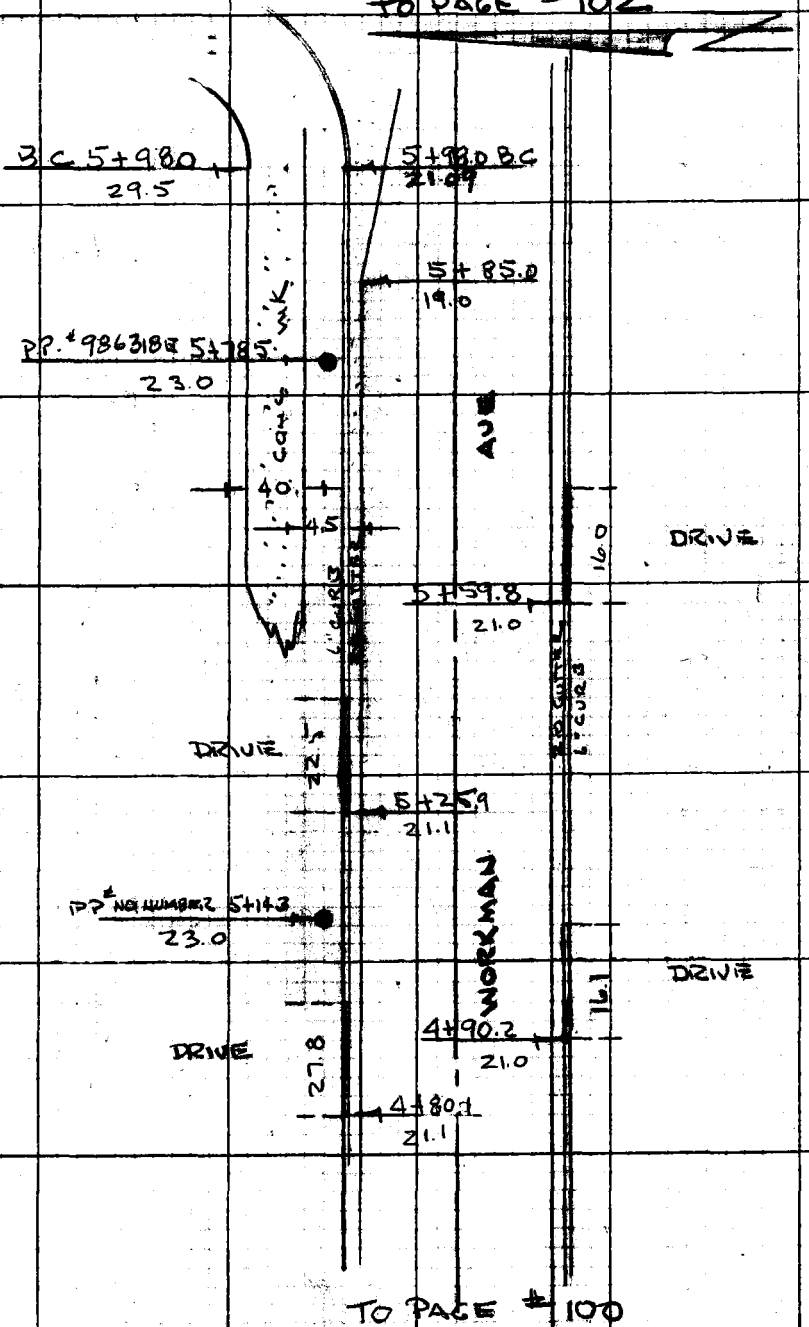
S.D. PROJECT 1268

Notes Ck'd. by	Survey of COVINA AREA — F.B. 3336 PG. 101
Map No.	JN 4713.48 Tape ___ Std ___ °F
Office Work	Surveyed by E LANDA
Checked	Notes R. SMITH Date 12-70
Date	Indexed E.L. GALLI JAN 12 71

TO PAGE # 102



TO PAGE # 100

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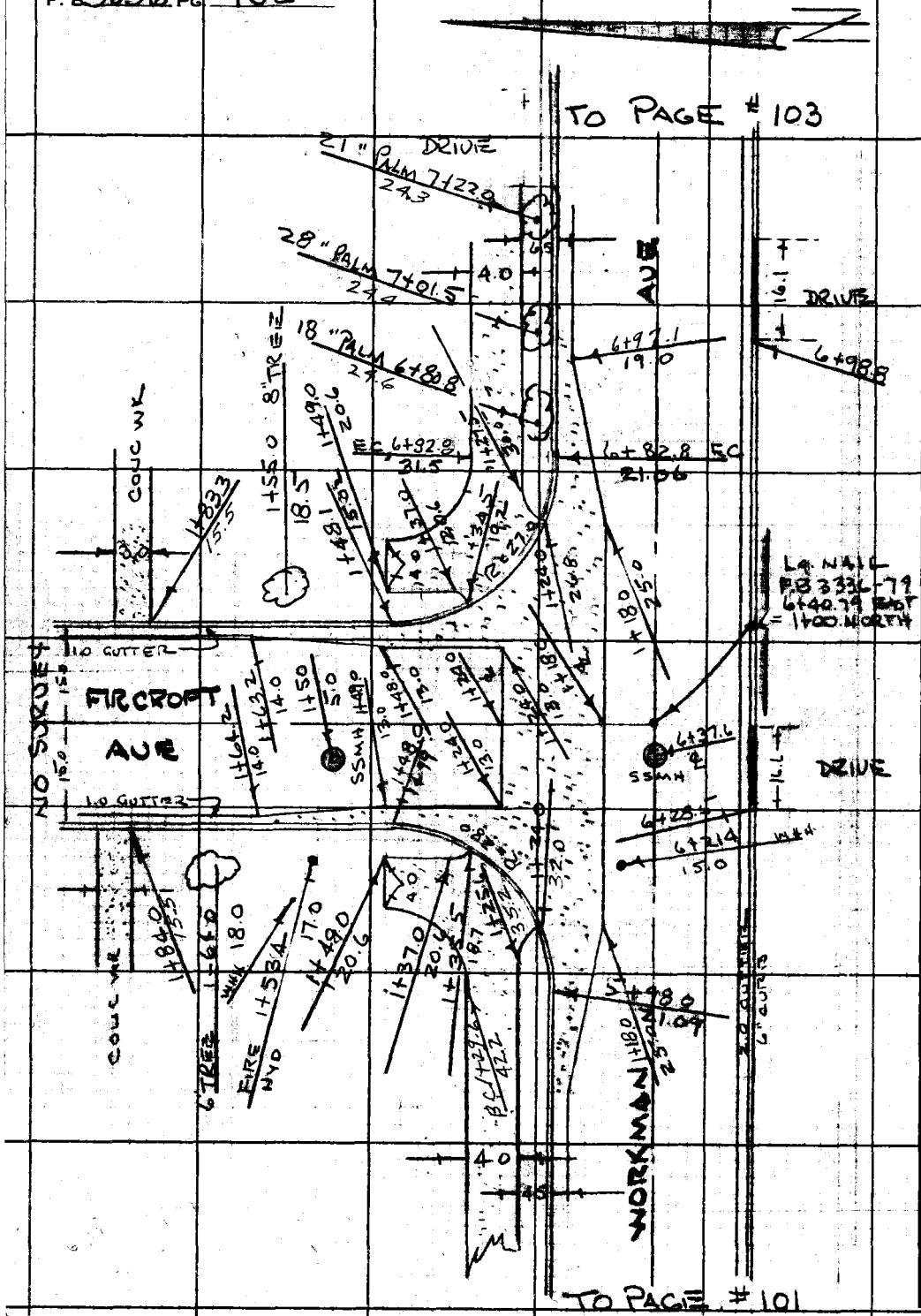
403 LOS ANGELES COUNTY ENGINEERING BLDG.

16F309S CE#310 3-69

F. B 3336 PG 102



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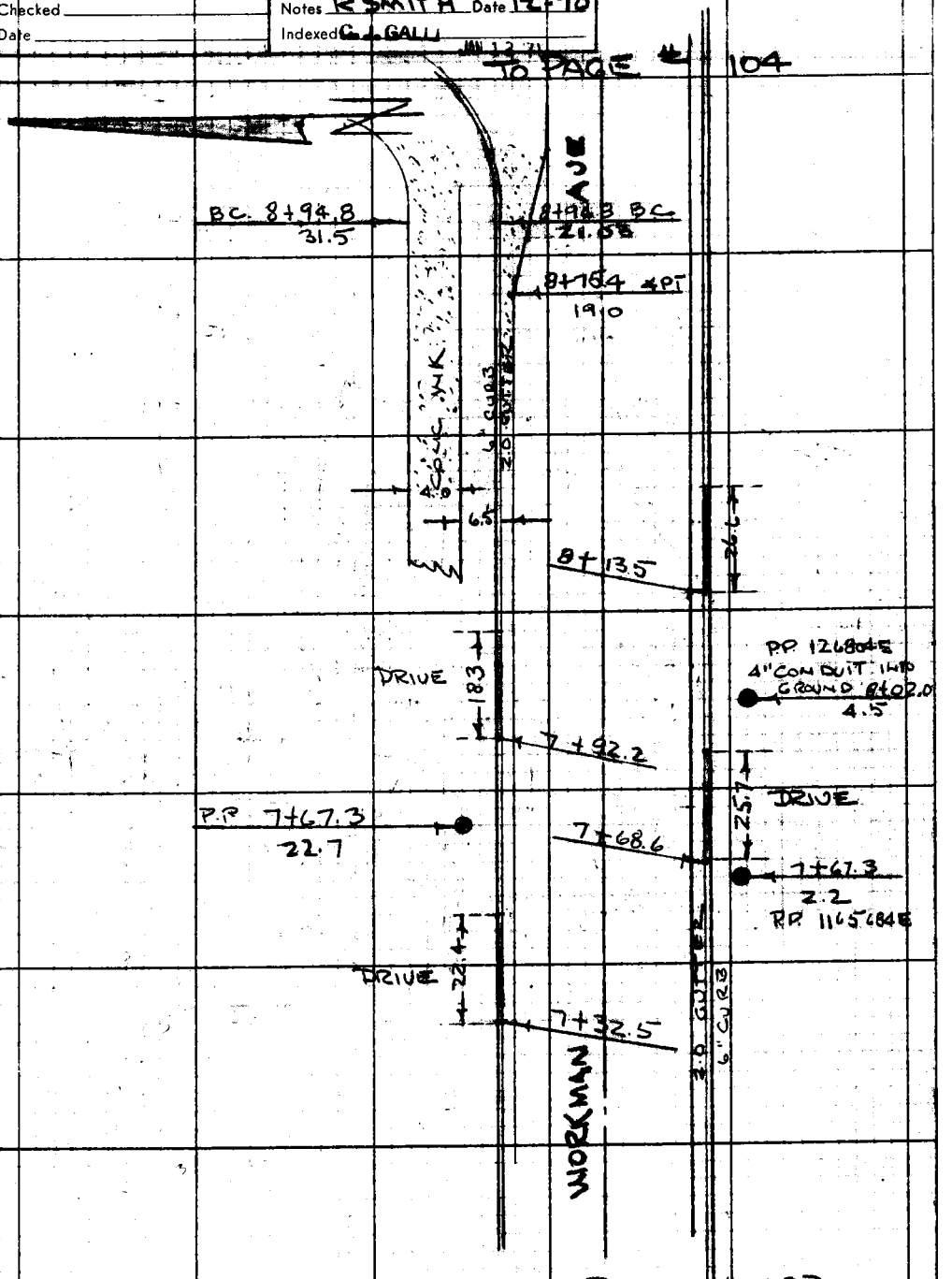
S.D PROJECT 1268

Notes Ck'd by	Survey of COVINA AREA
Map No.	JN 6712.68 Tape Std °F
Office Work	Surveyed by E LAUDA
Checked	Notes R SMITH Date 12-70
Date	Indexed G. GALLI

F. B 3336 PG. 103

JAN 12 71

TO PAGE 104



TO PAGE 102

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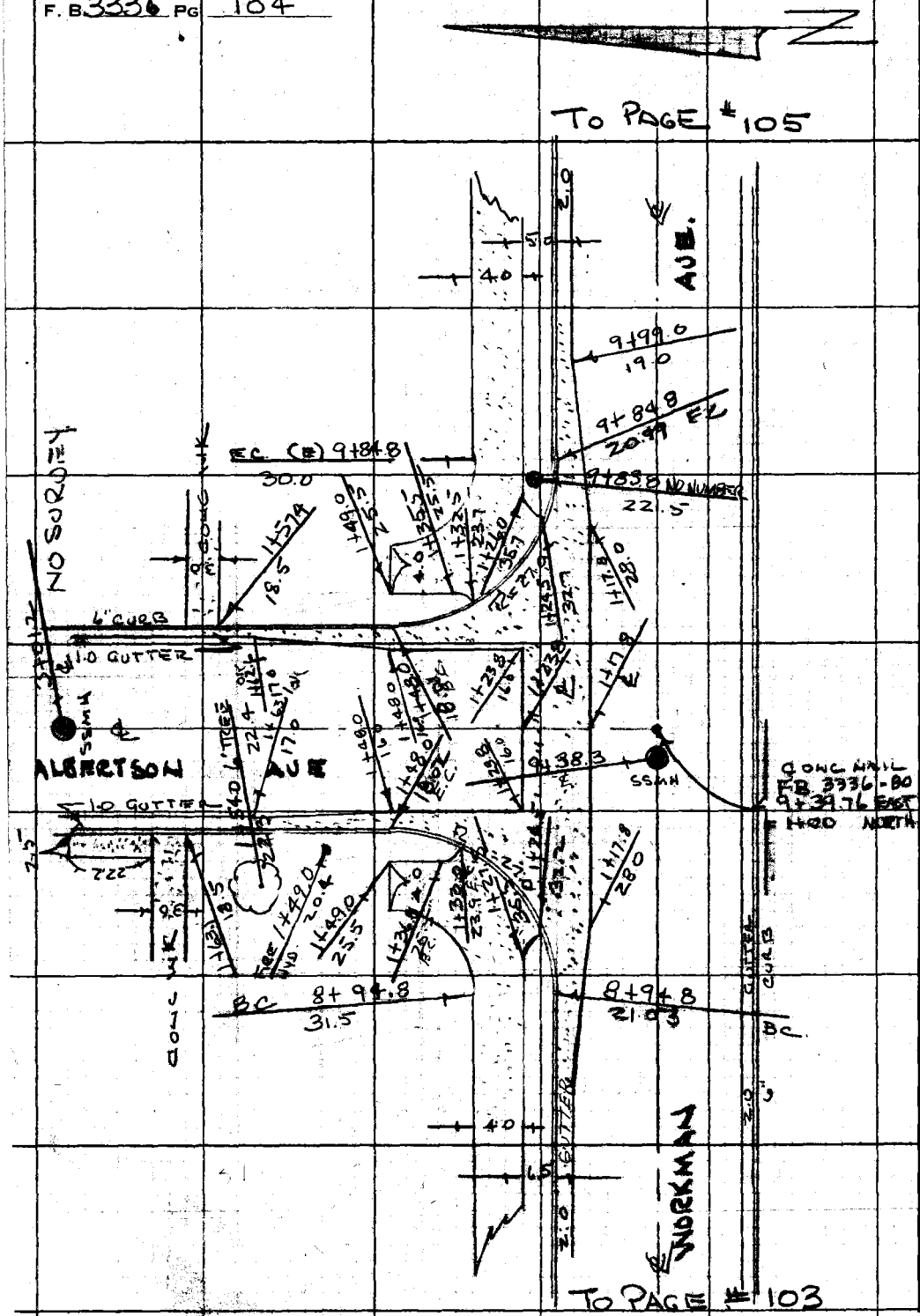
76F309s CE#310 3-69

F. B. 3336 PG 104



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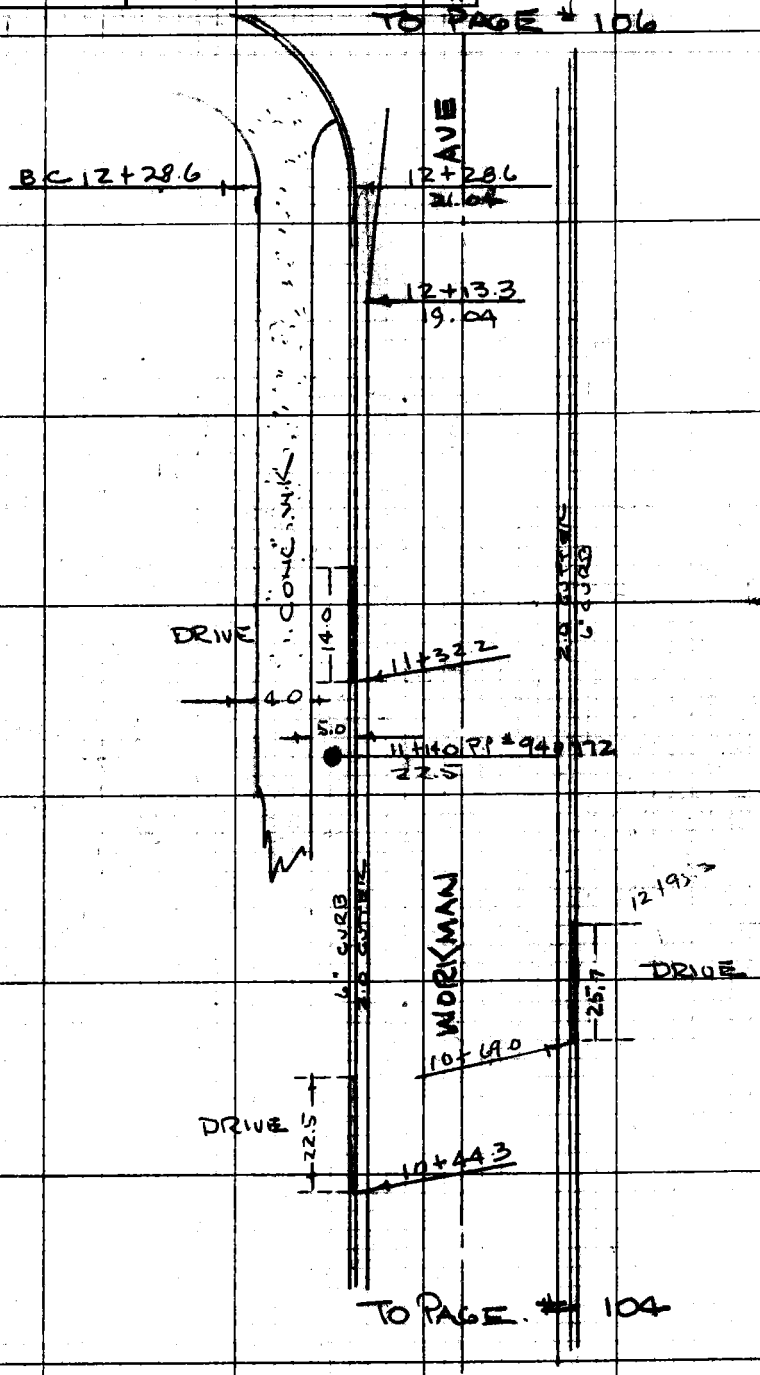
S.D. PROJECT 1268

Notes Ck'd by	Survey of COVINA AREA
Map No.	JN 6712.68 Tape Std °F
Office Work	Surveyed by E LANDA
Checked	Notes R SMITH Date 12-70
Date	Indexed G. L. GALLI JAN 12 '71

F. B. 3336 PG. 105



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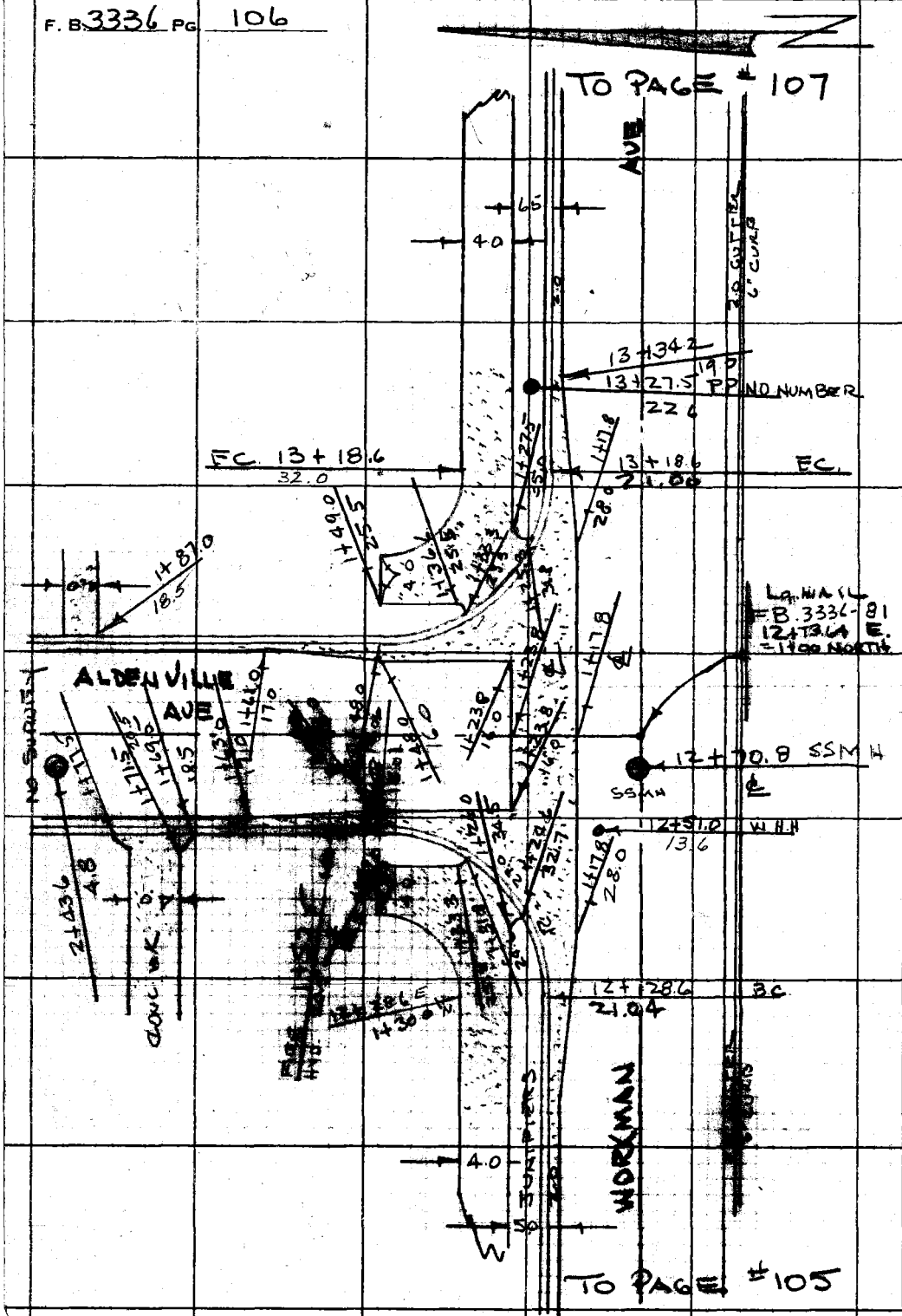
76F309S CE#310 3-69

F. B. 3336 PG. 106



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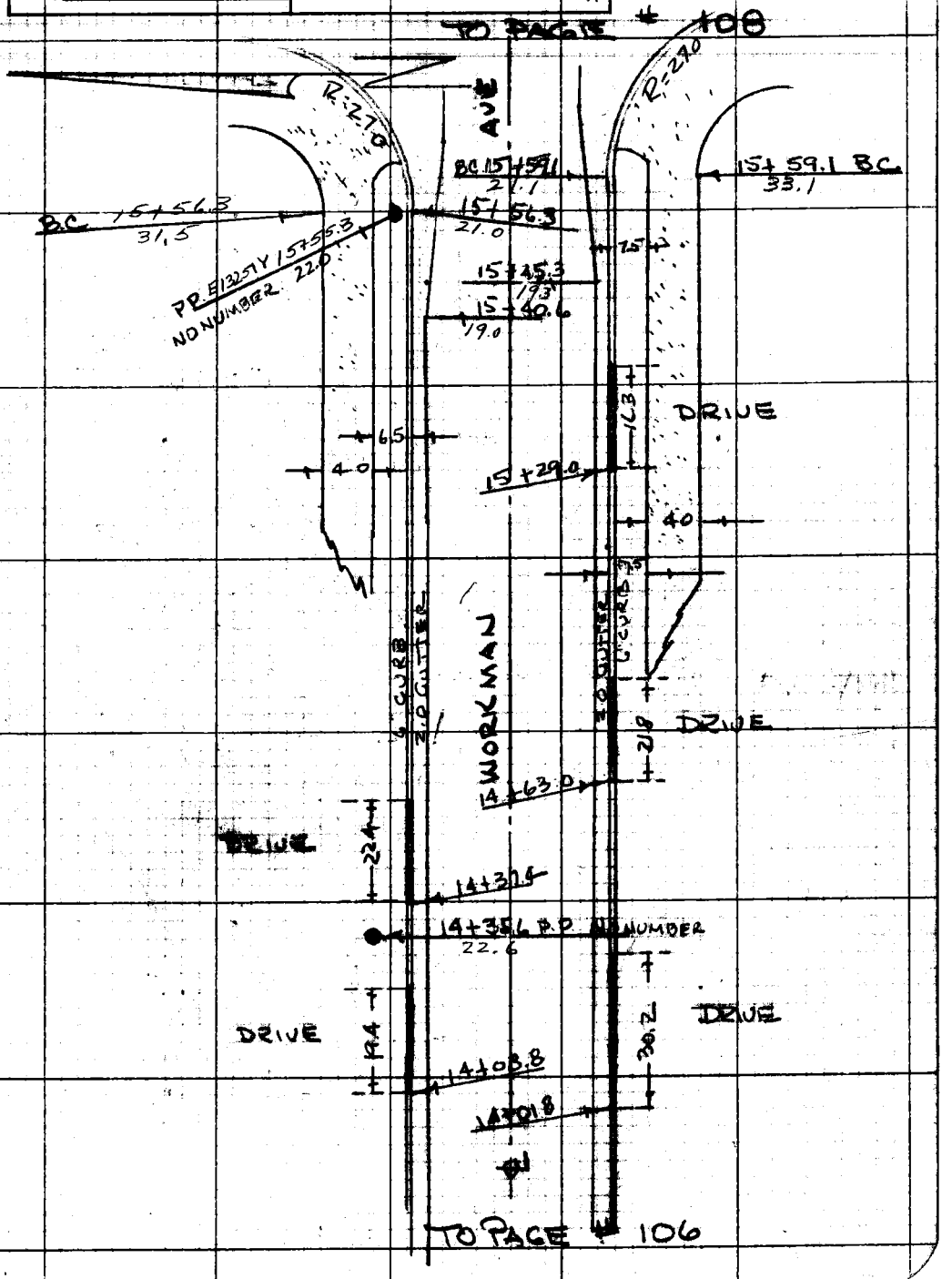
SD PROJECT 1268

Notes Ck'd by	Survey of COVINA AREA
Map No.	JN 7/12/68 Tape Std °F
Office Work	Surveyed by E LANDA
Checked	Notes R. SMITH Date 12-70
Date	Indexed [illegible]

F. B. 3336 PG. 107



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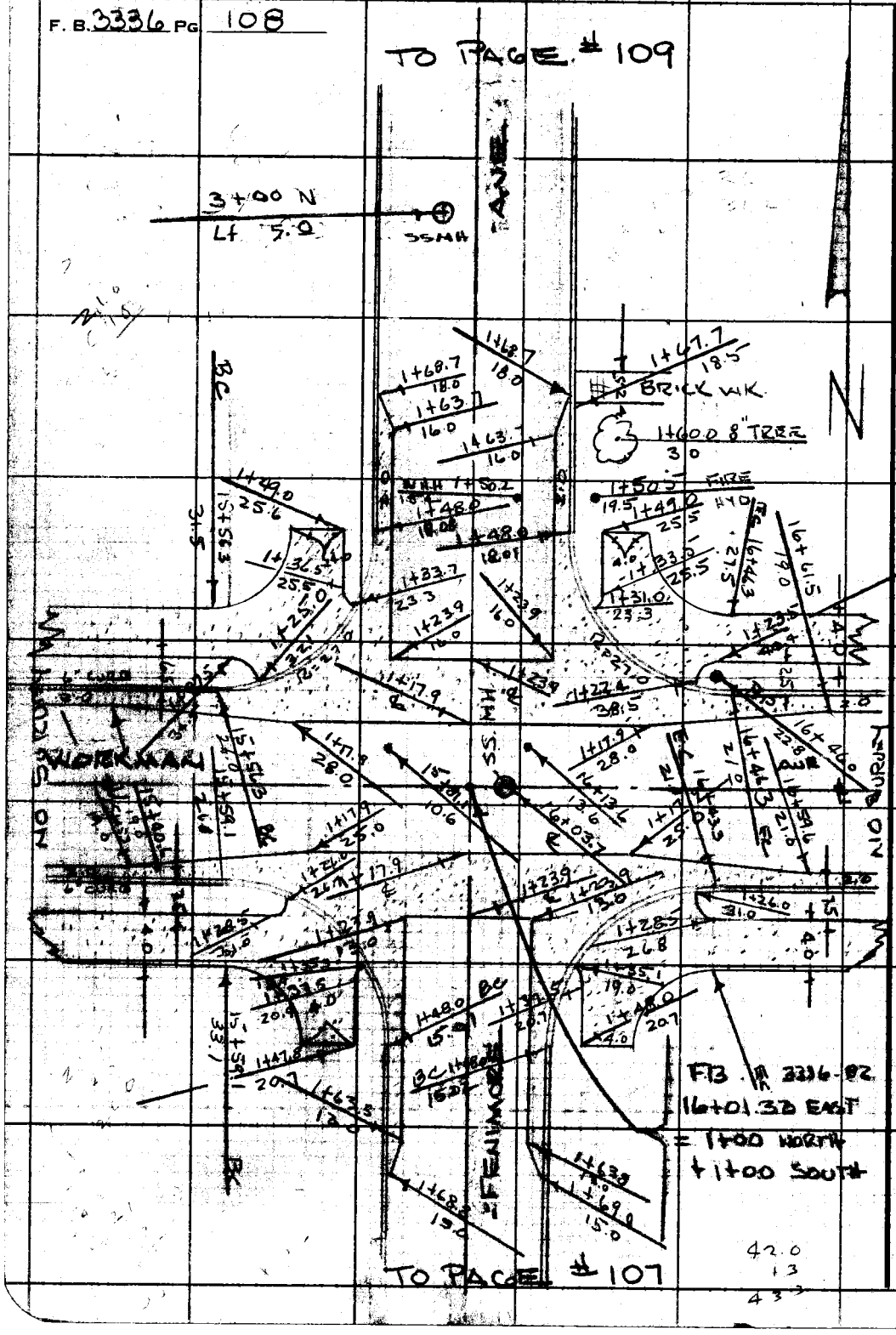
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

F. B. 3336 PG 108



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SD. PROJECT 1268

Notes Ck'd by
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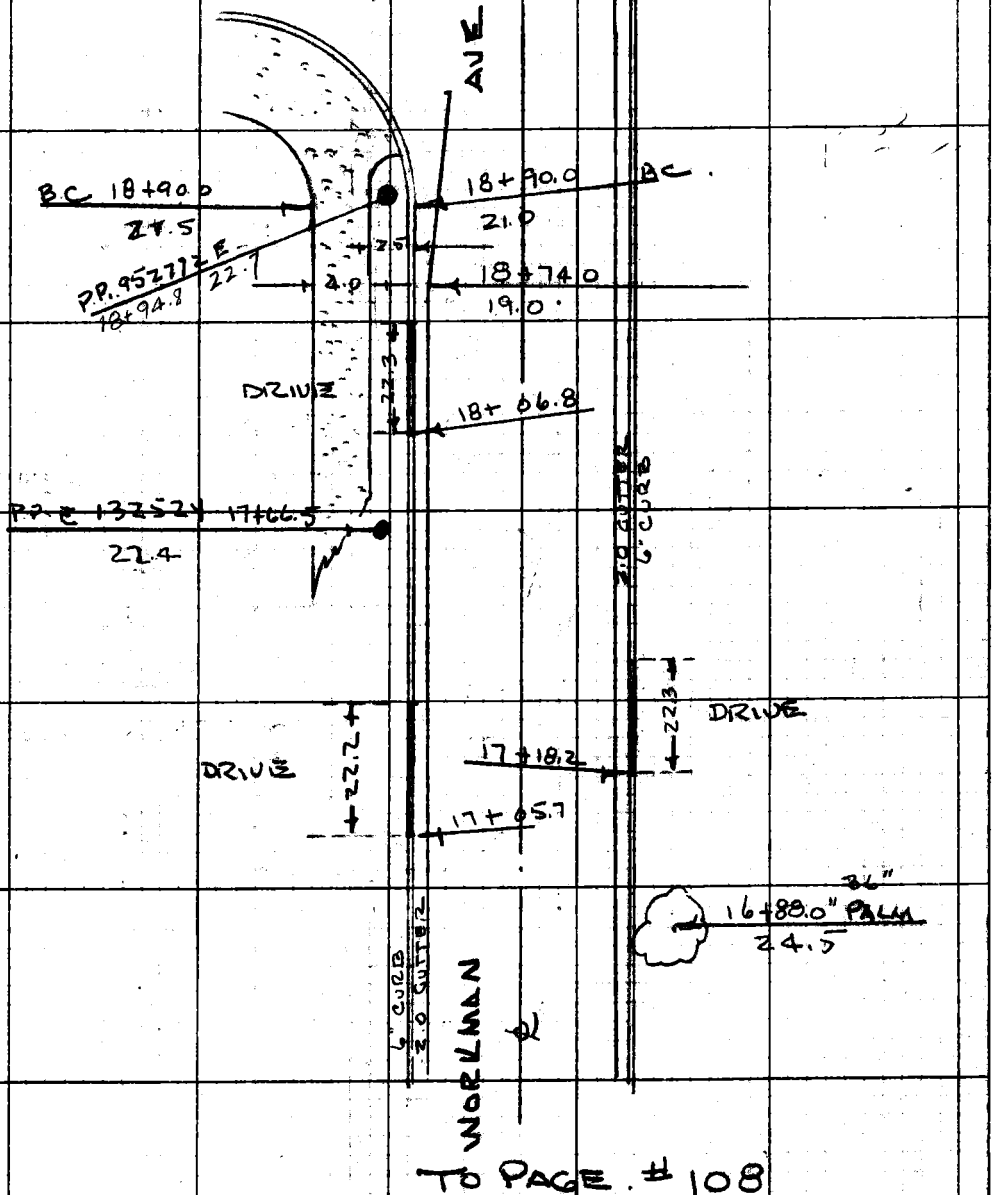
Office Work
Checked
Date

Survey of COVINA AREA
JN 67127 Tape Std °F
Surveyed by E. LANDA
Notes R. SMITH Date 12-70
Indexed GALL JAN 12 71

F. B. 3336 PG. 109

TO PAGE # 110



TO PAGE # 108

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16F309s CE#310 3-69

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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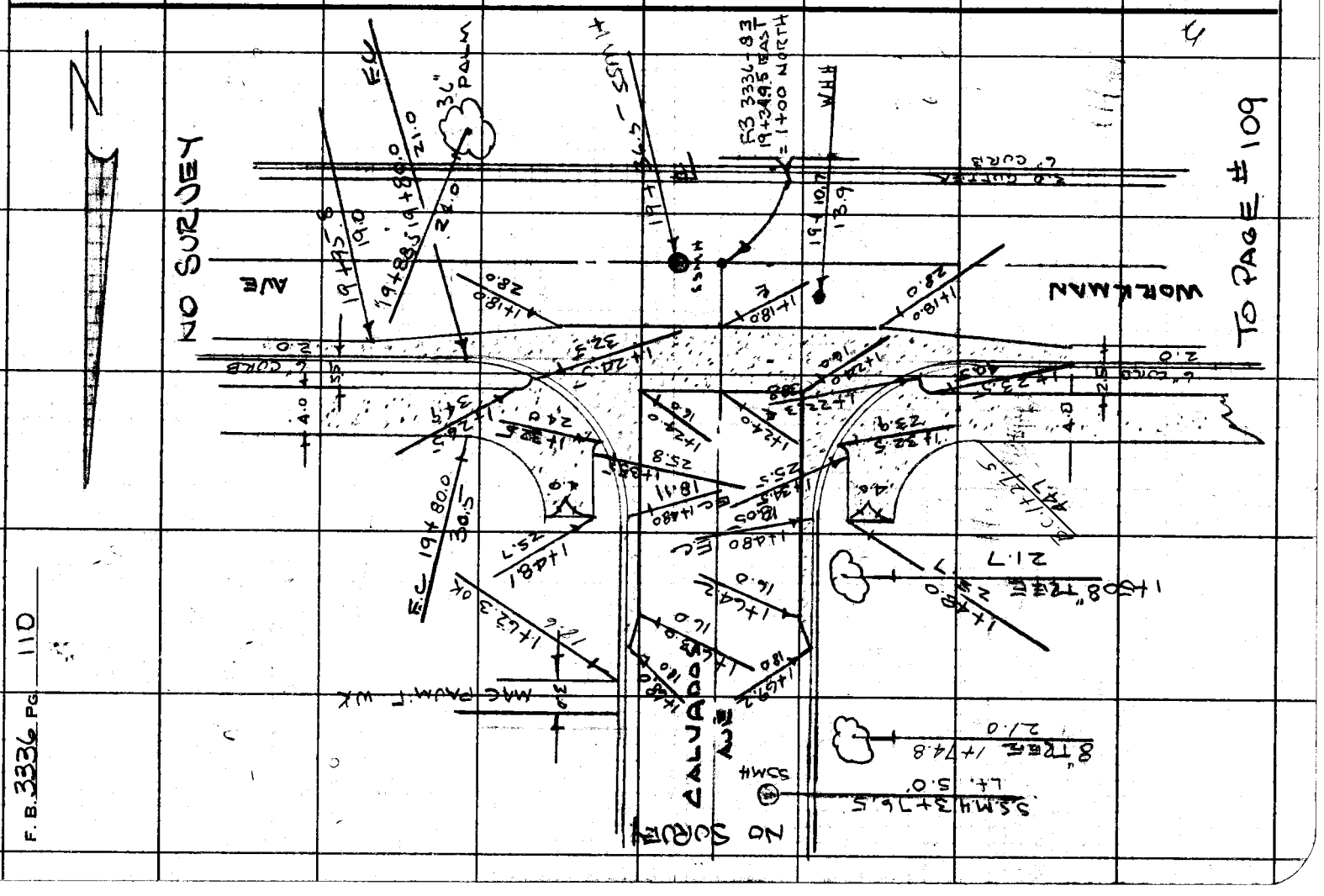


F.B. 3336 PG 110

Profile No.	Notes Red	Plotted	Job No. 6712.68	Division No. 11	F. B. 3554 PG. 111
	Date	Date	Survey of S.D. Proj. 1268		
X-Sec. No.	Notes Chk'd.	Checked	Survey by E. LANDA	Notes E. LANDA	Date 12-70
	Date	Date	Map No.	Indexed [illegible]	Date JAN 12 '71

STORM DRAIN PROJECT 1268
(COVINA AREA)
1970 BOND ISSUE

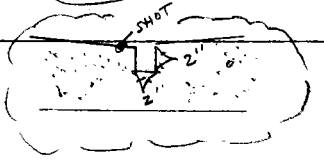
J. N. 6712.68

CROSS - SECTION

ELEV.

NOTE: most X-Gutters in this AREA have a 2" x 2" drain trench (SEE below) ELEV. @ FLOW LINE were taken on top, NOT in trench

F. S.



H. I.

B. S.

STATION

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.		
GOING ELY ALONG SHAMWOOD 1400 E. (SEE Pg. 92 Topog)						
(FND) BM TF 296				478 41	Bm TF 296 EL = 478.412 FB 3336-87	
1+00				478 23		℄ Pav
+15				477 90		℄ 1/4 "
1+24	SSMH			477 60	Rim S.S.M.H.	5' RT
				467 30	8" Inlet South	meas. 9.63 Dia. = .27 10.30 — 477.60 − 10.30 = 467.30
				467 42	8" INLET EAST	meas. 9.51 Dia = .67 10.18 — 477.60 − 10.18 = 467.42
				467 28	8" OUTLET NORTH	meas. 9.65 Dia = .67 10 32 — 477 60 10 32 = 467.28
1+28				477 45		℄ Edge x-Gutt
1+30				477 30		℄ f.l.
1+"				477 18	(f.l. center drain)	30' RT.
1+"				478 14	(T.Cb. " "	" "
1+"				477 98		℄ Top Cb
						℄ " "

F. B. 3336 Pg. 112 Job No. 6712.68 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Proj. 12 Date Date No.
Survey by E. LANDA Notes E. LANDA Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	B. S.	H. I.	F. S.	ELEV.	E'ly ALONG SHAMWOOD	
Con't 1+43.8				47851		
1+43.8				47800		℄ F.L.
+ 45.4				47807		℄ x-Gutt edge
1+57.0				47814		℄ St. center
1 68.7				47801		℄ Apron edge
"				47792	(Brk.)	11° RT apron Cor.
"				47811	23.8 Lf apron angle	
1+71.7				47794		℄ x-gutt
				47777		11° Rt. brk.
				47737		15° " f.L. cent. drain
				47833		15° " T.C.
1+74.2				47801		℄ apron edge
"				47792		11° Rt cor. apron
"				47810	13 Lf cor apron	
1+94				47800		13 RT. end Gutt edge
"				47785		15 " " " f.L
"				47849		15 " T.C.
2+06.9				47847		℄
"				47828	13 Lf gutt edge	
				47816	15 " " f.L.	
				47872	15 " T.C.	

Profile Notes Red ____ Plotted ____ Job No. 6712.08 Division No. 1
No. ____ Date ____ Date ____ Survey of S.O. Proj. 1268
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes E. LANDA Date 12-70
No. ____ Date ____ Date ____ Map No. ____ Indexed G. L. GALL Date 12 71

F. B. 3336 Pg. 113

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	E/Y ALONG	SHAMWOOD
con						
2+46.9				478.71		℄
				478.22		15 Rt. f.L.
				478.79		15 " T.C.
				478.48	15 Lf f.L.	
				479.01	" " T.C.	
3+46.9				479.29		℄
				478.80		15 Rt f.L.
				478.86		" " (Dep. cb.)
				479.00	15 Lf. f.L.	
				479.60	" " T.C.	
4+26.0 SS.M.H.				479.76	Rim. SSMH 5.0 Rt.	
				472.06	8" INLET EAST	meas. = 7.03 479.76 dia = 0.67 − 7.70 7.70 472.06
				472.01	8" OUTLET WEST 479.76 − 7.75 472.01	meas. = 7.08 dia = 0.67 7.75

F. B. 3336 Pg. 114 Job No. 6712.68 Division No. Notes Red Plotted Profile
Survey of S.D. Proj. 1268 Date Date No.
Survey by E. LANDA Notes E. LANDA Notes Chk'd. Checked X-Sec.
Indexed Date 12-70 Date Date No.

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM TF 296				478 41	BM TF 296 (SEE Pg 87) El = 478.412	
					GOING N'LY ALONG HOLLENBECK	
					(SEE Pg. 93 TO Pg)	
1 + 00	N			47824		℄ SEE Pg. 92
"				—		RT - See Pg
"				47813	15 Lf. 1/4 Pav	
				47801	28 " edge gutt	
				47790	30 " f.l. "	
				47880	" " T.C.	
1+32				47847		℄
				47778		27 RT edge
				47765		30 8 " f.l.
				47828		" " TC
1 + 52				47860		℄
				47831		15 RT Pav
				47796		27 RT edge apron
				47780		30 " f.l. "
				47786		32 Btm cb
				47849		" " T.C.
				47894		42' " "
				47843		42' " f.l.
				47845		43 " gutt edge
				47846		57 " Pav. (center)

SER. CO

Profile Notes Red ____ Plotted ____ Job No. 6112.68 Division No. 11 F.B. 3336 Pg. 115
No. ____ Date ____ Date ____ Survey of SO Proj. 1268
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes E. LANDA Date 12-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JAN 12 1

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	N'LY ALONG Hollenbeck Ave	
cont						
1+52				478 29		71' rt gutt. edge
				478 24		72' " " f.L.
				478 81	(THIS shot 12' N. of E.C.)	" " T.C.
2+22				479 08		℄
2+22				478 91		15' Rt. 1/4
"				478 54		27' " edge apron
"				478 35		30 " f.L. "
				478 39		32 btm cb
				479 02		32 T.C.
				479 53		42' " T.C.
				479 05		" " f.L.
				479 05		43 " gutt edge
				478 84		57 " Pav. (ser. RD)
				478 47		71 " edge Gutt
				478 35		72 " f.L. "
				478 98		72 " T.C.
				479 04	15 Lf 1/4 Pav.	
				478 80	28 " Gutt. edge	
				478 74	30 " f.L.	
				479 66	30 " T.C.	
TP				479 57	TP	

F. B. 3336 Pg. 116 6712.68
Job No. Division No. Notes Red Plotted Profile
Survey of S.D. Proj 1268 Date Date No.
Survey by E. LANDA Notes E. LANDA Notes Chk'd. Checked X-Sec.
Indexed Date 12-70 Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	N'LY ALONG HOLLENBECK	
Cont						
2+72 9				479 37		℄
				479 40	15 Lf 1/4	
				479 27	28 " gutt edge	
				479 14	30 " f.L.	
				480 10	" " T.C.	
2+78 2	SSMH			479 11	23 9 RT SSMH Rim (av.)	
				466 57	8" INLET SOUTH	11.87 = MEA 0.67 = DIA. 12.54 479.11 12.54 466 57
				466 56	8" OUTLET NORTH	11.88 MEAS 0.67 = DIA 12.55 479.11 12.55 466.56
3+02				479 66		℄
				479 50		1/4 15 RT
				479 13		28 "
				479 04		30 " f.L
				479 62		30' " T.C.
				480 15		42 " T.C
				479 67		42 " F.L

Profile Notes Red ____ Plotted ____ Job No. 6712 68 Division No. 11 F.B. 3336 Pg. 117
No. ____ Date ____ Date ____ Survey of SD Proj. 1268
X-Sec. Notes Chkd. ____ Checked ____ Survey by E. LANDA Note E. LANDA Date 12-70
No. ____ Date ____ Date ____ Map No. ____ Indexed E. J. GALLI Date ____

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	N'LY ALONG HOLLENBECK	
cm⁻¹						
3+43				479 67		43 Rt Gutt edge
				479 37		57 " Rd Center
				479 18		71 " Gutt edge
				479 04		72 " f.L
				479 67		72 " T.C.
3+32 94 N. = 1+00 W					Inter. Idahome W. ℄	
BmTF 293				480 24	Bm TF 293 (SEE Pg 87) El: 480.24	
	GOING W'LY ALONG IDAHOME				(SEE Pg 94 Topog)	
1+00 W = 3+32 94 N				480 04		℄
1+15				480 04		℄
1+26 7				479 71		℄ edge apron
1+29 7				479 66		℄ f.L. "
1+32 7				479 73		℄ edge
"				479 86		18 Rt Cor apron
"				479 64	18 Lf Cor apron	
1+63 2				480 76		℄
				480 76	Brk	18 5 Rt Gutt edge
				480 67		20 " f.L

F.B. 3334 PG. 118 Job No. 6712.68 Division No. " Notes Red Plotted Profile
Survey of S.D. Proj 1268 Date Date No. X-Sec.
Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked
Indexed Date 12-70 Date Date No.

76-L-298 CE 307 5-66

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Profile Notes Red ____ Plotted ____ Job No. ____ - Division No. ____
No. ____ Date ____ Date ____ Survey of SD Proj 1268
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LANDA Noted E. LANDA Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date JAN 12 71

F. B. 5334 PG. 119

STATION	B. S.	H. I.	F. S.	ELEV.	GOING W'LY ALONG IDAHO LINE	
Cont						
1+63.2				481.28		20 Rt T.C.
				480.24	18.5 Lf South edge	Brk
				480.11	20 " f.L.	
				480.72	20 " T.C.	
1+77	SSMH			480.77	Rim M.H.	5' Rt
				473.11	6" INLET SOUTH	meas. 7.66 480.77 Dia. 0.50 - 7.66 7.66 473.11
				472.80	8" OUTLET WEST	meas. 7.30 480.77 Dia = 0.67 - 7.97 7.97 472.80
1+80.				480.71		℄
				480.52		19 Rt south edge
				480.47		20 " f.L.
				481.10		20 " T.C.
				479.98	19 Lf south edge	
				479.90	20 " f.L.	
				480.57	20 " T.C.	
2+00				480.32		℄

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
cont 2 + 00				480 11		19 Rt edge gutt
				480 06		20 " f.L
				480 68		20 " T.C.
				479 66	19 Lf edge gutt	
				479 62	20 " f.L	
				480 27	20 " T.C.	
	GOING E'LY ALONG IDAHOME					SEE Pg 95
1400 E = 3+52.07 N				480 22		℄
1+15				479 93		℄
1+18.5	SSMH			479 86	5 Lf Rim SSMH (Av.)	
				466 13	8" INLET SOUTH 479.86 − 13.73 466.13	meas. 13.06 Dia = .67 13.73
				466 57	8" INLET EAST 479.86 − 13.29 466 57	12.62 = MEA 0.67 = DIA 13.29
				466.10	8" OUTLET NORTH 479.86 − 13.76 466.10	meas = 13.09 Dia = 0.67 13.76

F. B. 3334 Pg. 120 Job No. 6712.68 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Proj. 1268 Date Date No.
Survey by E. LANDA Notes E. LANDA Notes Chk'd. Checked X-Sec.
Indexed Date 12-70 Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	GOING Ely ALONG Idahome	
cont						
1+28				47951		℄ edge Gutt
1+30				47942		℄ f.L.
"				48004		℄ T.C.
1+44				48035		℄ T.C
"				47987		℄ f.L.
1+45				47988		℄ Gutt edge
1+69				47996		℄ ST CENTER
				47990		℄ apron "
1+72				47983		℄ " f.L.
1+75				47988		℄ " edge
"				47973		13.5 Rt. cor.
"				48008	10' Lf apron ℄	
"				48005	15 " f.L.	
"				48060	15 " T.C.	
2+07.5				48023		℄
				47969		Rt edge gut
				47961		" f.L
				48024		" TC
				48016	15 Lf f.L	
				48074	" " TC	

Rt BC = 1+97.5

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6712.68 Division No. 11 F.B. 3334 Pg. 121
X-Sec. No. ____ Date ____ Date ____ Survey of S.D. Proj 12C8
Notes Chkd. ____ Checked ____ Survey by E. LANDA Note E. LANDA Date 12-70
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date JAN 12 71

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	E'LY ALONG IDAHOME	
B.M.						
2+47				480.46		℄
				479.86		15 Rt f.L
				479.92		" " T.C (dep cb)
				480.35	15 Rt. f.L.	
				480.99	15 " T.C	
3+47				481.02		℄
				481.38		15 Rt f.L
				480.96		" " TC
				480.86	15 Lf FL	
				481.47	15 Lf TC	
3+25.7 Plus ok	S.S. M.H.			480.98	Rim SS.M.H 5° Lf.	
				472.91	8" INLET EAST 480.98 -8.07 472.91	meas = 7.40 dia = 0.67 8.07
				472.90	8" OUTLET WEST 480.98 -8.08 472.90	meas = 7.41 dia = 0.67 8.08

F.B. 3336 PG. 122
Job No. 6712.68 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Proj. 1268 Date Date No. X-Sec.
Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked
Indexed Date 12-70 Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
	GOING N'LY ALONG HOLLENBECK AVE					
			(SEE Pg 95 To pg)			
3+52.07 N.				480 22		℄
3+93				480 51		℄
				480 26		15 Rt 1/4
				479 91		28 " Edge Gut
				479 75		30 " f.L
				480 37		30 " T.L
				480 45	15 Lf 1/4	
				480 28	28 " Edge Gutt	
				480 13	30 " f.L.	
				481 05	30 " T.L.	
5+00				481 12		℄
				480 93		15 Rt 1/4
				480 78		28 " gutt edge
				480 66		30 " f.L
				481 28		30 " T.L

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. C71268 Division No. 11 Survey of S.D. Proj. 1268 Survey by E. LANDA Notes E. LANDA Date 12-70 Map No. Indexed C. J. GALLI Date JAN 12 '71

F.B. 3334 Pg. 123

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	N'LY ALONG Hollenbeck	
cm						
5 + 00				481 05	15 Lf	
				480 78	28 " Edge Gutt	
				480 69	30 " f.L	
				481 59	30 " T.C	
5 + 59.6				481 56		℄
				481 49		15 Rt 1/4
				481 27		28 " gutt. edge
				481 10		30 " f.L.
				481 70		30 " T.C.
5 + 64.3				481 62		℄
				481 47	15 Lf 1/4	
				481 08	28 " gutt edge	
				481 00	30 " f.L.	
				481 93	30 " T.C	
6 + 26.93				482 24		℄ Inter
6 + 27	S.S.M.H.			482 24	Rim SS M.H. @ Inter. of Workman	
				465 26	12" INLET NORTH	meas = 15.98, dia = 1.00, 16.98 — 482.24 − 16.98 = 465.26
				464 27	24" INLET EAST	meas = 15.97, dia = 2.00, 17.97 — 482.24 − 17.97 = 464.27

cont

F.B. 3336 Pg. 124 Job No. 6712.68 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Proj 1268 Date Date No. X-Sec.
Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked
Indexed Date 12-70 Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	N'LY ALONG	Hollenbeck
cont 6+27	SSMH (cont)			465 17	8" INLET SOUTH 482.24 -17.07 465.17	meas = 16.40 dia = 0.67 17.07
				464 24	24" OUTLET WEST 482.24 -17.98 464.24	meas = 15.98 dia = 2.00 17.98
6+86				48284	℄	
				48266	15' Lf 1/4	
				48238	28' " gutt edge	
				48235	30' " f.L.	
				48300	30' " T.C.	
6+93				48293	℄	
				48282		15' Rt 1/4
				48252		28' " gutt edge
				48233		30' " f.L.
				48297		30' " T.C
7+33				48339	℄	
				48315		15 rt 1/4
				48290		28 " gutt edge
				48272		30 " f.L
				48335		30 " T.C

Profile No. ____ Notes Red ____ Plotted ____ Job No. C712.68 Division No. 11 F.B. 3354 Pg. 125
Date ____ Date ____ Survey of S.D. Proj. 1268
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by E. LANDA Notes E. LANDA Date JAN 2 '71
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

76-L-298 CE 307 2-63

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F.B. 33334 PG. 126 | Job No. 6712 68 | Division No. 11 | Notes Red | Plotted | Profile
Survey of SD. Rd. 1268 | Date | Date | No. | X-Sec.
Survey by E. LANDA | Notes E. LANDA | Notes Chkd. | Checked | No.
Indexed | Date 12-70 | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	N'LY ALONG Hollonbeck	
7+33				48316	15 Lf Pav	
				48292	28 " goth edge	
				48282	30 " F.L.	
				48346	30 " T.C	
8+33				48[illegible]		&
				48[illegible]16		15 et Pav.
				48384		28 " goth edge
				48365		30 " F.L
				48432		30 " T.C
				48422	15 Lf. Pav.	
				48387	28 " goth edge	
				48375	30 " F.L.	
				48438	30 " T.C	

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
GOING W'LY ALONG WORKMAN AVE (SEE Pg 98 TOPOG.)						
1+00 W = 6+26.93 N.				48224	INTER	℄ Workman & Hollenbeck
1+15				481.96		℄ 1/4 St.
1+26.7				48150		℄ edge apron
+29.7				48143		℄ f.L.
+32.7				48145		℄ edge apron
				48182		20.2 Rt cor "
				48137	20.2 Lf cor apron	
1+70				48202		℄
				48237		10.0 Rt 1/4
				48242		19.1 " edge gutt
				48234		21.1 " f.L
				48299		21.1 " T.C.
				48168	11.2 Lf 1/4	
				48164	20.9 " Gutt edge	
				48143	23.9 " f.L	
				48206	23.0 " T.C.	

NOTE: FLOW DRAINS W'LY (SEE OVER)

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6712.68 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of S.D. Proj. 1268
Notes Chkd. ____ Checked ____ Survey by E. LANDA Notes E. LANDA Date 12-70
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JAN 12 '71

F.B. 3336 Pg. 127

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	GOING W'ly	ALONG WORKMAN
cm						
2+25				48162		℄
				48189		10.5 Rt 1/4
				48189		19 " Edge gutt
				48172		21 " F.L.
				48238		21 " T.C
				48126	11.5 Lf 1/4	
				48099	21 " Edge gutt	
				48084	23 " F.L.	
				48148	23 " T.C.	

F.B. 3334 Pg. 128 Job No. 6712.68 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Proj. 1268 Date Date No. X-Sec.
Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked No.
Indexed Date 12-70 Date Date

76-L-298 CE 307 2-63

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Profile Notes Red____ Plotted____ Job No. 6712 Ed Division No. 11
No. X Sec. Date____ Date____ Survey of S.D. Proj. 1267
No.____ Notes Cked.____ Checked____ Survey by E. LANDA Noted LANDA Date 12-70
Date____ Date____ Map No.____ Indexed C.J. GALL Date JAN 12 71

F.B. 3336 PG. 129

STATION	B. S.	H. I.	F. S.	ELEV.		
					(SEE Pg 98 TOPOG)	
					GOING E'LY ALONG WORKMAN AVE	
1+00 E. = C+26.93 N.						℄
+15				482.18		℄ Pav.
+27				481.94		℄ x-gutt edge
+30				481.85		℄ f.c.
+33				481.93		℄ x-gutt edge
)				481.79		19 ℄ cor. x-gutt
)				482.12	19 ℄ cor. x-gutt	
1+76				483.46		℄
				483.23		10 ℄ Pav.
				482.00		19 " gutt edge
				482.46		21 " f.c.
				483.04		21 " T.C.
				483.20	10 ℄ Pav.	
				482.78	19 " gutt edge	
				482.57	21 " f.c.	
)				483.19	21 " T.C.	

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	E'/Y ALONG	WORKMAN
2+18.1				484.02		℄
				483.88	10 Lf	
				483.45	19 "	
				483.25	21 "	
				483.85	21 "	
2+51.59 E=440 N.				484.36		℄
				484.03		10 Rt
				483.35		19 "
				483.20		21 "
				483.85		21 "
2+82				484.59		℄
				484.42	10 Lf	
				484.10	19 "	
				483.95	21 "	
				484.01	21 " T.C (dep cb)	

Cont

F.B. 3336 PG. 130 Job No. 6712 68 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Proj 1268 Date Date No. X-Sec.
Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked No.
Indexed Date 12-70 Date Date

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		GOING E'ly ALONG WORKMAN				
3 + 36				485 09		℄
				484 98	10 cf	
				484 64	19 "	
				484 52	21 "	
				485 11	21 "	
3 + 85.3	SSMH			485 50	Rim SSMH	℄
				468 25	8" INLET NORTH 485.50 −17.25 468.25	meas = 16.58 dia = 0.67 17.25
				467 20	24" INLET EAST 485.50 18.30 467.20	meas = 16.30 dia = 2.00 18.30

cont

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F.B. 3336 Pg. 131
No. ____ Date ____ Date ____ Survey of S.D. Proj. 1268
X-Sec. Notes Chkd. ____ Checked ____ Survey by E. LANDA Notes E. LANDA Date 12 70
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JAN 12 71

F.B. 3336 PG. 132 Job No. 671268 Division No. 11 Notes Red ____ Plotted ____ Profile

Survey of S.D. Proj 1268 Date ____ Date ____ No. ____

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

Indexed ____ Date 12-70 Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.		
con +						
3+85.3	SSMH					
				467.11	24" OUTLET WEST	
					485.50 − 18.39 = 467.11	
						Meas = 16.39 dia = 2.00 = 18.39

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
	GOING E'LY ALONG WORKMAN AVE (SEE TOPOG Pg 100)					
3+87.99 E				48555	Inter	℄ Midsite & Workman
"				48514		10 Rt
				48459		19 " G.E.
				48451		21 " f.L
				48515		21 " T.C
4+ 39.7				48606		℄
				48600	10 Lf Pav.	
				48568	" Gutt edge	
				48552	" f.L.	
				48615	" T.C.	
5+00				48672		℄
				48629		10 Rt Pav
				48583		19 " gutt edge
				48563		21 " f.L
				48569		21 " dep ch
				48667	10 Lf Pav	
				48619	19 " gutt edge	
				48609	21 f.L	
				48677	21 T.C	

Profile Notes Red ____ Plotted ____ Job No. 6712.68 Division No. 11
No. ____ Date ____ Date ____ Survey of S.D. Proj. 1268
X-Sec. Notes Chkd ____ Checked ____ Survey by E. LANDA Note E. LANDA Date 12-10
No. ____ Date ____ Date ____ Map No. ____ Indexed C. L. GALLI Date JAN 12 '71

F.B. 3336 Pg. 133

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	E'LY along	Workman Av
Cont						
5+88.0				487.51		℄
				487.38	10 Lf Pav	
				486.97	19 " gutt edges	
				486.79	21 " f.L	
				487.42	21 " TC	
6+37.6	SSMH			487.75	Av. Rim SSMH	℄ {Pg 102 Topog}
				471.04	8" INLET NORTH 487.75 16.71 471.04	meas = 16.04 dia = 0.67 16.71
				469.82	24" INLET EAST 487.75 − 17.93 469.82	meas = 15.93 dia = 2.00 17.93
				469.80	24" OUTLET WEST 487.75 17.95 469.80	meas = 15.95 dia = 2.00 17.95
6+40.79				487.80	Inter	℄

F.B. 3336 PG. 134 Job No. 6712.68 Division No. Notes Red Plotted Profile
Survey of S.D. Proj. 1268 Date Date No. X-Sec.
Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked
Indexed Date Date No.

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
GOING E'ly ALONG WORKMAN (SEE Topog Pg 102)						
6+40.79				487 80	INTER	℄
				487 48		10' Rt
				486 90		19' "
				486 73		21 "
				486 81		21 " (dep cb)
6+ 92.8				488 20		℄
				488 09	10 Lf Pav	
				487 80	19 " gutt	
				487 64	21 " f.l.	
				488 30	21 " T.C.	
8+00				489 22		℄
				488 95		10 Rt
				488 13		19 " gutt edge
				487 95		21 " FL
				488 57		21 " TC
				489 02	10 Lf	
				488 59	19 " Gutt edge	
				488 49	21 " f.l.	
				488 58	21 " (dep cb)	

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 6712.68 Division No. 11 Survey of S.D. Pav Survey by E. LANDA Notes E. LANDA Date 12-70 Map No. Indexed C. J. GALLI Date JAN 12 71

F.B. 3336 Pg. 135

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	E'ly along	WORKMAN
cont						
8+84.8				489.89		℄
				489.69	10 Lf	
				489.29	19 "	
				489.14	21 " [illegible]	
				489.76	21 " T.C.	
9+38.3	SSMH.			490.35	Rim SSMH.	℄
				474.09	8" INLET NORTH 490.35 16.26 474.09	MEAS 15.59 dia = 0.67 16.26
				472.95	24" INLET EAST	meas 15.40 dia = 2.00 17.40 490.35 −17.40 472.95
				472.95	24" OUTLET WEST 490.35 17.40 472.95	MEAS = 15.40 dia = 2.00 17.40

F.B. 3336 PG. 136

Survey of S.D. Proj. 1268 Job No. C712.C8 Division No. Notes Red Plotted Profile

Survey by E. LANDA Notes E. LANDA Date Date No. X-Sec.

Indexed Date 12-70 Notes Chkd. Checked Date No.

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
	GOING E'LY ALONG WORKMAN (SEE Pg 104 TO pg					
9+39.76 E.				490 35	Intor	℄
				490 04		10 rt Pav.
				489 24		19 " gutt edge
				489 06		21 " f.L
				489 71		21 " TC
9+94.8				490 83		℄
				490 68	10 Lf Pav.	
				490 28	18 2 " gutt edge	
				490 16	21 " f.L.	
				490 78	21 " TC	
11+00				491 92		℄
				491 66		10 rt Pav
				490 74		19 " Gutt
				490 68		21 " f.L
				491 28		21 " TC
				491 72	10 Lf	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6712.68 Division No. 11 F.B. 3336 Pg 139
X-Sec. No. ____ Date ____ Date ____ Survey of S.P. Proj 1268
Notes Chkd. ____ Checked ____ Survey by E. LANDA Notes E. LANDA Date 12-70
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JAN 12 71

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	E'LY ALONG Workman Ave.	
Cont.						
11 + 00				491 30	19 Lf gutt edge	
				491 17	21 " F.L.	
				491 79	21 " TC	
12 + 18 c				493 21	CENTER - LINE	
				493 02	10 PAV.	
				492 59	18 8 Lf gutt edge	
				492 41	21 " FL	
				493 05	21 " T.C.	
12 + 70 8	SSMH			493 65	Rim SSMH ℄	
				477 90	8" INLET NORTH 493.65 − 15.75 477.90	MEAS = 15.08 DIA = 0.67 15.75
				476.44	24" INLET EAST 493.65 −17.21 476.44	MEAS. = 15.21 DIA = 2.00 17.21
				476 36	24" OUTLET WEST	MEAS = 15.29 DIA = 2.00 17.29 493.65 17.29 476.36
12+73 c ℄	E			493 70	INTER ℄	

F.B. 3336 Pg. 138 | Job No. C712.68 | Division No. 11 | Notes Red | Plotted | Profile
Survey of S.D. Prs 1208 | Date | Date | No. | X-Sec.
Survey by E. LANDE | Notes E. LANDE | Notes Chkd. | Checked | No.
Indexed | Date 12-70 | Date | Date | No.

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		GOING E'LY ALONG WORKMAN AVE (SEE TOPOG Pg. 106)				
12+73.64 E				49370		℄
				49345		10 Rt Pav.
				49253		19 " gutt edge
				49236		21 " f.l.
				49300		21 " T.C.
13+28 E				49413		℄
				49408	10 Lf Pav	
				49370	19 " gutt edge	
				49354	21 " f.l.	
				49419	21 " T.C.	
14+00				49482		℄
				49449		10 Rt. Pav.
				49373		19 gutt edge
				49360		21 f.l.
				49425		21 T.C.

cont.

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 6712.68 Division No. 11 Survey of S.D. Proj. 1268 Survey by LANDA Notes LANDA Date 12-70 Map No. Indexed C. L. GALLI Date JAN 12 '71

F.B. 3336 PG. 139

76-L-298 CE 307 2-63

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F.B. 3336 PG. 140

Job No. 6712.68 Division No. 11 Notes Red Plotted Profile
Survey of S.D. P.C. 12.68 Date Date No.
Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	E'ly along	workman
Cont						
14+00				49465	10 Lt Pav	
				49440	19 " gutt. edge	
				49420	21 " F.L.	
				49382	21 " T.C	
15+46.3				49636		L
				49617	10 Lt Pav	
				49585	19 " gutt. edge	
				49565	21 " F.L	
				49530	21 " T.C	
15+77				49639		L
				49631		10 Lt Pav
				49596		19 " gutt edge
				49554		21 " F.L
				49612		21 " T.C
16+01.33 E.				49687	ENTER	L

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		GOING E'LY ALONG WORKMAN AVE				Topog SEE Pg 108
16+01 33	E'ly			496 87	Inter. ℄	
16+03 7	SSMH			496 94	RIM av. SSMH ℄	
					496.94 − 15.86 = 481.08	meas = 15.19, Dia. + = 0.67, 15.86
				481 08	8" INLET NORTH	
				479 94	2 ft± INLET EAST	meas = 15.05, dia± + = 1.95, 17.00
					496.94 − 17.00 = 479.94	
				481 07	8" INLET SOUTH	meas. = 15.20, dia = 0.67, 15.87
					496.94 − 15.87 = 481.07	
				479 94	2 ft± OUTLET WEST	meas. = 15.07, dia = 1.93, 17.00
					496.94 − 17.00 = 479.94	

cont

Profile No. ___ Notes Red ___ Plotted ___ Job No. 6712.08 Division No. 11 F.B. 3336 PG. 141
Date ___ Date ___ Survey of S.D. Pr'l
X-Sec. No. ___ Notes Chkd. ___ Checked ___ Survey by E. LANDA Note E. LANDA Date 12-70
Date ___ Date ___ Map No. ___ Indexed C. J. GALL Date 12-71

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STATION	B.S.	H.I.	F.S.	ELEV.	E'ly along	WORKMAN
con						
16+53.3				49732		℄
				49713		10 Rt Pav.
				49675		19 " gutt edge
				49660		21 " F.L.
				49722		21 " T.C.
16+56.3				49734		℄
				49716	10 Lf Pav.	
				49680	19 " gutt edge	
				49663	21 " F.L.	
				49729	21 " T.C.	
18+00				49840		℄
				49830		10 Rt Pav.
				49799		19 " gutt edge
				49784		21 " F.L.
				49847		21 "
				49813	10 Lf Pav.	
				49796	19 " gutt edge	
				49784	21 " F.L.	
				49849	21 " T.C.	

F.B. 3334 PG. 142 Job No. 6712 68 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Proj 1268 Date Date No. X-Sec.
Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked
Indexed Date 12-70 Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	GOING E'ly ALONG WORKMAN	
cont						
18+80°				49907		℄
				49893	10 Lf	
				49867	19 "	
				49851	21 "	
				49915	21 "	
19+34.95	E.			49955	INTER	℄ {Pg. 110 Topo}
				49931		10 Rt.
				49902		19 "
				49885		21 "
				49950		21 "
19+36.5	SSMH			49958	Rim AV. SSMH	℄
				48447	8" INLET NORTH	{meas = 14.44, dia = 0.67, 15.11; 499.58 − 15.11 = 484.47}
				48338	2 ft ± INLET EAST	{meas = 14.28, dia = 1.92, 16.20; 499.58 − 16.20 = 483.38}
				48328	2 ft OUTLET WEST	{meas = 14.30, dia = 2.00, 16.30}

499.58
− 16.30
483.28

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 6712.68 Division No. 11 Survey of S.D. Proj. Survey by E. LANDA Note E. LANDA Date 12-70 Map No. Indexed G. J. GALLI Date JAN 12 71

F.B. 3336 Pg. 143

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	E'ly ALONG	WORKMAN AVE
Cont						
19+90				50007		℄
				41988	10 Lf Pav.	1
				49952	19 " Gutt edge	
				49945	21 " f.L	
				50006	21 " T.C.	
21+00				50102		℄
				50026		10 Rt
				50041		19 " gutt edge
				50031		21 " f.L.
				50091		21 " T.C
				50080	10 Lf	
				50049	19 " gutt edge	
				50036	21 " f.L	
				50099	21 " T.C	
		(END of WORKMAN AVE)				

F.B. 3336 PG. 144 Job No. 6712 68 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Proj 1268 Date Date No. X-Sec.
Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked
Indexed Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
		GOING N'ly ALONG ALLEY				TO DOC SEE Pg 99
1+00N				484 36		℄
+10				484 21		℄
+19				483 81		℄
+21				483 65		℄
+33²				484 34		℄
				484 62		10 rt btm cb
				484 67		" " top "
				484 38	10' Lf btm cb	
				484 47	10' " top "	
1+43				484 44		℄
				484 70		10 rt
				484 61	10 Lf.	
1+83				484 49		℄
				484 59		10 rt
				484 60	10 Lf	
cont						

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6712.68 Division No. 11 F. B. Pg. 145
Date ____ Date ____ Survey of S.D. Proj. 1268
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by EL Notes EL Date 12-70
Date ____ Date ____ Map No. ____ Indexed G. L. GALL Date 12 71

F.B. 3336 PG. 146 Job No. 671268 Division No. 11 Notes Red ____ Plotted ____ Profile

Survey of S.D. Proj. 1268 Date ____ Date ____ No. ____

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

Indexed ____ Date 12-70 Date ____ Date ____ No. ____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	N'LY ALONG	ALLEY
Cont 2+83				48486		
				48508		
				48505	10 Lt	
						℄ 10 Rt

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
	GOING N'LY ALONG MIDSITE AVE					SEE Pg 100 Topog
1+00 N=3+87 E				485 55	INTER	℄
1 + 10				485 43		℄ 1/4
1 + 18				485 15		℄ x-Gutt edge
1 + 21				485 05		℄ f.L (av)
1+ 24				485 12		℄ x-Gutt edge
				485 25		13 Rt cor. Gutt
				485 05	13 Lf. cor. Gutt	
1+50	SSMH			485 47	Rm S.S.M.H	Lf 4.5
				477 42	8" INLET NORTH 485.47 − 8.05 477.42	meas = 7.38 dia = 0.67 8.05
				477 32	8" OUTLET SOUTH 485.47 − 8.15 477.32	meas. = 7.48 dia = 0.67 8.15

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F.B. 3336 Pg. 147
X-Sec. No. ____ Date ____ Date ____ Survey of S.D. Proj. 1268
Notes Chkd. ____ Checked ____ Survey by E. LANDA Notes E. LANDA Date 12-70
Date ____ Date ____ Map No. ____ Indexed E. GALL Date ____

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	N'LY ALONG MIDSITE	
cont						
1+58				48560		℄
				48532		13.8 Rt Gutt edge
				48519		15 " f.L
				48585		15 " T.C
				48518	13.8 Lf Gutt edge	
				48505	15 " f.L	
				48565	15 " T.C.	
1+98				48584		℄
				48543		14 Rt Gutt edge
				48532		15 " F.L
				48595		15 " T.C
				48548	14 Lf gutt edge	
				48540	15 " f.L	
				48597	15 " T.C	
2+98				48618		℄
				48579		14 Rt gutt edge
				48568		15 Rt f.L.
				48629		15 " T.L
				48576	14 Lf Gutt edge	
				48564	15 " f.L	
				48573	15 " T.C (dep cb)	

F.B. 3336 Pg. 148 Job No. 2712.C8 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Proj. 1268 Date Date No. X-Sec.
Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked No.
Indexed Date 12-70 Date Date

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
	GOING N'LY ALONG FIRCROFT AVE					(SEE Pg 102 to pag
1+00 N.				487 80		℄
1+10				487 68		℄
1+18				487 42		℄ edge x-gutt
+21				487 34		℄ f.l.
+24				487 40		℄ edge x-gutt
				487 48		13 Rt cor "
				487 30	Lf 13' cor. gutt	
1+50 SSMH				487 75	5° Lf. SSMH (AV. RIM)	
				478 90	8" INLET NORTH	MEAS = 8.18 (487.75 dia = 0.67 8.85 8.85 (478.90
				478 86	8" OUTLET SOUTH 487.75 8.89 478.86	MEAS = 8.22 dia = 0.67 8.89

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6712.68 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of S.D. Proj. 1268
Notes Chkd. ____ Checked ____ Survey by E. LANDA Notes E. LANDA Date 12-71
No. ____ Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

F.B. 3336 PG. 149

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	N/Y ALONG FIRCROFT	
1+58				48782		℄
				48761		13.8 rt gutt edge
				48742		15 " f.L
				48808		15 " T.C
				48739	13.8 Lf gutt edge	
				48737	15 " f.L	
				48790	15 " T.C.	
1+98				48802		℄
				48766		14.0 rt gutt edge
				48754		15 " f.L
				48817		15 " T.C
				48762	14 Lf. edge gutt	
				48755	15 " f.L	
				48817	15 " T.C	
2+98				48831		℄
				48793		14 rt
				48786		15 "
				48793		" " (dep cb)
				48792	14 Lf gutt edge	
				48784	15 " f.L	
				48848	15 " T.C	

F.B. 3334 PG. 150

Job No. 6712.68 Division No. " Notes Red Plotted Profile

Survey of S.P. Proj. 1268 Date Date No. X-Sec.

Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked No.

Indexed Date 12-70 Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
GOING N'LY ALONG ALBERTSON AVE (SEE Pg. 104 TOPOG)						
1+00 N	=9+39.76 E			49035	INTER	℄
+10				49015		℄
+17.8				48972		℄ x-gutt edge
-20.8				48967		℄ f.l. au
23.8				48971		℄ x-gutt edge
"				48985		16 rt cor gutt
"				48956	16 Lf cor gutt	
1+58.0				49030		℄
				49024		16.9 Rt gutt edge
				49017		18 " f.l
				49079		18 " T.C
				48962	16.9 Lf gutt edge	
				48955	18 " F.L.	
				49019	18 " TC	
1+98.0				49055		℄
				49035		17 rt

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6712.68 Division No. 11
Date ____ Date ____ Survey of S.D. Proj. 1268
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by E. LANDA Note E. LANDA Date 12-70
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date 12-71

F.B. 3336 Pg. 131

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	N'ly ALONG ALBERTSON	
1+98				49030		18° rt f.L
				49095		18° " T.C
				48980	17 Lf	
				48974	18 " FL	
				49038	18 " TC	
2+98				49088		℄
				49058		17 rt gutt edge
				49054		18 " f.L
				49118		18 " TC
				49008	17 Lf gutt edge	
				49002	18 " f.L	
				49067	18 " TC	
3+01²	SS MH			49092	SS MH Rim (AV.) ℄	
				482.52	8" INLET NORTH 490.92 -8.40 482.52	MEAS = 7.73 DIA = 0.67 8.40
				482.35	8" OUTLET SOUTH 490.92 -8.57 482.35	MEAS = 7.90 DIA = 0.67 8.57

F.B. 3336 PG. 152 Job No. 6712.68 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Proj 1268 Date Date No. X-Sec.
Survey by LANDA Notes LANDA Notes Chkd. Checked
Indexed Date 12-70 Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
	GOING N'LY ALONG ALDENVILLE AVE					TOP 09 SEE PG 106
1+00 N = 12+73.64 E				49370	INTER.	℄
1+10				49348		"
1+17.8				49321		" edge x-gutt
1+20.8				49312		" f.L
1+23.8				49321		" edge x-gutt
" "				49336		16 Rt cor x-gutt
" "				49306	16 Lf cor x-gutt	
1+58				49344		℄
				49354		16.3 rt gutt. edge
				49340		18 " f.L
				49405		18 " T.C
				49307	16.3 Lf gutt edge	
				49295	18 " f.L.	
				49357	18 " T.C.	
1+98				49341		℄
				49362		17 rt gutt edge
				49351		18 "
				49414		18 "

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. 11
Date ____ Date ____ Survey of S.D. Proj 1268
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by E. LANDA Note E. LANDA Date ____
Date ____ Date ____ Map No. ____ Indexed G. J. GALL Date JAN 13 '77

c 712.68

F.B. 3356 Pg. 153

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	N'Y ALONG ALDENVILLE	
Cont						
1 + 98				493.12	17 Lf. gutt. edge	
				493.02	18 " f.L.	
				493.67	18 " T.C.	
2 + 43.5	SSMH			493.72	5.0 Lf. Rim m.H.	
				484.75	8" INLET NORTH 493.72 − 8.97 484.75	MEAS = 8.30 DIA = 0.67 8.97
				484.65	8" OUTLET SOUTH 493.72 − 9.07 484.65	MEAS = 8.40 DIA = 0.67 9.07
2 + 98				493.84	℄	
				493.84		17 Rt. gutt edge
				493.73		18 " f.L.
				494.39		18 " T.C.
				493.33	17 Lf. gutt edge	
				493.21	18 " f.L.	
				493.84	18 " T.C.	

F.B. 3336 Pg. 154 Job No. 6712.68 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Proj 1268 Date Date No.
Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked X-Sec.
Indexed Date 12-70 Date Date No.

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
		GOING NORTH ALONG FENIMORE AVE				TO PAG SEE Pg 108
1+00 N.				49687	Inter	℄
1+10				49664		℄
1+18				49626		℄ x-gutt edge
				49612		℄ f.l.
				49620		℄ edge
				49638		16° Rt cor x-gutt
				49608	16° Lf cor x-gutt	
1+58 40				49701		℄
				49679		16° Rt gutt edge
				49662		18 " f.l.
				49725		18 " T.C.
				49634	16° Lf	
				49620	18 "	
				49683	18 "	
1+98				49732		℄
				49690		18 Rt btm. cb
				49746		18 " Top "

Profile Notes Red ____ Plotted ____ Job No. 6712.68 Division No. 11
No. ____ Date ____ Date ____ Survey of S.D. Proj. 1268
X-Sec. Notes Chkd. ____ Checked ____ Survey by E. LANDA Notes E. LANDA Date 12-70
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3336 Pg. 155

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	GOING N'LY along FENIMORE AVE	
1+98				49664	18' Lf Btm cb	
				49716	18 " Top "	
2+98				49778	℄	
				49734		18 Rt
				49790		18 Rt
				49708	18 Lf btm cb.	
				49757	18 " Top "	
3+00	SSMH			49774	5° Lf. Rim SSMH.	
				48941	8" INLET NORTH 497.74 − 8.33 489.41	MEAS = 7.66 0.67 8.33
				48921	8" OUTLET SOUTH 497.74 8.53 489.21	MEAS 7.86 0.67 8.53

F.B. 3334 PG. 156

Job No. 6712.68 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Proj. 1268 Date Date No.
Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked X-Sec.
Indexed Date 12-70 Date Date No.

76-L-298 CE 307 2-63

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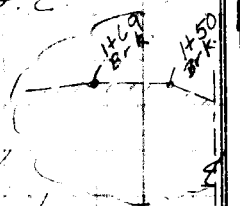
STATION	B. S.	H. I.	F. S.	ELEV.		
		GOING S'ly ALONG FENIMORE				TO POG SEE Pg 108
1+00				49687		℄ Inter
+10				49668		℄ Pav
+18				49629		℄ edge
+21				49622		℄ f.L.
±24				49635		℄ edge
"				49623		13 Rt cor x-Gutt
"				49643	13 Lf. cor x-Gutt	
1+50				49703		℄ Brk
					NOTE: FLOW	Runs S'ly from brk
				49679		13 Rt gutt edge
				49658		15 " f.L.
				49695		15 " T.C
				49705	13 Lf gutt edge	
				49688	15 " f.L	
				49724	15 " T.C	
1+69				49702		℄ Brk
				49665		15 Rt. btm cb
				49708		" " Top cb



Profile No. ____ Notes Red ____ Plotted ____ Job No. 67[illegible] Division No. ____ F.B. 3336 Pg. 157
X-Sec. No. ____ Date ____ Date ____ Survey of S.D. Proj 1268
Notes Chkd. ____ Checked ____ Survey by E. LANDA Note E. LANDA Date 12-70
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date 12 71

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	GOING S'LY ALONG FENIMORE	
cont						
1+69				496.65	15 Lf. btm cb.	
				497.06	15 " top "	
2+25				495.34		℄
				495.11		15 Rt btm cb
				495.69		" " top "
				495.01	15 Lf btm cb	
				495.60	" " Top "	

F.B. 3336 Pg. 42 158 Job No. 6712.68 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Proj. 1268 Date Date No. X-Sec.
Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked No.
Indexed Date 12-70 Date Date

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
		GOING N'LY ALONG CALVADOS AVE				TOPOG SEE Pg 110
1+00	N.			49955	INTER	℄
+10				49943		
+18				49917		
+21				49910		
±24				49913		
"				49929		16 Rt Cor x-gutt
"				49904	16 Lf. Cor x-gutt	
1+58				49969		℄
				49935		16 Rt. gutt edge
				49925		18 " f.L
				49988		18 " T.C
				49890	16 Lf gutt edge	
				49881	18 " f.L.	
				49945	18 " T.C	
1+98				49981		℄
				49951		18 Rt btm cb
				50006		18 " Top "

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6712.68 Division No. 11 F.B. 3336 Pg. 159
Date ____ Date ____ Survey of S.D. Proj. 1268
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by E. LANDA Notes E. LANDA Date 12-70
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date 12-71

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	N'LY ALONG	CALVADOS AVE
con't						
1 + 98				499.13	18 Lf btm cb	
				499.66	18 " top "	
2 + 98				500.37		℄
				500.16		18 Rt
				500.73		18 "
				499.79	18 Lf	
				500.34	18 "	
3 + 76.5	SSMH			500.70	5 Lf. Rim SSMH	
				492.90	8" INLET NORTH 500.70 7.80 492.90	7.13 = MEAS 0.67 = DIA 7.80
				492.85	8" OUTLET SOUTH 500.70 − 7.85 492.85	7.18 = MEAS. 0.67 = DIA. 7.85

F.B. 3336 PG. 160 Job No. 6712 68 Division No. 11 Notes Red Plotted Profile
Survey of S.D. Proj 1268 Date Date No. X-Sec.
Survey by E. LANDA Notes E. LANDA Notes Chkd. Checked
Indexed Date 12-70 Date Date No.

F. B. 3336 PG. 161

NOTES RED. _____ JOB NO. _____ SURVEY OF Altadena Storm Drain
DATE _____ SURVEY BY Burkholder
NOTES CHKD. _____ NOTES BY D.L.B. DATE 2-10-71
DATE _____ INDEXED [redacted] GALLI DATE [redacted] 1 [redacted]

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
J.N. 6012.63						
STORM DRAIN PROJECT #1263						
ALTADENA AREA						
Bench Levels						
See pg # 165 for ℄						
	Burkholder McCall Kabler Scherb					

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768420 S & E-353 4-54

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
(Fd) BM.BY5062	1146.189				1146.189	BM BY-5062, 1970 Adj. El. = 1146.189, Pasadena Quad.
+	6.829		7.078			Rd. Dept. BM Tag 17'± E. & 63'± So. of ℄ Int. Sierra
⊼	1153.018	+ 1.597	+ 1.595			Bonita Ave. & New York Dr. (Per Rd. Dept.)
-	5.232		5.483			
(Fd) BM BY-5063	1147.786				1147.787	BM. BY 5063, 1970 Adj El. = 1147.789 Pasadena Quad.
+	5.607		5.705			L & Spk S. Cb. 3'± W. of BCR 18'± So. & 36'± W. ℄ Int.
⊼	1153.393	+ 0.732	+ 0.734			Sierra Bonita Ave & New York Dr. Mkd. "C29 BM"
-	4.875		4.971			
(Set) BM. SD 825	1148.518				1148.520	BM. SD825, Adj. El. = 1148.520 F.B. 3336-162
+	5.626		5.743			New York Dr. So. side 500'± W. of Sierra
⊼	1154.144	+ 0.653	+ 0.652			Bonita Ave. Spk in Ld. In Cb. @ Hse # 1500
-	4.973		5.091			Mkd. "C 30 BM"
R	1149.171				1149.175	
+	7.211		7.287			
⊼	1156.382	+ 0.925	+ 0.925			
-	6.286		6.362			
(Set) BM. S.D. 826	1150.096				1150.101	BM. S.D. 826 Adj. El. = 1150.101 F.B. 3336-162
+	4.768		4.884			℄ Int. New York Dr. & Hill Ave. A Std.
⊼	1154.864	- 1.336	- 1.336			C.S. Mon. In H.H. w/Lid.
-	6.104		6.220			
(Set) BM S.D. 827	1148.760				1148.767	BM. S.D. 827 Adj. El. = 1148.767 F.B. 3336-162
+	10.004		10.153			Int. New York Dr. & Hill Ave. S.E. Cor.
⊼	1158.764	+ 7.473	+ 7.472			30'± So. of So. Cb. ret. A Bt. Spk. In Ld.
-	2.531		2.681			
R	1156.233				1156.241	
+	8.736		8.807			
⊼	1164.969	+ 5.690	+ 5.692			
-	3.046		3.115			
(Set) B.M. S.D. 828	1161.923				1161.932	B.M. S.D. 828 Adj. El. = 1161.932 F.B. 3336-162
						Hill Ave. & Morada Pl. (E) S.E. Cor. 4'± Sof S.C.R. Spk in Ld.

JOB NO. 6012.63 SURVEY OF Altadena Storm Drain NOTES RED.
SURVEY BY Burkholder DATE R.P. SHORT
NOTES BY D.L.B. DATE 2-71 NOTES CHKD. 3-3-71
INDEXED [illegible] DATE DATE

F.B. 3336 PG. 162

76S420 S & E-353 4-54

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. S.D. 828 (Set)	1161.923				1161.932	B.M. S.D. 828 Adj. El. = 1161.932
+	5.281		5.394			See pg# 162 for description
⊼	1167.204	+ 2.606	+ 2.605			
−	2.675		2.789			
B.M. S.D. 827 (Set)	1164.529				1164.540	B.M. S.D. 829 Adj. El. = 1164.540 F.B. 3336-163
829	7.709		7.743			Hill Ave. & Morada Pl. (West) S.W. Cor. L&T
⊼	1172.238	+ 6.597	+ 6.596			12' S. of S. C.R.
−	1.112		1.147			
R	1171.126				1171.138	
+	8.459		8.561			
⊼	1179.585	+ 3.655	+ 3.658			
−	4.804		4.903			
R	1174.781				1174.794	
+	1.750		1.863			
⊼	1176.531	− 9.799	− 9.799			
−	11.549		11.662			
R	1164.982				1164.997	
+	0.356		0.304			
⊼	1165.338	− 11.586	− 11.584			
−	11.942		11.888			
BM. BY 5065 (Fd)	1153.396				1153.412	BM. BY-5065, 1970 Adj. El. = 1153.412
						Pasadena Quad, Spk. S. Cb. 3'± W BCR. 15'±
						S. & 29'± W & Int. Holliston Ave & New York
						Dr. (Mkd. BM-10)

NOTES RED. JOB NO. 6012.63 SURVEY OF Altadena Storm Dr.
DATE R.P. SURVEY BY Burkholder
NOTES CHKD. S. SHORT NOTES BY R.B. DATE 2-71
DATE 3-3-71 INDEXED [illegible] DATE [illegible]

F.B. 3336 PG. 163

F. B. 333 Pg. 164

JOB NO. 6012.63 SURVEY OF Altadena S.D. NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 2-71 NOTES CHKD.
INDEXED DATE DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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766420 S & E-353 4-54

Notes Ck'd by	Survey of Altadena S.D. #1263
Map No.	JN 6012.63 Tape 9242 Std 68 °F
Office Work	Surveyed by Burkholder
Checked R. P. SHORT	Notes D.L.B. Date 2-71
Date 3-3-71	Indexed [illegible] MAR 1 '71

F.B. 3336 Pg. 165

J.N. 6012.63

ALTADENA STORM DRAIN #1263

℄

Burkholder
McCall
Kabler
Scherb

See pg# 161 for Bench Levels
See pg# 171 for Topography
See pg# 181 for Cross-Sections

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76P3098 CE #310 5-66

F.B. 3336 Pg. 166

INDEX

AVE

MORADA (170)

(170) PL.

HILL

(169) NEW YORK DR (168)

SIERRA BONITA AVE

WOODBURY RD. (167)

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W.S. 44 A-1

Notes Ck'd by	Survey of Altadena S.D. 1263
Map No.	JN 6012.63 Tape 2292 Std 68 °F
Office Work	Surveyed by Burkholder
Checked R. P. SHORT	Notes D.L.B. Date 2-71
Date 3-3-71	Indexed R. GALLI MAR 1 71

F. B. 3336 PG. 167

To Bot Pg# 168

471.92

AVE

COUNTY SURVEYOR

R.E. 63

Fd. L&T, walk
F.B. 1513-48

49.77

Int.
Fd. Std C.S. Mon.
Mkd as shown
F.B. 1513-48

WOODBURY

15.29

18.69

Fd. L&T
F.B. 1513-48

RD

47.81

Fd. L&T, walk
F.B. 1513-48

SIERRA BONITA

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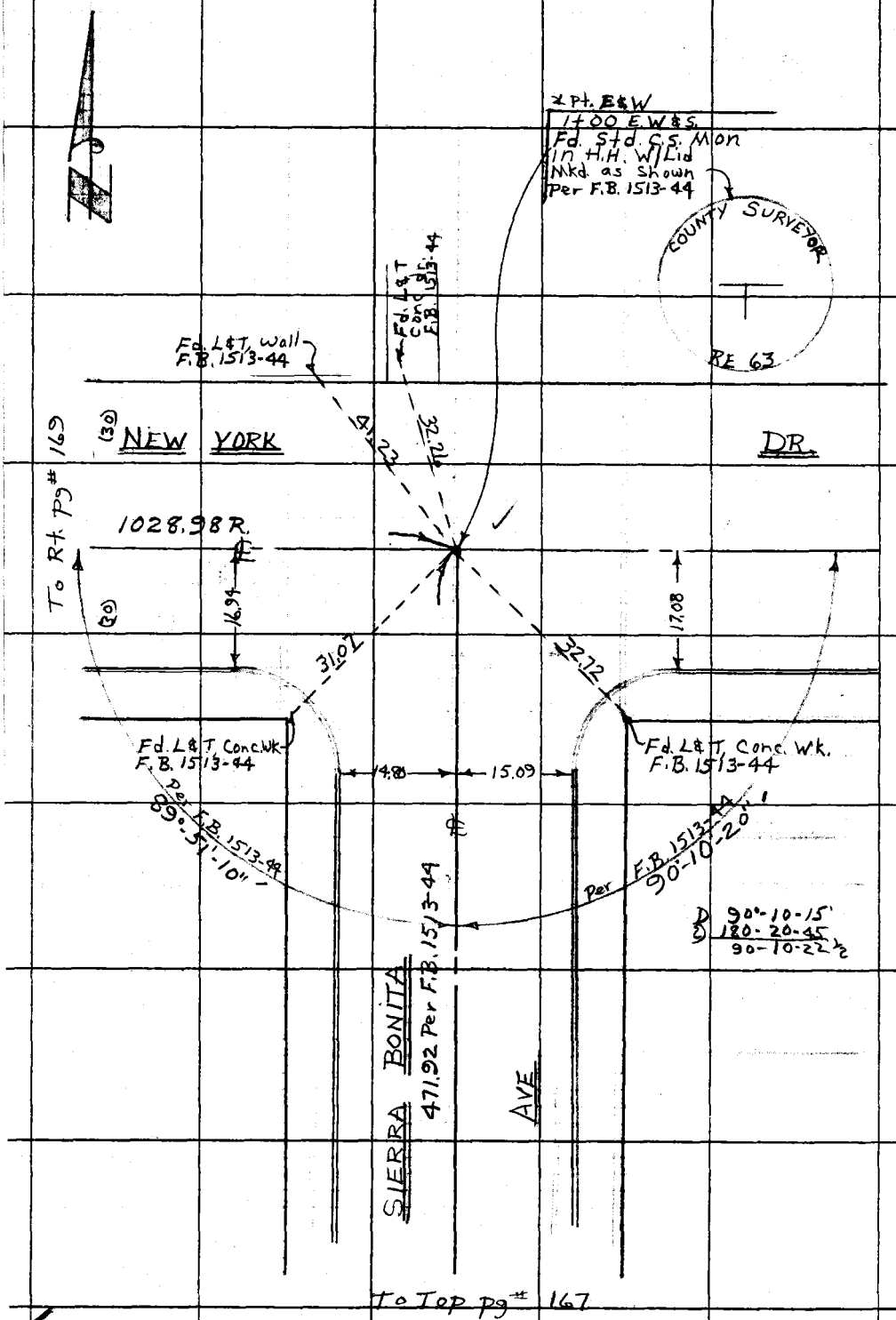
16F309S CE#310 3-69

F. B. 3336 PG. 168



WS 88 C-7

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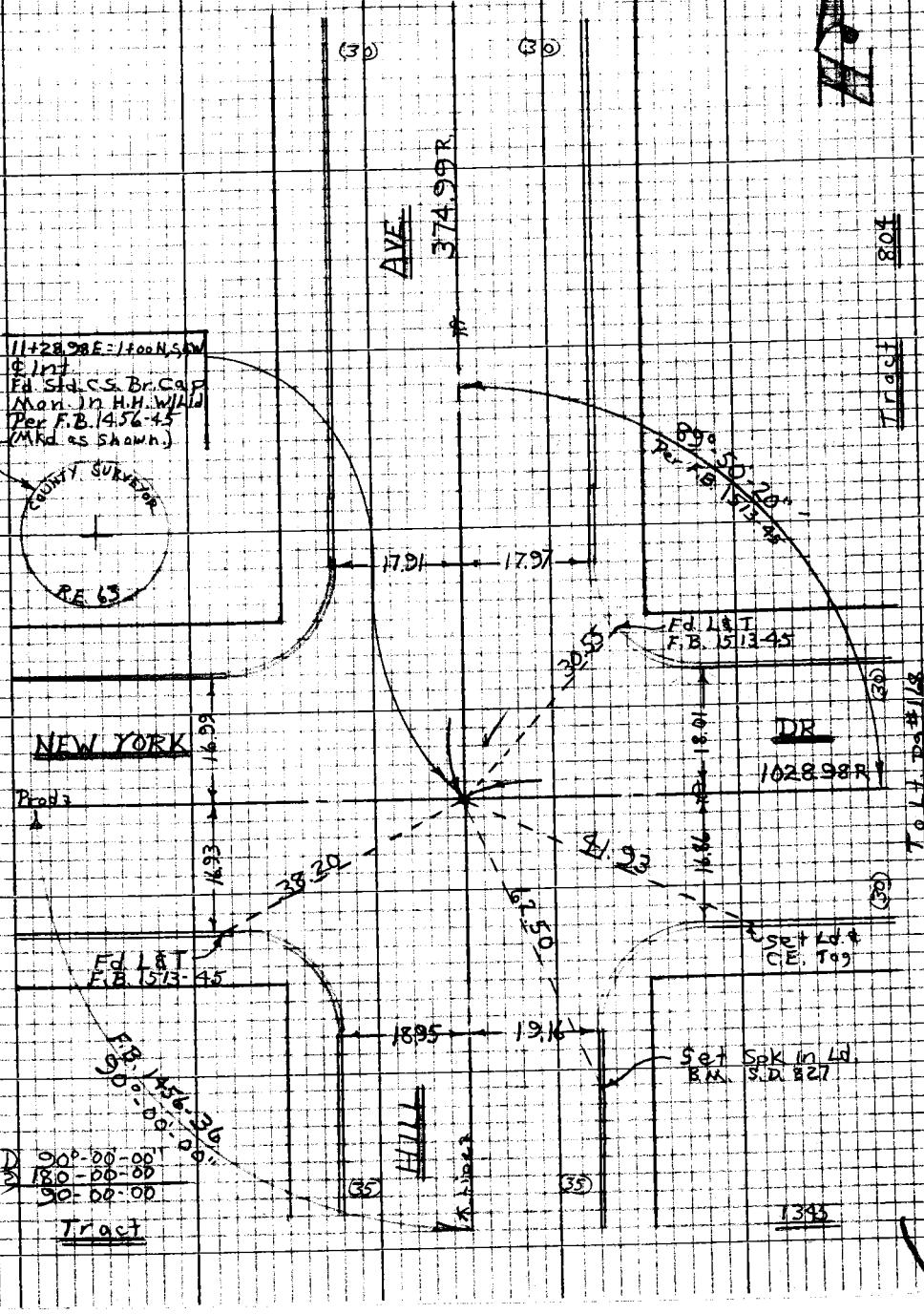
Notes Ck'd by	Survey of Altadena S.D. #1263
Map No.	JN 6012.63 Tape 0242 Std 68 °F
Office Work	Surveyed by Burkholder
Checked R. P. SHORT	Notes D.L.B. Date 2-71
Date 3-3-71	Indexed G. J. GALLI MAR 1 '71

F.B. 3336 Pg. 169

W.S. 88, C-7

To Bot. pg #170



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76P3098 CE #310 8-66

To Top Pg # 169

WS 88 C-7

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Notes Ck'd by	Survey of Altadena S.D. # 1263
Map No.	JN 6012.63 Tape 9242 Sta 68 °F
Office Work	Surveyed by Burkholder
Checked	Notes McCall Date 2-71
Date	Indexed [redacted] GALLI MAR 1 [redacted]

F.B. 3336 Pg. 171

J.N 6012.63

ALTADENA STORM DRAIN

PROJECT # 1263

Location of Improvements

See pg # 181 for Cross-sections

Burkholder
McCall
Kabler
Scherb.

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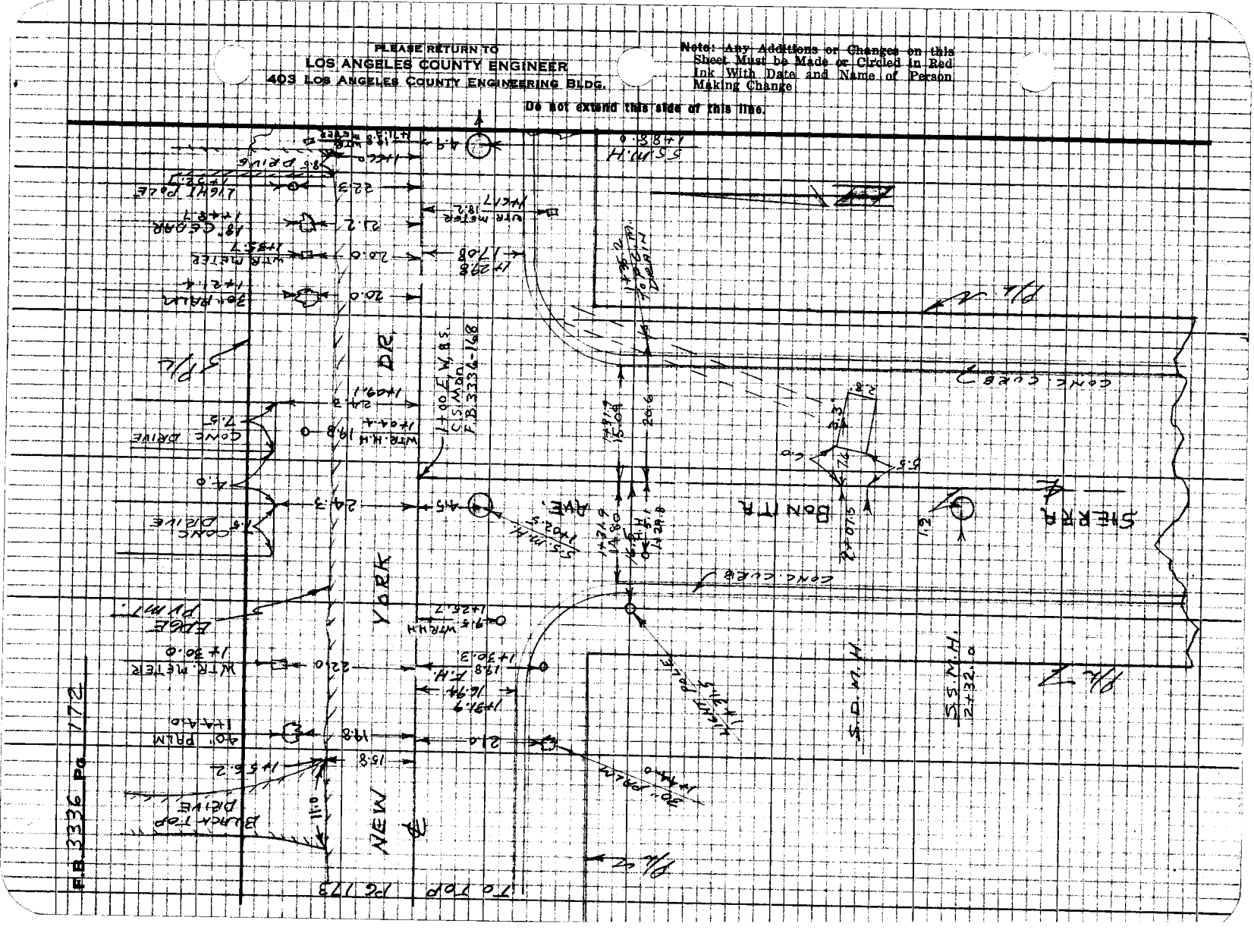
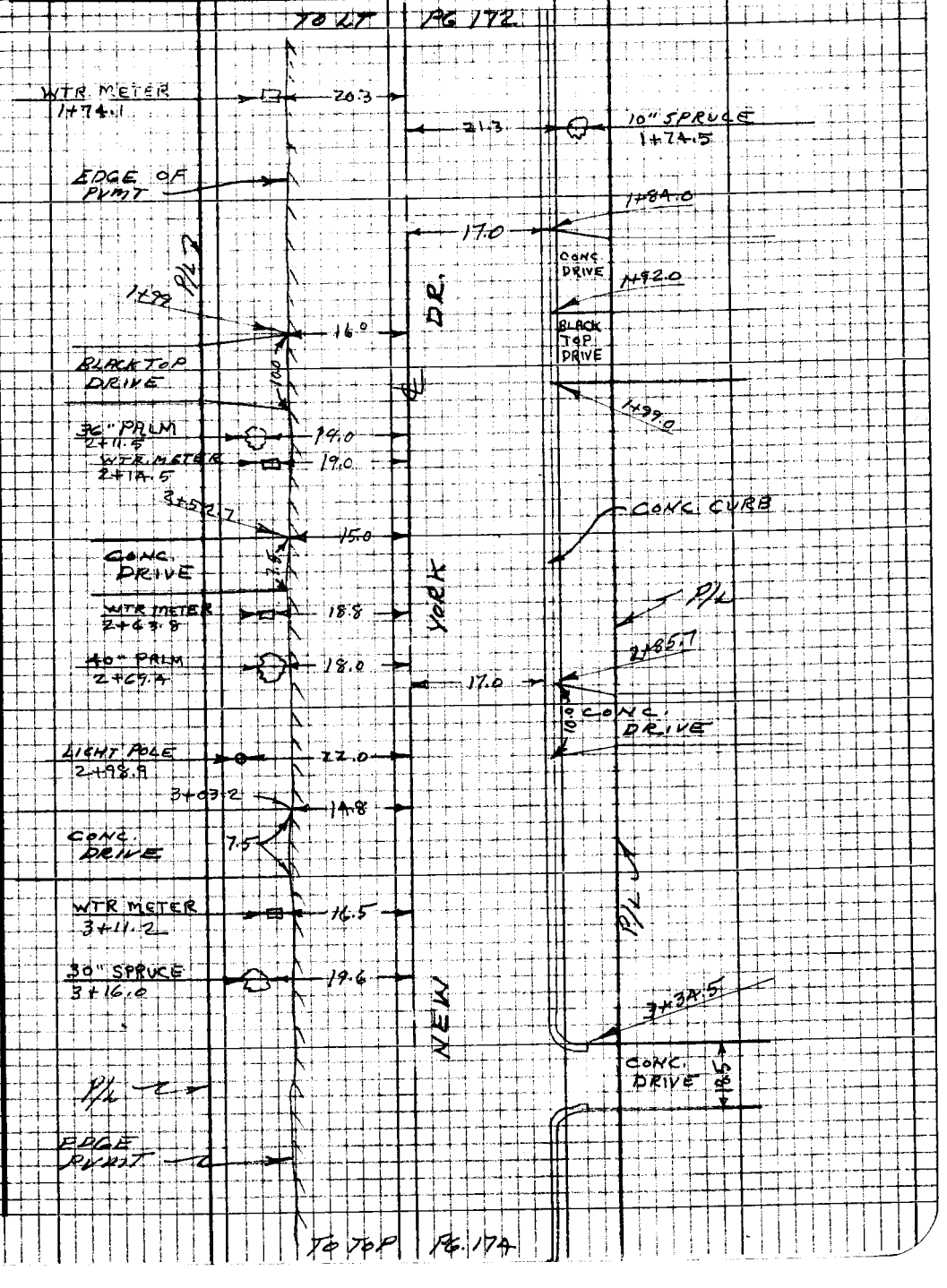


Notes Ck'd by	Survey of Altadena SD 1263	F.B. 3336 Pg. 173
Map No.	JN 60/2/63 Tape Std °F	
Office Work	Surveyed by Burkholder	
Checked	Notes J.P.M. Date 2-71	
Date	Indexed [illegible]	



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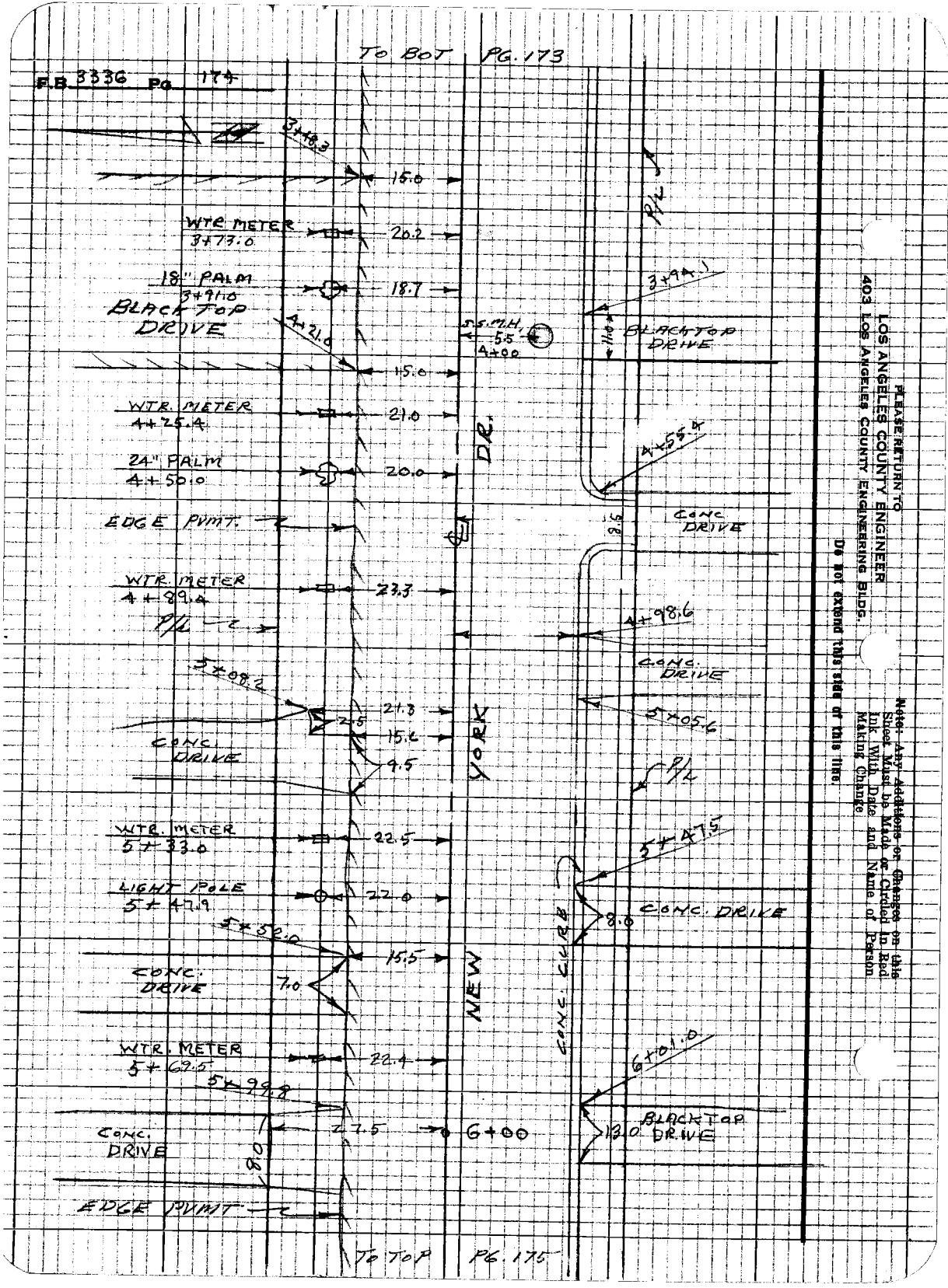
76P3098 CE #310 5-68



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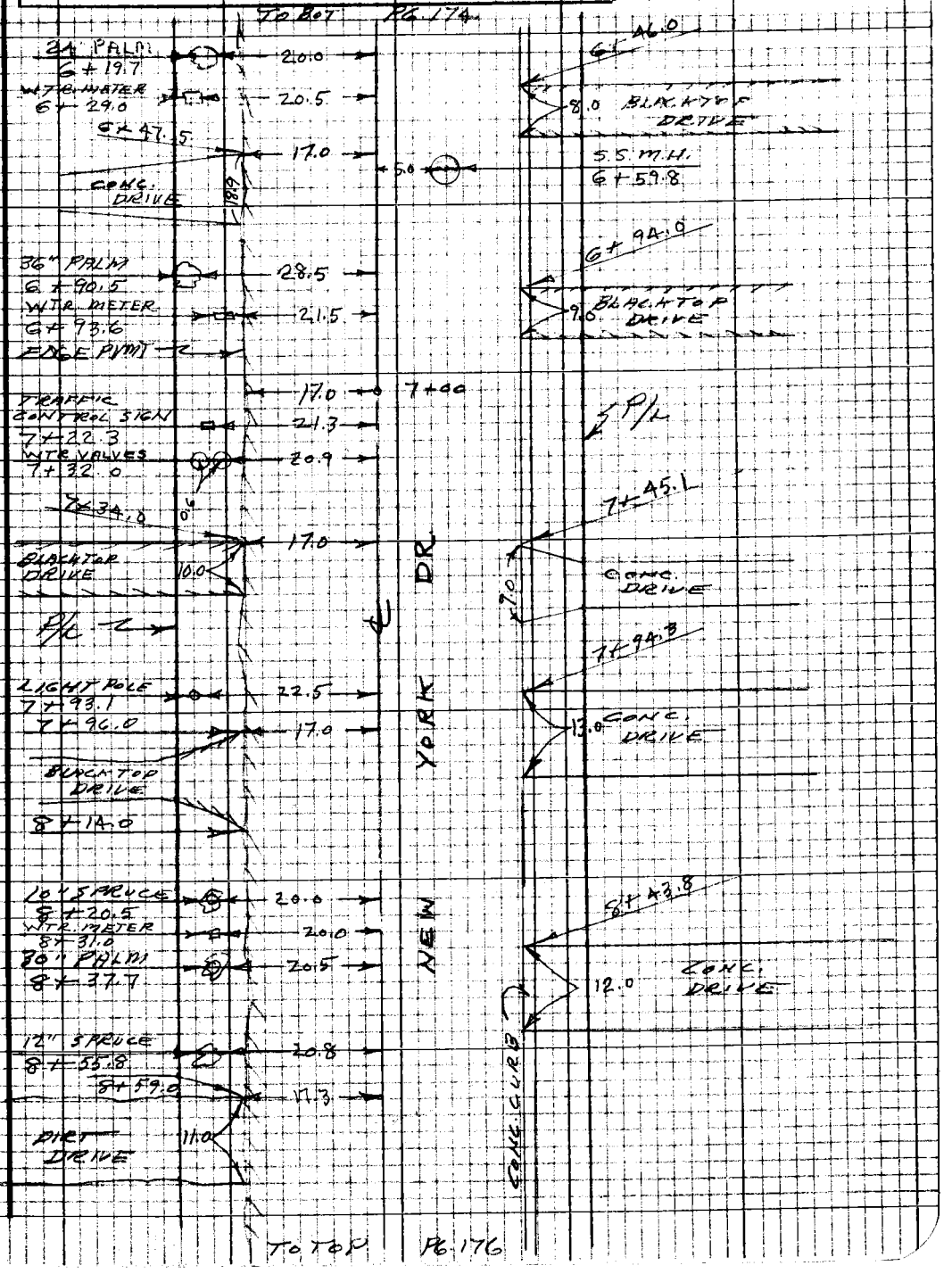
Notes Ck'd by	Survey of Altadena S.D. #1263
Map No.	JN 601263 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes J.P.M. Date 2-71
Date	Indexed [illegible]

F.B. 3336 Pg 175



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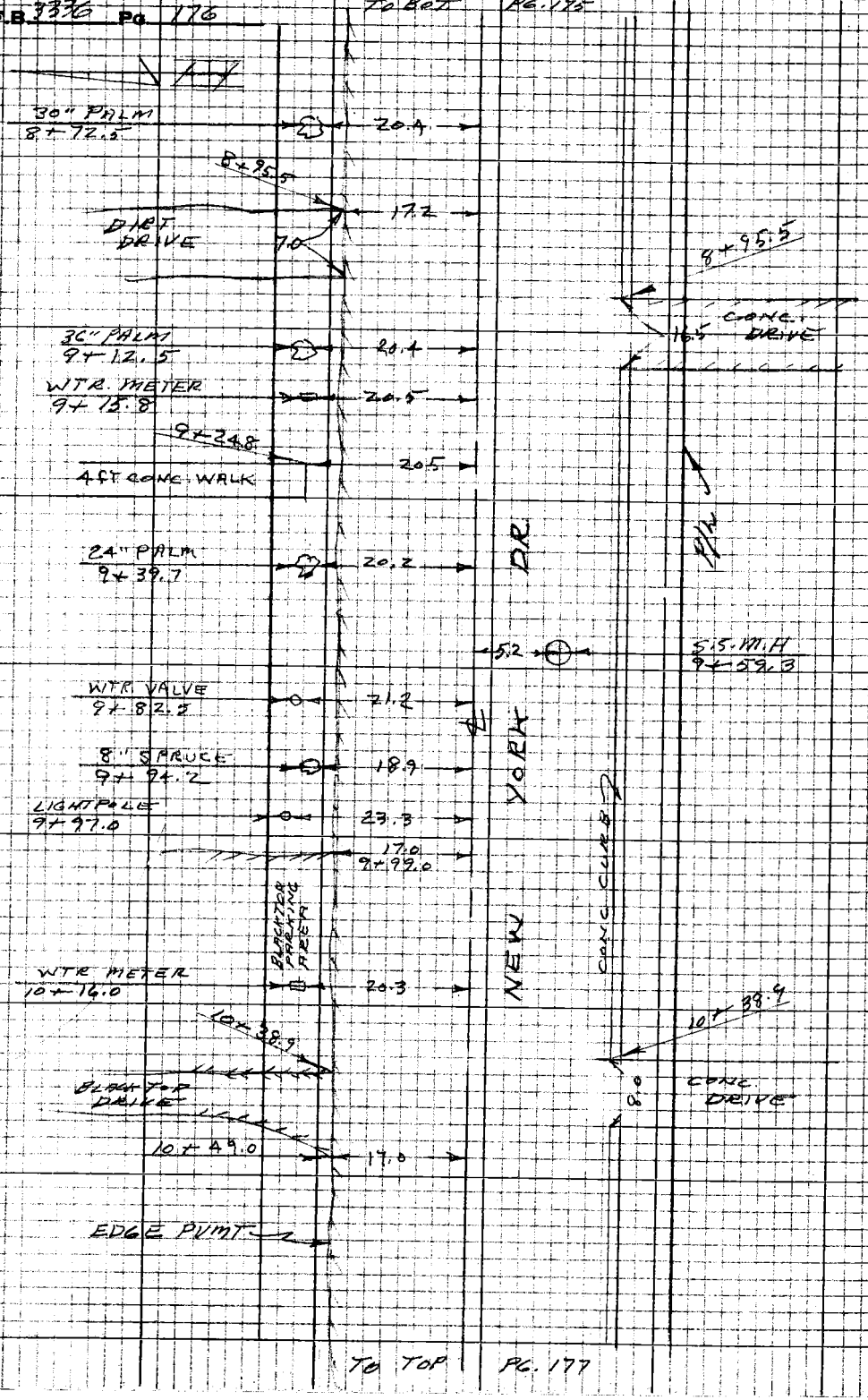
76P3095 CK #310 5-66

F.B. 3376 Pg. 176



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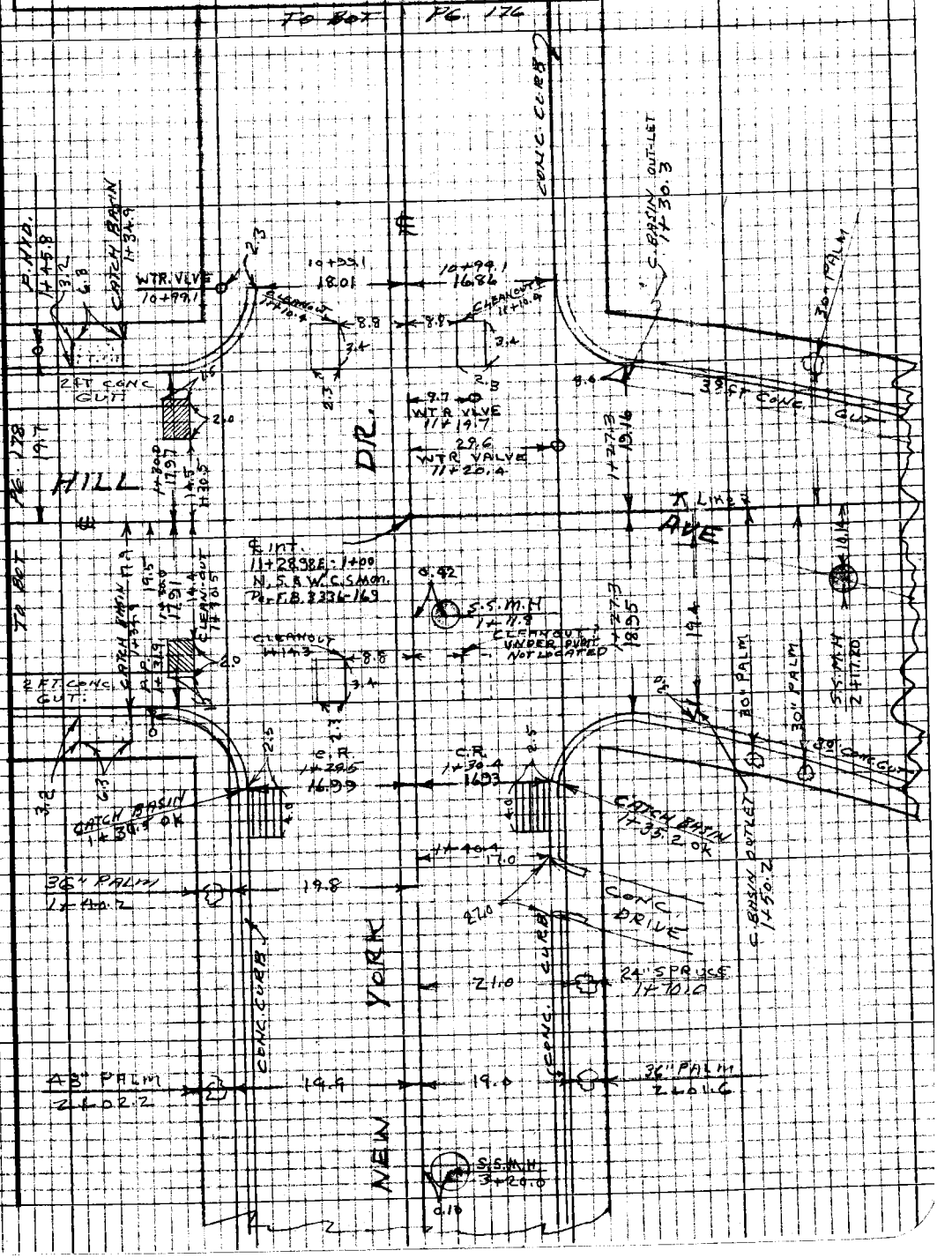
Notes Ck'd by	Survey of Altadena S.D. #1263	F.B. 3336 Pg. 177
Map No.	JN 6012.63 Tape Std. °F	
Office Work	Surveyed by Burkholder	
Checked	Notes J.P.M. Date 2-71	
Date	Indexed [illegible]	



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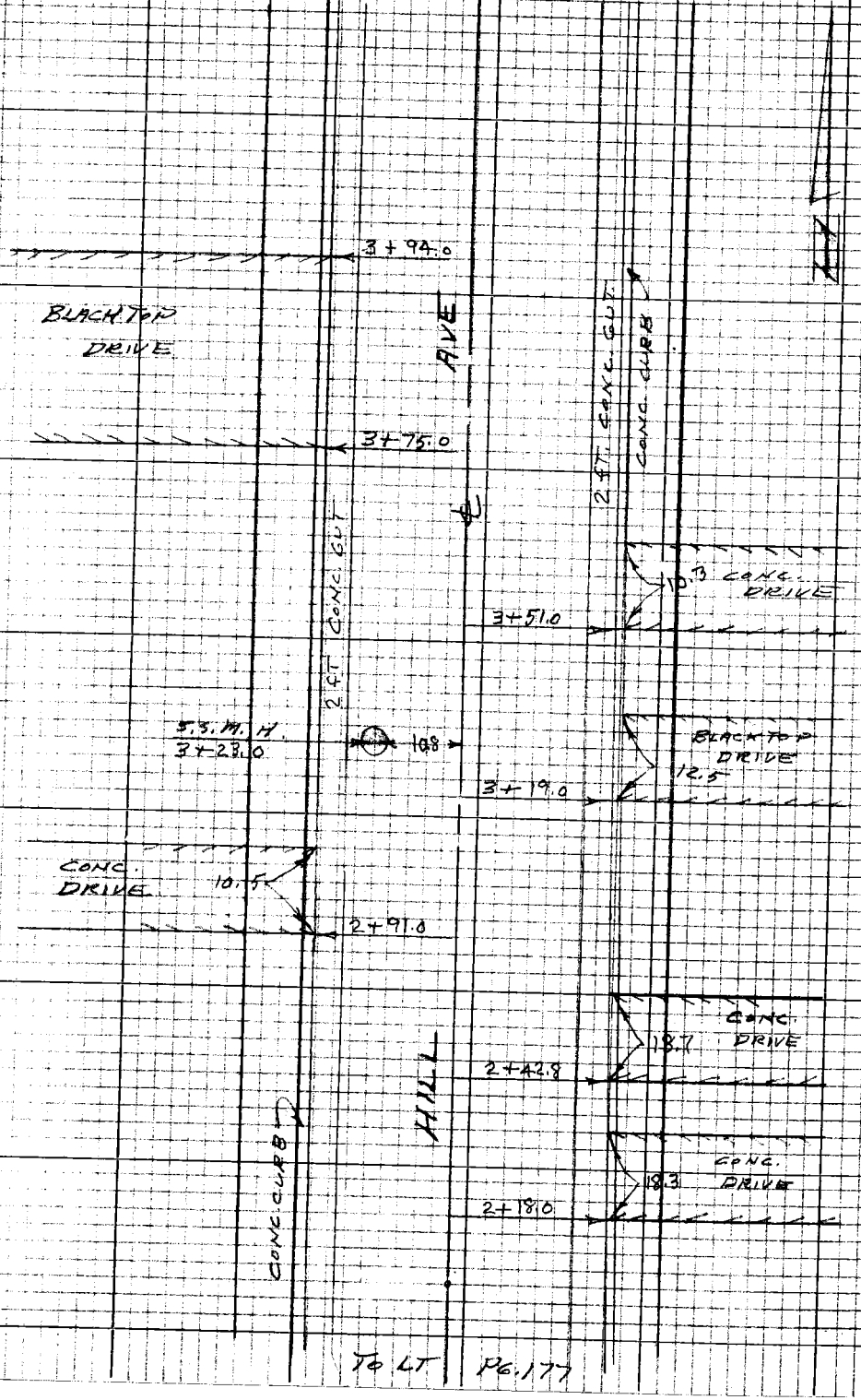
76P3098 CK #310 8-66

F.B. 3336 Pg. 178

To RT Pg 179



To LT Pg. 177

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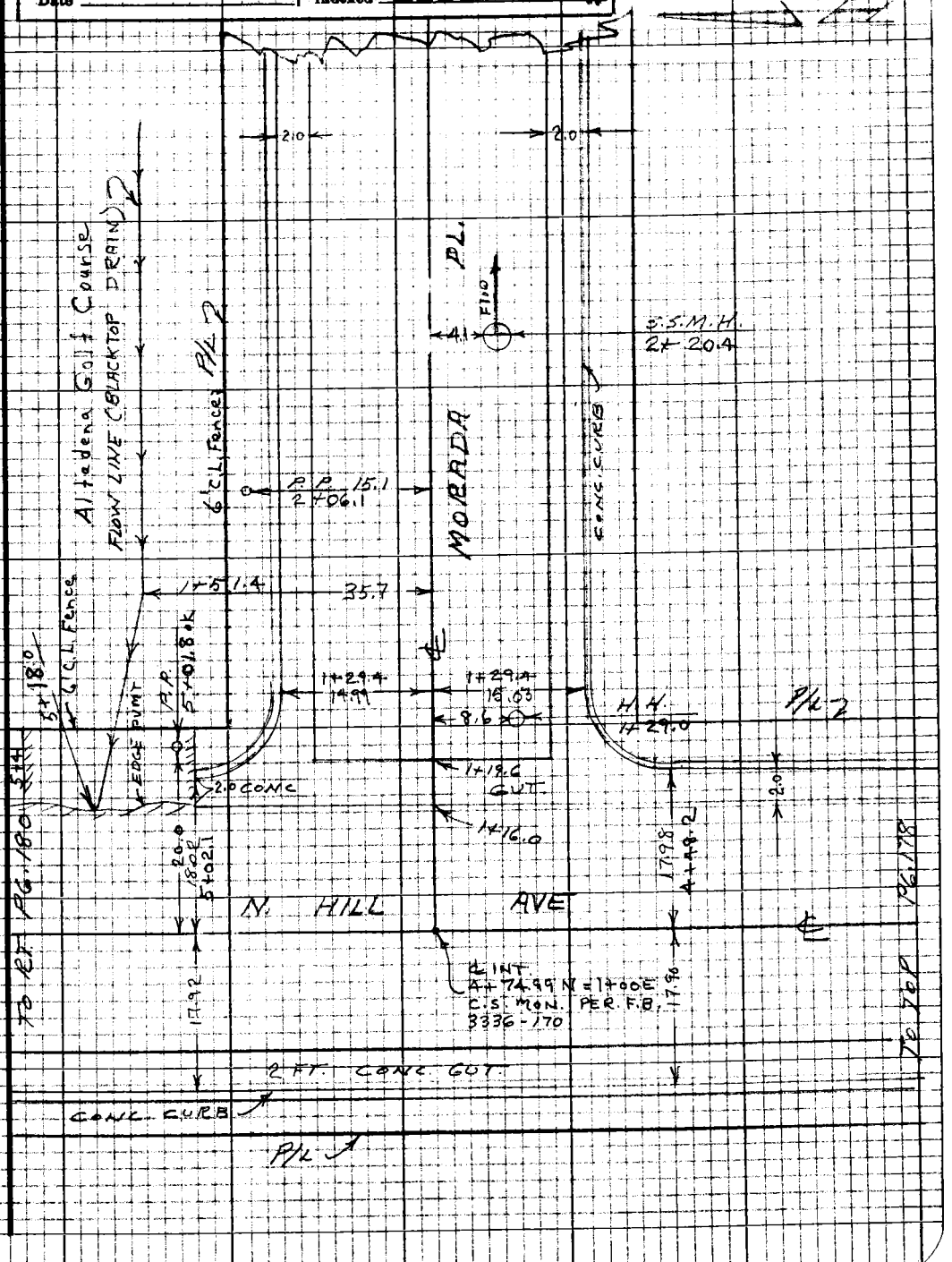
Notes Ck'd by	Survey of Altadena S.D. #1263	F.B. 3336 Pg. 179
Map No.	JN 6012.63 Tape Std. °F	
Office Work	Surveyed by Burkholder	
Checked	Notes J.B.M. Date 2-71	
Date	Indexed [illegible]	



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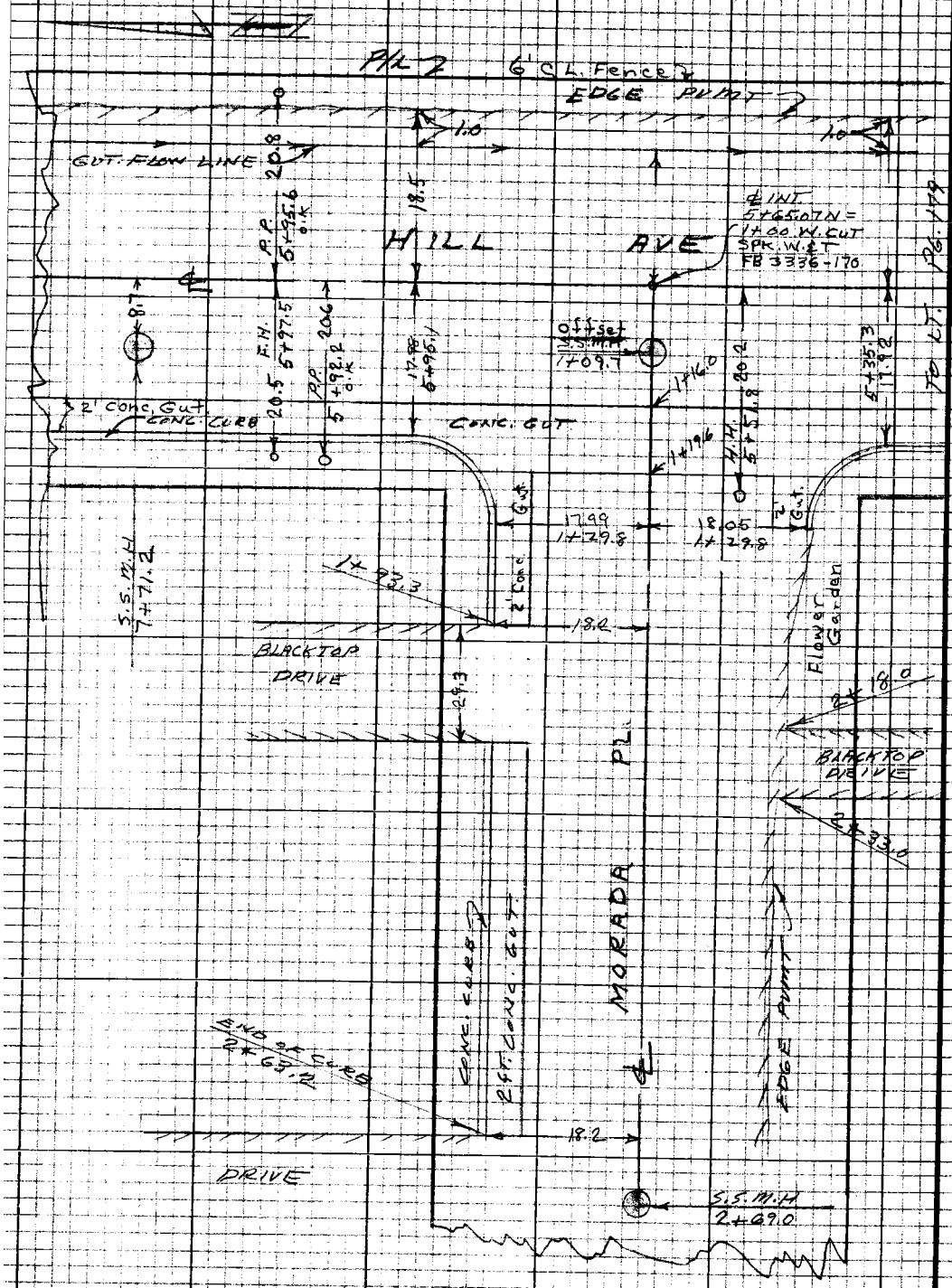
F.B. 3336 Pg. 180



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Profile No. ____ Notes Red ____ Plotted ____ Job No. 6012.63 Division No. 11
Date ____ Date ____ Survey of Altadena S.D. # 1263
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by Burkholder Notes L.L.B. Date 2-71
Date ____ Date ____ Map No. ____ Indexed R. L. GALLI Date MR 1 71

F. B. 3336 Pg. 181

J.N. 6012.63

ALTADENA STORM DRAIN

PROJECT # 1263

Cross-Sections

See pg # 171 for Topography

Burkholder
McCall
Kabler
Scherb.

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

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76-L-298 CE 307 5-66

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F. B. 3336 Pg. 182 | Job No. 6012.63 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Altadena S.D. #1263 | Date 2-71 | Date | No.
Survey by Buckhalter Notes D.L.B. | Notes Chk'd. | Checked | X-Sec.
Indexed B.J. GAELI | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	Sierra Bonita ℄ Ave.	
BM BY 5062				1146.19	BM, BY 5062, 1970 Adj. El. = 1146.189, Pasadena Quad	
					F.B. 3336-162, RDBM Tag 17'± E & 63'± S. & Int. Sierra	
					Bonita Ave & Newyork Dr.	
1+00 So				1148.73		℄ Int Newyork Dr.
1+35 ±				1144 40	20⁶ Top of C.M. covered Storm drain	
				1147 5	20⁶ dirt over drain	
1+41.3 ±				1146 91		℄
				1146 80		7⁵ ¼ Prmt.
				1146 51		14⁵ F.L.
				1147 09		14⁵ T.C.
				1146 79	7⁵ ¼ Prmt.	
				1146 32	15¹ F.L.	
				1147 08	15¹ T.C.	
2+07 ±				1144 11	7⁶ Top S.D. M.H.	
				1141 63	7⁶ Top C.M. Covered S.D.	
				1137 29	7⁶ F.L. S.D.	

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Sierra Bonita ℄ Are.	
2+32.0						1⁹ S.S.M.H
					Rim 1143.35	Rim 1143.35
					Meas 10.39	Meas. 10.48
					Top Pipe 1132.96	Top Pipe 1132.87
					dia 0.67	dia 0.67
					Inv. El 8" Inlet No. = 1132.29	Inv. El. 8" outlet So. = 1132.20
		Going East on New York Dr.				
1+00 E.				1148.73		℄ Int. Sierra Bonita Are.
1+29⁸				1148.65		℄
				1148.36		8⁵ ¼ Pav.
				1147.36		17¹ F.L.
				1147.70		17¹ T.C.
				1148.90	8° ¼ Pav	
				1148.96	16° Edge Pav.	
				1150.37	30° P/L	

Profile Notes Red ____ Plotted ____ Job No. 6012.63 Division No. 11 F.B. 3336 Pg. 183

No. ____ Date ____ Date ____ Survey of Altadena S.D. #1263

X-Sec. Notes Chkd. ____ Checked ____ Survey by Burkhalter Notes D.L.B. Date 2-71

No. ____ Date ____ Date ____ Map No. ____ Indexed S.L. GALLY Date MR 1-71

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	New York	℄	Dr.
1+88° E.						4⁵ S.S.M.H. (Don't Need)	
				~~1148.21~~	Rim ~~1148.21~~		
					Meas. Top Pipe		
					diam		
2+00				1148.47		℄	
3+00				1148.25		℄	
		Going	west	on New York Dr.			
1+00				1148.73		℄ Int. Sierra Bonita Ave.	
1+02⁵					4⁵ S.S.M.H.		
				1148.49	Rim = 1148.49	1148.49	1148.49
					Meas. = 13.74	13.94	13.49
					Top Pipe 1134.75	1134.55	1135.00
					diam 0.67	0.67	0.50
					Inv. El. 8" Inlet W. = 1134.08	Inv. El. 8" outlet So. = 1133.88	Inv. El 6" Inlet No. = 1134.50 Hse Conn.
1+41.9				1148.83		℄	
				1149.07		8° ¼ Par.	
				1149.31		16° Edge Par.	

F.B. 3336 Pg. 184 Job No. 6012.63 Division No. 11 Notes Red Plotted Profile
Survey of Altadena S.D. # 1263 Date 2-71 Date No.
Survey by Burkholder Notes D.L.B. Notes Chkd. Checked X-Sec.
Indexed [illegible] Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	New York	Dr.
1+41 9				1150.1		30° P/L.
				1148.26	8 5 1/4 Par.	
				1147.29	17° F.L.	
				1147.80	17° T.C.	
				1147.86	30° B.W.	
1+81 9				1148.82		℄
				1149.07		8° 1/4 Par.
				1149.12		16° Edge Par.
				1150.4		30° P/L.
				1148.20	8 5 1/4 Par.	
				1147.36	17° F.L.	
				1147.79	17° T.C.	
				1147.89	30° B.W.	
2+21 3				1149.11		℄
				1149.44		8° 1/4 Par.
				1149.53		16° Edge Pav.
				1151.2		30° P/L.
				1148.52	8 5 1/4 Par.	
				1147.53	17° F.L.	
				1147.94	17° T.C.	

Profile Notes Red ____ Plotted ____ Job No. 6[illegible] Division No. 11 F. B. 333[illegible] Pg. 185
No. ____ Date ____ Date ____ Survey of Altadena S.L. #1263
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date 2-71
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

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F.B. 3336 Pg. 186 | Job No. 6012.63 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Alta dena SD #12.63 | Date 2-71 | No. | X-Sec.
Survey by BurKhalter Notes D.L.B. | Notes Chk'd. | Checked | No.
Indexed GALLI | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	New York	℄ Dr.
2+81.9				1148.01	30° B.W.	
3+00				1149.15		℄
4+00 (T.P.)				1149.43		℄
					5.5 S.S.M.H.	
				1149.06	Rim = 1149.06	1149.06
					Meas. 13.66	13.65
					Top Pipe 1135.40	1135.41
					diam 0.67	0.67
					Inv. El, 8" outlet ℄ = 1134.73	Inv. El, 8" Inlet W = 1134.74
5+00				1149.60		℄
6+00				1149.83		℄
				1150.13		8° ¼ Par
				1150.15		16° Par.
				1151.66		27.9 Cor. Conc. dr.
				1151.87		30° P|L Conc. dr.
				1149.18	8.5 ¼ Par.	
				1148.13	17° F.L.	
				1148.58	17° T.C.	
				1148.67	30° B.W.	
BM SD 825				1148.52	BM SD 825 El = 1148.518, F.B. 3336-162, New York Dr. So. Side 580'± W. & Sierra Bonito Ave. Spk in W. @ Hse #1500 Mkd. "C 30 BM"	

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STATION	B. S.	H. I.	F. S.	ELEV.	New York	℄ Dr
6+59 8					5° S.S.M.H.	
				1149.70	Rim = 1149.70	1149.70
					Meas Top 13.60	13.56
					Pipe 1136.10	1136.14
					diam 0.67	0.67
					Inv. El, 8" outlet E. = 1135.43	Inv. El, 8" Inlet W. = 1135.47
7+00				1150.15		℄
8+00				1150.27		℄
(T.P.) 9+00				1150.38		℄
				1150.24		8° 1/4 par
				1150.6		16° Edge par
				1151.5		30° P/L
				1149.77	85 1/4 par	
				1148.77	17° F.L.	
				1149.16	17° T.C. (5' E.)	
				1149.15	30° B.W.	

Profile Notes Red ____ Plotted ____ Job No. 6012.63 Division No. 11
No. ____ Date ____ Date ____ Survey of Altadena S.D. # 1263
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes by ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed [redacted] Date [redacted]

F.B. 3336 Pg. 187

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F. B. 3334 PG. 188 | Job No. 6012.63 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Altadena S.D. #12.63 | Date 2-71 | Date | No. | X-Sec.
Survey by Burkhalter Notes D.L.B. | Notes Chk'd. | Checked | No.
Indexed G.J. GALLI | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	New York	℄	Dr.
9+59.3					5.3 S.S.M.H.		
				1150.18	Rim = 1150.18		1150.18
					Meas 11.12		10.77
					Top Pipe 1139.06		1139.41
					diam 0.67		0.67
					Inv. El. 8" outlet E = 1138.39	Inv. El. 8" Inlet W. = 1138.74	H Sal Conn.
10+00				1150.62		℄	
10+89.1 ✓				1150.90		℄	
				1151.10			8.5 ¼ par
				1151.00			17° Edge par,
				1152.3			30° P/L.
				1150.30	8.5 ¼ Par		
				1149.30	17° F.L.		
				1149.86	17° T.C.		
				1149.76	30° B.W.		
11+00				1150.86		℄	
11+10.4				1151.10			8.8 Top Clean out
				1150.29	8.8 Top Cleanout		
11+28.98				1150.81	℄ Int. Hill Ave.		
(T.P.)				1149.32			

76-L-298 CE 307 5-66

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403 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.	Hill	Ave.
B.M. # SD. 827				1148.76	BM SD827 El. = 1148.760 F.B 3336-162, Int. New York Dr & Hill Ave. S.E. Cor., 30'± So. of So. C.R. A bt. spk in [illegible]	
					Going So. on Hill Ave.	
1+00 So.				1150.81		℄ Int. New York Dr.
1+30 3/				1149.40	16.16 Top drain = Par.	
				1148.10	16.16 F.L.	
				1148.01	19.16 F.L.	
				1150.03	19.16 T.C.	
				1149.89	35° B.W.	
1+37 3/ ✓				1149.41		
				1149.43		0.5 ℄ Par
				1149.29		9.6 1/4 Par
				1149.36		19.2 T.C. = Top par.
				1149.54		35.2 B.W.
				1149.33	7.8 1/4 Par.	
				1148.96	15.5 Top drain = Par.	
				1148.00	15.5 F.L.	
				1147.89	18.5 F.L.	
				1149.49	18.5 T.C.	
				1149.60	34.5 B.W	

Profile Notes Red ____ Plotted ____ Job No. 6012.63 Division No. 11 F.B. 3336 PG. 189
No. ____ Date ____ Date ____ Survey of Altadena SD #1263
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Burkholder Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	Hill	Ave	
1+50.2 So.				1148.84		19⁴ Top drain = Par.	
				1147.90		19⁴ F.L.	
				1147.73		22⁴ F.L.	
				1148.96		22⁴ T.C.	
				1149.23		35³ B.W.	
2+17.20						10.14 S.S.M.H.	
				1146.86	Rim = 1146.86	1146.86	
					Meas. 9.50	9.55	
					Top Pipe 1137.36	1137.31	
					dia. 0.67	0.67	
					Inv. El. 8" Inlet. No = 1136.69	Inv. El. 8" outlet. So = 1136.64	
					New York	℄ Dr.	
	Going west on New York Dr.						
1400 W.				1150.81		℄ Int. Hill Ave.	
1+11.8					0.42 S.S.M.H		
				1150.90	Rim = 1150.90	1150.90	1150.90
					Meas. 12.30	12.28	12.20
					Top Pipe 1138.60	1138.62	1138.70
					diam. 0.67	0.67	0.67
					Inv. El. 8" outlet. So = 1137.93	Inv. El. 8" Inlet. W = 1137.95	Inv. El. 8" Inlet. N. = 1138.03

F. B. 3336 PG. 190 Job No. 6012.63 Division No. 11 Notes Red Plotted Profile
Survey of Altadena S.D. #1263 Date 2-71 Date No.
Survey by Burkholder Notes D.L.B. Notes Chk'd. Checked X-Sec.
Indexed G. J. GALLI Date Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	New York ℄	Dr.
1+14 3				1151.15		8 8 Top cleanout
1+30.5				1150 42		17° F.L. @ C.B.
				1151 47		17° T.C.
1+35 2				1148 84	17° F.L. @ C.B.	
				1149.79	17° T.C.	
1+39 5 ✓				1150.94		℄
				1151.22		8 5 1/4 Par
				1150.86		17° F.L.
				1151.47		17° T.C.
				1152.60		30° B.W.
1+40 4 ✓				1150.92		℄
				1150 46	8 5 1/4 Par.	
				1149.19	17° F.L.	
				1149.75	17° Top Curb return to driveway	
				1149.80	30° B.W.	
1+79 5				1151.18		℄
				1151.35		8 5 1/4 Par.
				1151.14		17° F.L.
				1151.55		17° T.C.
				1152.14		30° B.W.

Profile Notes Red ____ Plotted ____ Job No. 602.63 Division No. 11 F.B. 3336 PG. 191
No. ____ Date ____ Date ____ Survey of Altadena SD #12 63
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Burkholder Notes [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date MAR 1 71

76-L-298 CE 307 5-66

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F. B. 3336 PG. 192 | Job No. 602.63 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Altadena S.D. # 12-63 | Date 2-7-1 | Date | No.
Survey by Burkholder Notes D.L.B. | Notes Chk'd. | Checked | X-Sec.
Indexed G. L. GALLI | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	New York	℄ Dr
1+79 S				1150.22	8 S ¼ Par	
				1149.33	17° F.L.	
				1149.79	17° T.C.	
				1149.92	30° B.W	
2+00				1151.24		℄
2+79 S				1151.61		8 S ¼ Par.
2+79 S				1151.67		17° F.L.
				1151.27		17° T.C. (4ft W.)
				1151.80		30° B.W.
				1152.31		
				1150.78	8 S ¼ Par.	
				1149.61	17° F.L.	
				1150.07	17° T.C. (3 ft W.)	
				1150.06	30° B.W.	
3+20 S					0.10 S.S.M.H.	
				1151.88	Rim = 1151.88	1151.88
					Meas 12.28	12.26
					Top Pipe 1139.60	1139.62
					diam 0.67	0.67
					Inv. El. 8" outlet E. = 1138.93	Inv. El. 8" Inlet W. = 1138.95

76-L-298 CE 307 5-66

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Profile Notes Red____ Plotted____ Job No.____ Division No. 11
No.____ Date____ Date____ Survey of Altadena SD #12 & 3
X-Sec. Notes Chk'd.____ Checked____ Survey by____ Notes by____ Date 2-
No.____ Date____ Date____ Map No.____ Indexed____ Date MR 1-71

F.B. 3316 Pg. 133

STATION	B. S.	H. I.	F. S.	ELEV.	Hill	℄ Ave.
		Going		North on Hill Ave.		
1+00				1150.81		℄ Int. New York Dr.
1+30.5				1151.67		14^{s} Top Clean out.
				1151.58	14^{s} Top Cleanout.	
1+38^{9}				1152.06		℄
				1151.94		9° ¼ Pav
				1151.53		16° Edge Gut.
				1151.23		18° F.L. Gut.
				1150.01		18° F.L. Catch basin
				1152.11		18° T.C.
				1152.18		19^{s} Top C.B.
				1152.9		30° P/L.
				1151.92	9° ¼ Pav	
				1151.50	16° E.G.	
				1151.17	18° F.L. Pav.	
				1150.01	18° F.L. Catch Basin	
				1152.04	18° T.C.	
				1152.12	19^{s} Top C.B.	
				1152.4	30° P/L.	
1+78°				1153.36		℄
				1153.20		9° ¼ Pav.
				1152.68		

76-L-298 CE 307 5-66

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F. B. 3336 PG. 194 | Job No. 6012.63 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Altadena S.D. # 1263 | Date 2-71 | Date | No.
Survey by D+B | Notes Burkholder | Notes Chk'd. | Checked | X-Sec.
Indexed G. L. GALLI | Date | Date | Date | No.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	New York	℄ Ave
1+78°				1152.78		16° E.G.
				1152.71		18° F.L.
				1153.32		18° T.C.
				1151.13		30° P/L
				1153.22	9° ¼ Par.	
				1152.85	16° E.G.	
				1152.74	18° F.L.	
				1153.36	18° T.C.	
				1153.94	30° P/L.	
2+78°				1156.60		℄
				1156.45		9° ¼ Par
				1156.04		16° E.G.
				1155.92		18° F.L.
				1156.57		18° T.C.
				1157.35		30° P/L.
				1156.36	9° ¼ Par.	
				1155.98	16° E.G.	
				1155.89	18° F.L.	
				1156.52	18° T.C.	
				1156.60	30° P/L.	
3+00				1157.32		℄

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	Hill	℄ Ave.
3+23°					10⁸ S.S.M.H.	
				1157.76	Rim = 1157.76	1157.76
					Meas. 10.10	10.22
					Top Pipe 1147.66	1147.54
					diam 0.67	0.67
					Inv. El. 8" Inlet N. = 1146.99	Inv. El. 8" outlet So. = 1146.87
(T.P.)				1160.11		
4+00				1160.52		℄
4+ 38 3/4				1161.77		℄
				1161.59		9° 1/4 Par.
				1161.09		16° E.G.
				1161.05		18° F.L.
				1161.74		18° T.C.
				1162.2		30° P/L.
				1161.62	9° 1/4 Par.	
				1161.19	16° E.G.	
				1161.10	18° F.L.	
				1161.76	18° T.C.	
				1162.3	30° P/L.	
4+24.99				1163.00		℄ Int. Morada Pl. (E)

Profile Notes Red ____ Plotted ____ Job No. 6012.63 Division No. 11 F.B. 3336 Pg. 135
No. ____ Date ____ Date ____ Survey of Altadena S.D. #1263
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Buckholder Notes [illegible] Date 2-71
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date MAR 1 '71

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

F.B. 3336 PG. 196 | Job No. 60263 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Altadena S.D. #1263 | Date 2-71 | Date | No.
Survey by Parkhalder | Notes D.L.B. | Notes Chk'd. | Checked | X-Sec.
Indexed [redacted] GALLI | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	Morada	℄ Pl.
		Going East on Morada Pl.				
B.M. #S.D. 828				1161 92	BM SD 828 El. = 1161.923, F.B. 3336-162, Hill Ave. & Morada Pl. (E)	
					S.E Cor. 4' Sof S.C.R. Spk in Ld.	
1+00 E.				1163.00		℄ Int. Hill Ave.
1+16				1162.43		℄ E.G.
1+18				1162.30		℄ F.L.
1+19				1162.47		℄ E.G.
1+39 ℄				1162.72		℄
				1162.27		25 S. 1/4 Par.
				1161.74		13° E.G.
				1161.59		15° F.L.
				1162.01		15° T.C.
				1162.37		25° P/L.
				1163.16	7.5 1/4 Par.	
				1163.31	13° E.G.	
				1163.20	15 F.L.	
				1163.51	15° T.C.	
				1164.3	25° P/L.	
				1166 01	33.5 Top Par. burm	
				1165 15	45.5 F.L. drain (Conc)	

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STATION	B. S.	H. I.	F. S.	ELEV.	Morada	℄ Pl.
1+79 ℄				1162.95		℄
				1162.47		7.5 1/4 Par.
				1161.93		13° E.G.
				1161.78		15° F.L.
				1162.29		15° T.C.
				1162.56		25° P/L.
				1163.30	7.5 1/4 Par.	
				1163.46	13° E.G.	
				1163.34	15° F.L.	
				1163.93	15° T.C.	
				1164.6	25° P/L.	
				1166.15	29° Top Par. burm	
				1165.12	36° F.L. drain Par.	
2+00				1163.07		℄
2+79 ℄				1163.61		℄
				1163.03		7.5 1/4 Par.
				1162.49		13° E.G.
				1162.37		15° F.L.
				1162.95		15° T.C.
				1163.1		25° P/L.

Profile Notes Red ____ Plotted ____ Job No. 60/2.63 Division No. 11 F.B. 3336 Pg. 197
No. ____ Date ____ Date ____ Survey of Altadena S.D. #1263
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Burkholder Notes [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed G. L. GALLI Date MAR 1 '77

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STATION	B. S.	H. I.	F. S.	ELEV.	Morada	℄ Pl.
2+79 ℄				1163.99	7.5 1/4 Par.	
				1163.66	13° E.G.	
				1163.56	15° F.L.	
				1164.13	15° T.C.	
				1165.1	25° P/L.	
				1167.11	29° Top par. burm	
				1166.02	35° F.L. drain Par.	
3+00				1163.70		℄
		Going North on Hill Ave.				
4+74.99				1163.00		℄ Int. Morada Pl. (E)
5+02 L				1163.83		℄
				1163.79		9° 1/4 Par.
				1163.39		16° E.G. @ end.
				1163.34		18° F.L.
				1163.89		18° T.C. @ end.
				1164.0		30° P/L.
5+07 ⊙				1164.35		30° Toe burm
5+12 L				1164.22		℄
				1164.17		9° 1/4 Par.
				1163.89		16° F.L.
				1165.62		23° Top par. burm

F. B. 3336 PG. 198 Job No. 601263 Division No. 11 Notes Red Plotted Profile
Survey of Altadena S.D. #1263 Date 2-71 Date No.
Survey by Burkholder Notes D.L.B. Notes Chk'd. Checked X-Sec.
Indexed G.L. GAN Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	Hill	℄ Ave.
5+12 1				1165 79		30° Top burm @ P/L
5+16				1164 94		30° Toe burm @ P/L
5+18				1164 54		21° Toe burm & F.L.
5+25 3				1164 66		℄
				1164 43	9° 1/4 Par.	
				1163 99	16° E.G.	
				1163 94	18° F.L.	
				1164 60	18° T.C.	
				1165 9	30° [illegible]	
5+52 1				1165 51		℄
				1165 43		8 5 1/4 Par
				1165 19		17 5 F.L.
				1165 63		18 5 Edge Par.
				1166 27		30° P/L
5+65.07				1165 95		℄ Int. Morada Pl (W)
BM th SD 829				1164 53	BMSD829, El. = 1164.523, F.B. 3336-163, Hill Ave & Morada Pl.(W) S.W. Cor. L&T, 12' So. of So. C.R.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6012.63 Division No. 11 F.B. 3336 PG. 199
X-Sec. No. ____ Date ____ Date ____ Survey of Altadena SD. # 12.63
Notes Chk'd. ____ Checked ____ Survey by Burkholder Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	Morada	℄ Pl.	
					Going West on Morada Pl.		
1+00W = 5+65.07 No.				1165 95		℄ Int. Hill Ave.	
1+09.7				1165 65		℄ S.S.M.H. (offset)	
					Rim 1165.65	1165.65	1165.65
					Meas 11.10	11.00	10.90
					Top Pipe 1154.55	1154.65	1154.75
					diam 0.67	0.67	0.67
					Inv. El. 8" outlet so = 1153.88 outlet. So. offset 1° West of ⊙M.H.	Inv. El. 8" Inlet N. = 1153.98 Inlet No offset. 1° E. ⊙M.H.	Inv. El. 8" Inlet W = 1154.08
1+16.0				1165 28		℄ Edge Gut	
1+18.0				1165 17		℄ F.L.	
1+19.6				1165 31		℄ edge Gut.	
1+29.8				1165 78		℄	
				1165 54	9° 1/4 Par.		
				1165 05	16° E.G.		
				1164 97	18° F.L.		
				1165 61	18° T.C.		
				1166 22	30° P/L.		
1+39.8				1165 9[illegible]		℄	
				1166 19		9° 1/4 Par	
				1166 [illegible]		16° E.G.	
				1166 13		18° F.L.	
				1166 [illegible]		18° T.C.	
				1165 [illegible]		30° P/L	
				1165 63	9° 1/4 Par.		
				1165 22	17° F.L.		
				1165 63	18° Edge Par.		

F. B. 3336 Pg. 200 Job No. 6012.63 Division No. 11 Notes Red Plotted Profile
Survey of Altadena SD # 1263 Date 2-71 Date No.
Survey by B.L.B. Notes Burkholder Notes Chk'd. Checked X-Sec.
Indexed G.L. GALLI Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	Morada	℄ PL
				1166.29	21° brk.	
1+39.8				1166.4	30° P/L.	
1+79.8				1166.09		℄
				1166.38		9° 1/4 Par.
				1166.68		15° E.G.
				1166.56		18° F.L.
				1167.18		18° T.C.
				1168.3		30° P/L.
				1165.77	9° 1/4 par.	
				1165.41	17° F.L.	
				1165.75	17.5 Edge Par.	
				1166.80	21° brk.	
				1167.0	30° P/L.	
1+93.3				1167.33		18.2 T.C. @ end.
2+00				1166.30		℄
2+22.6				1167.69		18.2 T.C. @ end.
2+63.2				1167.58		℄
				1167.74		15° Grd. brk.
				1168.13		16.2 E.G. @ end.
				1168.01		18.2 F.L. "
				1168.67		18.2 T.C. @ "

Profile Notes Red ____ Plotted ____ Job No. 6012.63 Division No. 11 F.B. 3336 Pg. 201
No. ____ Date ____ Date ____ Survey of Altadera S.D. #1263
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Burkhardt Notes [illegible] Date 2-71
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

76-L-298 CE 307 5-66

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F.B. 3336 PG. 202 | Job No. 6012.63 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Altadena & La Crescenta Date 2-71 Date | No.
Survey by Burkholder Notes D.L.R. Notes Chk'd. Checked | X-Sec.
Indexed [redacted] GALLI Date Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	Morada	P/L
2+69°						℄ S.S. MH.
				1167.85	Rim = 1167.85	1167.85
					Meas 10.18	10.07
					Top Pipe 1157.67	1157.78
					diam 0.67	0.67
					Inv. El, 8" outlet. E. = 1157.00	Inv. El, Inlet w. = 1157.11
2+79.8				1168.11		℄
				1168.35		7° ¼ Par.
				1168.38		14° Edge Par.
				1169.42		18° dirt So. of wall
				[illegible]		18° Top brick ret. Wall
				1167.81	7° ¼ Par.	
				1167.31	14° F.L.	
				1167.09	15° edge Par.	
				1169.1	30° P/L.	
3+00				1169.15		℄

76..-298 CE 307 5-66

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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.	Hill	℄ Ave
				Going North on Hill Ave		
5+65.07 No.				1165.95		℄ Int. Morado Pl. (W)
6+05 1/2				1167.39		℄
				1167.10	9° 1/4 Par.	
				1166.56	16° E.G.	
				1166.46	18° F.L.	
				1167.12	18° T.C.	
				1168.[illegible]	30° P/L.	
6+45 1/2				1168.96		℄
				1168.[illegible]		8.7 1/4 Par.
				1168.85		17.5 F.L.
				1169.[illegible]		18.5 Edge Par.
				1169.[illegible]		30° P/L.
				1168.55	9° 1/4 Par.	
				1168.[illegible]	16° E.G.	
				1167.95	18° F.L.	
				1168.49	18° T.C.	
				1169.[illegible]	30° P/L.	
7+45 1/2				1172.[illegible]		℄
				1172.84		8.7 1/4 Par.

Profile Notes Red ____ Plotted ____ Job No. 6012.63 Division No. 11 F. B. 3336 Pg. 203
No. ____ Date ____ Date ____ Survey of Altadena S.D. 1263
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Burkholder Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

76-L-[illegible] CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. B.	ELEV.	Hill	℄ Ave.
7+45						17.5 F.L.
						18.5 Edge Pav.
						30° P/L.
					9° 1/4 Pav.	
					16° E.G.	
					18° F.L.	
					18° T.C.	
					30° P/L.	
7+71.2					8" S.S.M.H.	
					Rim	1173.72
					Meas. 9.45	9.28
					Top Pipe 1164.27	1164.44
					diam. 0.67	0.67
					Inv. El. 8" outlet, so = 1163.60	Inv. El. 8" Inlet No. = 1163.77
B.M. #SD 829				1164 53	BMSD829 El. 1164.529, F.B. 3336-163	
					Hill Ave & Morado Pl, (W) S.W. Cor. L&T, 12'	
					So. of S. C.R.	

F. B. 3336 PG. 204
Job No. 6012.63 Division No. 6012.63 Notes Red Plotted
Survey of Altadena S.D. #1263 Date 2-71 Date
Survey by D.L.B. Notes Burkholder Notes Chk'd. Checked
Indexed G. J. GALL Date Date Date