Notes Ck'd by W. EDMONDSON	Survey of [illegible]	F. B. 3902 Pg. 5
Map No.	JN 0021.27 Tape Std °F	
Office Work	Surveyed by [illegible]	
Checked	Notes [illegible] Date MARCH - JUNE 68	
Date	Indexed	

SANITARY SEWER STUDY @ GORMAN

J.N. 0021.27

REFERENCES:

C.S. F.L.	1151	C.S.B.	[illegible]
C.S. "	462	C.S.B.	2199
C.E. "	2412	C.S.B.	711

[illegible]
PLANS - (10 SHEETS)
LA-4(5)-D
[illegible] R.C.E. #10571

[illegible]

[illegible]

~~Not~~ microfilmed.

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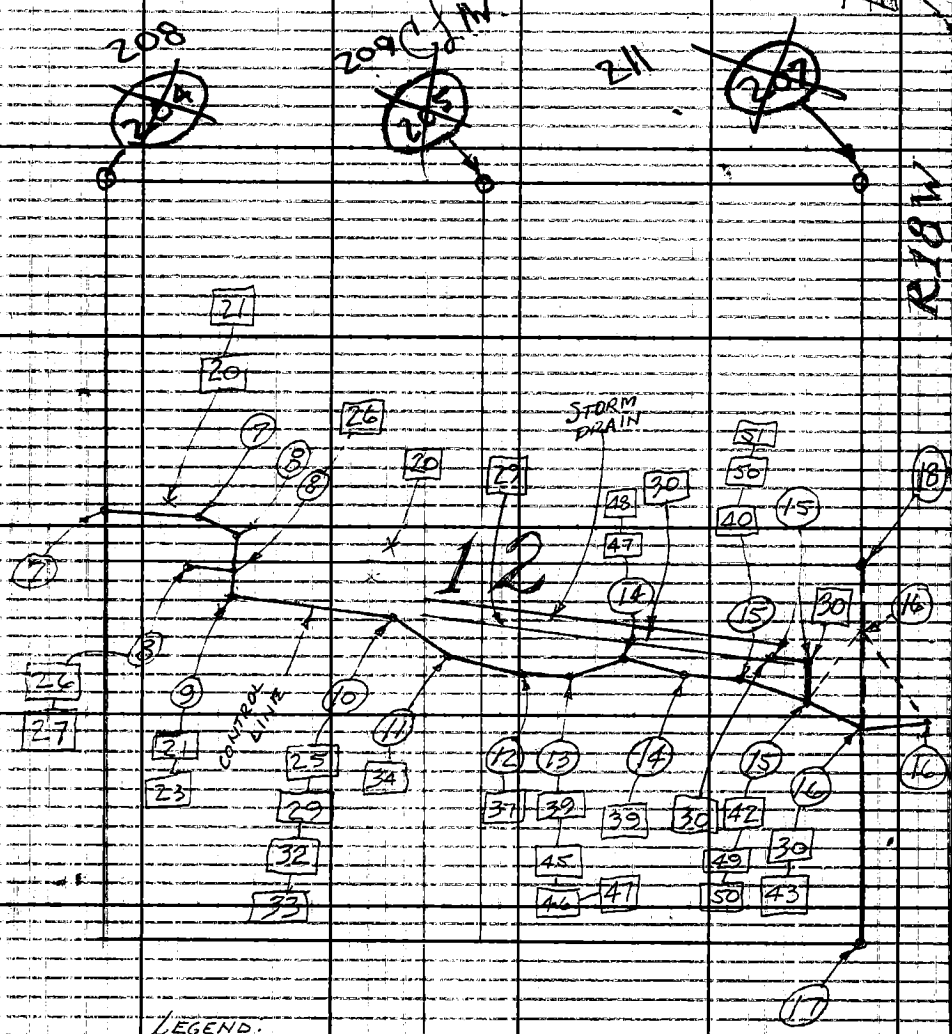
76F3093 CE #310 6-6

F. B. 3902 PG 8

INDEX



LEGEND.

INDICATES PAGE NUMBER - TRANSIT & TAPE SURVEY

INDICATES PAGE NUMBER - ELEVATIONS, BENCH MARKS, TRANSIT TOPOG.

INDICATES LINES MEASURED

INDICATES LINES OBSERVED

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Notes Ck'd by: W. EDMONDSON	Survey of: GORMAN S.S. STUDY
Map No.	J.N. 9021.27 Tape 193 Std 84 °F
Office Work	Surveyed by: C.L. WRIGHT
Checked	Notes
Date	Date 3-APR.-68
	Indexed

F.B. 3902 PG. 7

T8N
R19W

W.S. 17 A-1

T-50°
299.44 @ 266-12 = 298.78'
299.48 @ 93-54 = 298.78'
LEV.
216.72 @ 89-18 = 216.70'
216.74 @ 271-09 = 216.69'

298.78'
356.91
216.69'
872.38'
.19
872.19'

F.D. L.P.T. IN CONC. PUNT. C.S.B-2389 F.B. 1191-14 C.S.B-2199

F.D. 6" BOAT SPK. W/ P.T. IN PATCH. ASSUMED PT. PER CALIF DIV. HI-WAY C.C.M-31

CUT ⊕ BY INT.

3.02

T-50°
LEV. 50.28
.01
50.77'

50.77

872.19'
869.17
LINE
192.53

⊕ 84 16 40
⊕ 337 06 25
⊕ 185 39 35
84°-16'-36"

39" Adj.

30" Adj.

167° 27' 27" Pt.

CONT. TOP LEFT Pt.

84°16'

MARKED

COUNTY SURVEYOR
GORMAN SUB STA.
R.E. 329

FD. C.S. MON. A 2 1/2" BRASS CAP SET IN CONC. DN. 8" C.S. B 2389 F.B. 1191-14 C.S. B-2199

1/4 COR MARKED

⊕ 167 27 20
⊕ 309 49 40
⊕ 284 44 40'
167°-27'-27"

COUNTY SURVEYOR
T8N
R19W
SEC 11 SEC 12
1/4 COR
R.E. 329

C.S. B 711-3
F.B. 402-233
F.B. 1191-7
C.S.B-2190
C.S.B-2389

SEC COR
F.D. C.S. MON.

MARKED

SEC. 11 SEC. 12
SEC. 14 SEC. 13

COUNTY SURVEYOR
T8N
R19W
11 12
14 13
SEC COR
MONUMENT

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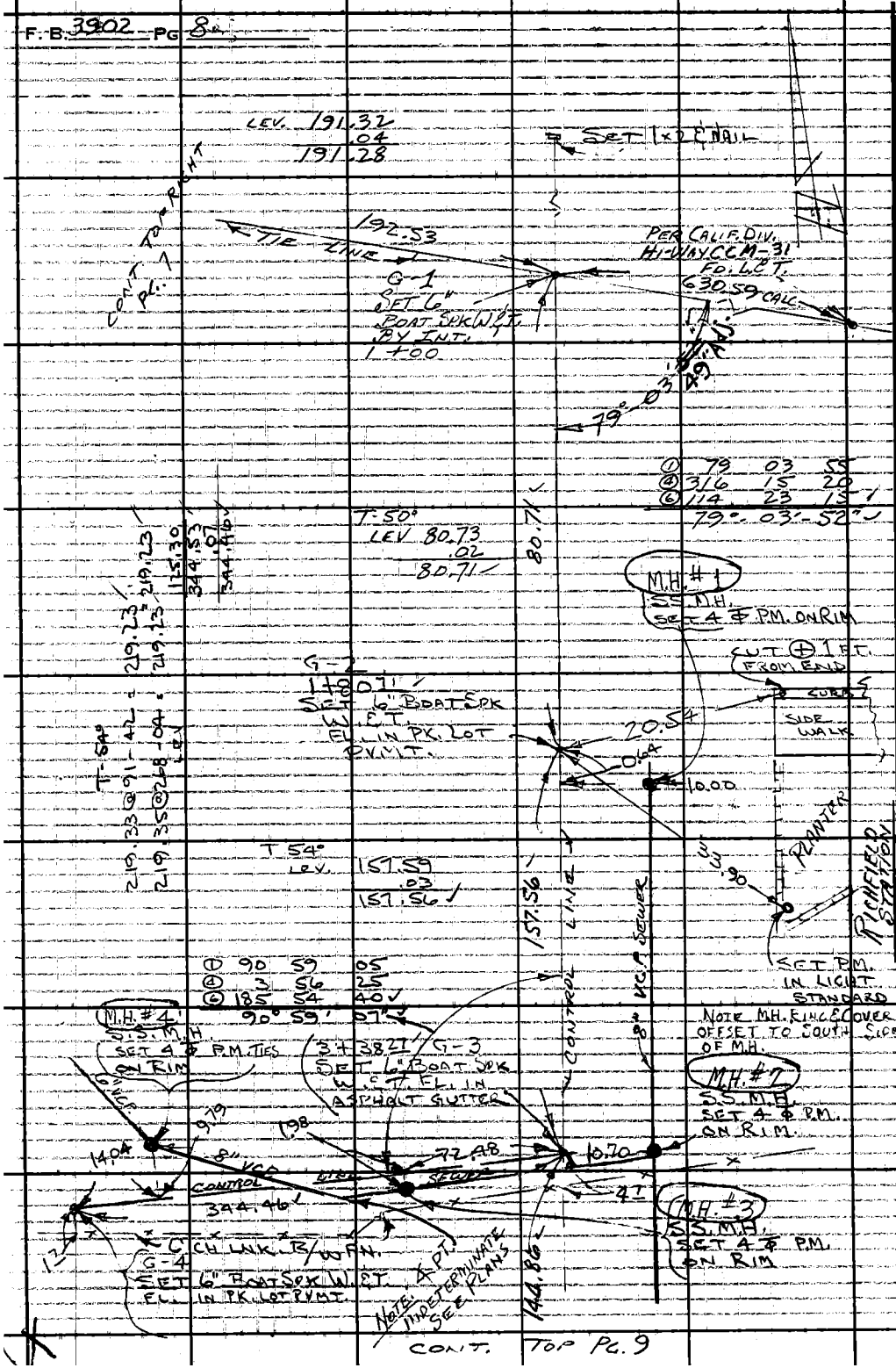
403 Los Angeles County Engineering Bldg.

1 of 2008 CE #210 6-63

F. B. 3902 PG 8



CONT. TOP PG. 9

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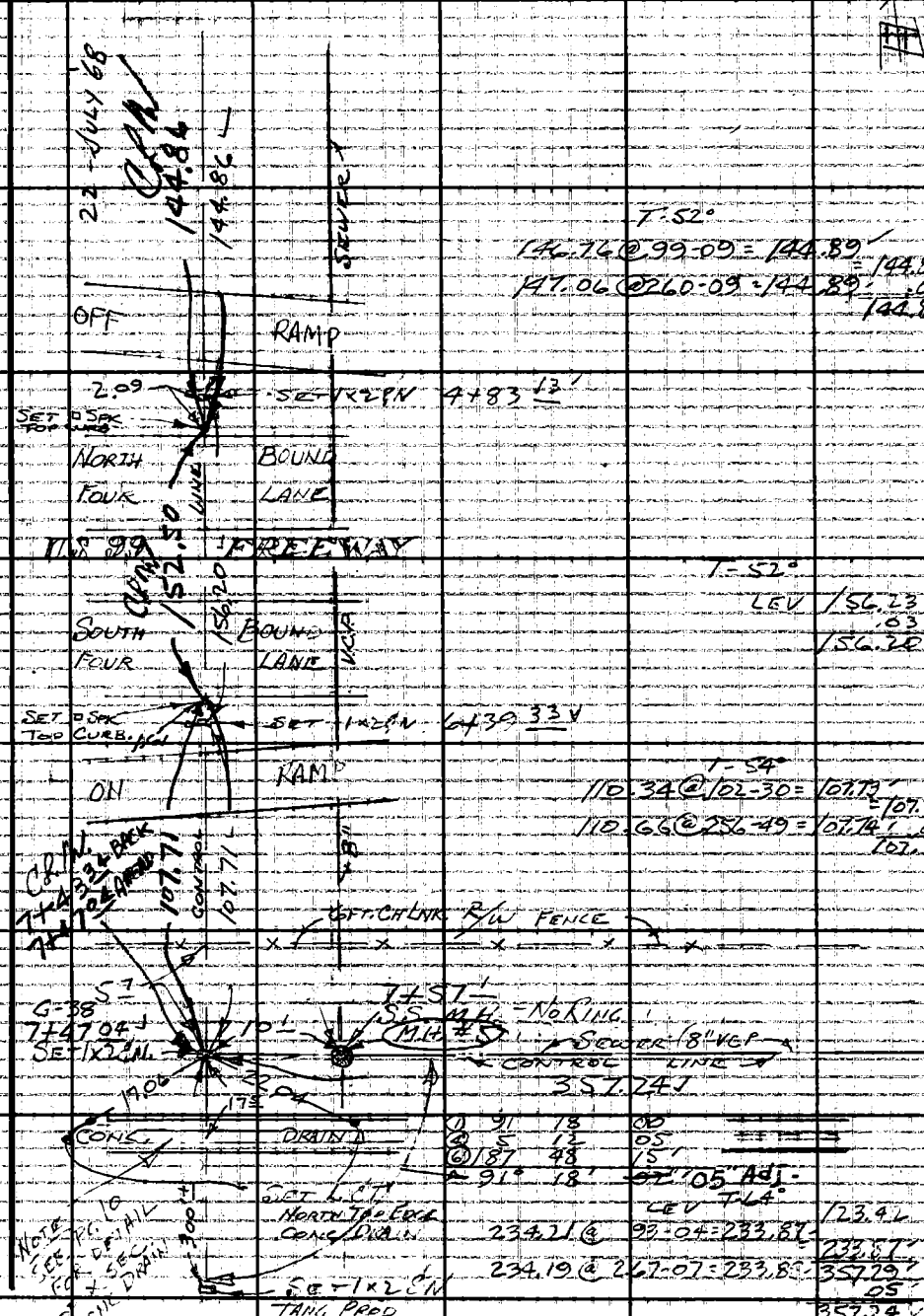
Notes Ck'd by W. EDMONDSON	Survey of GORMAN S.S. STUDY	F.B. 3902 Pg. 9
Map No.	JN 0021.27 Tape 193 Std 84 °F	
Office Work	Surveyed by C.L. WRIGHT	
Checked	Notes C.L.W. Date 3-APR-68	
Date	Indexed E. OTT	

CONT. BOT. PG. 8



T-52°
146.76 @ 99-09 = 144.89
147.06 @ 260-09 = 144.89
144.89
.03
144.86

T-52°
LEV 156.23
.03
156.20

T-54°
110.34 @ 102-30 = 107.73
110.66 @ 256-49 = 107.74
107.73
.02
107.71

①	91	18	00
④	5	12	05
⑥	187	48	15
	91°	18'	05" Adj.

T-64°
LEV 123.42
234.21 @ 93-04 = 233.87
233.87
234.19 @ 267-07 = 233.89
357.29
.05
357.24

CONT. BOT. PG. 10

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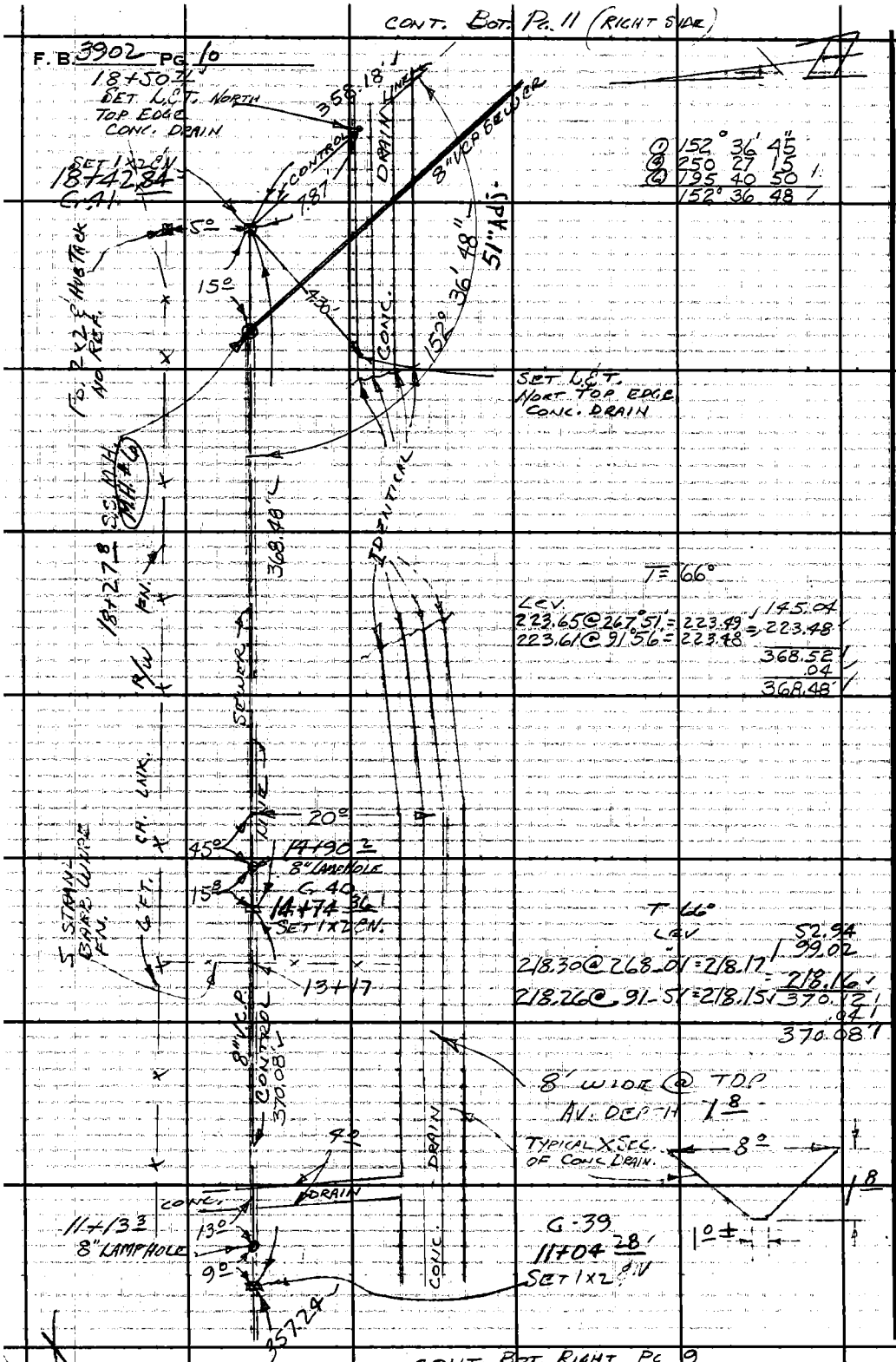
76F309S CE #310 6163

CONT. BOT. PG. 11 (RIGHT SIDE)



CONT. BOT. RIGHT PG 9

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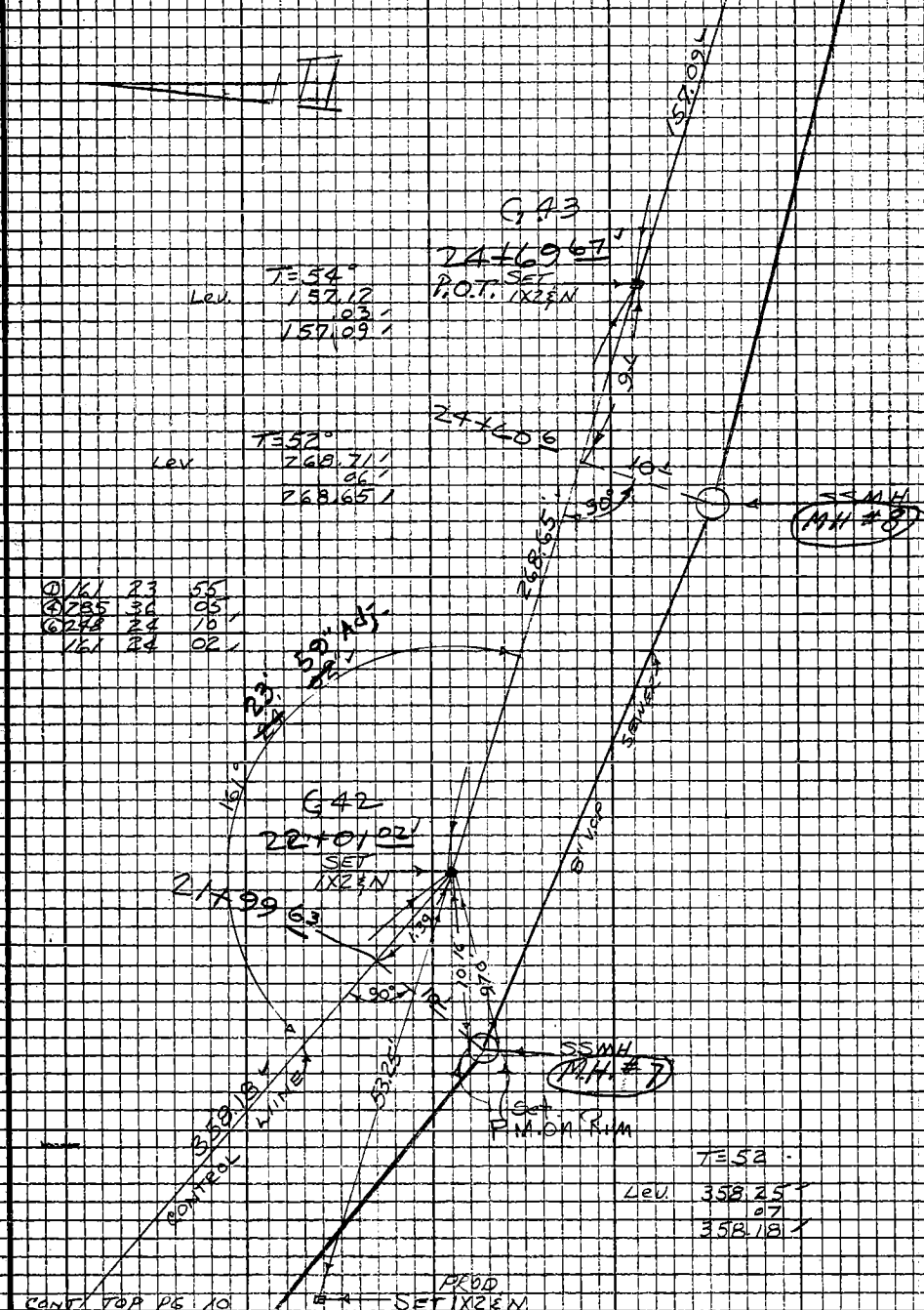
Notes Ck'd by W. EDMONDSON	Survey of GORMAN SS. STUDY	F.B. 3902	Pg. 11
Map No.	JN 0021.27 Tape 193 Std 84 °F		
Office Work	Surveyed by C.L. WRIGHT		
Checked	Notes H.CH, CLW Date 5-APR-68		
Date	Indexed W.E. OTT		

CONT. BOT PG 12



CONT TOP PG 10

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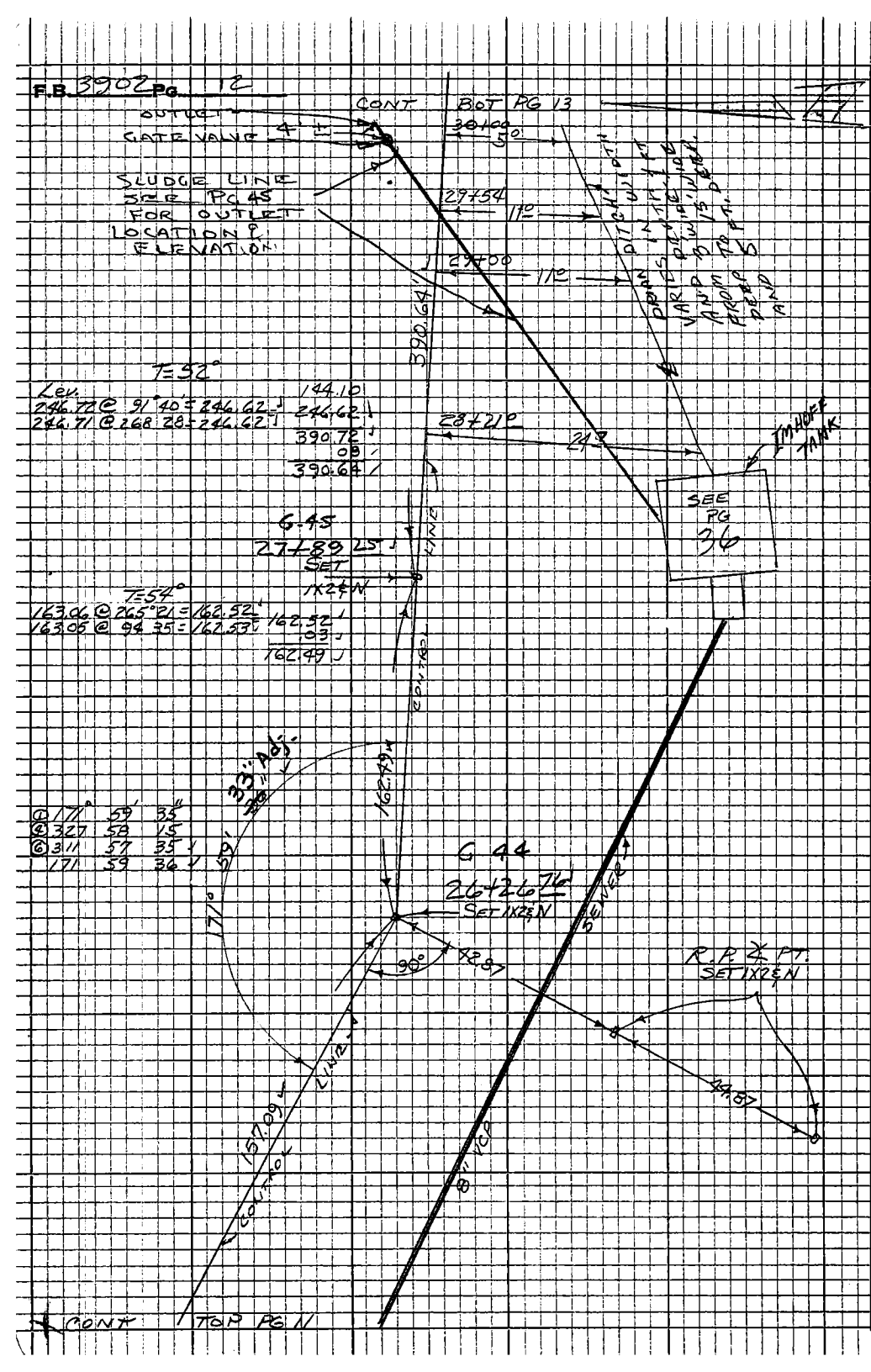
7823093 CE #310 F-66

F.B. 3902 PG. 12



①	171°	59'	35"
②	327	59	15
③	311	57	35
	171	59	36

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Notes Ck'd by W. EDMONDSON	Survey of		F.B. 3902 Pg. 13
Map No.	JN 0021.27	Tape 193 Std 84 °F	
Office Work	Surveyed by C.L. WRIGHT		
Checked	Notes C.L.W., H.C.H.	Date 8-APR-68	
Date	Indexed H. E. OTH		

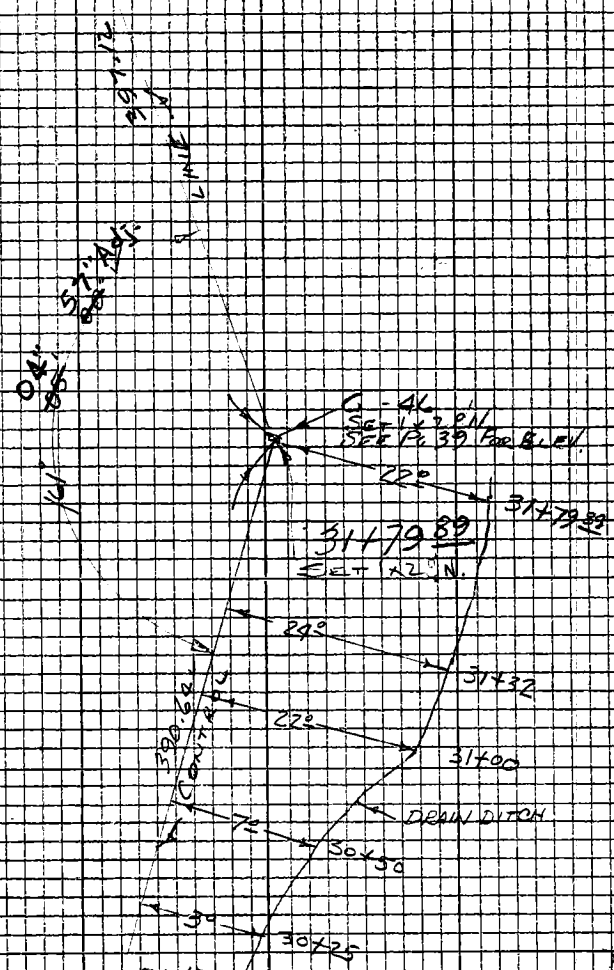
CONT. BOT PG 14

SEE PGS. 45-47 FOR TRANSIT TOPOG

T 68°

LEV.	99.18
"	107.08
"	190.90
	397.16
	.04
	397.12

①	161	05	00
④	284	20	00
⑥	246	29	55
	161°	05'	00"



CONT. TOP PG. 12

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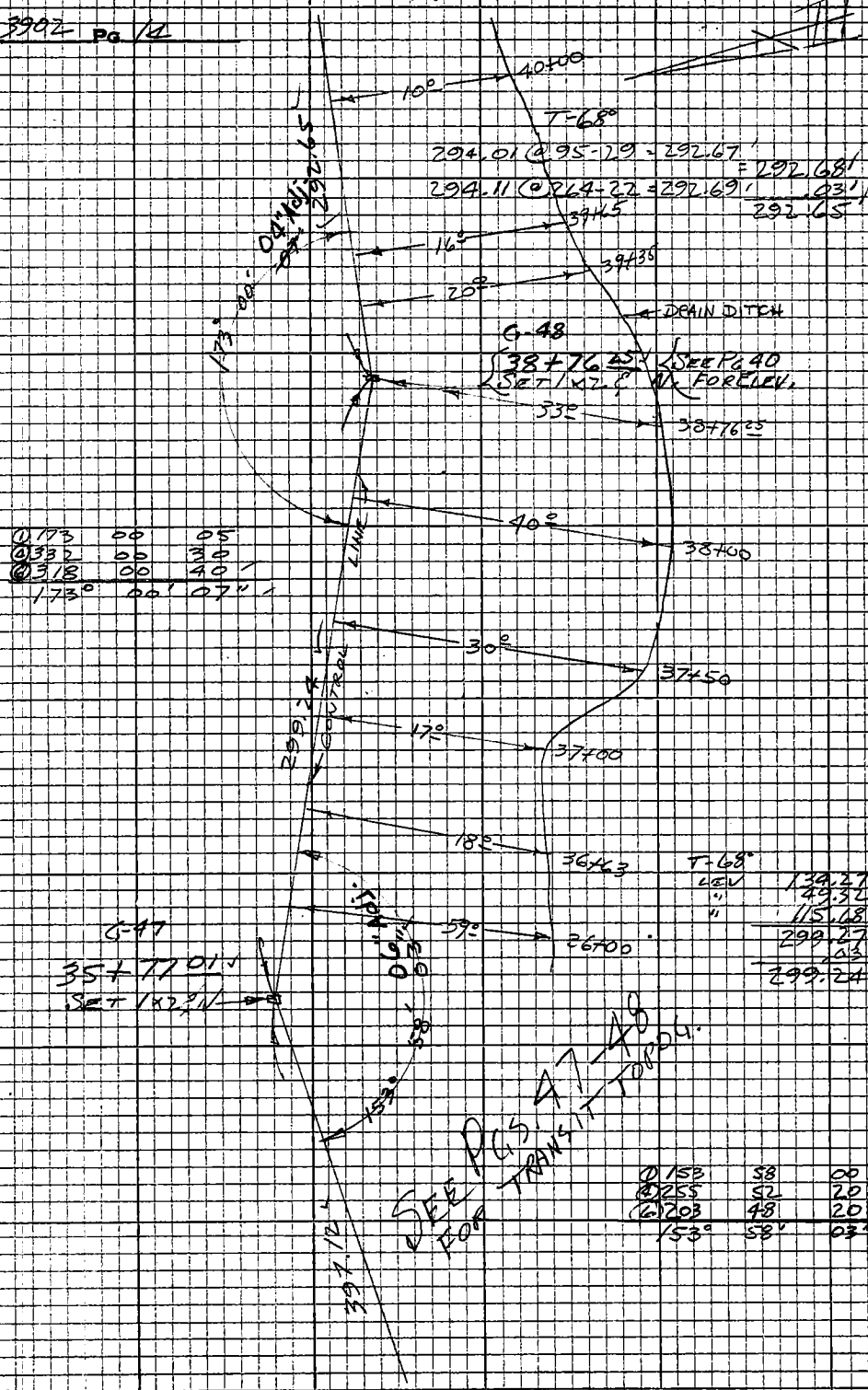
76P3095 CE #310 5-66

CONT. BOT. PG 15

F.B. 3902 Pg. 14



①	173	00	05
②	332	00	30
③	318	00	40
	173°	00'	07"

①	153	58	00
②	255	52	20
③	203	48	20
	153°	58'	03"

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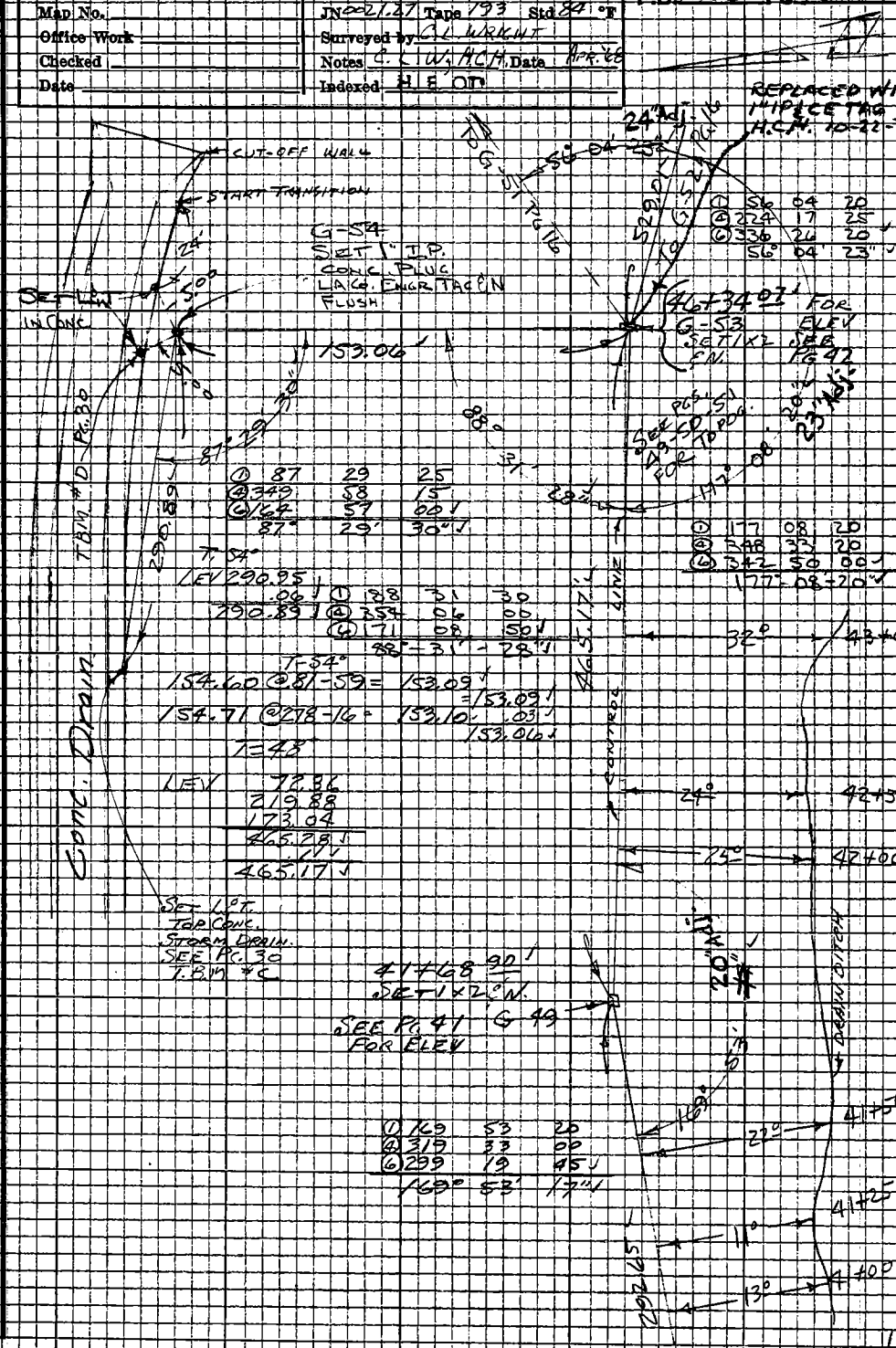
CONT. TOP PG 13

Notes Ck'd By EDMONDSON	Survey of
Map No.	JN 0021.27 Tape 193 Std 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W., H.C.H. Date APR. '68
Date	Indexed H.E. OTT

F.B. 3902 Pg. 15



①	56	04	20
④	224	17	25
⑥	336	26	20
	56°	04'	23"

①	87	29	25
④	349	58	15
⑥	164	57	00
	87°	29'	30"

①	177	08	20
④	348	33	20
⑥	342	50	00
	177°	08'	20"

①	88	31	30
④	354	06	00
⑥	171	08	50
	88°	31'	28"

①	169	53	20
④	319	33	00
⑥	299	19	45
	169°	53'	17"

CONT. TOP PG. 14

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76P3098 CE #310 5-66

F.B. 3982 Pg. 16

CONT. BOT. PG 18

①	54	29	20
④	217	58	00
⑥	326	56	55 ✓
	54°	29'	29" ✓

①	36	31	40
④	146	06	55
⑥	219	10	25 ✓
	36°	31'	44" ✓

G-51
SET □ HD.
SPK & T
1 FT. S. OF
N. EDGE PVMT.

T8N

ACCESS ROAD

Fd. BOAT SPK.
FL. IN PVMT
NO REF.

17.12

21.3

To LANCASTER

6' CH. LNK. FN.

To G-53 Pg. 15

S 29° 29' 29" ✓

36° 31' 44" ✓

①	33	44	00
④	134	55	45
⑥	202	23	45 ✓
	33°	43'	52"

GOLDEN STATE FREEWAY

BARB. WIRE
5 STRAND
R/W FENCE

G-52
BEDDED 1x3 P.N.
w/ C.E. BUTTON
MONUMENT - A
2" I.P. & BRASS CAP
SET IN CONC.
MARKER
See Pg 30

See Pg. 54 for H.P. to State Mon.

COUNTY ENGINEER
B.M.
G 52
R.E. 5869

07 Adj
09 Adj
55 Adj
54 Adj

529.01 ✓

To G-53 Pg. 15

529.01 ✓

577.98 ✓

G-52
SET 1x2 P.N.

G-50
SET 1x2 P.N.

①	69	26	10
④	217	44	45
⑥	56	36	55 ✓
	69°	26'	09" ✓

R19W

Range Line
G 56.37 ✓

R18W

①	109	44	35
④	78	57	50
⑥	298	26	45 ✓
	109°	44'	27" ✓

T-60
LEV.
293.25 @ 268-27 = 293.15 ✓ 235.93
= 293.16
293.29 @ 91-40 = 293.17 ✓ 529.09 ✓
.08
529.01 ✓

T-60°
162.49 @ 265-46 = 162.05 ✓
=
162.49 @ 94-13 = 162.05 ✓
LEV
119.72 @ 268-10 = 119.66 ✓
=
119.75 @ 92-14 = 119.66 ✓

162.05 ✓
296.36
119.66
578.07 ✓
.09
577.98 ✓

Top

Pg. 17

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Notes Ck'd by W. EDMONDSON	Survey of GORMAN S.S. STUDY	F.B. 3902	Pg 17
Map No.	JN 0021.21 Tape 193 Std 84 °F		
Office Work	Surveyed by C.L. WRIGHT		
Checked	Notes C.L.W. Date APR. '68		
Date	Indexed K. E. OTT		

CONT. BOT. PG 16

W.S. 17, A-1

T8N

R19W

R18W

LINE

RANGE

656.37

T-60°

225.00@64-15-00=202.66
225.26@64-06-30=202.65 = 202.65

269.60@249-15=252.11
269.93@110-57=252.09 = 252.10

213.85@289-23=201.73
213.61@70-47=201.71 = 201.72

656.47
.10
656.37

SET 1x2 ON

7.06

FD 2x2 & HUBTACK NO REF

T-66°

213.74@275-39=212.70 LEV
213.62@84-54=212.72 LEV

7.06
3
212.74

38.14
299.45
557.38
.07
557.31

557.31

12 7

13 18

SEC. COR.
FD. C.S. MON.
A 2" I.P. & BRASS
CAP SET IN CONC.
FLUSH
F.B. 402-190
C.S. B 711-3

MARKED

COUNTY SURVEYOR'S MONUMENT
T8N
R19W R18W
12 7
13 18
SEC. COR.

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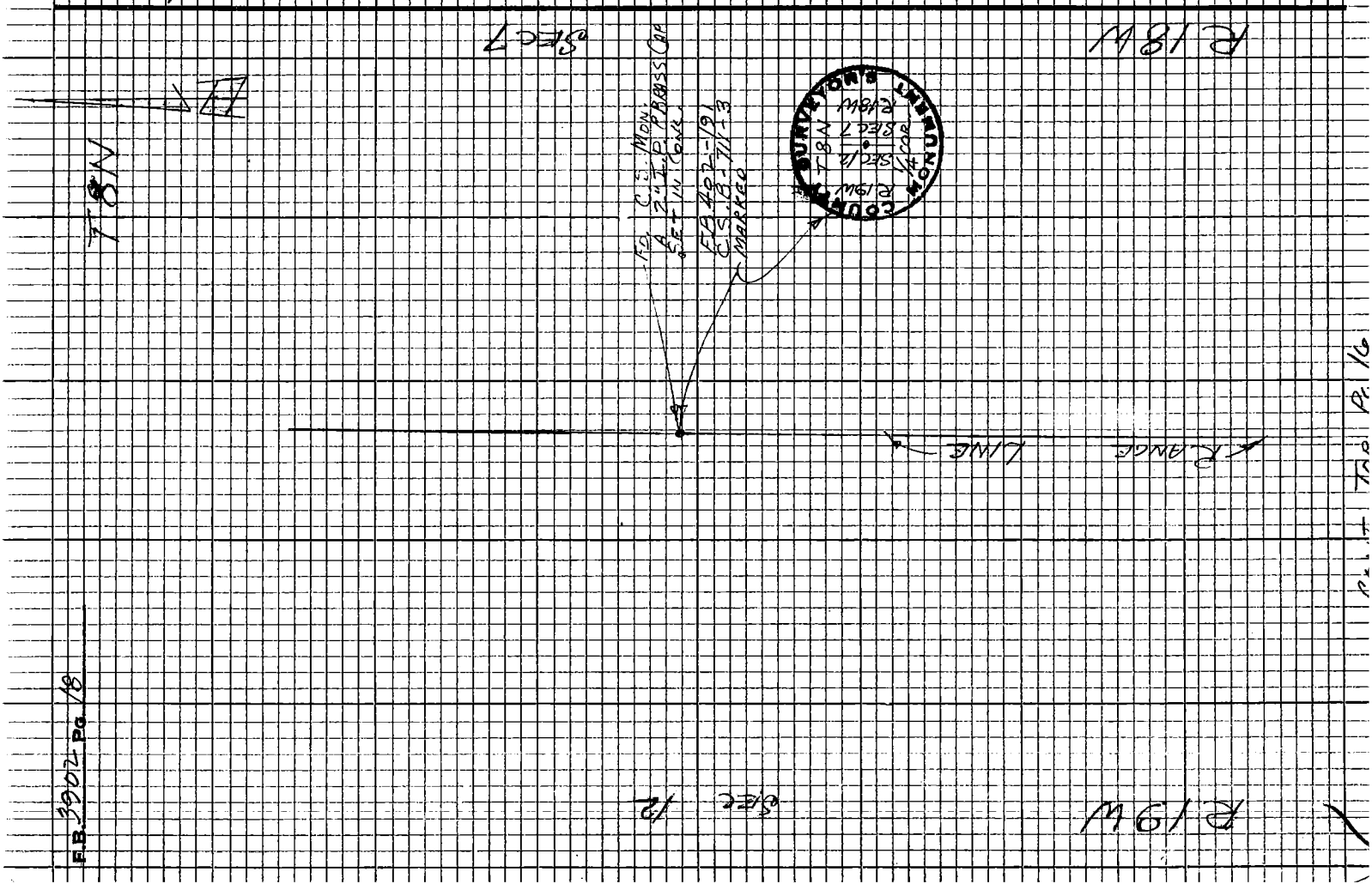
WS. 17, A-1



F.B. 3902 Pg. 18

Vol. 1 Pg. 16

F. B. 7905 PG. 19

Profile No. | Notes Red | Plotted | Job No. 0021.27 | Division No.
Date | Date | Survey of GORMAN S.S. STUDY
X-Sec. No. | Notes Chk'd. W. EDMONDSON | Checked | Survey by C.L. WRIGHT Notes C.L.W Date 15-MAY '68
Date JUL 5 '68 | Date | Map No. | Indexed H. E. OTT Date

GORMAN SANITARY SEWER STUDY

BENCH MARKS, PROFILES & X SECTIONS

ALSO TRANSIT TOPOG. - MISC. ELEVATIONS.

W.O. 0021.27

STATION	B. S.	H. I.	F. S.	ELEV.
			PARTY:	
			WRIGHT	
			PEAVY	
			SIDWELL	
			REISMER	

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
B.M. FD. 102-102				3810606	FOUND (U.S.2226)(U.S.C.&G.S.B-54) GORMAN AT THE GENERAL STORE AND POST OFFICE, AT THE SOUTH SIDE OF THE BUILDING 8.6 FT. NORTH OF THE CONCRETE SIDEWALK CURB 2.0 FT. WEST OF THE WEST SIDE OF THE ENTRANCE TO THE BUILDING AND 0.2 FT. SOUTH OF THE SOUTH WALL OF THE BUILDING. A U.S.C.&G.S. BRONZE DISK, STAMPED B-54 SET FLUSH WITH THE SIDEWALK. NOTE: WINDOW LEDGE PROJECTS OVER BRONZE DISK; ROD CAN'T BE PLUMBED ON B.M. — B.S. ON SHORT TAPE ONLY. 1958 ADJ ELEV 3810606 F.B. 2412-100
	1198	3811804			
TP #1			6808	3804996	3" BT. SPK
	1724	3806720			
TP #2			8371	3798349	"
	0448	3798797			
TP #3			8505	3790292	"
	0551	3790843			
TP #4			6610	3784233	"
	4015	3788248			
TP #5			5050	3783198	"
	3972	3787170			
TP			4850	3782320	FD. REF. F.B. 2412-99 (U.S.C.&G.S.Z 368) GOLDEN STATE HIGHWAY ABOUT 0.4 MILE EASTERLY OF THE POST OFFICE AT GORMAN ALONG OLD HIGHWAY (ACCESS RD) 124.8 FT. EASTERLY OF THE SOUTH CORNER OF A STATE HIGHWAY MAINTENANCE BUILDING, 89.5 FT. NORTH OF THE CENTERLINE OF THE PAVEMENT, 10.8 FT. WEST OF THE WEST'L POLE OF TWO TELEPHONE GUYED POLES AND ABOUT 5 FT. HIGHER THAN THE PAVEMENT. A U.S.C.&G.S. BRONZE DISK STAMPED Z 368 1953 IN TOP OF CONCRETE POST UP 5" 1958 ADJ. ELEV. 3782579
	3580	3785900			
TP			7442	3778458	
	5960	3784418			
B.M. 102-101			1832	3782586	

F. B. 7902 PG. 20

Job No. 0021.27 Division No. Notes Red Plotted Profile
Survey of GORMAN S.S. STUDY Date Date No.
Survey by C.L. WRIGHT Notes C.L.W. Notes Chk'd W. EDMONDSON Checked X-Sec.
Indexed H E CTY Date 15 MAY '68 Date JUL 5 '68 Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
					(FD. U.S. 2226) (U.S.C.&G.S. B-54) GORMAN AT THE GENERAL STORE AND POST OFFICE AT THE SOUTH SIDE OF THE BUILDING 8.6 FT. NORTH OF THE CONCRETE SIDEWALK CURB 2.0 FT. WEST OF THE WEST SIDE OF THE ENTRANCE TO THE BUILDING AND 0.2 FT. SOUTH OF THE SOUTH WALL OF THE BUILDING. A U.S.C.&G.S. BRONZE DISK, STAMPED B-54 SET FLUSH WITH THE SIDEWALK. NOTE: WINDOW LEDGE PROJECTS OVER BRONZE DISK; ROD CAN'T BE PLUMBED ON B.M.-B.S. ON SHORT TAPE ONLY 1958 ADJUST ELEV. 3810 606	
FD. EM 102-102				3810 606	SEE F.B. 3902-20	F.B. 2412-100
	1 310	3811 916				
T.P. #1A			4 148	3807 768		3" BOAT SPK
	10 800	3818 568				
T.P.			3 620	3814 948		"
	4 260	3819 208				
T.P.			6 200	3813 008		"
	4 550	3817 558				
TP			9 760	3807 798		WING WALL - CULVERT
	0 318	3808 116				
TP			7 439	3800 677		1 x 1
	3 707	3804 384				
T.B.M.			6 410	3797 974	ADJ ELEV. 3797 969	FD. L&T. PG. 9 MOST W'LY R.P. 7+47 04
	4 953	3802 927				
TBM			6 186	3796 741	ADJ ELEV. 3796 736	FD L&T PG. 9 MOST E'LY R.P. 7+47 04
	7 139	3803 880				

Profile Notes Red ____ Plotted ____ Job No. 002127 Division No. ____ F.B. 1102 PG. 21

No. ____ Date ____ Date ____ Survey of GORMAN U.S. STUDY

X-Sec. Notes Chk'd. W. EDMONDSON Checked ____ Survey by C.L. WRIGHT Notes C.L.W. Date 15-MAY 68

No. ____ Date JUL 5 '68 Date ____ Map No. ____ Indexed H. E. OTT Date ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3803 880				
T.P.			3200	3800 680		1 x 1
	7778	3808 458				
TP			0655	3807 803		WING WALL
	9595	3817 398				
TP			4388	3813 010		3" BOAT SPK
	6209	3819 219				
TP			4260	3814 959		"
	3065	3818 024				
TP #1A			10245	3807 779		
	4067	3811 846				
BM 102-102			1230	3810 616	SEE PG. 21	3810 606

F. B. 3902 PG. 22

Job No. 0021.27 Division No. Notes Red Plotted Profile

Survey of GORMAN S.S. STUDY Date Date No.

Survey by C.L. WRIGHT Notes C.L.W. Notes Chk'd. W. EDMONDSON Checked X-Sec.

Indexed E. OTT Date 15 MAY '68 Date JUL 5 '68 Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
					GORMAN S.S. STUDY
					PROFILE 7+47.04 TO 18+12.84
					BENCH LEVEL - 7+47.04 TO 18+50.71 AND RETURN
TBM.				3797.969	Pd. L.O.T. - R.P. STA. 7+47.04 Pg 21 FIELD ADJ ELEV 3797.969
	2.738	3800.707			
TBM			3.070	3796.736	" " " " " FIELD ADJ ELEV. 3796.736
					1+2 S.N. Pg 9
7+47.04			2.28	98.43	
7+57.1	M.H. #5		2.52	98.19	CTR. TOP M.H. - No Ring.
7+57.1 3'L	"		20.85	79.86	INLET INVERT
7+57.1 1'R	"		8.06	92.65	NOTE SEE Pg 55 FOR CHANGE 18-JUNE-68 → 8" VCP " " (DROP)
7+58	"		21.04	79.67	OUTLET INVERT
8+00			4.36	96.35	1×1
9+00 TP			9.367	3791.340	1×1
	0.658	3791.998			
10+00			5.02	86.98	1×1
T.P.			8.803	3783.195	
	2.579	3785.774			
11+00			2.37	83.40	1×1

Profile No. 6 Notes Red
X-Sec. No. Plotted
Date Notes Chk'd. JUL 5 '68 Date
W. EDMONDSON Checked
Date Date
Job No. Survey of
Survey by Map No.
Division No. Notes
Indexed H. E. OTT Date
Date 17-MAY-68

F. B. 590 / PG. 23

76-L-298 CE 307 5-66

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F. B. 796 — PG. 64 | Job No. 002127 | Division No. | Notes Red | Plotted | Profile No.
Survey of Gardena Sta. Study | Date | Date | X-Sec. No.
Survey by L. Lillard | Notes C.L.L. | Checked W. EDMONDSON | Notes Chk'd. | Checked
Indexed H. E. CTR | Date 17-MAY '68 | Date JUL 5 '68 | Date

STATION	B. S.	H. I.	F. S.	ELEV.	
		3785 774			
11+13			392	3781 85	TOP CTR-LAMPHOLE COVER
11+13			125	73 3	ELEV. ON BEND DIRECTLY BELOW CTR. LAMPHOLE COVER
+26			441	81 36	F.G. CONC STORM DRAIN RG 10
12+00 TP			5763	3780 011	1x1
	1796	3781 807			
13+00			397	7784	1x1
14+00 TP			6867	3774 940	
	0910	3775 850			
+90			520	7065	CTR. LAMPHOLE COVER
1+90			976	6609	ELEV ON BEND DIRECTLY BELOW CTR LAMPHOLE COVER
15+00			404	7181	1x1
16+00 TP			7213	3768 637	1x1
	2820	3771 457			
17+00			525	6621	
18+00 TP			7310	3764 ~~147~~ 138	3764 138 ADJ ELEV
	5188	3769 335			
+27.8	MH #6		779	6154	TOP CTR. M.H. COVER
+26.3	"		1106	5827	INLET INVERT
+27.0 1°L	"		1088	5845	" " LOOKS LIKE 4"
+28.8	"		1101	5832	OUTLET "

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3769 335				
18+42.84	∡PT.		6611	3762 ~~724~~ 715	ADJ. ELEV 3762 715	FD 1x2 ℄N. Pg. 9
+50.71			7169	3762 ~~166~~ 157	ADJ. " 3762 157	FD. L.&T. Pg. 9
	11 500	3773 666				
TP			2135	3771 531		1x1
	8 893	3780 424				
TP			1085	3779 339		1x1
	11 310	3790 649				
			3531	3787 118		
	8 571	3795 689				
			0973	3794 716		
	5 595	3800 311				
T.B.M.			3558	3796 ~~753~~ 736	FD. L.&T. Pg. 9	
TBM			2324	3797 ~~987~~ 969	" " " 9	3797 969

Profile Notes Red ____ Plotted ____ Job No. 00-1.27 Division No. ____ F.B. 3906 Pg. 63
No. ____ Date ____ Date ____ Survey of GORMAN S.S. STUDY
X-Sec. Notes Chk'd. ____ Checked ____ Survey by C.L. WRIGHT Notes C.L.W. Date 17-MAY 68
No. ____ Date JUL 5 '68 Date ____ Map No. ____ Indexed H. E. CTY Date ____

W. EDMONDSON

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
GORMAN S.S. STUDY - ELEVATIONS ON M.H. COVERS & FLOW LINE INVERTS - VICINITY CARAVAN MOTEL & RESTURANT. SEE F.B. 3902 - PG. 8 - SEE PLANS PER CALIF. DIV. HIGHWAYS, J.N. 0021.27					
TP #3				3790292	Fd. 3" Boat Spk Pg 20
	8912	3799204			
T.P. #2			0855	3798349	Check Shot " " " " " "
T.P. 1+80 7L			3143	3796061	Fd. 6" Boat Spk W. & T. Pg 8
	5800	3801861			
MH #1 SEE Pg 8			874	3793 12	N. INLET (4" VCP) INVERT
" "			998	91 88	W. " 8" VCP "
" "			967	92 19	S.W. " 8" VCP "
" "			1005	91 81	S OUTLET "
" 1+80 " 10' L			606	95 80	TOP M.H. COVER MH #1
M.H. #2 SEE Pg 8			440	97 46	" " " MH #2
3+35 2 10 7 L			1154	90 32	N. INLET INVERT 8" V.C.P.
3+37 2 8 7 L			1176	90 10	W. " " "
+37 2			1487	86 99	W. " " "
+39 2			1495	86 91	S OUTLET " "
MH # 3 SEE Pg. 8			282	99 04	TOP MH COVER MH #3
" " "			589	95 97	W. INLET 4" FIBER PIPE
" " "			966	92 20	" " 8" V.C.P.

F. B. 3902 Pg. 26 Job No. 0021.27 Division No. Notes Red Plotted Profile
Survey of GORMAN S.S. STUDY Date Date No.
Survey by C.L. WRIGHT Notes C.L. WRIGHT Notes Chk'd. W. EDMONDSON Checked X-Sec.
Indexed H. F. OTT Date 20-MAY '69 Date JUL 5 '68 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3801 861				
M.H. #3	SEE PG. 8		9 62	3792 24		OUTLET INVERT 8" V.C.P.
T.P. G-3	"		4 625	3797 236		FD. 6" BOAT SPK PG. 8
	9 840	3807 076				
T.P. G-4			1 820	3805 256		FD. 6" BOAT SPK PG. 8
	5 765	3811 021				
MH #4			5 75	05 271		TOP COVER M.H. #4 PG. 8
"			9 68	01 34		INLET INVERT 6" VCP
"			9 87	01 15		OUTLET " 8" VCP
T.P. #1A			3 255	3807 766	3807 768	FD. 3" BOAT SPK PG. 21

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.27 Division No. ____ F. B. 3702 PG. 21

X-Sec. No. ____ Date ____ W. EDMONDSON Date ____ Survey of Gorman SS. Study

Notes Chk'd. ____ Date ____ Checked ____ Survey by C.L. Wright Notes C.L.W. Date 20-MAY-68

Date JUL 5 '68 Date ____ Map No. ____ Indexed H. E. OTT Date ____

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STATION	B. S.	H. I.	F. S.	ELEV.	
	GORMAN S.S. STUDY BENCH LEVELS FROM 18+50 71 TO B.M. G-52 AND RETURN.				
					E.N. 0021.27
T.B.M. 18+50 71				3762 157	FD. L&T PG. 9, 25
	7 541	3769 698			
T.P. 18+00			5 560	3764 138	FD. 1X1&N. " " " PG 24 T.P. CHECK SHOT
	1 460	3765 598			
T.P.			9 823	3755 775	
	1 780	3757 555			
T.P.			7 818	3749 737	
	1 851	3751 588			
TBM# A			7 922	3743 ~~666~~ 664	FIELD ADJUST 3743.664 SET L&T. TOP-S. SIDE CONC FLOOD (CHANNEL OPPOSITE STA. 27+30 ± @ TOP OF CHANNEL GR. BRK)
	0 464	3744 130			
TP			7 348	3736 782	
	1 365	3738 147			
TP			10 530	3727 617	
	1 269	3728 886			
T.P.			8 580	3720 306	

Profile Notes Red ____ Plotted ____ Job No. 0021.27 Division No. ____
No. ____ Date ____ Date ____ Survey of GORMAN S.S. STUDY
X-Sec. W. EDMONDSON Notes Checked ____ Survey by C.L. MURANT Notes C.L.M. Date 21-MAY '68
No. ____ Date JUL 5 '68 Date ____ Map No. ____ Indexed H. F. OD Date ____

F. B. 7902 PG. 29

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
				3720 306	
	1207	3721 513			
TBM # B			10 446	3711 ~~067~~ 062	SET L&T. SOUTH SIDE TOP CONC. DRAIN OPPOSITE STA. 35+90± FIELD ADJUST 3711.062
	0675	3711 742			
TP			9684	3702 058	
	0530	3702 588			
TP			8740	3693 848	
	0410	3694 258			
TP			9103	3685 155	
	0715	3685 870			
TBM # C			9813	3676 ~~057~~ 049	FD L&T TOP CONC. S. SIDE STORM DRAIN PG 15 FIELD ADJUST 3676.049
	0951	3677 008			
TBM # D			10 840	3666 ~~168~~ 159	FD. L&T TOP CONC. S. SIDE STORM DRAIN PG. 15 FIELD ADJUST 3666.159
	0850	3667 018			
TP			2008	3665 010	
	10090	3675 100			
TP			3685	3671 415	
	8612	3680 027			
BM G-52			4207	3675 ~~820~~ 810	FD. C.E. MON. A 2" I.P. & BRASS CAP SET IN CONC. MARKED G-52 SEE PG. 16. FIELD ADJUST. 3675.810
	3715	3679 535			
TP			8020	3671 515	

F. B. 3902 PG. 30

Job No. 0021.27 Division No. Notes Red Plotted Profile

Survey of GORMAN S.S. STUDY Date Date No.

Survey by C.L. WRIGHT Notes C.L.W. Notes Checked X-Sec.

Indexed H. E. OTT Date 21-MAY '68 Date JUL 5 '68 Date No.

W. EDMONDSON

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.
T.P.				3671 515
	3 451	3674 966		
T.P.			9 580	3665 386
	1 484	3666 870		
T.P.			0 902	3665 968
	10 760	3676 728		
			0 608	3676 120
	8 720	3684 840		
T.P.			0 722	3684 118
	10 062	3694 180		
TP			0 580	3693 600
	9 103	3702 703		
TP			0 772	3701 931
	9 443	3711 374		
TP			0 385	3710 989
	10 083	3721 072		
TP			0 807	3720 265
	8 410	3728 675		
TP			1 115	3727 560
	9 065	3736 625		
TP			2 730	3733 895

Profile Notes Red ____ Plotted ____ Job No. 0021-27 Division No. ____
No. ____ Date ____ Date ____ Survey of GORMAN S.S. STUDY
X-Sec. W. EDMONDSON Notes Clk. ____ Checked ____ Survey by C.L. WRIGHT Notes C.L.W. Date 21-MAY '68
No. ____ Date JUL 5 '68 Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 1102 PG. 91

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STATION	B. S.	H. I.	F. S.	ELEV.		
TP				3733 895		
	8 822	3742 717				
TP			2 213	3740 504		
	6 332	3746 836				
TP			3 120	3743 716		
	7 345	3751 061				
TP			2 284	3748 777		
	8 051	3756 828				
TP			3 140	3753 688		
	9 570	3763 258				
T.B.M. /8+50 71			1 082	3762 ~~176~~ 157	Fd. L Pt Pg 9, 25, 29	3762 157

F. B. 3902 Pg. 2

Job No. 0021.27 Division No. Notes Red Plotted Profile

Survey of GORMAN SS. STUDY Date Date No.

Survey by C.L.WRIGHT Notes C.L.W. Notes Chk'd W. EDMONDSON Checked X-Sec.

Indexed H. E. OTT Date 21-MAY '68 Date JUL 5 '68 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
		GORMAN S.S. STUDY				
		PROFILE & X SECTION STA. 18+50.71 TO STA. 46+34.07				
		J.N. 0021.27				
TBM 18+50.71				3762.157		
	3.01	3765.17				
18+50.3			2.98	62.19		SEE PG 34 TOP EDGE CONC DRAIN
+58.3			5.04	60.13		" " " F.L. " "
+66.4			3.32	61.85		" " " TOP EDGE " "
19+00			3.03	62.14		1×1
+29.0			5.21	59.96	72 L	SEE PG 35 CONCRETE
+43.3			5.63	59.54	41.7 L	" "
+64.2			5.51	59.66		℄ " "
20+00			6.55	58.62		℄ 1×1
20+10.2			8.07	57.10	60.0 L	" "
TP			6.55	3758.62		
	7.61	3766.23				
20+70			8.0	58.2		BOT BRK
21+00			5.10	61.13		1×1
+32			3.9	62.3		TOP BRK

Profile Notes Red ____ Plotted ____ Job No. 0021.27 Division No. ____
No. ____ Date ____ Date ____ Survey of GORMAN S.S. STUDY
X-Sec. W. EDMONDSON Notes Checked ____ Survey by C.L. WRIGHT Notes C.L.W. Date 22-MAY '68
No. ____ Date JUL 5 '68 Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. [illegible] PG. 77

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STATION	B. S.	H. I.	F. S.	ELEV.		
		3766 23				
22+00 TP			6 09	3760 14	1×1	
	3 81	3763 95				
20+38			5 1	58 8		BOT BRK 8° R
20+88			0 1	63 8		TOP " 8° R
21+99.6			1 09	62 86		TOP M.H. COVER 10' R
21+97.6			11 08	52 87		INLET INVERT 10' R
22+00.6			11 14	52 81		OUTLET " 10' R
22+01.02 ⊿ P.T.			3 96	59 99		
22+75			9 2	54 7		BOT BRK 11° R
23+00			7 10	56 7	1×1	
"			8 6	55 3		11° R
TP			7 19	3756 76		
	9 79	3766 55				
24+00			7 40	59 15	1×1	
"			6 5	60 0		11° R
24+60.6			1 93	64 62		TOP M.H. COVER 10' R
24+58.6			15 73	50 82		INLET INVERT 10' R
24+62.6			15 73	50 82		OUTLET " 10' R
+69.67			3 52	63 03	P.O.T. 1×2	
25+00			4 45	62 10	1×1	

F. B. 3902 PG. 54

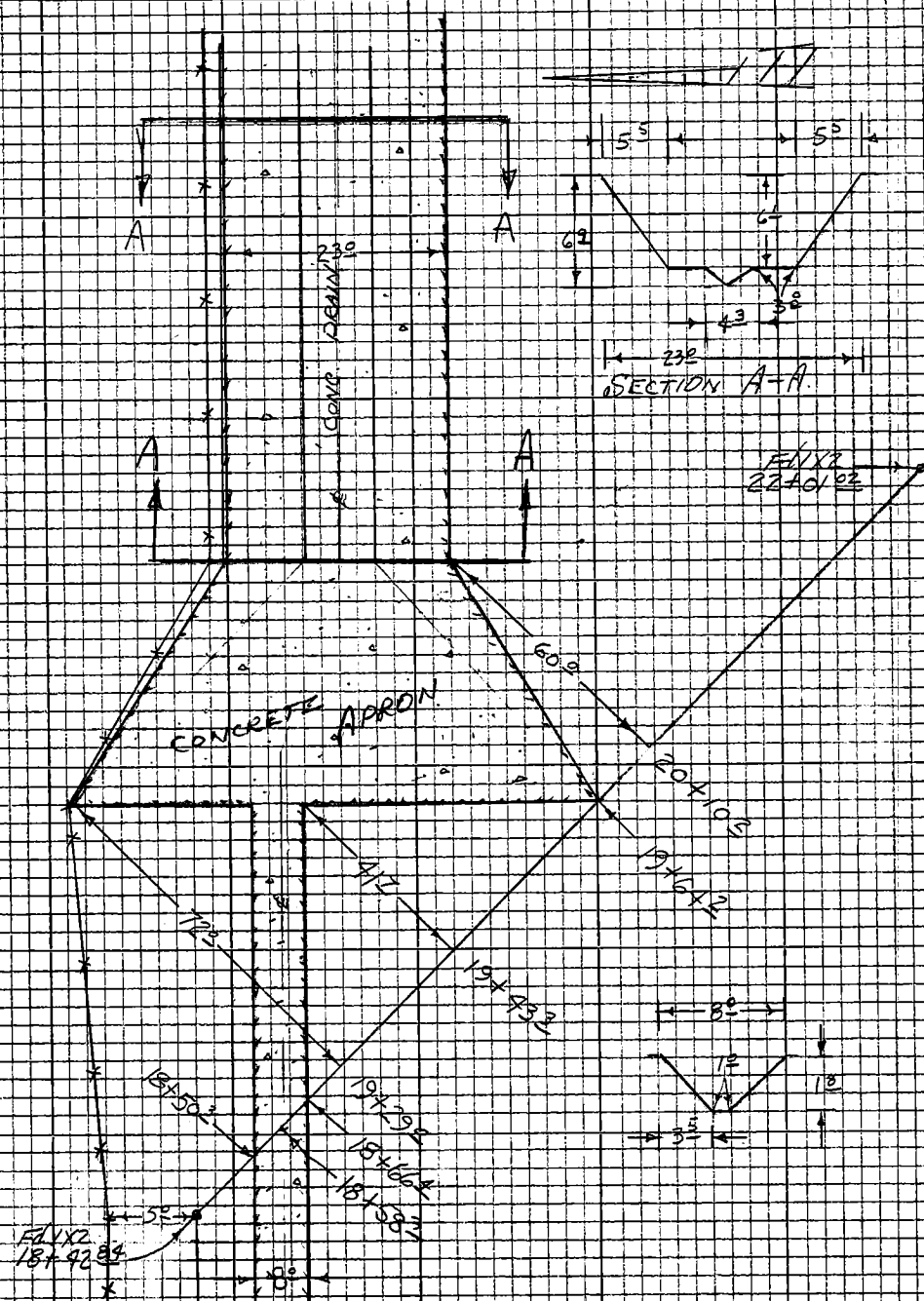
Job No. 0021.27 Division No. Notes Red Plotted Profile

Survey of GORMAN S.S. STUDY Date Date No.

Survey by C.L. WRIGHT Notes C.L.W. Notes Chk'd. W. EDMONDSON Checked X-Sec.

Indexed H. E. CTT Date 22-MAY '68 Date JUL 5 '68 Date No.

Notes Ck'd by	Survey of GORMAN SS. STUDY	F.B. 3902 Pg. 35
Map No.	JN 0021.21 Tape Std °F	
Office Work	Surveyed by C.L. WRIGHT	
Checked	Notes H. C. H. C.L.W. Date APR. '68	
Date	Indexed H. P. OT	



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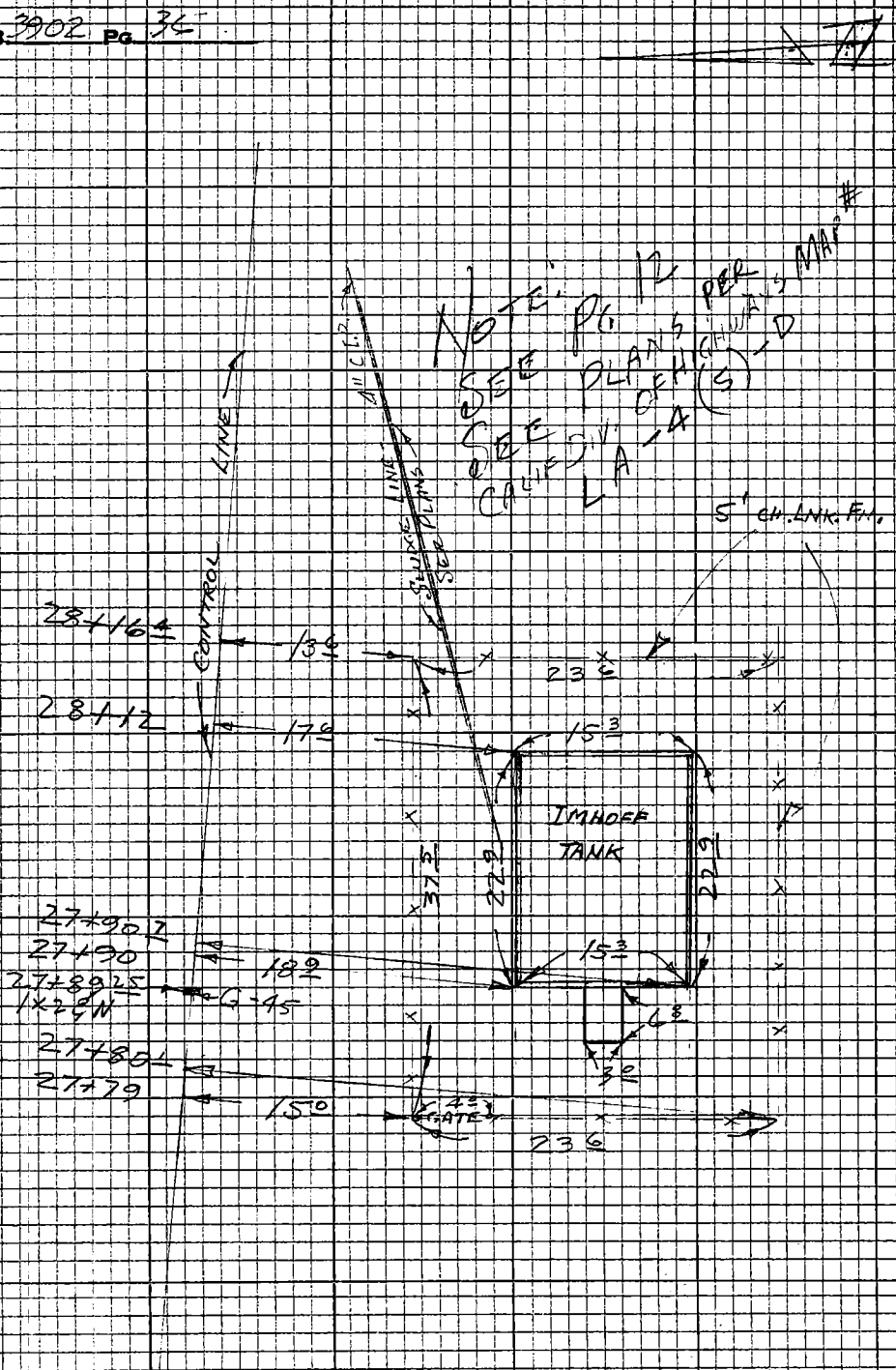
76P3098 CE #310 5-66

F.B. 3902 PG. 36



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STATION	B. S.	H. I.	F. S.	ELEV.		
		3766 55				
25+00			4 3	3762 2'		13° R
26+00			3 39	3763 16'		
	1 19	3764 35'				
26+00			0 9	3763 4'		14 R
+26 76 ¼ PT (G-44)			1 59	62 76'	1x2 Pg 12,	
7+00			5 94	58 41'	1x1	
			5 2	59 1'		19 R
1 +45			9 1	55 2'	73.9 PK	
			11 33	3753 02'		
	0 37	3753 39'				
27+80 25 P.O.T.			3 09	3750 30'	1x2 Pg 12, 36	
			4 2	49 2'	GROUND @ N W COR 5' CH LNK FN.	
			4 1	49 3'	" SW " " " "	
			5 2	48 2'	" SE " " " "	
			4 9	48 5'	" NE " " " "	
			4 87	48 52'	TOP N.W. COR IMHOFF TANK	
			4 85	48 54'	" SW " " "	
			4 77	48 62'	" SE " " "	
			4 82	48 57'	" NE " " "	
84°	26 5 C		6 37	3747 02'	INLET INVERT IMHOFF TANK	

SEE PG 36 FOR LOCATION

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.27 Division No. ____
X-Sec. No. ____ Date ____ Notes Chk'd. W. EDMONDSON Date ____ Checked ____ Survey of GORMAN S.S. STUDY Survey by C.L. WRIGHT Notes C.L.W. Date 22-MAY '68
Date JUL 5 '68 Date ____ Map No. ____ Indexed H. F. OTT Date ____

F.B. 3906 PG. 21

76-L-298 CE 307 5-66

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Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red ____ Date ____ Notes EDMONDSON Date JUL 5 '68
Division No. ____ Job No. 021.21
Survey of Gorman S.S. Study
Survey by C.L. Wright Notes C.L.W.
Indexed H.E. Ott Date 23-MAY '65
F. B. 1300 Pg. 18

STATION	B. S.	H. I.	F. S.	ELEV.	
		3753.39			
28+12, 25.2 R			6.51	3746.88	SEE PG. 36 E. END OUTLET INVERT IN HOFF TANK
28+21			6.87	46.52	THIS IS THE END OF THE PIPE " " 8" VCP 2A-7R
28+00			4.03	49.36	1X1
29+00 T.P.			9.29	3744.10	1X1
	3.01	3747.11			
29+00			1.1	3746.01	TOP BERM 6'R
"			4.2	42.91	F.L. DITCH 11'R
29+54			2.8	44.31	TOP BERM 6'R
"			4.9	42.21	F.L. DITCH 11'R
29+75			5.2	41.91	TOE FILL (BERM
3+00			2.83	44.28	1X1
"			2.7	44.41	TOP BERM 2'R
"			4.3	42.81	F.L. DITCH 5'R
30+25			2.8	44.31	TOP BERM
"			5.0	42.11	F.L. DITCH 3'R
30+50			3.28	43.83	1X1
31+00 T.P.			7.32	3739.79	N. EDGE OLD BERM 1X1
	1.68	3741.47			
31+25			3.3	38.2	BOT. SLK
+60			0.3	41.2	TOP BERK N. EDGE OLD BERM

76-L-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.		
		3741 47				
31+79.89	∢PT (G-46)		0 67	3740 80	1×2 Pg. 13	
32+00			6 25	35 22	Bot Sak	
33+00			6 32	35 15	1×1	
+70.93	TP		5 89	3735 58	Top Berm-W. end Lake 1×2	
	5 48	3741 06				
35+00			5 08	3735 98	#60d spike	
+77.01	∢PT. G-47		5 81	3735 25	1×2 Pg. 14	
	3 74	3738 99				
36+00			5 86	3733 13	1×1	
+50			5 0	34 0	N. edge Berm	
"			5 3	33 7		S. edge Berm 16°R
"			6 3	32 7		F.L. Ditch 26°R
37+00			6 39	32 60	#60d spike N edge Berm	
"			5 9	33 1		S. edge Berm 8°R
"			7 8	31 2		F.L. 17°R
TP			6 [illegible]	3732 60		
	4 78	3737 38				
37+50			9 0	3728 4	S H	
"			6 6	30 8		Top Bk 8°R
"			4 7	32 7		Top Berm 20°R

Profile Notes Red ____ Plotted ____ Job No. 0021.27 Division No. ____
No. ____ Date ____ Date ____ Survey of Gorman St. Study
X-Sec. Notes Chk'd. W. EDMONDSON Checked ____ Survey by C.L. Wright Notes C.L.W. Date 23-May '68
No. ____ Date JUL 5 '68 Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 5982 Pg. 59

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.			
		3737 38					
37+50			6 8	3730 6			F.L. DITCH 30°R
38+00			10 4	27 0		1×1 S.H.	
"			6 8	30 6			TOP BRK 11°R
"			5 8	31 6			" " 32°R
"			8 5	28 9			F.L. DITCH 40 R
38+76 25 K PT (G-48)			11 46	3725 92		1×1 Pa.14	
	0 57	3726 49					
39+00			2 91	23 58		1×1	
"			3 9	22 6	12°L TOP BRK		
"			3 6	22 9			TOP BRK 10°R
"			11 9	14 6			F.L. DITCH 20°R
39+35			8 00	18 49		TOP BRK 1×1	
"			9 4	17 1	25°L TOP BRK		
"			15 6	10 9			F.L. DITCH 20°R
T.P.			12 30	3714 19			
	0 66	3714 85					
39+65			5 10	3709 75		TOP BRK 1×1	
"			5 1	09 7	18°L TOP BRK		
"			7 0	07 8			TOP BRK 12°R
"			9 5	05 3			F.L. DITCH 16°R

F. B. 3902 Pg. 40
Job No. 0021.27 Division No. Notes Red Plotted Profile
Survey of Gorman E.S. Study Date Date No.
Survey by C.L. Wright Notes C.L.W. Notes Chk'd. W. EDMONDSON Checked X-Sec.
Indexed H. E. Ott Date 23-MAY 68 Date JUL 5 '68 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.			
		3714 85					
40+00			10 02	3704 83		1×1	
			10 3	045	9° L TOP BRK		
			10 0	038			TOP BRK 8° R
			13 2	016			F.L. DITCH 10° R
			10 02	3704 83			
71	094	3705 77					
41+00			6 00	3699 77		1×1	
			5 9	999	7° L TOP BRK		
			6 0	998			TOP BRK 5° R
			8 5	973			F.L. DITCH 13° R
41+68.3 Sta.		(G-49)	5 31	3700 46		1×2 P815	
			5 0	3700 81	3° L TOP BRK		
			7 2	3698 61			TOP BRK 18° R
X SEC TAKEN ON SPL. T OF P.I. & T.P.			10 6	952			F.L. DITCH 25° R
			5 88	3699 69			
	140	3701 29					
42+00			14 0	3699 89		#60d SPIKE	
			14	999	5° L TOP BRK		
			3 9	974			TOP BRK 18° R
			7 4	939			F.L. DITCH 25° R

Profile No. ____ Notes Red ____ Plotted ____ Job No. 00 2177 Division No. ____
X-Sec. No. ____ Date ____ Notes Chk'd. W. EDMONDSON Date ____ Checked ____ Survey of GORMAN-LOS ALAMITOS Survey by C.L. BURKHART Notes C.L.W. Date 23-MAY-'68
Date JUL 5 '68 Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 3907 PG 41

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.			
		3701 29					
42+50			5 00	3696 24		S.H. 1×1	
"			11 6	897	12° L Bot. Fill		
"			3 7	976		Top Brk	3° R
"			4 6	967		" "	16° R
"			8 1	932		F.L. Ditch	24° R
43+00			12 00	89 29		#60d wire spk	
			11 7	896		Bot Brk	7° R
			6 4	949		Top "	17° R
			6 3	950		" "	25° R
			9 4	919		F.L. Ditch	33° R
	TP		7 64	3693 65			
	3 64	3697 29					
43+00			10 26	87 03		#60d wire spk.	
+30			6 40	90 89		1×1	
46+34 07 (G-53)			6 97	3690 32		Fo. 1×2 Pg. 15	
	0 60	3690 92					
	TP		6 20	3684 72			
	1 09	3685 81					
	TP		11 35	3674 46			

F. B. 3002 PG. 42
Job No. 0021.27 Division No.
Survey of Gorman S.S. Study
Survey by C.L. Wright Notes C.L. Wright
Indexed W. S. Stb Date 23 May 28
Notes Red Plotted Date
Date Checked W. EDMONDSON Date
Date JUL 5 '68
Profile No. X-Sec. No.

F. B. 7902 PG. 43

Profile No. _____ Notes Red _____ Date _____ Plotted _____ Date _____ Job No. 0021.27 Division No. _____

X-Sec. No. _____ Notes Chk'd. W. EDMONDSON Date JUL 5 '68 Checked _____ Date _____ Survey of GORMAN S.S. STUDY Survey by C.L. WRIGHT Notes C.L.W. Date 23-MAY '68 Map No. _____ Indexed H. E. OTT Date _____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.
TP	624	680 70'		3674.46'
P.M. G-52			494	3675 76'

FIELD ADJ ELEV. FD. A.C.E. MON. - 2" I.P. & BRASS CAP SET IN CONC. PL. 16, 30.

76-L-298 CE 307 5-66

76S614 CE301 7-57

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Do not extend notes this side of this line

Transit Topog. on Ponds & Structures that were not practical to locate by X-Section or plus & offset.

Plotted on Sheet H-173

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	± Vertical Angle	Elevation of Point	± Back Sight	± Difference Elevation	Height of Instrument	± Vertical Distance	REMARKS Station Left Right
G-46	G-45				0.00			3740.80	5 1		3745.9		31+79.89
		566 / 5	.66	5.3	353.29	66	0.00	45.7	5	0.2		1.0	Top Berm - 6' wide
Pc 13	Pc 12	345 / 2	1.45	3.0	14.58	144	94.05	32.6	6	13.3		10.3	Top 4" C.I.P. OUTLET SLUDGE
		509 / 4	1.09	4.0	3.27	109	90.53	40.2	7	5.7		1.7	Top Berm 6' wide
		585 / 4	1.85	5.0	10.04	185	90.51	38.2	8	7.7		2.7	SH
		352 / 2	1.52	3.0	22.52	152	92.16	36.9	9	9.0		6.0	Top Berm
		509 / 4	1.09	4.0	36.56	109	92.51	36.5	10	9.4		5.4	Top Berm
		380 / 3	.80	3	66.00	79	95.50	34.8	11	11.1		8.1	Top Berm SLUDGE TANK
		380 / 3	.80	3	106.27	79	96.22	34.1	12	11.8		8.8	Start dam 18' wide
		362 / 3	.62	3	124.15	60	100.04	32.2	13	13.7		10.7	✓
		443 / 4	.43	4	142.27	41	102.05	33.1	14	12.8		8.8	✓
		324 / 3	.24	3	189.44	23	98.41	39.3	15	6.6		3.6	Berm
		360 / 3	.60	3	96.47	56	104.21	28.5	16	17.4		14.4	High Water MARKT
		393 / 3	.93	3	38.00	91	98.02	30.0	17	15.9		12.9	✓ ✓
		338 / 2	1.38	3	14.53	137	94.43	31.6	18	14.3		11.3	✓ ✓
		664 / 6	.64	6	14.42	62	99.50	29.1	19	16.8		10.8	✓ ✓
		533 / 5	.33	5	33.59	31	112.35	29.2	20	16.7		11.7	SLUDGE TANK (DRY) ✓ ✓
		533 / 5	.33	5	129.40	31	114.07	28.6	21	17.3		12.3	✓ ✓ ✓

Add'n'l Inform.

Notes Red. ____ Platted ____ Job No. ____ Division No. ____ P.B. ____ PG. ____

Date ____ Date ____ Survey of Gorman S.S. Study

Notes Chkd. ____ Checked ____ Survey by C.L. Wright Notes B.A.P. CLW Date 29-Apr. '68

Date ____ Date ____ Map No. H-173 Indexed H. E. Ott Date ____

76S614 CE301 7-57

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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

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	± Vertical Angle	Elevation of Point	+ Back Sight	± Difference Elevation	Height of Instrument	± Vertical Distance	REMARKS Station Left Right
									1				
									2				
									3				
G46	G45							37408	51		37459		
Pc 13	Pc 12	540 / 5	40	5	119.23	36	106.31	37300	4	159		109	ditch thru dam
		566 / 5	66	5	147.10	63	101.34	279	5	180		130	✓ ✓ ✓
		543 / 5	43	5	180.39	42	96.42	359	6	100		50	Top Berm
		511 / 4	111	4	161.07	111	93.28	352	7	107		67	✓ ✓
		580 / 4	180	5	162.28	180	91.55	349	8	110		60	✓ ✓
		580 / 4	180	5	169.25	180	91.49	352	9	107		57	✓ ✓
		563 / 4	163	5	178.40	163	91.54	355	10	104		54	✓ ✓
		400 / 3	100	4	201.14	100	91.42	389	11	70		30	✓ ✓
		470 / 4	70	4	207.03	70	91.44	398	12	61		21	✓ ✓
		532 / 5	32	5	197.10	32	91.45	399	13	60		10	✓ ✓
		562 / 5	62	5	185.18	61	97.41	327	14	132		82	High Water Mar.
		612 / 5	112	6	165.45	111	93.40	328	15	131		71	✓ ✓
		674 / 5	174	6	165.06	174	92.19	299	16	160		100	✓ ✓
		659 / 5	159	6	177.57	159	92.00	349	17	110		55	✓ ✓
		611 / 5	111	5	190.06	111	92.58	352	18	107		57	✓ ✓
		588 / 5	88	5	199.16	88	93.40	353	19	106		56	✓ ✓
									20				
									21				

P.C. 7123
RAUDER 1968

(DRY TANK)

Add'n'l Inform.

F.B. ... PG. 46

Topography Description Legend:
Side Hill.....S.H. Bottom Draw.B.D.
Side of Draw.S.D. Bottom Wash B.W.
Side of Ridge.S.R. Top of Ridge.T.R.
Head of Draw H.D. Toe of Slope..T.S.

Inters. of Draws V.D's Break in Slope..Bk.S. Steep Slope.....S.S. Top of Cliff.....T.Cl. Bottom of Cliff..B.Cl. Top of Spur.....T.Sp. Bottom Canyon..B.Cn.

Side of Canyon S.Cn. Top of Bank...T.B. Bottom of Bank.B.B. Top of Cut.....T.C. Bottom of Cut..B.C. Top of Fill.....T.F. Bottom of Fill.B.F.

Saddle .....Sa. Swale .....Sw. Flat .....Fl. Stream .....Str. Trail .....Tr. Pavement ....Pvt. Edge of Road E.Rd.

Traveled Rd. Tr.Rd. Fence .....Fn. Int. Fences.V.Fns. Ditch .....Di. Telephone.Pole T.P. Power Pole....P.P. Culvert .....Cul.

Oak-O. Fir-Fr. Pine-Pi. Cedar-Ce. Sycamore .....Sy. Eucalyptus .....Eu. Plus combinations of these and all common standard abbreviations.

765614 CE301 7-57

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Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ Vertical Angle	Elevation of Point	+ Back Sight	+ Difference Elevation	Height of Instrument	+ Vertical Distance	REMARKS Station Left Right
G 46	G 45							37408	5 1		37459		
		760 / 6	160	7	359 06	160	88 48	422		37		+ 33	ditch. ℄
Pc 13	Pc 12	676 / 6	76	6	341 50	76	89 05	411		48		+ 12	✓
		432 / 410	22	42	270 43	22	0 00	417		42			✓
		743 / 655	88	30	219 02	88	0 00	429		30			✓
		815 / 70	115	89	200 08	115	0 00	370		89			✓
		810 / 6	210	7	175 29	210	91 34	332		127		57	✓
		650 / 50	150	60	14 14	150	92 14	344		115		55	GATE VALVE - SLUDGE LINE
		599 / 500	99	50	178 48	98	97 00	289		170		120	BOT. DRY TANK
		619 / 500	119	60	178 25	118	94 55	297		162		102	" " "
35+00	G-46				0 00			37359 8	5 1		37411		
Pc 39				51	311 00	120	0	360		51			TOP BANK EDGE LAKE
		570 / 5	70	58	28 19	70	0	353		58			✓ ✓ ✓
		608 / 5	108	57	15 45	108	0	354		57			Cen Berm 10' Wid
		624 / 5	124	56	3 07	124	0	355		56			✓ ✓ ✓
		533 / 4	133	5	337 30	133	90 51	361		50			Top Bank
		720 / 6	120	691	324 20	120	0	342		69			✓ ✓
		800 / 7	100	813	299 52	100	0	330		81			Water Lev.
		706 / 6	106	705	293 23	106	0	340		71			Top Bank

Add'n'l Inform

Notes Red. ____ Platted ____ Job No. ____ Division No. ____ F.B. 7706 PG. 41

Date ____ Date ____ Survey of GORMAN SS STUDY

Notes Chkd. ____ Checked ____ Survey by C.L. WRIGHT Notes B.A.P. CLW Date 29-APR. '68

Date ____ Date ____ Map No. H-173 Indexed B. E. OTT Date ____

76S614 CE301 7-57

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Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ Vertical Angle	Elevation of Point	+ Back Sight	+ Difference Elevation	Height of Instrument	+ Vertical Distance	REMARKS Station Left Righ
35+00	G46							3735.98	5.1		3741.1		
		822 / 7	122	8.09	272.11	122	0	33.0					Edg. water S.H.
		808 / 7	108	8.21	247.09	108	0	33.0					✓ ✓ ✓
		795 / 7	95	8.09	228.13	195	0	33.0					✓ ✓ ✓
		1115 / 10	115	8.55	213.52	115	0	32.5					S.H. edge ditch
		495 / 4	95	4.92	30.41	95	0	36.2					Top Fill
		636 / 6	36	5.86	97.05	36	0	35.2					✓ ✓
		660 / 6	60	6.08	164.15	60	0	35.0					✓ ✓
		434 / 4	34	4.48	220.53	34	0	36.6					Top Bank
		876 / 8	76	8.1	221.02	76	0	33.0					Edge Water
		820 / 8	20	8.1	298.15	20	0	33.0					✓ ✓
		770 / 7	70	8.1	23.10	70	0	33.0					✓ ✓
		811 / 7	111	8.1	3.31	111	0	33.0					✓ ✓
		834 / 7	134	8.1	347.56	134	0	33.0					✓ ✓

Add'n'l Inform.

F.B. [illegible] PG. [illegible]

Topography Description Legend:
Side Hill....S.H. Bottom Draw.B.D.
Side of Draw.S.D. Bottom Wash B.W.
Side of Ridge.S.R. Top of Ridge.T.R.
Head of Draw H.D. Toe of Slope..T.S.

Inters. of Draws.V.D's Break in Slope..Bk.S. Steep Slope.....S.S. Top of Cliff.....T.Cl. Bottom of Cliff..B.Cl. Top of Spur.....T.Sp. Bottom Canyon..B.Cn.

Side of Canyon S.Cn. Top of Bank..T.B. Bottom of Bank.B.B. Top of Cut.....T.C. Bottom of Cut..B.C. Top of Fill.....T.F. Bottom of Fill.B.F.

Saddle .....Sa. Swale .....Sw. Flat .....Fl. Stream .....Str. Trail .....Tr. Pavement ....Pvt. Edge of Road E.Rd.

Traveled Rd. Tr.Rd. Fence .....Fn. Int. Fences.V.Fns. Ditch .....Di. Telephone.Pole T.P. Power Pole...P.P. Culvert .....Cul.

Oak-O. Fir-Fr. Pine-Pl. Cedar-Ce. Sycamore ....Sy. Eucalyptus ....Eu. Plus combinations of these and all common standard abbreviations.

765614 CE301 7-57

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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

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle D° to 360° Right	Horiz. Distance	± Vertical Angle	Elevation of Point	± Back Sight	± Difference Elevation	Height of Instrument	± Vertical Distance	REMARKS Station	Left	Right
					° '		° '								
					° '		° '								
					° '		° '								
					° '		° '								
					° '		° '								
53	49				0 00			369032	50		36953				
		9.40			° '		° '								
		6	340	6 26	5 09	340	0	890					TopFill N. Edge Dirt Rd. 18' Wide		
		980													
		7	280	8 64	5 29	280	0	867							
		1069													
		9	169	10 28	17 13	169	0	850							
		1175													
		11	75	11	38 19	75	91 40	821		13 2		2 2			
		1144													
		11	44	11	118 36	44	94 11	811		14 2		3 2			
		12													
		11	100	11	167 11	100	92 09	805		14 8		3 8			
		348													
		1	248	2 39	351 33	248	0	929							
		380													
		2	180	2 60	0 11	180	0	927					& Berm 10' Wide		
		433													
		3	133	2 95	5 04	133	0	923						14	
		465													
		4	65	4 33	5 54	65	0	910						12	
				4 8	270 00	3 0	0	905						10	
		332													
		5	32	2 65	225 35	32	0	926						6	
		662													
		4	262	5 9	348 47	262	0	894						9	
		605											Edge Water		
		4	205	5 9	351 22	205	0	894							
		654													
		5	154	5 9	0 02	154	0	894							
		478													
		4	78	5 9	358 00	78	0	894							
					327 07	10 0									

Add'n'l Inform

Notes Red. ____ Platted ____ Job No. 0241.01 Division No. ____ F.B. 1306 Pg. 49
Date ____ Date ____ Survey of Portmill S.S. Study
Notes Chkd. ____ Checked ____ Survey by C.L. Wright Notes R.A.P. Date 20-Apr. 68
Date ____ Date ____ Map No. H-173 Indexed H.E. Ott Date ____

TG/5
Pg. 15

76S614 CE301 7-57

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Do not extend notes this side of this line

Oak-O. Fir-Fr. Pine-Pi. Cedar-Ce. Sycamore ....Sy. Eucalyptus ....Eu. Plus combinations of these and all common standard abbreviations.

Traveled Rd. Tr.Rd. Fence .....Fn. Int. Fences.V.Fn. Ditch .....Di. Telephone Pole T.P. Power Pole...P.P. Culvert .....Cul.

Saddle .....Sa. Swale .....Sw. Flat .....Fl. Stream .....Str. Trail .....Tr. Pavement .....Pvt. Edge of Road E.Rd.

Side of Canyon S.Cn. Top of Bank...T.B. Bottom of Bank B.B. Top of Cut.....T.C. Bottom of Cut..B.C. Top of Fill.....T.F. Bottom of Fill B.F.

Inters. of Draws V.D's Break in Slope...Bk.S. Steep Slope.....S.S. Top of Cliff.....T.Cl. Bottom of Cliff..B.Cl. Top of Spur....T.Sp. Bottom Canyon..B.Cn.

PG.

Topography Description Legend:
Side Hill.....S.H. Bottom Draw.B.D.
Side of Draw.S.D. Bottom Wash B.W.
Side of Ridge.S.R. Top of Ridge.T.R.
Head of Draw H.D. Toe of Slope..T.S.

F.B.

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ Vertical Distance	REMARKS Station	Left	Right
					° '		° '								
					° '		° '								
					° '		° '								
G53	G49				° '		° '	369082	50		36953				
		540 / 9	40	5 9	246 18	40	0 ° '	894					Water Lev. @ S.H.		
Pg 15	Pg 15	564 / 5	64	5 9	293 06	64	0 ° '	894							
		550 / 4	150	5 9	321 29	150	0 ° '	894							
		700 / 5	200	5 9	333 16	200	0 ° '	894							
		665 / 4	265	5 9	346 03	265	0 ° '	894							
			20	6 2	191 17	20	0 ° '	891					OUTLET - TWO 3" GALV. PIPE		
		1150 / 11	50	11 0	178 24	50	92 38	820		133		23	F.L. OUTFALL STREAM		
		1147 / 11	47	11 0	138 51	47	94 09	810		143		34	" " "		
		1020 / 9	120	10 0	114 12	114	102 21	804		149		49	F.L. INV. 36" C.M.P. (INLE		
		1060 / 9	160	10 0	118 24	155	99 49	583		370		270	FL " " " OUTL		
G49	G53				0 00			370096	52		37057				
		1040 / 10	40	10 0	272 37	40	95 57			141		41	N EDGE 17' DIRT RD.		
Pg. 15	Pg. 15	1091 / 10	91	10 0	202 01	91	92 05	36916		134		34			
		1215 / 10	215	11 1	189 54	215	0 ° '	36947							
		1227 / 10	227	11 0	191 02	227	90 48	915		142		32	F.L. DITCH THIS DITCH CUTS RD. - NO CULVERT		
		1035 / 7	335	8 3	183 19	335	0 ° '	974					SAME DITCH		
		1218 / 10	218	11	191 34	218	90 28	929		128		18	INT. S. EDGE DIRT RD. W/N. EDGE DIRT RD.		

Add'n'l Inform.

76S614 CE301 7-57

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Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station	Left	Right
-49	G-53				0° 00'		° '	3700 46	5 2		3705 7				
		6 6 5 / 2	465	4°	182° 04'	465	89° 33'	3705 3		04		+ 36	Top Conc. S. Edge Drain N. Edge Dirt Rd.		
		1 2 2 5 / 1 0	225	11°	195° 56'	225	90° 36'	3692 3		134		24	SAME		
PG. 15	PG. 15	1 1 1 0 / 1 0	110	11°	260° 49'	108	97° 02'	81 3	Sour	24 4	Shot	134	SAME		

Notes Red. ____ Platted ____ Job No. 0021.61 Division No. ____ F.B. 3702 PG. 31

Date ____ Date ____ Survey of GORMAN S.S. STUDY

Notes Chkd. ____ Checked ____ Survey by C.L. WRIGHT Notes BAP. Date 30-APR. '68

Date ____ Date ____ Map No. H-173 Indexed B.E. OTT Date ____

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Fir-Fr. Pine-Pi. Cedar-Ce. Oak-O. Sycamore ....Sy. Eucalyptus ....Eu. Plus combinations of these and all common standard abbreviations.

Traveled Rd. Tr. Rd. Fence .....Fn. Int. Fences V. Fn. Ditch .....Di. Telephone Pole T.P. Power Pole....P.P. Culvert .....Cul.

Sa. .....Sw. Saddle .....Fl. Swale .....Str. Flat .....Tr. Stream .....Pvt. Trail Pavement Edge of Road E.Rd.

Side of Canyon S.Cn. Top of Bank..T.B. Bottom of Bank..B.B. Top of Cut..T.C. Bottom of Cut..B.C. Top of Fill..T.F. Bottom of Fill..B.F.

Inters. of Draws V.D's Break in Slope...Bk.S. Steep Slope.....S.S. Top of Cliff.....T.Cl. Bottom of Cliff..B.Cl. Top of Spur....T.Sp. Bottom Canyon..B.Cn.

F.B. PG.

Topography Description Legend:
Side Hill.....S.H. Bottom Draw..B.D.
Side of Draw..S.D. Bottom Wash B.W.
Side of Ridge..S.R. Top of Ridge..T.R.
Head of Draw H.D. Toe of Slope..T.S.

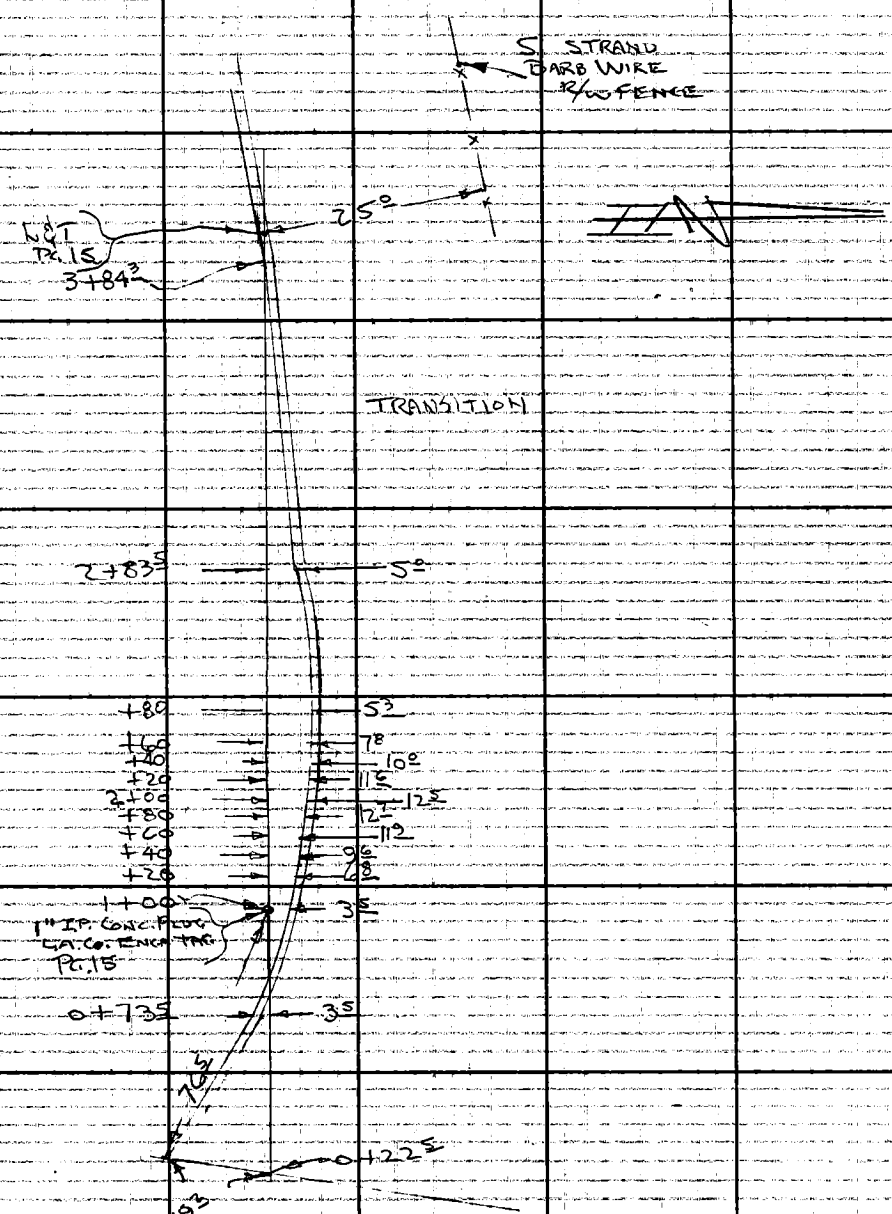
Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station	Left	Righ
					° '		° '		1						
					° '		° '		2						
					° '		° '		3						
					° '		° '		4						
G·41	G·42				° '		° '		S 1 5						
		610	510	4 0	134 39		88 04						@ FENCE & GATE		
		515	415	3 0	134 45		88 18		6				℄ 24' WIDE PAVED RD.		
		478	378	3 0	134 48		88 22		7				"		
		482	282	3 0	134 29		88 36		8				"		BG
		381	181	3 0	130 41		88 36		9				"		
		295	95	3 0	113 13		88 06		10				"		
		270	70	2 0	93 07		88 34		11				"		
		196	96	1 0	71 40		93 31		12				"		END
		286	186	2 0	358 07		92 21		13				℄ DIRT RD 15' WI		
		381	281	2 0	349 21		91 58		14				"		
		778	378	6 0	344 32		91 08		15						
		878	478	6 0	341 23		91 12		16						
		978	578	7 0	339 06		91 06		17						
		1078	678	8 0	337 30		91 01		18						
					° '		° '		19						
					° '		° '		20						
					° '		° '		21						

Add'n'l Inform.

Notes Ck'd by	Survey of GORMAN S.S. STUDY
Map No.	JN00 21.27 Tape Std °F
Office Work	Surveyed by C. L. WRIGHT
Checked	Notes C.L.W. Date 8-10-68
Date	Indexed W. E. OFF

F. B. 3902 Pg. 53

South edge of Conc. Drain



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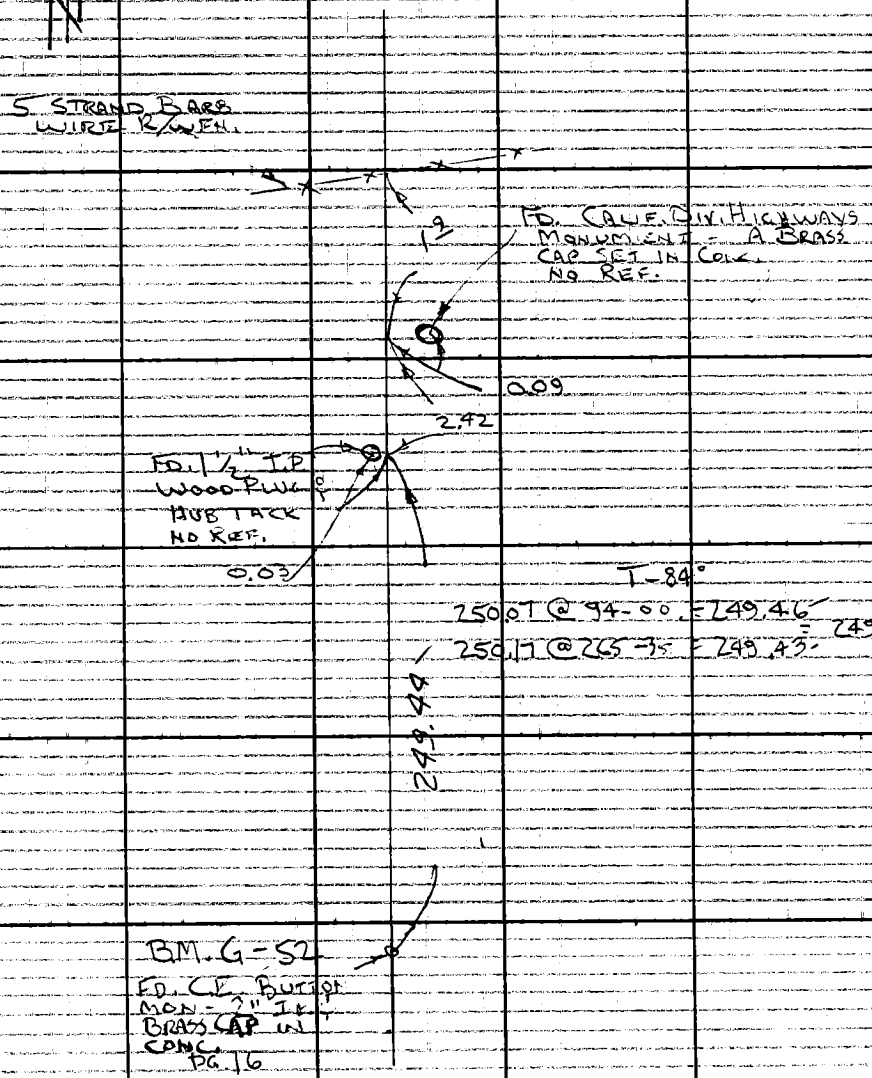
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F30PS CE #310 6-63

F.B. 3902 PG. 54

Tie to State Hwy Mon.
Near Freeway Fence.
Mon has no individual
identification



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76-L-298 CE 307 2-63

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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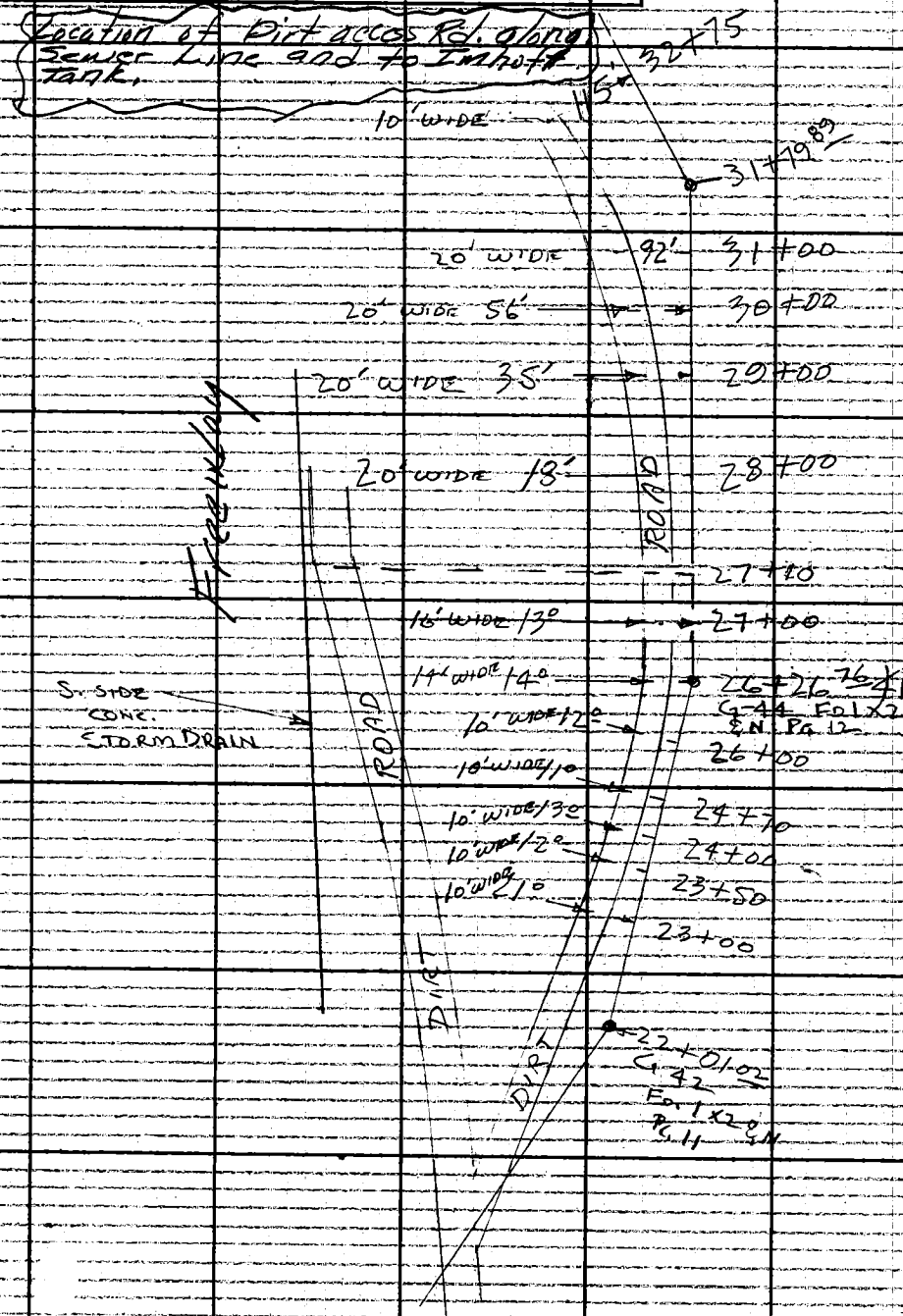
STATION	B. S.	H. I.	F. S.	ELEV.		
	GORMAN SANITARY SEWER STUDY. CONDITION OF MANHOLE INVERTS. A					
			J.N. 0021.27			
M.H. #1	Pg. 8	BOTTOM - LIGHT DEBRIS - CONCRETE TROWLED INVERT - RUNNING FREE				
M.H. #2	"	BOTTOM UNIDENTIFIED DUE TO GREASE MAT.				
M.H. #3	"	BOTTOM CLEAN - 8" V.C.P. CUT @ SPRING LINE FOR INVERT. RUNNING FREE				
M.H. #4	"	BOTTOM CLEAN - CONCRETE TROWLED INVERT, RUNNING FREE				
M.H. #5	Pg. 9	BOTTOM UNIDENTIFIED DUE TO DEBRIS NOTE: ON THIS DATE THE 8" INLET FROM THE SOUTH WAS BEING CHANGED AND INSTALLED @ THE BOTTOM OF THE M.H. SEE Pg. 23 FOR OLD PROFILE ELEV. (NO MANHOLE RING THIS DATE)				
M.H. #6	Pg. 10	BOTTOM UNIDENTIFIED DUE TO ROCKS, DIRT & DEBRIS. THE OUTLET PIPE ABOUT 1/3 FULL - RUNNING SLOW, INDICATES PARTIAL STOPPAGE TO THE SOUTHEAST.				
M.H. #7	Pg. 11	BOTTOM - LIGHT DEBRIS - CONCRETE TROWLED INVERT - RUNNING FREE				
M.H. #8	"	BOTTOM - LIGHT DEBRIS - CONCRETE TROWLED INVERT - RUNNING SLOW				

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0021.27 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of GORMAN SS STUDY
Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by C.L. WRIGHT Notes C.L.W. Date 18-JUNE '68
Map No. ____ Indexed ____ Date ____ H.E. OTT

Notes Ck'd by	Survey of GORMAN S.S. STUDY
Map No.	JN 0021.27 Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date June '68
Date	Indexed H.E. DIT

F. B. 3902 PG. 57

Location of Dirt access Rd. along Sewer Line and to Imhoff Tank.



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76F3098 CE #310 6-63

Notes Ck'd by		Survey of HONOR RANCHO	F.B. 3902 Pg. 61
Map No.		JN 8589.01 Tape 193 Std 84 °T	
Office Work		Surveyed by C.L. WRIGHT	
Checked		Notes C.L.W. Date SEPT '68	
Date		Indexed C. J. CALLI OCT 24 68	

WAYSIDE HONOR RANCHO SANITARY SEWER

J.N. 8589.01

REFERENCES:

F.B.	907
"	970
"	2769
"	2796
"	3721

PARTY:

C. L. WRIGHT
R. H. ALMANZAN
B. A. PEAVY
R. M. NEVAREZ
L. G. KEISNER

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402 LOS ANGELES COUNTY ENGINEERING BLDG.

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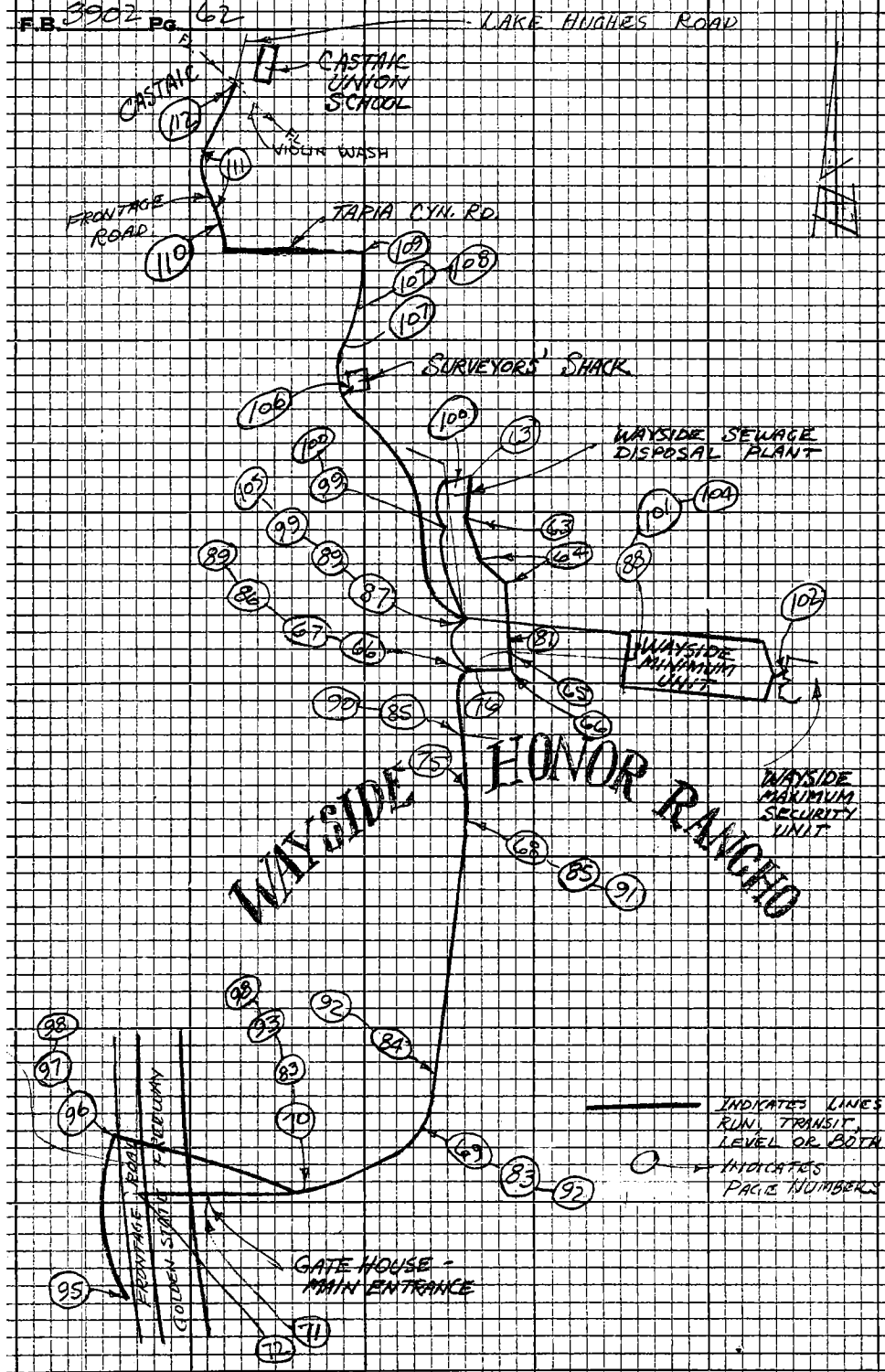
76P3098 CE #310 5-68

INDEX

F.B. 3902 Pg. 62



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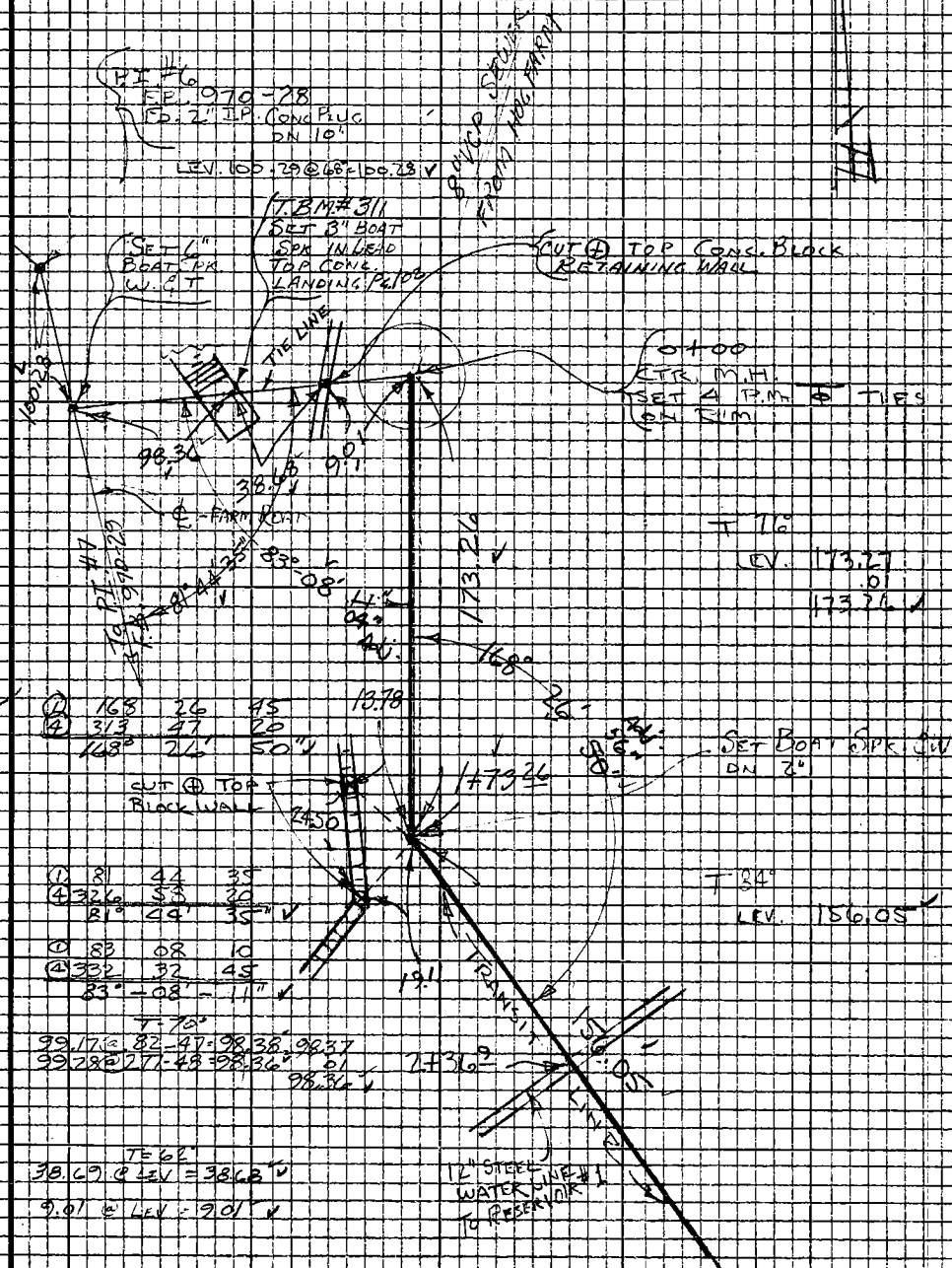
Notes Ck'd by D. SAPPELL	Survey of HONOR RANCHO
Map No.	JN 8589.01 Tape 193 Std 84 °F
Office Work	Surveyed by C. L. WRIGHT
Checked	Notes C. L. W. Date SEPT. '68
Date	Indexed C. J. GALLI OCT 2 '68

F.B. 3902 Pg. 63



CONT TOP PG. 64

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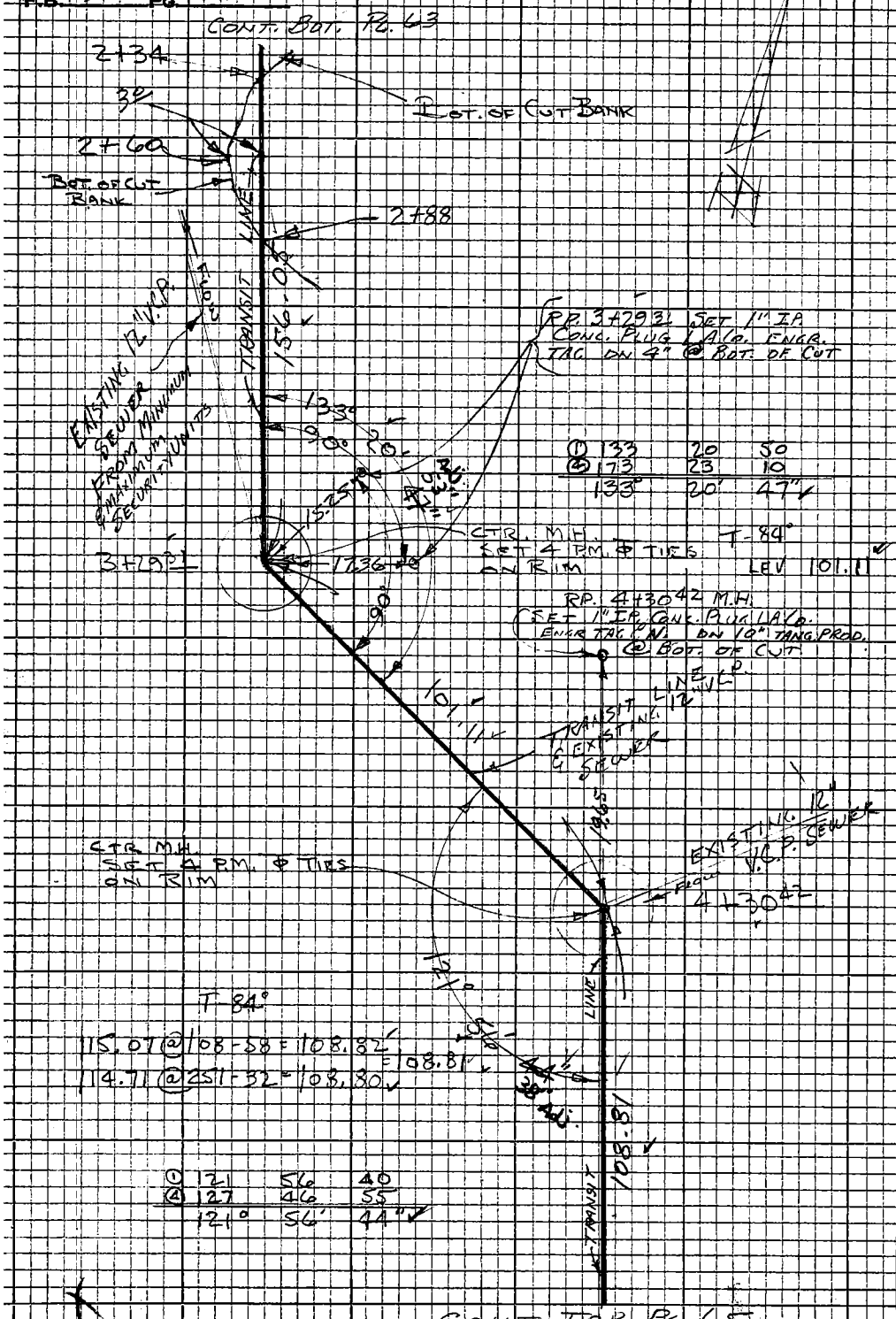
76P3093 CE #310 5-66

F.B. 3902 Pg. 64



①	133	20	50
④	173	23	10
	133°	20'	47"

①	121	56	40
④	127	46	55
	121°	56'	44"

CONT. TOP PG. 65.

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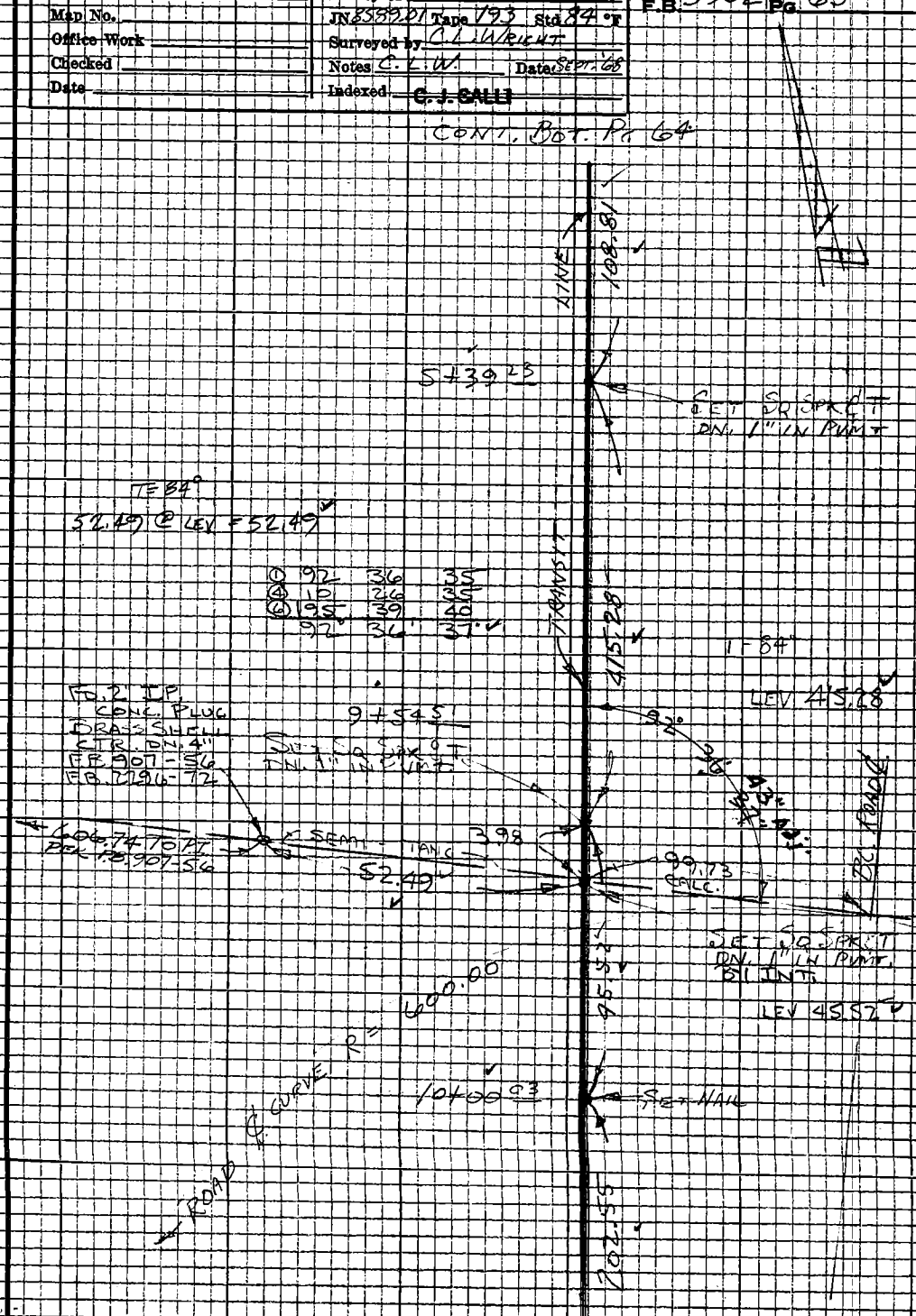
Notes Ck'd by D. SAPPELL	Survey of HONOR RANCHO
Map No.	JN 8589.01 Tape 193 Std 84 °F
Office Work	Surveyed by C. L. WRIGHT
Checked	Notes C. L. W. Date SEPT. '68
Date	Indexed C. J. GALLI

F.B. 3902 Pg. 65



CONT. TOP LEFT PG. 66

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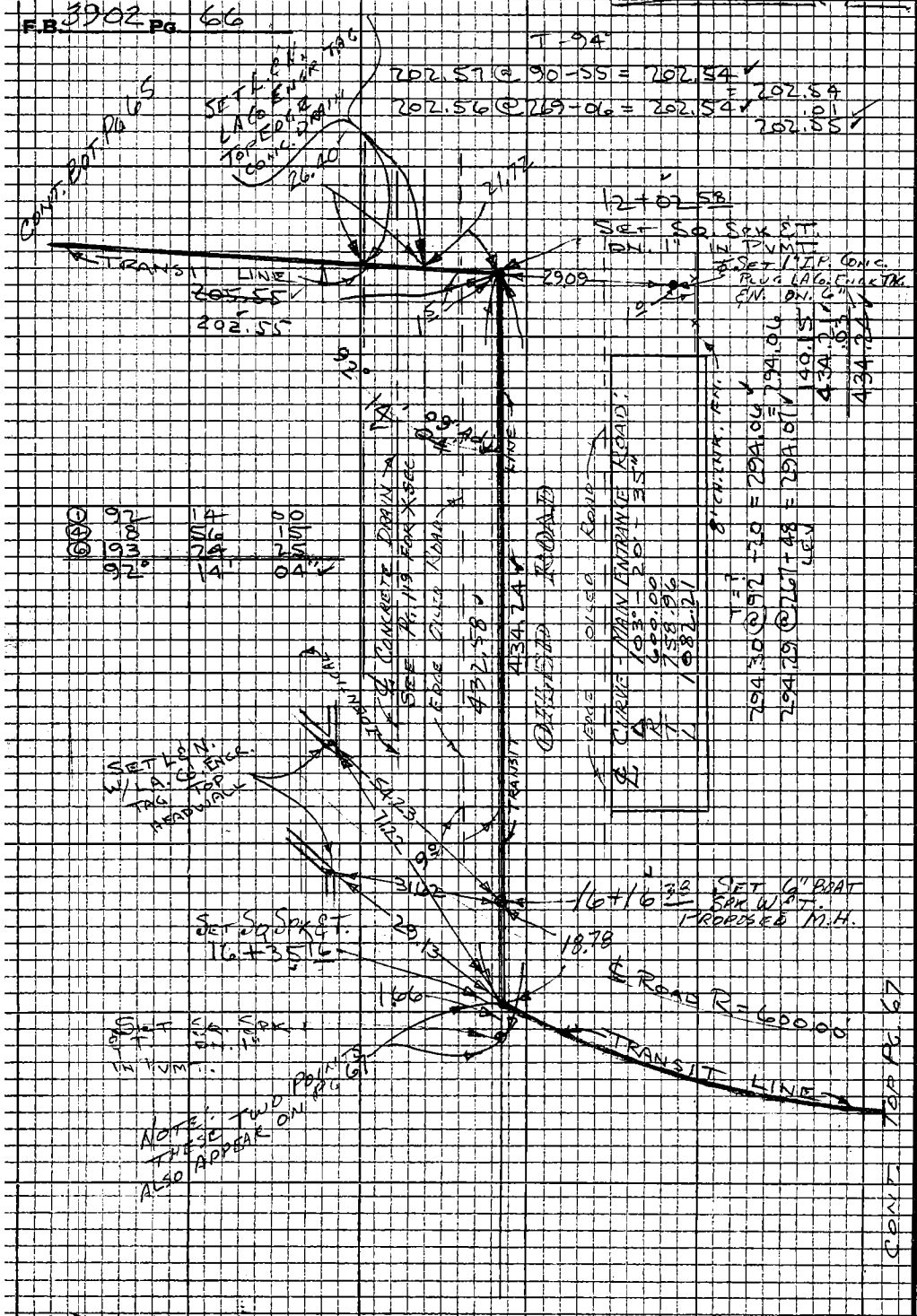
LOS ANGELES COUNTY ENGINEERING BLDG.

76P3098 CE #310 5-66

F.B. 3902 PG. 66



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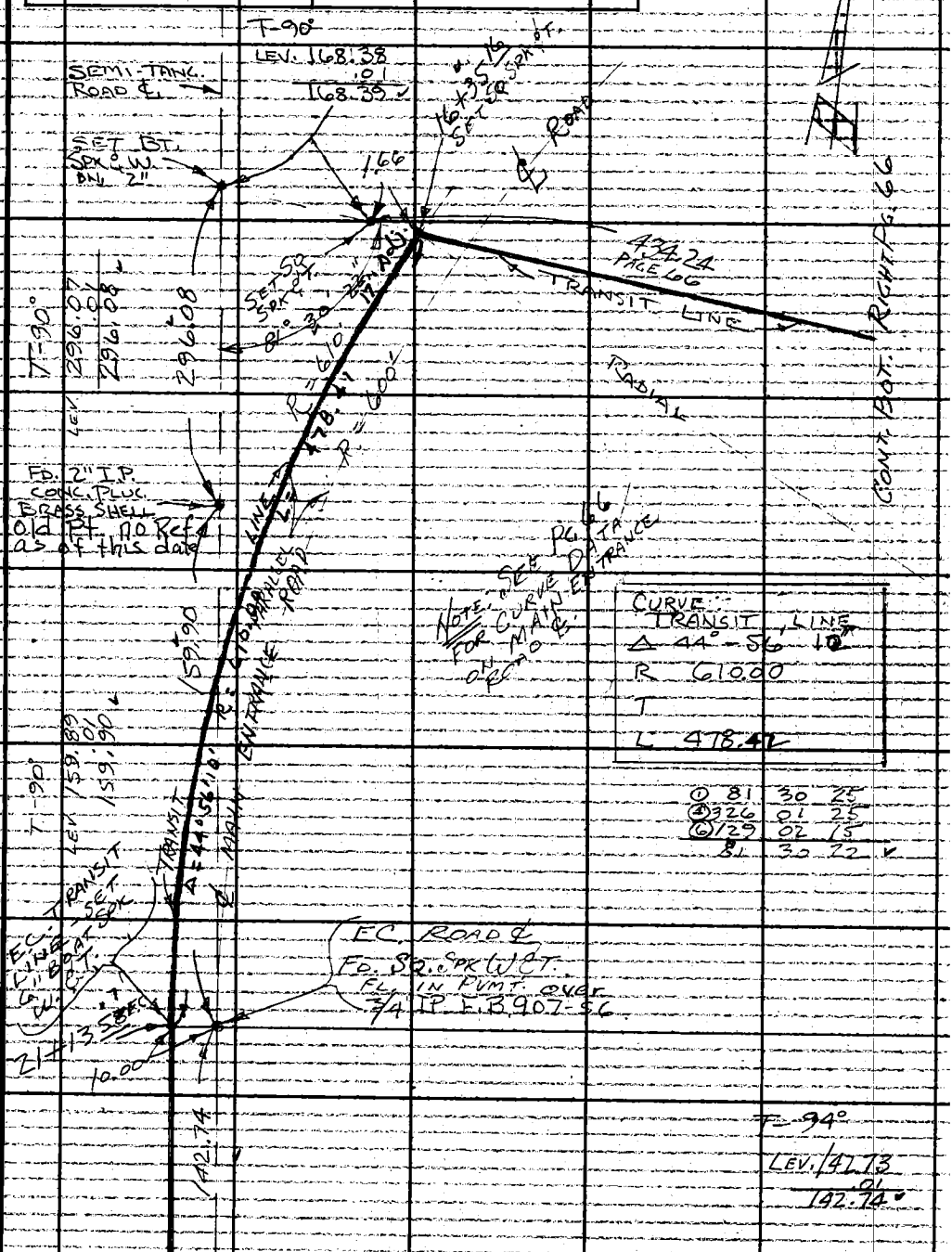
Notes Ck'd by D. SAPPELL	Survey of HONOR RANCHO
Map No.	JN 8589.01 Tape 193 Std 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date SEPT. '68
Date	Indexed C. J. GALLI

F. B. 3902 PG. 67



CURVE
TRANSIT LINE
Δ 44°-56' 10"
R 610.00
T
L 478.42

①	81	30	25
④	326	01	25
⑥	129	02	15
	81	30	22

CONT. TOP PG. 68

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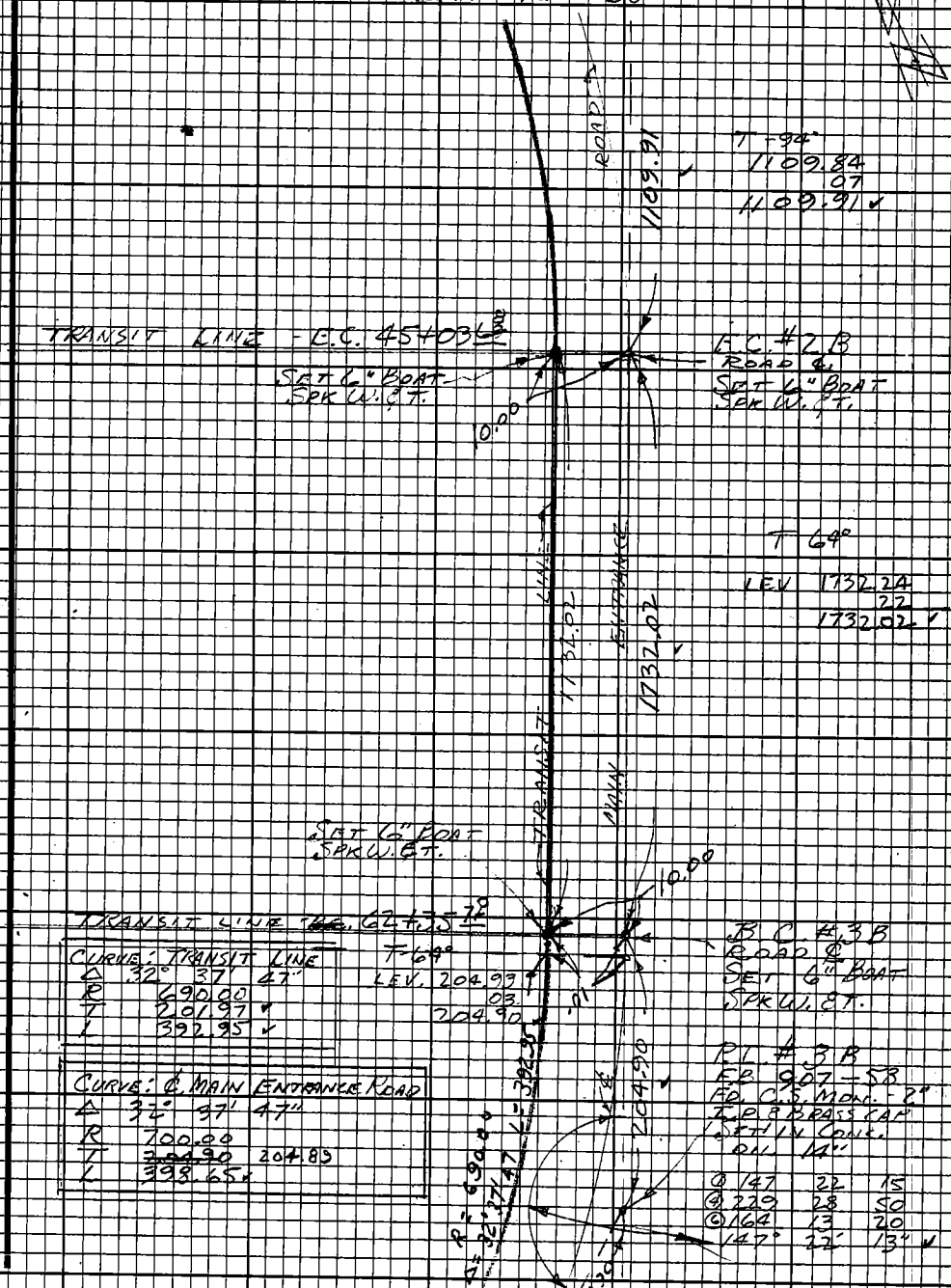
76F309S CE #310 6-63

Notes Ck'd by D. SAPPELL	Survey of Honor Rancho-Sewer
Map No.	JN 8589.01 Tape 193 Std 84 °F
Office Work	Surveyed by C.L. Wright
Checked	Notes C.L.W. Date Sept. '68
Date	Indexed C. J. GALLI

F.B. 3902 Pg. 69

CONT. BOT. PG. 68



CURVE: TRANSIT LINE			
Δ	32°	37'	47"
R	690.00		
T	201.97		
L	392.95		

CURVE: ℄ MAIN ENTRANCE ROAD			
Δ	32°	37'	47"
R	700.00		
T	~~204.90~~	204.89	
L	398.65		

CONT. TOP PG. 70

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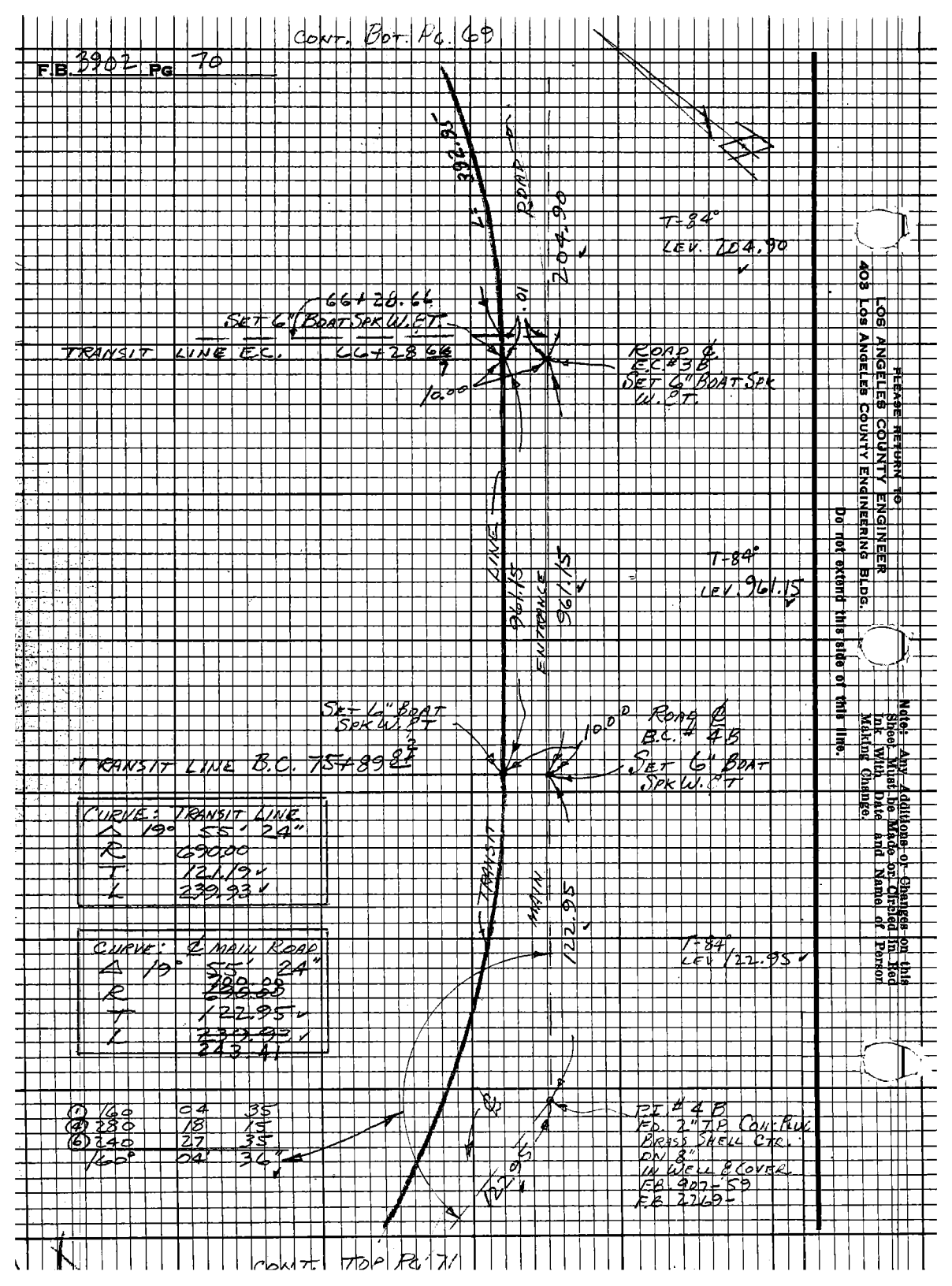
75F3098 CE #310 9-67

CONT. BOT. PG. 69

F.B. 3902 Pg. 70



CURVE:	TRANSIT LINE
Δ	19° 55' 24"
R	690.00
T	121.19 ✓
L	239.93 ✓

CURVE:	℄ MAIN ROAD
Δ	19° 55' 24"
R	~~690.00~~
T	122.95 ✓
L	~~239.93~~ ✓
	243.41

(1)	160	04	35
(2)	280	18	15
(6)	240	27	35
	160°	04	36"

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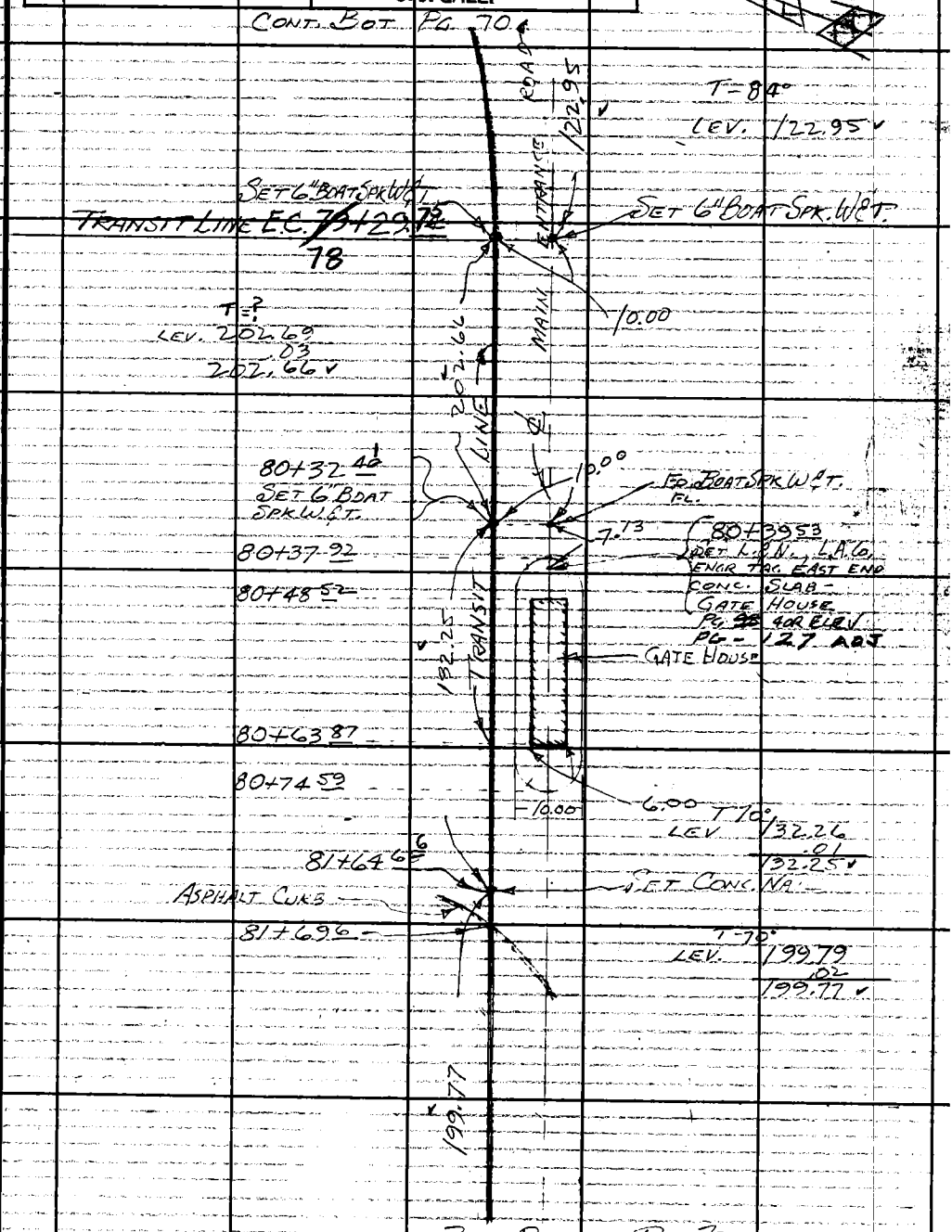
CONT. TOP PG. 71

Notes Ck'd by D. SAPPELL	Survey of HONOR RANCHO
Map No.	JN Tape 193 Std 84 °F
Office Work	Surveyed by G.L. WRIGHT
Checked	Notes C.L.W. Date SEPT. '68
Date	Indexed C. J. GALLI

F. B. 3902 PG. 71



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

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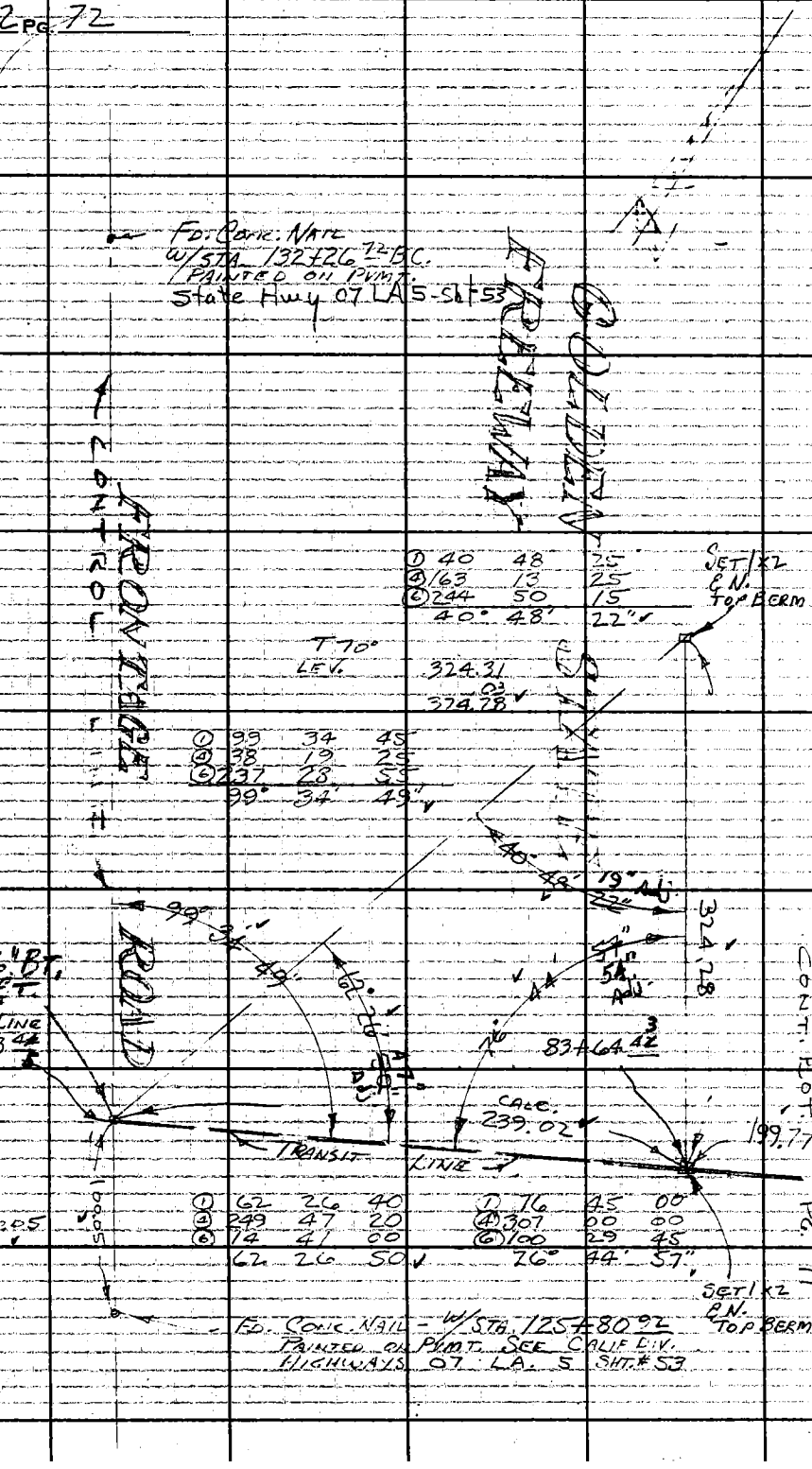
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #310 6-63

F. B. 3902 PG. 72



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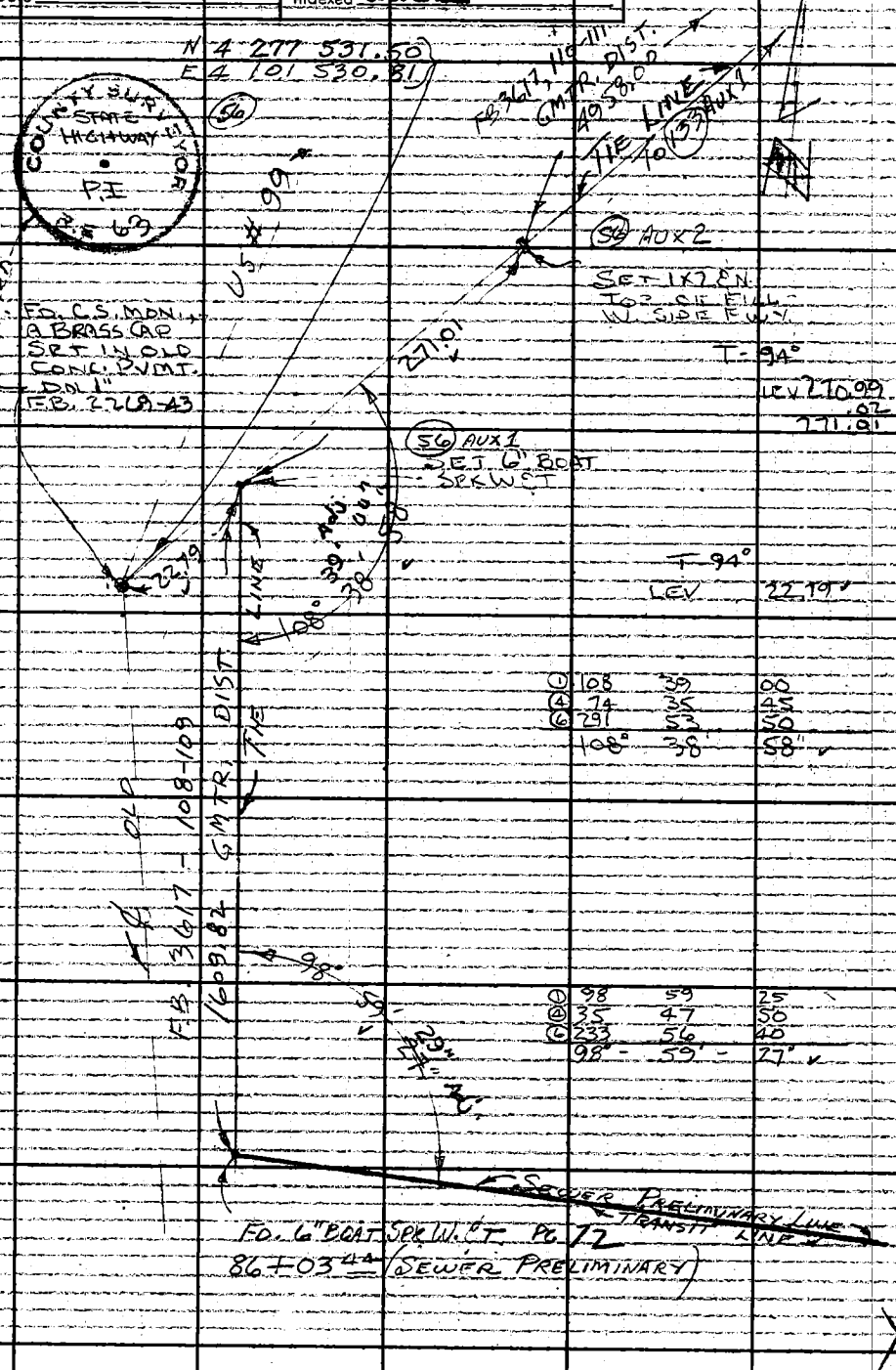
Notes Ck'd by D. SAPPELL	Survey of HONOR RANCHO	F.B. 3902 PG. 23
Map No.	JN 00841 Tape 193 Sta 84 °F	
Office Work	Surveyed by C.L. WRIGHT	
Checked	Notes C.L.W. Date OCT 68	See Pg 74.
Date	Indexed C.J. GALLI	



①	108	39	00
④	74	35	45
⑥	291	53	50
	108°	38'	58"

①	98	59	25
④	35	47	50
⑥	233	56	40
	98°	59'	27"

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

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76F3095 CE #310 6-53

Profile No. | Notes Red | Plotted | Job No. | Division No. | F. B. 590 L Pg. 73-A
Date | Date | Survey of
X-Sec. No. | Notes Clk'd. D. SAPPELL | Checked | Survey by | Notes | Date
Date | Date | Map No. | Indexed C. J. GALLI | Date OCT 2 4 '68

WAYSIDE HONOR RANCHO - SEWER PRELIMINARY

NOTE!

THESE LEVEL NOTES AND PROFILE ARE NOT ALL IN SEQUENCE WITH THE STATIONING. SOME OF THE ELEVATIONS ON THE CROSSING PIPELINES WERE TAKEN PRIOR TO THE BENCH LEVELS. WE RAN THE BENCH LEVELS FROM THE FIRST ROAD ℄ P.I. EAST OF THE MAIN ENTRANCE GATEHOUSE TO THE BENCHMARK ON THE PORCH OF THE SHERIFFS ADMINISTRATION BUILDING. THIS CIRCUIT INDICATED SOME ELEVATION CHANGES IN THE INTERMEDIATE BENCH MARKS OF RECORD. WE NEXT BROUGHT IN A FIELD ELEVATION FROM A PRECISE BENCH AS ESTABLISHED BY L.A.Co. ENGR. IN 1968. THIS NEW ELEVATION WOULD HAVE LOWERED ALL EXISTING HONOR RANCHO BENCH MARKS APPROX. 0.651 FEET. THIS WE DIDN'T DO TO AVOID HAVING TO CHANGE EXISTING ELEVATIONS AND CONTOURS ON 20 SCALE TOPOG. SHEETS ALREADY COMPLETED, AND SOME IN THE PROCESS OF COMPLETION.

ALL PIPELINE CROSSING ELEVATIONS TAKEN PRIOR TO THE BENCH LEVELS AND PROFILE HAVE BEEN RE-COPIED AND ARE ON THE SAME DATUM WITH THE PROFILE. THE ORIGINAL NOTES I STILL HAVE.

C. L. Wright

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

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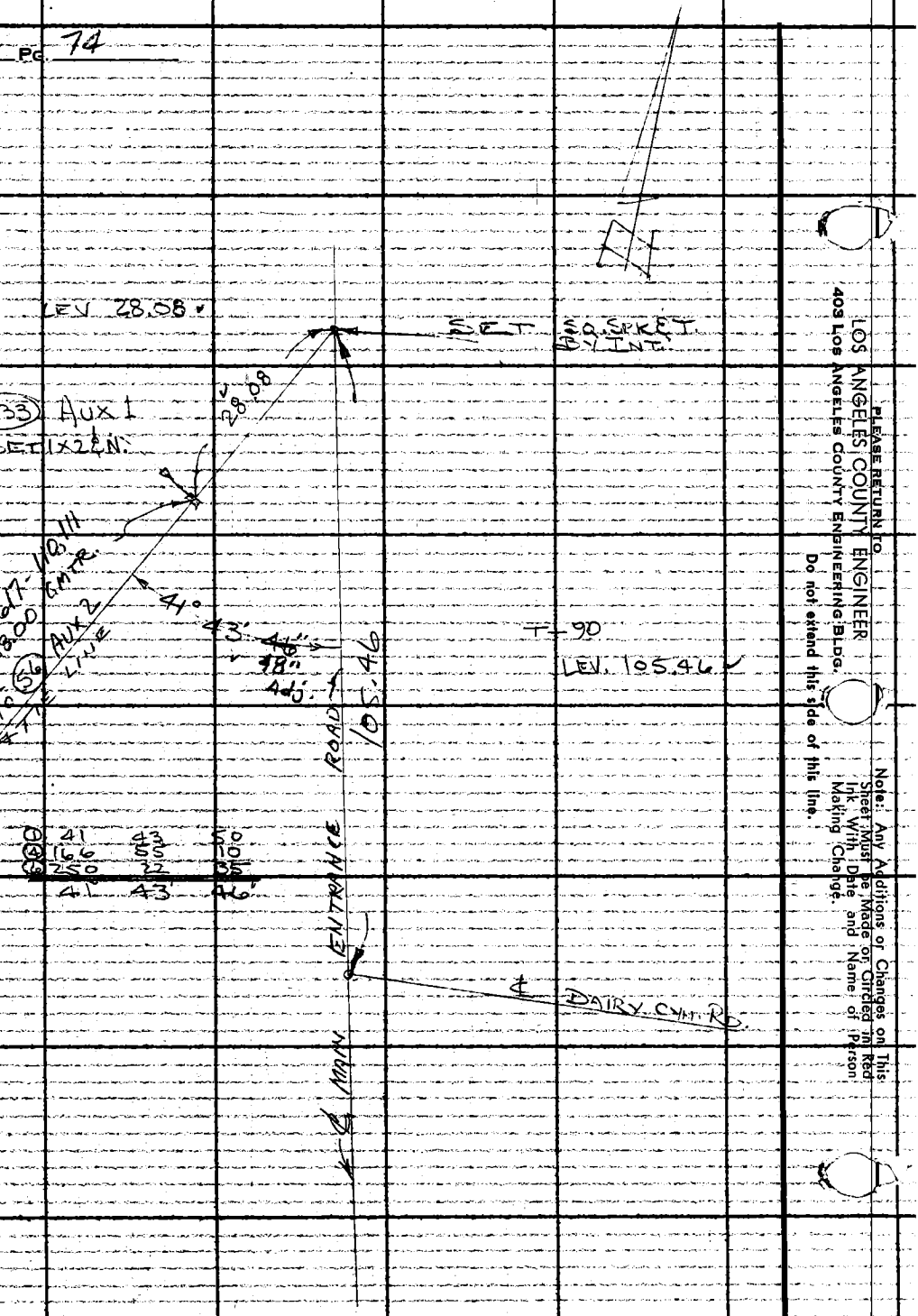
76-L-298 CE 307 5-66

F. B. 3902 Pg. 74



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Profile No. ____ Notes Red ____ Plotted ____ Job No. 8539.01 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of HONOR RANCHO - SEWER
Notes Chk'd. SAPPELL Checked ____ Survey by C.L. WRIGHT Notes C.L.W. Date SEPT. '68
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3704 PG. 15

STATION	B. S.	H. I.	F. S.	ELEV.	SEE PG 73-A
					WAYSIDE HONOR RANCHO - SEWER PRELIMINARY -
					34" GAS LINE - EAST'LY SIDE MAIN ENTRANCE ROAD.
					J.N. 8589.01
BM. 304				1071 548	P.T. 2B Fd. C.S. Mon. - 2" I.P. & BRASS CAP IN CONC. DN. 12" Pg. 85
	9176	1080 718			
TP			4303	1076 412	
	4338	1080 756			
30+53 31+10, 33'L.			1153	1069 22	TOP OF 34" GAS PIPELINE 34" GAS LINE CROSSING
TP			3898	1076 852	
	7095	1083 947			
TP			3541	1080 406	
	6662	1087 066			
TP			2569	1084 501	
	7909	1092 408			
T.B.M.			1988	1090 422	Fd. Boat Spk. W. of T. Int. MAIN ENTRANCE ROAD & DAIRY CYN. RD. Pg 84, 91 (1090.42 ±)

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
		WAYSIDE HONOR RANCHO - SEWER PRELIMINARY - ELEVATIONS ON CROSSING WATER LINES - USING LENKER ROD.			
		SEE PG 73-A			
T.B.M.				1090 425	FD. BOAT SPK W. & T. MAIN ENTRANCE ROAD & DAIRY CYN RD. PG 86, 91
24+83				1080 03	35' L TOP 6" STEEL WATER
" TP				85 78	38' L " BOLT @ FLANGE IRRIGATION RISER
29+04		LENKER		80 47	" " " " " " "
29+04				74 74	37' L " 6" STEEL WATER
TBM				1076 42	FD. □ CUT N.E. COR. HD. WALL - FOOT BRIDGE N.E'LY OF FARM CTR. PG 86, 92
33+22				70 65	35' L TOP 6" STEEL WATER
				75 76	38' L " BOLT @ FLANGE - IRRIGATION RISER
BM 304				71 54	PI-#2B - FD 2" IP. & BRASS CAP IN CONC. DN 12" PG 86-92
		ELEVATIONS ON CROSSING WATER LINES - USING "PHILLY" RODS			
T.B.M.				1062 001 ~~1061 998~~	FD. 6" BOAT SPK W. & T. PG 85, 86, 92
	386	1065 86			
42+14			809	1057 77	35' L TOP 6" STEEL WATER
TP			708	1058 78	
	336	1062 14			
46+35			792	1054 22	38' L TOP 6" STEEL WATER
"			334	1058 80	40' L " BOLT FLANGE - IRRIGATION RISER

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8589.01 Division No. ____ F.B. 390 L PG. 11

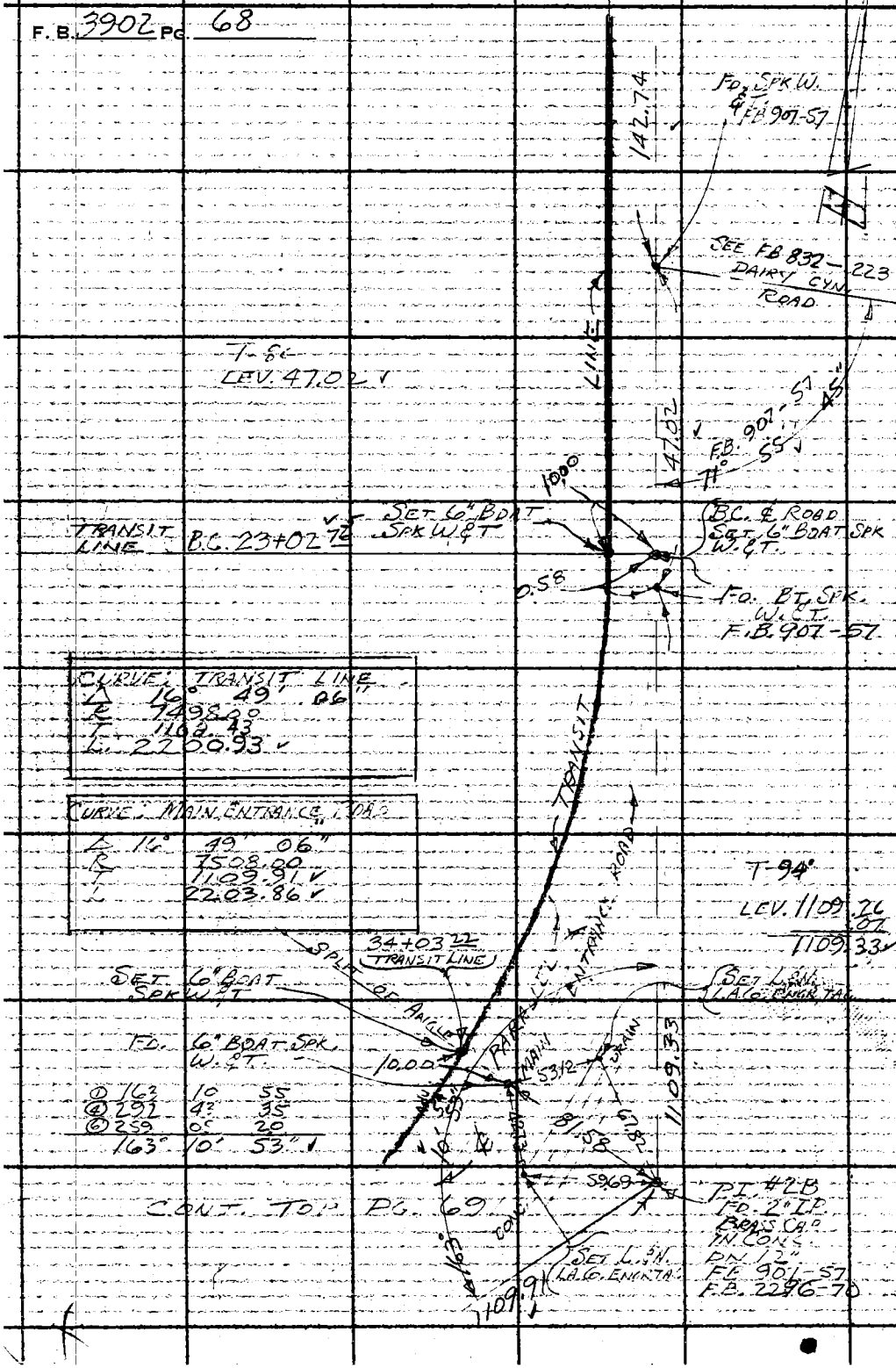
X-Sec. No. ____ Date ____ Notes Chk'd. DR. SAPPELL Date ____ Checked ____ Date ____ Survey of WAYSIDE HONOR RANCHO - SEWER

Survey by C.L. WRIGHT Notes C.L.W. Date OCT. '68

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

CONT. DOT. PG. 67

F. B. 3902 PG. 68



CURVE: TRANSIT LINE
Δ 16° 49' 06"
R 7498.00
T 1108.43
L 2200.93

CURVE: MAIN ENTRANCE ROAD
Δ 16° 49' 06"
R 7508.00
T 1109.91
L 2203.86

① 163	10	55
④ 292	43	35
⑥ 259	05	20
163°	10'	53"

CONT. TOP PG. 69

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STATION	B. S.	H. I.	F. S.	ELEV.	
	WAYSIDE HONOR RANCHO - SEWER PRELIM. ELEVATIONS ON CROSSING GAS & OIL LINES				
		SEE	PG	73-A	
TBM.				1090 42.5	FD. 6" BOAT SPK W. & T. INT. MAIN ENTRANCE RD. AND DAIRY CYN RD. PG. 86, 87, 91.
	4 55	1094 97.5			
2+96.7			9 18	85 78	42 L TOP 12" GAS PIPELINE (SO. CALIF. GAS CO.)
+99.6			9 68	85 30	36 L " 22" " " " " " "
TBM			4 55	1090 42.5	SEE 4 LINES ABOVE
	6 88	1097 30.5			
21+07			6 43	90 87	TOP 12" GAS PIPELINE (SO. CALIF. GAS CO.) 19'R
21+46			8 20	89 10	" 22" " " " " " " 15'R
T.B.M.			6 88	1090 42.5	SEE 8 LINES ABOVE
	10 03	1100 45.5			
TP			0 19	1100 26.5	
	9 66	1109 92.5			
		OVER			

Profile Notes Red ____ Flotted ____ Job No. 8589.01 Division No. ____
No. ____ Date ____ Date ____ Survey of Honor Rancho - Sewer
X-Sec. Notes Chk'd. D. SAPPELL Checked ____ Survey by C.L. Wright Notes C.L.W. Date Oct '65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3904 Pg. 79

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STATION	B. S.	H. I.	F. S.	ELEV.	
		1109 92 6/5			
17+85			1031	1099.62 1100 26	TOP RICHFIELD OIL LINE 20 R
18+42			1050	1099 42 3/2	39 L " " " "
TP			188	1108 04 5/6	
	713	1115 17 6/5			
B.M. 307			044	1114 73 6/5	MAIN ENTRANCE RD - MAIN CAMP DRAIN - 3 BBL. CULVERT N LY END E'LY. HD. WALL FD C.S. BRASS CAP SEE PG. ~~87~~ 86, 90 89 (~~CULVERT 900'± N OF RISTAL RANGE~~)

F. B. 3902 PG. 80

Job No. 8589.01 Division No. Notes Red Plotted Profile

Survey of HONOR RANCHO Date Date No.

Survey by C.L. WRIGHT Notes C.L.W. Notes Chk'd. Checked X-Sec.

Indexed C. J. GALLI Date OCT 68 Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
		WAYSIDE HONOR RANCHO				
		SANITARY SEWER STUDY H.N. 8589.01				
		ELEVATIONS ON STATIONS ACROSS FIELD				
		WEST OF MAIN CAMP USING LENKER ROD # 432 A				
		SEE PG 73-A				
I.M. 308				1122 48 6	FD. BRASS CAP SET IN S.W. HEADWALL OLD CULVERT W. OF BOOSTER PUMPS PG. 88, 90	
5+52				21 42		1x1 TOE RD. FILL
6 +00				20 44		"
7 +00				19 87		"
8 +00				20 28		"
9 +00				20 16		"
+34 5				20 51		" TOE RD. FILL
+54 5				24 20	(24.21 PER PROFILE PG. 118)	SE-SQ SPK & T. N. EDGE MAIN RD.
I.M. W-40				1122 48	SEE 8 LINES ABOVE	

Profile Notes Red ____ Plotted ____ Job No. 8589.01 Division No. ____ F.B. 3902 PG. 81
No. ____ Date ____ Date ____ Survey of HONOR RANCHO - SEWER
X-Sec. Notes Ink U. SAPPELL Checked ____ Survey by C.L. WRIGHT Notes C.L.W. Date 11-SEPT 68
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

769420 S & E-353 9-55

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NOTES RED
DATE 27 SEPT 68 JOB NO. 0084.11 SURVEY OF HONOR RANCHO
NOTES CKD. SAPPELL SURVEY BY C.L. WRIGHT
NOTES BY R.J. ALMANZAN DATE 27 SEPT 68
DATE INDEXED C.J. GALLI DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	WAYSIDE HONOR RANCHO - SEWER PRELIMINARY — BENCH LEVELS FROM P.I. #4 (MAIN ENTRANCE ROAD) N.E'LY TO B.M. #309 @ N.W. COR. ADMINISTRATION BLDG. MINIMUM SECURITY COMPOUND AND RETURN.					
	SEE PG 73-A					
				FIELD ADJUST		
BM #300	1040.115		40.115		1040.115	MAIN CAMP RD PI #B. FD. 2" IP CONC PLUG SHELL CTR IN WELL DN 6" PER FB 2269-71 ELEV TAKEN ON BRASS SHELL.
+	4.914		4.802			
⊼	1045.029	+2.181	+2.117			
−	2.793		2.685			
TP	1042.236		42.232			
+	3.585		5.561			
⊼	1047.821	+0.295	+2.296			
−	3.290		3.265			
TP	1044.531		43.029			
+	5.616		5.680			
⊼	1050.147	+1.816	+1.318			
−	3.800		3.860			
TBM	1046.347	46.347	46.346'		1046.347	SET CHISEL SQUARE ON SIGN ALONG SEL S. SIDE of MAIN CAMP RD SIA 68+10
+	6.285		6.340			
⊼	1052.627	+2.733	+2.783			
−	3.497		3.555			
BM #301	1049.130	49.131	49.131		1049.131	FD BRASS CAP MON - 2" IP & BRASS CAP SET IN CONC dn 7" MAIN CAMP RD PI #3B PER F.B 2269-72
+	5.658		5.678			
⊼	1054.788	+3.028	+3.027			
−	2.630		2.651			
TBM	1052.158	52.157	52.158'		1052.158	FD 6" BRASS CAP W & T POST N. of P.I. 3B PER FB 2269-72 #52 HONOR RANCHO LIST-COORDINATES

F.B. 3901 PG. 83

765420 S & E-353-9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM	1052.158	52.157	52.158		1052.158	FD. 6" BOAT SPK. W. & T P.O.S.T. N. OF P.I. #3B
+	5.518		5.490			F.B. 2269-72 #(52) HONOR RANCHO LIST -
⊼	1057.676	+ 1.917	+ 1.918			COORDINATES SEE F.M. 96-12
—	3.601		3.572			
TP	1054.075		54.076			
+	5.400		5.374			
⊼	1059.475	- 0.157	- 0.154			
—	5.557		5.528			
TP	1053.918		53.922			
+	4.954		4.917			
⊼	1058.872	+ 0.256	+ 0.256			
—	4.698		4.661			
BM #302	1054.174	54.175	54.178		1054.176	FD BRASS CAP TOP N. END W. CONC HEADWALL
+	3.992		3.981			CONC BRIDGE 300± N. OF PISTOL RANGE MAIN
⊼	1058.166	+ 0.284	+ 0.288			CAMP RD PER F.B. 2269-72
—	3.708		3.693			
TP	1054.458		54.466			
+	6.972		7.060			
⊼	1061.430	+ 3.389	+ 3.391			
—	3.583		3.669			
TP	1057.847		57.857			
+	6.609		6.588			
⊼	1064.456	+ 2.834	+ 2.836			
—	3.775		3.752			
TP	1060.681		60.693			
+	5.375		5.357			
⊼	1066.056	+ 1.312	+ 1.313			#(57) HONOR RANCHO LIST. - COORDINATES SEE
—	4.063		4.044			F.M. 96-12 SHT. 4
TBM	1061.993	61.998	1062.006		1062.000	FD. SHIP SPIKE W & T P.O.S.T. S. OF P.I. 2B
						PER F.B. 2269-73

NOTES RED. DATE
NOTES CHKD. DATE
JOB NO. 0084.11 SURVEY OF HONOR RANCHO
SURVEY BY C.L. WRIGHT DATE SEPT '68
NOTES BY R.J.A. DATE
INDEXED C.J. GALLI DATE

F.B. 3902 PG. 84

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM	1061.993	61.998	1062.006		1062.000	Fd 6" BOATSPIKE W&T POST. — S. of P.I. 2B
+	5.424		5.400			PER F.B 2269-73 #(57) HONOR RANCHO
⊼	1067.417	+1.161	+1.157			LIST - COORDINATES SEE F.M. 96-12 SHT. 4
—	4.263		4.243			
BM#303	1063.154	63.158	63.163		1063.158	Fd. 2" IP CONC PLUG SHELL CTR POST S. OF
+	6.430		6.442			P.I. #2B dn. 12" E. of MAIN CAMP Rd
⊼	1069584	+3.647	+3.647			PER F.B. 2269-73
—	2.783		2.795			
TP	1066801		66.810			
+	6.757	+4.739	6.790			
⊼	1073.558	+4.639	+4.741			
—	2.018		2.049			
BM#304	1071.540	71.545	71.551		1071.546	Fd 2" IP BRASS CAP SET CONC. dn 12" P.I. #2B
+	6.960		6.957			PER F.B 2269-73; 213 #(134) HONOR RANCHO LIST
⊼	1078.500	+4.871	+4.872			OF COORDINATES SEE F.M. 96-12 SHT 4
—	2.089		2.085			
TBM	1076.411	76.418	76.423		1076.420	SET CHISEL SQUARE ON E. EDGE OF N.E. HEAD-
+	6.396		6.260			WALL (WOOD BRIDGE) N OF P.I. #2B
⊼	1082.807	+3.056	+3.058			
—	3.340		3.202			
TP	1079.467		79.481			
+	6.771		6.806			
⊼	1086.238	+3.836	+3.838			
—	2.935		2.968			
TP	1083.303		83.319			
+	7.300		7.366			F.B. 907-57 F.B. 2269-213
⊼	1090.603	+7.116	+7.116			F.B. 2296-59
—	0.184		0.250			
TBM	1090.419	90.425	90.435		1090.426	Fd bt SPK W&T @ INT. MAIN CAMP Rd & DAIRY
						CYN Rd #(133) HONOR RANCHO LIST. COORDINATES

NOTES RED ____ JOB NO. 0084.11 SURVEY OF HONOR RANCHO
DATE 27 SEPT 68 SURVEY BY C.L. WRIGHT
NOTES CHKD. SAPPELL NOTES BY R.J. ALMANZAN DATE 27 SEPT 68
DATE ____ INDEXED C.J. GALLI DATE ____

F.B. 3902 PG. 85

769420 S & E-353-9-55

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JOB NO. 3084.11 SURVEY OF HONOR RANCHO
SURVEY BY CIL. WRIGHT
NOTES BY R.J. ALVARADO DATE 21 SEPT 68
INDEXED C.J. GALLI DATE
NOTES RED DATE 27 SEPT 68
NOTES CHKD. DATE

F.B. 3902 PG. 86

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM	1090.419	90.425	90.435		1090.426	FD. IRON SPK W.S.T. INT. DAIRY & LYN RD. F.B. 907-57, F.B. 2269-213 # (33) HONOR RANCHO LIST - COORDINATES - SEE F.M. 96-12 SHT. 4
+	9.349		9.441			
Π	1099.768	+3.309	+3.311			
−	6.040		6.130			
B.M. #305	1093.728	93.736	93.746		1093.738	FD (H) TOP OF TIE ROD PLATE S.W. LEG OF EDISON TOWER No. 77-8 PER F.B. 971-190 F.B. 2269-74,
+	7.491		7.563			
Π	1101.219	+7.150	+7.151			
−	0.341		0.412			
TP	1100.878		1100.897			
+	4.403		4.430			
Π	1105.281	+0.629	+0.629			
−	3.774		3.801			
BM #306	1101.507	01.519	01.526		1101.520	P.O.S.T. FD 2" I.P. CONC PLUG & SHELL IN 10". ON WEST EDGE OF MAIN CAMP RD. - 150' ±N. DAIRY RD
+	6.982		7.023			
Π	1108.489	+6.527	+6.523			
−	0.455		0.500			
TP	1108.034		08.049			
+	6.937		6.950			
Π	1114.971	+6.702	+6.702			3 BBL. REIN. CONC. BOX CULVERT - MAIN CAMP DRAIN - MAIN ENTRANCE RD. N'LY & HD - EAST HD. WALL
−	0.235		0.248			
BM #307	1114.736	14.744	14.751		1114.746	FD C.S. BRASS CAP MON IN CONC HEADWALL E. OF MAIN CAMP RD (USE EAST EDGE OF B.M.) F.B. 907-101
+	2.091		2.222			
Π	1116.827	−6.149	−6.146			
−	8.740		8.868			
TP	1108.087		08.105			
+	2.928		2.942			
Π	1111.015	+0.034	+0.035			
−	2.894		2.907			
TP	1108.121		08.140			

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1108.121		08.140			
+	8.049		8.082			
⊼	1116.170	+ 7.570	+ 7.573			
—	0.479		0.509			
TP	1115.691		15.713			
+	7.915		7.921			
⊼	1123.606	+ 6.750	+ 6.751			
—	1.165		1.170			
BM#308	1122.441	22.453	22.464		1122.456	FD C.S. BRASS CAP MON ON S'LY HEADWALL BOX CULVERT - S. OF SEWER PLANT F.B. 971-186
+	6.889		6.912			
⊼	1129.330	+ 4.404	+ 4.403			
—	2.485		2.509			
TP	1126.845		26.867			
+	8.572		8.593			
⊼	1135.417	+ 7.843	+ 7.845			
—	0.729		0.748			
TP	1134.688		34.712			
+	9.943		9.929			
⊼	1144.631	+ 9.230	+ 9.230			
—	0.713		0.699			
TP	1143.918		43.942			
+	11.403		11.442			
⊼	1155.321	+ 8.071	+ 8.074			
—	3.332		3.368			
TP	1151.989		52.016			
+	9.332		9.326			
⊼	1161.321	+ 8.922	9.921			
—	0.410		0.405			
TP	1160.911		60.937			

NOTES RED ____ JOB NO. 0084.11 SURVEY OF Honor Rancho
DATE 30 SEPT 68 SURVEY BY C.L. WRIGHT
NOTES CHKD SAPPELL NOTES BY R.J. ALMANZAN DATE 30 SEPT 68
DATE ____ INDEXED C.J. GALLI DATE ____

F.B. 3902 PG. 87

765420 S & E-353-9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1160.911		60.937			
+	5.658		5.837			
T	1166.569	+ 1.709	+ 1.709			
-	3.949		4.128			
BM#309	1162.620	62.639	62.646		1162.635	WAYSIDE HONOR RANCHO - MINIMUM SECURITY FACILITY - ADMINISTRATION PORCH - CONCRETE N.W. COR. FD. C.S. BRASS CAP MON. FLUSH. F.B. 971-187, F.B. 790-41
	+ 3.126		3.246			
T	1165.746	- 6.824	- 6.822			
	- 9.950		10.068			
T.P.	1155.796		55.824			
	+ 5.792		5.780			
T	1161.588	+ 1.859	+ 1.859			
	- 3.933		3.921			
T.P.	1157.655		57.683			
	+ 2.842		+ 2.835			
T	1160.497	8.650	- 8.650			
	- 11.492		11.485			
T.P.	1149.005		49.033			
	+ 0.759		0.826			
T	1149.764	8.497	- 8.499			
	- 9.256		9.325			
T.P.	1140.508		40.534			
	+ 0.889		0.862			
T	1141.397	- 7.651	- 7.649			
	- 8.540		8.511			
T.P.	1132.857		32.885			
	+ 1.284		1.247			
T	1134.141	7.647	- 7.647			
	- 8.931		8.894			
TP	1125.210		25.238			

NOTES RED. ____ DATE ____ NOTES CHKD. ____ DATE ____

JOB NO. 2084.11 SURVEY OF HONOR RANCHO
SURVEY BY C. L. WRIGHT
NOTES BY C. L. W. DATE OCT. '63
INDEXED C. J. GALLI DATE

F.B. 3902 PG. 88

76S420 S & E-353 9-55

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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
T.P.	1125.210		25.238			
+	+ 2.550		+ 2.590			
⊼	1127.760	− 2.770	− 2.770			
−	− 5.320		− 5.360			
BM#308	1122.440	22.453	22.468		1122.456	FD. C.S. BRASS CAP S.W'LY HD. WALL
+	+ 0.766		0.733			BOX CULVERT S. OF SEWER PLANT
⊼	1123.206	7.099	− 7.099			F.B. 971-186
−	− 7.865		7.832			
T.P.	1115.341		15.369			
+	0.790		0.770	0.825		
⊼	1116.131	7.223	− 7.230	− 7.224		
−	− 8.013		8.000	− 8.049		
T.P.	1108.118		08.145			
+	+ 3.130		+ 3.140	+ 3.130		
⊼	1111.248	+ 0.606	+ 0.610	+ 0.608		
−	− 2.525		− 2.530	− 2.522		
T.P.	1108.726		08.755			
+	+ 9.028		+ 9.0[illegible]			
⊼	1117.784	+ 6.002	+ 6.001			
−	− 3.026		− 3.029			
~~[illegible]~~	~~1114.728~~					~~FD. BRASS CAP SET N. END HD. WALL~~
T.P.	1108.726		11 08.755			
+	9.004		8.990			
⊼	1117.730	+ 6.004	+ 6.005			
−	− 3.000		2.985			3 BBL. CULVERT - MAIN CAMP DRAIN
BM#307	1114.730	14.744	14.760		1114.746	FD BRASS CAP N. END HD. WALL - E. SIDE MAIN
+						ENTRANCE RD. ELEV. TAKEN ON E. RIM OF B.C.
+						F.B. 907-101
−						

NOTES RED. JOB NO. 0084.11 SURVEY OF Honor Rancho
DATE SURVEY BY C.L. Wright
NOTES CHKD. SAPPELL NOTES BY C.L.W. DATE Oct. 68
DATE INDEXED C.J. GALLI DATE

F.B. 902 PG. 89

76S420 S & E-353-9-55

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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
BM 307	1114.730	14.735	14.760		1114.746	SEE PG 89 FOR DESC.
	+ 1.245		1.225			
⊼	1115.975	− 9.739	− 9.741			
	10.984		10.966			
T.P.	1104.991		05.019			
	+ 3.530		3.520			
⊼	1108.521	− 3.484	− 3.485			
	− 7.014		7.005			P.O.S.T.
BM 306	1101.507	01.519	1101.534		1101.520	FD. 2" I.P. CONC. PLUG BRASS SHELL CTR.
	+ 0.895		0.885			600' ± S. OF P.I. #1B,
⊼	1102.402	− 7.786	− 7.785			
	− 8.681		8.670			
BM305	1093.721	93.736	1093.749		1093.738	FD (+) IN S.W. LEG EDISON TOWER #77-8
	+ 3.531		3.545			TOP SPLICE PLATE F.B. 2269-74, F.B. 971-190
⊼	1097.252	− 4.580	− 4.582			
	− 8.111		8.127			
T.B.M.	1089.1[illegible]		1089.167		1089.157	FD. SPK W. & T. - NEW B.C. # 2B. F.B. 3902-68
	+ 5.415		5.451			
⊼	1094.556	+ 1.269	+ 1.269			
	− 4.146		4.182			
T.B.M.	1090.410	90.425	90.436		1090.426	FD. SPK W. & T. INT. DAIRY CYN RD.
	+ 1.236		1.245			F.B. 907-57 F.B. 2269-213, #133 HONOR
⊼	1091.646	− 7.114	− 7.115			RANCHO COORDINATE LIST. SEE F.M. 96-12 SHT 4.
	− 8.350		8.360			F.B. 2296-59
T.P.	1083.296		83.321			
	+ 3.641		3.601			
	1086.937	− 3.229	− 3.228			
	− 6.870		6.829			
T.P.	1080.067		80.093			

NOTES RED. DATE
NOTES CHKD. DATE
DATE OCT 68
DATE
JOB NO. 0084.11 SURVEY OF HONOR RANCHO
SURVEY BY C.L. WRIGHT
NOTES BY C.L.W.
INDEXED C.J. GALLI
F.B. F902 PG. 90

765420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1080.067		80.093			
	+ 3.210		3.247			
A	1083.277	3.660	- 3.661			
	- 6.870		6.908			
T.B.M.	1076.407	76.418	76.432		1076.420	FD. III CUT N.E. COR. CONC. WTR. WALL (ON TOP)
	+ 2.390		2.407			FOOT BRIDGE N.E. OF FARM CTR., N.W. OF
	1078.797	4.875	-4.874			P.I. # 2B
	- 7.265		7.281			
BM.304	1071.532	71.545	71.558		1071.546	P.I. # 2B FD. 2" I.P. & BRASS CAP IN CONC. DN. 12"
	+ 2.395		2.435			F.B. 2269-73, 213 # (13A) HONOR RANCHO LIST -
T	1073.927	5.907	-5.906			COORDINATES. SEE F.M. 96-12 SHT. 4.
	- 8.302		8.341			
T.P.	1065.625		65.652			
	+ 4.624		4.665			
T	1070.249	2.481	- 2.482			
	- 7.105		7.147			P.O.S.T.
B.M. 303	1063.144	63.158	63.170		1063.158	FD 2" I.P. CONC. PLUG & BRASS SHELL CTR DN. 12"
	+ 5.211		5.225			F.B. 2269-73
T	1068.355	1.159	- 1.161			
	- 6.370		6.386			P.O.S.T. F.B. 2269-73
T.B.M.	1061.985	61.998	62.009		1062.000	FD. 6" BOAT SPK W. & T. S. OF P.I. # 2B
	+ 4.141		4.151			# (57) HONOR RANCHO LIST. COORDINATES - SEE F.M. 96-12 SHT. 4.
T	1066.126	2.539	- 2.539			
	- 6.680		6.690			
T.P.	1059.446		59.470	3.265		
	+ 3.221		~~3.228~~			
T	1062.667	3.964	~~3.970~~	- 3.965		
	- 7.185		~~7.198~~	7.230		
T.P.	1055.482		~~55.505~~			

NOTES RED _____ JOB NO. 6084.11 SURVEY OF HONOR RANCHO
DATE _____ SURVEY BY C.L. WRIGHT
NOTES CHKD SAPPELL NOTES BY C.L.W. DATE OCT. '68
DATE _____ INDEXED C.J. GALLI DATE _____

F.B. 3902 PG. 91

765420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	1055.482		55.505			
	+ 3.965		4.024			
⊼	1059.447	- 2.151	- 2.151			
	- 6.116		6.175			
T P	1053.331		53.354			
	+ 5.150		5.211			
⊼	1058.481	+ 0.830	+ 0.831			
	4.320		4.380			
B.M. 302	1054.161	54.175	54.185		1054.176	FD. C.S. BRASS CAP TOP N. END W. HD. WALL 3 BBL. CULVERT - MAIN RD. 900' ± N. OF PISTOL RANGE F.B. 2269-72
	+ 4.606		4.662			
⊼	1058.767	+ 0.043	+ 0.041			
	- 4.563		4.621			
T P	1054.204		54.226			
+	+ 5.405		5.429	5.448		
⊼	1059.609	+ 0.067	+ 0.071	+ 0.068		
-	- 5.338		5.358	5.380		
T P	1054.271		54.294			
+	4.262		4.325			
⊼	1058.533	- 2.127	- 2.125			
-	6.389		6.450			
T.B.M.	1052.144	52.157	52.169		1052.157	FD. 6" BOAT SPK W. & T. POST. N. OF P.I. # 3B F.B. 2269-72 # (52) HONOR RANCHO LIST COORDINATES SEE F.M. 96-12 SHT. 4.
+	5.400		5.443			
⊼	1057.544	- 3.025	- 3.024			
-	8.425		8.467			
BM. 301	1049.119	49.131	49.145		1049.131	P.I. # 3B FD. 2" I.P. & BRASS CAP IN CONC. DN. 7" MAIN ENTRANCE RD. F.B. 2269-72
+	+ 5.949		5.980			
⊼	1055.068	- 2.786	- 2.783			
-	- 8.735		8.763			
T.B.M.	1046.333	46.347	46.362		1046.348	FD. □ CUT S. END ROCK RUBBLE HD WALL S. SIDE MAIN ENTRANCE SEE F.B. 3902-84

NOTES RED. DATE
NOTES CHKD. DATE
DATE
DATE

JOB NO. 0084.11 SURVEY OF HONOR RANCHO
SURVEY BY C.L. WRIGHT
NOTES BY C.L.W.
INDEXED C.J. GALLI

F.B. 3902 PG. 92

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM.	1046.333	46347	46.362		1046.348	FD II CUT ROCK RUBBLE HD WALL - TOP S. END S. SIDE RD. - FB 3902-84
+	4.270		4.310			
⊼	1050.603	-2.080	-2.080			
—	6.350		6.390			
TP	1044.253		44.282			
+	+3.955		3.978			
⊼	1048.208	-2.073	-2.070			
—	-6.028		6.048			
TP	1042.180		42.212			
+	+4.351		4.365			
⊼	1046.531	-2.078	-2.077			
-	-6.429		6.442			
BM 300	1040.102	~~.118~~ 115	40.135		1040.115	P.I. #4B FD. 2" I.P. CONC. PLUG BRASS SHELL CTR. IN WELL & COVER DN 6" F.B. 2269-71 ELEV. ON BRASS SHELL

NOTES RED _____ JOB NO. 3034.11 SURVEY OF Honor Rancho
DATE _____ SURVEY BY C.L. WRIGHT
NOTES CHKD R. SAPPELL NOTES BY C.L.W. DATE Oct '68
DATE _____ INDEXED C.J. GALLI DATE _____

F.B. 3902 PG. 95

76-1-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	
WAYSIDE HONOR RANCHO - CHECK BETWEEN BM. 208-80 AND 205-12A J.N. 0084.11 SEE PG 73-A					
B.M. 208-80				1018.990	OLD U.S. HIGHWAY #99 (NOW FRONTAGE ROAD)
	1.489	1020.399			3.3 MILES SOUTHERLY OF PARKER ROAD AND
T.P.			4.380	1016.019	GOLDEN STATE FREEWAY OVERCROSSING, 0.45
	5.640	1021.659			MILE NORTH OF CASTAIC JUNCTION, 37.5 FEET
T.P.			4.402	1017.257	NORTH EASTERLY OF P.P. # 437364 E, 25.2
	5.848	1023.105			FEET SOUTHWESTERLY OF THE CENTER
T.P.			3.725	1019.380	OF FRONTAGE ROAD, AT A CONCRETE CATCH
	5.670	1025.050			BASIN OF A 6 FOOT DIAMETER
T.P.			5.010	1020.040	CORRUGATED METAL PIPE CULVERT. FD IN THE
	5.528	1025.568			TOP OF THE EASTERLY WALL OF THE CATCH
TP			4.584	1020.984	BASIN, 8.6 FEET NORTH OF THE SOUTHERLY
	5.513	1026.497			END. A COUNTY ENGINEER BUTTON
TP			3.609	1022.888	MONUMENT FIELD ADJ ELEV - 1018.990
	5.712	1028.600			F.B. 3721 - 179
TP			2.868	1025.732	
	10.554	1036.286			
TP			3.189	1033.097	
	7.137	1040.234			

COUNTY ENGINEER
BM 208-80
1968
RE 5869

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0084.11 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of HONOR RANCHO
Notes Date ____ Checked ____ Survey by C.L. WRIGHT Notes CLW Date 1-OCT. 1968
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3902 PG. 75

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	
		1040 234			
BM 205-12A			2786	1037448	THE FRONTAGE ROAD WEST SIDE OF INTERSTATE 5, 2.9 MILES SOUTH OF THE PARKER ROAD OVERCROSSING AT CASTAIC, ABOUT 300 FEET NORTH WEST OF THE HONOR RANCHO OVER CROSSING 22 FEET WESTERLY OF THE CENTER OF BRIDGE # 53-09, 1931 AT THE SOUTHWEST CORNER OF THE SOUTH ABUTTMENT A "U.S.C.&G.S." BRONZE DISK. FIELD ADJ. ELEV. 1037.458 FIELD BOOK 3719-262

STAMPED
GEODETIC
M 52
19 26
RESET
1967
BENCH MARK
U.S. COAST & SURVEY

F. B. PG. 76
Job No. 0084.11 Division No. Notes Red Plotted Profile
Survey of HONOR RANCHO Date Date No.
Survey by Notes C.L.W. Notes Chkd. Checked X-Sec.
Indexed C. J. GALLI Date OCT '68 Date Date No.

76S420 S & E-353 9-55

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NOTES RED ____ JOB NO. 0084.11 SURVEY OF HONOR RANCHO
DATE ____ SURVEY BY C.L. WRIGHT
NOTES CHKD D. SAPPELL NOTES BY C.L.W. DATE OCT 68
DATE ____ INDEXED C.J. GALLI DATE ____

F.B. 3902 PG. 97

BENCH LEVELS - FROM BM 205-12A EASTERLY TO HONOR RANCH MAIN ENTRANCE ROAD P.I. #4B & RETURN.
U.N. 0084.11

SEE PG 73-A

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
205-12A	1037.458				1037.458 ✓	THE FRONTAGE ROAD, WEST SIDE OF INTERSTATE 5, 2.9 MILES SOUTH OF THE PARKER ROAD OVERCROSSING AT CASTAIC, ABOUT 300 FEET NORTHWEST OF THE WAYSIDE HONOR RANCHO OVERCROSSING 22 FEET WESTERLY OF THE CENTER OF BRIDGE #53-09-1931, AT THE SOUTHWEST CORNER OF THE SOUTH ABUTMENT - A "U.S.C.&G.S." BRONZE DISK STAMPED "M-52, 1926, RESET 1967". 1968 FIELD ADJUST ELEV. - 1037.458 ✓ FIELD BOOK 3719-262 SEE F.B. 3902-98 FOR STAMPING
+	9.701		9.660			
⊼	1047.159	+ 4.264	+ 4.265			
−	5.437		5.395			
TP	1041.722 ✓		41.723			
+	1.550		1.513			
⊼	1043.272	− 7.471	− 7.470			
−	9.021		8.983			
TP	1034.251 ✓		34.253			
+	4.502		4.408			
⊼	1038.753	+ 0.452	+ 0.452			
−	4.050		3.956			
TP	1034.703 ✓		34.705			
+	5.270		5.341			
⊼	1039.973	+ 1.290	+ 1.292			
−	3.980		4.049			
TP	1035.993 ✓		35.997			
+	5.632		5.712			
⊼	1041.625	+ 1.249	+ 1.249			
−	4.383		4.463			
T.B.M.	1037.242 ✓		37.246		1037.24[illegible]	FD. L.&N. - LA CO ENGR TAG E'LY END GATEHOUSE FB. 3902-71

765420 S & E-353 9-55

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NOTES RED. DATE
NOTES CHKD. DATE
DATE OCT '68
DATE
DATE

JOB NO. 8841 SURVEY OF
SURVEY BY C.L.W.N.
NOTES BY C.L.W.N.
INDEXED C.J. GALLI

F.B. 3902 PG. 98

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TBM	1037.244		1037.246		1037.244	
+	6.328		6.238			
T	1043.570	+2.219	+2.217			
−	4.109		4.021			
BM 300	1039.461		39.463		1039.464	T.I. # 4 B FD. 2" I.P. CONC. PLUG & BRASS SHELL CTR. DN. 8" IN WELL & COVER SEE PG. ~~84~~ 83
+	3.988		4.080			
T	1043.449	−2.218	−2.220			
−	6.206		6.300			
TBM	1037.243		37.243		1037.244	FD. L.S.N., L.A. CO. ENGR. TAG. E'LY 2ND GATE HOUSE @ MAIN ENTRANCE PG. 71, 99
+	2.829		2.879			
T	1040.072	−2.574	−2.572			
−	5.403		5.451			
T.P.	1034.669		34.671			
+	4.070		4.083			
T	1038.739	−0.885	−0.885			
−	4.955		4.968			
T P	1033.784		33.786			
+	9.4[illegible]		9.430			
T	1043.209	+7.935	7.935			
−	1.490		1.495			
T P	1041.719		41.721			
+	5.428		5.402			
T	1047.147	−4.267	−4.267			
−	9.695		9.669			
B.M. 205-12A	1037.452		1037.453	RECORD →	1037.458	B.M. 205-12A SEE PG. ~~99~~ 97 FOR DESCRIPTION.

76-L-298 CE 307 5-66

PLEASE RETURN TO
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STATION	B. S.	H. I.	F. S.	ELEV.	
	BENCH LEVELS - FROM BM W-40 (BM 308) N'LY TO B.M. IN S'LY END OF RETAINING WALL @ SEWAGE PLANT AS SHOWN IN F.B. 855-179 & RETURN.				
					SEE PG 73-A
B.M. 308				1122 453.6	FD. BRASS CAP SET IN CONC.-S'LY HD. WALL S. OF SEWER PLANT SEE PG. 88, 90 (ALSO F.B. 971-186 OLD ELEV.)
	8 660	1131 113.6			
P			0 348	1130 765.8	
	7 149	1137 917			
BM 310			0 591	1137 323.6	FD. BRASS CAP SET S'LY END CONC. RETAINING WALL BELOW IMHOFF TANKS F.B. 855, 179
	0 553	1137 876.9			
T.P.			7 112	1130 764.7	
	1 630	1132 394.7			
BM. 308			9 942	1122 452.5	SEE - 8 LINES ABOVE

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0084.11 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of HONOR RANCHO
Notes Chk'd. D. SAPPELL Checked ____ Survey by C.L.W. Notes RTA Date 2 OCTOBER 68
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3902 PG. 99

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.	
BENCH LEVELS FROM B.M. #310 @ S'LY END RETAINING WALL @ SEWER PLANT THRU TBM #311 & TBM #312 & RETURN.					
	SEE	PG	73-A		
B.M. 310				1137 32 6	FD. BRASS CAP SET S'LY END CONC. RETAINING WALL BELOW IMHOFF TANK PG. 10 (ALSO F.B. 855-179) OLD ELEV.
	3 412	1140 73 8			
			2 748	1137 98 90	
	10 433	48 42 3			
			1 399	47 02 4	
	9 726	56 74 50			
TBM # 311			4 574	1152 17 6	SET CUT SPIKE & LEAD IN LANDING AT TOP OF STEPS SEE PG 63
	5 102	57 27 8			
TBM # 312			2 718	1154 55 60	SET CUT SPIKE & LEAD IN S.E. COR. OF RECT. PROJECTION ON EAST SIDE OF S'LY IMHOFF TANK.
	3 320	56 87 80			
			9 732	1147 14 8	
	1 248	48 39 6			
			9 510	1138 88 6	
	1 909	40 79 5			
B.M. 310			3 469	37 32 6	SEE 14 LINES ABOVE

F. B. [illegible] PG. 100 Job No. 0084.11 Division No. Notes Red Plotted Profile
Survey of HONOR RANCHO Date Date No.
Survey by C.L. WRIGHT Notes R.J. ALMANZAN Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date Date No.

765420 S & E-353 9-55

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NOTES RED _____ JOB NO. 0084.11 SURVEY OF Honor Rancho
DATE _____ SURVEY BY C.L. WRIGHT
NOTES CHKD. SAPPELL NOTES BY R.J. ALMANZAN DATE 7 OCTOBER 68
DATE _____ INDEXED C.J. GALLI DATE _____

F.B. 3902 PG. 101

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	WAYSIDE HONOR RANCHO - BENCH LEVELS - FROM (NEW BM 309) EAST'LY TO BRASS CAP - WEST ENTRANCE MAXIMUM SECURITY UNIT AND RETURN. J.N. 0084.11					
			SEE	PG	73.A	
BM # 309	1162.635		1162.633		1162.635	HONOR RANCHO - ADMINISTRATION BLDG. - PORCH + N.W COR. TOP CONC. FD. C.S. BRASS CAP P.L. 89 88 ALSO F.B. 971-187 " F.B. 700-41
	4.030		4.078			
⊼	1166.665	-3.136	-3.134			
	7.166		7.212			
TP	1159.499		59.499			
	1.684		1.745			
⊼	1161.183	-1.626	-1.627			
	3.310		3.372			
TP	1157.873		57.872			
	8.848		8.885			
⊼	1166.721	+7.760	+7.757			
	1.088		1.128			
TP	1165.633		65.629			
	9.759		9.773			
⊼	1175.392	+8.914	+8.911			
	0.845		0.862			
TP	1174.547	----	74.540			
	10.042		10.018	10.032		
⊼	1184.587	+8.882	+8.888	1184.579		
	1.160		1.130	1.147		
TP	1183.432	◄	83.428			

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JOB NO. 2024.11 SURVEY OF HONOR RANCHO
SURVEY BY [illegible]
NOTES BY R.J.A. DATE OCT '68
INDEXED C.J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1183.438		1183.428			
	10.887		10.941			
T	1194.319	+10.717	+10.715			
	0.170		0.226			
TP	1194.147		94.143			
	10.310		10.345			
T	1204.457	+10.100	+10.100			
	0.210		0.245			
TP	1204.247		1204.243			
	11.709		11.683			
T	1215.956	+11.290	+11.293			
	0.419		0.390			
TP	1215.537		15.536			
	7.750		7.701			
T	1223.287	+5.312	+ 5.31[illegible]			
	2.438		2.390			
TP	1220.849		1220.841			
	6.827		6.858			
T	1227.676	+3.925	+ 3.927			
	2.902		2.931			
BM#W-279 BM ?	1224.774		1224.774		1224.775	FD BRASS CAP SET IN CONC FRONT STEPS BM#W-279 MAY SECURITY BLDG EL=1224.77 PER F.B. 1266-44
	2.854		2.909			
T	1227.628	-2.171	-2.178			
	5.031		5.087			
TP	1222.597		22.596			
	6.485		6.441			
T	1229.082	+ 3.156	+ 3.158			
	3.329		3.283			
TBM	1225.753		1225.754		1225.754	FD LC & A spk w/ BP#8 F.B. 2952-71

F.B. 3902 PG. 02

76S420 S & E-353 9-55

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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
TBM	1225.753		1225.754		1225.754	Fd Lg b sft w#
	1.209		1.138			
T	1226.962	-9.860	-9.862			
	11.069		11.000			
TP	1215.893		15.892			
	0.385		0.405			
T	1216.278	-9.993	-9.993			
	10.378		10.398			
TP	1205.908		05.899			
	0.881		0.893			
T	1206.789	-6.081	-6.081			
	6.962		6.974			
TP	1199.828		99.818			
	3.640		3.649			
T	1203.469	-0.885	-0.886			
	4.525		4.535			
TBM	1198.934		98.932		1198.934	Fd L&T on SW corner of 2' high conc.
	0.265		0.270			block drain. Drop in Box N. of
T	1199.199	-8.577	-8.578			Divider Fence Between Med & Min Sec. Units
	8.847		8.848			
TP	1190.357		90.354			
	1.491		1.505			
T	1191.848	-7.191	-7.194			
	8.682		8.699			
TP	1183.168		83.160			
	1.078		1.040			
T	1184.244	-9.280	-9.280			
	10.358		10.320			
TP	1173.886		73.880			

NOTES RED _____ JOB NO. 2084.11 SURVEY OF HONOR RANCHO
DATE _____ SURVEY BY C.L. WRIGHT
NOTES CHRD SAPPELL NOTES BY R.J. ALMANZAN DATE 7 OCTOBER 68
DATE _____ INDEXED C.J. GALLI DATE _____

F.B. 3907 PG. 103

76S420 S & E-353-9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	1173.888		1173.880			
	1.079		0.992			
⊼	1174.967	-10.802	-10.804			
	11.881		11.796			
TP	1163.086		63.076			
	1.597		1.583			
⊼	1164.683	-6.261	-6.261			
	7.858		7.844			
TP	1156.825		56.815			
	4.810		4.770			
⊼	1161.635	+0.613	+0.613			
	4.197		4.157			
TP	1157.438		57.423			
	9.120		9.100			
⊼	1166.558	+5.200	+5.200			
	3.920		3.900			
B.M 309	1162.638		62.623		1162.635	WAYSIDE HONOR RANCHO – ADMINISTRATION BLDG – CONC. PORCH – N.W. COR. FD. BRASS CAP SEE PG. 103 88

JOB NO. 0084.11 SURVEY OF HONOR RANCHO NOTES RED.
SURVEY BY C. L. WRIGHT DATE
NOTES BY R. A. DATE OCT 68 NOTES CHKD.
INDEXED C. J. GALLI DATE DATE

F. B. 3902 PG. 104

76S420 S & E-353 9-55

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NOTES RED _____ JOB NO. 0084.11 SURVEY OF HONOR RANCHO
DATE _____ SURVEY BY C.L. WRIGHT
NOTES CHKD SAPPELL NOTES BY R.J. ALMANZAN DATE 8 OCT 68
DATE _____ INDEXED C.J. GALLI DATE _____

F.B. 3902 PG. 105

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	WAYSIDE HONOR RANCHO - BENCH LEVELS FROM B.M. 308 (SEWER PRELIMINARY) N.W'LY TO LA. CO. ENGR. B.M. 208-7A					
			21.N.0084.11			SEE PG 73-D
B.M308	1122.45 6		1122.453		1122.456	FL. BRASS CAP SW'LY HD. WALL - CONTRACT C. OF SEWER PLANT
	7.789		7.810			Pg. 88, 87,
⊼	1130.242 5	+ 7.304	+ 7.302			
	0.485		0.508			
T.P.	1129.757 60		29755			
	10.149		10.135			
⊼	1139.906 8	+ 7.909	+ 7.912			
	2.240		2.223			
TP	1137.667 9		37.667			
	6.256		6.280			
⊼	1143.922 5	+ 2.058	+ 2.059			
	4.198		4.221			
TP	1139.724 7		39.726			
	5.510		5.530			
⊼	1145.234 7	+ 0.940	+ 0.941			
	4.570		4.589			
TBM	1140.664 7		40.667			SET CHISEL (⊕) ON E HD. WALL OF DRIN - MAIN ENTRANCE TO NURSERY
	3.128		3.089	3.119		
⊼	1143.792 5	- 3.084	- 3.089	- 3.083		
	6.212		6.178	6.202		
TP	1137.580 3		37.584			
	3.898		3.881			
⊼	1141.478 81	- 3.708	- 3.709			
			7.590			

76S420 S & E-353-9-55

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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
⊼	1141.4~~68~~81	-3.708				
	7.606					
TP	1133.87~~2~~5		33.875			
	2.100		2.110			
⊼	1135.97~~2~~5	-7.223	-7.222			
	9.323		9.332			
TP	1126.~~649~~53		26.653			
	0.275		0.290			
⊼	1126.92~~4~~7	-7.165	-7.166			
	7.440		7.456			
TP	1119.48~~4~~7		1119.487			
	7.290		7.302			
⊼	1126.77~~4~~7	+4.756	+4.757			
	2.534		2.545			
B.M.	1124.24~~8~~3		24.244			FD C.S. MON - BRASS CAP IN CONC PORCH OF
	2.524		2.483			ENGINEER BLDG F.B. 971-185
⊼	1126.76~~4~~7	-9.189	-9.189			
	11.713		11.672			
TP	1115.05~~4~~4		15.055			
	1.579		1.598			
⊼	1116.63~~8~~3	-7.582	-7.582			
	9.161		9.180			
TP	1107.4~~69~~72		07.473			
	2.025		2.142			
⊼	1109.49~~4~~7	-7.016	-7.016			
	9.041		9.158			
TP	1100.45~~3~~6		1100.457			
	5.805		5.851			
⊼	1106.2~~58~~61	+3.551	+3.550			
			2.301			

NOTES RED. DATE
NOTES CHKD. DATE
JOB NO. 2084.11 SURVEY OF HONOR RANCHO
SURVEY BY C.L. WRIGHT
NOTES BY R.J. ALMANZAN DATE OCT '68
INDEXED C.J. GALLI DATE

F.B. 3902 PG. 106

765420 S & E-353 9-55

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900 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
⊼	1106.258 61					
	2.254					
T.P	1104.007		1104.007			
	2.304		2.373			
⊼	1106.368 66	- 0.213	- 0.211			
	2.517		2.584			
B.M. W-110	1103.798		1103.796			FD. STD. BRASS CAP MON. FLUSH. SET
	~~6.678~~ 63		6.669	6.589		MARKER PIPE 5' NORTH PER F.B. 1686-9
⊼	1110.449	+ 3.975	+ 3.970	+3.968		
	~~4.683~~		2.699	2.621		
TP	1107.764		1107.764			
	8.005		8.013			
⊼	1115.769	+ 5.476	+ 5.477			
	2.529		2.536			
T.P	1113.237 48		1113.241			
	7.951		7.964			
⊼	1121.188 51	+5.881	+5.882			
	2.070		2082			
TP	1119.118 26		1119.123			
	7.428		7.442			
⊼	1126.546	+4.142	+ 4.140			
	3.286		3.302			
TP	1123.263		1123.263			
	5.880		5.921			
⊼	1129.143	+5.663	+5.646			
	0.217		0.255			
BM W-108	1128.923 6		1128.929			FD. C.S. MON PER FB 1686-9 — SET MARKER PIPE 3' N.

NOTES RED _____ JOB NO. 0084.11 SURVEY OF HONOR RANCHO
DATE _____ SURVEY BY C. L. WRIGHT
NOTES CHKD SAPPELL NOTES BY MR NEVAREZ DATE OCT 8, 1968
DATE _____ INDEXED C. J. GALLI DATE _____

F.B. 3902 PG. 107

76S420 S & E-353 9-55

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JOB NO. 0034.11 SURVEY OF HONDR RANCHO
SURVEY BY C.L. WRIGHT
NOTES BY R.T. ALMANZAN DATE 9 OCTOBER 68
INDEXED C.J. GALLI DATE
NOTES CHKD. DATE
NOTES RED. DATE

F.B. 3902 PG. 108

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM W-108	1128.923		1128.929			
	2.870		2.850			
T	1131.793	-1.229	-1.227			
	4.099		4.077			
TP	1127.694		1127.702			
	5.827		5.851			
T	1133.524	+1.515	+1.516			
	4.312		4.335			
BM	1129.212		1129.218			Fd 1/4 1/4 Cor - C.S. Mon dn 12" Per FB 1686-9
	6.105		6.082			
T	1135.314	-0.344	-0.343			
	6.449		6.425			
TP	1128.865		1128.875			
	3.450		3.421	3.385		
T	1132.315	-3.985	-3.981	-3.983		
	7.435		7.402	7.368		
TP	1124.882		1124.885			
	3.320		3.301			
T	1128.202	-2.701	-2.704			
	6.021		6.005			
TP	1122.181		1122.181			
	4.018		4.033	4.050		
T	1126.199	-1.725	-1.729	-1.731		
	5.743		5.762	5.781		
TP	1120.452			1120.450		
	4.715		4.740	4.751		
T	1125.167	-1.985	-1.981	-1.986		
	6.700		6.721	6.737		
BM W-107	1118.467			1118.464		Fd C.S. Mon - Sec Cor dn 12" @ Int's Tapia Cyn Rd's N.S. & E.W. Per FB 1686-8

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM W-107	1118.467		1118.464			FD C.S MON - SEC COR dn 12" @ Int's of
	3.371		3.379			TAPIA CYN RD'S N.S. - E.W PER F.B 1636-8
T	1121.838	- 5.267	- 5.264			
	8.638		8.643			
TP	1113.208		1113.200			
	0.256		0.225			
T	1113.458	- 6.146	- 6.147			
	6.402		6.372			
TP	1107.054		1107.053			
	4.129		4.142			
T	1111.183	- 1.456	- 1.658			
	5.785		5.800			
TP	1105.398		1105.395			
	5.032		5.055			
T	1110.430	- 1.785	- 1.783			
	6.817		6.838			
TP	1103.613		1103.612			
	8.710		8.752			
T	1112.323	+ 3.380	+ 3.381			
	5.330		5.371			
TP	1106.993		1106.993			
	6.281		6.292	6.205		
T	1113.274	+ 1.491	+ 1.487	+ 1.485		
	4.790		4.805	4.720		
TP	1108.488			1108.478		
	5.741		5.728			
T	1114.229	+ 3.278	+ 3.278			
	2.463		2.450			
TP	1111.758		1111.756			

NOTES RED _____ JOB NO. 0084.11 SURVEY OF Honor Ranch
DATE _____ SURVEY BY C.L. WRIGHT
NOTES CHKD SAPPELL NOTES BY R.J. ALMANZAN DATE 9 OCT 68
DATE _____ INDEXED C.J. GALLI DATE _____

F.B. 3902 PG. 109

76S420 S & E-353-9-55

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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
TP	1111.7~~58~~61		1111.756			
	6.488		6.507			
⊼	1118.24~~6~~9	+ 3.349	+ 3.349			
	3.139		3.158			
T.B.M.	1115.1~~67~~60		1115.105			SET L&Sm bt spk 2' in FROM CURB (2' N. OF S'LY END ON TOP OF CONC. CURB W'LY SIDE FRONTAGE RD. NEAR INT. W/ TAPIA CYN RD.
	7.306		7.290			
⊼	1122.41~~3~~6	+ 4.047	+ 4.049			
	3.259		3.241			
TP	1119.15~~4~~7		1119.154			
	7.143		7.151			
⊼	1126.~~247~~380	+ 3.879	+ 3.879			
	3.264		3.272			
TP	1123.03~~3~~6		1123.033			
	7.465		7.470			
⊼	1130.~~498~~501	+ 4.575	+ 4.572			
	2.890		2.898			
TP	1127.6~~68~~66		1127.605			
	7.081		7.110	7.090		
⊼	1134.689	+ 4.902	+ 4.906	+ 4.904		
	2.179		2.204	2.186		
TP	1132.51~~2~~5		1132.511			
	6.703		~~6.681~~	6.665		
⊼	1139.21~~5~~8	+ 0.844	+ ~~0.851~~	+ 0.844		
	5.859		~~5.830~~	5.821		
TP	1133.356~~9~~		1133.355			
	3.831		3.778			
⊼	1137.1~~87~~89	- 2.983	- 2.983			
	6.814		6.761			E'LY SIDE E'LY FRONTAGE RD.
T.B.M.	1130.37~~3~~6		1130.372			SET L&Sm bt spk on N END OF Hd. WALL OF CULVERT 400± S. OF OF REST AREA (CASTAIC)

NOTES RED. DATE
NOTES CHKD. DATE
JOB NO. 0084.11 SURVEY OF Honor Rancho
SURVEY BY C.L. WRIGHT
NOTES BY R.J. ALMANZAN DATE 9 OCT 68
INDEXED C.J. GALLI DATE
F.B. 3902 PG. 10

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M.	1130.37~~3~~6		1130.372			SET L & Sm bt spk on N. END Hd WALL OF CULVERT
	3.020		2.952			400± S OF REST AREA (CASTAIC) E'LY
⊼	1133.39~~3~~6	- 6.295	- 6.296			SIDE OF E'LY FRONTAGE RD.
	9.315		9.248			
TP	1124.0~~78~~81		1124.076			
	4.765		4.750			
⊼	1128.84~~3~~6	+ 0.764	+ 0.765			
	4.001		3.985			
TP	1124.84~~2~~5		1124.841			
	6.201		6.183			
⊼	1131.04~~3~~6	+ 4.079	+ 4.078			
	2.122		2.105			
TP	1128.92~~1~~4		1128.919			
	8.630		~~8.619~~	8.631		
⊼	1137.55~~1~~4	+ 7.090	+ ~~7.094~~	+ 7.089		
	1.540		~~1.525~~	1.542		
TP	1136.01~~7~~4			1136.008		
	9.448		~~9.444~~	9.429		
⊼	1145.4~~59~~62	+ 9.108	+ ~~9.113~~	+ 9.109		
	0.340		~~0.331~~	0.320		
BM W-101	1145.1~~19~~22			1145.117		FD C.S. MON. - UP 3" - 3' E. OF OLIVE TREE.
	2.932		2.945			124'± W OF ℄ OLD HWY 99 & 24'± S. OF ℄ PARKER RD.
⊼	1148.05~~1~~4	- 2.316	- 2.316			CASTAIC, PER F.B. 1684-6
	5.248		5.261			
TP	1142.80~~3~~6		1142.801			
	6.740		6.750			
⊼	1149.54~~3~~6	+ 1.942	1.941			
	4.798		4.809			
TP	1144.74~~5~~8		1144.742			

NOTES RED _____ JOB NO. 0084.11 SURVEY OF Honor Rancho
DATE _____ SURVEY BY C.L. WRIGHT
NOTES CHKD SAPPELL NOTES BY R.J. ALMANZAN DATE 9 OCT 68
DATE _____ INDEXED C.J. GALLI DATE _____

F.B. 3902 PG. 111

765420 S & E-353 9-55

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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
TP	1144.748		1144.742			
	4.247		4.278			
T	1148.994	-0.703	-0.703			
	4.950		4.981			
TP	1144.044		1144.039			
	5.413		5.440			
T	1149.455	+1.671	+1.673			
	3.742		3.767			
TP	1145.713		1145.712			
	6.821		6.842			
T	1152.534	+5.791	+5.792			
	1.030		1.050			
B.M. 208-74	1151.504		1151.504	-0.651	= 1150.853	REC. FIELD ELEV - 1150.848 ✓

LAKE HUGHES ROAD - 0.15 MILE SOUTH OF CASTAIC UNION SCHOOL AT BRIDGE NO. B-710, 28.0 FEET NORTHEAST OF THE CENTER OF A DIRT ROAD, 15.8 FEET WEST OF THE CENTER OF LAKE HUGHES ROAD SET IN THE TOP OF THE SOUTH END OF THE WEST CONCRETE CURB OF BRIDGE, 2.3 FEET NORTH-WEST OF THE SOUTHEAST CORNER OF CURB.
FD A BRONZE DISC, U.S.C.&G.S. MARKED S-970 1964
F.B. 3721-167

JOB NO. 0084.11 SURVEY OF HONOR RANCHO
SURVEY BY E.L. WRIGHT
NOTES BY R.J. AUMANN DATE 9 OCT 68
INDEXED C.J. GALLI DATE
NOTES RED. DATE
NOTES CHKD. DATE

F.B. 3902 PG. 112

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
					WAYSIDE HONOR RANCHO - SEWER PRELIMINARY
					ADDITIONAL PIPELINE CROSSINGS & ELEVATIONS
					L.N. 8589.01
					SEE PG 73-A
37+18					12" STEEL CASING OIL LINE INSIDE
37+38					8" " " " " "
37+91					6" STEEL WATER
38+29					3" WASTE WATER
38+30±					15' L 3" WASTE WATER
40+54					CROSSING OIL LINE - POSSIBLY IN 18" CONDUIT
+59					
+73					PATCH INDICATES CROSSING OIL LINES
+77					
+83±					PATCH INDICATES CROSSING OIL LINES
+85±					
+88					PATCH INDICATES CROSSING OIL LINES
+96					
BM # 302				1054.175	MAIN ENTRANCE ROAD, 3 BBL. CULVERT 900'± N. OF PISTOL RANGE
					W. HD. WALL, N. END FD. BRASS CAP. PO
	3653	1057	828		

Profile Notes Red ____ Plotted ____ Job No. 8589.01 Division No. ____
No. ____ Date ____ Date ____ Survey of HONOR RANCHO - SEWER
X-Sec. Notes Oak SAPPELL Checked ____ Survey by C.L. WRIGHT Notes C.L.W. Date OCT. '68
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 7902 PG. 113

F. B. 700 PG. 114

Job No. 8589.01 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of HONOR RANCHO- SEWER Date _____ Date _____ No. _____

Survey by C.L. WRIGHT Notes C.L.W. Notes Chk'd. _____ Checked _____ X-Sec.

Indexed C. J. GALLI Date OCT. '68 Date _____ Date _____ No. _____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
53+78.4		1057 828.9			
54+21.5			11 172	1046 656.7	31.4 L F/L ELEV (EAST)
BM 302			11 774	1046 054.5	11 I R F/L ELEV (WEST)
			3 652	1054 176.7	

Profile No.	Notes Red	Plotted	Job No. 8589.01	Division No.	
	Date	Date	Survey of HONOR RANCHO		
X-Sec. No.	Notes Ink D. SAPPELL	Checked	Survey by C.L. WRIGHT	Notes C.L.W.	Date OCT '68
	Date	Date	Map No.	Indexed C. J. GALLI	Date OCT 24 '68

WAYSIDE HONOR RANCHO

SEWER PRELIMINARY

TRANSIT LINE PROFILE

J.N. 8589.01

SEE PG 73-A

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

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76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
TBM #311				1152 173 6	FO. BOAT SPK IN LEAD TOP OF STAIR LANDING PG 63, PG 100
	9 89	1162 066			
TBM #312			7 50	1154 56 ✓	FO. BOAT SPK IN LEAD S.E. COR. E'LY RECTANGULAR PROJECTION S'LY IMPACT PG 100 CHECK SHOT
0-02			9 18	52 88 ✓	INVERT INLET 8" V.C.P.
0+02			9 18	52 88 ✓	" OUTLET "
0+01			3 77	58 29 ✓	TOP M.H. RING
TBM #312			7 50	1154 56 ✓	
	6 99	1161 55 ✓			
1+73 26			4 72	56 83 ✓	6" BOAT SPK
2+36 9			4 0	57 5 ✓	GROUND @ 12" STEEL WATER - DEPTH - 36" TO 48" NOTE POSSIBILITY OF CONC. THRUST BLOCK ON WATER LINE. DEPTH BY PIPE LOCATOR ONLY.
TBM #312			6 99	1154 56 ✓	
	6 46	1161 02 ✓			
T.P.			3 04	1157 98 ✓	
	3 7	1161 69 ✓			
3+27 2			9 23	52 46 ✓	OUTLET INVERT 12" VCP
3+31 3			9 18	52 51 ✓	INLET " "

F. B. PG. 116 Job No. 8589 Division No. Notes Red Plotted Profile
Survey of Notes Date Date No.
Survey by C.L.W. Notes Checked X-Sec.
Indexed C. J. GALLI Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
		1161 69			
3+30 3			3 80	57 89	TOP M.H RIM. UP 9 3 ABOVE NAT. GROUND.
TP			3 33	1158 36	
	3 75	1162 11			
4+28 ±			9 42	52 69	OUTLET INVERT 12" VCP.
4+30 ±	2'L.		9 34	52 77	INLET " " "
4+31 3			3 75	58 36	TOP M.H. RING UP 1 2
4+42			4 3	57 84	TOP BRK.
TP			10 88	1151 23	
	1 37	1152 60			
TP			11 27	1141 33	
	0 58	1141 91			
			11 0	30 9	TOP BRK
			10 18	1131 73	
	1 55	1133 28			
			10 69	1122 59	
	5 71	1128 30			
BM #308			5 86	1122 44	FO CS BRASS CAP TOP SW'LY HDWALL - CULVERT
BM #308				1122 45 3	S. OF SEWER PLANT PG. 87, 89
	5 63	1128 08			
5+00			5 2.	22 9	BOT. BRK.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8589.01 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Honor Rancho
Notes Chk'd. D. SAPPELL Checked ____ Survey by C.L.W. Notes C.L.W. Date Oct 68
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3902 PG. 117

76-L-298 CE 307 5-66

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F. B. Pg. Job No. 8581.0 Division No. Notes Red. Plotted Profile
Survey of HONOR RANCHO - SEWER Date Date No.
Survey by Notes Notes Chk'd. Checked X-Sec.
Indexed C. J. GALLI Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	
		1128 08			
5+01 3			5[illegible]	1122 85	Top Conc. Block Drain
"			6 30	21 78	F. Conc. Drain
5+05 1			6[illegible]	21 78	" "
"			5 10	22 89	Top Conc. Block Drain
5+06			8 99	19 09	Top 10" A.C. Water
5+06			5 2	2[illegible] 9	N'ly Edge Kerb (Asphalt Paved)
+39 23			5 8	24 24	Sq. Hd. Pt.
5+44			4 0	[illegible] 1	Top Bnk
[illegible] 308			5 63	1122 45	Fd. Brass Cap See Pg. 87, 89, 117 1122 45 6/8

NOTE: SEE PG. 81 FOR PROFILE - STA. 5+52 TO 9+45 51

T. [illegible] 307				1114 [illegible] 4	Fd. Brass Cap See Pg. 87, 89
	6 619	1121 [illegible] 95 5			
			2 859	1118 735 7	
	7 393	1126 13 5			
9+54 51 7.7			1921	1124 42 4	Fd Sq. Sh. Pt. Pg. 65
	3 520	1127 [illegible] 4			
9+45			[illegible] 0	24 1	Top Bnk
+ 54			3 50	24 23	Edge Pavt

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
		1127 73 4/2			
9+70			5 55	1122 18	EDGE PVMT.
+85			5 5	21 9	EDGE OILE SHOULDER
+91 6			6 08	21 65	TOP EDGE CONC. DRAIN
+92 6			7 04	20 69	F.L. CONC. DRAIN
+93 6			7 04	20 69	" " "
+94 6			6 13	21 60	TOP EDGE CONC DRAIN
10+00			6 15	21 58	
11 +00			4 92	22 81	
+47			4 1	23 6	BOT BRK
+48 6			3 4	24 3	TOP "
+			3 60	24 13	TOP EDGE CONC. DRAIN
			8 52	19 21	F.L. " "
11+71			8 51	19 22	2" GAS LINE CROSSING " " "
11+81			3 57	24 16	TOP EDGE " "
+87			3 5	24 2	TOP BRK
11+91			4 4	23 3	BOT. "
12+02 58	M.H. & T.P.		4 285	1123 447	(T.P.) SO. SPK PT.
	0451	1123 900 898			
12+88					12" CONC. DRAIN
13 +00			4 50	19 40	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8589.01 Division No. ____ F.B. 390E PG. 119

X-Sec. No. ____ Date ____ Date ____ Survey of Honor Rancho

Notes Chk'd. R. SAPPELL Checked ____ Survey by C.L.W. Notes C.L.W. Date Oct '68

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

76-L-298 CE 307 5-66

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F. B. 3912 PG. 120 | Job No. 8589.01 | Division No. | Profile No. | X-Sec. No.

Survey of C.L.W. | Notes C.L. WEIGHT | Notes Red | Notes Chk'd. | Plotted | Checked

Survey by C.L.W. | Date Oct '68 | Date | Date | Date | Date

Indexed C. L. GALLI | Date | Date | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	
		1123 906			
13+12					2" GAS LINE
14+00			7[illegible]	16204	
+86			1069	13214	3" OIL & 3" WATER LINES
15+00					TWO - 3" OIL LINES
+36.6			9148	11[illegible]	INT. MAIN CAMP DRAIN & MAIN ENTRANCE R., 3 BBL CULVERT
E.M. 307				1114.744	N. END, E. HD. WALL TOP CONC. RD. BRASS CAP.
E.M. 307					PG 86, 89 1114.744 FIELD ELEV.
	2152	1116 896			
16+00			[illegible]	11162	
+03			545	1145	GUTTER - MAIN RD.
16+16 M.H.			489	12014	6" PERF CAP.
+35 16 B.C.			412	12[illegible]	
17+00			588	11024	
"			720	09704	15 L. PAINT
18+00 T.P.			9181	11071	
	0503	1123 220			
18+00			180	11064	15 L. PAINT
+105 ±					15 L. 2" GAS LINE XING
+246					2" GAS LINE XING
19+00			420	04024	
"			550	02724	15 L

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
		1108 228				
20+00			7 97	1100 25 ✓		
"			9 03	1099 19 ✓	15 L	
21+00 T.P.			11 960	1096 25 60 ✓		
	1 149	1097 40 9				
21+00			1 72	1095 [illegible] ✓	15 L	
+13 58			1 71	1095 70 ✓		6" BOAT SPK WET.
+13 6						14" RICHFIELD OIL LINE
+62 3					15 L	" " " "
22+00			5 05	92 36 ✓		
"			5 11	92 30 ✓	15 L	
+38 4						TEXACO
+41 7					15 L	"
+62 3						TRANSITE WATER
+66 7					15 L	" "
+82 5						6" STEEL WATER
+87 2					15 L	" "
23+00						5" HIGH PRESSURE GAS
+02 26 BC			8 44	88 97 ✓		6" BOAT SPK
"			8 33	89 08 ✓	15 L	
+03 7					15 L	5" HIGH PRESSURE GAS

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8589.01 Division No. ____ F. B. 3302 Pg. 101

X-Sec. No. ____ Date ____ Date ____ Survey of HONOR RANCHO

Notes Ok SAPPELL Checked ____ Survey by C.L.W. Notes C.L.W. Date OCT '68

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

76-L 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
		1097 407 9			
TBM			8 262	1089 145 7	6" BOAT [illegible]
TBM				1089 167 157	NEW BC#2B. Pg. 68, 90
	1241	1090 398 ~~408~~			
24+00			3 79	86 61	
			3 61	86 79	15 L
26+00			7 55	82 55	
"			7 29	83 12	15 L
TP			8 421	1081 987 7	
	2672	1084 629 4			
28+00			4 49	80 17 6	
"			4 05	79 67 0	15 L
30+00			6 74	77 92 1	
"			6 35	78 37 0	15 L
TBM			8 240	1076 479 0	FD. I CUT NE. [illegible] WALL - FOOT BRIDGE R. OF MAIN RD. 3 N. OF FARM CTR
TBM				1076 418 20	Pg. 85, 91 1076 420 FIELD ELEV.
	0230	1076 648 50			
32+00			1 57	75 08	
"			1 02	75 63	15 L
34+00			5 25	71 40	
"			4 74	71 91	15 L

F. B. 3902 Pg. 122
Survey of Honor Rancho
Survey by C.L. Wright
Indexed C. J. GALLI
Job No. 858961
Division No.
Notes Red
Date Oct '68
Notes Chk'd.
Date Oct '68
Plotted
Date
Checked
Date
Profile No.
X-Sec. No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
		1076 648 50			
36+00 TP			8849	1067 ~~799~~ 801	
	2161	1069 960 2			
36+00			167	68 29	15L
38+00			475	65 21	
"			449	65 47	15L
40+00			660	63 36	
"			609	63 87	15L
42+00 TP			8002	1061 ~~958~~ 60	
"	4149	1066 107 9			
42+00			368	62 43	15L
			4115	1061 992 4	Fd. 6" Boat Spk W&T Pt. 84,85,91 ~~1061998~~ 1062.000 Field Elev. (57) CHECK
44+00			563	60 48	
"			516	60 95	15L
45+03 69 E.C.			639	59 72	6" Boat Spk W&T
"			608	60 03	15L
46+00 TP			7443	1058 664	
	2722	1061 386 8			
46+00			253	58 86	15L
48+00			510	56 29	
"			496	56 43	15L

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8589.01 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of Honor Rancho
Notes Chk'd. D. SAPPELL Checked ____ Survey by C.L.W. Notes C.L.W. Date Oct 68
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F.B. 3902 Pg. 103

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
		1061 388			
50+00			7 202	1054 186	
	4 104	1058 290			
50+00			3 92	54 37	15 L
52+00			5 18	53 11	
"			5 00	53 29	15 L
54+00			5 00	53 29	
+28 E					15 L 2½" GAS LINE
54+00			4 77	53 52	15 L
54+47 3					2½" GAS LINE
BM #302			4 109	1054 181	SEE PG. 84, 93 MAIN ENTRANCE RD.
BM. #302				1054 175	900' ± N. OF PISTOL RANGE, 3 BBL CULVERT - TOP CONC. HD. WALL - N. END W. HD-WALL FD. BRASS CAP.
	4 825	1059 001			
56+00			5 09	53 91	
"			4 90	54 10	15 L
58+00 TP			4 562	1054 438	
	4 525	1058 963			
58+00			4 44	54 52	15 L
60+00			5 15	53 81	
"			4 94	54 02	15 L
62+00			7 11	51 85	
			6 11	52 85	15 L

F. B. [illegible] PG. [illegible] Job No. 8589.01 Division No. Notes Red Date [illegible] Plotted Date No. Profile
Survey of [illegible] Notes [illegible] Date OCT 68 Checked Date No. X-Sec.
Survey by [illegible] Notes Chk'd. Date
Indexed C. J. GALLI

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
		1058 96 4/3			
62+35 71	B.C.		7 50	51 46	
			6 34	52 62	/5 L
7 BM			6 81	1052 1 50	
7 BM				1052 157	FD. 6" BOAT SPK W&T. PG. 83, 92 FIELD ELEV. 1052.157
	4 818	1056 97			
63+00			5 97	1051 01	
"			4 69	52 29	/5 L
4 [illegible] 100			6 88	50 10	
"			5 50	51 48	/5 L
65+00			7 77	49 21	
"			6 32	50 66	/5 L
66+00			8 69	48 29	
			7 43	49 55	/5 L
TP			8 150	1048 825	
	3 039	1051 864			
66+28 66	E.C.		3 78	48 08	
"			2 66	49 20	/5 L
68+00			5 05	46 81	
"			4 61	47 25	/5 L

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8589.01 Division No. ____ F.B. 3902 Pg. 125

X-Sec. No. ____ Date ____ Date ____ Survey of Honor Rancho

Notes Chk. Dr. SAPPELL Checked ____ Survey by C.L.W. Notes C.L.W. Date Oct '68

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

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.	
		1051 864			
68+33.2					15 L 24" C.M.P.
+33.5					" "
70+00 TP			6 443	1045 421	
	3 122	1048 543			
70+00			2 88	44 66	15 L
72+00			4 96	43 58	
			4 59	43 95	15 L
74+00 TP			6 300	1042 243	
	4 210	1046 453			
74+00			3 95	42 50	15 L
+68.0					15 L 18" C.M.P. CULVERT
75+89.81 B.C.			6 22	40 23	
"			5 21	41 24	15 L
76+00			6 26	40 19	
"			5 38	41 07	15 L
77+00			7 15	39 30	
"			6 10	40 35	15 L
78+00			7 96	38 49	
			7 04	39 41	15 L
78+29.74 E.C. TP			8 121	1038 332	

F. B. 3902 Pg. 126 Job No. 8589.01 Division No. Notes Red Date Oct '68 Plotted Date No. Profile
Survey of Honor Kanco Notes C.L. Wicker Date Oct '68 Notes Chk'd. Date Checked Date No. X-Sec.
Survey by CLW
Indexed C. J. GALLY

76-L-298 CE 307 5-66

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Bill Pg 98

STATION	B. S.	H. I.	F. S.	ELEV.	
				1038 332	
	5 221	1043 553			
[illegible]			536	38 19	
80+00			592	37 63	
TBM			5643	1037 910	FD. L.P.N., L.A.Co. BM.L.R. TAG E'LY END CONC. SLAB @ MAIN GATE HOUSE Pg. 71, 98
T.B.M.				1037 896	1037.248 + 0.651 = 1037.896
	3 798	1041 694			
80+32.40			4 23	37 46	6" BOAT SPK.
81+00			5 01	36 68	PUNT
81+69			3 19	38 50	" @ CURB FACE
81+69.5			2 66	39 03	TOP ASPHALT CURB
81+79			2 34	39 35	BRK DIRT
82+00			4 08	37 61	
82+18			5 28	36 41	BOT. "
83+00			6 34	35 35	
83+46			7 17	34 52	TOE OF BERM
TP			1 009	1040 685	
	4 920	1045 605			
+61.1			2 82	42 78	TOP OF BERM TOP BRK
33+64.42			2 75	42 85	1x2
+74.6			2 37	43 23	TOP OF BERM " "

Profile Notes Red ____ Plotted ____ Job No. 8589 D1 Division No. ____ F. B. 3902 Pg. 127
No. ____ Date ____ Date ____ Survey of 11/2/62 Notes C.L.W. Date Oct '68
X-Sec. Notes C.J. CAPPELLI Checked ____ Survey by C.L.W. Notes C.L.W. Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
		1045 605 6			
TP			11 596	1034 009 10	
	0 609	1034 618 9			
84+04			6 71	27 91	TOE OF BERM
TP			5 123	1029 495 6	[illegible]
	5 997	1035 492 3			
85+61 4			6 27	29 22	
85+88 4			5 58	29 91	EDGE OF ROAD
86+03 44			5 555	29 937 8	TO BT SPK WET INT S.S. LINE & OLD 99
TP			1 700	1033 792 3	
	7 275	1041 067 8			+0.651 = 1037.466 REC FIELD ELEV. 1037.458
BM 205-12A			2 950	1038 112 8	TO USC&GS BR [illegible] PG 98, F.B. 3719-262

ADDITIONAL ELEVATIONS ACROSS FREEWAY AND FRONTAGE ROAD

T.P.				1034 009	SEE 13 LINES ABOVE
	2 488	1036 497			
84+06 3			8 15	28 35	TOP @ FACE ASPHALT CURB
06 6			8 58	27 92	" GUTTER
84+16 6			7 97	28 53	E'LY EDGE CONC PVMT. (FWY)
+65 3			6 97	29 53	W'LY " " " "
+73 3			7 26	29 24	" " ALPHALT SHOULDER

F. B. 3902 PG. 128 Job No. 8589.01 Division No. Notes Red Plotted Profile
Survey of HONOR RANCHO - SEWER Date OCT '68 Date No.
Survey by WRIGHT Notes R.J. ALMANZAN, CLW. Notes Chk'd. Checked X-Sec.
Indexed C. 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.	
		1036.497			
84+83			77	1028.8	DIRT - FWY DIVIDER
84+94			63	29.87	E'LY EDGE ASPHALT SHOULDER
85+02			25	30.25	" " CONC. PVMT.
+50 7			76	29.74	W'LY " " "
+62 2			730	29.20	" " ASPHALT SHOULDER
85+88 5			657	29.93	E'LY " NEW BLACKTOP PAVING NOTE - CONCRETE UNDER BLACKTOP
			656	29.94	TOP BOLT SPK. ON 2" PG. 72, 128
86+23			687	29.63	W'LY " " " " "
86+31			712	1029.38	" " PAVED SHOULDER - POSSIBLY EDGE OF OLD CONCRETE
TP			698	29.49	SEE 5TH LINE DOWN - PG 128

Profile Notes Red ____ Plotted ____ Job No. 8589.01 Division No. ____
No. ____ Date ____ Date ____ Survey of HONOR RANCHO - FREWAY
X-Sec. ____ Notes Chk'd. D. SAPPELL Checked ____ Survey by C.L. WRIGHT Notes C.L.W. Date OCT 65
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date ____

F. B. 3902 PG. 129

Notes Ck'd by	Survey of WAYSIDE SEWER
Map No.	JN 8589.02 Tape 193 Std 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date JAN '69
Date	Indexed C.L. DALLI JAN 30 '69

F.B. 3902 PG. 131

WAYSIDE HONOR RANCHO

SEWER PRELIMINARY

J.N. 8589.02

REFERENCES:
F.B. 2229
F.B. 3719
F.B. 3721
F.B. 3618

CALIF DIV HIGHWAY
A 140.001
A 25.001

PARTY:
C.L. WRIGHT
R.J. ALMANZAN
M.R. NEVAREZ
L.G. KEISNER

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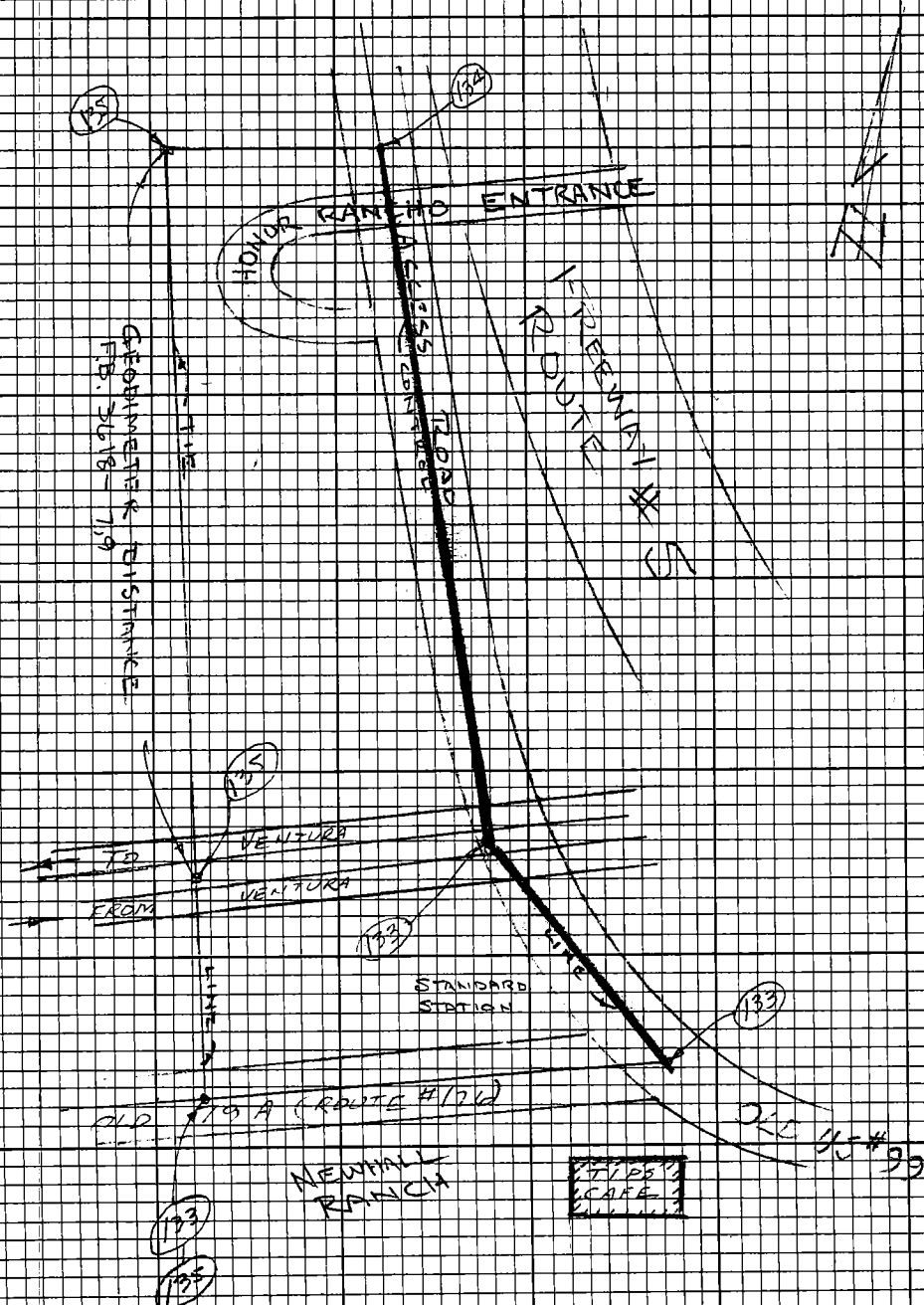
76F3098 CE#310 9-67

F.B. 3902 PG 132

INDEX

HONOR RANCHO SEWER PRELIMINARY



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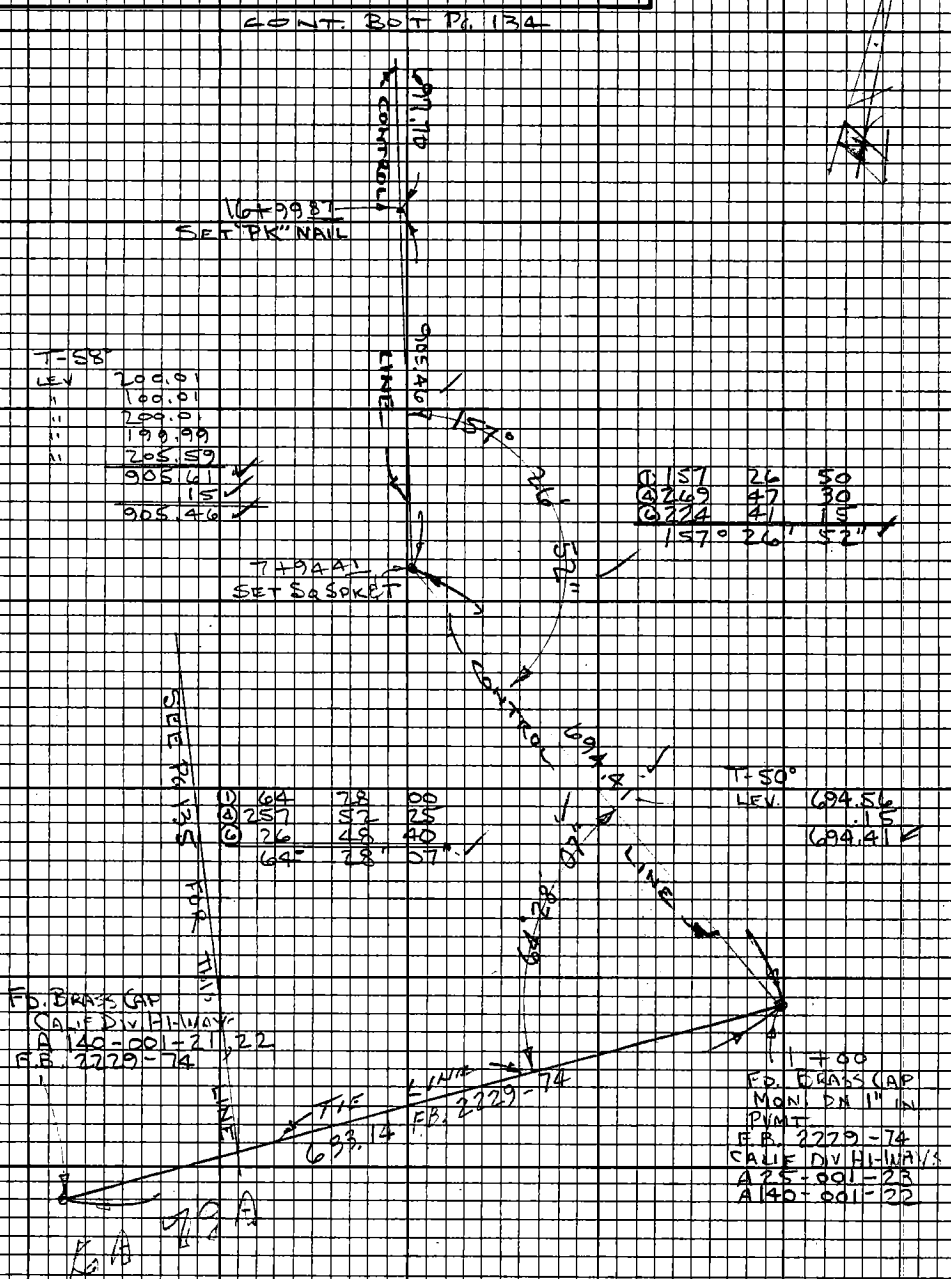
Notes Ck'd by	Survey of WH.R. SEWER
Map No.	JN 8589.02 Tape 193 Std 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date JAN '69
Date	Indexed

F.B. 3902 Pg. 133

CONT. BOT Pg. 134



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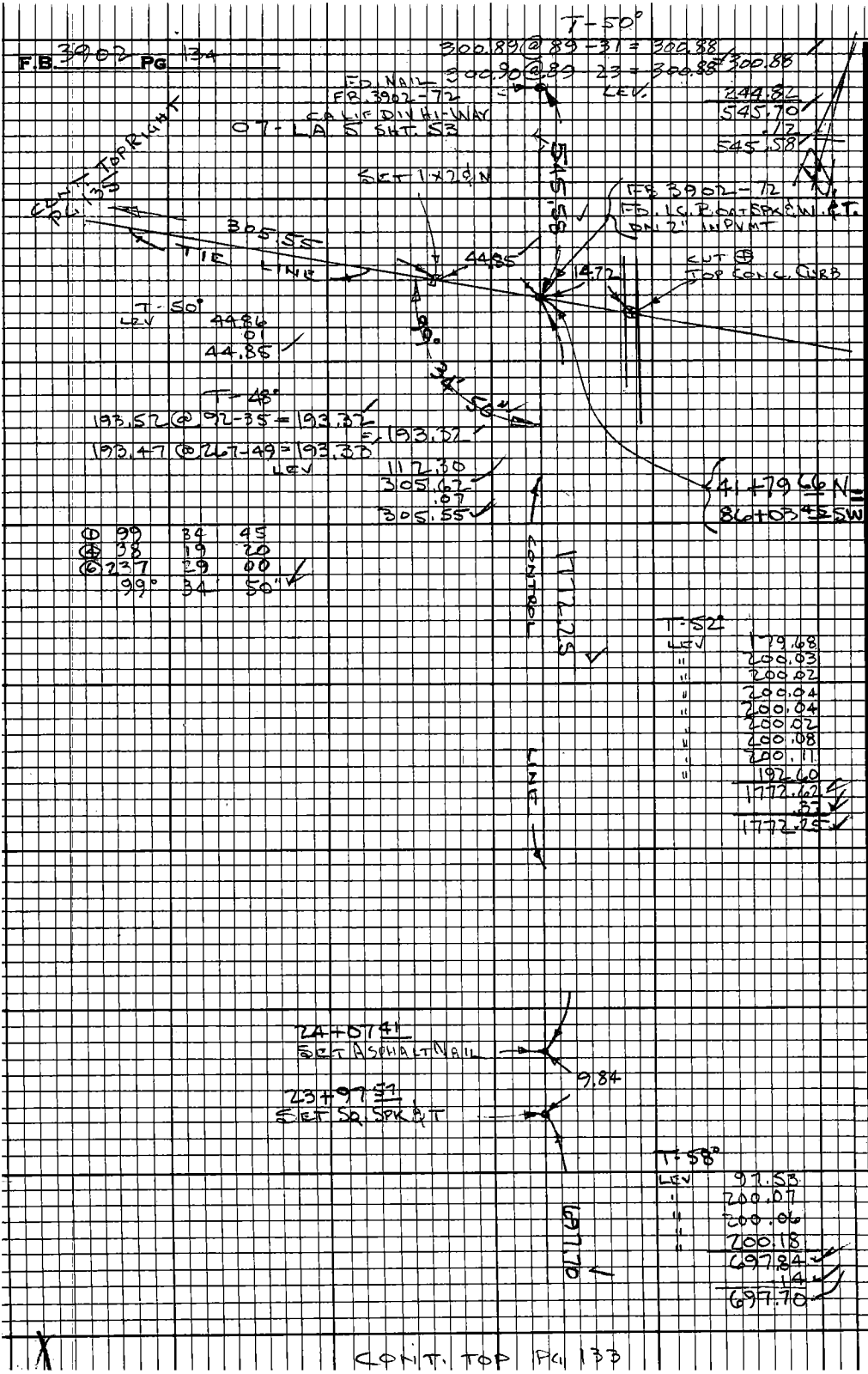
75F3098 CE#310 9-67

F.B. 3902 PG 134



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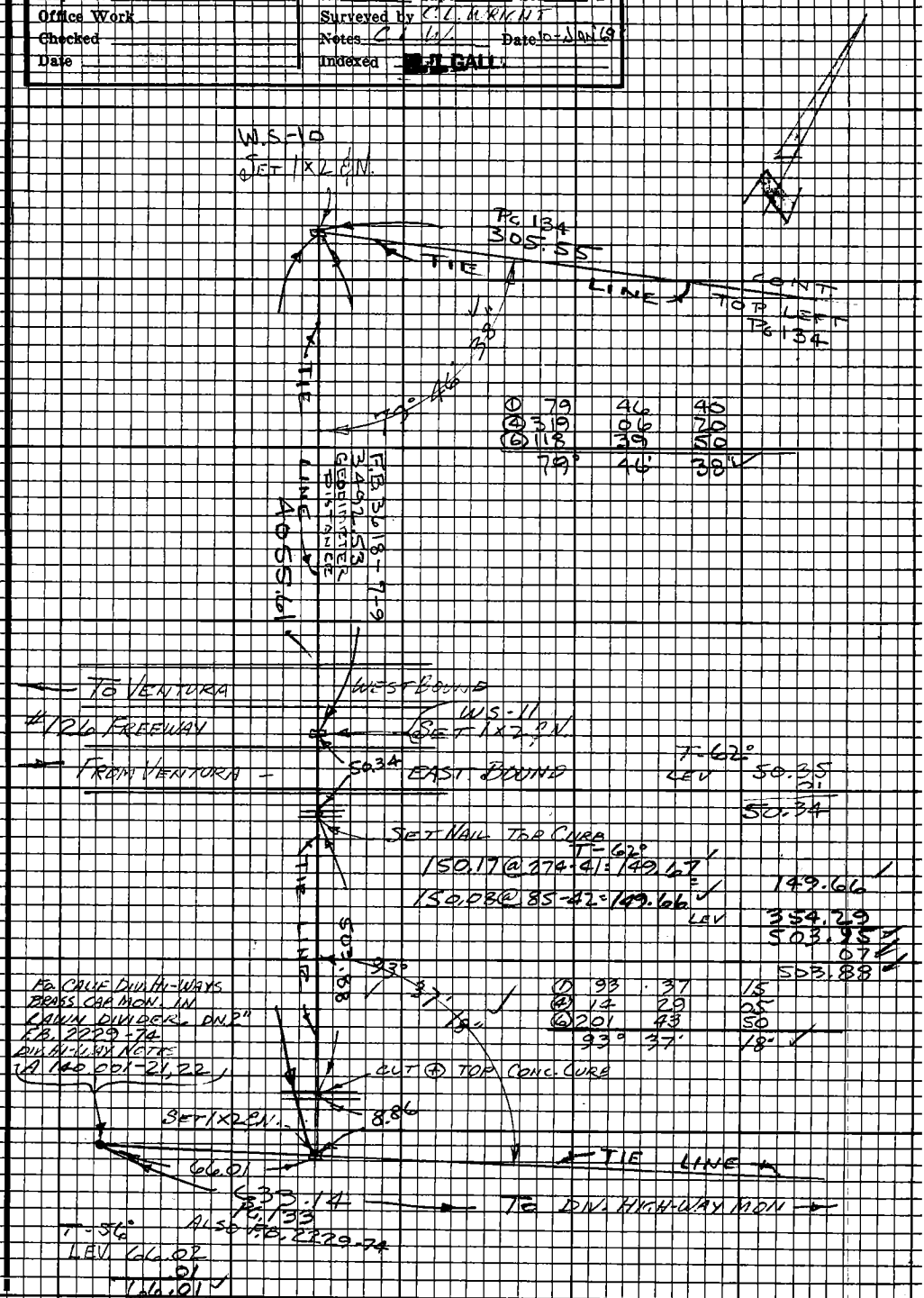
CONT. TOP PG 133

Notes Ck'd by	Survey of WHR. Tower
Map No.	JN 8589.02 Tape 193 Std 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date 10-JAN 69
Date	Indexed [redacted] GALL

F.B. 3902 Pg. 135



①	79	46	40
④	319	06	20
⑥	118	39	50
	79°	46'	38"

①	93	37	15
④	14	29	05
⑥	201	43	50
	93°	37'	18"

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75F3098 CE#310 9-67

Notes Ck'd by	Survey of W.H.R. SEWER
Map No.	JN 8589.02 Tape 193 Std 84 °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date JAN '69
Date	Indexed GALL 30 69

F.B. 3902 PG. 137

IMPROVEMENT LOCATION

WAYSIDE

HONOR

RANCHO

SEWER PRELIMINARY

J.N. 8589.02

NOTE: FROM STA 7+00± N.W'LY TO STA. 42+00± THERE IS OLD CONCRETE PVMT. UNDER SOME OF THE BLACKTOP PVMT.

NOTE: UNLESS OTHERWISE STATED ALL CURBS ARE 8" HIGH. CONC CURBS ON PGS. 138 THRU 141 HAVE STANDARD CONCRETE GUTTERS. CONCRETE CURBS SHOWN ON PGS 143 THU 145 HAVE NO GUTTER AND ARE POURED ON TOP OF THE EXISTING PAVEMENT.

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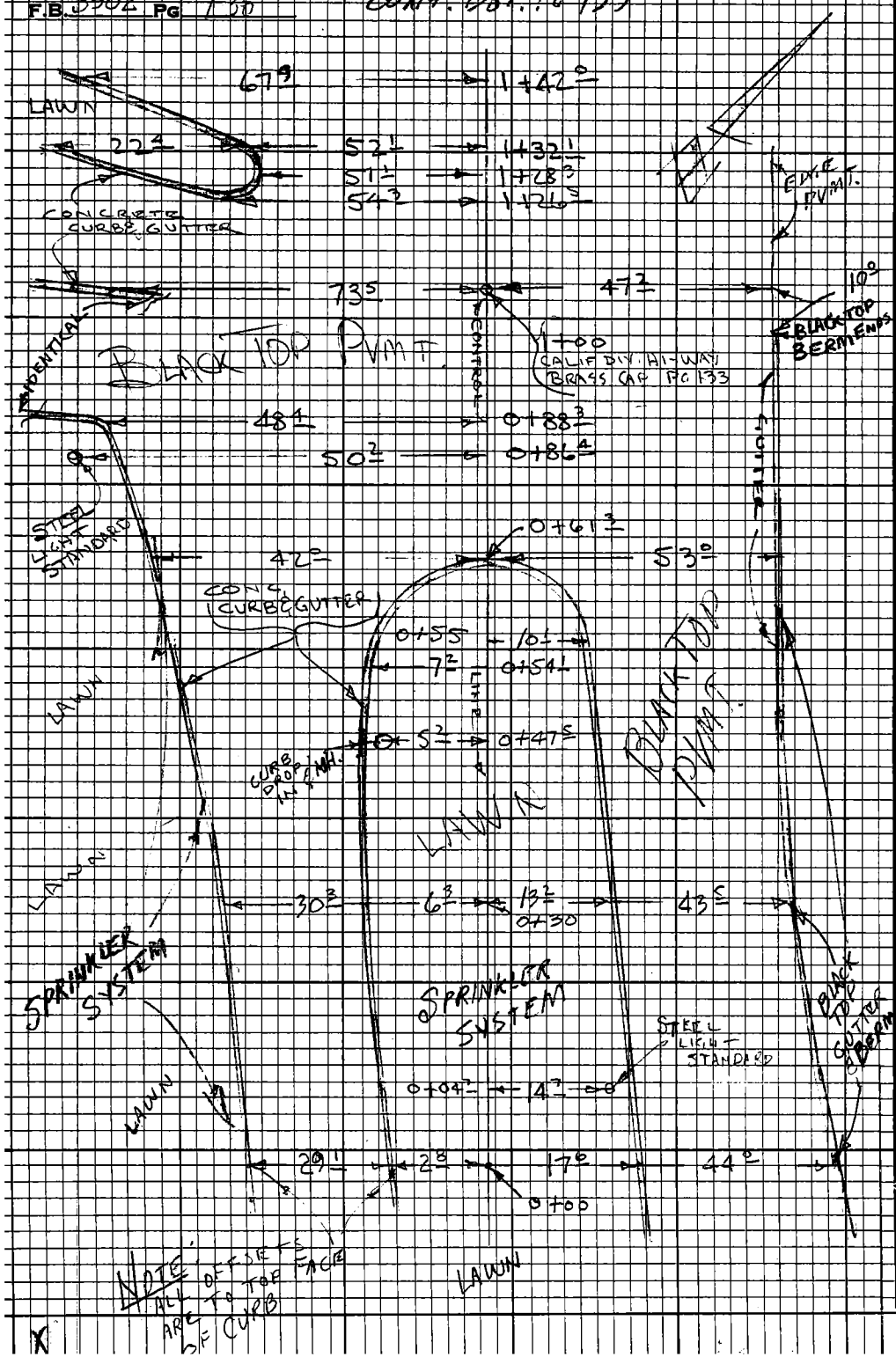
F.B. 3902 PG 138

CONT. BOT. PG 139



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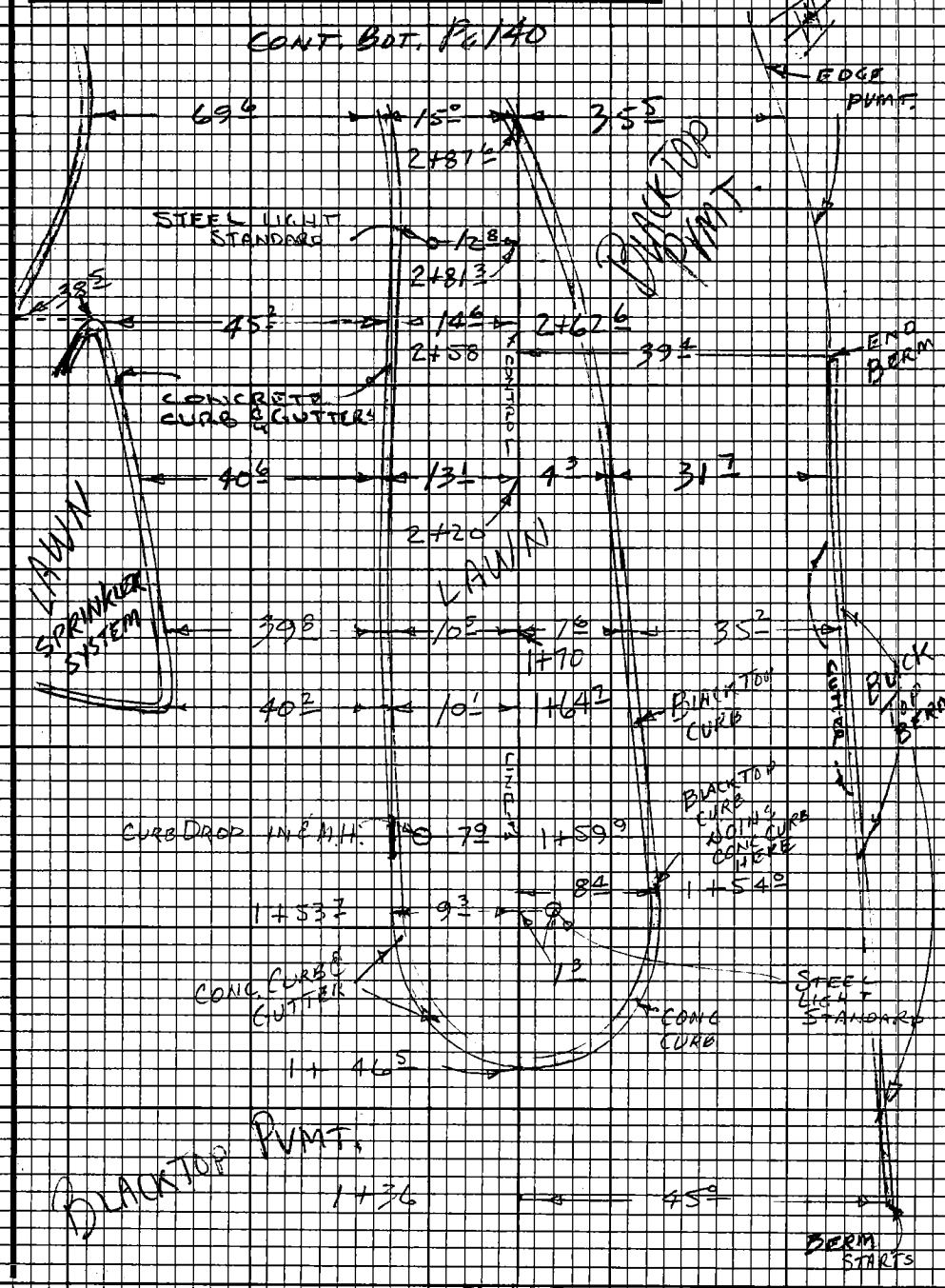
Notes Ck'd by	Survey of WHR SEWER
Map No.	JN 8589.02 Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date JAN '69
Date	Indexed [illegible] GALLI

F.B. 3902 PG. 139



CONT. TOP PG 138

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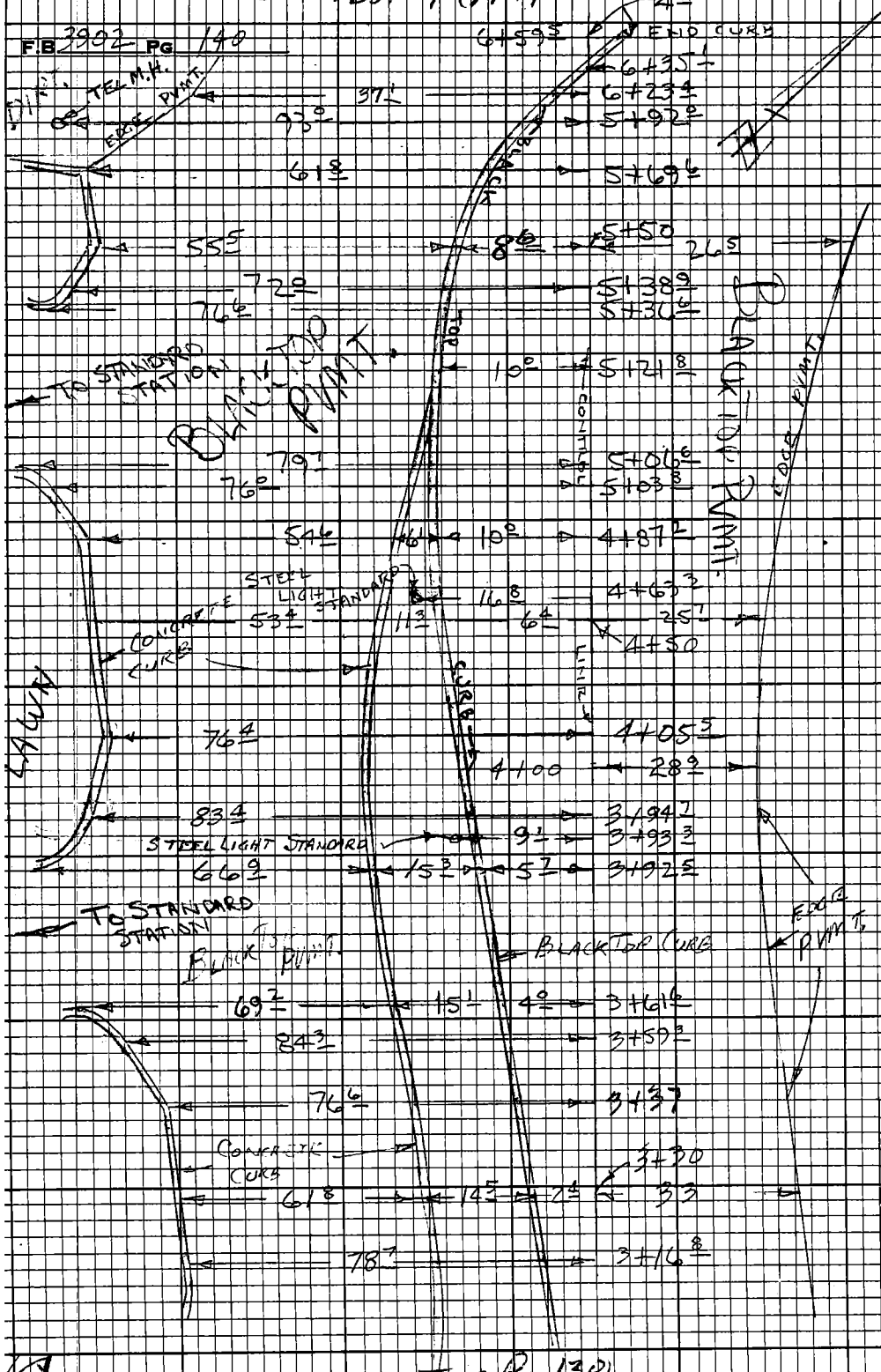
CONT. DOT PG 141



CONT. TOP PG 139

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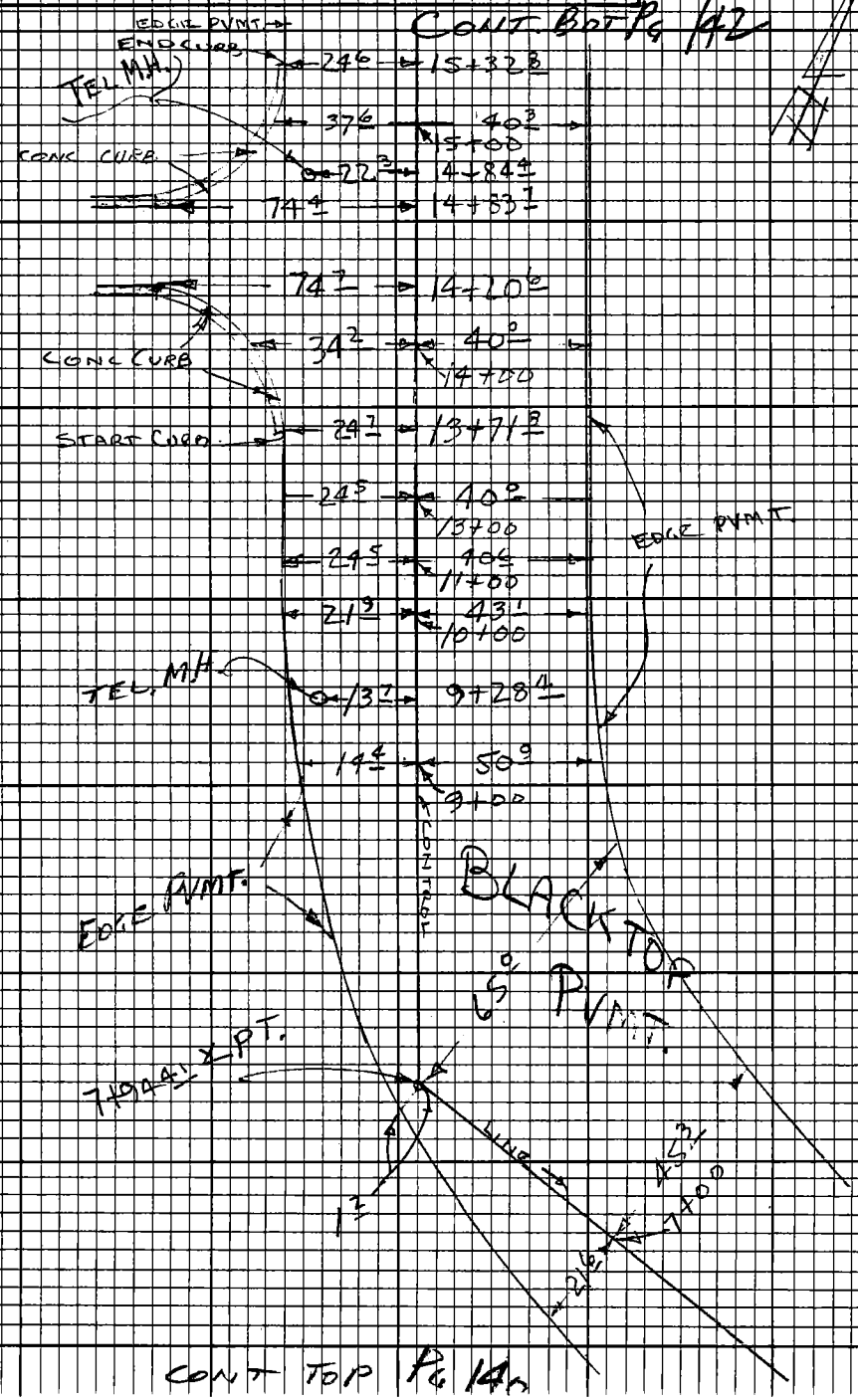
Notes Ck'd by	Survey of W.H.R. SEWER
Map No.	JN 8589.02 Tape 1 Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date JAN '69
Date	Indexed C.L. GALLI

F.B. 3902 PG 141

CONT. BOT PG 142



CONT TOP PG 140

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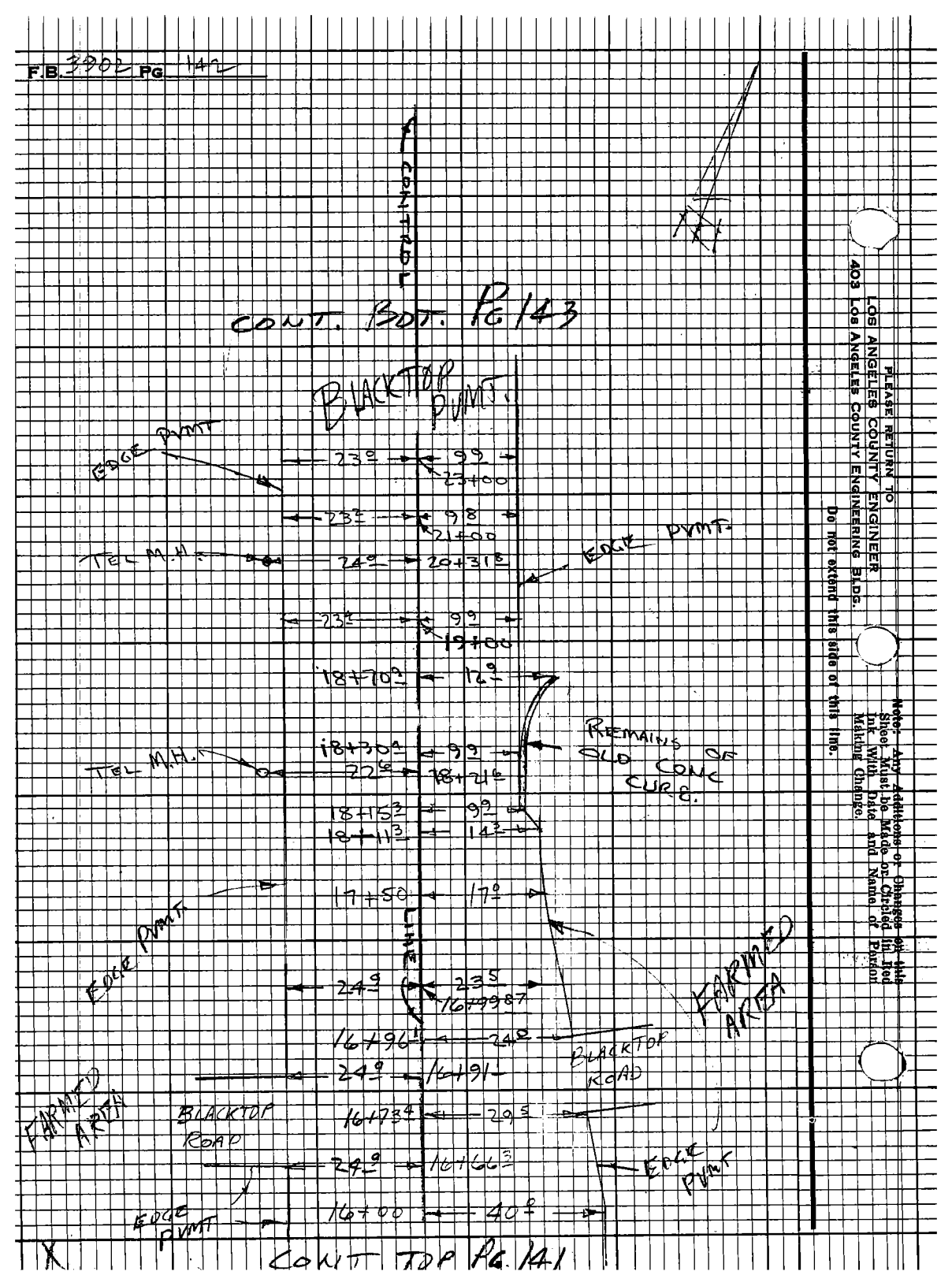
F.B. 3902 PG 142



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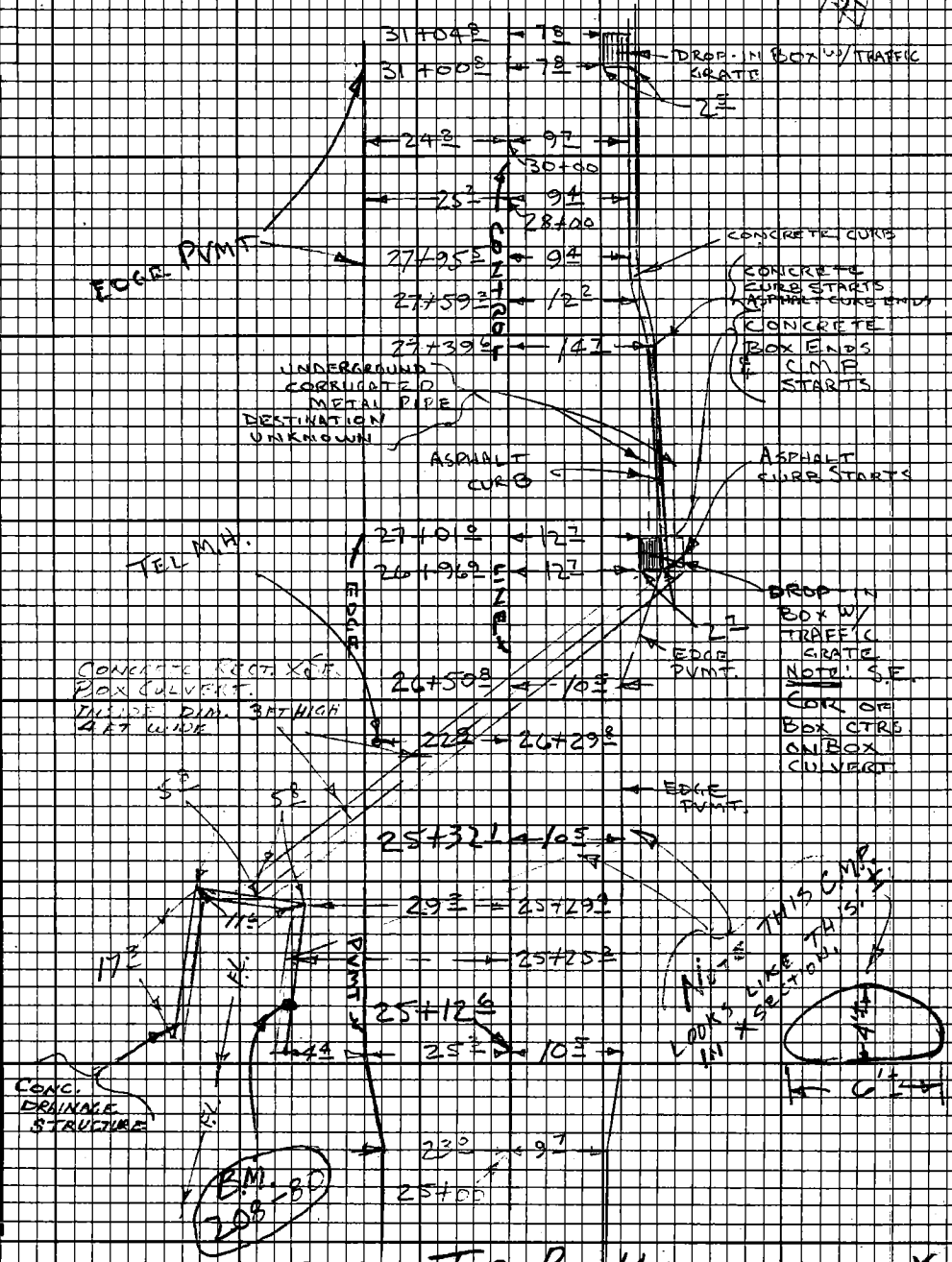
Notes Ck'd by	Survey of W.H.R. SEWER
Map No.	JN 8589.02 Tape Std °F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date JAN '69
Date	Indexed [redacted] GALLI

F.B. 3902 PG. 143

CONT. BOT PG 144



CONT. TOP PG 142

X

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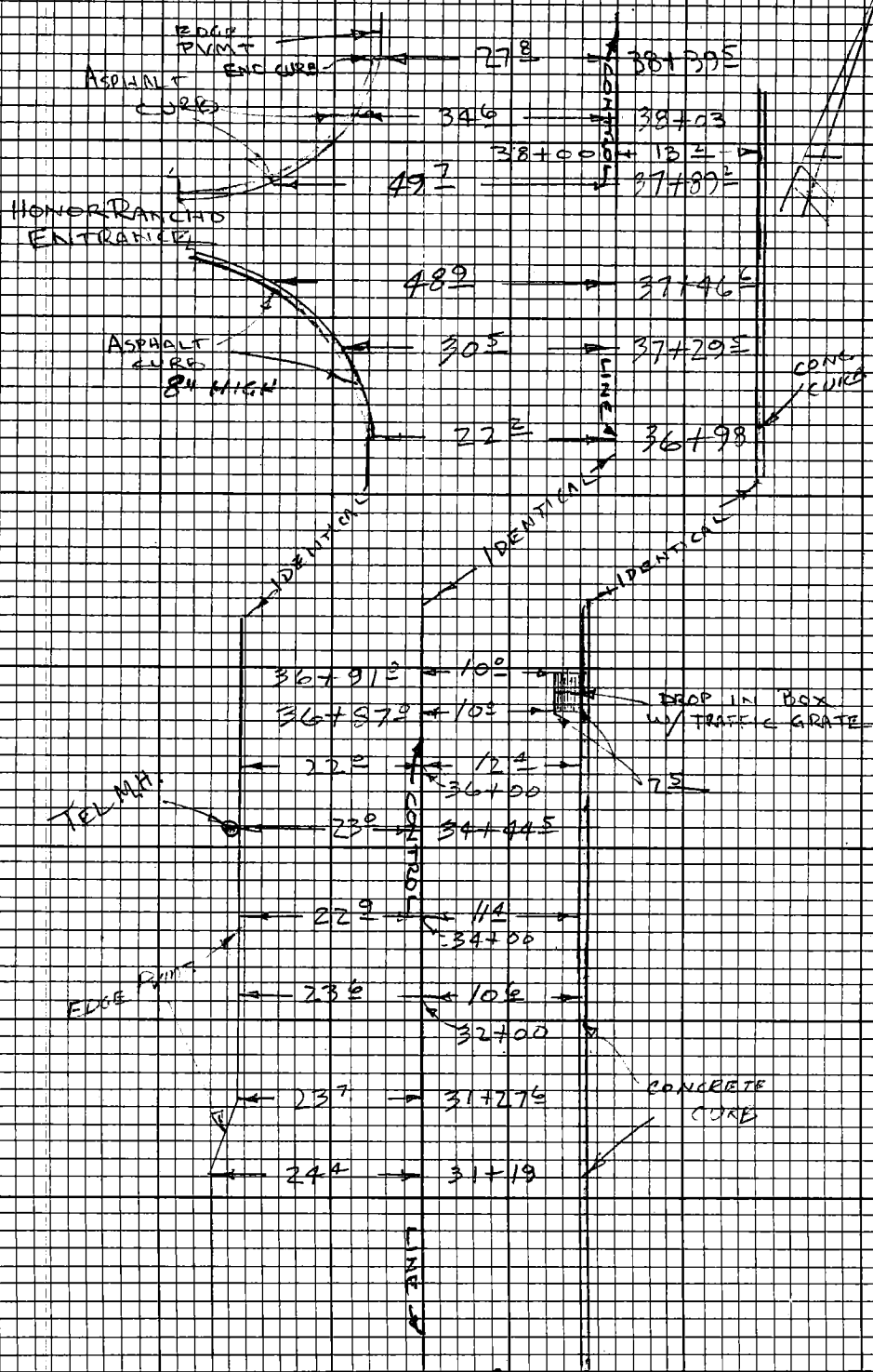
76F3098 CE # 310 9-67

CONT. BOT. PG 145

F.B. 3902 PG 144



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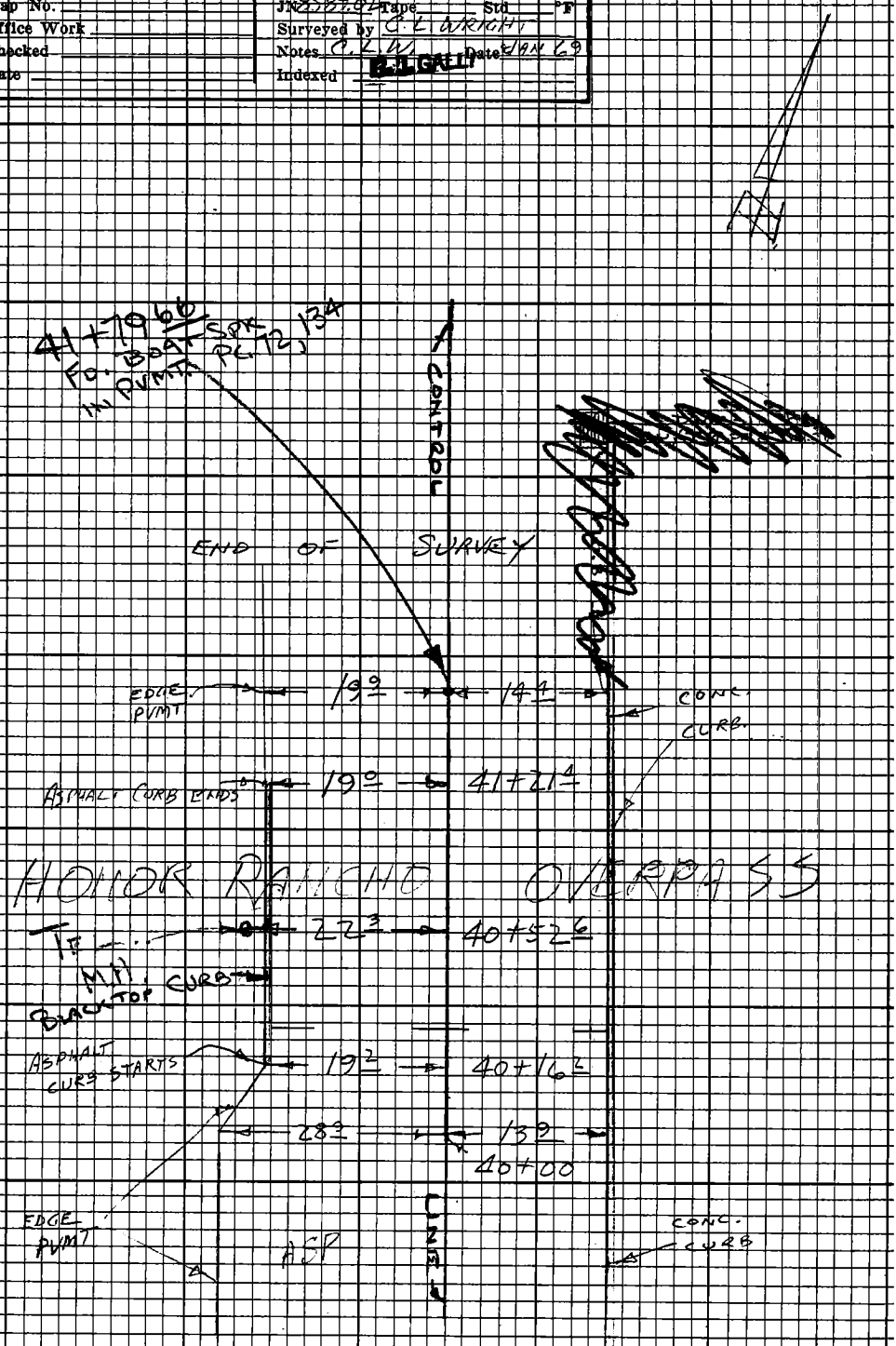
CONT. TOP PG 143

Notes Ck'd by	Survey of WHR. SEWER
Map No.	JN 8589.02 Tape Std °F
Office Work	Surveyed by C. L. WRIGHT
Checked	Notes C. L. W. Date JAN 69
Date	Indexed B. L. GALLI

F.B. 3902 PG. 145



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76F3098 CE#310 9.67

CONT. TOP PG 144

NOTES RED _____ JOB NO. 8589.02 SURVEY OF WAYSIDE HONOR RANCHO SEWER | F.B. 3902 PG. 147

DATE _____ SURVEY BY C.L. WRIGHT

NOTES CHKD. _____ NOTES BY C.L.W. DATE JAN '69

DATE _____ INDEXED [redacted] DATE [redacted] 0-99

DESCRIPTION

WAYSIDE HONOR RANCHO

SEWER PRELIMINARY

BENCH LEVELS - FROM 205-12A

S'ELY THROUGH 208-80 TO B.M. 206-32

INDEX:

-1, N. 8589.02

ADJ. ELEV.

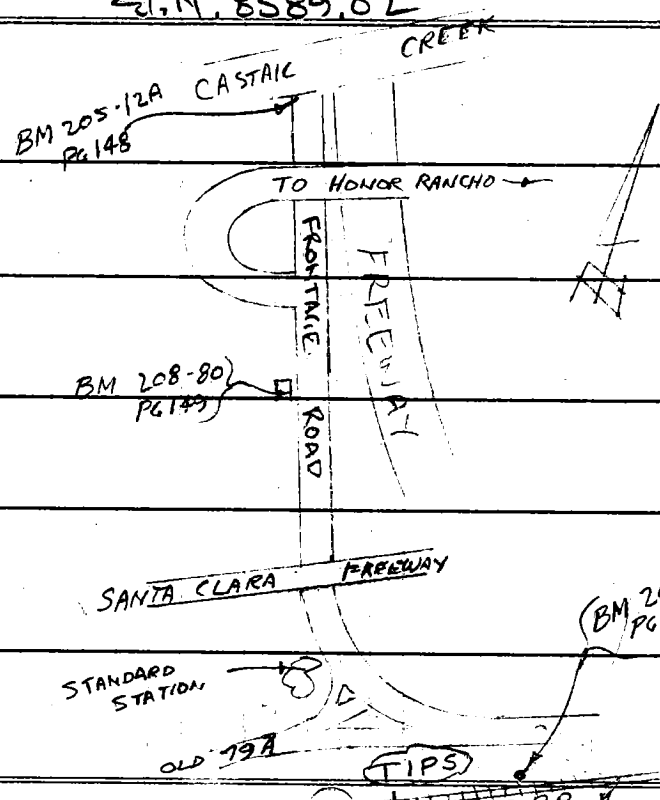
3RD RUN

2ND RUN

DIFF.

1ST RUN

B.M.



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768420 S & E-353 9-55

76S420 S & E-353-9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
FD BM 205-12A	1037.458				1037.458	Fd Brass Cap Mon. stamped U.S.&G.S. M-52 1926 Reset 1967 Set in top of So. abutment of bridge in S.W. cor. Per F.B. 3719-262 THE FRONTAGE ROAD - WEST SIDE INTERSTATE 5 2.9 MILES SOUTH OF PARKER ROAD OVERPASS AT CASTAIC, ABOUT 300 FT. NORTH WEST OF THE OVERPASS TO WAYSIDE HONOR RANCHO 22.0 FEET WEST'LY OF THE CENTERLINE OF BRIDGE # 53-09 1931 AT THE SOUTH WEST CORNER OF THE SOUTH ABUTTMENT. A U.S.C.&G.S. BRASS DISC STAMPED M-52 1926 RESET 1967 SET IN CONC. 1968 FIELD ELEV. 1037458
	3.293		3.178			
⊼	1040.751	-4.262	-4.261	4.263		
	7.555		7.439			
TP	1033.196					
	2.979		2.884			
⊼	1036.175	-4.231	-4.234	4.234		
	7.210		7.118			
TP	1028.965					
	4.341		4.221			
⊼	1033.306	-1.339	-1.338	1.340		
	5.680		5.559			
SET BM# 313	1027.626		~~5.559~~		1027.621	S. punch mark & cross on north edge of rim telephone manhole under over pass to Wayside Honor Rancho.
	3.324		3.308			
⊼	1030.950	-2.095	-2.092	2.096		
	5.419		5.400			
TP	1025.531					
	3.326		3.330			
⊼	1028.857	-2.475	2.473	2.476		
	5.801		5.803			
TP	1023.056					
	1.220		1.195			
⊼	1024.276	-1.641	-1.640	1.642		
	2.861		2.835			
SET BM 314	1021.415				1021.407	6" Bt. spk in TP# 437370 E ± 300' So. of entrance to Wayside Honor Rancho.
	3.708		3.680			
⊼	1025.123	-0.901	-0.901	0.901		
	4.609		4.581			
TP	1020.514					

JOB NO. 8589.02 SURVEY OF W.H.R. SEWER NOTES RED.
SURVEY BY C.L. Wright DATE Jan 8, 1969
NOTES BY R.J. Almanzar DATE Jan 8, 1969 NOTES CHKD. A. Huber
INDEXED C.L. GALLY DATE DATE

F.B. 3902 PG. 148

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1020.514					
	3.865		3.749			
⊼	1024.379	-2.186	-2.188	2.188		
	6.051		5.937			
SET BM 315	1018.328				1018.318	6" bt spk in TP# 894236E — ±1000' So. Wayside Honor Rancho.
	4.550		4.512			
⊼	1022.878	-0.418	-0.418	0.419		
	4.968		4.930			
TP	1017.910					
	3.861		3.717			
⊼	1021.771	+1.092	+1.092	1.091		
	2.769		2.622			
FD BM 208-80	1019.002				1018.990	
FD BM 208-84	1018.990					
addt	2.887		2.787			
⊼	1021.877	-2.415	-2.415	2.413		
	5.302		5.202			
TP	1016.575					
	~~4.622~~		4.588	4.648		
⊼	1021.197	~~-2.533~~	-3.036	-3.035	3.034	
	~~7.155~~		7.624	7.683		
SET BM 316	1014.042		1013.539		1013.543	6" bt spk in TP# 446453 E
	7.260		7.355			
⊼	1020.799	+2.388	+2.385	2.389		
	4.872		4.970			
TP	1015.927					
	5.239		5.199			
⊼	1021.166	+0.589	+0.589	0.591		
	4.650		4.610			

FRONTAGE ROAD (OLD US#99) 0.5 MILES NORTH OF CASTAIC JUNCTION 37.5 FEET NORTHEASTERLY OF P.P.# 437364E ON THE SOUTHWESTERLY SIDE OF THE ROAD, AT A CONCRETE CATCH BASIN IN THE TOP OF THE EAST'LY WALL, 8.6 FEET NORTH'LY OF THE S'LY END, BM 208-80 EL=1018.990' L.A. County Engineer Br Cap Mon. Set on top of E'ly wall of conc. catch basin on old Hwy #99 between Tip's cafe & Wayside Honor Rancho Per F.B 3721-179

NOTES RED. JOB NO. 8589.02 SURVEY OF W.H.R. SEWER
DATE SURVEY BY C.L. Wright
NOTES CHKD. NOTES BY R.J. Almanzan DATE Jan 8, 1969
DATE INDEXED DATE

F.B. 3902 PG. 149

76S420 S & E-353 9-55

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

JOB NO. 8589.02 SURVEY OF W.H.R. Sewer
SURVEY BY C.L. Wright
NOTES BY R.J. Almanza DATE Jan 8, 1969
INDEXED [redacted] DATE
NOTES RED. DATE Jan 8, 1969
NOTES CHKD. DATE

F.B. 3902 PG. 150

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T	1021.166					
	4.650					
TP	1016.516					
	5.015		4.930			
T	1021.531	-0.416	-0.415	0.414		
	5.431		5.345			
SET BM 317	1016.100				1016.109	Lt. Sm. bx spk on W'ly curb return at entrance to Hwy 126 on north side of street — off Old Hwy 99 No. Tip's Cafe (Castaic)
	5.095		5.045			
T	1021.195	-0.545	-0.545	0.544		
	5.640		5.590			
TP	1015.555					
	5.665		5.582			
T	1021.220	+0.856	+0.855	0.857		
	4.809		4.727			
TP	1016.411					
	4.781		4.746			
T	1021.192	-0.164	-0.163	0.162		
	4.945		4.909			
SET BM 318	1016.247				1016.260	punch & cross on W'ly rim of Hydrant located 1 70' N'ly of double bridge over-crossing (Hwy 126) & Old Hwy 99
	4.948		4.900			
T	1021.195	-0.402	-0.402	0.401		
	5.350		5.302			
TP	1015.845					
	6.145		6.068			
T	1021.990	+0.805	+0.807	0.806		
	5.340		5.261			
TP	1016.650					
	4.901		4.832			
T	1021.551	-0.906	-0.908	0.905		
	5.807		5.740			

76S420 S & E-353 9-55

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1021.551					
	5.807					
SET BM 319	1015.744				1015.760	L & Sm bt spk on conc base of flag pole in standard Gas station in Castaic Junction.
+	3.758		3.684			
▽	1019.502	- 2.705	- 2.707	2.704		
-	6.463		6.391			
SET BM 320	1013.039				1013.022	@ CASTAIC JCT., TIPS CAFE, 80' ± N.W. OF N.W. COR. OF BLDG. N'LY SIDE OF LAWN DIVIDER, OLD HIGHWAY #126 STEEL LIGHT STANDARD # M-673 IN CONCRETE BASE A SMALL LOAT SPIKE IN LEAD
+	6.726		6.642			
▽	1019.765	+ 1.769	+ 1.770	1.771		
-	4.957		4.872			
TP	1014.808					
+	2.367		2.301			
▽	1017.175	- 1.415	1.414	1.412		
-	3.780		3.715			
FD BM 206-32	1013.395				1013.415	F.B. 3719-261 AT CASTAIC JUNCTION ON THE OLD ROAD (FORMERLY US #99) ABOUT 360 FT. EAST OF THE PAVED ROAD, 139 FT. SOUTHEAST OF THE SOUTHEAST CORNER OF TIPS CAFE, 71.5 FT. EAST OF A CORNER OF A CEMENT BLOCK WALL AROUND CALIF. PRODUCTION SERVICE INC. YARD, 5.5 FT. NORTH OF A CEMENT BLOCK WALL, 4.6 FT. EAST OF A POWER POLE. IN TOP OF A 12 INCH DIAMETER CONC. POST. UP 12 INCHES. A U.S.C.&G.S. BRASS DISC. USC&GS U 370. 1953 L.A.CO. 1968 FIELD ADJ. 1013.415

NOTES RED. JOB NO. 858902 SURVEY OF W.H.R. SEWER
DATE SURVEY BY C.L. WRIGHT
NOTES CHKD. NOTES BY C.C.W. DATE 9 JAN '69
DATE INDEXED DATE

F.B. 3902 PG. 151

Profile No.	Notes Red	Plotted	Job No. 8589.02	Division No.	F. B. 3902 PG. 153
	Date	Date	Survey of W.H.R. SEWER		
X-Sec. No.	Notes Chk'd.	Checked	Survey by C.L. Wright	Notes C.L.W.	Date JAN '69
	Date	Date	Map No.	Indexed B.L. BALTI	Date JAN 30 '69

WAYSIDE HONOR RANCHO

SEWER PRELIMINARY

PROFILE & X SECTION.

W.N. 8589.02

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

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

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CE 307 5-66

76-L-298 CE 307 5-66

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM 206-32				1013415	FD. USC&GS BRASS DISC SEE PG 151 FOR	
	5265	1018680			DESCRIPTION - ALSO F.B. 3719-261	
T.P.			295	1015 73		
	490	1020 63				
0+00			63	14 33		℄ DIRT (LAWN?)
"			660	14 03	2.8 L TOP CURB	
"			640	14 23	17.0 L PVMT, SOUTH BOUND	
"			541	15 22	32.0 L TOP CURB	
"			657	14 06		17.5 R TOP CURB
T.P.			655	1014 08		
	LENKER ROD USED				HEREON	
0+00				13 10		37 R PVMT
				12 00		61.0 R GUTTER
0+54.1				14 00	7.2 L. T.C. @ RETURN	
0+55				14 03		10.1 R TC @ RETUR
+61.3				13 98		℄ T.C. M.P.
0+88.3				15 57	48.4 L T.C.	
1+00				13 72		℄
"				12 2		47.0 R GUTTER
1+26.5				15 73	54.3 L T.C.	
1+28.3				15 65	51.1 L "	
1+32.1				15 62	52.1 L "	

F. B. 3902 PG. 154 Job No. 8589.02 Division No. Notes Red Plotted Profile
Survey of W.H.R. SEWER Date JAN '69 Date No.
Survey by Wright Notes C.L. Wright Notes Chk'd. Checked X-Sec.
Indexed G.D. GALLI Date Date Date No.

76-L-299 CE 307 5-66

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
1+46.5				1014.12		℄ T.C.
+53.7				14.20	9.3 L T.C.	
+54.0				14.21		8.4 R T.C.
+59.9				14.29	7.9 L RIM M.H.	
1+64.7				15.44	50.3 L T.C.	
2+00				14.3		℄
"				14.35	12.3 L T.C.	
"				15.56	52.3 L T.C.	
"				14.37		5.0 R T.C.
"				12.4		40.5 R GUTTER
2+62.6				15.52	60.0 L T.C.	
"				15.12	60.0 L GUTTER	
"				14.63	98.5 L TC	
2+87.6				14.65		℄ T.C.
3+61.6				15.85	76.7 L T.C.	
3+59.3				15.90	84.3 L T.C.	
3+94.7				16.26	83.4 L T.C.	
4+00				13.2		28.5 R GUTTER
"				14.80	6.0 L T.C. BLACKTOP	
"				15.34	21.0 L T.C. CONC.	
+05				16.42	76.4 L T.C.	

Profile Notes Red ____ Plotted ____ Job No. 8589/02 Division No. ____ F. B. 390 R PG. 155
No. ____ Date ____ Date ____ Survey of W.H.R. SEWER
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Wright Notes C.L.W. Date JAN '69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L-298 CE 307 5-66

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
4+87 2				1017 02	70 7 L T.C.	
5+03 8				17 22	76 0 L T.C.	
5+10				15 43	10 0 L PVMT.	
"				15 82	10 5 L T.C. BLACKTOP	
"				14 87	12 5 L T.C. CONC.	
"				13 9		25 0 R (E.P. EDGE PVMT.)
5+38 9				17 12	72 0 L T.C.	
5+50				16 99	64 1 T.C.	
5+69 6				17 05	61 8 T.C.	
6+58				15 18	℄	
"				15 13		2 0 R GUTTER
"				15 94		3 5 R T.C.
"				15 59		4 5 R PVMT.
"				13 80		37 0 R E.P.
				16 00	31 0 L E.P.	
T.P.				15 71		
7+25				15 70	℄	
"				15 9	17 0 L E.P.	
"				13 8		47 0 R E.P.
7+94 41 ∡PT				6 1	℄	
				6 1	1 0 L E.P.	

F. B. 390 L PG. 156
Job No. 858902 Division No. Notes Red Plotted Profile
Survey of W.H.R. Sewer Date JAN '69 Date No.
Survey by C.L. Wright Notes C.L.W. Notes Chk'd. Checked X-Sec.
Indexed [redacted] Date Date No.

76-L-298 CE 307 5-66

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
7+94.41				1013.70		65°R E.P.
10+00				15.90	℄	
"				16.50	17°L	
"				16.30	21.5L E.P.	
"				14.00		43°R. E.P.
FD BM 318				16.25	Pr. 150	
12+00				16.10	℄	
"				15.90	24.5L E.P.	
"				15.20		40.2L E.P.
13+71.8				16.20	34.2L T.C.	
14+00				16.40	℄	
"				16.18	24.7L T.C.	
"				15.60		40°R E.P.
14+20.6				16.06	74.7L T.C.	
14+83.7				16.00	74.4L T.C.	
14+84.4				16.12	23.5L TOP W. RIM TEL. M.H.	
15+00				16.52	℄	
"				16.23	37.6L T.C.	
"				15.72		40.3R E.P.
T.P.				16.02		
45+32.8				16.42	24.6L T.C.	

Profile Notes Red ____ Plotted ____ Job No. BS89.02 Division No. ____ F.B. 3902 Pg. 157
No. ____ Date ____ Date ____ Survey of W.H.R. SEWER
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Wright Notes C.L.W. Date JAN '69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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.		
16+00				1016 61		℄
"				15 82	24° L E.P.	
"				15 90		40° R E.P.
16+99 87				16 71		℄
"				16 17	24° L E.P.	
"				16 63		23° R E.P.
18+15 3				17 17		9° R T.C.
18+21 6				16 17	23° L TOP W. RIM TEL MH.	
18+70 9				17 10		12° R T.C.
19+00				16 95		℄
"				16 15	23° L E.P.	
"				16 86		9° R E.P.
20+31 8				16 30	25° L TOP W. RIM TEL M.H.	
21+00				17 17		℄
"				16 48	23° L E.P.	
"				17 13		9° R E.P.
23+00				17 51		℄
				16 77	23° L E.P.	
				17 44		9° R E.P.

F. B. 3902 PG. 170
Job No. 8587.02 Division No. Notes Red Plotted Profile
Survey of W.H.R. SEWER Date JAN '69 Date No.
Survey by Wright Notes C.L.W. Notes Chk'd. Checked X-Sec.
Indexed [illegible] Date Date No.

76-L-298 CE 307 5-66

PLEASE RETURN TO
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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.		
25+00				1017 90		℄
"				17 24	23° L	E.P.
"				17 89		9 7 R E.P.
25+25				13 56	29 5 L	FLOW LINE C.M.P.
25+30				13 56	35 1 L	FLOW LINE 2'x3' BOX CULVERT
26+29 8				17 57	24 2 L	TOP W. RIM TEL M.H.
26+96 9				18 31		R TOP SW COR DROP IN BOX
27+00				18 51		℄
"				17 63	L	EP.
29+00				19 21		℄
"				18 49	L	EP
"				19 28		R GUTTER
"				19 94		T.C.
31+00				20 69		℄
				19 88	24 8 L	E.P.
31+00 8				20 71		7 8 R S.W COR. DROP IN BOX
33+00				21 87		
"				21 05	23 3 L	E.P.
"				21 91		10 8 R BOT CURB
"				22 55		11 0 R T.C.
34+44 5				21 78	L	W. RIM. TEL. M.H.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8549.02 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of WAYSIDE PONDY RANCHO
Notes Chk'd. ____ Checked ____ Survey by C. Wright Notes C.L.W. Date JAN '69
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3902 PG. 154

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.		
35+00	T.-			1023 09		℄
"				22 51	22.5 L E.P.	
"				23 16		11.8 R GUTTER
36+87.0				24 55		10.0 R S.W. COR. DROP IN BOX
36+98				24 46	22.3 L T.C.	
37+29				25 10	30.5 L T.C.	
37+46.6				25 30	48.9 L T.C.	
37+89				25 46	49.7 L T.C.	
38+00				25 29		℄
38+03				25 36	34.6 L T.C.	
38+39.5				25 62	27.8 L T.C.	
39+00				25 90		℄
"				25 17	28.0 L E.P.	
"				25 88		13.4 R GUTTER
40+00				26 75		℄
"				26 42	28.9 L	
"				26 64		13.7 R GUTTER
"				27 29		13.9 R T.C.
40+54				27 63	22.3 L TOP N. RIM MH.	B.M. 313 Pa
40+18.2				27 17	19.4 L T.C.	
41+20				28 45	19.2 L T.C.	

F. B. 3902 PG. 160 | Job No. 8589.02 | Division No. | Notes Red | Plotted | Profile
Survey of W.H.R. SEWER | Date JAN '69 | Date | No.
Survey by Wright | Notes C.L.W | 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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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
41+79.66				1029.28		℄ TOP BOAT SPK ON 2"
				28.93	19.9 L EP.	
				29.33		14.2 R GUTTER
42+00				29.72		℄
"				29.29	20.0 L EP.	
"				29.64		14.0 R GUTTER

RAIN

PLEASE NOTE: THESE ELEVATIONS ARE NOT ON THE SAME DATUM AS THOSE INSIDE THE HONOR RANCHO.

STATION 41+79.66 THIS SURVEY = (86+03.45) PG 72, 128, 129
ELEVATION 1029.28 THIS PAGE =
ELEVATION 1029.94 FB 3902 - PG 128, 129

Profile Notes Red ____ Plotted ____ Job No. 8589.02 Division No. ____ F. B. 3902 PG. 161
No. ____ Date ____ Date ____ Survey of W.H.R.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Wright Notes C.L.W. Date JAN '69
No. ____ Date ____ Date ____ Map No. ____ Indexed B.E. BALLI Date ____

Profile No.	Notes Red	Plotted	Job No. 8589.01	Division No. 11	F.B. 5900 PG. 165
	Date	Date	Survey of HONOR RANCHO - SEWER PRELIMINARY		
X-Sec. No.	Notes Chk'd.	Checked	Survey by C. L. WRIGHT	Notes C.L.W.	Date 20-FEB'69
	Date	Date	Map No.	Indexed [redacted]	Date [redacted]

HONOR RANCHO

SEWER PRELIMINARY

J.N. 8589.01

ELEVATION - TOP 12" STEEL CASING -

STATION 37+18

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

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
36+00				106780		℄ SQ SPK & T FB.3902 PG.123
	355	107135				
37+18			1311	105824	TOP 12" STEEL CASING	2' R
38+00			614	106521		℄ SQ SPK & T FB 3902 PG. 123

F. B. 3902 PG. 164 Job No. 8589.01 Division No. 11 Notes Red Plotted Profile
Survey of HONOR RANCHO - SEWER PRELIM Date Date No.
Survey by C.L. WRIGHT Notes C.L.W. Notes Chk'd. [illegible] Checked X-Sec.
Indexed [illegible] Date 20-FEB 69 Date 3-25-69 Date No.

NOTES RED. JOB NO 2491-34 SURVEY OF STILLMORE ST.
DATE SURVEY BY L.V. SMITH
NOTES CHKD. R. Cavafaig NOTES BY L.V. SMITH DATE 5-14-69
DATE 6-13-69 INDEXED C.L. GALLI DATE NOV 2-6-69

F.B. 3902 PG. 165

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
STILLMORE S.T.						
C.I. 2491.34						
NEWHALL AREA SANITARY SEWERS						
MAY, 1969						

PARTY
L.V. SMITH
B.R. JACKSON
V.L. HUCKABY
R. BLANCHARD

76S420 S & E-353 4-54

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

Fd B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BL 2956	1435.831					B.M. BL2956 ELEV. = 1435.831
+	6.110		6.122			NEWHALL QUAD 1965
H.I.	1441.941	+1.778	+1.782	+1.780		R.D. B.M. TAG W. CB SIERRA
	4.332		4.340			HWY. 85 FT. S BCR 30 FT W.
T.P.	1437.609					℄ W. RDWY. + 165 S ℄
	5.513		5.468			SOLEDAD CYN. RD.
H.I.	1443.122	+4.009	+4.012	+4.010		
	1.504		1.456			
T.P.	1441.618					
	5.909		5.860			
H.I.	1447.527	+0.134	+0.135	+0.134		
	5.775		5.725			
T.P.	1441.752					
	4.722		4.705			
H.I	1446.474	-0.267	-0.264	-0.266		
	4.989		4.969			
T.P.	1441.485					
	3.760		3.768			
H.I.	1445.245	-1.977	-1.976	-1.977		
	5.737		5.744			
T.P.	1439.508					
	5.379		5.355			
H.I.	1444.887	+1.557	+1.554	+1.557		
	3.822		3.809			
T.P.	1441.065					
	6.105		6.102			
H.I.	1447.170	+2.834	+2.837	+2.835		
	3.271		3.265			
T.P.	1443.899					

F. B. 3902 PG. 166

JOB NO. 2491-34 SURVEY OF STILLMORE ST. NOTES RED
SURVEY BY L.V. SMITH DATE
NOTES BY L.V. SMITH DATE 5-14-69 NOTES CHKD Cavataio
INDEXED C.J. GALLI DATE DATE 6-13-69

76S420 S & E 353 4-54

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NOTES RED _____ JOB NO. 1491.34 SURVEY OF STILLMORE ST.
DATE _____ SURVEY BY L.V. SMITH DATE 5-14-69
NOTES CHKD. Cavalier NOTES BY L.V. SMITH DATE _____
DATE 6-13-69 INDEXED [illegible] DATE [illegible]

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1443.899					
	6.411	✓	6.391			
H.I.	1450.310	+2.431	+2.426	+2.431		
	3.980		3.965			
T.P.	1446.330					
	6.411	✓	6.383			
H.I.	1452.741	+3.710	+3.711	+3.710		
Set	2.701		2.672			
E.V. 97	1450.040				1450.045	B.M. EV 97 ELEV. = 1450.045 ON SOLEDAD CYN ROAD AT INTERSECTION WITH GALETON RD. N.E. CORNER. 5' ET. E. OF E. END CR. FD. FLOOD CONTROL BRASS CAP MON. STAMPED BM 097-03390-1963 IN CONC. CURB.
	4.231	✓	4.241			
H.I.	1454.271	-0.019	-0.019	-0.019		
	4.250		4.260			
Set EV-98	1450.021				1450.026	B.M. EV 98 ELEV. = 1450.026 ON GALETON RD AT NEARBROOK ST. S.E. CORNER 75' NLY. OF S. CBR. FD. R.C.E TAG # 7858 IN LEAD IN CONC. CURB.
	5.605		5.580			
H.I.	1455.626	+1.275	+1.275	+1.275		
	4.330		4.305			
Set EV-99	1451.296				1451.301	B.M. E.V. 99 ELEV. = 1451.301 ON NEARBROOK ST. IN THE E CURB AT CUL-DE-SAC ON APPROX ℄ PROD. FD. LEAD & TACK IN CURB

F.B. 3902 Pg. 167

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
EV 99	1451.296			→	1451.301	B.M. EV-99
	4.264	✓	4.277			
H.I.	1455.560	-1.516	-1.511	L1.513		
	5.780		5.788			
T.P.	1449.780					
	5.290	✓	5.369			
H.I.	1455.070	+0.811	+0.811	✓+0.811		
Set	4.479		4.558			
EV-100	1450.591				1450.599	EV-100 ELEV. = 1450.599
	5.701	✓	5.671			ON GALETON ST. AT WELLHAVEN
H.I.	1456.292	+0.796	+0.793	✓+0.796		ST. IN S.E. CORNER 3'± S.
	4.905		4.878			OF S. END CBR. SET SM. BT
T.P.	1451.387					SPK. IN LEAD
	6.200	✓	6.190			
H.I.	1457.587	+3.905	+3.901	✓+3.905		
Set	2.295		2.289			
EV 101	1455.292				1455.300	B.M. EV 101 ELEV. = 1455.300
✓	2.273	-4.079	2.295			ON WELLHAVEN ST. IN E. CURB
H.I.	1457.565	~~-4.179~~	-4.078	✓-4.079		AT END OF CUL-DE-SAC IN
✓	6.352		6.373			FRONT OF HOUSE # 17901. SET
T.P.	1451.213					SMALL BOAT SPK IN LEAD
	5.058	✓	5.035			IN CURB
H.I.	1456.271	-0.891	-0.892	-0.891		
	5.949		5.928			B.M. EV 102 ELEV. = 1451.433
T.P.	1450.322					ON GALETON ST. AT STILLMORE
	5.838	✓	5.885			ST. AT S.E. CORNER. 2'± S. OF
H.I.	1456.160	+1.103	+1.103	✓+1.103		S. END CBR. SET SMALL BT.
Set	4.735		4.782			SPK IN LEAD
EV 102	1451.425				1451.433	

JOB NO. 2491.34 SURVEY OF STILLMORE ST. NOTES RED
SURVEY BY L.V. SMITH DATE
NOTES BY L.V. SMITH DATE 5-14-69 NOTES CHKD Cavatain
INDEXED C.J. GALLI DATE DATE 6-13-69

F.B. 3902 PG. 168

76S420 S & E-353 4-54

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Set B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
EV 102	1451.425			→	1451.433	B.M. EV 102 - ELEV. = 1451.433
	5.599	↓	5.608			SEE PG. 168 FOR DESCRIPTION
H.I.	1457.024	+1.490	+1.495	↓+1.493		
	4.109		4.113			
T.P.	1452.915					
	9.858	↓	9.844			
H.I.	1462.773	+7.977	+7.975	↓+7.977		
Set	1.881		1.869			
EV 103	1460.892				1460.903	B.M. EV 103 ELEV. = 1460.903
	6.830	↓	6.840			ON STILLMORE ST. AT MAGIC
H.I.	1467.722	+5.017	+5.015	↓+5.017		MT. LANE SLY. CURB BETWEEN
	1.813		1.825			HOUSE #17908 & HOUSE #17902
T.P.	1465.909					ON APPROX. LOT LINE PROD
	10.730	↓	10.738			TO CURB. SET SMALL BOAT
H.I.	1476.639	+6.097	+6.098	↓+6.097		SPK. IN LEAD IN CURB.
Set	4.633		4.640			
EV 104	1472.006				1472.017	B.M. EV 104 ELEV. = 1472.017
	6.733	↓	6.709			ON STILLMORE ST AT LOST
H.I.	1478.739	+6.060	+6.061	↓+6.060		SPRINGS RD. S. WLY. CORNER
	0.673		0.648			2'± W. OF W. END CBR. SET
T.P.	1478.066					SMALL BT SPK. IN LEAD IN
	11.889	↓	11.835			CURB.
H.I.	1489.955	+11.406	+11.404	↓+11.406		
	0.483		0.431			
T.P.	1489.472					
	11.942	↓	11.982			
H.I.	1501.414	+11.290	+11.288	↓+11.290		
	0.652		0.694			
T.P.	1500.762					

NOTES RED _____ JOB NO. 2491.34 SURVEY OF STILLMORE ST.
DATE _____ SURVEY BY L.V. SMITH
NOTES CHKD Cavatain NOTES BY L.V. SMITH DATE 5-14-69
DATE 6-13-69 INDEXED D.L. GALLI DATE [illegible]

F.B. 3902 PG. 169

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1500.762					
	12.002	✓	11.954			
H.I.	1512.764	+9.091	+9.090	✓+9.091		
	2.911		2.864			
T.P.	1509.853					
	6.295	✓	6.322			
H.I.	1516.148	+2.807	+2.807	✓+2.807		
Set	3.488		3.515			
EV 105	1512.660				1512.671	B.M. EV 105 ELEV.: 1512.671
	6.455	✓	6.442			ON SILVERSTREAM DR. AT
H.I.	1519.115	+2.535	+2.533	✓+2.535		LOST SPRINGS RD. N. ELY. COR.
	3.920		3.909			2'± E. OF E. END CBR. FD.
T.P.	1515.195					LD. & TK. IN CURB
	5.628	✓	5.604			
H.I.	1520.823	+1.443	+1.442	✓+1.443		
Set	4.185		4.162			
E.V 106	1516.638				1516.649	B.M. EV 106 ELEV.: 1516.649
	4.109	✓	4.130			ON SILVERSTREAM DR. AT
H.I.	1520.747	-2.241	-2.240	✓-2.241		END OF STREET IN EAST
	6.350		6.370			CURB ON ℄ PROD FD R.C.E
T.P.	1514.397					TAG # 7858 IN LEAD IN CURB
	3.475	✓	3.469			F.B. 3081-4
H.I.	1517.872	-0.300	-0.302	✓-0.300		
	3.775		3.771			
T.P.	1514.097					
	9.787	✓	9.774			
H.I.	1523.884	+9.346	+9.344	✓+9.346		
	0.441		0.430			
T.P.	1523.443					

JOB NO. 2491.34 SURVEY OF STILLMORE ST. NOTES RED
SURVEY BY L.V. SMITH DATE
NOTES BY L.V. SMITH DATE 5-14-69 NOTES CHKD Cavatain
INDEXED C.T. GALLI DATE DATE 6-13-69

F.B. 3902 PG. 170

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NOTES RED ____ JOB NO 2491-34 SURVEY OF STILLMORE ST.
DATE ____ SURVEY BY L.V. SMITH
NOTES CHKD Cavalaid NOTES BY L.V. SMITH DATE 5-14-69
DATE 6-13-69 INDEXED [illegible] DATE NOV 26 69

F.B. 3902 PG. 171

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1523.443					
	10.893	✓	10.870			
H.I.	1534.336	+10.259	+10.260	✓+10.259		
	0.634		0.610			
T.P.	1533.702					
	10.571	✓	10.598			
H.I.	1544.273	+8.180	+8.181	✓+8.180		
Set	2.391		2.417			
EV 107	1541.882				1541.893	BM. EV 107 ELEV. = 1541.893
	9.301	✓	9.283			ON BLACKBRUSH DR. AT LOST
H.I.	1551.183	+7.421	+7.421	✓+7.421		SPRINGS RD. S-ELY. CORNER
	1.880		1.862			2'± E. OF E. END CBR. SET
T.P.	1549.303					SMALL BT. SPK. IN LEAD IN
	8.343	✓	8.330			CONC. CURB
H.I.	1557.646	+6.721	+6.723	✓+6.722		
Set	1.622		1.607			
EV 108	1556.024				1556.036	B.M. EV 108 ELEV. = 1556.036
	1.590	✓	1.582			ON BLACKBRUSH DR. SLY. CURB
H.I.	1557.614	-6.718	-6.718	✓-6.718		2'± W. OF END OF CBR. AT
	8.308		8.300			END OF STREET FD. LEAD
T.P.	1549.306					& TACK IN CURB
	2.630	✓	2.604			
H.I.	1551.936	-5.783	-5.784	✓-5.783		
	8.413		8.388			
T.P.	1543.523					
	7.631	✓	7.651			
H.I.	1551.154	+6.831	+6.836	✓+6.834		
	0.800		0.815			
T.P.	1550.354					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1550.354					
	10.170	↓	10.139			
H.I.	1560.524	+9.896	+9.895	49.896		
	0.274		0.244			
T.P.	1560.250					
	8.479	↓	8.445			
H.I.	1568.729	+3.049	+3.047	43.049		
Set	5.430		5.398			
FV 109	1563.299				1563.314	B.M. F.V 109 ELEV. =1563.314
	11.718	↓	11.700			ON LOST SPRINGS ROAD AT
H.I.	1575.017	+11.326	+11.326	✓+11.326		WILDRIDGE LANE 7± S. OF
	0.392		0.374			DRIVEWAY TO HOUSE # 28029
T.P.	1574.625					FD. LD & TK. IN WLY. CURB
	8.639	↓	8.659			
H.I.	1583.264	+6.949	+6.948	✓6.949		
Set	1.690		1.711			
FV110	1581.574				1581.589	B.M. FV 110 ELEV. =1581.589
	1.699	↓	1.669			ON WILDRIDGE LANE AT END
H.I.	1583.273	-8.286	-8.284	✓-8.285		OF STREET ON ℄ PROD. IN
	9.985		9.953			FLY CURB. FD RCE. TAG
T.P.	1573.288					# 7858 IN LEAD IN CURB
	0.539	↓	0.575			
H.I.	1573.827	-10.580	-10.578	✓-10.579		
	11.119		11.153			
T.P.	1562.708					
	0.383	↓	0.425			
H.I.	1563.091	-11.035	-11.035	✓-11.035		
	11.418		11.460			
T.P.	1551.673					

NOTES RED ____ DATE ____ NOTES CHKD Cavataio DATE 6-13-69

SURVEY OF STILLMORE ST. DATE 5-14-69

NOTES BY L.V. SMITH DATE ____

INDEXED ____ DATE ____

JOB NO. 2481-34

SURVEY BY L.V. SMITH

F. B. 390 PG. 172

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DATE ____ SURVEY BY L.V. SMITH
NOTES CHKD. Cavafaio NOTES BY L.V. SMITH DATE 5-14-69
DATE 6-13-69 INDEXED D.J. GALLI DATE [illegible]

F.B. 3902 PG. 173

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1551.673					
	0.759	✓	0.742			
H.I.	1552.432	-11.010	-11.010	✓-11.010		
	11.769		11.752			
T.P.	1540.663					
	0.300	✓	0.315			
H.I.	1540.963	-11.352	-11.353	✓-11.352		
	11.652		11.668			
T.P.	1529.311					
	0.633	✓	0.660			
H.I.	1529.944	-10.677	-10.678	✓-10.677		
	11.310		11.338			
T.P.	1518.634					
	0.441	✓	0.465			
H.I.	1519.075	-10.629	-10.630	✓-10.629		
	11.070		11.095			
T.P.	1508.005					
	0.551	✓	0.541			
H.I.	1508.556	-10.991	-10.991	✓-10.991		
	11.542		11.532			
T.P.	1497.014					
	0.675	✓	0.685			
H.I.	1497.689	-11.130	-11.131	✓-11.130		
	11.805		11.816			
T.P.	1485.884					
	0.353	✓	0.318			
H.I.	1486.237	-11.131	-11.126	✓-11.128		
	11.484		11.444			
T.P.	1474.753					

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JOB NO. 2471.34 SURVEY OF STILLMORE ST. NOTES RED DATE
SURVEY BY L.V. SMITH DATE 5-15-69 NOTES CHKD Cavataio
NOTES BY L.V. SMITH DATE 6-13-69
INDEXED B.J. GALL DATE
F.B. 5902 PG. 174

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	1474.753					
	2.759	✓	2.779			
H.I.	1477.512	-2.720	-2.718	✓-2.719		
	5.479		5.497			
T.P.	1472.033					
	0.755	✓	0.715			
H.I.	1472.788	-7.887	-7.888	✓-7.887		
	8.642		8.603			
T.P.	1464.146					
	3.955	✓	3.942			
H.I	1468.101	-1.126	-1.127	✓-1.126		
Set	5.081		5.069			
EV III	1463.020				1463.041	B.M. EV III. ELEV. = 1463.041
	4.129	✓	4.100			ON LOST SPRINGS ROAD WLY.
H.I.	1467.149	-1.453	-1.452	✓-1.453		CURB. 2'± SLY. OF S. EDGE OF
	5.582		5.552			DRIVEWAY TO HOUSE # 27831
T.P.	1461.567					SET SMALL BOLT SPK. IN CURB
	6.340	✓	6.343			
H.I.	1467.907	+4.285	+4.281	✓+4.285		
	2.055		2.062			
T.P.	1465.852					
	10.742	✓	10.717			
H.I.	1476.594	+8.680	+8.679	✓+8.680		
	2.062		2.038			
T.P.	1474.532					
	7.467	✓	7.445			
H.I.	1481.999	+4.010	+4.013	✓+4.011		
	3.457		3.432			
T.P.	1478.542					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1478.542					
	4.796	✓	4.779			
H.I	1483.338	+1.542	+1.544	✓+1.543		
	3.254		3.235			
T.P.	1480.084					
	8.768	✓	8.742			
H.I.	1488.852	+4.447	+4.448	✓+4.447		
	4.321		4.294			
T.P.	1484.531					
	3.545	✓	3.513			
H.I.	1488.076	−2.335	−2.334	✓−2.335		
	5.880		5.847			
T.P.	1482.196					
	6.048	✓	6.032			
H.I	1488.244	+2.017	+2.015	✓+2.017		
	4.031		4.017			
T.P.	1484.213					
	7.653	✓	7.685			
H.I.	1491.866	+6.741	+6.744	✓+6.742		
	0.912		0.941			
T.P.	1490.954					
	5.920	✓	5.906			
H.I.	1496.874	+3.792	+3.796	✓+3.794		
	2.128		2.110			
T.P.	1494.746					
	6.212	✓	6.181			
H.I	1500.958	+3.834	+3.836	✓+3.835		
	2.378		2.345			
T.P.	1498.580					

NOTES RED _____ JOB NO. 2491.34 SURVEY OF STILLMORE ST.
DATE _____ SURVEY BY L.V. SMITH
NOTES CHKD. C. Cavatoio NOTES BY L.V. SMITH DATE 5-15-69
DATE 6-13-69 INDEXED C.J. GALLI DATE MAY 26 '69

F.B. 3902 PG. 175

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JOB NO. 2491.34 SURVEY OF STILMORE ST. NOTES RED
SURVEY BY L.V. SMITH DATE
NOTES BY L.V. SMITH DATE 5-15-69 NOTES CHKD. [illegible]
INDEXED C. L. GALLI DATE DATE 6-13-69

F. B. 3802 PG. 176

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1498.580					
	7.695	✓	7.661			
H.I.	1506.275	+5.972	+5.973	✓+5.972		
	1.723		1.688			
T.P.	1504.552					
	10.220	9.110	10.221			
H.I.	1514.772	~~+9.090~~	+9.091	✓+9.110		
	1.110		1.130			
T.P.	1513.662					
	11.045	✓	11.068			
H.I.	1524.707	+10.315	+10.312	✓+10.315		
	0.730		0.756			
T.P.	1523.977					
	11.545	✓	11.521			
H.I.	1535.522	+10.941	+10.940	✓+10.941		
	0.604		0.581			
T.P.	1534.918					
	9.858	✓	9.842			
H.I.	1544.776	+8.906	+8.904	✓+8.906		
	0.952		0.938			
T.P.	1543.824					
	9.180	✓	9.170			
H.I.	1553.004	+7.468	+7.470	✓+7.469		
	1.712		1.700			
T.P.	1551.292					
	7.382	✓	7.418			
H.I.	1558.674	+4.082	+4.085	✓+4.083		
	3.300		3.333			
T.P.	1555.374					

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LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1555.374					
	7.052	✓	7.002			
H.I.	1562.426	+3.784	+ 3.787	✓+3.785		
	3.268		3.215			
T.P.	1559.158					
	6.222	✓	6.208			
H.I.	1565.380	+2.103	+ 2.106	✓+2.104		
	4.119		4.102			
T.P.	1561.261					
	6.838	✓	6.828			
H.I.	1568.099	+3.065	+3.066	✓+3.065		
	3.773		3.762			
T.P.	1564.326					
	6.935	✓	6.940			
H.I.	1571.261	+2.896	+2.893	✓+2.896		
	4.039		4.047			
T.P.	1567.222					
	7.027	✓	6.990			
H.I.	1574.249	+3.767	+3.765	✓+3.767		
	3.260		3.225			
T.P.	1570.989					
	6.865	✓	6.832			
H.I.	1577.854	+2.912	+2.912	✓+2.912		
	3.953		3.920			
T.P.	1573.901					
	6.610	✓	6.575			
H.I.	1580.511	+1.780	+1.777	✓+1.780		
	4.830		4.798			
T.P.	1575.681					

NOTES RED _____ JOB NO 2491.34 SURVEY OF STILLMORE ST.
DATE _____ SURVEY BY L.V. SMITH DATE 5-15-69
NOTES CHKD R. Cavalli NOTES BY L.V. SMITH
DATE 6-13-69 INDEXED C.J. GALLI DATE _____ DATE _____

F.B. 3902 PG. 177

768420 S & E-353 4-54

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725 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 2491.34 SURVEY OF STILLWATER ST. NOTES RED
SURVEY BY L.V. SMITH DATE 5-15-69 NOTES CHKD Cavatain
NOTES BY L.V. SMITH DATE DATE 6-13-69
INDEXED C.J. GALLI DATE

F.B. 3902 PG. 178

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1575.681					
	6.030	✓	6.060			
H.I.	1581.711	+1.145	+1.145	✓+1.145		
	4.885		4.915			
T.P.	1576.826					
	6.140	✓	6.120			
H.I.	1582.966	+1.270	+1.272	✓+1.271		
	4.870		4.848			
T.P.	1578.096					
	6.052	✓	6.030			
H.I.	1584.148	+1.052	+1.055	✓+1.053		
	5.000		4.975			
T.P.	1579.148					
	5.990	✓	5.975			
H.I.	1585.138	+1.475	+1.476	+1.475		
	4.515		4.499			
T.P.	1580.623					
	5.281	✓	5.268			
H.I.	1585.904	-0.232	-0.232	✓-0.232		
	5.513		5.500			
Fd BL2943	1580.391				1580.424	B.M. BL 2943 ELEV. = 1580.424 NEWHALL QUAD - 1965 RDBM TAG 3 FT. S BCR @ S.W. COR. SAND CANYON RD. & SOLEDAD CANYON RD. 81' S & 40' W. @ INT.

Notes Ck'd by J. Cavatain	Survey of STILLMORE ST.
Map No.	JN 2491.34 Tape 101 Std 84 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes Date 5-15-69
Date	Indexed GALLI NOV 26 '69

F.B. 3902 PG. 179

STILLMORE ST.
C.I. 2491.34

NEWHALL AREA SANITARY SEWERS

SURVEY OF WLY. 10 FT. PARCEL #13 FROM NORTHERLY SIDE OF STILLMORE ST. AT GALETON ROAD NLY. 150 FT. & TOPOGRAPHY OF PROPOSED EASEMENT

SURVEY OF TRANSIT LINE ON MAGIC MOUNTAIN LANE FROM STILLMORE ST. NORTHERLY & TOPOGRAPHY OF MAGIC MOUNTAIN LANE.

MAY 1969

REF.
TR 25916
TR 27286
F.B. 3032

PARTY
L.V. SMITH
B.R. JACKSON
V.L. HUCKABY
R. BLANCHARD

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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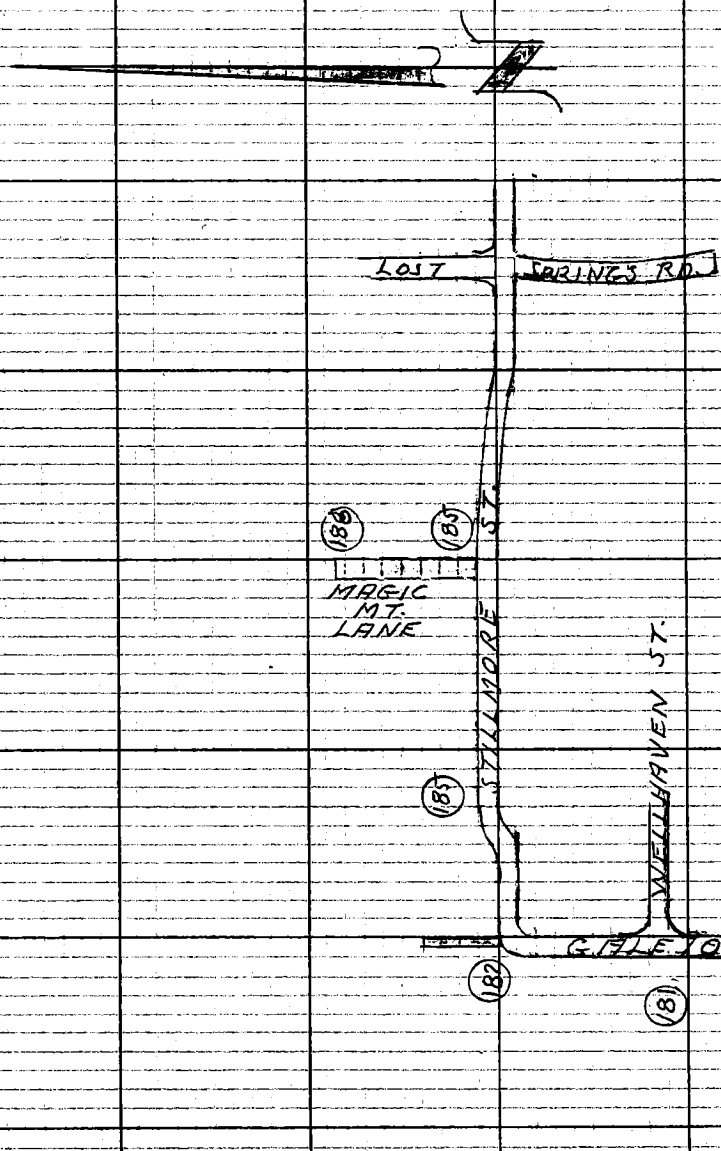
16F3095 CE#310 3-68

F. B. 3902 PG. 180

INDEX



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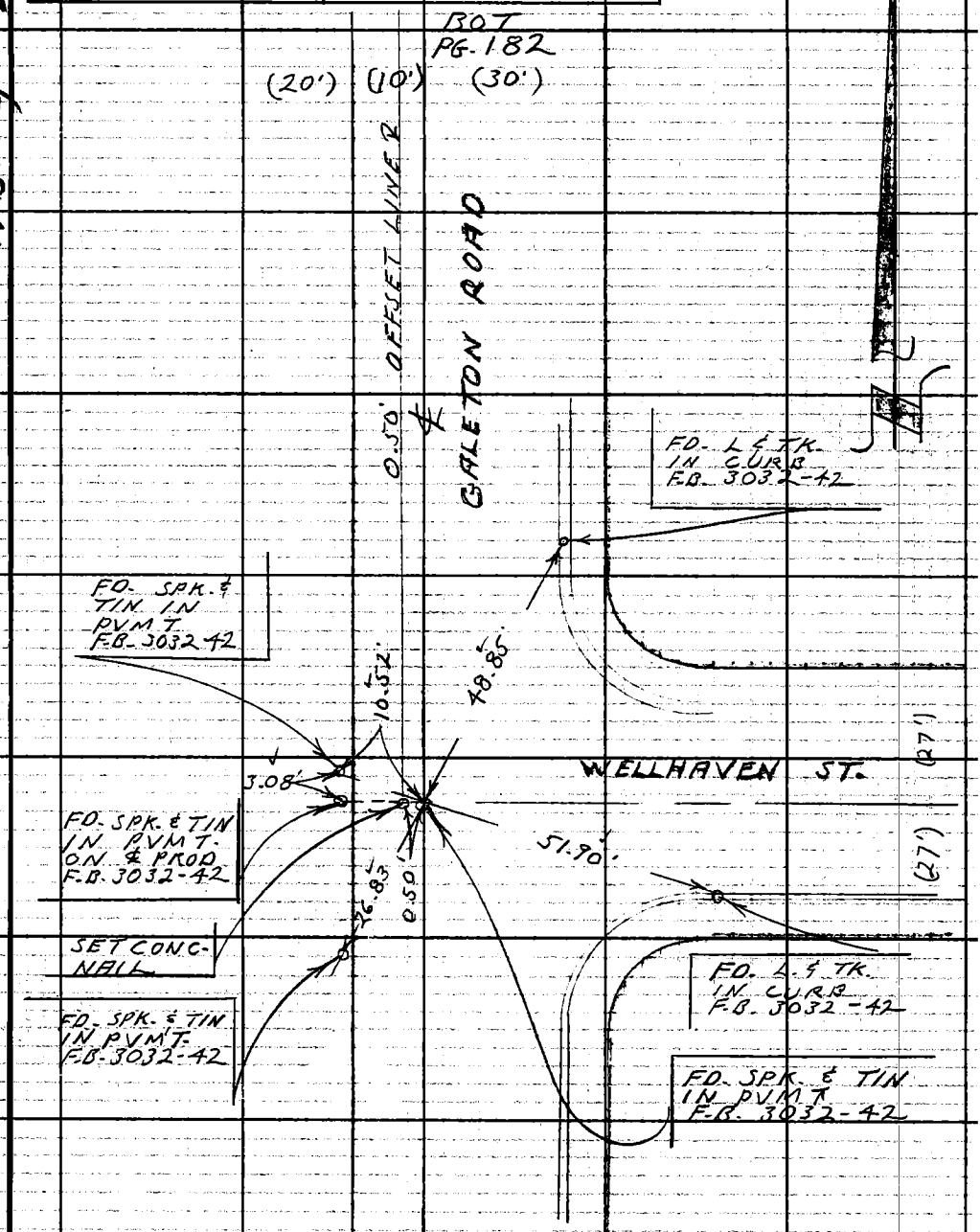
Notes Ck'd by J. Cavataio	Survey of STILLMORE ST.
Map No.	JN 2491.34 Tape Std. 68 °F
Office Work	Surveyed by L.V. SMITH
Checked	Notes L.V. SMITH Date 5-13-69
Date	Indexed C. J. GALLI MAY 26 '69

F. B. 3902 PG. 181

W.S. 62, C-2



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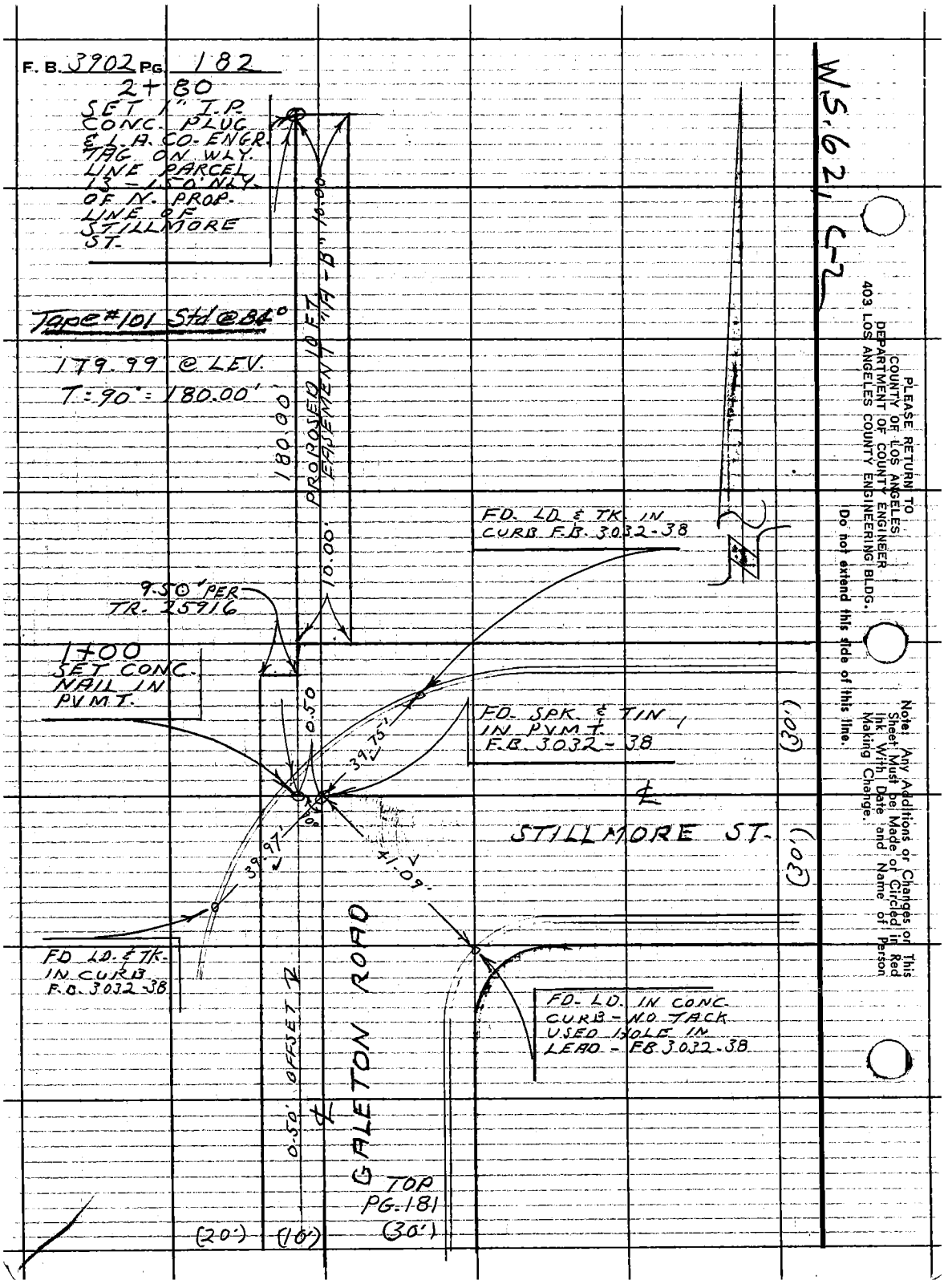
76F309S CE#310 3-68


F. B. 3902 PG. 182
2+80
SET 1" I.P. CONC. PLUG & L.A. CO-ENGR. TAG ON WLY. LINE PARCEL 13 - 150' NLY. OF N. PROP. LINE OF STILLMORE ST.
Tape #101 Std @ 84°
179.99' @ LEV.
T: 90° = 180.00'
180.00'
PROPOSED 10 FT. EASEMENT "A-B" 10.00
10.00'
9.50' PER TR. 25916
1+00
SET CONC. NAIL IN PVMT.
0.50
39.75'
39.97'
41.09'
FD. LD. & TK. IN CURB F.B. 3032-38
FD. SPK. & TIN IN PVMT. F.B. 3032-38
STILLMORE ST.
(30')
(30')
FD LD. & TK. IN CURB F.B. 3032-38
FD. LD. IN CONC. CURB - NO TACK USED HOLE IN LEAD - FB 3032-38
GALETON ROAD
0.50' OFFSET
TOP PG. 181
(20')
(10')
(30')
WS.621, C-2
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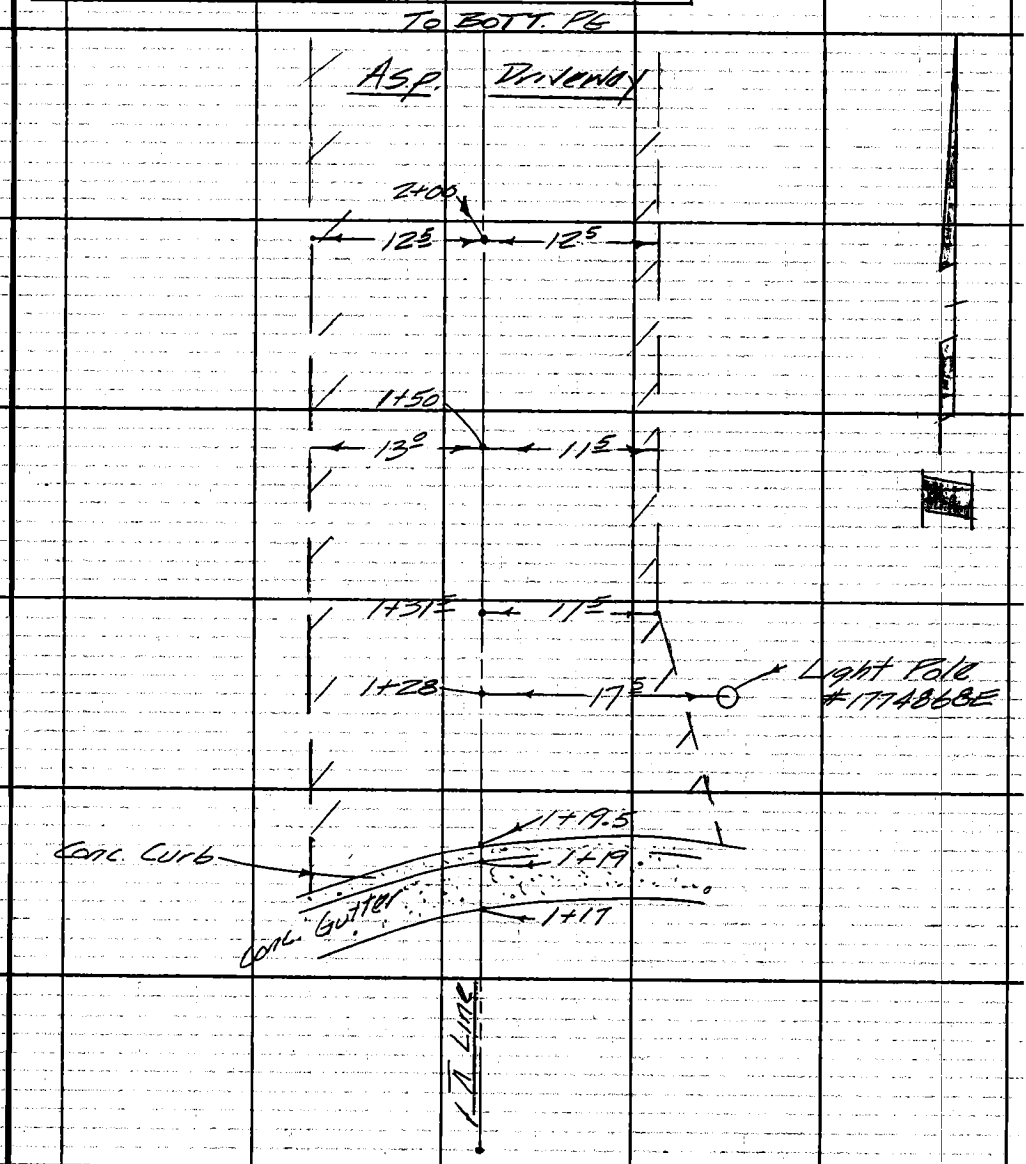
Notes Ck'd by	Survey of STILLMORE ST.
Map No.	JN 2491.3A Tape Cloth Std. — °F
Office Work	Surveyed by L.V. Smith
Checked	Notes B. Jackson Date 5-13-69
Date	Indexed C.L. GALLI NOV 26 '69

F.B. 3902 PG. 183



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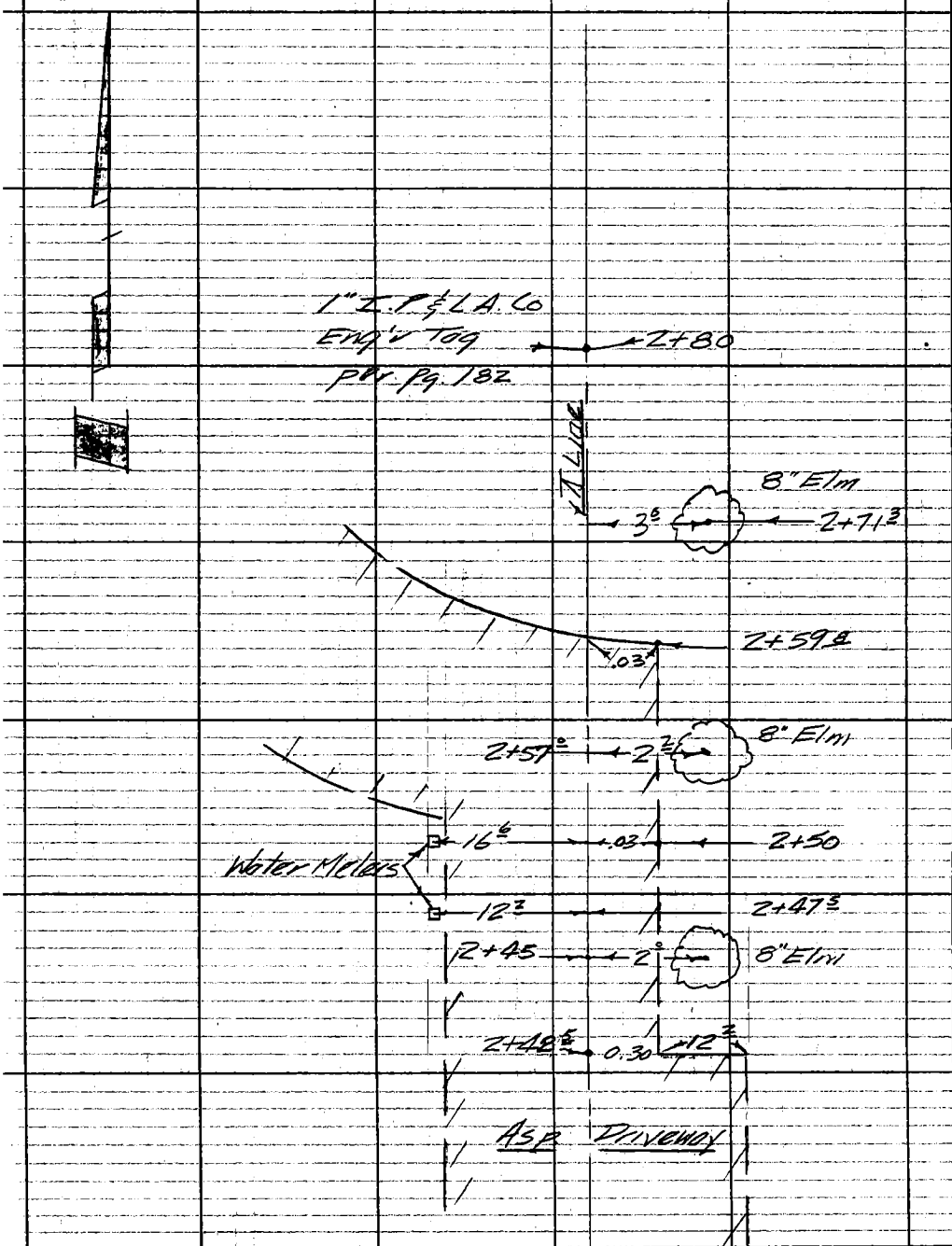
76F3095 CE#310 3-68

F.B. 3902 PG. 184



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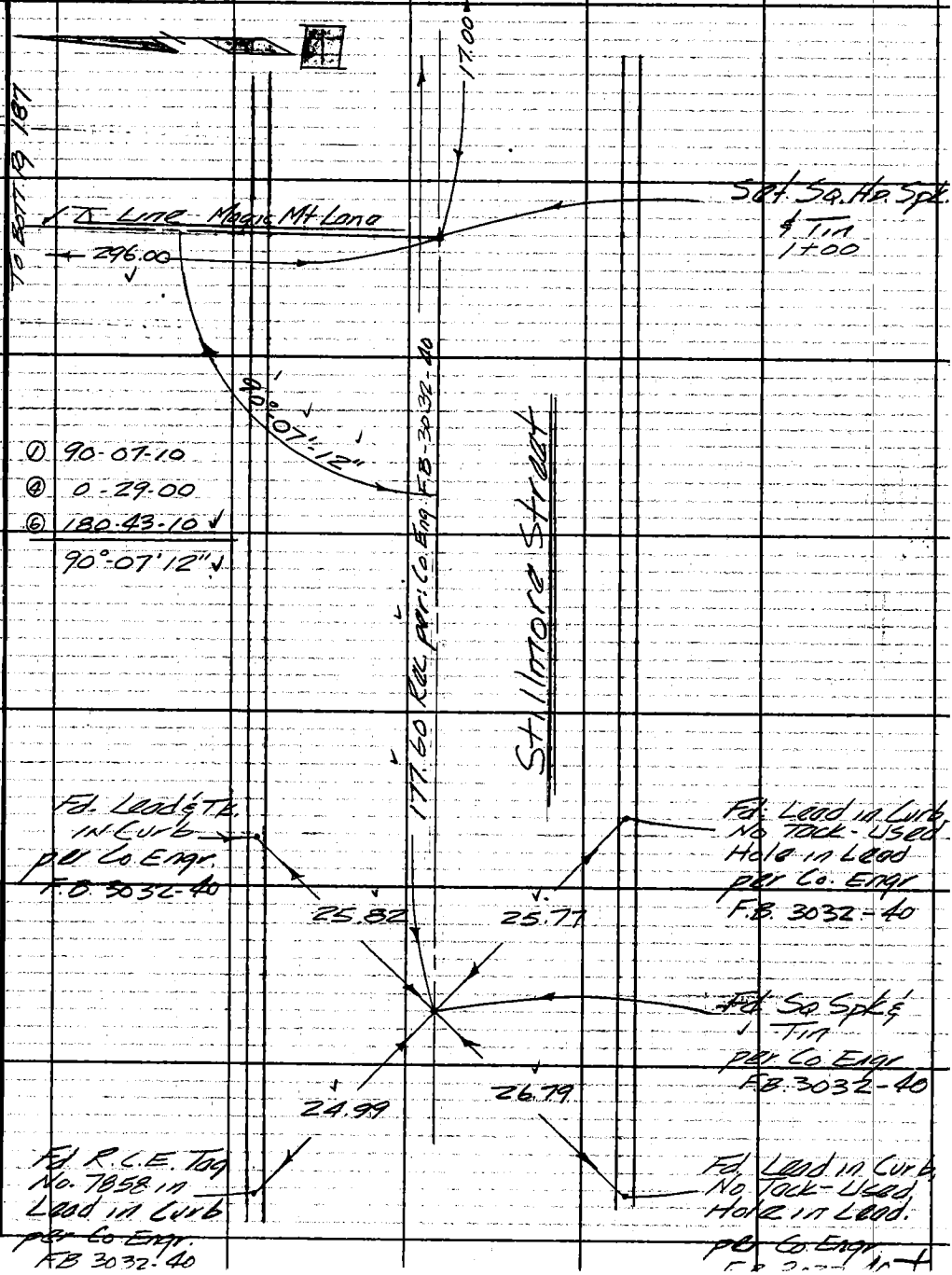
TO TOP PG.

Notes Ck'd by J. Cavataio	Survey of Stillmore Street
Map No.	JN 2491.34 Tape 101 Std. 84 °F
Office Work	Surveyed by L.V. Smith
Checked	Notes B. Jackson Date 5-20-69
Date	Indexed D.T. GALLI NOV 26 '69

F.B. 3902 PG. 185

To Bottom Pg - 186



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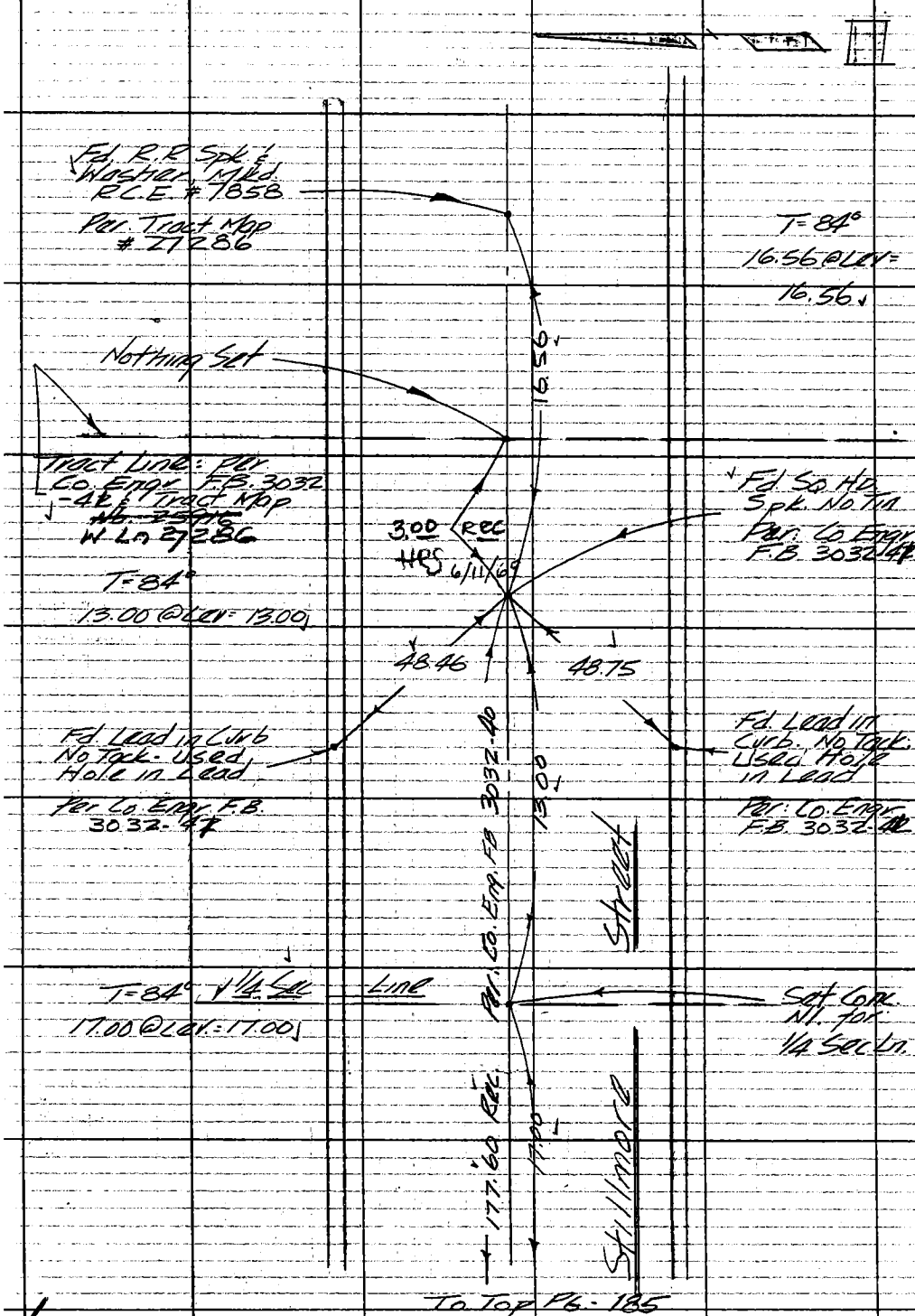
16F309S CE#310 3-68

F. B. 3902 PG. 186



To Top Pg. 185

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Notes Ck'd by J. Cavataio	Survey of Stillmore Street	F. B. 3902 Pg. 187
Map No.	JN 2491.34 Tape 101 Std 84 °F	
Office Work	Surveyed by L. V. Smith	
Checked	Notes B. Jackson Date 5-20-69	
Date	Indexed G. J. GALLI MAY 26 '69	

To Right Pg. 188

T = 84° (.00)

238.62 @ 5-44 =
238.70 @ 5-55 = 237.43 ✓

237.43

1/4 Sec. Line

Transit Line - Magic Mountain Lane

Set Sq. Hd. Spk & Tin.

T = 84° (.00)

297.36 @ 5-28 = 296.01
297.44 @ 5-40 = 295.99 = 296.0 ✓

296.00 ✓

To Top Left Pg. 185

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

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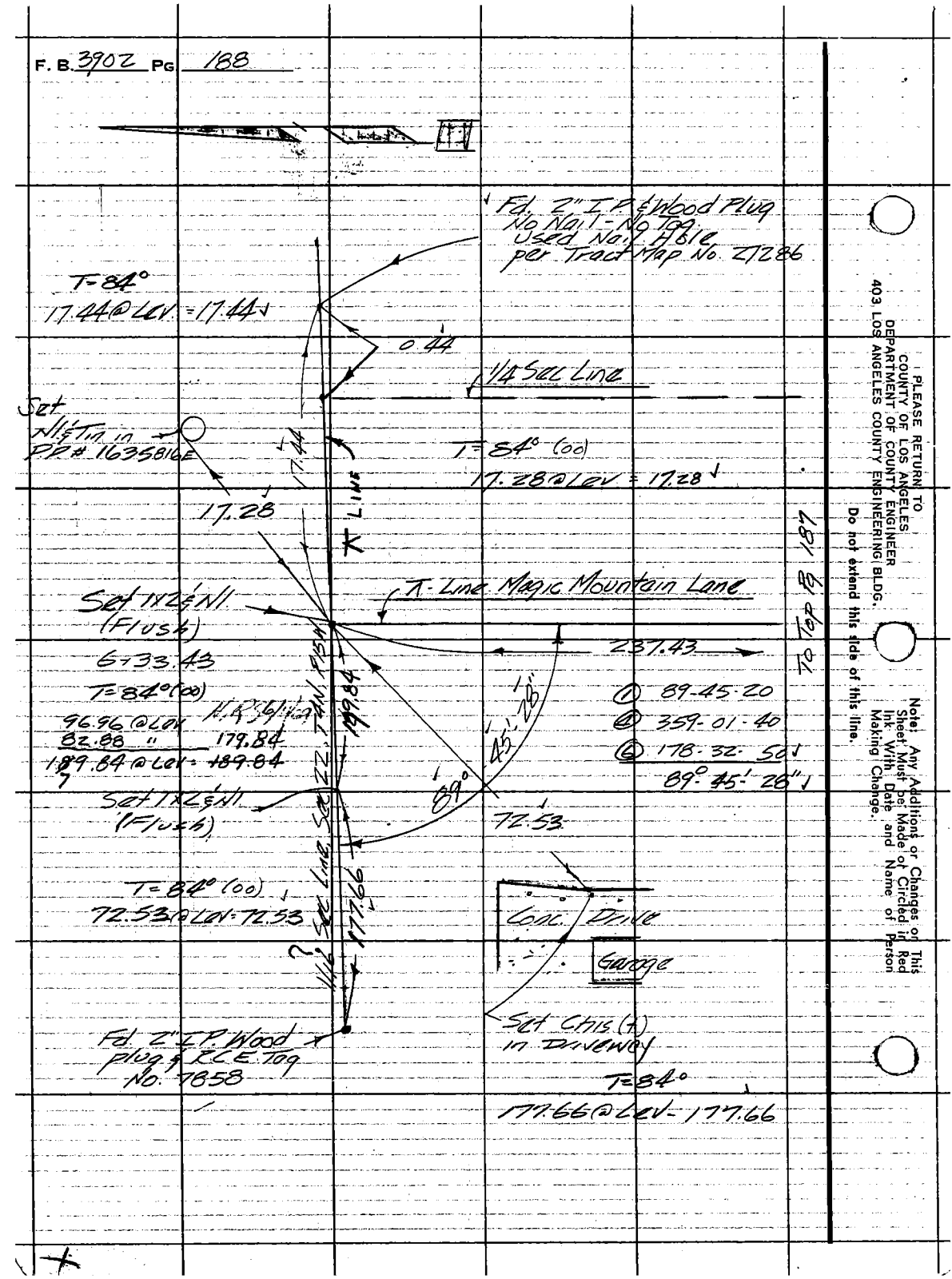
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3902 PG 188



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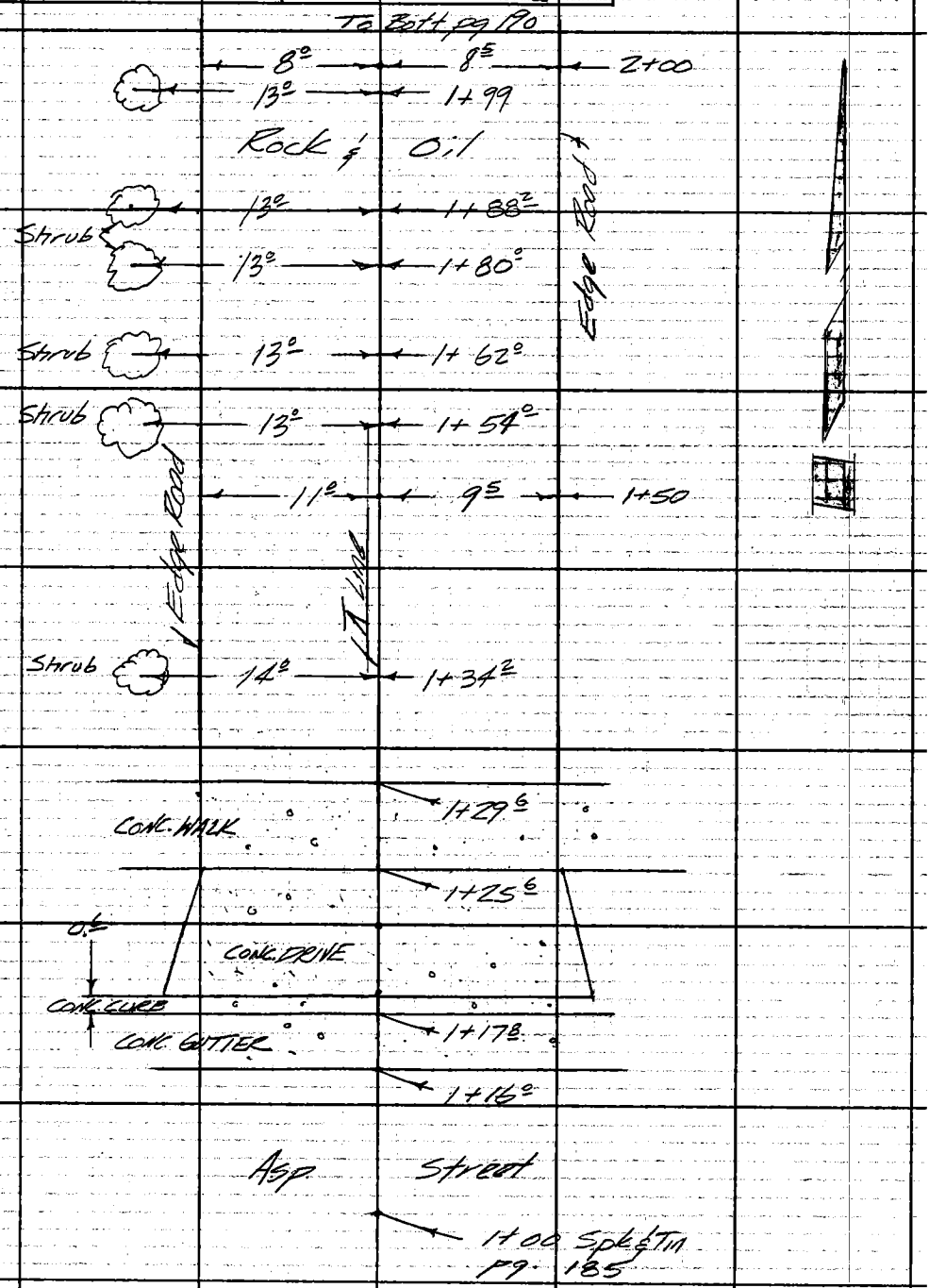
To Top 184

Notes Ck'd by	Survey of Stillmore Street
Map No.	JN 2491.34 Tape Cloth Std — °F
Office Work	Surveyed by L. V. Smith
Checked	Notes B Jackson Date 5-20-69
Date	Indexed B.L. GALLI MAY 26 '69

F. B. 3902 PG. 189



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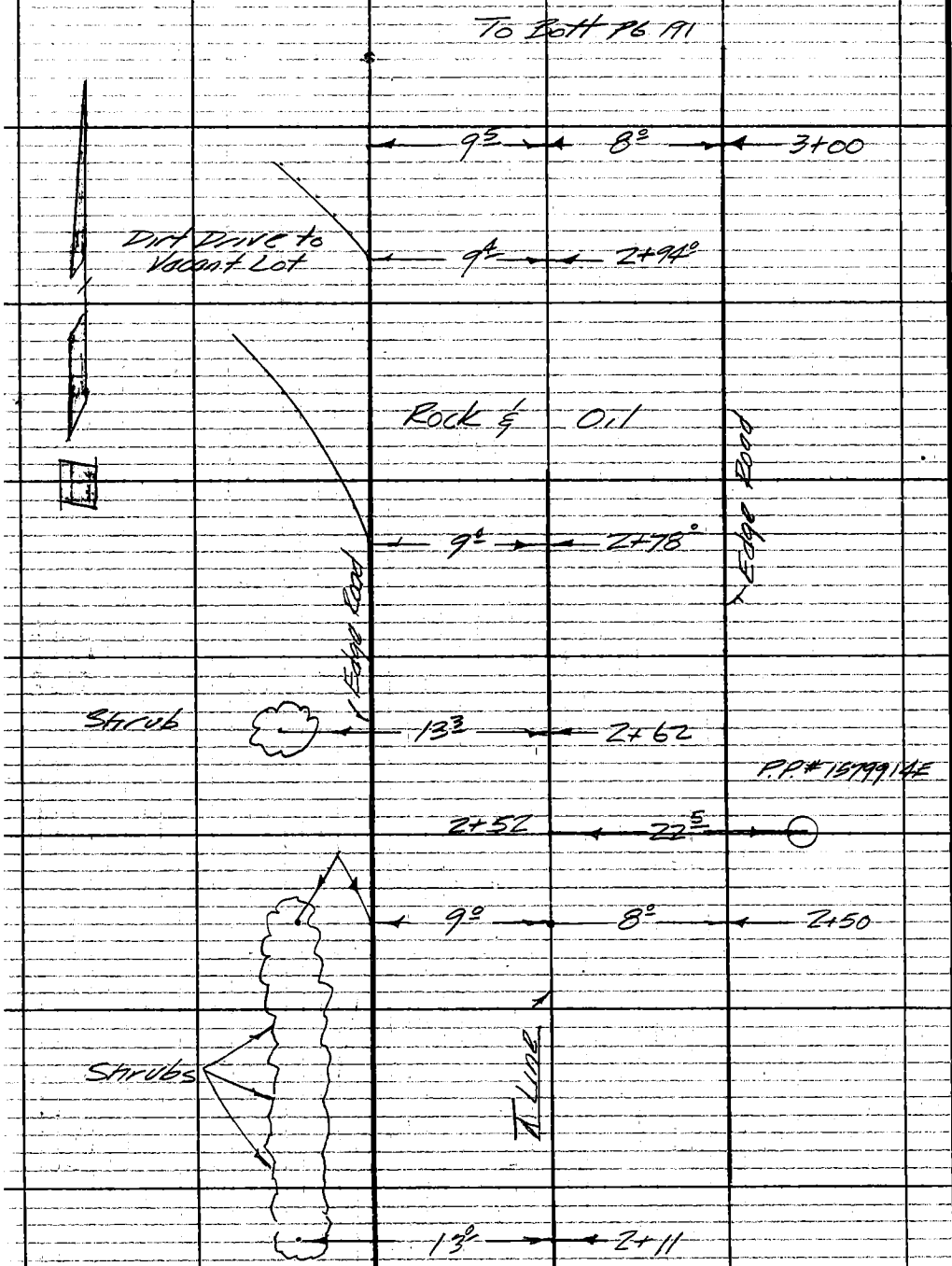
76F309S CE#310 3-68

F. B. 3902 PG. 190



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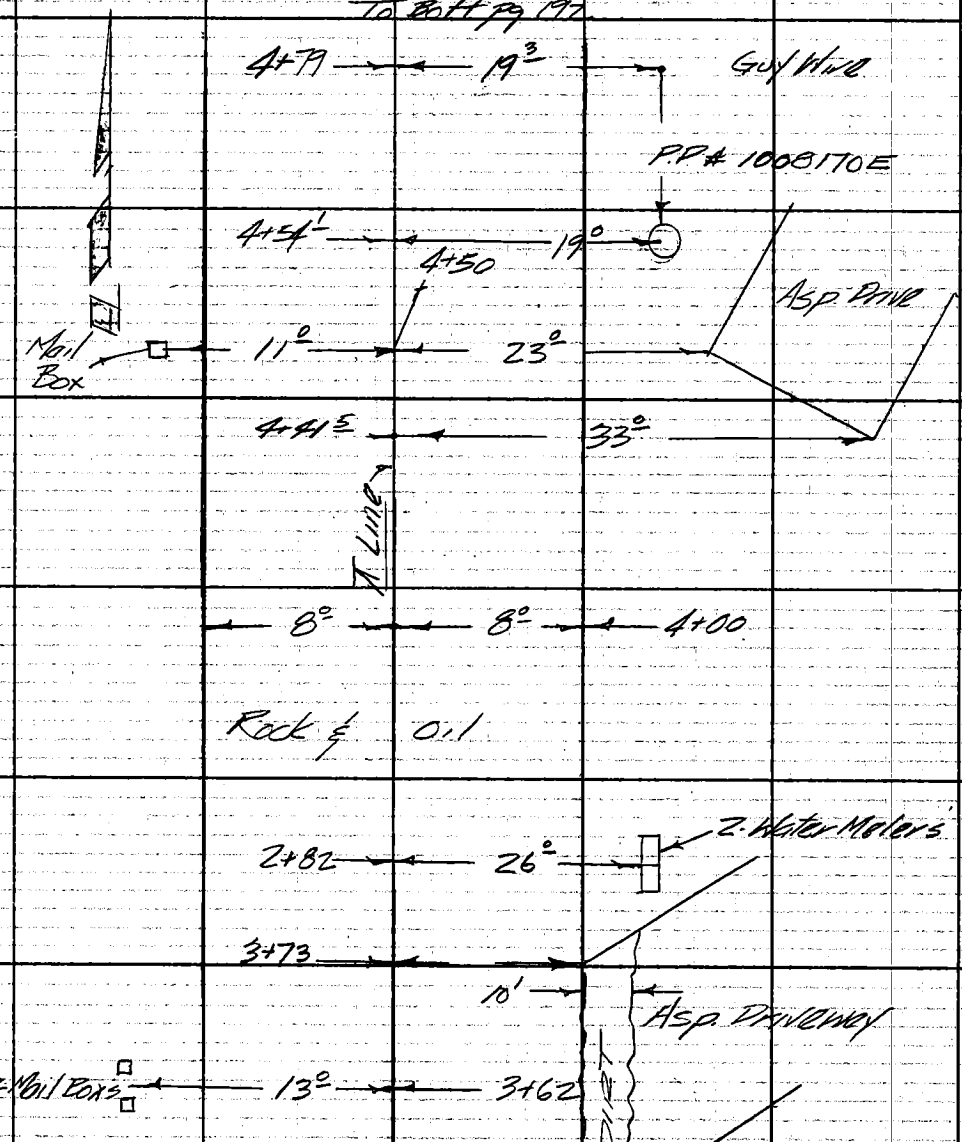
To Top pg 189

Notes Ck'd by	Survey of Stillmore Street
Map No.	JN 2491.34 Tape Cloth Std. — °F
Office Work	Surveyed by L V. Smith
Checked	Notes B. Jackson Date 5-20-69
Date	Indexed GALLI NOV 26 '69

F. B. 3902 PG. 91

To Bott pg 192



TO TOP PG. 90

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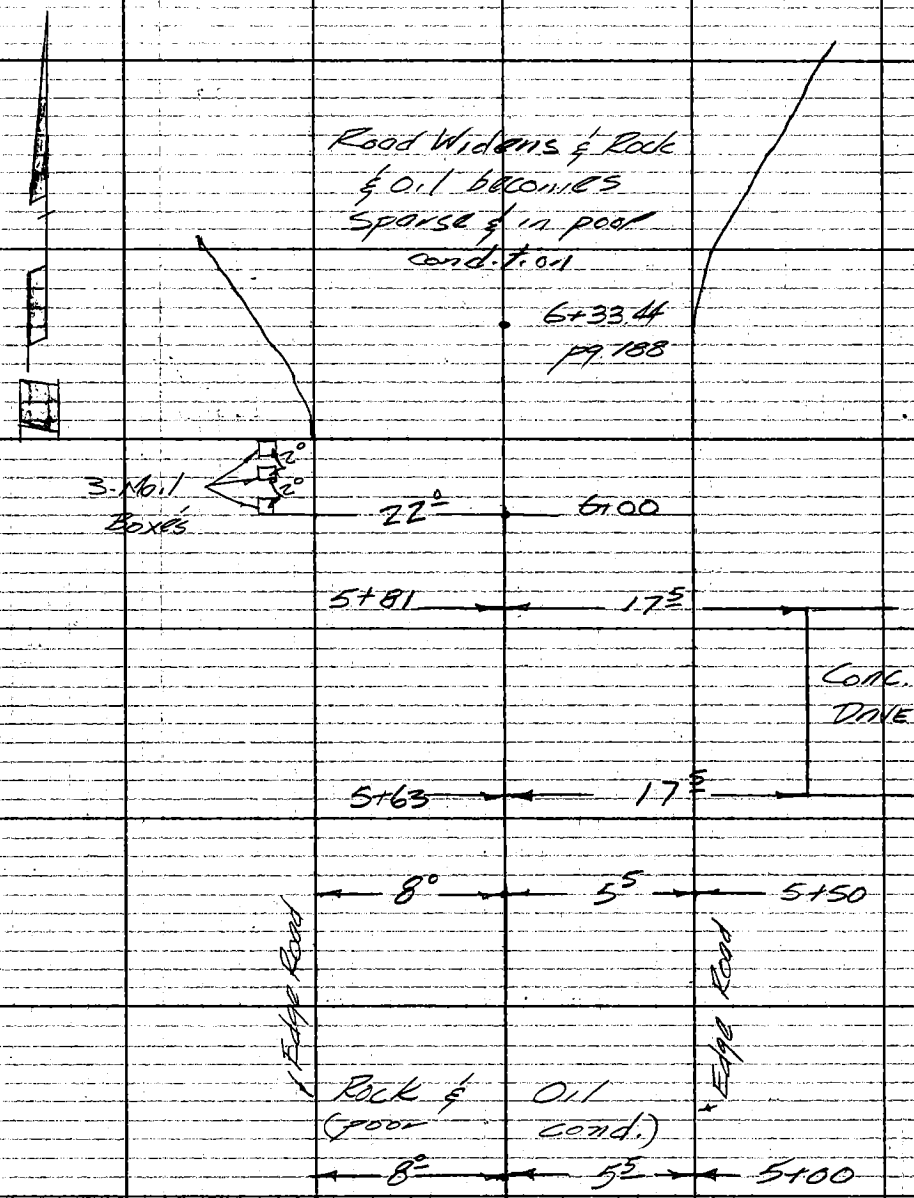
403, LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3902 PG 192



To Top Pg 191

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Profile No.	Notes Red	Plotted	Job No. 2491.34	Division No.	F.B. 3902	PG. 193
	Date	Date	Survey of STILLMORE ST.			
X-Sec. No.	Notes Chkd.	Checked	Survey by L.V. SMITH	Notes L.V.S.	Date 5-20-69	
	Date	Date	Map No.	Indexed	Date	

STILLMORE ST.

C.I. 2491.34

NEWHALL AREA SANITARY SEWERS

PROFILE & CROSS-SECTION PROPOSED EASEMENT FROM NORTHERLY SIDE OF STILLMORE ST. AT GALETON ROAD. NLY. 150' ALONG WLY. 10 FT. PARCEL #13

MAY 1969

STATION	B.S.	H.I.	F.S.	ELEV.
		PARTY L.V. SMITH B.R. JACKSON V.L. HOCKABY R. BLANCHARD		

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76-1,286 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
B.M. EV 102	336	1454 79		1451 43	B.M. EV 102 ELEV. = ~~1451.425~~ 1451.433 (UNADJ.)	
					F.B. 3902-168	
					ON GALETON ST. AT STILLMORE ST	
					AT S.E. CORNER 2'± S. OF S. END	
					CBR. SMALL BT. SPK. IN LEAD	
1+00			330	1451 49		PVMT.
1+17			394	1450 85		GUTTER
1+31			302	1451 77		TOP BRK BLACK TOP
1+50			416	1450 63		BLACK TOP
			398	1450 81		10" RIGHT BLACK TOP
1+75			499	1449 80		BOT. BRK. " "
2+00			500	1449 79		" "
			476	1450 03		10 RIGHT " "
2+50			397	1450 82		" "
			41	1450 7		10' RIGHT - DIRT
2+80			32	1451 6		GRASS
			36	1451 2		10' RIGHT - DIRT
T.P.	481	1454 72	488	1449 91		
B.M. EV 102			329	1451 43	B.M. EV. 102 ELEV = ~~1451.425~~ 1451.433 (UNADJ.)	
					SEE DESCRIPTION ABOVE	

F.B. 3902 PG. 194

Job No. 2491-34 Division No. Notes Red Plotted Profile

Survey of STILLMORE ST. Date Date No. X-Sec.

Survey by L.V. SMITH Notes L.V. SMITH Notes Chkd. Checked

Indexed C.L. GALLI Date Date Date No.

Profile No.	Notes Red	Plotted	Job No. 2491.34	Division No.	F.B. 3902	PG. 195
	Date	Date	Survey of STILLMORE ST.			
X-Sec. No.	Notes Chkd.	Checked	Survey by L.V. SMITH	Notes L.V.S.	Date 5-20-69	
	Date	Date	Map No.	Indexed B. GALLI	Date MAY 26	

STILLMORE ST.

C.I. 2491.34

NEWHALL AREA SANITARY SEWERS

PROFILE & CROSS-SECTION OF MAGIC MOUNTAIN LANE FROM STILLMORE ST. NLY.

MAY 1969

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

PARTY
L.V. SMITH
B.R. JACKSON
V.L. HUCKABY
R. BLANCHARD

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 3902 PG. 196 | Job No. 2491.34 | Division No. | Notes Red | Plotted | Profile No.
Survey of STILLMORE ST. | Date | Date | X-Sec. No.
Survey by L.V. SMITH | Notes | Notes Chkd. | Checked | Date
Indexed C.L. GALLI | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	⊼	RIGHT
B.M. EV 103	770	146859		146089	B.M. EV 103 ELEV. = ~~1460.892~~ 1460.903 (UNADJ.)		
					F.B. 3902-169		
					ON STILLMORE ST. AT MAGIC MT.		
					LANE SLY. CURB BETWEEN HOUSE		
					#17908 & HOUSE #17902 ON APPROX		
					LOT LINE PROD TO CURB. SMALL		
					BOAT SPK. IN LEAD IN CURB		
1+00			670	146189		⊼	& STILLMORE
			741	146118		⊼	CONC. GUTTER
			659	146200		⊼	EDGE WALK
			652	146207		⊼	BACK "
1+50			382	146477		⊼	OIL & ROCK PVMT
			345	146514			9.5° EDGE "
			24	14662			16° TOP BRK.
			17	14669			37°
			362	146497	9° BOT. BERM		
			326	146533	11° TOP "		
			30	14656	15.5 TOP BRK.		
			64	146222	21° BOT "		
T.R	1046	147743	162	146697			

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
		1477 43				
2+00			681	147062		ROCK & OIL PVMT.
			634	147109		8° BOT. BRK. "
			47	14727		17° TOP BRK
			49	14725		34° FENCE LINE
			665	147078	8° EDGE PVMT.	
			6°	14714	14° TOP BRK.	
			17°	14598	29° BOT BRK (HAND LEVEL)	
T. P.	790	1484 06	127	147616		
2+50			765	147641		ROCK & OIL
			732	147674		8° " " "
			57	14784		18° TOP BRK.
			57	14784		34° FENCE LINE
			759	147647	9° EDGE ROCK & OIL	
			68	14773	14° TOP BRK.	
			218	14623	38° BOT BRK (HAND LEVEL)	
T.P.	919	1491 72	153	148253		
3+00			926	148246		ROCK & OIL
			895	148277		8° " " BOT. BRK
			20	14897		38° TOP BRK.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 249134 Division No. ____ F.B. 3902 PG. 197
Date ____ Date ____ Survey of STILLMORE ST.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by L.V. SMITH Notes L.V.S. Date 5-20-69
Date ____ Date ____ Map No. ____ Indexed C.J. GALLI Date NOV 26 '69

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.		
		1491 72				
3+00			924	1482 48	6.5 BOT. BRK PVMT	
			900	1482 72	9.5 TOP " "	
			87	1483 0	12.5 TOP BRK.	
			106	1481 1	18.0 BOT BRK	
			109	1480 8	32.0 WLY. SIDE OF DRIVE TO BLDG PAD	
3+50			326	1488 46		
			301	1488 71		9.0 EDGE ROCK & OIL
			20	1489 7		21.0 TOP BRK
			25	1489 2		36.0 FENCE LINE
			347	1488 25	6.5 GUT. PVMT	
			320	1488 52	8.5 EDGE "	
			21	1489 6	22.0 TOP BRK.	
			109	1480 8	40.0 BOT BRK (BUILDING PAD)	
T.P.	1011	1500 98	085	1490 87		
4+00			661	1494 37		
			649	1494 49		8.0 EDGE ROCK & OIL
			35	1497 5		32.5 TOP BRK.
			653	1494 45	8.0 EDGE PVMT.	
			53	1495 7	13.5 TOP BRK.	

F.B. 3902 Pg. 198 Job No. 2491.34 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of STILLMORE ST. Date ____ Date ____ No. ____
Survey by L.V. SMITH Notes L.V. SMITH Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed C.J. GALLI Date ____ Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
		1500 98				
4+00			74	1493.6	23° TOP BRK	
			185	1482 5	39° BOT BRK	
T.P.	870	1508 66	102	1499 96		
4+50			859	1500 07		ROCK & OIL PVMT.
			852	1500 14		6.5 EDGE PVMT.
			762	1501 04		24.5 EDGE BLACK TOP DRIVE
			852	1500 14	8° EDGE PVMT.	
			64	1502 3	17° TOP BRK	
5+00			307	1505 59		
			290	1505 76		5.5 EDGE PVMT
			30	1505 7		37° TOP BRK.
			544	1503 22		38° BLACK TOP DRIVE
			294	1505 72	8° EDGE PVMT.	
			30	1505 7	30°	
T.P.	958	1517 35	089	1507 77		
5+50			639	1510 96		
			62	1511 2		26° TOP BRK.
			65	1510 9	9° BOT BRK.	
			55	1511 9	35° DIRT.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2491.34 Division No. ____ F.B. 3902 PG. 199
X-Sec. No. ____ Date ____ Date ____ Survey of STILLMORE ST.
Notes Chkd. ____ Checked ____ Survey by L.V. SMITH Notes L.V.S. Date 5-20-69
Date ____ Date ____ Map No. ____ Indexed C.T. GALLI Date MAY 26

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	RIGHT
		1517 35				
6+00			159	1515 76		
			09	1516 5		19° TOP BRK
			74	1510 0		39° BOT BRK. & ELEV OF YARD HOUSE #27945
			15	1515 9	19° BOT BRK.	
			10	1516 4	22° TOP BRK	
			03	1517 1	35° DIRT	
T.P.	609	1522 21	123	1516 12		
6+33 43			29	1519 3		
			26	1519 6		9° TOP BRK.
			102	1512 0		24° BOT BRK.
			29	1519 3	13° EDGE ROCK & OIL	- POOR CONDITION
			25	1519 7	36° " " "	- " "
T.P.	264	1513 68	1117	1511 04		
BM EV105			104	1512 64	B.M. EV105 ELEV. =	1512.671 ~~1512.66~~ (UNADJ)
					F.B. 3902·170	
					ON SILVER STREAM DR. AT LOST SPRINGS	
					RD. N. ELY. CORNER	2'± E. OF E. END
					CBR. LD. & TK. IN	CURB.

F.B. 3902 PG. 200 Job No. 2491·34 Division No. Notes Red Plotted Profile
Survey of STILLMORE ST. Date Date No. X-Sec.
Survey by L.V. SMITH Notes L.V. SMITH Notes Chkd. Checked
Indexed C.J. GALLI Date Date Date No.

Notes Ck'd by J. Cavatain	Survey of Stillmore Street
Map No.	JN 2491.34 Tape 101 Std 84 °F
Office Work	Surveyed by L. V. Smith
Checked	Notes B. Jackson Date 5-20-69
Date	Indexed G.L. GALLI NOV 26 '69

F. B. 3902 PG. 201

Stillmore Street

Location of Manhole
at Galeton Road and
Soledad Canyon Road

J.N. 2491.34

Party

L V Smith
B.R. Jackson
V.L. Huckaby
R.G. Blanchard

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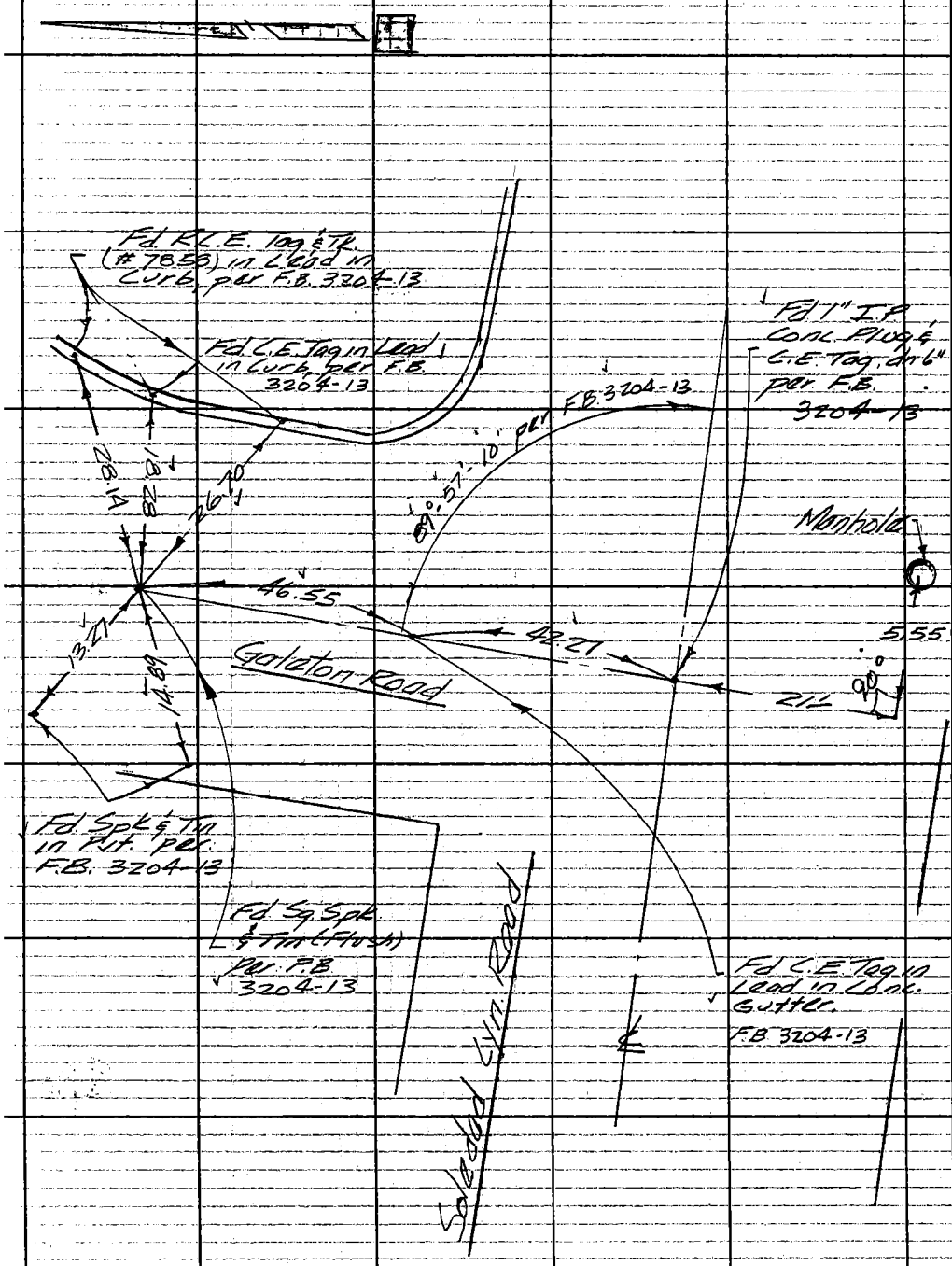
76F 3095 CE#810 3-68

F. B. 3902 PG. 202



W.S. 62, C-2

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F.B. 3902 PG. 203

Profile No. _____ Notes Red _____ Plotted _____ Job No. _____ Division No. _____
Date _____ Date _____ Survey of Stillmore Street
X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by L.V. Smith Notes Jackson Date 5-20-69
Date _____ Date _____ Map No. _____ Indexed C. J. GALLI Date MAY 26

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76-L298 CE 307 3-61

STATION	B. S.	H. I.	F. S.	ELEV.	
					Stillmore Street C.I. 2491.34 Newhall Area Sanitary Sewers
					May - 1969
			Party L.V. Smith B.R. Jackson V.L. Huckaby R.G. Blanchard		

76-L298 CE 307 3-61

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F.B. 3902 PG. 204 | Job No. 2491.34 | Division No. | Notes Red | Plotted | Profile No.
Survey of Stillmore Street | Date 5-20-69 | Date | X-Sec. No.
Survey by J. Smith | Notes B. Jackson | Notes Chkd. | Checked | Date
Indexed C. J. GALLI | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.			
EV-97	4.51	1454.55		1450.04	EV-97 Elev. 1450.045 on Soledad Cyn. Road at Intersection with Galeton Rd. N.E Cor. 5' E. of E. End C.R., Fd. Flood Control Brass Cap Mon. Stamped B.M. 097-03390-1963 in Conc Curb. F.B. 3902-167.		
					Manhole		
					N. Rim 4.67		
					E. " 4.69		
					S. " 4.75		
					W. " 4.73		
			4.71	1449.84	Avg. Rim Elev. 4.71		
18" Inlet E.			14.83	1439.72		INLET E. 10.12 + 4.71 = 14.83	OUTLET W 10.20 + 4.71 = 14.91
15" Outlet W.			14.91	1439.64			
10" Inlet N.			14.02	1440.53	(STUB)	INLET N. 9.31 + 4.71 = 14.02	
T.P.	4.84	1454.58	4.81	1449.94			
			4.54	1450.04	B.M. EV-97 (See Desc. Above)		

Profile No.	Notes Red	Plotted	Job No. 2491-34	Division No.	F.B. 3902 PG. 205
	Date	Date	Survey of STILLMORE ST.		
X-Sec. No.	Notes Chkd.	Checked	Survey by L.V. SMITH	Notes L.V.S.	Date 5-21-69
	Date	Date	Map No.	Indexed G.L. GALLI	Date MY 26 '69

STILLMORE ST.

CI 2491.34

NEWHALL SEWERS SANITARY SEWERS

FLOOR ELEVATION OF HOUSE #27831
LOST SPRINGS ROAD LOT #18 TR.27286

MAY 1969

STATION	B.S.	H.I.	F.S.	ELEV.
		PARTY L.V. SMITH B.R. JACKSON V.L. HUCKABY R. BLANCHARD		

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	
B.M. EVIII	615	1469 17		1463 02	B.M. EVIII ELEV. = ~~1463.020~~ 1463.041 (UNADJ.) F.B. 3902-174 ON LOST SPRINGS ROAD - WLY. CURB. 2'± SLY. OF S. EDGE OF DRIVEWAY TO HOUSE #27831. SMALL BT. SPK. IN CURB
HOUSE #27831 LOST SPRINGS ROAD			358	1465 59	FLOOR ELEV. OF HOUSE #27831 LOST SPRINGS ROAD. (CONC. SLAB
T.P.	659	1469 13	663	1462 54	UNABLE TO LOCATE SEPTIC TANK PER LETTER OF INSTRUCTIONS. MR. L. WILLIAMSON REGIONAL ENGR. GAVE O.K. FOR FLOOR ELEV. INSTEAD OF SEPTIC TANK ELEV.
B.M. EVIII			612	1463 01	BM. EVIII ELEV. = ~~1463.01~~ 1463.041 SEE DESCRIPTION ABOVE

F.B. 3902 PG. 206 Job No. 249134 Division No. Notes Red Plotted Profile
Survey of STILLMORE ST. Date Date No. X-Sec.
Survey by L.V. SMITH Notes L.V. SMITH Notes Chkd. Checked
Indexed C.L. GALLI Date Date Date No.

Notes Ck'd by	Survey of SECTION LINES	F.B. 3902 Pg. 207
Map No.	JN 030201 Tape 193 Std 84 °F	
Office Work	Surveyed by C. L. WRIGHT	
Checked	Notes C.L.W. Date APR '68	
Date	Indexed D. J. GA[illegible] APR 19 '[illegible]	

SECTION LINES

T8N R19W

NORTH LINE OF SEC. 12

J.N. 030201

REFS.
C.S. B-2199
C.S. B-711

F.B. 1191

PARTY -
C. L. WRIGHT
B. A. PEAVY
J. SIDWELL
L. KEISNER

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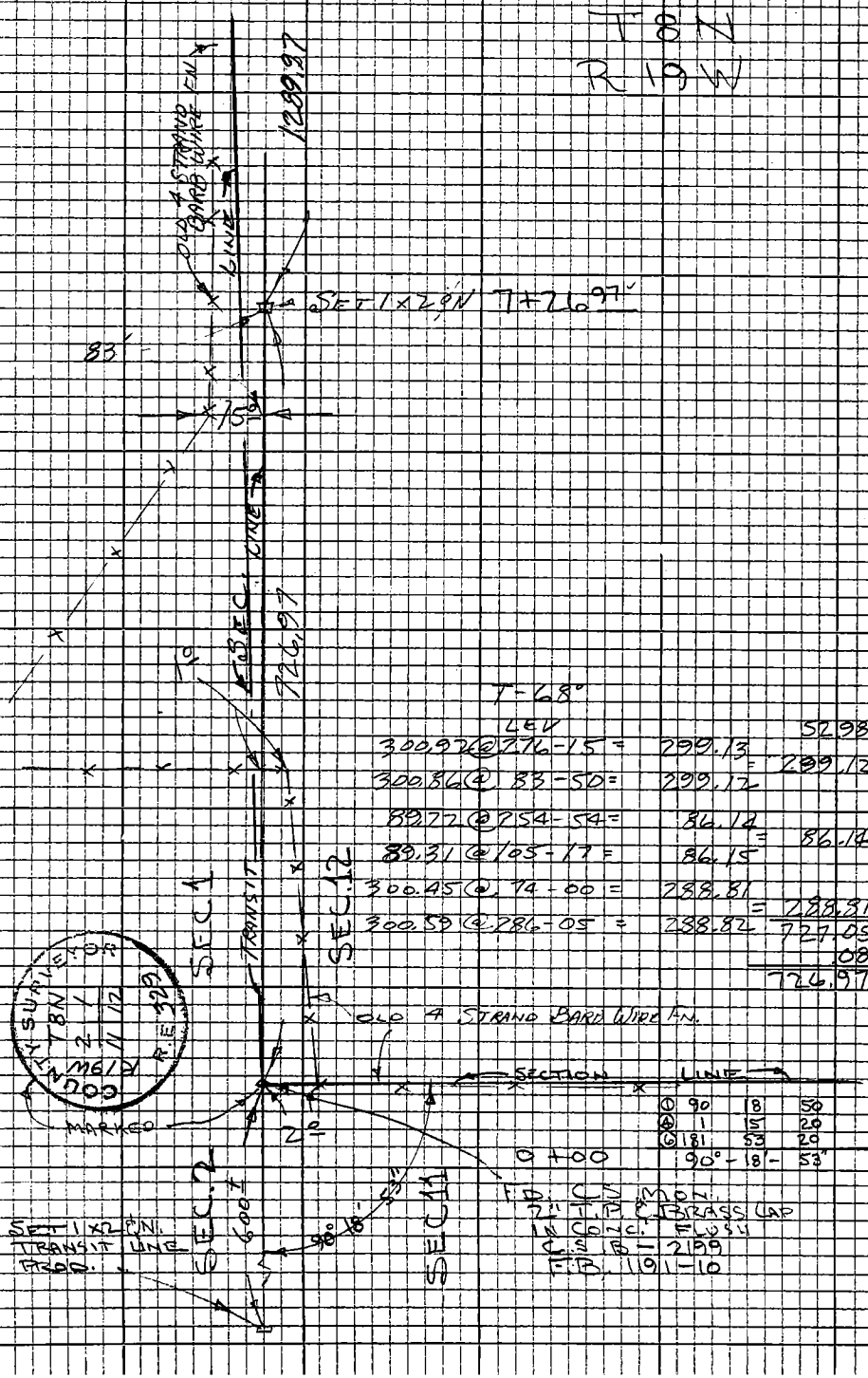
7623098 CE #310 8-66

F.B. 3902 Pg. 208

CONT. BOT PG. 209

T8N
R19W



T-68°

	LEV		52.98
300.92 @ 276-15 =	299.13	=	299.12
300.86 @ 83-50 =	299.12		
89.72 @ 254-54 =	86.14	=	86.14
89.31 @ 105-17 =	86.15		
300.45 @ 74-00 =	288.81	=	288.81
300.59 @ 286-05 =	288.82		727.05
			.08
			726.97

①	90	18	50
④	1	15	20
⑥	181	53	20
	90°	18'	53"

F.D. C.S. MON.
2" T.P. & BRASS CAP
IN CONC. FLUSH
C.S. B-2199
F.B. 1191-10

COUNTY SURVEYOR
T8N
R19W
2 1
11 12
R.E. 329

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Notes Ck'd by	Survey of SEC. LINES	F.B. 3902 Pg. 209
Map No.	JN 030201 Tape 193 Std 84 °F	
Office Work	Surveyed by C. L. WRIGHT	
Checked	Notes C. L. W. Date 26-APR-68	T8N R19W
Date	Indexed [illegible] APR 19 '68	

W.S.17 A-1

CONT. BOT. PG. 210

SET BY PROPORTION 1/2 DIST. ON LINE BETWEEN NW & NE CORS. OF SEC 12

1/4 COR

SET 2" I.P. & BRASS CAP IN CONC. UP 4" MARKED

MONUMENT SET 1-5-70

COUNTY ENGINEER R19W T8N SEC. 1 SEC. 12 1/4 COR. R.E. 5869

25+87.98

FENCE

LEV 42.68

42.68

437.86

FD 3/4" I.P. NO PLUG NO REF. UP 15"

50.27

SET 1x2-25+45.39 ℄ N

86° 47' 40"

① 86 47 40
② 173 35 20
86° 47' 40"

T-66°

LEV

165.66 @ 94-41 = 165.11 = 142.10
165.62 @ 265-28 = 165.10 = 165.10
132.10 @ 98-20 = 130.71 = 130.71
132.02 @ 261-55 = 130.71 = 437.91
.05
437.86

T-64°

300.45 @ 268-07 = 300.29 = 300.28
300.46 @ 92-01 = 300.27 = 65.87
LEV 80.61
44.44
37.23
528.43
.07
528.36

528.36

SEC. 1

SEC. 12

SEC. LINE

TRANSIT LINE

SET 1x2 ℄ N 20+16.94

BARB WIRE

OLD 4 STRAND

T-68°

LEV

300.23 @ 277-30 = 297.66 = 1.77
300.20 @ 82-36 = 297.70 = 297.68
257.38 @ 262-55 = 255.42 = 255.42
257.40 @ 97-07 = 255.42
300.30 @ 272-05 = 300.10 = 300.12
300.36 @ 87-49 = 300.12
135.88 @ 263-53 = 135.11 = 135.11
135.97 @ 96-28 = 135.11 = 300.00
LEV 1290.10
.13
1289.97

SEC. 1

SEC. 12

1289.97

CONT. TO PG. 208

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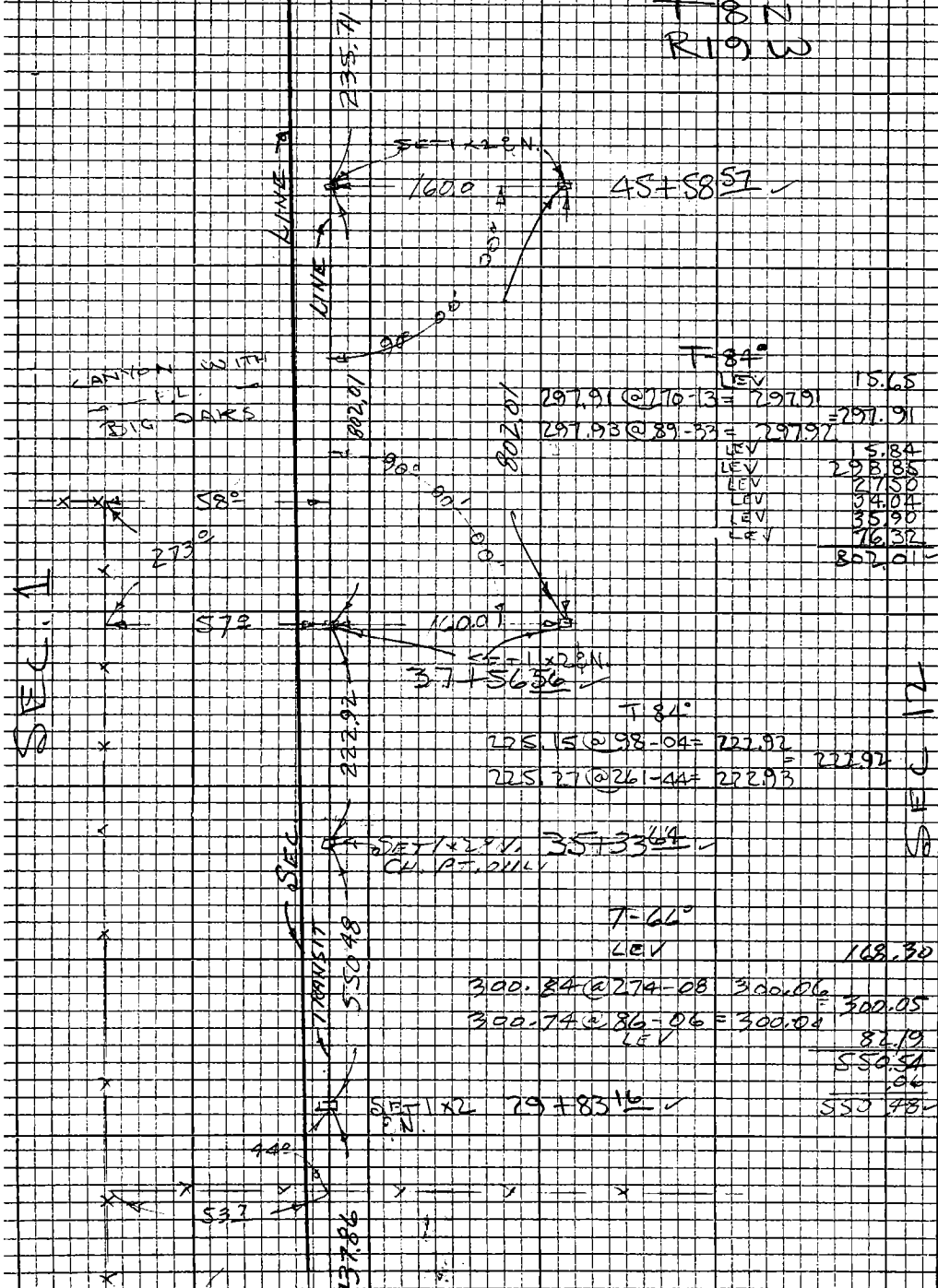
76P3093 CE #310 5-66

F.B. 3902 PG. 210

CONT. BOT. PG. 211

T 8 N
R 19 W



T-84°
LEV 15.65
297.91 @ 270-13 = 297.91
297.93 @ 89-33 = 297.92 = 297.91
LEV 15.84
LEV 298.85
LEV 27.50
LEV 34.04
LEV 35.90
LEV 76.32
802.01

T 84°
225.15 @ 98-04 = 222.92
225.27 @ 261-44 = 222.93 = 222.92

T-66°
LEV 168.30
300.84 @ 274-08 300.06
300.74 @ 86-06 = 300.04 = 300.05
LEV 82.19
550.54
.06
550.48

CONT. TO PG. 209

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Notes Ck'd by	Survey of SEC LINES
Map No.	JN030201 Tape 193 Std 84°F
Office Work	Surveyed by C.L. WRIGHT
Checked	Notes C.L.W. Date APR. 68
Date	Indexed R.J. GAITT APR 19 '68

F.B. 3902 Pg 211

T 8 N
R 19 W

W.S. 17-4-1

MARKED

FD. C.S. MON.
A 2" I.P. & BRASS CAP
SET IN CONC.
C.S. B 711-3

COUNTY SURVEYOR'S MONUMENT
T 8 N
R 19 W
SEC. COR.
R 18 W

END OF SURVEY

6 7

0.10

51+75.95 ✓

1 12

SEC 1

SEC. 12

LINE

152.40

T-84°

156.66 @ 256-36 = 152.40 = 152.40

156.52 @ 103-10 = 152.41

50+23.55 ✓

SET 1 x 2 & N

T-84°

199.25 @ 101.03 = 195.56

199.17 @ 259-04 = 195.55 = 195.56

SEC LINE

195.56

48+27.99 ✓

SET 1 x 2 & N

T 84°
LEV 33.71

33.71

SET 1 x 2 & N.
47+94.28 ✓

T-84°

LEV. 180.36
LEV. 55.35
235.71 ✓

TRANSIT

235.71

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76P3095 CE #310 5-66

CONT. TOP Pg. 210

Notes Ck'd by	Survey of WAYSIDE HONOR RO.
Map No.	JN 8589.01 Tape 011 Std 68 °F
Office Work	Surveyed by M.R. NEVAREZ
Checked	Notes M.R. NEVAREZ Date APR '71
Date	Indexed O.J. GAELI APR 19 71

F.B. 3902 PG. 213

OCATION OF JUNCTION CHAMBER

FRONTAGE ROAD
OF WAYSIDE HONOR RANCHO

J.N. 8589.01

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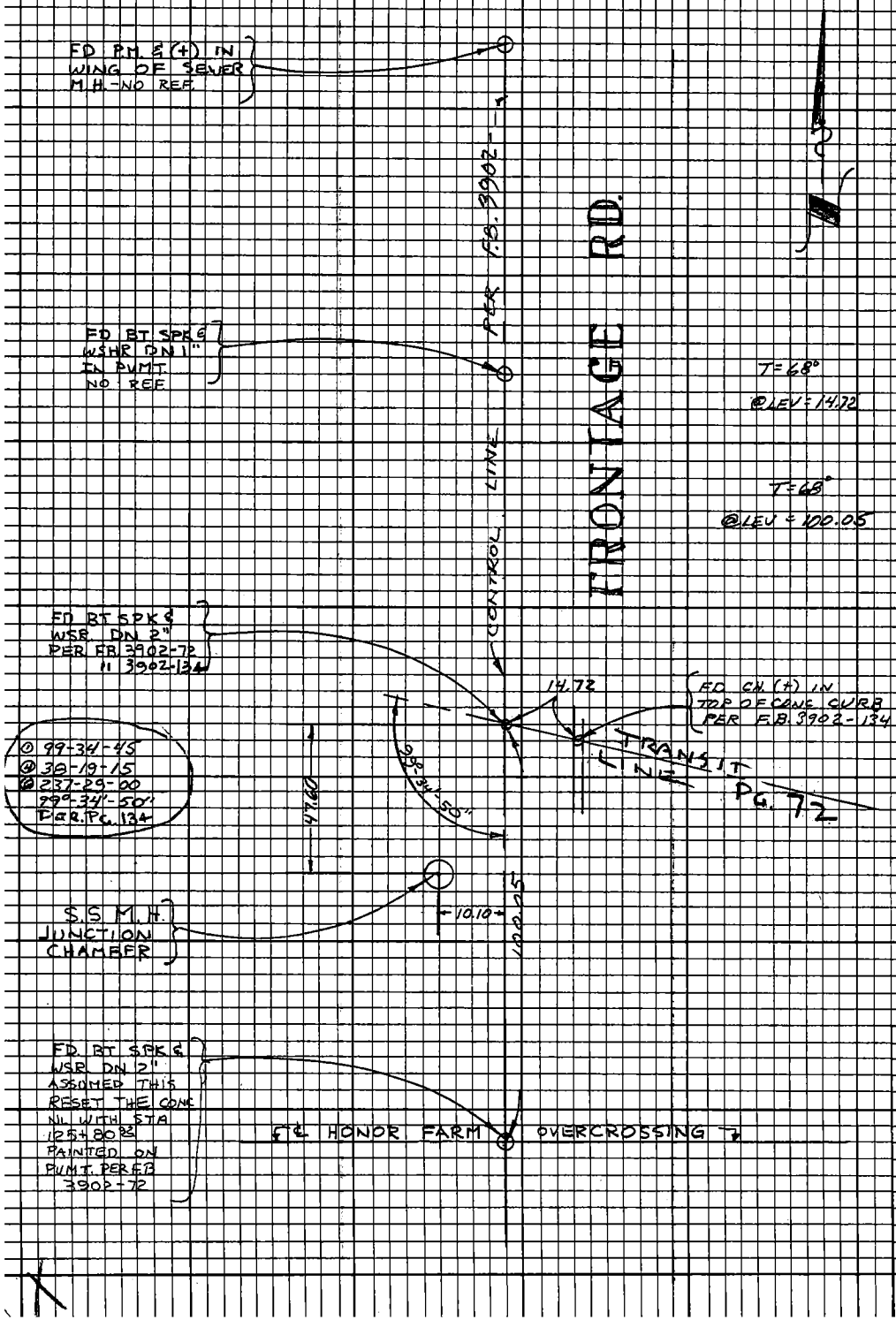
76F3098 CE#310 9-67

F.B. 3902 PG 214



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76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
		WAYSIDE HONOR RANCHO - ON SITE SEWER. J.N. 8589.01			
BM 205-12A				1037 ~~872~~ .458	THE FRONTAGE ROAD, WEST SIDE OF INTERSTATE 5, 2.9 MILES SOUTH OF THE PARKER ROAD OVERCROSSING AT CASTAIC, ABOUT 300' NORTHWEST OF THE WAYSIDE HONOR RANCHO OVERCROSSING, 22 FEET WESTERLY OF THE CENTER OF BRIDGE #53-09-1931 AT THE SOUTHWEST CORNER OF THE SOUTH ABUTMENT. FD A USC&GS BRONZE DISC STAMPED M-52, 1926, RESET 967 PER F.B. 3902-97
	1 585	1039 ~~457~~ .043			
T.P.			6 990	1032 ~~467~~ .053	Field Adj. Elev. see F.B. 3902-73-A. & 97 1037.458
	2 864	1035 ~~331~~ 4.917			
T.P.			6 629	1028 ~~702~~ .288	
	6 755	1035 ~~457~~ .043			
			20 65	1014 ~~81~~ .39	INVERT ELEV. OF ELV 15" STUB OF JUNCTION CHAMBER
T.P.			2 300	1033 ~~157~~ 2.743	
	7 395	1040 ~~552~~ .138			
B.M. 205-12A			2 675	1037 ~~877~~ .463	SEE 9 LINES ABOVE.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8589.01 Division No. ____ F.B. 3902 PG. 215
X-Sec. No. ____ Date ____ Date ____ Survey of WAYSIDE HONOR RANCHO - ON SITE SEWER
Notes Chk'd. Sappell Checked ____ Survey by NEVAREZ Notes MRN Date APR 1971
Date 4-30-71 Date ____ Map No. ____ Indexed R.L. GALLI Date APR 19 '71

F. B. 5402 PG 217

Profile No.	Notes Red	Plotted	Job No. 0504.00	Division No.	
	Date	Date	Survey of Gorman Sewer		
X-Sec. No.	Notes Chk'd.	Checked	Survey by Voge	Notes Voge	Date 5/24/73
	Date	Date	Map No.	Indexed G. D. BAILEY	Date JUN 25 1973

PRELIMINARY SURVEY OF
GORMAN SEWER

See pgs. 223 - 246
for final prelimanary
Survey of this Line.

Party: Voge
Albright
Sidwell
Hill

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	LENKER ROD USED
BM G-52				3675 81	BM G-52 Elev=3675.810 FB 3902-30
3+80				3684 02	SEE FB 3902-16 for Location
2+80				3683 62	
1+00				3691 40	Top of water on lake
1+65				3683 73	
5+15				3673 40	
7+25				3667 9	
9+30				3666 6	
11+30				3675 53	
T.P.				3682 89	
13+80				3685 93	
14+95				3678 80	
TP				3670 30	
TP				3661 67	
17+95				3655 58	
TP				3653 26	
20+45				3645 55	
22+30				3645 21	
23+85				3643 33	
TP				3638 55	
TP				3629 73	

F. B. 3902 PG. 218

Job No. 0504.00 Division No. Notes Red Date 5/24/73 Plotted Date No. Profile

Survey of Garmer Sewer Notes Chk'd. Checked Date No. X-Sec.

Survey by Vogel Notes Date

Indexed G. D. BAILEY Date

F. B. 3902 PG. 279

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0504.00 Division No. ____

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey of GORMAN SEWER

Survey by VOGE Notes VOGE & CLW. Date 5-24-73

Map No. ____ Indexed ____ Date ____

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LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.
TP				362978
25+45				362279
25+87				362210
TBM #1				362094

TBM #1
SET CH. □ IN CONC. H.W. ON W. SIDE
OF SERVICE ROAD, 1' S. OF N. END

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
G-52				3675 81	BMG-52 EL = 3675.81 FB 3902-30
T.P.				80 40	
T.P.				87. 10	
G-49				3700 46	G-49 EL = 3700.46 FB 3902-41
T.P.				94 12	
G-53				3693 01	G-53 EL = 3690.32 FB 3902-42
					MISSED ELEV. OF G-53 BY 2.69' - DUG DN. & FOUND OLD 1X2 GOOD DIST. & LINE. CHECKED FOR ELEV. & FD. IT TO BE GOOD.
OLD G-53				3690 32	
					SET NEW 1X2 ON SURFACE
NEW G-53				3693 08	
T.P.				88 20	
T.P.				80 12	
G-52				3675 81	BMG-52 EL = 3675.81 FB 3902-30

F. B. 3902 PG. 220 Job No. 05400 Division No. Notes Red Plotted Profile
Survey of GORMAN SEWER Date Date No.
Survey by VOGE Notes VOGE Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
TBM	10.63	3631.57		3620.94	TBM
			0.89		
TP	11.37	3642.05		3630.68	
			0.36		
TP	8.36	3650.05		3641.69	
			4.50		
TP	11.88	3657.43		3645.55	20+45 FLAT
			1.87		
T.P	11.71	3667.27		3655.56	[illegible]
			0.27		
T.P.	11.41	3678.41		3667.00	
			0.78		
T.P.	11.19	3688.82		3677.63	
			6.46		
T.P	0.75	3683.11		3682.36	
			11.56		
T.P.	5.99	3677.54		3671.55	
			11.03		
T.P.	12.27	3678.78		3666.51	9+30 [illegible]
			9.50		
T.P.				3669.28	

Profile Notes Red ____ Plotted ____ Job No. 0504.00 Division No. ____
No. ____ Date ____ Date ____ Survey of Norman Sewer
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Voge Notes Voge Date 5/24/73
No. ____ Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date JUN 25 1973

F.B. 5902 PG. 221

F. B. 3902 PG. 226

Job No. 0504.00 Division No. _____ Notes Red / Plotted _____ Profile

Survey of Garmen SEWER Date 5/24/73 Date _____ No. _____

Survey by Voge Notes Voge Notes Chk'd. _____ Checked _____ X-Sec.

Indexed G. D. BAILEY Date _____ Date _____ Date _____ No. _____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.
T.P.	12.12	3681.40		3669.28
B.M			5.62	3675.78

BM1 G-52 E/ov = 3675.810 FB3902-30

Notes Ck'd by	Survey of GORMAN SEWER
Map No.	JN0504.00 Tape 194 Std 84 °F
Office Work	Surveyed by KING
Checked	Notes KK Date 6-13-73
Date	Indexed G.D. BAILEY JUN 25 1973

F. B. 3902 PG. 223

J.N. 050400

PRELIMINARY CENTER LINE

SURVEY OF

GORMAN SEWERS

PARTY

KING
TALBOT
HILL
ADAMS
SIDWELL

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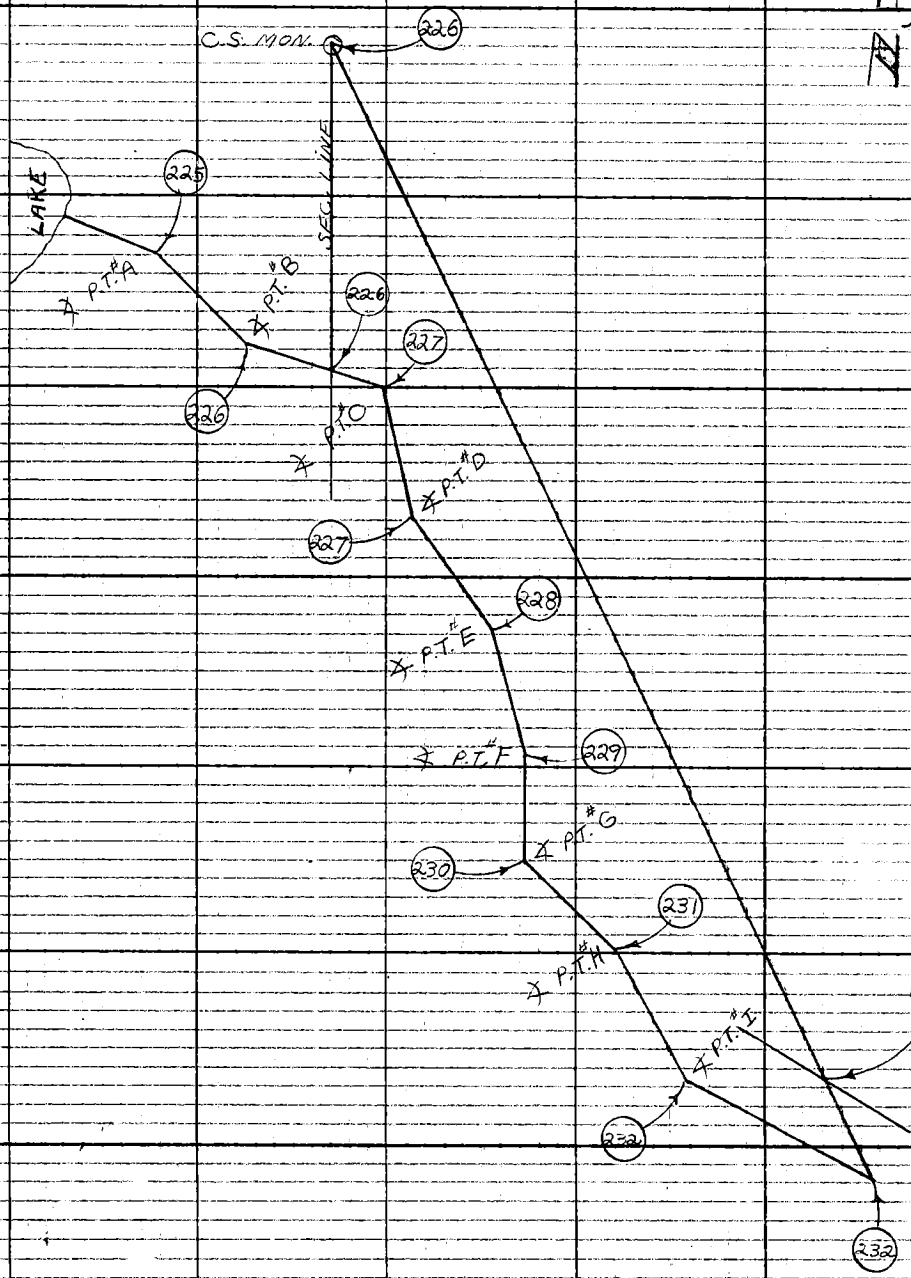
70F3095 CE#310 3-69

F.B. 3902 Pg. 224



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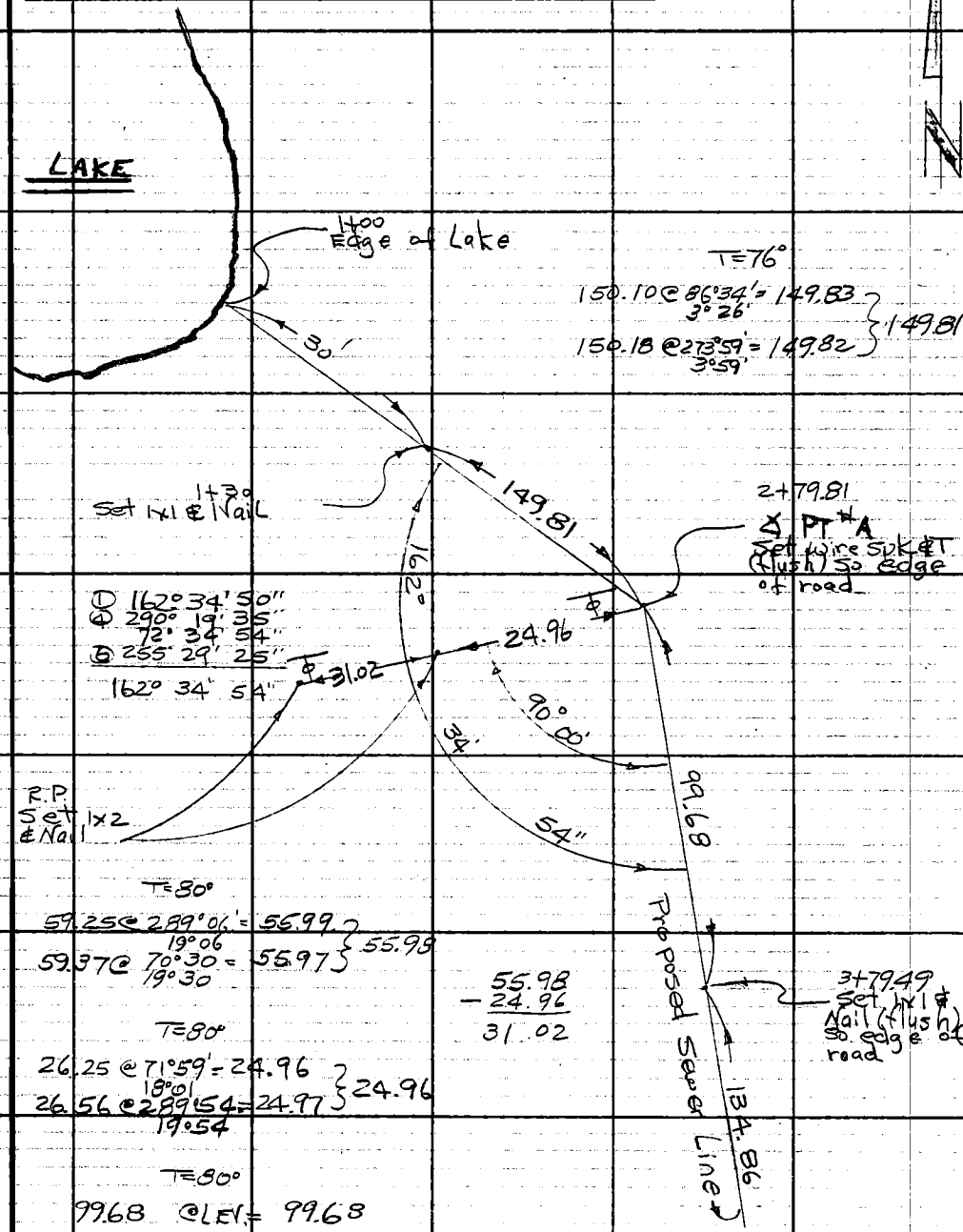
Notes Ck'd by	Survey of Gorman Sewer
Map No.	JN 0509.00 Tape 194 Std 84 °F
Office Work	Surveyed by King
Checked	Notes Yoge Date 6/12/73
Date	Index G. D. BAILEY JUN 25 1973

F. B. 3902 PG. 225



TO TOP PG. 226

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76F309S CE#310 3-69

F. B. 3902 PG. 22.6

1/4 COR.
Fd. a Co. Sur.
mon. per FB
3902-18

COUNTY SURVEYOR'S MONUMENT
T. 8. N
R 19 W
SEC. 12
SEC. 7
R 18 W
1/4 COR

T=82°

135.07 @ 86°52' = 134.87
3.08
135.01 @ 272°41' = 134.86
2°41
} 134.86

To bot pg. 225

1) 36-36-10
4) 146-24-4
36-36-10
6) 219-37-00
AVG) 36-36-10

① 164° 21' 10"
④ 297° 26' 00"
74° 21' 30"
⑥ 266° 09' 15"
164° 21' 32"

① 81° 35' 55"
④ 326° 24' 00"
81° 36' 00"
⑥ 129° 35' 55"
81° 35' 59"

1333.65

3079.18

SEC LINE

To Top pg 232

36° 36' 10"

Proposed Sewer Line

134.86

164° 21' 32"

H.G.	T.P.	V. ANGLE	SLOPE	HORIZ
26.70	70.35	8° 17' 00"	311.64	3079.18
26.70	70.35	16° 46' 20"	1392.90	1333.65

H.P. # 2

90° 00'

81° 35' 59"

6+24.62

Set bt. spk W & T, dn. 1" by int.

110.27

63.13

5+14.35
4 Pt B
Set 1x1 & Nail (flush) so. edge of road

99.75

22

23.67

RP
Set 1x2 & Nail

86.80
− 63.13
23.67

T=84°

22.94 @ LEV = 22.94
110.27 @ LEV = 110.27

22.94

To Top L. of Pg.

T=84°

89.30 @ 76°23' = 86.79
13°37
89.43 @ 283°54' = 86.81
13°54'
} 86.80

Fd Co Engr.
mon. (B.M.)
per FB 3902-16

T=84°

63.62 @ 277°05' = 63.14
7°05
63.70 @ 82°15' = 63.12
7°45'
} 63.13

COUNTY ENGINEER
BM
G-52
RE 5869

COUNTY SURVEYOR'S MONUMENT
T. 8. N
R 19 W
R 18 W
12 | 7
13 | 18
SEC. COR.

SEC COR
Fd. C.S.
mon. per
FB 3902-17

1213.68
Per FB 3902
16 & 17

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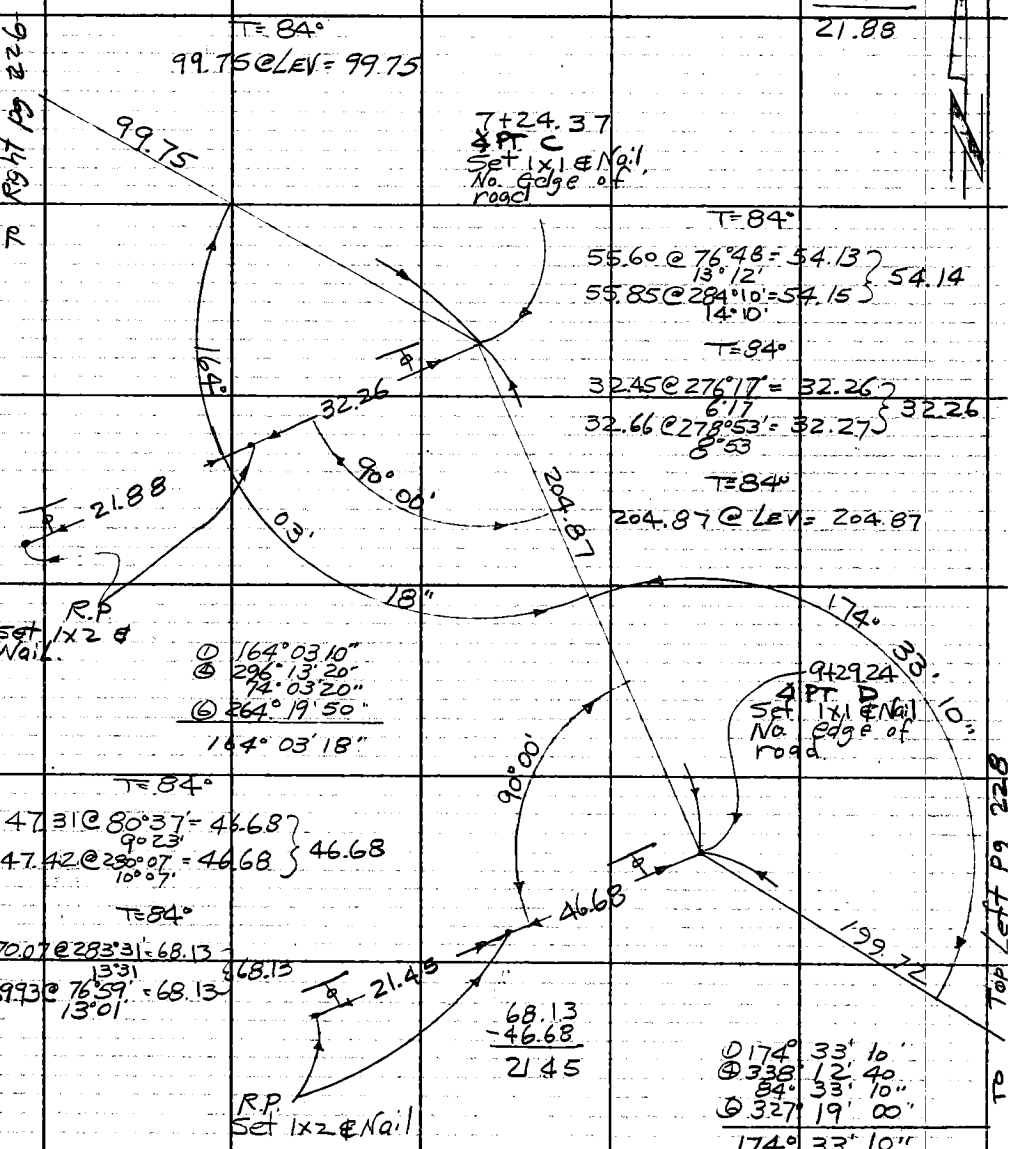
Notes Ck'd by	Survey of Gorman Sewer
Map No.	JN 0504.00 Tape 194 Std 84 °F
Office Work	Surveyed by King
Checked	Notes Voge Date 6/12/73
Date	Indexed G. D. BAILEY JUN 25 1973

F. B. 3902 PG. 227

54.14
− 32.26
21.88



T=84°

55.60 @ 76°48' = 54.13 } 54.14
13°12'
55.85 @ 284°10' = 54.15
14°10'

T=84°

32.45 @ 276°17' = 32.26 } 32.26
6°17'
32.66 @ 278°53' = 32.27
8°53

T=84°

204.87 @ LEV = 204.87

① 164° 03' 10"
④ 296° 13' 20"
74° 03' 20"
⑥ 264° 19' 50"
164° 03' 18"

T=84°

47.31 @ 80°37' = 46.68 } 46.68
9°23'
47.42 @ 280°07' = 46.68
10°07'

T=84°

70.07 @ 283°31' = 68.13 } 68.13
13°31'
69.93 @ 76°59' = 68.13
13°01'

68.13
− 46.68
21.45

① 174° 33' 10"
④ 338° 12' 40"
84° 33' 10"
⑥ 327° 19' 00"
174° 33' 10"

200.06 @ 93°17' = 199.73 } 199.73
3°17'
200.13 @ 266°23'
3°37' = 199.73

T = 24° = 199.72

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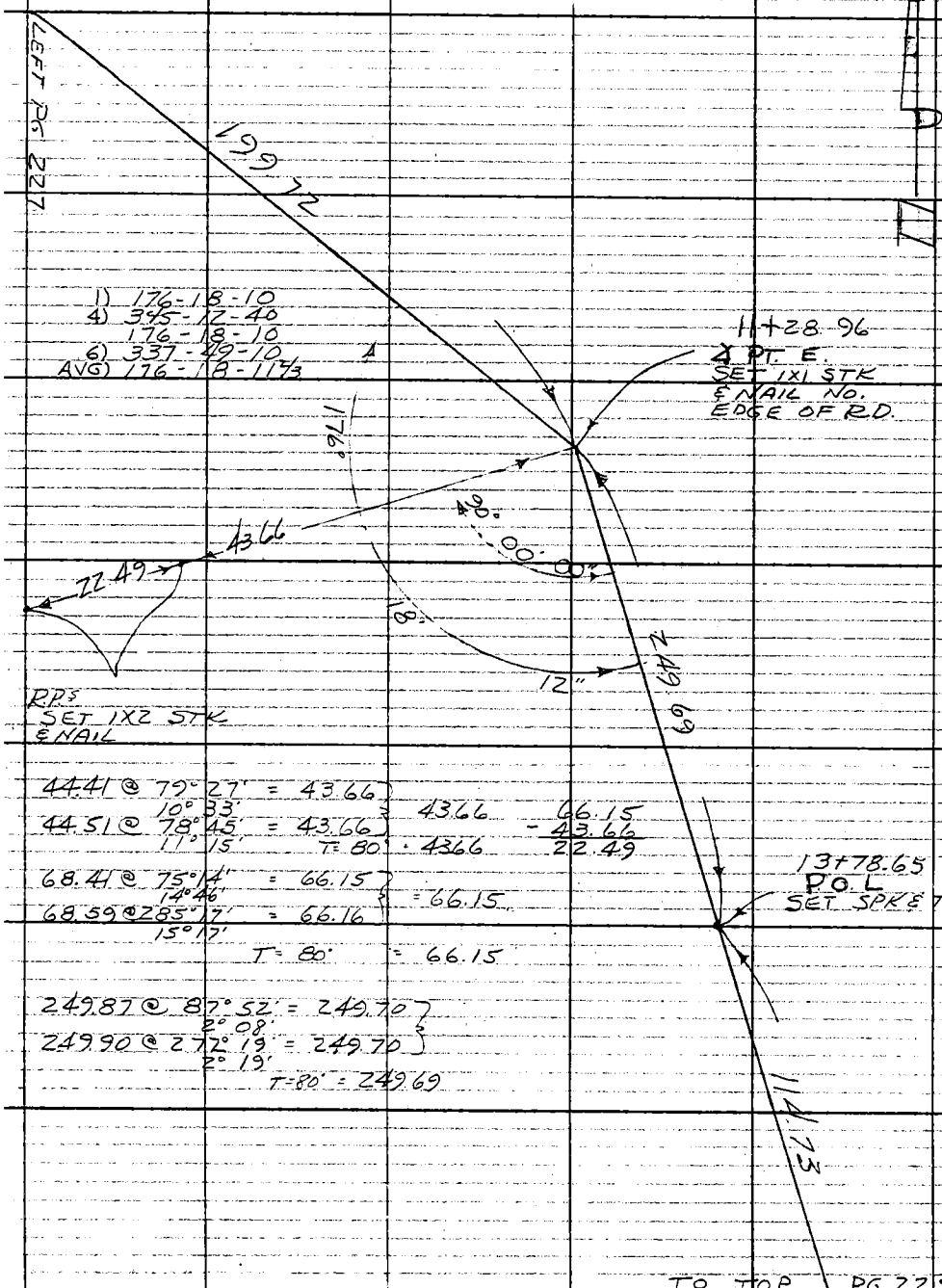
F. B. 3902 PG. 228

TO BOT LEFT PG 227



44.41 @ 79° 27' = 43.66
10° 33'
44.51 @ 78° 45' = 43.66
11° 15'
T = 80°

43.66 − 66.15
43.66
22.49

68.41 @ 75° 14' = 66.15
14° 46'
68.59 @ 285° 17' = 66.16
15° 17'
T = 80° = 66.15

249.87 @ 87° 52' = 249.70
2° 08'
249.90 @ 272° 19' = 249.70
2° 19'
T = 80° = 249.69

TO TOP PG 229

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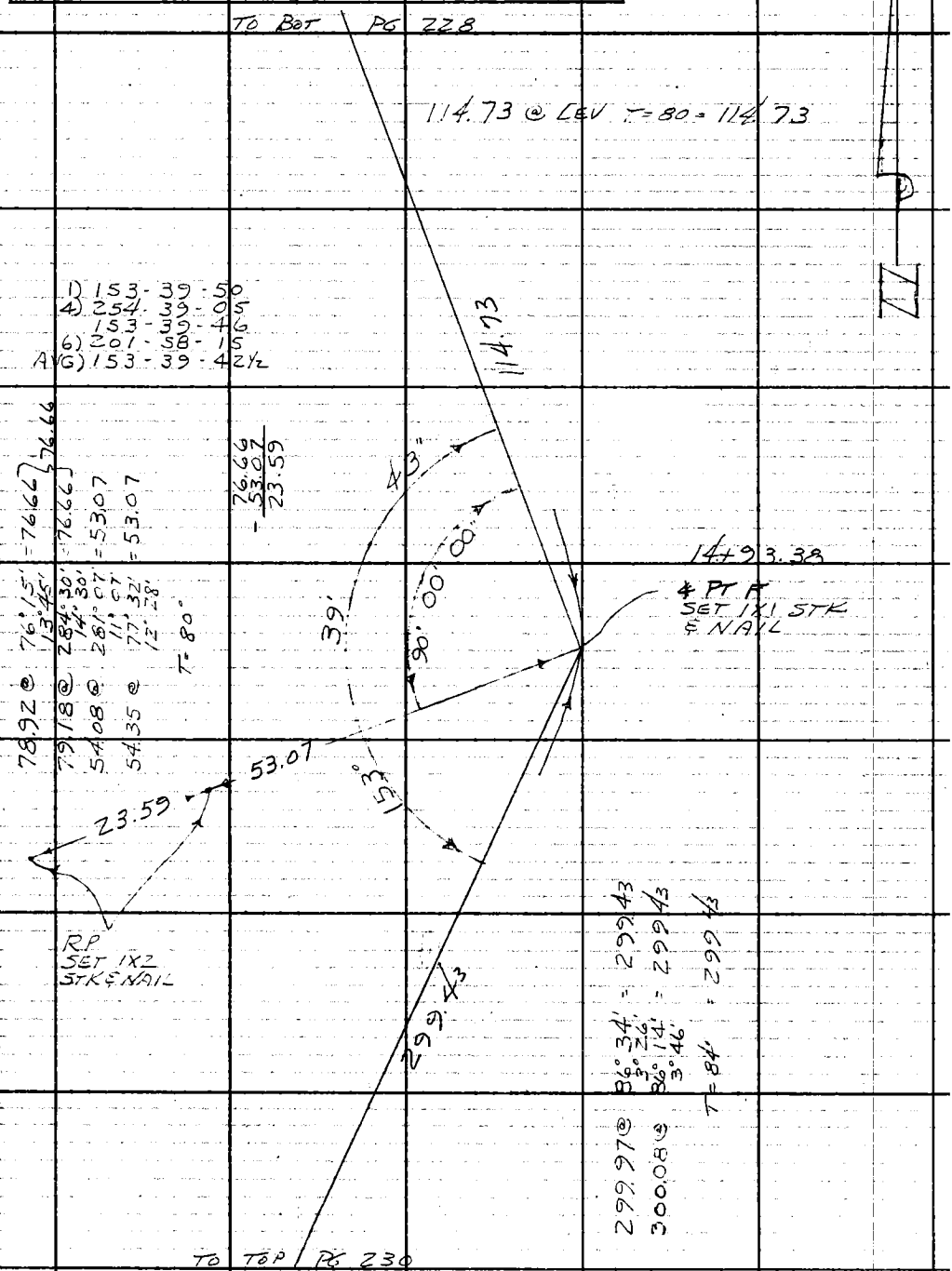
Notes Ck'd by	Survey of GORMAN SEWER	F. B. 3902 PG. 229
Map No.	JN 0504.00 Tape 194 Std 84° °F	
Office Work	Surveyed by KING	
Checked	Notes KK Date 6/13/73	
Date	Indexed G. D. BAILEY JUN 25 1973	



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76F309S CE#310 3-69

F. B. 3902 PG. 230

TO BOT PG 229

1) 166 - 30 - 10
4) 306 - 00 - 30
166 - 30 - 07½
6) 279 - 00 - 40
AVG) 166 - 30 - 06⅔

299.43

48.26 @ LEV T84° = 48.26

73.27 @ 82°08'
7°52' = 72.58
73.45 @ 278°52' = 72.57
T = 84

72.58
48.26
24.32

166°

30

17+92.81
PT G
SET 1X2
STK & NAIL

90°00'00"

48.26

24.32

07"

RP
SET 1X2 STK
& NAIL

435.01

257.28 @ 92° 23' = 257.06
2° 23'
257.29 @ 267° 41' = 257.08
2° 19'
} 257.07

T=84

177.94 @ LEV T=84 = 177.94

435.01

TO TOP PG 231

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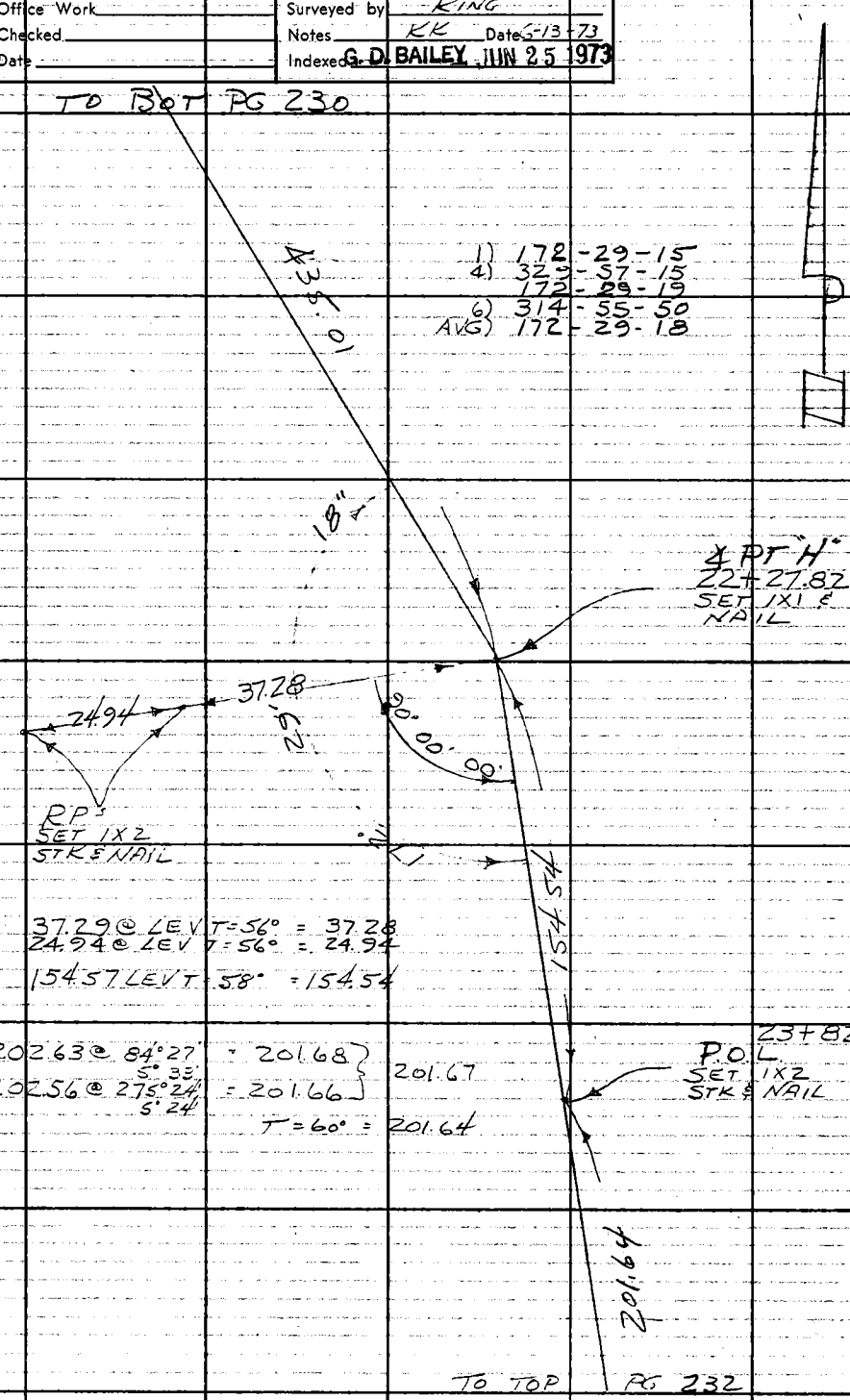
Notes Ck'd by	Survey of GORMAN SEWER
Map No.	JN 0504.00 Tape 194 Std 84 °E
Office Work	Surveyed by KING
Checked	Notes KK Date 6-13-73
Date	Indexed G. D. BAILEY JUN 25 1973

F. B. 3902 PG. 231

TO BOT PG 230



TO TOP PG 232

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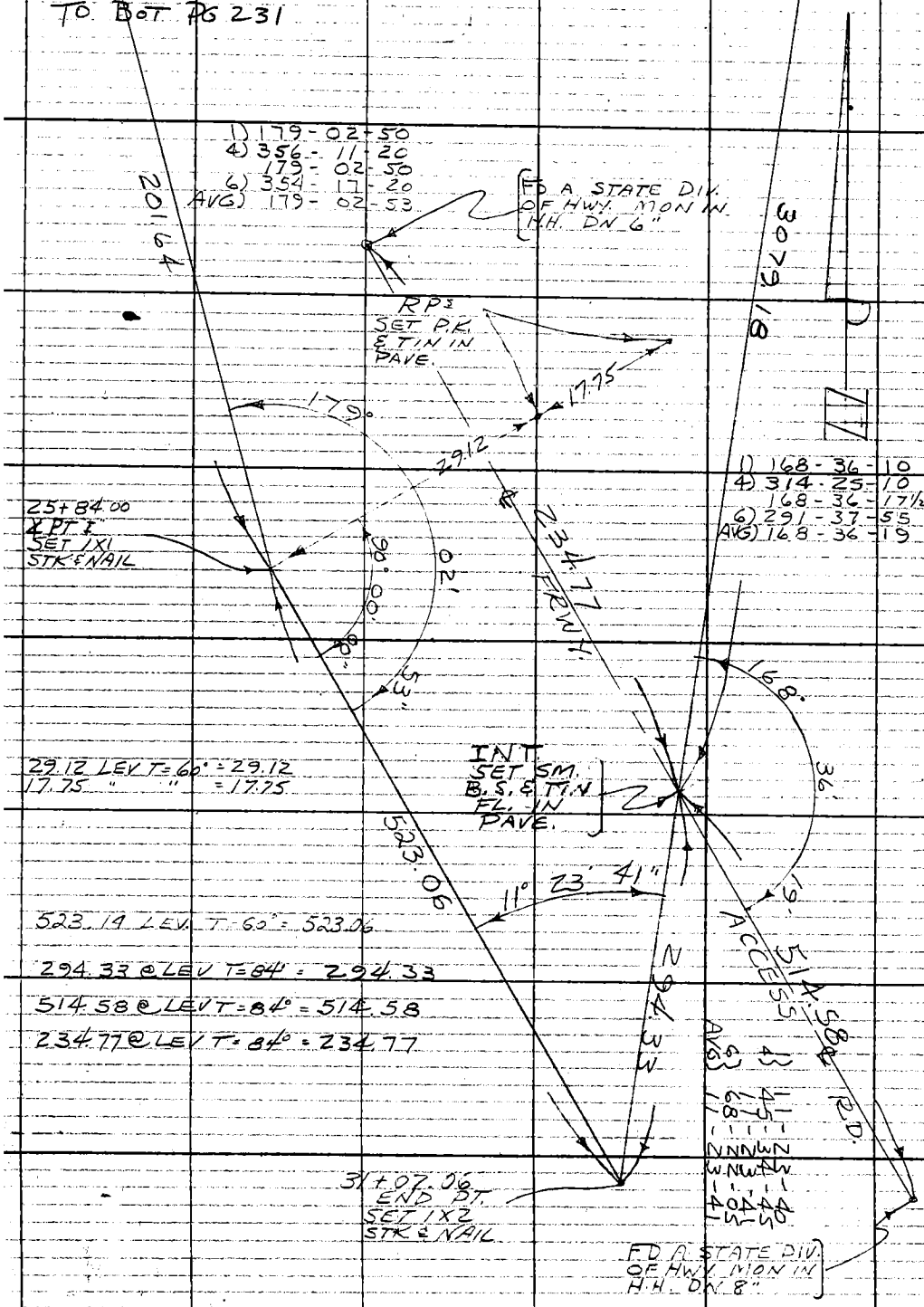
10F3095 CE#310 3-69

F.B. 3902 PG. 232

TO BOT PG 231

TO RT. TOP PG 226



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F.B. 3902 PG. 233

Profile No. | Notes Red | Plotted | Job No. 050400 | Division No.
Date | Date | Survey of GORMAN SEWERS
X-Sec. No. | Notes Chk'd. | Checked | Survey by KING | Notes KK | Date 6-15-73
Date | Date | Map No. | Indexed G. D. BAILEY | Date JUN 25 1973

JN 050400

X SECTIONS ON
GORMAN SEWERS
FROM 1+00 TO END
OF LINE

PARTY
KING
ADAMS
TALBOT
HILL
SIDWELL

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

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76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM G-52				3675 81	BM G-52 EL = 3675 81 F.B. 3902-43 FD A C.E. MON - 2" I.P. & BRASS CAP SET IN CONC	
1 + 00				91 65		℄ WATER LEVEL
1 + 15				95 28		℄ TOP BANK
				96 61		15'R "
				94 58	10'L TOP BANK	
1 + 23					4 STRAND WIRE FENCE NTH. DIRECT.	
1 + 30				94 75		℄ TOP BANK
				95 4		10'R TOP "
				93 5	10'L TOP BANK	
1+50				87 33		℄ SIDE HILL
				96 6		25'R TOP BNK
				83 7	12.5'L BOT BANK	
1 +65				83 7		℄ BOT BANK
1+72				82 3	19'L TOP BANK W. END 10' HOLE	
1+77				78 9	19'L CTR BOT HOLE	
1+82				81 5	19'L TOP BANK E. END 10' HOLE	
2+00				84 04		℄ SIDE HILL
				85 6		10'R " "
				82 2	10'L SIDE HILL	
2+50				83 84		℄ SIDE HILL

F. B. 3902 PG. 234 Job No. 050400 Division No. Notes Red Plotted Profile
Survey of GORMAN SEWERS Date Date No.
Survey by KING Notes K.K. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date JUN 25 1973 Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
2+50				3685 9		10'R SIDE HILL
				82 2	5'L SO. ED. RD BOT HILL	
				82 1	15'L NO. ED. RD.	
2+63				82 9		℄ INT W/SO. ED RD.
A 2+79.81				83 55		℄
				83 8		2'R SO. ED. RD.
				83 6	8.5'L NO. ED. RD.	
+ 00				84 10		℄
				84 2		2.5'R S. ED RD
				84 2	8'L N ED. RD.	
3+50				84 39		℄
				84 4		2'R S. ED. RD.
				84 5	7'L N ED RD	
3+79.49	GR. BRK			84.03		℄ SO. ED. RD.
				84 2	8'L N ED RD.	
4+00				83 10		℄ SO ED. RD.
				83 2	8.5'L N. ED. RD.	
4+50				79 04		℄
				79 3		3.5'R SO. ED. RD.
				79 0	7.3'L N. ED. RD. TOP BRK	
				71 3	19'L SO. ED. MAIN RD BOT BRK	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 05.14.00 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of GORMAN SEWERS
Notes Chk'd. ____ Checked ____ Survey by KING Notes K.K. Date 6-15-73
Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date JUN 25 1973

F.B. 3902 Pg. 235

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
4+50				3670	8	35.3' L NO ED MAIN RD.
5+00				76	71	℄
				74	33	N. EDGE RD ℄
				74	10	8' SO EDGE RD
				73	1	10.5' L SO ED MAIN RD.
				72	6	25' L NO ED MAIN RD.
∡ B 5+14.35				73	37	℄ INT SO. ED. MAIN RD. NO. ED. OLD RD
				73	4	8.5' R S. ED OLD RD
				72	5	23' L N. ED. NEW RD.
5+50				71	86	℄
				71	5	14' R S. ED RD.
				71	5	11' R N. ED. RD.
6+00				70	41	℄
				70	5	14' R S. ED RD.
				70	4	5' L N. ED. RD.
6+50				69	45	℄
				69	4	11' R SO. ED RD.
				69	6	7.5' L N ED RD
7+00				68	23	℄
				67	7	12' R S ED RD
				68	4	5.5' L N ED. RD.

F. B. 3102 PG. 236 Job No. 0504.00 Division No. Notes Red Plotted Profile
Survey of GORMAN SEWERS Date Date No.
Survey by KING Notes KING Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date JUN 25 1973 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.		
4"C" 7+24.37				3667 90		℄
				67 7		15'R S. ED. RD
				67 9	3'L N. ED. RD.	
7+50				67 48		℄
				67 4		11'R S. ED. RD.
				67 5	5.5'L N. ED RD.	
8+00				67 27		℄
				67 3		10.4'R S. ED. RD.
				67 4	6.5'L N ED RD.	
8+50				67 17		℄
				67 2		13.8'R S. ED RD
				67 1	5.5'L N ED RD	
				66 83		℄
				66 9		19'R S. ED RD
				66 8	1'L N ED RD	
D 9+29.24				66 55		℄
				66 7		18.5'R S. ED RD.
				66 6	3'L N ED RD	
9+50				66 80		℄
				67 2		18'R S. ED RD.
				66 8	3'L N ED RD	

Profile Notes Red ____ Plotted ____ Job No. 0504.00 Division No. ____
No. ____ Date ____ Date ____ Survey of GORMAN SEWERS
X-Sec. Notes Chk'd. ____ Checked ____ Survey by KING Notes K.K Date 5-15-73
No. ____ Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date JUN 25 1973

F. B. 3902 Pg. 237

76-L-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.

8.37

Do not extend notes this side of this line.

F. B. 3902 PG. 238 | Job No. 2504.00 Division No. | Notes Red | Plotted | Profile
Survey of GORMAN SEWERS | Date | Date | No.
Survey by KING Notes KING | Notes Chk'd. | Checked | X-Sec.
Indexed G. D. BAILEY Date JUN 25 1973 | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
10+00				68 34		℄
				68 3		14.5' R S. ED. RD
				68 3	5.5' L N ED RD.	
10+50				70 66		℄
				70 6		13.5' R S. ED RD
				70 7	6' L N ED RD.	
11+00				73 64		℄
				73 9		13.5' R S. ED RD
				73 5	5' L N ED RD	
4. E 11+28.96				75 53		℄
				75 8		15.5' R S. ED RD
				75 5	3' L N ED RD	
11+50				76 99		℄
				77 0		15' R S ED RD
				77 0	2' L N ED RD.	
12+00				80 25		℄
				80 3		15' R So. ED
				80 3	3' L N ED. RD.	
12+50				83 08		℄
				83 0		15.5' R So. ED RD
				83 7	5' L N ED RD	

76-L-298 CE 307 5-66

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70.17

STATION	B. S.	H. I.	F. S.	ELEV.		
13+00				84 95		℄ N ED RD
				84 8		15.5' R So. ED RD.
				86 2	5.5' L TOP BRK	
13+50				85 92		℄ N ED RD
				86 1		16' R So. ED RD.
				87.0	6.9' L TOP BRK	
14+00 GR BRK.				85 35		℄ N ED RD
				85 2		15.5' R S ED RD
				85 5	4.5' L TOP BRK	
14+50				82 67		℄ N ED RD TOP BRK
				82 1		16' R S ED RD
F 14+93.38				78 82		℄ N ED RD TOP BRK
				78 1		23' R S ED RD
15+00				78 26		℄ N ED RD
				77 4		23' R S ED RD
15+50				73 40		℄
				73 3		11' R So. ED RD.
				73 6	17.5' L N ED RD TOP BRK	
16+00				69 39		℄
				69 6		5' R So. ED RD
				69 9	23' L N ED RD TOP BRK	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0504/00 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of GORMAN SEWERS
Notes Chk'd. ____ Checked ____ Survey by KING Notes KK Date 6-15-73
Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date JUN 25 1973

F.B. 3902 Pg. 239

76-L-298 CE 307 5-66

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F. B. 3902 PG. 240 | Job No. 050400 | Division No. | Notes Red | Date | Plotted | Date | Profile No.
Survey of GORMAN SEWERS | Notes Chk'd. | Date | Checked | Date | X-Sec. No.
Survey by KING | Notes | Date JUN 25 1973
Indexed G. D. BAILEY

STATION	B. S.	H. I.	F. S.	ELEV.			2.04
16+50				65 16			℄
				65 2			45' R So. ED RD
				65 3	18.5' L	N ED RD	
17+00				61 04			℄
				61 0			12.5' R So ED RD
				60 9	8' L	N ED RD	
17+50				57 68			℄
				57 7			18' R So ED RD
				57 8	45' L	N ED RD	
4.6 17+92.81				55 58			℄ N. ED RD
				55 5			24' R S. ED RD.
18+00				55 3			℄ N ED RD
				55 4			24' R S. ED RD
18+50				54 93			℄
				55 2			16.5' R S. ED RD
				55 1	5' L	N ED RD.	
19+00				53 63			℄
				53 7			10' R S. ED RD
				53 4	13.5' L	N ED RD	
19+50				51 26			℄
				51 3			8.5' R S. ED RD.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
19+50				51 5	11.5' L N. ED RD	
20+00				47 93		℄
				47 7		16.5' R S ED RD
				47 9	3' L N ED RD	
20+50				45 40		℄
				45 1		21' R S ED RD
				45 4	4' L N ED RD	
21+00				44 95		℄
				45 2		9.5' R S ED RD
				44 8	14' L N ED RD	
21+50				44 58		℄
				45 1		5' R S ED RD
				45 0	21.5' L N ED RD	
22+00				44 89		℄
				45 1		10' R S. ED RD
				44 8	12' L N ED RD.	
.H 22+27.82				45 23		℄
				45 3		19.5' R S ED RD
				45 2	1' L N ED RD	
22+50				45 47		℄
				45 8		23.5' R S ED RD

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0504.00 Division No. ____

X-Sec. No. ____ Date ____ Date ____ Survey of GORMAN SEWERS

Notes Chk'd. ____ Checked ____ Survey by KING Notes KK Date 6-15-73

Date ____ Date ____ Map No. ____ Index G. D. BAILEY Date JUN 25 1973

F. B. 3902 Pg. 241

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
23+00 GR BRK				46 14		℄ N. ED RD
				46 4		20' R S ED RD
23+50				44 81		℄
				44 6		8.5' R N ED RD
				44 5		21' R S ED RD
24+00				42 10		℄
				40 5		11' R N ED RD
				40 3		25.5' R S ED RD
24+50				35 91		℄
				33 5		13.5' R N ED. RD
				33 2		26' R S ED. RD
25+00				27 56		℄
				26 0		16.5' R N ED RD
				26 2		29' R S ED RD
25+40					5 STRAND BARBED WIRE FENCE NTHLY DIRECT.	
25+50				22 68		℄
				22 7		17' R N ED RD
				22 7		29.5' R S ED RD.
					6' L GUY WIRE	
					17.5' L 5 STRAND WIRE FENCE EST. DIRECT.	
					18.2' L GUY POLE	

F. B. 3902 PG. 242 Job No. 0504.00 Division No. Notes Red Plotted Profile
Survey of GORMAN SEWERS Date Date No.
Survey by KING Notes KK Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date JUN 25 1973 Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	
25+52					17.5' L BARBED WIRE FENCE NTHLY DIRECT.
25+70.8					℄ W ED X RD.
					11.5 W. END CATTLE GUARD (6 FT WD)
F.I 25+84.00					℄ E ED X RD
					11.5 E. END CATTLE GUARD (6 FT WD)
25+92	W. END WASH				23' L S. ED. CONC. WASH
					29' L N. ED. " "
26+00				21 61	℄
				21 9	10' R FLAT
				20 8	21.8' L S. ED. CONC. WASH.
				19 8	26.2' L CTR WASH.
				20 7	30.5' L N ED CONC. WASH
26+50				21 31	℄
				21 7	10' R
				21 5	18.4' L TOP WASH S
				17 7	26.5' L BOT "
				21 1	34.5 TOP WASH N
27+00				21 36	℄
				22 0	10' R FLAT
				20 5	20.5' L TOP WASH S
				18 7	26.5' L CTR BOT WASH.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 050400 Division No. ____ F.B. 3902 Pg. 243
X-Sec. No. ____ Date ____ Date ____ Survey of GORMAN SEWERS
Notes Chk'd. ____ Checked ____ Survey by KING Notes KK Date 6-15-73
Date ____ Date ____ Map No. ____ Index G. D. BAILEY Date JUN 25 1973

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STATION	B. S.	H. I.	F. S.	ELEV.		
27+00				20 6	32'L TOP WASH N	
27+50				21 67	℄	
				21 7		10'R FLAT
				21 00	20⁴'L TOP WASH (S)	
				19 4	25⁹'L CTR WASH	
				21 00	31⁴'L TOP WASH (N)	
27+84	E END WASH			21 00	22⁶'L TOP WASH (S)	
				20 35	26⁴'L BOT CTR	
				21 00	29⁵'L TOP WASH (N)	
28+00				22 28	℄	
				22 8		10'R FLAT
				21 0	24⁵'L F/L	
28+50				22 78	℄	
				23 3		10'R FLAT
				21 5	25⁰'L F/L	
29+00				23 57	℄	
				23 9		10'R FLAT
				22 0	25⁵'L F/L	
29+50				23 62	℄	
				24 1		10'R FLAT
				22 2	26⁰'L F/L	

F. B. 3902 PG. 244 Job No. 0504.00 Division No. Notes Red Plotted Profile
Survey of GORMAN SEWERS Date Date No.
Survey by KING Notes KK. Notes Chk'd. Checked X-Sec.
Indexed G. D. BAILEY Date JUN 25 1973 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.		
30+00				23 27		℄
				23 5		10' R FLAT
				22 1	26' L F/L	
30+50				23 19		℄
				23 6		10' R FLAT
				21 8	26' L F/L	
31+00				22 75		℄
				23 3		10' R FLAT
				22 0	26' L F/L	
31+07.06	END OF LINE			22 87		℄
				23 4		10' R FLAT
				22 0	26' L F/L	
T.B.M. #1				1 05	TBM #1 EL 3620.94 FB 3902-219 FD CH □ IN CONC. H.W. ON W. SIDE OF SERVICE RD. 1' SO. OF N. END.	
					5 STRAND BARBED WIRE FENCE IS 17.5' L OF LINE FROM STA. 25+50 TO END OF LINE & BEYOND.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0504.00 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of GORMAN SEWERS
Notes Chk'd. ____ Checked ____ Survey by KING Notes KK Date 6-15-73
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

G. D. BAILEY JUN 25 1973

F.B. 3902 PG. 245

Notes Ck'd by	Survey of GORMAN SEWER	F. B. 3902 PG. 247
Map No.	JN 0504.00 Tape 194 Std 84 °F	
Office Work	Surveyed by KING	
Checked	Notes KK Date 6-20-73	
Date	Indexed G. D. BAILEY JUN 25 1973	

JN 050400

LOWER LAKE AT GORMAN

ELEV. ON LAKE BOTTOM

PARTY
KING
ALBRIGHT
HILL
TALBOT
FINBERG

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76F309S CE#310 3-69

F.B. 3902 PG. 248

TO G-52
SEE PG 16

NOTE
NOT TO SCALE.
ANGLES MAY NOT
BE IN THE ORDER
SHOWN HERE.

G-53
FD 1X2 STK
& NAIL PER
FB 3902-15

#1
#2
#3
#4
#5
#6
#7
#8
#9
#10
#11

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765614 CE301 3-61

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Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station Left Right
G-53	G-52				0° 00'			3643.00	5.3		3648.3		ELEV. OF LAKE SURFACE = 3641.5
	1	13.40 / 13	40'	13.7	104° 25'	40'	0° 00'	34.6		13.7			WATER DEPTH = 6.9
	2	12.80 / 12	80'	12.0	128° 47'	80'	92° 49'	32.4		15.9		3.9	" " = 9.1
	3	12.20 / 11.50	70'	11.9	139° 27'	70'	93° 10'	32.5		15.8		3.9	" " = 9.0
	4	10.60 / 10	60'	10.5	161° 28'	60	93° 08'	34.5		13.8		3.3	" " = 7.0
	5	11.50 / 10	150	10.8	143° 47'	150	91° 39'	33.2		15.1		4.3	" " = 8.3
	6	11.25 / 10	125	10.6	157° 37'	125	91° 29'	34.5		13.8		3.2	" " = 7.0
	7	10.10 / 9	110	9.6	172° 12'	110	91° 20'	36.1		12.2		2.6	" " = 5.4
	8	10.90 / 9	190	9.9	150° 23'	190	91° 20'	34.0		14.3		4.4	" " = 7.5
	9	9.80 / 8	180	8.9	159° 56'	180	91° 23'	35.1		13.2		4.3	" " = 6.4
	10	7.60 / 6	160	6.8	171° 27'	160	91° 25'	37.5		10.8		4.0	" " = 4.0
	11	8.20 / 6	220	7.1	163° 49'	220	91° 05'	37.1		11.2		4.1	" " = 4.4

HCH ✓

Notes Red. ____ Platted ____ Job No. 050400 Division No. " F.B. 3702 PG. 247

Date ____ Date ____ Survey of GORMAN SEWERS

Notes Chkd. ____ Checked ____ Survey by KING Notes KK Date 6-20-73

Date ____ Date ____ Map No. ____ Indexed G.D. BAILEY Date JUN 25 1973

Add'n'l Inform

76S614 CE301 3-61

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Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ −	Vertical Angle	Elevation of Point	+ Back Sight	+ −	Difference Elevation	Height of Instrument	+ −	Vertical Distance	REMARKS Station	Left	Righ
					° ′			° ′		1								
					° ′			° ′		2								
					° ′			° ′		3								
					° ′			° ′		4								
					° ′			° ′		5								
					° ′			° ′		6								
					° ′			° ′		7								
					° ′			° ′		8								
					° ′			° ′		9								
					° ′			° ′		10								
					° ′			° ′		11								
					° ′			° ′		12								
					° ′			° ′		13								
					° ′			° ′		14								
					° ′			° ′		15								
					° ′			° ′		16								
					° ′			° ′		17								
					° ′			° ′		18								
					° ′			° ′		19								
					° ′			° ′		20								
					° ′			° ′		21								

Add'n'l Inform.

Topography Description Legend:

Side Hill.....S.H.	Bottom Draw.B.D.
Side of Draw.S.D.	Bottom Wash B.W.
Side of Ridge.S.R.	Top of Ridge.T.R.
Head of Draw H.D.	Toe of Slope..T.S.

Inters. of Draws.V.D's
Break in Slope..Bk.S.
Steep Slope.....S.S.
Top of Cliff.....T.Cl.
Bottom of Cliff..B.Cl.
Top of Spur.....T.Sp.
Bottom Canyon..B.Cn.

Side of Canyon S.Cn.
Top of Bank..T.B.
Bottom of Bank.B.B.
Top of Cut.....T.C.
Bottom of Cut..B.C.
Top of Fill.....T.F.
Bottom of Fill.B.F.

Saddle .....Sa.
Swale .....Sw.
Flat .....Fl.
Stream .....Str.
Trail .....Tr.
Pavement ....Pvt.
Edge of Road E.Rd.

Traveled Rd. Tr.Rd.
Fence .....Fn.
Int. Fences.V.Fns.
Ditch .....Di.
Telephone Pole T.P.
Power Pole....P.P.
Culvert .....Cul.

Oak-O. Fir-Fr.
Pine-Pl. Cedar-Ce.
Sycamore ....Sy.
Eucalyptus ....Eu.
Plus combinations of these and all common standard abbreviations.

Notes Ck'd by C. L. WRIGHT	Survey of WAYSIDE HONOR Ro
Map No.	JN 0084.11 Tape 133 Std 84 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date 3-15-72
Date	Indexed C. J. GALLI JUL 22 1974

F.B. 3902 PG. 251

WAYSIDE HONOR RANCHO

TIE

ENTRANCE ROAD

AND

FREEWAY OVERPASS

NOTE: PGS 251-258
HAVE BEEN CHANGED
FROM PGS NO. 217-224
C. L. Wright JULY '73

J.P. MENNE
R. NEVAREZ
T. DONLEVY
R. PULSIFER
F. MUNOZ

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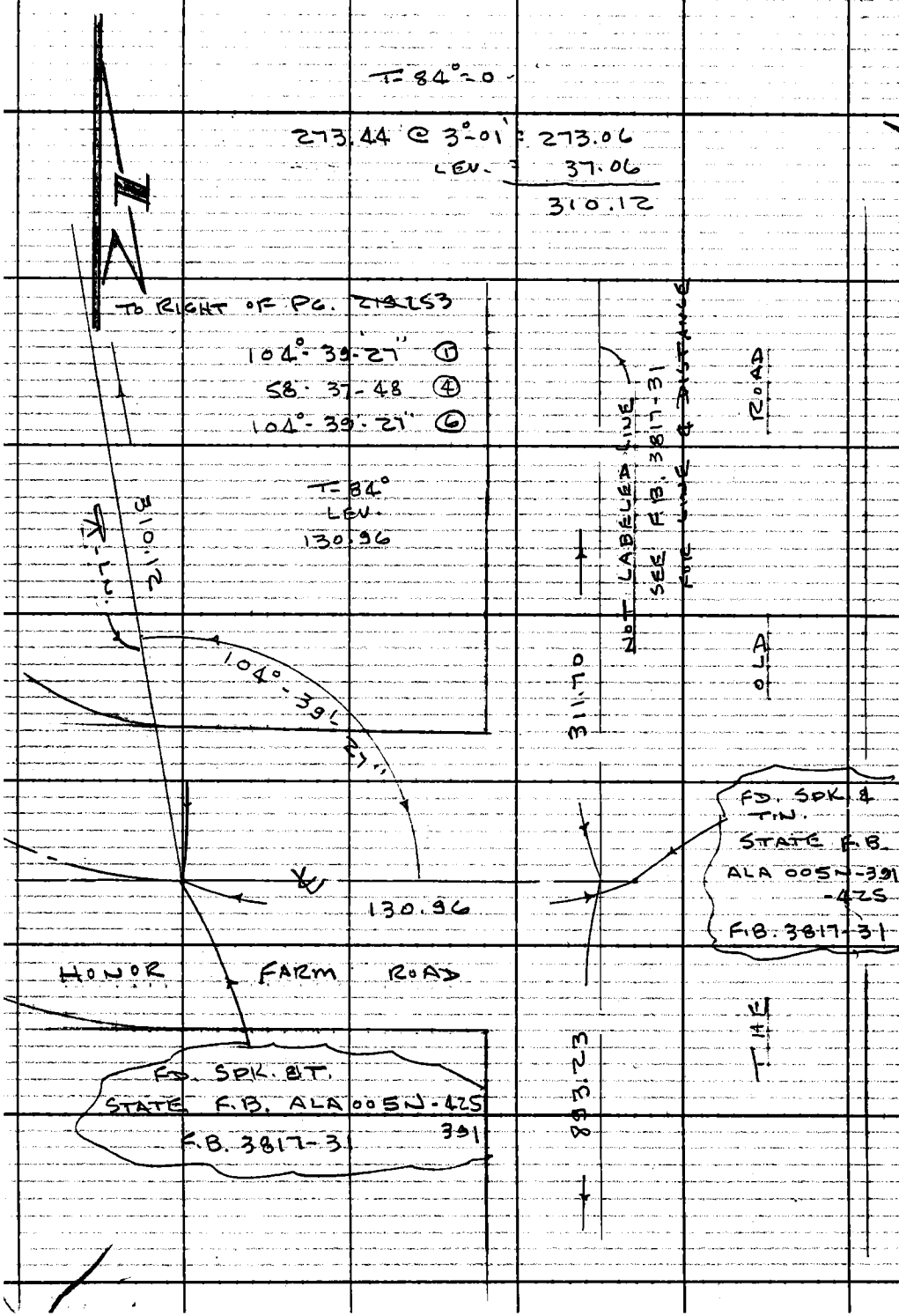
76F309S CE#310 3-69

F. B. 3902 PG. 252



WS.63, C-1

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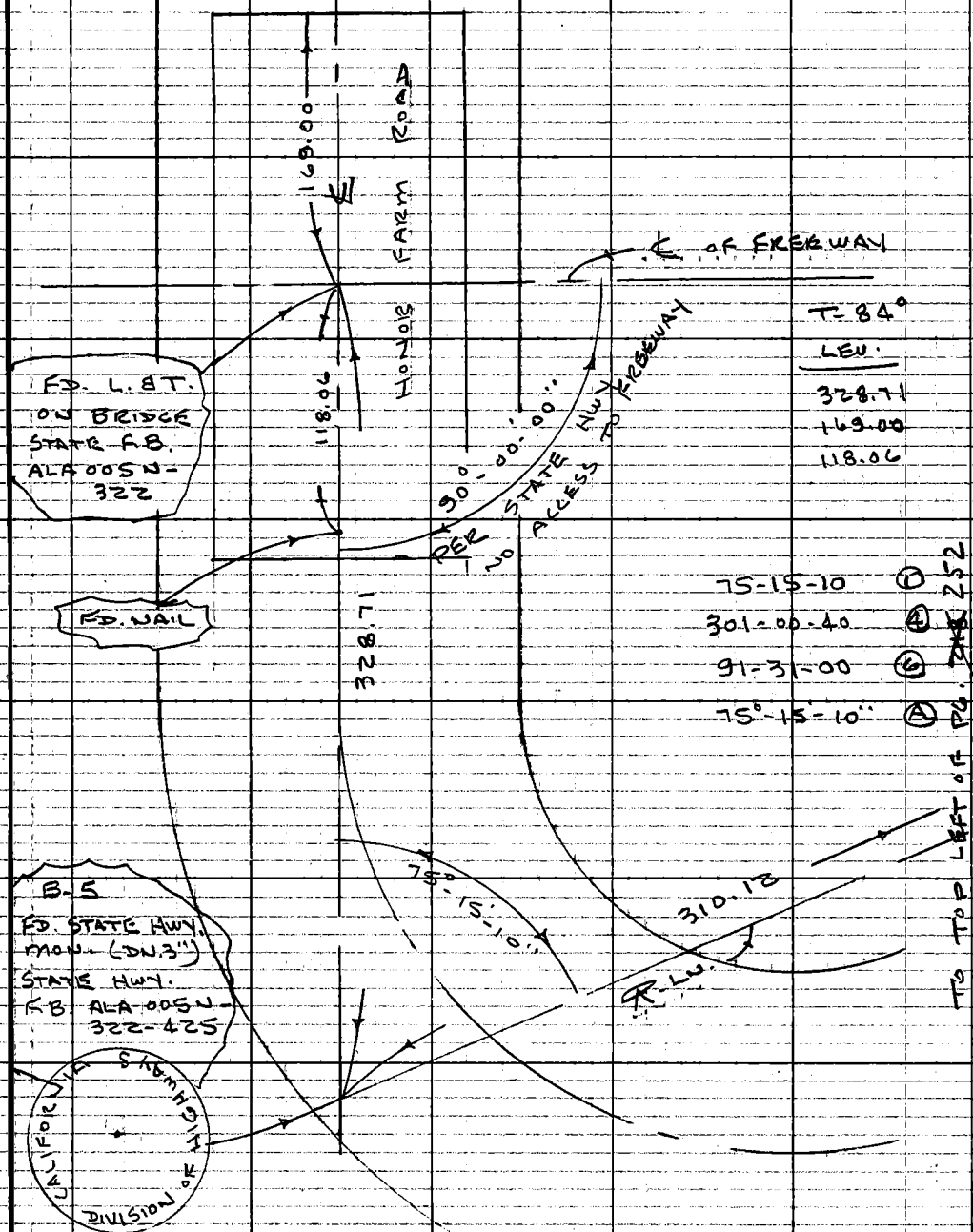
Notes Ck'd By L. WRIGHT	Survey of WAYSIDE HONOR RO
Map No.	JN 0084.11 Tape 133 Std 84 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date 3-15-72
Date	Indexed C. J. GALLE JUL 23 1974

F. B. 3902 PG. 253

TO BOTTOM OF PG. ~~250~~ 254



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16F309S CEM310 3-69

F. B. 3902 PG. 254

TO BOTTOM OF PG. ~~251~~ 255

107-42-40 (1)

70-50-40 (4)

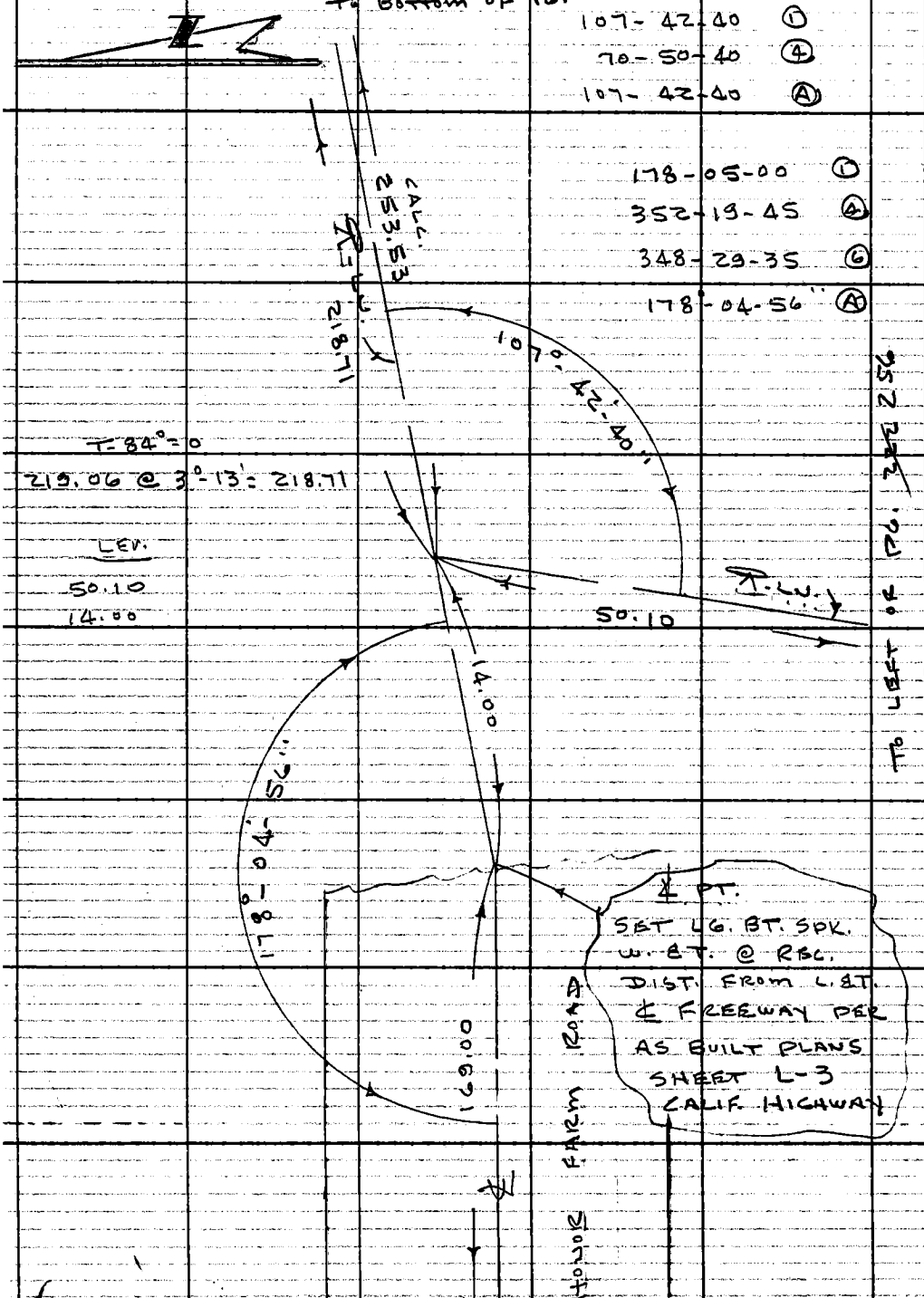
107-42-40 (A)

178-05-00 (1)

352-19-45 (4)

348-29-35 (6)

178°-04-56" (A)



TO TOP OF PG. ~~219~~ 253

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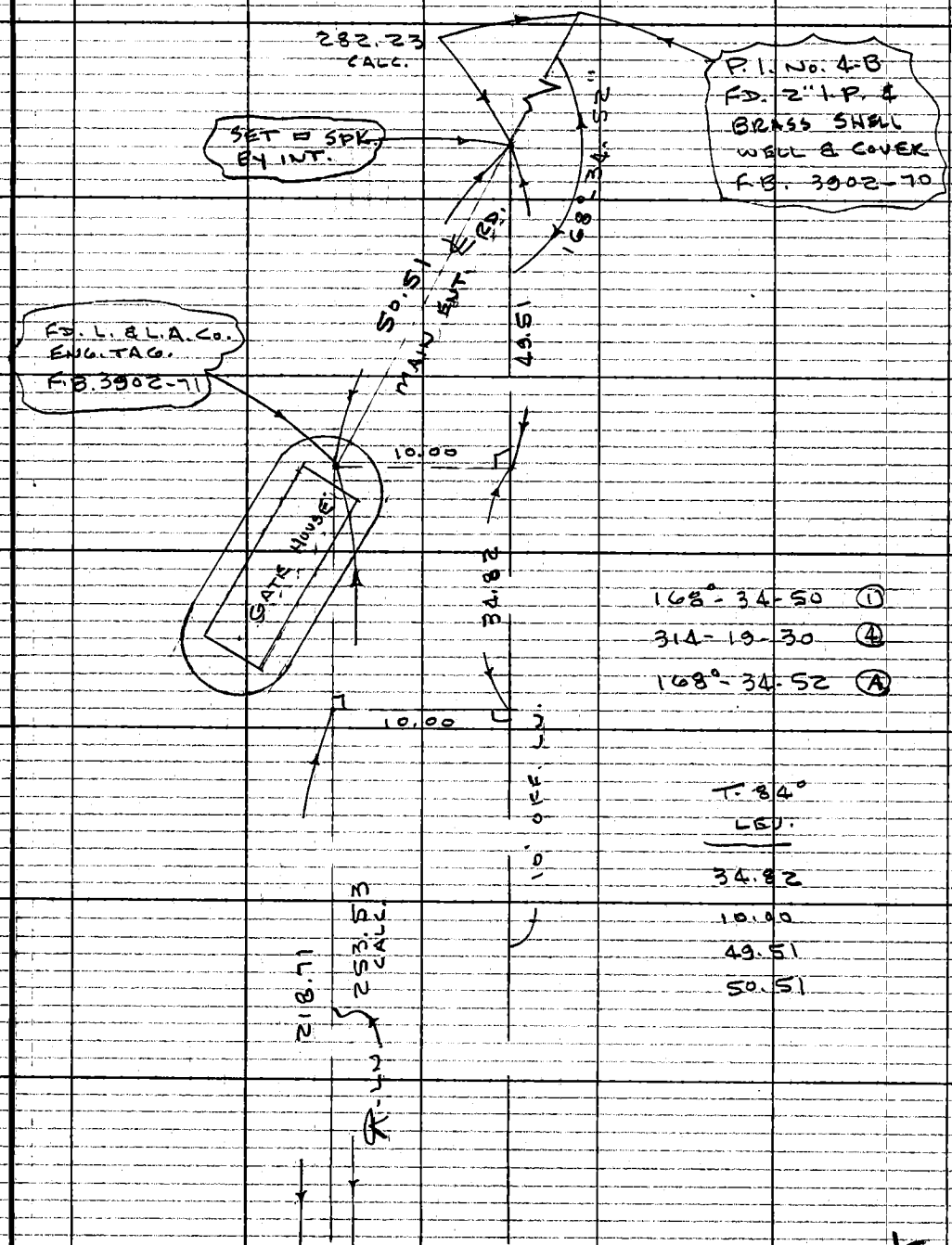
Notes Ck'd by C. L. WRIGHT	Survey of WAYSIDE HONOR RO
Map No.	JN 0084.1 Tape 133 Std 84 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date 3-15-72
Date	Indexed C. J. GALLI JUL 23 1974

F. B. 3902 PG. 255



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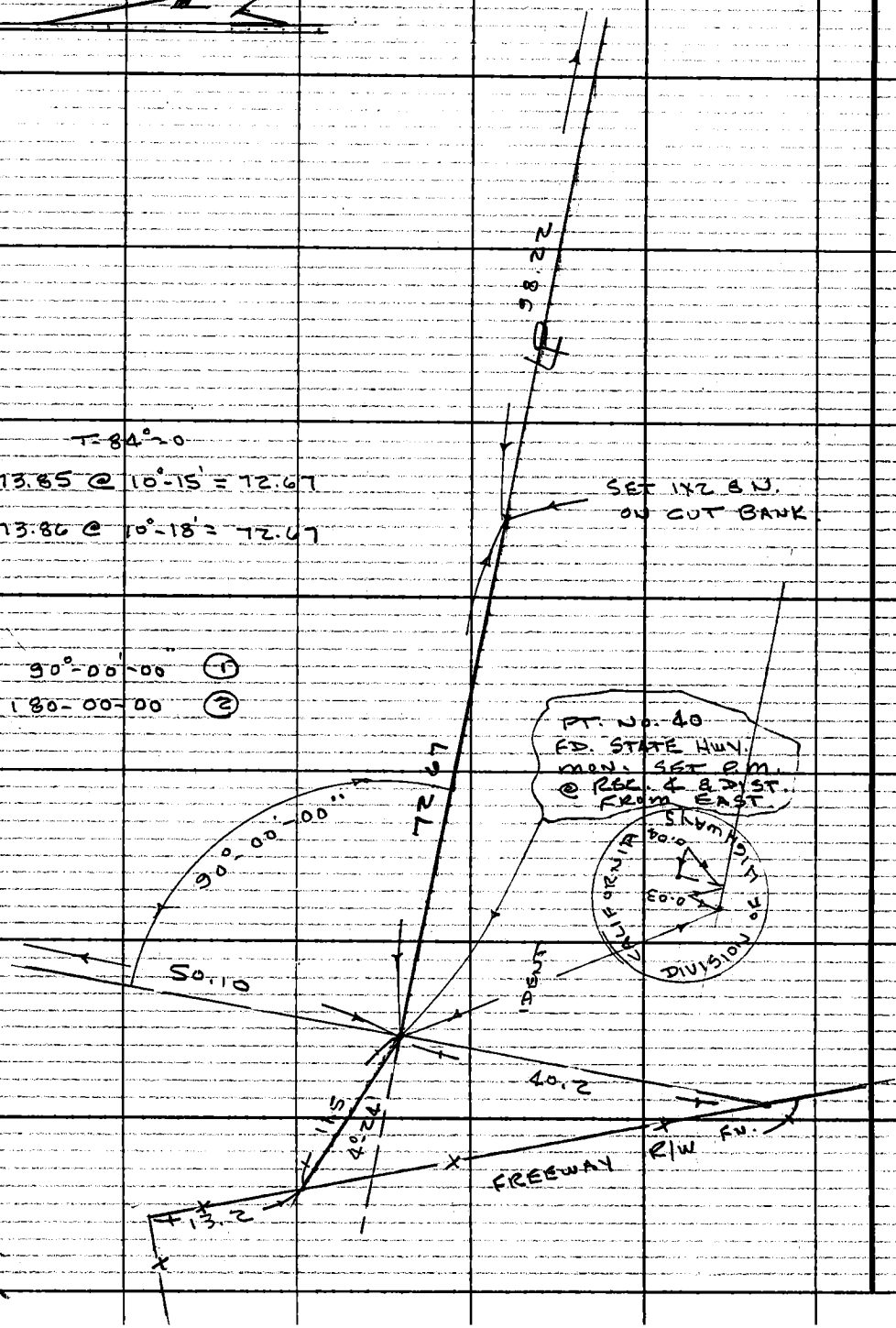
76F309S CE#310 3-69

TO TOP OF PG. ~~280~~ 254

F.B. 3902 PG. 256

257

TO BOTTOM OF PG. ~~223~~



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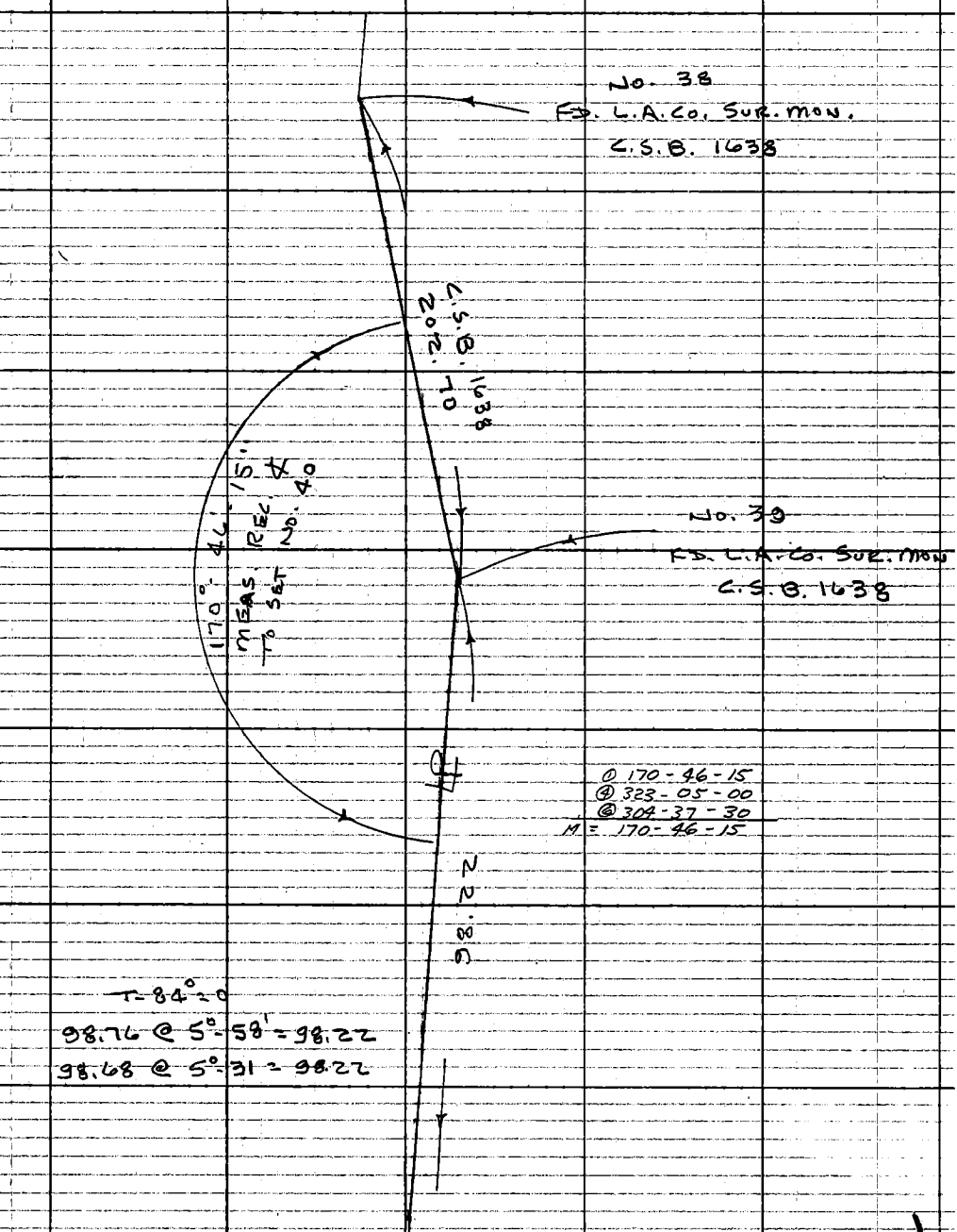
Notes Ck'd by C. L. WRIGHT	Survey of WAYSIDE HONOR RO
Map No.	JN 0084.11 Tape 133 Std 84 °F
Office Work	Surveyed by J. P. MEUNE
Checked	Notes J.P.M Date 3-15-72
Date	Indexed C. J. GALLI JUL 23 1974

F. B. 3902 PG. 257



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TO TOP OF PG. ~~322~~ 256

76F309S CE#310 3-69

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
		WAYSIDE HONOR RANCHO			
		ON SITE SEWERS			I.N. 8589.01
		CHECK ELEV. ON EXISTING MAIN TRUNK SEWER M.H. RING			
		IN FRONTAGE ROAD VICINITY WAYSIDE FWY. OVERPASS.			
BM #[illegible]				1040 115	FD. 2" I.P. CONC. PLUG & BRASS SHELL CTR. P.I. #4B F.B. 3902-83
	3292	1043 407			
TBM			5516	1037 891	FD. L&N. LAVO. ENGR. TAG E. END CONC. - GUARD SHACK
	4213	1042 104			
4+00 ℄			1515	1040 589	1x2 CTR. M.H.
	4202	1044 791			
TP			10784	1034 007	
	1122	1035 129			
T.B.M.			6004	1029 125	EXISTING M.H. - MOST N'LY P.M. ON MH RIM SEE F.B. 3902-214, 215
	7851	1036 976			
			2985	1033 991	
	7593	1041 584			
BM 205-12A			3479	1038 105	(1037.458) F.B. 3902-97, 215 - F.B. 3719-262 NOTE: THIS IS THE SAME 0.651 FT± MENTIONED ON PG. 73A.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8589.01 Division No. ____ F.B. 7701 PG. 259
X-Sec. No. ____ Date ____ Date ____ Survey of ON SITE SEWER - WAYSIDE HONOR RC.
Notes Chk'd. ____ Checked ____ Survey by C.L. WRIGHT Notes C.L.W. Date 14 MAY '73
Date ____ Date ____ Map No. ____ Indexed C. J. GALLI Date JUL 23 1974

F. B. 7706 PG. 660

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

Survey of WAYSIDE HONOR RD. Date _____ Date _____ No. _____

Survey by _____ Notes C.L.W Notes Chk'd. _____ Checked _____ X-Sec.

Indexed C. J. GALLI Date JUL 23 1974 Date _____ Date _____ No. _____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	
RIM M.H. TBM					
0+96 27	000	1029 12		1029 12	PG. 225
"			1410	1015 02	INVERT - 15" STUB
			12 85		TOP INSIDE - 15" STUB

Notes Ck'd by	Survey of GORMAN SEWER
Map No.	JN 0116.01 Tape 24 Std 84 °F
Office Work	Surveyed by HCH
Checked	Notes HCH Date 7-74
Date	Indexed G. J. GALLI JUL 23 1974

F. B. 3902 PG. 261

J.N. 0116.01

GORMAN SEWAGE TREATMENT PLANT

CONTROL LINE

FOR

TOPO. SURVEY

HUBBARD
BITTEL
CROWE
JERNIGAN

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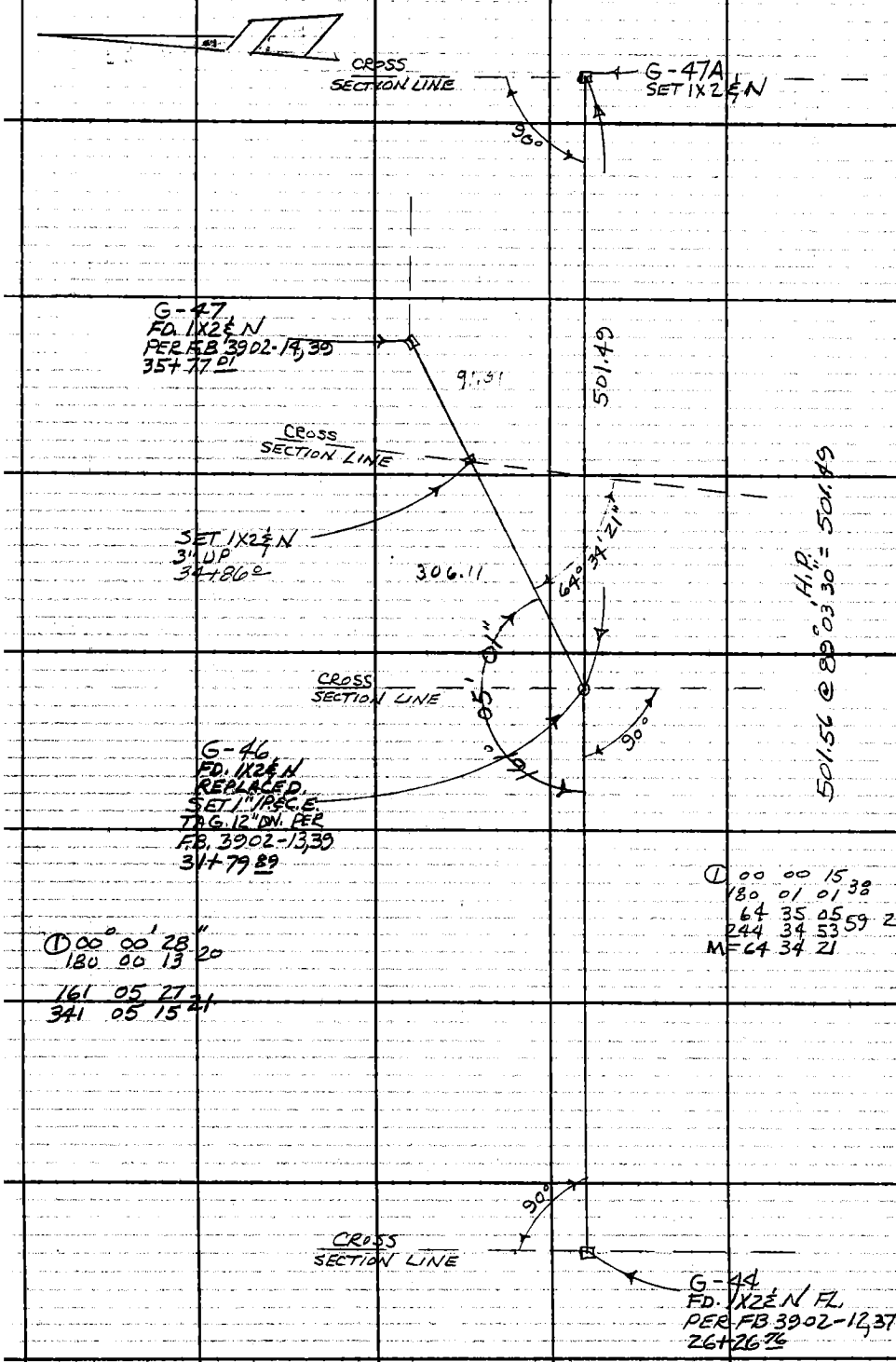
F. B. 3902 PG. 262



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F. B. 3902 PG. 263

Profile No. | Notes Red | Plotted | Job No. 0116.01 | Division No.
Date | Date | Survey of GORMAN SEWER TREATMENT PLANT
X-Sec. No. | Notes Chk'd. | Checked | Survey by HCH | Notes HCH | Date 7-74
Date | Date | Map No. | Indexed G. J. GALLI | Date JUL 23 1974

JN. 0116.01

GORMAN SEWER

TREAMENT PLANT

LEVELS

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

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
26+26.76 4PT (G-44)				3762.76	G-44 FD 1X2 & N.	Elev 3762.76 FB. 3902-37
24+60.6 TOP MH. COVER				3764.62		
T.P.				53.59		
T.P.				48.57		
T.P.				45.55		
G-46				39.80	G-46	
T.P.				36.10		
G-47				3735.30	G-47 EL. 3735.25 F.B. 3902- 1X2 & N	

F.B. 3902 PG. 264 Job No. 0116.01 Division No. Notes Red Plotted Profile
Survey of GORMAN SEWER TREATMENT PLANT Date Date No. X-Sec.
Survey by HCH Notes HCH Notes Chk'd. Checked
Indexed C. J. GALLI Date 7-7 JUL 23 1974 Date Date No.

Notes Ck'd by L.V. Kubur	Survey of GORMAN SEWER	F. B. 3902 PG. 265
Map No.	JN 0116.01 Tape 24 Std 84 °F	
Office Work	Surveyed by HCH	
Checked	Notes HCH Date JULY 74	
Date	Indexed C. J. GALLI JUL 23 1974	

J.N. 011601

GORMAN SEWER

TREATMENT PLANT

CROSS-SECTION

NOTES

Hubbard
ALBRIGHT
JERNIGAN
FIELDEN

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16F309S CE#310 3-69

F. B. 3902 PG. 266

T @ 26+26.76 (G-44) ELEV = 3762.76 H.I. = 5.7

POINT OBSERVED	INTERCEPT	-ROD	VERT. ANGLE	MEAN VERT ANGLE	VERT DIFF	HOR DIS	ELEV.
23' L TOP BRK	23.	6.6	LEVEL			23.0	3761.9
56.0 L BRK.	57.	10.3	D 97°34' R 262°26'	97°34'	-7.4	56.0	3750.8
108.8 L BRK	110.	10.6	D 95°59' R 264°01'	95°59'	-11.4	108.8	3746.5
194.2 L SOUTH EDGE DRAIN	195.	10.0	D 93°38' R 266°21'	93°38'30"	-12.4	194.2	3746.1
76.6 R BRK	77.	5.4	D 86°02' R 273°57'	86°02'30"	+5.3	76.6	3768.4
109.4 R SIDE HILL	110.	2.6	D 85°49' R 274°11'	85°48'	+8.0	109.4	3773.9

T @ 31+79.89 (G-46) ELEV = 3739.80 H.I. = 6.0

POINT OBSERVED	INTERCEPT	-ROD	VERT. ANGLE	MEAN VERT ANGLE	VERT DIFF	HOR DIS	ELEV
3' L TOP BRK	3.	5.5	LEVEL			3.0	3740.3
20.4 L TOE	23.	11.1	D 109°37' R 250°23'	109°37'	-7.3	20.4	3727.4
40.4 L BOTT. OF POND	42.	10.2	D 101°22' R 258°42'	101°20'	-8.1	40.4	3727.5
64.3 L TOE	65.	10.3	D 95°42' R 264°18'	95°42'	-6.4	64.3	3729.1
73.0 L TOP BRK	73.	11.4	D 90°22' R 269°39'	90°21'30"	-0.5	73.0	3733.9
79.6 L TOP BRK	80.	6.4	D 94°04" R 265°56"	94°04'	-5.7	79.6	3733.7
96.1 L TOE	97	8.5	D 95°23" R 264°38"	95°22'30"	-9.0	96.1	3728.3
107.5 L BRK	108	9.5	D 93°51' R 266°10'	93°50'30"	-7.2	107.5	3729.1
110.6 L TOP BRK	111	8.5	D 93°25' R 266°35'	93°25'	-6.6	110.6	3730.1
123.5 L TOP BRK	124	7.6	D 93°43' R 266°17'	93°43'	-8.0	123.5	3730.2
145.4 L TOE	146	10.7	D 93°48' R 266°13'	93°47'30"	-9.6	145.4	3725.5
191.1 L SOUTH EDGE DRAIN	192	10.0	D 93°52' R 266°09'	93°51'30"	-12.9	191.1	3722.9
7' R TOE	7.	5.5	LEVEL			7.0	3740.3
17.2 R TOP BRK	17	2.6	LEVEL			17.2	3743.2
21.0 R ℄ DITCH	21	6.4	LEVEL			21.0	3739.4
26.3 R TOP	27	5.1	D 80°48' R 279°13'	80°47'30"	+4.3	26.3	3745.0

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Notes Ck'd by L.V. Kubur	Survey of GORMAN SEWER
Map No.	JN 0116.01 Tape 24 Std. 84 °F
Office Work	Surveyed by HCH
Checked	Notes W.S.A. Date JULY 74
Date	Indexed D. J. GALLI JUL 23 1974

F. B. 3902 PG. 967

T @ 31+79.8 (G-46) ELEV = 3739.80 H.I. = 6.0

POINT OBSERVED	INTERCEPT	-ROD	VERT ANGLE	MEAN VERT ANGLE	VERT DIFF	HOR DIST	ELEV
45.3 R BRK	48	3.2	D 78° 00' R 282° 01'	77° 59' 30"	+ 9.8	45.2	3752.4
55.9 R TOE	58	4.3	D 78° 12' R 281° 49'	78° 11' 30"	+ 11.6	55.6	3753.1
62.5 R TOP BRK	66	4.3	D 75° 54' R 284° 07'	75° 53' 30"	+ 15.6	62.1	3757.1
109.4 R SIDE HILL	121	2.6	D 71° 58' R 288° 03'	71° 57' 30"	+ 35.6	109.4	3778.8

T @ 36.0 N. OF 34+86.0 ELEV = 3737.2 TOP BRK. H.I. = 4.8

POINT OBSERVED	INTERCEPT	-ROD	VERT ANGLE	MEAN VERT ANGLE	VERT DIFF	HOR DIST	ELEV
31.9 L TOE	40	9.2	D 117° 21' R 242° 38'	117° 21' 30"	− 16.3	31.6	3716.5
40.3 L BRK	51	7.3	D 116° 45' R 243° 15'	116° 45'	− 20.5	40.1	3714.2
55.9 L SOUTH EDGE DRAIN	69	1.3	D 115° 51' R 244° 10'	115° 50' 30"	− 27.1	55.9	3713.6
4' R TOE	4	6.7	LEVEL			4.0	3735.3
39' R TOE	39	6.2	LEVEL			39.0	3735.8
41' R TOP BRK	41	5.8	LEVEL			41.0	3736.2
44' R NORTH EDGE POND	44	8.9	LEVEL			44.0	3733.1
133' R SOUTH EDGE POND	133	9.1	LEVEL			133.0	3732.9
137' R TOP BRK	137	8.3	LEVEL			137.0	3733.7
145' R TOE	145	8.8	LEVEL			145.0	3733.2
169' R TOE	169	8.5	LEVEL			169.0	3733.5
175' R BRK	175	5.0	LEVEL			175.0	3737.0
181' R TOE	181	3.5	LEVEL			181.0	3738.5
278' R SIDE HILL	285	3.4	D 81' 29' R 278' 31'	81' 29'	+ 41.6	278.7	3780.2

T @ G 47A ELEV = 3748.5 H.I. = 5.0

POINT OBSERVED	INTERCEPT	-ROD	VERT ANGLE	MEAN VERT ANGLE	VERT DIFF	HOR DIST	ELEV.
64.1 L TOE	67	4.3	D 100° 34' R 259° 25'	100° 34' 30"	− 12.1	64.1	3737.1
87.5 L ℄ DRAIN	90	5.4	D 99° 41' R 260° 20'	99° 40' 30"	− 14.9	87.5	3733.2

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16F309s CE#310 3-69

F. B. 3902 PG 268

T @ G-47A	ELEV. = 3748.5					H.I. 5.0	
POINT OBSERVED	INTERCEPT	ROD	VERT ANGLE	MEAN VERT ANGLE	VERT DIFF	HOR DIST	ELEV
106.9 L TOP BRK	109.	4.5	D 98° 11' R 261° 50'	98° 10' 30"	-15.3	106.6	3733.1
112.1 L BRK	115.	4.6	D 98° 08' R 261° 53'	98° 07' 30"	-16.1	112.1	3732.8
118.6 L TOE	121.	6.6	D 98° 09' R 261° 52'	98° 08' 30"	-16.9	118.6	3730.9
129.4 L 1"x2" BRK	132	6.7	D 98° 02' R 261° 58'	98° 02'	-18.3	129.4	3728.5

T @ 129.4 N. OF G-47A			ELEV = 3728.5			H.I. = 5.1	
POINT OBSERVED	INTERCEPT	ROD	VERT ANGLE	MEAN VERT ANGLE	VERT DIFF	HOR DIST	ELEV.
13' L TOP BRK	13.	9.1	LEVEL			13.0	3724.5
31.5 L TOE	38.	0.2	D 114° 22' R 245° 37'	114° 22' 30"	-14.3	31.5	3708.1
46.4 L BRK	54	8.3	D 112° 06' R 247° 55'	112° 05' 30"	-18.8	46.4	3706.5
60.9 L SOUTH EDGE DRAIN	69.	5.3	D 110° 04' R 249° 56'	110° 04'	-22.2	60.9	3706.1

T @ G-47A	ELEV = 3748.5					H.I. = 5.0	
POINT OBSERVED	INTERCEPT	ROD	VERT ANGLE	MEAN VERT ANGLE	VERT DIFF	HOR DIST	ELEV.
56.6 R TOE	58	4.5	D 80° 57' R 279° 03	80° 57'	+9.0	56.6	3758.2
126.1 R SIDE HILL	142	2.7	D. 70° 52' R. 289° 08'	70° 52'	+44.0	126.1	3794.8

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Notes Ck'd by G. KURACHI	Survey of SS. POND AT GORMAN F. B. 3902 PG. 269
Map No.	JN0116.01 Tape — Std — °F
Office Work	Surveyed by K. KING
Checked	Notes KK Date 10-8-74
Date	Indexed G. D. BAILEY OCT 8 1974

JN 0116.01

ELEVATION CHECK

SEWER POND # 2

GORMAN

PARTY
KING
ADAMS
TALBOT

ALL ELEVATIONS TAKEN
WITH LEVEL AND LINKER
ROD. B.M. G-52

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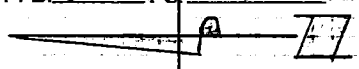
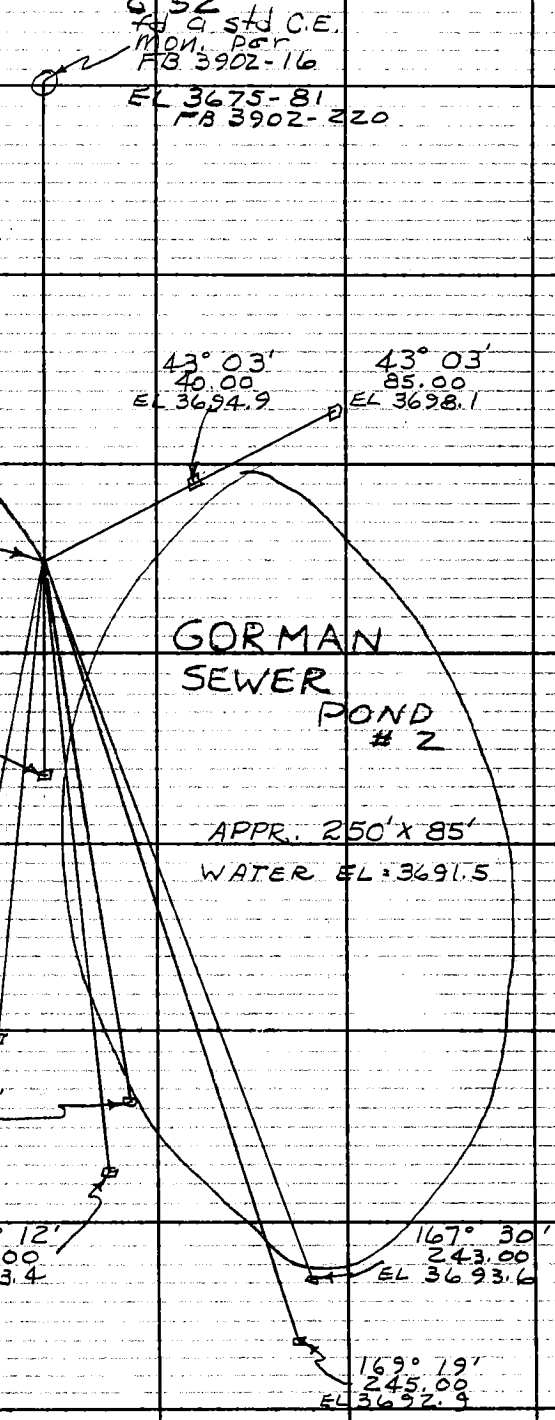
F. B. 3902 PG 270



NOTE

ANGLES SHOWN ARE TURNED CLOCKWISE, WITH TRANSIT SET ON G-53 SIGHTING ON G-52. DIST. MEASURED FROM G-53.



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Notes Ck'd by	Survey of GORMAN SEWER PLANT	F. B. 3902 PG. 271
Map No.	JN 0116.01 Tape 24 Std. 84 °F.	
Office Work	Surveyed by HCH	
Checked	Notes HCH Date 00 21-74	
Date	Index T. M. PALMERI OCT 30 1974	

J.N. 0116.01

GORMAN SEWER TREATMENT PLANT

CONTROLL
FOR
SEWER POND #2

Hubbard
ALBRIGHT
JERNIGAN

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CE#310 3-68

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0116.01 Division No. ____
X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey of GORMAN SEWER TREATMENT PLANT
Survey by HCH Notes HCH Date 10-22-74
Map No. ____ Indexed M. PALMER Date OCT 30 1974

8 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
BM. G-52				3675.81	FD. BM. G 52 ELEV. 3675.81 F.B. 3902-43 FD. A C.F. MON - 2" IP & BRASS CAP SET IN CONC. PG. 16 30, 43	
	11.38	3687.19				
T.P.			4.02	3683.17		
	11.62	3694.79				
G-53			1.76	3693.03	G-53 ELEV. F.B. 3902-273 FD. 1" IP & C.E. TAG FL. (SEE PG 272)	
	4.96	3697.99				
T.P.			5.13	3692.86		
	5.70	3698.56				
T. P.			2.71	3695.85		
	8.22	3704.07				
G-49			3.60	3700.47	G-49 ELEV. 3700.46 F.B. 3902-41 FD. 1X2 & N (SEE PG 15)	