	Survey of	F.B. 3440 Pg.
	JN ____ Tape ____ Std ____ °F	
Work Work	Surveyed by	
Checked	Notes ____ Date ____	
Date	Indexed	

Pages	Job	Description
		ANTELOPE VALLEY WASTE WATER RECLAMTION PROJECT J.N. 8924.03
	Grid & Tie	Grid & Tie to Control
	X-Sec	X-Sec. in borrow pit area @ W. J. Fox Airfield

PW file o.k. June '87

~~[illegible]~~ microfilmed June '85

Notes Ck'd by	Survey of A.V. WATER RECLAMATION	F.B. 21/46 Pg. 45
[illegible]	[illegible] Page 65 [illegible]	
Office Work	Surveyed by PIERCE	
Checked	Notes JC PIERCE Date 4-15-67	
Date	Indexed C. J. GALLI [illegible]	

JN 892403

ANTELOPE VALLEY WASTE WATER

RECLAMATION

CROSS SECTIONS

IN BORROW PIT AREA AT W.J. FOX

AIRFIELD

PIERCE
KING
TALBOT
McDONOUGH

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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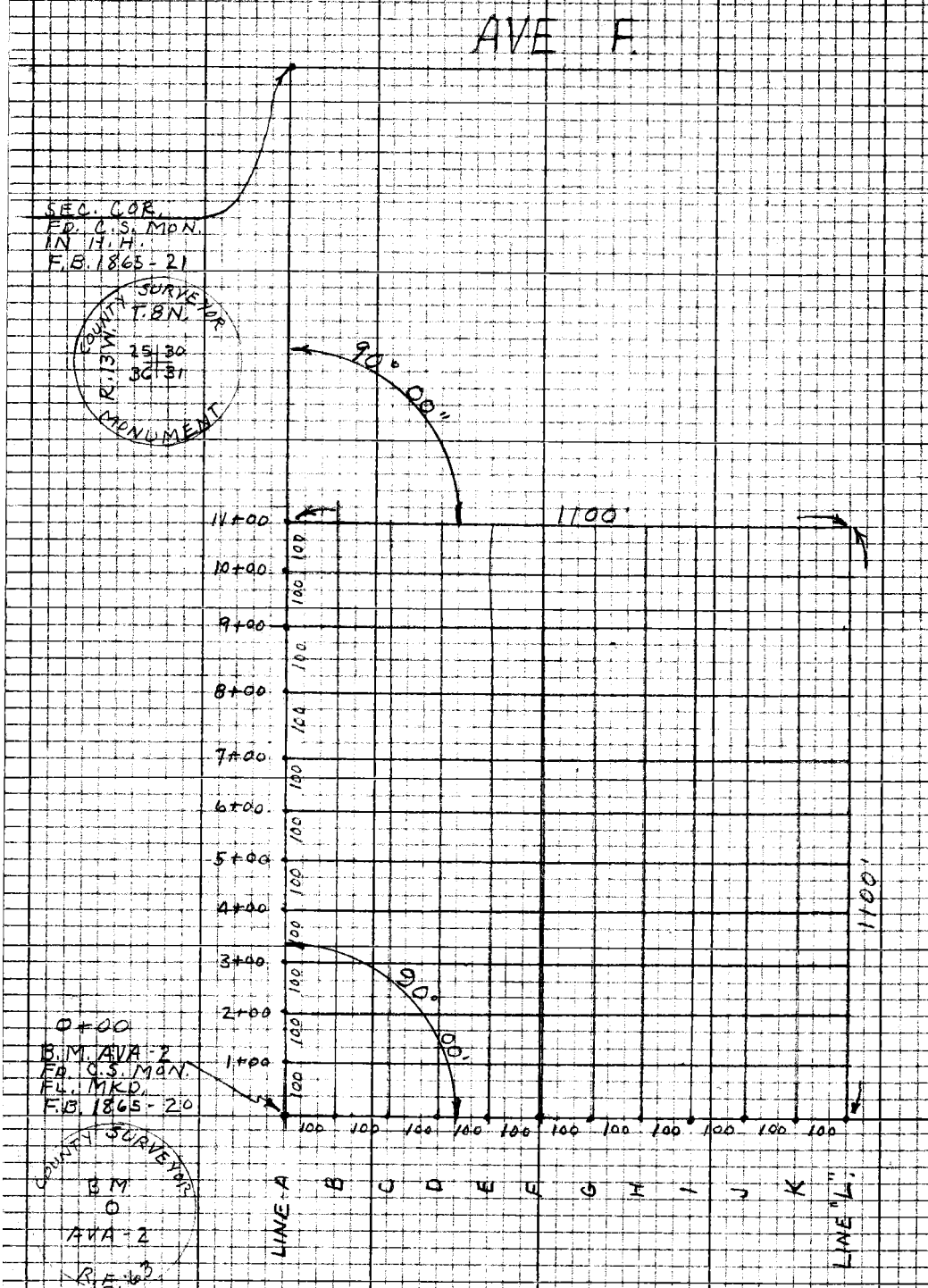
76P3098 CK #310 8-66

F.B. 3440 Pg. 6



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F. B. 3440 PG. 7

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 8124.03 Division No. ____

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey of ANTELOPE VALLEY WASTE WATER RECLAMATION

Survey by ____ Notes ____ Date ____

Map No. ____ Indexed C. J. GALLI Date SEP 19 '67

J. N. [illegible]

ANTELOPE VALLEY WASTE WATER RECLAMATION

CROSS SECTIONS

IN BORROW PIT AREA AT W. J. FOX AIRFIELD

PIERCE
KING
TALBOT
MC DONOUGH

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

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F. B. 3440 Pg. 8 | Job No. 8924.03 | Division No. | Notes Red | Plotted | Profile
Survey of AV. WASTE WATER RECLAMATION | Date | Date | No.
Survey by PIERCE | Notes PIERCE | Notes Chk'd. | Checked | X-Sec.
Indexed C. J. GALLI | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM AVA-2				2329.70	BM AVA-2 ELEV. 2329.696 F.B. 1865-47 40' N. OF E. 1/4 COR. SEC. 36 T.8N. R.12 & 13 W. (40TH ST. W. & AVE. F-8) FD. 2" I.P. & B.C. MON. IN CONC. MKD BM AVA-2	
LINE 'A'						
0+00				2329.7		
1+00				28.8		
2+00				28.7		
3+00				29.0		
4+00				29.1		
5+00				29.7		
6+00				29.6		
7+00				29.5		
8+00				29.4		
9+00				29.1		
10+00				29.3		
11+00				28.6		
'B' LINE						
0+00				29.3		
1+00				28.3		
2+00				28.6		
3+00				28.7		
4+00				29.0		
5+00				2328.9		

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
LINE B 6+00				2329 0		
7+00				290		
8+00				289		
9+00				285		
10+00				291		
11+00				290		
LINE 'C' 0+00				294		
1+00				291		
				290		45'R COR TOP FIT
2+00				284		
				291		45'R TOP BRK
3+00				287		
				282		45'R TOP BRK
4+00				290		
				289		40'R TOP BRK
5+00				298		
				288		40'R TOP BR
6+00				292		
				290		37'R TOP NW C[illegible] FIT
7+00				292		
8+00				2329.5		

Profile Notes Red____ Plotted____ Job No. [illegible] Division No.____
No.____ Date____ Date____ Survey of ANTELOPE VALLEY WASTE WATER RECLAMATION
X-Sec. Notes Chk'd.____ Checked____ Survey by PIERCE Notes [illegible] Date [illegible]
No.____ Date____ Date____ Map No.____ Indexed [illegible] Date____

F. B. 3/46 PG. 9

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F. B. 3446 Pg. 10 | Job No. 8924-03 | Division No. | Notes Red | Plotted | Profile
Survey of A.V. WASTE WATER RECLAMATION | Date | Date | No. | X-Sec.
Survey by PIERCE Notes H.C.P. | Notes Chk'd. | Checked
Indexed C.J. GALLI | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
LINE 'C'						
9+00				2329 3		
10+00				290		
11+00				288		
LINE 'D'						
0+00				287		
0+90				286		℄ TOP BRK.
1+15				196		℄ BOT " BOT. PIT
				218	30± L BOT BRK SW COR OF PIT	
2+00				175		℄
				180	25' L BOT BRK	
3+00				174		℄
				181	22' L BOT BRK	
4+00				177		℄
				181	20' L BOT BRK	
5+00				187		
				202	25' L BOT BRK	
5+75				212		℄ BOT BRK
				221	20' L BOT BRK NW COR. PIT.	
6+00				280		℄ TOP BRK
7+00				295		℄
8+00				295		℄
9+00				292		℄

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Profile Notes Red. Plotted Job No. 87242 Division No.
No. Date Date Survey of ANTELOPE VALLEY WASTE WATER RECLAMATION
X-Sec. Notes Chk'd. Checked Survey by [illegible] Notes Date
No. Date Date Map No. Indexed C. J. GALLI Date

F. B. 34 1/2 Pg. 11

STATION	B. S.	H. I.	F. S.	ELEV.	
LINE 'D'					
10+05				2328 8	℄
11+00				289	℄
LINE 'E'					
0+00				282	℄
0+90				286	℄ TOP BRK
1+10				194	℄ BOT "
2+00				176	℄ BOT BRK BOW D
3+00				171	℄ " "
4+00				176	℄ " "
5+00				179	℄ " "
5+80				194	℄ BOT. BRK.
6+00				290	℄ TOP " TOP "
7+00				279	℄
8+00				290	℄
9+00				290	℄
10+00				280	℄
11+00				287	℄
LINE "F"					
0+00				279	℄
0+90				279	℄ TOP BRK.
1+15				200	℄ BOT " BOT. P
2+00				179	℄ BOT PIT
3+00				174	℄ " "

76-L-298 CE 307 5-66

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F. B. 3440 Pg. 12 | Job No. 8924.03 Division No. Notes Red Plotted Profile
Survey of A.V. WASTE WATER RECLAMATION Date Date No. X-Sec.
Survey by PIERCE Notes PIERCE Notes Chk'd. Checked
Indexed C. J. GALLI Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
LINE F.						
4+00				231.69		℄ BOT PIT.
5+00				173		℄ " "
5+85				195		℄ " " BOT BRK.
6+00				279		℄ SIDE OF PIT
6+05				288		℄ TOP PIT TOP BRK
7+00				287		℄
8+00				283		℄
9+00				287		℄
10+00				288		℄
11+00				288		℄
LINE G.						
0+00				277		℄
0+90				281		℄ TOP BRK TOP PIT
1+15				199		℄ BOT " BOT "
2+00				182		℄ " "
3+00				178		℄ " "
4+00				178		℄ " "
5+00				178		℄ " "
5+80				200		℄ BOT BRK " "
6+00				272		℄ SIDE PIT
				191	35° L BOT BRK	
6+35				193	35° L " "	

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STATION	B. S.	H. I.	F. S.	ELEV.		
LINE 'G'						
6+15				2328.5		℄ TOP BRK
7+00				28.2		℄
8+00				28.6		℄
9+00				27.9		℄
10+00				28.2		℄
11+00				28.2		℄
LINE 'H'						
0+00				27.5		℄
0+90				27.4		℄ TOP BRK
1+05				24.0		℄ BOT " BOT [illegible]
2+00				22.6		℄
2+50				21.1	70' L TOP BRK	
3+00				23.5		℄
				23.0	45' L TOP BRK	
3+60				23.0		℄ TOP BRK
				22.0	37' L " "	
4+00				20.1		℄
5+00				18.3		℄
5+80				20.6		℄ BOT BRK
6+00				27.5		℄ SIDE BANK
6+04				28.1		℄ TOP BRK TOP [illegible]
7+00				28.1		℄

Profile Notes Rel_____ Plotted_____ Job No. 8222.2 Division No._____
No._____ Date_____ Date_____ Survey of ANTELOPE VALLEY WHITE WATER RECLAMATION
X-Sec. Notes Chk'd._____ Checked_____ Survey by [illegible] Notes [illegible] Date [illegible]
No._____ Date_____ Date_____ Map No._____ Indexed C. J. [illegible] Date_____

F. B. [illegible] Pg. 12

76-L-298 CE 307 5-66

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F. B. 3440 Pg. 14 | Job No. 8924.0 | Division No. | Notes Red | Plotted | Profile
Survey of A.V. WASTE WATER RECLAMATION | Date | Date | No. | X-Sec.
Survey by | Notes | Notes Chk'd. | Checked |
Indexed C. J. GALLI | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
LINE H						
8+00				2327.9		℄
9+00				27.6		℄
10+00				28.1		℄
11+00				28.4		℄
LINE I						
0+00				27.2		℄
1+00				26.9		℄ TOP BRK TOP PIT
1+50				24.5		℄ BOT BRK
2+00				22.6		℄
3+00				22.9		℄
3+50				21.5		℄ TOP BRK
				19.6	35' L BOT. BRK	
4+00				18.6		℄
4+50				18.3		℄ BOT BRK
5+00				20.7		℄
5+80				21.8		℄ BOT BRK
6+00				26.6		℄ SIDE OF BANK
6+05				28.0		℄ TOP BRK TOP PIT
7+00				27.7		℄
8+00				29.1		℄
9+00				28.5		℄
10+00				27.3		℄

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STATION	B. S.	H. I.	F. S.	ELEV.		
LINE I 11+00				23281		
LINE J. 0+00				269		℄
1+00				260		℄ TOP BRK
1+20				244		30'R BOT COR.
2+00				230		℄
				236		30'R BOT BRK
3+00				238		℄
				238		25'R BOT BRK
4+00				252		℄
				242		25'R BOT BR
				247	25'L TOP BRK	
5+00				236		℄
				240		30'R BOT BR
5+85				234		℄ BOT BRK
				248		25'R BOT COR
6+00				266		℄ SIDE BANK
6+20				285		℄ TOP BRK
7+00				279		℄
8+00				273		℄
9+00				275		℄
10+00				275		℄

Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. ____
No. ____ Date ____ Date ____ Survey of ANTELOPE VALLEY WASTE WATER RECLAMATION
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed C. J. [illegible] Date ____

F. B. [illegible] Pg. 15

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F. B. 3440 Pg. 16 | Job No 8924-03 | Division No. | Notes Red | Date | Plotted | Profile
Survey of A.V. WASTE WATER RECLAMATION | Date | No.
Survey by PIERCE Notes PIERCE | Notes Chk'd. | Checked | X-Sec.
Indexed C.J. GALLI Date | Date | Date | No.

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STATION	B. S.	H. I.	F. S.	ELEV.	
LINE 'J'					
11+00				2327.8	
LINE 'K'					
0+00				272	
1+00				270	
1+30				268	50'L TOP COR PIT
2+00				269	
				272	50'L TOP BRK
3+00				274	
				277	50'L TOP BRK
4+00				270	
				274	55'L TOP BRK
5+00				273	
				284	55'L TOP BRK
6+00				283	
				276	55'L TOP COR PIT
7+00				271	
8+00				274	
9+00				290	
10+00				270	
11+00				273	
LINE 'L'					
0+00				267	
1+00				269	

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STATION	B. S.	H. I.	F. S.	ELEV.		
LINE 'L' 2+00				2327.0		℄ FLAT
3+00				271		℄
4+00				273		℄
5+00				272		℄
6+00				272		℄
7+00				270		℄
8+00				273		℄
9+00				272		℄
10+00				268		℄
11+00				264		℄
LINE 'G' 6+00				272	20'L TOP BRK	
				284	60'L " "	
6+40				262	45'L " "	
BM AVA-2				2329.72	BMAVA-2 ELEV.=2329.696 F.B. 1865-4[illegible]	
					40' N. OF E. 1/4 COR. SEC. 36 T. 8N. R. 12 W. [illegible] 3W.	
					(40TH ST. W. & AVE. F-8 A 2" I.P. & B.L. IN CONC.	
					MKD. BMAVA-2	

Profile Notes Red ____ Plotted ____ Job No. 8[illegible] Division No. ____
No. ____ Date ____ Date ____ Survey of ANTELOPE VALLEY WASTE WATER RECLAMATION
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date ____

F. B. 21/45 PG. 17

F. B. 3440 Pg. 18 | Job No. 8924.03 Division No. Notes Red Plotted Profile

Survey of A.V. WASTE WATER RECLAMATION Date Date No.

Survey by PIERCE Notes PIERCE Notes Chk'd. Checked X-Sec.

Indexed Date Date Date No.

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

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

Profile No. ____ Notes Red ____ Plotted ____ Job No. [illegible] Division No. ____
Date ____ Date ____ Survey of A.V. WATER RECLAMATION
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

J. N. [illegible]

A. V. WATER RECLAMATION

PHASE II

CONSTRUCTION STAKES

30TH ST. WEST
FROM: 1961 FT. SO. OF AVE. D
TO: AVE. F

AVE. F
FROM: 30TH ST. W.
TO: 37TH ST. W.

37TH ST. WEST
FROM: AVE. F
TO: 1160 FT. SO. OF AVE. F

MENDONCA
ALBRIGHT
RITTER
MITCHELL

ELEV.

F. S.

H. I.

B. S.

STATION

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STATION	B. S.	H. I.	F. S.	ELEV.				
B.M. #AV-365				2316.92	B.M. #AV-365 EL.=2316.92 F.B. 2142-144 AVE. D-8 & 30TH ST. W. A STD. C.S. 1/4 COR. MON., 6" DN.			
					%	GRADE	CUT	30TH ST. WEST
20+61	JOIN			—	-0.72	JOIN	JOIN	SET 1X1 STK. & TIN 6' RIGHT (WEST)
22+00				2316.24		2310.65	5.59	
23+00				16.20		10.65	5.55	
24+00				16.49		10.65	5.84	
25+00				16.81		10.65	6.16	
26+00				16.20		10.65	5.55	
27+00				16.95		10.65	6.30	
28+00 ⊙				16.73	0.00 %	10.65	6.08	
29+00				16.38		10.65	5.73	
30+00				16.23		10.65	5.58	
31+00				16.47		10.65	5.82	
32+00				16.67		10.65	6.02	
33+00				16.56		10.65	5.91	
34+00				16.47		10.65	5.82	
35+00 ⊙				16.38		10.65	5.73	
36+00				16.51		10.65	5.86	
37+00				2316.50		2310.65	5.85	

F. B. 3440 PG. 70 Job No. 8924.06 Division No. Notes Red Plotted Profile
Survey of A.V. WATER RECLAMATION Date Date No.
Survey by MENDONCA Notes J.M. Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

76-L-298 CE 307 5-66

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Profile Notes Red____ Plotted____ Job No.____ Division No.____
No.____ Date____ Date____ Survey of 30th St. West
X-Sec. Notes Chk'd.____ Checked____ Survey by____ Notes____ Date____
No.____ Date____ Date____ Map No.____ Indexed____ Date____

F. B.____ Pg.____

STATION	B. S.	H. I.	F. S.	ELEV.	T/O	FLOW LINE GRADE	SET	30th ST. WEST
38+00				2316.36		2310.65	5.71	SET IN I.P. STK. & TIN in R. GUT (In
39+00				16.55		10.65	5.90	
40+00				16.42		10.65	5.77	
41+00				16.28		10.65	5.63	
42+00				16.60		10.65	5.95	
43+00				16.79		10.65	6.14	
44+00				16.94		10.65	6.29	
45+00				17.11		10.65	6.46	
46+00				16.76	0.00%	10.65	6.11	
47+00				17.05		10.65	6.40	
48+00				17.08		10.65	6.43	
49+00				17.14		10.65	6.49	
50+00				16.98		10.65	6.33	
51+00				16.97		10.65	6.32	
52+00				17.21		10.65	6.56	
53+00				17.00		2310.65	6.35	
53+93.66	G. V.			18.43	-0.40%	2310.25	8.15	
~~54+00~~	Not set			—		~~2310.25~~	—	
54+50	Gutter BVC			17.24		2310.05	7.19	
B.M.# A.V. 366				2316.22~~24~~	-0.45%			B.M. # A.V.-366 EL. = 2316.22 FB. 2142-143, Rec. E # 30th St. A STA. C.S. SEE. COR. MON.

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.	%	FLOW LINE GRADE	CUT	30TH ST. WEST
55+00				2316.67	+0.65%	2310.37	6.30	SET 1X1 STK. & TIN 6' RIGHT (WEST)
56+00	GRADE BNK.			16.61		2311.02	5.59	
57+00				16.41		11.02	5.39	
58+00				16.89		11.02	5.87	
59+00				16.93		11.02	5.91	
60+00 ⊙				16.79	0.00%	11.02	5.77	
61+00				17.05		11.02	6.03	
62+00				17.03		11.02	6.01	
63+00				16.40		11.02	5.38	
64+00				17.08		11.02	6.06	
65+00				17.24		11.02	6.22	
66+00 ⊙				17.12		11.02	6.10	
67+00				16.82	+0.45%	2311.02	5.80	
68+00				17.24		2311.42	5.82	
69+00				17.36		11.42	5.94	
70+00				17.53		11.42	6.11	
71+00				17.66	0.00%	11.42	6.24	
72+00 ⊙				17.78		11.42	6.36	
73+00				18.20		11.42	6.78	
74+00				17.97		11.42	6.55	
75+00				2317.90		2311.42	6.48	

F. B. 3440 Pg. 22

Job No. 3224.06 Division No. Notes Red Plotted Profile

Survey of A.V. WATER RESTORATION Date Date No.

Survey by [illegible] Notes [illegible] Notes Chk'd. Checked X-Sec.

Indexed Date Date No.

76-L-298 CE 307 5-66

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	%	FLOW LINE GRADE	CUT	30TH ST. WEST
76+00				231785		2311.42	6.43	SET IV STK & TIN 6' RIGHT (
77+00				1768		11.42	6.26	
78+00 @				1775		11.42	6.33	
79+00				1773		1.42	6.31	
80+00				1768		2311.42	6.26	
B.M. #AV-367				2316 ~~53~~ 55				B.M. # A.V.-367 EL. = 231.. F.B. 2142-143, AVE. E-8 & 3.. ST. W., A STD. C.S. ½ COR. .. 18" DN.
81 ± 00				231790		2311.42	6.48	SET IV STK & TIN 6' RIGHT (
82 +00				1781	0.00 %	11.42	6.39	
83+00				1753		11.42	6.11	
84+00				1785		11.42	6.43	
85+00				1798		11.42	6.56	
86+00 @				1782		11.42	6.40	
87+00				1817		11.42	6.75	
88+00				1806		11.42	6.64	
89+00				1797		11.42	6.55	
90+00				1779		11.42	6.37	
91+00				1754		11.42	6.12	
92+00 @				1743		11.42	6.01	
93 ± 00				1743		11.42	6.01	
94 +00				231733		2311.42	5.96	

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of A.V. [illegible]
Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	%	FLOW LINE GRADE	CUT	30TH ST. WEST
95+00				2317.99		2311.42	6.57	SET 1X1 STK & TIN 6' RIGHT (WEST)
96+00				17.82		11.42	6.40	
97+00				17.61		11.42	6.19	
98+00				17.84		11.42	6.42	
99+00				17.72		11.42	6.30	
100+00				17.66		11.42	6.24	
101+00				17.75	0.00%	11.42	6.33	
102+00				17.78		11.42	6.36	
103+00				17.43 ~~47~~		11.42	6.01 ~~6.05~~	
104+00				17.58 ~~65~~		11.42	6.16 ~~6.23~~	
105+00				17.52 ~~62~~		11.42	6.10 ~~6.20~~	
106+00				17.41 ~~51~~		11.42	5.99 ~~6.09~~	
107+00				18.52 ~~62~~		11.42	7.10 ~~7.20~~	WIRE SPK.
107+15.97	90° ELBOW			2318.31 ~~41~~		2311.42	6.89 ~~6.99~~	" " {6' RIGHT (WEST) 6' NORTH
B.M. #103-5				2317.75 ~~85~~				B.M. #103-5 EL = 2317.747 F.B. 2415-11 AVE. F & 30TH ST. W. 40' SO., & 40' E. OF ℄ INT., 34' N.E. OF T.P. # K3849Y, 10.6' S.W. OF T.P. # K3819Y. A 4.5 MON. MKD. "B.M. A.V.A. 11 R.E. 63", FLUSH
								AVE. F.
0+69	90° ELBOW			2318.31	0.44%	2311.42	6.89	SET WIRE SPK & TIN {6' WEST 6' RIGHT (NORTH)
0+83	G. V.			2318.39		2311.48	6.91	" " " "
1+00				2318.42		2311.56	6.86	" " " "

F. B. 3440 PG. 24

Survey of A.V. WATER RECLAMATION Job No. 8924.06 Division No. Notes Red Plotted Profile

Survey by NEW DOUGLAS Notes J.A. Date Date No. X-Sec.

Indexed Date Notes Chk'd. Checked Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	%	FLOW LINE GRADE	CUT	AVE. F
2+00	GRADE BRK.			2318 34	+0.45%	2312.00	6.34	SET IN STK & TIN 6' RIGHT (1 [illegible] 4)
3+00				18 45		12.20	6.25	
4+00				18 66		12.40	6.26	
5+00 ⊙				18 96	+0.20%	12.60	6.36	
6+00				19 25		12.80	6.45	
7+00				19 27		13.00	6.27	
8+00				19 37		13.20	6.17	
9+00	GRADE BRK.			19 43		13.40	6.03	
10+00 ⊙				19 67	+0.00%	13.40	6.27	
11+00	GRADE BRK.			19 83		13.40	6.43	
12+00				20 06		13.60	6.46	
13+00				20 18		13.80	6.38	
14+00				20 29		14.00	6.29	
15+00 ⊙				20 60		14.20	6.40	
16+00				20 94	+0.20%	14.40	6.54	
17+00				21 15		14.60	6.55	
18+00				21 16		14.80	6.36	
19+00				21 33		15.00	6.33	
20+00 ⊙				21 72		15.20	6.52	
21+00				21 96		15.40	6.56	
22+00				2322 14		2315.60	6.54	

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

F. B. ____ Pg. ____

76-L-298 CE 307 5-66

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F. B. 3440 Pg. 1-6 Job No. 89406 Division No. Notes Red Plotted Profile
Survey of A.L. KUESTER & ASSOCIATES Date Date No.
Survey by [illegible] Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	%	FLOW LINE GRADE	SLOPE	AVE. F
23+00				23.22.39		23 15.80	6.56	SAT IN STK. & TIN 6' RIGHT (NORTH)
24+00				22.64		16.00	6.64	
25+00 ℄				22.69		16.20	6.49	
26+00				23.07		16.40	6.67	
27+00				23.16		16.60	6.56	
28+00				23.47		16.80	6.67	
29+00				23.65		17.00	6.65	
30+00				23.75		17.20	6.55	
31+00				23.93		17.40	6.53	
32+00				24.07		17.60	6.47	
33+00 ℄				24.35		17.80	6.55	
34+00				24.53		18.00	6.54	
35+00				24.87		18.20	6.67	
36+00				25.01		18.40	6.61	
37+00				25.33		18.60	6.73	
38+00 ℄	GRADE BRK.			25.44		18.80	6.64	
39+00				25.63		18.80	6.83	
40+00				25.81		18.80	7.01	
40+84.63	G. V.			25.70		18.80	6.90	
41+98.88	90° ELBOW			23.25.71		23 18.80	6.91	(6 FT. NORTH & 6 FT. WEST)

+0.20%

-0.00%

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	%	FLOW LINE GRADE	CUT	37TH ST. WEST
1+20	90° ELBOW			2325.71		2318.80	6.91	SET 1X1 STK. & TIN (6' NORTH 6' RIGHT (...))
2+00				24.92		18.80	6.12	
3+00				25.00		18.80	6.20	
4+00				24.59		18.80	5.79	
5+00 ⊙				24.43		18.80	5.63	
6+00				25.11	0.00%	18.80	6.31	
7+00				24.23		18.80	5.43	
8+00				25.15		18.80	6.35	
9+00 ⊙				24.80		18.80	6.00	
10+00				24.52		18.80	5.72	
11+00				25.25		18.80	6.45	
12+00				25.25		18.80	6.45	
12+60	END (PLUG)			2324.97		2318.80	6.17	
B.M. #103-6				2322.77		B.M. #103-6 EL. = 2322.772 F.B. 2415 [illegible] AVE. F & 35TH ST. W., 73.6 FT. W. OF T.P. [illegible] & 40 FT SO. OF ℄ OF AVE. F. A C.S. B.M. [illegible] MKD. "B.M. A.V.A. 10 R.E 63", FLUSH		

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F.B. 244 Pg. 27
X-Sec. No. ____ Date ____ Date ____ Survey of A.V. WATER RECLAMATION
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 3440 Pg. 28 Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

76-L-295 CE 307 2-63

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Notes Ck'd by	Survey of A.V. Waste Water Project	F.B. Pg. 79
Map No.	J.N. 8924.02 Page 1.5.B Sheet 84	
Office Work	Surveyed by J.S. Coates	
Checked	Notes J.S.C. Date 6/17/68	
Date	Indexed	

J.N. 8924.02

ANTELOPE VALLEY WASTE WATER RECLAMATION PROJECT

SPEC. # CC 6333

COATES
VAN NESS
ADAMS

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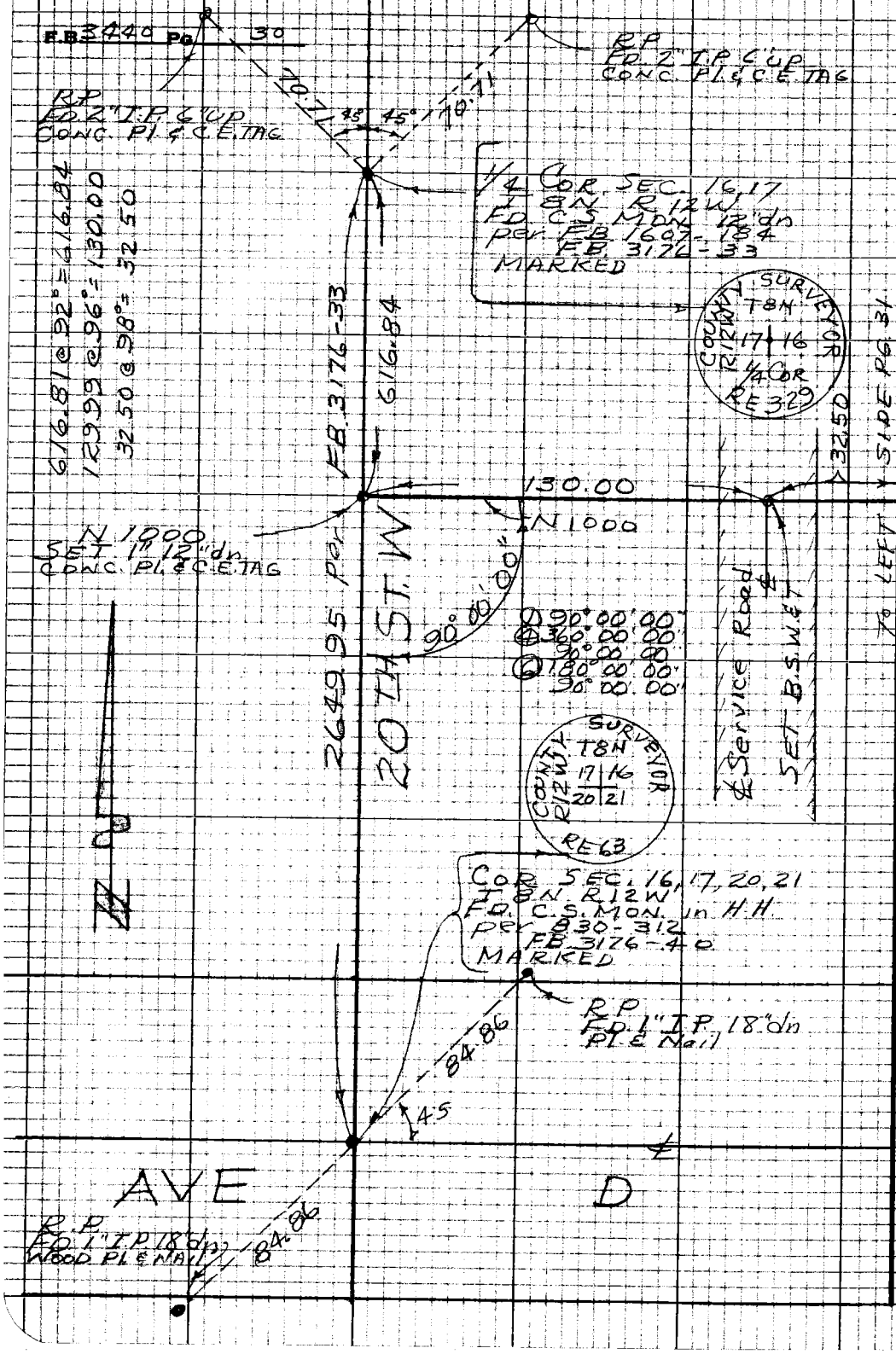
76P3098 CE #310 5-66



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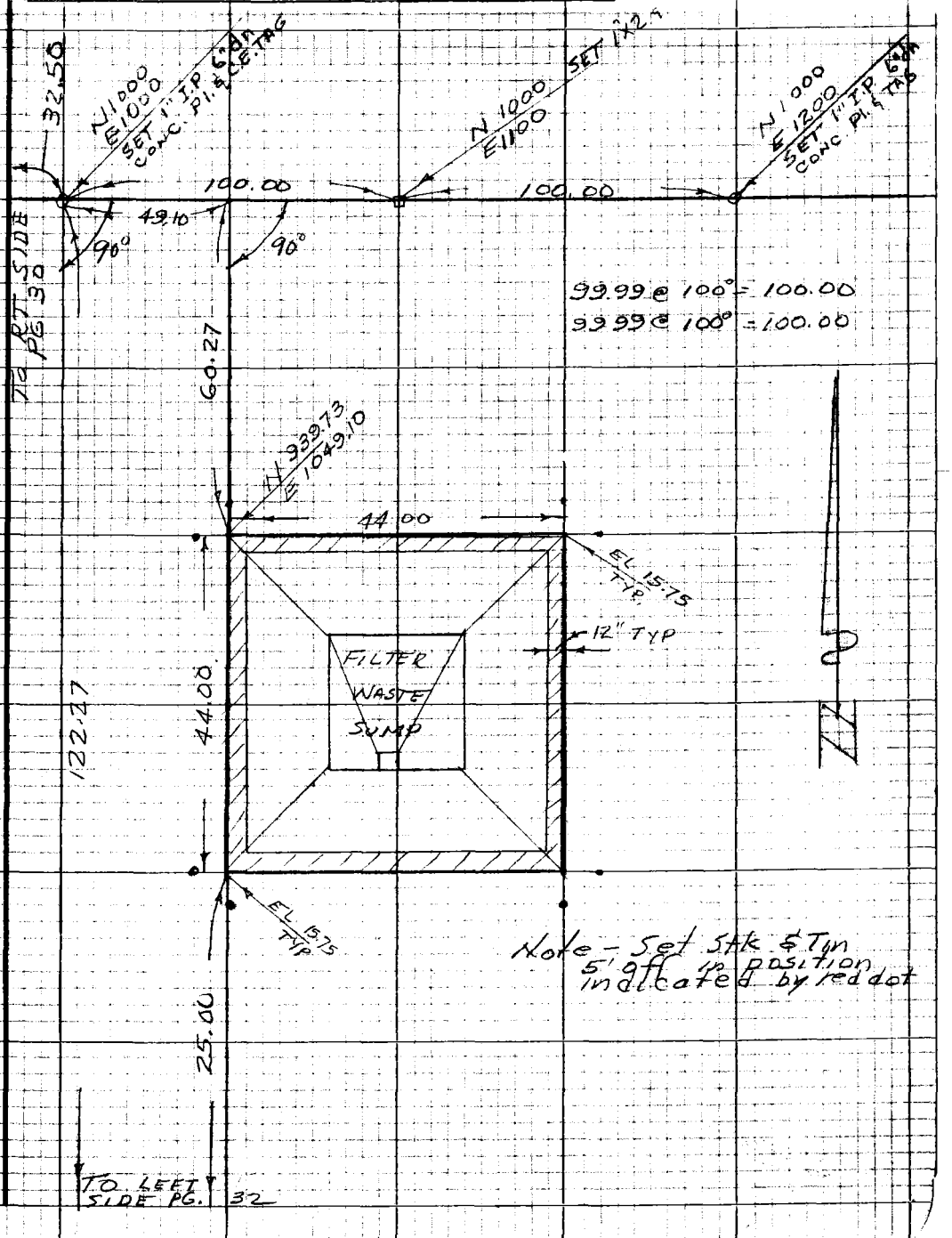
Notes Ck'd by	Survey of DV Waste Water
Map No.	IN 792402 Tape 133
Office Work	Surveyed by JS Cortes
Checked	Notes JSC Date 6/19/68
Date	Indexed

PROJECT F.B. Pg. 31



Note - Set Stk & Tin 5' off in position indicated by red dot

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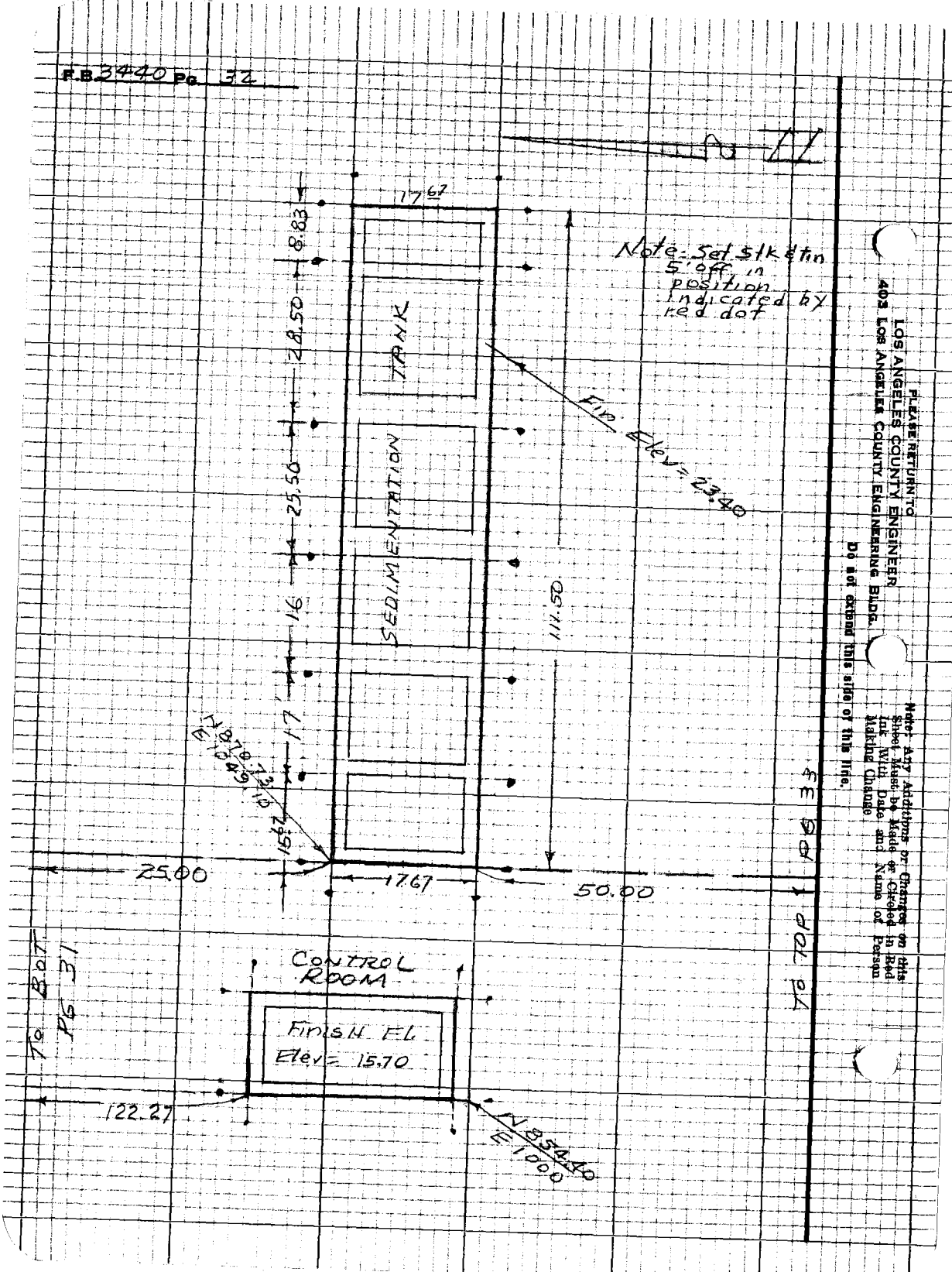
F.B. 3440 Pg. 32



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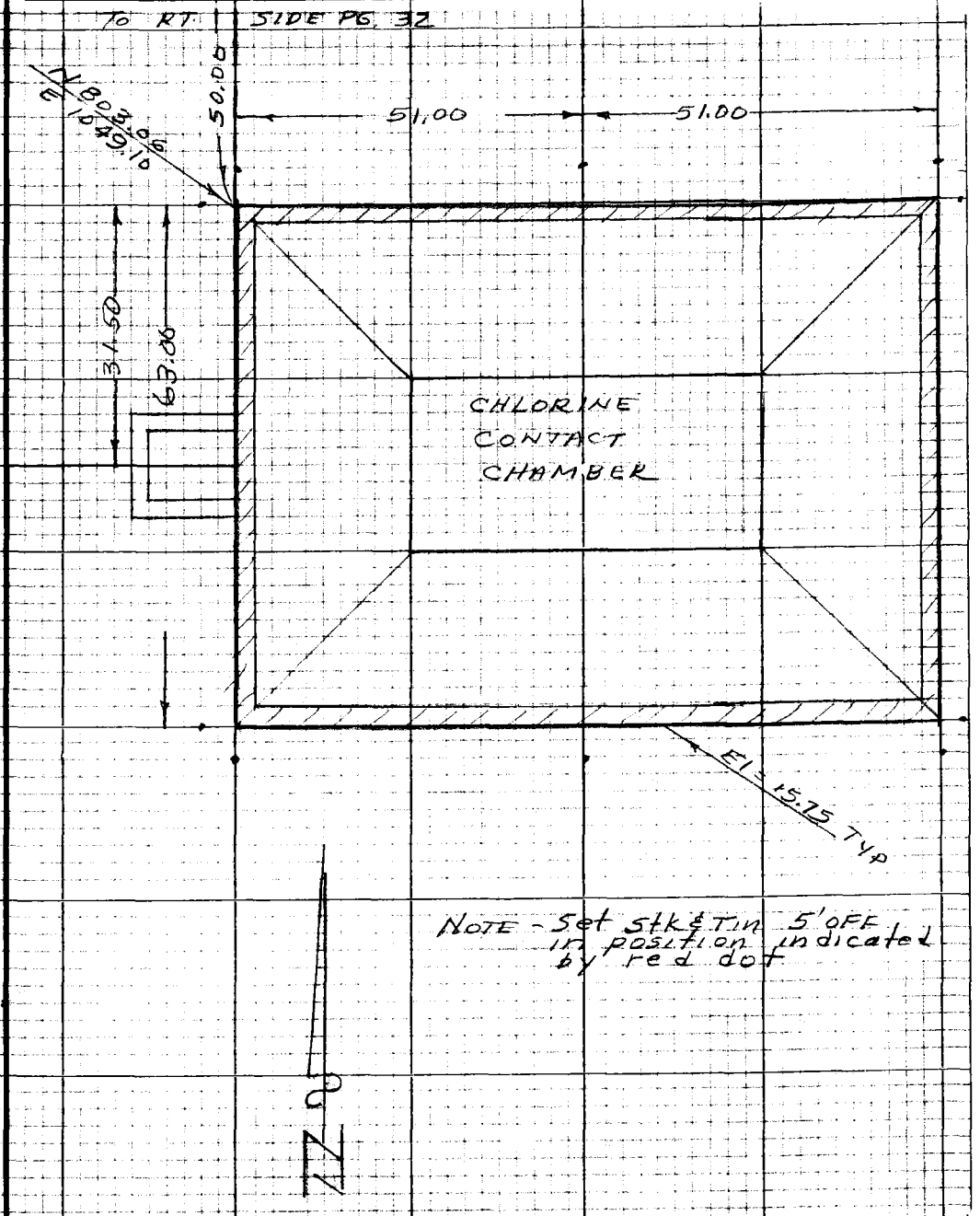
Notes Ck'd by	Survey of A.V. Wastewater Project F.B. 3440 Pg. 32
Map No.	[illegible] Type 33 Std 84
Office Work	Surveyed by JS Coates
Checked	Notes JSC Date 6/19/68
Date	Indexed



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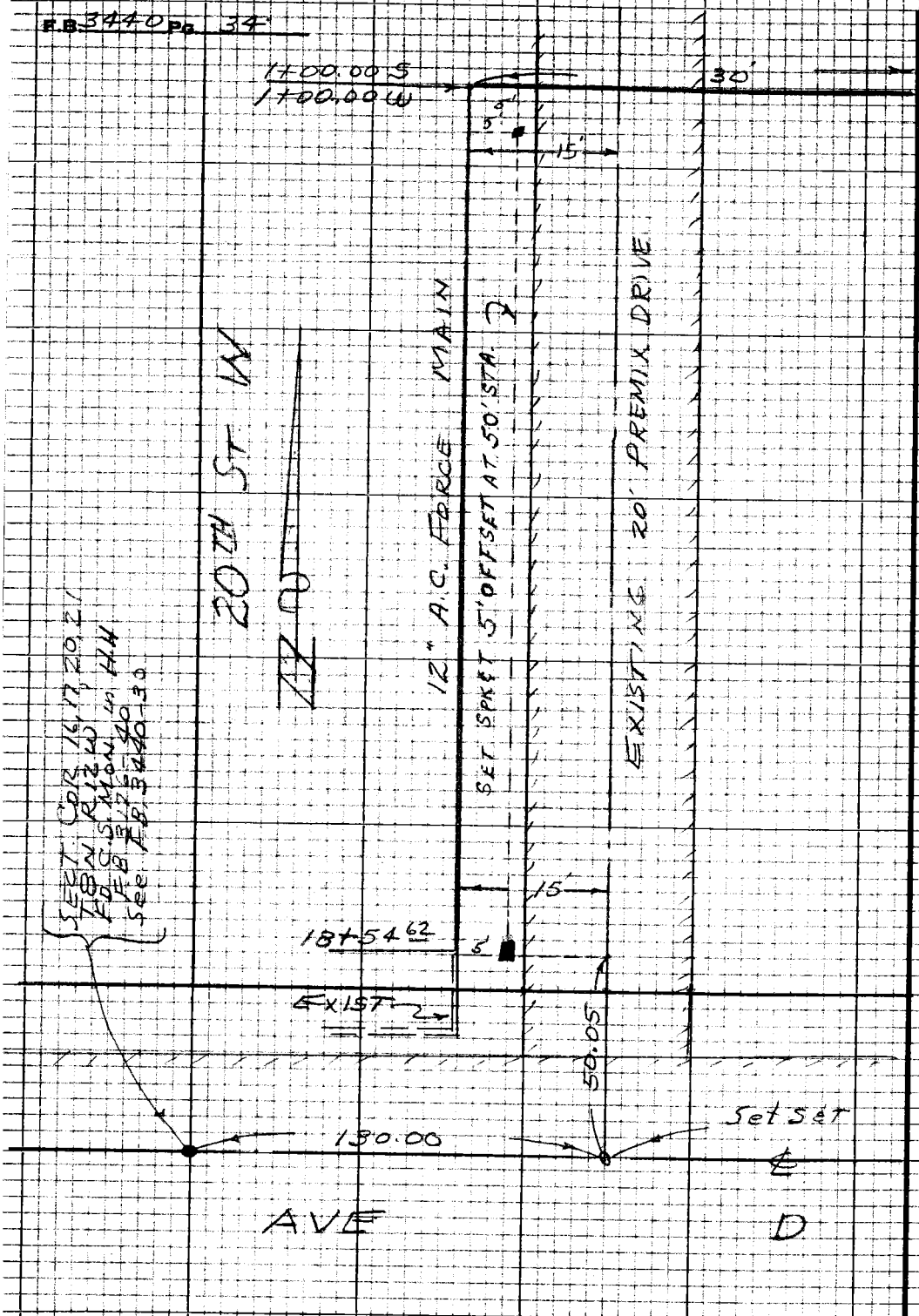
76P3098 CE #310 8-66

F.B. 3440 Pg. 34



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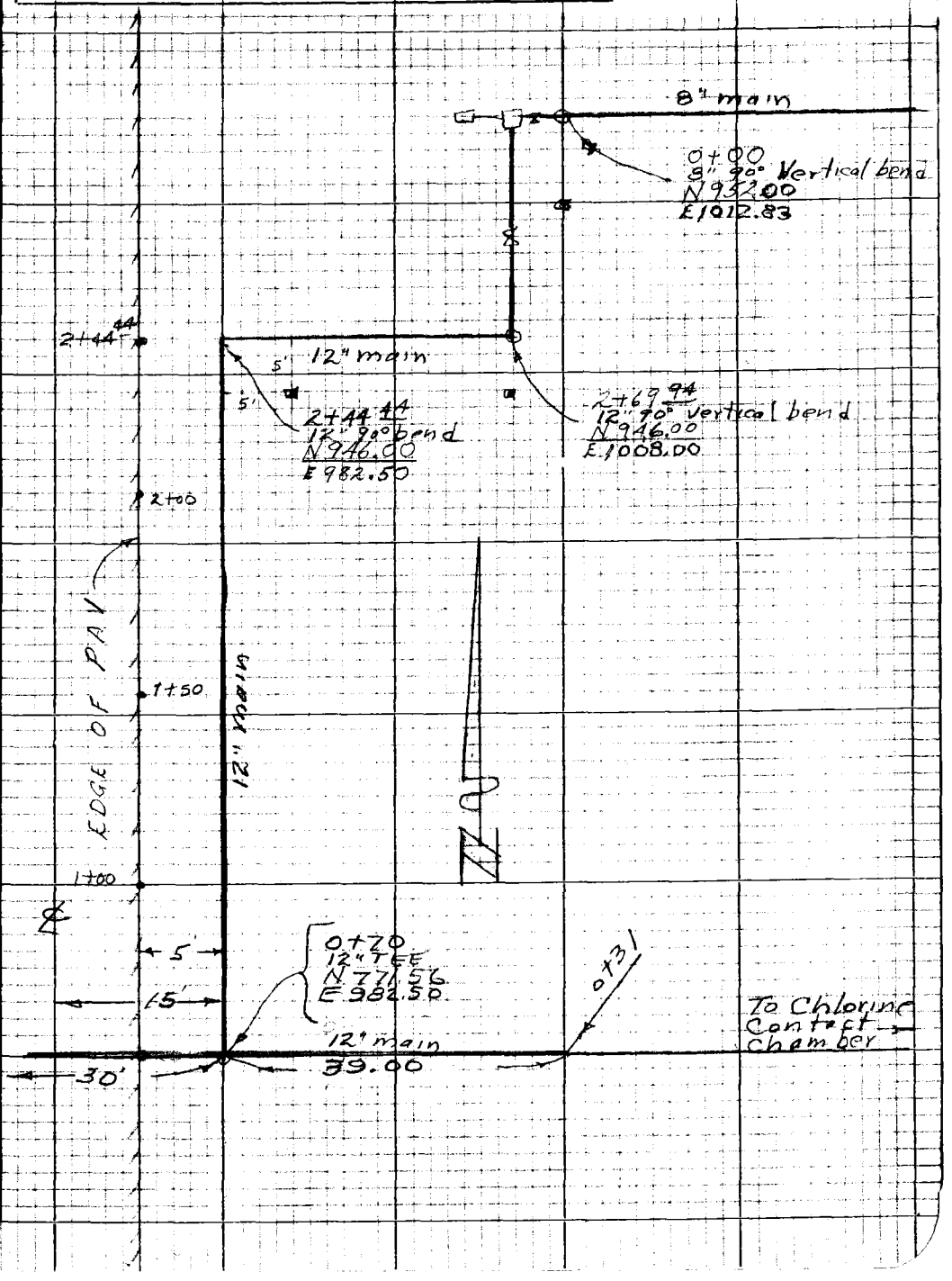
Notes Ck'd by	Survey of A.V. Waste Water
Map No.	ID 9924.02 Tape 133 Std 84 °F
Office Work	Surveyed by
Checked	Notes JSC Date 6/19/68
Date	Indexed

Project F.B. 3111 Pg. 35



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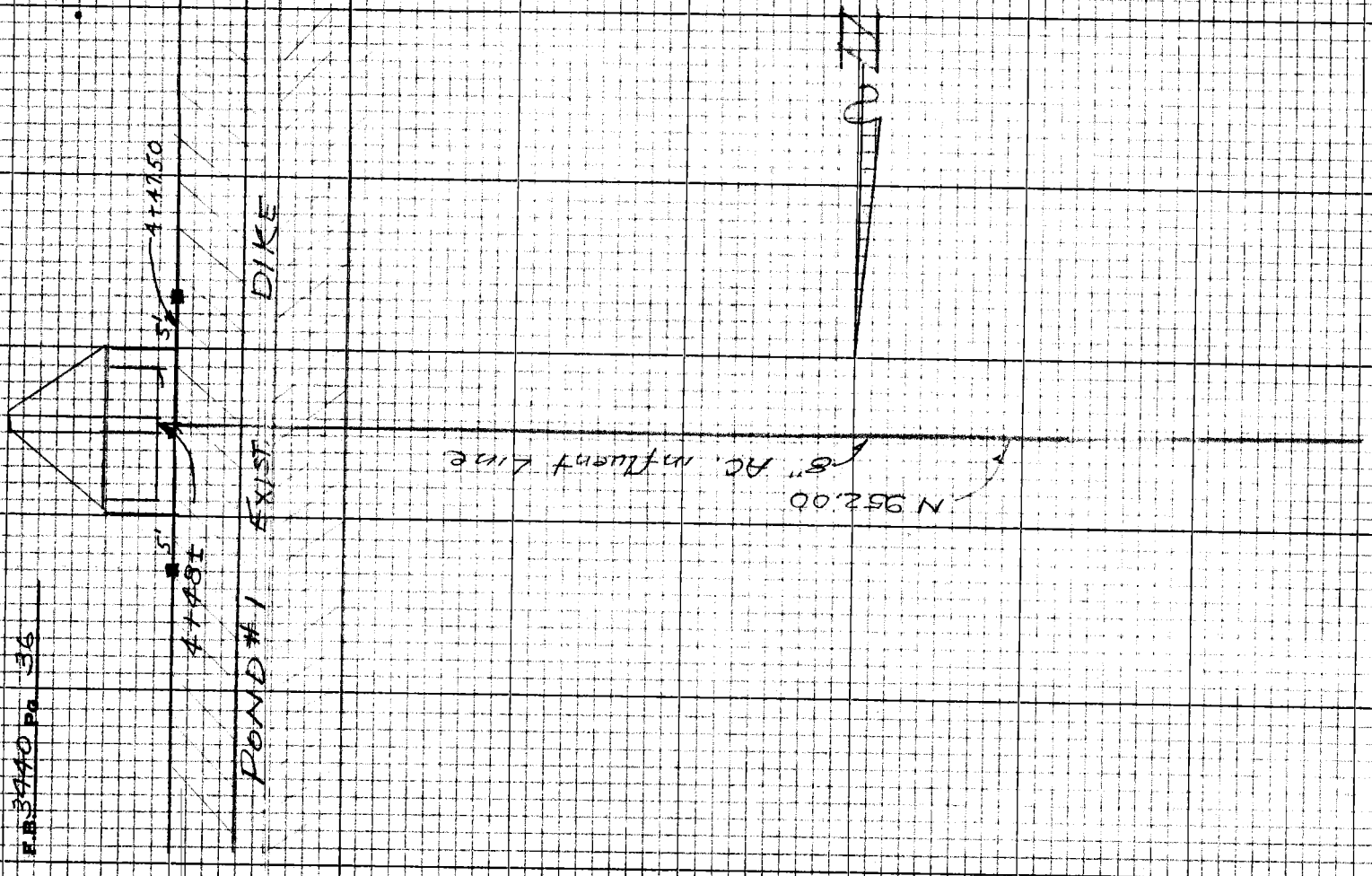
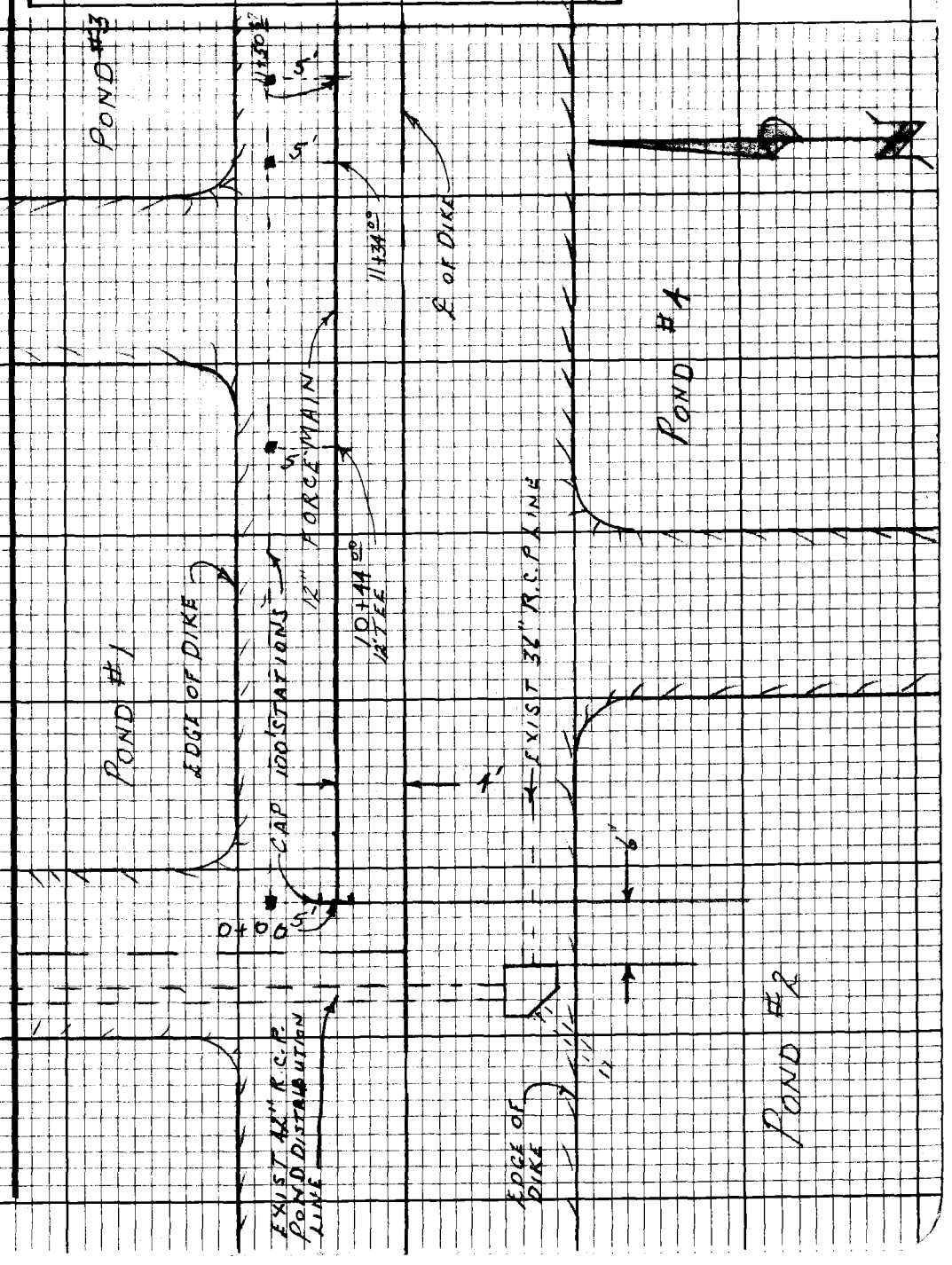


Notes Ck'd by	Survey of A V WASTEWATER
Map No.	JN 8824-02 Tape 133 Std 24 °F
Office Work	Surveyed by G.L. VAN NESS
Checked	Notes G.L. VAN NESS Date 7-3-68
Date	Indexed

F.B. 3440 Pg. 37



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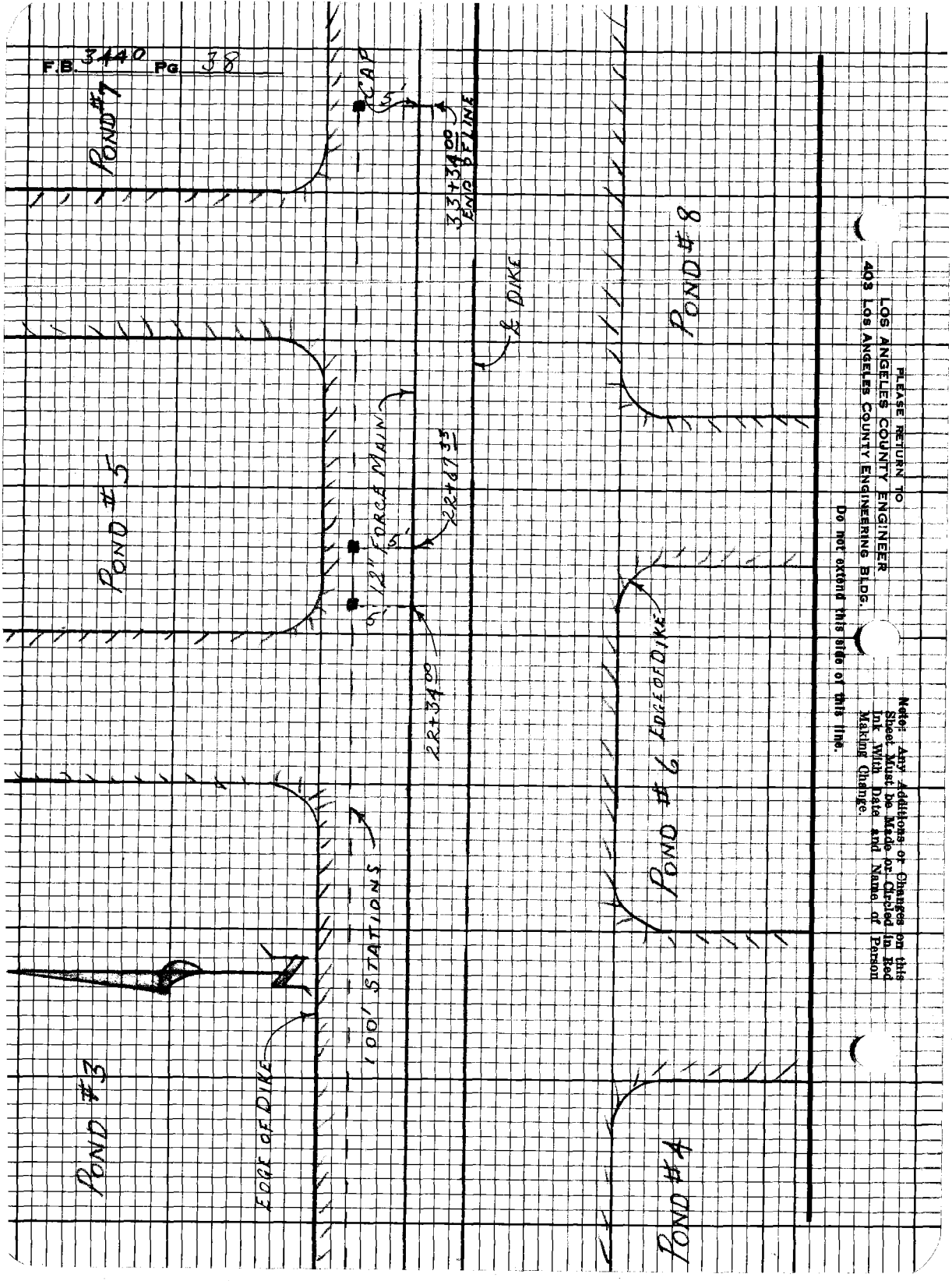
76F3098 CE#310 9-67



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Profile	Notes Red	Plotted	Job No. 8924.02	Division No.	F.B. 3440	Pg. 39
No.	Date	Date	Survey of A.V. Waste Water Recl Project			
X-Sec.	Notes Chkd.	Checked	Survey by J.S. [illegible]	Notes [illegible]	Date 6/12/68	
No.	Date	Date	Map No.	Indexed	Date	

J.N. 8924.02

A.V. WASTE WATER

RECLAMATION PROJECT

SPEC. # CC 6333

Note. Grade sheets for water main given to Contractor. Grade for bldg. was not calc. in regard to cut or fill. the contractor wanted Elev. only marked on stake. JSC

COATES
VAN NESS
ADAMS

ELEV.

F.S.

H.I.

B.S.

STATION

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76-L-298 CE 307 2-63

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F.B. 3440 Pg. 40 | Job No. 8924.02 Division No. | Notes Red | Plotted | Profile
Survey of A.V. Waste Water Rec. Project | Date | No. | X-Sec.
Survey by J.S.C. Notes J.S.C. | Notes Chkd. | Checked
Indexed | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	%	Invert Grade	CUT		
BM-1				2316.04				BM El. 2316.04 per Sheet 2	
								2" PK set in Conc. Floor on W. side of E. door of Exist. Utility bldg.	
BM-2				2315.415				N1000 E1000 top 1" pipe	
BM-3				2317.26				N'Ly Corner Conc. Box for Valve on 24" plant bypass	
	12" A.C. Temp by pass								
0+70.00	"T"			14.89		2309.01	5.88	Set Stk & Tin 5' OFF & P.P.	
1+00				14.98		09.13	5.85		
1+50				15.07		09.34	5.73		
2+00				15.03		09.54	5.49		
2+44.44				15.08		2309.73	5.35		
2+49.44				15.02		09.84	5.18		
2+69.94				15.37		2310.27	5.10		
	8" A.C. Temp by pass								
0+00				15.54		2308.67	6.87		
0+50				15.16		"	6.49		
0+90				15.01		"	6.34		
1+00				14.98		"	6.31		
+50				15.25		"	6.58		
2+00				15.68		"	7.01		
+50				15.58		"	6.91		
3+00				15.81		"	7.14		
+50				2315.80		"	7.13		

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	%	Invert Elev.	CUT	
4+00				2316.25	0.00%	2308.67	7.58	Set Stk & Tin 5' off ℄ [illegible]
BM. - 4				2315.13	B.M N1000 E 1200 Top 1" I.P C.E. TAG [illegible]			
	FILTER WASTE SUMP							
NW. Cor				2315.35				5' W
"				15.35				5' N
NE Cor				14.97				5' N
"				14.99				5' E
SE Cor				15.03				5' E
"				15.03				5' S
SW Cor				15.10				5' S
				15.05				5' W
	SEDIMENTATION TANK							
NW Cor				2315.18				5' W
"				15.17				5' N
"				15.18				" & 15.67 E
"				15.19				" & 32.67 E
"				15.01				" & 48.67 E
"				15.02				" & 74.17 E
"				14.98				" & 102.67 E
N.E Cor				15.07				" & 111.50 E

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8924.02 Division No. ____ F.B. 344 Pg. 41
X-Sec. No. ____ Date ____ Date ____ Survey of A.V. WASTES WATER RECL. PROJECT
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L-298 CE 307 2-63

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F. B. 3440 Pg. 42 | Job No. 8924.07 Division No. | Notes Red | Plotted | Profile
Survey of A.V. Waste Water Project | Date | Date | No.
Survey by JSC | Notes JSC | Notes Chkd. | Checked | X-Sec. No.
Indexed | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.		
		SEDIMENTATION TANK				
NE Cor				2315.17		5'E
S.E. Cor				15.14		5'E
"				15.03		5'S & 111.50 E. S.W. Cor
"				1502		" & 102.67 E "
"				1512		" & 74.17 E "
"				1564		" 48.67 E "
"				1513		" 32.67 E "
"				1508		" 15.67 E "
S. W. Cor				1510		5'S
"				1512		5'W
		CHLORINE CONTACT CHAMBER				
N.W Cor				2315.08		5'W
"				1507		5'N
ctr. N. Side				1495		5'N
N.E Cor				1497		5'N
"				1501		5'E
S.E Cor				1493		5'E
"				1493		5'S
ctr S. Side				1483		5'S

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.		
	Chlorine	Contact	Chamber			
S.W. Cor				2314.88		5' S
"				14 82		5' W
	CONTROL	ROOM				
NW Cor				2315.20		5' W
"				15.20		5' N
NE Cor				15 16		5' N
"				15 14		5' E
SE Cor				15 12		5' E
"				15 10		5' S
SW Cor				15 21		5' S
"				15 22		5' W
BM #5				2314.88	BM #5 Elev. 2314.88 B.S. in Conc. base to Fence Post near S.E. Cor. of Chlorine Contact Cham 2	
BM # 1				2316.04	BM #5 Elev. 2316.04 per Sheet	

Profile Notes Red. Plotted. Job No. Division No.
No. Date Date Survey of A.V. Waste Water Project
X-Sec. Notes Chkd. Checked Survey by
No. Date Date Map No. Notes Date
Indexed Date

F.B. 3440 Pg. 43

F. B. Pg. 44

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

76-L-298 CE 367 2-63

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F.B. 3440 Pg. 45

Profile No.	Notes Red	Plotted	Job No. 8924.02	Division No. 11
	Date	Date	Survey of A.V. WASTE WATER RECL. PROJECT	
X-Sec. No.	Notes Chkd	Checked	Survey by G.L. VanNess	Notes G.L. VanNess Date 7-2-68
	Date	Date	Map No.	Indexed Date

J.N. 8924.02

A.V. WASTE WATER

RECLAMATION PROJECT

SPEC. # C.C. 6333

GRADE STAKES FOR 12" A.C. FORCE MAIN

STATION	B.S.	H.I.	F.S.	ELEV.
			VAN NESS ADAMS SIDWELL RAY	

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.					
B.M. #2				2315.415	B.M. #2 EL.=2315.415				F.B. 3440-38
					FD. 1" I.P. C.E. TAG & N				000 E 1000
					%		CUT	SET	SPK. & T 5' LEFT OR EAST
1+00				NOT SET		2308.64			
1+05				2314.92		08.64	6.28		
+50				14.81		08.60	6.21		
2+00				14.73		08.56	6.17		
+50				14.83		08.52	6.31		
3+00				14.78		08.48	6.30		
+50				14.71		08.44	6.27		
4+00				14.59	0.08%	08.40	6.19		
+50				14.46		08.36	6.10		
5+00				14.45		08.32	6.13		
+50				14.44		08.28	6.16		
6+00				14.37		08.24	6.13		
+50				14.28		08.20	6.08		
7+00				14.17		08.16	6.01		
+50				14.13		08.12	6.01		
8+00				14.13		2308.08	6.05		
+50				14.11		08.02	6.09		
9+00				14.01	0.12%	07.96	6.05		
+50				14.01		2307.90	6.11		

F.B. 3440 PG. 46

Job No. 8924.02 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of A.V. WASTE WATER REC. PROJECT Date ____ Date ____ No. ____
Survey by G.L. VAN NESS Notes G.L. VAN NESS Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed ____ Date 7-2-68 Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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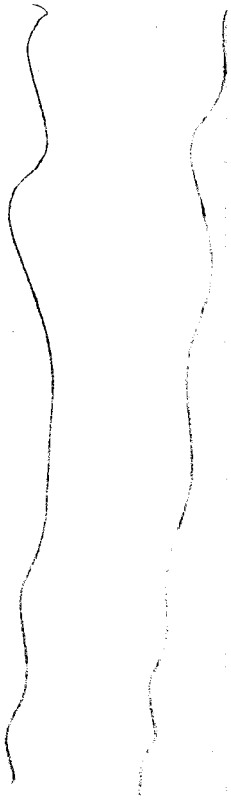
Profile Notes Red____ Plotted____ Job No. 744 G Division No.____
No.____ Date____ Date____ Survey of A. V. WATER MAIN PROJECT
X-Sec. Notes Chk'd.____ Checked____ Survey by____ Notes____ Date____
No.____ Date____ Date____ Map No.____ Indexed____ Date____

F. B. 744 G Pg. 47

STATION	B. S.	H. I.	F. S.	ELEV.	%		CUT	SET SPK & T 5' LEFT OF
10+00				23.1399		2307.84	615	
+50				1398		07.78	620	
11+00				1400		07.72	626	
+50				1398		07.66	626	
12+00				1388		07.60	628	
+50				1388		07.54	634	
13+00				1382		07.48	640	
+50				1382		07.42	646	
14+00				1343		07.36	657	
+50				1399	0.12%	07.30	660	
15+00				1389		07.24	665	
+50				1381		07.18	669	
16+00				1387		07.12	675	
+50				1381		07.06	681	
17+00				1389		07.00	687	
+50				1379		06.94	693	
18+00				1387		06.88	699	
+54.62	JOIN EXISTING 12" A.C. PIPE			1392		2306.82	710	
TP				1398				
TP				1407				
TP				1427				



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F. B. Pg. 48 Job No. Division No. Notes Red Plotted Profile
Survey of Date Date No. X-Sec.
Survey by Notes Notes Chk'd. Checked No.
Indexed Date Date Date

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
T. P.				2314 84		
B.M. #5				14 90	B.M. #5 ELEV. = 2314.88 F.B. 3440- B.S. IN CONC. BASE TO FENCE POST NEAR S.E. COR. OF CHLORINE CONTACT CHAMBER	

F. B. 3440 PG. 40

Profile No.	Notes Red	Plotted	Job No. 8924.02	Division No. 11	
	Date	Date	Survey of A.V. WASTE WATER RECL. PROJECT		
X-Sec. No.	Notes Chk'd.	Checked	Survey by [illegible]	Notes [illegible]	Date [illegible]
	Date	Date	Map No.	Indexed	Date

J.N 8924.02

A.V. WASTE WATER

RECLMATION PROJECT

SPEC. # 6333

GRADE STAKES FOR 12" FORCE MAIN

(POND RECIRULATION LINE)

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

VAN NESS
ADAMS
SIDWELL
RAY

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.					
B.M. #5				2314.88	BM #5 EL. 2314.88 F.B. 3440 — B.S. IN CONC. BASE TO FENCE POST NEAR S.E. COR. OF CHLORINE CONTACT CHAMBER				
					%	IN VERT GRADE	CUT	SET STK & T OR CHIS "X" IN CONC.	5' LEFT OR N. & PIPE
0+00				19.79		2316.00	3.79	STK	
1+00				19.70		"	3.70		CHIS "X"
2+00				19.90		"	3.90	STK.	
3+00				20.00		"	4.00	STK	
4+00				19.73	0.00%	"	3.73	STK	
5+00				19.48		"	3.48	STK	
6+00				19.77		"	3.77		"X"
7+00				19.59		"	3.59	STK	
8+00				19.57		"	3.57	STK	
9+00				19.71		"	3.71	STK	
10+00				19.29		"	3.29		"X"
+44.00	12" TEE & THRUST BLK.			19.21		"	3.21		"X"
11+00				19.58			3.58	STK	
11+34.00	GRADE CHANGE			19.77		2316.00	3.77	STK	
11+50.67	GRADE CHANGE			19.45		2315.00	4.45	STK	
12+00				18.88	0.00%	"	3.88	STK	
13+00				18.75		"	3.75		"X"
14+00				18.32		"	3.32		"X"

F. B. 3440 Pg. 50

Job No. 892402 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of A. V. WASTE WATER REC. PROJECT Date ____ Date ____ No. ____
Survey by G. L. VAN NESS Notes G.L.V. Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed ____ Date 7-3-68 Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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Profile Notes Red. Plotted Job No. Division No.
No. Date Date Survey of AV WASTE WATER Road Project
X-Sec. Notes Chk'd. Checked Survey by Notes
No. Date Date Map No. Indexed Date Date

F. B. 3440 Pg.

STATION	B. S.	H. I.	F. S.	ELEV.	%	INVERT GRADE	CUT	SET STK ET OR LEFT ORN. CHIS"X" IN CONC	
15+00				23.18.30		23.15.00	3.30		CHIS"X"
16+00				18.51		"	3.51		"X"
17+00				18.80		"	3.80	STK	
18+00				18.28		"	3.28	STK	
19+00				18.59		"	3.59	STK	
20+00				18.36	0.00%	"	3.36	STK	
21+00				18.35		"	3.35		"X"
22+00				18.83		"	3.83	STK	
+34.00	GRADE CHANGE			18.60		23.15.00	3.60	STK	
+67.33	GRADE CHANGE			16.72		23.13.00	3.72	STK.	
23+00				16.25		"	3.25		"X"
24+00				16.48		"	3.48	STK	
25+00				16.31		"	3.31		"X"
26+00				16.35		"	3.35		"X"
27+00				16.65		"	3.65		
28+00				16.45		"	3.45		
29+00				16.34	0.00%	"	3.34		"X"
30+00				16.61		"	3.61		"X"
31+00				16.49		"	3.49		
32+00				16.41		"	3.41		"X"
33+00				16.87		23.13.00	3.87	STK	

76-L-298 CE 307 5-66

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F. B. 3440 Pg. 52 | Job No. 8924.02 Division No. 11 Notes Red Plotted Profile
Survey of A.V. WASTE WATER RECLAMATION PROJECT Date Date No.
Survey by G.L. VANNESS Notes G.L. VANNESS Notes Chk'd. Checked X-Sec.
Indexed Date 7-3-68 Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	%	INVERT GRADE	CUT		
33+34	END OF LINE			2316.71		2313.00	3.71	STK	
T. P.				1634					
T. P.				1652					
T. P.				1864					
T. P.				1839					
T. P.				1977					
T. P.				1980					
T. P.				2014					
B.M. #5				2314.92	B.M. #5 EL. 2314.88 F.B. 3440 B.S. IN Conc. Base To Fence Post Near S.E. Cor. Of Chlorine Contact Chamber				

F. B. 3440 PG. 47

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 6A-126 Division No. ____
X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey of A.V. WASTE WATER REC. PROJECT Survey by ____ Notes ____ Date ____ Map No. ____ Indexed ____ Date ____

J.N. 8724 C2

A.V. WASTE WATER RECLAMATION PROJECT

LOCATIONS & ELEVATIONS

OF

EXISTING STRUCTURE IN BOTTOM OF POND No. 1

NOTE: THIS STRUCTURE INTERFERS WITH PROPOSED STRUCTURE PER PLAN 7-23-68

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

VANNESS
SIDWELL
RAY

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F.B. 3440 Pg. 54

Job No 8824.02 Division No. 11 Notes Red Plotted Profile
Survey of A.V. WASTE WATER RECL. PROJECT Date No. X-Sec.
Survey by LAWNESS Notes VAN NESS Notes Chk'd. Checked
Indexed Date 7-23-68 Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
					EXIST. 10" CONC. SUPPORT OF DIKE EDGE	
EXISTING 18" CONC. OUTFALL PIPE		0.80				
℄ PROPOSED PIPE & STRUCTURE		4.19	4+48.5±			EXIST. ℄ NEW PIPE PER PLAN
PROPOSED INLET STRUCTURE		6.22	4+47.5± PER PLAN			
B.M. #2				2315.42	B.M. #2 EL.=2315.415 FD 1" I.P. C.E. TAG IN	F.B. 3440-38 N1000 E1000
TOP EXIST. CONC. STRUCTURE				2314.35		
TOP EXIST. 18" PIPE				2313.40		
B.M. #2				2315.42	FOR DESCR. SEE ABOVE	

Notes Ck'd by	Survey of A.V. RECLAMATION PROJECT F. B. 3440 PG. 55
Map No.	JN C.P. 8924.03 Taper 2.14 Std 8.4 °F
Office Work	Surveyed by J. S. COATES
Checked	Notes J. S. C. Date 4-15-69
Date	Indexed

C.P. 8924.03

A.V. RECLAMATION PROJECT

GENERAL DEVELOPEMENT

PHASE I

BOUNDARY SURVEY

COATES
VAN NESS
SIDWELL
ADAMS

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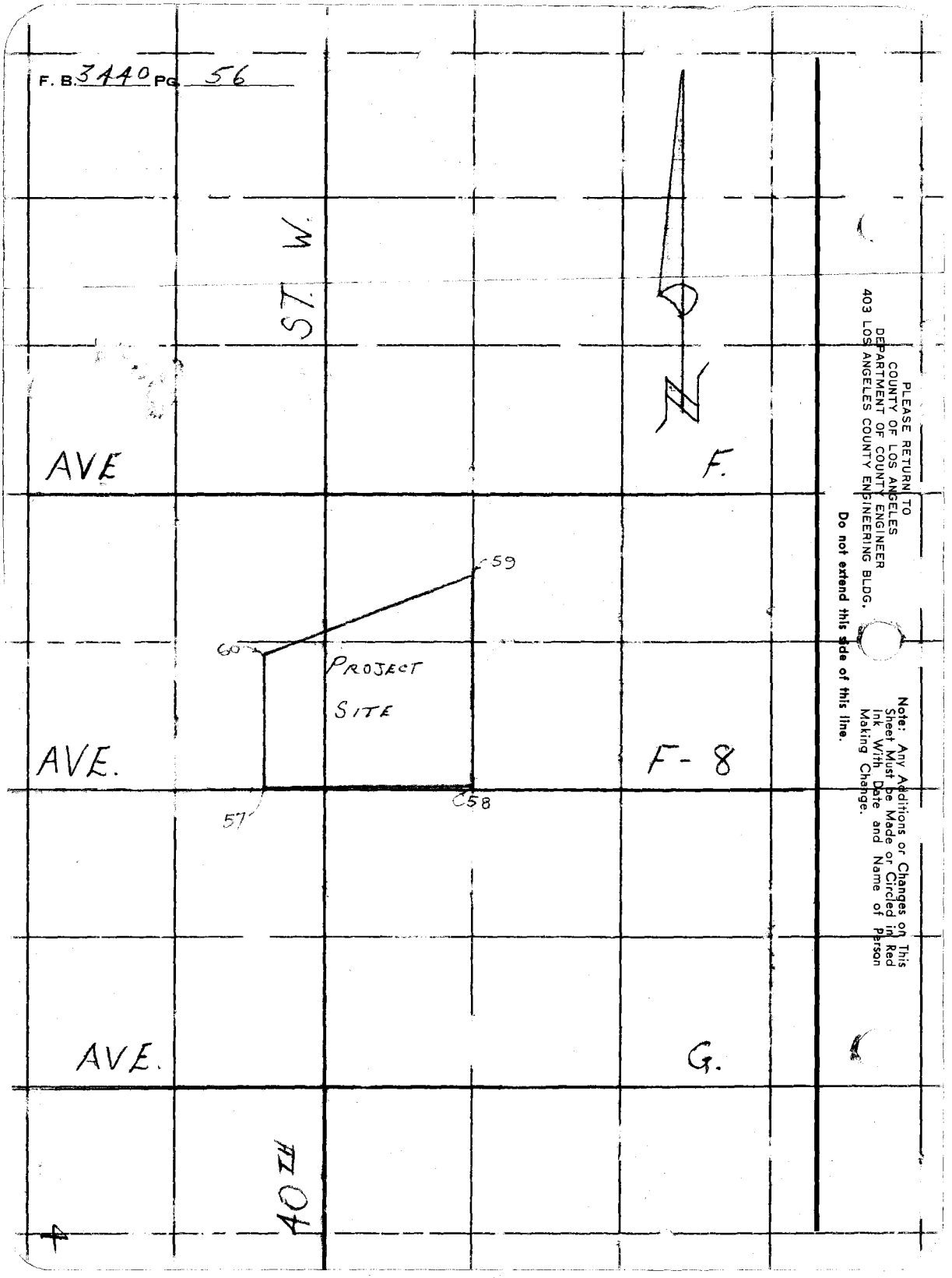
F. B. 3440 PG. 56



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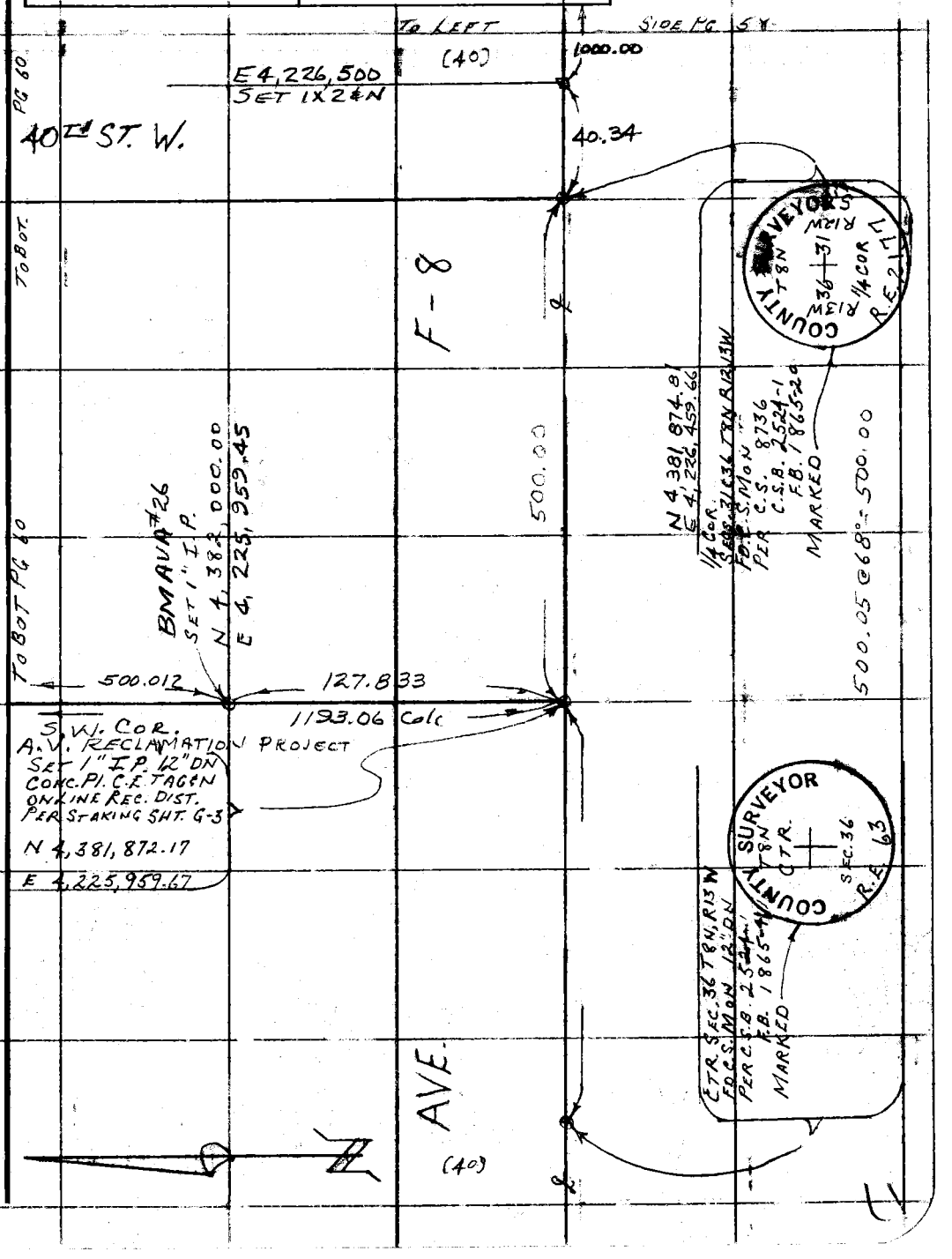
Notes Ck'd by	Survey of A.V. Reclamation Project
Map No.	JN 8724-03 Tape 210 Std. 84 °F
Office Work	Surveyed by J. S. Cortes
Checked	Notes J.S.C. Date 4-15-69
Date	Indexed

F. B. 7440 PG. 77



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W.S. 71, C-3

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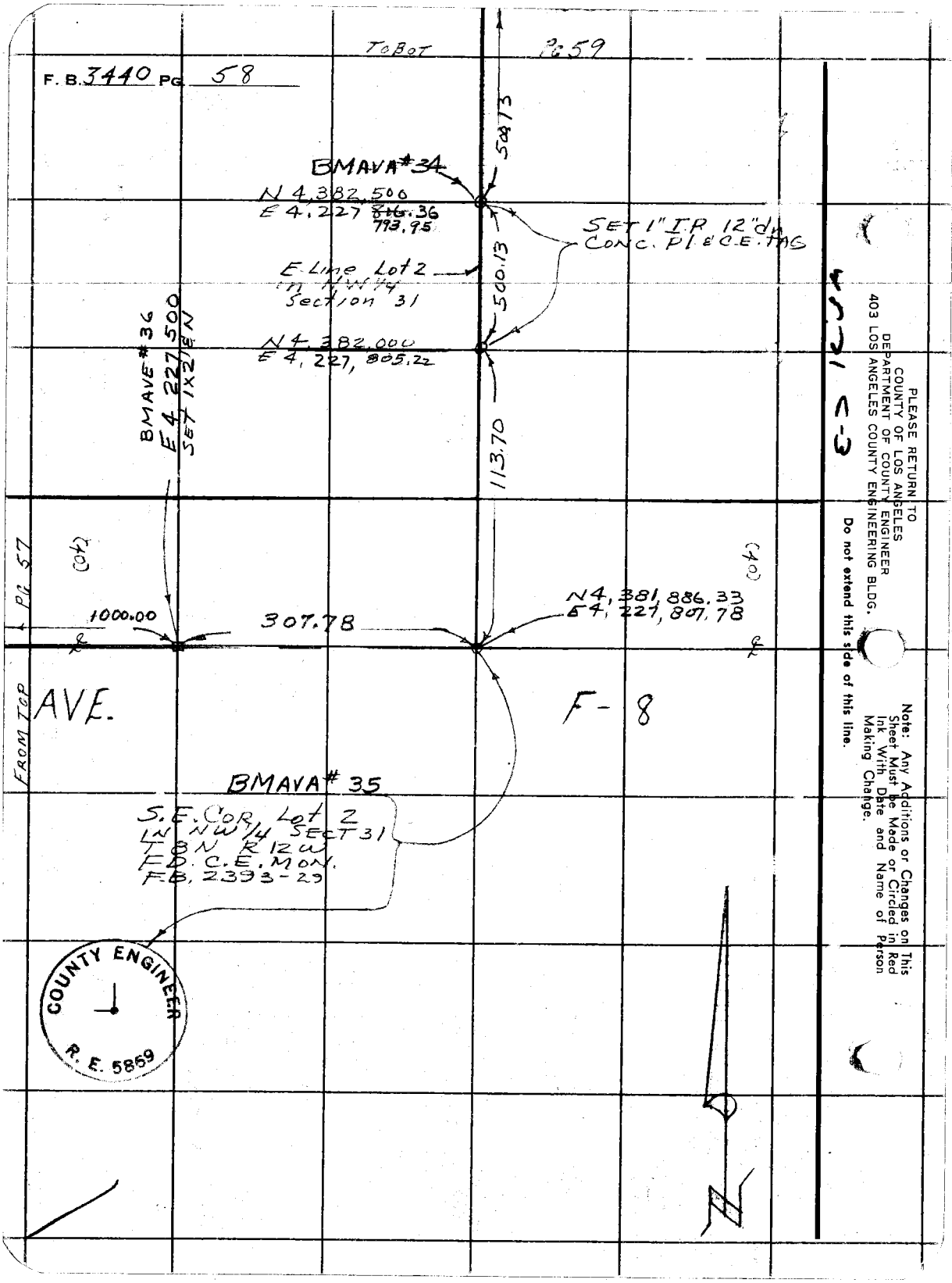
76F309S CE#310 3-68



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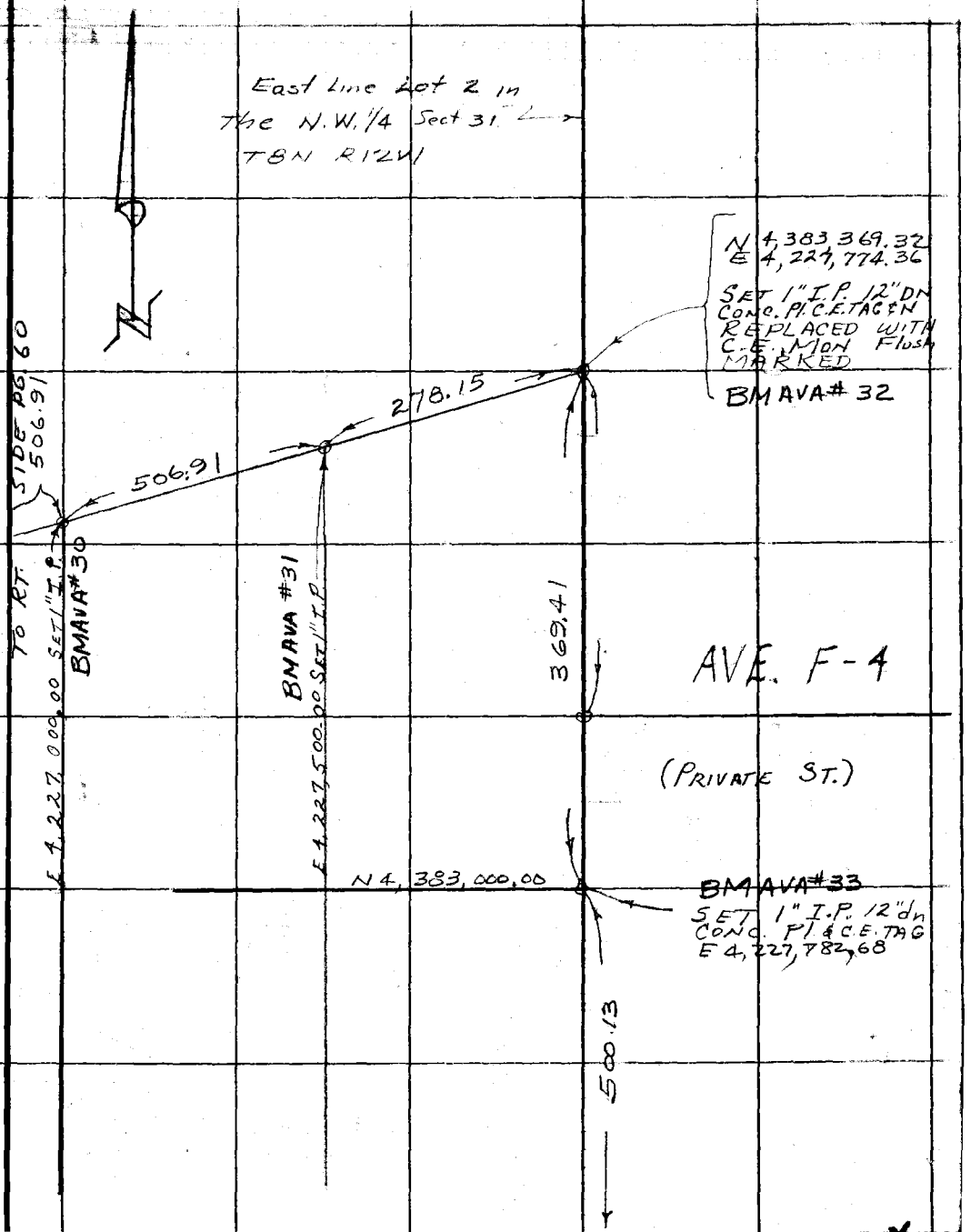
Notes Ck'd by	Survey of AV Reclamation Project F. B. 7440 Pg. 59
Map No.	JN 8724.03 Tape 210 Std 84 °F
Office Work	Surveyed by J. S. Coates
Checked	Notes J. S. C. Date 4-1-69
Date	Indexed



FROM TOP PG 58

X

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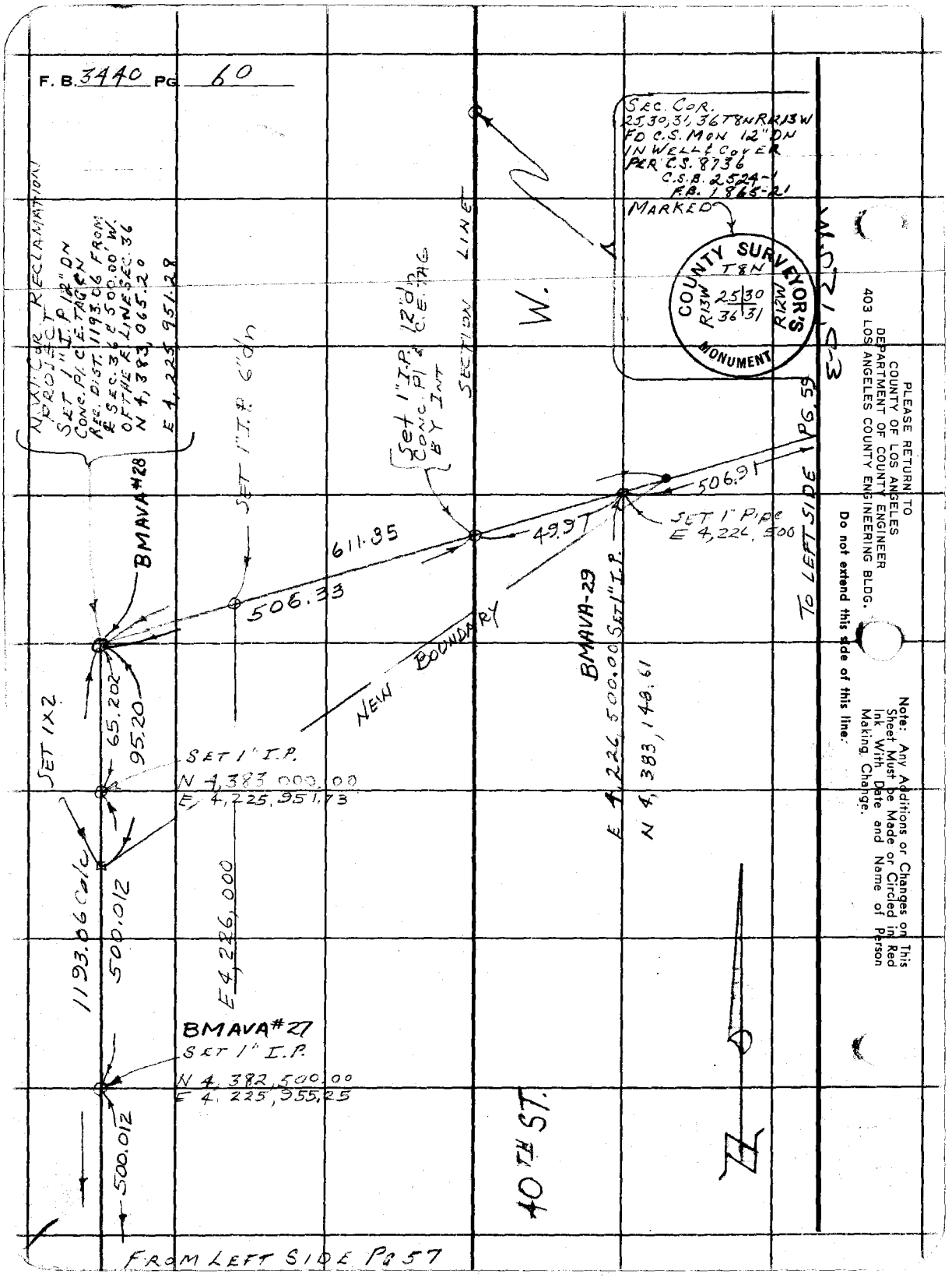
76F309S CE#310 3-68

F. B. 3440 PG 60



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F.B. 3440 Pg. 61

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 8124.03 Division No. 11

Survey of A.V. W.W. RECL. PROJECT

~~X-Sec.~~ No. ____ ~~Notes Chkd.~~ Date ____ ~~Checked~~ Date ____ ~~Survey by~~ J.S. Cohen Notes ____ Date ____

Map No. ____ Indexed ____ Date ____

J.N. 8924.03

ANTELOPE VALLEY WASTE WATER RECLAMATION PROJECT

BENCH LEVELS

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

COATES
VANNESS
ADAMS
SIDWELL

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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76-L298 CE 307 3-61

F.B. 3440 Pg. 62 | Job No. 892403 Division No. | Profile
Survey of A.V. WASTE WATER PROJECT | Notes Red | Plotted | No. | X-Sec.
Survey by LSC | Notes | Date | Checked | No.
Indexed | Date | Notes Chkd. | Date | No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
FD B.M. AVA #2 T.P.	4.775	2334.471		2329.696	B.M. AVA #2 ELEV. = 2329.696	F.B. 1865-47
			4.564	2329.907	40' N. OF E. 1/4 COR SEC. 36, T 8N, R 12, 13W	
	5.123	2335.030			(40TH ST. W. & AVE F-8) TOP C.E. BUTTON MON.	
SET B.M. AVA #26			5.678	2329.352		
	5.608	2334.960			B.M. AVA #26 ELEV. = 2329.352	F.B. 3440-62
			5.000	2329.960	W. BDRY. & N 4,382,000.00	Top 1" Pipe
	4.580	2334.540				
SET B.M. AVA #27			5.220	2329.320	B.M. AVA #27 EL. = 2329.320	F.B. 3440.62
	4.921	2334.241			W. BDRY. & N 4,382,500.00	Top 1" pipe
			4.203	2330.038		
	4.205	2334.243				
SET B.M. AVA #28			5.102	2329.141	B.M. AVA #28 EL. = 2329.141	F.B. 3440-62
	5.275	2334.416			N.W. COR. PROJECT SITE (PG 60) FD. 2" I.P. CONC.	
			5.135	2329.281	PI. C.L. TAGEN 12' DN	
	4.866	2334.147				
SET B.M. AVA #29			5.894	2328.253	B.M. AVA #29 EL. = 2328.253	F.B. 3440-62
	4.653	2332.906			N. BDRY & E 4,226,500.00	Top 1" pipe
			4.846	2328.060		
	4.676	2332.736				
SET B.M. AVA #30			5.340	2327.396	B.M. AVA #30 EL. = 2327.396	F.B. 3440-62
	4.745	2332.141			N. BDRY & E 4,227,000.00	Top 1" pipe

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STATION	B.S.	H.I.	F.S.	ELEV.		
			4.702	2327.439		
	5.060	2332.499				
SET B.M. AVA #31			5.968	2326.531	B.M. AVA #31 EL.=2326.531 F.B. 3440-63	
	4.970	2331.501			N. BDRY. & E 4,227,500.00 TOP 1" PIP	
SET B.M. AVA #32			4.870	2326.631	B.M. AVA #32 EL.=2326.631 F.B. 3440-63	
	5.045	2331.676			N.E. COR. PROJECT SITE (PG 59) FD. C.E. BUT[illegible] N	
			5.143	2326.533	TOP MON. MARKED R.E. 5869 N.E. COR WASTE WATER [illegible]	
	5.220	2331.753				
SET B.M. AVA #33			4.883	2326.870	B.M. AVA #33 EL.=2326.870 F.B. 3440-63	
	5.199	2332.069			E. BDRY & N 4,383,000.00 TOP 1" PIPE	
			4.605	2327.464		
	4.502	2331.966				
SET B.M. AVA #34			5.896	2326.070	B.M. AVA #34 EL.=2326.070 F.B. 3440-63	
	4.368	2330.438			E. BDRY. & N 4,382,500.00 TOP 1" PIPE	
			4.200	2326.238		
	4.526	2330.764				
SET B.M. AVA #35			5.555	2325.209	B.M. AVA #35 EL.=2325.209 F.B. 3440-63	
	5.569	2330.778			S.E. COR PROJECT SITE (PG 58) & INT AVE F-8 [illegible] W.	
					FD. C.S. MON 12" DN	
SET B.M. AVA #36			3.802	2326.976	B.M. AVA #36 EL.=2326.976 F.B. 3440-63 & AVE F-8	
	4.742	2331.718			S. BDRY & E 4,227,500.00 (1X2 & N)	

Profile No. ____ Notes Red ____ Plotted ____ Job No. [illegible] Division No. [illegible]
Date ____ Date ____ Survey of A.V. W.W. RECL. PROJECT
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by J.S. [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3440 Pg. 63

76-L298 CE 307 3-61

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F.B. 3440 Pg. 64 | Job No. 8924.03 | Division No. | Notes Red | Plotted | Profile
Survey of A.V. W.W. Project | Date | No. | X-Sec.
Survey by JSC | Notes JSC | Notes Chkd. | Checked
Indexed | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.		
TP		2331.718	4.372	2327.346		
	5.105	2332.451				
SET BMAVA 37			2.920	2329.531	BMAVA 37 Elev. AVE F-8 365'± E. & 40th St. W Top 2" Pipe 50' S. & 50' W. of B.C.	F.B. 3440-64
	3.481	2333.012				
FD. BMAVA #2			3.320	2329.692	BMAVA #2 Elev. 2329.696 40 St. W. & AVE F-8 Top C.S. Mon.	F.B. 1865-47 40' N. & INT
		CIRCUIT #2				
FD BMAVA #32				2326.631	BMAVA 32 Elev. 2326.631 N.E. Cor. of project site (See pg. 59)	F.B. 3440-63 Top Mon.
	4.778	2331.409				
TP			4.201	2327.208		
	3.389	2330.597				
TP			4.802	2325.795		
	5.662	2331.457				
TP			5.035	2326.422		
	4.488	2330.910				
SET BMAVA 38			4.026	2326.884	BMAVA 38 Elev. AVE. F @ 37th St. W. Top C.S. Mon. in well	F.B. 3440-64 & INT
	5.300	2332.184				
TP			5.284	2326.900		
	4.656	2331.556				
TP			5.245	2326.311		

76-L-298 CE 307 2-63

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Profile Notes Red. Plotted Job No. 8924.03
No. X-Sec. Date Date Survey of A.V. Water Project Division No.
No. Date Date Date Map No. Indexed Date

STATION	B. S.	H. I.	F. S.	ELEV.		
TP				2326.311		
	4.521	2330.832				
			5.310	2325.522		
	4.751	2330.273				
FD BM AVA #10			5.964	2324.309	BM AVA-10 Elev. 2324.219 FB 1865 - 21	
					AVE F & 35th ST W. 40'S & 40' W of INT	
					Top C.S. Mon marked "AVA-10"	
		CIRCUIT #3				
FD BMAVA-35				2325.209	BMAVA 35 Elev. 2325.209 FB. 3440 - 63	
					SE Cor Project (Pg. 58) @ ℄ INT AVE F-8 ℄ 37th ST W	
					C.S. Mon 12" dn	
FD BM AV 381					BM AV 381 Elev. 2325.507 FB. 2142 - 22	
					AVE F-8 ℄ 37th ST W. 50'S. ℄ 50' W ℄ INT	
					A 2" pipe 6" up	

F.B. 3440 Pg. 45

F. B. 3440 Pg. 66 | Job No. 8924.03 Division No. Notes Red Plotted Profile

Survey of A.V.W.W Project Date Date No.

Survey by J.S.C Notes JSC Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

76-L-298 CE 307 2-63

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F. B. 344 PG. 67

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 1924-3 Division No. ____
Survey of A.V. W.W. PROJECT
X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by ____ Notes ____ Date ____
Map No. ____ Indexed ____ Date ____

A.V. WASTE WATER PROJECT

ELEVATIONS
FOR
FLOW LINE GRADE
OF
DRAINAGE DITCH
FOR
LEACH FIELD

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

COATES
VAN NESS
SIDWELL
ADAMS

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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.	%	GRADE	CUT		
BMAVA 27								BMAVA 27 Elev. 2329.32 F.B. 3440-62 W. Bdry of Project side & N4,382,500	
				2329 50	0.25	2329.00		Exist. Gr. @ E. end of S'ly leach field	
0+00	S.W. Cor. Leach field = West Bdy & N4,382,525			2983		2328.25	1.58	Set stk 5' E. of S. edge ditch	
1+00				2942		28.17	1.25		
2+00				2944		28.09	1.35		
3+00 ⊙				3170		28.00	3 70		
4+00				2961		27.92	1 69		
4+45.12				2919		27.88	1.31	8.28	
5+00				2928		27.84	1.44		
6+00				2942		27.75	1.67		
7+00				2935		27.67	1.68		
8+00				2907		27.59	1.48		
9+00 ⊙				2934		27.50	1.84		
10+00				2911		27.42	1.69		
10+78 98	∡ pt.			2848		27.34	1.14		
11+00				2837		27.25	1.12	Set stk 5' S. of S. edge ditch	
12+00				2822		27.17	1.05		
13+00				2792		27.09	0.83		
14+00 ⊙				2831		27.00	1.31		
15+00				2821		26.92	1.29		

F. B. 3440 Pg. 68 Job No. 8924.03 Division No. Notes Red Plotted Profile
Survey of A.V.W.W. Project Date Date No.
Survey by JSC Notes JSC Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT		
16+00				2327.68		2326.88	0.80	Set	Stk 5'S. of s. cnty. 14
17+00				27.19		26.79	0.40		
18+00				27.37		26.70	0.67		
19+00				27.37		26.61	0.76		
20+00 ○				27.28		26.52	0.76		
21+00				27.10		26.43	0.67		
22+00				26.34		26.34	GR		
23+00.97	℄ Pk @ 37½ ft. W			26.59		26.30	0.29		
"				26.65		26.30	0.35	Set Stk 5' E. of E edge ○ 14	
24+00				27.31		26.26	1.05		
25+00				27.01		26.22	0.79		
26+00 ○				26.34		26.18	0.16		
27+00				26.65		26.14	0.51		
28+00				26.54		26.11	0.43		
29+00				26.16		26.08	0.08		
30+00				26.91		26.05	0.86		
31+00				25.33		26.02	F 0.69		
32+00 ○				26.68		25.99	0.69		
33+00				26.94		25.96	0.98		
34+00				26.38		25.93	0.45		
34+31	Flow Line of AVE. F.			25.92		25.92	GR		

Profile Notes Rod No. X-Sec. Notes Clkd. Date
Plotted Date Checked Date
Job No. 9924.03 Division No. Survey of A.V.W.W. Project Survey by [illegible] Notes [illegible] Date 4/18/69
Map No. Indexed Date
F.B. 3440 Pg. 69

76-L298 CE 307 3-61

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F.B. 3440 Pg. 70 | Job No. 8924.03 Division No. | Notes Red | Plotted | Profile
Survey of A.V. W.W. Project | Date | Date | No.
Survey by JSC | Notes JSC | Notes Chkd. | Checked | X-Sec. No.
Indexed | Date | Date | Date

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STATION	B. S.	H. I.	F. S.	ELEV.		
BMAVA #38				2326.88	BM AVA #38 Elev. 2326.884 F.B. 3440-64 AVE F & 37th ST. W. & INT. Top C.S. Mon. in Well	

Notes Checked by
Map No.
Office Work
Checked
Date

Survey of AVWW Red Project
JN 8924.03 Tape 210 Std 24
Surveyed by J.S. COATES
Notes F & C Date 4-18-69
Indexed

F.B. 3440 PG. 71

J.N. 8924.03

ANTELOPE VALLEY WASTEWATER RECLAMATION PROJECT

LOCATION OF LAKES No. 1, 2, & 3

COATES
VANNESS
SIDWELL
ADAMS

COORDINATES

LAKE #1	N	E	LAKE #2	N	E	LAKE #3	N	E
L1-1	2205	6733	L2-1	2356	6446	L3-1	2890	6970
L1-2	2111	6975	L2-2	2316	6444	L3-2	2900	7064
L1-3	2210	6907	L2-3	2373	6500	L3-3	3029	7052
L1-4	2730	6898	L2-4	2666	6208	L3-4	3029	7258
L1-5	2275	7234	L2-5	2853	6370	L3-5	3265	7303
L1-6	2547	7342	L2-6	3010	6550	L3-6	3030	7470
L1-7	2458	7475	L2-7	2720	6415	L3-7	2930	7303
L1-8	2330	7639	L2-8	2320	6919	L3-8	2704	7450
L1-9	2164	7503	L2-9	2335	6716	L3-9	2667	7370
L1-10	2286	7434	L2-10	2215	6618	L3-10	2741	7346
L1-11	1770	7272	L2-11	2163	6620	L3-11	2782	7300
L1-12	2016	7092	L2-12	2924	6785	L3-12	2670	7375
						L3-12A	2850	7110
L1-13	1726	6944	L2-13	2880	6712	L3-13	2572	7269
L1-14	2269	6808	L2-14	2782	6770	L3-14	2811	6948
L1-15	2112	6778	L2-15	2885	6869	L3-15	2611	6863
			L2-16	2818	6536	L3-16	2438	7017
						L3-17	2745	6932
						L3-18	2757	7048
						L3-19	2822	6953

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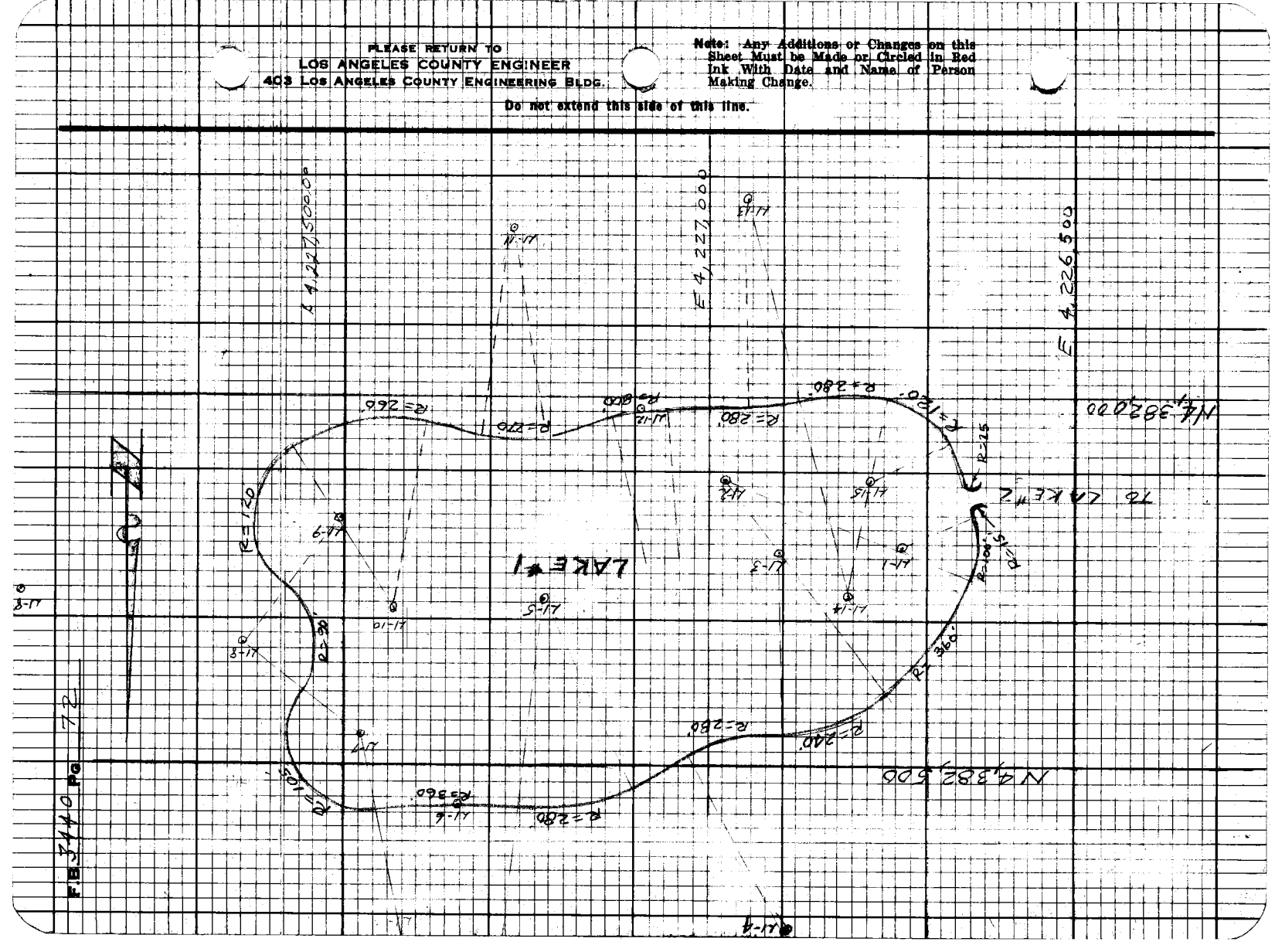
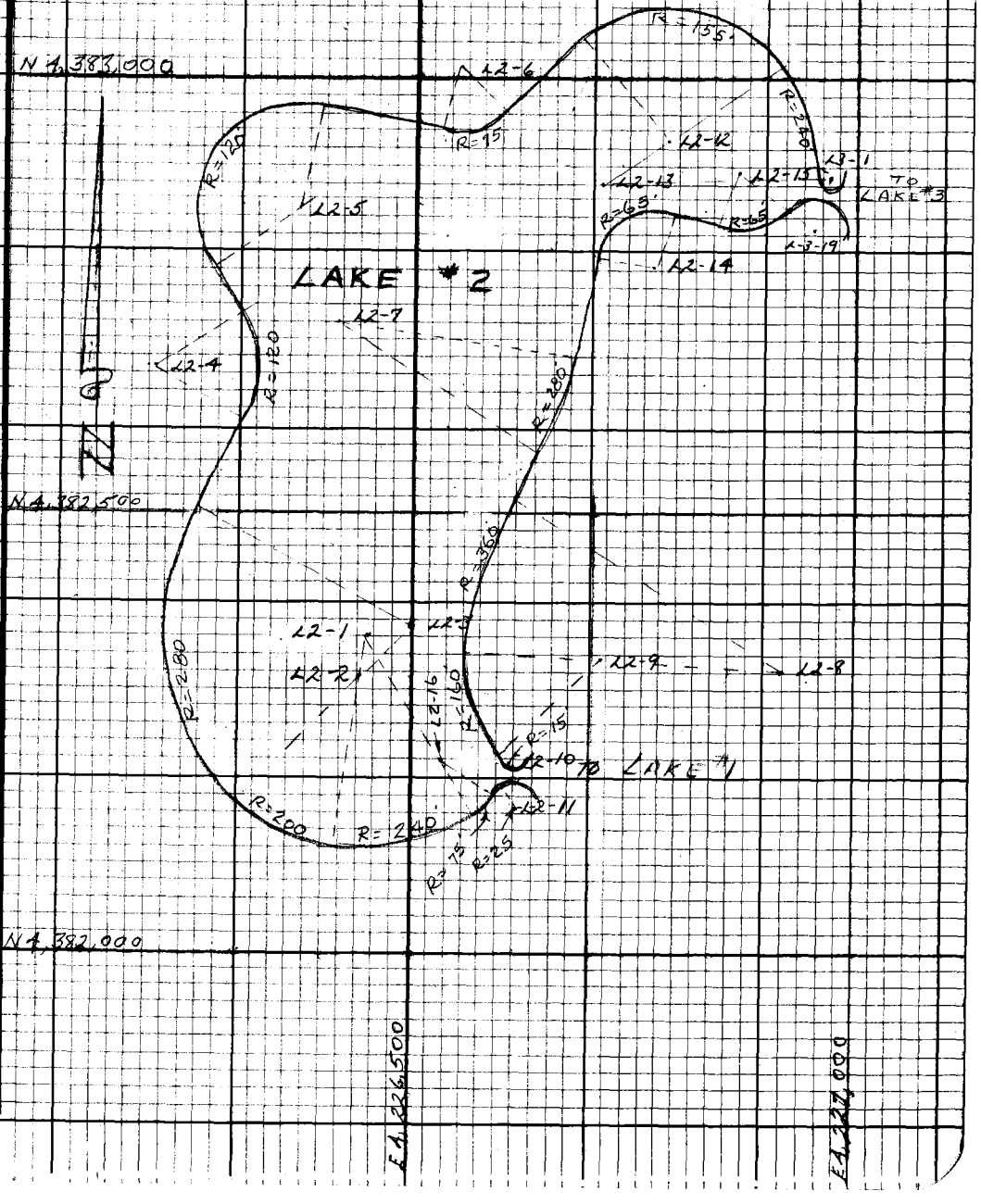


Notes Checked	Survey of AV WW Pro Project
Map No.	Tape 210 Std 84
Office Work	Surveyed by J. C. Coates
Checked	Notes J.S.S. Dated 4-28-69
Date	Indexed

F.B. 3440 Pg. 73



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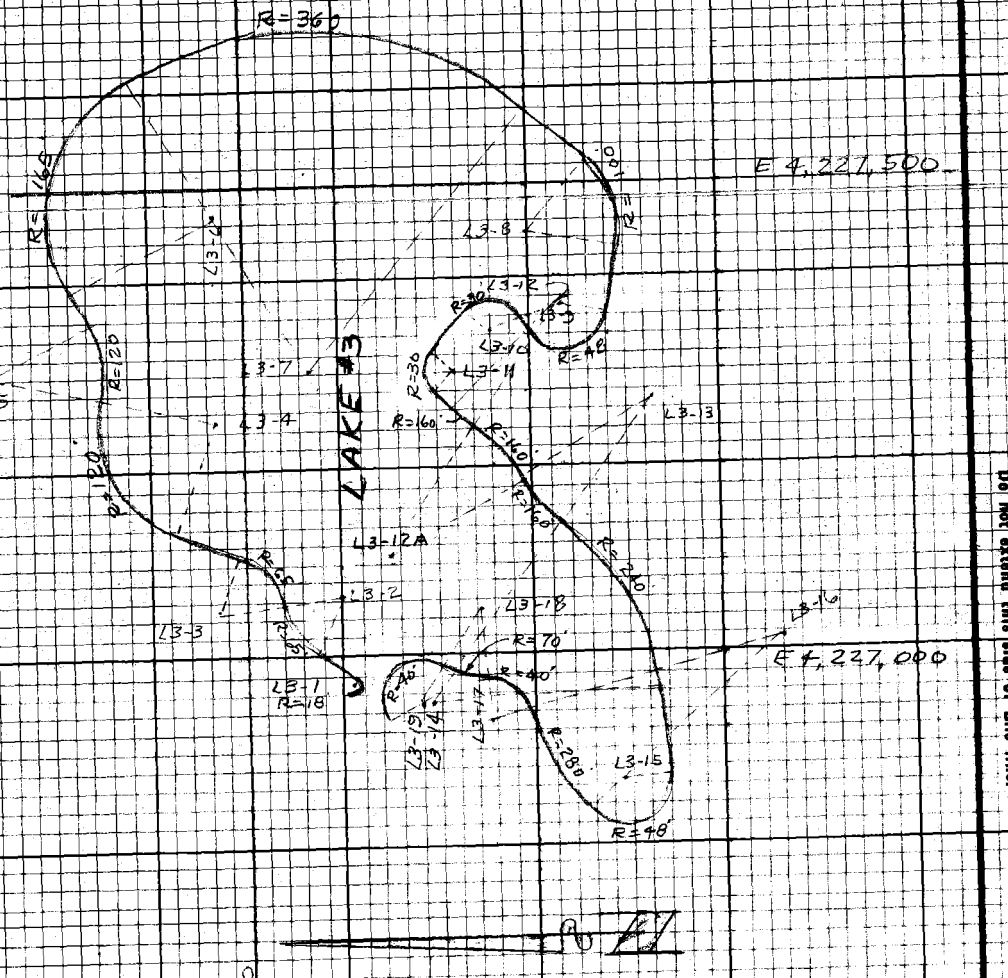
76F3098 CE#310 9-67

FB 3440 PG 74



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F. B. 3410 PG. 75

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. ____ Division No. ____
X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey of A.V. W.W. Project
Survey by ____ Notes ____ Date ____ Map No. ____ Indexed ____ Date ____

A.V. WASTE WATER PROJECT

ELEVATION ON 100' GRID SYSTEM FOR

LEACH FIELD

Grade is to Flow Line of Leaching Pipe

STATIONS are based on same plus used on drainage ditch See pg. 68, 69

SET Grade for top of Leach field @ 2337.20

COATES
VAN NESS
SIDWELL
ADAMS

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

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76-L-298 CE 307 5-66

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F. B. 3440 Pg. 76 | Job No. 8924 03 Division No. | Notes Red Date | Plotted Date | Profile No.
Survey of A.V.W.W. Project | Notes Chk'd. Date | Checked Date | X-Sec. No.
Survey by J.S.C. | Notes J.S.C. Date | Date
Indexed Date

STATION	B. S.	H. I.	F. S.	ELEV.		
BM AVA 27					BM AVA-27 Elev. 2329.32 FB. 3440.62 W. Boundary @ N 4,382,500 Top 1" pipe See pg 60	
West boundary @ S.W. Cor. Leach field					Grade	C/F
0+00 Line						
" 1+00 E				2329 95	2328.50	C 1.45
" 2+00 E				30 25	28 75	C 1.50
" 3+00 E				30 93	29.00	C 1.93
1+00 Line						
" 1+00 E				29 71	28.42	C 1.29
" 2+00 E				30 11	28.67	C 1.44
" 3+00 E				30 35	28 92	C 2.03
2+00 Line						
" 1+00 E				29 53	28.34	C 1.19
" 2+00 E				29 69	28 59	C 1.10
" 3+00 E				29 96	28.84	C 1.12
2+60 Line						
" 1+00 E				29 63	28.30	C 1.33
" 2+00				29 35	28.55	C 0.80
3+00				30 79	28.80	C 1.99

76-L298 CE 307 3-61

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4

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STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C/E		
NORTH BOUNDARY - All lines are out @ Parrallel with W. boundary								
5+00 Line = 55'± E. N.W. Corner								
1+00 S				2329.74	2328.09	C 1.65		
1+81 S				29.69	28.29	C1.40		
6+00 Line								
1+00 S				29.30	28.00	C1.30		
2+12 S				29.71	28.28	C1.43		
7+00 Line								
1+00 S				29.11	27.92	C1.19		
2+00 S				29.73	28.17	C1.56		
2+42 S				29.90	28.28	C1.62		
8+00 Line								
1+00 S				29.04	27.84	C1.20		
1+22 S				29.25	27.90	C1.35		
9+00 Line								
1+00				28.78	27.75	C1.03		
1+30				29.12	27.83	C1.29		
10+00 Line								
1+00				29.32	27.67	C1.65		
1+82				28.84	27.88	C0.96		

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

F.B. 3446 Pg. 77

76-L298 CE 307 3-61

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F. B. 3440 PG. 78 | Job No. 8924.03 | Division No. | Notes Red | Plotted | Profile
Survey of A.V.U.U. Project | Date | Date | No.
Survey by VSC Notes VSC | Notes Chkd. | Checked | X-Sec.
Indexed | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F		
10+78.95 = Line = 4 pt. N. Bdry								
1+00 S				2329.26	2327.59	C 1.67		
2+00 S				28.81	27.84	C 0.97		
2+20 S				28.91	27.89	C 1.02		
12+00 Line								
1+00 S				29.21	27.42	C 1.79		
1+40 S				29.08	27.52	C 1.56		
13+00 Line								
1+00 S				28.90	27.34	C 1.56		
1+17.5 S				28.96	27.38	C 1.58		
14+00 Line								
1+00 S				28.85	27.25	C 1.60		
1+60 S				29.05	27.40	C 1.65		
15+00 Line								
1+00 S				28.61	27.17	C 1.44		
1+97.5 S				28.04	27.41	C 0.63		
16+00 Line								
1+00 S				28.36	27.13	C 1.23		
2+00 S				28.83	27.38	C 1.45		
2+10 S				28.65	27.41	C 1.24		

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F		
17+00 Line								
0+60 S				2328.57	2326.94	C1.63		
18+00 Line								
1+00 S				28.58	26.95	C1.63		
1+25 S				28.19	27.01	C1.18		
19+00 Line								
1+00 S				28.26	26.86	C1.40		
1+22.5 S				28.00	26.92	C1.08		
20+00								
1+00 S				28.58	26.77	C1.81		
1+12.5 S				29.14	26.80	C2.34		
BMAVA-31				2326.52	BMAVA-31 Elev. 2326.531 F.B. 3440-63			
					N. Bdry @ E 4,227,500 Top 1" pipe Sec. 9.			

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 8724-03 Division No. ____ Survey of A.V. W.W. PROJECT

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

F.B. 3440 Pg. 79

F.B. 3440 PG. 80 | Job No. 8924.03 Division No. Notes Red Plotted Profile

Survey of AV. W.W. PROJECT Date Date No.

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

Indexed Date Date Date No.

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

76-L298 CE 807 3-61

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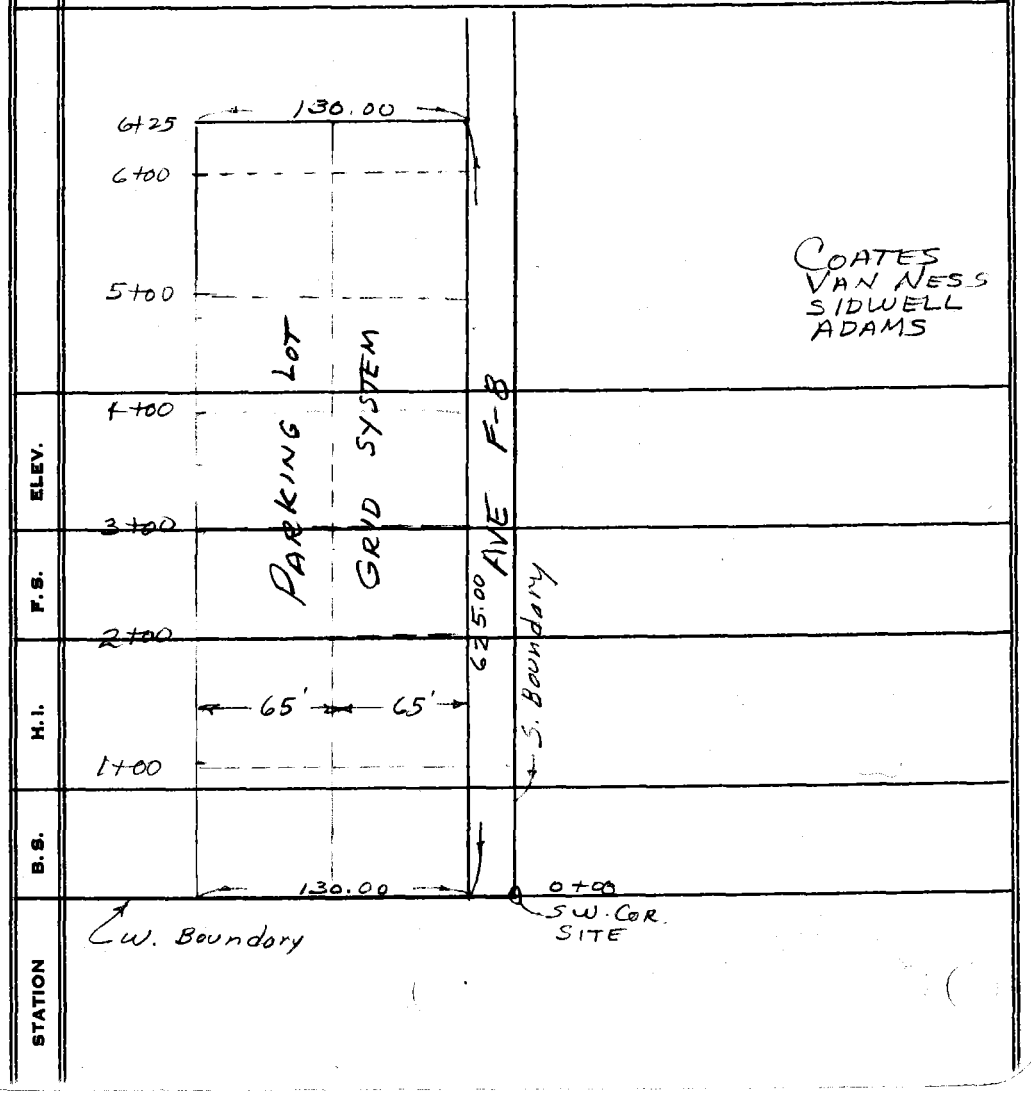
Profile	Notes Red	Plotted	Job No. 8924 [illegible]	Division No.	F.B. 3440 Pg. 31
No.	Date	Date	Survey of A.V. W.W. Project		
X-Sec.	Notes Chkd.	Checked	Survey by JSC	Notes [illegible]	Date [illegible]
No.	Date	Date	Map No.	Indexed	Date

J.N. [illegible]

A.V. WASTE WATER PROJECT

ELEVATIONS
FOR
PARKING LOT GRADE



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F.B. 3440 Pg. 82 | Job No. 8924.03 Division No. | Notes Red | Plotted | Profile
Survey of A.Y. K.W. Project | Date | No. | X-Sec.
Survey by JSC | Notes | Date | Checked | No.
Indexed | Date | Notes Chkd. | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.			
BMAVA-26					BMAVA 26 Elev. 2329.35 West Bdry @ N 4,382,000 Top 1" pipe		FB 3440-62 See Pg 57
					Finish GRADE	C/F	
S. Line Parking lot = 40' N. & F-8							
0+00				233066	2330.00	Co.66	
1+00				30 53	30.00	Co.53	
2+00				2995	3000	Fo.05	
3+00				2932	3000	Fo.68	
4+00				3004	3000	Co.04	
5+00				2965	3000	Fo.35	
6+00				2954	3000	Fo.46	
6+25 = SE. Cor				2932	3000	Fo.68	
Center Parking lot E-W							
0+00				233023	2329.90	Co.33	
1+00				31.14	31.00	Co.14	
2+00				3044	3100	Fo.56	
3+00				3073	3100	Fo.27	
4+00				3037	31.00	Fo.63	
5+00				2975	31.00	F1.25	
6+00				3010	31.00	Fo.90	
6+25				2998	31.00	F1.12	

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	Finish Grade	C/F		
H Line Parking lot								
0+00				2329.97	2329.90	Co.07		
1+00				31.06	31.60	Fo.54		
2+00				32.00	31.68	Co.32		
3+00				31.74	31.74	Gr		
4+00				31.28	31.92	Fo.54		
5+00				30.94	31.90	Fo.96		
6+00				31.56	31.98	Fo.42		
6+25	NE Cor.			30.63	32.00	Fl.37		
BMAVA-2				2329.70	BMAVA 2 Elev. 2329.696 FB 1865-47			

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F. B. ____ Pg. ____
No. ____ Date ____ Date ____ Survey of A.V. W.W. Project
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 3440 PG. 84 | Job No. 892403 | Division No. | Notes Red | Plotted | Profile

Survey of A.V. W.W. PROJECT | Date | Date | No.

Survey by JSC | Notes JSC | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

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

76-L298 CE 307 3-61

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Notes Ck'd by		Survey of A.V. Waste Water Project	F.B. [illegible] Pg. 85
Map No.		[illegible] Tape 210 [illegible]	
Office Work		Surveyed by JS Coates	
Checked		Notes JSC Date 6/4/69	
Date		Indexed	

J.N 8924.03

A.V. WASTE WATER PROJECT

STAKING LOCATION OF PUMP HOUSE & DRAINS FOR LAKES #1 #2 #3

Note: All elevations lowered 1.00 foot To compensate for shortage of necessary yardage as per verble statement of Henry mathis 6/4/69 - the inspector.

COATES
VAN NESS
ADAMS
SIDWELL

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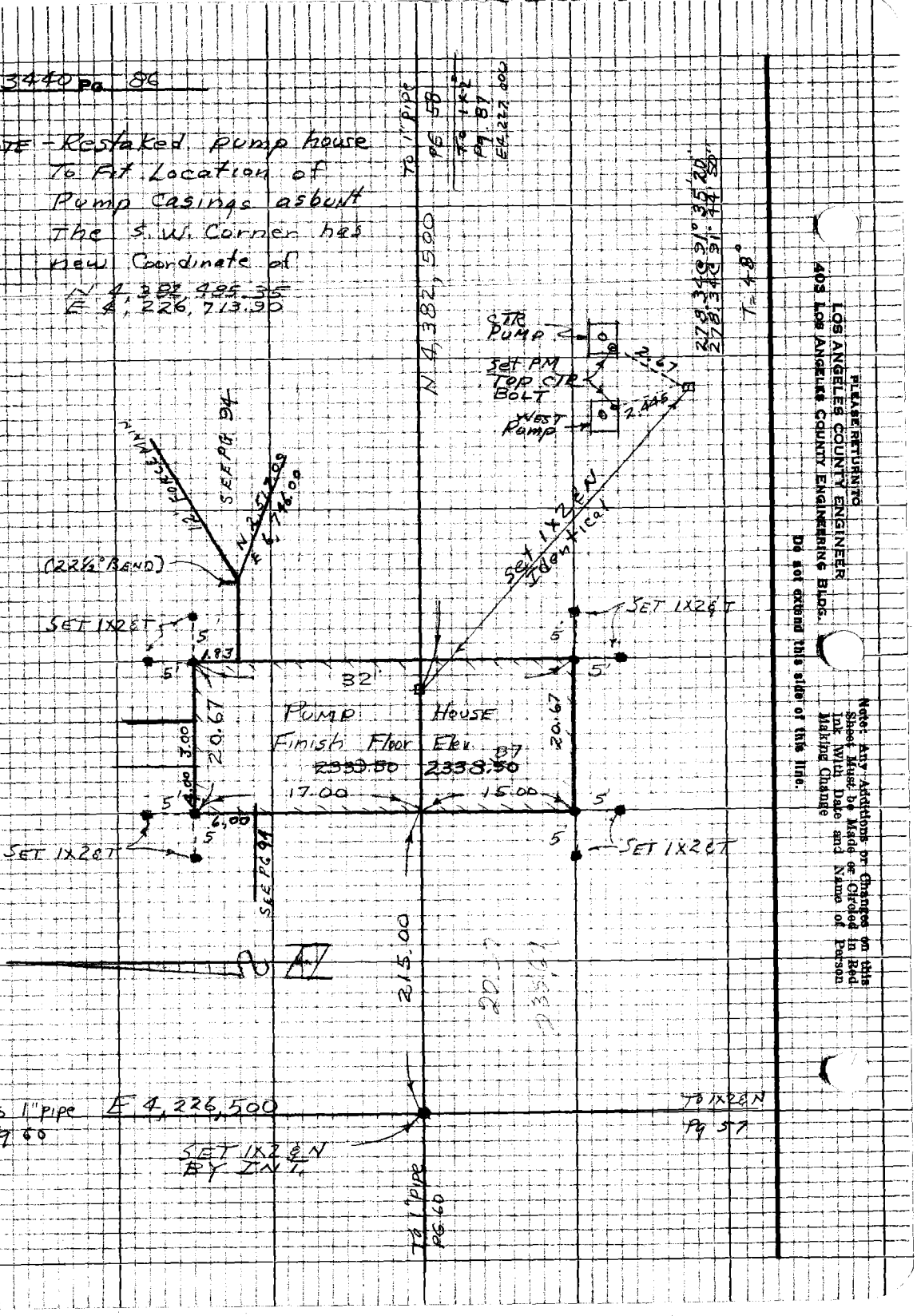
76P3098 CE #310 5-66

F.B. 3440 Pg. 86

NOTE - Restaked pump house
To fit Location of
Pump Casings as built
The S.W. Corner has
new Coordinate of
N 4,382,495.35
E 4,226,713.90



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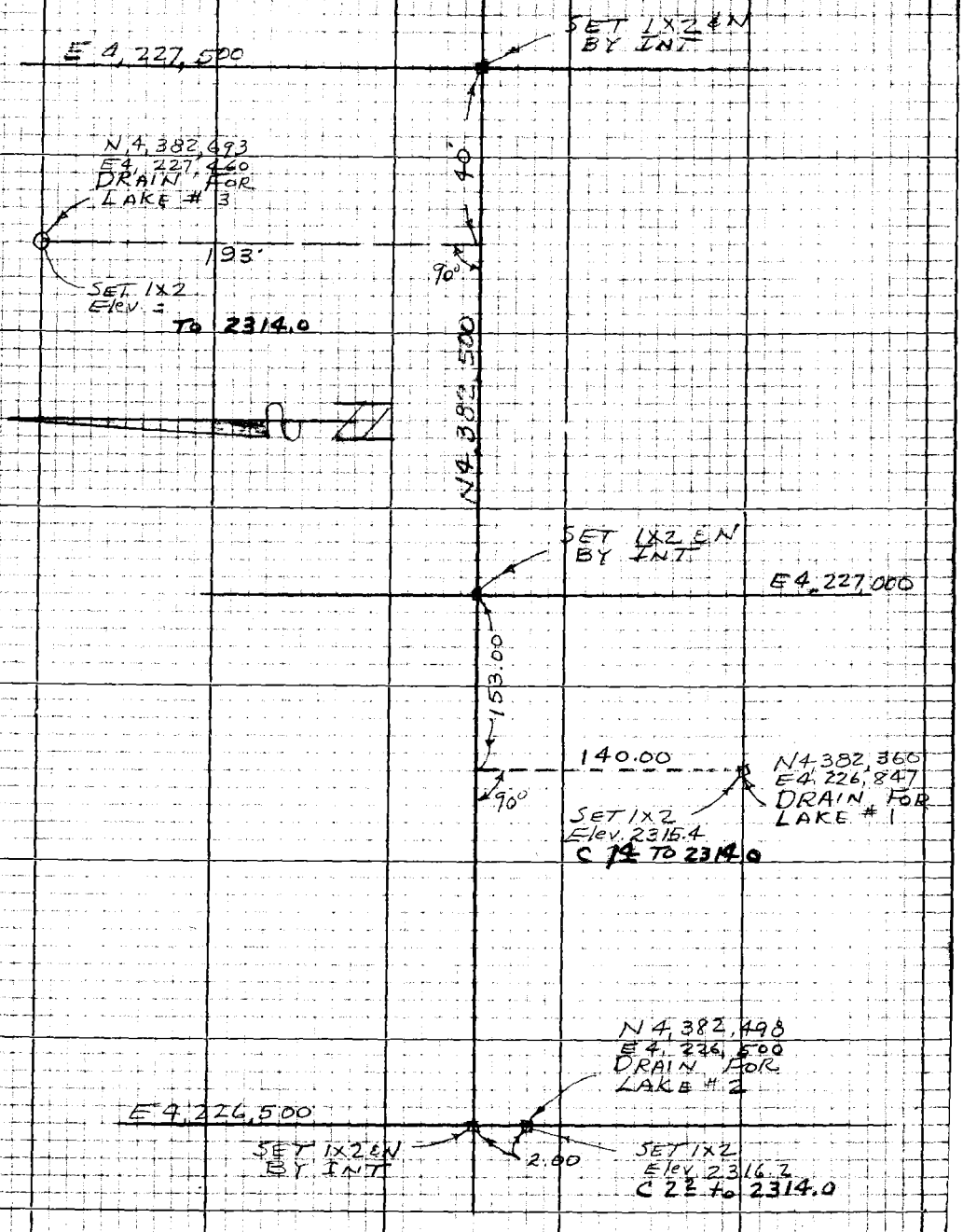
Notes Ck'd by	Survey of [illegible]	F.B. [illegible] Pg. [illegible]
Map No.	[illegible] 210 [illegible]	
Office Work	Surveyed by JSC [illegible]	
Checked	Notes JSC Date 6/4/69	
Date	Indexed	



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76P3098 CE #310 8-66

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F.B. 3440 Pg. 38

Profile No. _____ X-Sec. No. _____

Notes Red _____ Date _____ Notes Ckkd. _____ Date _____

Plotted _____ Date _____ Checked _____ Date _____

Job No. 12493 Division No. _____

Survey of A.V.W.W PROJECT

Survey by _____ Notes _____ Date _____

Map No. _____ Indexed _____ Date _____

F. B. _____ Pg. 89

J.N. 8924.03

A.V. WASTE WATER PROJECT

ELEVATIONS

FOR

PUMP HOUSE

&

DRAINS

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

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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2332.85 TBM

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F.B. 3440 PG. 90 | Job No. 8924.03 Division No. | Notes Red | Plotted | Profile
Survey of A.V.W.W. PROJECT | Date | No. | X-Sec.
Survey by JSC Notes JSC | Notes Chkd. | Checked | No.
Indexed | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.				
BMAVA 2				2329.696	BMAVA Elev. 2329.696			FB 1865-47
TP		New Grade 12/4/69		2332 05	40' N. of E/4 Cor Sec. 36 Top C.E. Mon			T8N R12W
SW. Cor - 5	S	10' W	2337.68	38 20	2338.50	Fo.30	F1.42 Set IX2&T	5' off
"	5' W			38.14	"	Fo.36		
NW. Cor. - 5	W	15' N	2337 84	37.89	"	Fo.61	Fo 66	
"	5' N			3783	"	Fo.67		
NE Cor - 5	N	15' N	2338.10	37.94	"	Fo.56	Fo.40	
"	5' E			37.93	"	Fo.57		
SE Cor - 5	E	10' E	2336.00	38 23	"	Fo.27	F2.50	
"	5 S			38.26	"	Fo.24		
DRAIN IN LAKE #2		- TP		2329.46				
		TP		21.55				
				16,25	2314.0	C 2 2		
DRAIN IN LAKE #1		TP		30.40				
		TP		21,39				
				15.39	2314.0	C 1 4		
DRAIN IN LAKE #3				2326.07	BM AVA 34 Elev. 2326.07			FB. 3440-63
		TP		26 33				
		TP		1766				
				1515	2314.0	C 1 2		

Notes Ck'd by	Survey of A.J.W.W. Rec. Project F.B. 3445 Pg. 91
Map No.	
Office Work	Surveyed by J.S. COATES
Checked	Notes G.E. VAN NESS Date 4-10-67
Date	Indexed

J.N. 892403

STAKING LOCATION

FOR

12" FORCE MAIN

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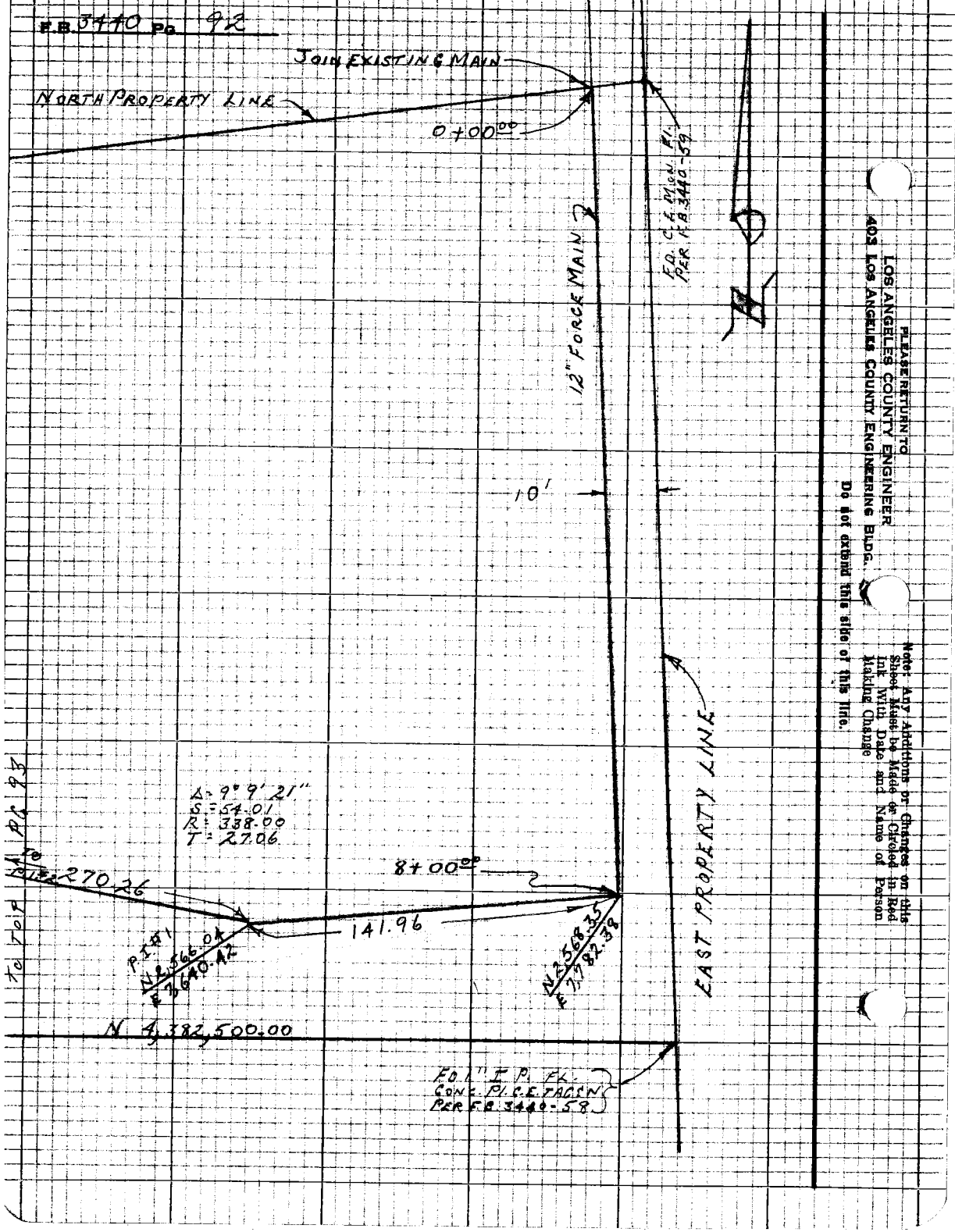
COATES
VAN NESS
SLOWELL
ADAMS

70P3008 CE #310 8-65


F.B. 3440 Pg. 92
JOIN EXISTING MAIN
NORTH PROPERTY LINE
0+00.00
12" FORCE MAIN
FD. C.E. MON. FL. PER F.B. 3440-59
10'
EAST PROPERTY LINE
Δ = 9° 9' 21"
S = 54.01
R = 338.00
T = 27.06
8+00.00
270.26
141.96
P.I. #1
N 2,566.04
E 3,640.42
N 2,568.35
E 7,782.38
N 4,382,500.00
FD. 1" I.P. FL. CONC. PL. C.E. TAGGN PER F.B. 3440-58
TO TOP PG. 93
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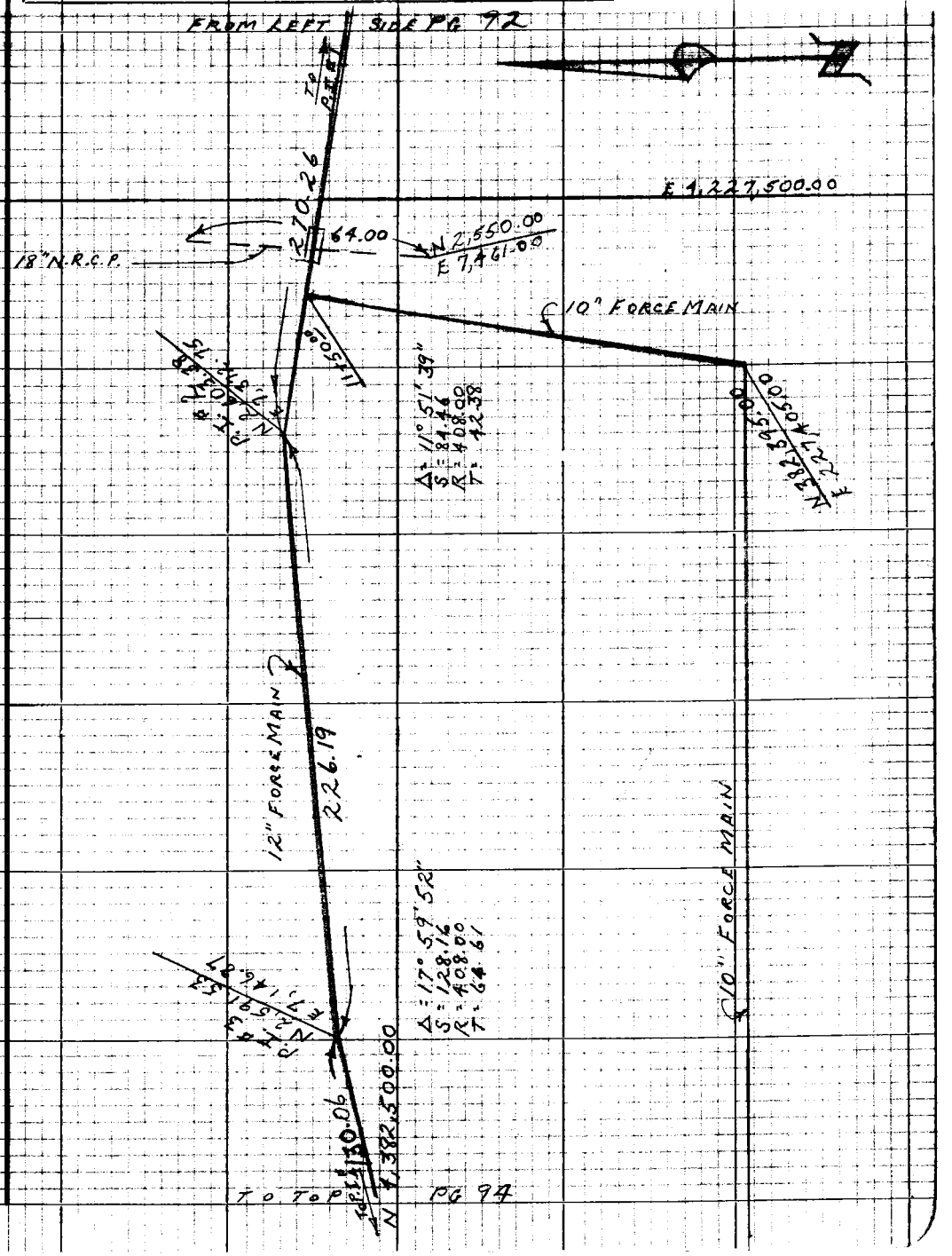
Notes Ck'd by	Survey of A.V.W.W. Real Property
Map No.	[illegible] Type 210 [illegible]
Office Work	Surveyed by J.S. COATES
Checked	Notes G.L. VANNESS Date 6-10-69
Date	Indexed

F.B. 3440 Pg. 93



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76P3098 CK #310 8-66

F.B. 3440 PG. 94

FROM BOT. PG. 93

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F. B. Pg. 95

Profile No. Notes Red Date Plotted Date Job No. Survey of A.V. WASTE WATER PROJECT Division No.

X-Sec. No. Notes Child Date Checked Date Survey by J-C Notes Date 6/1/69 Map No. Indexed Date

A. V. WASTE WATER PROJECT

CONST. STAKES

FOR 12" A.C.P. FORCE MAIN

FROM

EXISTING 12" A.C. LINE

TO

PUMP HOUSE

COATES
VANNESS
SIDWELL
ADAMS

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

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76-L256 CE 307 3-61

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	% GRADE	CUT		
BMAVA 32				2326 63		B.M. AVA 32 SITE (SEE PG 59)	EL = 2326.631 F.D.	F.B. 3440-63 N.E. COR. PROJECT C.E. MON. N.E. COR. WASTE WATER FL.
	12" FORCE MAIN			2215				Top existing 12" main Top to invert = 1.07
0+00				2695		23~~20.30~~ 21.08	5.87	Set Stk & Tin 5' E. ℄ pipe 22.15 − 1.07 = 21.58
+50								
1+00				2639			5.31	
+50								
2+00				2607			499	
+50								
3+00				2634			526	
+50								
4+00				2711	0.0%		603	
+50								
5+00				26,58			5.50	
+50								
6+00				26.84			5.76	
+50								
7+00				27.26			618	
8+00 S				2711			6.03	
8+00 W				2704		23~~20.80~~ 21.08	5.96	Set Stk & Tin 6' N. ℄ pipe
8+25				3090	12.80 16.80%	2325.00	6.90	

F.B. 3440 PG. 96

Job No. 8924.03 Division No. 11 Notes Red Plotted Profile

Survey of AV WASTE WATER PROJECT Date Date No.

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

Indexed Date Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	% GRADE		CUT	
8+00 ①				233198		2325.00	798	Set Stk & Tin 6', Rm N.E.
9+00	not Set							
9+14 20	B.C.			3406			10.06	
9+41 70	MC			3385			985	
9+68 91	EC.			3316			916	
10+00				3234	0.0%		8.34	
+50				3101			7.01	
11+00				3061			6.61	
11+50	12"x12"x10" T			3042			642	
11+59 73	BC			3053			653	
12+12 96	MC			3067			667	
12+54.19	EC.			3072			672	
12+60				3079	4.00%	2325.00	679	
13+00				3134		25.60	5.74	
13+60				3145		2329.00	345	
13+73 39	BC			3127			327	
14+37.47	MC			3108			308	
15+01 55	E.C.			3116	0.0%		316	
15+66 30	MC			3133			3.33	
16+31 06	EC.			3098			298	
17+00				3133		2329.00	3.33	

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

F. B. [illegible] Pg. 97

76-L-298 CE 307 5-66

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F. B. 3440 Pg. 98 | Job No. 8924.03 | Division No. | Notes Red | Plotted | Profile
Survey of A.V.W.W. Project | Date | Date | No.
Survey by JSC | Notes JSC | Notes Chk'd. | Checked | X-Sec.
Indexed | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT		
17+76.63				2332.24		2328.00	4.24	Set Stk & Tin 6' N. & pipe	
				3250		"	4.50		
18+00				3389	4.10%	28.96	4.93		
18+49.80	= 1/16 bend			3792		2331.00	6.92		
10" INLET THROUGH LAKE # 1									
11+50 w=1+00 S	12"X12"X10" Tee					2324.00			
1+25				3062	15%	2025	10.37	Set Stk & Tin 6' E. & pipe	
1+50				2604		1650	9.54		
1+80				1910		2312.00	7.10		
2+00				1748	3.88%	11.96	5.62		
2+98	10"X10" "T"			1724		2311.20	6.04		
= 8+00				1720		"	6.00	Set Stk & Tin 6' S. & pipe	
7+00				1656		"	5.36		
6+00				1642		"	5.22		
5+00				1585	0.00%	"	4.65		
4+00				1572		"	4.52		
3+00				1643		"	5.23		
2+40				1699		2311.20	5.79		
2+00	not Set				7.76%	14.30			
1+90				2259		2315.08	7.51		
1+85	1/8 bend		ahead	2328	18.52%	16.01	7.27		
1+85			back	2507 2411		"	8.93 8.16		

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.	%	GRADE	CUT	
1+50				31~~27~~ 05	18.52%	2322.49	8.~~78~~ 56	Set Stk & Tin 6' R or w'ly
1+25				33~~47~~ 36		27.12	6.~~35~~ 24	
0+90				37.~~98~~ 8.28		2333.60	4.~~38~~ 68	
0+58				37.~~32~~ 16		"	3.~~72~~ 56	
"				37.~~32~~ 03		"	3.~~72~~ 43	
0+31				36.~~22~~ 49		" 3.79	2.~~62~~ 30	
		8" INLET TO LAKE #3						
1+18	1/4 bend			37.35	0.00%	2331.60	5.75	Set Stk & Tin 6' L or N'w'l
1+30	1/16 bend			37.50		"	5.90	
"				37.44	5.20%	"	5.84	
1+50				36.35		30.56	5.79	
1+75				34.48		29.26	5.22	
2+04	1/32 bend			31.55		2327.80	3.75	
2+25				29.54	21.20%	23.35	6.19	
2+50				25.83		18.05	7.78	
2+70				22.23		2313.80	8.43	
3+00				19.70	0.84%	13.55	6.15	
4+00				19.20		12.71	6.49	
4+50				18.39		2312.30	6.09	
TP				2323.97				

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8974.08 Division No. ____
Date ____ Date ____ Survey of A.V.W.W. Project
~~X-Sec.~~ No. ____ ~~Notes Chkd.~~ Date ____ ~~Checked~~ Date ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3440 Pg. 99

76-L298 CE 307 3-61

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F.B. 3440 Pg. 100 | Job No. 8924.03 | Division No. | Notes Red | Plotted | Profile
Survey of A.V.U.W. PROJECT | Date | Date | No.
Survey by JSC | Notes JSC | Checked | X-Sec.
Indexed | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.			
TBM #3						TBM #3 Elev. 2330.90 per page 105	
		8" INLET TO LAKE #2					
T					%	GRADE	
TBM #1							TBM #1 Elev. 2337.85 See Pg 105
0+57						2332.78 2332.60	
1+00				34.29	-5.48	30.42	C 3 87
1+26				32.19		2329.00	C 3 19
+50				28.40		24.15	C 4.25
+75				24.24		19.09	C 5 15
2+00				19.52	-20.24%	14.04	C 5 48
+15				17.75		2311.00	C 6 75
2+50				16.70		2311.00	C 5 70
				16.70		2315.50	Top Cast Iron C 1 20
TBM				2321.49			Set 1" I.P. on E. bank Lake #2

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 8924.03 Division No. ____ F.B. 3440 Pg. 101

Survey of A.V. W.W. PROJECT

~~X-Sec.~~ No. ____ ~~Notes Chkd.~~ Date ____ ~~Checked~~ Date ____ ~~Survey by~~ COATES Notes ____ Date 6/10/63

Map No. ____ Indexed ____ Date ____

J.N. 8924.03

A.V. WASTE WATER PROJECT

ELEVATIONS
FOR
DRAINAGE LINES

COATES
VAN NESS
SIDWELL
ADAMS

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

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE				
B.M. AVA #33				2326.870	B.M. AVA #33 EL = 2326.870 F.B. #3440-33 EAST BDRY. & N 4,383,000.00 TOP 1" PIPE				
TP				30.67					
0+55 1/8 BEND				38.18	0.40%	2309.00	29.18		00.08
0+75				37.61		09.08	28.53		
1+00				33.35		09.18	24.17		
1+24 50				31.36		2309.30	22.06		
1+27 DRAIN STRUCTURE to Lake #1				2331.74		2308.50	23.24	set Stk & Tin 50' NE'ly of ℄ Structure	
				2330.43		"	21.93	" " " 50' SW'ly "	
1+29 50						2309.30			
1+50				27.35	0.80%	09.50	17.85		back
1+75				21.94		2309.70	12.24		ahead
2+00				17.00		09.90	7.10		
2+25 CTR. OF DRAIN LAKE #1				13.47		2310.10	3.37		12' w'ly
"				2316.10		2315.00	c1.10	25'	w of center drain
"				15.64			c0.64	"	S. of
1+29 50				15.74		2309.30	c0.74	"	E. of
1+69 00	— ahead		23.63	24.64		09.43	15.21		
2+00				20.91		09.53	11.38		1.38
3+00				18.21		09.85	8.36		
4+00				16.10	0.38%	10.17	5.93		
5+00				15.59		10.49	5.10		
6+00				16.51		10.81	5.70		
6+50 1/6 BEND				16.34		10.97	5.37	back	
" "				16.08		10.97	5.11	ahead	
7+00				16.63		11.13	5.50		

F.B. 3440 Pg. 102 Job No. 8924.03 Division No. Notes Red Plotted Profile
Survey of A.V. W.W. Project Date Date No. X-Sec.
Survey by JSC Notes JSC Notes Chkd. Checked
Indexed Date Date No.

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.				
7+50				2317 47	0.32%	2311.29	6 18	Set Stk & Tin 6' off ℄
" "				1734		11.29	6.05	" " 10'
7+75				1979		11.37	8.42	" "
8+00				2535		11.45	13 90	"
8+25				3063		11.53	19.10	"
8+50				30.44		11.61	18 83	"
8+75				30.62		11.69	18 93	"
8+86			1.82	3060		2311.70	18.90	"
8+88.50	CTR. DRAIN STRUCTURE Lake #3			30.30		2309.50	20.80	Set stk 50' E'LY
				2777		"	18.27	50' W'LY
8+91			2.04	29.56	0.32%	2311.70	17 86	"
9+00				27.14		11.73	15.41	
9+25				2136		11.81	9.55	
9+50				1554		11.89	3.65	"
9+75				14.50		11.97	2.53	"
9+90				1337		2312.00	1.37	"
"				1525		2315 00	C0.25	25' E. ℄ Drain
"				1461		"	F0.39	25' N. ℄ "
"				1460		"	F0.40	25' W. ℄ "
TP				1912				
TP				2686				
BM AVA 34				2326 07	BM AVA 34	Elev.	2326.07	FB 3440-63

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 9234.03 Division No. ____ Survey of A.V. K.W. Project

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

Map No. ____ Date ____ Indexed ____ Date ____

F.B. 3440 Pg. 103

76-L298 CE 307 3-61

882
165

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F. B. 3440 Pg. 104 | Job No. 3924.03 Division No. | Notes Red | Date | Notes Chkd. | Date | Indexed | Date | Plotted | Date | Checked | Date | Profile No. | X-Sec. No.

Survey of A.V. K.W. Project
Survey by USC Notes USC

STATION	B. S.	H. I.	F. S.	ELEV.				
BMAVA-2		3[illegible]		2329.70	BMAVA-2 Elev. 2329.696			FB. 1865-47
2+64			37.71	3792		2309.00	28.92 28.71	5 3/8
2+75	not Set							9.31
3+00			35.38	3570	0.80%	09.29	26.41 26.09	
3+25			32.99	3316		09.49	23.67 23.30	
3+47.5			30.25	3021		2309.80	20.41 20.45	
3+50	Drain Struction		Lake #2	2333.62		2309.50	24.12 Set SET ~~50~~ 54.50 S. of ℄ Center	
"				27.16		"	17.66 " ~~50~~ N 45.50	
3+52.5			29.98	3022		2309.80	20.42 20.18	
+75			26.51	2666	0.60%	09.94	16.72 16.57	
4+00			20.69	2124		10.09	11.15 10.60	
+25			18.11	1843		10.24	8.19	
+50			16.70	1669		10.39	6.30 7.87	
4+70			16.43	1637		2310.50	5.87 5.93	
	10" Drain		WEST OF PUMP		HOUSE			
1+68				3060		2309.30	C 21.30 Set Stk & Tin	6' N. ℄ PIPE
1+90				3147	0.28%	09.36	C 22.11 ✓	
2+12 brick				3249		09.42	C 23.07 ✓	
2+12 ahead				3290		09.42	C 23.48 ✓	
2+25				3409		09.46	24.63 ✓	
+50				3640		09.53	26.87 ✓	

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.				
2+75				233732	0.28%	2309.60	27.72 ✓	
3+00				3715		09.67	27.48 ✓	
3+25				3378		09.74	24.04 ✓	
3+44				31.16		09.80	21.36 ✓	
3+48						2309.80		
TBM 1				233785	TBM next to Pump house			
TBM 2	–			233160		2323.00	8.60 ✓	TBM for Lake 1&2 Sta. log
TBM 3				233090		"	7.90	" " " Lake 2&3 "
	DRAIN LAKE #2							
4+70				1638		2315.00	1.38 ✓	25' N. & drain Lake
"				1646			1.46 ✓	25' S
"				1632			1.32 ✓	25' W
				614				
				07.98				

Profile No. ____ Date ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 5024.03 Division No. ____ Survey of A.V. W.W. Project

No. ____ Date ____ Date ____ Survey by ____ Notes ____ Date ____

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

F.B. 3440 Pg. 105

F.B. 3440 Pg. 106 Job No. 8924.03 Division No. Notes Red Plotted Profile

Survey of A.V. W.W. Project Date Date No.

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

Indexed Date Date Date No.

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

76-L298 CE 807 3-61

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Notes Ck'd by	Survey of A.V. W.W. Project	F.B. 3440 Pg. 107
Map No.	JN 8924.03 Tape 219 Std 54 °F	
Office Work	Surveyed by J.S. COATES	
Checked	Notes JSC Date 6/13/69	
Date	Indexed	

J.N 8924.03

A.V WASTE WATER PROJECT

LOCATION
OF
DRAINAGE LINES

COATES
VAN NESS
ADAMS
SIDWELL

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76P3098 CK #310 8-66

F.B. 3440 Pg 108

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76P2095 CK #310 5-66

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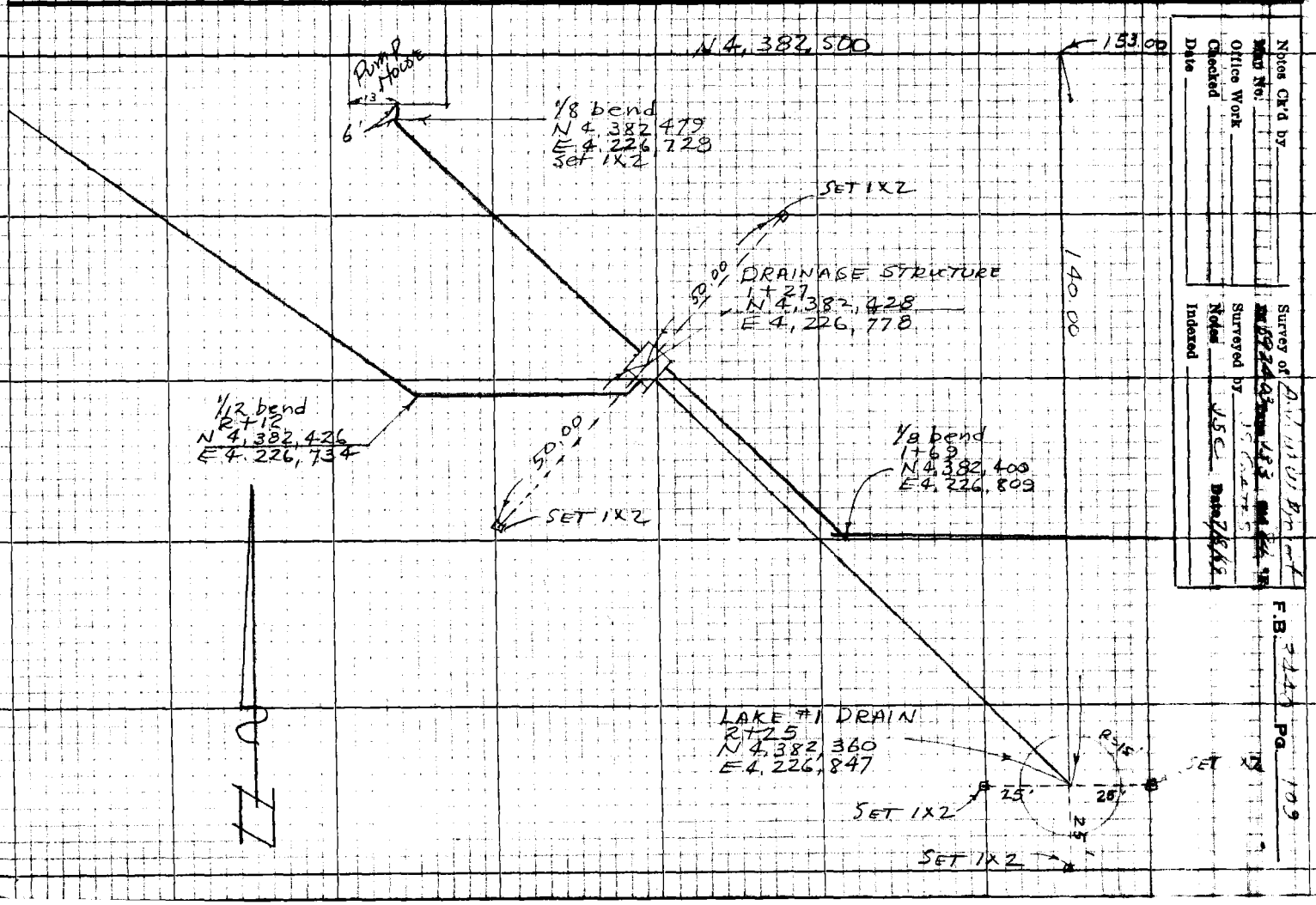
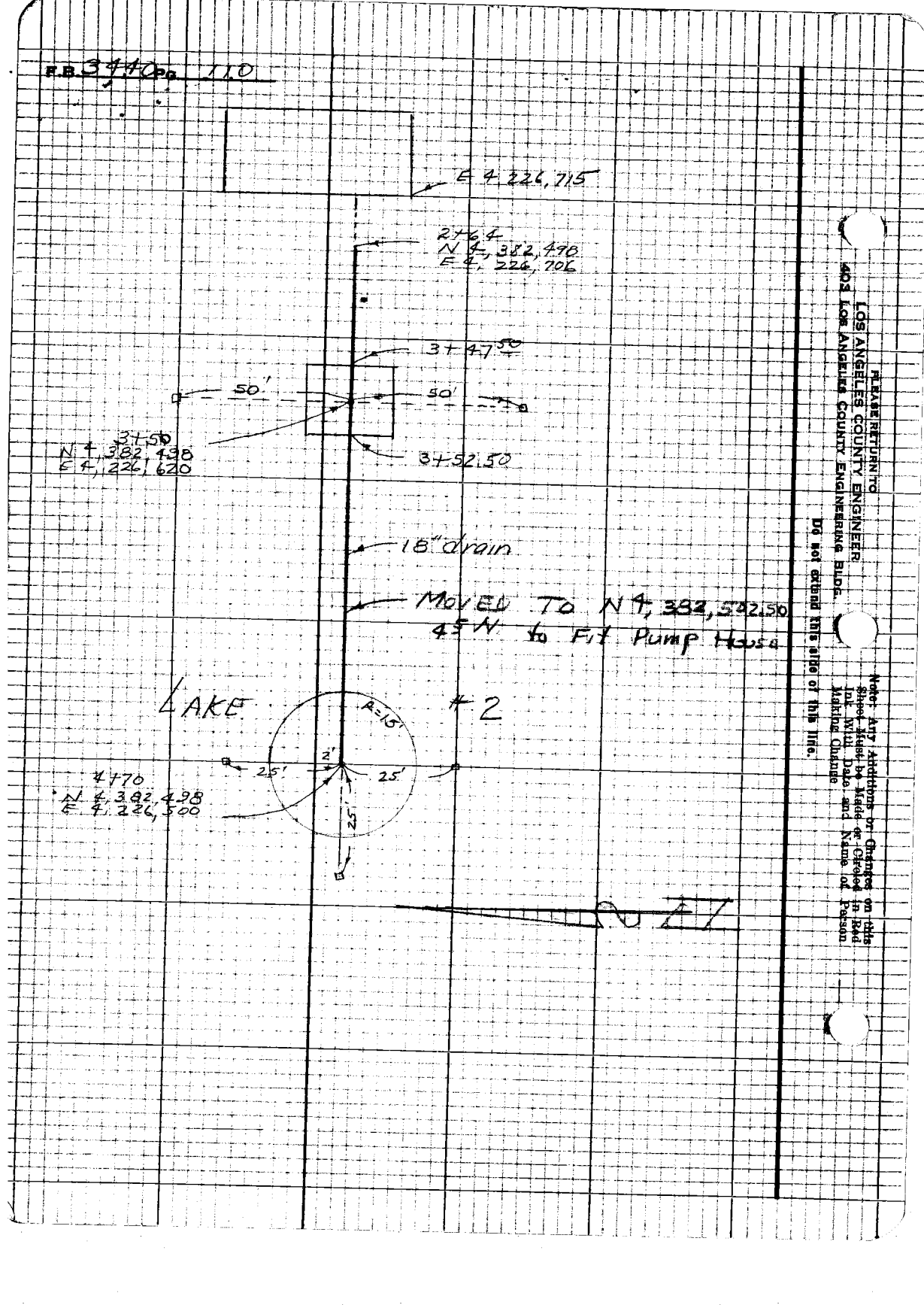


Notes Ck'd by _____
Road No: _____
Office Work _____
Checked _____
Date _____

Survey of _____
Surveyed by _____
Notes _____
Indexed _____

F.B. _____ Pg. _____

F.B. 3440 Pg. 110



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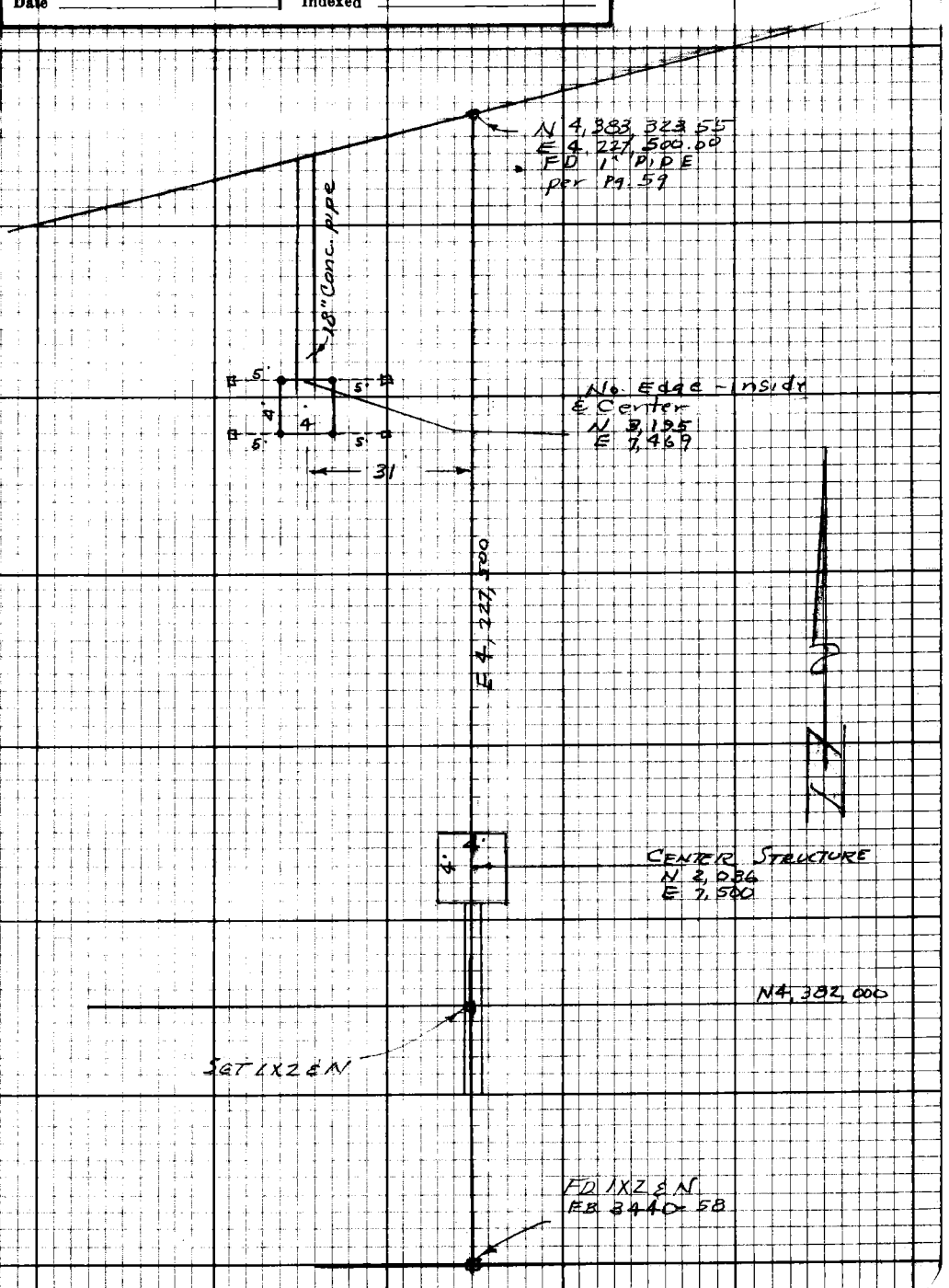
Notes Ck'd by	Survey of A. V. Wasil Winter
Map No.	JN 8924 03 Tape 136 Std 84°F
Office Work	Surveyed by JSC
Checked	Notes JSC Date 9-25-69
Date	Indexed

F.B. 3440 Pg. 111



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76F3098 CE #310 9-67

F.B. 3499 Pg. 112

H. Prop. Line

E 4,227,500
FD. 1" Pipe
Pg. 59

29.8'

10'

Set 1X2

64'

1X2 ⊄ N

10'

33'

10'

1X2 ⊄ W

E 4,227,000
FD. 1X2 ⊄ N
Pg 87

50'

N 4,382,500

N 4,382,500
E 4,227,500
FD. 1X2 ⊄ N
per Pg 87

E 4,227,500

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STATION	B.S.	H.I.	F.S.	ELEV.				
	S'Ly	OVERFLOW		DRAIN	LINE			
BMAVA 35				2325 21	BMAVA 35 Elev. 2325.209 F.B. 3440-63			
NE Cor				29 06	2325 83	C 3 23		
SE Cor				30.16	"	C 4 33		
SW Cor				29.74	"	C 3.91		
NW Cor				28.70	"	C 2.87		
	N.E. Ly	OVERFLOW		DRAIN	LINE			
BMAVA 31				2326 53	BMAVA 31 Elev. 2326.531 F.B. 3440-63			
NE Cor				30 28	"	C 4.45		
SE Cor				29 35	"	C 3.52		
SW Cor				29 25	"	C 3.42		
NW Cor				30 29		C 4.46		
	INVERT ELEVATION OF 6" C.I. PIPE AS BUILT IN STOP-LOG BET. LAKE #1 & 2							
BMAVA 2	5.30	2335.00		2329 70	BMAVA 2 Elev. 2329.696 F.B. 1869-47			
TBM	0.45	2332.05	3.40	2331.60				
			9.64	2322.41	S'Ly end			
			9.75	2322.30	N'Ly end			
	18" CONC. NON-REINFORCED PIPE							
		LENKER ROD		26 61	2326.00	C 0.61	Set Stk	10' E'Ly S. end 18" Con Pipe
				27 43	"	C 1.43	" "	10' W'Ly " "
				29 38	"	C 3.38	" "	10' E'Ly N. end "

Profile No. X-Sec. Notes Red Date Plotted Date Job No. 8924.03 Division No. Survey of A.V. WASTE WATER PROJECT Survey by [illegible] Notes [illegible] Date [illegible]

No. Date Notes Chkd. Date Checked Date Map No. Indexed Date

F.B. 3440 Pg. 113

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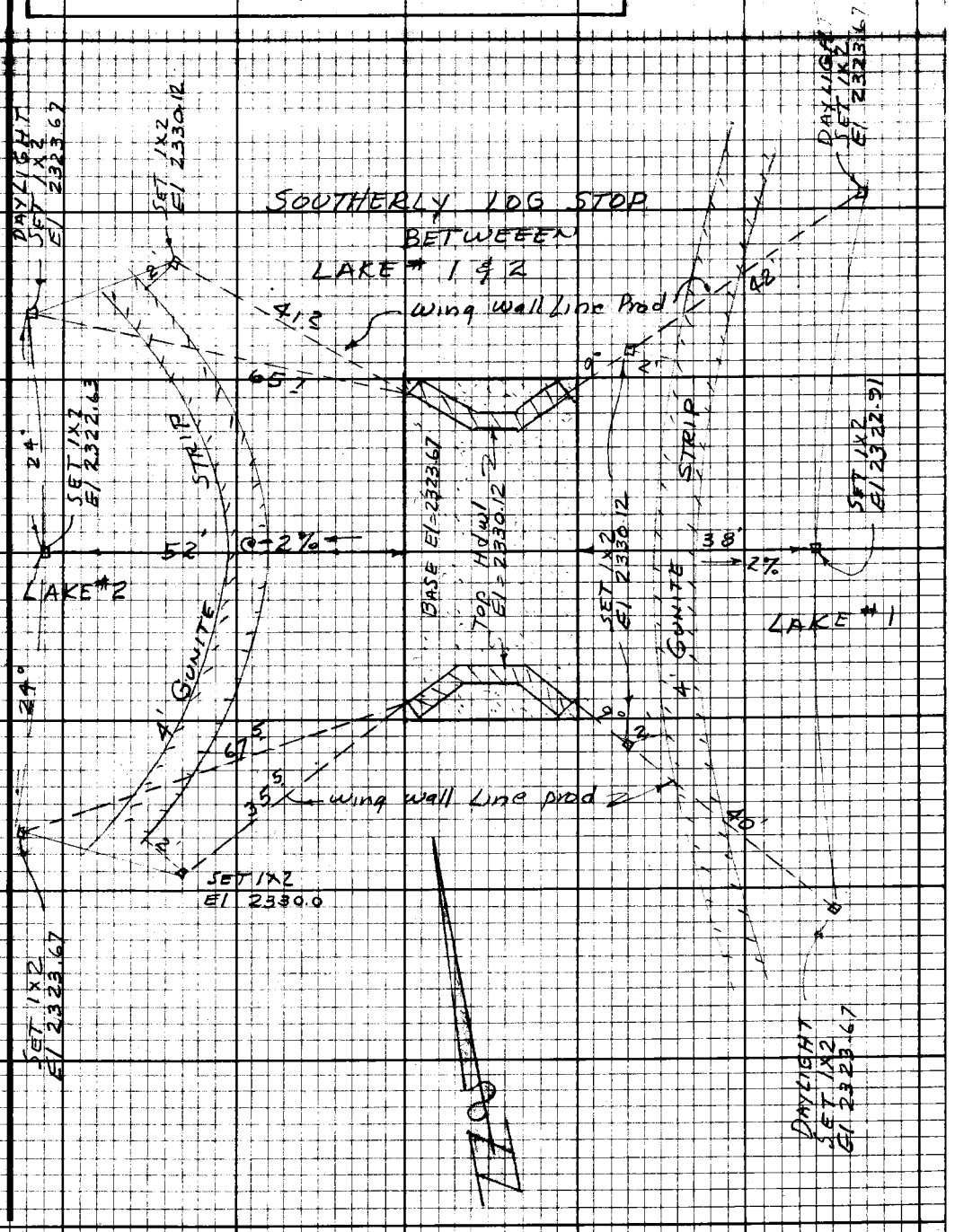
F.B. 3440 Pg. 114 | Job No. 8924.03 | Division No. | Notes Red | Plotted | Profile
Survey of A.V. Waste Water Project | Date | Date | No.
Survey by JS Coates Notes JSC | Notes Chkd. | Checked | X-Sec.
Indexed | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P.				2331.588	TBM (1X2) near Log Jam Lake 1 & 2	
TP				2330.119	TBM Top S.E'ly Cor Log Jam " "	
TP				2320.023		
TBM				2320.440	TBM W. end of Island in Lake # 1 - 1" pipe	
TBM				2319.91	TBM Top projection on Forced Main inlet 90° bend	
TP				2326.61		
B.M AVA 34				2326.07	BM AVA 34 Elev. 2326.07 F.B. 3440 Pg 63	
T.B.M.	2/23/70			2334.84	T.B.M. EL. 2334.84 F.B. 3440-114 N.E. COR. PARK SITE AT COORD. N3,180 E 7,675 B.T. SPK. IN CONC. BASE F.H.	
BMAVA 30	2/23/70				BM AVA 30 Elev. 2327.396 F.B. 3440-62	
TBM				2334.725	TBM Elev 2334.725 F.B. 3440-114 N'Ly SIDE OF PARK AT Coord. N E B.S. in Conc. base to F.H.	

Notes Ck'd by	Survey of AV WASTE WATER PROJ F.B. 3440 Pg 115
Map No.	
Office Work	Surveyed by JS COATES
Checked	Notes JSC Date 11-13-69
Date	Indexed C.L. GALL 19



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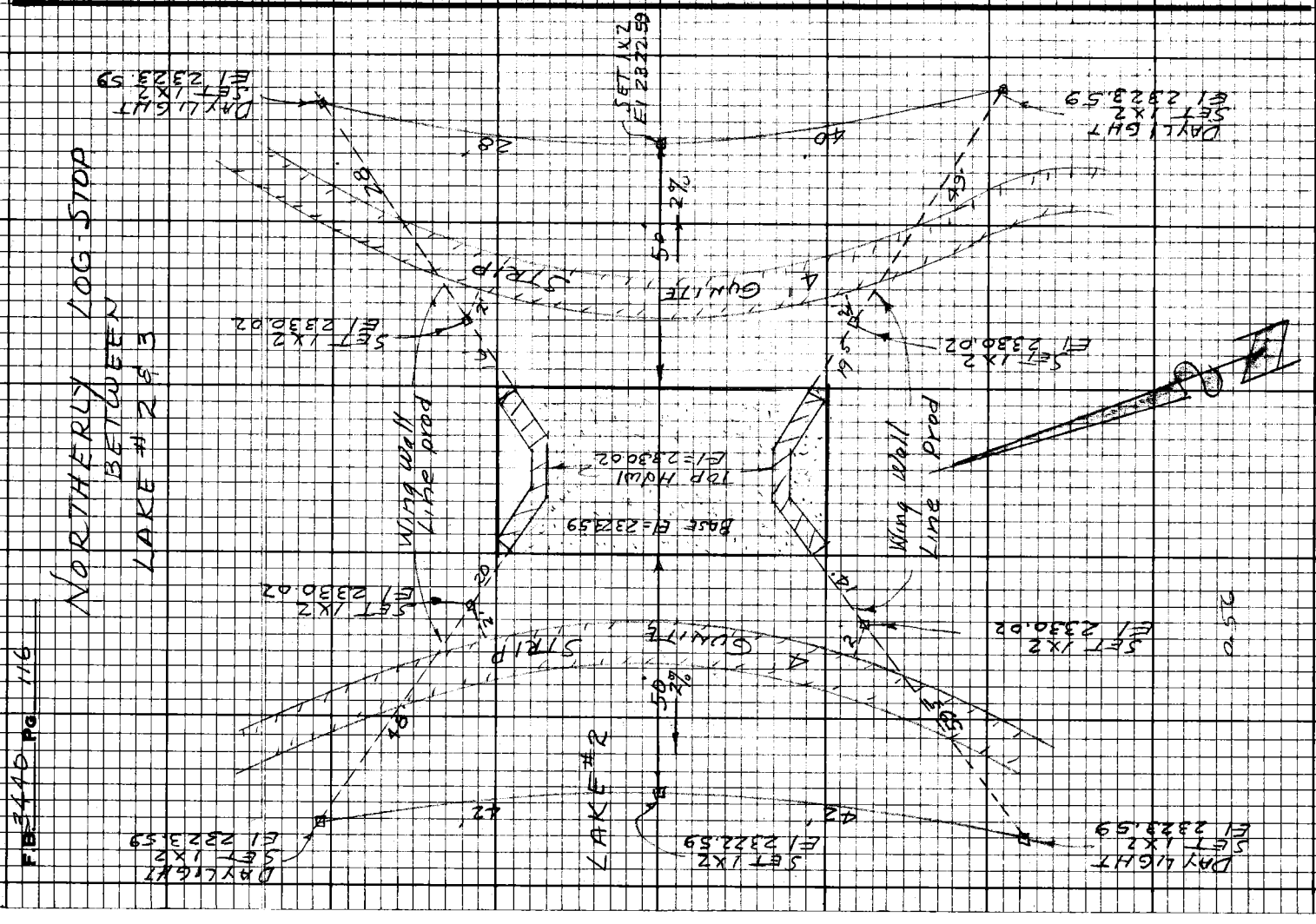
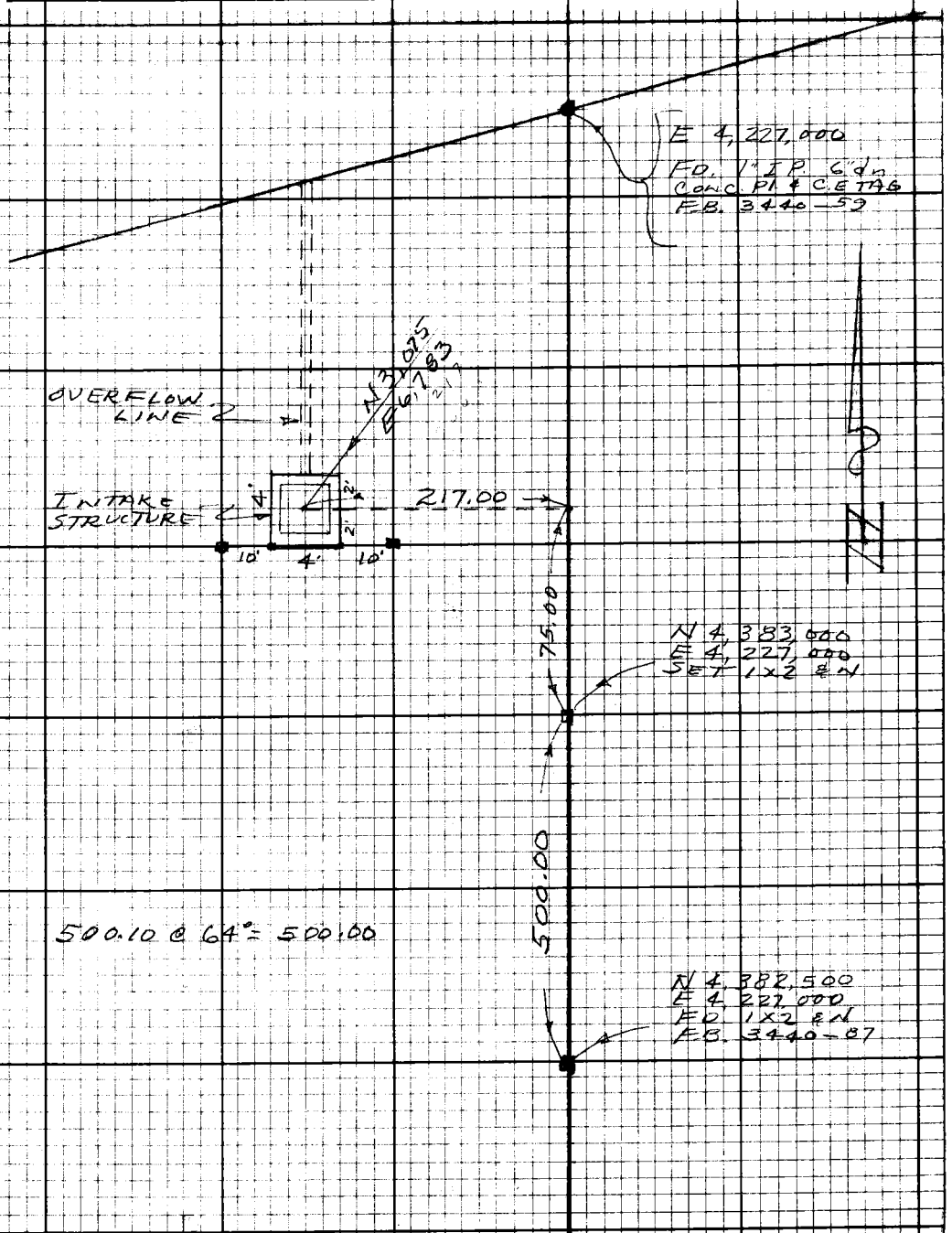


Notes Ck'd by	Survey of [illegible]	F.B. 3440 Pg. 117
Map No.	JN [illegible] Tape 1 36 Std [illegible]	
Office Work	Surveyed by [illegible]	
Checked	Notes LSC Date 12-5-69	
Date	Indexed	



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F.B. 3440 P.G. 118

Profile	Notes Red	Plotted	Job No. 124-2	Division No.	F. B. 3446	Pg. 119
No.	Date	Date	Survey of A.V. WASTE WATER PROJECT			
X-Sec.	Notes Chk'd.	Checked	Survey by	Notes	Date 1/2/[illegible]	
No.	Date	Date	Map No.	Indexed	Date	

J.N. 8924.03

ANTELOPE VALLEY WASTE WATER PROJECT

ELEVATIONS FOR GRADE

PUMP HOUSE AREA
LEACH FIELD AREA

COATES
VANNESS
ADAMS
BITTEL

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

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76-L-298 CE 307 5-66

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Profile No. ____ Plotted ____ Date ____
X-Sec. No. ____ Checked ____ Date ____
Division No. ____ Notes Red ____ Date ____
Job No. ____ Notes Chk'd. ____ Date ____
Notes ____ Date ____
Survey of ____
Survey by ____
Indexed ____
F. B. 3440 Pg. 120

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F		
TP							T.P. Elev. 2330.119	Top Log Jam Lake #1-#2
0+00 = N 4,382,500 E 4,227,000 W'ly								
1+00 along N 4,382,500				2331.7	2333.8	F 2.1		
1+50				32.1	34.8	F 2.7		
2+00				35.9	36.3	F 0.4		
" 50' R				32.9	34.0	F 1.1		
" 95' R				31.3	33.0	F 1.7		
" 25' L				33.9	35.0	F 1.1		
" 50' L				33.8	32.0	C 1.8		
2+50				36.9	38.0	F 1.1		
50' R				36.6	36.8	F 0.2		
125' R				32.4	33.8	F 1.4		
70' L				33.8	33.0	C 0.8		
2+90								
" 65' L				35.7	2340.0	F 4.3		
3+00				37.6	37.0	C 0.6		
" 50' R				35.5	37.1	F 1.6		
110' R				32.6	32.0	G R		
25' L				37.4	38.0	F 0.6		
65' L				40.2	36.6	F 3.6		
105' L				34.5	37.0	F 2.5		

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Profile No.____ Notes Red____ Plotted____ Job No.____ Division No.____
X-Sec. No.____ Date____ Date____ Survey of____
Notes Chk'd.____ Date____ Checked____ Date____ Survey by____ Map No.____ Notes____ Indexed____ Date____ Date____

F.B. 3744 Pg. 121

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F		
3+50				2333.6	2335.0	F1.4		
50'L				374	39.0	F1.6		
100'L				363	37.0	F0.7		
150'L				315	33.3	F1.8		
3+93				2862	29.00	F0.38		
4+00 50'L				320	315	C0.5		
" 100'L				329	340	F1.1		
" 150'L				333	320	F2.2		
200'L				330	317	F1.3		
LEACH FIELD - NORTH & WEST SIDE AREA								
0+00 = E 4,227,500 ON NORTH PROPERTY LINE - 25' South @ 90° to N/L								
0+00				2334.8	2333.0	C3.8		
1+00				31.9	"	F1.1		
2+00				316	"	F1.4		
3+00				307	"	F2.3		
4+00				321	"	F0.9		
5+00				327	"	F0.3		
75' South @ 90° to N P/L								
0+00				353	35.5	F0.2		
1+00				325	352	F2.7		
2+00				314	34.3	F2.9		

76-L-298 CE 307 5-66

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X-Sec. No. ____ Checked ____ Date ____
Division No. ____ Notes Red ____ Date ____ Notes Chk'd. ____ Date ____
Job No. ____ Notes ____ Date ____
Survey of ____
Survey by ____
Indexed ____
F. B. 3440 Pg. 122

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F
3+00				2331 7	2334.5	F 2.8
4+00				32.5	36.0	F 3.5
4+50				33 3	37.0	F 3.7
5+00				33 4	35.6	F 2.2
6+00				34 1	32 2	F 1.9
" & 50' S'Ly				33 3	33 5	F 0.2
7+00						
8+00						
		4+50 LINE TOWARD			N'Ly Log Stop	
0+20				33 4	37.0	F 3.6
0+75				33 3	34 7	F 1.4
1+40				32 7	36 5	F 3.8
1+90				31 5	36.0	F 4.5
2+45				31 3	33 0	F 1.7
0+20 point & 40' L on E				32 8	34 0	F 1.2
9+00				38 1	33 3	C 4.8
60' L				35 5	33.0	C 2 5
10 +00				38 2	33 5	C 4.7
100' L				34 8	33.0	C 1.8
11 +00				38 0	33 3	C 4 7

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F		
11+00 - 35'L				2337.6	2333.0	C 4.6		
12+00				38.3	33.3	C 5.0		
40'L +15'				36.7	34.0	C 2.7		
12+90				38.4	33.0	C 5.4		
13+00 ℄ 40'L				36.9	34.7	C 2.2		
WEST SIDE 0+00 IS 90° TO NW. COR						(REVISED)		
0+00 - 100'E				34.7	31.0	C 3.7		
200'E				36.4	34.0	C 2.4		
1 " "		Then 55' N.E.'ly		36.5	35.4	C 1.1		
0+50 200'E				36.5	36.0	C 0.5		
1+00 100'E				37.3	31.0	C 6.3		
188'E				36.2	36.3	F 0.1		
1+50 200'E				36.0	36.0	GR		
2+00 100'E				36.8	31.0	C 5.8		
200'E				35.4	33.5	C 1.9		
270'E					34.0			
3+00 - 100'E				35.6	31.0	C 4.6		
200'E				35.3	35.4	F 0.1		
240'E					36.0			
300'E					34.0			

Profile Notes Red____ Plotted____ Job No.____ Division No.____
No.____ Date____ Date____ Survey of____
X-Sec. Notes Chk'd.____ Checked____ Survey by____ Notes____ Date____
No.____ Date____ Date____ Map No.____ Indexed____ Date____

F. B. 7440 Pg. 1 X

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F. B. 3440 Pg. 124 | Job No. | Division No. | Notes Red | Date | Plotted | Profile
Survey of | Date | No. | X-Sec.
Survey by | Notes | Notes Chk'd. | Checked | No.
Indexed | Date | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F		
4+00	-100'E			2335.6	2332.0	C3.6		
	200'E			35.3	37.0	F1.7		
	280'E				34.0			
5+00	-100'E			33.1	31.7	C1.4		
	200'E	back N. 10'		33.4	34.0	F0.6		

Notes Ck'd by	Survey of A.V. WASTE WATER
Map No.	JN 8924.03 Tape 136 Std 84 °F
Office Work	Surveyed by [illegible]
Checked	Notes JSC Date 2/17/70
Date	Indexed

F.B. 3110 PG. 105

J.N 8924.03

A.V. WASTE WATER PROJECT

LOCATION
OF
WATER MAINS

COATES
VAN NESS
ADAMS
BITTEL

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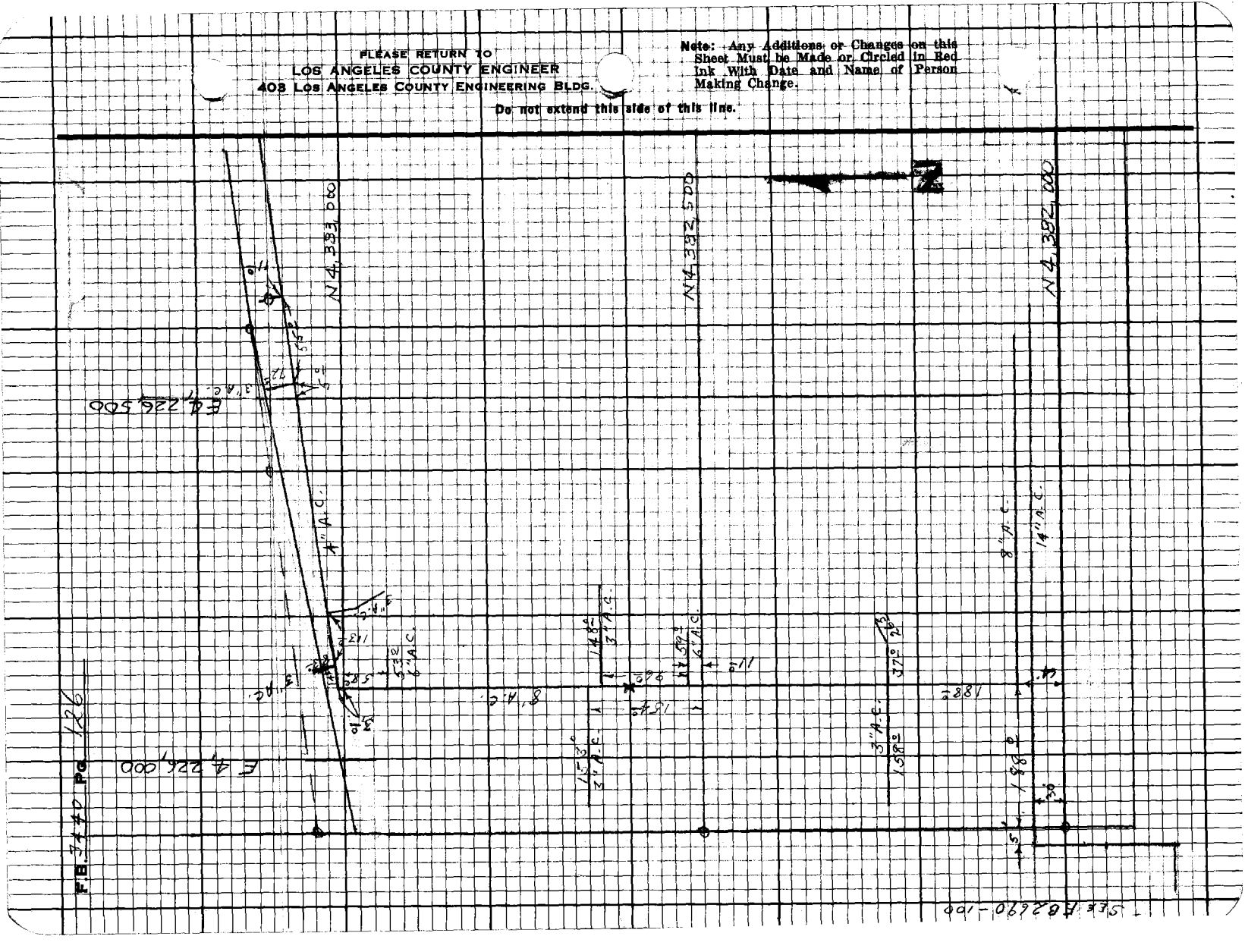
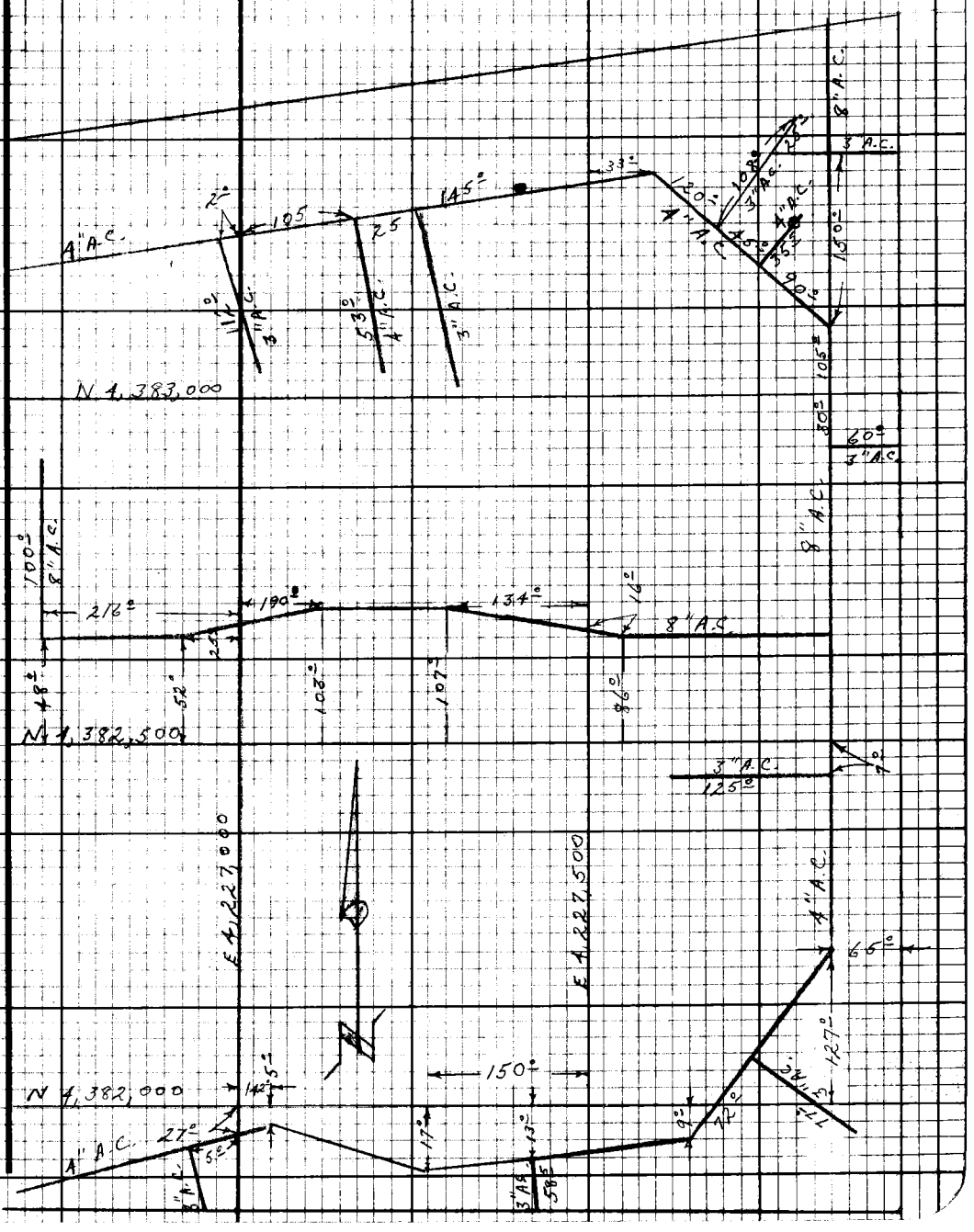


Notes Ch'd by	Survey of AN WASTEWATER
Map No.	JN 8924.03 Tape 136 Std 84 °F
Office Work	Surveyed by J.S.C. DATE
Checked	Notes J.S.C. Date 2-19-70
Date	Indexed

F.B. 3447 PG. 127



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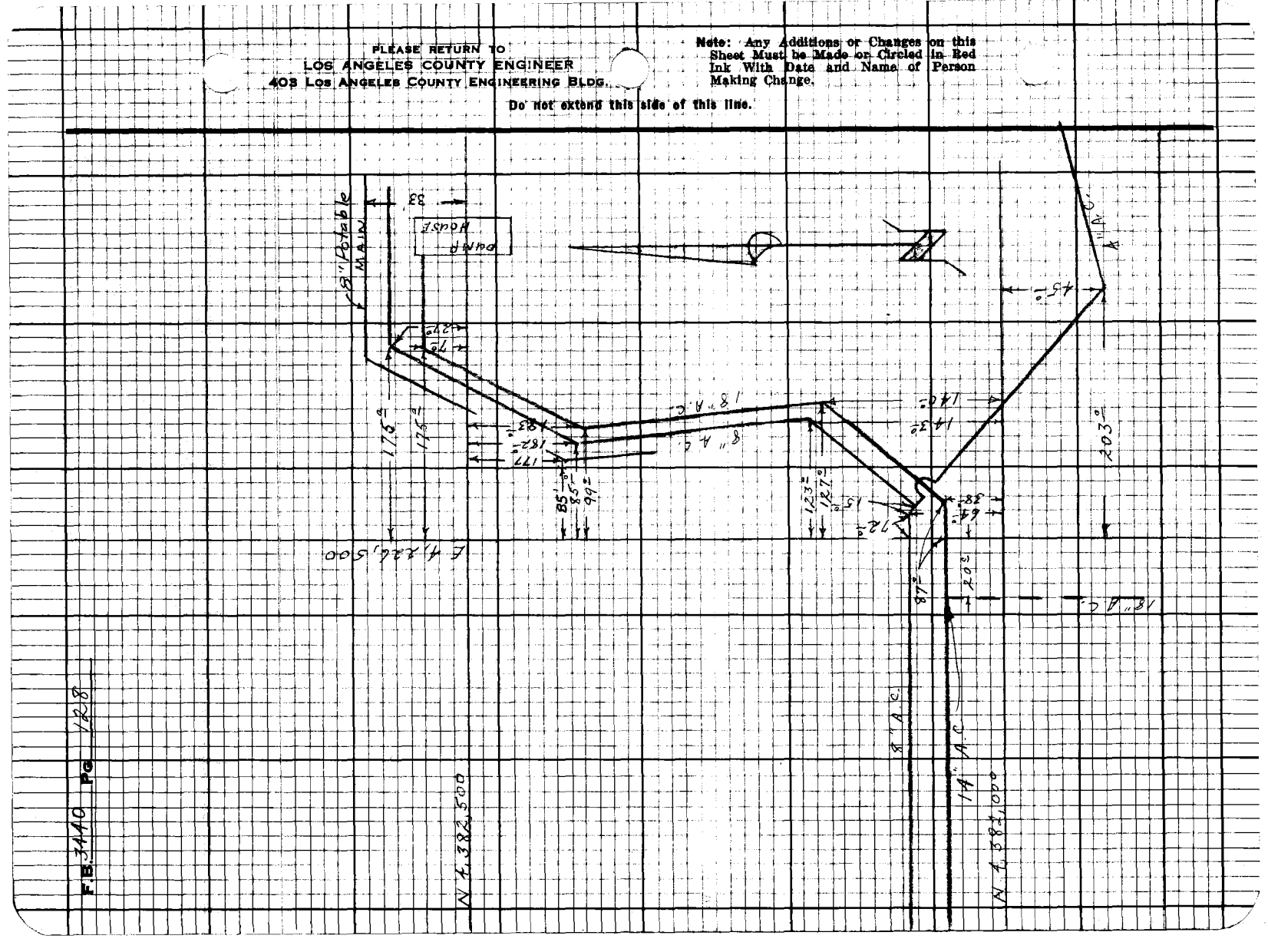

FB 3440 Pg 128

Notes Ch'd by	Survey of AV. W.W. PROJECT
Map No.	JN 892407 Tape 184 Std 84 °F
Office Work	Surveyed by J.S. COATES
Checked	Notes G.L. VAN NESS Date 7-13-70
Date	Indexed

F.B. 3440 PG. 12

JN 892407

AV. WASTE WATER PROJECT

PHASE II

LOCATION OF COMFORT STATIONS & SERVICE BUILDING

COATES
VAN NESS
ADAMS
BITTEL
CROWE

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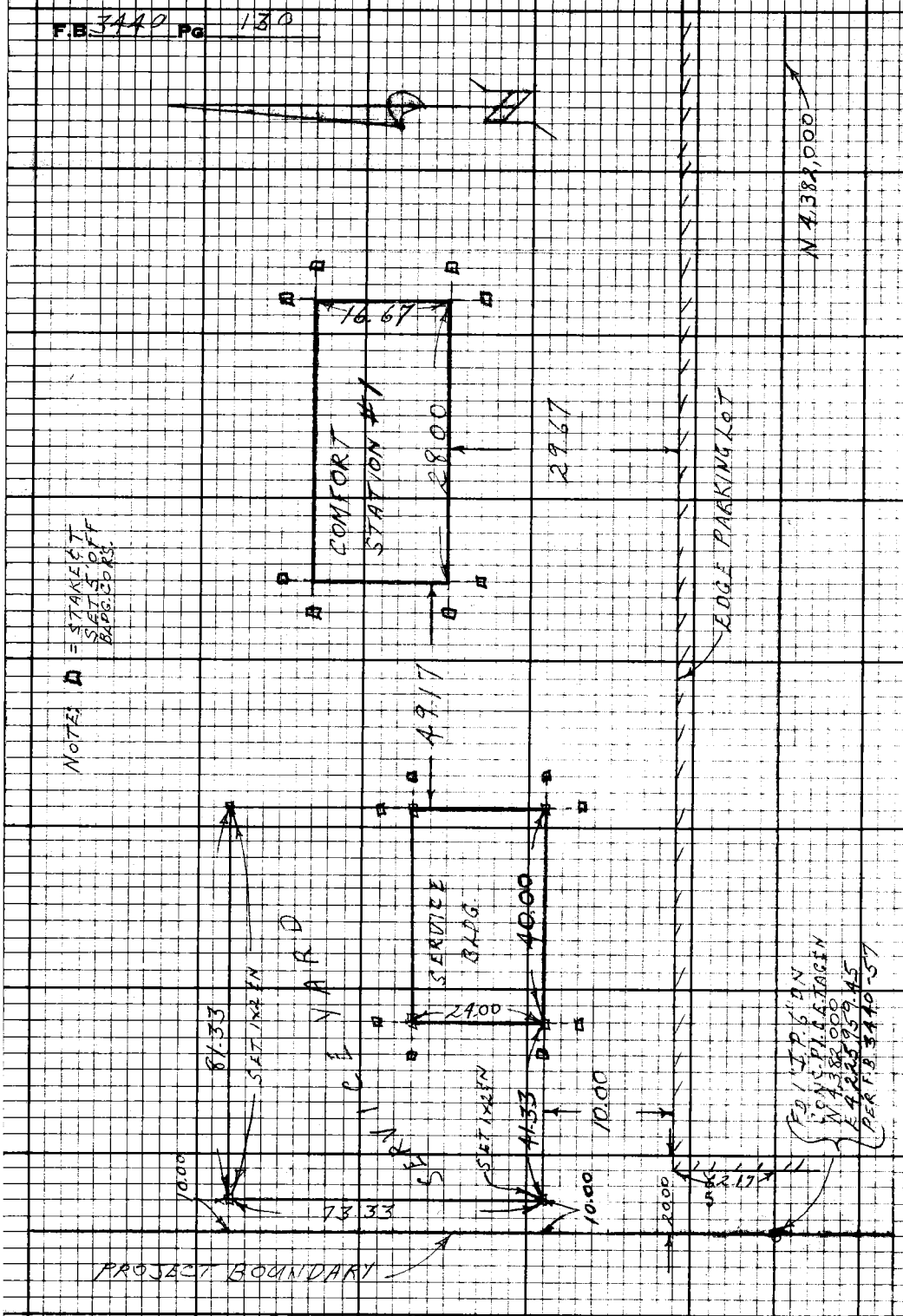
F.B. 3440 Pg 130



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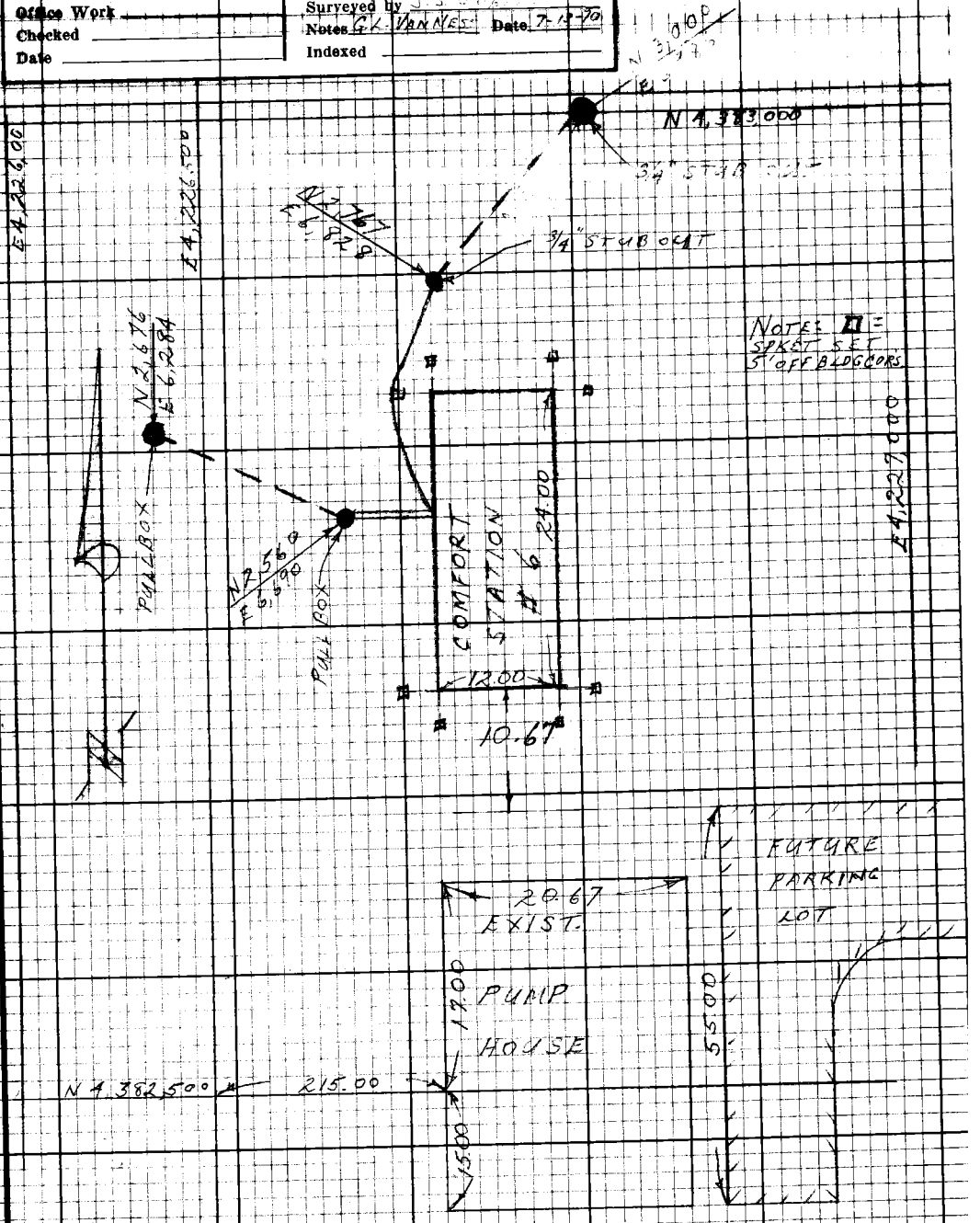
Notes Ck'd by	Survey of A.V.W.W. [illegible]
Map No.	JN 8724 [illegible] Tape 184 Std 84 °F
Office Work	Surveyed by [illegible]
Checked	Notes G.L. VAN NES Date 7-13-70
Date	Indexed

F.B. 3440 PG. 131



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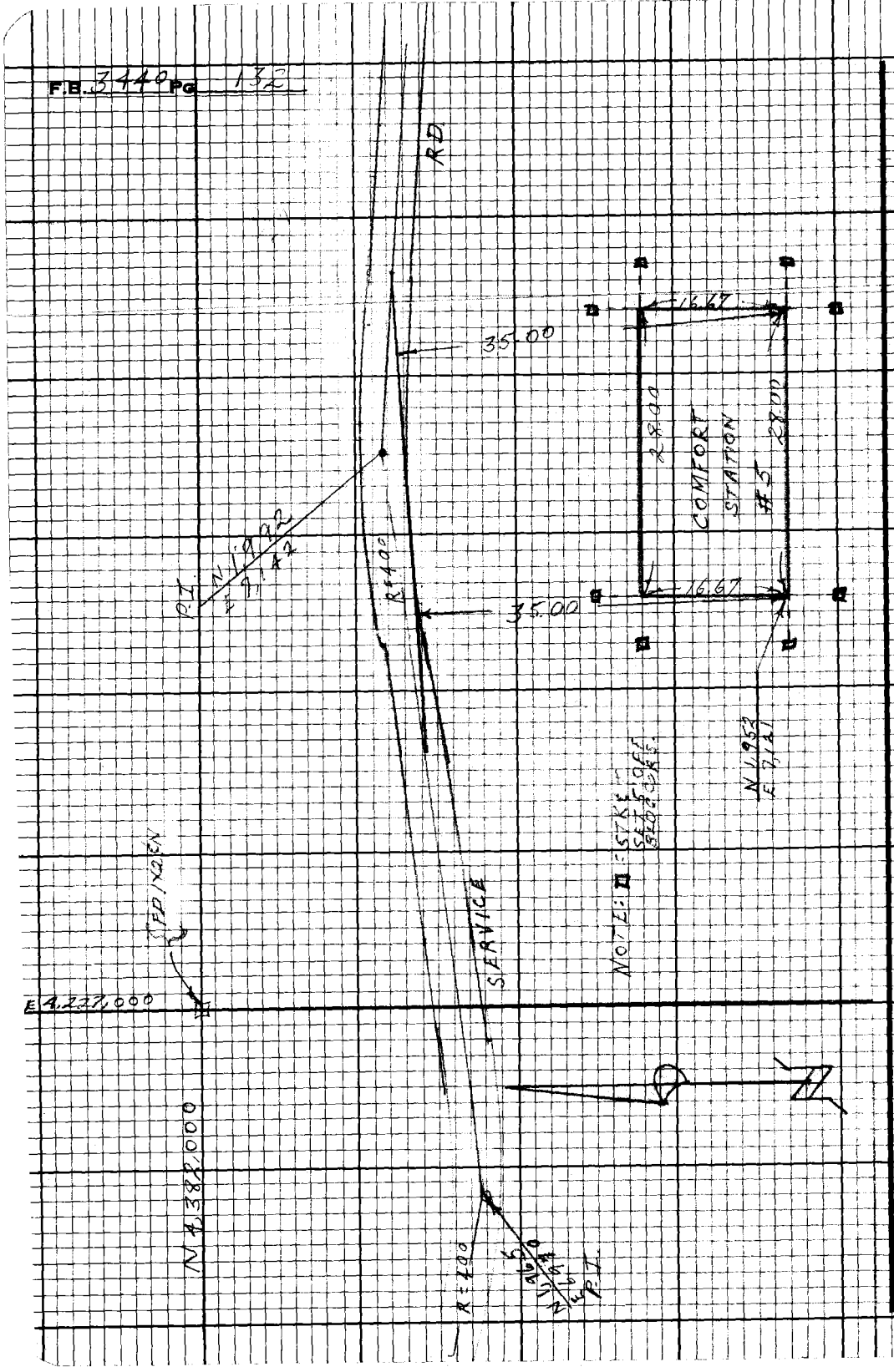
F.B. 3440 PG 132



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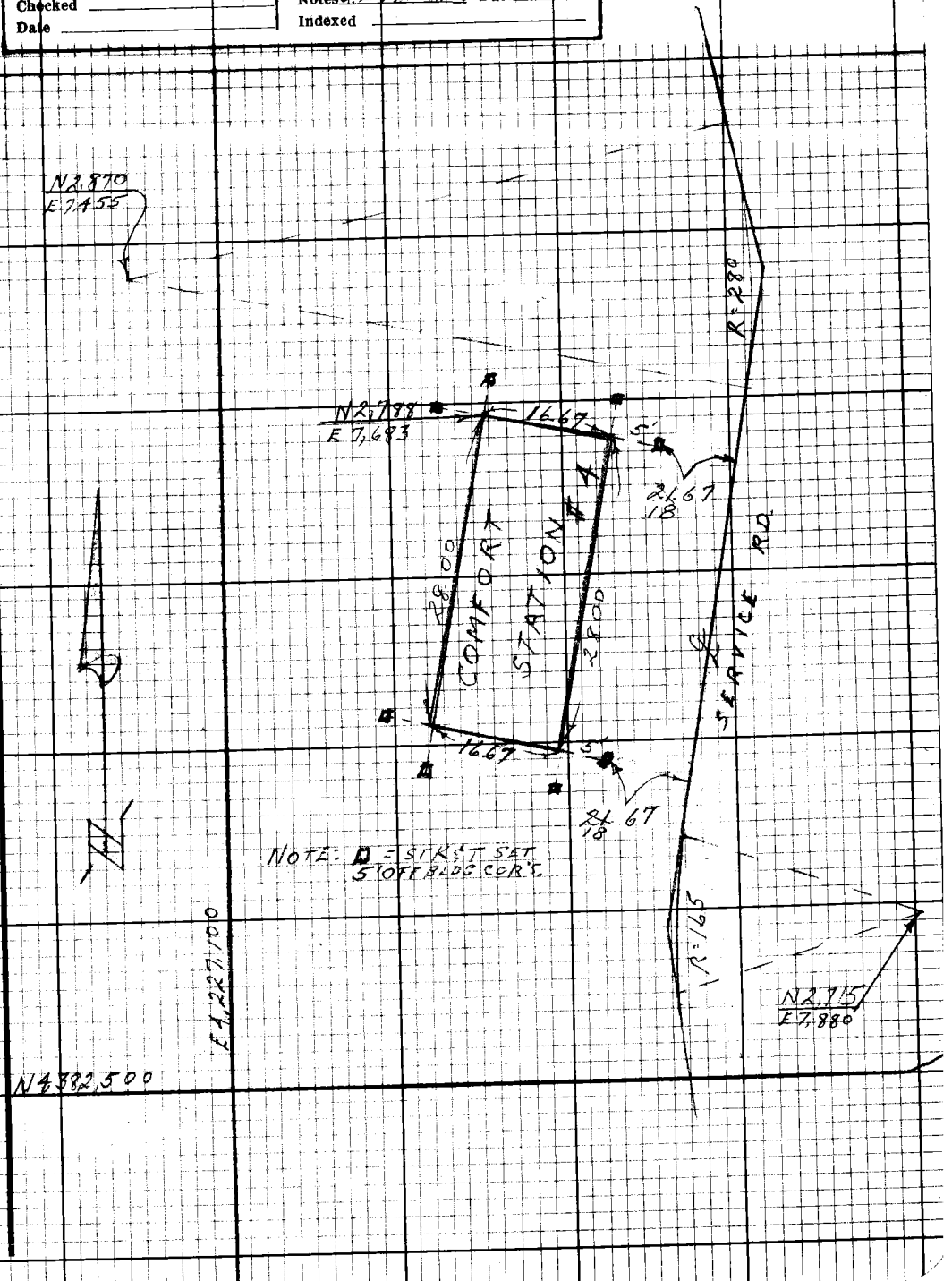
Notes Ck'd by	Survey of [illegible]
Map No.	JN 892107 Tape 184 Std [illegible]
Office Work	Surveyed by J. S. Coates
Checked	Notes G. L. Van Alles Date 7-16-70
Date	Indexed

F.B. 3440 PG. [illegible]



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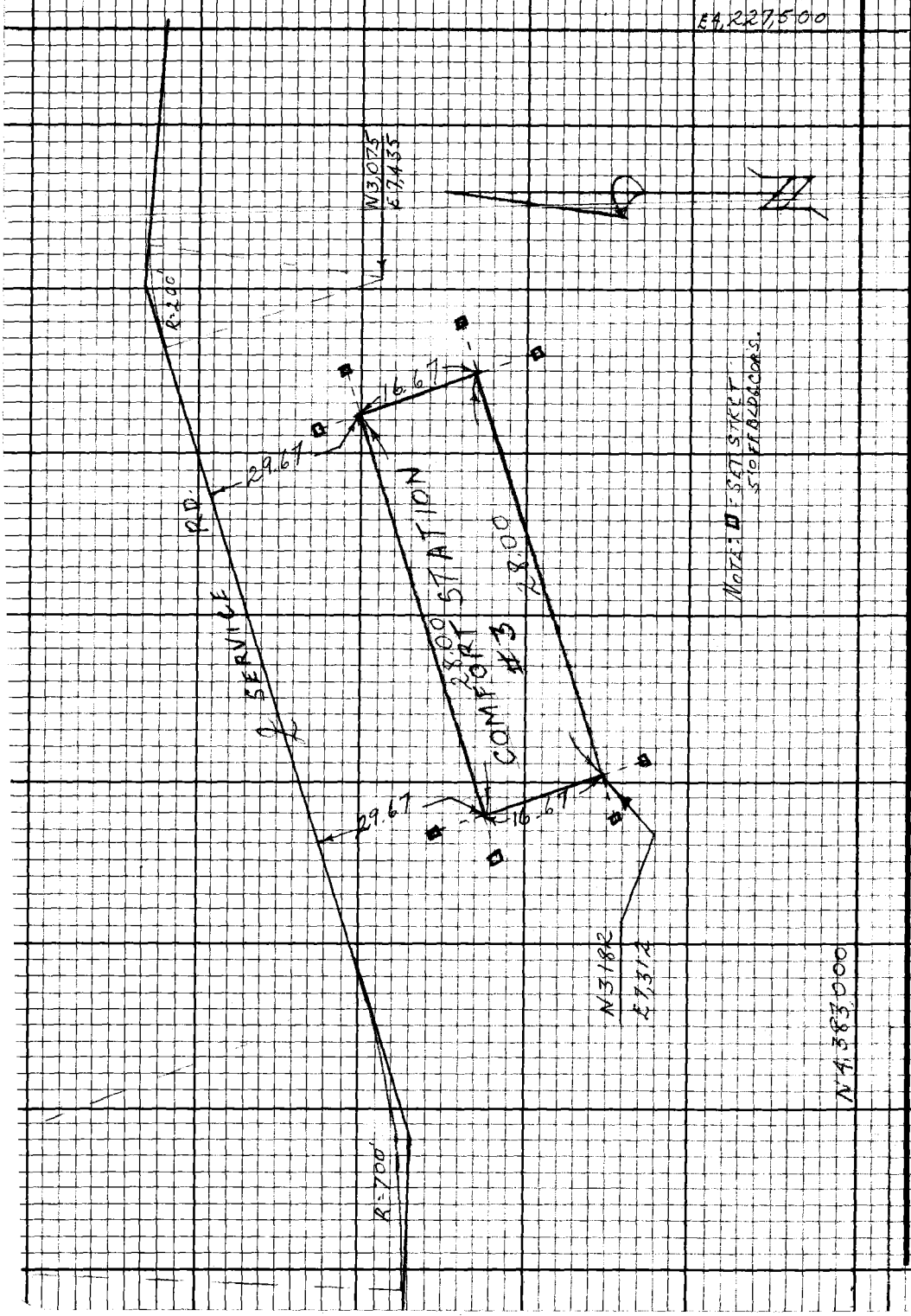
F.B. 344° Pg. 134



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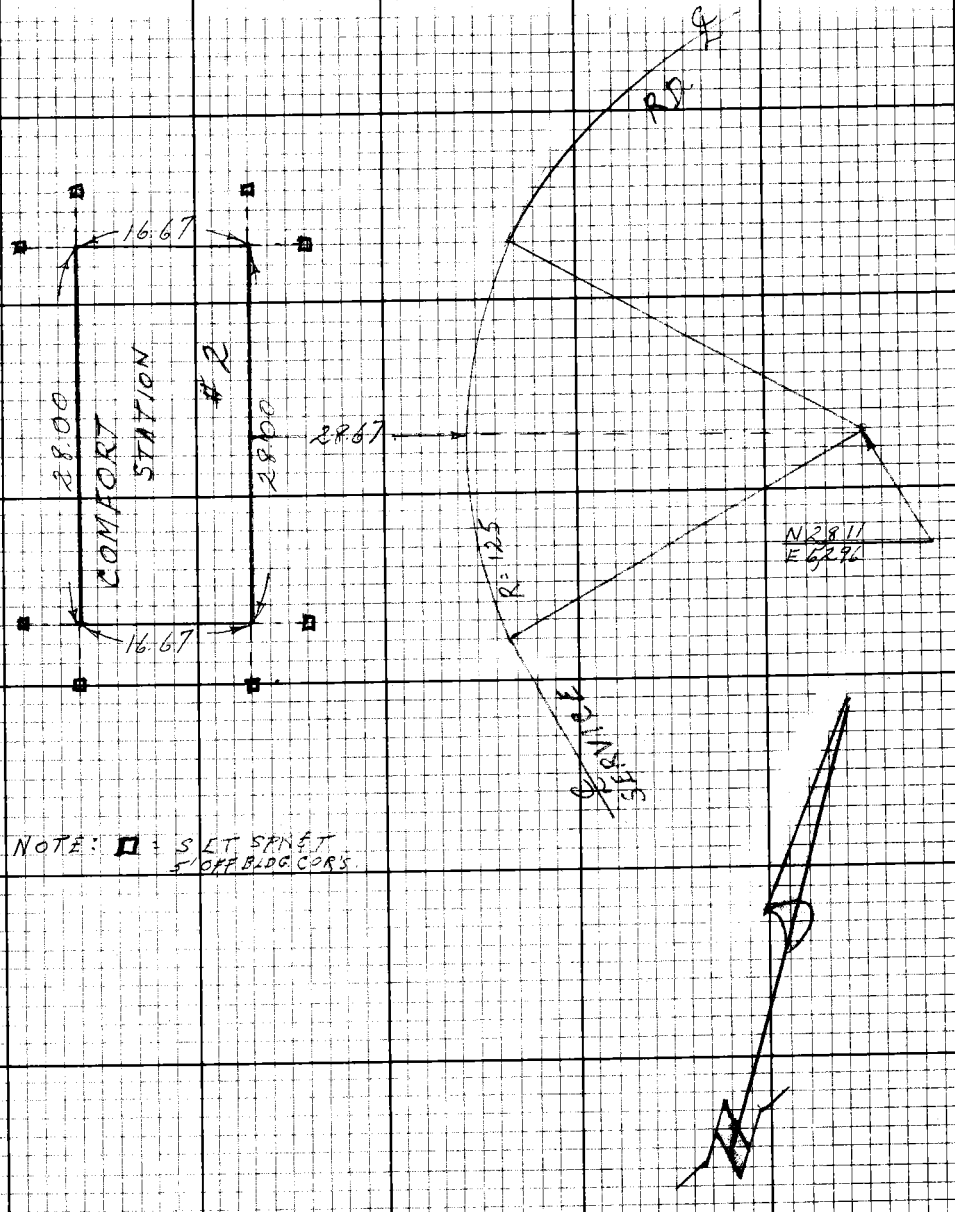
Map No.	JN [illegible] Tape 184 Std 84 °F
Office Work	Surveyed by
Checked	Notes G.L. VANNESS Date 7-13-70
Date	Indexed

F.B. 3440 PG. [illegible]



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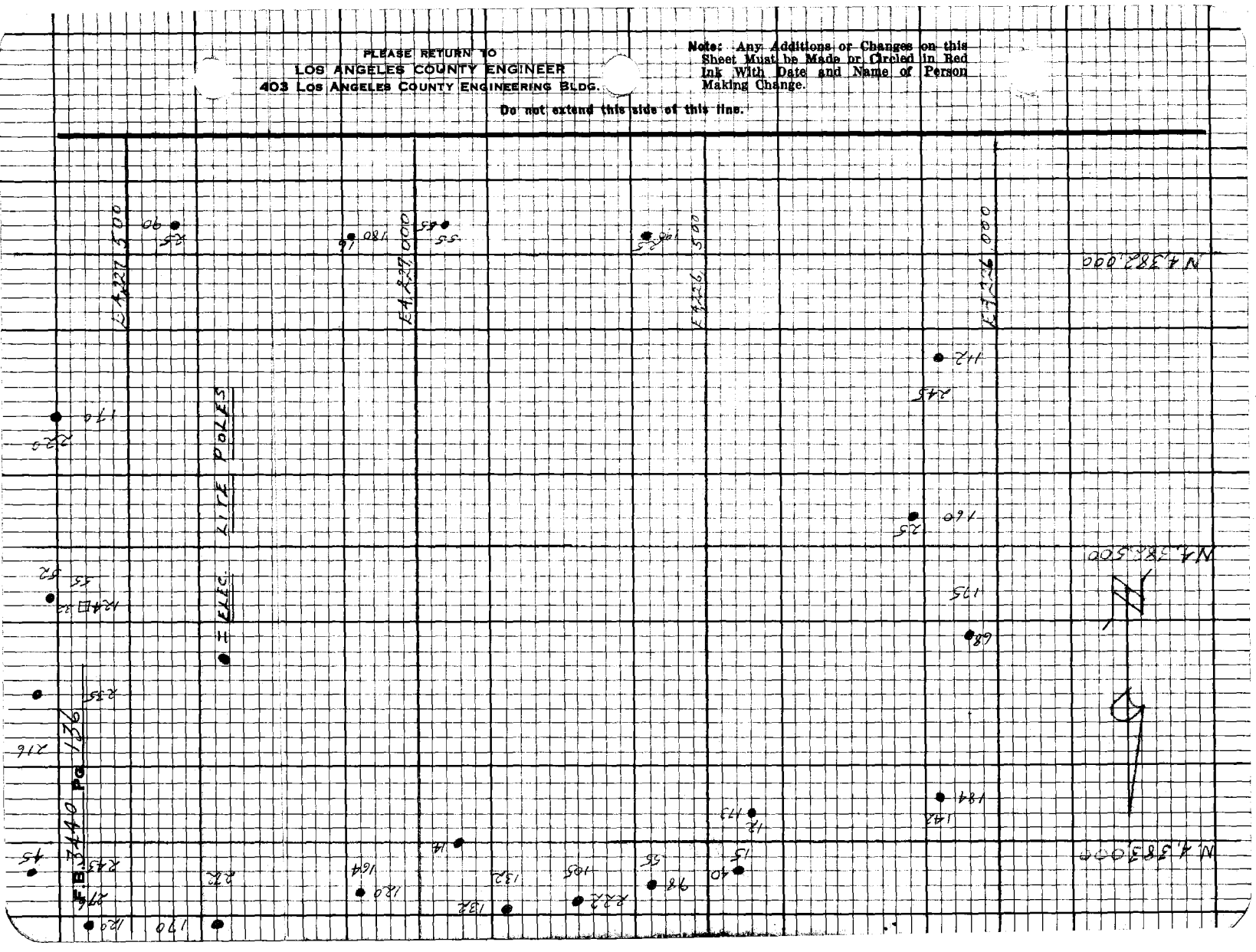

F. B. 7410 PG. 177

Profile No. | Notes Red | Date | Plotted | Date | Job No. 8924.07 | Division No. | Survey of A.V. WASTE WATER PROJECT

X-Sec. No. | Notes Chk'd. | Date | Checked | Date | Survey by J.S. COATES Notes G. VAN N. Date | Map No. | Indexed | Date

J.N 8924.07

A.V. WASTE WATER PROJECT

ELEVATIONS FOR SERVICE BLDG. & COMFORT STATIONS

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

COATES
VAN NESS
ADAMS
BITTEL
CROWE

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76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.			
B.M. FD AVA #2				2329.70	B.M. AVA #2 EL: 2329.696 F.B. 1865-47. 40'N OF E. 1/4 COR. SEC. 36, T8N, R12, 13W (40TH ST. W & AVE. F-8) C.E. BUTTON TOP MON.		
SERVICE BLDG					GRADE	C/F	
N.W. COR N.				31.70	2332.15	F0.45	
" W.				31.55	"	F0.60	
S.W. COR W.				31.22	"	F0.93	
" S				31.27	"	F0.88	
S.E. COR S.				31.56	"	F0.59	
" E.				31.63	"	F0.52	
N.E. COR. E.				32.16	"	C0.01	
" N.				32.09	"	F0.06	
COMFORT STA. #1							
N.W. COR N.				33.09	2333.25	C0.84	F0.16 Raised grade 1.00
" W.				32.80	"	C0.55	F0.45 To fit Existing graded
S.W. COR. W.				32.61	"	C0.36	F0.64 site per okay from
" S.				32.38	"	C0.13	F0.87 Bargeman & Dougherty
S.E. COR. S.				32.60	"	C0.70	F0.65 7/20/70 J.S. Coates
" E.				32.79	"	C0.54	F0.46
N.E. COR E.				32.98	"	C0.73	F0.27
" N.				2333.06	"	C0.81	F0.19

F. B. 3440 Pg. 138

Job No. 8924.07 Division No. 11 Notes Red Plotted Profile
Survey of A.V.W.W. RECL. PROJECT Date Date No.
Survey by J.S. COATES Notes G. L. VAN NESS Notes Chk'd. Checked X-Sec.
Indexed Date 7-13-70 Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F		
COMFORT STATION #6								
N.W. COR. N.				2335.24	2337.50	F2.21		
" W.				35.47	"	F2.03		
S.W. COR W.				37.08	"	F0.42		
" S.				37.18	"	F0.32		
S.E. COR. S.				37.52	"	C0.02		
" E.				37.21	"	F0.29		
N.E. COR. E.				35.71	"	F1.79		
" N.				35.40	"	F2.10		TBM 2320.4
SET TBM PUMPHOUSE				2338.35			T.B.M. PUMPHOUSE EL:	F83440 [illegible]
							E. EDGE CONC. STEP ON E. SIDE [illegible]	
				[illegible]			HOUSE A.V.W.W.R.P. SET SMALL [illegible] SET IN LEAD	
TBM @ COMFORT STATION #5				2332.98			TBM STA #5 Elev. 2332.98	Conc. BASE Fire [illegible]
N.W. COR. N				33.37	2333.50	F0.13		
" W				33.26	"	F0.24		
S.W. COR. W.				32.64	"	F0.86		
" S.				2.19	"	F1.31		
S.E. COR. S.				2.27	"	F1.23		
" E.				2.71	"	F0.79		
N.E. COR. E.				3.15	"	F0.35		
" N				3.19	"	F0.31		

Profile Notes Red ____ Plotted ____ Job No. 8924.07 Division No. 11
No. ____ Date ____ Date ____ Survey of [illegible] PROJECT
X-Sec. Notes Chk'd. ____ Checked ____ Survey by J.S. CORTES Notes [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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

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STATION	B. S.	H. I.	F. S.	ELEV.	GRA	C/F		
COMFORT STATION #4								
N.W. COR N.				3220	2333.50	F1.30		
" W				3224	"	F1.26		
S.W. COR W.				3264	"	F0.86		
" S.				3290	"	F0.60		
S.E. COR S.				3286	"	F0.64		
" E.				3287	"	F0.63		
N.E. COR. E.				3296	"	F0.54		
" N.				3289	"	F0.61		
BM AVA 63				2326.85			BM AVA 33 Elev. 2326.87 F.B. 3440-63	
COMFORT STATION #3								
N.W. COR N.				3463	2334.75	F0.12		
" W.				3444		F0.31		
S.W. COR. W				3405		F0.70		
" S.				3405		F0.70		
S.E. COR. S				3426		F0.49		
" E				3438		F0.37		
N.E. COR. E.				3461		F0.14		
N.				3467		F0.08		

F. B. 3440 Pg. 140

Job No. 8924-07 Division No. 11 Notes Red Plotted Profile

Survey of A.V.W.W. RECL PROJECT Date Date No.

Survey by J.S. COATES Notes G.L. VAN NESS Notes Chk'd. Checked X-Sec.

Indexed Date 7-16-70 Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.				
		COMFORT STATION #2						
BMAVA 28					GRADE ~~4.50~~ 4.75	C/F	AVA 28	Elev. 2329.14 FB 344
NE Cor					2335.75			RAISED GRADE OF
5' E				37.30	"	~~C1.55~~ F0.20	F0.45	COMFORT STATION 7.75 2.00
5' N				37.23	"	~~C1.48~~ F0.27	F0.52	TO FIT EXISTING
NW Cor								GRADED SITE. THIS
5' N				37.19	"	~~C1.44~~ F0.31	F0.56	WAS OKAYED BY
5' W				37.03	"	~~C1.28~~ F0.47	F0.72	BARGEMEN & DOUGHERTY
SW Cor								7/20/70 J.L. Coates
5' W				37.17 08	"	~~C1.42~~ F0.42	F0.67	
5' S				37.49	"	~~C1.74~~ F0.01	F0.26	
S.E. Cor								
5' S				37.45	"	~~C1.70~~ F0.05	F0.30	
5' E				37.48	"	~~C1.73~~ F0.02	F0.27	
		LIGHT STANDARDS IN PARKING LOT						
BMAVA 26							BM AVA 26	Elev 2329.35 FB 344 - 62
LIGHT Pole	W. Island			31.02	Top cb. GR. 2331.15	F0.13	Set 1X1	10' N. ℄ Lite for R=10
" "	W. "	of ctr. Parking Lot		31.50	30.85	C0.65	"	" "
" "	E "			31.87	29.90	C1.97	"	" "
BM AVA 2				2329.71			BMAVA 2	Elev 2329.696 FB 186 - 17

Profile No. ____ Date ____ Notes Red ____ Plotted ____ Date ____ Job No. 8724-07 Division No. ____
X-Sec. No. ____ Date ____ Notes Chk'd. ____ Checked ____ Date ____ Survey of AV White Water Project
Survey by JSL Notes JSL Date ____
Map No. ____ Date ____ Indexed ____ Date ____

F. B. 344 Pg. 141

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	FINISH PAV-GRADE	C/F			9/29/70 C/F
	SERVICE YARD WALL								
S.W. Cor 5' S			30.79	2330.58	23 31.75	F1.17	Set S&T	5' off Wall	F0.96
5' W			31.02	30.58	"	F1.17			F0.73
CTR. W. Side			30.46	31.02	32.02	F1.00			F1.56
N.W. Cor. 5' W			31.06	31.28	32.30	F1.02			F1.24
5' N			31.14	31.35	"	F0.95			F1.16
CTR. N. Side			32.20	32.13	32.25	F0.07			F0.05
N.E. Cor 5' N		Check	33.07	33.07	32.65	C0.42			
" 5' E				32.97	"	C0.32			
NE Cor. Service Bldg. 5' E				32.20	32.15	C0.05			
BM AVA 26					BM AVA 26	Elev. 2329.35		FB. 3440-62	
S.W. Cor Service Bldg 5' S				31.27	31.75	F0.48			

F. B. 3440 Pg. 142 Job No. 8934.07 Division No. Notes Red Plotted Profile
Survey of A.V. W.W. Project Date Date No.
Survey by JSC Notes JSC Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

Rec'd, Lot Sewers
7/21/70

AVA 35 2325.21
6.06
31.27

		26.60	GR	
1+50	4.67		2315.59	11.01
1+58	4.22	27.05		
1+60			15.79	11.26
1+62	4.29	26.98	15.89	11.09
1+75	3.75	27.52	15.94	11.58

97+50 .208

F. B. ... PG. ...

Profile No. ... Notes Red ... Plotted ... Job No. ... Division No. ...
Date ... Date ... Survey of A.V. WASTE WATER PROJECT S.S.
X-Sec. No. ... Notes Chk'd. ... Checked ... Survey by ... Notes ... Date ...
Date ... Date ... Map No. ... Indexed ... Date ...

A.V. WASTE WATER PROJECT

CONSTRUCTION STAKES

FOR

SANITARY SEWERS

ON

PROJECT SITE

PHASE II

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

COPIES
VANNESS
ADAMS
BITTEL
CROWE

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76-L-298 CE 307 5-66

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135
423

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F. B. 3440 Pg. 147 | Job No. 8221-00 | Division No. 4 | Notes Red | Plotted | Profile
Survey of A. V. W. W. ASP. 03326 - S.S. | Date | No.
Survey by I.S. CONTES Notes M.L. VANNESS | Checked | X-Sec.
Indexed | Date 7-15-70 | Notes Chk'd. | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		TO GRADE	CUT	SET SPIKE 6' LEFT OR W. (S-8)
B.M. AVA #35				2325.21	B.M. AVA #35 ELEV. = 2325.209 F.B. 3440-63			
					S.E. COR. PROJECT SITE (PG. 58) & INT AVE F-8			
		ALONG EAST & NORTH PROP. LINE			& 37TH ST W. FD. C.S. MON. 12" DN.			
1+00	EXIST P.C.							
+02			24.53	26.19		13.70 / 14.40	11.79	
+04			24.59	26.20	2.48 / 0.46	13.72 / 14.45	11.75	10.87
+25			24.15	25.85		13.87 / 14.97	10.88	10.28
+50				26.66		14.06 / 15.59	11.07	
+56			25.82					11.76
+58				27.15		15.79 / 14.13	11.36	
+60	CTR. SPECIAL WEIR	M.H.						
+62				27.13		15.89	11.24	
+75				27.96		15.94	12.02	
2+00				29.23		16.04	12.89	
+25				29.20		16.14	13.06	
+50				28.84	0.40	16.24	12.60	
+75				28.77		16.34	12.43	
3+00				28.94		16.44	12.50	
+25				29.03		16.54	12.49	
+50				28.91		16.64	12.27	
+75				29.08		16.74	12.34	

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Profile Notes Red____ Plotted____ Job No. [illegible] Division No.____
No.____ Date____ Date____ Survey of A.V.W.W. [illegible]
X-Sec. Notes Chk'd.____ Checked____ Survey by [illegible] Notes____ Date____
No.____ Date____ Date____ Map No.____ Indexed____ Date____

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

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT	SET SPIKE & LEFT OR W. (5-8)
4+00				2328.99		2316.84	12.15	
+25				28.83		16.94	11.89	
+50				2881	0.40%	17.04	11.77	
+62.00	H.L.			2877		17.09	11.68	
+75				2869		17.14	11.55	
5+00				2877		17.24	11.53	
+08.00				2883		23[illegible]	11.56	
+10.00	CTR. M.H.							
+12.00				2892		2317.37	11.55	
+25				2911		17.42	11.69	
+50				2925		17.52	11.73	
+75				2958		17.62	11.96	
6+00				2960		17.72	11.88	
+25				2970	0.40%	17.82	11.88	
+50				2967		17.92	11.75	
+75				2993		18.02	11.91	
+90.00	H.L.			3006		18.08	11.98	
7+00				3029		18.12	12.17	
+25				3053		18.22	12.31	
+50				3018		18.32	11.86	
+75				3045		2318.42	12.03	

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F. B. 3440 Pg. 146 | Job No. 8337 | Division No. 11 | Notes Red | Plotted | Profile
Survey of A.L.W.W. RESERVOIR S.S. | Date | Date | No.
Survey by J.S. COATES Notes A.L. VANNESS | Notes Chk'd. | Checked | X-Sec.
Indexed | Date 7-15-70 | Date | No.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT	SET SPK & T 6' LEFT OR W. (5-8 5-9)
8+00				233082		2318.52	12.30	
+25				3060		18.62	11.98	
+33	H.L			3086		18.65	12.21	
+50				3107		18.72	12.35	
+58.00				3090		2318.75	12.15	
+60.00	M.H.							
+62.00				3088		2318.85	12.03	
+75				3097		18.90	12.07	
9+00				3118		19.00	12.18	
+25				3114		19.10	12.04	
+50				3101		19.20	11.81	
+64.00	H.L.			3101		19.26	11.75	
+75				3106		19.30	11.76	
10+00				3119		19.40	11.79	
+25				3144		19.50	11.94	
+50				3142		19.60	11.82	
+75				3144		19.70	11.74	
11+00				3146		19.80	11.66	
+25				3146		19.90	11.56	
+50				3140		20.00	11.40	
+75				3136		20.10	11.26	
12+00				3130		2320.20	11.10	

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STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT	SET SPKT 6' LEFT OF W.
12+08.00				233098	0.40%	232023	10.75	
12+10.00	CTR M.H.							
12+12.00				3095		232033	10.62	
+25				3100		20.37	10.62	
+50				3099		20.48	10.51	
+75				3081		20.58	10.23	
13+00				30.71		20.68	10.03	
+25				30.80		20.78	10.02	
+50				3042		20.88	9.54	
+75				3024		20.98	9.26	
+38.00	H.L.			3045		21.07	9.38	
14+00						21.08		
+25				3009		21.18	8.91	
+50				3000		21.28	8.72	
+75				29.82		21.38	8.44	
15+00				2933		21.48	7.85	
+25				2890		21.58	7.22	
+50				2802		21.68	6.34	
+58.85				27.83		2321.72	6.11	
+60.85	CTR.	M.H.						
+62.85	GOING	W.		2774		232192	5.82	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of A.V. Int. Co. Rte. 14 to 3.5
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 7410 Pg. 17

76-L-298 CE 307 5-66

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F. B. 3446 Pg. 148 | Job No. 8224.07 | Division No. 11 | Notes Red | Plotted | Profile
Survey of A.V. W.W. RECT. PROJECT S.S. | Date | Date | No.
Survey by I.S. COATES | Notes G.L. VAN NESS | Notes Chk'd. | Checked | X-Sec.
Indexed | Date 7-15-70 | Date | Date | No.

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STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT	SET SPKET 6 LEFT OR S. (S-9)
15+75				232827		23 21.98	6.29	
16+00				2900		22.11	6.89	
+25				2945		2224	7.21	
+50				2989		2237	7.52	
+75				30.08		2250	7.58	
17+00				3042		22.63	7.79	
+25				3079	0.52%	22.76	8.03	
+50				31.36		2289	8.47	
+75				3179		2302	8.77	
18+00	H.I.			31.98		2315	883	
+25				32.22		2328	894	
+50				3229		2341	8.88	
+75				3263		2354	9.09	
19+00				3242		23.67	8.75	
+08.85				3244		2323.72	8.72	
+10 P.C.	CTR. M.H.							
B.M. AVA #32								

B.M. AVA #32 EL: 2326.631
FB 3440-63 N.E. COR.
PROJECT SITE (PG 59) FD.
BUTTON TOP MON. F/.
MARKED R.E. 5869

76-L-298 CE 307 5-66

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Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of A.V. WELL FR 6 JCT 55
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. ____ Pg. ____

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT	SUBGRADE 6' LEFT OR S.	(S)
19+12.85				2332.41		2323.82	8.59		
+25				32.91		24.06	8.85		
+50				33.55		24.56	8.99		
+75				33.55		25.06	8.49		
20+00				34.19		25.56	8.63		
+25				34.32		26.06	8.26		
+50				34.34		26.56	7.78		
+ ⌒ 60.85	4 FT.	back		34.19		26.78	7.41		
+ 60.85		ahead				26.78			
+75				34.28	2.00%	27.06	7.22		
21+00				34.00		27.56	6.44		
+25				34.11		28.06	6.05		
+50				34.26		28.56	5.70		
+75				34.25		29.06	5.19		
22+00				34.45		29.56	4.89		
+25				34.72		30.06	4.66		
+50				34.15		30.56	3.59		
+57.85	back		39	33.93		30.72	3.21		
+57.85	Ahead		34.02			30.72			
+ ⌒ 75				33.81		31.06	2.75		
23+00				34.50		33.56	2.94		

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STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT	SET SPKT 6' LEFT OR S. (S-12)
23+25				233474	200%	2332.06	2.68	
+50				233563		3256	3.07	
+69.85	END	H.L		3620		2332.96	3.24	
TP				2944				
Top N'ly Log Stop				3004				TBM Top N'ly Log Stop Elev 2330.02 FB.3440-116
ALONG SOUTH PROP LINE TO COMFORT STATION #5 & #6								
1+00.00	ctr J.C @ ℄ AVE F-8							
1+02.00				6.18 2794		~~16.08~~ 2317.20	10.10 10.74	Red Elev. = PRECISE Elev. 2316.32 = 2318.06
1+04.00						16.09 ~~17.25~~		
1+25				6.56 2831		16.24 ~~17.75~~	10.32 10.56	
1+38.00				6.93 2868		16.32 2318.06	10.62	
1+40.00	ctr M.H.							
1+42.00				2939		2318.06	11.33	
1+48.00 N = 1+00 E				3040	200%	2318.08	12.32	
1+25				3162		18.58	13.04	
1+50				3148		19.08	12.40	
1+75				3144		19.58	11.86	
2+00 ⊙				3148		20.08	11.40	
2+25				3150		2320.58	10.92	

F. B. 3440 Pg. 150
Job No. 892407 Division No. 11 Notes Red ___ Plotted ___ Profile ___
Survey of A.V.W.W. RECIPROJECT S.S. Date ___ Date ___ No. ___
Survey by J.S. COATES Notes G.L. VANNESS Notes Chk'd. ___ Checked ___ X-Sec. ___
Indexed ___ Date 7-16-70 Date ___ Date ___ No. ___

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STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT		
2+50				2331 62		2321.08	10.54	Set	1X1 EN 6' L on N ℄
+75				31 68		21.58	10.10		
3+00				3175		22.08	9.67		
+25				3169		22.58	9.11		
+50				3166	2.00%	23.08	8.58		
+75				3142		23.58	7.84		
4+00				3153		24.08	7.45		
+25				3122		24.58	6.64		
1+48.8	C.O.T.G.			3123		25.06	6.17		
"				30 35		25.06	5.29		
+67	END H.L. TO COMFORT STA #5			32.56		25.42	7.14		
				33 00					
1+48.00 = 1+00.00 WEST - COMFORT STA. # 6									
1+00				3158	3.32%	2318.08	13.50		
+25				3150		1891	12.59		
+40	℄ PT.			3145		2319.47	11.98		
+44				3097		19.52	11.45		
+50				3184		19.58	12.26		
+75				33 17	1.00% .88%	1980	13.37		
2+00				32 67		20.02	12.65		
+25				33 00		20.24	12.85		

Profile Notes Red ____ Plotted ____ Job No. 8/24/07 Division No. 1
No. ____ Date ____ Date ____ Survey of A.W. WILKEN PROJECT S.S.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 741 PG. —

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F. B. 3440 Pg. 152 | Job No 8324.0 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of A.L.W.W. REC. PROJECT S.S. Date ____ Date ____ No. ____
Survey by U.S. Coates Notes G.L. VAN NESS Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed ____ Date 7-23-70 Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRAD.	DIST		(5-11)
2+50				2332.28					
+75				32.40		20.46	11.82	Set STK & TIN 6' E R of ℄	
3+00				32.52	1.00%	20.68	11.72		
~~+25~~				~~32.64~~		20.90	11.72		
+30						23212			
+34	}	X PT. C.O.T.G.				21.16	11.80		
+50				32.95		2120	1175		
+75				33.48	1.00%	2134	11.14		
+94		H.L.		33.87		21.56	9.95		
~~4+00~~				34.08		21.72	9.14		
~~+25~~				34.32		21.78	9.17		
+39.5		EXIST. STOPLOG STRUC.		34.38		22.00	8.38		
+57.5		EXIST. STOPLOG STRUC.			1.00%	23223 30 31	—		5+39.5 ELEV. 2322.13 SO. END
+75						232 ~~24~~	—		LOG STOP
+84.7	}	X PT. C.O.T.G.		29.21	9.76%	24.02	552		
+88.7				29.59		2324.96	4.73		
5+00				29.59		24.96	4.63		
+25				29.88		25.09	4.00		CH. + "
+50				29.84	1.00%	25.36	3.28		"
+75				29.74		25.64	2.80		"
6+00				29.80		2592	308		
+25				29.96		2620	3.76		
				30.09		2648	4.31		

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STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT	
6+50				233208		2676	5.32	
+75				3449		2704	7.45	
7+00				3427	1.00% 1.12%	27.32	6.95	
+20	H.L.			34[illegible]		2755	7.28	
+40²	} ✗ PT. C.O.T.G.			3528		2327.78	7.50	
+44²				3564		2782	7.82	
+50				3609	1.00% 1.96%	27.93	8.16	
+75				3723		2842	8.81	
8+00				3742		2891	8.51	
+12	GRADE BK.		29.34	3678		2329.14	7.64	
+25				3636	~~2.72%~~ 4.04%	30.96	5.40	
8+42³		+27	3110	3582		33.40	2.42	
T.B.M. Pump House				2338.35				T.B.M. Pump House EL=2338.35 [illegible] F.B. 3440-139 E. Edge Conc. Step on L. Side Pump House A.V.W.W.R.P. Set Small S[illegible] Set in Lead.

Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. [illegible]
No. ____ Date ____ Date ____ Survey of A.V.W.W. Rec. Project S.S.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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

F. B. 3440 Pg. 154

Job No. 892407 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of A.V. W.W. Rec. PROJECT S.S. Date _____ Date _____ No. _____

Survey by J.S. COATES Notes G.L. VAN NESS Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date 7-24-70 Date _____ Date _____ No. _____

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

76-L-298 CE 307 5-66

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

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 8921 Division No. ____
Survey of A.V. W.W. RECL. PROJECT S.S
X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by [illegible] Notes [illegible] Date [illegible]
Map No. ____ Indexed ____ Date ____

[illegible]

A.V. WASTEWATER PROJECT

GRADES

FOR

S.S. LINE

TO

SERVICE COMFORT STA. #2

PHASE II

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

[illegible]

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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F. B. 3440 PG. 156 | Job No. 5824.01 | Division No. 11 | Notes Red | Plotted | Profile
Survey of AV. W.W.R.R. FROM TEST S.S. | Date | No. | X-Sec.
Survey by JSC & AT&T Notes C.S. V. AUNGER | Checked | No.
Indexed | Date 7-22-70 | Date

STATION	B. S.	H. I.	F. S.	ELEV.	G%	GRADE	CUT	
								(5-10)
BM AVA #26				2329.35				BM. AVA #26 EL.=2329.35 F.B. 3440-62 W. BOUNDARY A.V.W.W.R.R. & N 4,382,000 FD. 1" I.P. 6" DN.
1 + 00 °°	EXIST. T.C.							
+ 02 °°				2995		2319.50	10.45	
+ 25				30.66		19.59	11.07	
+ 50				2979		19.69	10.10	
+ 75				3036	0.40%	19.79	10.57	
2 + 00			—	3027		19.89	10.38	
+ 25				3049		19.99	10.49	
+ 50				30 63		20.09	10.54	
+ 70 °°				3047		2320.16	10.31	
+ 72 °°	CTR. SPECIAL WEIR M.H.							
+ 74 °°				3054	0.40%	2320.26	10.28	
+ 80 °° = 0 + 00 °°	H.L. BRANCH LINE GOING			E-3060		2.028	10.32	
0 + 25						2.053		
+ 50					1%	20.78		
+ 75						21.03		
+ 90						21.18		
3 + 00				3102	0.40%	2320.36	10.66	

76-L-298 CE 307 5-66

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(5-10)

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT
3+25				2331.20		2320.46	10.74
+50				3137		20.56	10.81
+75				3138		20.66	10.72
4+00				3150	0.40%	20.76	10.74
+25				3160		20.86	10.74
+50				3191		20.96	10.95
+75				3219		21.06	11.13
5+00				3223		21.16	11.07
+ 05 = 0+00 SO H.L. BRANCHLINE GOINGE.				3223		21.19	11.04
0+25				3343		24.94	8.49
0+50				3494	1.5%	28.69	6.25
0+75	NOT SET						
0+80				3634		33.19	3.15
5+25				3244		21.26	11.18
+50				3240	0.40%	21.36	11.04
+75				3212		21.46	10.66
6+00				3190		21.56	10.34
+24.00	∡	back	–	3156		2321.66	09.90
+26.00		AHEAD					
+ 28.00				3165	2.29%	2321.86	9.79
+ 50				3234		22.34	10.00

Profile Notes Red ____ Plotted ____ Job No. 881 Division No. ____
No. ____ Date ____ Date ____ Survey of AV.W.W. RECL PROJECT S.S.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by J. Cox Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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

76-L-298 CE 307 5-66

5.64

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STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT		(S-10)
6+75				233318		22.89	10.29	Set	1X1&N 6'SE'Ly ℄ S.S.
7+00				3330	2.20%	23.44	9.86		
+25				3331		23.99	9.32		
+50				3337		24.54	8.83		
7+76 = 0+00	GOING N.	H.L.		3333		25.11	8.22		
0+25				3352		25.36	8.16		6' E ℄ S.S.
+50				3392		25.61	8.31		
+75				3440		25.86	8.54		
1+00				3478		26.11	8.67		
+20				3499		26.20	8.79		
+25				3500		26.36	8.64		
+50				3524		26.61	8.63		
+75				3534		26.86	8.48		
2+00				3576	1%	27.11	8.65		
+25				3587		27.36	8.51		
+50				3577		27.61	8.16		
+75				3595		27.86	8.09		
3+00				3613		28.11	8.02		
+05				3622		28.16	8.06		
+25				3637	2%	28.56	7.81		
+50				3677		29.06	7.71		
+75				3651		29.56	6.95		
+80	∆ pt.			3676		29.66	7.10		

F. B. 3440 PG. 158

Job No. 8924-07 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of A.V.W.W. RECL. PROJECT S.S. Date ____ Date ____ No. ____

Survey by J.S. COATES Notes G.L. VAN NESS Notes Chk'd. ____ Checked ____ X-Sec. ____

Indexed ____ Date 7-22-70 Date ____ Date ____ No. ____

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Profile Notes Red____ Plotted____ Job No. 5247 Division No.____
No.____ Date____ Date____ Survey of R.H. Woods Rec. Proj. 5.5.
X-Sec. Notes Ck'd.____ Checked____ Survey by [illegible] Notes [illegible] Date____
No.____ Date____ Date____ Map No.____ Indexed____ Date____

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

(5-10)

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT
3+90				NOT SET	2%	2329.26	
7+94.00				2333.54	0.40%	25.51	8.03
+96.00	CTR. M.H.						
+98.00				3368		2325.61	8.07
8+03.20+00	H.L. Conc S.			3372		25.66	8.06
+25				3358	1%	25.91	7.67
+50				33.05		26.16	6.89
+65				33.78		26.31	7.47
+75				3342		26.66	6.76
1+00				3343	3.48%	27.53	5.90
+25				3327		28.40	4.87
+50				3327		29.27	4.00
+77				3331		30.21	3.10
8+25				3384		26.76	7.08
+50				3399	5.9%	28.01	5.98
+75				3347		29.26	4.21
+90				3295		30.01	2.94
0+00	60'	H.L. & "L" @ N0° 4FF		306' H.L.		2326.20	
0+25				3569	12.6%	29.35	6.34
0+50				3659		32.50	4.09
2+00				3675		33.76	2.99

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STATION	B. S.	H. I.	F. S.	ELEV.				
	75' H.L. w'ly off 306' H.L. near Comfort Sta #2							
0+00				2335.90		2328.16	7.74	
0+25				3438		28.66	5.72	
0+50				3282		29.16	3.66	
0+75				3168		29.66	2.02	
	H.L. on 8" V.C.P. Along East Prop Line Sheet 5-8							
4+62 H.L.	0+00					2317.09		
	0+25			2332.32	19.2%	21.89	10.43	
	0+50			33.03		26.69	6.34	
	0+75			34.49		31.49	3.00	
6+90 H.L.	0+00					18.08		
	0+25			3310	17.4%	22.33	10.77	
	0+50			3420		26.68	7.52	
	0+80			3504		31.90	3.14	
8+33 H.L.	0+00	⊙ 4.73				18.65		
	0+25			3311	17.0%	22.90	10.21	
	0+50			3358		27.15	6.43	
	0+78			3497		31.91	3.06	

F. B. 3440 Pg. 160
Job No. 8924.07 Division No. 11 Notes Red. Plotted Profile
Survey of A.V.W.W. Recl. Project S.S. Date Date No.
Survey by J.S. Coates Notes C.L. Van Ness Notes Chk'd. Checked X-Sec.
Indexed Date 7-22-70 Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		GRADE	CUT	
9+64 HL	0+00					2312.26		
	0+25			2333.31	15.2%	2306	10.25	
	0+50			3320		26.86	6.34	
	0+~~62~~ 70			3301		29.90	311	
13+98 H.L	0+00					21.07		
	0+25			3276	11.80%	24.02	8.74	
	0+50			3367		26.97	6.70	
	0+75			3452		29.92	460	
	0+95			3532		32.28	3.04	
H.L. TO SERVICE BLDG								
AVA 26				232935				BM AVA 26 Elev. 2329.352 FB 440 662
0+00						2320.28		
0+25				31.18		22.08	9.10	Set Stk & Tin 6' Rm S. [illegible]
0+50				32.24	7.2%	23.88	8.36	
0+75				32.03		25.68	6.35	
1+00				32.05		27.48	4.57	
1+20				3209		28.88	3.21	

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

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

F. B. 344 Pg. 162 Job No. 8924-07 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of A.V.W.W. REC. PROJECT S.S. Date _____ Date _____ No. _____

Survey by J.S. COATES Notes G.L. VAN NESS Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date 7-22-70 Date _____ Date _____ No. _____

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

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76-L-298 CE 307 5-66

F. B. PG.

Profile No. Notes Red Date Plotted Date Job No. Division No.
Survey of A. V. W. W. RECL PROJECT
X-Sec. No. Notes Chk'd. Date Checked Date Survey by Notes Date
Map No. Indexed Date

J. N. 8 [illegible]

ELEVATION CHECK FOR HIGH POINTS

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

COATES
VANNESS
BITTEL
CROWE

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STATION	B. S.	H. I.	F. S.	ELEV.	
B.M. AVA #35				2325.21	BM AVA #35 ELEV = 2325.209 F.B. 3440.-63
					S.E. COR. PROJECT SITE (PG 58) ℄ INT. AVE.
					F-8 & 37TH ST. W. FR. C.S. MON. 12" DN.
N 2,040					PLAN GRADE
E 7,680				35.8	2336.2 -0.4
N 2,360					
E 7,670				36.07	2336.3 -0.2
N 2,560					
E 7,660				36.4	2337.0 -0.6
N 3,230					
E 7,630				38.3	2338.2 +0.1
N 3,170					
E 7,080				37.1	2337.2 -0.1
N 2,600					
E 6,170				37.0	2337.3 -0.3
N 2,290					
E 6,060				37.0	2336.3 +0.7
N 2,440					
E 6,680				39.9	2340.2 -.3
N 2,740					
E 6,840				34.7	2334.3 +.4
T.B.M. PUMP HOUSE					T.B.M. PUMP HOUSE EL. = 2338.35 F.B. 3440-139
					E. EDGE CONC. STEP ON E SIDE PUMP HOUSE
					A.V.W.W.R.P. A SMALL BT. SPK SET IN LEAD

F. B. 3440 PG. 164
Job No. 8924.07 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of A.V.W.W. RECL. PROJECT Date ____ Date ____ No. ____
Survey by J.S. COATES Notes G.L. VAN NESS Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed ____ Date 7-20-70 Date ____ Date ____ No. ____

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

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

J.N. [illegible]

CONSTRUCTION STAKES FOR ENTRANCE ROAD.

ANTELOPE VALLEY WASIE WATER PROJECT

PIERCE KING EGSTROM

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

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STATION	B. S.	H. I.	F. S.	ELEV.	TOP PVM'T. GR. N. EDGE RD.	CUT / FILL		
BM #AVA 20C				2338 66			BM AVA 20 C ELEV. = 2338.66 F.B. 2690 - 97, 110, 841.5 ELY. & 495' NLY OF ℄ INT AVE. F-8 AND AIRPORT ENTRANCE RD. A 1" I.P. DN. 12" AT NE COR. TENANT SITE	
				2339 71			BM "TENANT" ELEV. = 2338.037. F.B 2690 - 153 AVE. F-8 AT W. SIDE TENANT SITE BT. SPK IN CURB 2' E. OF E. END C.R. AT ENTRANCE TO PARKING LOT.	
9 + 41.50				38 26 / 38 ~~78~~ 71	2338.42	JOIN		42' L E. end Conc. Gutt 18' L END EXIST PVM'T.
9 + 50				38.99 / 39 10	38.37	C-0.73 0.62		50' L SET 1X1
10 + 00				39 32	38.11	C-1.21		
+ 50				39 65	37.76	C-1.89		
11 + 00				39 43	37.60	C-1.83		
+ 50				39 ~~55~~ 37	37.35	C-1.80 C 2.02	2.20	
12 + 00				39 24	37.09	C-2.15		
+ 50				39 ~~83~~ 14	36.84	C-2.39 0		
13 + 00 *				36 78	36.58	C-0.20		
+ 50				36 47	36.33	C-0.14		
14 + 00				36 50	36.07	C-0.47	0.43 GRADE BRK	
14 + 50				35 85	35.96	F-0.11		
15 + 00				35 77	35.85	F-0.08		
+ 50				35 41	35.74	F-0.33		
16 + 00				35 ~~46~~ 38	23 35.63	F-0.17 F 0.26		

F. B. 3440 PG. 166

Survey of A.V.W.W. REC. PROJECT Job No. 8924.07 Division No. 11 Notes Red Date Plotted Date Profile No.

Survey by J.C. PIERCE Notes J.C.P. Date 7-23-70 Notes Chk'd. Date Checked Date X-Sec. No.

Indexed

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	TOP PAV GR. N. EDGE. PVM'T	CUT / FILL		
16+50 59				2335 96	2335.52	C-0.44		50' L. 1" I.P.
17+00				35 37	35.41	F-0.04		" " 1 x 1 STK.
+50				35 62	35.30	C-0.32		" " " "
18+00 *				35 31	35.19	C-0.12		
+50				35 25	35.08	C-0.17		
19+00				35 31	34.97	C-0.34		
+50				34 88	34.86	C-0.02		
20+00				34 90	34.75	C-0.15		
+50				35 00	34.64	C-0.36		
21+00				34 38	34.53	F-0.15		
+50				34 02	34.42	F-0.42	F 0.40	
22+00				33 95	34.31	F 0.36		
+50				33 87	34.20	F-0.33		
23+00 *				33 92	34.09	F-0.17		
+50				33 70	33.98	F 0.28		
24+00				33 67	33.87	F-0.20		
+50				33 51	33.76	F-0.25		
25+00				32 58	33.65	F-0.87	F 1.07	
+50				32 88	33.54	F-0.66		
26+00				33 15	33.43	F-0.28		
+50				33 13	33.32	F-0.19		

Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. ____
No. ____ Date ____ Date ____ Survey of [illegible] Project
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 7440 PG. 119

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STATION	B. S.	H. I.	F. S.	ELEV.	NO. EDGE PAV. TOP PAV. GRADE	CUT / FILL	
27+00 *				32.91	2333.21	F-0.30	50'L SET 1X1 STK
+50				32.78	33.10	F-0.32	
28+00				[illegible]	32.99	F-0.43	
+50				[illegible]	32.89	C-0.36	
29+00				32.87	32.79	C-0.08	
+50				[illegible]	32.68	C-0.10	
30+00				[illegible]	32.57	C-0.25	
+50				32.63	32.46	C-0.22	
31+00				[illegible]	32.35	F-0.19	
+50				[illegible]	32.24	GRADE	
32+00 *				[illegible]	32.13	F-0.08	
+50				32.38	32.02	C-0.36	
33+00				32.12	31.91	C-0.21	
+50				32.~~41~~ 37	31.80	C-~~0.61~~ 0.42	
34+00				31.66	31.69	F-0.03	
+50				32.21	31.58	C 0.63	
35+00				32.07	31.47	C-0.60	
+50				31.43	31.36	C-0.07	
36+00				31.09	31.25	F-0.16	
+50 *				31.05	31.14	F. 0.09	
37+00				30.62	31.03	F-0.41	

F. B. 3440 PG. 168

Job No. 8324.07 Division No. 11 Notes Red Plotted Profile

Survey of A.V.W.W. REC. PROJECT Date Date No.

Survey by J.C. PIERCE Notes J.C.P. Notes Chk'd. Checked X-Sec.

Indexed Date 7-23-70 Date Date No.

76-L-298 CE 307 5-66

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Profile No. _____ Notes Red _____ Plotted _____ Job No. _____ Division No. _____
X-Sec. No. _____ Notes Chk'd _____ Date _____ Checked _____ Date _____ Survey of _____ Survey by _____ Notes _____ Date _____
Date _____ Map No. _____ Indexed _____ Date _____

STATION	B. S.	H. I.	F. S.	ELEV.	TOP PVM'T GR. N. EDGE	CUT / FILL	
37+50				30 29	2330.93	F-0.64	50' L SET IXI STK.
38+00				30 67	30.83	F-0.16	
38+52.66 *				30 38	30.72	F-0.34	
39+00		See Pg 173		30 64	30.63	GRADE	
+50				30 57 (47)	30.53	~~F 0.04~~ ~~C 0.04~~	
40+00				30 ~~50~~ (40)	30.43	F 0.03 ~~C-0.06~~	
+38.07	EC			30 ~~34~~ (40)	30.35	C 0.05 GRADE	
+50				30 ~~33~~ (45)	30.33	0.12 ~~C-0.05~~	
+76.94				30 +6 (23)	2330.31	F 0.08 ~~F-0.15~~	
BM AVA 26				2329 33			BM AVA 26 ELEV. = 232 FB. 3440-62
37+00				30 72	2331.36	F-0.56	1.81 B'R OF S. EDGE PAV IXI ST
37+50				30 46	31.21	F-0.75	
38+00				30 ~~41~~ (34)	31.05	F 0.71 ~~F-0.64~~	
38+52.66				30 32	30.89	F-0.57	
39+00				30 71	30.74	F-0.03	
+50				30 51	30.59	F-0.08	
40+00				30 39	30.43	F-0.04	
40+38.07				29 ~~88~~ (83)	30.31	F-~~1.76~~ (1.43)	

F. B. _____ PG. _____

76-L-298 CE 307 5-66

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F. B. 37-13 Pg. 170 | Job No. 823407 Division No. 11 | Notes Red ____ Plotted ____ Profile ____
Survey of A.U. W.W. - Rel. Pipeline | Date ____ Date ____ No. ____ X-Sec. ____
Survey by J.C. Pierce Notes J. C. P. | Notes Chk'd. ____ Checked ____
Indexed ____ Date 7-23-70 | Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.			
40+30				29.91	30.27	F 0.36	
40+76				30.25 30	23 30.19	C 0.94 0.11	
BM AVA 26				29.33	BM AVA # 26 ELEV. = 2329.352 FB 3440-62		
					W. BDRY. & N 4,382,000.00 TOP 1" I.P.		
	45' OF 18"X11" CMP ARCH CULVERT						
37+85				23302 / 30.53	2329.30 / 2328.80	C 0.91 / C 1.73	Set Stk 5' N'Ly of N'Ly end / " 5' S'Ly of S'Ly end
	S'Ly SIDE OF 24' ENTRANCE RD.						
FD BM AVA 20C							
9+41.50				38.71	2338.71	JOIN	EXIST PAVT
9+50				38.55 31	38.67	FO 36 FO 0.12	Set 1"x1" 1' S. of S. edge
10+00				38.54	38.42	C 0.12	
+50				38.22	38.17	C 0.05	
11+00				37.97	37.92	C 0.05	
+50				38.16	37.67	C 0.49	
12+00				36.89	37.42	F 0.53	
+50				37.15	37.17	F 0.02	
13+00				36.77	36.92	F 0.15	
+50				36.29	36.66	F 0.37	
14+00				36.37 12	2336.40	F 0.28 F 0.03	

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	TOP PAV. GRADE	C/F		
14+50				2335.96	2336.29	F0.33	Set 1x1	1' S. of [illegible]
15+00				35.85	36.18	F0.33		
+50				35.85	36.07	F0.22		
16+00				35.81	35.96	F0.15		
16+50 59				36.13	35.85	C0.28		
17+00				35~~75~~ 56	35.74	F0.18 ~~C0.01~~		
+50				35~~74~~ 25	35.63	F0.38 C0.11		
18+00 *				2335.53	35.52	C0.01		
+ 50				35.47	35.41	C0.06		
19+00				35.30	35.30	GR.		
+50				35.03	35.19	F0.16		
20+00				34.62	35.08	F0.46		
+50				35.15	34.97	C0.18		
21+00				34.86	34.86	GR.		
+50				34.68	34.75	F0.07		
22+00				34.19	34.64	F0.45		
+50				34.44	34.53	F0.09		
23+00				34.25	34.42	F0.17		
+50				34.00	34.31	F0.31		
24+00				34.15	34.20	F0.05		
+50				33.81	34.09	F0.28		

Profile No. ____ Notes Red ____ Plotted ____ Job No. [illegible] Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of AV WW PROJECT
Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 3440 PG. [illegible]

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STATION	B. S.	H. I.	F. S.	ELEV.	Top Pav GRADE	C/F		
25+00				233336	2333.98	F0.62	Set 1X1	1' S. of S. edge
+50				3352	33.87	F0.35		
26+00				3356	33.76	F0.20		
+50				3384	33.65	C0.19		
27+00				3375	33.54	C0.21		
+50				3353	33.43	C0.10		
28+00				3297	33.32	F0.35		
+50				3284 3332	33.21	F0.37 C0.11		
29+00				3293	33.10	F0.17		
+50				3285 3319	32.99	F0.14 C0.20		
30+00				3278 3305	32.88	F0.10 C0.17		
+50				47 3279	32.77	F0.30 C0.02		
31+00				3272	32.66	C0.06		
+50				3260	32.55	C0.05		
32+00				3193	32.44	F0.51		
+50				3196	32.33	F0.37		
33+00				3221	32.22	F0.01		
+50				3202	32.11	F0.09		
34+00				3162	3200	F0.38		
+50				3173	31.89	F0.16		
35+00				3170 3161	31.78	F0.08 F0.17		

F. B. 3440 PG. 172 Job No. 892407 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of A.V.W.W. Rec. Project Date ____ Date ____ No. ____
Survey by J.S. Coates Notes J.S.C. Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed ____ Date 7-24-70 Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	Top Pav Grade	C/F		
35+50				2331.14	2331.67	F0.53	Set 1x1	1' S. of Sedge [illegible]
36+00				31.13	2331.56	F0.43		
+50				30.77	31.45	F0.68		
37+00				30.65	2331.36	F0.71		
+50				30.44	31.21	F0.77	F0.59	8'
38+00				30.34	31.06	F0.62		
+52.66				30.36	30.90	F0.54		
39+00				30.70	30.75	F0.05		
+50				30.43	30.60	F0.17		
40+00				30.29	30.44	F0.15		
+38.07				29.83	30.40	F0.57		
+50				29.85	30.29	F0.42		
+76				30.23	2330.19	C0.04		
	End N. Side pav.							
37+00				30.62	31.00	F0.88		
+50				30.29	31.33	F1.04		
38+00				30.67	31.18	F0.51		
38+52.66				30.38	31.02	F0.64		
39+00				30.64	30.87	F0.23		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8924.07 Division No. 1
X-Sec. No. ____ Date ____ Date ____ Survey of A.V. W.W. Rec. Project
Notes Chk'd. ____ Checked ____ Survey by J.S. Coate Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 3440 PG. 173

F. B. 3440 PG. 174

Job No. 892407 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of A.V.W.W. RECL PROJECT Date _____ Date _____ No. _____

Survey by J.S. COATES Notes J.S.C. Notes Chk'd. _____ Checked _____ X-Sec.

Indexed _____ Date 7-24-70 Date _____ Date _____ No. _____

76-L-298 CE 307 5-66

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STATION	B.S.	H.I.	F.S.	ELEV.		
39+50				2330.39	2330.72	F0.33
40+00				30.40	30.56	F0.26
+38.07				30.45	30.45	F0.05
+50				30.45	30.41	C0.04
40+76				30.23	30.31	F0.08

Notes Ck'd by	Survey of A.V. Reclamation Facility
Map No.	JN 8924.17 Tape 10 Std 64 °F
Office Work	Surveyed by J. Coates
Checked	Notes JSC Date 20-11
Date	Indexed

F.B. 3440 Pg. 175

J.N 8924.17

A.V RECLAMATION FACILITY

LOCATION
OF
PROPOSED BOAT HOUSE

COATES
VAN NESS
ADAMS
BITTEL

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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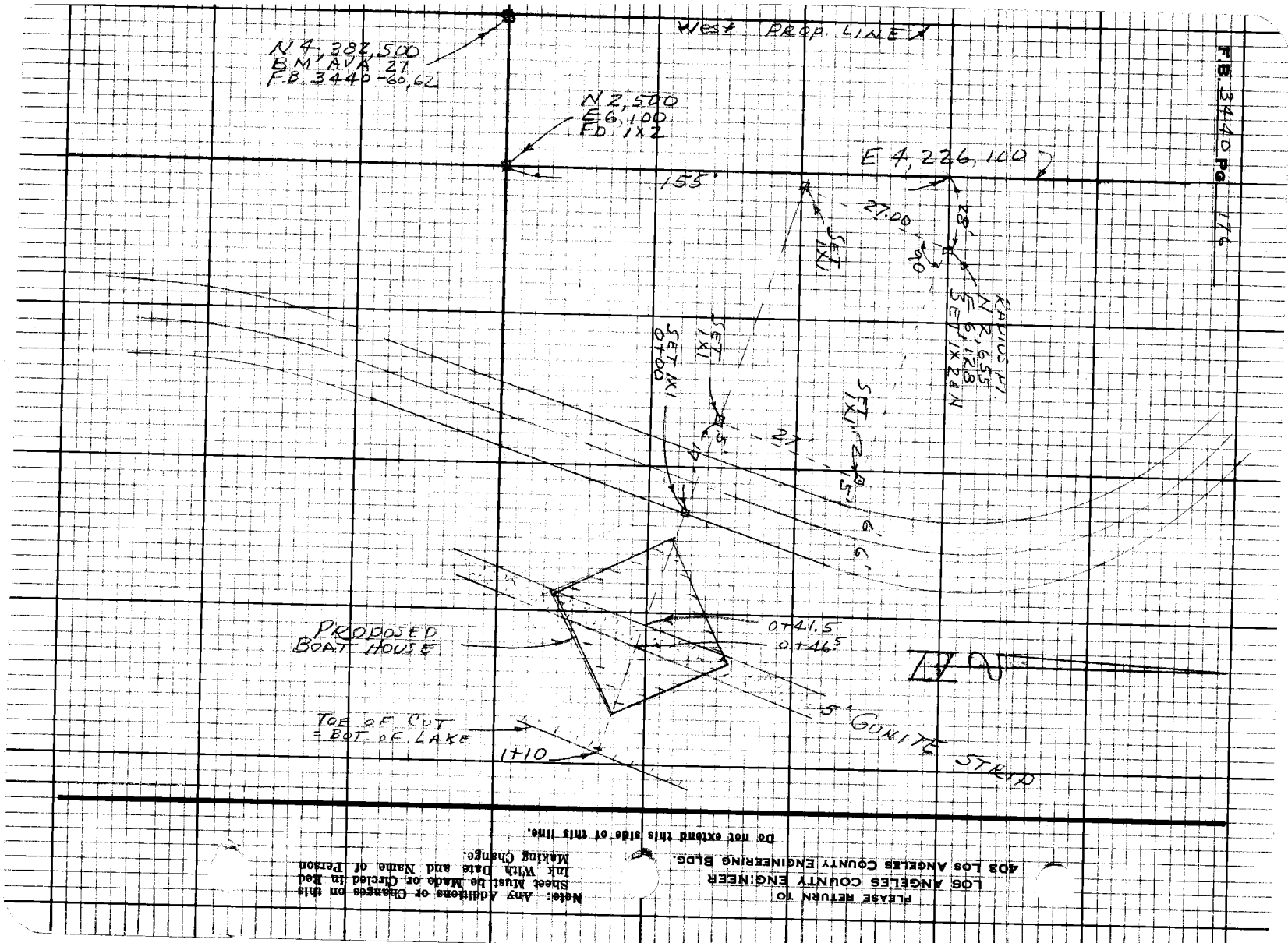
16F3098 CE #310 9-67



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F. B. 3490 PG. 77

Profile No. _____ Notes Red _____ Plotted _____ Job No. _____ Division No. _____
Date _____ Date _____ Survey of A.V. RECLAMATION FACILITY
X-Sec. No. _____ Notes Chk'd. _____ Checked _____ Survey by _____ Notes _____ Date _____
Date _____ Date _____ Map No. _____ Indexed _____ Date _____

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

J.N. 8924.17

A.V. RECLAMATION FACILITY

PROFILE ON

CENTER-LINE BOAT HOUSE FROM ROAD TO TOE OF CUT BANK

COATES
VAN NESS
ADAMS
BITTEL

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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F. B. 3440 PG. 178 | Job No. 8924.17 Division No. 11 Notes Red ____ Plotted ____ Profile
Survey of A. V. W. W. RES. PROJECT Date ____ Date ____ No. ____
Survey by JSC Notes JSC Notes Chk'd. ____ Checked ____ X-Sec.
Indexed ____ Date 1-26-71 Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.		
BMAVA 27				2329 32	BMAVA 27 Elev. 2329.32 W. Boundary @ N 4,382,500	FB. 3440-62 Top 1" Pipe
0+00				33.75	Top E. curb Elev. @	& Boat house
0+10				3304		
0+20				3255		
0+30				3148		
0+41.5				2972	Wedge gonite	
0+46.5				28.37	E. " "	
0+60				25.07		
0+70				2255		
0+80				2038		
0+90				1832		
1+00				1657		
1+10				1523	Toe of Cut bank	
				34.61	2333.75 Co. 86	Gr. To Top c/b @ opp Boat Ho.
				33.11	33.75 Fo. 64	
BMAVA 27				2329.33	BM AVA 27 Elev. 2329.32	

F. B. Pg.

Profile No. Notes Red Plotted Job No. 8924.07 Division No. 11
Date Date Survey of A.V. RECL PROJECT
X-Sec. No. Notes Chk'd. Checked Survey by Notes Date
Date Date Map No. Indexed Date

J.N. 8924.07

A.V. RECLAMATION FACILITY

GRADE ELEVATIONS
FOR
PARKING LOT

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.					
BMAVA 26					BMAVA 26 ELEV. 2329.352 FB 3440-62 West Boundary at N 4,382,000 Top 1" pipe				
NORTH LINE PARKING LOT					Sub. Gr.	C/F	GRADE Top PAV	C/F	GRADE Top cb
0+20	N.W. COR				2330.07		2330.75		2331.25
1+00				32.03	30.40	C1.63	31.08		31.58
2+00				32.57	30.82	C1.75	[illegible]		32.00
3+00				32.68	31.24	C1.44			32.42
3+20				32.50	2331.32	C1.18			32.50
4+00				32.80	31.13	C1.67			32.31
5+00				32.78	30.89	C1.89			32.07
5+30				32.88	30.82	C2.06			32.00
6+00				32.91	2331.21	C1.60			32.39
6+20	NE COR PARKING LOT			33.42	31.32	C2.10			32.50
"				32.98	"	C1.66			
	CENTER EAST SIDE								
0+60				31.76	2 ~~329.92~~ 30.42	C1.34 C1.84	2331.10		2331.60
	SOUTH LINE PARKING LOT								
0+00									
0+30	4 pt.			30.26	2329.52	C0.74	2330.20		2330.70
1+00				30.17	29.83	C0.34			
2+00				30.49	30.28	C0.21			
3+00				30.50	30.73	F0.23			
3+20				30.48	2330.82	F0.34	2331.50		2332.00

REVISED SEE PAGE 183, 184

F. B. 3440 PG. 180 Job No. 892407 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of A.V. W.W. Rec. Project Date ____ Date ____ No. ____
Survey by J.S. Coates Notes J.S.C. Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed ____ Date 1-26-71 Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of A.V. W.W. REC'L PROJECT
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. ____ Pg. ____

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE BOT. ROCK	C/F	GRADE TOP PAV.	C/F	GRADE TOP CURB	
4+00				3040	2330.12	C0.28				
5+00				3055	29.24	C1.31				
5+30				3048	2328.97	C1.51	2329.65		2330.15	
6+00				3056	29.39	C1.17				
6+20				3058	2329.52	C1.06	2330.20		2330.70	5
"				3067	2[illegible]	[illegible]				5' L
		WEST SIDE PARKING LOT								
0+00		GRADE B.C. @ N. Line		3110	30.07	C1.03	2330.75		2331.25	
0+58		B.C.		3045	2329.76	C0.69	2330.41		2330.94	
		CENTER-LINE PARKING LOT								
Lt. Std	in	W. Islands							2331.16	
1+00				3118	30.11	C1.07	2330.79			
2+00				3128	30.55	C0.73	31.28			
Lt. Std	in	W. of Ctr. Islands							2332.1	
"	"	E. " "							32.5	3'
4+00				3136	30.62	C0.74	31.30			
5+00				3138	30.06	C1.32	30.74			
5+30				3142	29.29	C1.52	2330.58			

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
SET BM AVA 36				2331.59	BM AVA 36 Elev. 2331.59 F.B. 3440-182 N.W. COR. PARKING. LOT ON CONC. CURB W. Side dwy. to Service Yard of SERVICE BLDG.	
SET BM AVA 37				2333.42	BM AVA 37 Elev. 2333.42 F.B. 3440-182 N.E. COR. PARKING LOT 25' N. & 15' E. B.S. in Conc. BASE OF Fire Hyd.	
FD BM AVA 2				2329.71	BM AVA 2 Elev 2329.696 F.B. 1865-47 AVE F-8 & 40th W. 40' N. ℄ INT. C.S. MON. Flush	

F. B. 3440 Pg. 182 Job No. 8924.07 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of A.V.W.W. Recl. Project Date ____ Date ____ No. ____
Survey by J.S. COATES Notes J.S.C. Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed ____ Date 1-26-71 Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.					
	PARKING LOT								
BMAVA 26					BMAVA 26 Elev. 2329.352 FB 3440-6				
	NORTH SIDE				SUB GRADE		TOP PAV GRADE		TOP CURB GRADE
0+20				31 10	2330.32	C0.78	2331.00		2331.50
1+00				32 03	30.72	C1.31			-
2+00				32 57	31.22	C1.35			
3+00				32 68	31.72	C0.96			
3+20				32 50	2331.82	C0.68	2332.50		2333.00
4+00				32 80	"	C0.98			
5+00				32 78	"	C0.96			
5+30				32 88	2331.82	C1.06	2332.50		2333.00
6+00				32 81	"	C0.99			
6+20	NE COR. PARKING LOT			33 42	2331.82	C1.60	2332.50		2333.00
"				32 98	"	C1.16			
	CENTER EAST SIDE								
0+60				31.76	31.07	C0.69	31.75		2332.25
	SO. SIDE PARKING LOT								
0+00									
0+30				30 26	2329.52	C0.74	2330.20		2330.70
0+38	DRAIN			30 34	29.17	C1.17	29.85		30.35
1+00				30 17	29.54	C0.63			

Profile Notes Red ____ Plotted ____ Job No. [illegible] Division No. 11
No. ____ Date ____ Date ____ Survey of A.V. RECLAM PROJECT
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	SUB GRADE	C/F	TOP PAV GRADE	C/F	TOP CB GRADE	C/F
2+00				2330 49	30.14	C0.35				
3+00				30 50	30.74	F0.24				
3+20				30 48	2330.82	F0.34	2331.50		2332.00	
4+00				30 40	30.44	F0.04				
5+00				3055	29.96	C0.59				
5+30				3048	2329.82	C0.66	2330.50		2331.00	
6+00				3056	3021	C0.35				
6+20	S.E. Cor. Parking Lot			3058	2330.32	C0.26	2331.00		2331.50	
"	"			3067	"	C0.35				
	W. Side Parking Lot									
0+00				31.10	2330.32	C0.78	2331.00		2331.50	
0+58	B.C. of 20'R Curve			30 45	29.76	C0.69	30 44		30.94	
	CENTER-LINE LOT									
Lt Std	W. Island						30.59		31.09	
1+00				3118	2330.18	C1.0	2330.86			
2+00				3128	30.71	C0.57	31.39			
Lt. Std	m. W. of ctr. Islands						31.92		2332.42	
" "	E " "						31.85		32.35	31.[illegible]
4+00				3136	31.13	C0.23	31.81			
5+00				3138	30.89	C0.49	31.57			
5+30				3142	30.82	C0.60	31.50			

F. B. 3440 Pg. 184
Job No. 8924.07 Division No. 11 Notes Red Plotted Profile
Survey of A.V. W.W. Rec. Project Date Date No.
Survey by J.S. Coates Notes J.S.C. Notes Chk'd. Checked X-Sec.
Indexed Date 1-26-71 Date Date No.

76-L-298 CE 307 5-66

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Profile Notes Red ____ Plotted ____ Job No. 2944.07 Division No. 11
No. ____ Date ____ Date ____ Survey of AV WW KEOS PROJECT
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. ____ Pg. ____

STATION	B. S.	H. I.	F. S.	ELEV.			
	GRADE	ELEVATIONS		ALONG SERVICE RD	OPPOSITE	PARKING LOT	
BMAVA 37				2333 42			
opposite NE Cor.				3395	33.75	C0.20	
				3361	33.53	C0.02	C0.09
				3291	2333.50	F0.59	F0.39
				3296	33.56	F0.60	F0.45
				3326	33.62	F0.36	F0.26
				3326	33.63	F0.43	F0.37
				3366	33.75	F0.09	

F. B. 3440 Pg. 86 Job No. 824.07 Division No. 11 Notes Red ____ Plotted ____ Profile

Survey of A.V.W.W. REC. PROJECT Date ____ Date ____ No. ____

Survey by J.S. COATES Notes J.S.C. Notes Chk'd. ____ Checked ____ X-Sec.

Indexed ____ Date 1-28-71 Date ____ Date ____ No. ____

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

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STATION	B. S.	H. I.	F. S.	ELEV.	Top Ch Grade			
	SOUTH SIDE PARKING LOT							
0+00	40+76 on Service Rd.				2330.70			
B.C.	10' Rad pt.			3035	"	F0.35		
E.C.	" "			3025	"	F0.45		
0+30	℄ pt.			3030	"	F0.40		5' SW
"				3026	"	F0.44		5' S
0+38				3034	30.60	F0.26	Top apron 2330.20	Elev. 2329.62 F0.58
0+60				3046	30.71	F0.25		
1+00				30.17	30.91	F0.74		
+50				30.72	31.16	F0.44		
2+00				3049	31.41	F0.92		
+50				30.89	31.66	F0.77		
3+00				3050	31.90	F1.40		
3+20				3048	2332.00	F1.52		
3+50				3117	31.86	F0.69		
3+80				30.95	31.72	F0.77		
4+00				3040	31.62	F1.22		
4+50				31.19	31.38	F0.19		
5+00				3055	31.14	F0.59		
5+20				3048	2331.00	F0.52	Top apron 2330.60	Elev. 2330.36 F0.24
5+60				3078	31.17	F0.39		

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2924 Division No. 11
Date ____ Date ____ Survey of A.V. W.W. Recl. PROJECT
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by L. Scott Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. ____ PG. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	Top Ch. Grade	C/F		
5+00				2330 56	31.39	F0.83		
6+20	S			3058	2331.50	F0.92		
	West Side							
0+00 =				31 10	2331.50	F0.40		
0+24				30.70	31.22	F0.52		
0+58	B.C. 20' Rad.			30 45	30.94	F0.49		
"	E.C. "							
BMAVA 37				33.43	BMAVA	37 Elev. 2333.42	FB 3440-182	
PARKING AREA AT PUMP HOUSE								
T.P.M.				2338.35			TBM top Conc. apron @ E. Side pump Ho.	
				3705	2337.65	F0.60	5' E of S.E. Cor	
				3768	37.65	F0.03	5' E @ B.C	
				3720	37,00	C0.20	5' S. @ E.C.	
				3767	38.00	F0.33	5' N @ N.W. Cor	

F. B. 3440 PG. 188

Job No. 8924.07 Division No. 11 Notes Red Plotted Profile

Survey of A.V.W.W. Rec'l. PROJECT Date Date No.

Survey by J.S. COATES Notes J.S.C. Notes Chk'd. Checked X-Sec.

Indexed Date 1-27-71 Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	Top Cb. Grade			
		PARKING LOT GRADE						
BM AVA. 36		NORTH SIDE						BM AVA 36 Elev. 233[illegible] FB. 3440-182
0+20				233110	2331.50	F0.40		
0+32				121	31.56	F0.35		
"				053	"	F0.03		
BC 10' R	To Island			058	31.43	F0.85		
EC " R	" "	=5' Rad pt.		059	31.37	F0.78		
∡ pt.				058	31.62	F1.04		5' S.W
"				068	"	F0.94		5' N.W
0+48.93	∡ pt			115	31.65	F0.50		
"				147	"	F0.18		
0+60				171	31.70	C0.01		
1+00				3203	31.90	C0.13		
1+50				3222	32.15	C0.07		
2+00				3257	32.70	C0.17		
2+50				3299	32.65	C0.34		
2+35.12				3295	2332.83	C0.12		
"				3244	"	F0.39		
B.C. 5' Rad. pt.	Island	W. side		3165	32.75	F1.10		
					"			
B.C. = 5' Rad pt.		E. side		3171	32.85	F1.14		

Profile Notes Red ____ Plotted ____ Job No. K124.01 Division No. 4
No. ____ Date ____ Date ____ Survey of AV W.W. Rech. PROJECT
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. ____ PG. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	TOP OD GRADE	C/F		
∡ pt				3167	2332.97	F1.30		S.W
"				3180	"	F1.17		N.W
3+44.63				3289	2333.00	F0.11		
"				3274	"	F0.26		
3+50					2333.00			
3+80				3314	"	C0.14		
4+00				2332 80		F0.20		
4+50				3316	"	C0.16		
5+00				3278	"	F0.22		
5+30				3288	"	F0.12		
5+60				3274	"	F0.26		
6+00				3281	"	F0.19		
6+20				3342	"	C0.42		
" [illegible]	Along E. Side			3298	"	F0.02		
6+30				3220	32.62	F0.42		
6+60				3176	2332.25	F0.49		
6+90				3150	31.87	F0.37		
7+00				3067	31.50	F0.83		
BMAVA 37					BMAVA 37	Elev. 2333.42		FB 3440-182

F. B. 3440 PG. 190
Job No. 8924.07 Division No. 11 Notes Red Plotted Profile
Survey of A.V. W.W. RECL PROJECT Date Date No.
Survey by J.S. COATES Notes J.S.C. Notes Chk'd. Checked X-Sec.
Indexed Date 1-27-71 Date Date No.

8924.18

F. B. Pg.

Profile No. Notes Red Plotted Job No. Division No.
Date Date Survey of A.V. RECLAMATION FACILITY
X-Sec. No. Notes Chk'd. Date Checked Date Survey by Notes Date
Map No. Indexed [redacted] Date [redacted] 24

J.N. 8924.18

ANTELOPE VALLEY RECLAMATION FACILITY

GENERAL DEVELOPMENT PHASE III

Profile & X-sec. of existing Ground. for proposed facilities.

COATES
VAN NESS
ADAMS
BITTEL

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

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
BMAVA 34				2326.07	BMAVA 34 Elev. 2326.07	FB. 3440-63
TP				33.89		
"A" LINE E 4,227,650.00						
N 2,000				34.2		℄
(N4,382,000)				34.2	25'	
"				34.00	50'	
"				33.50	75'	
N2,025				34.8		℄
				34.4	25'	
				33.2	50'	
				32.6	75'	
N2,050				34.7		℄
"				33.5	25'	
"				32.6	50'	
"				31.5	75'	
N2,200				33.50		℄
N2,225				33.40		℄
"				33.8		25'
"				33.9		50'
"				33.9		75'
N2,250				2333.7		℄

F. B. 3440 Pg. 192 Job No. 892418 Division No. Notes Red Plotted Profile
Survey of A.V. Recl. Fac Date Date No.
Survey by Notes Notes Chk'd. Checked X-Sec.
Indexed GALL Date Date No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
N 2,500				2334.5		75'
"				33.9	25'	
N 2,525				34.5	℄	
"				34.9		25'
"				34.8		50
"				34.6		75
N 2,575				35.8	℄	
"				35.8		25'
"				35.0		50'
"				34.0		75
N 2,600				36.3	℄	
"				35.9		25'
"				35.3		50
"				34.4		75'
"				35.7	25'	
N 2,625				36.3	℄	
"				35.7		25'
"				35.1		50'
"				34.1		75'
"				2335.8	25'	
BMAVA 32				2326.63	BMAVA 32 Elev. 2326.63 FB 3440-63	
				33.84		

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____
Date ____ Date ____ Survey of A.V. Rec'd. ____
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

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

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
N 3,075				2631.65		℄
"				32.3		25'
"				33.2		50'
"				33.6		68'
N 3,100				32.2		℄
				33.0		25'
				33.5		50'
				33.5		60'
N 3,125				33.0		℄
"				33.2		25
"				33.6		50'
"				—		75'
N 3,175				34.5		℄
"				34.1	25'	
"				33.2	50'	
N 3,200				36.3		℄
"				36.6	25'	
"				35.5	50'	
N 3,225				37.5		℄
"				37.8	25	
"				336.8	50'	

F. B. 3440 PG. 194

Job No. 8924.18 Division No. Notes Red Plotted Profile

Survey of A.V. Recl. FAC Date Date No.

Survey by JSC Notes JSC Notes Chk'd. Checked X-Sec.

Indexed G. L. GAUL Date Date No.

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Profile No. _____ Notes Red _____ Plotted _____ Job No. _____ Division No. _____
X-Sec. No. _____ Date _____ Date _____ Survey of _____
Notes Chk'd. _____ Checked _____ Survey by _____ Notes _____
No. _____ Date _____ Date _____ Map No. _____ Indexed _____ Date _____ Date _____

F. B. _____ Pg. _____

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
N 3,225				2335.6	75'	
				34.9	100'	
				34.7	125'	
				34.3	150'	
N 3,2[illegible]				37.3	℄	
				35.6	75'	
				35.2	100'	
				35.4	125'	
				35.3	150'	
N 3,[illegible]75				35.8	℄	
				35.5	75'	
				35.6	100'	
				35.4	125'	
"B" LINE E 4,227,000						
N 3,000				35.9	℄	
				35.7		25'
				35.1		50'
				33.8		75'
				31.9		100'
N 3[illegible]025				36.6	℄	
				2336.3		25'

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F. B. 3440 Pg. 136 | Job No. 8724.18 | Division No. | Notes Red | Plotted | Profile
Survey of A.V. Recl. Eac | Date | Date | No.
Survey by J.S.C. | Notes J.S.C. | Notes Chk'd. | Checked | X-Sec.
Indexed C. L. GALLI | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
N 3,025				2335.3		50'
"				34.6		75'
"				33.0		100'
N 3,050				36.1	℄	
"				36.3		25'
"				35.7		50'
"				34.7		75'
"				33.8		100'
N 3,075				35.7	℄	
"				36.0		25'
"				35.4		50'
"				34.6		75'
N 3,100				35.2	℄	
"				35.4		25'
"				35.3		50'
"				34.6		75'
"				34.8	25'	
"				34.2	50'	
N 3,125				34.7	℄	
"				35.2		25'
"				2335.1		50'

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
N 3,125				2334.9		75'
"				34.5		100'
"				34.3	25'	
"				33.5	50'	
N 3,150				34.9	℄	
"				35.9		25'
"				36.4		50'
"				36.2		75'
"				34.3	25'	
"				33.6	50'	
N 3,175				35.0	℄	
"				36.0		25'
"				36.6		50'
"				37.1		75'
"				33.6	25'	
N 3,200				33.4	℄	
"				35.0		25'
"				35.3		50'
"				35.4		75'
				2331.5	25'	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of A. V. Rec. Etc.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes
No. ____ Date ____ Date ____ Map No. ____ Indexed [redacted] Date [redacted]

F. B. ____ Pg. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
B.M. AVA 27				2329.32	B.M. AVA 27 EL-2329.32	F.B. 3440-62
					W. BDRY. & N, 4,382,500	TOP 1" I.P.
SET T.B.M.				2334.42	T.B.M. EL.: 2334.42 F.B. 3440 - BT SPK IN CONC. BASE FIRE HYD.	W. SIDEPARK N2,525 E6,200
"C"	LINE	4,226,100.00				
N 2,150				34.4		℄
"				33.8		125'
"				33.6		150'
N 2,175				34.7		℄
"				33.4		125'
"				33.0		150'
N 2,200				35.2		℄
"				33.6		100'
"				33.1		125'
"				32.2		150'
"				31.0		175'
N 2,225				35.5		℄
"				32.7		125'
"				31.6		150'
"				35.5	25'	
"				35.1	50'	
"				2334.2	75'	

F. B. 3440 Pg. 198
Job No. 8924.18
Division No.
Notes Red
Plotted
Profile
Survey of A.V. RECL. FAC.
Date
Date
No.
Survey by JSC
Notes JSC
Notes Chk'd.
Checked
X-Sec.
Indexed C. L. GALLI
Date
Date
No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
N 2,250				2335.7		℄
"				36.1	25'	
"				35.7	50'	
"				34.8	75'	
N 2,275				35.9		℄
"				36.3	25'	
"				36.3	50'	
"				35.6	75'	
N 2,300				35.9		℄
"				33.5		75'
"				32.5		100'
"				31.1		125'
"				36.4	25'	
"				36.5	50'	
"				35.6	75'	
N 2,325				35.6		℄
"				33.4		75
"				32.1		100'
"				30.6		125'
"				36.2	25'	
				2335.8	50'	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of A. V. RECL. FAC.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F. B. ____ PG. ____

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
N 2,325				2335.3	75'	
N 2,350				35.2		℄
"				33.1		75'
"				31.6		100'
"				35.4	25'	
"				35.1	50'	
N 2,400				34.2		℄
"				33.8		50'
"				32.8		75'
"				31.5		100'
N 2425				33.7		℄
"				33.9		50'
"				32.9		75'
"				31.8		100'
N 2,550				34.6		℄
"				36.2		50'
"				35.6		75'
N 2,575				34.8		℄
"				35.6		25'
"				36.5		50'
"				2336.2		75'

F. B. 3440 PG. 200 Job No. 8924.18 Division No. Notes Red Plotted Profile
Survey of A.V. Rech. FAC Date Date No.
Survey by JSC Notes JSC Notes Chk'd. Checked X-Sec.
Indexed G. L. GARN Date Date No.

76-L-298 CE 307 5-66

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Profile No.____ Notes Red____ Plotted____ Job No.____ Division No.____
X-Sec. No.____ Date____ Date____ Survey of A. V. Rec'l Fac
Notes Chk'd.____ Checked____ Survey by____ Notes____
Date____ Date____ Map No.____ Indexed [redacted] Date [redacted]

F. B. ____ Pg. ____

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
N 2,575				2335.6		100'
N 2,600				35.0	℄	
				35.8		75'
"				36.8		50'
"				36.5		75'
"				36.0		100'
N 2,625				35.3	℄	
				36.1		25'
"				36.8		50'
"				36.4		75'
"				36.1		100
N 2,725				35.8	℄	
"				34.4		25'
"				33.2		50'
				31.8	75'	
N 2,750				35.8	℄	
				34.6		25'
				33.1		50'
				31.7		75'
				2331.1	100'	

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
N 2775				2335.9	℄	
"				34.5	25'	
"				33.0	50'	
"				31.7	75'	
"				31.1	100'	
"				30.9	125'	
N 2,800				36.0	℄	
"				34.5	25'	
"				33.0	50'	
"				31.6	75'	
"				31.1	100'	
"				31.0	125'	
N 2,825				36.1	℄	
"				34.6	25'	
"				33.4	50'	
"				31.7	75'	
N 2,850				36.2	℄	
"				34.6	25'	
"				33.2	50'	

F. B. 3440 PG 202 Job No. 892418 Division No. Notes Red Plotted Profile
Survey of A.V. RECL. FAC. Date Date No.
Survey by J.S.C. Notes J.S.C. Notes Chk'd. Checked X-Sec.
Indexed G. J. GALLI Date Date No.

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
N2,250				2334.4		25'
"				34.3		50'
"				34.2		75'
N2,275				34.5		℄
				35.2		25'
				35.1		50'
				34.5		75'
N2,300				35.3		℄
"				35.8		25'
"				35.5		50'
"				34.6		75'
"				33.9	25'	
N2,325				35.8		℄
"				36.2		25'
"				35.8		50'
"				34.8		75'
"				34.[illegible]	25'	
N2,350				35.8		℄
"				36.4		25'
"				35.5		50'
"				2334.7		75'

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of A. V. [illegible]
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F. B. ____ PG. ____

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F. B. 3440 Pg. 204 | Job No. | Division No. | Notes Red | Plotted | Profile
Survey of | Date | Date | No.
Survey by C. A. GALLI | Notes | Notes Chk'd. | Checked | X-Sec.
Indexed | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
N 2,350				2334.5	25'	
N 2,375				35.8	℄	
"				35.9		25'
"				35.5		50'
"				34.8		75'
N 2,400				34.4	℄	
"				35.4		25'
"				35.2		50'
"				34.8		75'
N 2,425				34.9	℄	
"				34.8		25'
"				34.6		50'
"				34.6		75'
N 2,475				34.4	℄	
"				34.6		25'
"				34.7		50'
"				34.5		75'
"				34.1	25'	
N 2,500				34.3	℄	
"				34.6		25'
"				2334.5		50'

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
BMAVA 2				2329.70	BMAVA 2 Elev. 2329.696 F.B. 1865.47 40'N of E¼ Cor. Sec. 36 T8N R.R. 13W 40th ST. W. & AVE. F-8 Top C.E. Mo.	
	Approx. = 4,226,600				— 20' E. of E. end Parking Lot	
0+00 =	20' E. on prod of				N. side parking lot	
0+50	going North 90° to Parking lot			33.5		℄
"				33.5	25'	
"				33.2	50'	
0+75				32.9		℄
"				32.5	25'	
"				331.5	50'	
"				30.1	75'	
1+00				32.5		℄
"				29.8	25'	
2+25				31.5		℄
"				31.5		25'
"				31.1		50
"				30.6	25'	
2+50				31.8		℄
"				31.9		25
"				31.8		50'
"				2331.2	25'	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of A.V. RECL. FAC
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F. B. ____ PG. ____

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F. B. 3440 Pg. 206 | Job No. 8724.18 Division No. | Notes Red Date | Plotted Date | Profile No. | X-Sec. No.
Survey of A.V. REL. FAC. | Notes Chk'd. Date | Checked Date
Survey by JSC Notes JSC
Indexed G. H. CACLI Date

STATION	B. S.	H. I.	F. S.	ELEV.		
2+75				2332.6		℄
"				32.9		25'
"				32.6		50'
"				31.4	25'	
BMAVA 37				2333.42	BM AVA 37 Elev. 2333.42 NE Cor. PARKING LOT B.S. in Conc. Base of	FB. 3440-182 25' N. & 15' E Fire Hyd.

F. B. 3440 PG. 57

Profile No. _____ Notes Red _____ Plotted _____ Job No. 8924.01 Division No. _____
Date _____ Date _____ Survey of A.V. RECLAMATION FACILITY
X-Sec. No. _____ Notes Chk'd. _____ Checked _____ Survey by _____ Notes _____ Date _____
Date _____ Date _____ Map No. _____ Indexed _____ Date _____

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

J.N. 8924.01

ANTELOPE VALLEY

RECLAMATION FACILITY

ELEVATIONS

FOR

SUB GRADE

OF

PARKING LOT

OATES
VAN NESS
ADAMS
BITTEL

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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F. B. 3440 Pg. 208 | Job No. 8924.07 | Division No. | Notes Red | Date | Plotted | Profile
Survey of AV RECLAMATION FACILITY | Date | Notes Chk'd. | Date | Checked | No. | X-Sec. | No.
Survey by JSC Notes JSC | Date | Date
Indexed

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	SUB-GRADE			
BM AVA 26				2329 35				BM AVA 26 Elev. 2329.352 FB 3440-62 W. Bdy @ N. 4,382,000 Top 1" Pipe
LINE A 0+50					2330.15			
0+75					30.28			
1+00					30.40			
1+25					30.53			
1+50					30.65			
1+75					30.78			
2+00					30.90			
2+25					31.03			
2+50					31.15			
2+75					31.28			
3+00					31.48			
3+25					31.50			
3+50					31.46			
3+75					31.43			
4+00					31.40			
4+25					31.37			
4+50					31.34			
4+75					31.31			
5+00					31.28			

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	SUB-GRADE			
LINE A 5+30					2331.25			
5+50					31.28			
5+75					31.32			
6+00					31.35			
LINE B 0+35					2329.60			
0+50					29.84			
0+75					30.03			
1+00					30.15			
1+25					30.28			
1+50					30.40			
1+75					30.53			
2+00					30.65			
2+25					30.78			
2+50					30.90			
2+75					31.03			
3+00					31.20			
3+25					31.24			
3+50					31.18			
3+75					31.12			
4+00					31.06			
4+25					31.00			

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8724.07 Division No. ____ F. B. 3440 Pg. [illegible]
Date ____ Date ____ Survey of AV RECLAMATION FACILITY
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	SUB-GRADE	TOP ROCK GR		
LINE B 4+50					2330.94			
4+75					30.88			
5+00					30.82			
5+30					30.75			
5+50					30.81			
5+75					30.88			
6+00					30.95			
LINE C 0+00							30.25	
0+25					29.40	29.90	30.15	
0+50					29.60	30.10		
0+75					29.82	30.32		
1+00					29.94	30.44		
1+25					30.07			
1+50					30.19			
1+75					30.32			
2+00					30.44			
2+25					30.57			
2+50					30.69			
2+75					30.82			
3+00					30.93			
3+25					30.99			
3+50					30.93			

F. B. 3440 PG. 210 Job No. 8924.07 Division No. Notes Red Plotted Profile
Survey of A.V. RECLAMATION FACILITY Date Date No.
Survey by J.S.C. Notes J.S.C. Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

76-L-298 CE 307 5-66

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Profile No.____ Notes Rel.____ Plotted____ Job No.____ Division No.____
X-Sec. No.____ Date____ Date____ Survey of A.V. REC. LAMATION FACILITY
Notes Chk'd.____ Checked____ Survey by [illegible] Notes [illegible]
Date____ Date____ Map No.____ Indexed____ Date____ Date [illegible]

F. B. [illegible] PG. 211

STATION	B. S.	H. I.	F. S.	ELEV.	SUB-GRADE	
LINE C						
3+75					2330.84	
4+00					30.75	
4+25					30.66	
4+50					30.57	
4+75					30.48	
5+00					30.39	
5+30					30.29	
5+50					30.37	
5+75					30.48	
6+00					30.58	
BMAVA 37					BMAVA Elev. 2333.42	FB 3440 - 82
					N.E. COR PARKING LOT 25'N & 15'	
					B.S. in Conc. base of Fire Hyd.	

F. B. 3440 Pg. 212 | Job No. 892407 Division No. Notes Red Plotted Profile

Survey of A.V. RECLAMATION FACILITY Date Date No.

Survey by JSC Notes JSC Notes Chk'd. Checked X-Sec.

Indexed Date Date Date No.

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

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76-L-298 CE 307 5-66

Notes Ck'd by	Survey of A.V. W.W. Rec. Project
Map No.	JN 8924.07 Tape Std °F
Office Work	Surveyed by J.S. Coates
Checked	Notes Date 3-[illegible]
Date	Indexed

F. B. 3440 PG. 213

J. N. 8924.07

A. V. RECLAMATION FACILITY

CONSTRUCTION STAKES FOR PARKING LOT ISLANDS

COATES
VAN NESS
ADAMS
BITTEL

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76F309S CE#310 3-68

F. B. 344 PG. 214

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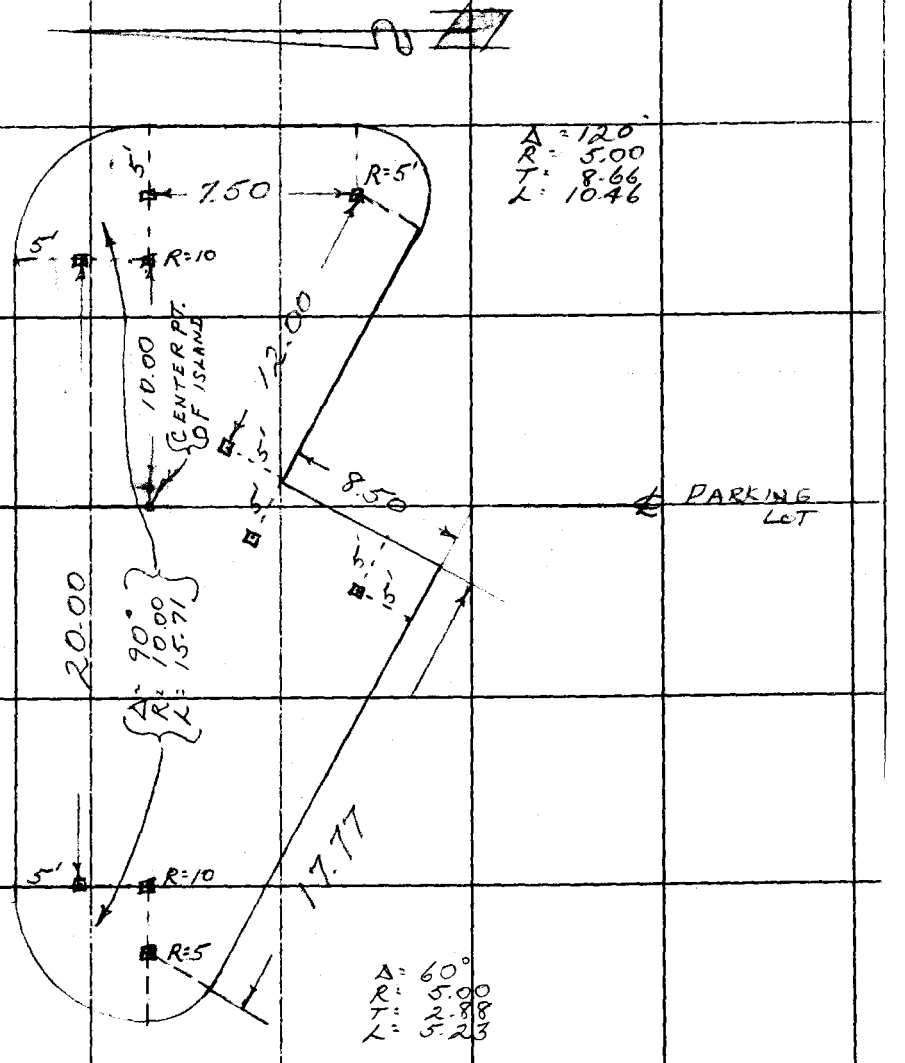
Notes Ck'd by	Survey of AV.W.W. REV. PROJ.
Map No.	JNO. Tape Std °F
Office Work	Surveyed by J.S. COATES
Checked	Notes Date
Date	Indexed

F. B. 3440 PG. 215



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76F309S CE#310 3-68

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F. B. 3410 PG. 216

Notes Ck'd by	Survey of AV WATER RECL PROJECT
Map No.	JN 8924.17 Tape 19 Std 84 °F
Office Work	Surveyed by T S COATES
Checked	Notes J.S.C. Date 2-23-71
Date	Indexed

F.B. 3440 Pg. 217

J.N. 8924.17

ANTELOPE VALLEY WASTE WATER RECLAMATION PROJECT

ESTABLISHMENT OF COORDINATE POINTS ON SITE

COATES
VAN NESS
ADAMS
BITTEL

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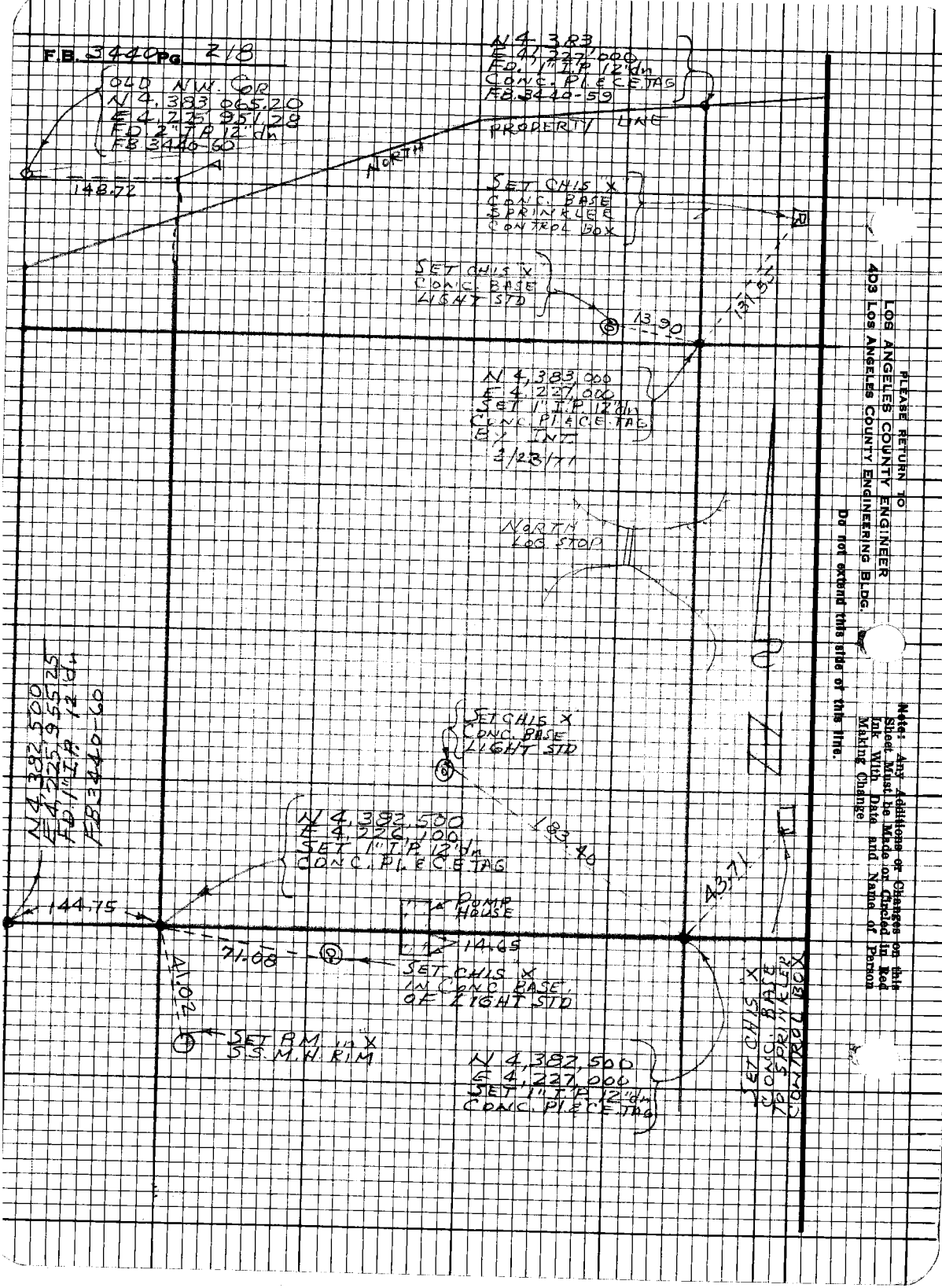
76F3098 CE #310 9-67


F.B. 3440 Pg 218
040 N.W. COR
N 4,383,065.20
E 4,225,951.28
ED 2" TP 12 dm
FB 3440-60
148.72
NORTH
N 4,383,
E 4,227,000
ED. 1" T.P. 12 dm
CONC. PLECE TAG
FB 3440-59
PROPERTY LINE
SET CHLS X
CONC. BASE
SPRINKLER
CONTROL BOX
SET CHLS X
CONC. BASE
LIGHT STD
13.90
N 4,383,000
E 4,227,000
SET 1" T.P. 12 dm
CONC. PLECE TAG
C/ INT.
3/23/71
NORTH
LOG STOP
N 4,382,500
E 4,225,951.25
ED 1" T.P. 12 dm
FB 3440-70
144.75
SET CHLS X
CONC. BASE
LIGHT STD
N 4,382,500
E 4,226,100
SET 1" T.P. 12 dm
CONC. PLECE TAG
PUMP HOUSE
14.65
71.08
SET CHLS X
IN CONC. BASE
OF LIGHT STD
41.02
SET RM. in X
SS M.H. RIM
N 4,382,500
E 4,227,000
SET 1" T.P. 12 dm
CONC. PLECE TAG
SET CHLS X
CONC. BASE
SPRINKLER
CONTROL BOX
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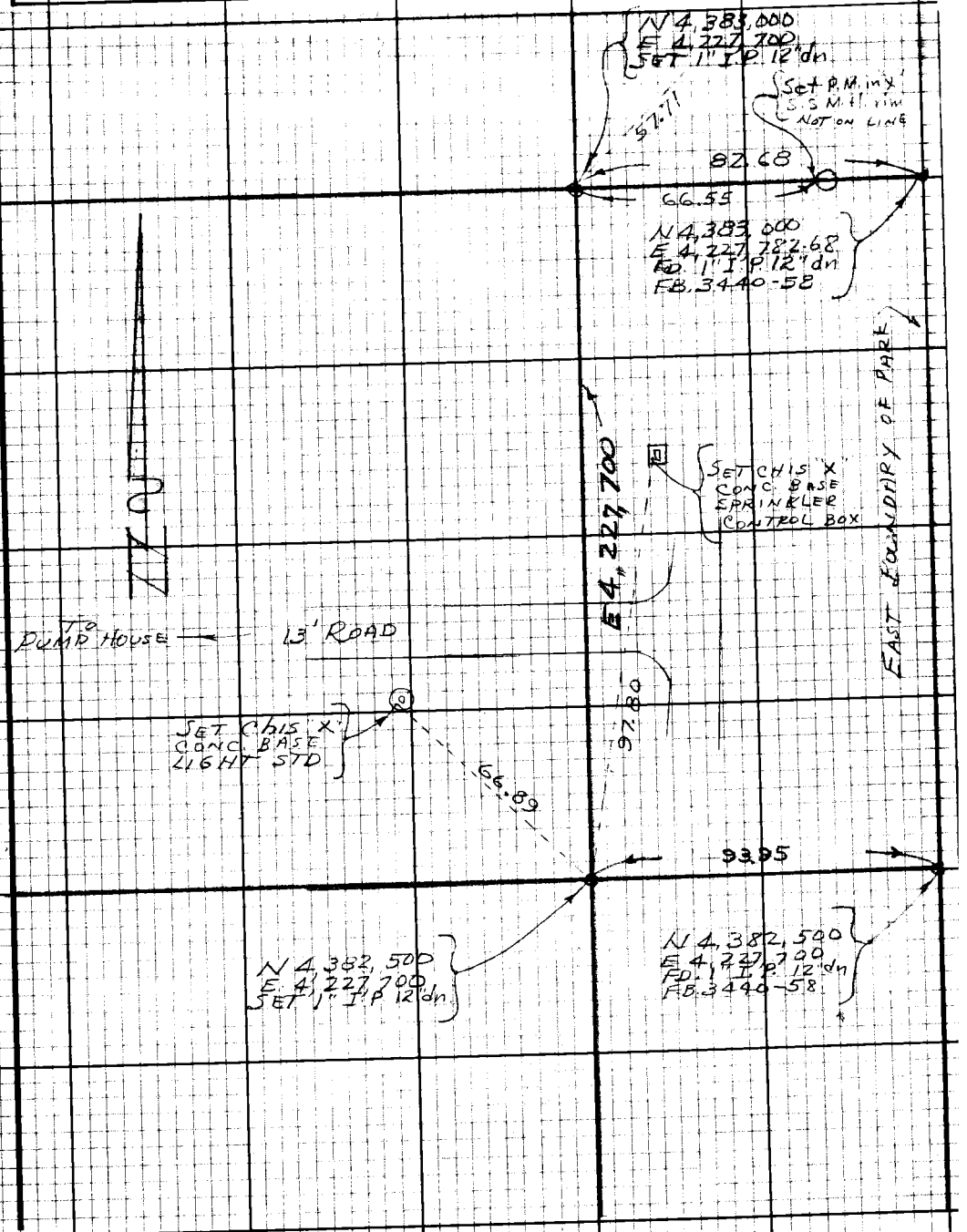
Making Change

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

Survey of A.V. [illegible]
JN 8724-18 Tape 10 Std 4 °F
Surveyed by
Notes Date
Indexed

F.B. 3440 Pg. 219

SET CHIS X CONC. BASE



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76F3098 CE#310 9-67

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F.B. 3470 Pg 220

Notes Ck'd by	Survey of
Map No.	JN 8924.07 Tape 10 Std. [illegible] F.
Office Work	Surveyed by
Checked	Notes USC Date 7-29-71
Date	Indexed

F. B. PG.

J.N 8924.07
ANTELOPE VALLEY
RECLAMATION FACILITY
CONSTRUCTION STAKES FOR BOAT & FISHING PIERS

COATES
ADAMS
CROWE

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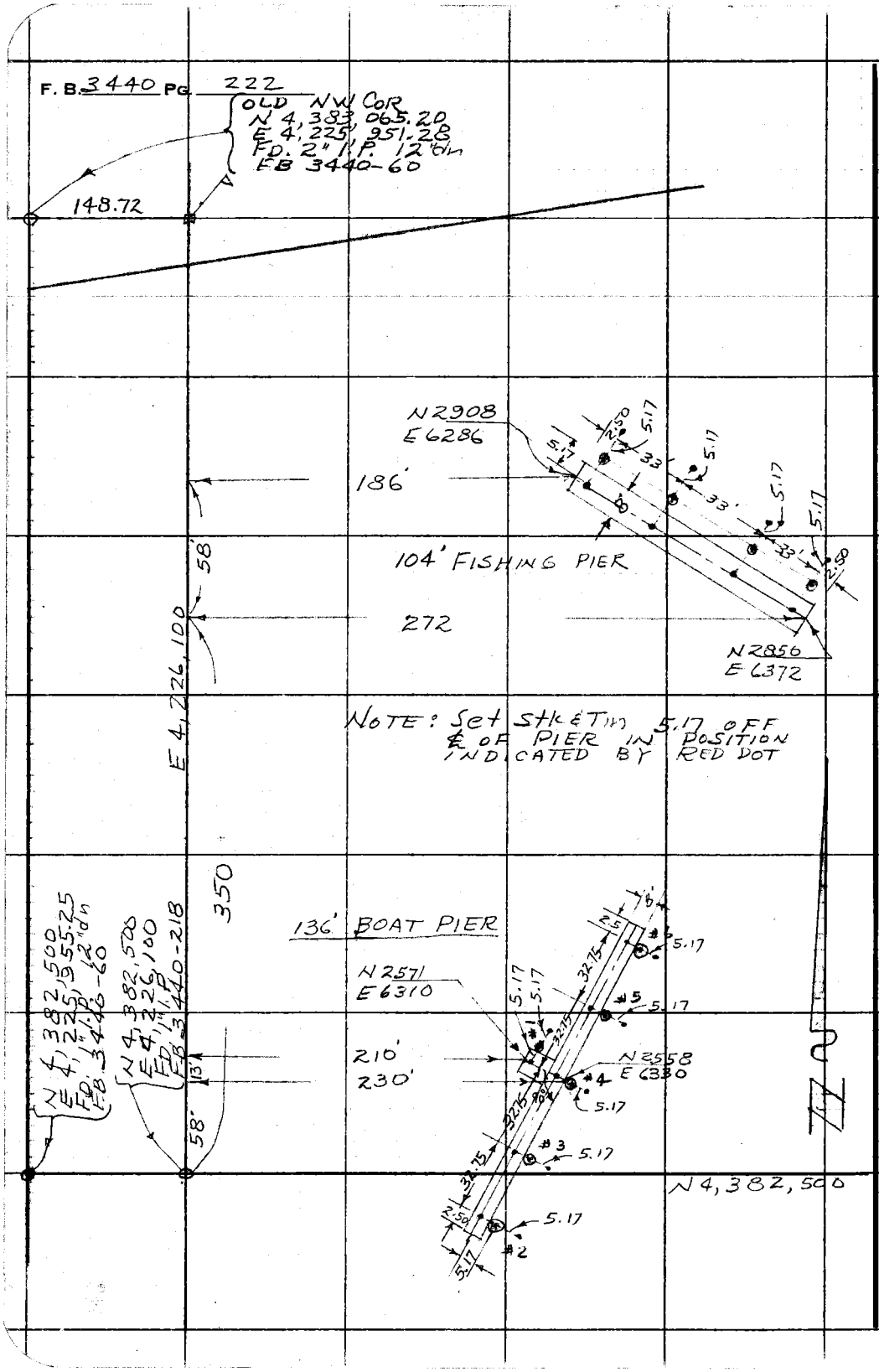
76F309s CE#310 3-65



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STATION	B. S.	H. I.	F. S.	ELEV.		
						J.N. 8924 07 ANTELOPE VALLEY RECLAMATION FACILITY

Profile Notes Red____ Plotted____ Job No.____ Division No.____ F. B.____ Pg.____
No.____ Date____ Date____ Survey of ANTELOPE RECLAMATION FACILITY
X-Sec. Notes Chk'd____ Checked____ Survey by____ Notes____ Date____
No.____ Date____ Date____ Map No.____ Indexed____ Date____

76-L-298 CE 307 5-66

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F. B. 3440 Pg. 224
Survey of A.V.R. Reclamation Job No. 8924.07 Division No. Facility Notes Red Plotted Profile No.
Survey by USC Notes USC Date Notes Chk'd. Date X-Sec. No.
Indexed Date Date

STATION	B. S.	H. I.	F. S.	ELEV.			
TBM				2334.42	TBM El. 2334.42 FB. 3440-198 W. side park near N 2,525 E 6200 Bt Spk in conc. base of Fire Hyd.		
BOAT PIER PILES					SR. Top Pile	C/F	
Pile # 1				2326.25	2332.50	F 6.25	Set Stk & Tin 5.17 NW'ly of ℄ pile
" 2				22.12	"	F 10.38	"
" 3				21.96	"	F 10.54	"
" 4				21.76	"	F 10.74	"
" 5				21.08	"	F 11.42	"
" 6				20.01	"	F 12.49	"
FISHIN PIER PILES							
Pile # 1				2323.85	2332.50	F 8.65	Set Stk & Tin 5.17 N.E.ly of ℄ pile
2				17.18	"	F 15.32	
3				16.16	"	F 16.34	
4				16.05	"	F 16.45	
BMAVA 27				2329.32	BMAVA 27 El 2329.32 FB 3440-62		

F.B. 3440 PG. 225

Profile No.	Notes Red	Plotted	Job No. 8924.18	Division No.
	Date	Date	Survey of Apollo PK	
X-Sec. No.	Notes Chkd.	Checked	Survey by [illegible]	Notes [illegible] Date 17 71
	Date	Date	Map No.	Indexed Date

APOLLO PARK (PICNIC SHELTER PRELIM.)

JN 8924.18

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

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

3.03

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STATION	B.S.	H.I.	F.S.	ELEV.	GRADE	C/F		
BMAVA 37				2333.42				
#1 SHT. 7								
S.E. COR. EAST				33.00	2332.00	C1.00		
AMPHI.								
S.E. COR SOUTH				31.46	2330.50	CO.96		
T.P.				33.10				
T.P.				33.09				
#2 SHT. 5								
N.E. COR NORTH				2332.82	2333.50	FO.68		
#3 SHT. 5								
S.W. COR WEST				33.84	2334.00	FO.16		
#4 SHT 5								
S.W. COR SOUTH				35.27	2335.00	C-0.27		
#5 SHT 5								
S.E. COR. EAST				35.56	2338.00	F-2.44		
#6 SHT 6								
S.E. COR EAST				33.20	2334.00	FO.80		
#7 SHT 6								
S.E. COR. EAST				35.40	2336.00	FO.60		
#8 SHT 6								
N.E. COR EAST				35.25	2336.00	FO.75		

F.B. 3440 PG 226

Job No. 5924.18 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of Apollo PK Date 11-17-71 Date ____ No. ____

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

Indexed ____ Date ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F		
#9 SHT6 N.E. COR. EAST				2335.55	2336.50	F.0 95		
#10 SHT.7 SELY. COR SOUTH				35 28	32.00	C3 28		
#10 SHT.7 WLY. COR. SOUTH				30.88	30.50	C0 38		
#11 SHT7 SLY COR ESE				35.59	37.50	F-1 91		
#12 SHT7 S.E. COR-S stake				33 64	32.00	C-1 64		
#13 SHT 7 N.E. COR-N stake				32 10	32.00	C-0.10		
BM				2334.42			@ base	of F H.
Fish Cleaning Fac N-N				33 16	33.16	GRADE		

Profile Notes Red ____ Plotted ____ Job No. 2 Division No. ____
No. ____ Date ____ Date ____ Survey of Hydro PE
X-Sec. Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date 11 17 71
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3444 Pg. 22

F.B. 3440 PG. 228

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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

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F. B. 3440 PG. 7

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. ____ Division No. ____ Survey of AVE F-8 - Apollo Ca. Pk.

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by Vage Notes Vage Date 5-13-71 Map No. ____ Indexed ____ Date ____

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X-SECTIONS
ON AVE F-8, AIRPORT TO APOLLO PK.

J.N. 8924.18

See Note pg. 251

STATION	B. S.	H. I.	F. S.	ELEV.
			References Used: FB 3474 FB 3440-248	

Party: Vage
Van Ness
Hill
Sidwell

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT ℄ S'ly	℄ RIGHT ℄ N'ly
BM AVA #37	SEE FOR THIS ELEV. FB 3474-252			2331.56	BM AVA #37 ELEV.=2333.42 FB 3440-182	
					N.E. Cor. of Parking lot 25'N. & 15'E, a bt. spk. in	
					Conc. base of Fire Hydrt.	
1+65.3				2848		℄ N'ly Edge of Pvmt.
1+65.3						1± N'ly Cor. of
						gate (6' chain link fence)
1+73.5				2849	22.5 S'ly Edge of Pvmt	
"					23.5 S'ly cor. of gate	
					(6' chain link fence)	
1+84.7					58.0 Cor. of 5' chain link	
					& 6' chain link fence.	
2+00						℄
"				2878		11.5 N'ly Edge of Pvmt
"				283		22.2 F.L.
"				2842	13.8 S'ly Edge of Pvmt.	
"				283	53.0 5' Chain link fence	
2+14.0				2891		15.7 N'ly BC (Pvmt)
2+22.0				2853	7.0 S'ly BC (Pvmt)	
2+49.0				2860		℄ S'ly Edge Pvmt
3+00				287		℄
"				2879		10.8 S'ly Edge of Pvmt

F. B. 3440 Pg. 230 | Job No. 8924.18 | Division No. | Notes Red | Plotted | Profile
Survey of AVE F-3 - Apollo Co. Pk. | Date 11-13-71 | Date | No.
Survey by Voge | Notes Voge | Notes Chk'd. | Checked | X-Sec.
Indexed | Date | Date | Date | No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT & S'ly	℄ RIGHT & N
3+00				2329 02		35.8 N'ly Edge
"				28 2		46.0 F.L.
"				28 5		50.0
"				28 4	21.5 5' Chain link fence	
3+07.0					8.7 Guy Wire	
3+08.3					15.5 PP# 1897291E	
3+66.3						℄ ∡ Pt 5' Chain link fence
3+84.2						17.7 BC S'ly Edge
"						41.8 BC N'ly " "
4+00				28 6		℄ & 5' chain link fence
"				29 15		17.3 S'ly Edge of
"				29 32		42.3 N'ly "
				27 8		53.0 F.L.
4+50.0				27 04		10.0 F.L. 18" Cor. IP
4+71.0				27 46		50.0 F.L. " " "
5+00 P.I				28 6		℄ & 5' chain link fence
"				29 43		17.6 S'ly edge of
"				29 64		42.0 N'ly "
"				27 7		52.6 F.L.
T.P				28 83		

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of AVE F-8 Apollo Co Rk
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 244 PG 2

76-L-298 CE 307 5-66

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F. B. 3440 Pg. 232 | Job No. 3924.13 | Division No. | Notes Red | Plotted | Profile
Survey of AVE F-8 - Apollo Ca Pk. | Date 11-15-71 | Date | No. | X-Sec.
Survey by Voge | Notes Voge | Notes Chk'd. | Checked | No.
Indexed | Date | Date | Date

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT ℄ 5'Ly	℄ RIGHT ℄ N'Ly
6+00				2328 9		℄ #5' chain link fence
"				29 71		17[6] S'ly edge of Pvmt
"				29 48		42[0] N'ly " " "
"				28 4		53[3] F.L.
6+16[2]						43[7] P.P. #1897290E
6+17[1]						50[5] Guy Wire
6+						℄ B.C.
7+00				27 3		℄ #5' chain link fence
"				29 94		17[8] S'ly edge of pvmt
"				29 64		41[1] N'ly " " "
"				28 8		51[5] F.L
8+00				29 9		℄ #5' chain link fence
"				30 14		17[8] S'ly edge of Pvmt
"				29 82		42[0] N'ly " " "
"				29 2		51[4] F.L
9+00				30 1		℄ #5' chain link fence
"				30 36		17[8] S'ly edge of Pvmt
"				30 08		42[0] N'ly " " "
"				29 5		51[5] F.L
9+15[7]						42[5] P.P. #1897289E

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT & S'ly	℄ RIGHT & N'Ly
10+00				23300		℄ & 5' chain link fence
"				30 56		17^{5} S'ly edge of Pu[illegible]
"				30 35		41^{9} N'ly " "
"				29 5		51^{5} F.L.
10+34°						℄ 5' fence ∡s to Sou[illegible]
T.P.				30 70		
11+00				30 5		℄
"				30 74		17^{2} S'ly Edge of Pu[illegible]
"				30 52		42^{2} N'ly " " "
"				29 6		51^{0} F.L.
12+00				30 8		℄
"				31 07		17^{7} S'ly Edge of [illegible]
"				30 70		42^{0} N'ly " " "
"				30 1		51^{0} F.L.
12+16 5						42^{7} P.P. #1397280 E
12+40 4						25^{4} Water Valve
12+50 4						35^{0} " "
13+00				30 6		℄
"				31 24		17^{7} S'ly edge of [illegible]
"				30 89		42^{2} N'ly " "
"				23303		51^{0} F.L.

Profile Notes Red ____ Plotted ____ Job No. 8924 18 Division No. ____
No. ____ Date ____ Date ____ Survey of AVE F-8 - Apollo Co. Rk.
X-Sec. Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 3440 PG. 233

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F. B. 3440 PG. 234 | Job No 8924.18 Division No. | Notes Red | Plotted | Profile
Survey of AVE F-8 · Apollo Co Rd. | Date 11-13-71 | Date | No.
Survey by Voge | Notes Voge | Notes Chk'd. | Checked | X-Sec.
Indexed | Date | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT ℄ 5'/y	℄	RIGHT ℄ N'ly
T.P.				2330 95			
14+00				309		℄	
				3.146			17⁶ EDGE OF PAV.
				3109			42° " "
				30 4			51.1 F.L.
15+00				31.5		℄	
				31 64			17⁵ EDGE OF PAV.
				3131			41° " "
				30.5			51⁶ F.L.
+15⁵							42⁶ PP# 1897287E
16+00				31 8		℄	
				31 84			17⁴ EDGE OF PAV
				3152			42¹ " "
				30 6			51⁴ F.L.
17+00				312		℄	
				3207			17³ EDGE OF PAV
				3180			42² " "
				306			51⁵ F.L.
T.P.				3209			
18+00				316		℄	
				2332 29			17⁴ EDGE OF PAV.

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT & SLY	℄	RIGHT & N'LY
18+00				23 31 99			42 3 EDGE OF P
				30 9			51 6 F.L.
+15 4							42 7 F.P. 1897 28
19+00				31 8		℄	
				32 46			17 4 EDGE OF PA
				32 18			42 0 " "
				31 1			51 5 F.L.
20 ± 00				32 0		℄	
				32 74			17 2 EDGE OF P
				32 40			41 2 "
				31 3			51 5 F.L.
21+00				32 5		℄	
				32 99			17 3 EDGE OF P
				32 62			42 1 " "
				31 6			51 4
+15 0				—			42 5 P.P. 1897 28 E
22+00				32 8		℄	
				33 18			17 2 EDGE OF
				32 82			42 "
				32 2			51 3 F.L.
23+00				23 30		℄	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of Ave F-8 - Apollo Co. Rd
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT & SLY	℄	RIGHT & NLY
23+00				33.42			17^{6} EDGE OF PAV
				33.11			41^{8} " "
				32.3			51^{6} F.L.
T.P.				33.43			
24+00				33.3		℄	
				33.60			17^{8} EDGE OF PAV
				33.34			42^{3} " "
				32.5			52^{2} F.L.
$+15^{3}$				—			43^{5} P.P. # 1897284E
25+00				33.6		℄	
				33.87			17^{7} EDGE OF PAV.
				33.53			42^{3} " "
				32.8			51^{9} F.L.
$+58^{5}$				-			25^{1} WATER H.H.
$+69^{2}$				-			35^{0} WATER H.H.
26+00				34.7		℄	
				34.08			17^{6} EDGE OF PAV
				33.76			42^{2} " "
				32.9			51^{8} F.L.
27+00				34.7		℄	
				33.30			17^{5} EDGE OF PAV

F. B. 3440 PG. 236

Job No. 8824.18 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of AVE. F-8 - Apollo Ca Pk. Date ____ Date ____ No. ____

Survey by VOGL Notes VAN NESS Notes Chk'd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT ℄ SLY	℄	RIGHT ℄ SLY
27+00				396			42³ EDGE OF FA
				330			51⁸ F.L.
T.P.				3432			
27+15²				–			42⁸ P.P.# 89728
28+00				347		℄	
				342			8⁵ F.L.
				3451			17⁴ EDGE OF
				34.19			42³ "
				33.5			51⁴ F.L.
29+00				354		℄	
				34.6			9' F.L.
				34.87			17³ EDGE OF
				34.56			42' "
				33.9			51⁶ F.L.
30+00				36.5		℄	
				35.2			8⁸
				35.37			17⁴ EDGE OF
				35.09			42⁴ "
				344			51⁶ F.L.
+ 14⁸				–			42³ P.P.# 89728
31+00				369		℄	

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of ____ F. B. ____ Pg. ____
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

Apollo Co. Pk.

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT & SLY	℄	RIGHT & NLY
31+00				23556			8² F.L.
				3590			17³ EDGE OF PAV
				3556			42³ " "
				349			52⁰ F.L.
32+00				369		℄	
				358			9² F.L.
				3635			17⁴ EDGE OF PAV
				3608			42² " "
				356			51⁶ F.L.
T.P.				36.42			
33+00				375		℄	
				369			8⁵ F.L.
				3685			17³ EDGE OF PAV
				3650			42⁶ " "
				366			52⁰⁰ F.L.
33+04¹				374		℄	
				3704			6⁰ EDGE OF PAV
				3645			42⁰ F.L.
				3707			42⁰ TOP CB
				233722			49⁵ S.E. COR PARKING LOT
+14⁶				—			42⁵ P.P.# 1897281

F. B. 3440 Pg. 238

Job No. 8924.18 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of AVE F-8 - Apollo Co. PK Date ____ Date ____ No. ____

Survey by VOGE Notes VAN NESS Notes Chk'd. ____ Checked ____ X-Sec. ____

Indexed ____ Date 11-19-71 Date ____ Date ____ No. ____

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT ℄ SLY	℄	R
33 +45.7				23 36.51			42.0 F.L.
				37 15			42.0 Top Cb
				37 36			49.5 Col. Conc. [illegible]
+73.7				36.59			42.0 F.L.
				37.22			42.0 [illegible] Cb
				37 32			44.5 S/Y EDGE CON[illegible]
				37 39			49.5 N/Y EDGE C[illegible]
34 ± 19.6				37 6		℄	
				37 43			5.7 EDGE OF PAV
				36 69			41.5 F.L.
				37 33			41.5 Top Cb
				37 42			44.6 S/Y EDGE CON[illegible]
				37 49			49.6 N/Y EDGE CON[illegible]
				—			[illegible]
				—			PARKING [illegible]
35+00				37.8		℄	
				37.64			5.8 EDGE OF PA[illegible]
				36 95			41.7 F.L.
				37 58			41.7 Top Cb.
				37.68			44.3 S/Y EDGE CONC[illegible]
				23 37 74			49.5 N/Y ED[illegible]

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of Ave F-9 - Apollo Co Pk
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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

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.	LEFT & S'LY	℄	RIGHT & N'LY
35+54.0				233754			19.8 S.S.M.H. S. RIM
+59.5				3709			41.5 F.L.
"				3774			41.5 TOP CB & SE COR CONC. WALK
"				3779			44.2 S'LY EDGE CONC. WALK
"				3779			49.2 N'LY " " "
+64.5				3713			41.5 F.L.
"				3777			41.5 TOP CB & S.W. COR CONC. WALK
+74.8				3722 3785			41.4 F.L. TOP CB B.C.R.
+82.4				3728			38.3 X PT. CONC. APRON
+84.1				3762 3828			51.5 E.C.R F.L. TOP CB
+86.6				3736			44.6 N'LY EDGE CONC. APRON
"				3773			51.5 " " " OPPSITE E.C.R
+94.0				—			39.0 WATER H.H.
+98.5				—			29.8 " "
36+00				38.0		℄	
"				3779			5.8 EDGE OF PAV.
36+02.5				3737			44.7 N'LY EDGE CONC. APRON
"				3758			52.0 " " " OPPSITE B.C.R
36+04.5				3747 3812			52.0 F.L. 52.0 TOP CB B.C.R.
+07.5				233735			39.0 X PT. CONC APRON
36+11.4				—			56.5 F.H. WITH CONC. BASE

F. B. 3440 PG. 240

Job No. 8924.18 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of AVE F-8 - Apollo Co PK Date ____ Date ____ No. ____

Survey by VOGE Notes VAN NESS Notes Chk'd. ____ Checked ____ X-Sec. ____

Indexed ____ Date 11-19-71 Date ____ Date ____ No. ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT & S/Y ℄	RIGHT & N/Y.
36+14.8				2337.31		41.8 F.L. E.C.
"				37.92		41.8 TOP CB
"				—		42.3 P.P. # 1897280
36+29.5				37.30		41.8 F.L.
"				37.94		41.8 TOP CB
36+00 to W.= H00 to N.				—	LEFT & W/Y. ℄	RIGHT & ELY
1+54.1 N/Y				37.50	K PT CONC GUTTER 4.7	
				—	& END OF CB	
1 56.0				—	WATER H.H. 1.0	
1+61.2				37.79		15.5 K PT CONC. [illegible]
"				38.18		15.5 TOP CB
1+74.2				37.82		35.3 K PT CONC. CB & [illegible] PARKING LOT FL.
+83.5				—		41.8 WATER BOX
2+00				37.66	℄	
				37.77		35.3 W/Y EDGE & PA CON [illegible]
				37.81		40.3 ELY EDGE CO [illegible]
				37.65	W/Y EDGE PAV. 4.5	
2+56.0				—		42.0 WATER VA
3+00				37.84	℄	
				37.93		35.6 W/Y EDGE WA PARKING LOT
				2337.99		40.6 ELY EDGE CO

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of AVE F-8 - Apollo Co Pk
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

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

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT & W'LY. ℄	RIGHT & E'LY
3+00				3783	EDGE OF PAV 4.6	
+21.5				3818		45.5 S.S.M.H.W. RIM
+70.0				—		44.5 WATER VALVE
4+00				3802	℄	
				3822		35.5 W'LY EDGE WALK & PARKING LOT
				3822		40.5 E'LY EDGE WALK
				3802	EDGE OF PAV. 4.7	
+1[illegible].0				—		WATER VALVE
+29.0				—		" "
+69.5				—	F.H. 11.4	
+[illegible]				—	WATER H.H. 7.2	
+85.2				—	" " 6.0	
+98.0				3822	EDGE OF PAV. 4.7	
				—	90° ± [illegible] TO WEST FOR PAV	
5+00				3825	℄	
"				3835		35.5 W'LY EDGE WALK & PARKING LOT
"				3839		40.5 E'LY EDGE WALK
5+45.5				3849		35.5 W'LY EDGE WALK & 90° ± TO EAST FOR PARKING LOT
"				—		
"				3855		40.5 E'LY EDGE WALK
5+65				233868	℄	

F. B. 3440 Pg. 242 Job No. 8924 18 Division No. 11 Notes Red. Date Plotted Date No. Profile

Survey of AVE. F-8 - Apollo Co PK. Notes VANNESS Date 11-19-71 Checked Date No. X-Sec.

Survey by VOGE Notes Date 11-19-71 Checked Date No.

Indexed

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT OR ELY.	RIGHT OR ELY
5+65				2339.04	PARKING LOT 100'	
				39.48	" 200' ±	
					END OF SLOPE WALL	
BM1 TENANT				2337.89	BM TENANT EL.=2337.925 (1970) FB 2690.153 Ave F-8 @ West Side Tenant Site, a b Spk in curb, 2' E of E end curb ret. @ Entrance to Parking lot.	

Profile Notes Red____ Plotted____ Job No.____ Division No.____
No.____ Date____ Date____ Survey of AVE F-8 - Apollo Co Pk.
X-Sec. Notes Chk'd.____ Checked____ Survey by____ Notes____ Date____
No.____ Date____ Date____ Map No.____ Indexed____ Date____

F. B. 2690 Pg. 153

F. B. 3440 PG. 244

Job No. 892418 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of AVE. F-8 - APOLLO CO. PK Date _____ Date _____ No. _____

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

Indexed _____ Date 11-19-71 Date _____ Date _____ No. _____

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

76-L-298 CE 307 5-66

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Notes Ck'd by	Survey of AVE F-8
Map No.	JN 0303.00 Tape 185 Std. 84 °F
Office Work	Surveyed by VMC
Checked	Notes VOGE Date 11-22-71
Date	Indexed

F. B. 3440 PG. 24

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℄ OF AVE F-8

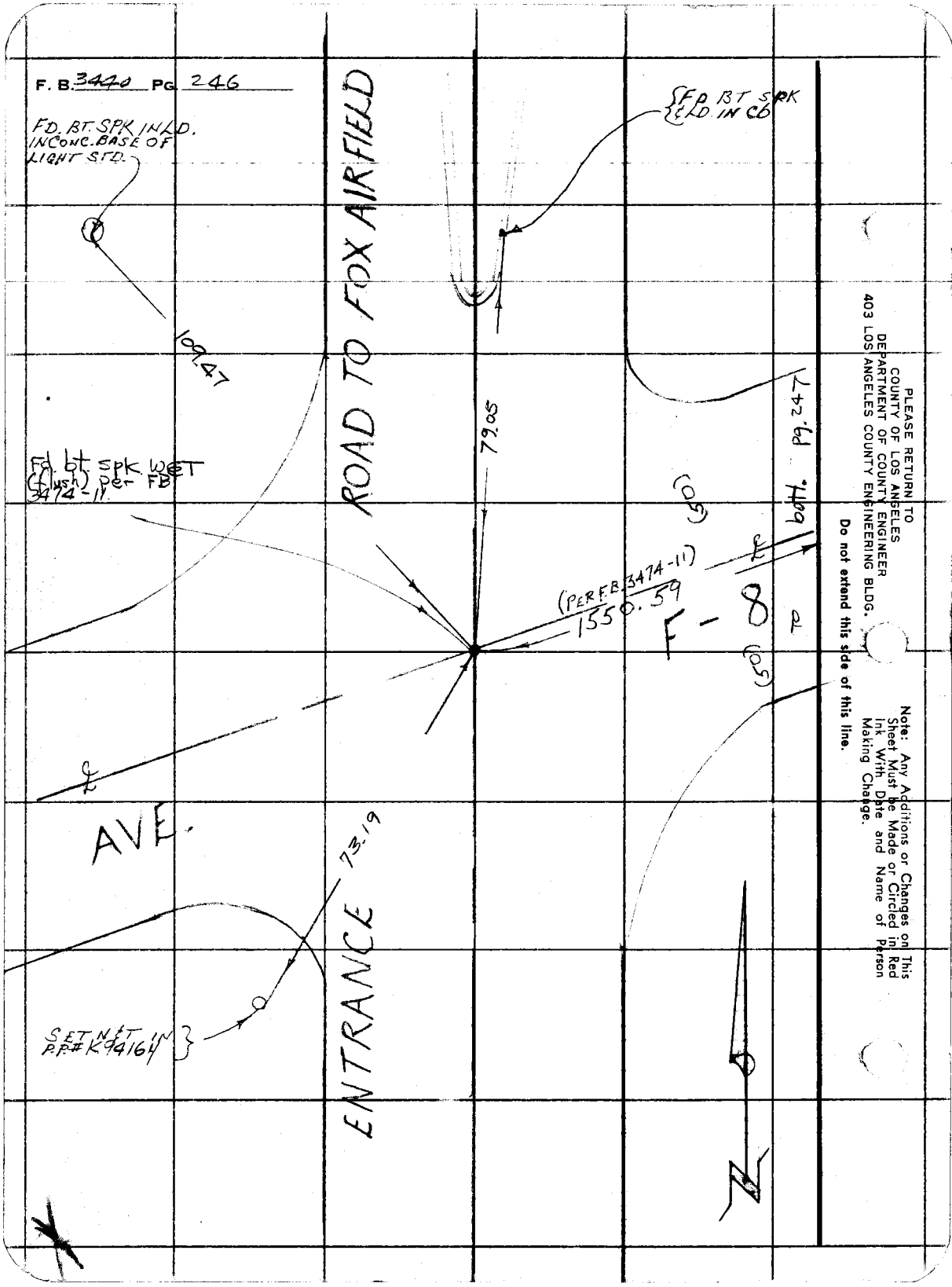
FROM APOLLO PARK TO AIRPORT ENTRANCE ROAD

JN 0303.00

REFERENCE USED: FB 3474
FB 3440

PARTY: VOGE
VAN NESS
HILL
SIDWELL

76F309S CE#310 3-69



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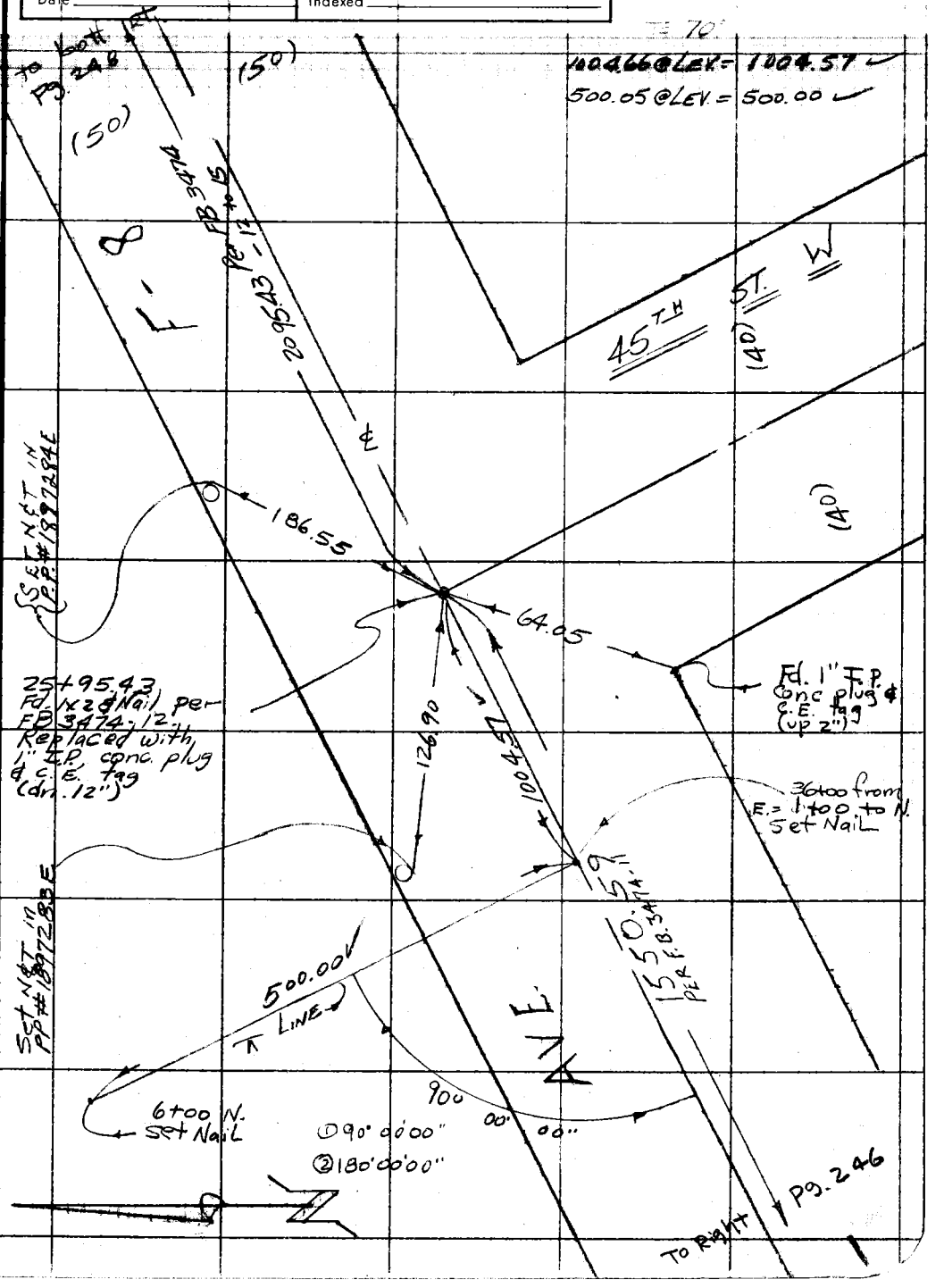
Apollo Co Pk.

Notes Ck'd by	Survey of AVE F-8	F. B. [illegible] Pg. 247
Map No.	JN 2303.02 Type 185 Std. 84 °F	
Office Work	Surveyed by [illegible]	
Checked	Notes Vega Date 11-27-71	
Date	Indexed	



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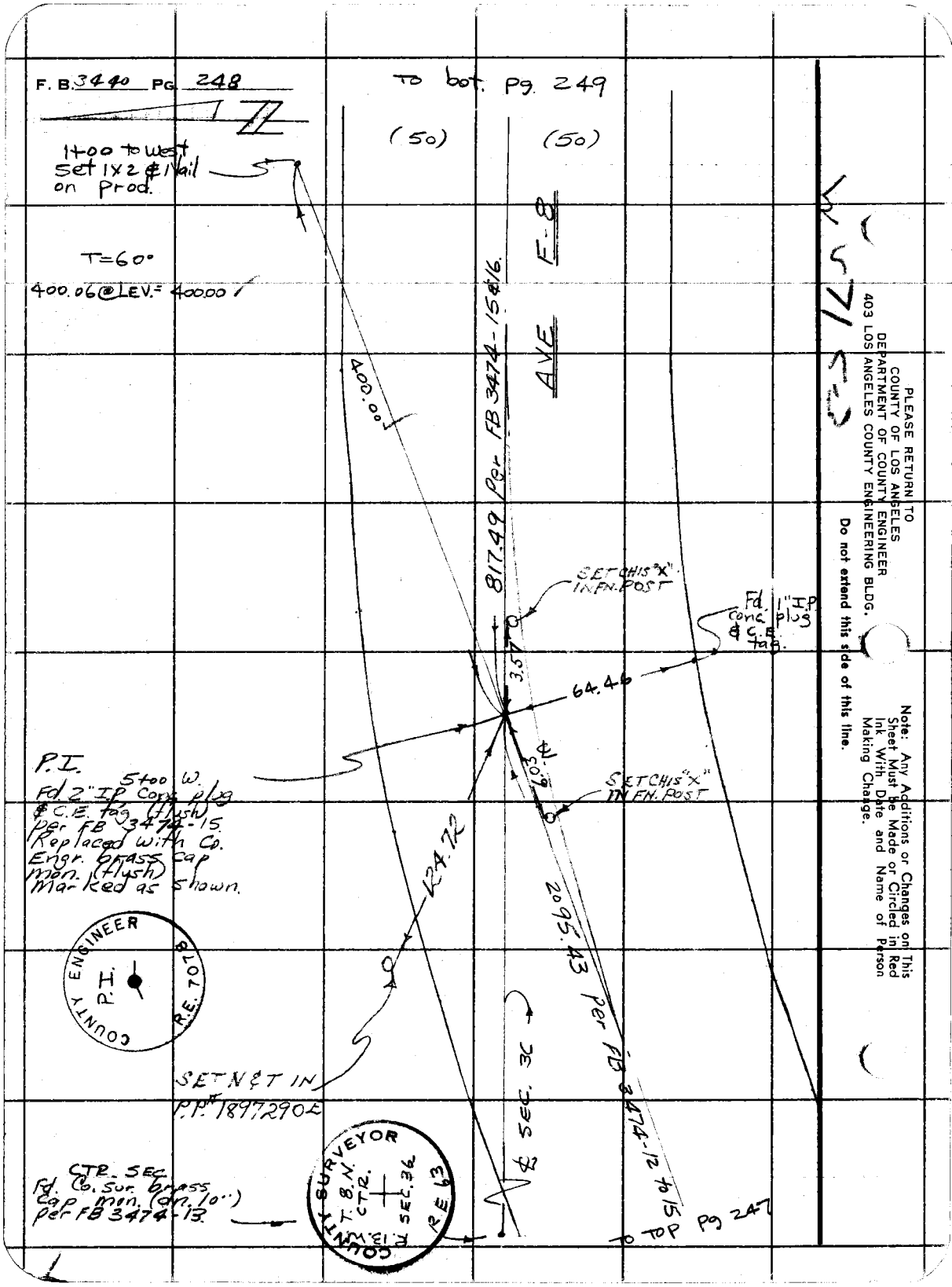
76F309S CE#310 3-69


F. B. 3440 PG. 248
To bot. Pg. 249
(50)
(50)
1+00 to West
set 1x2 & Nail
on Prod.
T=60°
400.06 @ LEV.= 400.00
AVE F-8
817.49 Per FB 3474-15 & 16.
400.00
SET CHIS "X" IN FN. POST
Fd. 1" I.P. Conc. plug & C.E. tag.
3.57
64.46
P.I.
5+00 W.
Fd. 2" I.P. Conc. plug & C.E. tag (flush) per FB 3474-15. Replaced with Co. Engr. brass cap mon. (flush) Marked as shown.
SET CHIS "X" IN FN. POST
124.72
2095.43 Per FB 3474-12 to 15
COUNTY ENGINEER
P.I.
R.E. 7078
SET N & T IN P.P. # 1897290E
℄ SEC. 36
CTR. SEC.
Fd. Co. Sur. brass cap mon. (dn. 10") per FB 3474-13.
COUNTY SURVEYOR
T. 8 N.
CTR.
SEC. 36
R.E. 63
To top Pg 247
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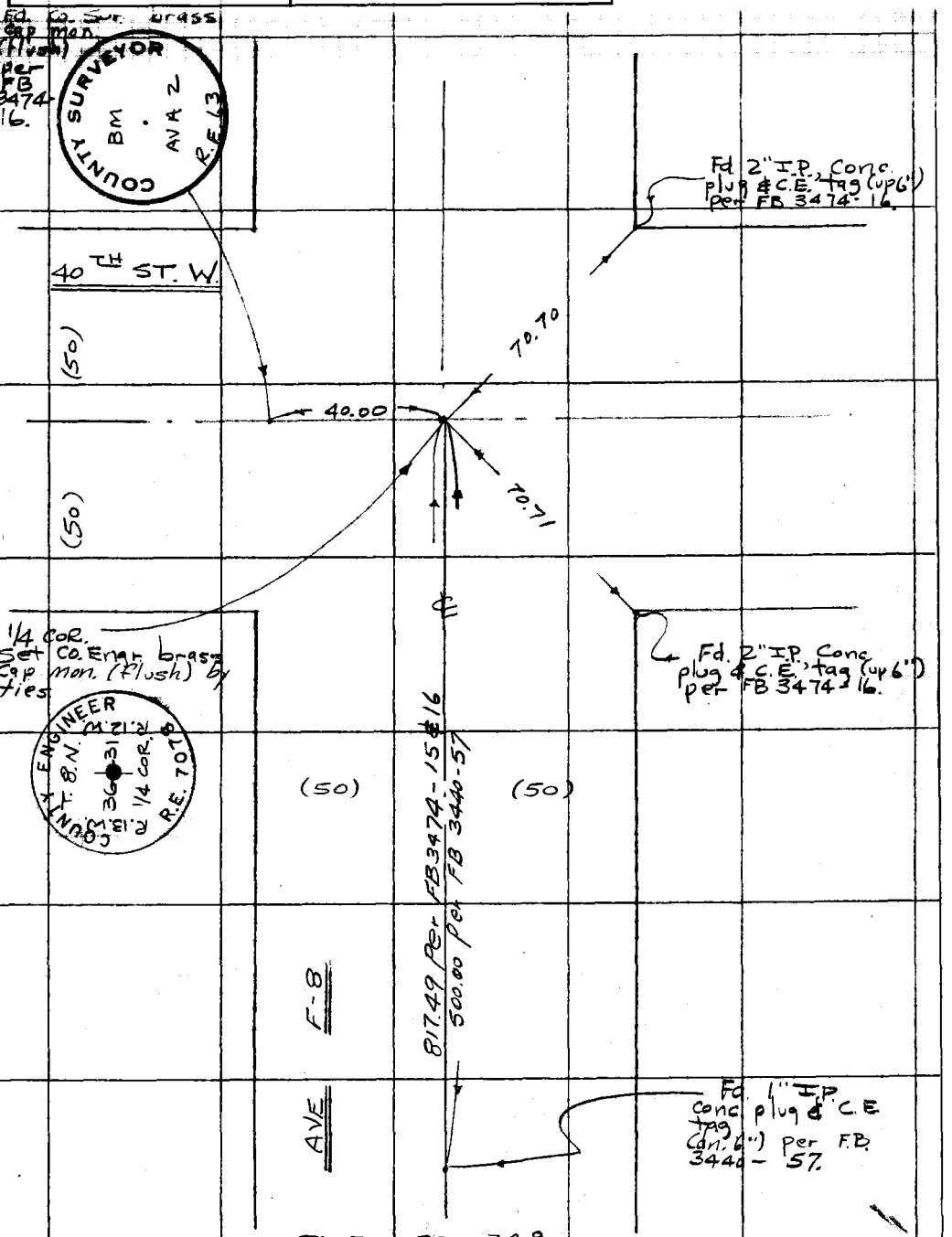
Apollo Co. Pk.

Notes Ck'd by	Survey of AVE F-8	F. B. 3440 PG. 247
Map No.	JN 0303.00 Tape 184 Std 84 °F	
Office Work	Surveyed by	
Checked	Notes Vogt Date 11-22-71	
Date	Indexed	



To Top Pg. 248

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F. B. 3446 Pg. 25

F. B. 3474 Pg.

Profile No. Notes Red Plotted Job No. Division No.
Date Date Survey of Ave F-8 ; Apollo Co
X-Sec. No. Notes Chk'd. Checked Survey by Notes
Date Date Map No. Indexed Date

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LEVELS FOR X SECTIONS

ON AVE. F-8

Note
These elevations are based on Precise Level Line 103 See F.B. 2690 Pg. 137
Original road grade was on Old A.V.A. datum for Fox Field & Apollo Park. See F.B. 3474-48
All new topography of Fox Field & Apollo Park will be put on Precise Level Datum in future.

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

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 "Light"				2342.44	Bm Light Elev=2342.440 (1970) FB 2690-153 Entrance Rd @ Ave F-8, 75'± N., ¢ 40'± W of ¢ int, a bt spk in Conc base of light std.
Bm "TENANT"				2337.93	Bm "Tenant" Elev=2337.925 (1970) FB 2690-153 Ave F-8 @ West side Tenant site, a bt. spk in curb, 2' E. of E. end curb ret, @ Entrance to Parking lot.
T.P.				2335.46	
T.P.				2333.37	
T.P.				2332.17	
T.P.				2330.74	
Bm (PI)				2328.67	BM (P.I) Elev=2328.67 FB 3474-252 ON AVE F-8, 350'±W'ly on ¢, S. side of road, a Co. Engr. brass cap mon marked P.I., RE 7078.
T.P.				2329.94	
BM AVA #37				2331.56	BM AVA #37 Elev=2333.42 FB 3440-182 N.E. Cor. of Parking lot, 25'N & 15'E, a bt. spk in Conc base of Fire Hydrt

F. B. 3440 Pg. 252
Job No. 89-24.18 Division No. Notes Red Plotted Profile
Survey of Ave F-8 - Apollo Co. Pk. Date 11-23-71 Date No.
Survey by Voge Notes Voge Notes Chk'd. Checked X-Sec.
Indexed Date Date Date No.

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

Profile No. _____ Notes Red _____ Plotted _____ Job No. _____ Division No. _____
Date _____ Date _____ Survey of Apollo Park
X-Sec. No. _____ Notes Chk'd. _____ Checked _____ Survey by _____ Notes _____ Date _____
Date _____ Date _____ Map No. _____ Indexed _____ Date _____

APOLLO PARK PICNIC SHELTER FINAL.

J.N. 8924.18

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

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76-L-298 CE 307 5-66

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F. B. 3440 PG. 254 Job No. 2964-K Division No. Notes Red Plotted Profile
Survey of Apollo Park Date 12-16-77 No. X-Sec.
Survey by Vega Notes Vega Notes Chk'd. Checked
Indexed Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F		
BMAVA #37				2333.42			BMAVA #37 EL. 2333.42	
PS A2(13)	S.W.COR S.			32.90	33.10	FO 20		
"	N.E.COR N			32.68	"	FO 42		
PS A3(1)	S.W.COR W.			33.55	33.60	FO 05		
"	N.E.COR E.			33.26	"	FO 34		
PS A4(2)	N.E.COR N.			33.09	~~33.07~~ 33.59	~~CO 52~~ CO 02	C-O 02	
"	S.W.COR W.			32.59	"	~~CO 02~~ FO 43	FO 43	
PS A5(3)	N.E.COR N.			35.28	34.50	CO 78		
"	S.W.COR W			34.17	"	FO 33		
PS B (4)	~~S.E.COR E.~~			~~34.14~~	~~34.67~~	~~FO 53~~		
"	~~W.E.COR W.~~			34.18	"	~~FO 49~~	Set	
T.B.M. Set				2333.74			T.B.M. EL. 2333.74 F.B. 3440-254	
							SET BT. SPK. IN LEAD IN F.H. CONC.	
							BASE 50' IN OFRD TO PUMP HOUSE	
T.B.M.				2332.98			T.B.M. STA #5 ELEV. 2332.98 PK.	
							IN CONC. BASE F.H. F.B. 3440-139	
PS A-6 (5)	NE COR (E)			34.76	35.8	F 10		
	NW COR (D)			35.70	35.86	FO 16	W'ly Side Walk STR 35.86 FI	35.8 FI F.O 60
PS A-7 (6)	NE COR (K)			33.55	33.45	CO 10		
	NW COR (J)			32.89	33.45	FO 56		

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F		
PS A-8(7)	S.W.	COR (W)		33.17	34.03	F-0.86		
"	S.E.	COR (S)		33.91	"	F-0.12		
PS A-9(8)	NE COR - E			35.00	35.25	F-0.25		
"	S.W. COR - S			34.82	"	F-0.43		
P.S. #C (9)	N.E. COR - N			35.85	35.55	C-0.30		
"	S.W. COR - W			35.13	35.55	F-0.42		
"	N.W. COR - N			35.42	35.55	F-0.10		
"	S.W. (W) S			35.61	35.55	C-0.06		
P.S. A10	SLY. S.E.			33.65	33.03	C-0.62	✓	
"	NLY N.E.			33.54	33.03	C-0.51		
P.S. A12	ELY S.E.			35.32	33.88	C-1.44		
"	WLY S.W.			33.40	33.88	F-0.48	✓	
P.S. "D" (11)	NW COR - W			35.52	35.74	F-0.22		
"	NNE COR - E			35.58	35.74	F-0.16		
"	E (NE) - E			35.81	35.74	C-0.07		
"	SW (COR) - W			35.50	35.74	F-0.24		
P.S. B B(4)	N.E. COR E			34.39	34.67	F 0.28		
"	N.W. COR N			34.20	34.67	F-0.47		
"	S.W. COR W			34.25	34.67	F-0.42		
"	S.E. COR E			34.28	34.67	F-0.39		

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____
No. ____ Date ____ Date ____ Survey of Aldrich Park
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. ____ PG. ____

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F		
Amphitheatre				S				
N.W COR (N)				31 97	32.25	FO 28		
SE COR (E)				31 44	32.25	FO 81		GRADE
PS A #11 (10)	N E COR (N)			31 44	~~31.38~~	~~CO 06~~	FO 24	+.30 = 31.68
"	NW COR (W)			31 34	~~31.38~~	~~FO 04~~	FO 34	+.30 = 31.68
PS A #1 (12)	NW COR (W)			33 57	~~34.24~~	~~FO 67~~	FO 07	=33.64
"	SE COR (S)			33 20	~~34.24~~	~~FI 04~~	FO 44	=33.64
Fish House	N'ly NW			32 96	33.16	FO 20		
"	S'ly SE			33 19	33.16	CO 03		
BM				31 59				
Top curb @	N'ly end of sign			31 43				
⊕ N'ly end sign				31 20	31.43	FO 23		
⊕ S'ly end sign				31 08	31.43	FO 35		
FISHING PIER (ABUT.)				30 32	32.00	FI 68		
BOATING "	"			31 70	32.00	FO 30		
Raft Shore	S.		29 76	~~30 26~~	30.08	~~CO 18~~	FO 32	
" Island	S.		29 82	~~30 24~~	30.08	~~CO 16~~	FO 26	

F. B. 3400 PG. 256

Survey of Apollo Park Job No. 9924.18 Division No. Notes Red Date 12-16-71 Plotted Date Profile No.

Survey by Voge Notes Voge Date Notes Chk'd. Date Checked Date X-Sec. No.

Indexed Date

Notes Ck'd by [illegible]	Survey of [illegible]	F. B. [illegible] PG. [illegible]
Map No.	JN 8924.18 Tape 164 Std 8 ¢ of	
Office Work	Surveyed by	
Checked	Notes Yogi Date 3-6-72	
Date	Indexed C. J. GALLI	

LOCATION OF EXISTING PILINGS

FOR FISHING & BOAT PIERS

JN. 8924.18

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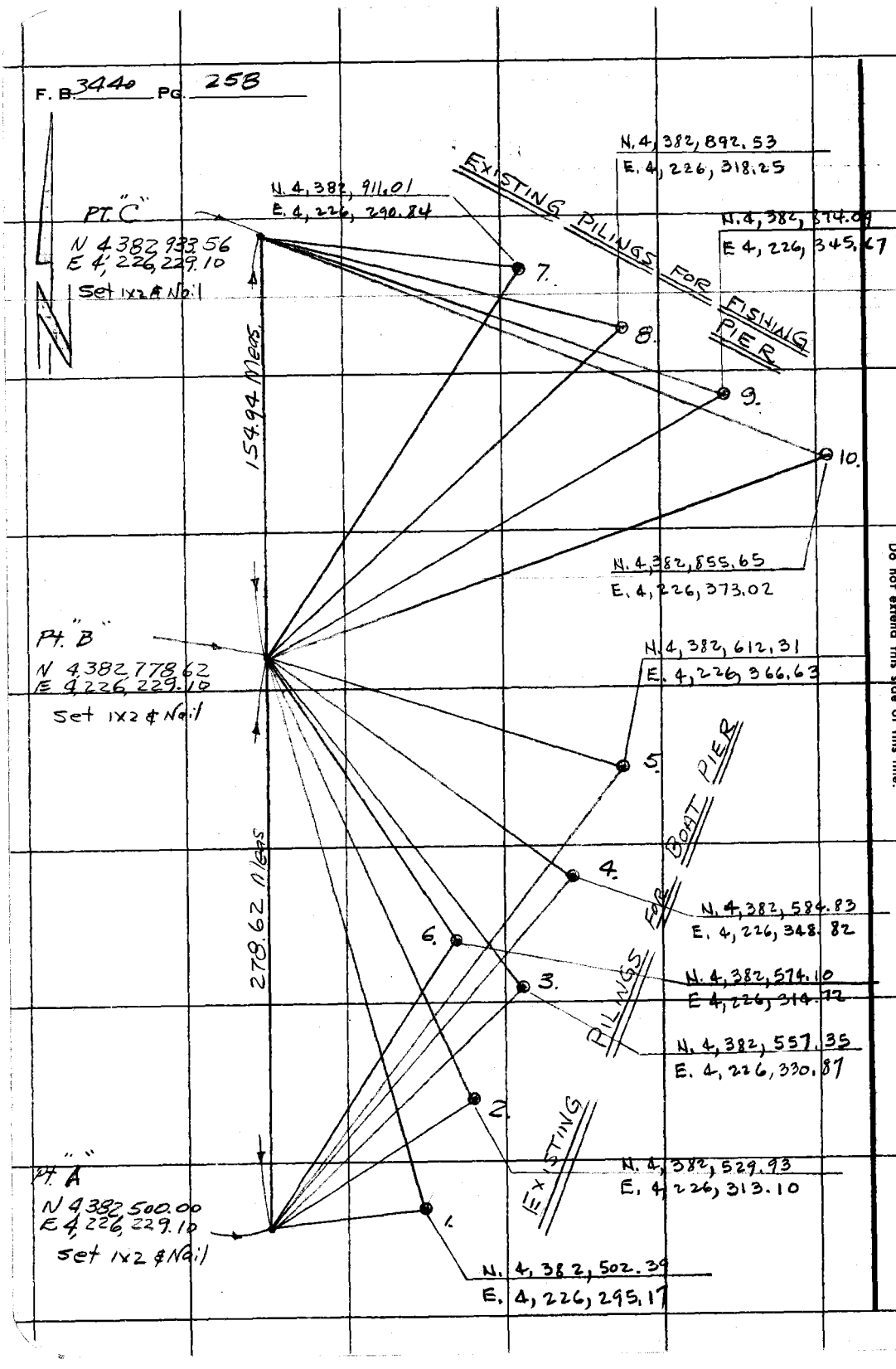
76F309S CE#310 3-69

F. B. 3440 PG. 258



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Map No.
Office Work
Checked
Date

Survey of
JN 0924 Tape 164 Std 84 °F
Surveyed by
Notes Yoge Date 8-6-72
Indexed C. J. GA... 72

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

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76F309s CE#310 3-69

∠ @ Pt "A"

Pt B to #1

① 87° 55' 20"
④ 351° 41' 45"
87° 55' 26"
⑥ 167° 32' 40"

87° 55' 27" ✓

PT B to #2

① 70° 23' 10"
④ 281° 33' 05
70° 23' 16
⑥ 62° 19' 40"

70° 23' 17" ✓

PT B To #3

① 60° 35' 40"
④ 242° 22' 40"
60° 35' 40"
⑥ 3° 34' 10"

60° 35' 42" ✓

PT. B to #4

① 54° 40' 40"
④ 218° 43' 15"
54° 40' 49"
⑥ 328° 04' 55"

54° 40' 49" ✓

PT B to #5

① 50° 45' 45"
④ 203° 02' 45"
50° 45' 41"
⑥ 304° 34' 40"

~~54° 45' 47"~~
50° 45' 47" ✓

PT B to #6

① 49° 07' 25"
④ 196° 29' 50"
49° 07' 27"
⑥ 294° 45' 05"

49° 07' 31" ✓

∠ @ Pt. "C"

PT. B to #7

① 69° 56' 00"
④ 279° 44' 25"
69° 56' 06"
⑥ 59° 36' 40"

69° 56' 07" ✓

PT. B to #8

① 65° 17' 10"
④ 261° 09' 15"
65° 17' 19"
⑥ 31° 44' 20"

65° 17' 23" ✓

PT. B to #9

⑥ 62° 58' 10"
④ 251° 53' 15"
62° 58' 19"
⑥ 17° 49' 35"

62° 58' 16" ✓

PT. B to #10

① 61° 34' 10"
④ 246° 17' 20"
61° 34' 20"
⑥ 9° 26' 15"

61° 34' 22" ✓

F. B. 3440 PG. 260

T @ PT. "B"

PT. A to #1

D 13° 26' 40"
D 53° 48' 45"
13° 27' 11"
D 80° 42' 40"

13° 27' 07" ✓

PT. A to #2

D 18° 39' 40"
D 74° 39' 20"
18° 39' 50"
D 111° 59' 00"

18° 39' 50" ✓

PT. A to #3

D 24° 42' 10"
D 98° 48' 25"
240 42' 06"
D 148° 12' 15"

24° 42' 02" ✓

PT. A to #4

D 31° 42' 15"
D 126° 49' 35"
31° 42' 21"
D 190° 14' 05"

31° 42' 21" ✓

PT. A to #5

D 39° 35' 25"
D 158° 21' 10"
39° 35' 17"
D 237° 32' 05"

39° 35' 21" ✓

PT. A to #6

D 22° 42' 55"
D 90° 52' 00"
22° 43' 00"
D 136° 10' 10"

22° 43' 02" ✓

PT. C to #7

D 25° 00' 05"
D 100° 01' 10"
25° 00' 17"
D 150° 01' 40"

25° 00' 17" ✓

PT. C to #8

D 38° 02' 55"
D 152° 11' 45"
38° 02' 56"
D 228° 17' 50"

38° 02' 58" ✓

PT. C to #9

D 50° 41' 10"
D 202° 44' 50"
50° 41' 12"
D 304° 07' 10"

50° 41' 12" ✓

PT. C to #10

D 61° 50' 40"
D 247° 22' 30"
61° 50' 37"
D 11° 03' 40"

61° 50' 37" ✓

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76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	Fill Floor	C/F		
BM F.H.				2334 42	—	—		
10' OFF N. OF N.W. COR				23 36 70	2336.50	C-0.32		CONCESSION BLDG.
10' OFF S. of SW COR				2336 82	2336.50	C-0.32		

Profile Notes Red ____ Plotted ____ Job No. 8743 Division No. ____
No. ____ Date ____ Date ____ Survey of Apo 116 PK
X-Sec. Notes Chk'd. ____ Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 344 Pg. 6

F. B. Pg.

Job No. Division No. Notes Red Plotted Profile

Survey of Date Date No.

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

Indexed Date Date Date No.

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

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76-L-298 CE 307 5-66

Notes Ck'd by G. KURACHI	Survey of FOX AIRFIELD F. B. 7441 D Pg. 21
Map No.	JN 7441.21 Tape Std °F
Office Work	Surveyed by JSC DATES
Checked	Notes JSC Date
Date	Indexed C. J. GALLI ? '72

J.N. 7441.51

LOCATION OF S.S.M.H.

AT FOX AIRFIELD & APOLLO CO. PARK

FOX AIRFIELD

PARTY
COATES
HUBBARD
BITTLE

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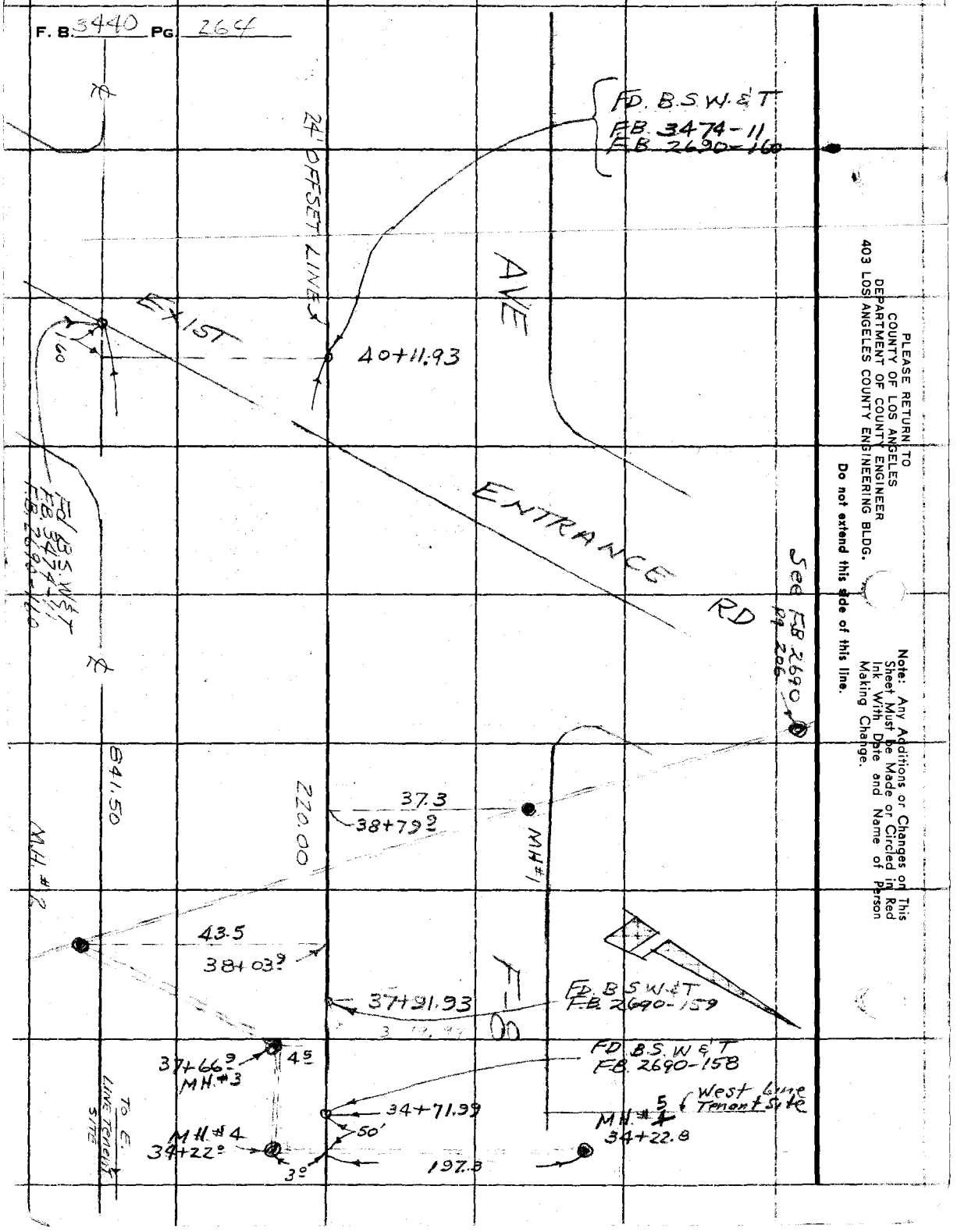
16F309S CE#310 3-68

F. B. 3440 PG. 264



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Profile No. ____ Notes Red ____ Plotted ____ Job No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of ESX AIRFIELD Division No. ____
Notes Chkd. Date 2-2-72 Checked ____ Survey by ____ Notes ____ Date 2-4-72
Map No. ____ Date ____ Indexed C. J. GALLI Date 2-7-72
F. B. ____ Pg. ____

STATION	B. S.	H. I.	F. S.	ELEV.		
BM "Light"				2342.44	BM "Light" Elev 2342.44 FB 2690-153 Ent. Rd. @ Ave F-8 75± N. & 40± W. of INT. Bl. Spk in 4" Conc. base to Light Standard	
MH #1				3983	N. rim	
"				3982	S. rim	
"				2329.61	39.83 El. − 10.22 Meas = 29.61	INVERT TO NORTH
"				2329.55		39.82 El. − 10.27 meas = 29.55 INVERT To South
MH #2				3900	N. rim	
"				3900	S. rim	
"				3900	E. rim	
"				2329.26	39.00 El − 9.74 Meas = 29.26	INVERT NORTH
"				2329.21		39.00 El − 9.79 Meas = 29.21 INVERT SOUTH
"				2329.25		39.00 El − 9.75 Meas = 29.25 INVERT EAST
MH #3				3874	W. rim	
"				3877	E. rim	
"				2329.40	38.74 El − 9.34 Meas = 29.40	INVERT West
"				2329.47		38.77 El − 9.30 meas = 29.47 INVERT East
MH #4				3759	W. rim	
"				3758	N. rim	
"				2330.40	37.59 El − 7.19 Meas = 30.40	INVERT West
"				2330.47		37.58 − 7.11 = 30.47 INVERT North

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
MH #5				2338 23	N. rim	
"				38 23	S. rim	
"				2331 33	38.23 El. / 6.90 meas / 31.33	INVERT SOUTH
"				2331 47		38.23 El / 6.76 meas / 31.47 INVERT NORTH
BM Tenant				2337 92	BM Tenant Elev. 2337.925 F.B. 2690-153	
BM AVA 2					BM AVA 2 Elev. 2327.954 F.B. 2690-141	
M.H. #6				2328.94	N. rim	
				28 95	S. rim	
5' N. ℄ AVE F-8				28 94	E. rim	
& 5' E. of W. Line of Park				28 95	W. rim	
				2317.59	28.94 / 11.35 / 17.59 INVERT NORTH	
				2317 50	28 95 / 11.45 / 17 50 INVERT SOUTH	
				2317 51	28.94 / 11.43 / 17.51 INVERT EAST	
				2317 63	28.95 / 11.32 / 17.63 INVERT WEST	

F. B. 3449 PG. 266

Job No. 7441.51 Division No. Notes Red. Plotted Profile

Survey of Date Date No.

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

Indexed C. J. GALLI Date Date No.