by

k

Survey of W.W.W#36 Res Site & Pad. F. B. 3863 PG. 5
JN 2408.15 Tape 159 Std 84 °F
Surveyed by J P MENNE
Notes J F Date 5-71
Indexed T. M. PALMERI MAR 28 1973

WATER WORKS # 36
VAL VERDE

LOCATION OF TANK SITE
& PAD PER PLANS.

ns Per CT 2408
27 of 40
3293

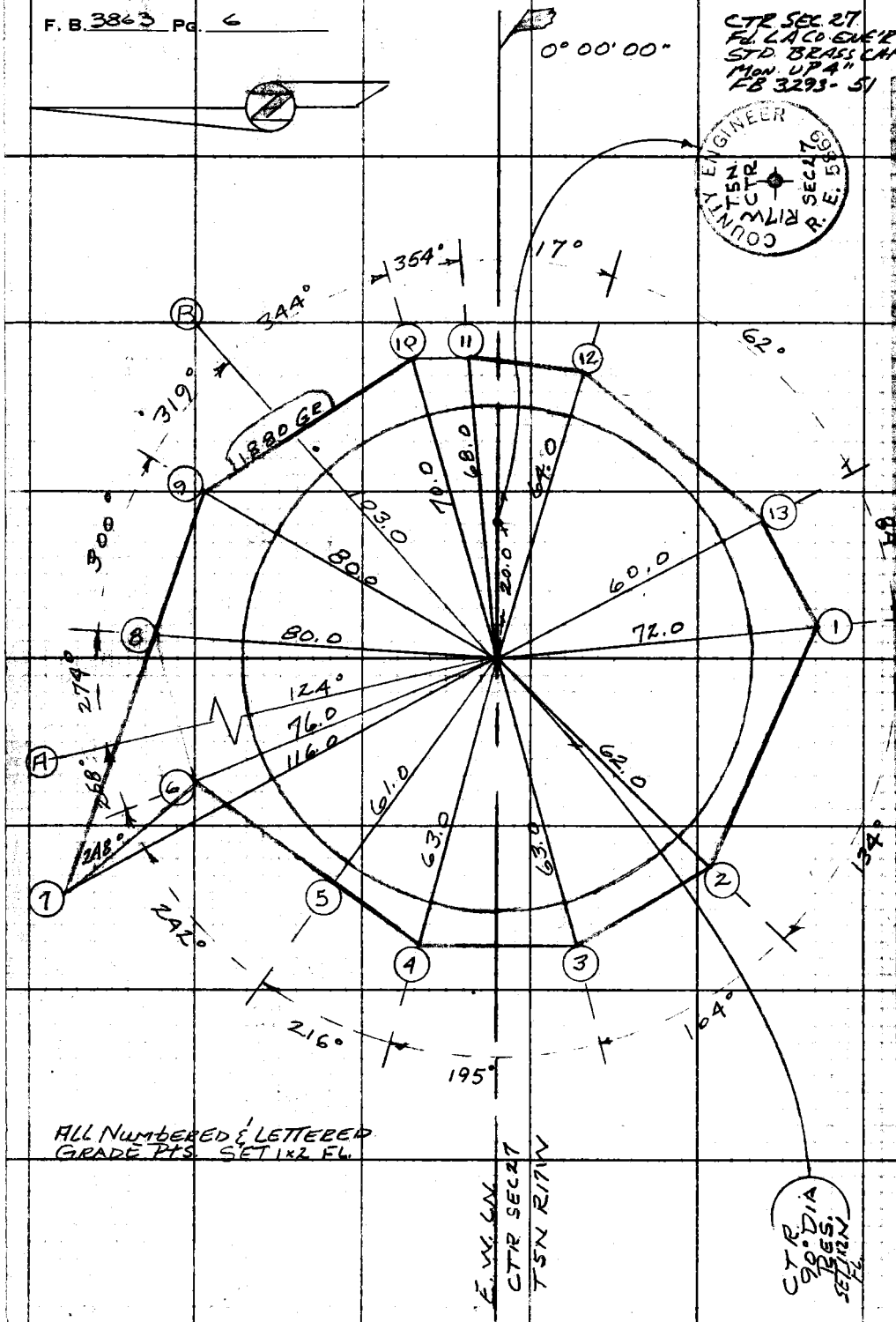
PARTY

J. TERRANOVA
C. ADAMS
J. ZBYSENSKI

J. MENNE
J. FALSEY
J. McDONOUGH
R. PULSIFER

Microfilmed Jan 85

F. B. 3863 PG. 6



CTR SEC. 27
Fd. LA CO. ENG'R
STD. BRASS CAP
MON. UP 4"
FB 3293-51
COUNTY ENGINEER
T5N
CTR
R17W
SEC 27
R. E. 5869
0° 00' 00"
17°
354°
344°
62°
319°
300°
274°
268°
248°
242°
216°
195°
164°
134°
1880 GE
103.0
70.0
68.0
64.0
20.0
80.0
60.0
80.0
72.0
124°
76.0
116.0
61.0
63.0
63.0
62.0
ALL NUMBERED & LETTERED
GRADE PTS. SET 1x2 FL.
E. W. LN.
CTR SEC 27
T5N R17W
CTR
90° DIA
RES.
SET 1x2N
FL.

F.B. 3293 Pg. 7

Profile No. ____ X-Sec. No. ____
Notes Red ____ Date ____ Notes Chkd. ____ Date ____
Plotted ____ Date ____ Checked ____ Date ____
Job No. 240815 Division No. ____
Survey of W.W. # 36 (RES. SITE & PAD)
Survey by J.T. & J.M. Notes J.T. Date 5-4-71
Map No. ____ Indexed M. PALMER Date MAR 28 1972

WATERWORKS #36
VAL VERDE

RESERVOIR PAD ELEV. (1880.00) & GRADE STAKES FOR RESERVOIR & PAD SITE.

STATION	B.S.	H.I.	F.S.	ELEV.
		REF. PLANS PER C.I. 2408 SHEET 27 OF 40 F.B. 3293		

PARTY
J. TERRANOVA J. MENNE
C. ADAMS J. FALSEY
J. ZBYSENSKI J. Mc DONOUGH
R. PULSIFER

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

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

F. B. 3803 Pg. 8 | Job No 24081-5 Division No. | Notes Red | Plotted | Profile
Survey of W.W. # 36 (RES. SITE & PAD) | Date | Date | No.
Survey by J.T. & J.M. Notes J.T. | Notes Chkd. | Checked | X-Sec.
Indexed L. M. PALMER Date 5-4-71 | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.		
CTR. SEC. 27	2.07	1891.61		1889.54	CTR. SEC. ELEV. = 1889.54 Co. Engr. Brass Cap Mon. up 4" ~ MKD. CTR. SEC. 27 T-5N - R17W. F.B. 3293 - 51, 60	
RESERVOIR PAD ELEV.			11.61	1880.00	RESERVOIR PAD ELEV. = 1880.00 220± NLY OF PROPOSED CTR. OF TANK. ELY. SIDEHILL OF MAIN RIDGE. A 3/4" I.P. & CAP SET @ RESERVOIR PAD ELEV. OF 1880.00 (OUT OF CONSTRUC. AREA)	

SEE PG. 6 FOR LOCATION OF PAD OUTLINE & PG. 9 FOR GRADE STAKES

STAKED TO FINISH GRADE

76-L-298 CE 307 2-63

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Profile Notes Rod _____ Plotted _____ Job No. 340815 Division No. _____
No. _____ Date _____ Date _____ Survey of W.W. 36 (RES. SITE & PAD)
X-Sec. _____ Notes Chkd. _____ Checked _____ Survey by J.T. FLYNN Notes J.T. Date 5-5-71
No. _____ Date _____ Date _____ Map No. _____ Index M. PALMERI Date MAR 28 1973

F.B. 3[illegible] Pg. 9

STATION	B. S.	H. I.	F. S.	ELEV.		
T.B.M. RESERVOIR PAD ELEV.	2 56	1882 56		1880 00	RES. PAD ELEV = 1880.00 ± 220' ELY OF PROPOSED CTR. OF TANK. ELY SIDEWALK OF MAIN RIDGE A 3/4" I.P. & CAP FIN. GRADE C. OR F.	
(6)			2 07	1880 49	1880.0	C 05 1/0 0
S.S.				1880 5	80.0	C 05 1/1 0
R.P.S.S.						IN 5 0 + 1 31
(7)			2 83	1879 73	1880.0	F 03 1/0 0
S.S.				1879 7	80.0	F 03 1/0 5
R.P.S.S.						IN 5 0 + 0 0
(8)			15 07	1867 49	1880.0	F 12 5/10 0
S.S.				1852 3	1880.0	F 27 7/48 0
R.P.S.S.						IN 5 0 + 0 1 6
R.P. BENCH						F 12 4/23
(9)			18 00	1864 56	1880.0	F 15 4/10 0
S.S.				1836 0	1880.0	F 44 0/72 5
R.P.S.S.						IN 5 0 + 2 15 0
R.P. BENCH						F 29 2/48 0
(10)			7 35	1875 21	1880.0	F 4 8/10 0
S.S.				1872 3	1880.0	F 7 7/11 6
R.P. S.S.						IN 5 0 + 1 0

76-L-298 CE 307 2-63

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 3845 Pg. 10 | Job No. 24815 Division No. | Notes Red | Plotted | Profile
Survey of W.W. #36 CRES. SITE & PAD | Date | Date | No. | X-Sec.
Survey by J.T. & J.H. Notes J.T. | Notes Chkd. | Checked | No.
Indexed L. Mc PALMERI Date 5-5-71 | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV.	FIN. GRADE	C. OR F.	
(11)		1882 56	7 21	1875 35	1880.0	F 4 6/6 0	
S.S.				1870 8	1880.0	F 9 2/13 8	
R.P.S.S.							IN 5° + 1 1
(12)			8 36	1874 20	1880.0	F 5 8/0 0	
S.S.				1865 8	1880.0	F 14 2/21 3	
R.P.S.S.							IN 5° + 1 9
T.P.	11 94	1886 14	8 36	1874 20			
(13)			8 58	1877 56	1880.0	F 2 4/0 0	
(1)			6 14	1880 00	1880.0	GRADE	
T.P.	11 74	1897 31	0 57	1885 57			
T.P.	9 83	1906 83	0 31	1897 00			
(2)			5 56	1901 27	1880.0	C 21 3/0 0	
S.S.				1901 3	1880.0	C 21 3/42 6	
R.P.S.S.							IN 5° + 0 3
(3)			2 79	1904 04	1880.0	C 24 0/0 0	
S.S.				1897 4	1880.0	C 17 4/34 8	
R.P.S.S.							IN 5° + 1 9

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	FIN. GRADE	C. OR F.	
		1906 83					
(4)			3 15	1903 68	1880.0	C 23⁷/0°	
S.S.				1898 6	1880.0	C 18⁶/37²	
R.P.S.S.							IN 5° + 1°
(5)			8 01	1898 82	1880.0	C 18⁸/0°	
S.S.				1900 0	1880.0	C 20°/40°	
R.P.S.S.							IN 5° − 0⁶
T.P.	1 43	1896 84	11 42	1895 41			
T.P.	6 23	1891 77	11 30	1885 54			
T.B.M.			11 79	1879 98	T.B.M.	PAD ELEV. = 1880.00	
			PTS "A" & "B" ARE ENDS OF BENCH (N. SIDE)				
(A)				1865 0	1865.0	—	
R.P.							IN 5° + 0²
(B)				1861 0	1861.0	—	
R.P.							IN 5° + 1⁵

Profile Notes Red ____ Plotted ____ Job No. 240815 Division No. ____ F.B. 3863 Pg. 11
No. ____ Date ____ Date ____ Survey of W.W. #36 (RES SITE & PAD)
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.T. & J.M. Notes J.T. Date 5-5-71
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date MAR 28 1973

Notes Ck'd by	Survey of W.W. #36 (ACCESS RD.)
Map No.	JN 240815 Tape 8 Std 84 °F
Office Work	Surveyed by J.M. & J.T.
Checked	Notes J.T. Date 5-17-71
Date	Index L. M. PALMERI MAR 28 1973

F. B. 3863 PG. 13

WATER WORKS #36

VAL VERDE

CENTERLINE OF ACCESS ROAD TO RESERVOIR SITE AND SECTION LINE TIE (PG 20)

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

Do not extend this side of this line.

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

REF:

PLANS PER C.F. 2408
SH. 27 OF 40

PARTY

J. TERRANOVA
R. ALMANZAN
J. ZBYSENSKI

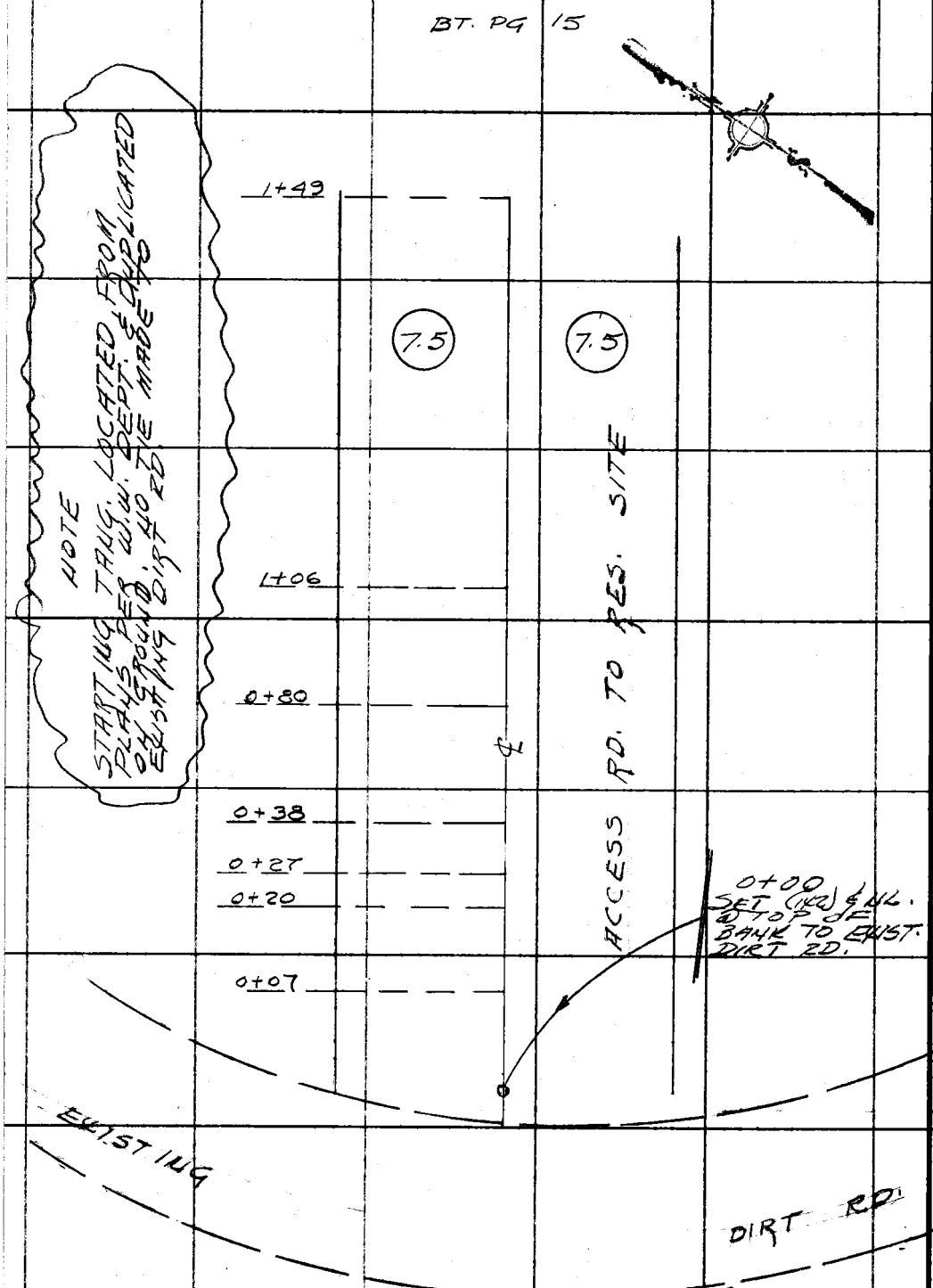
J. MENNE
J. McDONOUGH
J. FALSEY
L. MANLEY

NOTE
(141) SET @ ALL E STA. SHOWN.

76F309S CE#310 3-69

F. B. 3863 Pg. 14

BT. PG 15



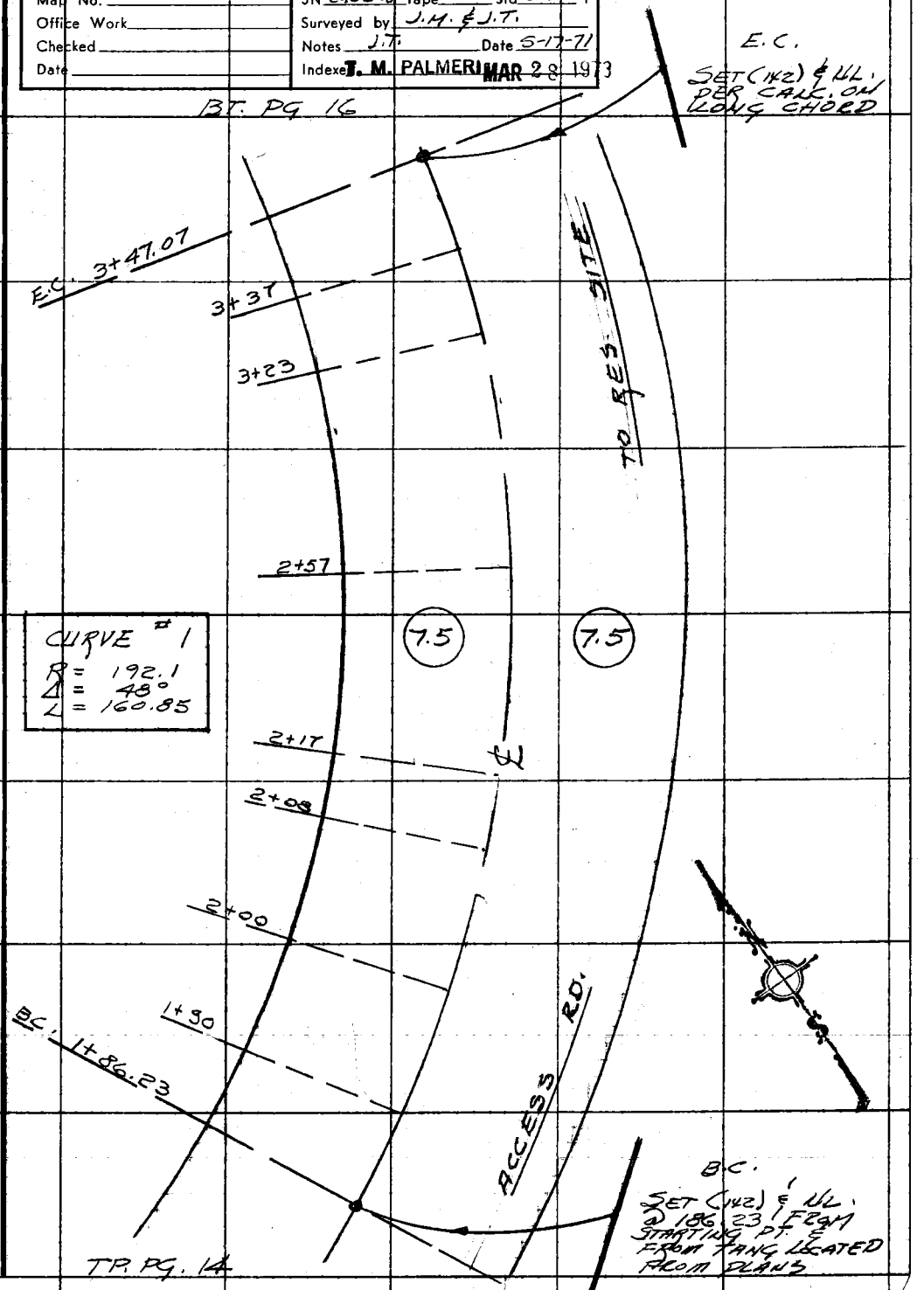
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of WWL #36 (ACCESS RD)
Map No.	JN 2908 15 Tape S Std 84 °F
Office Work	Surveyed by J.M. & J.T.
Checked	Notes J.T. Date 5-17-71
Date	Indexed T. M. PALMERI MAR 28 1973

F. B. 3863 PG. 15



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

Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3863 Pg. 16

BT. PG. 17

5+30

5+10

4+17

4+00

3+57

TO RES. SITE

ACCESS RD.

7.5

7.5

TP. PG. 15

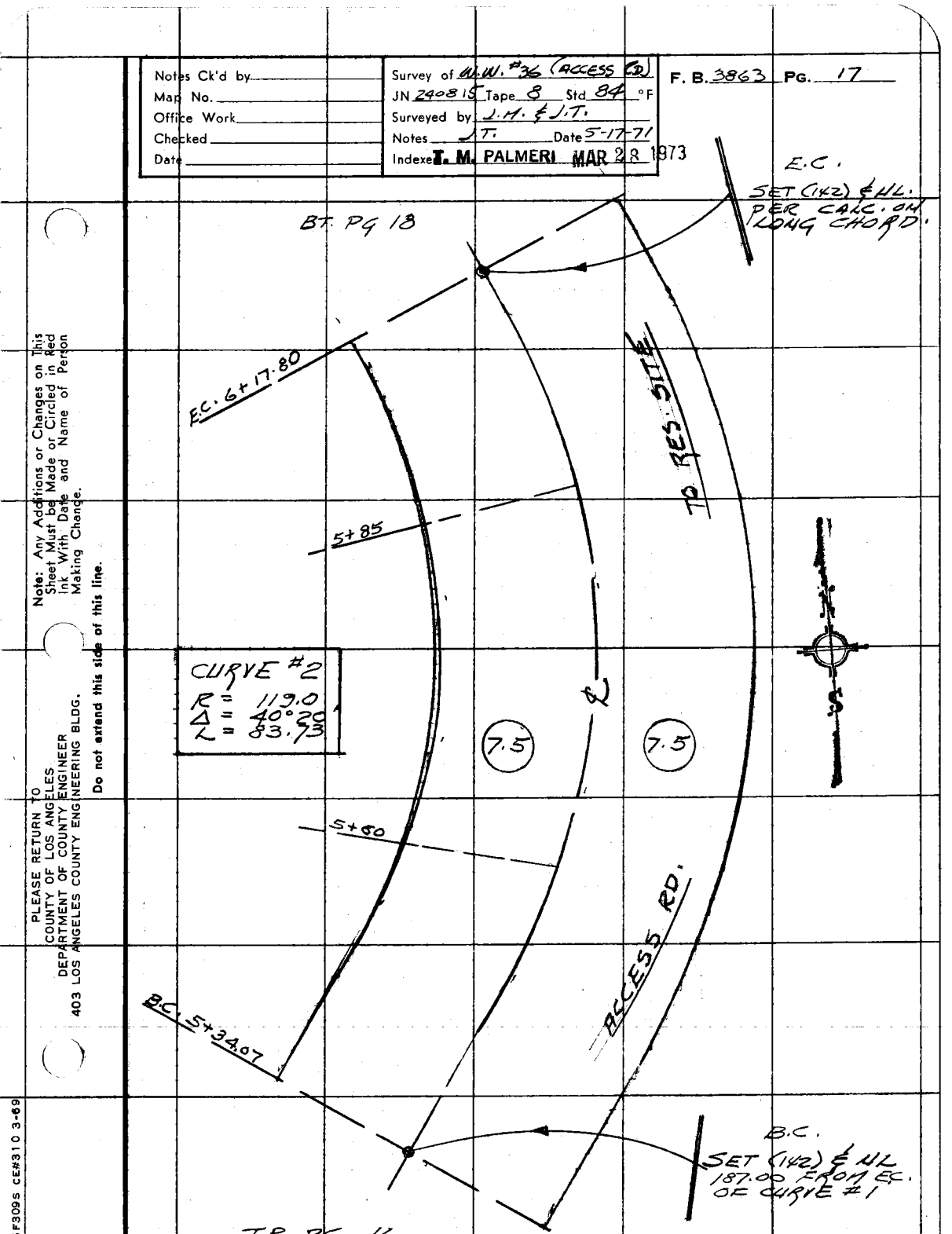
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this tide of this line.

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

Notes Ck'd by	Survey of W.W. #36 (ACCESS RD)
Map No.	JN 240815 Tape 8 Std 84 °F
Office Work	Surveyed by J.H. & J.T.
Checked	Notes J.T. Date 5-17-71
Date	Indexed T. M. PALMERI MAR 28 1973

F. B. 3863 PG. 17



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

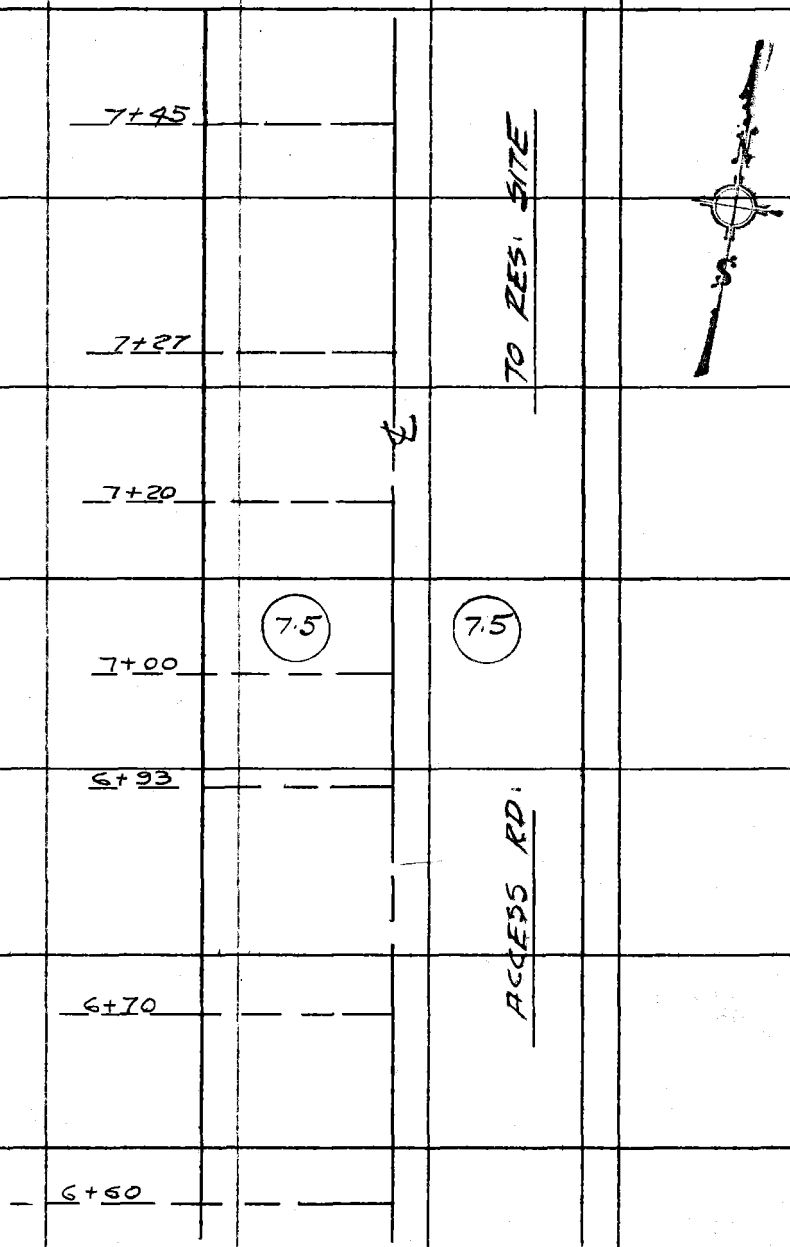
Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3863 PG. 18

BT. PG. 19



TP. PG 17

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

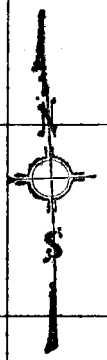
Do not extend this side of this line.

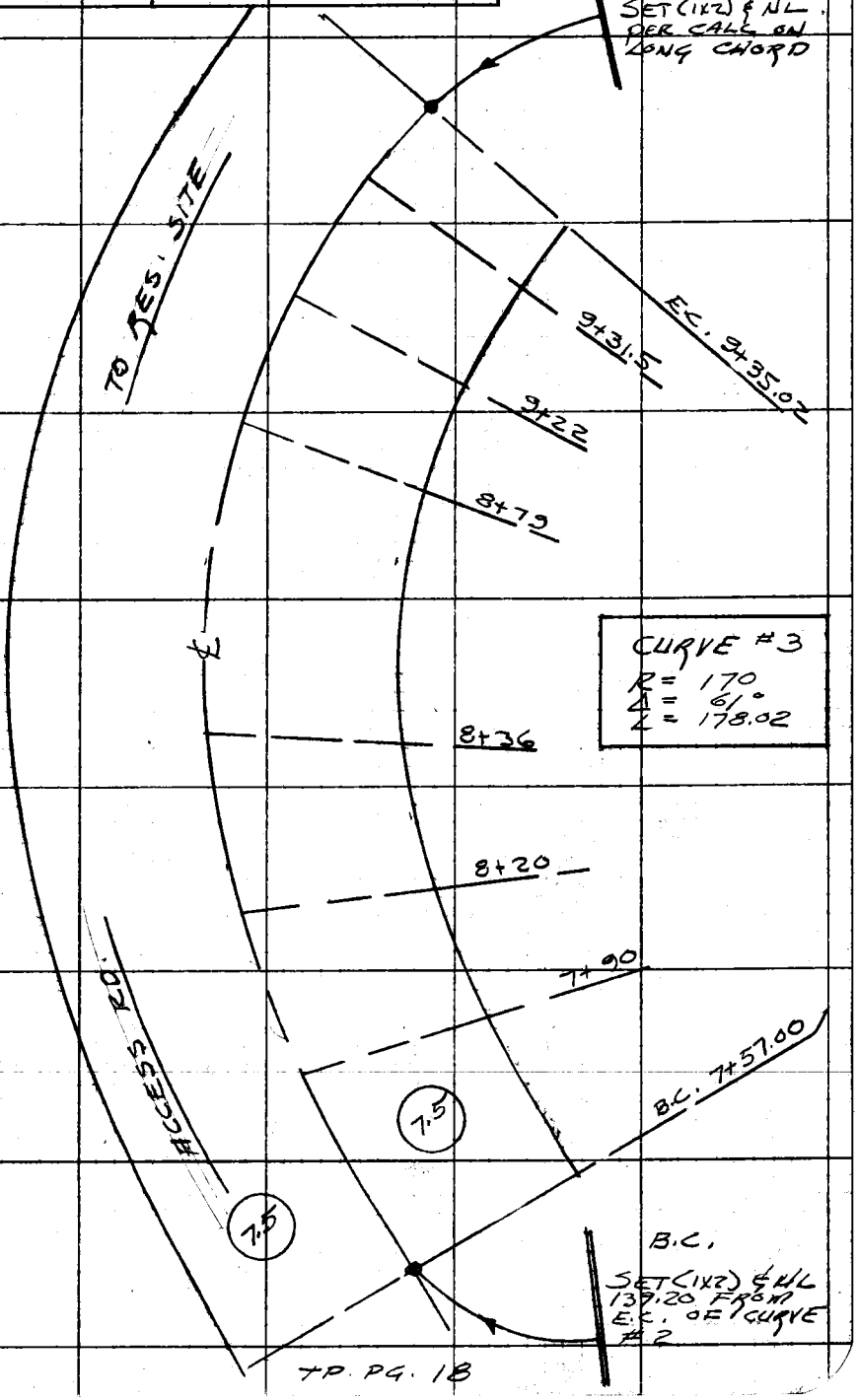
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Survey of W.W. #36 (ACCESS RD)
JN 240815 Tape B Std 84 °F
Surveyed by J.M. F J.T.
Notes J.T. Date 5-17-71
Indexed L. M. PALMER MAR 28 1973

F. B. 3863 Pg. 19





CURVE #3
R = 170
Δ = 61°
L = 178.02

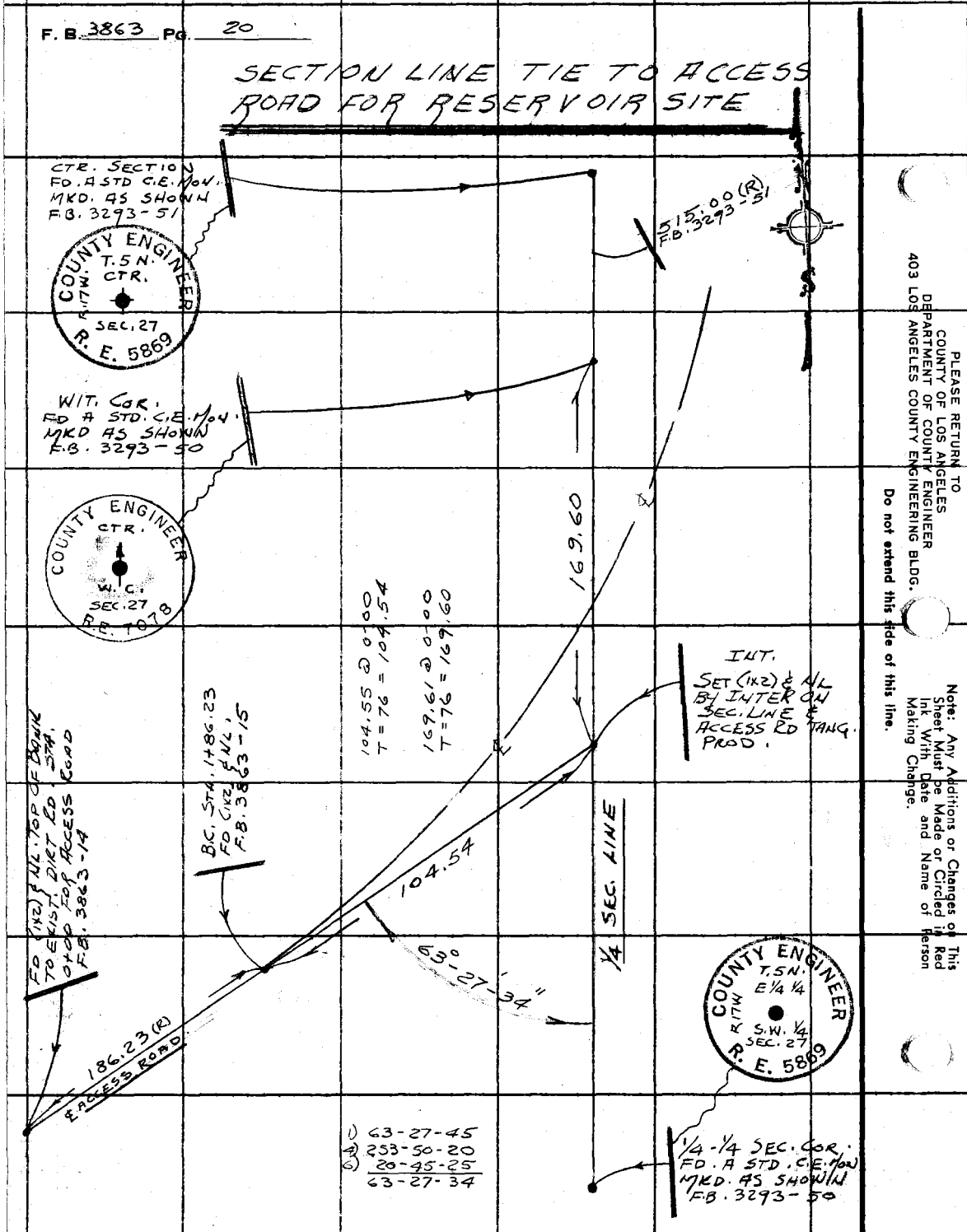
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3863 PG. 20

SECTION LINE TIE TO ACCESS ROAD FOR RESERVOIR SITE



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

Do not extend this side of this line.

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

F.B. 3863 Pg. 21

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 240815 Division No. ____
Survey of W.W. #36 (ACCESS RD)
X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by J.T. Notes J.T. Date 4-30-71
Map No. ____ Indexed M. PALMERI Date MAR 28 1973

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

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

WATERWORKS #36
VAL VERDE

GRADE STAKES FOR
ACCESS ROAD TO
RESERVOIR SITE

STATION	B.S.	H.I.	F.S.	ELEV.
		REF: PLANS PER C.I. 2408 SHEET 27 & 28 OF 40 FB. 3293	PARTY J. TERRANOVA C. ADAMS J. ZBYSENSKI	J. MENNE J. FALSEY J. MC DONOUGH P. PULSIFER

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

F.B. 3823 Pg. 22 | Job No 240815 Division No. | Notes Red | Date | Plotted | Profile
Survey of W.W. #36 (ACCESS RD) | Date | No. | X-Sec.
Survey by L.T. | Notes | Notes Chkd. | Checked
Indexed L. M. PALMER | Date 4-30-71 | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	GR.	LT.	RT.
1/4-1/4 COR.	11 11	1787 77		1776 66	1/4-1/4 COR.	EL = 1776.66	F.B. 3293-50 60
T.P.	11 82	1797 68	1 91	1785 86	STD. B.C. MON IN ROCK	MD. MKD. E 1/4-1/4	
T.P.	11 21	1805 29	3 60	1794 08	S.W. 1/4 SEC. 27	T5N-R17W	
T.P.	11 42	1815 19	1 52	1803 77			
T.P.	11 28	1824 37	2 10	1813 09			
0+07			8 48	1815 89	1806 05		℄ C 9.84 / 0.0
22' R TO RAD. PT.					1805.00		C 12.6 / 25.2
S.S.							
E.P.S.S.							5° - 0.5
S.S.							
R.P.S.S.							
0+20			7 13	1817 24	1808 00		℄ C 9.24 / 0.0
S.S.					1805.00		GRADE / 60'
R.P.S.S.							5° / +0.3
22' LT. S.S. RAD.						C 10.2 / 20.4	
R.P.S.S.						5° / +0.5	
0+27			7 15	1817 22	1809 05		℄ C 8.17 / 0.0
S.S.							
R.P.S.S.							
S.S.							
R.P.S.S.							

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	GR.	LT.	RT.
0+38		1824 37	7 46	1816 91	1810.70		℄ C 6.21 / 0.0
S.S.				1814.4			C - 3.7 / 14.9
R.P.SS.							5° - +0.8
S.S.				1816.9		C - 6.2 / 19.9	
R.P.S.S.						6.5 + 1.6	
0+50			7 94	1816 43	1812.50		℄ C 3.93 / 0.0
S.S.							
R.P. S.S.							
S.S.							
R.P. S.S.							
0+80			8 02	1816 35	1817.00		℄ F 0.65 / 0.0
S.S.				1813.9			F - 3.1 / 13.1
R.P. S.S.							5° - +0.8
S.S.				1816.9		F - 0.1 / 7.7	
R.P.S.S.						5° + 0.3	
1+00			7 09	1817 28	1820.00		℄ F 2.72 / 0.0
S.S.							
R.P. S.S.							
S.S.							
R.P. S.S.							

Profile Notes Red. ____ Plotted ____ Job No. 24081S Division No. ____
No. ____ Date ____ Date ____ Survey of W.W. # 36 (ACCESS RD)
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.T. Notes J.T. Date 4-30-71
No. ____ Date ____ Date ____ Map No. ____ Indexed M. PALMERI Date MAR 28 1973

F. B. 3[illegible]3 Pg. 23

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

P.B. 308 Pg. 24 | Job No. 24815 Division No. | Notes Red | Plotted | Profile
Survey of W.W. #36 ACCESS RD | Date | Date | No. | X-Sec.
Survey by J.T. | Notes | Notes Chkd. | Checked | No.
Indexed M. PALMERI | Date 4-30-71 | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	GR.	LT.	RT.
1+06		1824 37	6 76	181761	1820.30		℄ F 2.69 / 0.0
S.S.				1813 6			F- 6.7 / 20.9
R.P.S.S.							5° — +1.4
S.S.				1813.3		F-2.0/11 5	
R.P.S.S.						5° — 0.4	
1+49	8 14	1829 68	2 83	182/54	1822.45		℄ F 0.91 / 0.0
S.S.				1819.5			F-3.0 / 13 5
R.P.S.S.							5° — +0.9
S.S.				1822.4		F. 0.1 / 7.7	
R.P.S.S.						5° — -0.2	
BC. 1+86			4 96	182472	1824.31		℄ C 0.41 / 0.0
S.S.							
R.P.S.S							
S.S.							
R.P.S.S.							
1+90			483	182485	1824.50		℄ C 0.35 / 0.0
S.S.				1823.1			F- 1.4 / 10 3
R.P.S.S.							5° — +1.1
S.S.				1824.7		C-0.2/7.9	
R.P.S.S.						5° — +0.7	

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GR.	LT.	RT.
2+00		1829 68	4 60	1825 08	1825.00		℄ C 0.08/0.0
S.S.				1823 6			F-1.4/10.3
R.P.S.S.							5° – +1.3
S.S.				1824 8		F-0.2/7.9	
R.P. S.S.						5° – +0.3	
2+08			5 06	1824 62	1824 62		℄ GRADE
S.S.				1823.1			F-1.5/10.5
R.P. S.S							5° – +1.0
S.S.				1824.9		C-0.3/8.1	
R.P. S.S.						5° – +0.7	
2+17			5 96	1823 72	1824 20		℄ F 0.48/0.0
S.S.				1820.3			F-3.9/15.3
R.P.SS							5° – +1.5
S.S				1823.8		F-0.4/8.3	
R.P.SS						5° – +0.5	
2+50			8 53	1821.15	1822 63		℄ F 1.48/0.0
S.S.							
R.P.SS.							
S.S.							
RP SS							

Profile No. ____ Notes Red ____ Plotted ____ Job No. 240815 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. #36 (ACCESS RD)
Notes Chkd. ____ Checked ____ Survey by J.T. Notes J.T. Date 4-30-71
Date ____ Date ____ Map No. ____ Indexed T.M. PALMERI Date MAR 28 1973

F.B. 3 Pg. 25

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GR.	LT.	RT.
2+57		1829 68	8 41	1821 27	1822 30		℄ F 1.03 / 0.0
S.S.				1819.6			F-2.7 / 12.9
R.P. SS							5° — +1.5
S.S				1821.4		F- 0.9/9.3	
R.P. SS						5°- +0.6	
3+00			5 63	1824 05	1826 77		℄ F 2.72 / 0.0
S.S.				1825.3			F-1.5 / 10.5
R.P. SS.							5° — -0.5
S.S.				1820.3		F-6.5/20.5	
R.P. S.S.						5°- +1.0	
3+23			5 11	1824 57	1829 16		℄ F 4.59 / 0.0
S.S.				1826.8			F-2.4 / 12.3
R.P. S.S.							5°- -0.5
S.S.				1817.9		F-11.3/30.1	
R.P. SS.						5°- +1.7	
3+37			4 96	1824 72	1830.62		℄ F 5.90 / 0.0
S.S.				1826.6			F-4.0 / 15.5
R.P. SS							5° — -0.7
S.S.				1814.3		F-16.3/37.0@1.8:1	
R.P. SS.						5° — +2.8	

F.B. [illegible] PG. 26

Job No. 240815 Division No. Notes Red Plotted Profile

Survey of W.W. #36 (ACCESS RD) Date Date No. X-Sec.

Survey by J.T. Notes J.T. Notes Chkd. Checked

Indexed L. M. PALMERI Date 4-30-71 Date Date No.

76-L298 CE 307 3-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 240815 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. # 36 (Access Rd)
Notes Chkd. ____ Checked ____ Survey by J.T. Notes J.T. Date 4-30-74
Date ____ Date ____ Map No. ____ Index ____ Notes M. PALMIERI Date MAR 28 1975

F.B. [illegible] Pg. 27

STATION	B.S.	H.I.	F.S.	ELEV.	Gr.	Lt.	Rt.
℄ 3+47 07		1829 68	4 52	1825 16	1831.67		℄ F 6.51 / 0.0
S.S.							
R.P.S.S.							
S.S.							
R.P.S.S.							
3+57	12 07	1837 42	4 33	1825 35	1832 70		℄ F 7.35 / 0.0
S.S.				1815.8		F-16.9/37.9 ℄ 1.8.1	
R.P. S.S.						5° - +2.5	
S.S.				1826.1			F-6.6 / 20.7
R.P.S.S.							5° - +0.1
4+00			8 18	1829 24	1836 43		℄ F 7.19 / 0.0
S.S.				1823.2		F. 13.2/339	
R.P.S.S.						5° - +1.6	
S.S.				1827.6			F-8.8 / 25.1
R.P.S.S.							5° - +1.3
4+17			5 52	1831 90	1837 90		℄ F 6.00 / 0.0
S.S.				1828.8		F-9.1 / 25.7	
R.P.S.S.						5° - +1.3	
S.S.				1829.00			F-8.9 / 25.3
R.D. S.S.							5° - +1.1

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GR.	LT.	RT.
		1837 42					
T.P.	11 32	1847 86	0 88	1836 54			
4+50			10 45	1837 41	1840.76		℄ F 3.35 / 0.0
S.S.				1835.4		F-5.4/18.3	
R.P.S.S.						5° - +1.0	
S.S.				1835.3			F 5.5/18.5
R.P.S.S.							5° - +0.5
5+00			6 77	1841 09	1845.10		℄ F 4.01 / 0.0
S.S.							
R.P.S.S.							
S.S.							
R.P.S.S.							
5+10			6 80	1841 06	1845 97		℄ F 4.91 / 0.0
S.S.				1841.4			F 4.6 / 16.7
R.P.S.S.							5° - +0.2
S.S.				1828 7		F 17.3/33.4 @ 1:5:1	
R.P.S.S.						5° - +2.4	
5+30			4 85	1843 01	1847.70		℄ F 4.69 / 0.0
S.S.				1833 0		F 14.7 / 29.6 1:5:1	
R.P.SS.						5° + 2.7	

F.B. [illegible] Pg. 28
Job No. 240815 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of W.W. #36 (ACCESS RD) Date ____ Date ____ No. ____
Survey by J.T. Notes J.T. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed L. M. PALMERI Date 4-30-71 Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GR.	LT.	RT.
		184786					
S.S.				1843.2			F 4⁵/16⁵
R.P.S.S.							5° + 0⁶
B.C. 5+34 07			4 49	1843 37	1847.74		℄ F 4.37/0.0
S.S.							
R.P.S.S.							
S.S.							
R.P. S.S.							
5+ 60	10 37	185749	0 74	1847 12	1848.00		℄ F 0.88/0.0
S.S.				1845.0		F 3°/12°	
R.P.S.S.						5° + 1⁴	
S.S.				1848.0			GRADE / 7⁵/
R.P.S.S.							5° - 0²
5+85			6 00	1851 49	1848.26		℄ C 3.23/0.0
S.S.				1849.4		C 1¹/9⁷	
R.P.S.S.						5° + 1⁴	
S.S.				1853.0			C 4⁷/16⁹
R.P.SS							5° + 0¹

Profile No. ____ Notes Red ____ Plotted ____ Job No. 240815 Division No. ____ F.B. [illegible] PG. 29
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. # 36 (ACCESS RD)
Notes Chkd. ____ Checked ____ Survey by J.T. Notes J.T. Date 4-30-76
Date ____ Date ____ Map No. ____ Indexed J.M. PALMERI Date MAR 28 1973

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	GR.	LT.	RT.
6+00		185749	483	185266	184841		℄ C 4.25/0.0
S.S.				1850.0		C 1⁶/10⁷	
R.P.S.S.						5° + 1²	
S.S.				1853.9			C 5⁵/18⁵
R.P.S.S.							5° + 0³
EC. 6+17 80			472	185277	184858		℄ C 4.19/0.0
S.S.				1849.8		C 1²/9⁹	
R.P.S.S.						5° + 1⁶	
S.S.				1853.8			C 5²/17⁹
R.P.S.S.							5° + 0⁸
6+60			449	185300	184901		℄ C 3.99/0.0
S.S.				1849.7		C 0⁷/8⁹	
R.P.S.S						5° + 1⁸	
S.S.				1851.8			C 2⁸/13¹
R.P.S.S.							5° + 0⁶
6+70			427	185322	1849.11		℄ C 4.11/0.0
S.S.				1850.0		C 0⁹/9³	
R.P.S.S						5° + 2⁴	
S.S.				1852.4			C 3³/14¹
R.P.S.S.							5° + 2³

F.B. 3[illegible] PG. 30
Job No. 240815 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of W.W. #36 (ACCESS RD.) Date ____ Date ____ No. ____
Survey by J.T. Notes J.T. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed L. M. PALMERI Date 4-30-78 Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GR.	LT.	RT.
6+93		185749	482	185267	184935		℄ C 3.32/0.0
S.S.				1850.7		C 1³/10¹	
R.P.S.S.						5°+2⁶	
S.S.				18511			C 1⁷/10⁹
R.P.SS.							5°+1⁴
7+00			516	185233	184942		℄ C 2.91/0.0
S.S.				1850.8		C 1⁴/10³	
R.P.S.S.						5°+1⁰	
S.S.				18511			C 1⁷/10⁹
R.P.S.S.							5°+1³
7+20			555	185194	184961		℄ C 2.33/0.0
S.S.				18504		C 0⁸/9¹	
R.P.S.S.						5°+1²	
S.S.				18510			C 1⁴/10³
R.P.S.S.							5°+1⁴
7+27			547	185202	184968		℄ C 2.34/0.0
S.S.				1850.4		C 0⁷/8⁹	
R.P.S.S.						5°+2⁷	
S.S.				18514			C 1⁷/10⁹
R.P. S.S							5°+1⁶

Profile No. ____ Notes Red ____ Plotted ____ Job No. 240815 Division No. ____
Date ____ Date ____ Survey of W.W. #36 (ACCESS RD)
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by L.T. Notes L.T. Date 4-30-71
Date ____ Date ____ Map No. ____ Indexed T. M. PALMERI Date MAR 28 1973

F.B. 3[illegible] Pg. 31

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	GR.	LT.	RT.
7+45		1857 49	3 71	1853 78	1852 32		℄ C 1.46/0.0
S.S.				1851 6		F 0 7/8 6	
R.P.S.S.						5°+2 8	
S.S.				1853 6			C 1 3/10 1
R.P.S.S.							5°+1°
BC. 7+57	11 21	1866 90	1 80	1855 69	1854.07		℄ C 1.62/0.0
S.S.				1853 6		F 0 5/8 3	
R.P.S.S.						5°+2 3	
S.S.				1855.9			C 1 8/11 1
R.P.S.S.							5°+0 9
7+75			7 92	1858 98	1856.70		℄ C 2.28/0.0
S.S.				1856.7		GRADE/7 5	
R.P.S.S.						5°/+1°	
S.S.				1859.7			C 3°/13 5
R.P.S.S.							5°+0 7
7+90			4 20	1862 70	1858.23		℄ C 4.47/0.0
S.S.				1860.0		C 1 8/11 1	
R.P.S.S.						5°+2 4	
S.S.				1862 4			C 4 2/15 9
R.P.S.S.							5°+0 8

F.B. 3863 Pg. 32

Job No. 240815 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of W.W. #36 (ACCESS RD) Date ____ Date ____ No. ____
Survey by J.T. Notes J.T. Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed L. M. PALMERI Date 4-30-71 Date ____ Date ____ No. ____

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	GR.	LT.	RT
		1866 90					
T.P.	11 25	1877 83	0 32	1866 58			
8+20			7 96	1869 87	1861.30		℄ C 8.57 / 0.0
S.S.				1868 8		C 7⁵ / 22⁵	
R.P.S.S.						5° + 0⁶	
S.S.				1866 2			C 4⁹ / 17³
R.P.S.S.							5° + 1⁹
8+36			5 08	1872 75	1863.94		℄ C 8.81 / 0.0
S.S.				1874 4		C 10⁵ / 28⁵	
R.P.S.S.						5° + 0²	
S.S.				1867 6			C 3⁷ / 14⁹
R.P.S.S.							5° + 1⁹
8+79			4 65	1873 18	1871.04		℄ C 2.14 / 0.0
S.S.				1884.8		C 13⁸ / 28² (1.5/1)	
R.P.S.S.						5° − 1⁸	
S.S.				1866 0			F 7⁵ / 15⁰
R.P.S.S.							5° + 1⁴
9+22			1 05	1876 78	1878.13		℄ F 1.35 / 0.0
S.S.							
R.P. S.S.							

Profile No. ____ Notes Red ____ Plotted ____ Job No. 240815 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. #36 (ACCESS RD)
Notes Chkd. ____ Checked ____ Survey by J.T. Notes J.T. Date 5-4-71
Date ____ Date ____ Map No. ____ Indexed M. PALMERI Date MAR 28 1973

F.B. 3868 Pg. 33

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	GR.	LT.	RT.
S.S.		1877 83		18643			F 13⁸/28²
R.P.S.S.							5° + 2³
9+31.5			0 39	187744	1879.70		℄ F 2.26/0.0
S.S.							
R.P.S.S.							
S.S.							
R.P.S.S.							
9+38	6 57	1883 90	0 50	187733	1880.00		℄ F 2.67/0.0
S.S.							
R.P.S.S.							
S.S.				18620			F 18°/34⁵
R.P.SS.							5° + 2³
T.B.M.			395	187995	RES. PAD. ELEV. = 1880.00		
					3/4" I.P. & CAP SET @ RES. PAD		
					ELEV. F.B. 3863-8		

F.B. 3863 PG. 34

Job No. 240815 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of W.W. #36 (ACCESS RD) Date ____ Date ____ No. ____

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

Indexed I. M. PALMERI Date 5-4-71 Date ____ Date ____ No. ____

BOOSTER PUMP

Notes Ck'd by	Survey of W. WORKS No. 36
Map No.	JN 2408.15 Tape 8 Std 84 °F
Office Work	Surveyed by J.D. MENNE
Checked	Notes J.D.M Date 4-28-71
Date	Indexed I. M. PALMERI MAR 28 1973

F. B. 3863 PG. 35

BOUNDARY

OF

BOOSTER PUMP STATION

OF

HASLEY CANYON ROAD

J. N. 2408.15

WATER WORKS DISTRICT

NO. 36

MENNE

FALSEY

~~ALDOUGH~~

PULSIFER

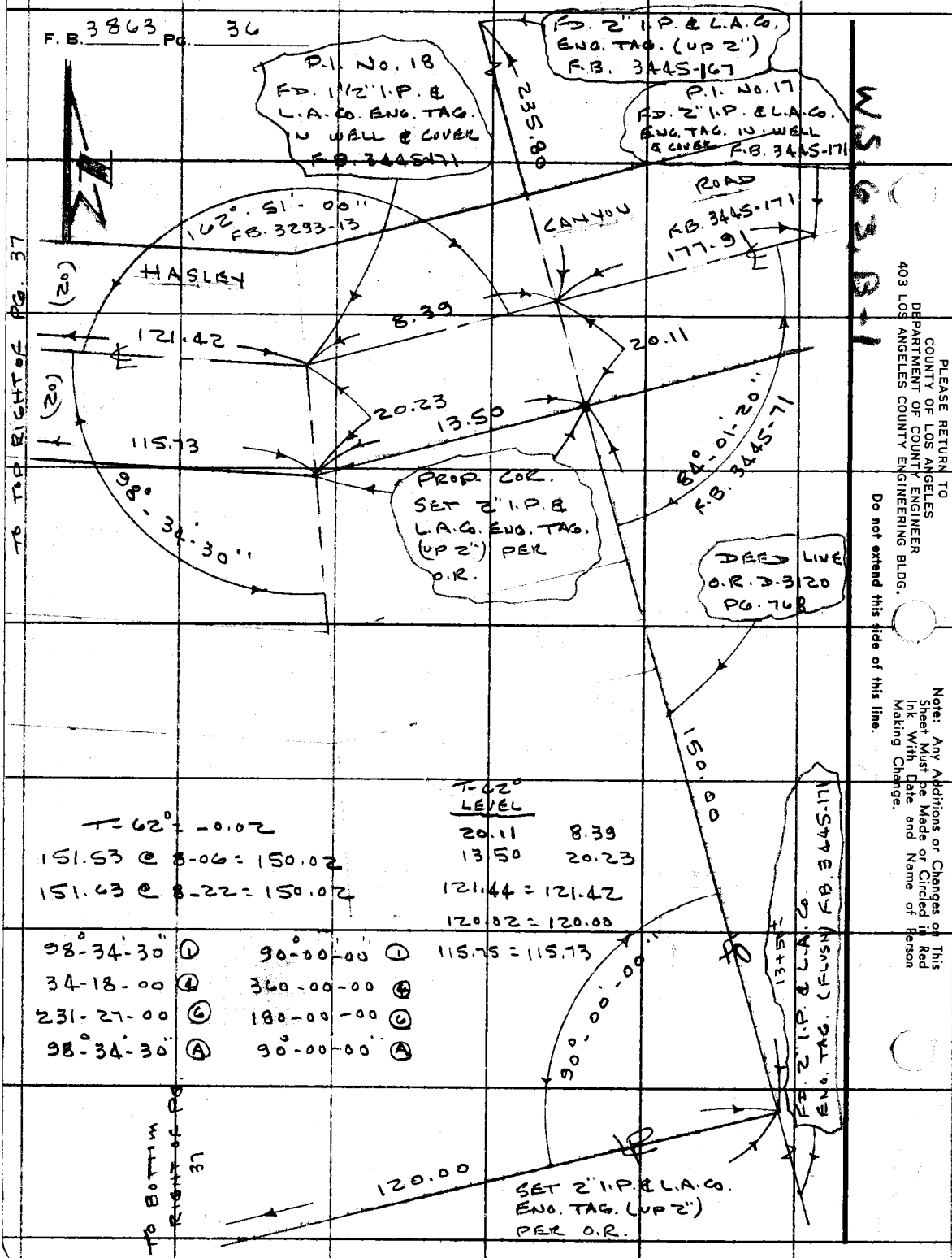
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend this side of this line.

76F309s CE#310 3-69

F. B. 3863 PG. 36



T = 62° ± 0.02

151.53 @ 8.06 = 150.02

151.63 @ 8.22 = 150.02

98°-34'-30" (1)	90°-00'-00" (1)
34-18-00 (4)	360-00-00 (4)
231-27-00 (6)	180-00-00 (6)
98°-34'-30" (A)	90°-00'-00" (A)

T-42° LEVEL

20.11	8.39
13.50	20.23

121.44 = 121.42

120.02 = 120.00

115.75 = 115.73

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

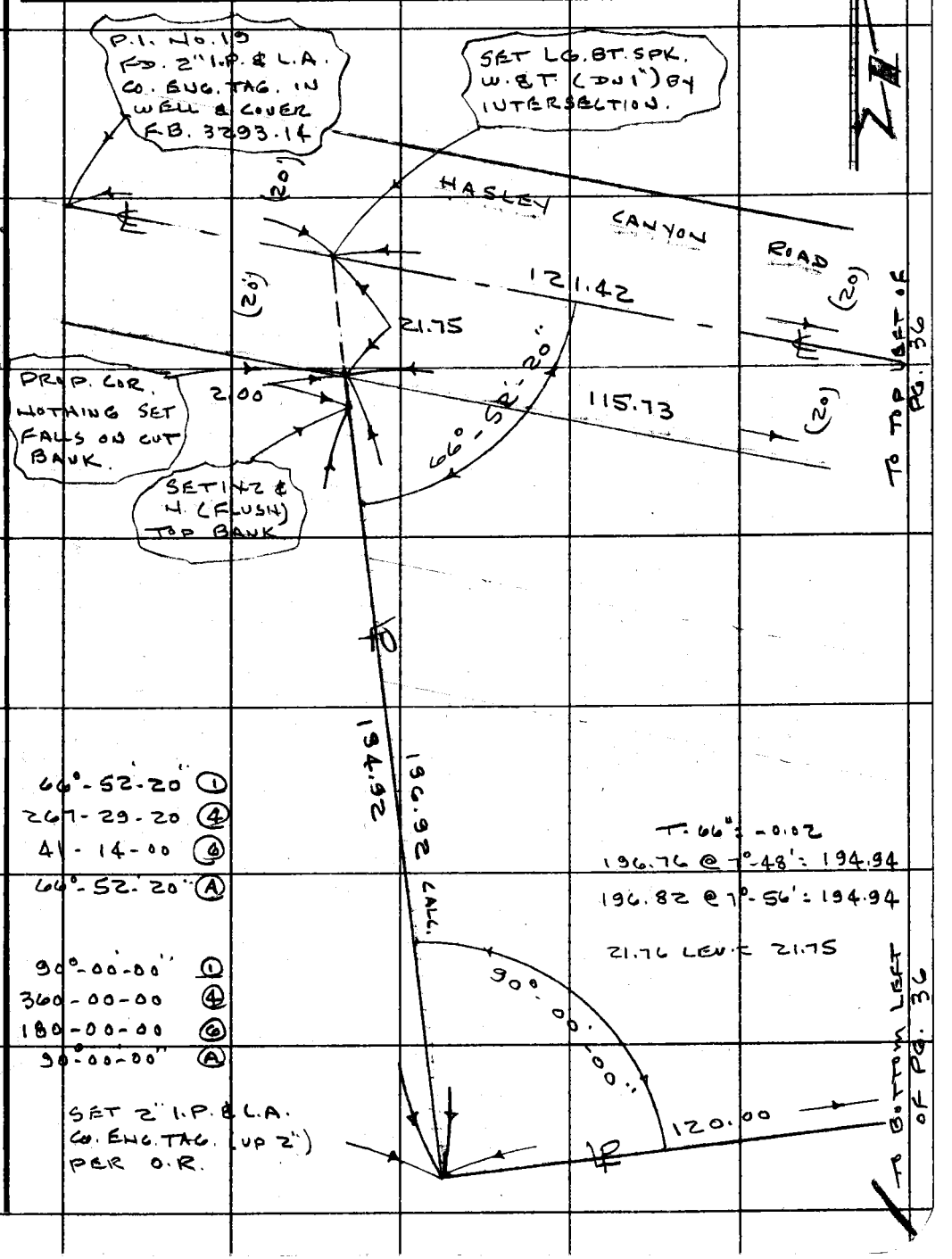
Do not extend this side of this line.

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

BOOSTER PUMP

Notes Ck'd by	Survey of W. WORKS No. 36
Map No.	JN 2408.15 Tape 8 Std 84 °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M Date 4-28-71
Date	Indexed T. M. PALMERI MAR 28 1973

F. B. 3863 PG. 37



66°-52'-20" (1)
267-29-20 (4)
41-14-00 (6)
66°-52'-20" (A)

90°-00'-00" (1)
360-00-00 (4)
180-00-00 (6)
90°-00'-00" (A)

SET 2" I.P. & L.A.
CO. ENG. TAG. (UP 2")
PER O.R.

T. 66° = -0.02
196.76 @ 7°-48' = 194.94
196.82 @ 7°-56' = 194.94
21.76 LEV. = 21.75

W.S. 63 B

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

Do not extend this side of this line.

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

76F309S CE#310 3-69

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

Survey of WATERWORKS #36
JN 2408.15 Tape Std °F
Surveyed by J.T. & J.M.
Notes J.T. Date 4-27-71
Indexed M. PALMERI MAR 28 1973

F. B. 3863 Pg. 39

WATERWORKS #36

VAL VERDE

GRADE STAKES FOR BOOSTER PUMPING STATION

J.N. 2408.15

REF:

PLANS PER C.I 2408
SHEET 35 OF 40
F.B. 3293

PARTY
J. TERRANOVA
C. ADAMS
J. ZBYSZENSKI

PARTY
J. MENNE
FALSEY
J. McDONOUGH
R. PULSIFER

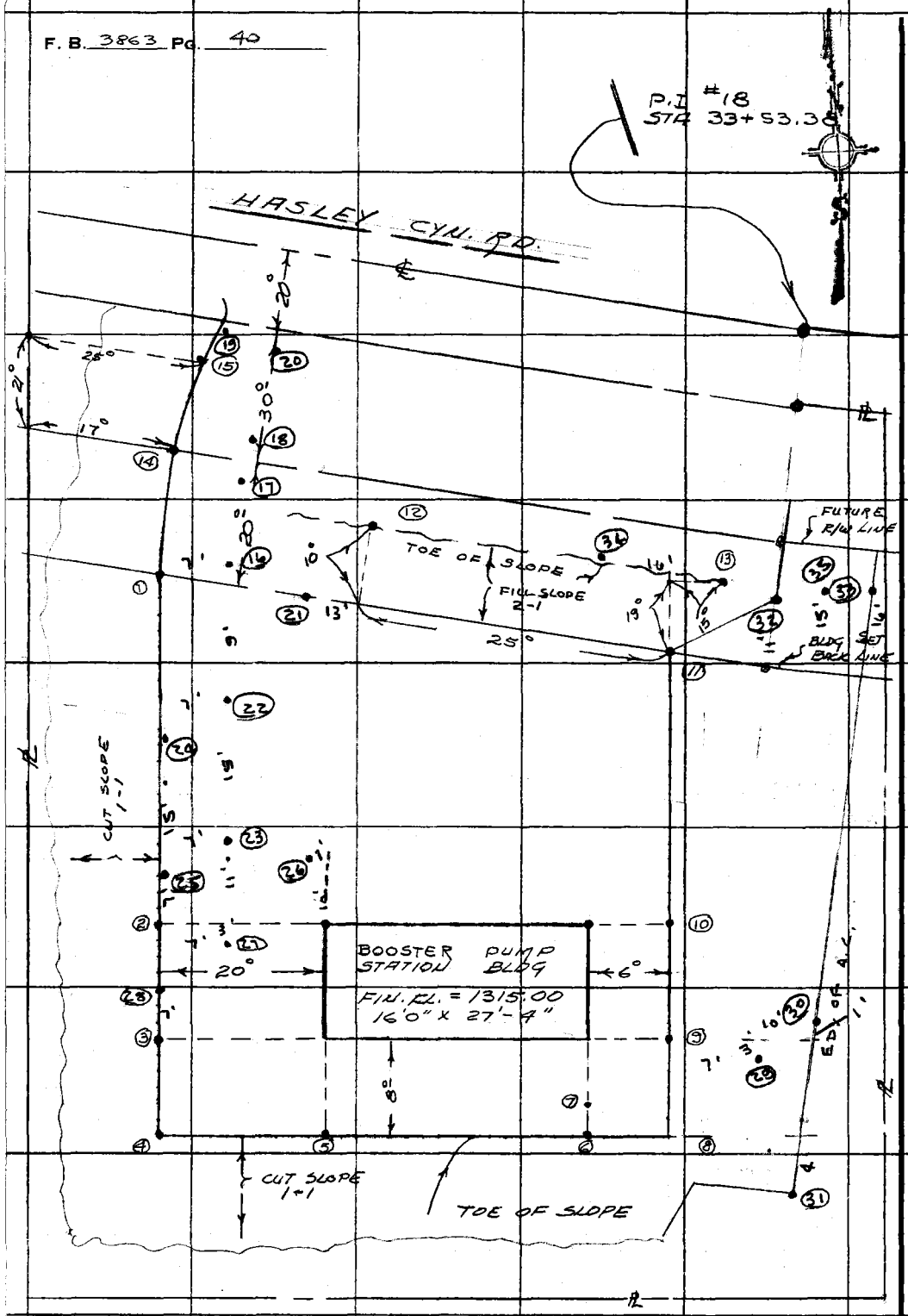
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3863 Pg. 40



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

Do not extend this side of this line.

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

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C. OR F.	R.P.S.S.
BM.-P-56A				1337 63		CE. MAN UP 6", 5' WEST OF P.P. #726031 E. ON S.W. SIDE OF HASLEY CYN. RD. F.B. 2901-100	
1				1314 5	1311.3	C 3^2 - 3^2	5^0 - 1^0
2				1318 6	1313.6	C 5^6 - 5^6	5^0 - 0^6
3				1320 9	1314.6	C 7^5 - 7^5	5^0 - 0^6
4				1321 8	1315.0	C 7^9 - 7^9	5^0 - 1^0
5				1319 8	1314.0	C 6^7 - 6^7	[illegible] - 0^8
6				1317 5	1313.4	C 4^8 - 4^8	5^0 - 0^5
7				~	~		
8				~	~		
9				1315 2	1314.0	C 1^2 - 1^2	5^0 + 1^3
10				1313 2	1314.0	F 2^2 - 4^4	5^0 - 1^0
11				1311 3	1314.0	F 4^1 - 8^2	5^0 - 1^4
12				1311 0	1311.0	GRADE	5^0 + 0^9
13				1309 4	1310.0	F 0^6 - 1^2	5^0 + 0^8
14				1312 6	1310.0	C 2^6 - 2^6	5^0 - 0^7
15				1309 2	1307.3	C 1^9 - 1^9	5^0 - 0^6
N.W. COR.				1316 4	1315.0	C - 1^4	
N.E. COR.				1314 0	1315.0	F - 1^0	

LENKER ROD USED

Profile No. ____ Notes Red ____ Plotted ____ Job No. 240815 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of W.W. #36 (BOOSTER PUMPING STA.)
Notes Chkd. ____ Checked ____ Survey by J.T. & J.H. Notes J.T. Date 4-27-71
Date ____ Date ____ Map No. ____ Indexed M. PALMERI Date MAR 28 1973

F.B. 3863 Pg. 41

ROMERO CANYON

Notes Ck'd by	Survey of W. WORKS NO. 36
Map No.	JN 2408.15 Tape 8 Std 94 °F
Office Work	Surveyed by
Checked	Notes J.P.M. Date 5-71
Date	Indexed I. M. PALMERI MAR 28 1973

F. B. 3863 PG. 43

8" WATER LINE

OF

ROMERO CANYON

0+00

@

HASLEY CANYON ROAD

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

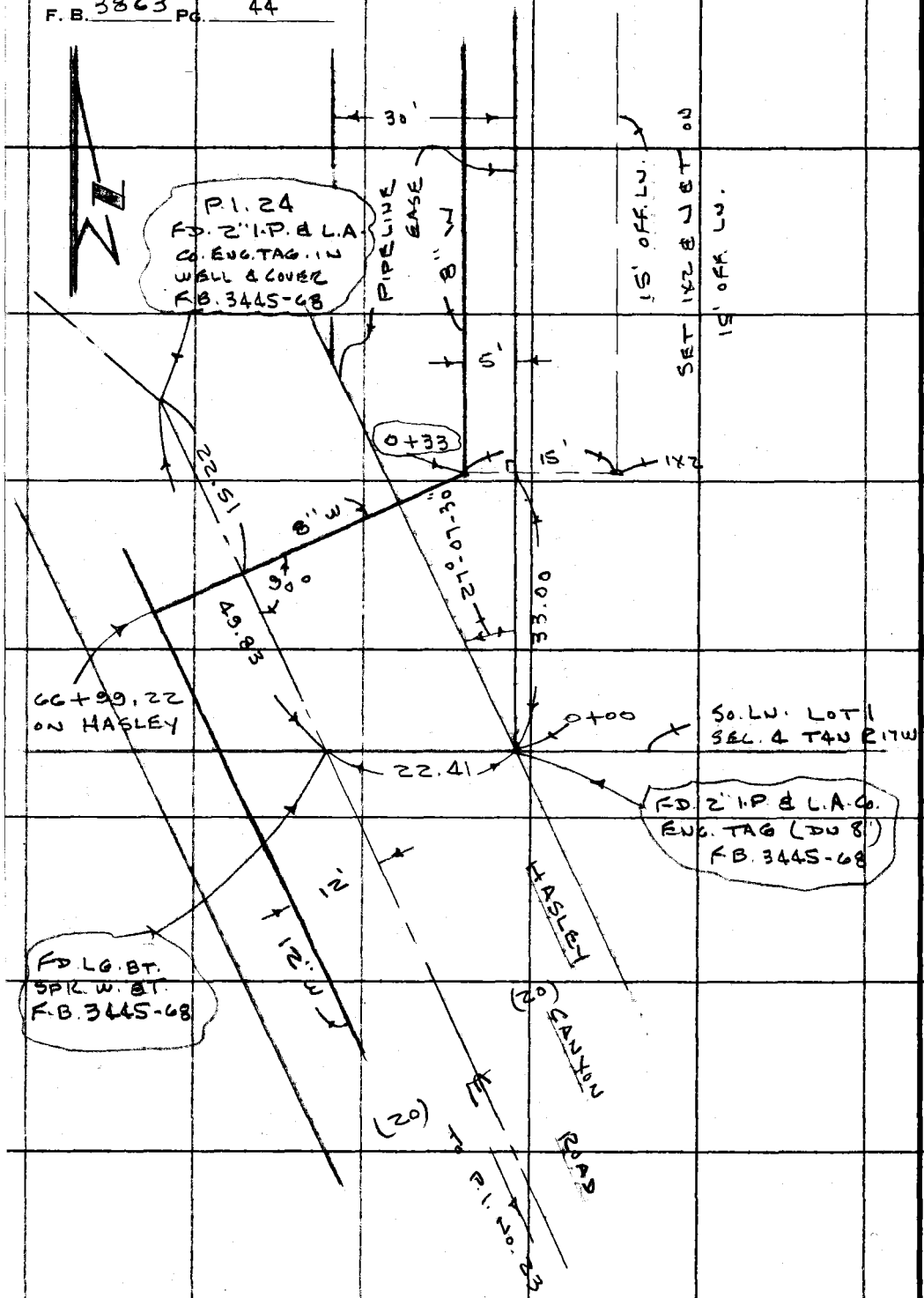
Do not extend this side of this line.

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

76F309S CE#310 3-69

TO BOTTOM OF PG. 45

F. B. 3863 PG. 44



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

Do not extend this side of this line.

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

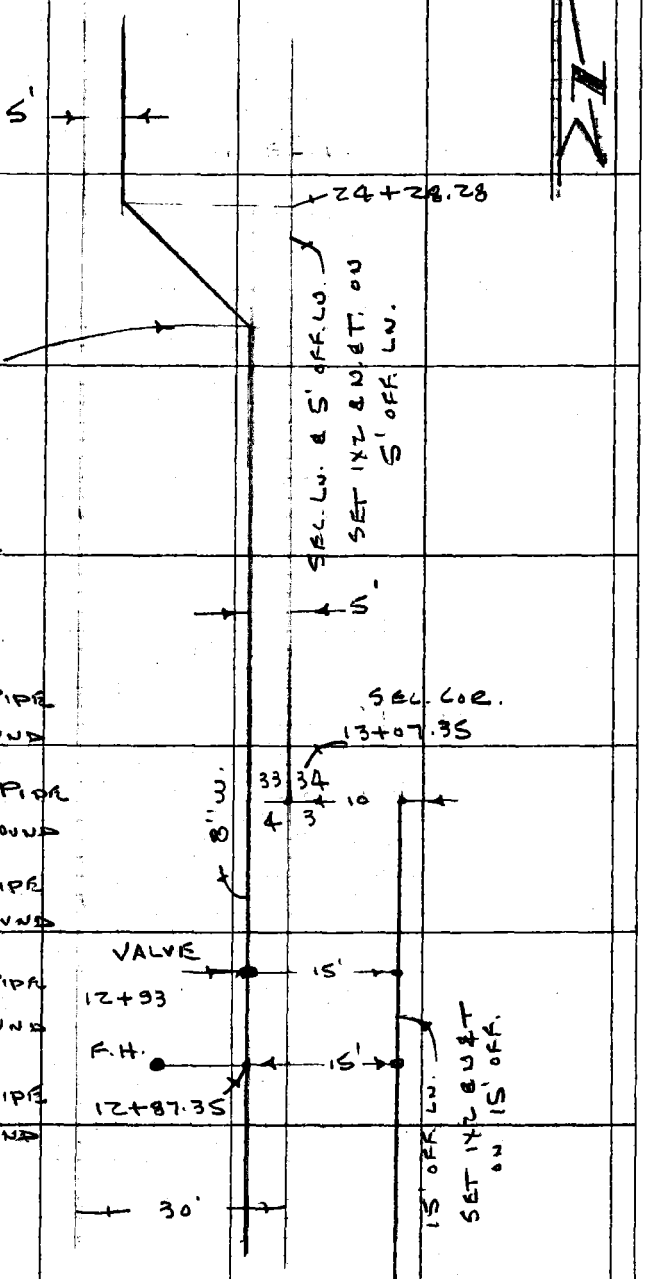
ROMERO CANYON

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

Survey of W. WORKS No. 36
JN 2408.15 Tape 8 Std 84 °F
Surveyed by
Notes J.P.M. Date 5-71
Indexed J. M. PALMERI MAR 28 1973

F. B. 3863 PG. 45

TO BOTTOM OF PG. 46



SEE PG. 44

ELEV. ON 8" WELDED WATER LINE ON ROMERO CANYON
EL: 1386.71 — T.B.M.-2
F.B. 3293-176

STA.	ELEV.	REMARKS
0+45	1377.6	TOP 8" PIPE
	1385.1	TOP GROUND
2+00	1379.9	TOP 8" PIPE
	1385.9	TOP GROUND
4+00	1386.9	TOP 8" PIPE
	1392.9	TOP GROUND
6+00	1391.5	TOP 8" PIPE
	1397.9	TOP GROUND
8+00	1400.7	TOP 8" PIPE
	1406.7	TOP GROUND

TO TOP OF PG. 44

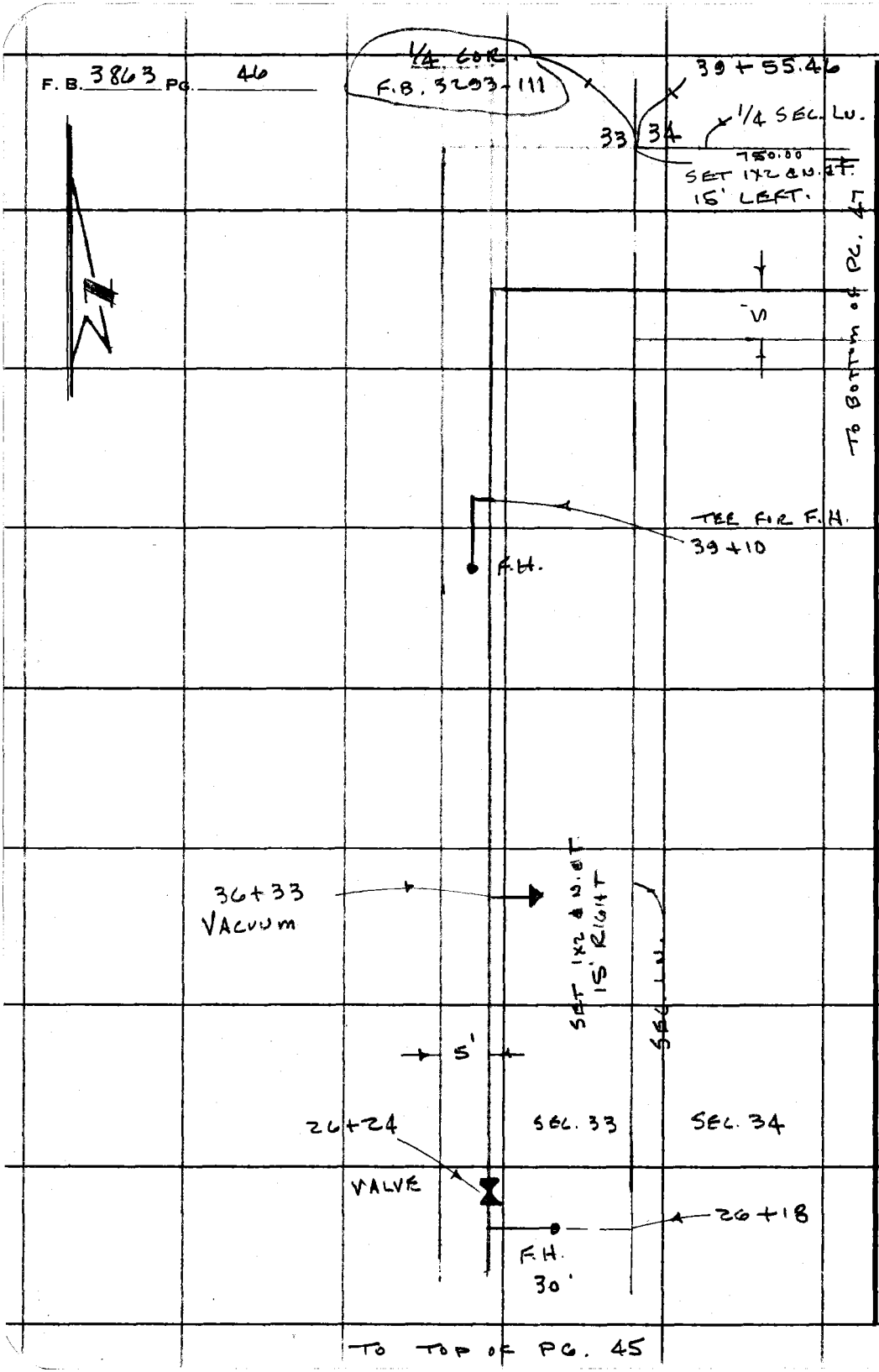
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3863 PG. 46



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

Do not extend this side of this line.

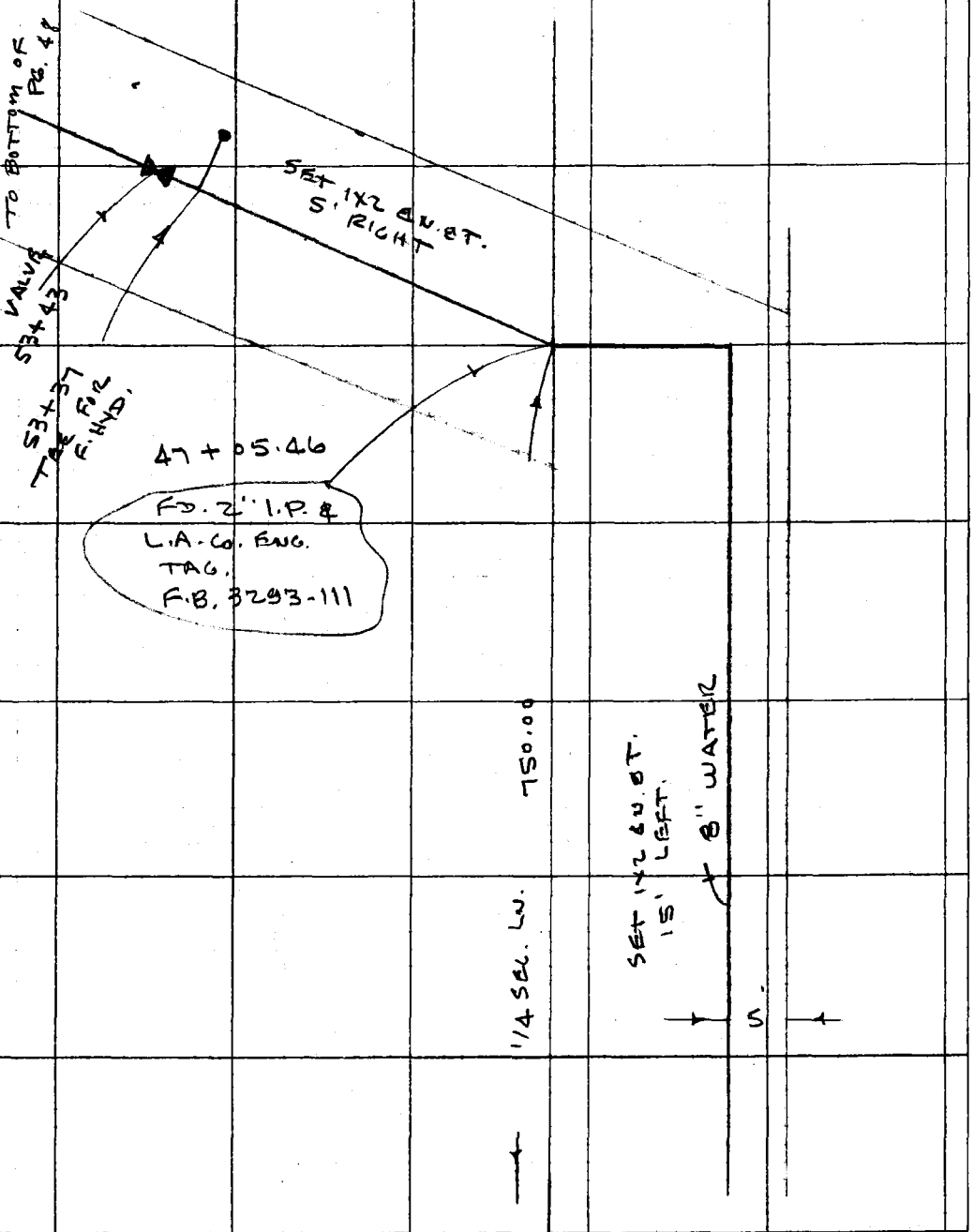
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

ROMERO CANYON

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

Survey of W. WORKS No. 36
JN 2408.15 Tape 8 Std 84 °F
Surveyed by J.P. MENNE
Notes J.P.M Date 5-71
Indexed J. M. PALMERI MAR 28 1973

F. B. 3863 PG. 47



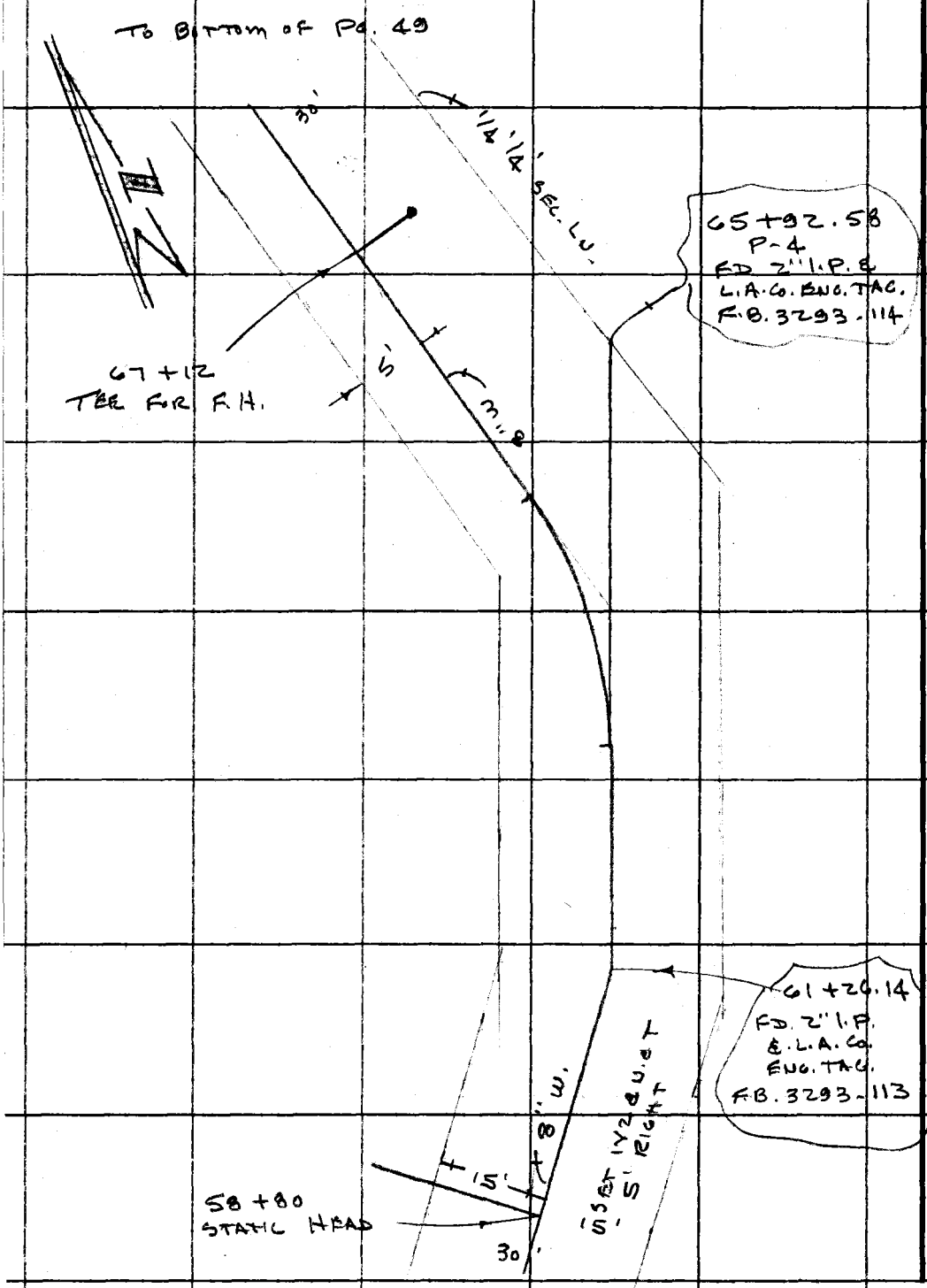
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309s CE#310 3-69

F. B. 3863 PG. 48



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

Do not extend this side of this line.

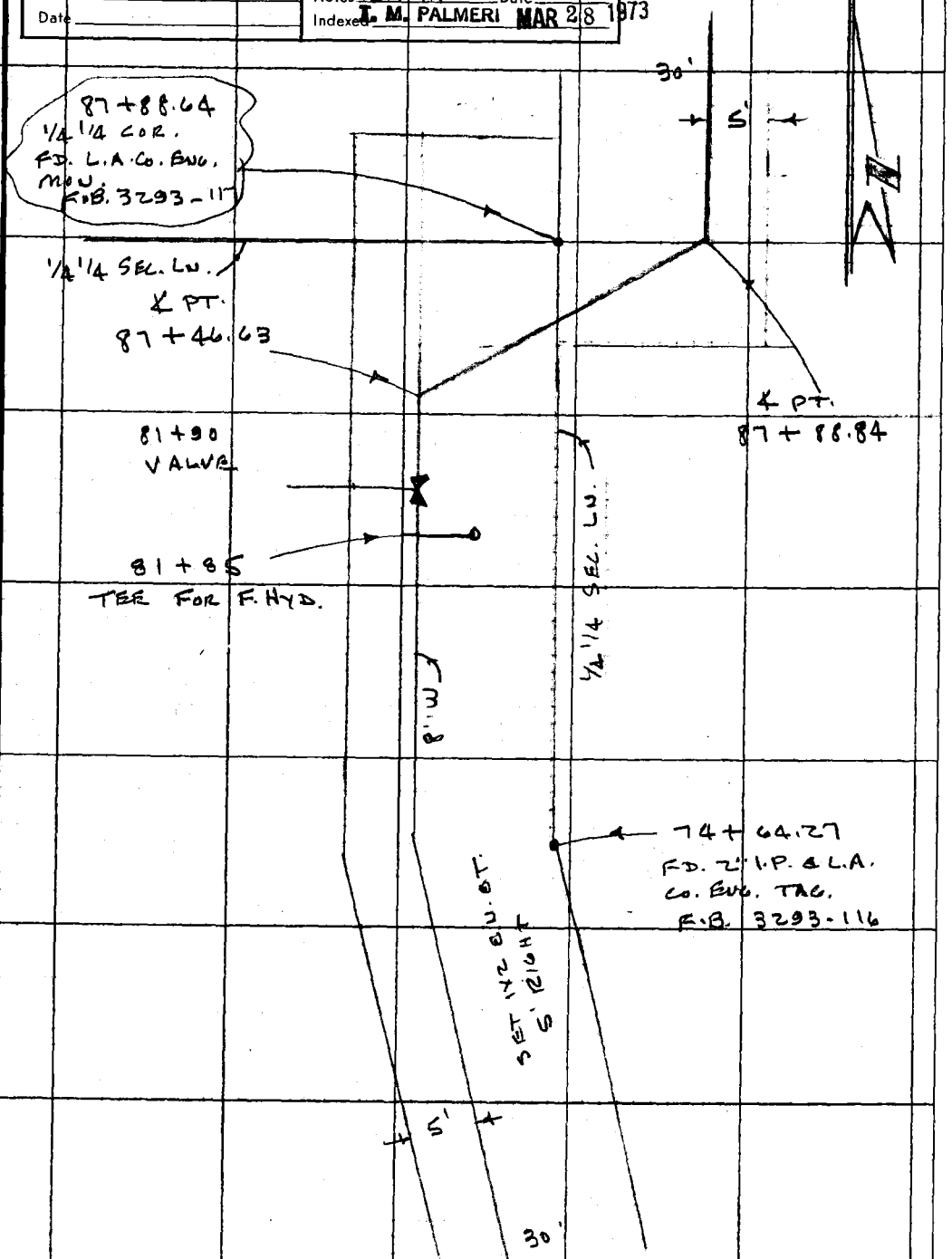
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

ROMERO CANYON

Notes Ck'd by	Survey of W. WORKS No. 36
Map No.	JN 2408.15 Tape 8 Std 84 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 5-71
Date	Indexed T. M. PALMERI MAR 28 1973

F. B. 3863 PG. 49

TO BOTT. RIGHT OF PG. 50



TO TOP OF PG. 48

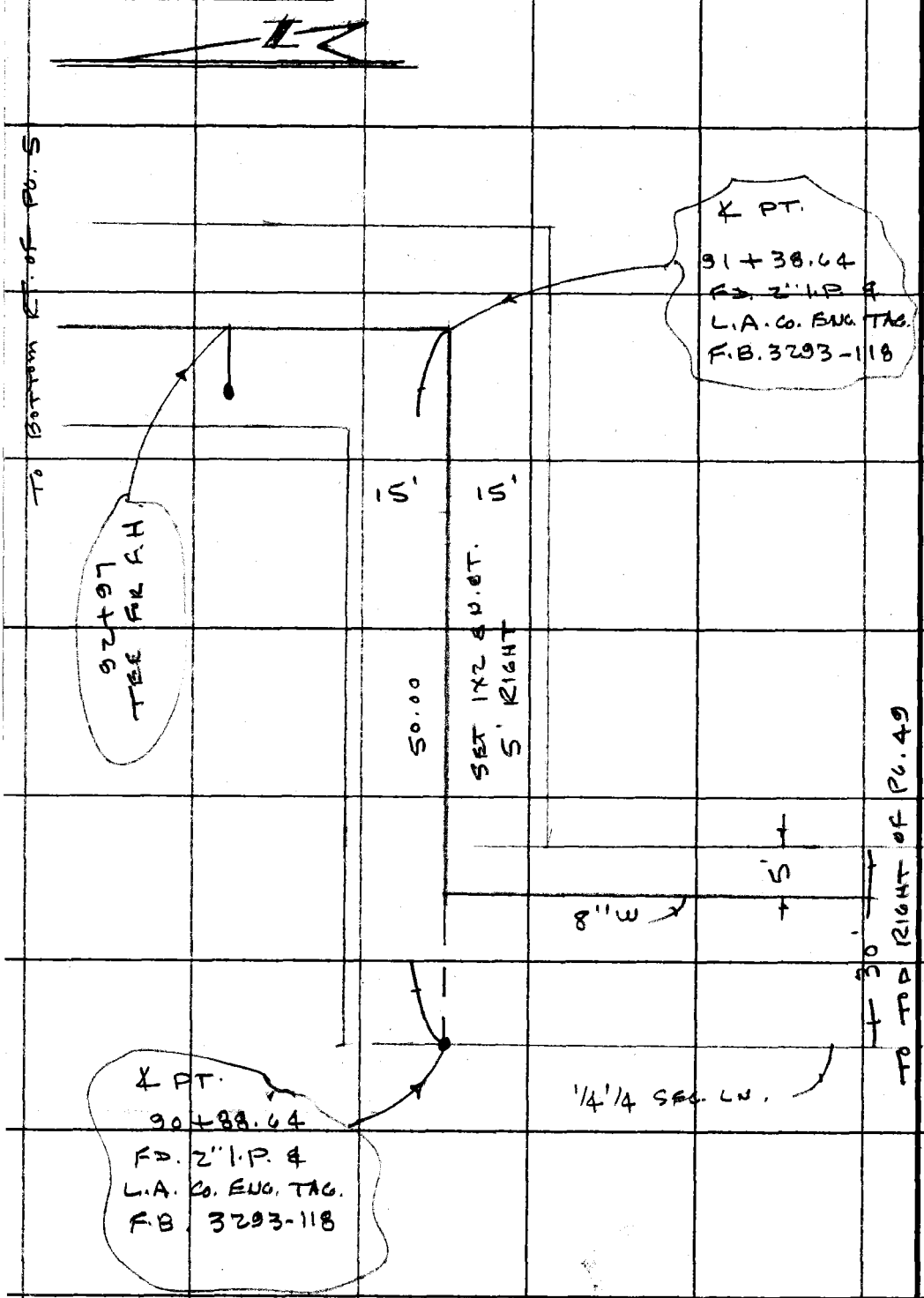
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3863 Pg. 50



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

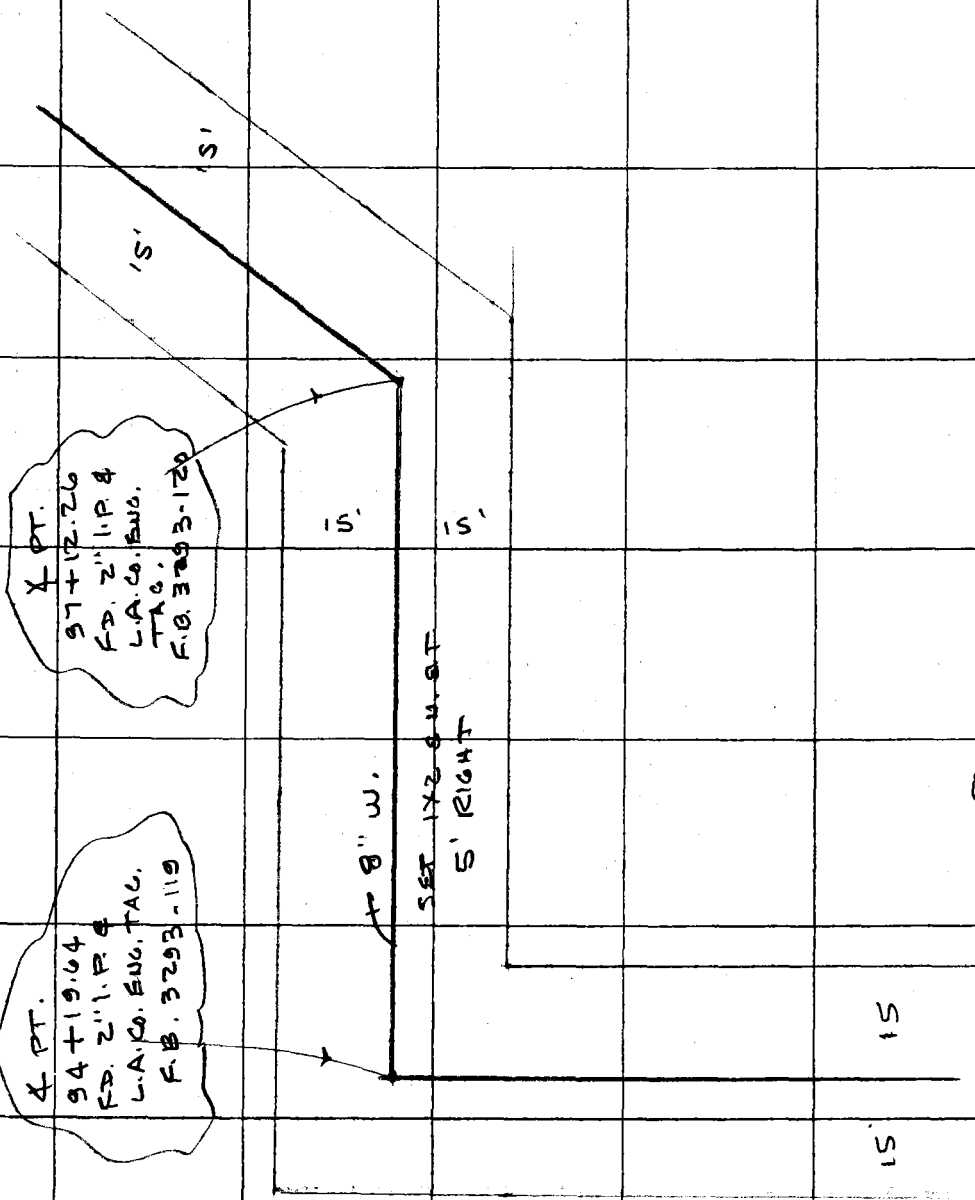
Do not extend this side of this line.

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

ROMERO CANYON

Notes Ck'd by	Survey of W. WORKS NO. 36
Map No.	JN 2408.15 Tape 8 Std 84 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M Date 5-71
Date	Indexed T. M. PALMERI MAR 28 1973

F. B. 3863 PG. 51

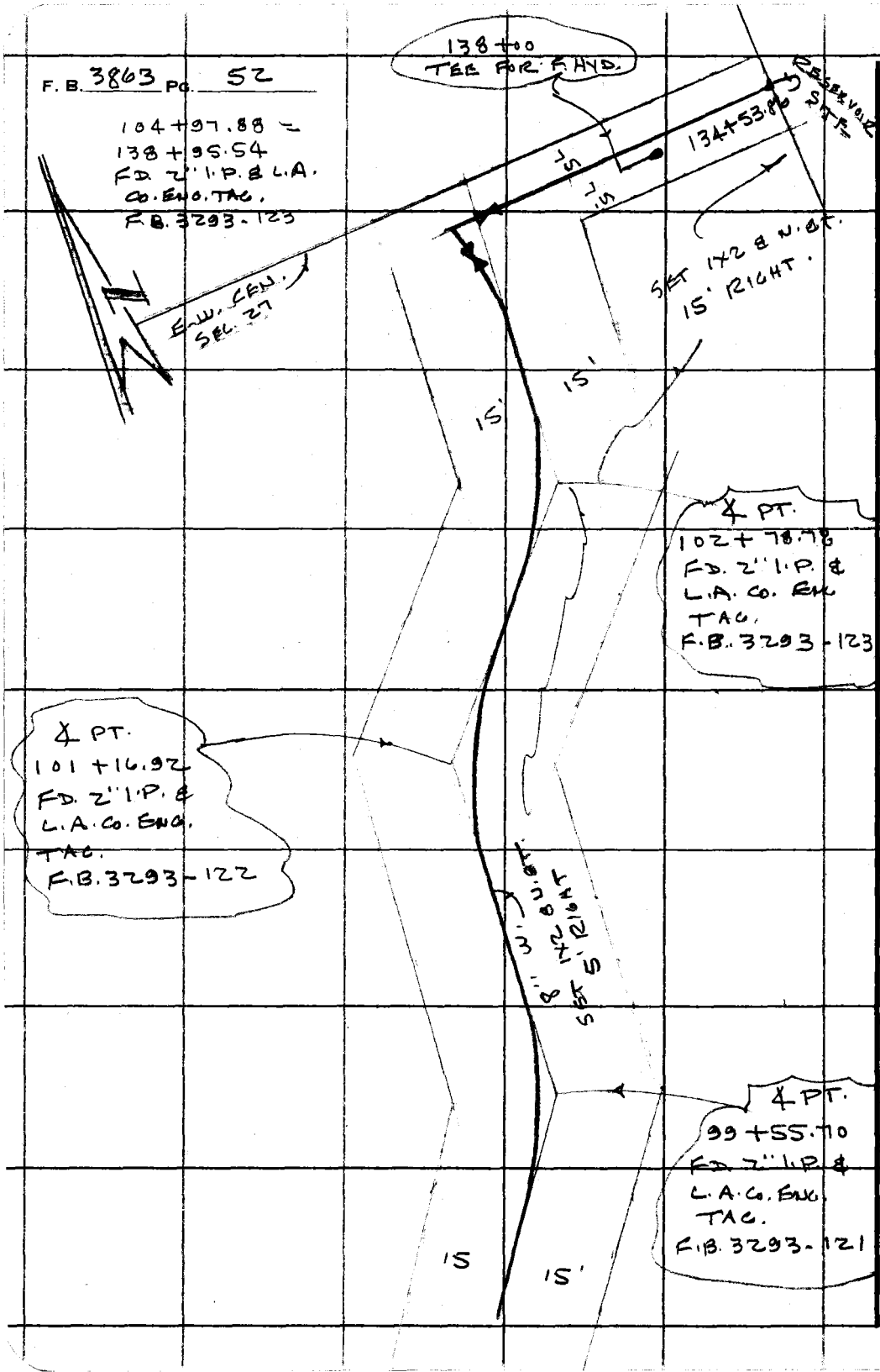


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Do not extend this side of this line.

76F309S CE#310 3-69



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

Do not extend this side of this line.

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

SLOAN CANYON

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

Survey of W. WORKS No. 36
JN 2408.15 Tape 8 Std 84 °F
Surveyed by J.P. MENNE
Notes J.P.M Date 5-71
Indexed T. M. PALMERI MAR 28 1973

F. B. 3863 PG. 53

8" WATER LINE

ON

SLOAN CANYON ROAD

0+88 ON SLOAN CAN.

=

41+93 ON HASLEY CAN. RD.

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

Do not extend this side of this line.

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

76F309S CE#310 3-69

TO BOTTOM OF PG. 55

F. B. 3863 PG. 54

ELEV. ON 8" WATER LINE ON SLOWN CANYON

ELEV = 1323.50
PI # 20 HASLEY CANYON RD.
FB 3293-171

STA	ELEV.	REMARKS
1+24	1316.4 1322.9	Top 8" GRD
2+00	1315.0 1322.0	Top 8" GRD
2+84	1313.3 1320.3	Top 8' GRD
3+61	1314.4 1322.9	Top 8" GRD
4+45	1312.8 23.3	Top 8" GRD
5+79	1318.0 1322.5	Top 8" Pipe Top Ground

SLOAN CAN. RD.

8" WATER SET 1½ E OF ℄ 5' RIGHT

20' 5'

30'

℄ PT. 1+13 = 1+24 SET BY INTERSECTION

P.I. 21

FD LG. BT. SPK. W. AT. F.B. 3293-223

90°

HASLEY CANYON ROAD

87.60

41+93 HASLEY = 0+88 SLOAN

P.I. 20
41+05.40
FD. 2" I.P. & L.A. CO. ENG. TAG.
F.B. 3445-80

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

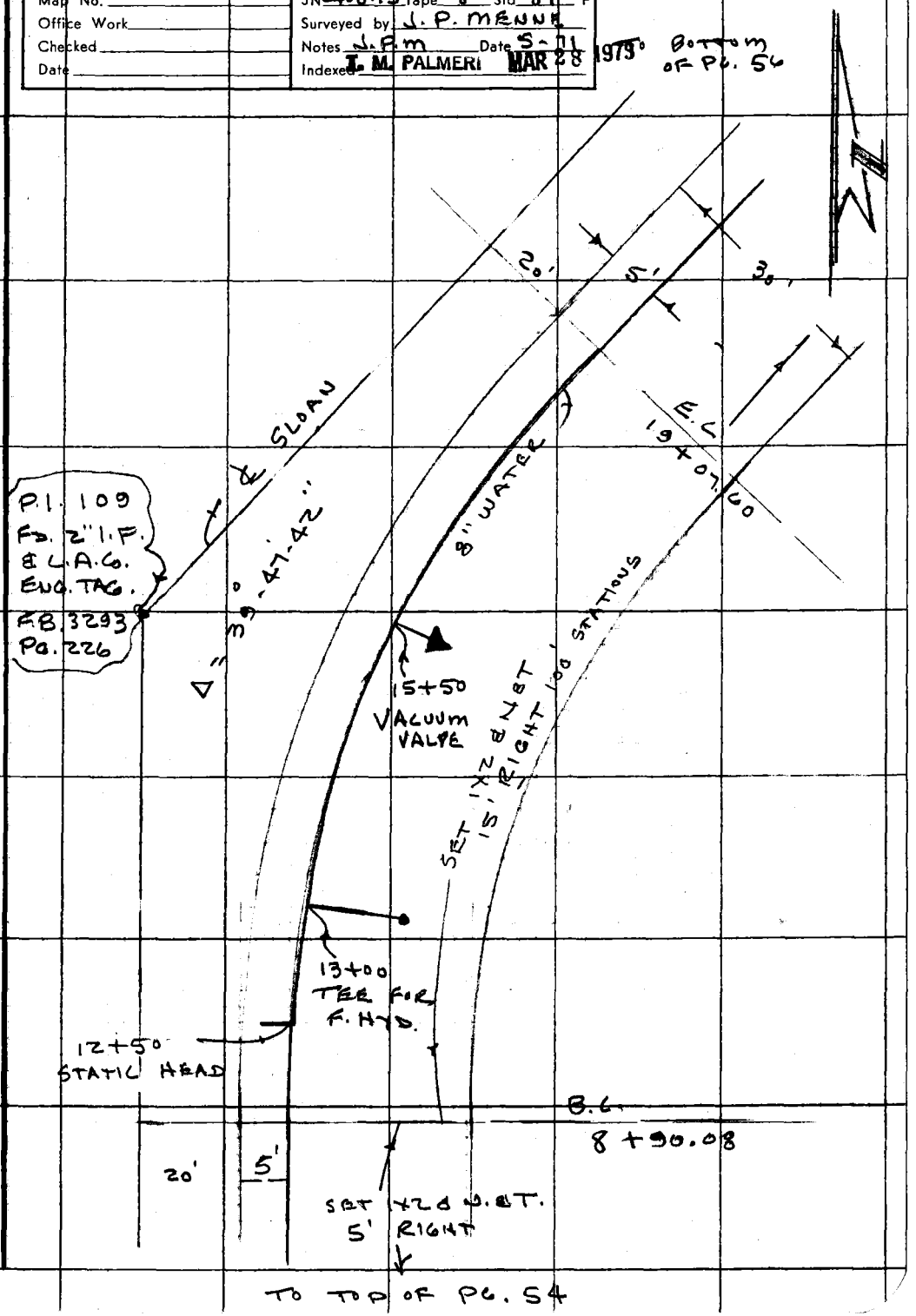
Do not extend this side of this line.

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

SLOAN CANYON

Notes Ck'd by	Survey of W. WORKS NO. 36
Map No.	JN 2408.15 Tape 8 Std 84 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M Date 5-71
Date	Indexed T. M. PALMERI MAR 28 1979

F. B. 3863 PG. 55



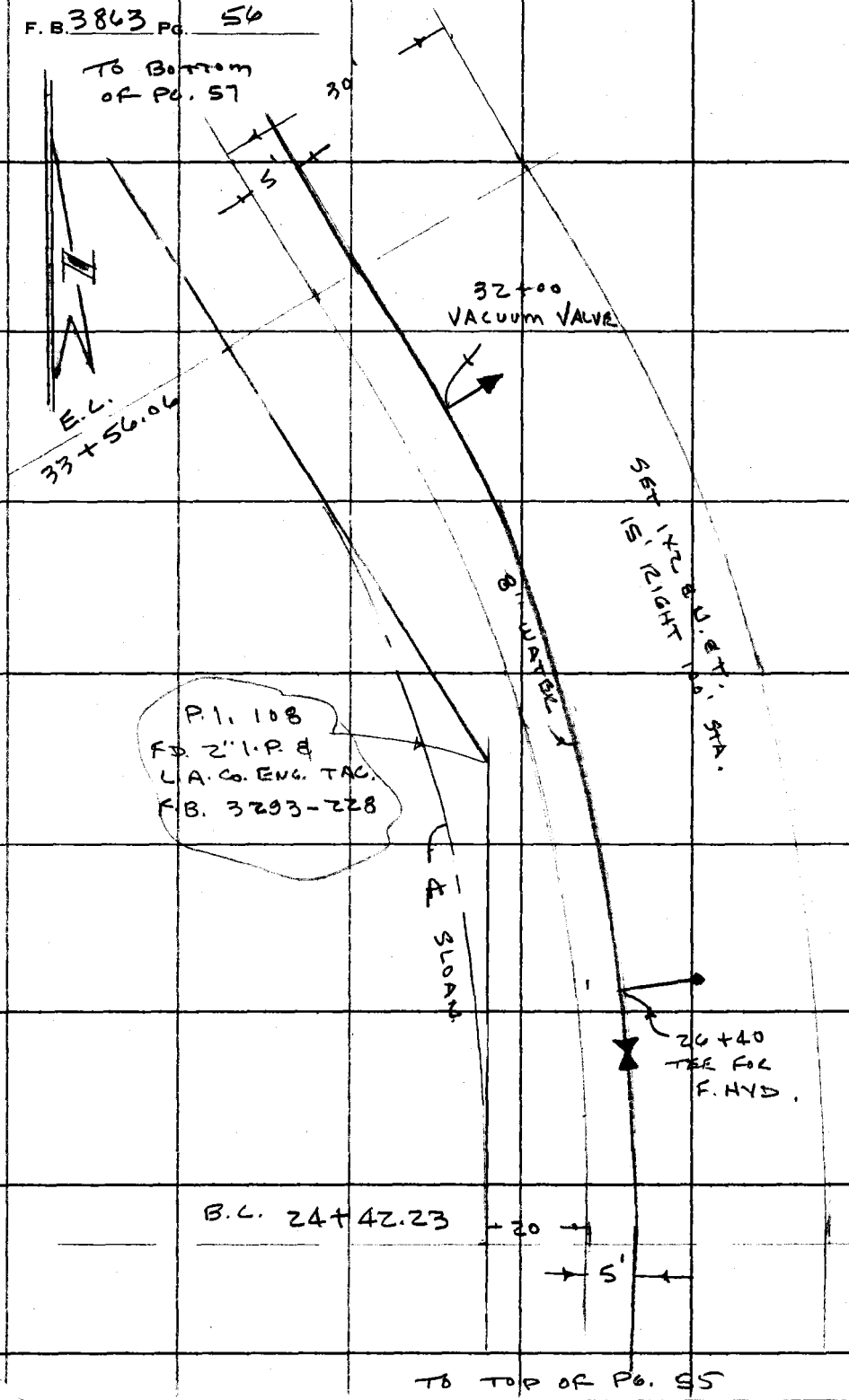
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Do not extend this side of this line.

76F309S CE#310 3-69

F. B. 3863 PG. 56



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

Do not extend this tide of this line.

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

SLOAN CANYON

Notes Ck'd by	Survey of W. WORKS, NO. 36
Map No.	JN 2408.15 Tape 8 Std 84 °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M Date 5-71
Date	Indexed T. M. PALMER MAR 28 1973

F. B. 3863 PG. 57

TO BOTTOM OF PG. 58

℄ PT.
49+68.33

49+58.33
TEE FOR
FIRE HYD.

8" WATER

44+00
STATIC
HEAD.

℄ SLOAN

5°

℄ PT.
39+20

℄ PT.
39+00

58+00
TEE FOR FIRE HYD.

20' 5° 30'

TO TOP OF PG. 56

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

Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3863 PG. 58

TO BOTTOM OF PG. 59

5'

30'

182.92

℄ PT.
55+71.56
FD. 1X2 RN.
FB. 3445-111
= 6+85.81

℄ PT.
FD. SPK BT.
5+02.89
PG. 111

8" WATER

LG. 612

30'

℄ PT.
FD. 1X2 RN.
2+82.92
PG. 110

182.92

50+13.60 =
1400
FD. 1X2 BO.
PG. 110

℄ PT.
49+68.33

30'

5'

TO TOP OF PG. 57

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

Do not extend this side of this line.

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

SLOAN CANYON

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

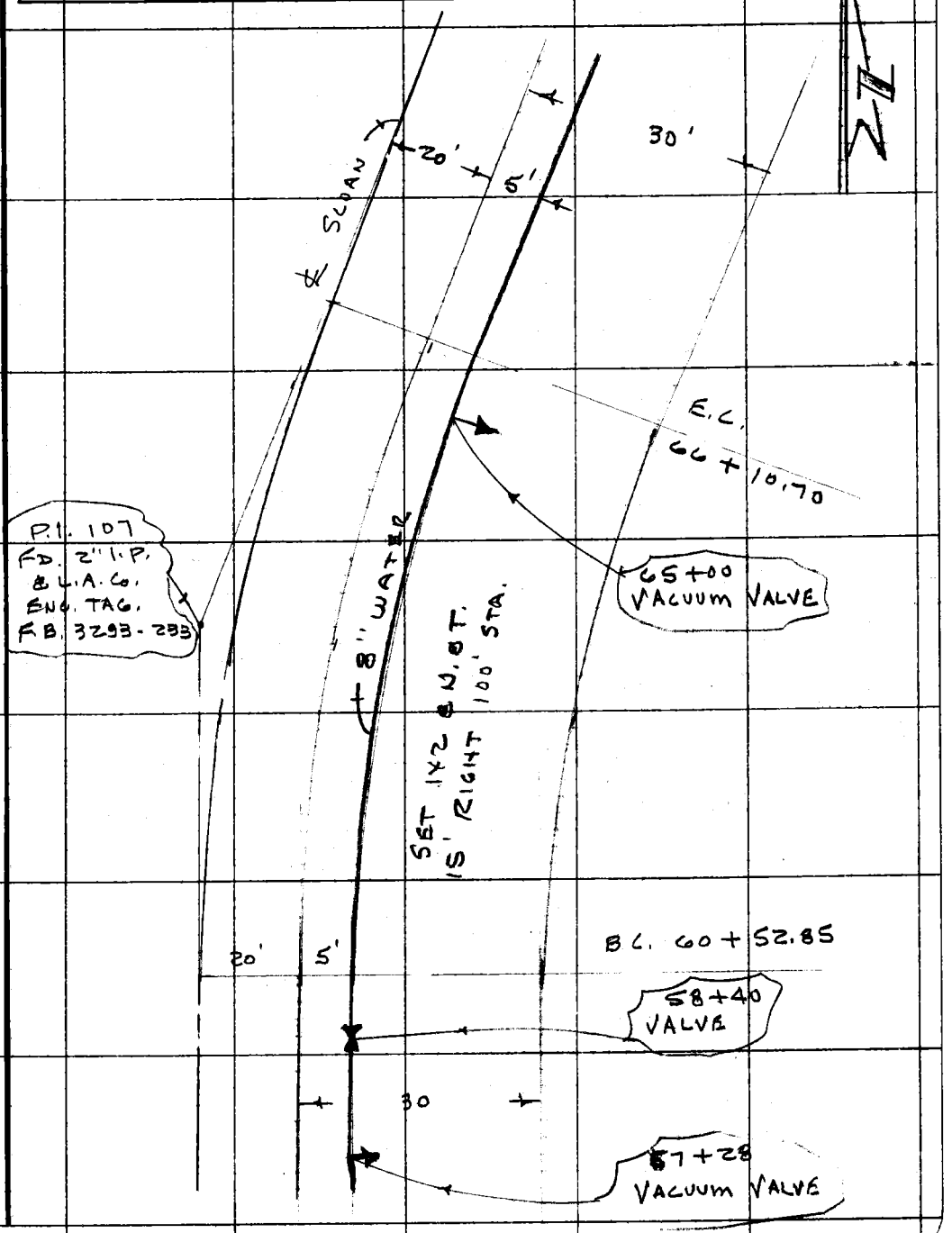
Survey of W. WORKS No. 36
JN 2408.15 Tape 8 Std 84 °F
Surveyed by J.P.M BNW
Notes J.P.M Date 5-71
Indexed T. M. PALMERI MAR 28 1973

F. B. 3863 PG. 59

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

Do not extend this side of this line.

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



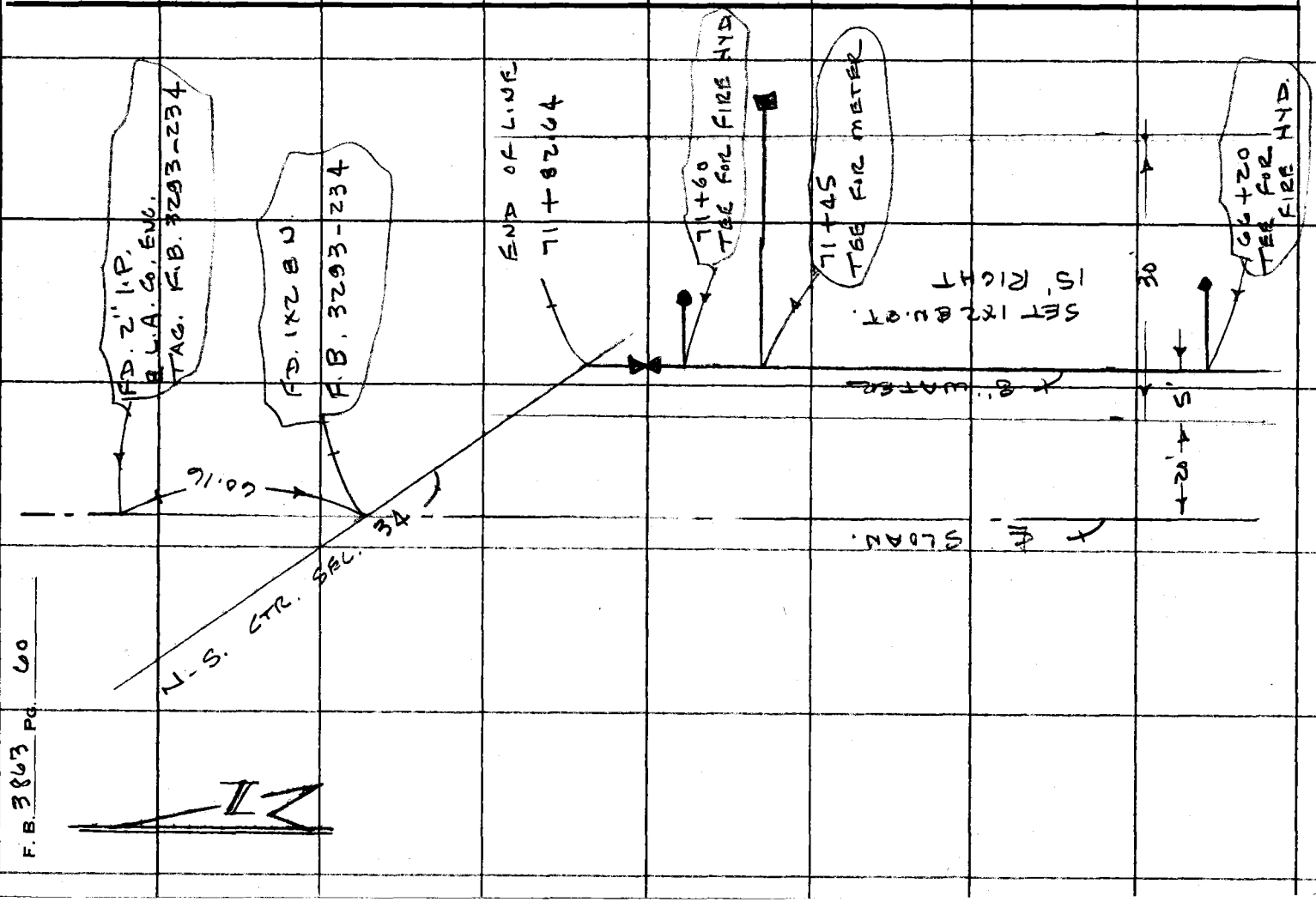
TO TOP OF PG. 58

76F309S CE#310 3-69

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

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

Do not extend this side of this line.



F.B. 3863 PG. 60

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

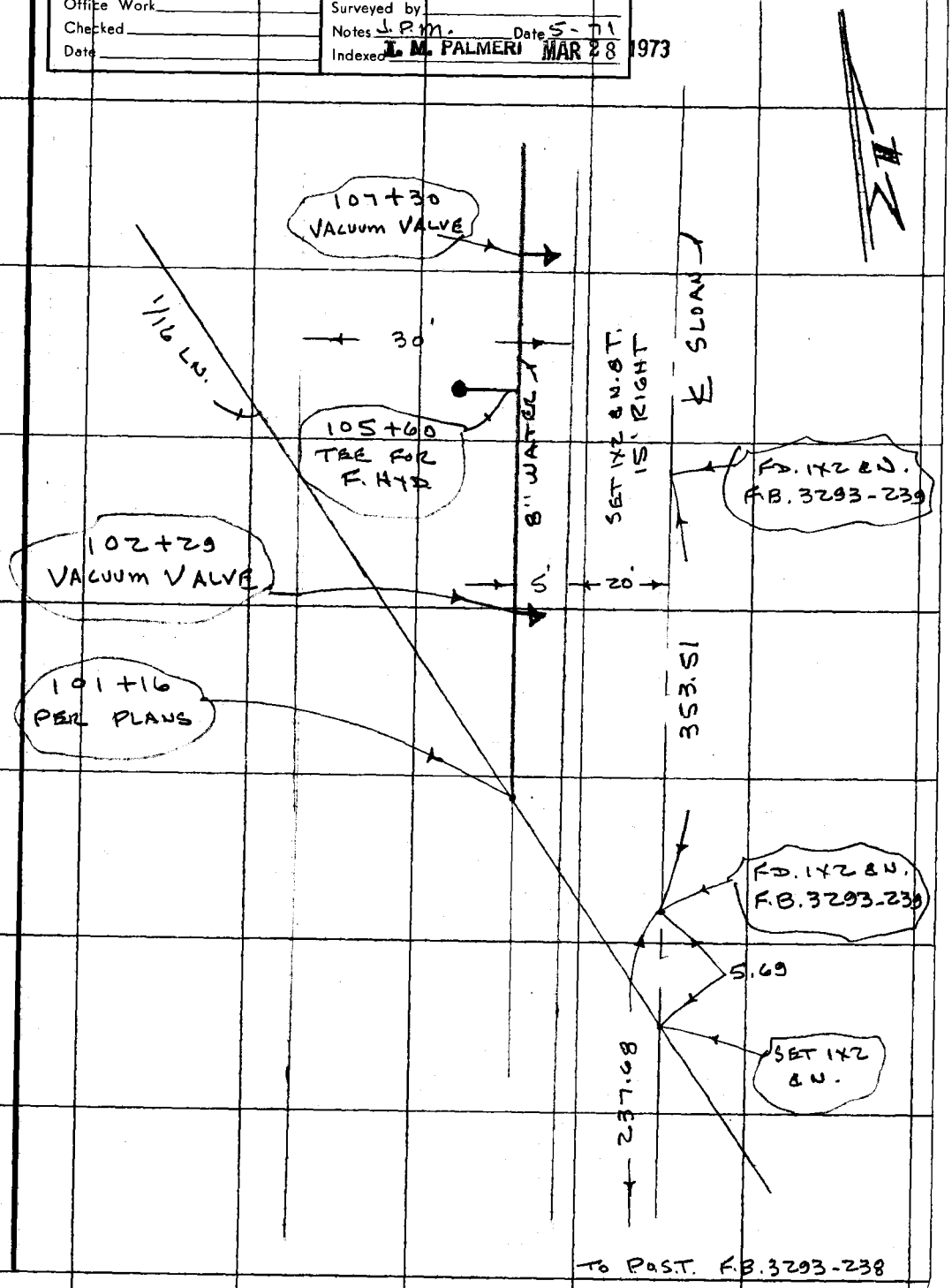
Survey of W. WORKS NO. 36
JN 2408.15 Tape 8 Std 84 °F
Surveyed by
Notes J.P.M. Date 5-71
Indexed L. M. PALMERI MAR 28 1973

F. B. 3863 PG. 61

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

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

Do not extend this side of this line.

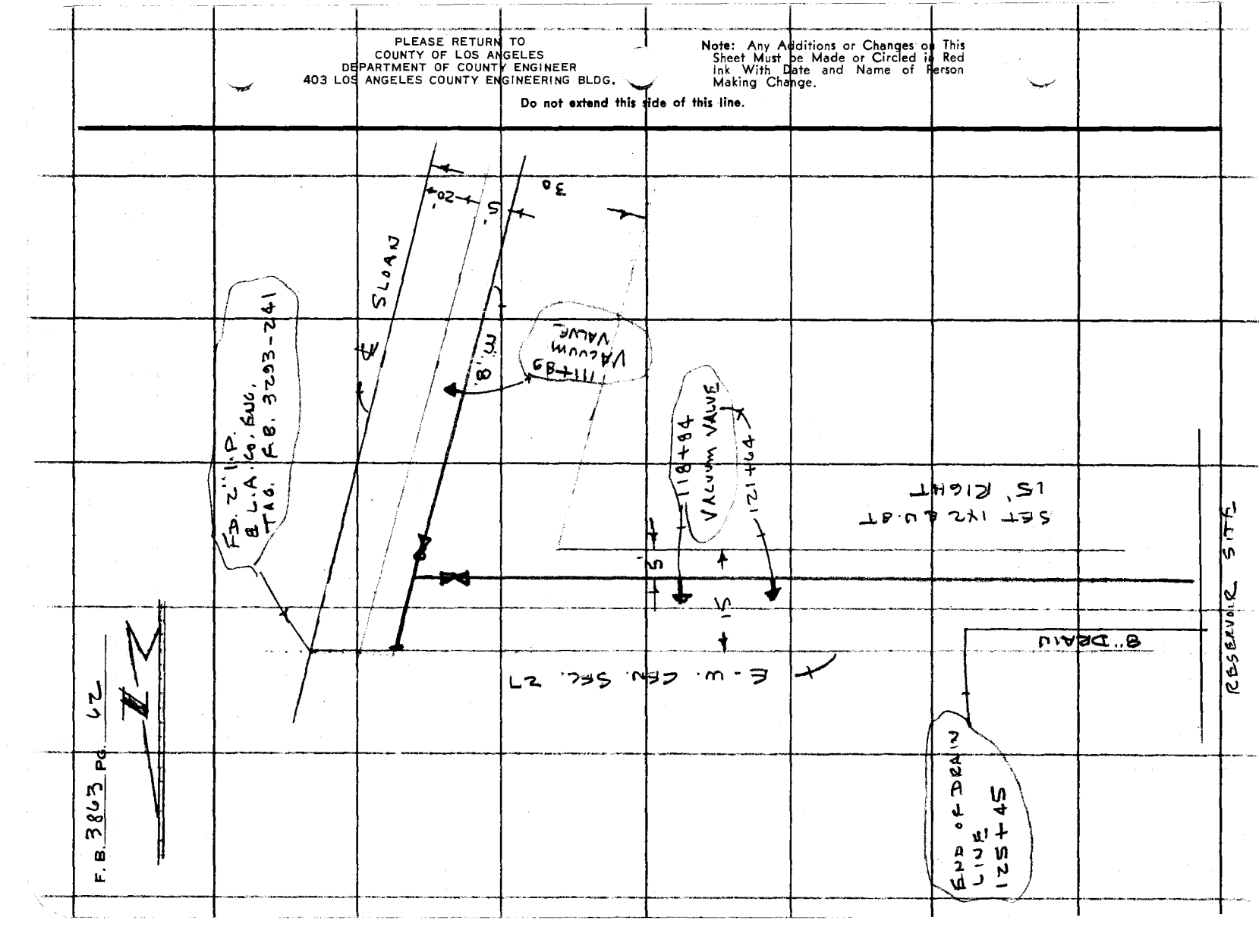


76F309S CE#310 3-69

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

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

Do not extend this side of this line.



F. B. 3863 PG. 63

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 2408.15 Division No. ____ Survey of W.W. No. 36

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by MENNE Notes J.R.M. Date 5-71 Map No. ____ Indexed M. PALMERI Date MAR 28 1973

GRADES ON

PIPE LINE

ROMERO CANYON

STATION 77 +00

TO 81+82

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

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

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 3803 Pg. 64 | Job No. 2408.15 Division No. Notes Red Plotted Profile
Survey of W. W. No. 36 Date Date No.
Survey by M Bunè Notes L.P.M. Notes Chk'd. Checked X-Sec.
Indexed T. M. PALMERI Date Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	C/F	
	LENKER Rod			1623 22	1/16 COR	C.S.MON.	F.B. 3293-186
77+00				1627 53	1623.5	C 4.0	
77+85				1630 70	1624.3	C 6.4	
78+50				1632 51	1625.0	C 7.5	
79+00				1634 30	1627.0	C 7.3	
79+70				1639 53	1629.8	C 9.7	
80+40				1642 39	1632.4	C 10.0	
81+00				1644 23	1636.5	C 7.7	
81+82				1647 00	1641.7	C 5.3	

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

Survey of W.W. 36
JN 2408.15 Tape 8 Std 84 °F
Surveyed by J.P. MANNA
Notes J.P.M Date 6-14-71
Indexed L. M. PALMERI MAR 28 1973

F. B. 3863 PG. 45

12" DRAIN LINE

FROM

TERRACE DRAIN

TO

ENERGY DISSIPATOR

RESERVOIR SITE

J.P. MANNA

J. FALSEY

L. MANLEY

J. MC DONOUGH

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

Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3863 PG. 66

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

Do not extend this side of this line.

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

Notes Ck'd by	Survey of W.W. 36
Map No.	JN 2408.15 Tape Std °F
Office Work	Surveyed by J.P. MENNE
Checked	Notes J.P.M. Date 6-15-71
Date	Indexed T. M. PALMER MAR 28 1973

F. B. 3863 PG. 67

ELEVATIONS

ON

8" WATER LINE

(WELDED JOINTS)

FROM

STA.

TO

STA.

ALONG E-W- CEN. SEC. LN.

SEC. 27 T 5N R 17W

EAST OF RESERVOIR

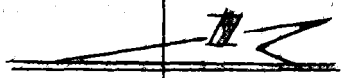
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-69

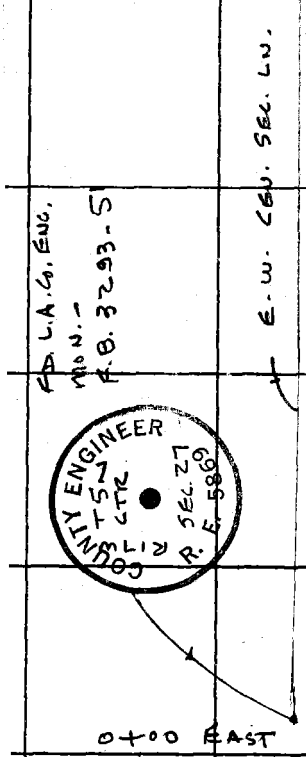
F. B. 3863 Pg. 68



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

Do not extend this side of this line.

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



Form 301 10M 3-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station	Left	Right
			ELEV. ON 8" W.LN. GOING EAST FROM CTR. SEC. 27						1				T5N R17W		
					0+00 @ CTR. SEC. 27				2						
0+41.27									3		1884.47				
			55	83	0 0		-22 45	1856 56	4	-27 41		-19 41	0+88	TOP 8" W.	
								1859 4	5					GROUND	
			123	66	0 0		-22 32	1834 7	6	-50.1		-43 59	1+46.27	TOP 8" W	
								1837 5	7					GROUND	
			217	21	0 0		-22 30	1805 64	8	-78 8		76 73	2+26.57	TOP 8" W	
								1808 34	9					GROUND	
			286	24	0 0		-20 37	1787 83	10	-96.6		94.24	2+91.86	TOP 8" W.	
								1790 33	11					GROUND	
			356	28	0 0		-19 43	1768 60	12	-115.9		113.07	3+56 72	TOP 8" W	
								1771 40	13					GROUND	
			399	20	0 0		-19 43	1755 75	14	-128.7		126 7	3+94.94	TOP 8" W	
								1758 25	15					GROUND	
			431	31	0 0		-19 35	1745 09	16	-139 4		136 28	4+23.83	TOP 8" W	
								1747 69	17					GROUND	
			523	36	0 0		-18 52	1720 83	18	163 6		160 04	5+09 77	TOP 8" W	
								1723 63	19					GROUND	
			560	58	0 0		-18 17	1711 85	20	172 6		166 8	5+94.05	TOP 8" W	
								1715 65	21					GROUND	

Add'n'l Inform.

Notes Red. ____ Platted ____ Job No. 2408.15 Division No. ____ F.B. 3863 Pg. 69
Date ____ Date ____ Survey of W. WORKS NO. 36
Notes Chkd. ____ Checked ____ Survey by S. P. MENNE Notes FALSEY Date 6-15-71
Date ____ Date ____ Map No. ____ Indexed J. M. PALMERI Date MAR 28 1973

Form 301 10M 3-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	± Vertical Angle	Elevation of Point	+ Back Sight	± Difference Elevation	Height of Instrument	± Vertical Distance	REMARKS Station	Left	Right
+ 0+41.27									1		1884.47				
			610	6.0	0.0		-17.54	1700.04	2	-184.4		178.4	5+94.05	TOP 8" W	
								1705.6	3						
								1704.9	4	3.9	1708.8		6+00	GROUND FB 3293-159	
⊼ @ 6+04°									5						
			66	0.34	0.0		-19.49	1687.4	6	25.05		21.05	6+62.42	TOP 8" W	
								1691.4	7					GROUND	
			148	11.48	0.0		-2.14	1691.55	8	17.3		5.77	7+51.78	TOP 8" W	
								1696.95	9					GROUND	
			177	7.77	0.0		0.0	1701.03	10	7.77		7.77	7+81.0	TOP 8" W	
								1705.53	11					GROUND	
			255	0.23	0.0		0.0	1708.57	12	0.23		0.23	8+59.0	TOP 8" W	
								1713.27	13					GROUND	
			296	2.46	0.0		± 1.35	1714.51	14	5.7		8.17	8+97.04	TOP 8" W	
								1718.71	15					GROUND	
			378	5.88	0.0		± 6.51	1747.1	16	38.3		44.75	9+76.63	TOP 8" W	
								1750.1	17					GROUND	
⊼ 9+82		6L on SEC LN			= 122+01.24 PER PLANS										
								1750.1	18	5.56	1755.66				
			35	8.54	0.0		0.0	1747.12	19	8.54			10+17.62	TOP 8" W	
								1751.82	20	3.84				GROUND	
									21						

Add'n'l Inform.

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

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

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

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

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

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

Form 301 10M 3-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ Vertical Angle —	Elevation of Point	+ Back Sight	+ Difference Elevation —	Height of Instrument	+ Vertical Distance	REMARKS Station	Left	Right
T	7+82	62			° '		° '		1		1755 66				
			162	5 81	0 0		− 6 10	1732 55	2	− 23 1		17.30	11+42.76 Top 8" W.		
								1737 05	3				↑ 4.5 Ground		
			229	1 14	0 0		+ 1 32	1760 63	4	+ 5 0		+ 6 11	12+11.46 Top 8" W.		
								1764 93	5				↑ 4.3 Ground		
			309	2 53	0 0		+ 9 19	1802 48	6	+ 46 8		49 35	12+83.56 Top 8" W		
								1805 7	7				↑ 3 2 Ground		
			328	6 65	0 0		+ 10 27	1807 5	8	+ 51 8		+ 58 48	12+85° ℄ Top Break		
									9				Ref FB 3293-164		
									10						
									11						
									12						
									13						
									14						
									15						
									16						
									17						
									18						
									19						
									20						
									21						

Add'n'l Inform.

Notes Rod. _____ Platted _____ Job No. 2408.15 Division No. _____ F.B. 3863 Pg. 74

Date _____ Date _____ Survey of W. WORKS # 39

Notes Chkd. _____ Checked _____ Survey by J.P. MENNES Notes FALSEN Date 6-15-71

Date _____ Date _____ Map No. _____ Indexed M. PALMERI Date MAR 28 1972

Form 301 10M 3-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

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

Add'n'l Inform.

F.B. 3863 PG. 72

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

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

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

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

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

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

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

Survey of WW#36
JN 2408.15 Tape B Std B4 °F
Surveyed by J.P. MENNE
Notes JF Date 6-25-71
Indexed T. M. PALMERI MAR 28 1973

F. B. 3863 PG. 73

JN 2408.15

WW # 36

LOCATION of 8" WATER LINE AROUND SOUTH AND WEST SIDE OF TANK SITE

J. P. MENNE
J. FALSEY
L. MANLEY
J. MC. DONOUGH

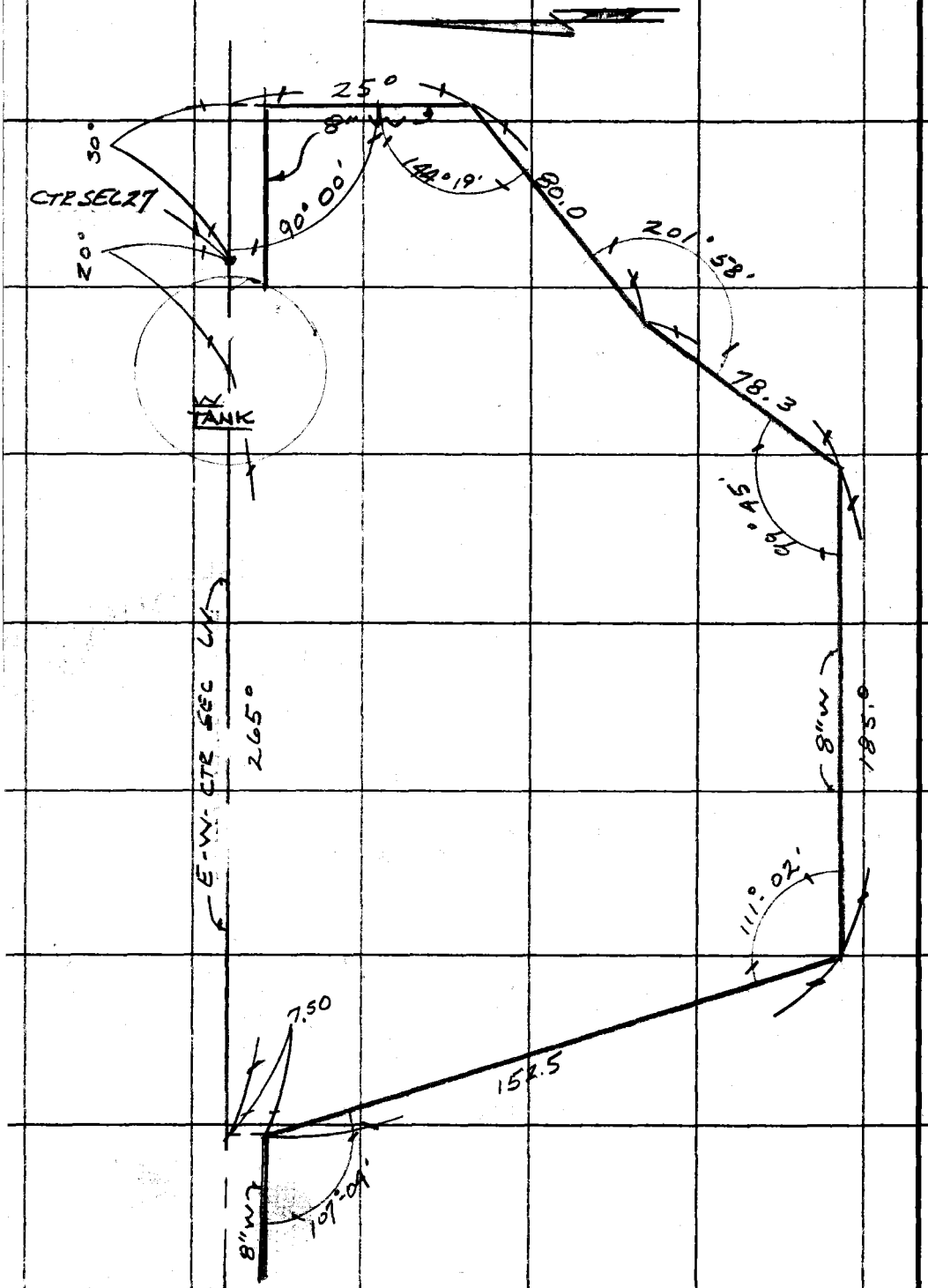
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309s CE#310 3-69

F. B. 3863 PG. 74



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

Do not extend this side of this line.

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

RESERVOIR SITE

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

Survey of W.W.NO.36
JN 2408.1 Tape 8 Std 84 °F
Surveyed by J.P. MENNE
Notes J.P.M Date 6-24-71
Indexed T. M. PALMERI MAR 28 1973

F. B. 3863 PG. 75

LOCATION

OF

1980 CONTOUR

AROUND

SOUTH AND WEST

SIDE OF TANK SITE

J.P. MENNE

J. FALSEN

L. MANLEY

J. MC DONOUGH

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

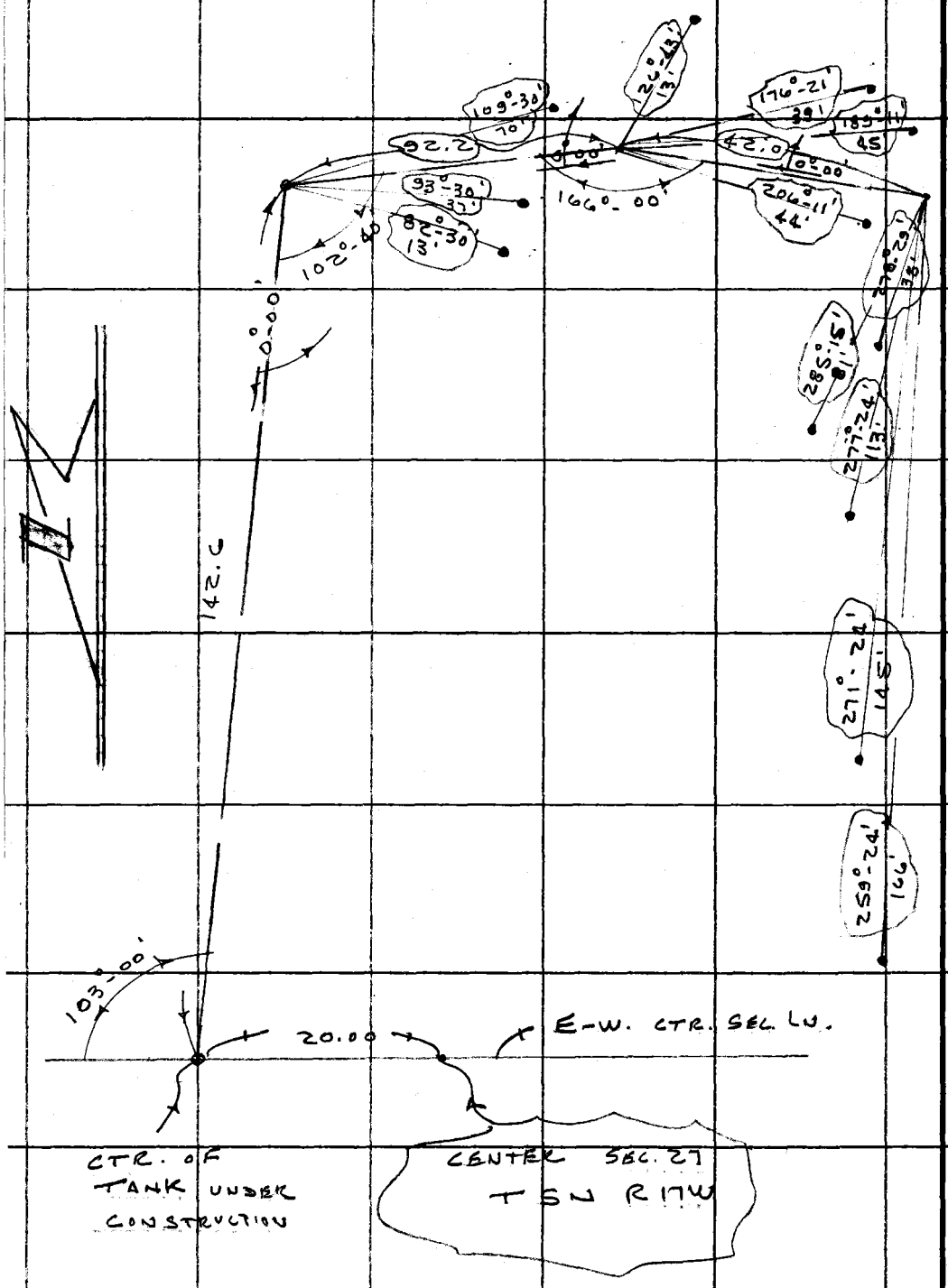
Do not extend this side of this line.

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

76F309S CE#310 3-69

F. B. 3863 PG. 76

● = 1880 ELEV.



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

Do not extend this side of this line.

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

Notes Ck'd by	Survey of W.W. NO. 36	F. B. 3863 Pg. 77
Map No.	JN 2408.15 Tape Std °F	
Office Work	Surveyed by J.P. MENNE	
Checked	Notes Date 7-71	
Date	Indexed T. M. PALMERI MAR 28 1973	

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

Do not extend this side of this line.

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

LOCATION

OF

8" WATER LINE

ON

SLOAN CAN. RD.

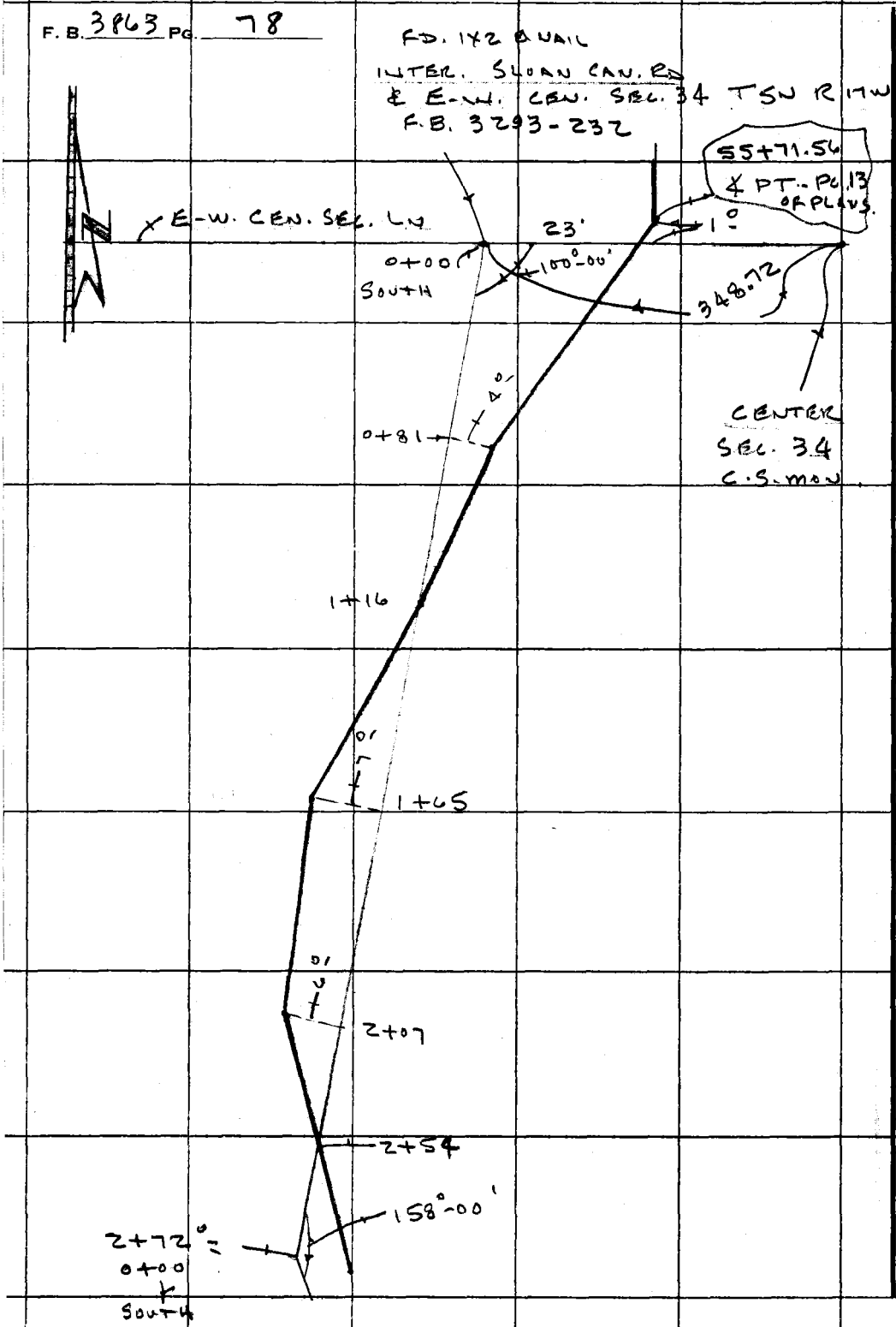
BETWEEN

STA. 49 +63.33

TO STA. 55 +71.56

16F309S CE#310 3-69

F.B. 3863 PG. 78



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

Do not extend this side of this line.

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

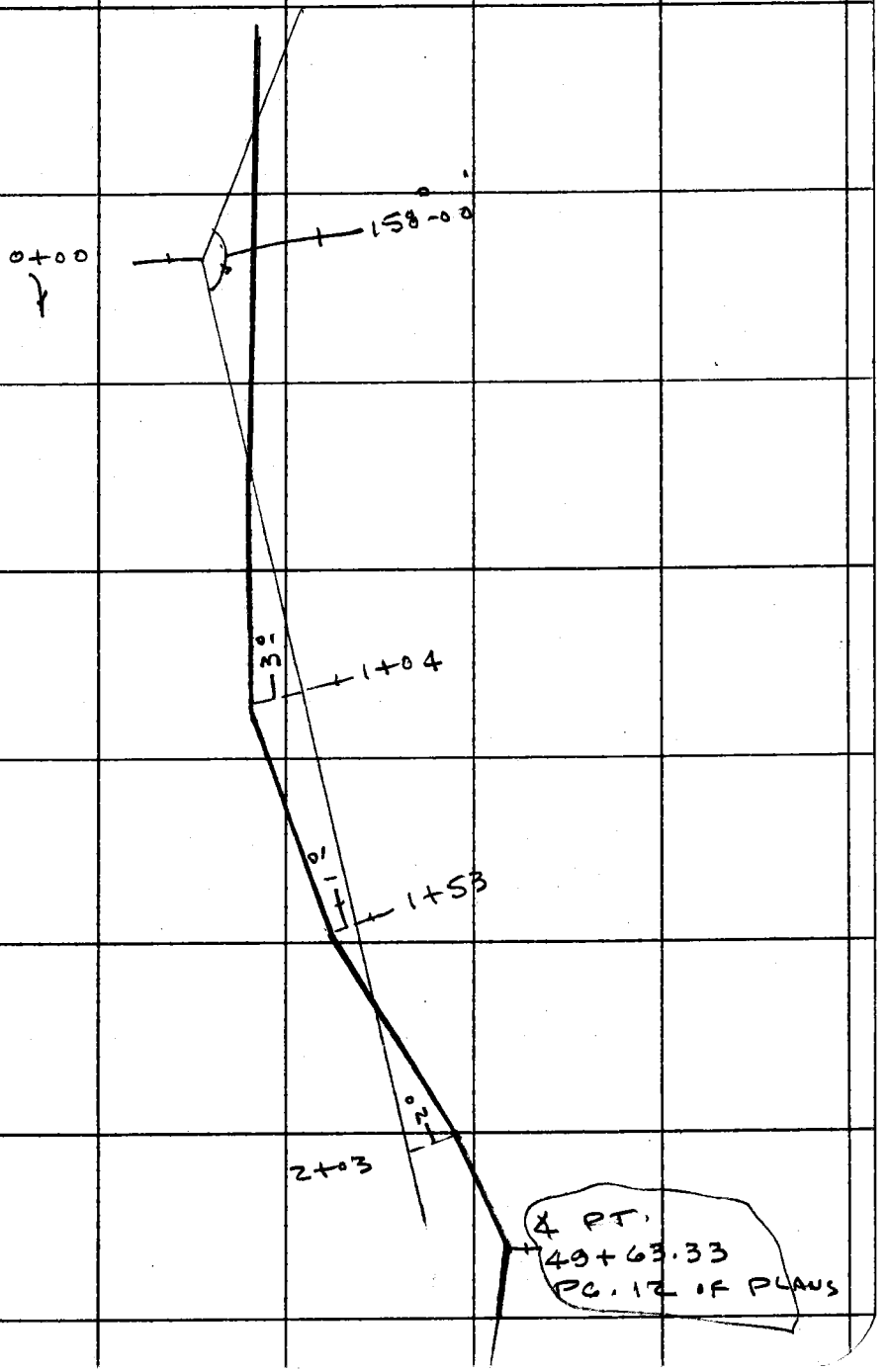
Notes Ck'd by	Survey of W. WORKS 36
Map No.	JN 2408.15 Tape 8 Std 84 °F
Office Work	Surveyed by J. P. MIGUEL
Checked	Notes Date
Date	Index T. M. PALMERI MAR 28 1973

F. B. 3863 PG. 79

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

Do not extend this side of this line.

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



76F309S CE#310 3-69

F. B. 3863 PG. 81

Profile No. ____ Notes Red ____ Plotted ____ Job No 2408.15 Division No. 11
Date ____ Date ____ Survey of W.W. NO 36
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by J P M Notes M R N Date JAN 73
Date ____ Date ____ Map No. ____ Indexed J. M. PALMERI Date MAR 28 1973

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

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
					WATER WORKS #36
					FINAL SUB GRADES OF ACESS ROAD TO RESERVOIR SITE
					J.N. 2408.15
					USED LENKER ROD
					FOR & CONTROL SEE Pgs. 14-20

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
						1/4 1/4 COR. EL=1776.66 F.B. 3293-50,60. STD BRASS CAP MON. IN ROCK MOUND MARKED;
1/4 1/4 COR.				1776 66		E 1/4 1/4 SW 1/4 SEC 27 T5N R17W
0+00				1806 70		
+25				1809 75		
+50				1813 35		NOTE: SET 1x2 TO SUB-GRADE
+75				1816 46		@ ℄ AND LATH @ EDGE OF
1+00				1818 50		15' ROAD.
+25				1820 10	6.39%	
+50				1821 70		
+75				1823 30		
+86 23 B.C				1824 01		
2+00				1824 14		
+25				1823 50		
+57				1822 59		FINISHED GRADE @ TOP OF GRATE
+57				1822 34		
+75				1824 10	9.79%	
3+00				1826 55		
+25				1829 00		
+47 07				1831 15		
+75				1833 57	8.64%	
4+00				1835 73		

F. B. 3863 Pg. 82 Job No. 2408.15 Division No. 11 Notes Red Plotted Profile
Survey of W.W. #36 Date JAN 72 Date No.
Survey by J.P.M. Notes M.R. NEVAREZ Notes Chk'd. Checked X-Sec.
Indexed L. M. PALMERI Date Date Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
4+25				1837 39	8.64%	
+50				1840 05		
+75				1842 21		
5+00				1844 37		
+25				1846 53		
+50				1847 15		
+75				1847 77		
6+00				1848 39	2.48%	
+25				1849 01		
+50				1849 63		
+75				1850 25		
7+00				1850 87		
+25				1851 49		
+65				1856 28		
8+15				1864 24	28.39%	
+65				1872 06		
9+15				1879 88		
TBM.				1879 95	FD ¾" CAPPED I.P. @ RESERVOIR PAD ELEV PER F.B. 3863-8	

Profile Notes Red____ Plotted____ Job No 24085 Division No. 11
No.____ Date____ Date____ Survey of 64, 61, 40, 36
X-Sec. Notes Chk'd.____ Checked____ Survey by J.T.P.M. Notes M.E.M. Date JAN. 72
No.____ Date____ Date____ Map No.____ Index No. Notes T.M. PALMER Date MAR 28 1973

F. B. 3863 PG. 83

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.				
	FINAL SUB-GRADES AROUND RESERVOIR							
			USED LENKER ROD					
			SEE PG 86					
TBM				1879 95	SEE 3/4" CAPPED I.P.			PG 83
0+00				1878 61				
+25				1878 81		16'	OUT	1879.13
+50				1879 01		12'	"	1879.25
+75				1879 21	0.8%	10'	"	1879.41
1+00				1879 41		12'	"	1879.65
+25				1879 61		14'	"	1879.89
+50				1879 81		12'	"	1880.05
+75				1880 01		12'	"	1880.01
2+00				1879 76		12'	"	1880.00
+25				1879 51	1.00%			
+50				1879 26		50'	"	1879.86
+75				1879 01		30'	"	1879.86
3+00				1878 76		25'	"	1879.86
+15 = 0+00				1878 61				
TBM				1879 95	SEE ABOVE			

F. B. 3863 PG. 84

Job No. 2408.15 Division No. 11 Notes Red Plotted Profile

Survey of W. W. #36 Date JAN 72 Date No.

Survey by J. P. M. Notes M. R. NEVAREZ Notes Chk'd. Checked X-Sec.

Indexed I. M. PALMERI Date Date No.

Notes Ck'd by	Survey of W.W. No. 36	F. B. 3863 PG. 85
Map No.	JN 2408.15 Tape Std °F	
Office Work	Surveyed by J.P. MEUNE	
Checked	Notes J.P.M Date 1-17-72	
Date	Indexed I. M. PALMER MAR 28 1973	

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

Do not extend this side of this line.

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

WATER WORKS NO. 36

RESERVOIR SITE

J.N. 2408.15

FINAL

SUB - GRADES

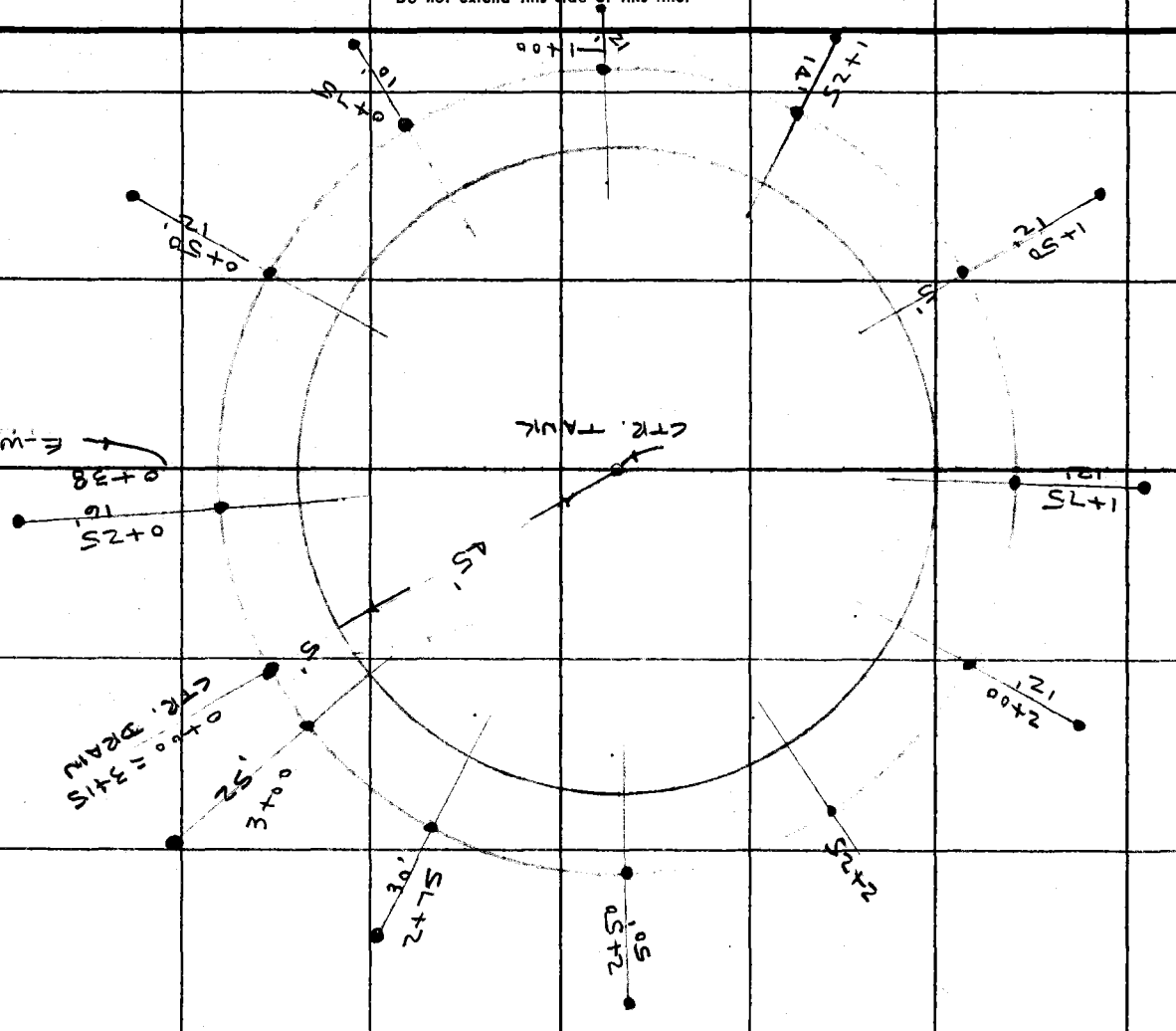
J.P. MEUNE
R. NEVAREZ
R. PULSIFER
T. DONLEY
J. MUNOZ

16F309s CE#310 3-69

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

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

Do not extend this side of this line.



F.B. 3863 PG. 86

F. B. 3863 PG. 87

Profile No. ____ Notes Red ____ Plotted ____ Job No. 2408.15 Division No. 11
Date ____ Date ____ Survey of W.W. # 36
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by J.P.M. Notes M.R.N. Date JAN 72
Date ____ Date ____ Map No. ____ Index T. M. PALMERI Date MAR 28 1973

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

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

WATER WORKS 36

FINAL SUB-GRADES

OF BOOSTER STATION

J.N. 2408.15

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

76-L-298 CE 307 5-66

F. B. 3863 PG. 88

Job No 2408.15 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of W.W. #36 Date JAN 73 Date _____ No. _____

Survey by J.P.M. Notes M.R.N. Notes Chk'd. _____ Checked _____ X-Sec.

Indexed L. M. PALMERI Date _____ Date _____ Date _____ No. _____

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
①				1310 92	
⑯				1310 92	
⑰				1310 42	
⑭				1309 42	
⑱				1309 42	
⑲				1306 42	
⑳				1306 42	
㉑				1311 82	
㉒				1311 42	
㉓				1312 42	
㉔				1311 42	
㉕				1312 42	
㉖				1313 42	
㉗				1313 42	
㉘				1313 42	
④				1314 42	
⑤				1314 22	
⑥				1313 82	
⑨				1313 42	

LENKER ROD USED

1337 63 C.E. MON. UP 6" 5' WEST OF P.P. # 726031E ON S.W. SIDE OF HASLEY CYN RD. PER F.B. 2901-100

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
(10)				1313 42		
(11)				1313 42		
(29)				1312 42		
(30)				1312 42		
(31)				1315 12		
(13)				1310 00		
(32)				1308 22		
(33)		LENKER ROD USED		1307 42		
(34)				1310 00		
(35)				1307 12		

Profile Notes Red ____ Plotted ____ Job No. 2408.15 Division No. 11
No. ____ Date ____ Date ____ Survey of LWD # 36
X-Sec. Notes Chk'd. ____ Checked ____ Survey by APM Notes M&N Date JAN 72
No. ____ Date ____ Date ____ Map No. ____ Index M. PALMERI Date MAR 28 1973

F. B. 3863 Pg. 89

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

Survey of W.W. No. 36
JN 24081.5 Tape 8 Std 84 °F
Surveyed by J.P. MENUNE
Notes J.P.M Date 1-72
Indexed T. M. PALMERI MAR 28 1973

F. B. 3863 PG. 91

LOCATION

OF

POWER POLES

ON

ACCESS ROAD

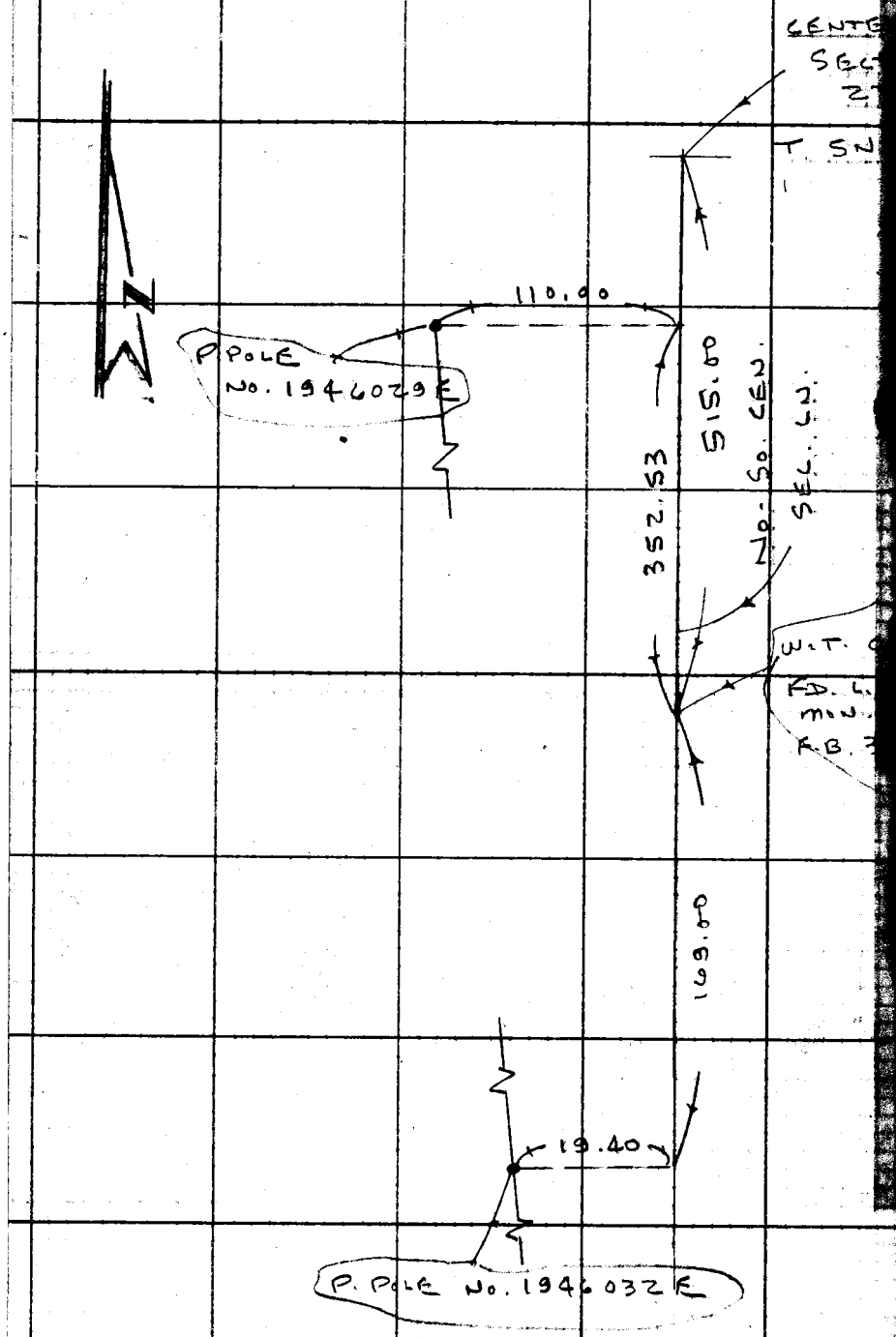
TO

RESERVOIR

ROMERO - SLOAN

CANYONS

F. B. 3863 Pg. 92



CENTE
SEC
T. SN
110.00
P. POLE
NO. 1946029 E
515.00
352.53
NO. SO. CEN.
SEC. LN.
W.T.
FD. L
MON.
F.B.
169.00
19.40
P. POLE NO. 1946032 E