Notes Ck'd by	Survey of EL CARISO PK.
Map No.	JN 994302 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 7-15-75
Date	Indexed

F.B. 4369 PG. 5

J.N. 994302

EL CARISO REG PARK

Location Road "A"

Burkholder
Jones
Lund
Scherb.

Microfilmed 10-9-84.

F.B. 4369 PG. 6

Note: Also See FB 4367
FB 4374

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Notes Ck'd by	Survey of El Camino Regional Park
Map No.	JN Tape Std °F
Office Work	Surveyed by
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Date	Indexed M. M. PALMER SEP 14 1976

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Note: FB 4368 Closed
FB 4369 Closed

Use FB 4374

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Map No.	JN 9943.02 Tape Std °F	
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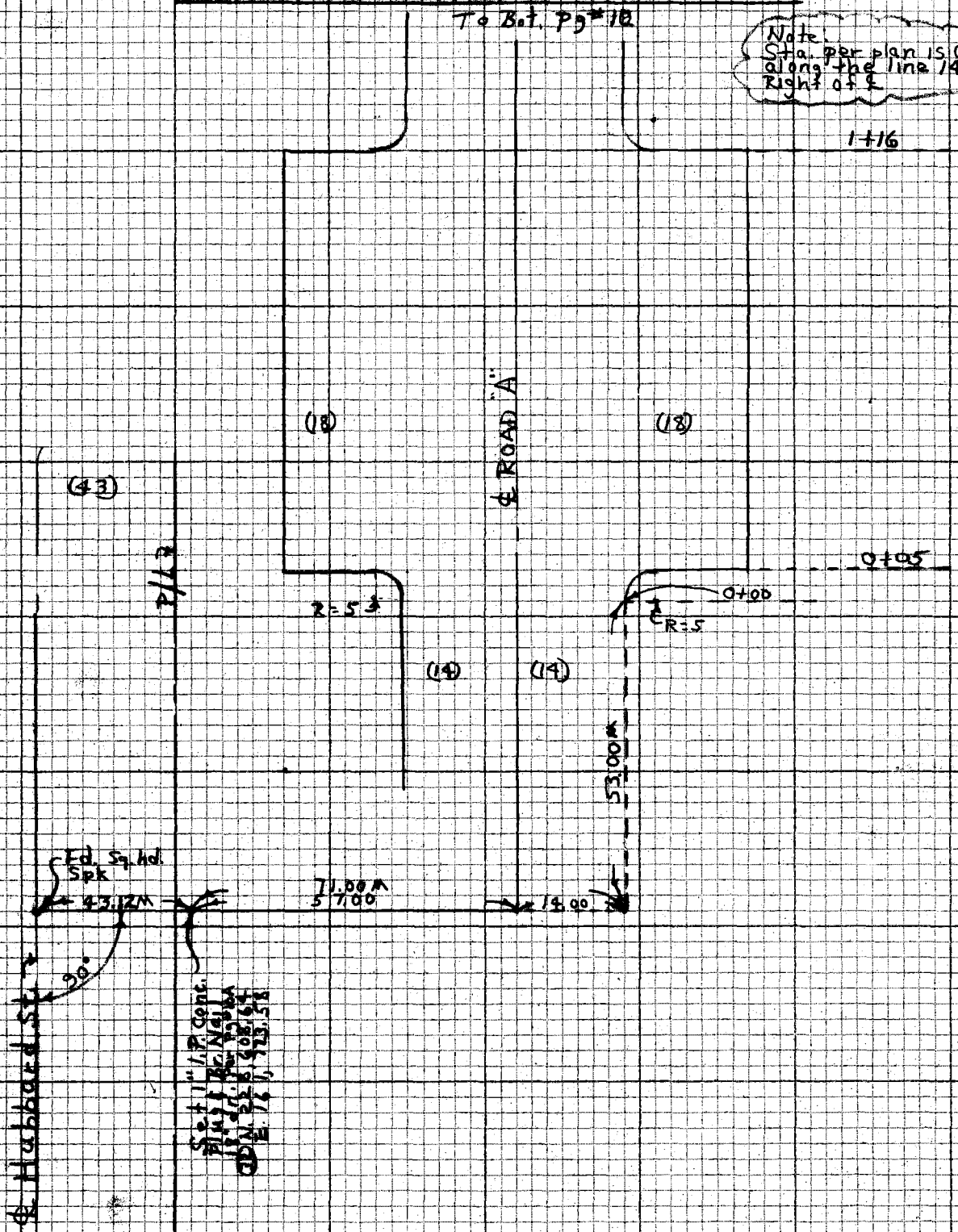
Checked	Notes D.L.B. Date 7-75	
Date	Indexed E. E. PALMERI SEP 14 1976	

Location & Grade on Entrance Rd. "A"

To Bot. Pg #10

Note: Sta. per plan is Calc. along the line 14.00 Right of ℄



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CE 310
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F.B. 4369 PG. 10

Note:
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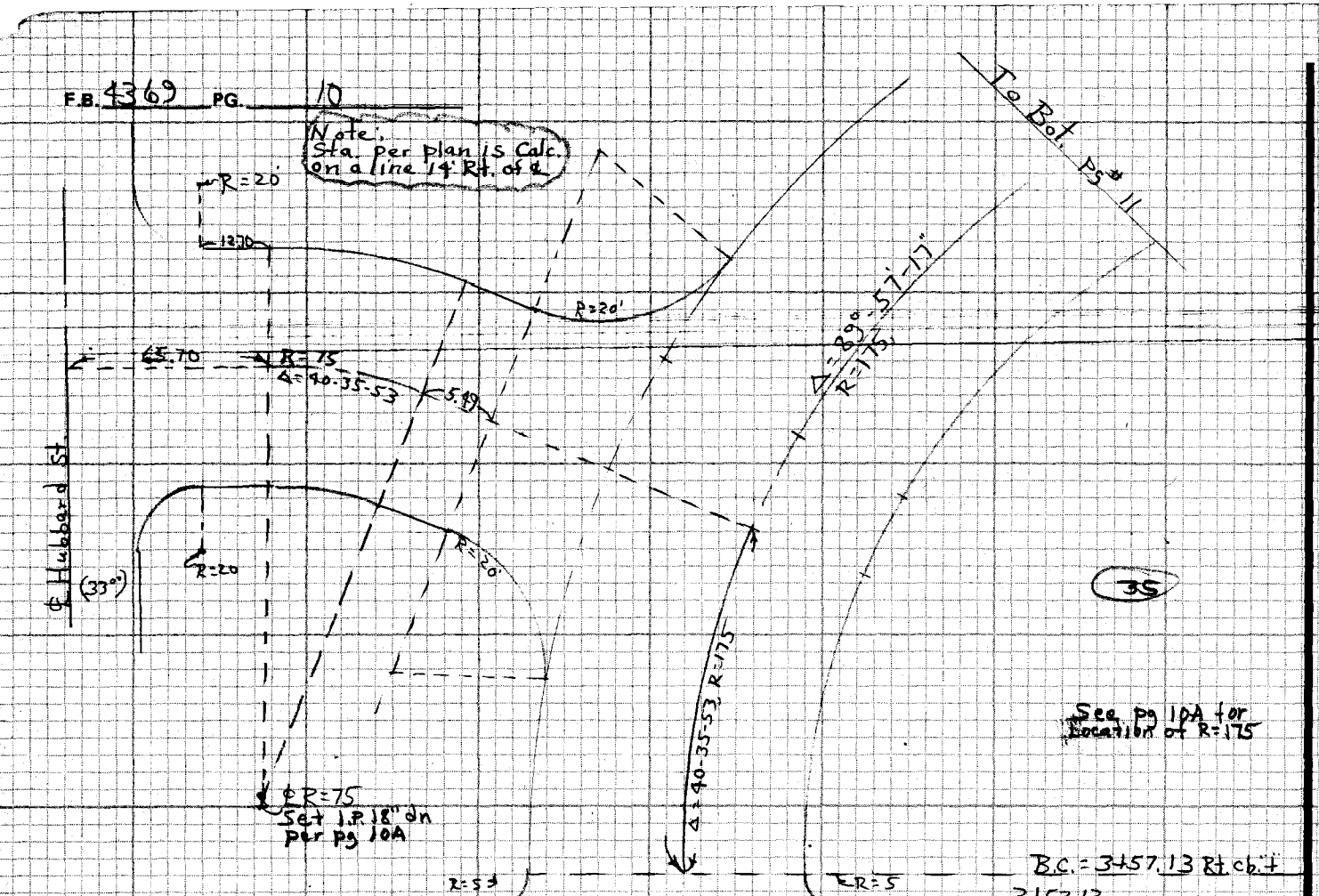
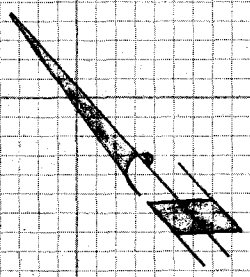
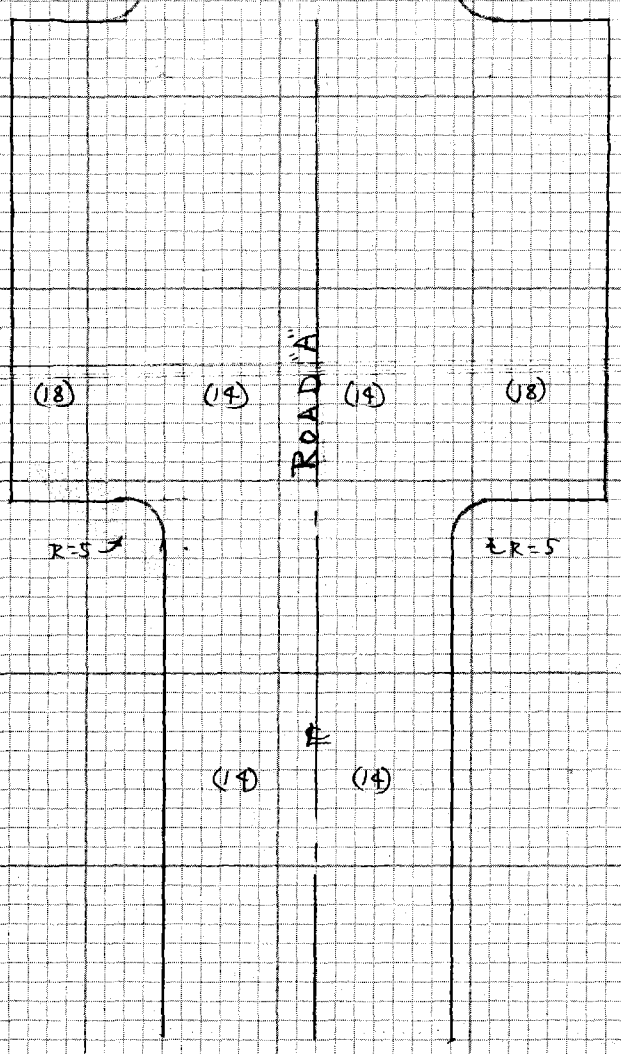
on a line 14' Rt. of ℄







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CE 310
76F3095-4-3

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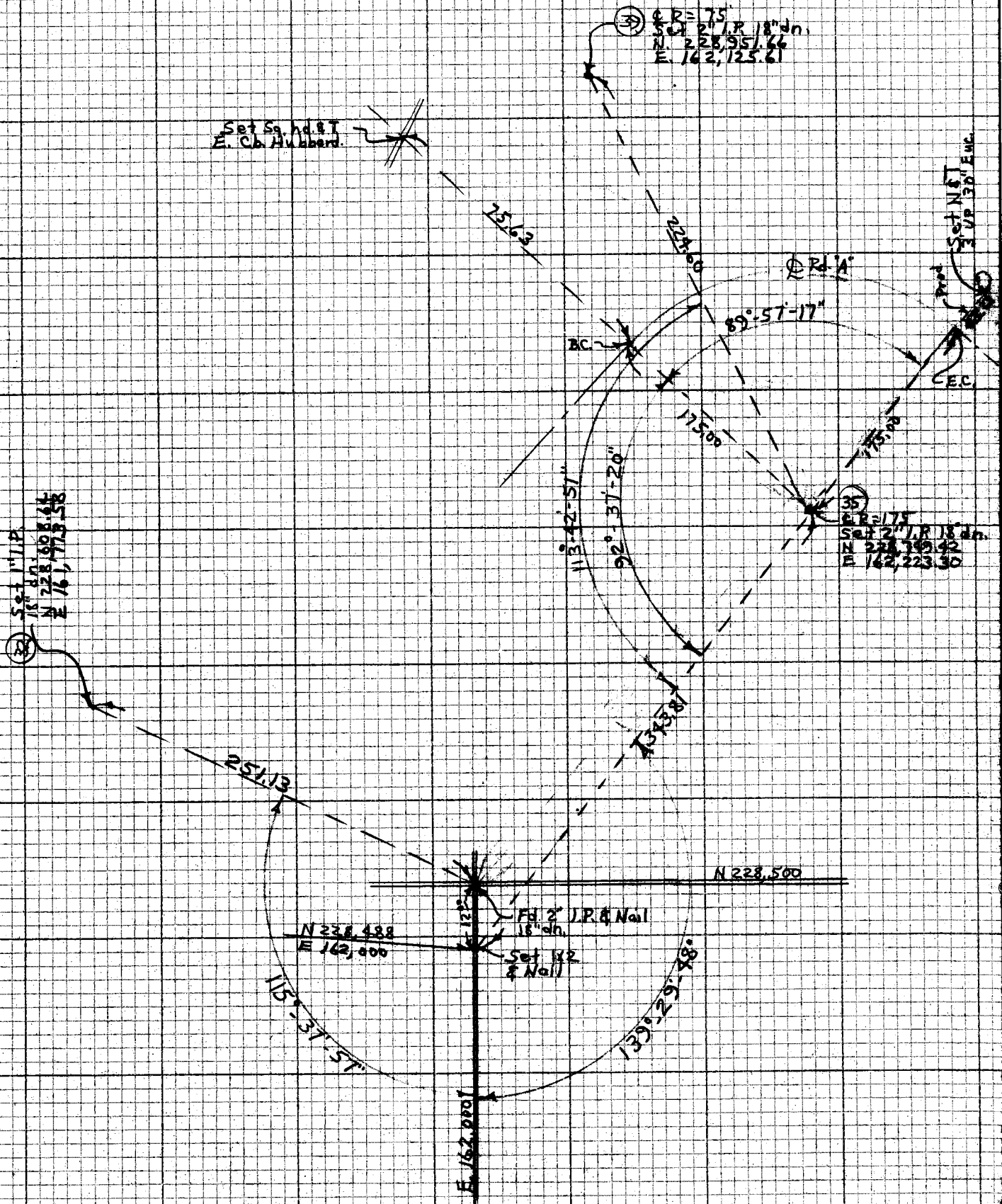
Office Work	Surveyed by Burkholder
Checked	Notes D. B Date 7-75
Date	Indexed L. E. PALMER SEP 14 1978

F.B. 4369 PG. 10A

Location of Radius Pts on Rd "A" by Co-ordinates



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CENTERLINE
CE 310
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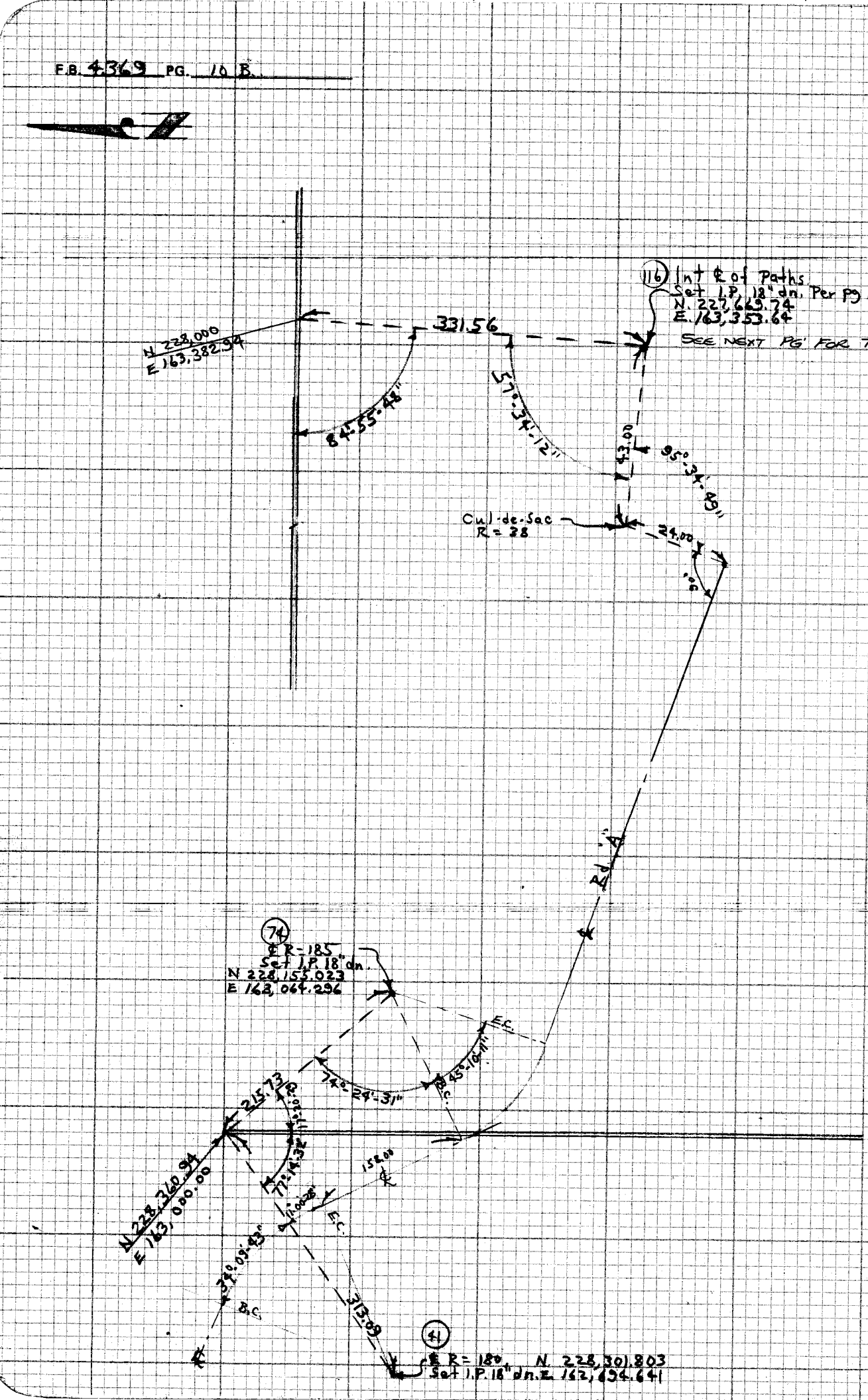
F.B. 4369 PG. 10 B.



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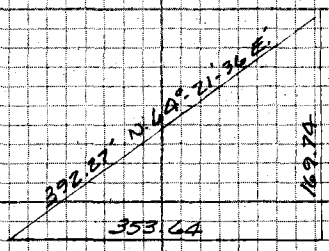
Notes Ck'd by	Survey of EL CARISO PARK F.B. 1369 PG. 10
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes " Date SEP. 10, '75
Date	Indexed L. BL PALMER SEP 14 1975

TIE TO CONTROL PIPE AT EASTLY END ROAD "A"



FD. A 2" I.P. W/ CMT. PLUG & BR. N. DN 16". N. 227,669.74 E. 163,353.64 NE 116

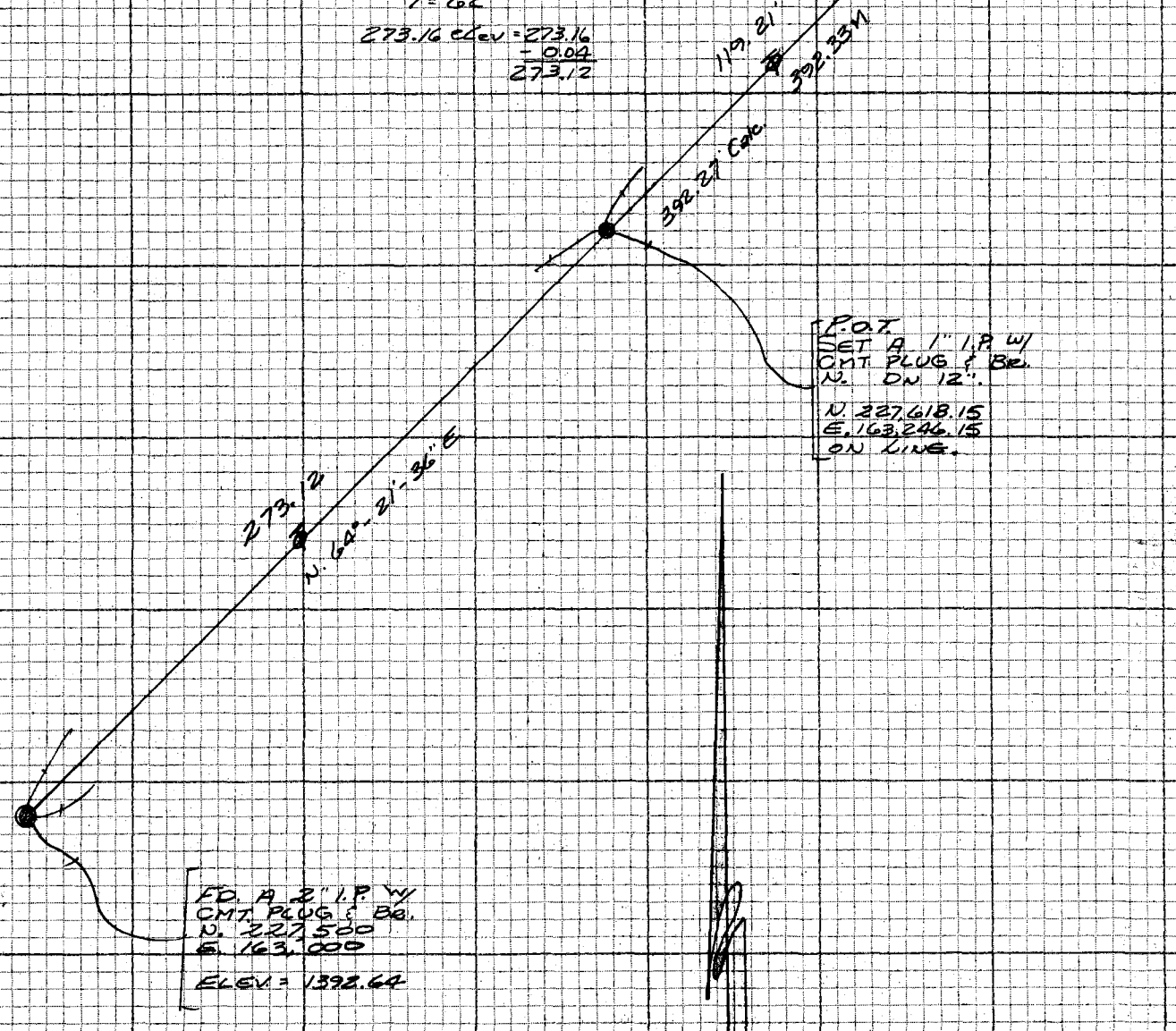
T = 42°

119.32 @ 92°-11' = 119.23
119.30 @ 91°-49' = 119.24

119.23
- 0.02
119.21

T = 62°

273.16 elev = 273.16
- 0.04
273.12



P.O.T. SET A 1" I.P. W/ CMT. PLUG & BR. N. DN 12". N. 227,618.15 E. 163,246.15 ON LINE.

FD. A 2" I.P. W/ CMT. PLUG & BR. N. 227,500 E. 163,000 ELEV = 1392.64

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CE 310
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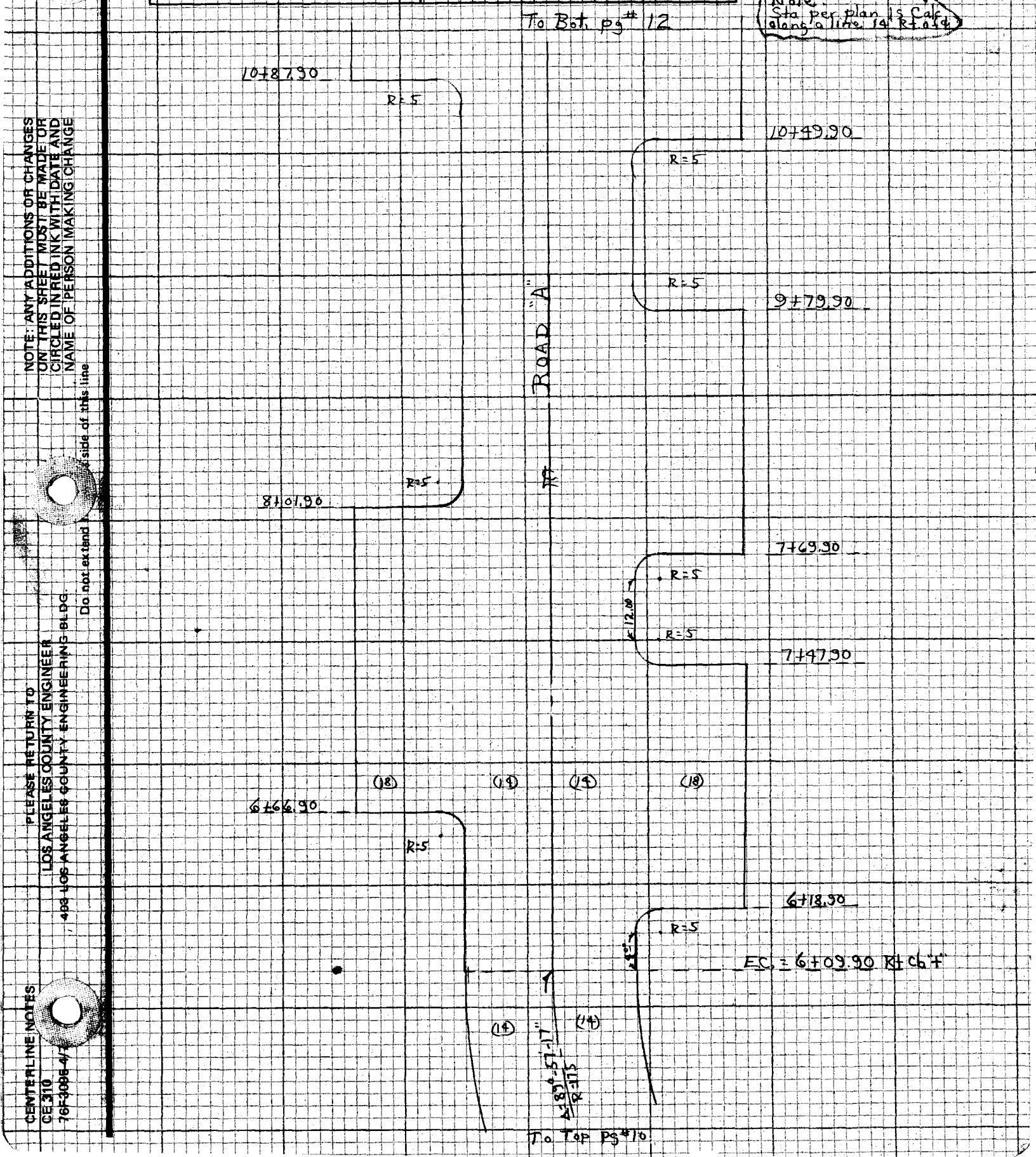
Map No.	JN 9943.02 Tape Std °F	
Office Work	Surveyed by Burkholder	
Checked	Notes D.I.B. Date 7-[illegible]-75	
Date	Indexed L. M. PALMERI SEP 14 1976	



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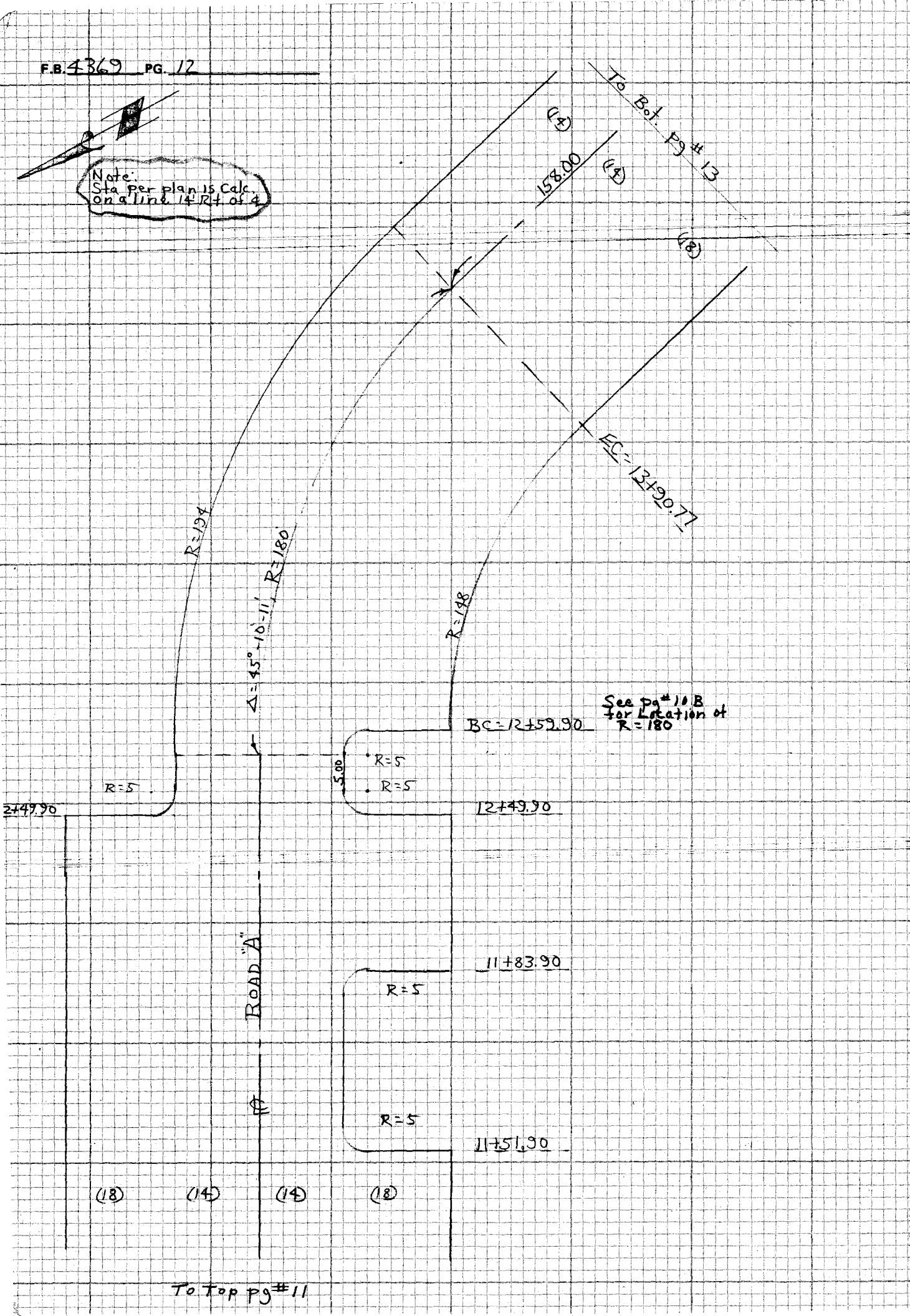
CENTERLINE NOTES
CE 310
76F3096-4/7

F.B. 4369 PG. 12



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76F3095-4/73

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Notes Ck'd by	Survey of El Cariso Pk. F.B. 4369 PG 13
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes Date
Date	Indexed SEP 14 1976

To Bot. Pg# 14

Note:
Sta per plan is Calc on a line 14' Rt. of ℄

17+67.66

R=5

500.00

Road "A"

17+19.66

R=5

4.80

R=5

EC=17+05.66

See Pg# 10B. for Location of R=185

BC=15+48.27

R=171

R=185

R=217

Δ=45°-10'-11"

(R)

158.00

(R)

(R)

To Top Pg# 12

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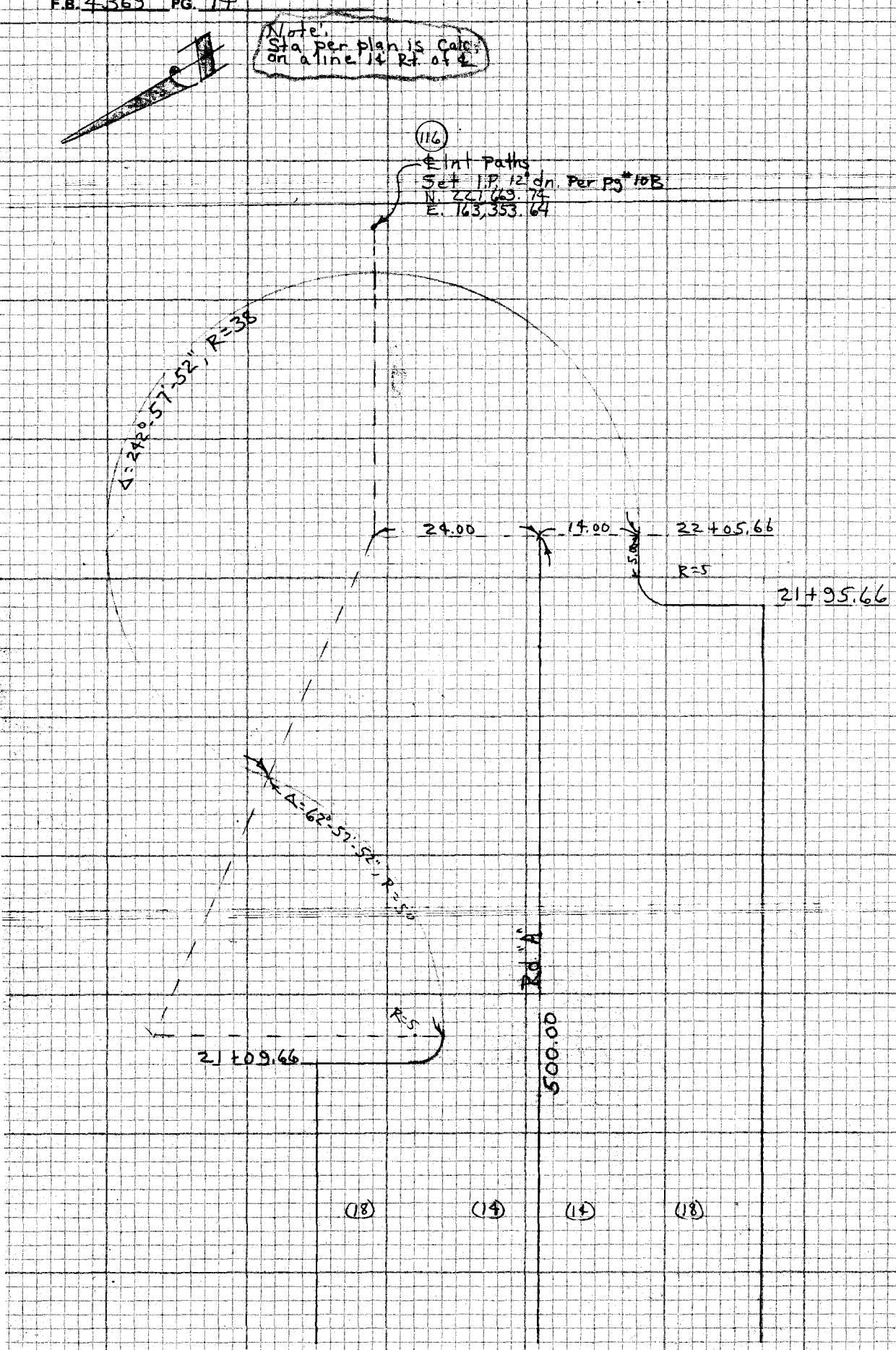
CE 310
76F3005 4/75



To Top pg # 13

CE 310
76F3095-4/73

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NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Cariso PK. F.B. 4369 PG. 15

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 7-17-75

DATE _____ INDEXED E. M. PALMER DATE SEP 14 1976

STATION	B.S.	H.I.	F.S.	ELEV.				
	Curb Grades on Entrance Rd. "A" from Hubbard St. to N.E. Cor PK.							
BM # 7				1441.52	BM # 7, El. = 1441.52, 2" I.P. Conc. Plug & Br. Nail 18" dn. N 228,500 E 162,000			
					Grade Top cb.	Pvmt Grade	Sub Grd	Cut or Sub Grd
0+00	P.C.C. R=18', R=5'			1447.56	1448.15		46.98	C 0.58.
28' Lt.	B.C. R=5'				48.71		47.54	
0+05	F.L. cb P.I.			1447.77		47.80	47.13	C 0.64.
5' Rt	E.C. R=5'				48.40		47.23	
18' Rt.	Cor. cb.			1447.21	48.66		47.49	F 0.28.
38' Lt.	cb. P.I.			1448.38		48.36	47.85	C 0.69.
33' Lt.	E.C. R=5'				49.06		47.89	
46' Lt.	Cor. cb.			1449.08	49.32		48.15	C 0.93.
0+50	F.L.			1449.39		49.15	48.48	C 0.91.
18' Rt.	cb. Face			1448.85	50.01		48.84	C 0.01.
46' Lt.	cb. "			1451.18	50.67		49.50	C 1.68.
1+00	F.L.			1451.44		50.65	49.98	C 1.46.
18' Rt.	cb. Face.			1450.74	51.51		50.34	C 0.49.
46' Lt.	cb. "			1452.80	52.17		51.00	C 1.80.
1+16 BVC.	F.L. cb P.I.			1452.09		51.13	50.46	C 1.63.
5' Rt.	B.C. R=5'				51.73		50.56	
18' Rt.	Cor. cb.			1451.68	51.99		50.82	C 0.86.
38' Lt.	cb. P.I.			1452.98		51.69	51.02	C 1.96.
33' Lt.	B.C. R=5'				52.29		51.12	
46' Lt.	Cor. cb.			1453.55	52.55		51.38	C 2.17.
1+21	E.C. R=5'				51.80		50.63	
28' Lt.	E.C. R=5'				52.36		51.19	
1+26					52.01		50.84	
28' Lt.					52.57		51.40	
1+36				1452.79	52.53		51.36	C 1.43.
28' Lt.				1453.91	53.09		51.92	C 1.99.
1+46					53.18		52.01	
28' Lt.					53.74		52.57	
1+56 E.V.C.				1453.60	54.04		52.87	C 0.73.
28' Lt.				1454.35	54.60		53.43	C 0.92.
1+70.13 BVC.				1454.55	55.32		54.15	C 0.40.
28' Lt.				1455.96	55.88		54.71	C 1.25.
1+75.15					55.76		54.59	
28' Lt.					56.32		55.15	
1+80.13					56.18		55.01	
28' Lt.					56.74		55.57	

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PROFILE LEVELS CE 307 76-L-298-4/71

F.B. 4369 PG. 16

JOB NO. 9943.02 SURVEY OF El Cariso Pk NOTES RED.
SURVEY BY Burkholder DATE
NOTES BY D.L.B. DATE 7- -75 NOTES CHKD.
INDEXED [redacted] DATE SEP 14 19[redacted] DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Grade Top cb.	Pvmt Grade	-0.67 SubGrd.	Conf S.G.
1+85.13					1456.60		55.93	
28 Lt.					57.16		55.97	
1+90.13					57.00		55.83	
28' Lt.					57.56		56.39	
1+95.13					57.38		56.21	
28' Lt.					57.94		56.77	
2+00.13					57.74		56.57	
28' Lt.					58.30		57.13	
2+05.13					58.09		56.92	
28' Lt.					58.65		57.48	
2+10.13				1456.31	58.43		57.26	F 0.95.
28' Lt.				1457.20	58.99		57.82	F 0.62.
2+15.13					58.74		57.57	
28' Lt.					59.30		58.13	
2+20.13					59.05		57.88	
28' Lt.					59.61		58.44	
2+25.13					59.33		58.16	
28' Lt.					59.89		58.72	
2+30.13					59.60		58.43	
28' Lt					60.16		58.99	
2+35.13					59.86		58.69	
28' Lt.					60.42		59.25	
2+40.13					60.09		58.92	
28 Lt					60.65		59.48	
2+45.13	B.C.	R=5			60.32		59.15	
28' Lt.	B.C.	R=5			60.88		59.71	
2+50.13 EVC.	F.L.			1458.48		60.03	59.36	F 0.88.
5' Rt.	E.C.	R=5			60.60		59.43	
18' Rt.	Cor.	cb.		1458.23	60.86		59.69	F-1.46.
28' Lt.	cb	P.I.		1459.37		60.59	59.92	F 0.55.
33' Lt.	EC.	R=5'			61.16		59.99	
46' Lt	Cor	cb.		1460.04	61.42		60.25	F 0.21.
3+00	F.L.			1461.00		62.01	61.34	F 0.34.
18' Rt.	cb.			1460.65	62.85		61.68	F 1.03.
46' Lt.				1462.71	63.41		62.24	F 0.47.
3+52.13 B.V.C.	F.L.			1464.01		64.08	63.41	F 0.60.
5' Rt.	B.C.	R=5			64.68		63.51	
18' Rt.	Cor	cb.		1463.51	64.94		63.77	F 0.26.

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NOTES RED. _____ JOB NO. 3943.02 SURVEY OF El Carlo PK | F.B. 4369 PG. 17

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 7-75

DATE _____ INDEXED L. M. PALMER DATE SEP 14 1978

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

STATION	B.S.	H.I.	F.S.	ELEV.	Grade Top Cb.	Pvmt Grd.	-0.67 Subgrd	Corr. S.G.
3+52.13 BVC.								
28' Lt.	Cb. P.I.			1464.88		1464.64	63.97	C 0.91
33 Lt.	BC. R=5'				1464.74		63.57	
46' Lt.	Cor Cb.			1465.33	65.50		64.38	C 1.00
3+57.13 B.C. R=161=P.C.C. R=5' F.L.								
28' Lt.	E.C. R=5							
3+62.13	F.L.							
28' Lt.								
3+67.13	F.L.							
28' Lt.								
3+72.13				1464.96		65.18 SG	64.51	C 0.45
28' Lt				1465.73		65.74	65.07	C 0.66
3+77.13								
28' Lt.								
3+82.13								
28' Lt.								
3+87.13								
28' Lt.								
3+92.13	PRVC.			1465.87		66.88 SG	66.21	F 0.34
28' Lt.				1466.99		67.44	66.77	C 0.22
4+00.04								
28' Lt.								
4+07.95								
28' Lt.								
4+15.85								
28' Lt.								
4+23.76				1467.48		69.48 SG	68.81	F 1.33
28' Lt.				1468.47		70.04	69.37	F 0.90
4+31.67								
28' Lt.								
4+39.58						70.34 SG		
28' Lt.						70.90		
4+44.90						70.55		
28' Lt.	PRC. R=20'			1469.57		71.11	70.44	F 0.87
4+47.49				1468.00		70.66 SG	69.99	F 1.79
28' Lt.				1469.73		71.22	70.55	F 0.82
4+55.39								

F.B. 4369 PG. 18

JOB NO. 3943.02 SURVEY OF El Cariso Pk NOTES RED.

SURVEY BY Burkholder DATE

NOTES BY D.L.B. DATE 7-75 NOTES CHKD.

INDEXED L. M. PALMIERI DATE SEP 14 1976 DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Grade Top Cb.	Print Grade	-0.67 Sub Grade	Cor'r S.G.
4+63.30								
4+71.21				1468 56		71.18 SC	70.51	F 1.95
28' Lt.				1470 22		71.75	71.08	F 0.86
4+79.12								
4+87.03								
4+94.93				1469 37		71.05	70.38	F 1.01
28' Lt				1471 36		71.61	70.94	C 0.44
4+97.52						71.00		
28' Lt.	PRC	R=20		1471 37		71.56	70.89	C 0.48
5+02.84						70.86		
28' Lt.						71.42		
5+10.75								
28' Lt.								
5+18.66				1469 66		70.27	69.60	C 0.06
28' Lt				1471 38		70.83 SC	70.16	C 1.72
5+26.57								
28' Lt.								
5+34.47								
28' Lt.								
5+42.38								
28' Lt.								
5+50.29	PRVC.			1469 89	68.71	68.21	67.54	C 0.86
28' Lt.				1471 57	69.27	68.77 SC	68.10	C 3.47
5+55.29								
28' Lt.								
5+60.29								
28' Lt.								
5+65.29								
28' Lt.								
+70.29				1469 27	67.26	66.76	66.09	C 3.18
28' Lt.				1471 61	67.82	67.32 SC	66.65	C 4.96
+75.29								
28' Lt.								
+80.29								
28' Lt.								

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NOTES RED. _____ JOB NO. 3943.02 SURVEY OF El Carlso PK F.B. 4369 PG. 19

DATE _____ SURVEY BY Burksholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 7- -75

DATE _____ INDEXED _____ DATE SEP 14 1978

STATION	B.S.	H.I.	F.S.	ELEV.	Grade Top Cb.	Pvmt Gr.	+0.67 Sub Grd.	Comp S.G.
5+85.29								
28' Lt.								
5+90.29	EVC.			1468.97		65.74	65.07	C-3.90
28' Lt.				1471.01		66.30	65.63	C-5.38
6+00						65.37		
28' Lt.						65.93		
6+09.90	EC. R=175			1468.51	65.48	64.98	64.31	C-4.20
28' Lt.				1470.31	66.04	65.54	64.87	C-5.44
6+13.90	BC. R=5				65.32	64.82		
16+18.90	cb. P.I.			1468.33		64.63	63.96	C-4.37
5' Rt.	EC. R=5							
18' Rt.	Cor cb.			1467.30	65.49	64.99	64.32	C-2.98
6+50				1467.15	63.91	63.41	62.74	C-4.41
18' Rt.				1466.37		63.78	63.11	C-3.26
28' Lt.				1468.21		63.98	63.31	C-4.90
6+61.90	B.C. R=5							
6+62.90	F.L.			1466.92		62.75	62.08	C-4.34
28' Rt.				1465.33		63.11	62.44	C-2.89
28' Lt.	cb. P.I.			1467.30	63.81	63.31	62.64	C-4.66
33' Lt.	E.C. R=5					63.41		
46' Lt.	Cor cb.			1468.00	64.17	63.67	63.00	C-5.00
7+00				1464.44		61.94	60.79	C-3.65
18' Rt.				1463.81		61.82	61.15	C-2.66
46' Lt.				1465.72	62.88	62.38	61.71	C-4.01
7+47.90	cb. P.I.			1461.36		59.53	58.92	C-2.44
5' Rt.	B.C. R=5					59.09		
18' Rt.	Cor cb.			1460.78		59.95	59.28	C-1.50
46' Lt.				1462.91	61.01	60.51	59.84	C-3.07
7+52.90	E.C. R=5							
7+64.90	B.C. R=5							
7+69.90				1459.91		58.74	58.07	C-1.84
5' Rt.	EC. R=5					58.89		
18' Rt.	Cor. cb.			1459.15		59.10	58.43	C-0.72
8+01.90				1458.43		57.50	56.83	C-1.60
18' Rt.				1457.94		57.86	57.19	C-0.75
28' Lt.	cb. P.I.			1459.74		58.06	57.39	C-2.35
33' Lt.	B.C. R=5							
46' Lt.	Cor. cb.			1460.02	58.92	58.42	57.75	C-2.27
8+50.				1456.15		55.63	54.96	C-1.19
18' Rt.				1455.57		55.90	55.32	C-0.25
28' Lt.				1457.30		56.55	55.88	C-1.42

EC

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CE 307
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F.B. 4369 PG. 20

JOB NO. 9943.02 SURVEY OF El Cariso Pk. NOTES RED.

SURVEY BY Burkholder DATE

NOTES BY D.L.B. DATE 7-75 NOTES CHKD.

INDEXED L. M. PALMER DATE SEP 14 1976 DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Grade To Pt.	Prmt Grd.	-0.67 Sub Grd	Corr. S.G.	
9+00	F.L.					1453.68	53.01		
18' Rt.						54.04	53.37		
28' Lt.						54.24	53.57		
9+50	F.L.					51.73	51.06		
18' Rt.						52.09	51.42		
28' Lt.						52.29	51.62		
9+79.90	B.V.C. cb. P.I.					50.56	49.89		
5' Rt.	B.C. R=5					50.66			
18' Rt.	Cor. cb.					50.92	50.25		
9+84.90	E.C. R=5								
9+94.90	F.L.					49.90	49.23		
28' Lt.						50.46	49.79		
10+09.90	E.V.C. & F.L.					49.11	48.44		
28' Lt.						49.67	49.00		
10+29.90	B.V.C. & F.L.					47.97	47.30		
28' Lt.						48.53	47.86		
10+39.90	F.L.					47.44	46.77		
28' Lt.						48.00	47.33		
10+44.90	B.C. R=5								
10+49.90	cb. P.I. & E.V.C. & F.L.					47.00	46.33		
5' Rt.	E.C. R=5								
18' Rt.	Cor. cb.					47.36	46.69		
28' Lt.						47.56	46.89		
10+82.90	28' Rt. = BC, R=5								
10+87.90	F.L.					45.47	44.80		
18' Rt.						45.83	45.16		
28' Lt.	cb P.I.					46.03	45.36		
33' Lt.	E.C. R=5								
46' Lt.	Cor cb.					46.39	45.72		
11+00	F.L.					44.98	44.31		
18' Rt.						45.34	44.67		
46' Lt.						45.90	45.23		
11+51.90	cb. P.I. & F.L.					42.89	42.22		
5' Rt.	BC R=5					42.99	42.32		
18' Rt.	Cor. cb.					43.25	42.58		
46' Lt.						43.81	43.14		
11+56.90	EC, R=5								
11+78.90	B.C. R=5								

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NOTES RED. _____ JOB NO. 9944.02 SURVEY OF El Carlso Pk. F.B. 4369 PG. 21

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L. IS DATE 7- -75

DATE _____ INDEXED E. M. PALMER DATE SEP 14 1976

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

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STATION	B.S.	H.I.	F.S.	ELEV.	Grade Top Sb	Prmt Grd	-0.67 SubGrd	Conf S.G.
11+83.90	cb. P.I. & F.L.			1442 68		1441.60	1440.93	C-1 .75
5' Rt.	E.C. R=5					41.70		
18' Rt.	Cor. cb.			1441 75		41.96	41.29	C-0 .46
46' Lt.				1444 50		42.52	41.85	C-2 .65
12+00 •	F.L.			1442 07		40.95	40.28	C-1 .77
18' Rt.				1441 28		41.31	40.64	C-0 .67
46' Lt.				1443 83		41.87	41.20	C-2 .63
12+49.90	F.L.			1440 15		38.94	38.27	C-1 .68
5' Rt.	B.C. R=5					39.04		
18' Rt.	Cor. cb.			1439 [illegible]		39.30	38.63	C-0 .36
28' Lt.	cb. P.I.			1441 09		39.50	38.83	C-1 .23
46' Lt.	Cor. cb.			1443 51		39.86	39.19	C-2 .33
12+54.90	B.V.C. & E.C. R=5			1439 86		38.76	38.09	C-1 .77
28' Lt.	" " "			1440 92		39.32	38.65	C-2 .39
12+59.90	B.C. & Cor. cb.			1439 60		38.56	37.89	C-1 .30
28' Lt.	B.C.			1440 80		39.12	38.45	C-2 .35
12+64.90	F.L.							
28' Lt.								
12+69.90	F.L.							
28' Lt.								
12+74.90	F.L.			1439 08		37.88	37.21	C-1 .37
28' Lt.				1437 83		38.44	37.77	C-2 .66
12+79.90	F.L.							
28' Lt.								
12+84.90	F.L.							
28' Lt.								
12+89.90	F.L.							
28' Lt.								
12+94.90	E.V.C. & F.L.			1437 71		36.84	36.17	C-1 .54
28' Lt.				1438 86		37.40	36.73	C-2 .13
13+00 •	F.L.			1437 48		36.55	35.88	C-1 .60
28' Lt. •				1438 24		37.11	36.44	C-1 .80
13+25	F.L.							
28' Lt.								
13+50	F.L.			1434 67		33.75	33.08	C-1 .59
28' Lt.				1434 50		34.31	33.64	C-0 .86
13+75	F.L.							
28' Lt.								

BC

PROFILE LEVEL NOTES CE 307 76-L-298-4/73

H

F.B. 4369 PG. 22

JOB NO. 3940.02 SURVEY OF El Cariso PK NOTES RED. _____

SURVEY BY Burkholder DATE _____

NOTES BY D.L.B. DATE 7- -75 NOTES CHKD. _____

INDEXED PALMER DATE SEP 14 1978 DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	Grade Top Cb	Prmt Grd	-0.67 Subgrd	Cor F. S.G.	
13+90.77	EC & F.L.			1431 76		1431.47	1430.80	C- 1.13	EC
28' Lt.				1431 72		32.03	31.36	C- 0.96	
14+00	F.L.			1431 58		30.95	30.28	C- 1.24	
28' Lt.				1431 50		31.51	30.84	C- 0.66	
14+25	F.L.								
28' Lt.									
14+50	F.L.			1428 99		28.15	27.48	C- 1.51	
28' Lt.				1428 49		28.71	28.04	C- 0.45	
14+75	F.L.								
28' Lt.									
15+00	F.L.			1426 02		25.35	24.68	C- 1.34	
28' Lt.				1425 69		25.91	25.24	C- 0.45	
15+25	F.L.								
28' Lt.									
15+48.77	BC & F.L.			1423 13		22.62	21.95	C- 1.18	BC
28' Lt.				1422 69		23.18	22.51	C- 0.18	
15+75	F.L.								
28' Lt.									
16+00	F.L.			1420 07		19.75	19.08	C- 0.99	
28' Lt.				1420 08		20.31	19.64	C- 0.44	
16+25	F.L.								
28' Lt.									
16+50	F.L.			1417 49		16.95	16.28	C- 1.21	
28' Lt.				1417 54		17.51	16.84	C- 0.70	
16+85.66	BV.C & F.L.			1415 18		14.96	14.29	C- 0.89	
28' Lt.				1415 93		15.52	14.85	C- 1.08	
16+90.66	F.L.								
28' Lt.									
16+95.66	F.L.			1414 71		14.44	13.77	C- 0.94	
28' Lt.				1415 49		15.00	14.33	C- 1.16	
17+00.66	F.L.								
28' Lt.									
17+05.66	EC. & EVC. = Cor. Cb.			1414 12		14.00	13.33	C- 0.79	
28' Lt.	EC. & EVC. = Cor. Cb.			1415 16		14.56	13.89	C- 1.27	

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NOTES RED. _____ JOB NO. 2943.02 SURVEY OF EL CARISO PARK F.B. 4369 PG. 23

DATE _____ SURVEY BY RANDALL

NOTES CHKD. _____ NOTES BY " DATE 23-JUL-75

DATE _____ INDEXED R. M. PALMER DATE SEP 14 19[illegible]

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

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

STATION	B.S.	H.I.	F.S.	ELEV.						
B.M.				1411	09	A.B.'s L.P. AT COORD.				N 828,000 E 163,000
						GRADE FOR CURB	PVMT GRADE	-0.47 SUB GRADE	C/F SUB GRD	
17+05.66	E.C									EC
17+09.66	B.C.R.									
17+14.66				1414	04	1414.00	1413.64	1412.97	C	1.07
18'R				1413	89	1414.50	1414.00	1413.33	C	0.56
17+50				1412	39	1412.73	1412.23	1411.66	C	-0.73
18'R				1412	11	1413.09	1412.59	1411.92	C	0.19
17+62.66	B.C.R.						1411.72	1411.15		
28'L						1412.78	1412.28	1411.61		
17+67.66							1411.52	1410.85		
46'L			4.00%	1412	52	1412.94	1412.44	1411.77	C	0.75
18+00				1410	22		1410.23	1409.56	C	-0.96
18'R				1409	94	1411.09	1410.59	1409.92	C	-0.02
46'L				1411	09	1411.65	1411.15	1410.48	C	-0.61
18+50				1408	09		1408.23	1407.56	C	0.53
18'R				1408	18	1409.09	1408.59	1407.92	C	0.26
46'L				1409	29	1409.65	1409.15	1408.48	C	0.81
19+00				1406	24		1406.23	1405.56	C	0.48
18'R				1405	76	1407.09	1406.59	1405.92	F	0.16
46'L				1407	60	1407.65	1407.15	1406.48	C	1.42
19+30.66	B.V.C.			1405	13		1405.00	1404.33	C	0.80
18'R				1405	28	1405.86	1405.36	1404.69	C	0.59
46'L				1406	33	1406.42	1405.92	1405.28	C	1.08
19+43.16	NOT SET		CURVE							
18'R	"	"								
46'L	"	"								
19+55.66				1404	38		1404.07	1403.40	C	0.98
18'R				1404	00	1404.93	1404.43	1403.76	C	0.29
46'L				1405	80	1405.49	1404.99	1404.32	C	-1.98
19+68.16	NOT SET		VERTICAL							
18'R	"	"								
46'L	"	"								
19+80.66	E.V.C.			1403	64		1403.28	1402.61	C	-1.03
18'R				1403	20	1404.14	1403.64	1402.97	C	0.23
46'L			3.00%	1405	40	1404.70	1404.20	1403.53	C	1.87

F.B. 4369 PG. 24

JOB NO. 3943.02 SURVEY OF El Caeiso Park NOTES RED. ____

SURVEY BY RANDALL DATE ____

NOTES BY " DATE 23-JUL-75 NOTES CHKD. ____

INDEXED E. M. PALMER DATE SEP 1 1975 DATE ____

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE TOP CURB	PVMT. GRADE	-0.67 SUB GRADE	C/F SUBGRADE
20+00				1402.70		1402.70	1402.03	C-0 67
18'R				1402.70	1403.56	1403.06	1402.39	C-0 31
46'L				1404.98	1404.12	1403.62	1402.95	C-2 03
20+50				1401.58	—	1401.20	1400.53	C-1 05
18'R				1401.42	1402.06	1401.56	1400.89	C-0 53
46'L				1403.85	1402.62	1402.12	1401.45	C-2 40
21+00				1400.33	—	1399.70	1399.03	C-1 30
18'R				1399.93	1400.56	1400.06	1399.39	C-0 54
46'L				1402.63	1401.12	1400.62	1399.95	C-2 68
21+09.66				1400.60	—	1399.40	1398.74	C-1 36
46'L			3.00 TO	1402.50	1400.83	1400.33	1399.66	C-2 84
21+14.66 B.C.R.				—	—	1399.26	1398.59	
28'L					1400.32	1399.82	1399.15	
21+27.28 B.C.				—	—	1398.88	1398.21	
28'L				1401.31	1399.94	1399.44	1398.77	C-2 57
21+50				1399.33	—	1398.20	1397.53	C-1 89
18'R				1398.51	1399.06	1398.56	1397.89	C 0 62
21+53.39				—	—	1398.10	1397.43	
35.36'L M.O.C.				1400.75			1397.80	C-2 95
21+95.66				—	—	1396.83	1396.16	
18'R				1397.23	1397.69	1397.19	1396.52	C-0 71
22+00.66 B.C.R (GRD. BRK.)				—	—	1396.48	1396.01	
22+05.66 B.C.				1397.49	1396.73		1395.56	C 1.93
P.R.C. (CUL-DE-SAC) (R=38')				1401.10	1398.03		1396.86	C 4.24
Δ = ~~18°-50-50"~~				1400.71	1397.78		1396.61	C 4.10
Δ = 37°-41-40"				1400.67	1397.58		1396.36	C 4.31
Δ = 56°-32-30"				1399.87	1397.28		1396.11	C 3.74
Δ = 75°-23-20"				1399.11	1397.03		1395.86	C 3.25
Δ = 94°-14-10"				1398.48	1396.78		1395.61	C 2.87
Δ = 113°-05-00"				1398.15	1396.53		1395.36	C 2.79
Δ = 131°-55-50"				1397.79	1396.28		1395.11	C 2.68
Δ = 150°-46-40"				1397.69	1396.03		1394.86	C 2.83
Δ = 169°-37-30"				1396.97	1395.78		1394.61	C 2.36
Δ = ~~173°-26-23"~~				1396.95	1395.73		1394.56	C 2.39
Δ = 188°-28-20"				1396.91	1395.94		1394.77	C 2.14
Δ = 207°-19-10"				1396.94	1396.21		1395.04	C 1.90
Δ = 226°-10-00"				1397.29	1396.49		1395.32	C 1.97

5 Clockwise R = 38' to CTR. C.B.

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NOTES RED. _____ JOB NO. 7940.02 SURVEY OF El Cariso Pk F.B. 4369 PG. 25

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 7-·75

DATE _____ INDEXED L. M. PALMER DATE SEP 14 1976

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

Locate & Grds Entrance Rd C 2+40 ℄ Hubbard St.

STATION	B.S.	H.I.	F.S.	ELEV.	Grade Top Ch.	Pvmt Grd.	-0.67 Sub Grd.	Cor F S.G.
BM # 7				1441.52				
℄ @ Exist. Cb.				1479.72				
14' Rt. & Sq.				78 69				
14' Lt. & No.				80 79				
0+20								
14' Rt				1474 13		78.84	78.17	F-4.09.
14' Lt.				1475 81		80.29	79.62	F-3.81.
0+32.70								
14' Rt.				1473 47		78.78	78.11	F-4.64.
14' Lt.				1475 16		79.93	79.26	F-4.10.
0+44								
14' Lt.				1475 39		78.85	78.18	F-2.79.
0+48								
14' Rt.				1473 31		77.70	77.03	F-3.72.
0+56								
14' Lt.				1474 32		77.07	76.40	F-2.08.
0+72								
14' Rt.				1472 44		75.30	74.63	F-2.19.
14' Lt.				1473 17		75.30	74.63	F-1.96.
0+91.33								
14' Rt.	BCR.			1471 22		73.74	73.07	F-1.85.
14' Lt.	BCR.			1472 00		73.66	72.99	F-0.99.
Moc Rt.				1470 27		72.42	71.75	F-1.48.
Moc Lt.				1471 87		72.60	71.93	F-0.06.
ECR Rt.				1469 73		71.11	70.44	F-0.21.
ECR Lt.				1471 36		71.50	70.83	C-0.53.

NOTES RED. _____ JOB NO. _____ SURVEY OF _____ F.B. _____ PG. 26A

DATE _____ SURVEY BY _____

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED E. M. PALMER DATE SEP 14 197[illegible]

STATION	B.S.	H.I.	F.S.	ELEV.	Grade Top Sb.	-1.17 SubGrade	C or F Sub-Grd.
		Rough Grade Park Lot "A"					
BM #7				1441.52			
0+30							
19' Rt		49.58		1447 6	1449.58	48.41	F-0 8
19' Lt.		50.56		48 2	1450.56	49.39	F-1 2
P.I.		47.20		45 6	47.20	46.03	F-0 4
⊄ Pt. bk		47.04		45 8	47.04	45.87	F-0 1
Mid pt.		✓		42 6	43.98	42.81	F-0 2
⊄ pt bk		40.92		38 9	40.92	39.75	F-0 9
B.C.		40.70		39 2	40.70	39.53	F-0 3
E.C.		40.57		38 9	40.57	39.40	F-0 5
Mid pt.		✓		35 5	36.72	35.55	Grd.
B.C. R=35		32.86		29 7	32.86	31.69	F-2 0
M.O.C. R=35		✓		28 7	32.33	31.16	F-2 5
E.C. R=35		✓		28 5	31.80	30.63	F-2 4
B.C. R=48 @ C.B.	✓	✓		28 8	31.50	30.33	F-1 5
P.I. R=70	✓	✓		29 5	32.04	30.87	F-1 8 ✓
20.78 fr. ⊄ Bk = P.I.		✓		31 9	32.33	31.16	C-0 7 ✓
⊄ Pt. Bk	✓	✓		31 3	32.44	31.27	Grd.
⊄ Pt Bk	✓	✓		33 7	35.10	33.93	F-0 2
P.I. front	✓	✓		33 2	34.85	33.68	F-0 5
⊄ Pt cb.	✓	✓		38 2	38.87	37.70	C-0 5
Mid Pt.		✓		40 0	41.83	40.66	F-0 7
⊄ Pt		✓		43 3	44.79	43.62	F-0 3
E.C. R=51		✓		44 6	45.98	44.81	F-0 3
M.O.C.		✓		45 5	46.61	45.44	C-0 1
B.C. R=51		✓		46 5	47.23	46.06	C-0 4

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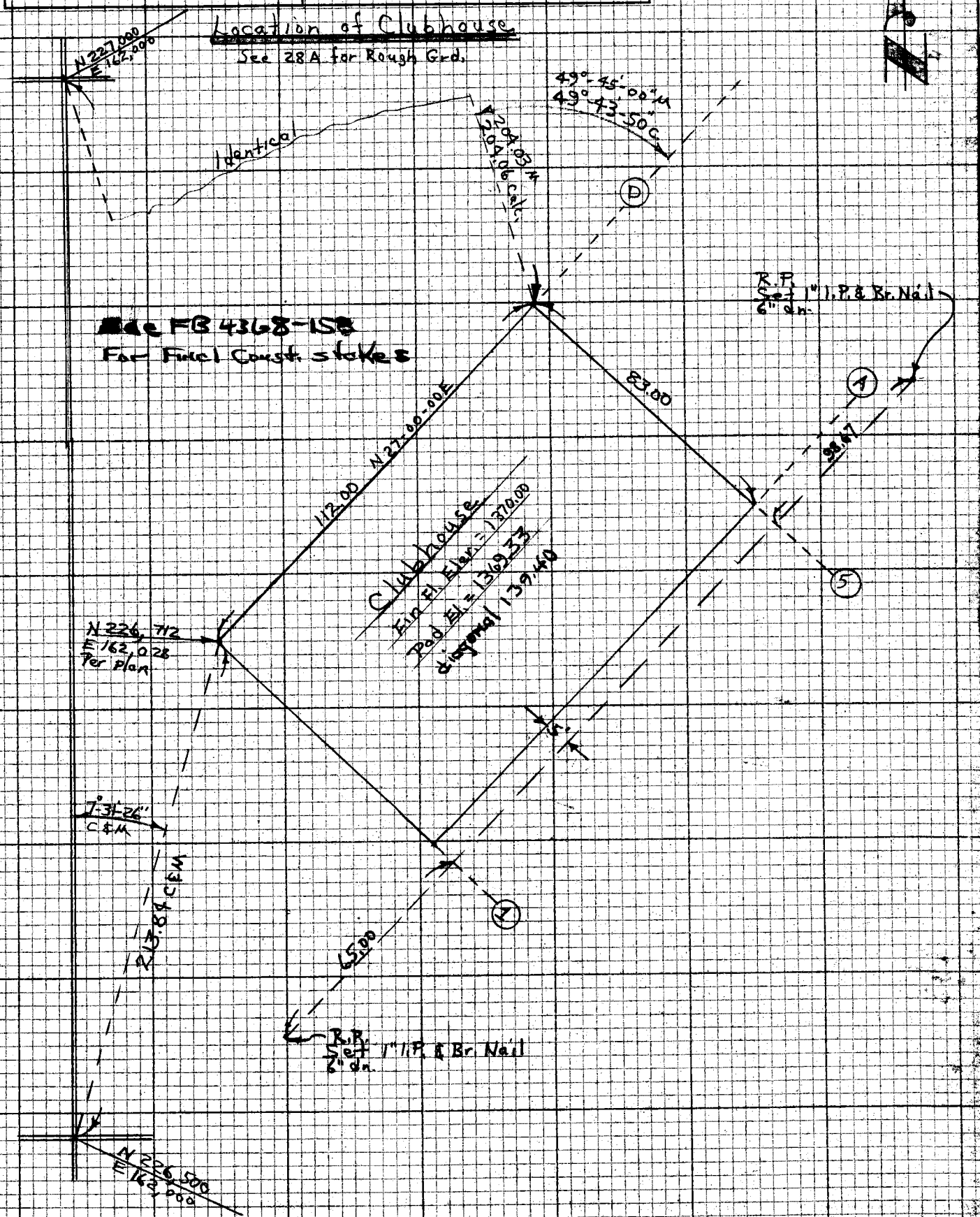
PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

Notes Ck'd by	Survey of El Cariso Pk	F.B. 4369 PG 27
Map No.	JN 9943.02 Tape Std °F	
Office Work	Surveyed by Burkholder	
Checked	Notes D.L.B. Date 7-75	
Date	Indexed R. M. PALMER SEP 14 1976	



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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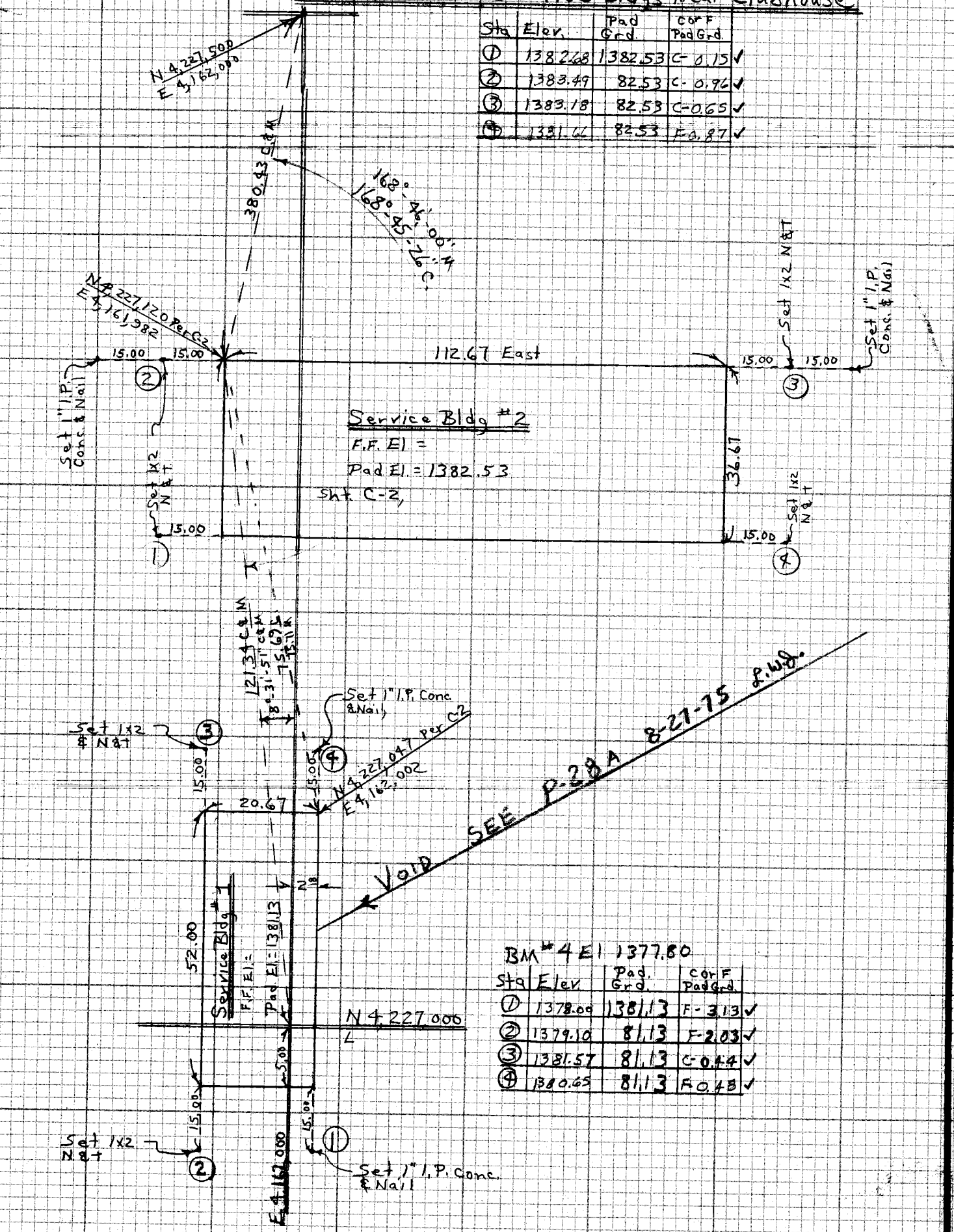
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4369 PG. 28

Location of 2 Service Bldgs Near Clubhouse

Sta	Elev.	Pad Grd.	C or F Pad Grd.	
1	1382.68	1382.53	C-0.15	✓
2	1383.49	82.53	C-0.96	✓
3	1383.18	82.53	C-0.65	✓
4	1381.66	82.53	F-0.87	✓



BM #4 El 1377.80

Sta	Elev.	Pad. Grd.	C or F Pad Grd.	
1	1378.00	1381.13	F-3.13	✓
2	1379.10	81.13	F-2.03	✓
3	1381.57	81.13	C-0.44	✓
4	1380.65	81.13	F-0.48	✓

CE 310
76F3095-4/73

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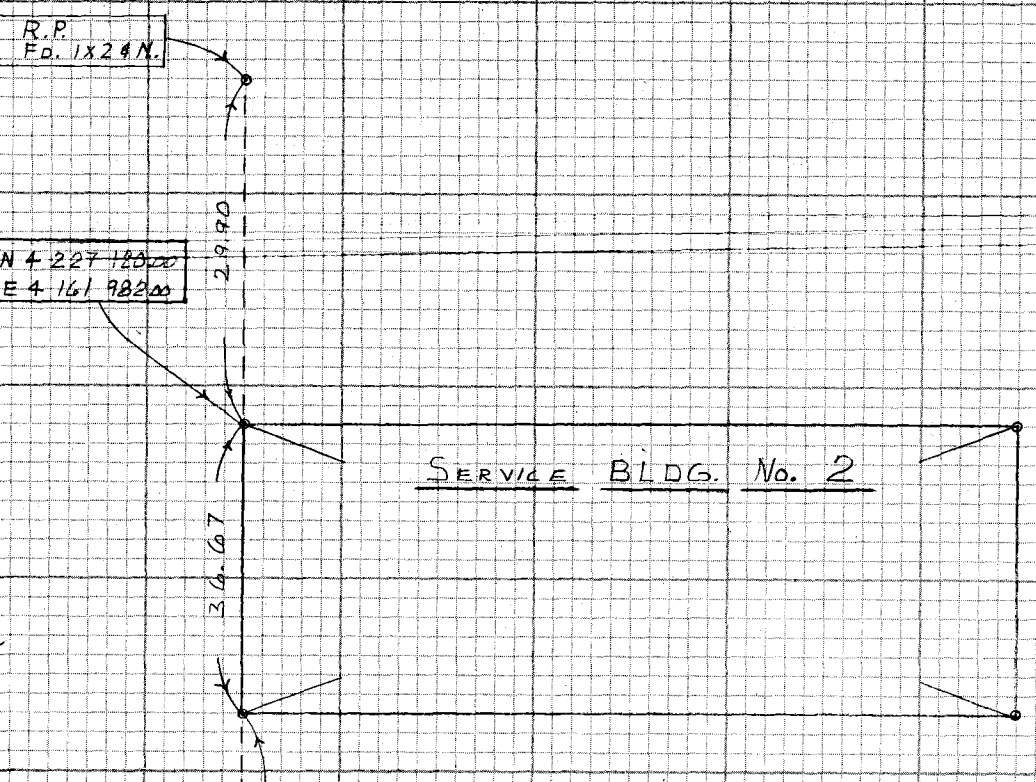
LOCATION OF SERVICE BLDG.S 1 & 2

F.B. 4369 PG. 28 A

NEAR CLUBHOUSE



CE 310
76F3095-4/73

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CENTERLINE N
CE 310
76F3095 4/73

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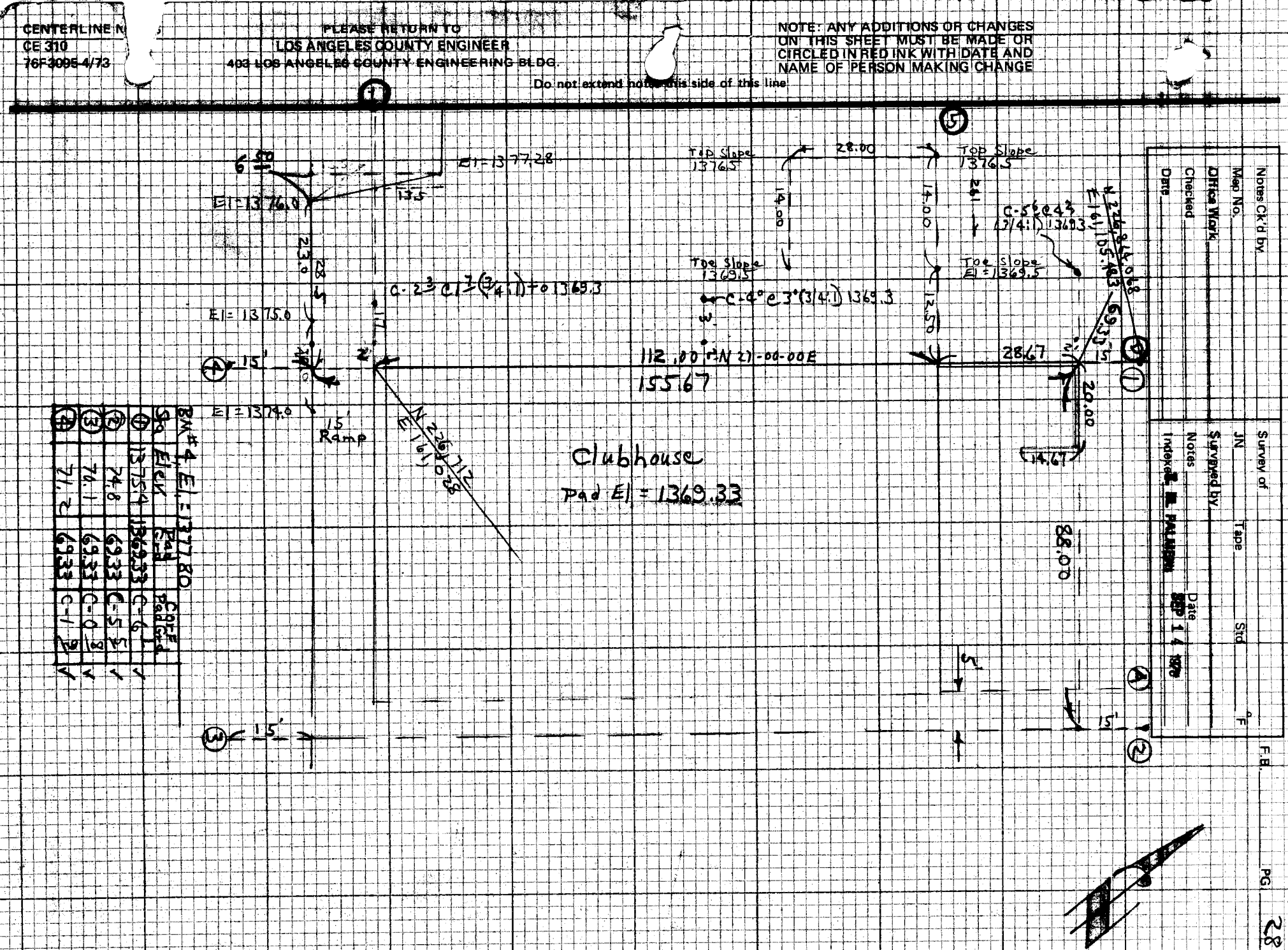


Notes Ck'd by

Map No.

Office Work

Checked

Date

Survey of El Cariso Pk

JN 9943.02 Tape Std °F

Surveyed by Burkholder

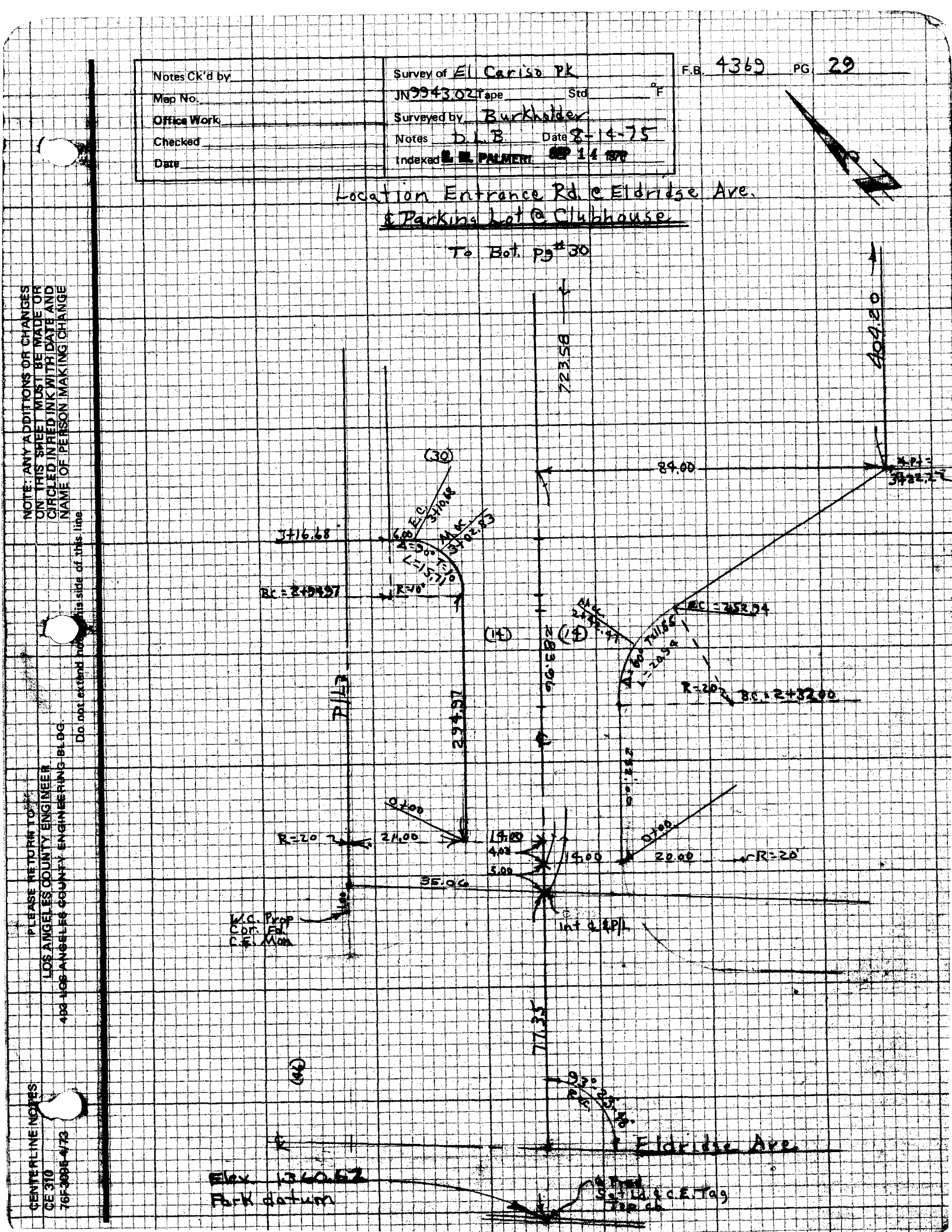
Notes D.L.B. Date 8-14-75

Indexed L. E. PALMER SEP 14 1976

F.B. 4369 PG 29

Location Entrance Rd. @ Eldridge Ave.
& Parking Lot @ Clubhouse

To Bot. Pg # 30



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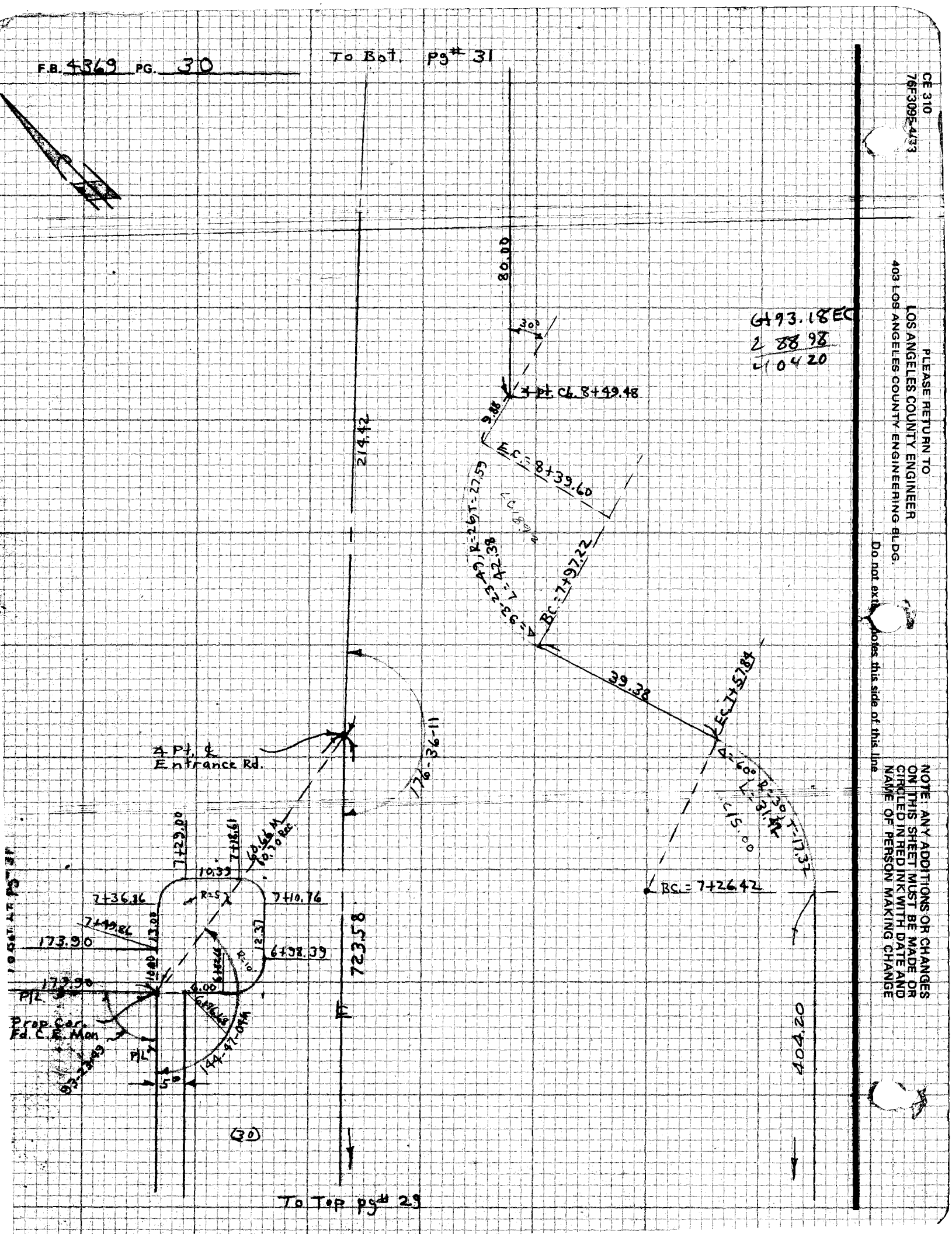
433 HOA LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3006-4/73

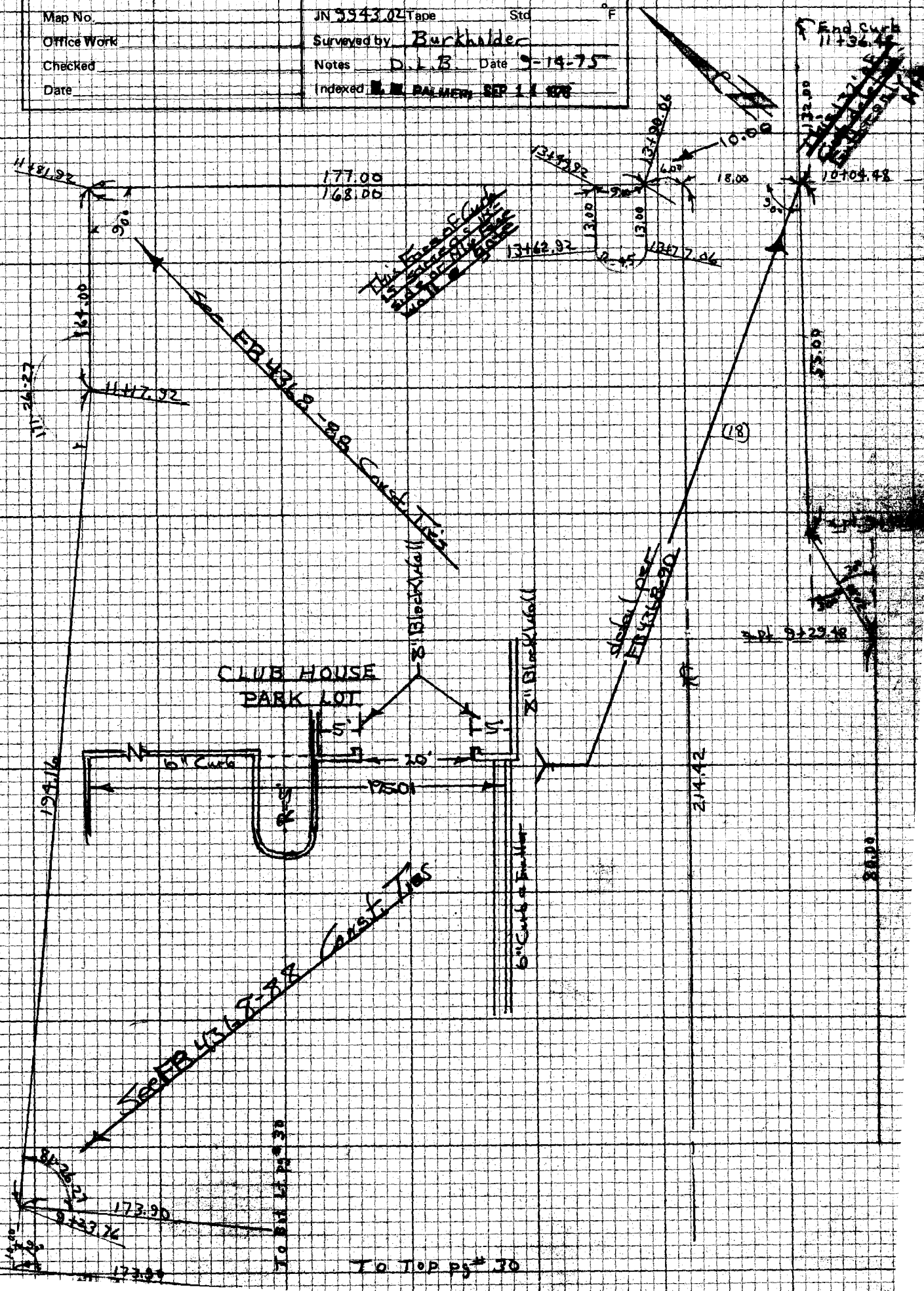
F.B. 4369 PG. 30

To Bot. Pg# 31



Notes Ck'd by	Survey of El Cariso Pk
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 9-14-75
Date	Indexed [redacted] PALMER SEP 1 1 1976

F.B. 4369 PG. 31



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CENTERLINE NOTES
CE 310
76F3095-4/73

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF EL CARISO Co. PARK F.B. 4369 PG. 33

DATE _____ SURVEY BY BURK HOLDER

NOTES CHKD. _____ NOTES BY JONES DATE 8-14-75

DATE _____ INDEXED E. M. PALMERI DATE SEP 14 1976

STATION	B.S.	H.I.	F.S.	ELEV.				
ROUGH GRADES FOR CLUB HOUSE ROAD - "RIGHT CB" INTERSECTING ELDRIDGE AVE								
B.M. # 16				1371.62	B.M. # 16 EL. = 1371.62 C.E. MON. ∡ Pt IN P/L			
					GRADE TOP CB.	PV MT. GRADE	-0.67 SUB GRD.	SUB GRA C OR F
0+00				60.89	1360.36		1359.19	C-1.70
0+25					1360.72		1359.55	
0+50				60.44	1361.08		1359.91	C-0.53
0+75					1361.44		1360.27	
1+00				60.42	1361.80		1360.63	F-0.21
1+25					1362.16		1360.99	
1+50				60.64	1362.52		1361.35	F-0.71
1+75					1362.88		1361.71	
2+00				61.23	1363.24		1362.07	F-0.84
2+25					1363.60		1362.43	
B.C. R=20' 2+30				61.77	1363.70		1362.53	F-0.76
M.O.C 2+42.47					1363.82		1362.65	
E.C. 2+52.94				61.63	1363.93		1362.76	F-1.13
2+75					1364.15		1362.98	
3+00				61.75	1364.41		1363.24	F-1.49
∡ Pt. 3+22.22				61.68	1364.63		1363.46	F-1.78
3+50				62.21	1365.13		1363.96	F-1.75
+75					1365.58		1364.41	
4+00				63.04	1366.03		1364.86	F-1.82
+25					1366.48		1365.31	
+50				64.42	1366.93		1365.76	F-1.34
+75					1367.38		1366.21	
5+00				65.21	1367.83		1366.66	F-1.45
+25					1368.28		1367.11	
+50				66.61	1368.73		1367.56	F-0.95
+75					1369.18		1368.01	
6+00				67.10	1369.63		1368.46	F-1.36
+25					1370.08		1368.91	
+50				68.30	1370.53		1369.36	F-1.06
+75					1370.98		1369.81	
7+00				69.33	1371.43		1370.26	F-0.93
B.C. R=30' 7+26.42				1369.83	1371.91		1370.74	F-0.91

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PROFILE LEVEL NOTES CE 307 76-L-298-4/73

F.B. 4369 PG. 34

JOB NO. 9943.02 SURVEY OF EL CARISO PARK NOTES RED.

SURVEY BY JONES DATE

NOTES BY L.W.J. DATE 8-25-75 NOTES CHKD.

INDEXED L. M. PALMER DATE SEP 14 1976 DATE

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE TOP CB.	PV MT. GRADE	-0.67 SUB GRD.	SUB GRD CHK F
.O.C. 7+42.13				1370.19	1372.85		1371.18	F-0.99
C 7+57.94				70.70	1372.79		1371.62	F-0.92
7+75					1373.27		1372.10	
C. 7+97.22				71.83	1373.90		1372.73	F-0.90
O.C. 8+18.41				72.38	1374.50		1373.33	F-0.95
C. 8+39.60				72.71	1375.01		1373.84	F-1.13
Pt. 8+49.48				72.77	1375.25		1374.08	F-1.31
+75					1375.88		1374.71	
9~				73.83	1376.50		1375.33	F-1.50
+25					1377.13		1375.96	
Pt. 9+29.48				74.44	1377.24		1376.07	F-1.63
9+40					1377.50		1376.33	
Pt. 9+49.48				74.62	1377.69		1376.52	F-1.90
9+75					1378.20		1377.03	
9+90					1378.50		1377.33	
10~				75.38	1378.64		1377.47	F-2.09
10+04.48					1378.70		1377.53	
+50				76.60	1379.32		1378.15	F-1.55
+75					1379.66		1378.49	
11~				77.71	1380.00		1378.83	F-1.12
+25					1380.34		1379.17	
D CB. 11+30.48				77.92	1380.50		1379.33	F-1.41

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76-L-298-CE 307-4/73

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NOTES RED. _____ JOB NO. 9943.02 SURVEY OF EL CARISO CO. PARK F.B. 4369 PG. 35

DATE _____ SURVEY BY JONES

NOTES CHKD. _____ NOTES BY L.W. J. DATE 8-26-75

DATE _____ INDEXED [illegible] PALMER DATE SEP 14 1976

STATION	B.S.	H.I.	F.S.	ELEV.			
		ROUGH GRADES FROM ELDRIDGE AVE TO CLUBHOUSE ON PARK RD ON 5 OFFSET LINE WEST'LY SIDE OF ROAD					
B.M. #16				1371 62	PROP. COR # 16 EL = 1371.62		
					GRADE PV MT. -0.67 CORF		
					TOP CB. GRADE	SUB GRD	SUB GRD
E.C. 0+00				1360 56	1361.18	1360.01	C-0.55
+25					1361.49	1360.32	
+50				1360 72	1361.81	1360.64	C-0.08
+75					1362.12	1360.95	
1~				1360 58	1362.44	1361.27	F-0.69
+25					1362.75	61.58	
+50				1360 74	1363.07	61.90	F-1.16
+75					1363.38	62.21	
2~				1361 36	1363.70	62.53	F-1.17
+25					1364.01	62.84	
+50				1362 15	1364.33	63.16	F-1.01
+75					1364.64	63.47	
B.C. 2+94.97				1363 26	1364.89	63.72	F-0.46
M.O.C. 3+02.83					1365.00	63.83	
E.C. 3+10.68				1363 19	1365.11	63.94	F-0.75
∡ Pt. 3+16.68				1363 72	1365.19	64.02	F-0.30
3+25					1365.36	64.19	
+50				1364 39	1365.86	64.69	F-0.30
+75					1366.36	65.19	
4~				1365 38	1366.86	65.69	F-0.31
+25					1367.36	66.19	
+50				1366 24	1367.86	66.69	F-0.45
+75					1368.36	67.19	
5~				1367 38	1368.86	67.69	C-0.31
+25					1369.36	68.19	
+50				1368 59	1369.86	68.69	F-0.10
+75					1370.36	69.19	
6~				1369 73	1370.86	69.69	C-0.04
+25					1371.36	70.19	
+50					1371.86	70.69	
∡ Pt. 6+76.68				1371 62	1372.39	71.22	C-0.40
B.C. 6+82.68							
E.C. 6+98.39							
B.C. 7+10.76							

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CE 307
76-L-298-4/73

F.B. 4369 PG. 36

JOB NO. 9943.02 SURVEY OF EL CARISO Co. PARK NOTES RED.

SURVEY BY L.W. JONES DATE

NOTES BY L.W.J. DATE 8-21-75 NOTES CHKD.

INDEXED L. M. PALMER DATE 9 14 DATE

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE PVMT TOP CURB GRD.	-0.67 C OR F SUB GRD	SUB GRD
. 7+18.61							
7+29.00					1373.30		
7+36.86					1373.42		
7+49.86				1371.67	1373.54	1372.37	F-0.70
+50					1373.54	1372.37	
+75					1373.80	1372.63	
8~				72.33	1374.06	1372.89	F-0.56
+25					1374.32	1373.15	
+50				73.17	1374.58	1373.41	F-0.24
+75					1374.84	1373.67	
9~				74.42	1375.10	1373.93	C-0.49
9+23.76				74.94	1375.36	1374.19	C-0.75
+25					1375.39	1374.22	
9+41.76					1375.85	1374.68	
+50				76.04	1375.97	1374.80	C-1.24
9+71.76					1376.30	1375.13	
+75					1376.33	1375.21	
10 ~				76.68	1376.99	1375.82	C-0.86
10+01.76					1377.18	1376.01	
+25					1377.43	1376.26	
10+37.76					1377.62	1376.45	
+50				77.89	1377.99	1376.82	C-1.07
10+72.76					1378.34	1377.37	
+75					1378.57	1377.40	
~				78.69	1379.10	1377.93	C-0.76
11+17.92				79.12	1379.48	1378.31	C-0.81
+25					1379.63	1378.46	
.50				79.80	1379.76	1378.59	C-0.81
60.92					1380.38	1379.21	
75					1380.62	1379.45	
+81.92				80.25	1380.74	1379.57	C-0.68
1~				79.72	1380.57	1379.40	C-0.32
25					1380.33	1379.16	
50				78.28	1380.09	1378.92	F-0.64
75					1379.85	1378.68	
~				76.86	1379.61	1378.44	F-1.58
5					1379.37	1378.20	
49.92				75.74	1379.12	1377.95	F-2.21
62.92							
77.06							
70.06							

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76-L-298-CE 307-4/73

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NOTES RED. _____ JOB NO. [illegible] SURVEY OF El Cariso Reg. Park F.B. 4369 PG. 37

DATE _____ SURVEY BY L.W. Jones

NOTES CHKD. _____ NOTES BY [illegible] DATE 8-21-75

DATE _____ INDEXED L. M. PALMER DATE SEP 14 1976

Contour (1358) by scaled & distance

Lake 'C'

ROUGH GRADES FOR LAKE LOCATED BETWEEN GREENS No. 5F AND No. 6C PER SHT. GC-5

STATION	B.S.	H.I.	Elev.	ELEV.	1358.0 CONTOUR	C or F	Meas	Scale	Cor to 1352
B.M. No. 2				1357.48	B.M. No. 2 EL = 1357.48			D.L.B	
		Points Set 1"x1" ø 4' Lathe							
H			1350 9	1358 2	1358	C- 0.2		34	F-1
I			523	1358 5	1358	C- 0.5		34	C-0
J			520	1358 7	1358	C- 0.7		34	G-d
K			523	1358 6	1358	C- 0.6		34	C-0
G			1352 0	1359 0	1358	C+ 1.0		38	G-c
F			516	1359 1	1358	C- 1.1		38	F-0
D				1359 2	1358	C- 1.2			
B			526	1359 4	1358	C- 1.4		33	C-0
A			531	1359 7	1358	C+ 1.7		60	C-1
C				1359 3	1358	C- 1.3			
E			1353 0	1359 2	1358	C- 1.2		33	C-1
L			534	1359 2	1358	C- 1.2		30	C-1
M			533	1359 2	1358	C- 1.2		35	C-1
N			530	1359 7	1358	C- 1.7		51	C-1
O				1359 8	1358	C- 1.8			
P			531	1359 7	1358	C- 1.7		31	C-1
Q			524	1359 0	1358	C- 1.0		33	C-
R			526	1358 2	1358	C- 0.2		33	C-
S			1352 0	1358 2	1358	C- 0.2		30	G
T				1357 3	1358	F- 0.7			
H			531	1357 0	1358	F- 1.0		26	C
V				1356 5	1358	F- 1.5			
W			1352 0	1356 8	1358	F- 1.2		31	C
X				1357 1	1358	F- 0.9			
A-1			1353 0					42	

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 38

JOB NO. 9943.02 SURVEY OF EL CARISO REG. PARK NOTES RED. _____

SURVEY BY L.W. JONES DATE _____

NOTES BY L.W.J DATE 9-4-75 NOTES CHKD. _____

INDEXED B. M. PALMER DATE SEP 14 19[illegible] DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		
						LAKE 'B'
		ROUGH GRADES FOR G.C. LAKE WITH WATER LEVEL-				
		1348.0 PER SHEET No. 42				
M. #16				1347.68	B.M.#16 EL.= 1347.68	
					LEFT ℄ RIGHT	
					POINTS SET ARE 1"x1" & 4' LATHE	
					NOTE CUTS OR FILL ARE TO 1349.0 CONTOUR	
0+00				1348 6		F-0.4
+25				1348 6	40' F-0.4	
+25				1348 0		55' F-1.0
+50				1344 0	12' GRD	
				1349 0	45' GRD	
+50				1344 0		37' GRD
				1348 3		70' F-0.7
+75				1349 0	44' GRD	
+75				1348 3		70' F-0.7
				1343 4	15' F 0.4	
1+00				1349 3	47' C-0.3	
				1344 0		37' GRD
1+00				1348 5		65' F-0.5
				1343 2	27' F-0.8	
+25				1349 6	59' C-0.6	
+25				1348 4		78' F-0.6
				1344 0	38' GRD	
+50				1350 0	84' C-1.0	
+50				1348 1		202' F-0.9
+75				1343 4		F 0.6
+75	1478	66' LT GRD.		1350 4	118' C-1.4	
				1345.0		178' C-1.0
+75				1348 2		203' F-0.8
				1347 6	90' C-0.8	
2+00				1350 7	184' C-1.7	
2+00				1348 4		195' F-0.6
2+02				1348 6		99' F-0.4
2+03				1349 5	25' C-0.5	
2+05				1349 5		C-0.5
+07				1349 0		49' GRD.
				1346 0		C 2.0
+09				1348 7		146' F-0.3
2+34				1351 0	125' C-2.0	
2+35				1350 1	50' C-1.1	
44				1350 7	100' C-1.7	
48				1350 5	75' C-1.5	

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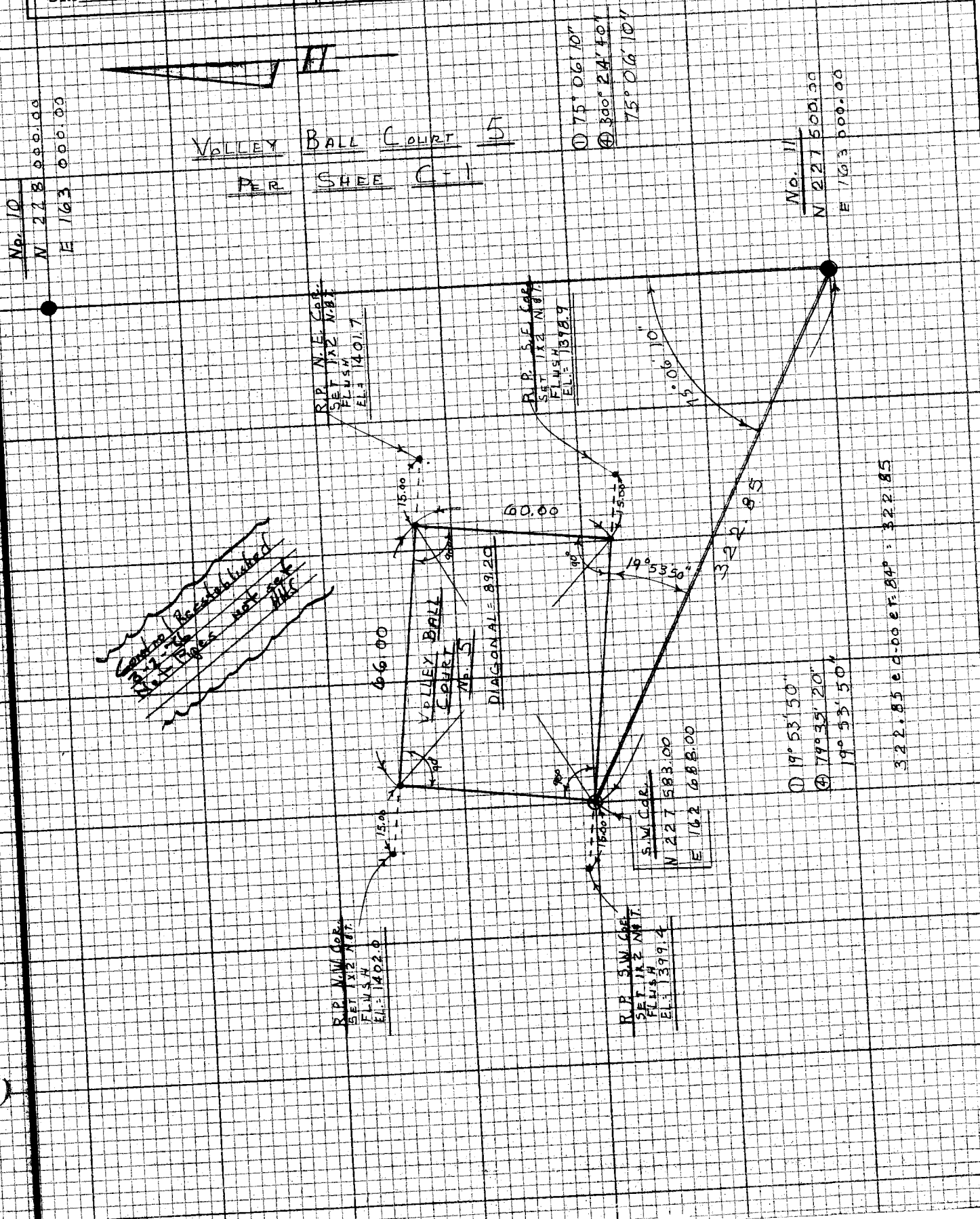
76-L 298-CE 307-4/73

Do not extend notes this side of this line

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

F.B. 4369 PG. 39

Notes Ck'd by	Survey of EL CARISO CO. PARK
Map No.	JN 1993.02 Tape Std °F
Office Work	Surveyed by L.W. JONES
Checked	Notes L.W.J. Date 8-25-75
Date	Indexed [redacted] PALMERI SEP 14 1976



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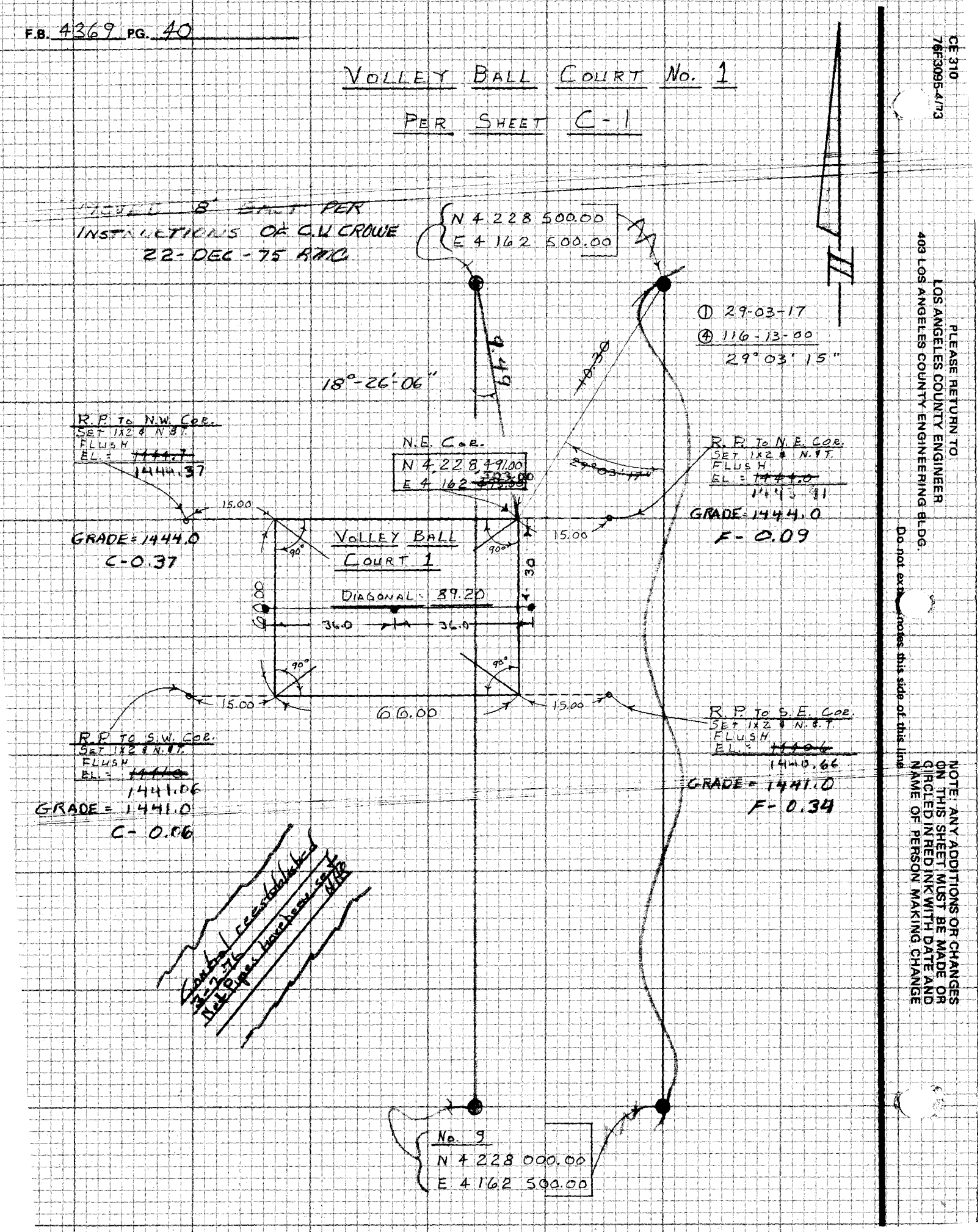
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4369 PG. 40

VOLLEY BALL COURT No. 1

PER SHEET C-1



Control reestablished 3-2-76 Net Pipes have been set

CE 310
76F3095-4/73

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

Notes Ck'd by	Survey of EL CARISO Co. Park
Map No.	JN 7943.02 Tape Std °F
Office Work	Surveyed by L.W. Jones
Checked	Notes L.W. J Date 9-26-75
Date	Indexed M. M. PALMERI SEP 14 1976

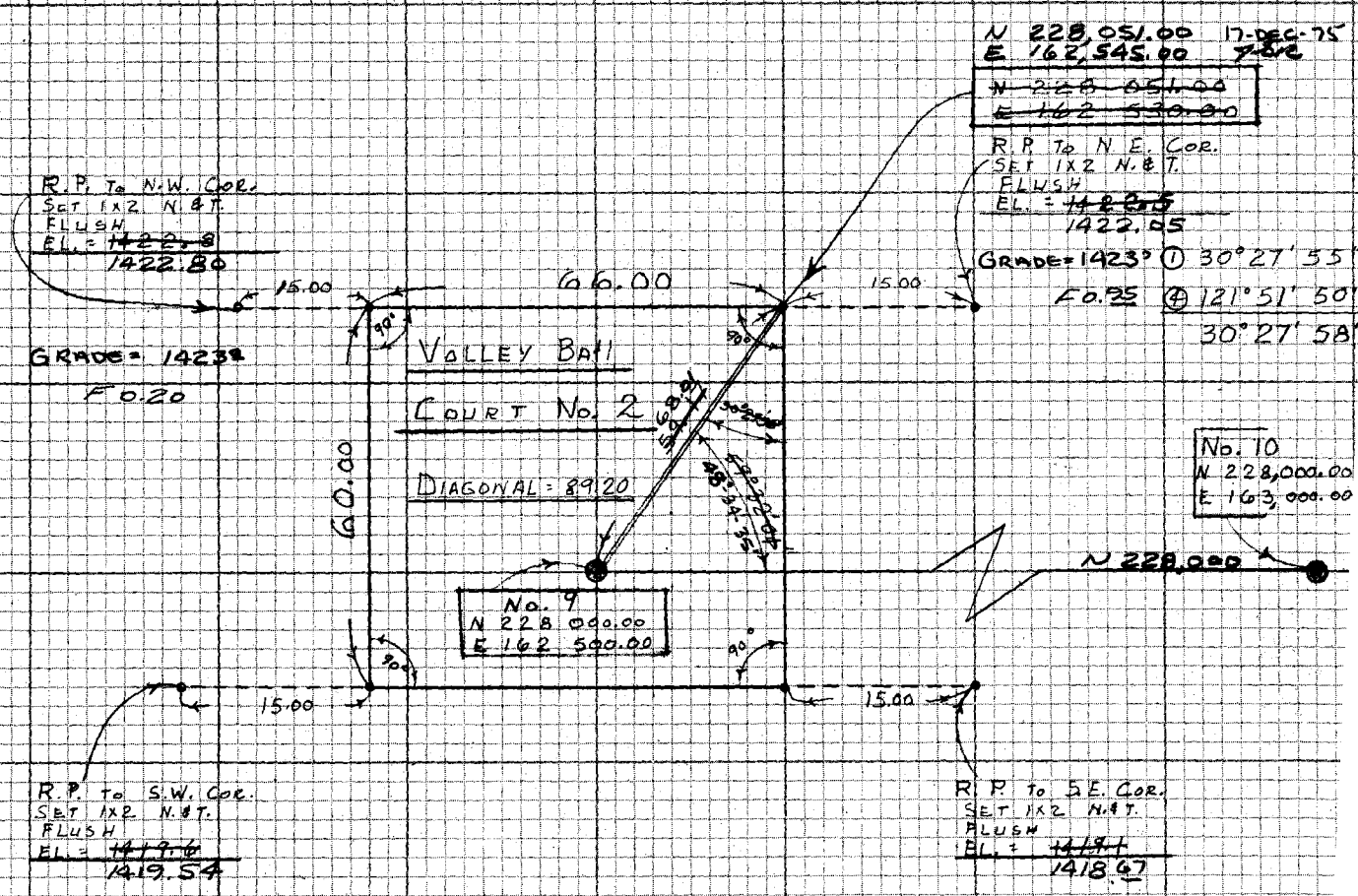
F.B. 4369 PG. 41

VOLLEY BALL COURT 2

PER SHEET C-1

Control Cross tabulated 3-7-76 Not Pipe shown because of HHS

MOVED 15' EAST PER INSTRUCTIONS OF C.V. CROWE
17-DEC-75 [illegible]



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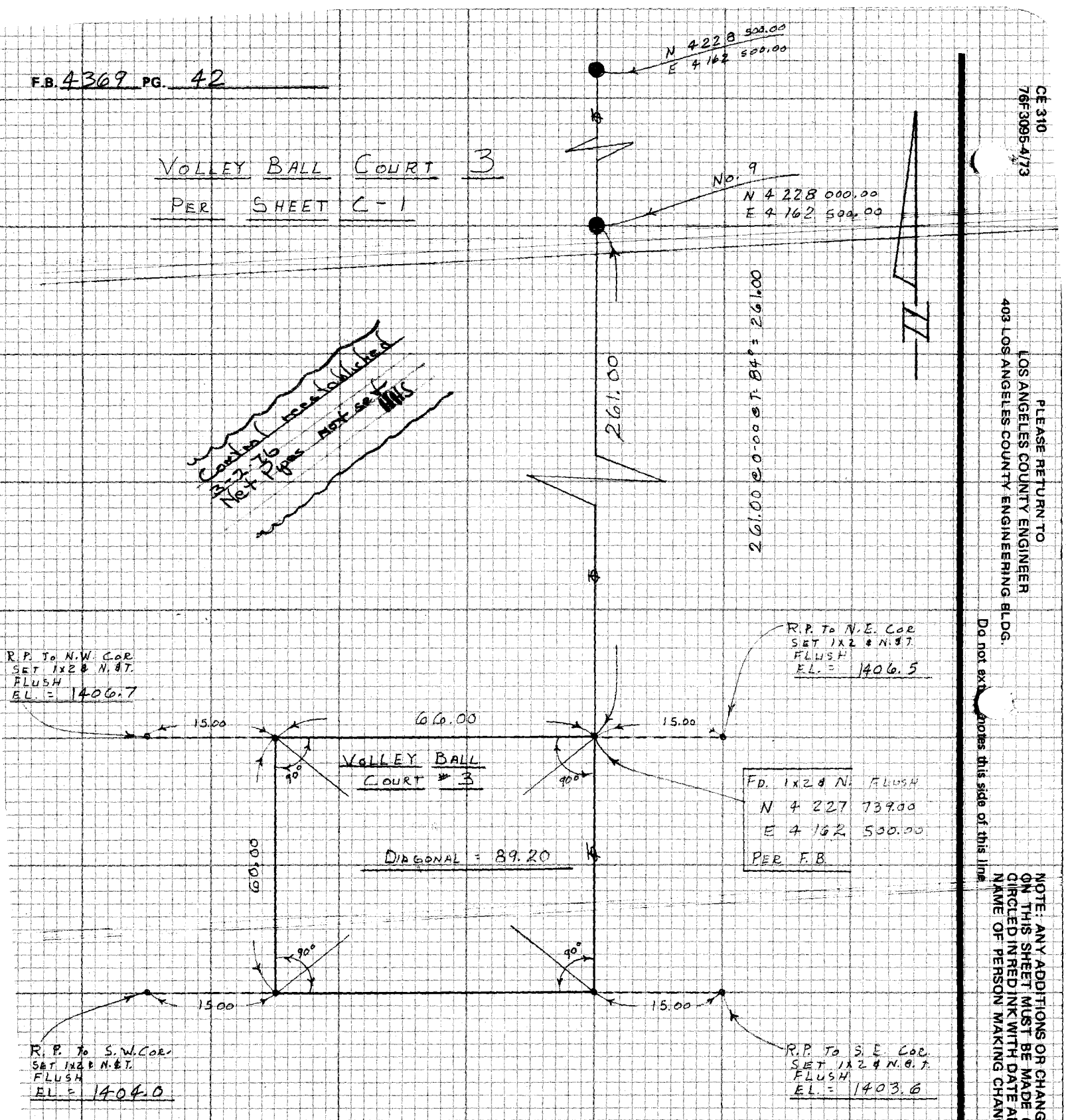
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4369 PG. 42



CE 310
76F3095-4/73

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

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF EL CARISO REG. PARK F.B. 1369 PG. 43

DATE _____ SURVEY BY _____

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED E. M. PALMER DATE SEP 14 1976

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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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

LaKe 'A'

ROUGH GRADES FOR G.C. LAKE WITH WATER LEVEL = 1349.5 PER SHEET 42

POINTS SET ARE 1x1" & 4' LATHE

B.M. # 16 — 1347.68 — B.M. # 16 1347.68

NOTE CUTS OR FILLS ARE TO 1350 CONTO

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	#	RIGHT
0+00				1351.0		C-1.0	
0+17				1351 5	20' C-1.5		
0+17				1350 5		65'	C-0.5
0+25				1348 2		18'	C-3.2
0+42				1351 2	20' C-1.2		
				1345 0		50'	1345.0
0+42				1350 6		90'	C-0.6
				1345 0	16' R 1345		
0+67				1351 3	11' C-1.3		
				1345 0		72'	1345
0+67				1350 4		112'	C-0.4
				1345 0	21' R 1345.0		
0+92				1351 6	9' C-1.6		
				1345 0		52'	1345 CRED
0+92				1350 4		112'	C-0.4
				1345 0	17' R 1345.0		
1+17				1351 6	14' C-1.6		
				1345 5		35'	C 0.5
1+17				1350 8		63'	C-0.8
				1346 5	17' R C 1.5		
1+42				1351 8	28' C-1.8		
				1346 0		25'	C 1.0
1+42				1351 0		52'	C-1.0
				1345.8	15' C 0.8		
1+67				1352 1	56' C-2.1		
				1346 0		22'	C 1.0
1+67				1351 3		50'	C-1.3
				1346 5	28' C 1.5		
1+92				1352 2	62' C-2.2		
				1346 5		25'	C 1.5
1+92				1351 4		52'	C-1.4
				1347 4	24' C 2.4		
2+17				1352 4	51' C-2.4		
2+17				1351 4		48'	C-1.4
2+21						1345.0	
2+47				1351 6		C-1.6	

F.B. 4369 PG. 44

JOB NO. 9943.02 SURVEY OF El Cariso Regional Park NOTES RED.

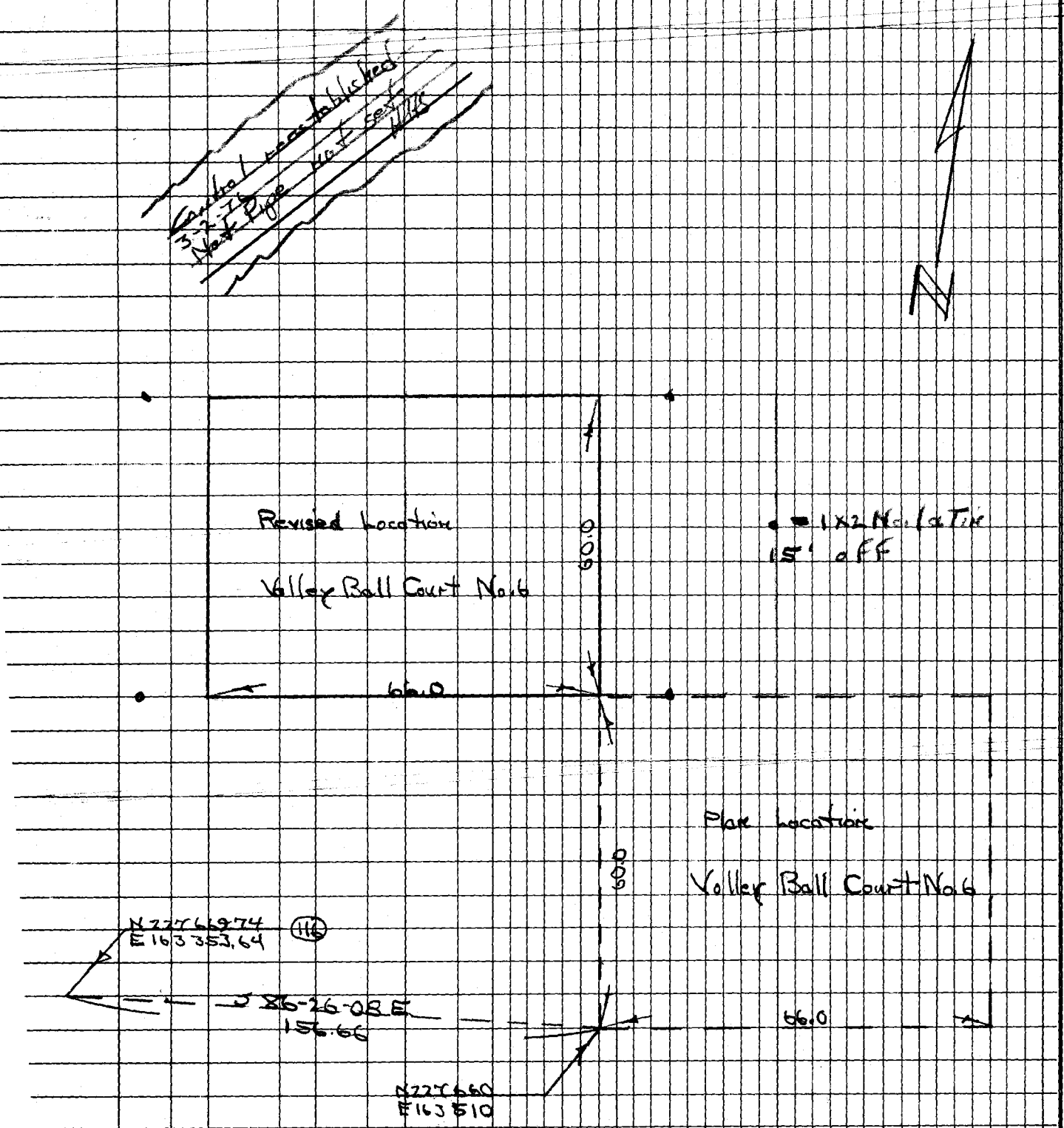
SURVEY BY H H Spriggs DATE

NOTES BY HHS DATE NOTES CHKD.

INDEXED [redacted] PALMERI DATE SEP 14 1976 DATE

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

Control reestablished 3-2-76 Not Pipe not set HHS



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76-L-298-CE 307-4/73

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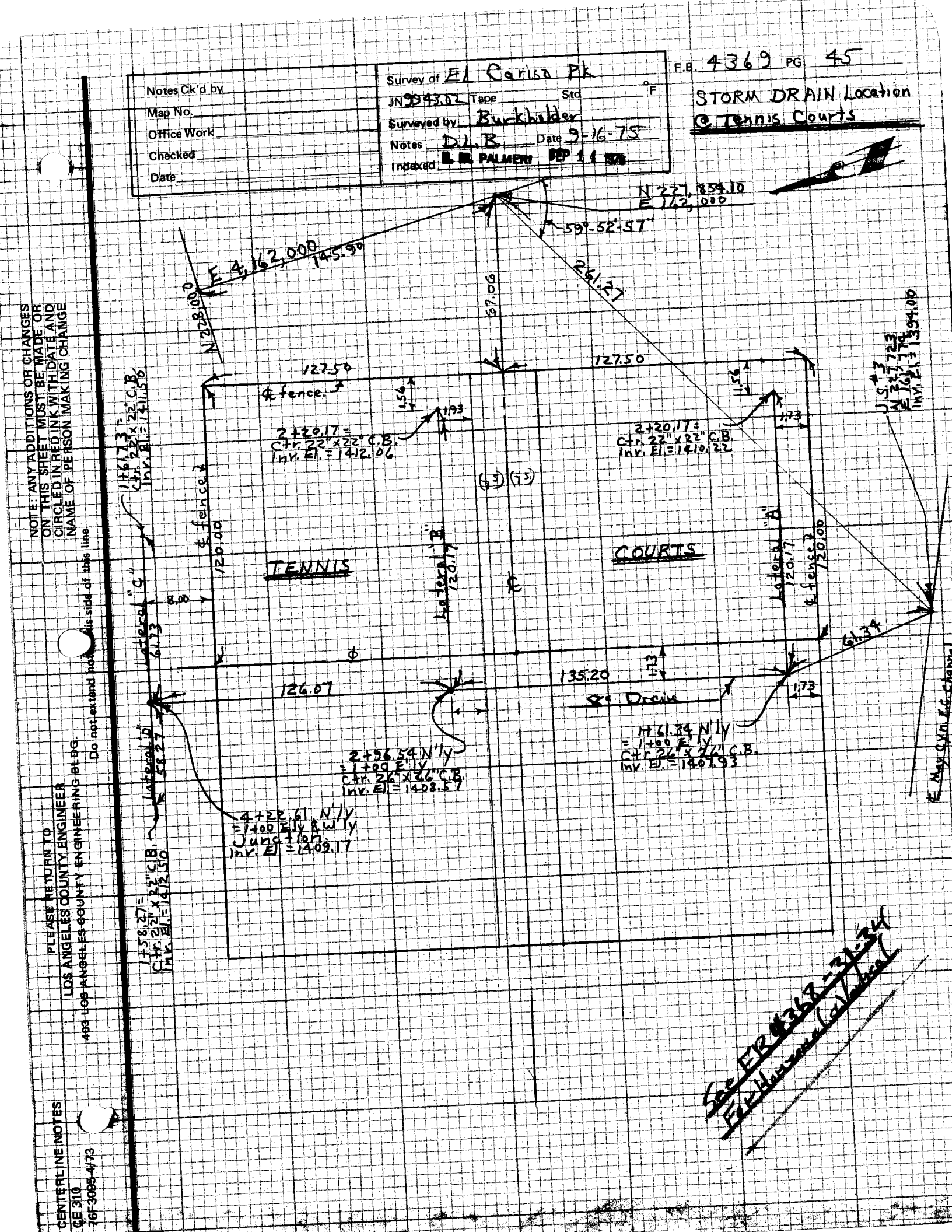
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

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

Survey of El Carisa Pk
JN 3943.02 Tape Std °F
Surveyed by Burkholder
Notes D.L.B. Date 9-16-75
Indexed E. M. PALMER SEP 1 6 1975

F.B. 4369 PG 45

STORM DRAIN Location
@ Tennis Courts



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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CENTERLINE NOTES
CE 310
76F-3095-4/73

NOTES RED. _____ JOB NO. 9940.02 SURVEY OF El Carisa Pk F.B. 4369 PG. 47

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D. L. B. DATE 9-16-75

DATE _____ INDEXED E. M. PALMER DATE SEP 14 1976

STATION	B.S.	H.I.	F.S.	ELEV.			
Grades for Storm Drain @ Tennis Courts							
BM.				140763	N'ly Weld on SDMH Rim, So. Tennis Courts		
					Grade	Cut.	%
1+00	Int. N.E'ly Wall of May Cyn S.D.			140468	1394.00	C-10.68	
1+30.67				140802	1400.97	C-7.05	22.709%
1+61.34 Ctr. C.B. & LINE BK. = 1+00 E'ly Lateral "A"				141212	1407.93	C-4.19	
1+61.34 LINE AHEAD				141210	1407.93	C-4.17	
2+28.94				141271	08.25	C-4.46	0.473%
2+96.54 Ctr. C.B. = 1+00 E'ly Lateral "B"				141420	1408.57	C-5.63	
3+59.58				141438	1408.87	C-5.51	
4+22.61 = Junction =		1+00 E'ly Lateral "C" 1+00 W'ly Lateral "D"		141539	1409.17	C-6.22	
1+00 Lateral "A" Ctr. C.B.				141222	1407.93	C-4.29	
1+05				141220	1408.03	C-4.17	1.906%
1+60.09				141183	1409.08	C-2.75	
2+20.17 Ctr. C.B.				141151	1410.22	C-1.29	
1+00 Lateral "B", Ctr. C.B.				141408	1408.57	C-5.51	
1+05				141403	1408.72	C-5.31	2.904%
1+60.09				141374	1410.32	C-3.42	
2+20.17 Ctr. C.B.				141343	1412.06	C-1.37	

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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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 48

JOB NO. 9940.02 SURVEY OF El Cariso Park NOTES RED. ____

SURVEY BY Burkholder DATE ____

NOTES BY D.L.B. DATE 9-16-75 NOTES CHKD. ____

INDEXED [redacted] PALMERI DATE SEP 14 1976 DATE ____

5.53

STATION	B.S.	H.I.	F.S.	ELEV.	Grade	Cut	%	
1+00 Lateral "C" (Junction)				1416 30	1409.17	C-7.13	6.75%	.
1+30.87				1416 38	1410.34	C-6.04		.
1+61.73	ctr. C.B.			1416 51	1411.50	C-5.01		.
1+00 Lateral "D" (Junction)				1416 30	1409.17	C-7.13		.
+ 29.14				1416 48	1410.83	C 5.65	5.71%	.
+58.27	ctr. C.B.			1416 50	1412.50	C-4.00		.
P				1416 03				
T.B.M.				1423 52	T.B.M. EL. = 1423.52			
					ENG. TREE NORTH TENNIS COURT			
					2 SMALL BOAT SPK.'S			

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76-L-298-CE 307-4/73

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NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Carisa Park F.B. 4369 PG 49

DATE _____ SURVEY BY Randall

NOTES CHKD. _____ NOTES BY " DATE Jul-'75

DATE _____ INDEXED [redacted] DATE SEP 14 1978

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

HUBBARD STREET

OFFSET LINE FOR NEW

CURB ALONG EASTLY SIDE

OFFSET = 22' FROM ℄

Note: See FB 4369-135-140 For Revised Curb Radius As Built

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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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 50

JOB NO. 9943.02 SURVEY OF El Caribe Park NOTES RED. ____

SURVEY BY Randall DATE ____

NOTES BY ____ DATE Jul - 75 NOTES CHKD. ____

INDEXED L. M. PALMER DATE SEP 14 1978 DATE ____

STATION	B.S.	H.I.	F.S.	ELEV.	HUBBARD STREET					
BMSP-2				1487 11	B.M. SP-2 Elev. = 1486.86 (Add 0.25' To Raise To L.A. City Datum) Hubbard St. S'ly Curb 33' S'ly From & & 143'± West'ly From Dimshaw Ave. A SPK & Co. Top Curb F.B. 3860-42 & 183					
		@ Grade Per Plan			Offset Line is 22' From &				New Grade Top Curb	New o/f Top Curb
					%	Grade Top Curb	C/F			
1+50		1486 51		1486 51	-2.96%	1486.58	F-0	07		
1+64.10				1485 47		1485.49	F-0	02		
2+06 BCR	Entry			1482 49		1482.27	C-0	22		
2+74 BCR				1477 65		1477.48	C-0	17		
3+00		1476 03		1475 78	-2.026	1475.65	C-0	13		
+50 GB				1472 31		1472.14	C-0	17		
4+00 G.B				1468 79	-2.06	1468.61	C-0	18		
+25						1466.85				
+50				1465 40		1465.19	C-0	21		
+75						1463.72				
5+00		1462.58		1462 72		1462.68	C-0	04		
+25 GB						1461.70				
5+50				1460 61	-1.01%	1460.70	F-0	09		
+										
6+00		1458 98		1458 61		1458.69	F-0	08		
+50				1456 59		1456.69	F-0	10		
7+00				1454 60	-1.01%	1454.68	F-0	08		
+50				1452 62		1452.68	F-0	06		
7+67 ACE	Entry			1451 94		1452.00	F-0	06		
8+45 BCR				1448 86		1448.87	F-0	01		
+50				1448 64		1448.67	F-0	03		
9+00		1446 98		1446 65	-1.01%	1446.67	F-0	02		
+50				1444 66		1444.66	GRADE			
10+00				1442 63		1442.65	F-0	02	1442.65	F 0.02
+50				1440 65		1440.68	F-0	03	1440.72	F 0.07
11+00				1438 72		1438.72	GRADE		1438.79	F 0.07
+50				1436 76		1436.25	C-0	01	1436.86	F 0.10
12+00				1434 82		1434.78	C-0	04	1434.93	F 0.11
+20					-3.933%	1434.00			—	0.86
+50				1432 97		1432.82	C-0	15	1433.00	F 0.03
13+00		1431 18		1431 08		1430.85	C-0	23	1431.07	C 0.01
+50				1429 16		1428.88	C-0	28	1429.14	C 0.02
						VOID	VOID			
						SEE NOTE ON NEXT PAGE				

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76-L-298-CE 307-4/73

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NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Caribo Park

DATE _____ SURVEY BY Randall

NOTES CHKD. _____ NOTES BY " DATE Jul-75

DATE _____ INDEXED E. M. PALMER DATE SEP 14 1976

F.B. 4369 PG. 51

% GRADE FOR PLAN

HUBBARD STREET

STATION	B.S.	HI.	F.S.	ELEV.	%	GRADE TOP CURB	C/F	NEW GRADE TOP CURB	NEW %	NEW C/F TOP CURB
13+95.82 C.B.						1427.08		1427.37		
14+00				14 27 27		1426.92	C-0.55	1427.21		00.98
14+20.82 BCR	Entry			1426 23		1425.94	C-0.29	1426.24		FO.01
14+92.82 BCR				1422 97		1423.18	F-0.21	1423.38		FO.41
15+00				1422 68		1422.89	F-0.21	1423.07		FO.39
+50				1420 70		1420.86	F-0.16	1421.05		FO.35
16+00		1419 20		1418 78		1418.84	F-0.06	1419.03		FO.25
+50 G.B				1416 85		1416.81	C-0.04	1417.01		FO.16
17+00				1415 10		1415.09	C-0.01	1415.29		FO.19
17+50 G.B				1413 41		1413.37	C-0.04	1413.57		FO.16
18+00				1411 77		1411.69	C-0.08	1411.90		FO.13
+50				1410 13		1410.02	C-0.11	1410.21		FO.08
19+00		1408 34		1408 43		1408.34	C-0.09	1408.54		FO.11
+50				1406 80		1406.67	C-0.13	1406.85		FO.05
20+00				1405 09		1404.99	C-0.10	1405.19		FO.10
20+39.51 End				1403 82		1403.67	C-0.15	1403.75		CO.07
20+64.51				1402 95		1402.83	C-0.12	1402.88		CO.18
BM 03-07440				1381 80		BM 03-07440 Elev. 1381.55 (ADD 0.25' To Raise To L.A. CITY DATUM.)				

OFFSET LINE IS 22' FROM ℄

HUBBARD & ELDRIDGE AVE. Fd a wire spk in S.W. Cb. Eldridge Ave. 2' S.E. of C.R. Per F.B. 3860-60

Check of Existing ℄ Elevation

Hubbard St

Sta.	elev.	Plan elev
3+00	1476.04	1476.03
14+00	1427.27	1427.26
20+00	1405.62	1405.63

NOTE: CHANGE IN TOP OF CURB GRADES PER TELEPHONE CONVERSATION WITH DAN RAYMOND OF VTN. ON 8-26-75 @ 3:40 P.M.

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Caeiso Park F.B. PG. 513

DATE _____ SURVEY BY RANDALL

NOTES CHKD. _____ NOTES BY _____ DATE Jul-75

DATE _____ INDEXED [redacted] DATE SEP 14 1976

STATION	B.S.	H.I.	F.S.	ELEV.	
	SLOPE STK'S ALONG HUBBARD ST. EASTERLY SIDE FROM 10+50 TO 13+50 5:1 SLOPE TO HINGE POINT (H.P.)				H.P. ELEV.
10+50	SET AT 1437.2			F 1' TO 1439.0 THEN F 2.0 @ 10' H.P. 5:1	(144
11+00	SET AT 1437.0			F 0.0 @ 0' NO SLOPE	(1439.0)
11+50	SET AT 1432.5			F 4.5 @ 22.5 H.P. 5:1	(1437.0)
12+00	SET AT 1430.8			F 4.3 @ 21.5 H.P. 5:1	(1435.1)
12+50	SET AT 1429.0			F 4' @ 20.5 H.P. 5:1	(1433.1)
13+00	SET AT 1428.9			F 3' @ 15.5 H.P. 5:1	(1431.1)
13+50	SET AT 1428.4			F 0.8 @ 4' H.P. 5:1	(1429.2)

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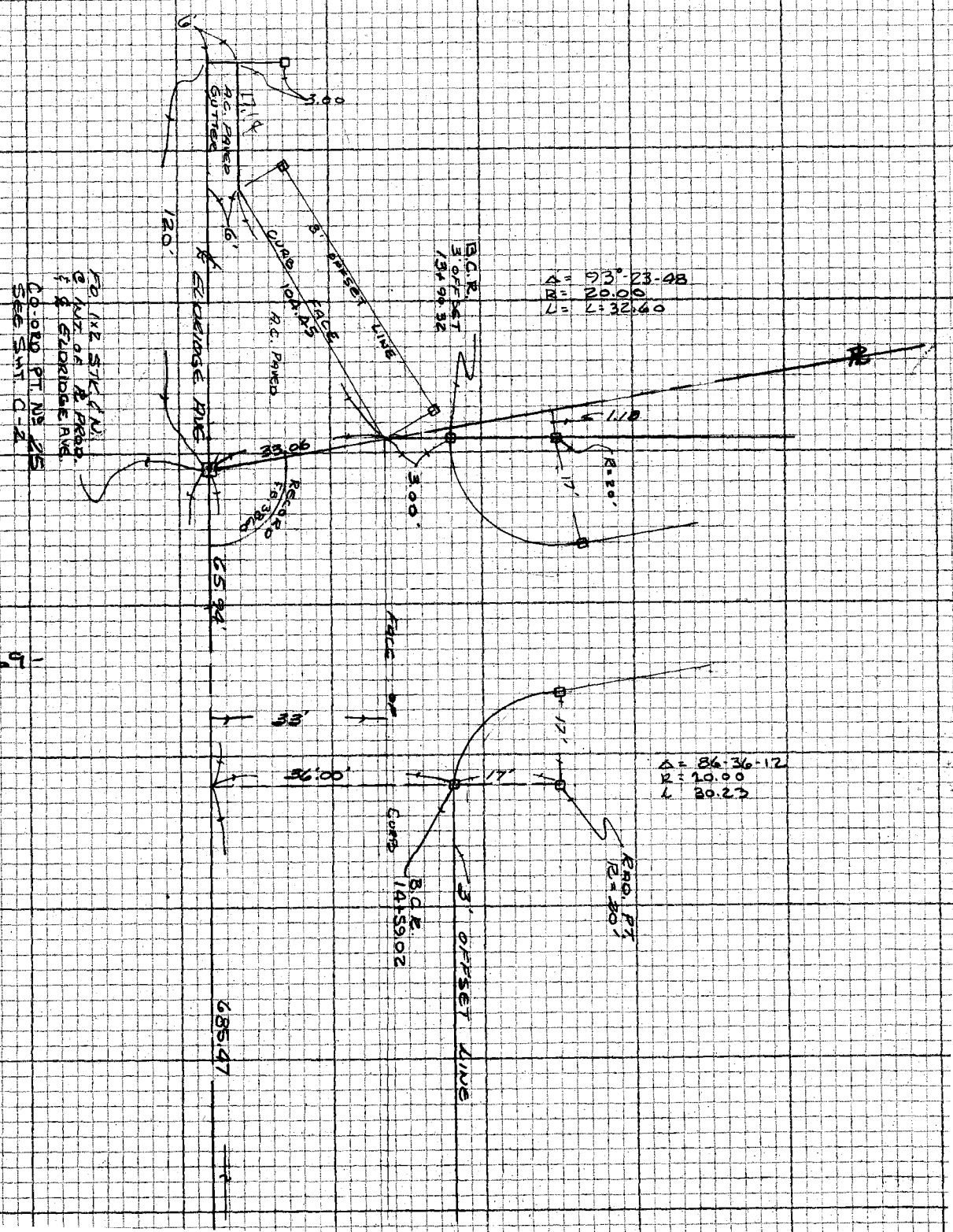
PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

Notes Ck'd by	Survey of E4 CARSO PARK F.B. 4369 PG. 53
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes " Date AUG-75
Date	Indexed L. M. PALMER SEP 14 1976

CONSTRUCTION OF CURB, GUTTER & WALKWAY ALONG THE N.E.'LY SIDE OF ELDRIDGE AVE.

REFERENCE: C.S.B. S183
F.B. 3860

RANDALL
COCKERHAM
WENSEL
DOWLEY



SEE F.B. 4369-

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CE 310
76F3095-4/73

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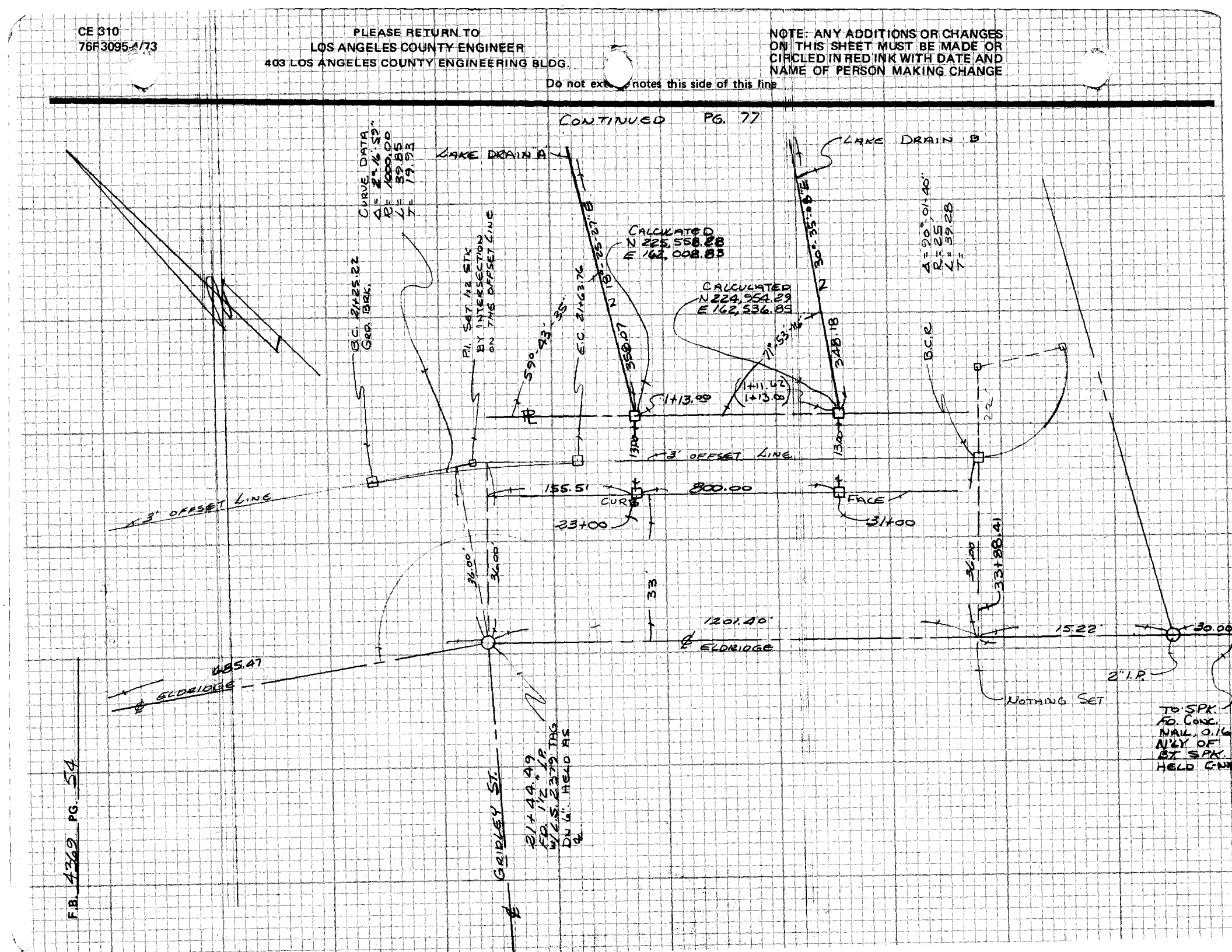
Do not exceed notes this side of this line



NOTES RED. _____ JOB NO. 9943.02 SURVEY OF EL CARISO PARK F.B. 4369 PG 55

DATE _____ SURVEY BY RANDALL

NOTES CHKD. _____ NOTES BY " DATE AUG-75

DATE _____ INDEXED R. M. PALMERI DATE SEP 14 1976

CURB GRADES: N.E. SIDE ELDRIDGE AVE.
STAKED 3' N.E. OF FACE OF CURB.
(36.00') FROM ℄ OF STREET.
1x1 STK & TIN. GRADE IS TO TOP OF CURB.

STATION	B.S.	H.I.	F.S.	ELEV.	%	GRADE TOP CURB	CUT-FILL TO TOP CURB	Elev. 10-20-75	C or F. Top Cb.
IBM				1360 87					
1+04 45				1361 11		1361.53	F0.42 ✓		
1+00				1361 25		1361.50	F0.25 ✓		
+75				1362 46		1361.33	C1.13 ✓		
+50				1362 76		1361.17	C1.59 ✓		
+25				1362 27		1361.00	C1.27 ✓		
0+00	BCR			1361 26		1360.83	C0.43 ✓		
= 13+90 92	B.C.R.	West		1361 23		1360.83	C0.40 ✓		
14+59.02	B.C.R.	East		1361 11		1360.61	C0.50 ✓	1359.95	F-0.66 ✓
+75				1361 27	0.400 %	1360.55	C0.72 ✓	60.13	F-0.42 ✓
15+00				1361 14		1360.45	C0.69 ✓	60.42	F-0.03 ✓
+25				1361 18		1360.35	C0.83 ✓	60.28	F-0.07 ✓
+50	B.V.C.			1361 08		1360.25	C0.83 ✓	60.28	C-0.03 ✓
+75				1360 90	VERTICAL CURVE	1360.10	C0.80 ✓	60.06	F-0.04 ✓
16+00				1360 79		1359.92	C0.87 ✓	59.90	F-0.02 ✓
+25				1360 40		1359.68	C0.72 ✓	59.67	F-0.01 ✓
+50				1360 38		1359.43	C0.95 ✓	59.40	F-0.03 ✓
+75				1360 42		1359.15	C1.27 ✓	59.09	F-0.06 ✓
17+00	E.V.C.			1360 15		1358.84	C1.31 ✓	58.96	C-0.12 ✓
+25				1359 74		1358.52	C1.22 ✓	58.62	C-0.10 ✓
+50				1359 58		1358.21	C1.37 ✓	58.40	C-0.19 ✓
+75				1359 06		1357.89	C1.17 ✓	58.03	C-0.14 ✓
18+00				1359 12		1357.58	C1.54 ✓	57.60	C-0.02 ✓
+25				1358 76	1.264 %	1357.26	C1.50 ✓	57.32	C-0.06 ✓
+50				1358 51		1356.94	C1.57 ✓	57.06	C-0.08 ✓
+75				1358 24		1356.63	C1.61 ✓	56.72	C-0.09 ✓
19+00				1357 92		1356.31	C1.61 ✓	56.37	C-0.06 ✓
+25				1357 73		1356.00	C1.73 ✓	56.03	C-0.03 ✓
+50				1357 43		1355.68	C1.75 ✓	55.73	C-0.05 ✓
+75				1356 95		1355.36	C1.59 ✓	55.37	C-0.01 ✓
20+00				1356 57		1356.05	C1.52 ✓	1355.12	C-0.07 ✓

T.B.M. El = 1360.87 (outside Park) = 1360.62 (Park Datum)
Eldridge Ave So Side 400± W'ly & Cranston Ave
A Ld & C.E. Tag in Cb, on & Prod Road "C"

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76-L-298-4/73

F.B. 4369 PG. 56

JOB NO. 9943.02 SURVEY OF EL CARISO PARK NOTES RED. _____

SURVEY BY RANDALL DATE _____

NOTES BY _____ DATE AUG '75 NOTES CHKD. _____

INDEXED L. M. PALMER DATE SEP 1 1 DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	%	GRADE TOP CURB	CUT - FILL TO TOP CURB		Elev. 10-20-75	Cor-F. Top Ck.
20+25				1356 28		1354.73	C 1.55	✓	1354.52	F-0.21 ✓
+50				1355 92		1354.42	C 1.50	✓	54.52	C-0.10 ✓
+75				1355 68		1354.10	C 1.58	✓	54.19	C-0.09 ✓
21+00				1355 40		1353.78	C 1.62	✓	54.00	C-0.22 ✓
21+25.22	B.C.	GRD. BRK. ℄		1355 18		1353.47	C 1.71	✓	53.47	G+d. ✓
21+44.49	M.O.C.			1354 77		1353.23	C 1.54	✓	53.31	C-0.08 ✓
21+63.76	E.C.			1354 50		1352.99	C 1.51	✓	53.15	C-0.16 ✓
+75				1354 40		1352.85	C 1.55	✓	53.07	C-0.22 ✓
22+00				1354 18		1352.54	C 1.64	✓	52.67	C-0.13 ✓
+25				1354 39		1352.23	C 2.16	✓	52.39	C-0.16 ✓
+50				1354 41		1351.92	C 2.49	✓	52.02	C-0.12 ✓
+75				1353 67		1351.61	C 2.06	✓	51.67	C-0.06 ✓
23+00	℄ SIDEWALK CULVERT			1353 25		1351.30	C 1.95	✓	51.31	C-0.01 ✓
+25				1352 73		1350.99	C 1.74	✓	51.01	C-0.02 ✓
+50				1352 58		1350.68	C 1.90	✓	50.70	C-0.02 ✓
+75				1352 23		1350.37	C 1.86	✓	50.64	C-0.27 ✓
24+00	GRD. BRK.			1352 10		1350.06	C 2.04	✓	50.39	C-0.33 ✓
+25				1351 74		1349.78	C 1.96	✓	50.01	C-0.23 ✓
+50				1351 36		1349.50	C 1.88	✓	49.58	C-0.08 ✓
+75				1350 95		1349.22	C 1.73	✓	49.26	C-0.04 ✓
25+00				1350 88		1348.94	C 1.94	✓	49.11	C-0.17 ✓
+25				1350 54		1348.66	C 1.88	✓	48.76	C-0.10 ✓
+50				1350 32		1348.37	C 1.95	✓	48.40	C-0.03 ✓
+75	℄			1350 27		1348.09	C 2.18	✓	48.18	C-0.09 ✓
26+00				1350 25		1347.81	C 2.44	✓	47.93	C-0.12 ✓
+25				1350 00		1347.53	C 2.47	✓	47.66	C-0.13 ✓
+50				1349 95		1347.25	C 2.70	✓	47.48	C-0.23 ✓
+75				1350 04		1346.97	C 3.07	✓	47.18	C-0.21 ✓
27+00				1350 07		1346.69	C 3.38	✓	46.85	C-0.16 ✓
+25				1349 82		1346.41	C 3.41	✓	46.61	C-0.20 ✓
+50				1349 52		1346.13	C 3.39	✓	46.37	C-0.24 ✓
+75				1349 15		1345.85	C 3.30	✓	46.11	C-0.26 ✓
8+00				1348 89		1345.56	C 3.33	✓	45.80	C-0.24 ✓
+25				1348 73		1345.28	C 3.45	✓	45.48	C-0.20 ✓
+50				1348 20		1345.00	C 3.20	✓	45.32	C-0.32 ✓
+75				1347 83		1344.72	C 3.11	✓	44.92	C-0.20 ✓
9+00				1347 25		1344.44	C 2.81	✓	44.60	C-0.16 ✓
+25				1346 91		1344.16	C 2.75	✓	44.40	C-0.24 ✓
+50				1346 63		1343.88	C 2.75	✓	43.97	C-0.09 ✓
+75				1346 11		1343.60	C 2.51	✓	1343.78	C-0.18 ✓

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NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Cariso Park F.B. 4369 PG. 57

DATE _____ SURVEY BY RANDALL

NOTES CHKD. _____ NOTES BY _____ DATE AUG-75

DATE _____ INDEXED R. M. PALMER DATE SEP 14 1976

STATION	B.S.	H.I.	F.S.	ELEV.	%	GRADE TOP CURB	CUT-FILL TO TOP CURB	Elev. 10-20-75	C or F Top Cb.
30+00	℄			1345 58		1343.32	C 2.26	1343.32	Grade ✓
+25				1345 05		1343.04	C 2.01	42.97	F-0.07 ✓
+50				1344 94		1342.75	C 2.19	42.66	F-0.15 ✓
+75				1344 87		1342.47	C 2.40	42.35	F-0.12 ✓
31+00	℄ SIDEWALK CULVERT			1344 21		1342.19	C 2.02	42.15	F-0.04 ✓
+25				1343 79		1341.91	C 1.88	42.04	C-0.13 ✓
+50				1343 52		1341.63	C 1.89	41.61	F-0.02 ✓
+75				1343 41		1341.35	C 2.06	41.20	F-0.15 ✓
32+00				1343 35	1.12%	1341.07	C 2.28	41.16	C-0.09 ✓
+25				1343 22		1340.79	C 2.43	40.91	C-0.12 ✓
+50				1342 98		1340.51	C 2.47	40.72	C-0.21 ✓
+75				1342 81		1340.23	C 2.58	40.50	C-0.27 ✓
33+00				1342 62		1339.94	C 2.68	40.18	C-0.24 ✓
+25				1342 41		1339.66	C 2.75	39.90	C-0.24 ✓
+50				1342 08		1339.38	C 2.70	39.78	C-0.40 ✓
+75				1341 16		1339.10	C 2.06	39.11	C-0.01 ✓
33+88.41	B.C.R.			1340 91	1.00%	1338.95	C 1.96	38.70	F-0.25 ✓
34+08.05	M.O.C.			1339 47		1338.61	C 0.86	39.16	C-0.55 ✓
34+27.69	E.C.R.			1338 77		1338.28	C 0.49	1339.14	C-0.86 ✓
TBM		(Street Datum)		1339 57		T.B.M. El.= 1339.295 (Park Datum) F.B. 4368-104, El. 1-1/2" AM & Harding Ave S.W'ly Cb. 25± of ℄ Harding, PK set in conc. cb.			

NOTE: CHECKS ON ELEV OF EXISTING EDGE OF PUMT WERE MADE AS SHOWN BELOW.

	EXISTING ELEV.	PLAN ELEV.
15+00	1360.72	1360.69
17+50	1358 50	1358.47
21+44.49	1353 48	1353.44
26+00	1348 10	1348.09
30+00	1343 76	1343.72
33+88.41	B.C.R. 1339 05	1339.03

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F.B. 4369 PG. 58

JOB NO. 9943.02 SURVEY OF El Cerrito Park NOTES RED. ____

SURVEY BY RANDALL DATE ____

NOTES BY ____ DATE AUG. 25 NOTES CHKD. ____

INDEXED L. M. PALMER DATE SEP 14 1976 DATE ____

STAKING FOR ELECTRICAL STANDARDS ALONG NE SIDE OF ELDRIDGE AVE - STAKED ON 36.00 OFFSET FROM ℄ OF STREET, (31' NE OF FACE OF CURB)

STATION	B.S.	H.I.	F.S.	ELEV.	GRADE TOP CURB	C OR F	
					1360.89		STD. # 11
3+90.32 ✓				1360 28	1360.25 ✓	C-0.03 ✓	STD. # 10
5+50				58 85	1358.71 ✓	C-0.14 ✓	STD. # 9
7+10				56 55	1356.46 ✓	C-0.09 ✓	STD. # 8
8+88				54 06	1353.93 ✓	C-0.13 ✓	STD. # 7
0+89				51 99	1351.88 ✓	C-0.11 ✓	CIRCUIT CROSSING
2+53				51 47	1351.50 ✓	F-0.03 ✓	STD. # 6
2+84				49 22	1349.07 ✓	C-0.15 ✓	STD. # 5
4+88				47 04	1346.82 ✓	C-0.22 ✓	STD. # 4
6+88				44 75	1344.57 ✓	C-0.18 ✓	STD. # 3
8+88				42 41	1342.33 ✓	C-0.08 ✓	STD. # 2
0+88				1340 09	1340.07 ✓	C-0.02 ✓	STD. # 1
2+88							

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Map No.	JN 9343.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes Date AUG-75
Date	Indexed M. PALMERI SEP 14 1975

F.B. 4369 PG. 59

COMFORT STATION Nº 1 ELEV = 1417.5

9-16-75 EC
NOTE: FOR F.H. GR. ADDED 4"
1423.50
+0.33
1423.83

FAMILY PICNIC SHELTER Nº. 1 ELEV = 1423.5

	PAD ELEV	STAKE ELEV	C/F
1	1423.50	1423.27	F-0.23
2	"	1422.01	F-1.49
3	"	1422.58	F-0.92
4	"	1423.49	F-0.01

SET 1x2 STK & TIN
N 228,182
E 161,544

SET 1x2 STK & TIN
10' OFFSET

FAMILY PICNIC SHELTER Nº 1
PAD ELEV = 1423.5

PLAY AREA "B-2"
See PG.

SET 1x2 STK & TIN
10' OFFSET

SET 1x2 STK & TIN
N 228,130
E 161,580

N 228,130

N 228,064
E 161,424

SET 1x2 STK & TIN
10' OFFSET

COMFORT STATION
Nº 1 PAD ELEV = 1417.5

	PAD ELEV	STAKE ELEV	C/F
5	1417.5	1420.33	C-2.83
6	"	1419.10	C-1.60
7	"	1419.27	C-1.77
8	"	1418.39	C-0.89

NOTE: FOR F.H. PAD GRADE ADDED 4"
1417.50
+ 0.33
1417.83
EC 9-16-75

N 228,000

FD 2" I.P. W/ CMT. PLUG
N 228,000
E 161,500
ELEV. = 1419.35

E 161,580

E 161,500

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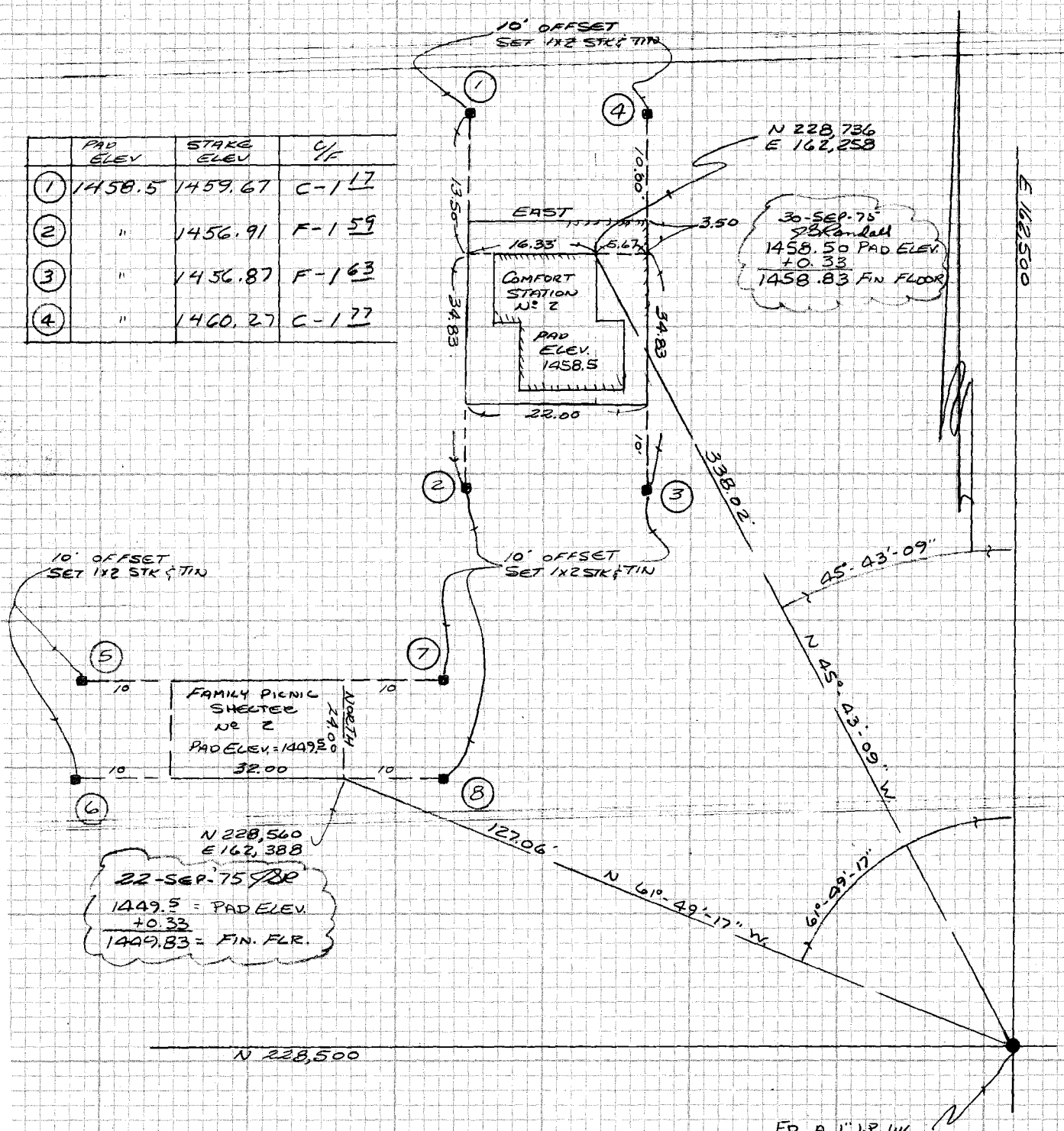
B

F.B. 4369 PG. 60

COMFORT STATION Nº 2 ELEV. = 1458.5

FAMILY PICNIC SHELTER Nº 2 ELEV. = 1449.5



	PAD ELEV	STAKE ELEV	C/F
1	1458.5	1459.67	C-1 17
2	"	1456.91	F-1 59
3	"	1456.87	F-1 63
4	"	1460.27	C-1 77

	PAD ELEV	STAKE ELEV.	C/F
5	1449.5	1450.09	C-0 59
6	"	1448.46	F-1 04
7	"	1450.04	C-0 54
8	"	1448.31	F-1 19

CE 310
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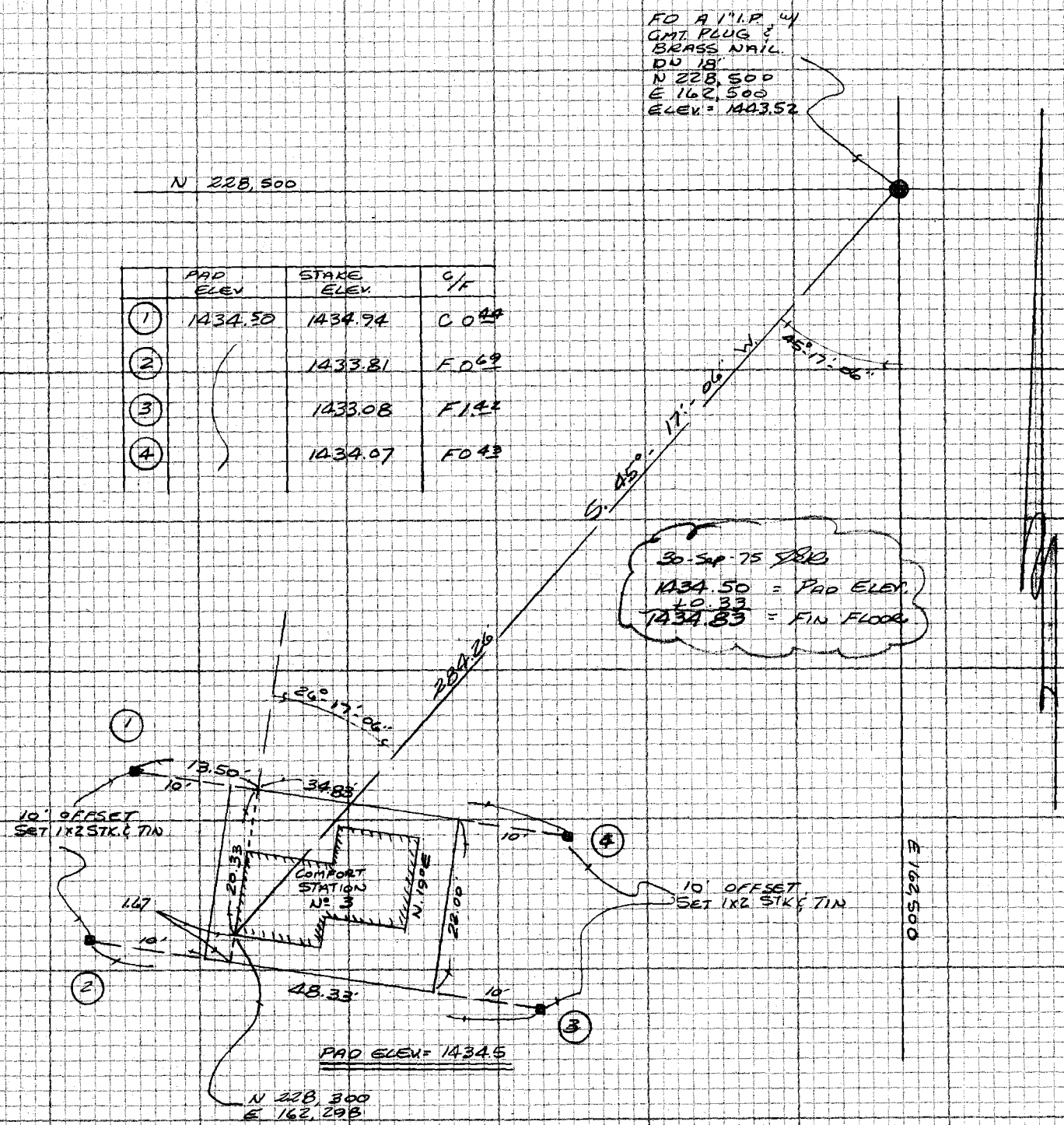
Map No.	JN 9903.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes " Date AUG-75
Date	Indexed [illegible] PALMERI SEP 14 1976

F.B. 4365 PG. 61

35.87

35.00

COMFORT STATION No 3 ELEV. = 1434.5



	PAD ELEV	STAKE ELEV.	C/F
1	1434.50	1434.94	C 0.44
2		1433.81	F 0.69
3		1433.08	F 1.42
4		1434.07	F 0.43

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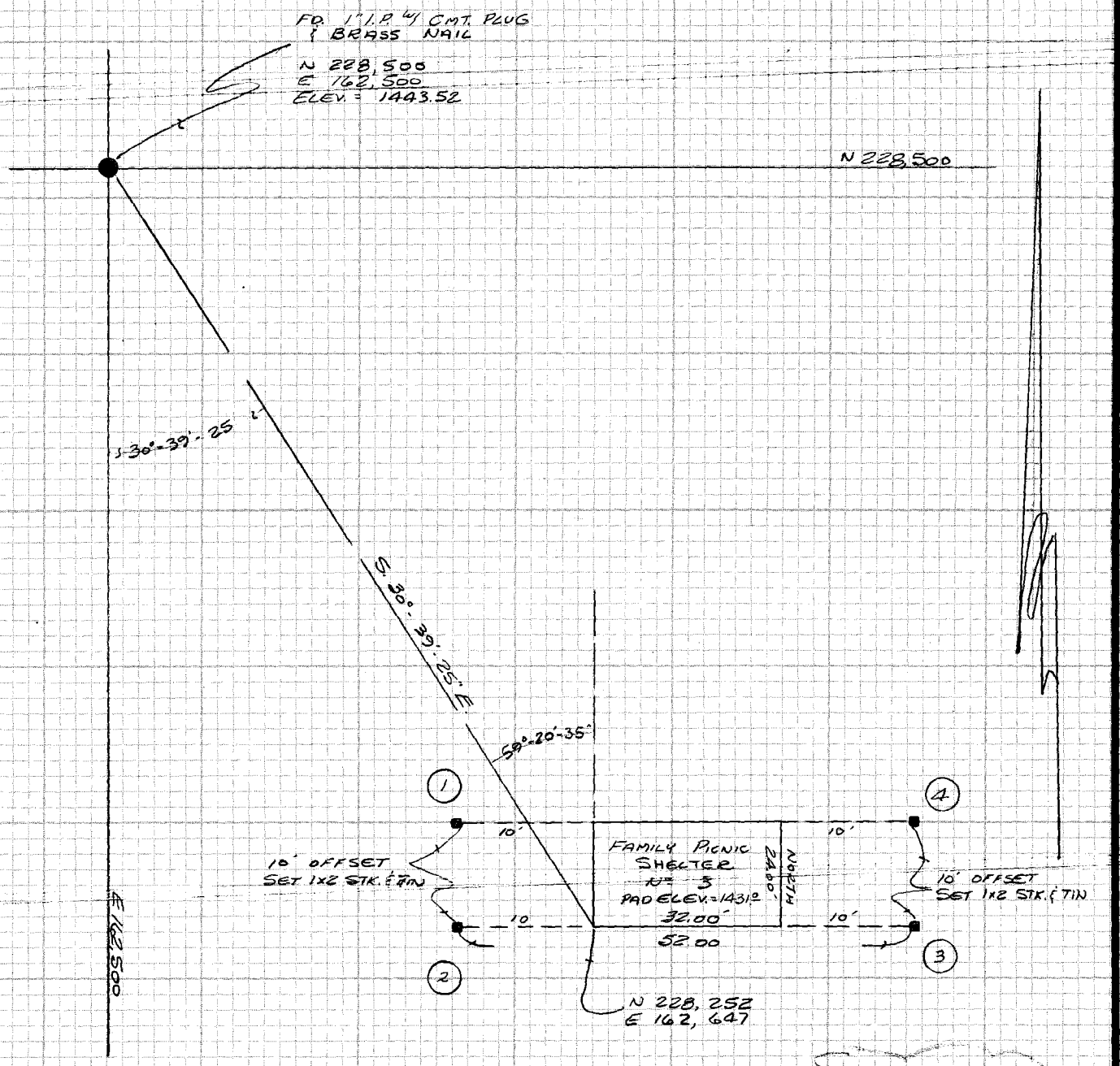
F.B. 4369 PG. 67

FAMILY PICNIC SHELTER Nº 3 ELEV = 1431.0



	PAD ELEV	STAKE ELEV	C/K
1	1431.00	1432.13	C 1.13
2		1430.59	F 0.41
3		1430.30	F 0.70
4		1431.59	C 0.59

7-OCT-75 JR

1431.00 = PAD ELEV.
+0.33
1431.33 = FINISH FLOOR

CE 310
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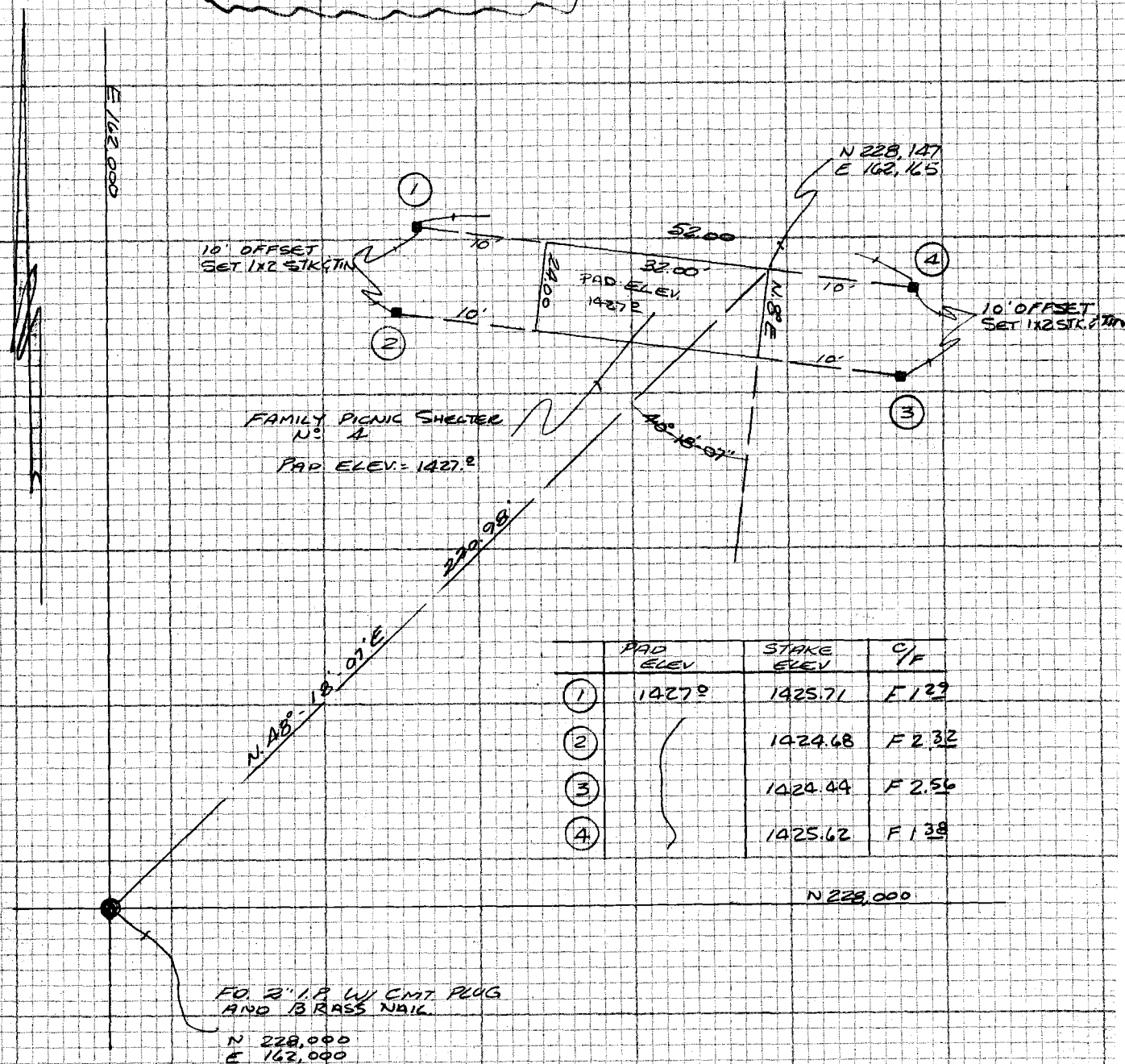
Map No.	JN 9343.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes Date AUG-'75
Date	Indexed G. M. PALMIERI SEP 14 1978

F.B. 4369 PG. 63

FAMILY PICNIC SHELTER Nº 4 ELEV. = 1427.0

30-SEP '75 JBR
1427.00 = PAD ELEV.
+0.33
1427.33 = FINISH FLOOR



	PAD ELEV	STAKE ELEV	C/F
1	1427.0	1425.71	F 1.29
2		1424.68	F 2.32
3		1424.44	F 2.56
4		1425.62	F 1.38

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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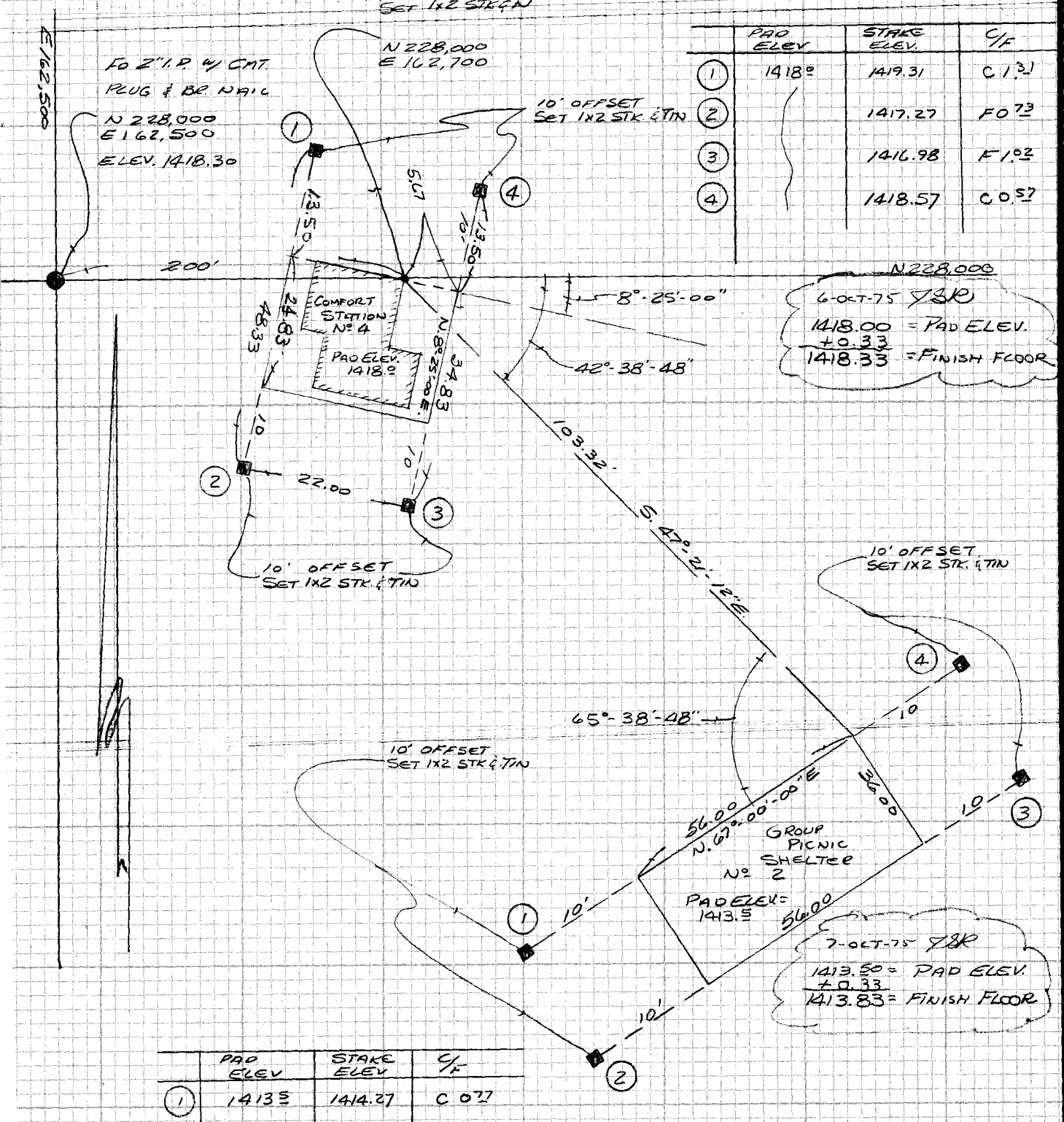
F.B. 436-9 PG. 64

COMFORT STATION Nº 4 ELEV. = 1418

GROUP PICNIC SHELTER Nº 2 ELEV. - 1413.5



	PAD ELEV	STAKE ELEV.	C/F
1	1418.0	1419.31	C 1.31
2		1417.27	F 0.73
3		1416.98	F 1.02
4		1418.57	C 0.57

6-OCT-75 JSR
1418.00 = PAD ELEV.
+0.33
1418.33 = FINISH FLOOR

7-OCT-75 JSR
1413.50 = PAD ELEV.
+0.33
1413.83 = FINISH FLOOR

	PAD ELEV	STAKE ELEV	C/F
1	1413.5	1414.27	C 0.77
2		1412.52	F 0.98
3		1412.85	F 0.65
4		1414.65	C 1.15

CE 310
76F3095-4/73

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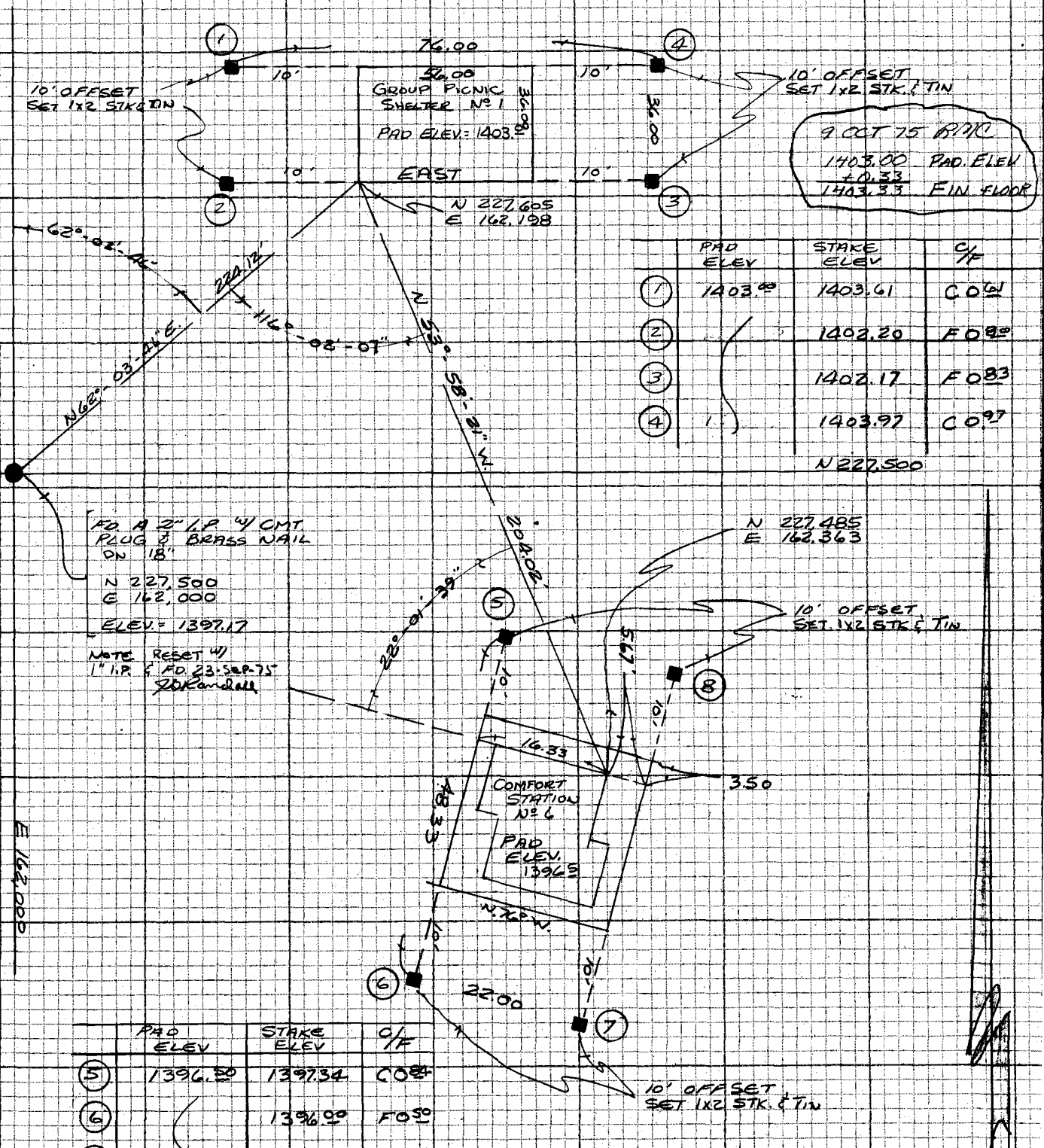
Notes Ck'd by	Survey of EL CARISO PARK
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes " Date AUG-75
Date	Indexed B. M. PALMER SEP 14 1976

F.B. 4369 PG. 65

GROUP PICNIC SHELTER No. 1 — PAD ELEV.= 1403.0

COMFORT STATION No. 6 — PAD ELEV.= 1396.5



	PAD ELEV	STAKE ELEV	C/F
1	1403.0	1403.61	CO 0.6
2		1402.20	FO 0.8
3		1402.17	FO 0.8
4		1403.97	CO 0.9

	PAD ELEV	STAKE ELEV	C/F
5	1396.5	1397.34	CO 0.8
6		1396.9	FO 0.5
7		1395.54	FO 0.9
8		1397.10	CO 0.6

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
463 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3005-4/73

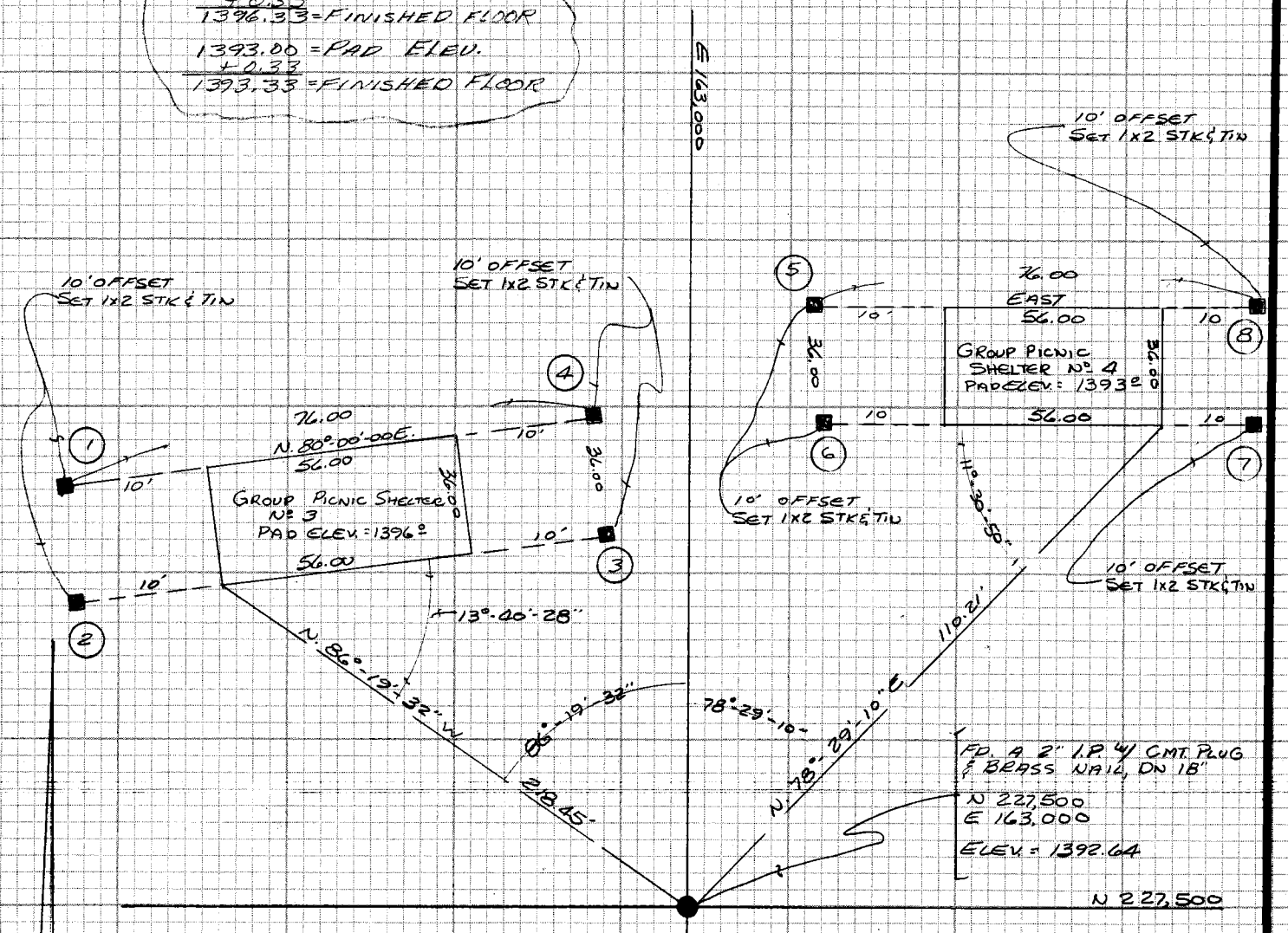
F.B. 4369 PG. 66

GROUP PICNIC SHELTER No. 3 PAD ELEV.= 1396.0
GROUP PICNIC SHELTER No. 4 PAD ELEV.= 1393.0

9 OCT 75 RMC

1396.00 = PAD ELEV.
+0.33
1396.33 = FINISHED FLOOR

1393.00 = PAD ELEV.
+0.33
1393.33 = FINISHED FLOOR



	PAD ELEV	STAKE ELEV	C/F
1	1396.0	1397.25	C 1.25
2		1395.68	F 0.32
3		1395.39	F 0.61
4		1397.08	C 1.08

	PAD ELEV.	STAKE ELEV.	C/F
5	1393.00	1395.38	C 2.38
6		1394.59	C 1.59
7		1391.42	F 1.58
8		1392.58	F 0.42

CE 310
70F 3095-4/73

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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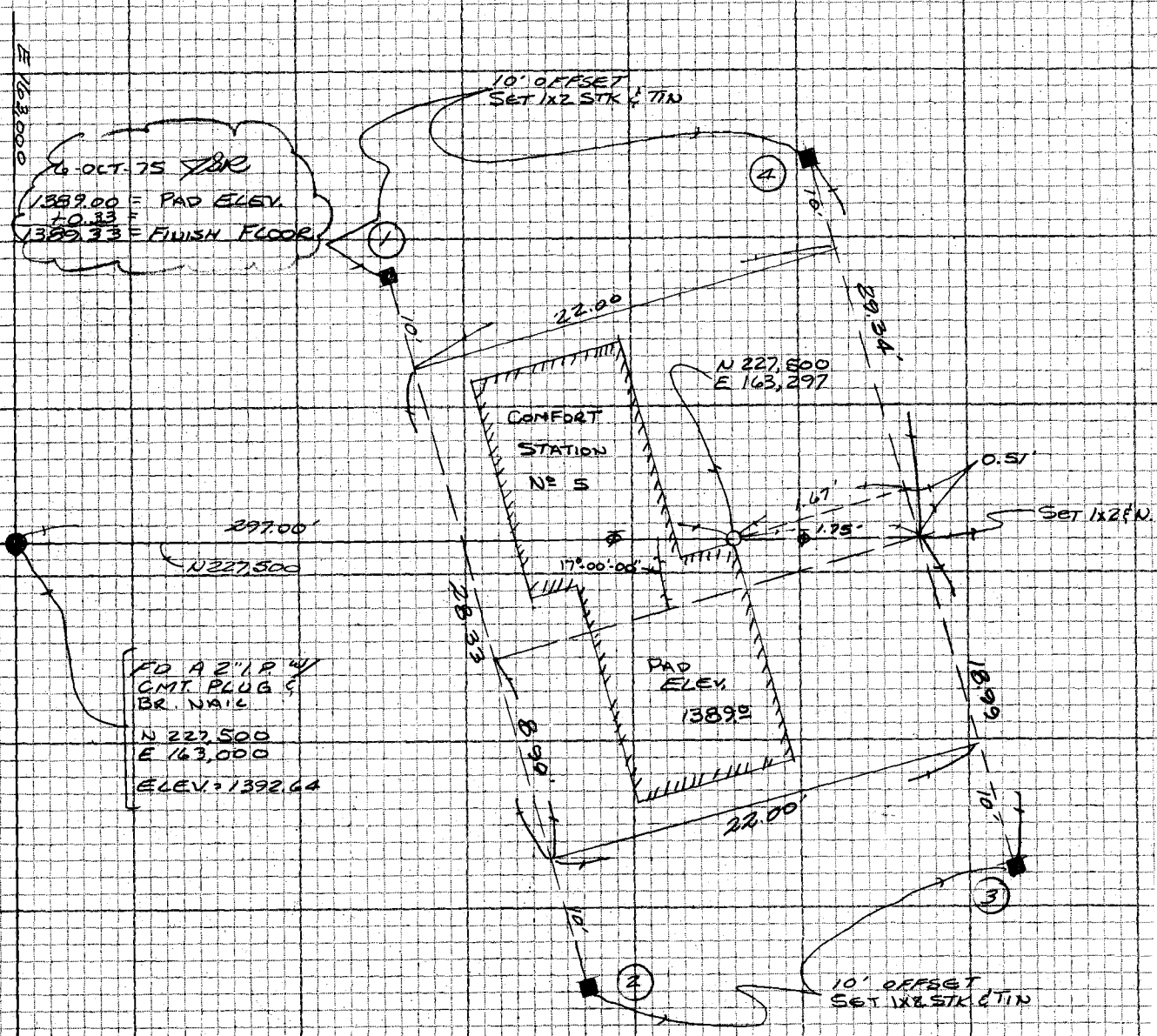
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of EC CARLSON PARK F.B. 4369 PG. 67
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by [redacted]
Checked	Notes " Date AUG - 75
Date	Indexed E. M. PALMER SEP 11 1975

COMFORT STATION No. 5 PAD ELEV. = 1389.0



	PAD ELEV.	STAKE ELEV	C/A
1	1389.00	1389.90	C 0.90
2		1387.41	F 1.59
3		1388.06	F 0.94
4		1390.28	C 1.28

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

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433 LOS ANGELES COUNTY ENGINEERING BLDG.

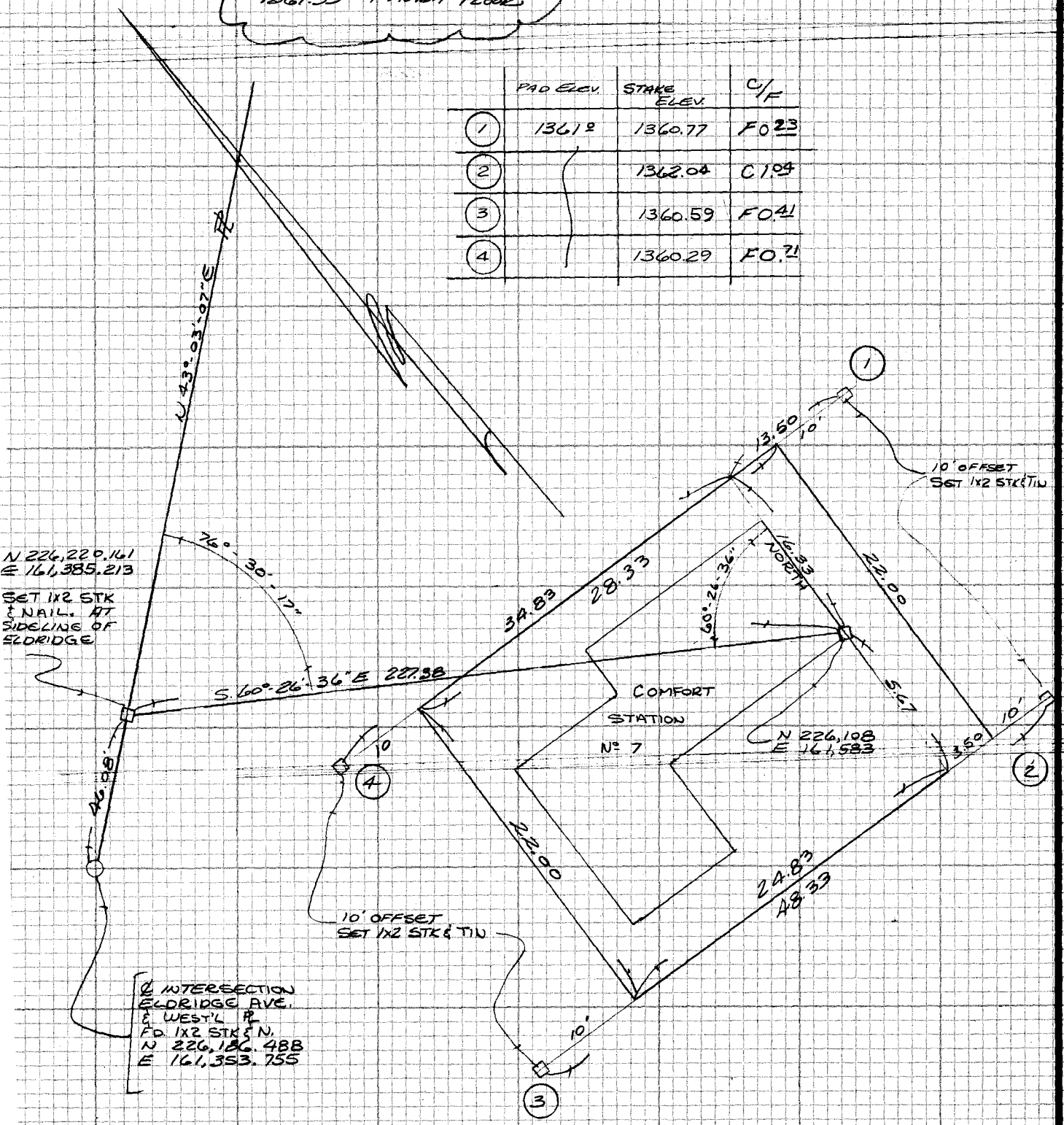
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4369 PG. 68

COMFORT STATION No. 7

15-OCT-75 STAKE
1361.0 = PAD ELEV.
+ 0.33
1361.33 = FINISH FLOOR

	PAD ELEV.	STAKE ELEV.	C/F
1	1361.0	1360.77	F0.23
2		1362.04	C1.04
3		1360.59	F0.41
4		1360.29	F0.71



CE 310
76F3095-4/73

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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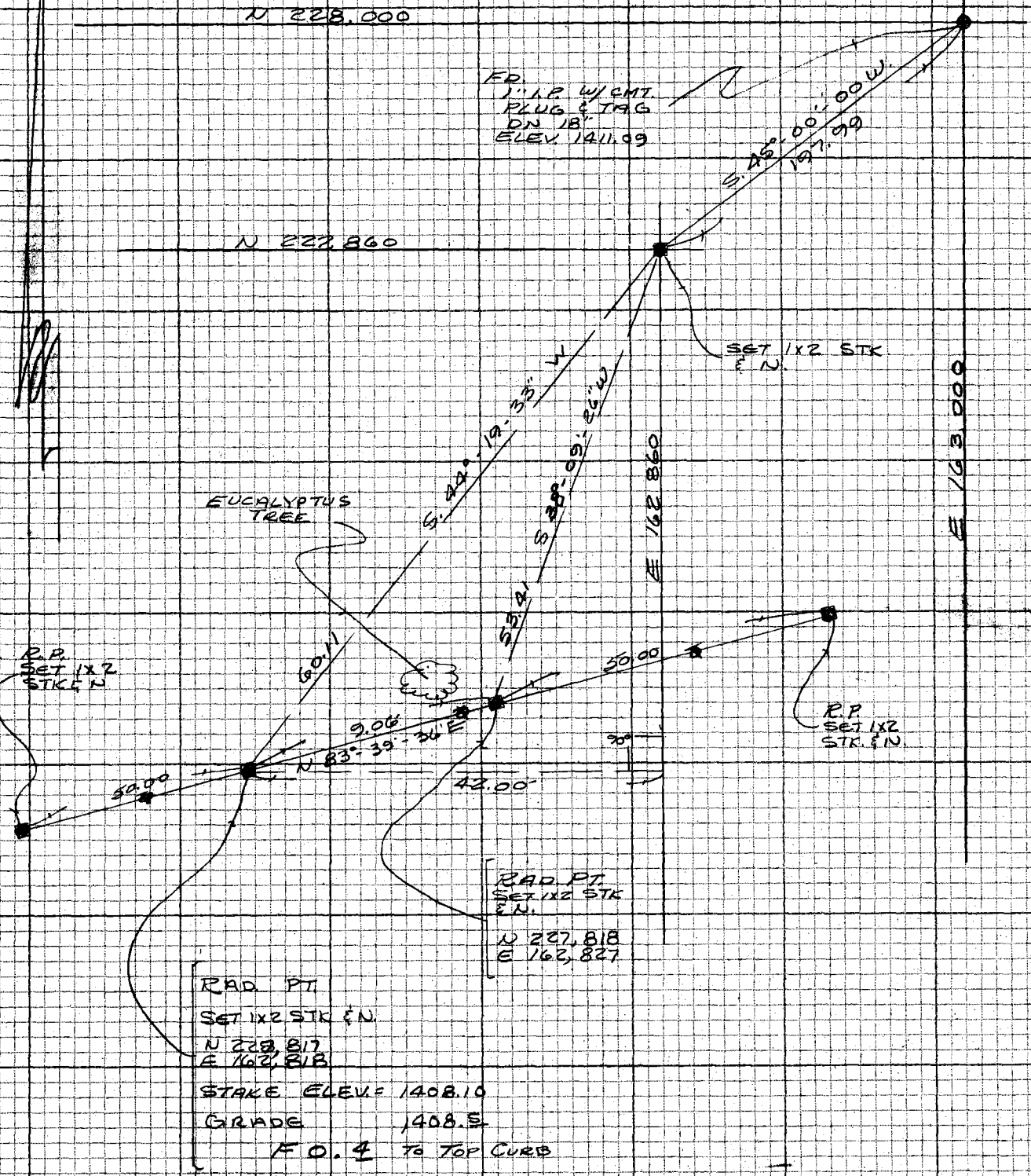
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by		Survey of EL CARISO PARK	F.B. 4369 PG. 69
Map No.		JN 9943.02 Tape Sta °F	
Office Work		Surveyed by RANDALL	
Checked		Notes " Date JUL-75	
Date		Indexed L. M. PALMER, SEP 14 1976	

PLAY AREA "A-2"

SEE SHTS. C-1 & L-3

TOP CURB ELEV. = 1408.5 SHT.



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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

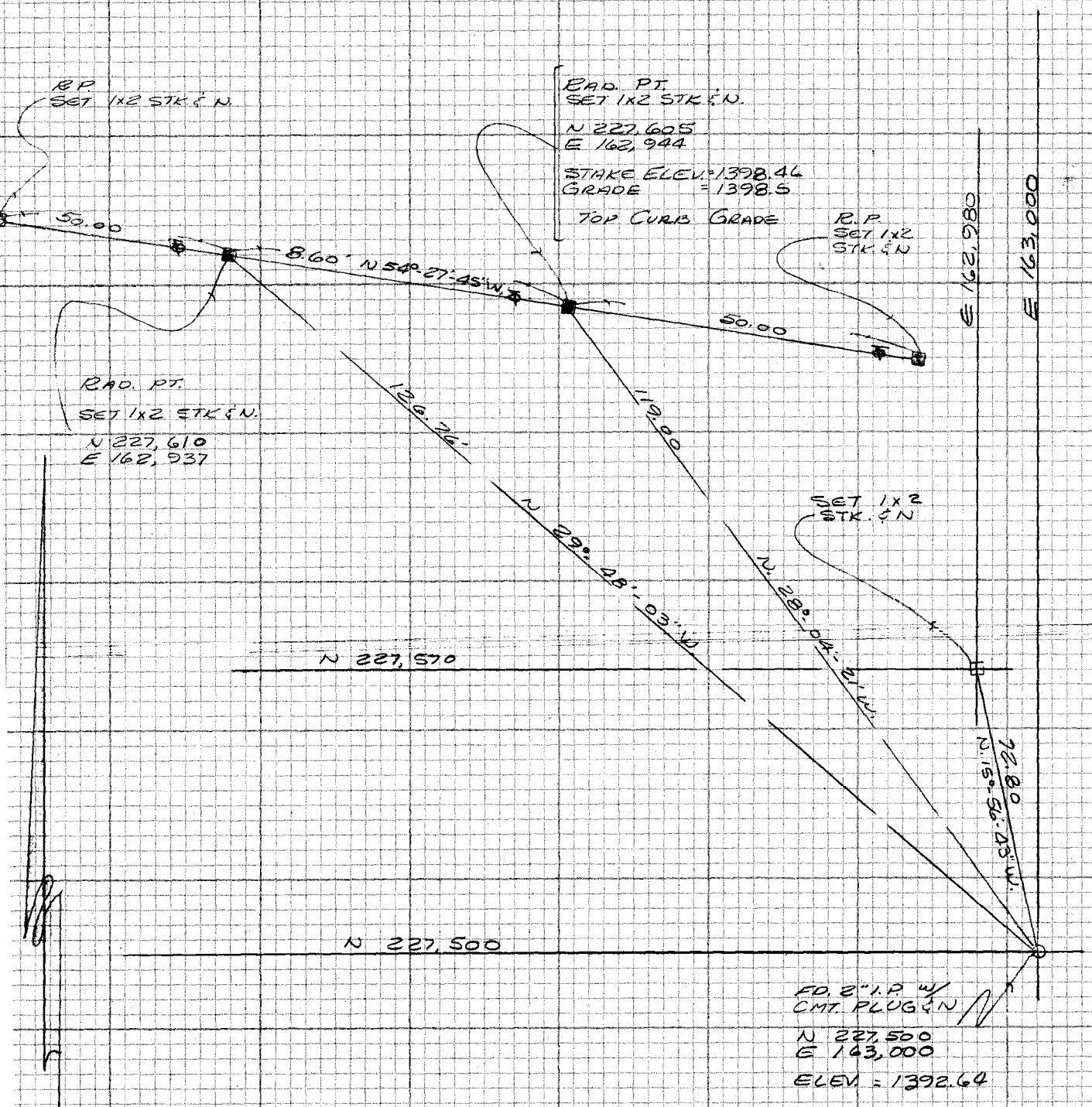
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4369 PG. 70

PLAY AREA "A-6"

SEE SHT. C-4 & L-3

TOP CURB ELEV. = 1398.5



CE 310
76F3095-4/73

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

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

Notes Ck'd by	Survey of E. CHRISO PARK F.B. 4367 PG. 71
Map No.	JN 2943.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes Date AUG-31-'75
Date	Indexed L. E. PALMER SEP 14 1976

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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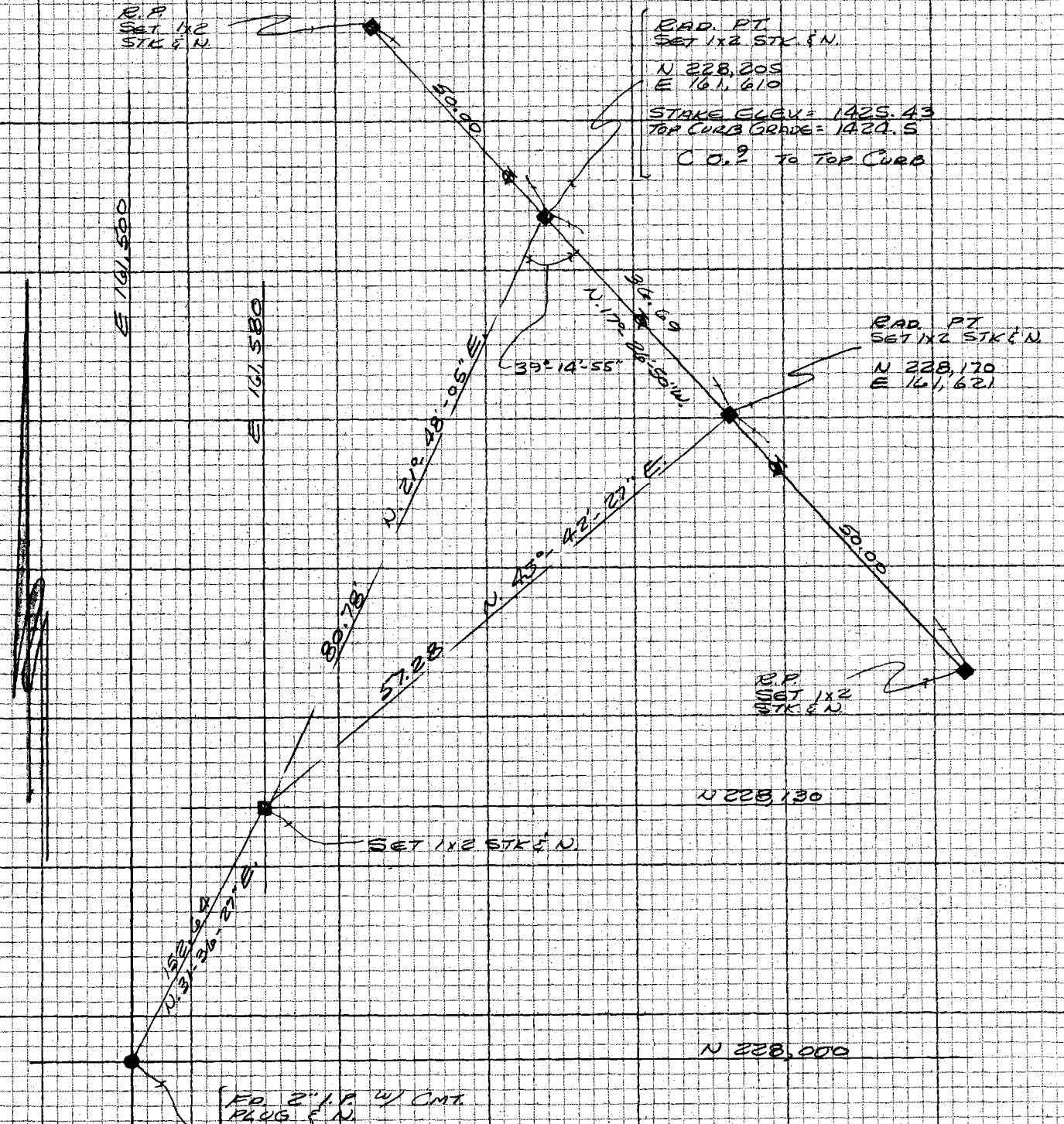
463 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3005-4/73

PLAY AREA "B-2"

SEE SHT. C-1 & L-3

TOP CURB ELEV. = 1422.5

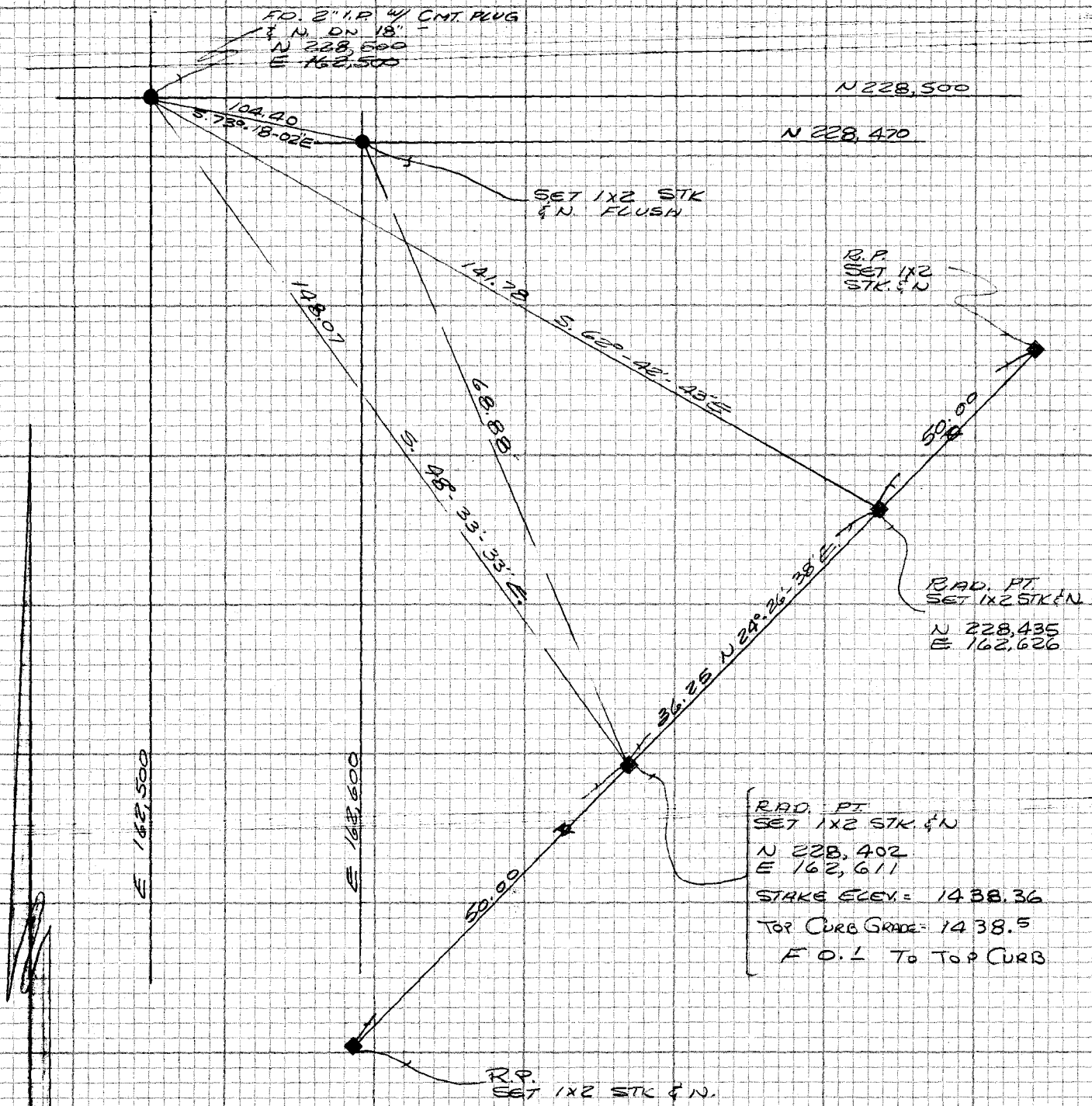


F.B. 9369 PG. 22

PLAY AREA "B-6"

SEE SHT'S C-1 & L-3

TOP CURB ELEV. = 1438.5



CE 310
76F3095-4/73

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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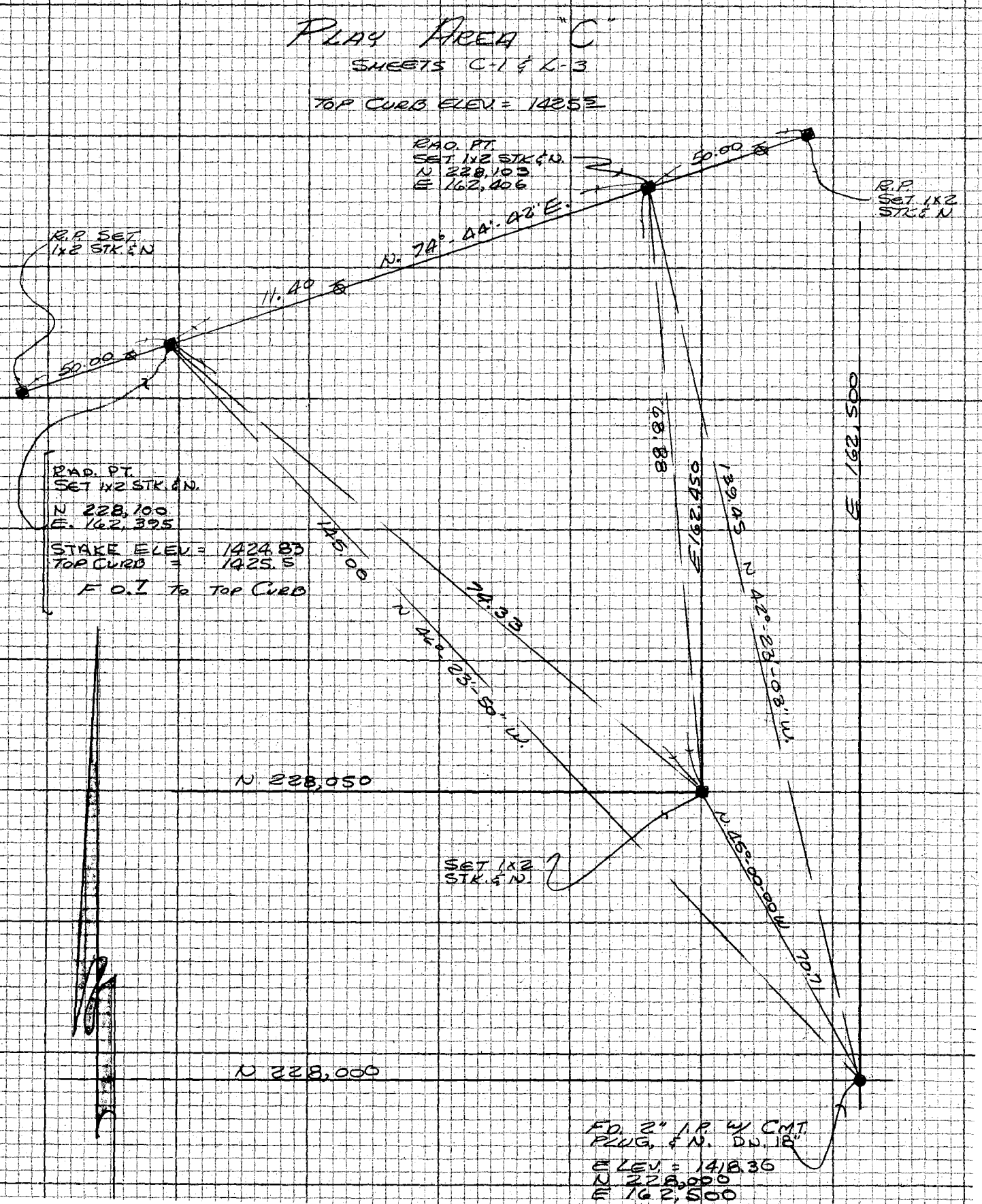
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

Notes Ck'd by	Survey of EL CARISO PARK
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes Date Jul '75
Date	Indexed R. M. PALMERI SEP 14 1976

F.B. 4369 PG. 73



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

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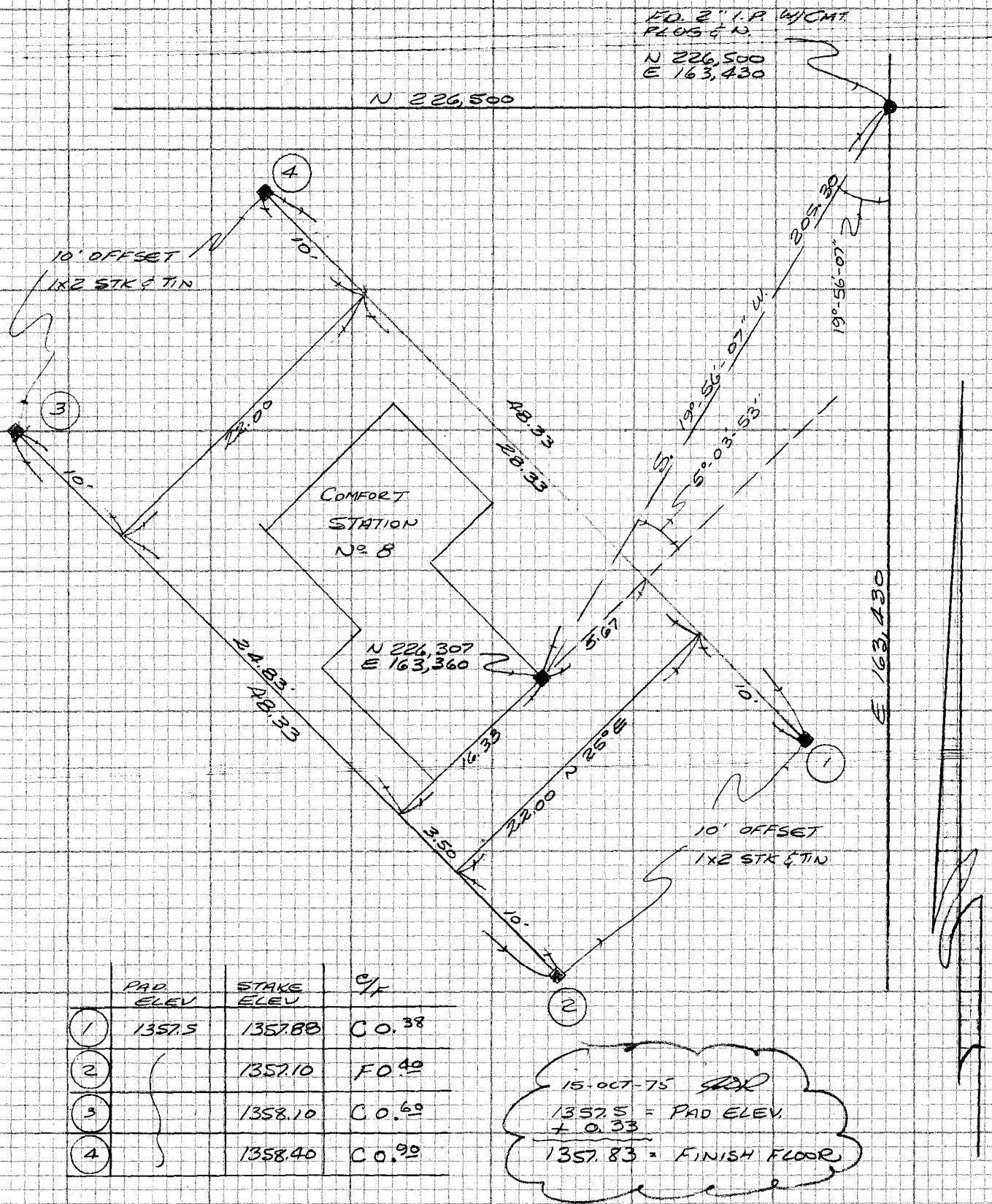
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4369 PG. 74

COMFORT STATION No. 8

PAD ELEV. 1357.5



	PAD ELEV.	STAKE ELEV.	C/F
1	1357.5	1357.88	C 0.38
2		1357.10	F 0.40
3		1358.10	C 0.60
4		1358.40	C 0.90

15-OCT-75

1357.5 = PAD ELEV.
+ 0.33
1357.83 = FINISH FLOOR

CE 310
76F3095-4/73

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not write notes this side of this line

Notes Ck'd by	Survey of EL CARISO PARK	F.B. 4369 PG. 75
Map No.	JN 9943.02 Tape Std °F	
Office Work	Surveyed by RANDALL	
Checked	Notes " Date AUG-75	
Date	Indexed R. M. PALMERI SEP 14 1976	

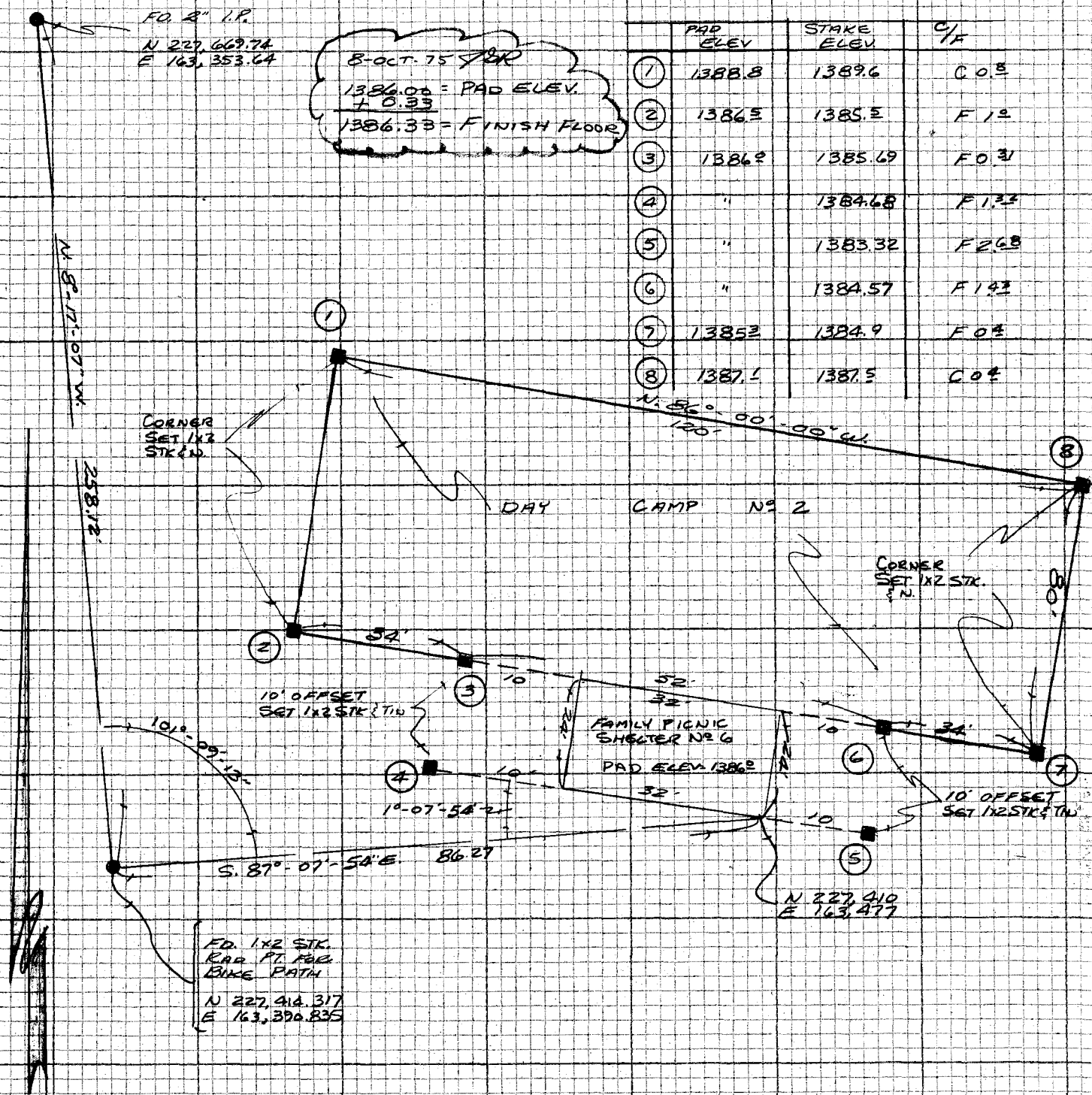
DAY CAMP No. 2

FAMILY PICNIC SHELTER No. 6

PAD ELEV. = 1386.0

8-OCT-75 [illegible]
1386.00 = PAD ELEV.
+ 0.33
1386.33 = FINISH FLOOR

	PAD ELEV	STAKE ELEV	C/F
1	1388.8	1389.6	C 0.8
2	1386.5	1385.5	F 1.0
3	1386.0	1385.69	F 0.31
4	"	1384.68	F 1.32
5	"	1383.32	F 2.68
6	"	1384.57	F 1.43
7	1385.3	1384.9	F 0.4
8	1387.1	1387.5	C 0.4



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

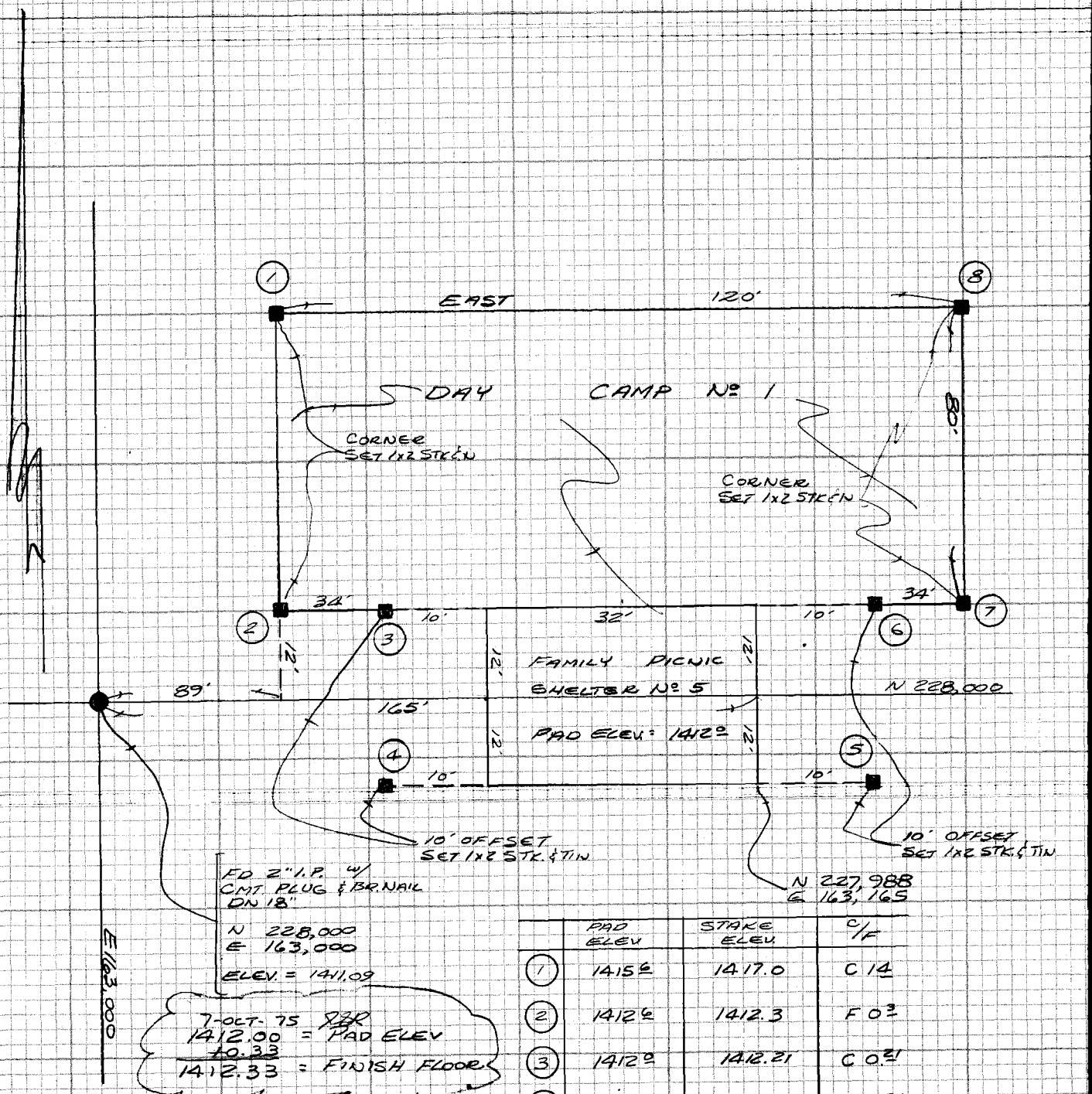
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4369 PG. 76

16-97

DAY CAMP No. 1

FAMILY PICNIC SHELTER No 5 PAD ELEV: 1412



7-OCT-75 DBR
1412.00 = PAD ELEV
+0.33
1412.33 = FINISH FLOOR

	PAD ELEV	STAKE ELEV.	C/F
1	1415±	1417.0	C 1.4
2	1412±	1412.3	F 0.3
3	1412±	1412.21	C 0.21
4	"	1411.46	F 0.54
5	"	1411.04	F 0.96
6	"	1411.83	F 0.17
7	1412±	1411.7	F 0.4
8	1414±	1414.2	F 0.2

CE 310
76F 3095-4/73

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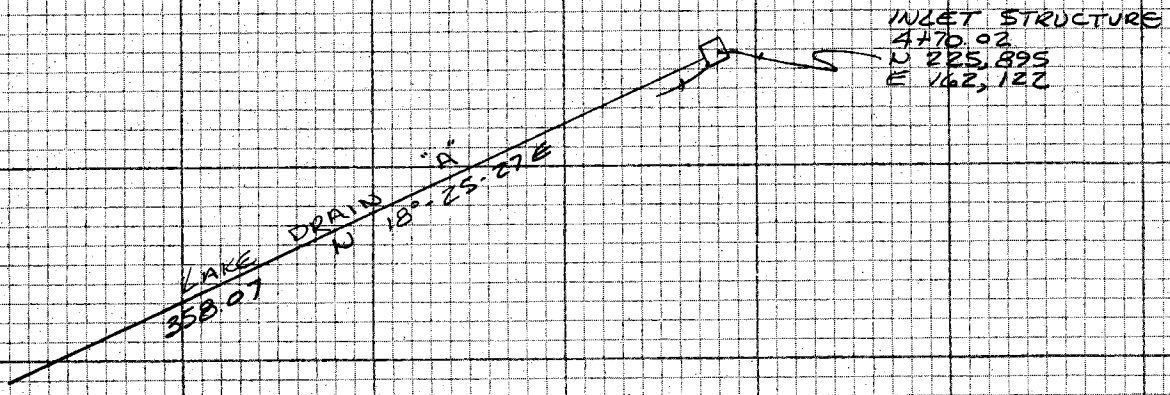
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

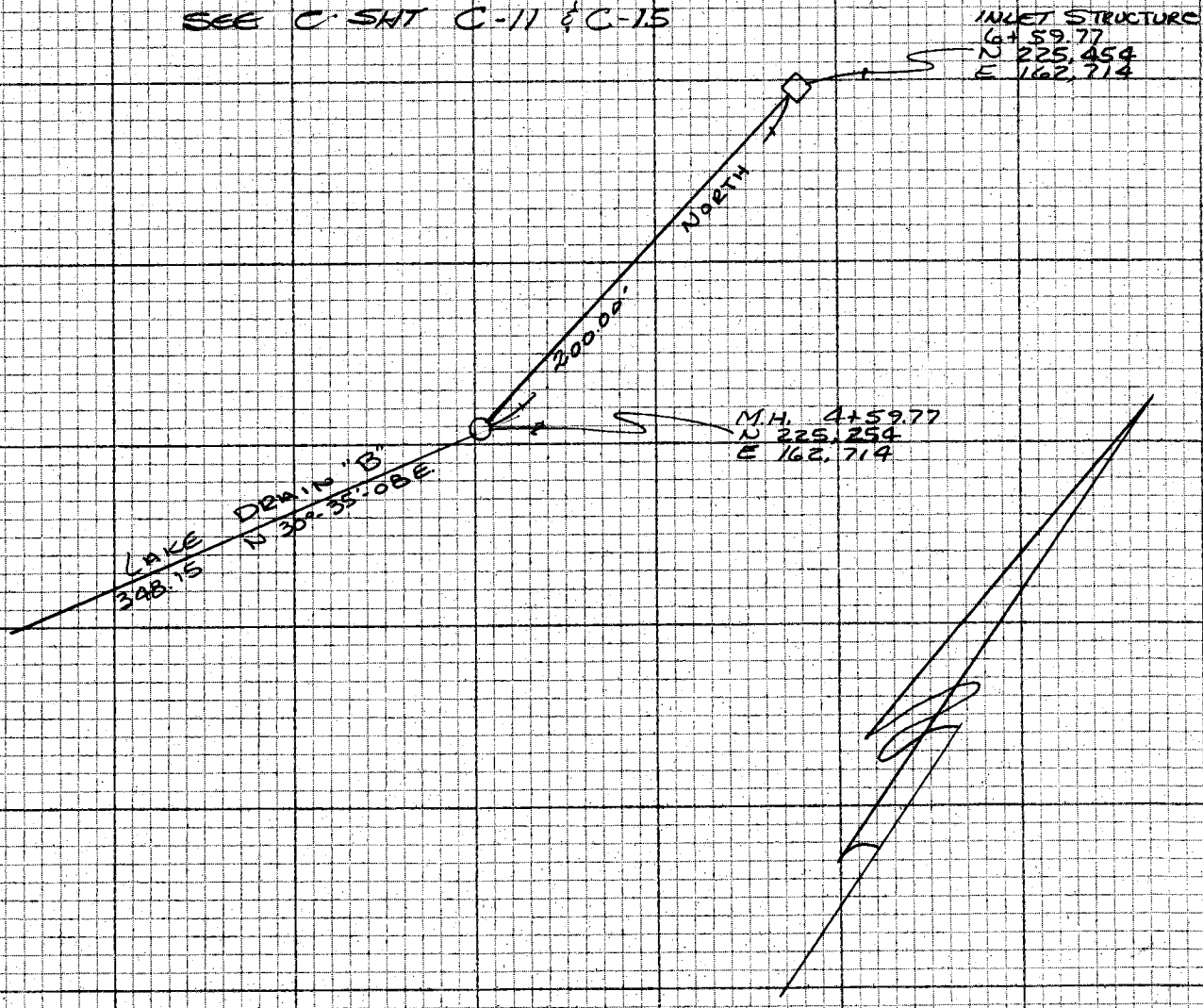
Notes Ck'd by	Survey of EL CARISO PARK F.B. 4369 PG. 77
Map No.	JN 9343.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes " Date 25-SEP-75
Date	Indexed L. M. PALMER SEP 14 1976

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 to this side of this line



SEE C-SHT C-11 & C-15



CONTINUED RIGHT PG. 54

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

CENTERLINE NOTES
CE 310
76F-3095-4/73

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF EL CARISO PARK

DATE _____ SURVEY BY RANDALL

NOTES CHKD. _____ NOTES BY " DATE 24-SEP-75

DATE _____ INDEXED E. M. PALMIERI DATE SEP 14 1976

F.B. 4369 PG. 79

HORIZONTAL CONTROL SEE PG'S. 54 & 77

C-11, 15

LAKE DRAIN "A" 12"

STATION	B.S.	H.I.	F.S.	ELEV.	% GRADE	CUT TO FLOWLINE	
T.B.M.				1357 66	SPK IN EUCALYPTUS TREE		
1+13				1351 95	1350.79	C 1.16	STAKED 8' RIGHT
1+15				1352 49	1350.81	C 1.68	
1+25				1352 85	1350.88	C 1.97	
+50				1353 45	1351.07	C 2.38	
+75				1353 88	1351.26	C 2.62	
2+06				1354 16	1351.49	C 2.67	
+25				1354 31	1351.64	C 2.67	
+50				1354 86	1351.83	C 3.03	
+75				1355 33	1352.02	C 3.31	
3+00				1355 55	1352.21	C 3.34	
+25				1355 96	1352.40	C 3.56	
+50				1356 39	1352.59	C 3.80	
+75				1356 54	1352.78	C 3.76	
4+00				1356 69	1352.97	C 3.72	
+25				1356 65	1353.16	C 3.49	
+50				NOT SET			
4+68				NOT SET			
4+70.92	CTR. INLET				1353.50		

1355.50 = Max. water level per C-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 notes this side of this line

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 80

For Horizontal Control See Pg's. 54 & 77

JOB NO. 9943.02 SURVEY OF El Cariso Park

SURVEY BY Randall

NOTES BY "

DATE 25-Sep-75

INDEXED L. M. PALMERI

DATE SEP 14 1978

NOTES RED.

DATE

NOTES CHKD.

DATE

C-1615

STATION	B.S.	H.I.	F.S.	ELEV.	LAKE DRAIN "B" 12"		
T.B.M				1341 06	B.M.S.P 5		F.B. 3860-77
					%	GRADE	CUT TO FLOW LINE
1+11.62 = 1+13 = Sta. 31+00 Eldridge				1342 54		1341.64	0.90
1+13 62				1342 39		1341.65	0.74
1+25				1343 79		1341.72	2.07
+50				1344 36		1341.87	2.49
+75				1345 00		1342.02	2.98
2+00				1345 43		1342.17	3.26
+25				1345 80		1342.32	3.48
+50				1346 22		1342.47	3.75
+75				1346 20		1342.62	3.58
3+00				1346 12		1342.77	3.35
+25				1346 39		1342.92	3.47
+50			T.P.	1346 62		1343.07	3.55
+75				1346 77		1343.22	3.55
4+00				1346 76		1343.37	3.39
+25				1347 00		1343.52	3.48
+50				1347 12		1343.67	3.45
4+57.77				1346 92		1343.72	3.20
4+59.77	M.H.		→	1346 9		1347.6	
4+61 77				1347 04		1343.82	3.22
+75				1347 29		1343.93	3.36
5+00				1347 15		1344.14	3.01
+25				1347 29		1344.35	2.94
+50				1348 18		1344.56	3.62
+75				1348 51		1344.77	3.74
6+00				1349 87		1344.98	4.89
+25				NOT SET		1345.19	
+50				NOT SET		1345.40	
6+59.77	END			1346 56		1345.50	
T.B.M.				1348 30			

0.60% (0.0060)

0.85% (0.0085)

On Eldridge 330' ± W/o Harding St

Top of M.H. (Finish Grade) per C-15

Stop here - no grades till lake completion

Check Co-ord Pipe

1348.50 = Max. water level per C-15

4.12

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76-L-298-CE 307-4/73

663

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

Notes Ck'd by	Survey of El Coriso Regional Park F.B. 4369 PG 81
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by Spriggs
Checked	Notes HHS Date 9-75
Date	Indexed E. M. PALMERI SEP 14 1976

JN 9943.02

El Coriso Regional Park

Sylmar Area

Horizonal Control
For
Storm Drain Line 'A'
& CB No. 2 @ end there of

Pgs. 81-82

See FB 4369-83-84 For Vertical Control

Reference: C-9
FB 4369 Parking Lot Control

Spriggs
Bansley
Boothe
Davis

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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CENTERLINE NOTES
CE 310
76F3095-4/73

CE 310
76F3095-4/73
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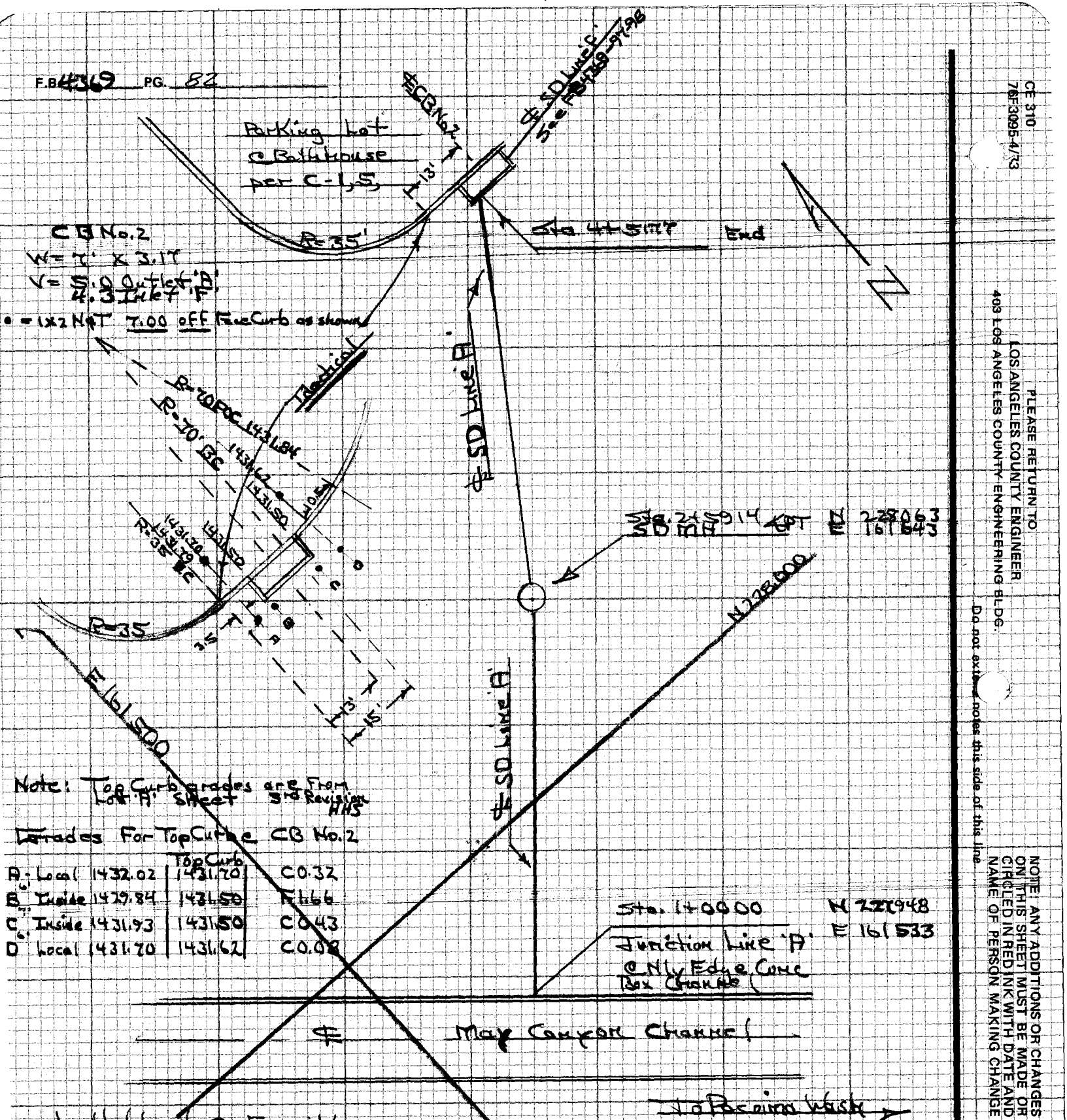
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE
Do not extend notes this side of this line

F.B. 4369 PG. 82



Note: Top Curb grades are from Lot 'A' Sheet 3rd Revision HHS

Grades For Top Curbs CB No.2

		Top Curb	
A'	Local	1432.02	1431.70	C 0.32
B'	Inside	1429.84	1431.50	F 1.66
C'	Inside	1431.93	1431.50	C 0.43
D	Local	1431.70	1431.62	C 0.08

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Cariso Regional Park F.B. 4369 PG. 83

DATE _____ SURVEY BY H H Spriggs

NOTES CHKD. _____ NOTES BY HHS DATE 9-13-75

DATE _____ INDEXED E. M. PALMERY DATE SEP 14 1976

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

FN 9943.02

Specs 3289

El Cariso Regional Park

Sylmar Area

Vertical Control

For

Storm Drain Line 'A'

Pgs. 83-84

For Horizonal Control See Pgs. 81-82

Reference:

C-9 horizonal

C-15 vertical

Spriggs

Beasley

Boxett

Davis

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.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 84

JOB NO. 9943.02 SURVEY OF El Cariso Regional NOTES RED.

SURVEY BY HHSpriggs DATE

NOTES BY HHS DATE 9-18-75 NOTES CHKD.

INDEXED [illegible] PALMERI DATE SEP 14 1978 DATE

Storm Drain Line 'A' C-9,15,

STATION	B.S.	H.I.	F.S.	ELEV.		Grade	to F.L.	
1+00.00	Junction @ R.C. Box May Canyon Channel			1411 30		1403.10		1x2 NaT 8' Rt.
+25				1411 20		1404.60	C 6.60	
+50				1412 23		1406.10	C 6.13	
+70	'Y' Rt. 12"			——		1407.30	——	
+75				1412 10	6%	1407.60	C 4.50	
2+00				1414 60		1409.10	C 5.50	
+25				1416 11		1410.60	C 5.51	
+50				1416 75		1412.10	C 4.65	
+57.14				1417 01		1412.53	C 4.48	
2+59.14	SDMH ℄ PT.							
+61.14				1417 02		1412.77	C 4.25	
+75				1417 44		1413.68	C 3.76	
3+00				1418 71		1415.31	C 3.40	
+25				1420 43	6.53%	1416.94	C 3.49	
+50				1422 19		1418.57	C 3.62	
+75				1423 89		1420.21	C 3.68	
4+00	GRADE BRK.			1425 61		1421.84	C 3.77	
+25				1428 95	10.0%	1424.09	C 4.86	
4+49.77				1431 72		1426.50	C 5.22	
4+51.77	CB No. 2	Sly. End of Parking Lot @ Bathhouse		1431 87				
4+56.03								

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76-L-298-CE 307-4/73

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Notes Ck'd by	Survey of El Caniso Regional Park F.B. 4369 PG. 85
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by H.H. Spriggs
Checked	Notes [illegible] Date 9-18-75
Date	Indexed [illegible] PALMER SEP 14 1975

JN 9943.02

El Caniso Regional Park

Sylmar Area
Specs 3289

Horizonal Control
For
Storm Drain Line 'B'
& CB No.3 @ end thereof

Pgs. 85-86

See FB 4369 - 87-88 For Vertical Control

Reference: C-9
FB 4368 - Parkinglot Control

Spriggs
Beaslex
Roxette
Darvis

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CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4369 PG. 86

CE 310
76F3095-4/73

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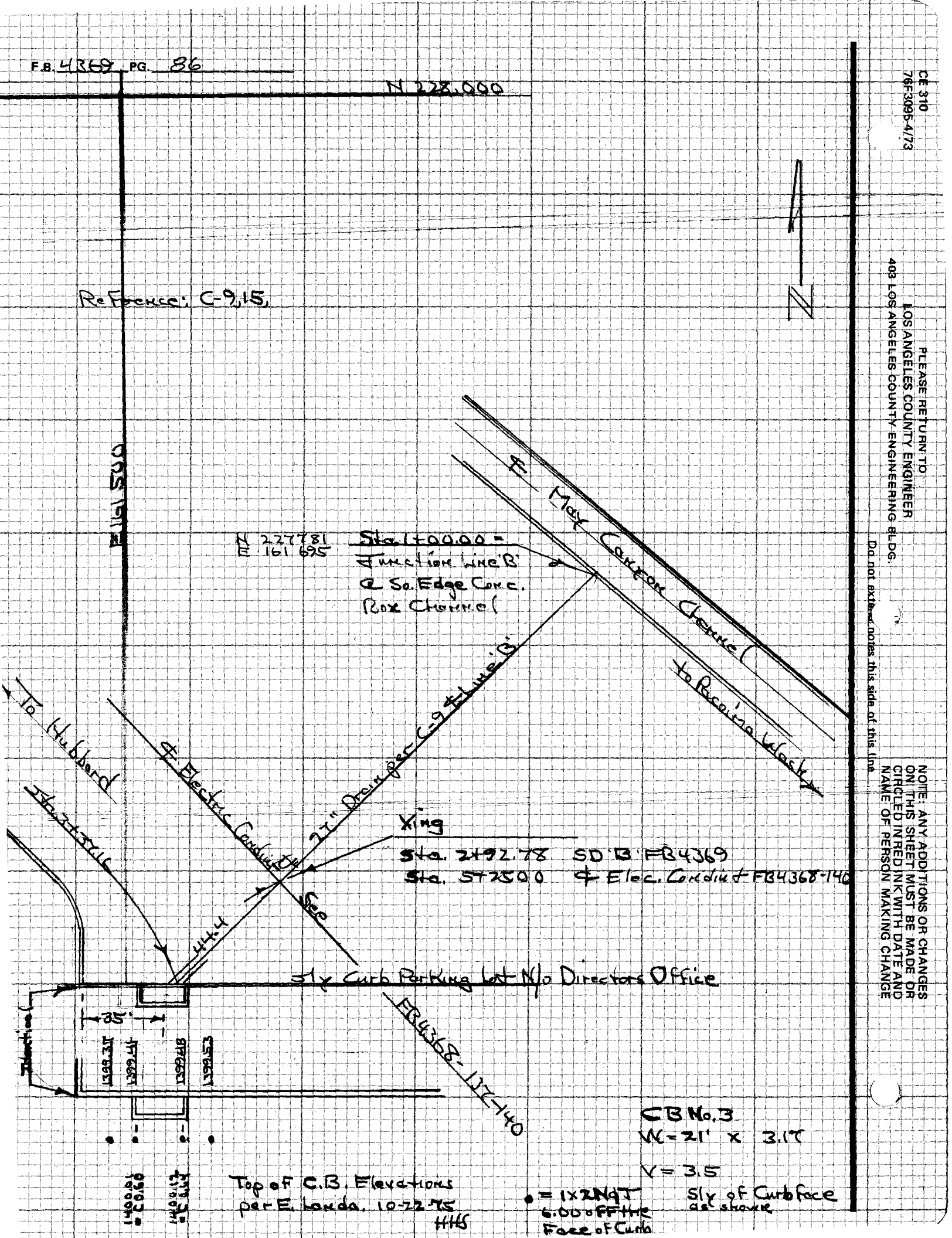

NOTES RED. _____ JOB NO. 994302 SURVEY OF El Cerro Regional Park | F.B. 4369 PG. 87

DATE _____ SURVEY BY H H Spraggs

NOTES CHKD. _____ NOTES BY HHS DATE _____

DATE _____ INDEXED L. M. PALMERI DATE SEP 14 1976

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

FN 9943.02

Spec. 3289

El Cerro Regional Park

Sylmar Area

Vertical Control

For

Storm Drain Line 'B'

Pgs. 87-88

For Horizontal Control See Pgs. 85-86

Reference:

C-9 Horizontal

C-15 Vertical

Spraggs
Beasley
Booth
Dennis

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 88

JOB NO. 9943.02 SURVEY OF El Cerrito Regional Park NOTES RED.

SURVEY BY DATE

NOTES BY DATE NOTES CHKD.

INDEXED L. M. PALMERI DATE SEP 14 1978 DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Storm Drain Line 'B' C-9,15			
1+00.00	Junction @ R.C. Box May Canyon Channel			1406.88	1394.84	C-	12.04	1x2 NaT 8' Rt.
+25				1405.34	1394.94	C-	10.40	
+50				1403.86	1395.04	C-	8.82	
+75				1402.60	1395.14	C-	7.46	
2+00				1401.80	1395.24	C-	6.56	
+25				1401.25	1395.34	C-	5.91	
+50				1400.40	1395.44	C-	4.96	
+75				1400.11	1395.54	C-	4.57	
2+92.78	= Xing Elec. & Phone Conduit				1395.63		See FB 4368-137-142	
3+00				1399.55	1395.64	C-	3.91	
+25				1399.28	1395.74	C-	3.54	
3+37.16	= End @ Ctr of Ely. end CB (No. 3) See FB 4368-			1399.24	1395.81	C-	3.43	

4%

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76-L-298-CE 307-4/73

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Notes Ck'd by	Survey of El Cariso Regional Park F.B. 4369 PG. 89
Map No.	JN 994302 Tape Std °F
Office Work	Surveyed by WHSpriggs
Checked	Notes WHS Date 9-17-75
Date	Indexed B. E. PALMER SEP 14 1976

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CENTERLINE NOTES
CE 310
76F-3096-4/73

JN 994302

El Cariso Regional Park

Sylmar Area
Specs 3289

Horizontal Control
For
Storm Drain Line 'D' & CB Nos ⓒ and thereof
Pgs. 89-90

See FB 4369-91-92 For Trades

Reference: C-17 Horizontal
C-15 Vertical

Spriggs
Beasley
Boswell
Davis

F.B. 4369 PG. 90

CE 310
76F3095-4/73

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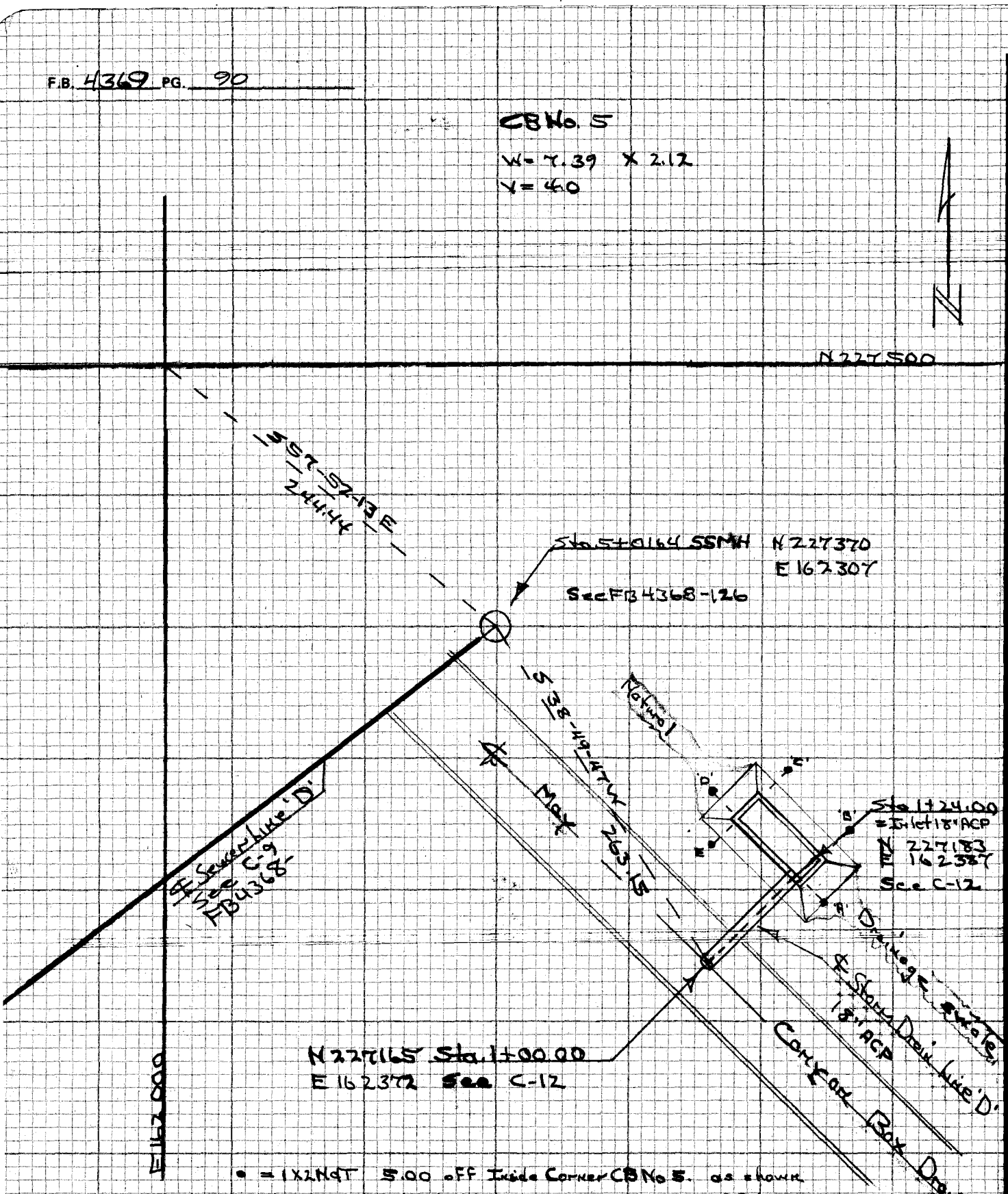

• = 1X2 Nail 5.00 off Inside Corner CB No 5. as shown

		Bot CB 1380.50		Top CB 1384.50	
A	1385.20		C 4.70 to Bot.		C 0.70 To Top
B	1385.52		C 5.02		C 1.02
C	1385.55		C 5.05		C 1.05
D	1386.32		C 5.82		C 1.82
E	1386.20		C 5.70		C 1.70

Elev 1381.60 = FL. 18" RCP @ Sta 1+24.0 as built 10-24-75 HHS

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Coriso Regional Park F.B. 4369 PG. 91

DATE _____ SURVEY BY H.H. Spriggs

NOTES CHKD. _____ NOTES BY _____ DATE 9-17-75

DATE _____ INDEXED L. M. PALMER DATE SEP 14 1976

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

JN 9943.02

El Coriso Regional Park

Sylmar Area
Specs 3289

Vertical Control
for

Storm Drain Line 'D'

Pgs. 91-92

See FB 4369-89-90 For Horizontal Control

Reference: C-12 Horizontal
C-15 Vertical

Spriggs
Beckley
Baxter
Dennis

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 92

JOB NO. 9943.02 SURVEY OF El Cariso Regional Park NOTES RED.

SURVEY BY HHSpriggs DATE

NOTES BY DATE NOTES CHKD.

INDEXED R. M. PALMERI DATE SEP 14 1978 DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Line 'D'	Sheet C-15
Note: No grade given @ Sta 1+00 & 1+12 due to plan error having drain outlet into top of existing 8'x10' Box Drain - this was changed to new outlet on the Nly edge of box. HHS				137511	Sm. Bt. Spk. in 20" Euc Up 12" 100' ± Nly & 50' ± Ely. of N. Ely Cor of Clubhouse	
					Grade	
1+00.00				138494		1x2 NaT 6' Rt.
+12				138536		
1+24.00				138520	1380.50	C4.70 to Flowline CB
1+24				13845	Flowline existing swale	
				138450	Top C.B. No.5	C-15 P
				138050	" " "	C-15 P
1+24.00				138457	1x2 NaT	15' Rt. = Ely.
				138602	1x2 NaT	15' Lt. = Wly.
CBM					May Canyon Storm Drain MH 119' Ely. of above CB & weld on Rim & lid on nly. edge	

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Notes Ck'd by	Survey of El Coriso Regional Park
Map No.	JN 994302 Tape Std °F
Office Work	Surveyed by H H Spriggs
Checked	Notes HHS Date 9-26-75
Date	Indexed E. M. PALMER SEP 14 1976

F.B. 4369 PG. 93

JN 994302
El Coriso Regional Park Sylmar Area
Specs 3289

Horizonal Control SD. Line 'E'

Pgs. 93-94

See FB 4368-95-96 For Vertical Control

Reference:

C-12,15,

Spriggs
Beasley
Bonetti
Davis

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CENTERLINE NOTES
CE 310
76F3095-4/73

CE 310
76F3095-4/73

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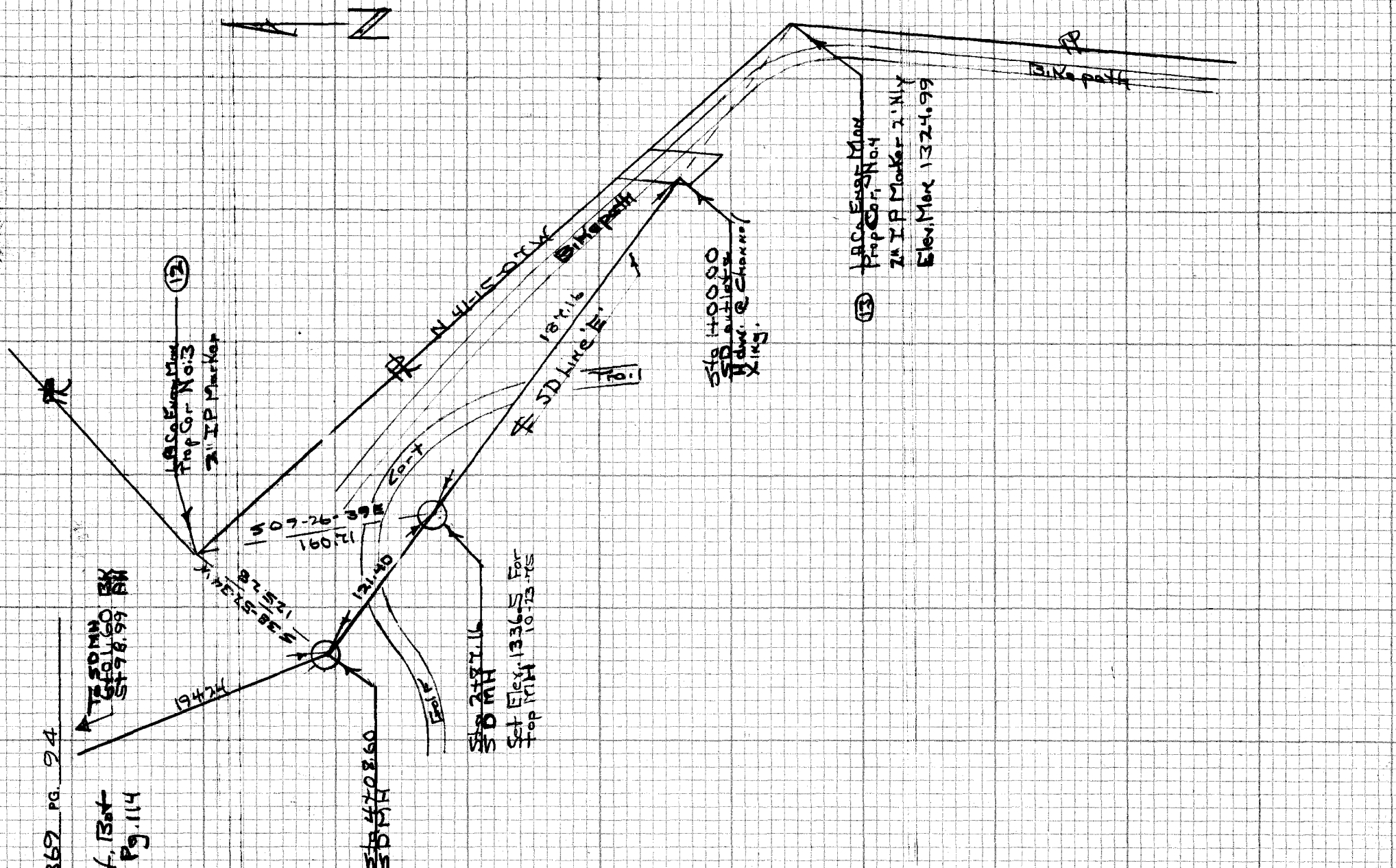

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Carisa Pk

DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D. L. B. DATE 9-23-75

DATE _____ INDEXED L. M. PALMIERI DATE SEP 14 1976

F.B. 4369 PG. 95

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

J.N. 9943.02

El Carisa Regional Park Sylmar-Arc Specs 1989

STORM DRAIN LINE "E"

Vertical Control

Rgs. 9596

See FB 4369-93-94 For Horizontal Control

Reference:
C-1215,

Burkholder

Rodriguez

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 96

JOB NO. 9943.02 SURVEY OF El Coriso Pk NOTES RED.

SURVEY BY Burkholder DATE

NOTES BY DATE 9-29-75 NOTES CHKD.

INDEXED [illegible] PALMERI DATE SEP 14 1978 DATE

Storm Drain Line 'E' C-12,15,

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut	
1+00.00				1326.81		1323.00	C-3.81	1x2 N&T 8' Rt.
+25				27.63		23.82	C-3.81	
+50				27.65		24.65	C-3.00	
+75				29.12		25.47	C-3.65	
2+00 ⊙				30.28	3.294%	26.29	C-3.99 ⊙	
+25				35.44		27.12	C-8.32	
+50				32.48		27.94	C-4.54	
+75				34.46		28.77	C-5.69	
+85.16				36.47		1329.10	C-7.37	
2+87.16	SDMH			37.38				
+89.16 ⊙				38.19		1329.55	C-8.64	
3+00				42.97	17.856%	31.49	C-11.48	3+13.3 1333.86 ℄ walk 47.07 ⊙ 13.21
+25				49.74		35.95	C-13.79	
+50				57.99		40.42	C-17.57	1356.32 ⊕
+75				57.68		44.88	C-12.80	
4+00				60.59		49.35	C-11.24	
+06.60				63.40		1350.52	C-12.88	
4+08.60	SDMH Bk.			1364.11				79.00
+10.60				63.40		1351.32	C-12.08	
+25				66.21		54.06	C-12.15	1365.25 ⊕
+50				68.13		58.81	C-9.32	
+65	Grade Break			68.85		1361.66	C-7.19	
+75				69.78		62.29	C-7.49	
5+00				70.78		63.86	C-6.92	
+25				71.54		65.43	C-6.11	
+50				72.02	6.278%	67.00	C-5.02	
+75 ⊙				74.53		68.57	C-5.96	
5+99.60				75.06		1370.11	C-4.95	1x2 N&T 8' Rt.
6+01.60 BK 5+98.99 AH	SDMH Existing							
TBM						TBM Elev = 1377.12		1377.12

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76-L-298-CE 307-4/73

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Notes Ck'd by	Survey of El Cariso Pk
Map No.	JN 994302 Tape Std °F
Office Work	Surveyed by Burkholder
Checked	Notes D.L.B. Date 3-23-73
Date	Indexed E. M. PALMER SEP 14 1973

F.B. 4369 PG. 97

J.N. 994302

El Cariso Regional Park - Sylmar Area
Specs 3787

Horizontal Control Sta. Line "F" & E.B. control @ end there of

Pgs. 97-98

See FB 4369-99-100 For Vertical Control

Reference

FB 4368-36

C-9.15

A 2.4 CB & Wall detail

Burkholder
Rodriguez

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CE 310
76F-3085-4/73

CE 310
76F3095-4/73

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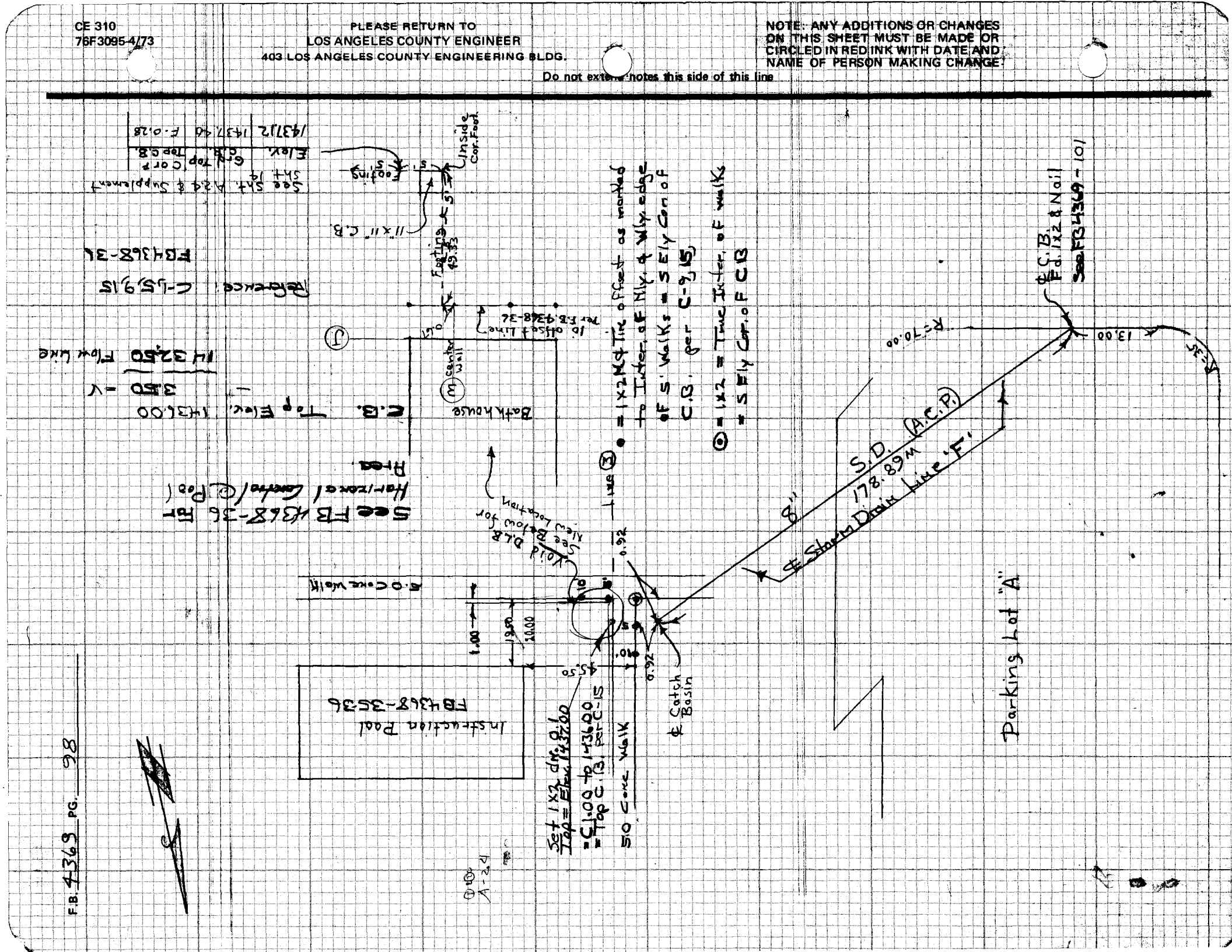

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DATE _____ SURVEY BY Burkholder

NOTES CHKD. _____ NOTES BY D.L.B. DATE 9-29-75

DATE _____ INDEXED L. M. PALMER DATE SEP 14 1976

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

J. N. 9943.02

El Cariso Regional Park Sylmar Area Specs 3289

STORM DRAIN LINE "F"

Vertical Control

Note: Grd. Brk. Changed from 1+80 to 2+25 to Provide 2' Minimum Cover

Pgs 99-100

Burkholder
Rodriguez

See FB 4369 Pg. 97-98 For Horizontal Control

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CE 307
76-L-298-4/73

F.B. 4369 PG. 100

JOB NO. 9943.02 SURVEY OF El Cariso PK NOTES RED. ____

SURVEY BY Burkholder DATE ____

NOTES BY D.L.B. DATE 9-23-75 NOTES CHKD. ____

INDEXED E. M. PALMERI DATE SEP 14 1976 DATE ____

8" S.D. Line "F"

STATION	B.S.	H.I.	F.S.	ELEV.	%	Grade	Cut			
T.B.M.				1423 52						
1+00				1437 88		1427.20	C-4.68			
+25				1432 10		27.45	C-4.65			
+50				1432 34	1.00%	27.70	C-4.64			
+75				1431 71		27.95	C-3.76	30.9 3216		
1+80 ⊙				1431 45		28.00	C-3.45			Cover
2+00				1430 53		28.20	C-2.33	31.3 3106		2.19
+25	Grd Brk			1430 83		1428.45	C-2.38	32.8 3128		2.16
+50				1432 77	7.52%	30.33	C-2.44	33.9 3332		2.32
+75				1436 34		32.21	C-4.13			
2+78.89				1436 95		1432.50	C-4.45			

6>8
2%

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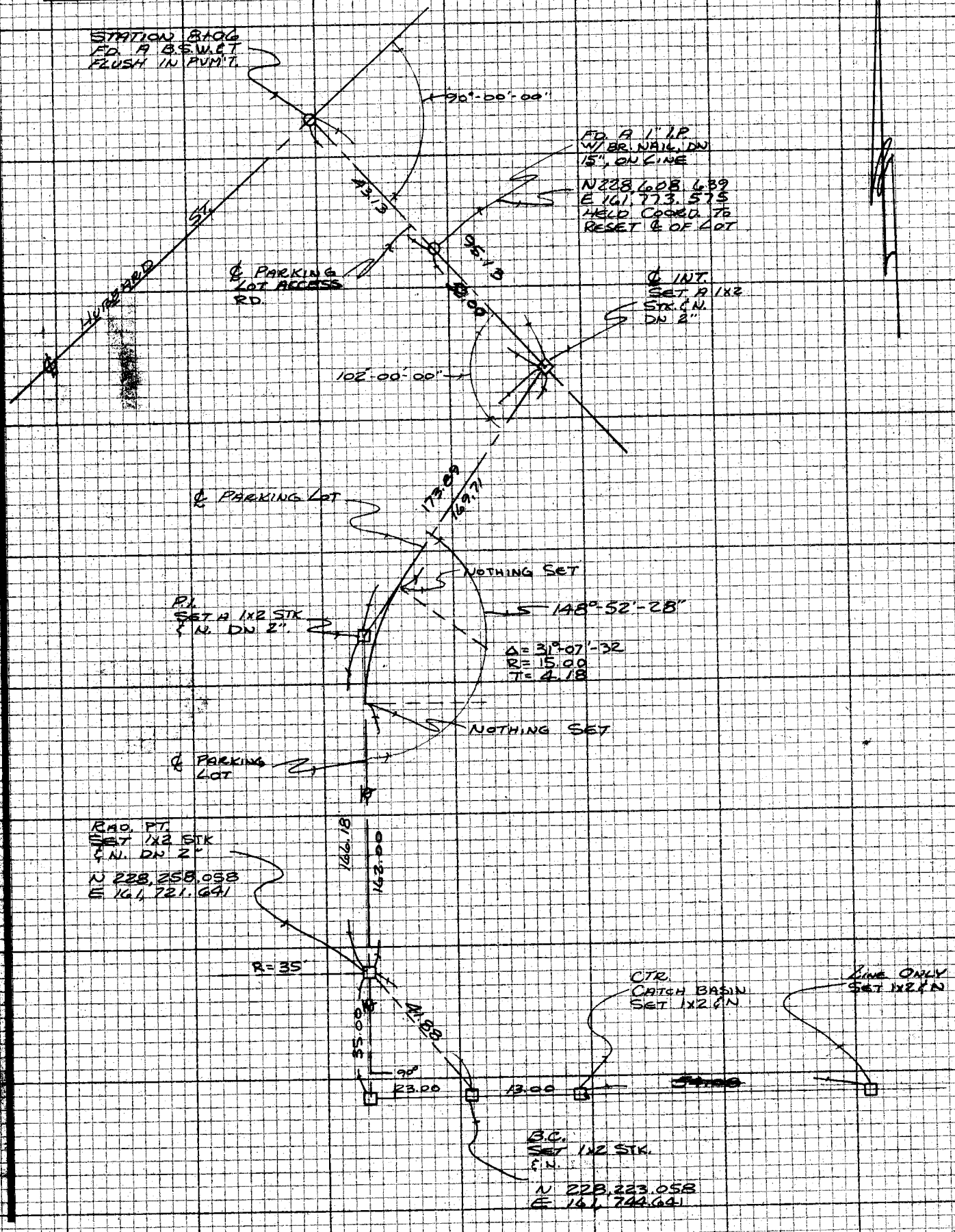
Notes Ck'd by	Survey of E4 CARLSO PARK F.B. 4369 PG. 101
Map No.	JN 594302 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes Date 18-SEP-75
Date	Indexed E. M. PALMER



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CENTERLINE NOTES
CE 310
76F 3095-4/73

NOTES RED. _____ JOB NO. 994302 SURVEY OF El Caniso Regional Park F.B. 4369 PG. 103

DATE _____ SURVEY BY H.H. Spriggs

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED L. M. PALMER DATE SEP 14 1976

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

JN 994302

El Caniso Regional Park — Sylmar Area
Specs 3289

Nly. Curb of Eldridge Ave - Curb Grades

Pgs. 103-106

Note: Staked 3' N.Ely. of Face Curb
= 36' N.Ely of ℄ Eldridge

Reference: C-17

These grades supercede Pgs. 53-58

Spriggs Copy Add to — Strader Const. — Randell Original

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 104

JOB NO. 9943.02 SURVEY OF El Coriso Regional Park NOTES RED.

SURVEY BY H.H. Spriggs DATE

NOTES BY DATE NOTES CHKD.

INDEXED [illegible] PALMERI DATE SEP 14 [illegible] DATE

Eldridge Ave - Top N. Ely Curb Grades per C-17,18,

STATION	B.S.	H.I.	F.S.	ELEV.					
BM 03-07440					BM 03-07440	Elev 1381.80	FB 40259-3		
					Wire Spike	SW Curb Eldridge Ave			
					2' SE	OBC	Curb Rat.	SE/O Hubbard St.	
12+70.32		Existing 1' Sly ℄		1361 50		1361.48	OK		
12+70.32		6' N Ely ℄ = FL		1361 40	Con	1360.88	C0.52	1X2 N&T 3.00 off edge	
12+90.32		6' N Ely ℄		1361 38	Bdge	1360.43	C0.85	1360.53	
13+15.32				1362 41		1360.40	C1.91	60.50	
13+40.32				1362 04		1360.38	C1.56	60.48	
13+65.32				1362 22		1360.35	C1.77	60.45	
13+90.92	BCR	33' N Ely ℄		1360 89	FL	1360.33	C0.49	1360.40	
					TC	1360.83	F0.01	1360.90	3.00 off face Curb
1/4 Δ		Δ = 93-23-48		1360 64	TC	1360.84	F0.18	1360.92	
1/2 Δ		R = 20.00		1361 22	TC	1360.94	C0.28		
3/4 Δ		L = 32.60		1361 49	TC	1361.11	C0.38		
		T = 21.22							
	ECR	Access Road		1361 70		1361.31	C0.39		
								C8	
14+12.12					FL	1360.26	1360.35	1X2 N&T 3' Nly	9.68 Sub
14+26.15	℄	28' Access Road Clubhouse			FL	1360.21	1360.30		9.63 Sub
14+40.17					FL	1360.17	1360.25		9.58 Sub
	ECR	Access Road		1361 76	TC	1360.86	C0.90		3.00 off face Curb
3/4 Δ		Δ = 86-36-12		1361 39	TC	1360.78	C0.61		
1/2 Δ		R = 20.00		1360 80	TC	1360.71	C0.09		
1/4 Δ		L = 30.23		1360 62	TC	1360.66	F0.04		
		T = 18.85							
14+59.02	BCR	FL 0.19	TC 0.66	1359 75		1360.61	F0.66	1X2 N&T 3' Nly	
+75		0.13	0.60	60 13		1360.55	F0.42		Existing 1' Sly ℄ 1360.72 M. 1360.69 P.
15+00		0.02	0.48	60 42	0.40%	1360.45	F0.03		
+25				60 28		1360.35	F0.07		
+50	BVC			60 28		1360.25	C0.03		
+75				60 06		1360.10	F0.04		
6+00				59 90		1359.92	F0.02		
+25				59 67		1359.68	F0.01		
+50				59 40		1359.43	F0.03		
+75				59 09	Vertical Curve	1359.15	F0.06		
7+00	EVC			58 96		1358.84	C0.12		
+25				58 62		1358.52	C0.10		
+50				58 40		1358.21	C0.19		1358.50 M. 1358.47 P.
+75				58 03	1.264%	1357.89	C0.14		
8+00				57 60		1357.58	C0.02		

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

Do not extend notes this side of this line

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

NOTES RED. _____ JOB NO. 3943.02 SURVEY OF El Cerrito Regional Park F.B. 4369 PG. 105

DATE _____ SURVEY BY H.H. Griggs

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED S. M. PALMERS DATE SEP 14 1970

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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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

STATION	B.S.	H.I.	F.S.	ELEV.	Eldridge Ave: Tg M. Elyc Curb Inverts over C-17/18 Existing Invert			
18+25				1357.32	1357.26	C 0.06	1X1 NET 3% NW	
18+38.04	℄ Interior Crossgutter Ave			Not Set				
+50				57.06	1356.94	C 0.12		
+75				56.72	1356.63	C 0.09		
19+00				56.37	1356.31	C 0.06		
+25				56.03	1356.00	C 0.03		
+50				55.73	1355.68	C 0.05		
+75				55.37	1355.36	C 0.04		
20+00				55.12	1355.06	C 0.04		
+25				54.57	1354.73	F 0.21		
+50				54.52	1354.42	C 0.10		
+75				54.19	1354.10	C 0.09		
21+00				54.00	1353.78	C 0.22		
+25.22	BC			53.47	1353.47	Erode		
21+44.49	MOC = ℄ Interior ℄ Eddy St.			53.31	1353.23	C 0.08		1353.48 M. 1353.44 P.
+63.37	EC			53.15	1352.99	C 0.16		
+75				53.02	1352.85	C 0.22		
22+00				52.67	1352.54	C 0.13		
+25				52.39	1352.23	C 0.16		
+50				52.07	1351.92	C 0.10		
+75				51.67	1351.61	C 0.06		
23+00	℄ Sidewalk Culvert			51.31	1351.30	C 0.01		
+25				51.01	1350.99	C 0.02		
+50				50.70	1350.68	C 0.02		
+75				50.64	1350.37	C 0.21		
24+00				50.39	1350.06	C 0.33		
+25				50.01	1349.78	C 0.23		
+50				49.58	1349.50	C 0.08		
+75				49.26	1349.22	C 0.04		
25+00				49.11	1348.94	C 0.12		
+25				48.76	1348.66	C 0.10		
+50				48.40	1348.37	C 0.03		
+75				48.18	1348.09	C 0.09		
26+00				47.93	1347.81	C 0.12		1348.10 E. 1348.09
+25				47.66	1347.53	C 0.13		
+50				47.48	1347.25	C 0.23		
+75				47.18	1346.97	C 0.21		
27+00				46.85	1346.69	C 0.16		
+25				46.61	1346.41	C 0.20		

F.B. 4369 PG. 106

JOB NO. 994302 SURVEY OF El Camino Regional Park NOTES RED.

SURVEY BY H.H. Spriggs DATE

NOTES BY DATE NOTES CHKD.

INDEXED E. M. PALMER DATE SEP 14 1994 DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Eldridge Ave - Top N. Ely Curb Transfers per C 17.18 Existing 1.81 Ht.			
27+50				1346.37	1346.13	CO.24	1x24" TopNly	
+75				46.11	1345.85	CO.26		
28+00				45.80	1345.56	CO.24		
+25				45.48	1345.28	CO.20		
+50				45.32	1345.00	CO.32		
+75				44.92	1344.72	CO.20		
29+00				44.60	1344.44	CO.16		
+25				44.40	1344.16	CO.24		
+50				43.97	1343.88	CO.09		
+75				43.78	1343.60	CO.18		
30+00				43.32	1343.32	Trade		1343.76 EP. 1343.72 EP.
+25				42.97	1343.04	FO.07		
+50				42.60	1342.75	FO.15		
+75				42.35	1342.47	FO.12		
31+00	℄ Sidewalk Culvert			42.15	1342.19	FO.04		
+25				40.94	1341.91	CO.13		
+50				41.61	1341.60	FO.02		
+75				41.20	1341.35	FO.15		
32+00				41.16	1341.07	CO.09		
+25				40.91	1340.79	CO.12		
+50				40.72	1340.51	CO.21		
+75				40.50	1340.23	CO.28		
33+00				40.18	1339.94	CO.24		
+25				39.90	1339.66	CO.24		
+50				39.78	1339.38	CO.40		
+75				39.11	1339.10	CO.01		
33+88.41	BCR	A=90-01-40		38.70	1338.95	FO.25		1339.05 EP. 1339.03 EP.
+08.05	MOC	R=25.00		39.16	1338.61	CO.55		
34+27.69	ECR	L=39.28		1338.61	1338.28	CO.53		
	Cross Gutter @ Harding St.							
	Inter. Curb El. with 4' X Gutter				EL 1338.10		3743 Sub	℄ 18
	Join New 4' X Gutter with Existing			1338.55	Elv 1338.54	OK		
				1337.97			Sp/Ho Tan 1/2	off Inter EL's
				1338.17			10°	
				1338.23			15°	

9.57

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76L-298-CE 307-4/73

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

Notes Ck'd by	Survey of El Corriso Regional Park F.B. 4369 PG. 109
Map No.	JN 994302 Tape Std °F
Office Work	Surveyed by H H Spriggs
Checked	Notes LHS Date 10-75
Date	Indexed L. M. PALMER SEP 14 1976

JN 994302

El Corriso Regional Park

Sylmar Area
Specs 3289

Horizontal Control For Storm
Drain Line 'C' & CB No. 5
@ end thereof.

Pgs. 109-110

See FB 4369-110-111 For Vertical Control

Reference: C-10.15, C-5 @ Outlet Detail
Also C-11 For lake configuration @ outlet.

Spriggs
Beasley
Boroff
Davis

3810
67
3743

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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CENTERLINE NOTES
CE 310
76F3005-4/73

CE 310
76F3095 4/73
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Do not extend notes this side of this line
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

F.B. 4369 PG. 110

Flow Line 'V' Drain 1369.50
Elevation Top CB 1369.00
Elevation Bot CB 1366.50

Sta 64+08.23
Outlet CB

Bdry Cor. No 16
LACo Engr Mon
FB 4368-21

N 226 713
E 161 848

CB No. 5
W = 7.39 x 2.12
V = 2.5

Sta. 13+85.06
Lt. 'V' Drain
per FB 4368-110

Edge of Pool

N 35°-30'-44" W
261.67'

Storm Drain Line 'C'

Grades of CB No. 5 above

	Top CB 1369.00	Bot CB 1366.50
A	1372.14	C 3.14 / C 5.64
B	1372.25	C 3.25 / C 5.75
C	1371.86	C 2.86 / C 5.36
D	1371.74	C 2.74 / C 5.24
E	1371.80	C 2.80 / C 5.30
F	1372.42	C 3.42 / C 5.92

N 226 500

Sta 4+25 7' Rt. 12"

159.65'
S 26°-24'-16" W

Sta 2+85.12
SDMH

S 02°-43'-30" E
272.70'

Sta 1+30.12
Set 1x2 on ℄
Set 1x2 NAT 8' Rt.

Sta 00+80.08
Outfall Junction
N 226 265
E 161 960

1x2 NAT offset as shown to Center of CB No. 5 Interior Edge

Concrete Pad

SDMH

Flow Line

Slope 2.5%

136.6

1ST Curve

Sta 0+98.16

Sta 1+13.80

Sta 1+19.92

Sta 1+40.80

Golf Course

Lake

	1352.68	1352.00	C1.68
	1355.25	1354.00	C0.77
	1355.80	1355.00	C1.45
	1356.60	1356.00	C0.71
	1352.80	1352.00	C0.86

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Coriso Regional F.B. 4369 PG. 111

DATE _____ SURVEY BY H H Spriggs

NOTES CHKD. _____ NOTES BY HHS DATE 9-19-75 10-75

DATE _____ INDEXED E. M. PALMERI DATE SEP 14 1976

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

JN 9943.02

El Coriso Regional Park Sylmar Area
Specs 3289

Vertical Control For Storm
Drain Line 'C'

Pgs. 111-112

See Pgs 109-110 For horizonal control.

Reference: C 10,15,

Spriggs Control	Stredor	Lenda
0+ to 2+ & CB No. 5 @ 6+	0+ to 2+	2+ to 6+

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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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 112

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED B. M. PALMERI DATE SEP 14 1978 DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.				
CBM #3				136511	2" IP Conc Plug & Brass Nail MKd. '3'			
0+80.00	End-Outfall in Lake			135364		1354.00	F0.36	
1+00				135648		1354.46	C2.02	
+30.12				136147		1355.17	C6.30	
+50				136178		1355.63	C4.15	
+75				136218		1356.21	C5.97	
2+00				136314		1356.79	C6.35	
+25						1357.37		1357.80 Stub
+33.12						1357.61		
2+35.12								
+37.12				136426		1357.79	C6.47	
+50				64 10		57.10	C6.00	
+75				63 70		58.70	C5.00	
3+00				65 33		59.30	C6.03	
+25				66 44		59.90	C6.54	
+50				66 81		60.50	C6.31	
+75				66 80		61.10	C5.90	
4+00				66 18		61.70	C4.88	
+25				67 46		62.30	C5.46	
+50				70 29		62.90	C7.39	
+75				69 41		63.50	C5.91	
5+00				69 45		64.10	C5.35	
+25				69 83		64.70	C5.73	
+50				70 24		65.30	C4.94	
+75				70 01		65.90	C5.11	
+00				North				
+00.23				71 84		136650	C5.34	
MC								
PTP North				137162	LACo Engr Mon Flush MKd Prop Cor No. 14			

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76-L-298-CE 307-4/73

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

Notes Ck'd by	Survey of EL Cariso Pk
Map No.	JN 7943.02 Tape 21C Std 84 °F
Office Work	Surveyed by E. LANDI
Checked	Notes E. LANDI Date 9-23-75
Date	Indexed R. M. PALMER SEP 14 1976

F.B. 4369 PG. 113

EL CARISO REG PARK

J.N 9943.02

HORIZONTAL CONTROL

STORM DRAIN LINE "E"

FROM: M.H.#1 STA. 5+98.99

TO: M.H.#1 STA 8+46.98 (OLD PLUS = 8+48.99 PER PLAN DOES NOT FIT ON GROUND)

Pgs. 113-114

See FB 4369-115-116 For Vertical Control

REF. SHT C-12

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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CENTERLINE NOTES
CE 310
76F-3005-4/73

F.B. 4369 PG. 114

CE 310
76F3095-4/73

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

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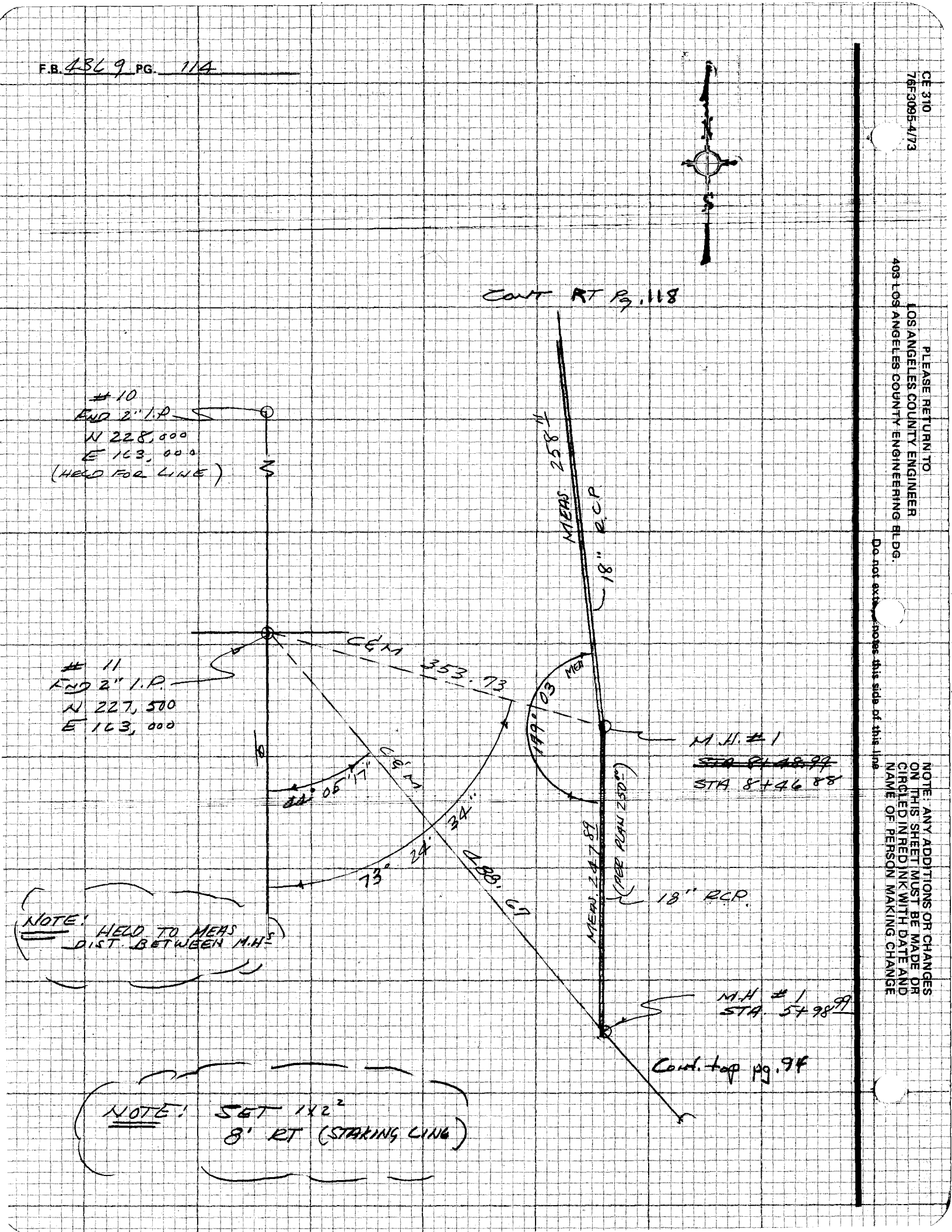

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF EL CARISO PARK F.B. 4369 PG. 115

DATE _____ SURVEY BY E. LANDA

NOTES CHKD. _____ NOTES BY E. LANDA DATE 9-23-75

DATE _____ INDEXED S. M. PALMERI DATE SEP 14 1976

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

EL CARISO PARK

J.N. 9943.02

VERTICAL CONTROL

STORM DRAIN LINE "E"

(LINE STAKED 8' RT)

FRM: M.H. #1 STA. 5+98.99

TO: M.H #1 STA 8+46.88 (OLD PLUS = 8+48.99 PER PLAN DOES NOT FIT ON GRND)

REF: SHT. C-12 & C-15

Pgs. 115-116

See FB 4369-113-114 For horizonal control

NOTE: HELD TO GIVEN INVER ELEV. & MEAS DIST. SET NEW PLUSES & PER CENT PER H.S.

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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PROFILE LEVEL NOTES CE 307 76-L-298-4/73

F.B. 4369 PG. 116

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY E. LANDA _____ DATE _____

NOTES BY E. LANDA _____ DATE _____ NOTES CHKD. _____

INDEXED T. M. PALMERI _____ DATE SEP 14 1976 _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	STORM DRAIN	LINE "E"
Bm. #11				1392.64	B.m. #11 ELEV = 1392.64	
T.P.				86.91		
T.P.				78.78		
					%	Grade	Cut
5+98.99	CTR. M.H. #1					—	
6+00.99				75.03	.034277 (CHANGED PER CENT)	1370.31	4.72
+25				76.20		71.13	5.07
+50				77.05		71.99	5.06
+75				77.51		72.85	4.66
7+~				78.58		73.71	4.87
+25				79.55		74.57	4.98
+50				80.36		75.43	4.93
+75				81.23		76.29	4.94
8+~	T.P.			82.11		77.15	4.96
+25				83.34		78.01	5.33
+44.88				83.69		1378.67	5.02
+46.88	(CHNG IN M.H. PLUS (PER PLAN 8+48.99)					—	
	HELD TO DIST. BETWEEN POINTS						
	SET ON GROUND BY COORD CALC)						
T.P.				91.54			
T.P.				1400.17			
T.P.				1409.35			
B.M. #10				1411.09	B.m. # 10, ELEV = 1411.09		

SET 1x2's 8' RT.

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76-L-298-CE 307-4/73

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

Notes Ck'd by		Survey of EL Cariso Park	F.B. 4369 PG. 117
Map No.		JN Tape Std °F	
Office Work		Surveyed by	
Checked		Notes Date	
Date		Indexed [illegible] PALMER SEP 14 [illegible]	

EL CARISO REG PARK
J.N. 9943.02

HORIZONTAL CONTROL
STORM DRAIN LINE "E"

FROM M.H. #1 STA. 8+46.88 CTR. (OLD PLUS 8+48.99 PER PLAN)

TO: END PIPE @ C.B. STA. 11+04.99 (OLD PLUS 11+11.85 PER PLAN)

Pg 117-118

REF SHT C-12

See FB 4369-119-120 For Vertical Control

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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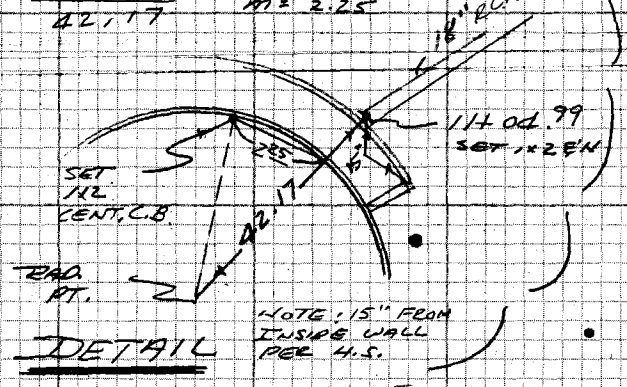
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4369 PG. 118

C.B. DATA PER DWG # 2-0162

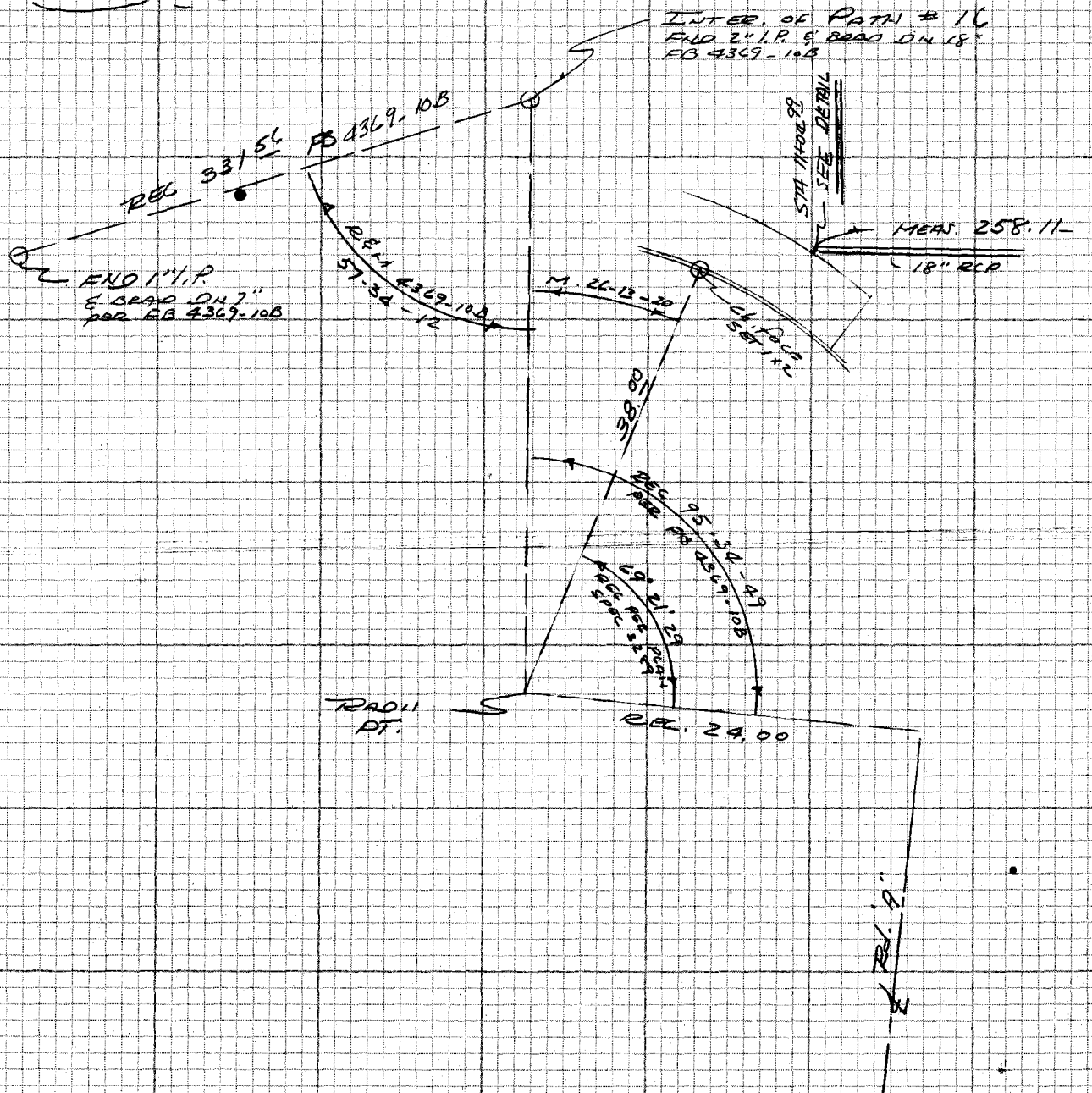
B = 3.17
2-6" WALLS: 1.00
C.B. THICK.
4.17
R = 38.00
42.17

15" = 1.25
½ 7.00 = 3.50
3.50
-1.25
M = 2.25



NOTE: 15" FROM INSIDE WALL PER H.S.

DETAIL



CE 310
76F3095-4/73

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

Notes Ck'd by	Survey of EL CARISO PARK
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes Date 22-OCT-75
Date	Indexed L. M. PALMERI SEP 14 1976

F.B. 4369 PG. 118A

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

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PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINES
CE 310
76F-3095-4/73

CUL-DE-SAC
ROAD "A"

CATCH BASIN
Nº 2 (11+11.85)
SHEET C-12

17' OFFSET

℄ Box

STORM DRAIN PIPE

SET CHIS. + TOP OF PIPE AT INSIDE FACE OF BOX 3.5' FROM ℄ Box

116 Fd. 2" I.P.

3.5' FROM ℄ Box

3.5' FROM ℄ Box

10'

R=45

TOP CURB 1395.73

7' OFFSET R=45

1X2 & TIN 9.5' FROM ℄ Box

R=38'

CURB FACE R=38'

A=49.00

Δ=11°-53'-54"

5°-46'-38"

9°-02'-48"

5°-16'-38"

9°-02'-48"

NOTE: SEE F.B. 4367-10B

F.B. 4369-10B

RADIUS POINT OF CUL DE SAC SHT. C-4 & C-12

Fd. 1X2 & TIN BAD. FT. R=38' TO CURB FACE

STAKE Nº	STAKE ELEV.	± FROM TOP CURB AT CENTER	TOP CURB GRADE	CUT/FILL TO T.C.
1	1395.97	+0.19	1395.92	C0.05
2	1395.71	+0.07	1395.80	F0.09
3	1396.15	BASIS	1395.73	C0.42
4	1393.01	+0.09	1395.82	F2.81
5	1396.18	+0.09	1395.82	C0.36
6	1397.15	+0.25	1395.98	C1.17

This page, if possible should be added to Pg. 118, then discarded

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF EL Cariso Pk F.B. 4369 PG. 119

DATE _____ SURVEY BY E. LANDA

NOTES CHKD. _____ NOTES BY E. LANDA DATE 9-24-75

DATE _____ INDEXED L. M. PALMER DATE SEP 14 1976

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

EL Cariso Park

J.N. 9943.02

VERTICAL CONTROL

STORM DRAIN LINE "E" (CONT.)

FROM: M.H. #1 STA. 8+46.88 (OLD PLUS = 84 48.99 PER PLAN

TO: END PIPE @ C.B. 11+01.99 (OLD PLUS = 11+05 PER PLAN

Pgs. 119-120

See FB 4369-117-118 For horizontal control

REF. SHT C-12 & C-15

NOTE; HOLD TO GIVEN INVERT ELEV: E' MEAS. DIST. SET NEW PLUSES E °/o PER H.S.

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

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 120

JOB NO. 9943.02 SURVEY OF EL CARISO PK NOTES RED.

SURVEY BY E. LANDA DATE

NOTES BY E. LANDA DATE 9-24-75 NOTES CHKD.

INDEXED L. M. PALMERI DATE SEP 14 [illegible] DATE

STATION	B.S.	H.I.	F.S.	ELEV.	STORM DRAIN LINE "E" (CONTINUATION)		
B. x T. #10				1411 09	BM. #10 ELEV = 1411.09		
T.P.				1403 19			
					%	GRADE	CUT
8+46.88	CTR. M.H						
+48.88				83 97		1378.84	5.13
+75				85 10		80.15	4.95
9+ ~				86 22		81.41	4.81
+25	T.P.			87 57		82.67	4.90
+50				88 58		83.93	4.65
+75				89 75		85.19	4.56
10+ ~				91 75		86.45	5.30
+25				92 71		87.71	5.00
+50				93 88		88.97	4.91
+75				94 93		90.23	4.70
11+ ~				95 65		91.49	4.16
+04.99	END PIPE @ C.B.			1395 71		1391.73	3.98
T.P.				88 23			
BM #11				1392 64	BM #11 Elev = 1392.64		

S = .0503

SET 1x2 8' RT

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76-L-298-CE 307-4/73

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Notes Ck'd by	Survey of EL CARISO PARK
Map No.	JN 3343.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes Date 6-OCT-75
Date	Indexed L. M. PALMER SEP 14 1976

F.B. 4369 PG 121

HORIZONTAL CONTROL FOR BICYCLE PATHS

RANDALL
COCKERHAM
WENSEL
DONLEVY

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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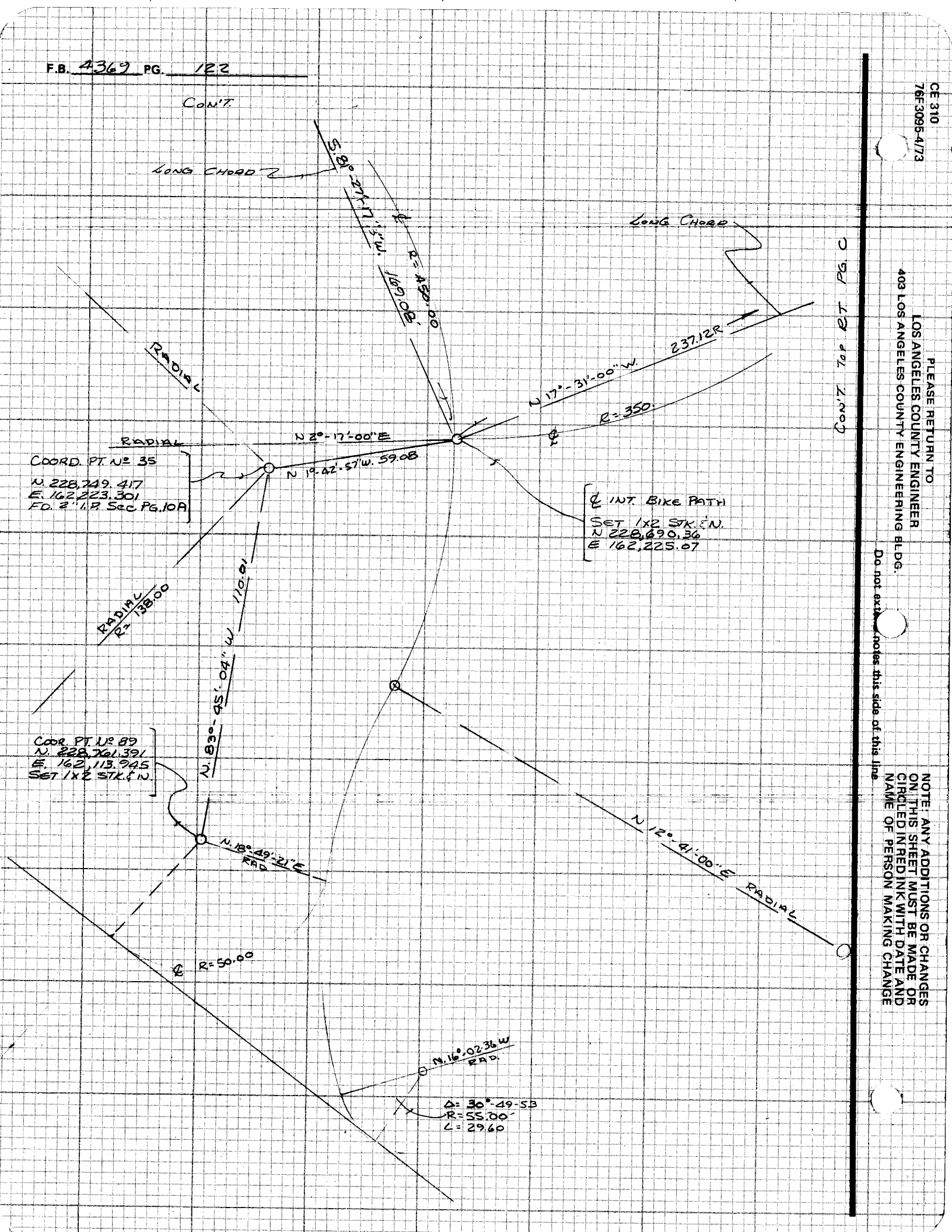
~~402 LOS ANGELES COUNTY ENGINEERING BLDG.~~

CENTERLINE NOTES
CE 310
76F-3006-4/73

F.B. 4369 PG. 122

CON'T



CE 310
76F3095-4/73

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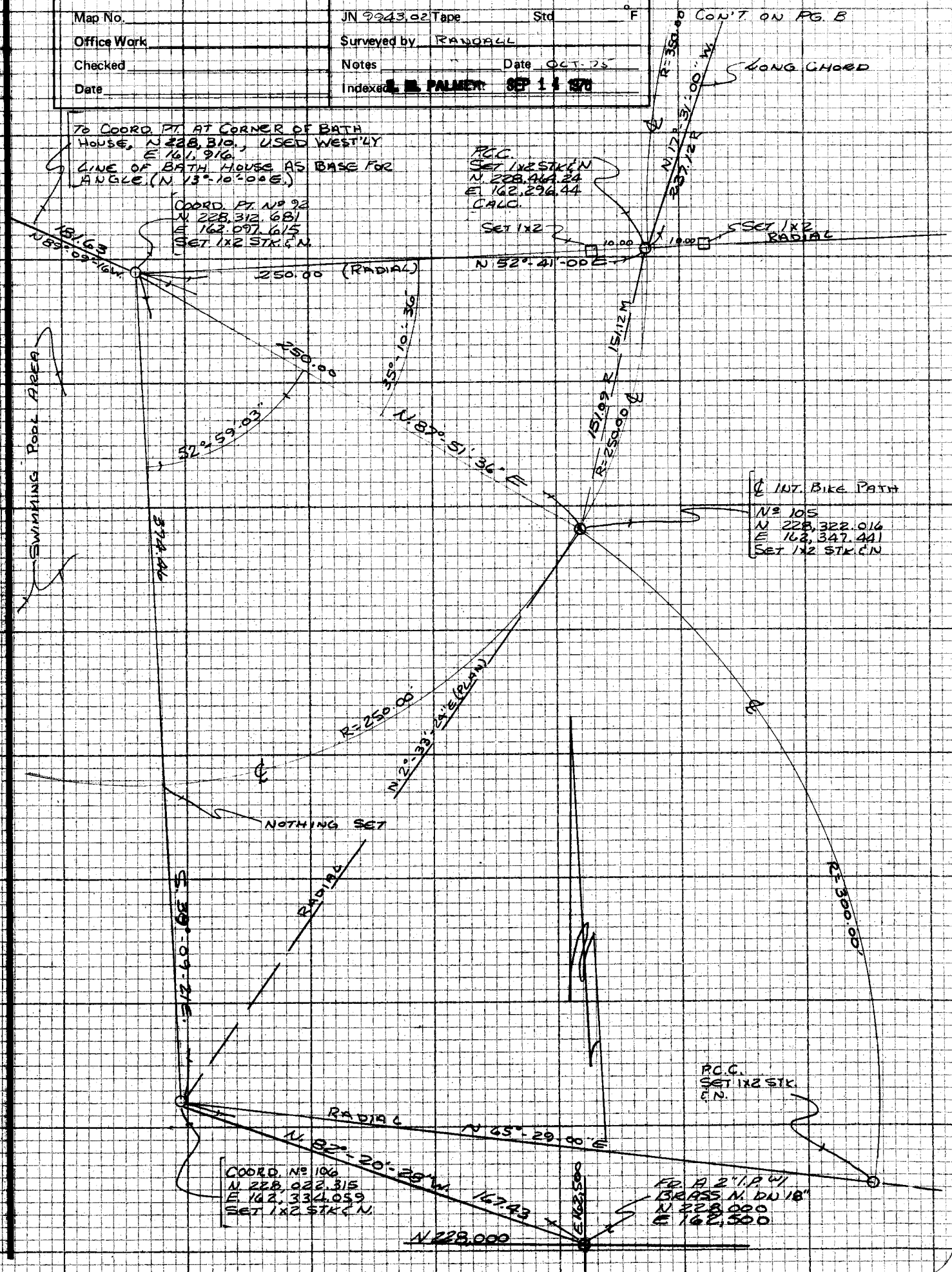
Notes Ck'd by	Survey of EL CARISO PARK
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes Date OCT-75
Date	Indexed L. M. PALMER SEP 14 1976

F.B. 4369 PG 123



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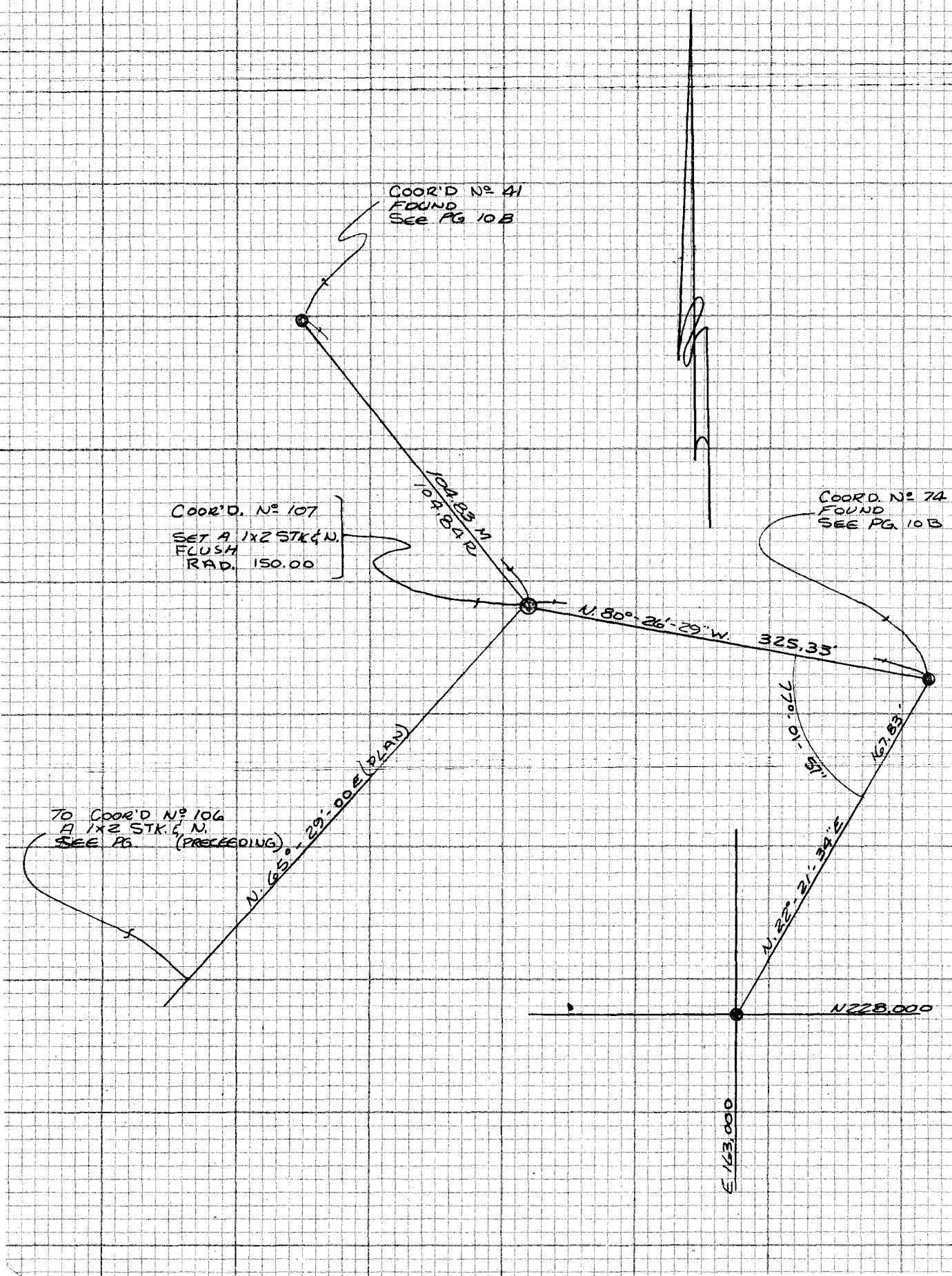
CENTERLINE NOTES CE 310 76F3095-4/73

F.B. 4369 PG. 124

RADIUS POINTS FOR BIKE PATHS (CON'T.)



CE 310
76F3095-4/73

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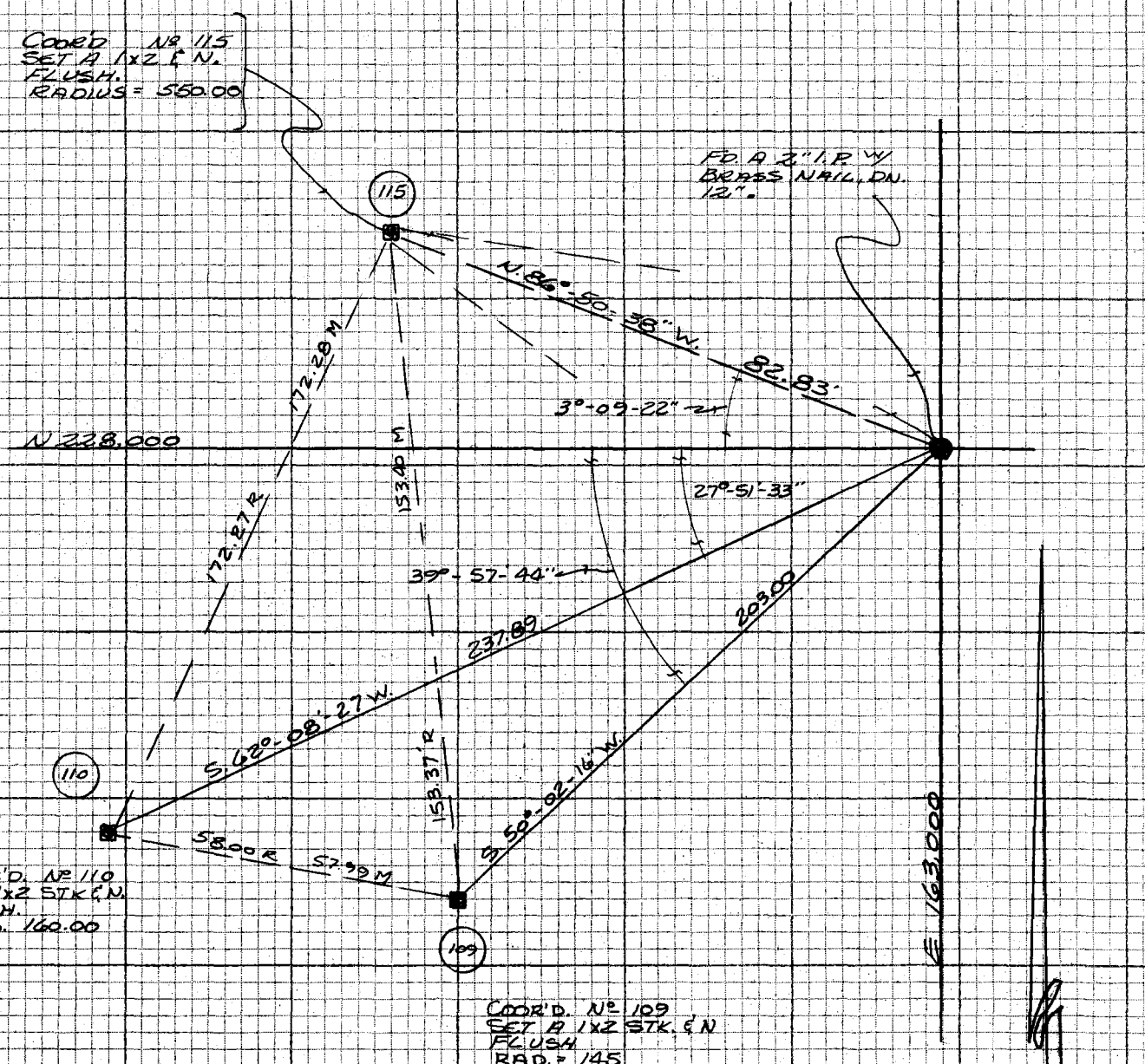
Notes Ck'd by	Survey of EL CARISO PARK F.B. 4369 PG 125
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes " Date 7-OCT-75
Date	Indexed E. M. PALMER SEP 14 1976

BIKE PATH RADIUS POINTS (CON'T.)



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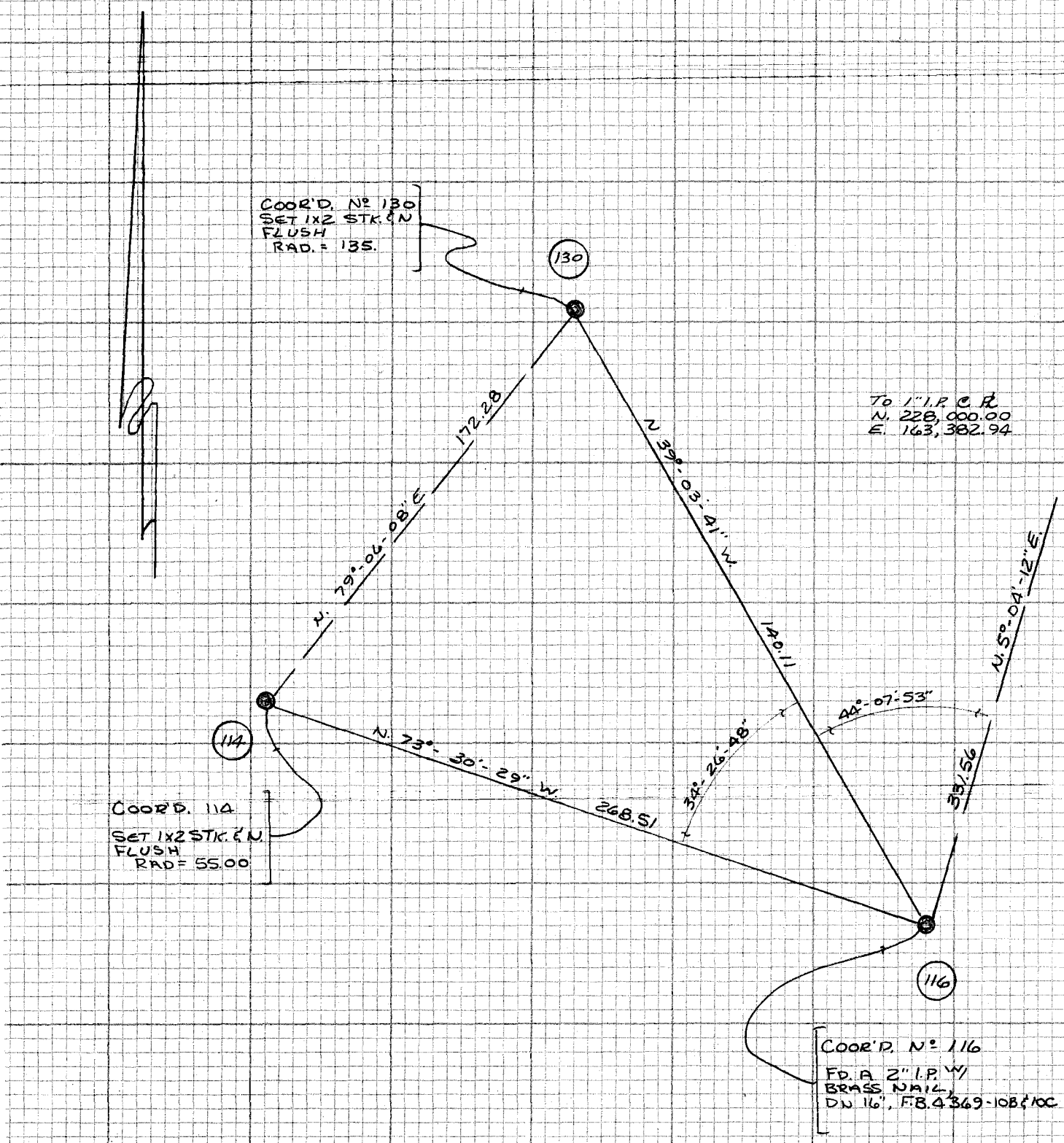
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4369 PG. 126

F

BIKE PATH RADIUS POINTS (CON'T)



CE 310
76F3095-4/73

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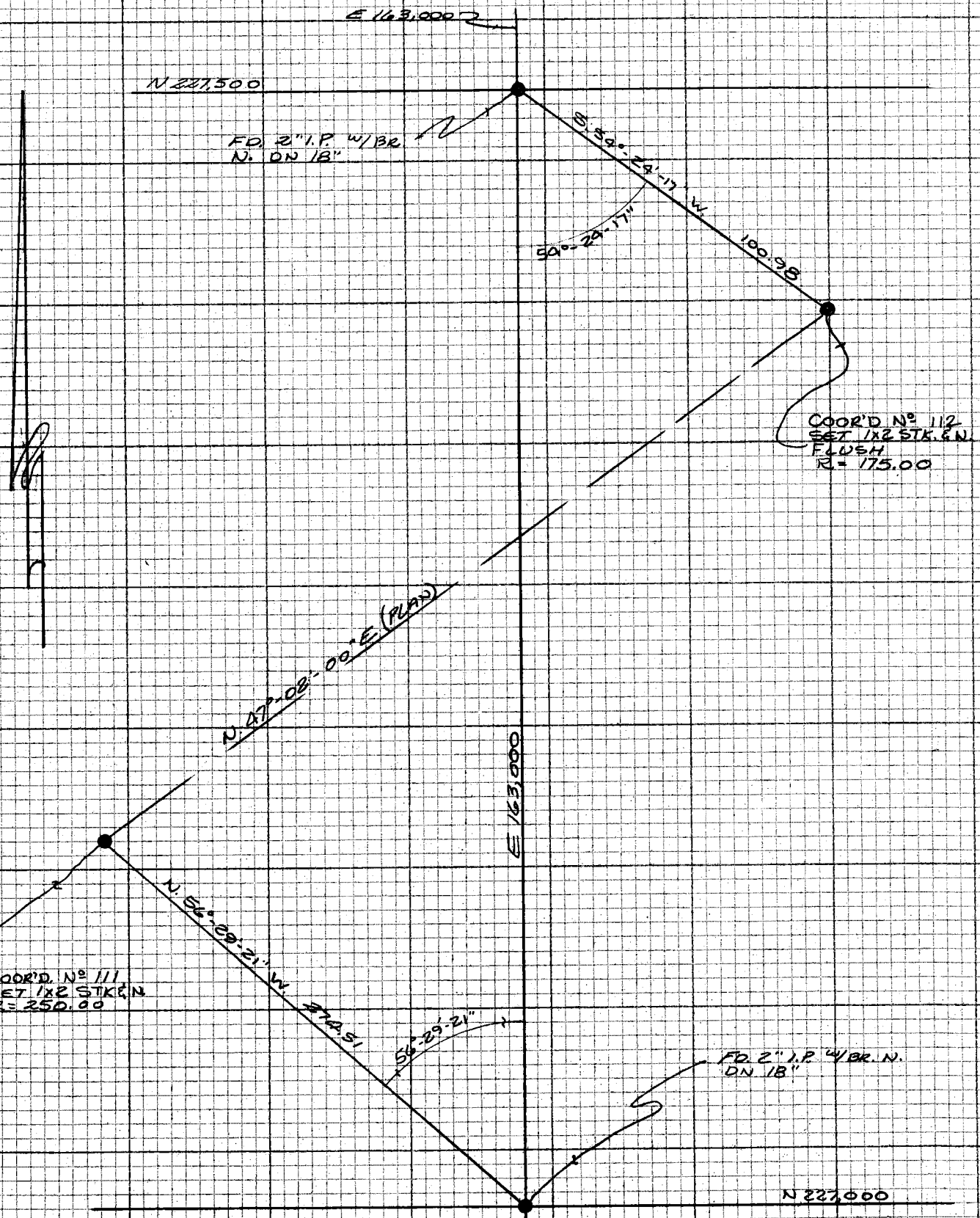
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes " Date 7-OCT-75
Date	Indexed E. M. PALMER SEP 14 1976

F.B. 4369 PG. 127

G

RADIUS POINTS FOR BIKE PATHS



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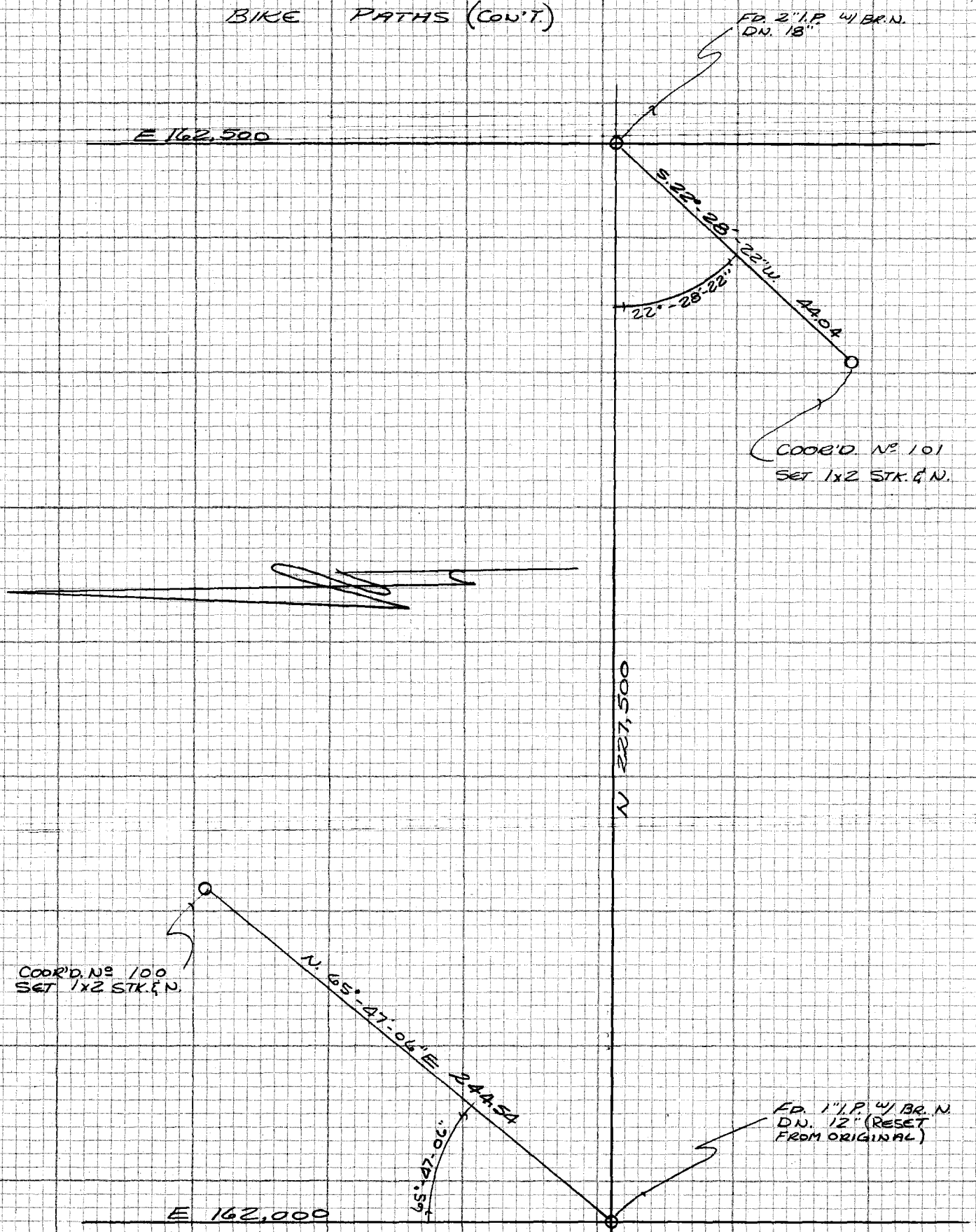
405

CENTERLINE NOTES
CE 310
76F 3095-4/73

F.B. 4369 PG. 128

H

RADIUS POINTS FOR BIKE PATHS (CON'T.)



CE 310
76F3095-4/73

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Notes Ck'd by	Survey of EL CARISO PK
Map No.	JN 9943-02 Tape — Std — °F
Office Work	Surveyed by E. LANDA
Checked	Notes E. LANDA Date 9-19-75
Date	Indexed E. M. PALMER SEP 14 1976

F.B. 4369 PG. 129

EL CARISO PARK

J.N. 9943.02

LOCATE RADIAL PT'S @ 96, 99, & 103

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CE 310
76F3095-4/73

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76F3095-4/73

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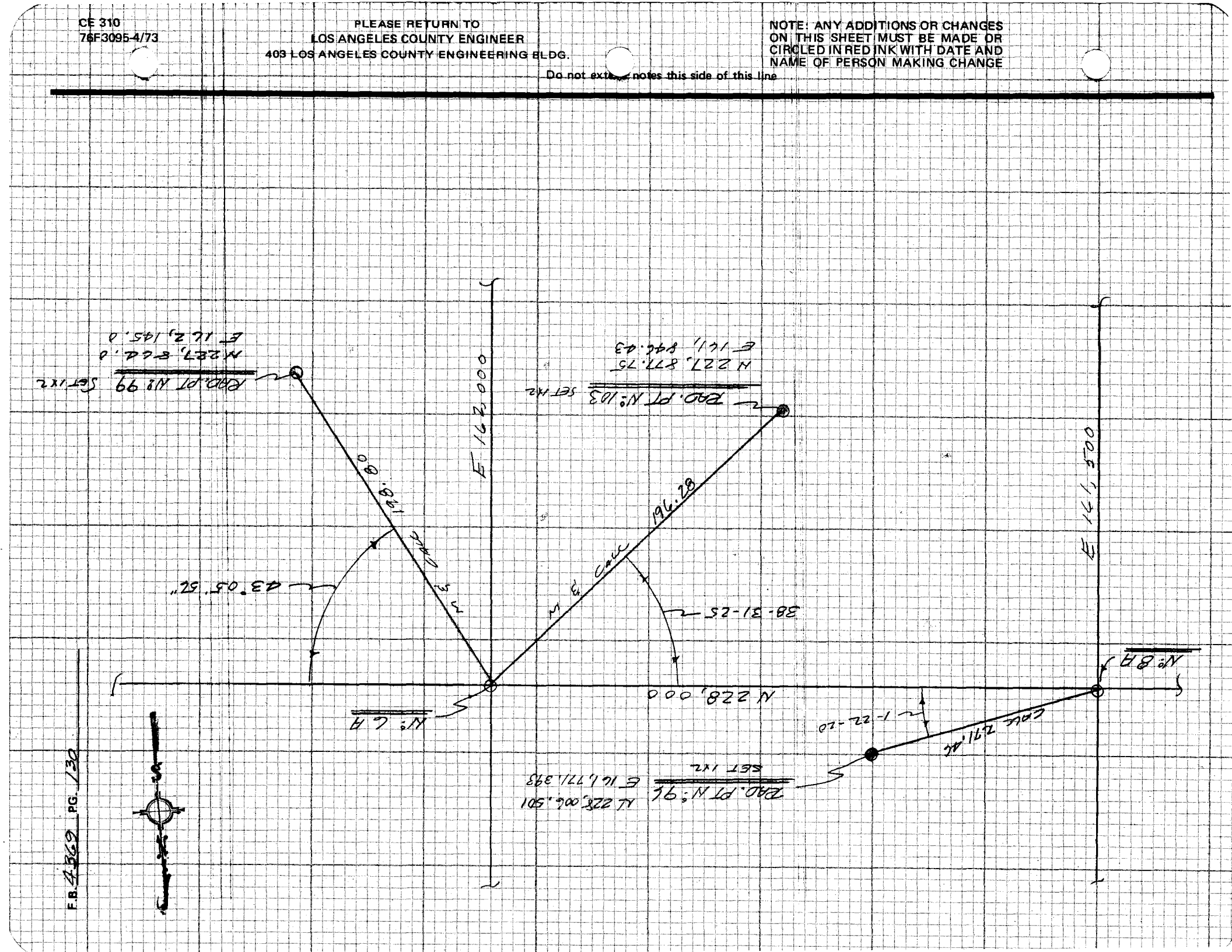

F.B. 4369 PG. 130

Notes Ck'd by	Survey of El Cariso Regional Park F.B. 4369 PG. 131
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by H.H. Spriggs
Checked	Notes HHS Date 10-1-75
Date	Indexed E. M. PALMERI SEP 14 1976

JN9943.02

El Cariso Regional Park

Sylmar Area
Space 3289

Horizonal Control 12" SD. From Junction @ 4+25 of SD Line 'C' Nly. along Ely. side of Clubhouse, thence Wly along Nly side of Clubhouse - Location by scale.

Pgs. 131-132

See FB4369-133-134 For Vertical Control

Reference:
FB4369-
C-10
VTN Revision Sheet

Note: Revision routes drain N/o Equipment Yard wall due to grade problem HHS

Spriggs
Beasley
Boxtin
Davis

Burkholder
Jones
Rodriguez

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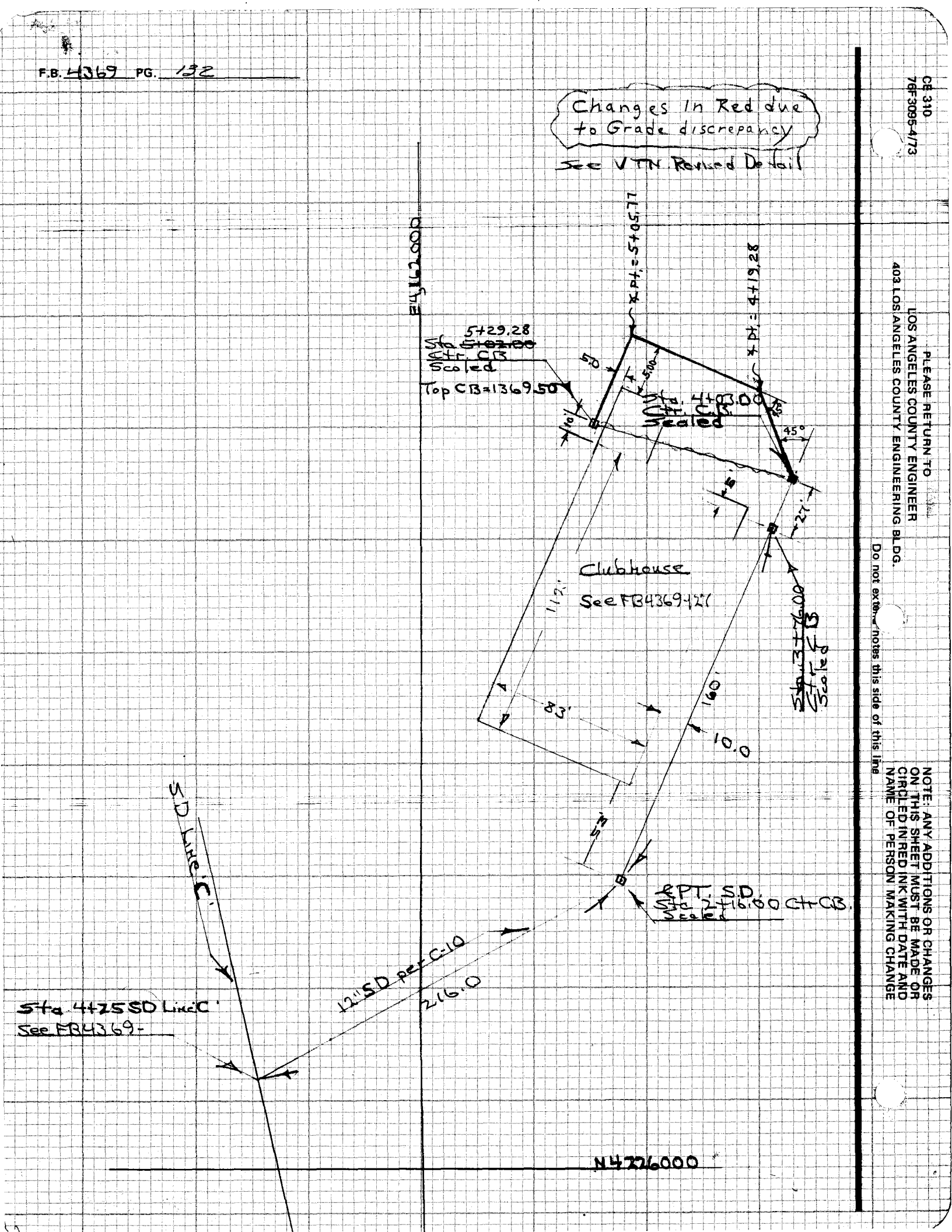
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4369 PG. 132



CE 310
76F3095-4/73

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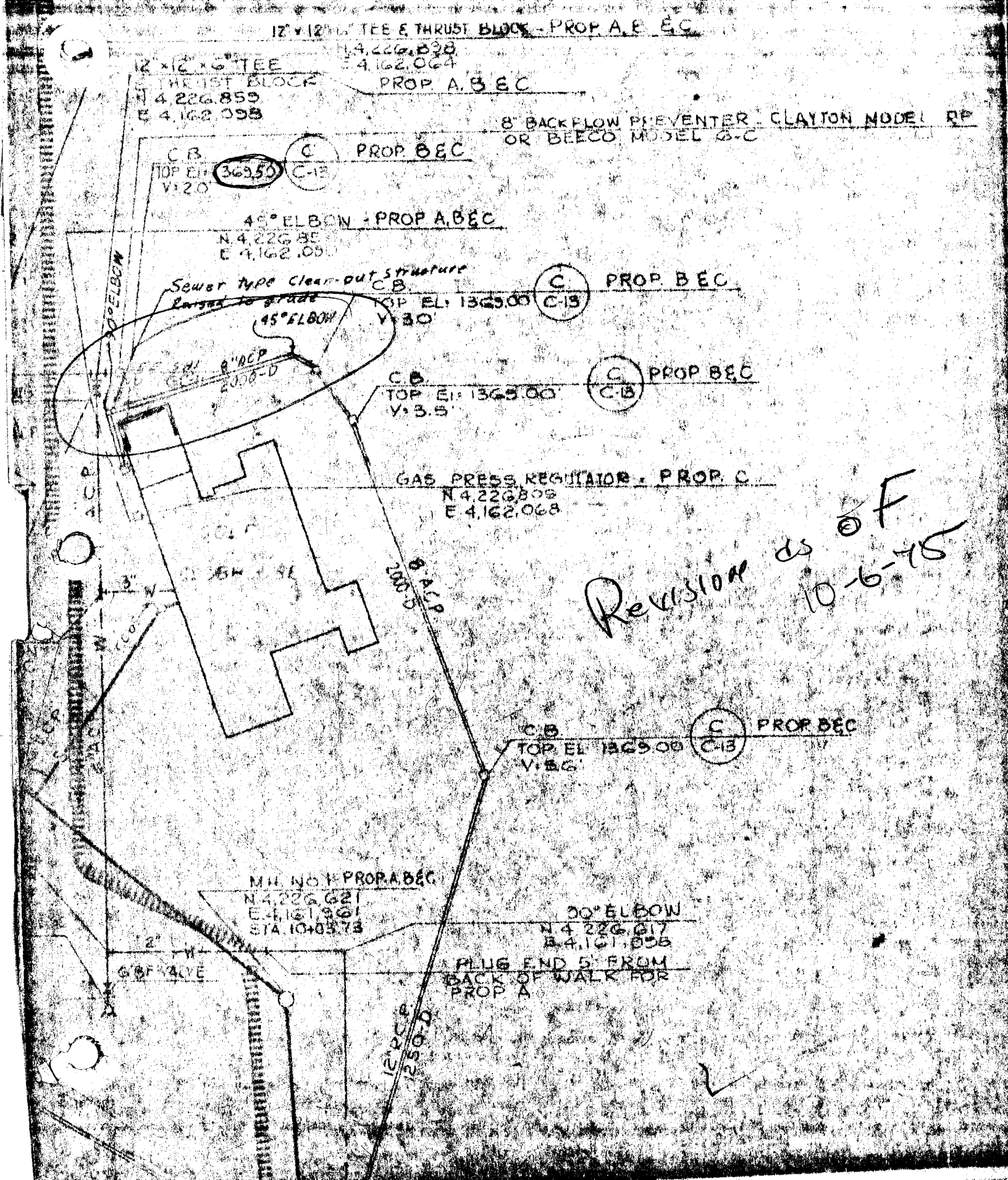
F.B. 4369 132A

S.D.

Change Hor. Location of C.B.
Elev. remains same

C-6



Revision ds of F
10-6-75

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Coriso Regional Park F.B. 4369 PG. 133

DATE _____ SURVEY BY _____

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED E. M. PALMER DATE SEP 14 1970

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

JN 9943.02

El Coriso Regional Park

Sylmar Area
Specs 3289

Vertical Control 12" S.D. From Junction @ 4+75 SD Line 'C' Nly. along ely side of clubhouse, thence wly. along Nly. side of clubhouse - location by scale

Pgs. 133-134

See FB 4369-131-132 For horizonal control

Reference:
FB 4369
C-10

Spriggs
Beasley
Baxeth
Dervis

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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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 134

JOB NO. 9943.02 SURVEY OF El Coriso Regional Park NOTES RED.

SURVEY BY DATE

NOTES BY DATE NOTES CHKD.

INDEXED E. M. PALMER DATE SEP 14 1978 DATE

STATION	B.S.	H.I.	F.S.	ELEV.		
TBM				1375.71	TBM, El.=1375.71, Spk in Enc. Near N.E. Cor. Clubhse.	
4+25 0+00					1362.30	FS#2 per C-10,15, F134369 - Stk & T 8' Rt.
+54				67.77	1362.60	C 5.17
1+08				68.20	1362.90	C 5.30
1+62				70.54	1363.20	C 7.34
2+16	℄PT, CB = 1369.00 Top CB - 5.50V	Back		69.45	1363.50	C 5.95
2+56				69.44	1364.02	C 5.42
2+96				69.46	1364.54	C 4.92
3+36				69.38	1365.06	C 4.32
3+76	POT CB = 1369.00 Top CB - 3.42V			69.38	1365.58	C 3.80
3+90	POT			69.48	1365.80	C 3.68
4+03 Bk	℄PT CB			69.75	1366.00	C 3.75
+03 Ahd.	= 1369.00 Top CB - 3.00V			69.85	1366.00	C 3.85
4+19.28 =	℄ Pt. Bk.			69.56	1366.13	C 3.43
2+19.28	Ahd.			69.59	1366.13	C 3.46
1+62.53				69.53	1366.47	C 3.06
+05.77 =	℄ Pt Bk			76.23	1366.81	C -3.42
+05.77	Ahd.			77.67	1366.81	C -10.86
+29.28	ctr. C.B.			74.88	1367.00	C -7.88

overall average grade = .85%

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76-L-298-CE 307-4/73

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2980'

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Cariso Regional Park F.B. 4369 PG. 135

DATE _____ SURVEY BY H.H. Spriggs

NOTES CHKD. _____ NOTES BY _____ DATE 10-7-75

DATE _____ INDEXED E. M. PALMERI DATE SEP 14 1978

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

JN 9943.02

El Cariso Regional Park

Sylmar Area
Specs. 3289

Revised curb grades ely side of
Hubbard St. per V.T.N., 10-7-75

Note: Pgs. 135-140 Incl.

These grades supercede FB 4369-49-52
HHS

Reference:
C-16, 19, 20,

Note: Staking line is 36.00 E/o ℄ Hubbard St.
= 3.00 E/o New Face curb, New Ely R/W = 43.00
per C-16

Strader Randall Spriggs
Dover Cockerham Beasley
Johnson Domlevy Bonetti
Wensel Darvis

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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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F 81269 PG. 136

JOB NO. 9943.07 SURVEY OF El Cariso Regional Park NOTES RED.

SURVEY BY H.H. Spriggs DATE

NOTES BY DATE NOTES CHKD.

INDEXED L. M. PALMERS DATE SEP 14 1976 DATE

STATION	B.S.	H.I.	F.S.	ELEV.	Hubbard St. ely. top curb per C-19,20,
BMSP2				1487.11	
	Dig 11-20-75				
	See pg# 140 for Grd. Change from 1+64 to 5+50				
	Per L.A. City P-28488				
	Dated May 21, 1975				
1+50				1486.35	Top & Curb
+64.10	EC			1485.59	F 0.23
+75				1484.55	F 0.16
2+00				1482.75	F 0.10
2+06.00 = 0+00.00	BCR			1482.36	C 0.03
+07.85	Δ/4			1482.18	C 0.09
+15.71	Δ/2	D=90° R=20		1481.72	C 0.48
+23.56	Δ/3			1481.37	C 0.45
+31.42	ECR			1480.79	C 0.47
2+60				1480.79	Grade
2+40.00	POT & Entry			1480.19	C 0.46
2+54.6 T.P.				1479.20	C 0.76
+31.42	ECR			1478.56	C 0.34
+23.56	Δ/3			1479.22	F 0.38
+15.71	Δ/2	D=90° R=20		1479.03	F 0.19
+07.85	Δ/4			1478.84	F 0.17
3+00.00	BCR			1478.67	F 0.06
3+14.00				1477.41	F 0.07
+25				Not Set	
3+39				1475.53	F 0.12
+25				1473.71	F 0.18
3+50				1472.17	C 0.03
+75 T.P.				1470.50	C 0.12
4+00				1468.65	C 0.04
+25				1466.84	F 0.01
+39	Lt Sta.			1465.83	F 0.07
+50				1465.12	F 0.07
+75				1463.95	C 0.33
5+00				1462.75	C 0.07
+25 T.P.				1461.70	Grade
+50				1460.65	F 0.05
+75				1459.99	F 0.11
6+00				1458.80	F 0.10
+25				1457.69	F 0.15
+50				1456.69	F 0.10

1X4 HUB T SET ELEV	Existing Edge
-45	48544
-47	1484.62
-70	1482.92
-69	1482.46
-85	1481.04
-80	1480.00
-74	1478.98
-60	1477.58
-53	1475.68
-59	1473.98
-67	1472.74
-50	1470.50
-56	1468.67
-60	1466.84
-66	1465.30
-71	1463.95
-45	1462.63
-30	1458.80

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NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Camino Regional Park F.B. 4369 PG. 137

DATE _____ SURVEY BY H.H. Spriggs

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED E. M. PALMERI DATE SEP 14 1976

Hubbard St. ely top curb per C-19, 20,

STATION	B.S.	H.I.	F.S.	ELEV.		Top 8" Curb		1X2 NoT 3Ft Ely		Existing Edge
6+75				1455.50		1455.69	F0.19			
7+00				1454.67	4.01%	1454.69	F0.02		-.32	1454.51
+25				53.58		1453.68	F0.10			
+50				52.67		1452.67	Grade			1452.50
7+67.00 = 0+00.00	BCR			1451.87		1452.00	F0.13			
+07.85				51.77		1451.63	C0.14			
+15.71		Δ=90° R=20		51.77		1451.37	C0.40			
+23.56				51.64		1451.19	C0.45			
+31.42	ECR			51.34		1451.13	C0.21			
7+87.00				1450.17	F.L.	1450.53	F0.36	✓		
8+06.00	POT & Entry			49.17	F.L.	1449.77	F0.60	✓		
8+25.00				48.44	F.L.	1449.00	F0.56			
+31.42	ECR			1449.65		1449.90	F0.25			
+23.56			49.44	~~49.66~~ 44		1449.73	~~F0.07~~	F0.29		
+15.71		Δ=90° R=20		49.44		1449.47	F0.03			
+7.85				49.18		1449.17	C0.01			
0+00.00 8+45.00	BCR		48.19	~~1448.56~~		1448.87	~~F0.31~~	F0.68	-.37	1448.74
+50				48.39		1448.67	F0.28			1448.57
+75 T.P.				1447.28		1447.67	F0.39			
9+00				1446.30	4.01%	1446.67	F0.37		-.35	1446.52
+25				45.22		1445.66	F0.44			
+50				44.31		1444.66	F0.35			
+75				43.50		1443.65	F0.15			
10+00	Begin Revision as of 10-7-75			42.30		1442.65	F0.35		-.35	1442.50
+25				41.26	3.89%	1441.69	F0.43			
+50 T.P.				1440.62		1440.72	F0.10			
+75				39.95		1439.74	C0.21			
11+00				1438.72		1438.76	F0.04		-.34	1438.60
+25				1437.67		1437.79	F0.12			
+50				36.67		1436.82	F0.15			
+75				35.88		1435.83	C0.05	933		
12+00				1434.86		1434.84	C0.02	41	-.33	1434.67
+20				34.02		1434.11	F0.09	994		
+25				33.87		1433.92	F0.05			
+50 T.P.				1432.97		1433.00	F0.03	773		
+75				32.10		1432.06	C0.04	682		
13+00				31.07		1431.11	F0.04	91	-.31	1430.97
+25			30.16	~~30.90~~		1430.17	~~C0.03~~	F-0.01		
								3016		

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8+00 Plan 1450.44 Rmt 1450.53

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PROFILE LEVEL NOTES CE 307 76-L-298-4/73

F.B. 4369 PG. 138

JOB NO. 9943.02 SURVEY OF El Camino Regional Park NOTES RED. _____

SURVEY BY H.H. Spriggs DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED L. M. PALMER DATE SEP 14 1976 DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.		Hubbard St. Fly top curb per C-19, 20			
						Top 2nd Curb			
						1X2 W&T 3FH Fly Edge	Existing		
13+50				14 28 11		1429.23	F 0.12		
+75				28 37		1428.30	C 0.07		
13+94.82				Not Set		1427.59			
14+00				1427 21		1427.36	F 0.142	-.49	1427.20
14+00.82	Inside Edge CB			27 21		1427.32	F 0.142		
14+11.32	℄ CB Type 4 W=21'			26 75		1426.85	F 0.142 See C-21 For detail		
+21.82	Inside Edge CB			1425 66		1426.37	F 0.142		
14+24.82									
0+00.00	BCR			1425 30		1426.24			
+07.85				26 37		1425.91	C-0.46		
+15.71		R=30°/30.00	26.15	26 41		1425.64	C-0.77 C-0.51		
+23.56				25 68		1425.48	C-0.20		
+31.42	ECR			25 46		1425.46	Grade		
14+44.82				24 72	FL	1424.72			
+58.82				24 14	FL	1424.14			
+72.82				23 55	FL	1423.55			
+31.42	ECR			1423 80		1424.61	F 0.81		
+23.56				1424 03		1424.36	F 0.33		
+15.71		R=90°/20.00		1424 12		1424.03	C-0.09		
+07.85			23.80	1423 77		1423.69	C-0.08 C-0.11		
14+88.99	BCR		New Elk	23 48		1423.38	F 0.02 C-0.10		
5+00				22 94		1423.07	F 0.13	-.10	1422.97 1422.50
+25				21 88		1422.08	F 0.20		
+50				21 11		1421.09	C 0.06		1420.59
+75				20 05		1420.05	Grade		
16+00				18 98		1419.04	F 0.06 C 0.09	+.30	1418.67
+25				18 25		1418.02	C 0.23		
16+50 T.P.				17 01 12		1417.01	C 0.11		
+75 T				1616		1416.15	C 0.01		
17+00				1415.37		1415.29	C-0.08	-.39	1415.01
+25				14 44		1414.43	C 0.01		
+50				13 63		1413.57	C 0.06		

Fly top curb 0.4' — Fly top curb 3.5'

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76-L-298-CE 307-4/73

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68-4241 sheet

Hubbard St. @ 5+44

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Cariso Regional Park | F.B. 4369 PG. 139

DATE _____ SURVEY BY H.H. Spriggs

NOTES CHKD. _____ NOTES BY _____ DATE _____

DATE _____ INDEXED L. M. PALMERI DATE SEP 14 1970

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

STATION	B.S.	H.I.	F.S.	ELEV.	Hubbard St. elv. top curb per C-19,20		Existing Edge
17+75				141287	1412.73	C 0.14	
18+00				141200	1411.89	C 0.11	-.46 1411.68
+25				1105	1411.05	Grade	
+50				141021	1410.21	Grade	
+75				140938	1409.37	C 0.01	
19+00				140856	1408.53	C 0.03	-.45 1408.32
+25				140790	1407.69	C 0.21	
+50				0692	1406.85	C 0.07	
+75				140610	1406.01	C 0.09	
20+00				140513	1405.19	F 0.05	-.42 1404.94
+25				0440	1404.28	C 0.12	
+50				0392	1403.37	C 0.55	
20+64.51				140313	1402.83	C 0.30	
20+64.51				140294	SPK 22' OFF ℄ 1402.95		

3.75%

3.46%

Hubbard Street - Grades For Top Curb @ Electric Std. per C-32,23

2+74	Std. No. 23	147741	1477.48	F 0.07	
4+38	Std. No. 22	146583	1465.99	F 0.16	
5+94	Std. No. 21	145880	1458.94	F 0.14	
7+67	Std. No. 20	145187	1452.00	F 0.13	
9+27	Std. No. 19	144522	1445.58	F 0.36	
10+60	Conduit Xing	144036			
10+89	Std. No. 18	143922	1439.22	Grade	
12+51	Std. No. 17	143291	1432.96	F 0.05	
13+98	Std. No. 16	142738	1427.43	F 0.05	
15+67	Std. No. 15	142040	1420.37	C 0.03	
17+19	Std. No. 14	141468	1414.64	C 0.04	
18+80	Std. No. 13	140920	1409.20	Grade	
20+40	Std. No. 12	140389	1403.00	C 0.89	

F.B. 4369 PG. 140

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY Burkholder DATE _____

NOTES BY _____ DATE 11-20-75 NOTES CHKD. _____

INDEXED E. M. PALMER DATE SEP 14 1978 DATE _____

This page supercedes page 136 as noted.

Hubbard St Ely Curb Grd. Per L.A. City, P- 28488

STATION	B.S.	H.I.	F.S.	ELEV.	%	Top of Cb. Grade	Corr.	
1+50				1486 35		1486.58	F-0.23	
+64.10				85 33		1485.61	F-0.28	
+75				84 55		84.86	F-0.29	
2+00				82.75		83.07	F-0.32	
2+06.00 = 0+00	B.C.R.		81 96	~~82 36~~		82.65	F-0.29	F-0.69
0+07.85	Δ/4			82 18		82.05	C-0.13	ok
+15.71	Δ/2			81 72		81.53	C-0.19	ok
+23.56	3Δ/4			81 37		81.19	C-0.18	ok
+31.42	E.C.R.		80 69	~~80 79~~		81.05	F-0.26	F-0.36
2+26.0				80 65	F.L.	80.54	C-0.11	
2+40.00	P.O.T. & Entry			79 46	F.L.	79.53	F-0.07	
2+54.00			78 48	~~78 56~~	F.L.	78.53	~~C-0.03~~	F-0.05
0+31.42	E.C.R.		78 91	~~78 96~~		79.55	F-0.59	F-0.64
0+23.56				78 84		79.26	F-0.42	ok
0+15.71				78 40		78.82	F-0.42	ok
0+07.85			77 85	~~77 97~~		78.30	~~F-0.33~~	F-0.45
0+00 2+74.00	B.C.R.			77 41		77.77	F-0.36	
+75				Not set				
3+00				75 53	2.00%	75.95	F-0.42	
+25				73 71		74.20	F-0.49	
+50				72 17		72.45	F-0.28	
+75				70 50	0.18%	70.66	F-0.16	
~~1+00~~				68 65		68.86	F-0.21	
+25				66 84		67.09	F-0.25	
+50				65 12		65.49	F-0.37	
+75				63 95		64.04	F-0.09	
5+00				62 75		62.82	F-0.07	
+25				61 70		61.76	F-0.06	
5+50				1460 65		1460.70	F-0.05	

Continued pg# 136

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Notes Ck'd by	Survey of El Coriso Regional Park F.B. 4369 PG. 141
Map No.	JN 994302 Tape Std °F
Office Work	Surveyed by HH Spriggs
Checked	Notes HHS Date 10-6-75
Date	Indexed T. M. PALMER SEP 14 1976

JN 994302

El Coriso Regional Park

Sylmar Area
Specs 13289

Horizontal & Vertical Control
For
Storm Drain Line "F"
& CB No. 40 @ End Thereof

Pgs. 141-142

Reference:

C-21 detail SD line 'F'

C-20 Hubbard Street

FB 4369 Street Grades

Spriggs
Beasley
Goreth
Davis

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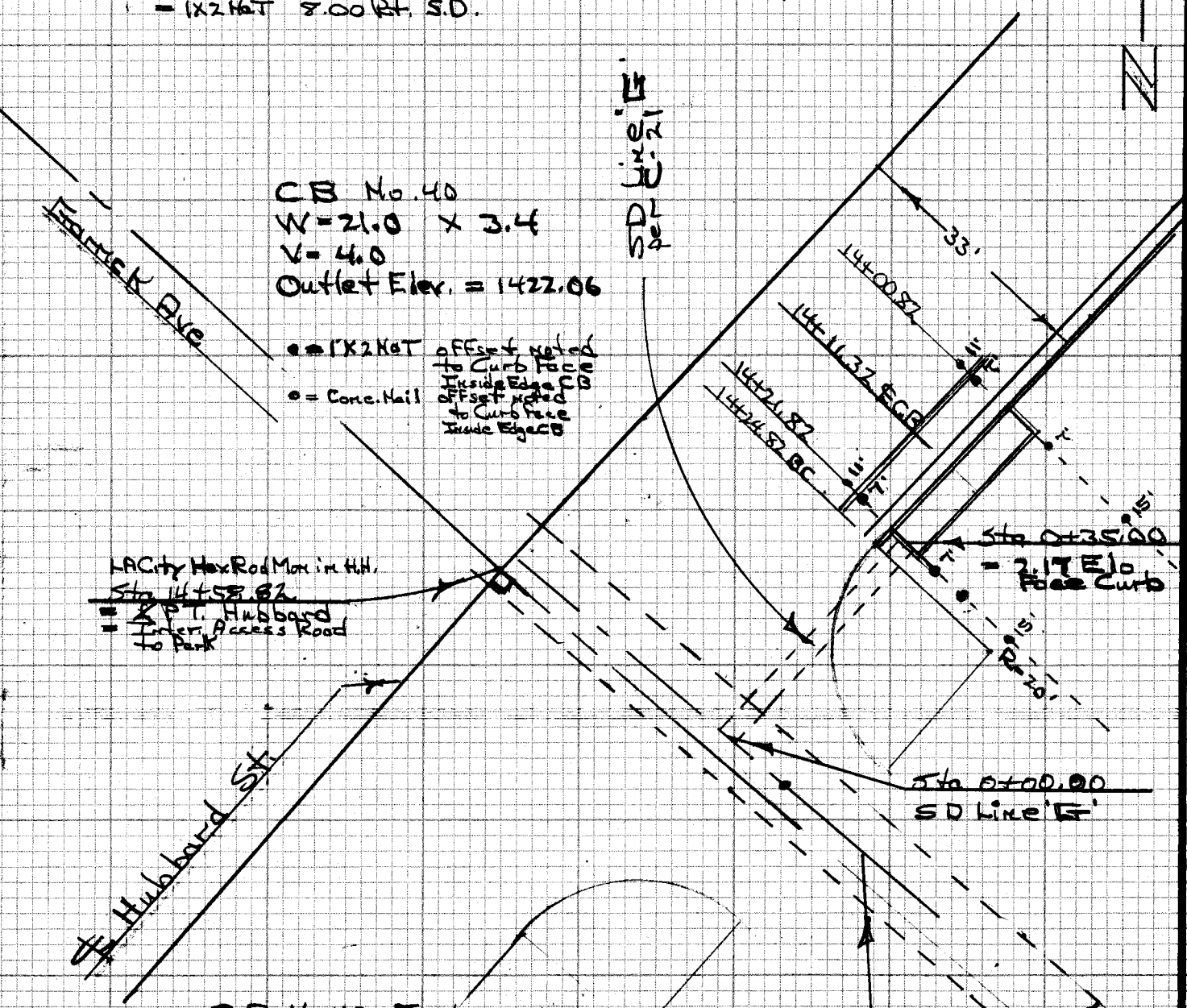
CENTERLINE NOTES
CE 310
76F-3005-4/73

F.B. 4369 PG. 142

Vertical Control

Station					Cut	
0+00.00	℄ Exist. Drain					
0+05.00	Nly Edge	1423.13	1412.46		10.67	1X2NaT 8.0 Rt.
0+17.50		1423.46	1416.46	0.32	7.00	
0+35.00	Outlet CB	~~1425.52~~ 5.02	1422.06		~~3.46~~ 2.96	1X2NaT 8.0 Rt.

= 1X2NaT 8.00 Rt. S.D.



CB No. 40 Grades - above

• = 1X2NaT 7' Ely of Curb Face

		Top Curb		Face Curb
13+94.82	1427.66	1427.55	C 0.11	1X2NaT 7' Ely
14+00.82	1427.40	1427.32	C 0.08	
14+21.82	1426.27	1426.37	F 0.10	
14+24.82 BC	1426.16	1426.24	F 0.08	

CE 310
76F3095-4/73

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Notes Ck'd by	Survey of EL CARISO REG. PARK F.B. 4369 PG. 143
Map No.	JN 994302 Tape Std °F
Office Work	Surveyed by L.L. BROWN
Checked	Notes L.L.B. Date 10-7-75
Date	Indexed L. M. PALMER SEP 14 1976

EL CARISO REG. PARK

J.N. 994302

BORROW AREA "A"

HORIZ. CONTROL FOR PROFILE & CROSS SECTIONS.

SEE PGS. 151-158 FOR X-SECT. NOTES

Pg. 143-144

See FB 145-152. For Xsections thereon.

SHEET NO. 42, 43

PARTY

BROWN, L.L.

MASSEY, R.G.

HENDERSON, J.E.

MOORE, R.A.

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CENTERLINE NOTES
CE 310
76F3095-4/73

CE 310
76F3095-4/73

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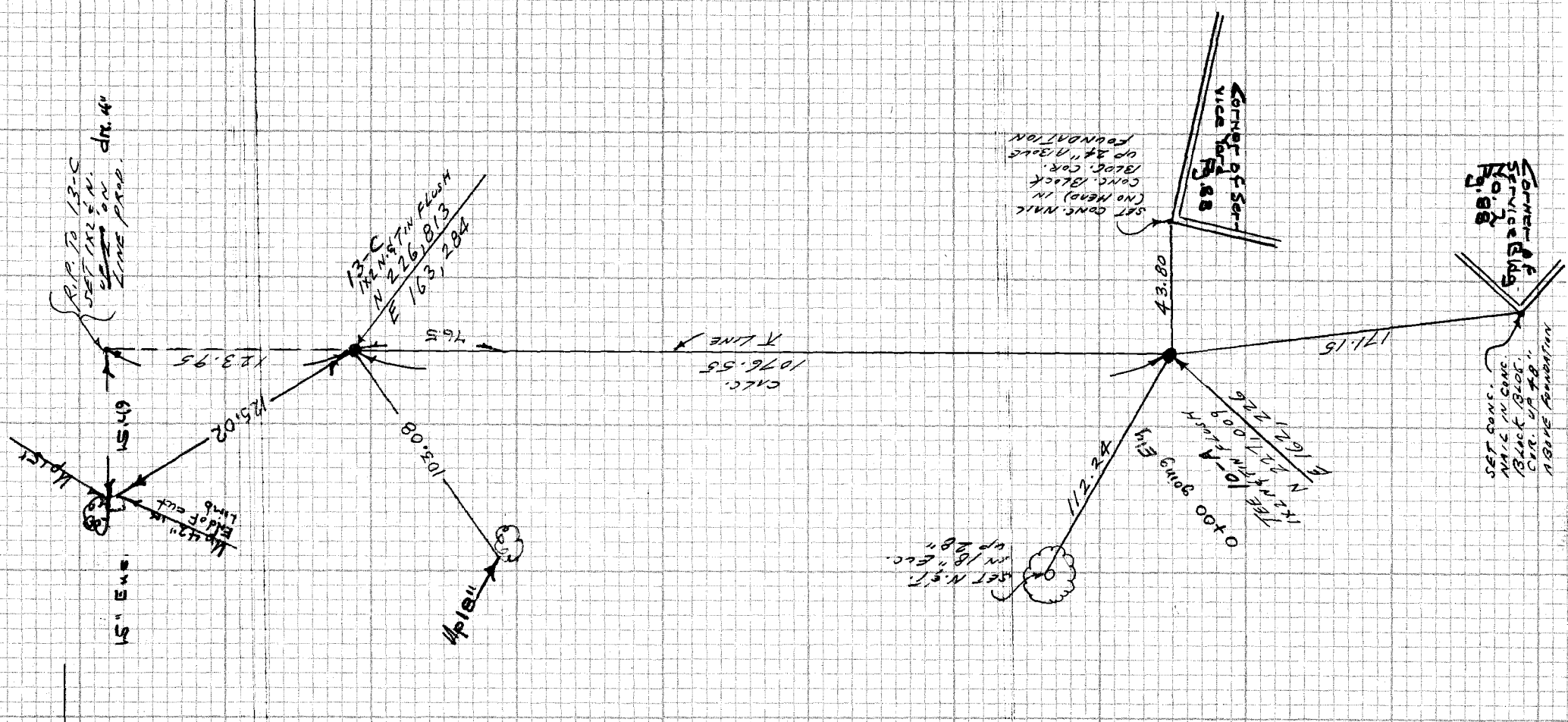

F.B. 4369 PG. 144

NDTES RED. _____ JOB ND. 9943.02 SURVEY OF EL CARISO REG. PARK F.B. 4369 PG. 145

DATE _____ SURVEY BY L.L. BROWN

NDTES CHKD. _____ NDTES BY L.L.B. DATE 10-7-75

DATE _____ INDEXED E. M. PALMERI DATE SEP 14 1976

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

EL CARISO REG. PARK

J.N. 9943.02

PROFILE & CROSS SECTIONS

BORROW AREA "A"

EXISTING GROUND ELEVATIONS AS OF 10-7-75

SEE PG. 144 FOR HORIZ. CONTROL

PGS. 145-152

See FB 4369-143-144 For TP control

See FB 4374-125-138 For Final Xsections

SHEET NO. 42, 43

PARTY

BROWN, L.L.

MASSEY, R.G.

HENDERSON, J.E.

MOORE, R.A.

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 146

JOB NO. 9943.02 SURVEY OF EL CARISO REG. PARK NOTES RED.

SURVEY BY L.L. BROWN DATE

NOTES BY L.L.B. DATE 10-7-75 NOTES CHKD.

INDEXED E. M. PALMERI DATE SEP 14 1976 DATE

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	RIGHT
T.B.M.				1375 71	T.B.M. EL 1375.71 F.B. 4368-(2) SM. BT. SPK. IN 20"	
					EUC. UP 12" 100' ± NLY. & 50' ± ELY. OF N. ELY. COR. CLUBHOUSE	
0+00				1379 07		
				1380 8	50'	
				1382 5	100'	
0+50				1379 17		
				1380 6	50'	
				1382 3	100'	
+00				1378 72		
				1379 9	50'	
				1381 6	100'	
+50				1377 80		
				1376 0		50'
				1374 4		100'
				1373 6		150'
				1372 4		200'
				1370 8		250'
				1379 8	50'	
				1381 5	100'	
				1383 1	150'	
				1385 1	200'	
+00				1377 71		
				1376 1		50'
				1374 3		100'
				1373 0		150'
				1371 5		200'
				1370 4		250'
				1379 2	50'	
				1380 7	100'	
				1382 7	150'	
				1383 5	200'	
				1385 0	250'	
50				1376 87		
				1375 5		50'
				1374 0		100'
				1372 4		150'
				1371 1		200'
				1369 5		250'
				1378 4	50'	
				1379 9	100'	

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NOTES RED. _____ JOB NO. 9943.02 SURVEY OF EL CARISO REG. PARK F.B. 4369 PG. 147

DATE _____ SURVEY BY L. L. BROWN

NOTES CHKD. _____ NOTES BY L. L. B. DATE 10-7-75

DATE _____ INDEXED L. E. PALMER DATE SEP 14 1976

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	RIGHT
2+50				1380 9	150'	
				1382 4	200'	
				1384 5	250'	
				1386 1	300'	
3+00				1375 85		T
				1374 9		50'
				1373 9		100'
				1371 8		150'
				1370 9		200'
				1369 3		250'
				1377 6	50'	
				1378 6	100'	
				1379 9	150'	
				1381 7	200'	
				1383 5	250'	
				1385 1	300'	
				1387 1	350'	
3+50				1375 22		T
				1373 5		50'
				1373 0		100'
				1371 3		150'
				1369 9		200'
				1368 7		250'
				1376 5	50'	
				1377 6	100'	
				1379 0	150'	
				1380 9	200'	
				1382 4	250'	
				1384 5	300'	
				1386 4	350'	
4+00				1374 64		T
				1373 0		50'
				1371 7		100'
				1370 6		150'
				1369 7		200'
				1368 0		250'
				1375 2	50'	
				1376 8	100'	
				1378 1	150'	
				1379 5	200'	

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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4069 PG. 148

JOB NO. 9943.02 SURVEY OF EL CARISO REG. PARK NOTES RED.

SURVEY BY L.L. BROWN DATE

NOTES BY L.L.B. DATE 10-7-75 NOTES CHKD.

INDEXED L. M. PALMERI DATE SEP 14 1976 DATE

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	RIGHT
4+00				1381 8	250'	
				1383 4	300'	
				1385 3	350'	
4+50			AVERAGE GROUND =	1373 9		T
STATION FALLS IN DITCH				1372 2		50'
				1370 9		100'
				1369 7		150'
				1368 7		200'
				1367 8		250'
				1374 5	50'	
				1375 8	100'	
				1377 3	150'	
				1378 9	200'	
				1380 8	250'	
				1382 6	300'	
				1384 7	350'	
5+00 F.P.				1372 75		T
				1371 9		50'
				1370 4		100'
				1369 0		150'
				1367 7		200'
				1366 9		250'
				1373 9	50'	
				1375 6	100'	
				1377 1	150'	
				1378 8	200'	
				1380 7	250'	
				1382 1	300'	
				1385 0	350'	
5+50				1372 03		T
				1370 8		50'
				1369 8		100'
				1368 4		150'
				1367 1		200'
				1366 2		250'
				1373 0	50'	
				1374 7	100'	
				1375 8	150'	
				1378 0	200'	
				1380 1	250'	

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NOTES RED. _____ JOB NO. 9943.02 SURVEY OF EL CARISO REG. PARK F.B. 4369 PG. 149

DATE _____ SURVEY BY L.L. BROWN

NOTES CHKD. _____ NOTES BY L.L.B. DATE 10-7-75

DATE _____ INDEXED T. M. PALMIERI DATE SEP 14 1976

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	RIGHT
5+50				1381.9	300'	
				1384.3	350'	
6+00				1370.81		T
				1369.7		50'
				1368.9		100'
				1367.7		150'
				1366.7		200'
				1365.5		250'
				1372.1	50'	
				1373.6	100'	
				1375.4	150'	
				1377.8	200'	
				1380.0	250'	
				1382.1	300'	
				1383.8	350'	
6+50				1370.07		T
				1368.8		50'
				1367.7		100'
				1367.1		150'
				1365.9		200'
				1364.9		250'
				1371.4	50'	
				1373.3	100'	
				1375.3	150'	
				1377.4	200'	
				1379.6	250'	
				1381.4	300'	
				1383.6	350'	
7+00				1369.78		T
				1368.4		50'
				1367.1		100'
				1366.5		150'
				1366.1		200'
				1364.8		250'
				1371.4	50'	
				1373.1	100'	
				1375.0	150'	
				1377.2	200'	
				1379.3	250'	
				1381.1	300'	

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PROFILE LEVEL NOTES
CE 307
76-L-288-4/73

F.B. 4269 PG. 150

JOB NO. 9943.02 SURVEY OF EL CARISO REG. PARK NOTES RED. _____

SURVEY BY L.L. BROWN DATE _____

NOTES BY L.L.B. DATE 10-7-75 NOTES CHKD. _____

INDEXED L.M. PALMER DATE SEP 14 1976 DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	RIGHT
7+00				1382 7	350'	
				1384 4	400'	
7+50				1369 61		T
				1368 1		50'
				1366 7		100'
				1365 6		150'
				1365 5		200'
				1363 7		250'
				1363 4		300'
				1371 1	50'	
				1372 5	100'	
				1374 6	150'	
				1376 6	200'	
				1378 4	250'	
				1380 5	300'	
				1382 9	350'	
				1385 1	400'	
8+00				1370 18		T
				1368 3		50'
				1367 3		100'
				1365 3		150'
				1364 7		200'
				1364 1		250'
				1362 9		300'
				1371 1	50'	
				1372 5	100'	
				1374 2	150'	
				1376 0	200'	
				1377 8	250'	
				1380 7	300'	
				1382 9	350'	
				1385 0	400'	
8+50				1369 41		T
				1367 9		50'
				1366 7		100'
				1365 2		150'
				1364 0		200'
				1363 3		250'
				1361 3		300'
				1361 1		350'

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NOTES RED. _____ JOB NO. 9943.02 SURVEY OF EL CARISO REG. PARK F.B. 4369 PG. 151

DATE _____ SURVEY BY L.L. BROWN

NOTES CHKD. _____ NOTES BY L.L.B. DATE 10-7-75

DATE _____ INDEXED E. M. PALMER DATE SEP 14 1976

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	RIGHT
8+50				1370 6	50'	
				1372 1	100'	
				1373 8	150'	
				1375 2	200'	
				1377 0	250'	
				1379 4	300'	
9+00				1368 78		T
				1367 7		50'
				1366 4		100'
				1365 0		150'
				1364 0		200'
				1362 7		250'
				1362 0		300'
				1361 0		350'
				1370 2	50'	
				1371 6	100'	
				1373 0	150'	
9+50				1368 92		T
				1367 4		50'
				1366 0		100'
				1365 0		150'
				1363 7		200'
				1362 7		250'
				1362 3		300'
				1360 5		350'
10+00				1368 82		T
				1367 2		50'
				1365 8		100'
				1365 0		150'
				1363 6		200'
				1362 4		250'
				1361 3		300'
				1360 3		350'
10+50				1368 98		T
				1367 6		50'
				1366 3		100'
				1365 3		150'
				1364 1		200'
				1362 7		250'
				1361 7		300'
				1360 2		350'

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.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. #369 PG. 152

JOB NO. 9943.02 SURVEY OF EL CARISO REG. PARK NOTES RED. _____

SURVEY BY L.L. BROWN DATE _____

NOTES BY L.L.B. DATE 10-7-75 NOTES CHKD. _____

INDEXED L.M. PALMER DATE SEP 14 1976 DATE _____

Sta. 1342.06
T.P. 1374.03
B.M. 1377.13

STATION	B.S.	H.I.	F.S.	ELEV.	LEFT	RIGHT
11+00				1368 73	T	
				1367 6		50'
				1366 8		100'
				1365 6		150'
				1364 4		200'
				1363 4		250'
				1362 1		300'
				1360 8		350'
11+50				1368 48	T	
				1367 5		50'
				1366 8		100'
				1365 4		150'
				1364 4		200'
				1363 4		250'
				1362 3		300'
11+82				1368 1	T	
Top Bek. T Line						
12+00				1366 15	T	
				1366 6		50'
				1366 1		100'
				1365 1		150'
				1364 4		200'
				1363 7		250'
				1362 5		300'
T.P.				1374 03		
B.M.				1377 12	T.B.M. EL. 1377.12 F.B. 4368 (3) STA. BT. SPK. IN EUC. TREE	

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76-L-298-CE 307-4/73

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

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Caniso Regional Park F.B. 4369 PG. 153

DATE _____ SURVEY BY HHSpriggs

NOTES CHKD. _____ NOTES BY HHS DATE 11-6-75

DATE _____ INDEXED E. M. PALMER DATE SEP 14 1976

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

JN 9943.02

El Caniso Regional Park — Sylmar Area Specs 3289

Vertical Control for Borrow Area 'A'

Limit of Work — Elevations Pg. 158
Cuts to Contours

Pg. 153-158

See FB4369-143-144 For Pt Horizonal Control

Reference:
Architects Sketch

Spriggs
Beasley
Boxalle
Darvis

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 154

JOB NO. 994302 SURVEY OF El Cariso Regional Park NOTES RED.
SURVEY BY H.H. Spriggs DATE
NOTES BY HHS DATE 11-6-75 NOTES CHKD.
INDEXED [redacted] PALMERI DATE SEP 14 1976 DATE

STATION	Elev. [redacted]		Borrow Area 'A'	
TBM	1375.71		TBM Elev 1375.71	FB4368-(2)
0+00.00				BL
+50				
+65			65.0 Limit West	
1+00			40.0 Limit South 90.0 Limit North	
+10				20.0 Limit West
+50				BL Limit South 225 Limit South
			55.0 Limit	
2+00	1377.7			BL
	76.9	C 1.9 to (1375)		20.0 (1375)
	3.8	C 1.8 to (1372)		120.0 (1372)
				268.0 Limit South
			10.0 Limit West	
	82.9	C-2.3 to (1380)	155.0 (1380)	
			21.0 Limit North	
3+00	75.9			BL
	73.7	C 1.7 to (1372)		100.0 (1372)
	71.4	C 2.4 to (1369)		180.0 (1369)
				265.0 Limit South
	78.0	C 3.0 to (1375)	65.0 (1375)	
	80.2	C 4.2 to (1376)	155.0 (1376)	
	83.7	C 3.7 to (1380)	255.0 (1380)	
			307.0 Limit North	
3+77				BL
	70.1	C 1.1		195.0 Ctr T.E. (1369)

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403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

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

NOTES RED. _____ JOB NO. 9943.02 SURVEY OF El Cerro Regional Park F.B. 4369 PG. 155

DATE _____ SURVEY BY HH Spriggs

NOTES CHKD. _____ NOTES BY HHS DATE 11-6-75

DATE _____ INDEXED T. M. PALMERI DATE SEP 14 1978

STATION	[redacted] Elev.			Borrow Area 'A'			
4+00	1374.3					PL	
	73.0	C-1.0 To (1372)				45.0	(1372)
	1370.7	C1.7 to (1369)				150.0	(1369)
						305.0	Limit South
	1375.3	C2.3 to (1373)		67.0	(1373)		
	78.4	C3.4 to (1375)		150.0	(1375)		
	82.6	C-2.6 To (1380)		285.0	(1380)		
				333.0	Limit North		
5+00	72.7					PL	
	70.1	C-2.1 To (1368)				105.0	(1368)
	1368.0	C1.0 to (1367)				192.0	(1367)
						285.0	Limit South
				50.0	(1372)		
	76.7	C-1.7 To (1375)		140.0	(1375)		
	81.2	C-1.2 to (1380)		270.0	(1380)		
				327.0	Limit North		
5+30						PL	
	68.6	C-0.6 To (1368)				140.0	Ctr TG (1368)
6+00	70.8					PL	
	69.9	C-1.9 To (1368)				35.0	(1368)
	1368.0	C1.5 to (1366.5)				145.0	(1366.5)
	66.3	C-0.3 To (1366)				220.0	(1366)
						265.0	Limit South
	72.4	C-0.4		68.0	(1372)		
	75.6	C-0.6 To (1375)		145.0	(1375)		
	81.0	C-1.0 To (1380)		275.0	(1380)		
				340.0	Limit North		
6+71.0						PL	
	68.6	C-0.6 To (1368)				53.0	Ctr TG (1368)
6+75.0						PL	
				170.0	Ctr Trap		

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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PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 156

JOB NO. 994302 SURVEY OF El Cariso Regional Park NOTES RED. _____

SURVEY BY HH Spriggs DATE _____

NOTES BY HHS DATE 11-6-75 NOTES CHKD. _____

INDEXED E. R. PALMERI DATE SEP 14 1978 DATE _____

STATION	[redacted]	Elev	Cut		Grade	Borrow Area 'A'		
4+00		69.8	C-1.8	To	(1368)			
		1366.7	C-0.9	To	(1366)			
		1365.6	C0.6	to	(1365)			
		73.2	C-1.2	To	1372	100.0	(1372)	
		74.3	FO.7			133.0	(1375)	
		1378.4	C0.4	to	(1378)	220.0	(1378)	
		82.8	C-2.8	To	1380	340.0	(1380)	
						365.0	Limit North	
8+00		70.2	C-2.2	to	1368			
		67.7	C-1.7	To	1366			
		65.1	C-1.1	To	(1364)			
		1363.9	C-0.9	to	(1363)			
		71.3	C-1.3	To	(1370)	55.0	(1370)	
		74.2	C-2.2	To	1372	130.0	(1372)	
		77.3	C 2.3	To	1375	235.0	(1375)	
		9.6	FO.4	To	1380	290.0	(1380)	
						310.0	Limit North	
8+12.2		69.7	C-1.7	to	(1368)			
8+50		69.4	C-1.4	To	(1368)	125.0	Limit East	
8+60								
9+00		688						
		64.8	C-0.8	To	1364			
		62.8	C-0.8	To	1364			
10+00		686						
		64.7	C-0.7	To	(1364)			
		62.5		To	1362			

Rt. (1368)
100.0 (1366)
165.0 (1365)
235.0 Limit South

Rt on T.G. (1368)
80.0 (1366)
180.0 (1364)
260.0 (1365)
300.0 Limit South

Rt on T.G. (1368)

Rt on T.G. (1368)

Rt Limit East

Rt
90.0 Limit North
165.0 (1364)
260.0 (1362)
325.0 Limit South

Rt
85.0 Limit North
165.0 (1364)
270.0 (1362)
310.0 Limit South

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403 LOS ANGELES COUNTY ENGINEERING BLDG.
76-L-298-CE 307-4/73

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

NOTES RED. _____ JOB NO. 994302 SURVEY OF El Coriso Regional Park F.B. 4369 PG. 157

DATE _____ SURVEY BY H H Spriggs

NOTES CHKD. _____ NOTES BY [illegible] DATE 11-6-75

DATE _____ INDEXED E. M. PALMERI DATE SEP 14 1976

STATION	[redacted]				Borrow Area 'A'		
		Elevation					
11+00		1368.7				PR	
						110.0	Limit North
		1365.4	C1#	TO	1364	165.0	(1364)
		63.4	C-1#	TO	1362	260.0	(1362)
						335.0	Limit South
11+50		68.3				PR	
12+00		65.8				PR	
						200.0	Limit East
						270.0	Limit East
CBM		1377.12			CBM Elev 1377.12 FB4368- ②		
					Lg. Bt Sp K in 12" Triple Eve, Up 30" @ N.		
					Ely Cor Golf Course - adjacent to		
					Pacoima Wash N 227.060 E 163.250		

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

PROFILE LEVEL NOTES
CE 307
76-L-298-4/73

F.B. 4369 PG. 158

JOB NO. 994302 SURVEY OF El Cariso Regional Park NOTES RED.

SURVEY BY _____ DATE _____

NOTES BY _____ DATE SEP 1 4 1978 NOTES CHKD. _____

INDEXED L. M. PALMERI DATE _____ DATE _____

STATION	B.S.	H.I.	F.S.	ELEV.	Elevations or offset stakes Borrow Area Perimeter
0+60		5.0 W ly.		1380 9	60
1+00		5.0 S ly.		1380 2	35
(		5.0 N ly.		1381 2	95
1+05		5.0 W ly.		1377 2	25
1+50					R = Edge
(		5.0 S ly.		1371 2	230
)		5.0 S ly.		Not Set	50
(		5.0 N ly.		Not Set	165
1+94		5.0 W ly		1379 5	
2+00		5.0 S ly.		1369 5	273
		5.0 N ly		1384 4	215
3+00		5.0 S ly		1368 4	270
(		5.0 N ly		1385 8	312
4+00		5.0 S ly		1366 8	310
		5.0 N ly		1385 1	338
5+00		5.0 S ly		1366 3	290
		5.0 N ly		1384 1	332
6+00				1356 6	270
		5.0 N ly		1383 6	345
7+00				1364 8	240
		5.0 N ly		1384 2	370
8+00		5.0 S ly		1362 8	305
		5.0 N ly		1380 7	315
+50		5.0 E ly		1370 2	130
+85		5.0 E ly		1369 2	R = Edge
9+00		5.0 N ly		1366 8	75
		5.0 S ly		1362 0	330
10+00		5.0 N ly		1366 8	80
		5.0 S ly		1361 6	315
11+00		5.0 N ly		1366 8	105
		5.0 S ly		1361 3	340

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76-L-298-CE 307-4/73

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

Notes Ck'd by	Survey of El Caniso Regional Park F.B. 4369 PG. 159
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by H.H. Spriggs
Checked	Notes HHS Date 9-19-75
Date	Indexed J. M. PALMERI SEP 14 1976

JN 9943.02

El Caniso Regional Park — Sylmar Area
Specs 3289

Horizontal Control For Water Valve & Meter enclosure @ Hubbard St. & Water Main originating therefrom

Pgs. 159-166

Reference: C-9, 10, 12,

Spriggs
Beasley
Bonsey
Dennis

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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494 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3005-4/73

F.B. 4769 PG. 160

CE 310
76F3095-2/73

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of EL CARISO PARK F.B. 4369 PG. 161
Map No.	JN 9343.02 Tape Std °F
Office Work	Surveyed by RANDALL
Checked	Notes " Date 20-OCT-75
Date	Indexed R. M. PALMER SEP 14 19

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F-3006-4/73

WATER METER ENCLOSURE

PAD AND FENCE

AS REVISED IN OCTOBER, 1975

20 - OCT. - 1975

RANDALL
COCKERHAM
WENSEL
DOWLEY

F.B. 4369 PG. 162

CE 310
76F3095-4/73

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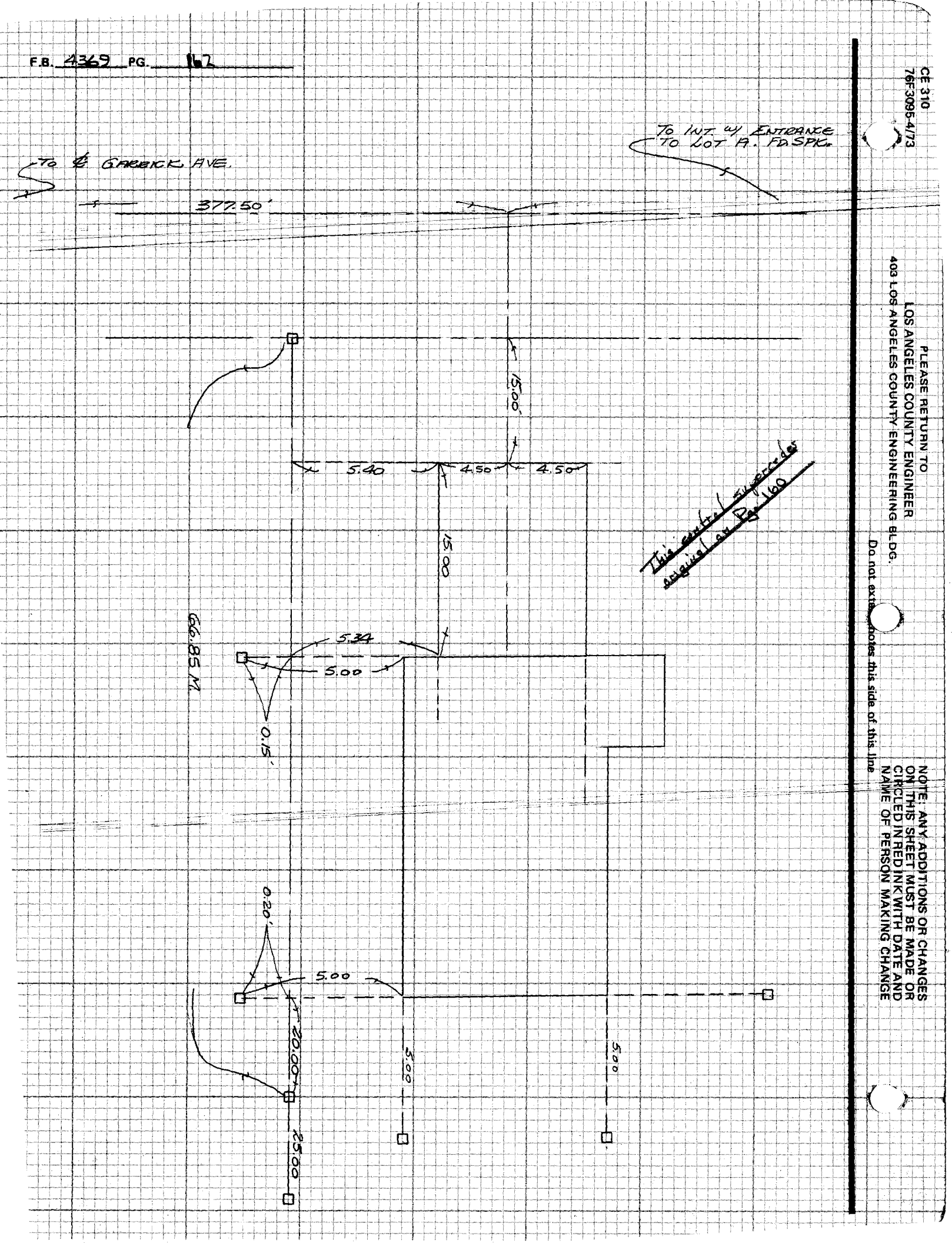
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE



Notes Ck'd by	Survey of EL CARISO CO. PARK F.B. 4369 PG. 163
Map No.	JN 9943.02 Tape 7 Std 84 °F
Office Work	Surveyed by R.L. STRADER
Checked	Notes R.L.S. Date 10-8-75
Date	Indexed L. M. PALMER SEP 14 1976

EL CARISO COUNTY PARK
JN 9943.02

Location of 12" Water Main from Hubbard Street to Fire Hydrant 260'± Southerly of Service Yard. (Last 260'± IS 8" & 6" Lines.

Location of 8" Water Main from 12"x12"x8" Tee @ NE'ly Corner of Tennis Courts TO 8" Flange at coordinate

N 127,491.30
E 163,373.88

Bs. 163-166

REFERENCE

Sheet C-9	4-14-75
Sheet C-10	4-14-75
Sheet C-12	4-14-75

SURVEY PARTY

R. STRADER
R. DOVER
S. TOLLISON
C. JOHNSON

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

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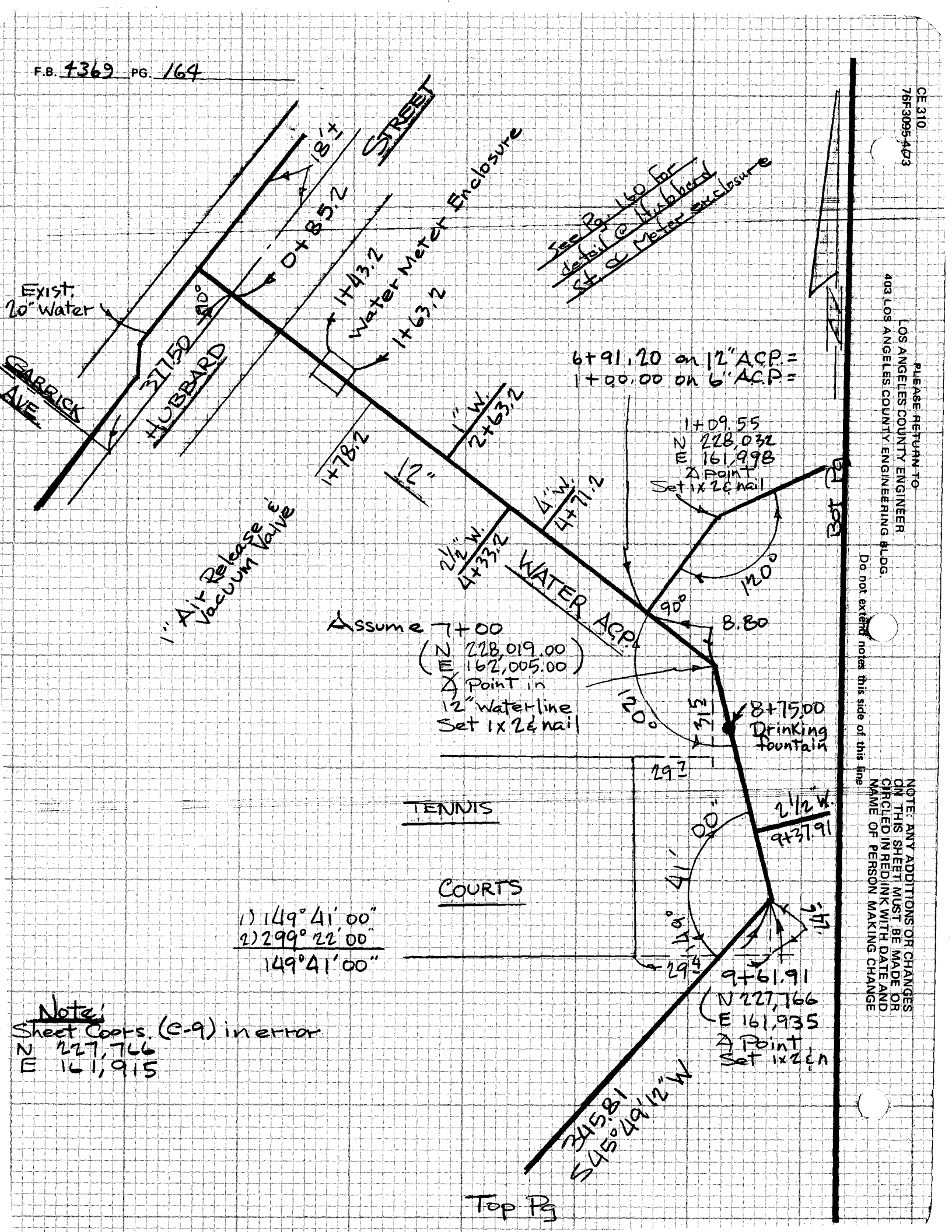
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes to this side of this line

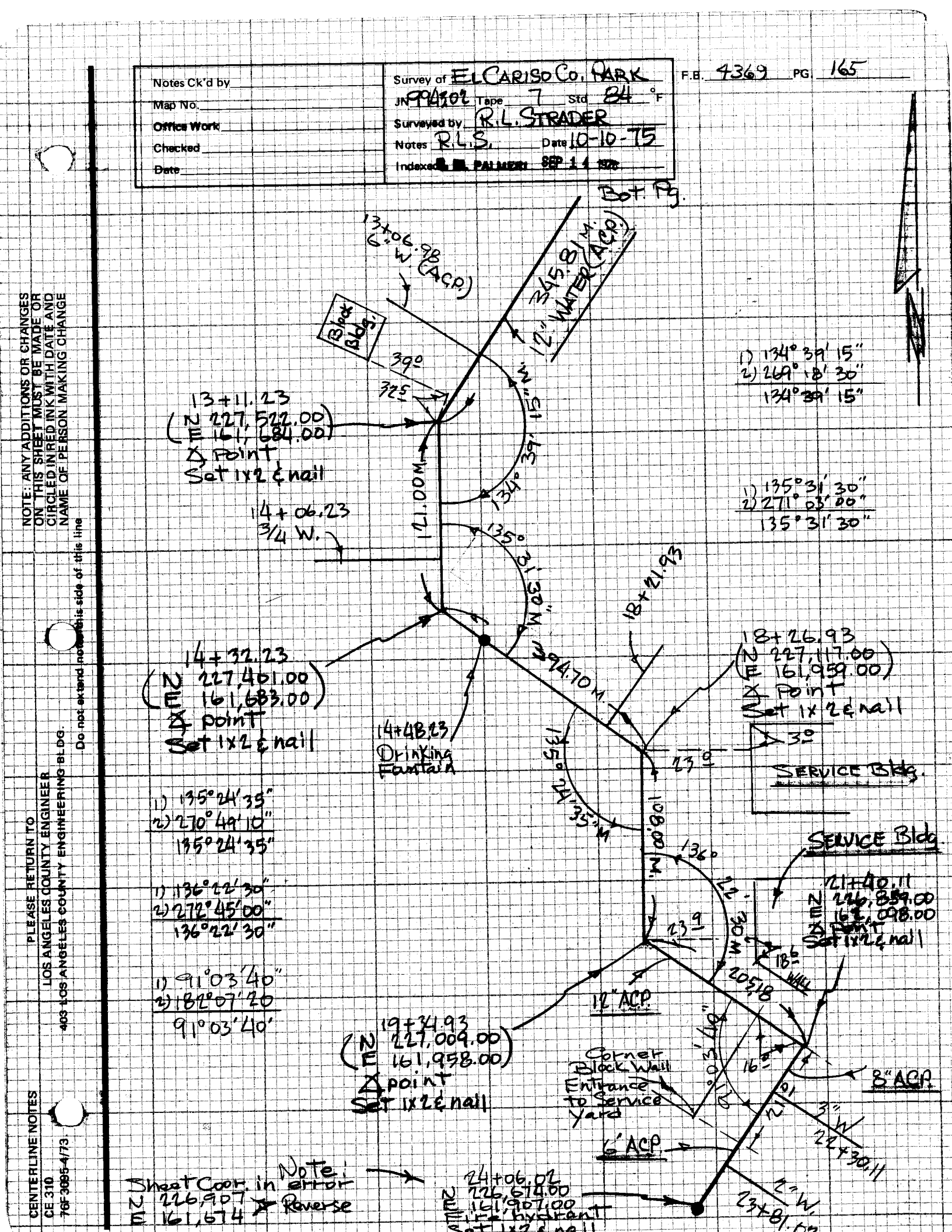
CENTERLINE NOTES
CE.310
76F3095-4/73

F.B. 4369 PG. 164



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

Survey of EL CARISO CO. PARK F.B. 4369 PG. 165
JN 994302 Tape 7 Std 84 °F
Surveyed by R.L. STRADER
Notes R.L.S. Date 10-10-75
Indexed E. M. PALMER SEP 14 1976



NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE
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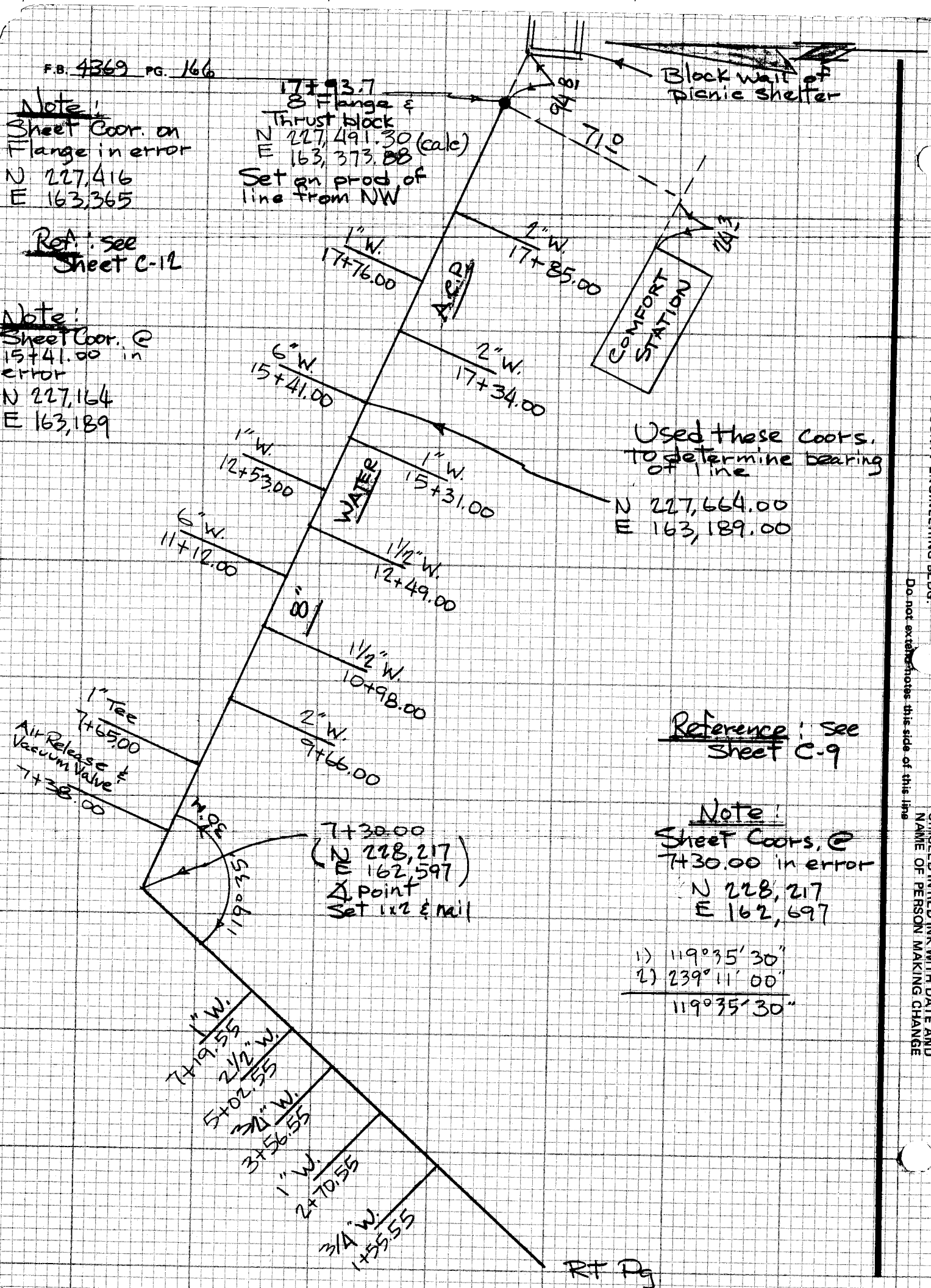
403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F 3695-4/73

F.B. 4369 PG. 166



Note!
Sheet Coor. on Flange in error
N 227,416
E 163,365

Ref.: see Sheet C-12

Note!
Sheet Coor. @ 15+41.00 in error
N 227,164
E 163,189

Used these Coors. to determine bearing of line
N 227,664.00
E 163,189.00

Reference: see Sheet C-9

Note!
Sheet Coors. @ 7+30.00 in error
N 228,217
E 162,697

1) 119°35'30"
2) 239°11'00"
119°35'30"

CE 310
76F 3095-4/73

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Notes Ck'd by	Survey of El Coriso Regional Park
Map No.	JN 9943.02 Tape Std °F
Office Work	Surveyed by HH Spriggs
Checked	Notes HHS Date 11-13-75
Date	Indexed E. M. PALMERI SEP 14 1978

F.B. 4369 PG. 167

JN 9943.02

El Coriso Regional Park - Sylmar Area
Spec 3289

Horizonal & Vertical Control for

Drinking Fountains with Leech Pits.

Pg 167-168

Reference: C-11 Horizonal - by scale
EC-5 Vertical

Spriggs
Beasley
Boxeth
Darvis

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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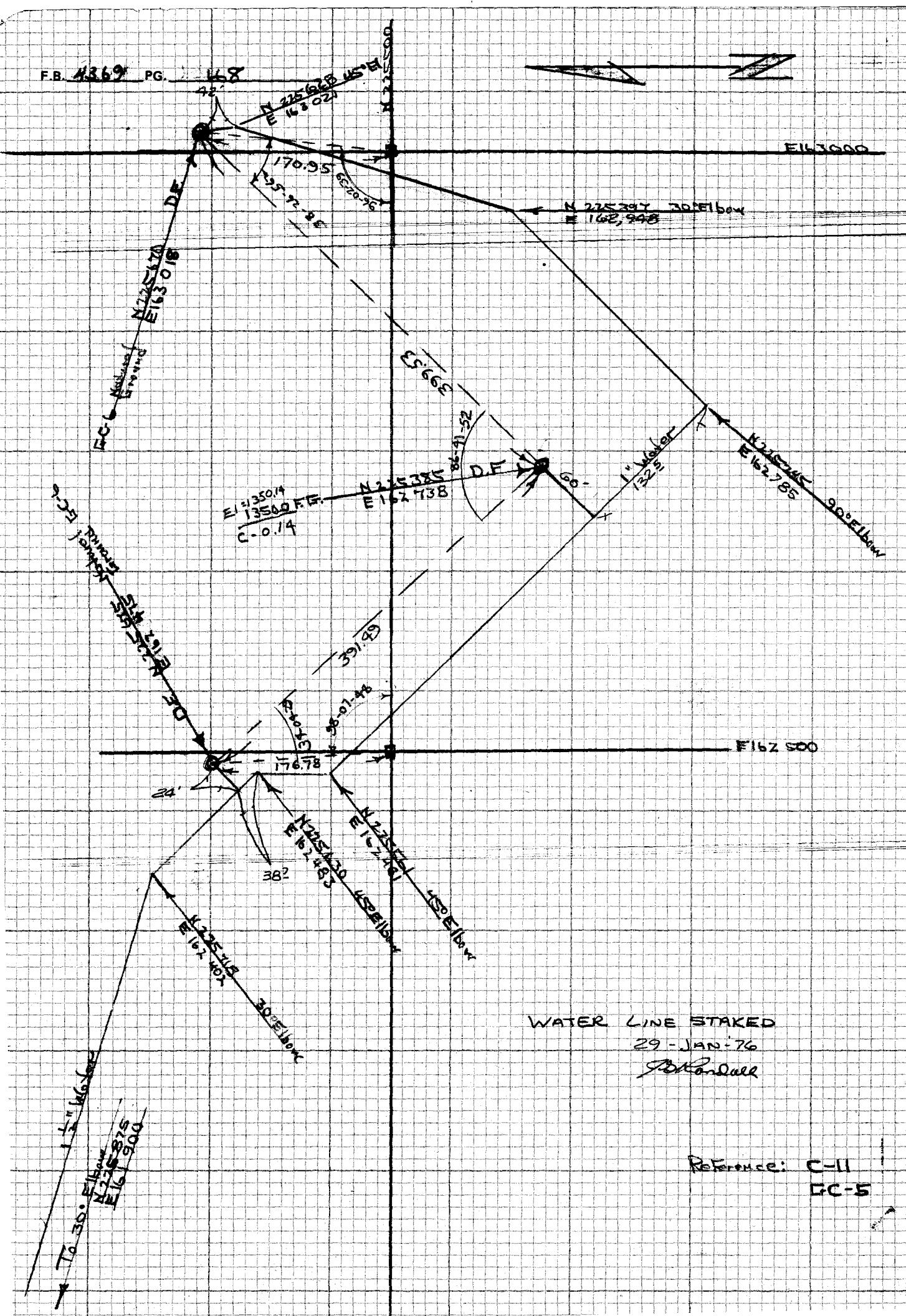
CENTERLINE NOTES
CE 310
76F3095-4/73

F.B. 4369 PG. 168



WATER LINE STAKED
29-JAN-76
J.B. Randall

Reference: C-11
GC-5

CE 310
76F3095-4/73

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

Do not exte[illegible] notes this side of this line

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

DATE _____ SURVEY BY D. L. BURKHOLDER

NOTES CHKD. _____ NOTES BY L. W. JONES DATE 10-20-75

DATE _____ INDEXED R. M. PALMER DATE SEP 14 1976

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

EL CARISO COUNTY PARK

U. N = 9943.02

BENCH MARK CHECK ON EL CARISO

Regional PARK DATUM AND LOCAL

STREET DATUM.

Pg. 169-170

OCT. 20, 1975

PARTY:

BURKHOLDER

JONES

RODRIGUEZ

F.B. 4369 PG. 170

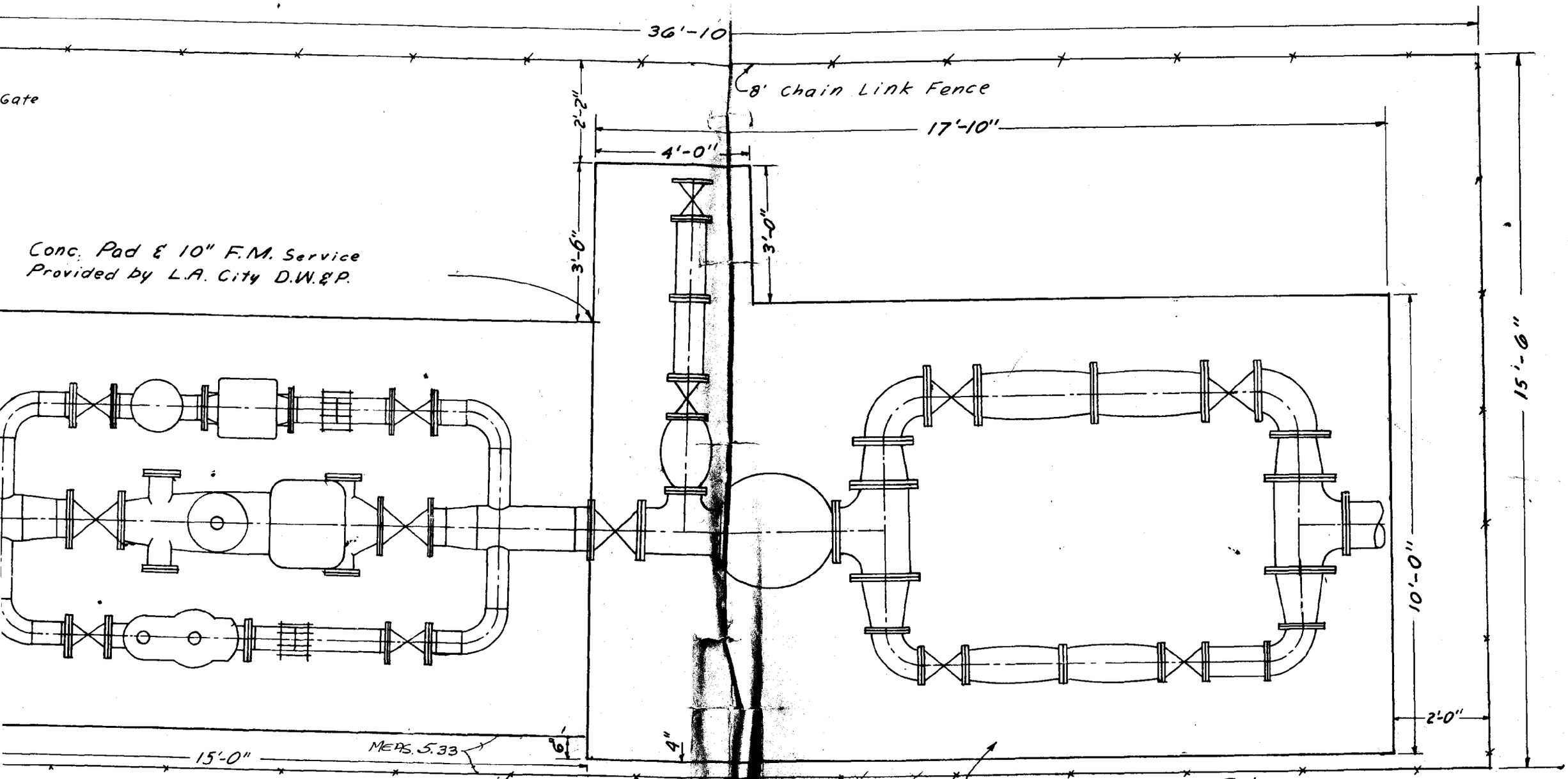
JOB NO. 9983.02 SURVEY OF: El Cerrito, San Pablo

SURVEY BY D. L. BUCKHOLDER

NOTES BY [illegible] DATE 10-20-71

INDEXED [illegible] DATE SEP 14 1972

STATION	B.S.	H.I.	F.S.	ELEV.	
					A.M. EL. = 1384.11, HUBBARD ST. & ELDRIDGE, ED. A WIRE SPIKE IN
B.M. 03-07440	5 350	1387 150		1381 800	W. ST. CURB ELDRIDGE AVE. 2' S.E.
B.M. SP-1	1 224	1386 024	3 350	1383 800	B.M. SP-1 EL. ON S.E. COR. HUBBARD ST. & 47'± So. & HUBBARD ST. 47'± EAST & ELDRIDGE AVE. C.E. PEG IN BRASS CAP BURTON TYPE MON. MARKED 2' WLY MTD. B.M. SP-1 CE 7078
P	3 828	1381 845	8 007	1378 017	
P	3 653	1376 971	8 477	1373 368	
P	4 025	1372 615	8 381	1368 590	
P	3 770	1367 861	8 521	1364 091	
P	5 073	1366 317	6 617	1361 294	
T.B.M.			5 445	1360 872	T.B.M. STREET EL. = 1360.87
					1360.62 ELDRIDGE AVE. SOU 400'± W'LY & CRANSTON AVE & C.E. TAG IN CURB ON E. SIDE PARK ROAD "C"



WATER METER ENCLOSURE
PAD & FENCE DETAIL

SCALE 1" = 30"

15.50 Total
9.83 So.
56 No