F.B. 2247 Pg.

Page	Job	Description
123-124	Grades	Grades (S. curb) of Service Rd. bet. lots #8-#9.
125-134	Grades	Finished grades for top of curbs lots #7 - #8.
135-143	Grades	For C.M.U. walls in parking area #7 - 12.
145-147	Stak.	Scheme of stationing-parking area #7 to 12.
149-150	Loc. Imp.	New loc. of septic tank & leaching bed for comfort sta. bet. parking area 7 & 8.
		POINT DUME BEACH STATE PARK 0055.78
155-161	Bdry.	Survey showing prop. corners of Park. 0055.78
		ZUMA BEACH CO. PARK 0430.02 (Lifeguard Hdqts. Bldg.)
163-165	Vert.	Vertical Control for P.T. Sht. H-201. Prop. Life Guard Sta.
		MALIBU AREA DIV. #1 J.N. 0303.00
167-168	Index	
169-178	Westward Beach Rd. in the area of Lot 28 of R.S. 57-41	
179-180	Imp's. adj. to Westward Beach Rd. & Lot 28 of R.S. 57-41	
		WESTWARD BEACH PARKING LOT 0055.66 PROPERTY
181-182	Index - Parking lot	
183-194	Lot survey for possible encroachment	
195-200	Location of improvements	
201-202	Index	
203-215	C.L.	adjustment from Birdview Ave. to e'ly. tract line.

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Notes C'd by

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

F.B. 2247 Pg. 1

Job	Description
	ZUMA BEACH PARK-8757.13
X-Sec.	Entrance development X-Sec. at Coast Hwy. & Busch Dr.
Loc. Imp.	Loc. of Flagstone entrance walls at Busch Dr. & Pacific Coast Hwy.
C.L.	Prop. C.L. & grades of ent. rd. to parking area - vic. of Busch Dr.
Loc. Imp.	Loc. of main water lines in planting area for new underpass road entrance to parking areas.
Loc. Imp.	Location of water pipes in Janitor's Room for Comfort Sta. No. 2473, 2474 & 2475.
Topog.	Loc. & elev. of 6" water line at S.E. Cor. of Trancas Creek Bridge.
B.M.	T.B.M.'s for construction of parking lots #7 thru #12.
Grades	For curbing along the State Hwy. from parking lot #7 to lot #12.
Grades	Finished grades on parking lots #7 thru 12.
Grades	Storm Drain Grades under parking lots.
Grades	Finished grades for top of curbs around parking lot 10, 11, & 12.
Stak.	Layout of parking lot #10.
Grades	Finished grades on the S. curb line of lot #9.

microfilmed Jan. 85.

(cont'd on next page)

NOTES RED. JOB NO. 8757.13 SURVEY OF ZUMA BEACH

DATE SURVEY BY A.N. HELLSTROM

NOTES CHKD. NOTES BY W.E. NEWMAN DATE 7-2-57

DATE INDEXED A. C. Johnson DATE 7-10-57

F.B. 2247 Pg.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						J.N. 8757.13
						ZUMA BEACH (Entrance Development)
						A BENCH MARK ESTABLISHED AT NORTH END OF ENTRANCE GATE
						A.N. HELLSTROM W.E. NEWMAN C.W. ADAMS M.V. DURAN

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765420 S & E-333 4-54

768420 S & E-353 4-54

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JOB NO. 8252.13 SURVEY OF Zuma Beach NOTES RED. DATE
SURVEY BY H.N. Hellstrom
NOTES BY W.E. Newman DATE 7-2-57 NOTES CHKD. DATE
INDEXED C. Johnson DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. (Fd)	[illegible]		29.836			B.M. "U.S. 1312" - Elev. 29.836 P.F.B. 1122-160 C.S. Br. Cp. Mon "R.E. 2177 (Button Type) In Conc. Walk at N.E. Cor. of Highway Bridge over Zuma Creek
"	3.810		3.812			
H.I.	33.646	-0.228	33.581			
-	5.000		5.000			
B.M. J 583	28.881		28.769			U.S. C&G Br. Cp. Mon J 583 Set. 1939. 1'± No. of B.M. "U.S. 1312.
-	1.000		1.000			
H.I.	33.006	-0.112	32.894			
-	5.000		5.000			
Fd. T.P. "A"	27.921		27.894			℄ Int. Busch Dr. & Hwy 101A Boot Spk 9T - See F.B. 1445-160-166-191
-	4.750		4.750			
H.I.	31.956	-0.134	31.644	-0.250		
-	5.250		5.250			
T.P.	26.706		26.394			
+	0.480		0.480			
H.I.	27.186	-0.312	26.874			
-	5.250		5.250			
B.M. (Set) "ZU"	21.936		21.624		20.409	B.M. "ZU" Elev. Set B.T. Spk. in Lead in No. Crb Ave. Lot - 1'± E. of Conc. Island at Gates To Entrance To Zuma Beach

B.2247 (2)

Notes Ck'd by	Survey of ZUMA BEACH.
Map No.	JN 8757.13 Tape 0135 Std 68 °F
Office Work	Surveyed by A.N. HELLSTROM.
Checked	Notes A.N.H. Date 7-2-57
Date	Indexed A. C. Johnson

F. B. 2247 PG. 73

J.N. #8757.13

ZUMA BEACH.

(ENTRANCE DEVELOPMENT)

UNDERPASS

SCHEME OF X-SECTIONING AT INTERSECTION

HIGHWAY #101 & OF BUSCH DRIVE.

FOR X-SECTS SEE PGS. 5-12

A.N. Hellstrom
W.E. Newman
C.W. Adams
M.V. Duran

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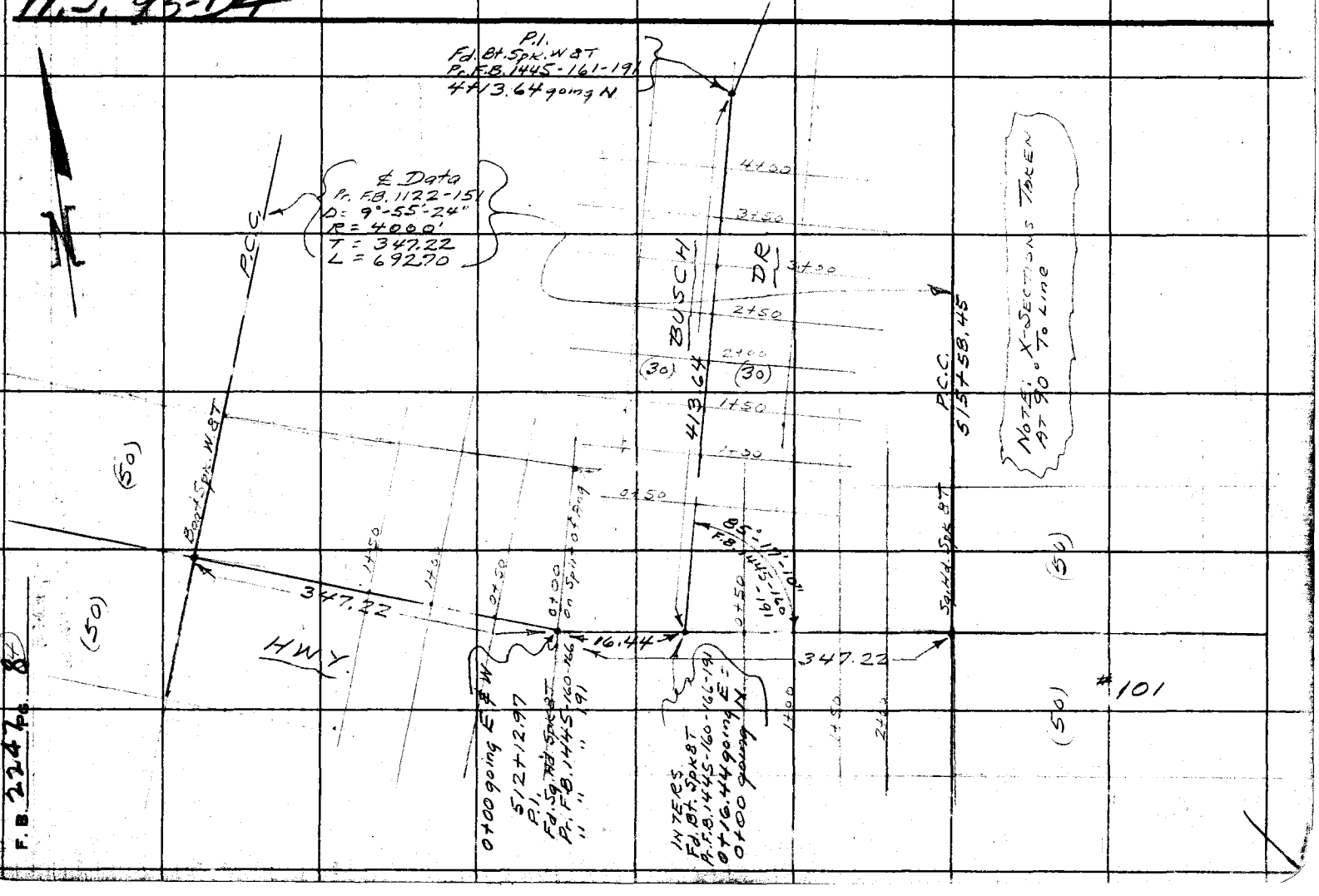
W.S. 95-04



F.B. 2247 Pg. 8

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 8757.13 Division No. 10 Survey of ZUMA BEACH

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Hellstrom Notes Newman Date 7-3-57 Map No. ____ Indexed C. Johnson Date ____

F. B. 2247 Pg. 9

J.N. 8757.13

ZUMA BEACH

(ENTRANCE DEVELOPMENT)

Underpass

X-SECTIONS SEE PGS. 5-12

FOR SCHEME OF X-SECTS. SEE PG. 4

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

A.N. HELLSTROM
W.E. NEWMAN
C.W. ADAMS
M.V. DURAN

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F. B. 2247 PG. 10 Job No. 8757.13 Division No. 10 Notes Red. ___ Plotted ___ Profile No. ___
Survey of ZUMA BEACH Date ___ Date ___
Survey by Hellstrom Notes Newman Notes Chkd. ___ Checked ___ X-Sec. No. ___
Indexed C. Johnson Date ___ Date ___ Date ___

76L298 S & E #307 9-54

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X-SECTIONS ON BUSCH DRIVE FROM HIGHWAY #101 TO NORTH

STATION	B. S.	H. I.	F. S.	ELEV.		
T.P. #A				27 33	Per Pg. Boat Spk. at ℄ Int. Busch Dr. & HIGHWAY #101	
{0+16.44 going East on Hwy #101 ℄ going N. on Busch Dr.}						
going N. on Busch Dr.						
0+34 " " " " "						
" " " " "						
						15'
0+49						
						16'
1+50						
				25 7		25'

761298 S & E #307 9-34

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STATION	B. S.	H. I.	F. S.	ELEV.		
					15'	
					30'	

Profile Notes Red_____ Plotted_____ Job No. [illegible] Division No. [illegible]

No._____ Date_____ Date_____ Survey of [illegible]

X-Sec. Notes Chkd._____ Checked_____ Survey by [illegible] Notes [illegible] Date

No._____ Date_____ Map No._____ [illegible] Johnson Date

F. B. 2247 Pg. 11

F. B. 2247 Pg. 82 Job No. 3757.13 Division No. 10 Notes Red. Plotted Profile

Survey of Zuma Beach Date Date No.

Survey by Hellstrom Notes Newman Notes Chkd. Checked X-Sec.

Indexed K. C. Johnson Date Date Date No.

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

76L293 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	Left (South)	℄	Right (North)
X-SECTIONS OF HIGHWAY #101 FROM P.I. WEST OF ℄ INT. OF BUSCH DR.; TO WEST							
[illegible]				[illegible]	[illegible]		
0+00				27 24		℄	
				[illegible]			15'
				[illegible]			40'
				[illegible]			51' [illegible]
				26 66			[illegible]
				[illegible]	10'		
				[illegible]	[illegible]		
0+[illegible]				[illegible]		℄	
				26 96			11'
				[illegible]			36'
				[illegible]			47' [illegible]
				[illegible]			[illegible]
				[illegible]	14'		
				[illegible]	22' [illegible]		

Profile Notes Red. ____ Plotted ____ Job No. 875713 Division No. 10 F. B. 2247 Pg. 13
No. ____ Date ____ Date ____ Survey of ZUMA BEACH
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F. B. 2247 Pg. 14

Job No. 8757.13 Division No. 12 Notes Red. _____ Plotted _____ Profile

Survey of ZUMA BEACH Date _____ Date _____ No. _____

Survey by Hellstrom Notes Kennon Notes Chkd. _____ Checked _____ X-Sec.

Indexed ☒ C. Johnson Date _____ Date _____ Date _____ No. _____

STATION	B. S.	H. I.	F. S.	ELEV.
1400				

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STATION	B. S.	H. I.	F. S.	ELEV.		
X-SECTIONS ON HIGHWAY #101 From P.I. West of ℄ INT. OF BUSCH DR; TO EAST.						
T.P.A				[illegible]	[illegible]	
[illegible]				27 [illegible]		℄
				27 37		13.5'
				27 28		21.5' Edge Pvmt
				27 [illegible]	1.5	
				27 [illegible]	37'	
				[illegible]	43 [illegible]	
				27 [illegible]	36'	
1+00				27 [illegible]		℄
				27 [illegible]		10.5
				27 [illegible]		25' Edge Pvmt
				27 [illegible]	8'	
				27 50	[illegible]	
				26 81	42.5 Edge Pvmt	
				27 2	46.5	

Profile Notes Red. ____ Plotted ____ Job No. 975213 Division No. 10 F. B. 2247 Pg. 15
No. ____ Date ____ Date ____ Survey of [illegible]
X-Sec. Notes Chkd. ____ Checked ____ Survey by [illegible] Notes Newman Date [illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L298 S & E #307 9-54

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Do not extend notes this side of this line. Hwy 101 [illegible]

STATION	B. S.	H. I.	F. S.	ELEV.	Left (North)	℄ Right (South)
1+50				27 88		℄
				27 12		20'
				27 81		28' Edge Pvmt
				27 [illegible]	52'	
				27 50	31'	
				27 [illegible]	39' Edge Pvmt	
				27 5	44'	
2+00				28 12		℄
				28 [illegible]		23.5'
				27 75		31' Edge Pvmt
				27 15	3'	
				27 [illegible]	30'	
				27 41	38' Edge Pvmt	
				27 7	45'	
B.M. [illegible]				29 83		

F. B. 2247 Pg. 16 Job No. 8757.13 Division No. 10 Notes Red. Plotted Profile
Survey of Zima Beach Date Date No.
Survey by Hellstrom Notes Newman Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

Notes Ck'd by	Survey of Zuma Beach	F. B. ~~2287~~ ~~1445~~ Pg. ~~189~~ 17
Map No.	JN 8757.13 Tape Std °F	
Office Work	Surveyed by Uharriet	
Checked	Notes Uharriet Date 1-15-57	
Date	Indexed C. Johnson 1-16-56	

LOCATION OF FLAGSTONE ENTRANCE WALLS AT BUSCH DR. & PACIFIC COAST HWY.

J.N. 8757.13

JAN., 1957

Ref. F.B. 1445

Uharriet
Guizado
Voge
Harner
Mannes

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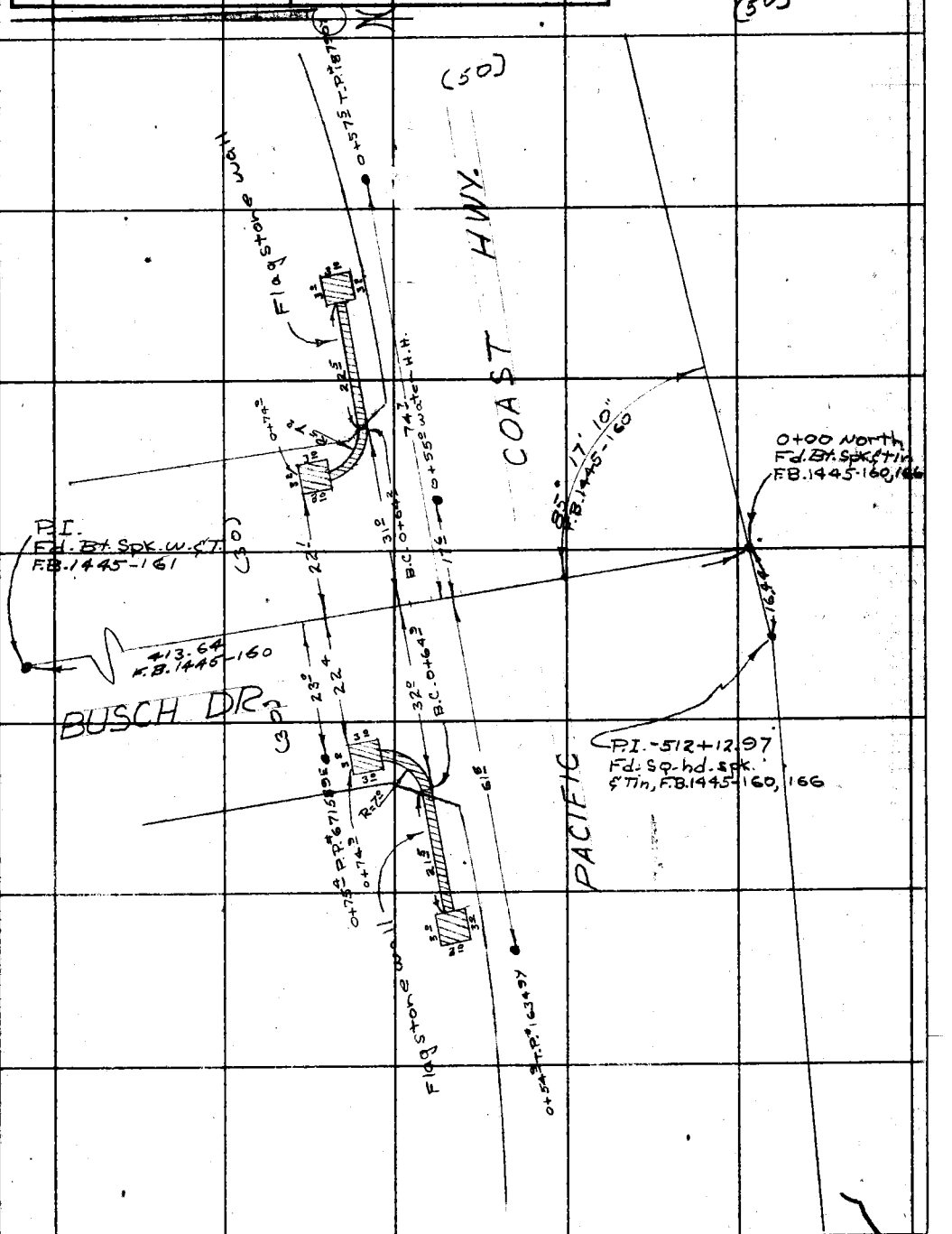
76F3098 S&E #247 1-56

2247 17

F. B. ~~1445~~ PG. ~~197~~

Notes Ck'd by	Survey of Zuma Beach
Map No.	JN 8757-13 Tape Std °F
Office Work	Surveyed by Uharriet
Checked	Notes Uharriet Date 1-15-57
Date	Indexed A. C. Johnson



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Map No.	JN 8757.13 Tape 0135 Std 68 °F
Office Work	Surveyed by A.N. Hellstrom
Checked	Notes A.N.H. Date 8-5-57
Date	Indexed A. C. Johnson

F. B. 2247 PG. 281

SEP 16 '57

J.N # 8757.13

ZUMA BEACH

LINE OF ENTRANCE RD. FROM STATE HWY #101 TO BEACH PARKING AREAS.
VICINITY OF BUSCH DRIVE.
TAKING OFF AT HWY BRIDGE
OVER ZUMA CREEK AND THROUGH UNDERPASS TO EAST END OF PARKING AREAS.

PAGES - 281 - 290

A.N. HELLSTROM
W.E. NEWMAN
C.W. ADAMS
M.V. DURAN.

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F. B. 2247 PG. 22

Cont On Bottom Pg. ~~233~~ 23

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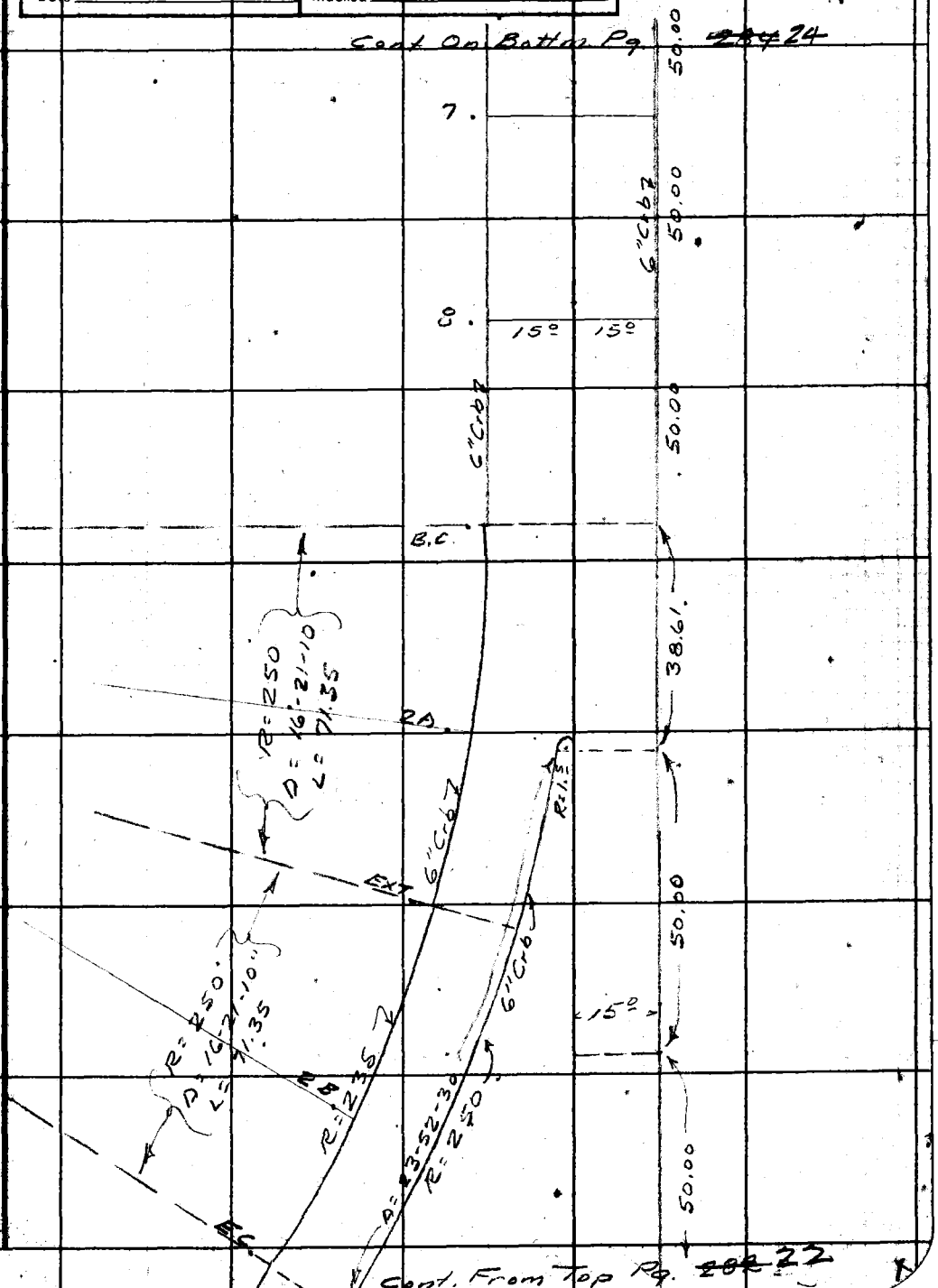
Office Work	Surveyed by A.N. Hellstrom
Checked	Notes A.N.H. Date 8-57
Date	Indexed C. Johnson

F. B. 2247 Pg. 23



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76F309S S&E #247 1-56

F.B. 2247 Pg. 24

Cont. On Bottm Left Pg. 25 ~~285~~

			69.70
1			50.00
2			50.00
3			50.00
4			
5	6" Crb	6" Crb	50.00
			50.00
6	15°	15°	50.00

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Cont. From Top Pg. 23 ~~283~~

Notes Ck'd by	Survey of ZUMA BEACH
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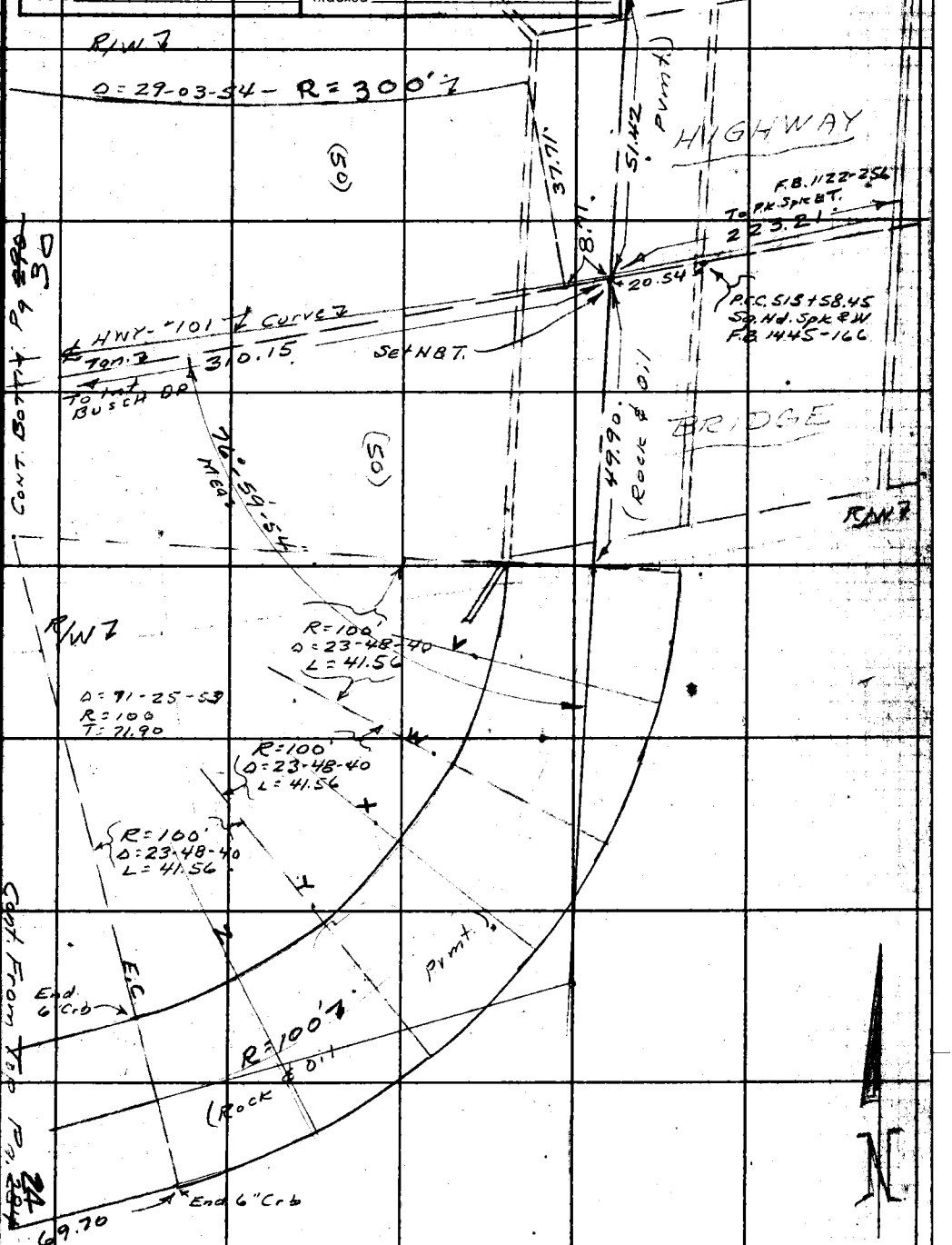
Checked	Notes A.N.H. Date 8-57
Date	Indexed E. C. Johnson

F. B. 2247 Pg. ~~285~~ 25
Cont. On Bk. Pg. ~~286~~ 26 & R/W



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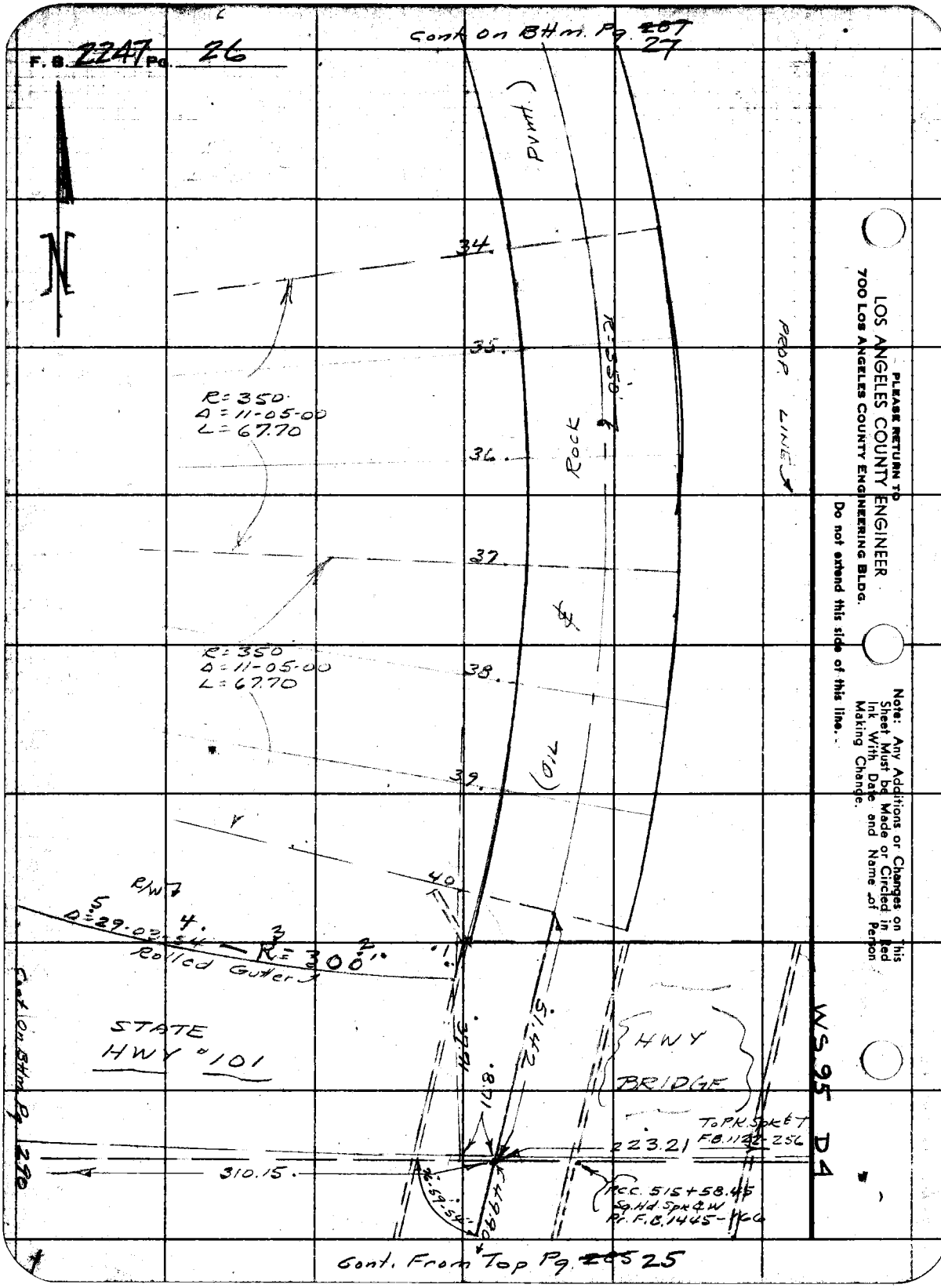
76F309S S&E #247 1-56


F.B. 2247 Pg. 26
Cont on BHm. Pg. 27
N
34
35
36
37
38
39
40
R=350
Δ=11-05-00
L=67.70
R=350
Δ=11-05-00
L=67.70
R/W
Δ=29-03-54
R=300
Rolled Gutter
STATE
HWY #101
HWY
BRIDGE
PROP. LINE
ROCK
(OIL)
37.91
51.42
10.8
223.21
310.15
To P.K. Spk & T
F.B. 1122-256
P.C.C. 515+58.45
Sq. Hd. Spk & W
Pr. F.B. 1445-166
Cont. From Top Pg. 25
Cont on BHm Pg. 290
WS 95 D4
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Notes Ck'd by	Survey of ZUMA BEACH
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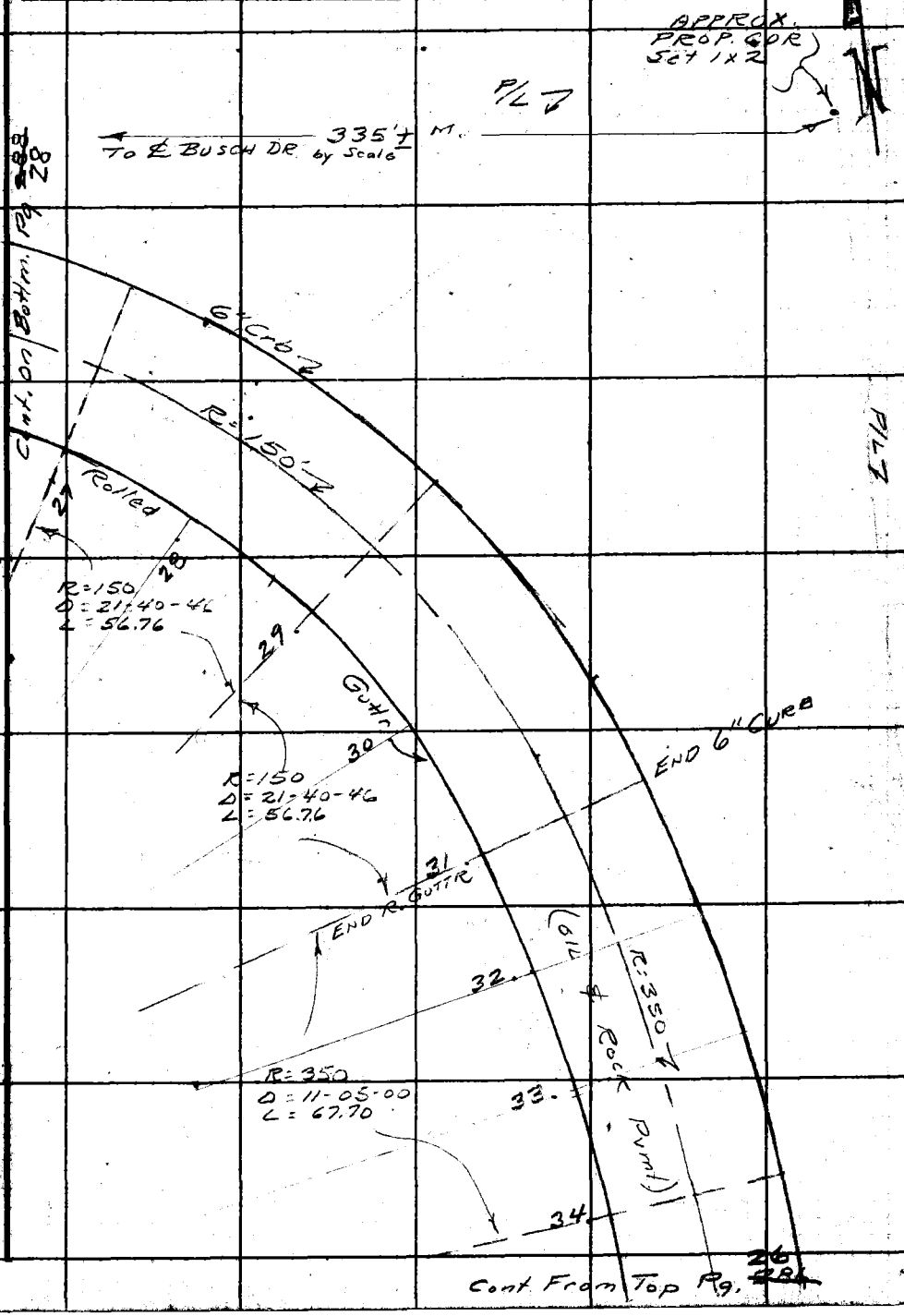
Office Work	Surveyed by A.N. Hellstrom
Checked	Notes A.N.H. Date 8-57
Date	Indexed A. C. Johnson

F. B. 2247 Pg. 27



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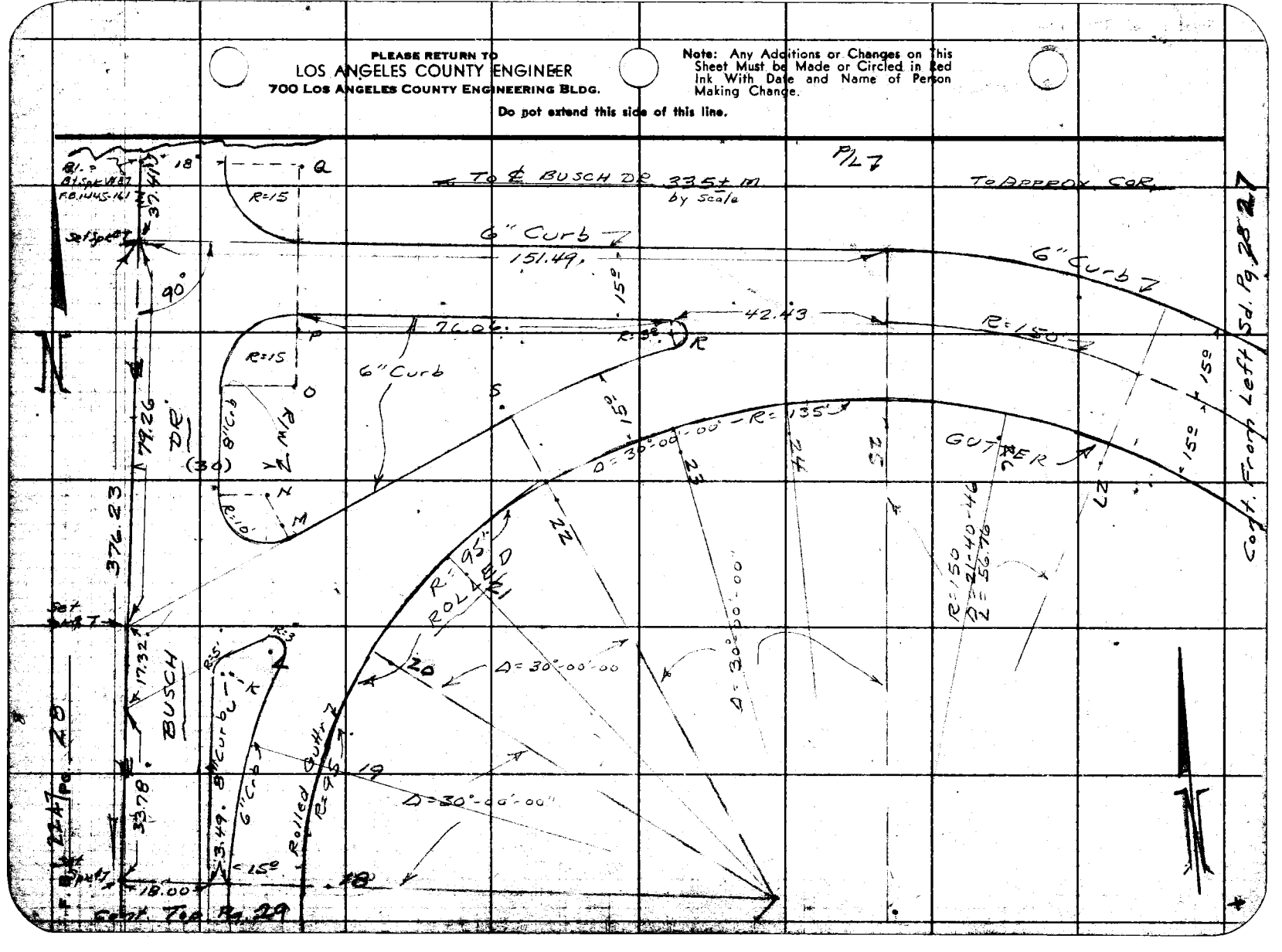
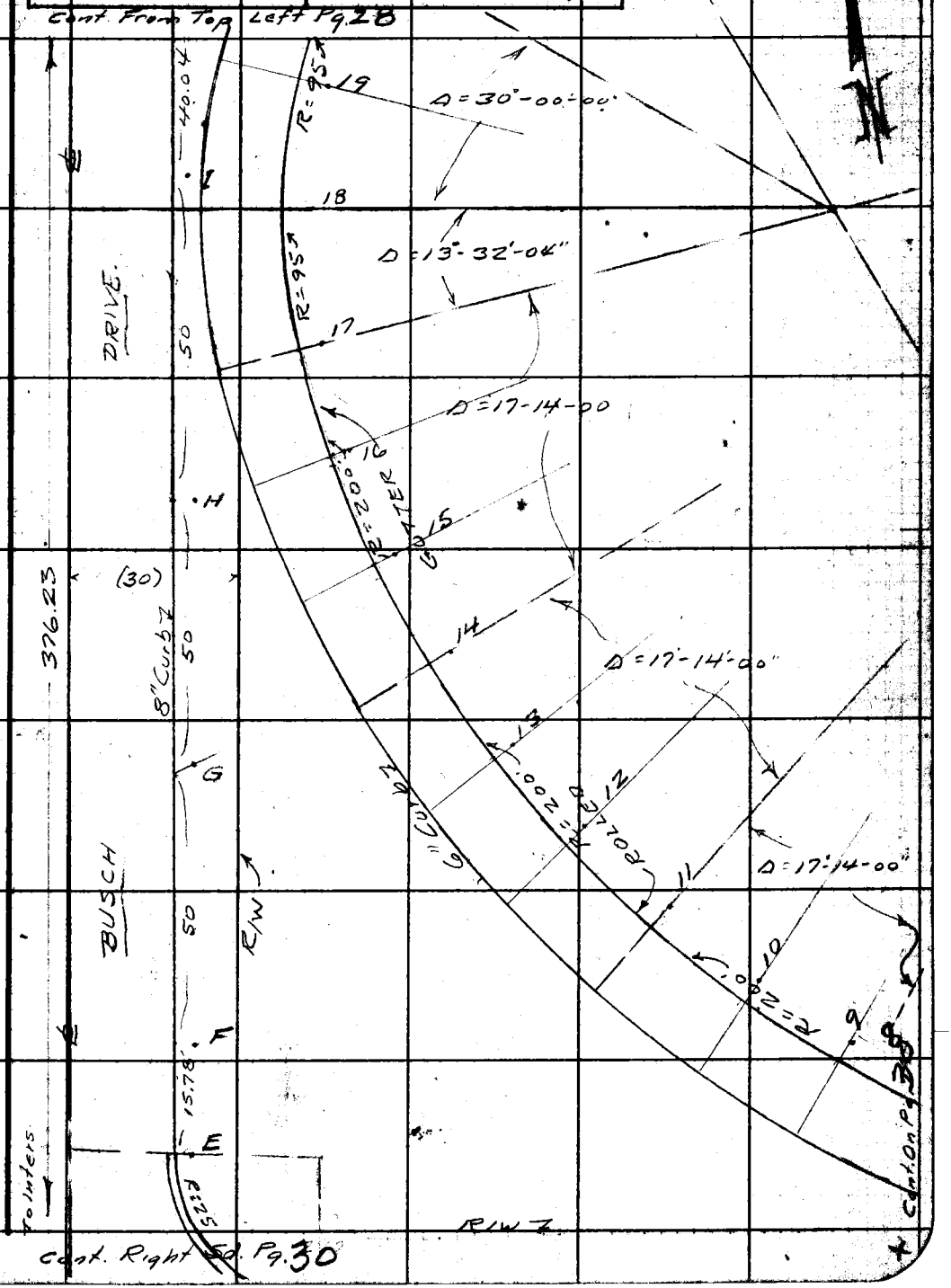


Notes Ck'd by	Survey of ZUMA BEACH
Map No.	JN 8757.13 Tape Std °F
Office Work	Surveyed by A.N. Hellstrom
Checked	Notes A.N.H. Date 8-57
Date	Indexed C. Johnson

F. B. ~~1445~~ 2247 Pg. 29



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76F3095 S&E #247 1-56

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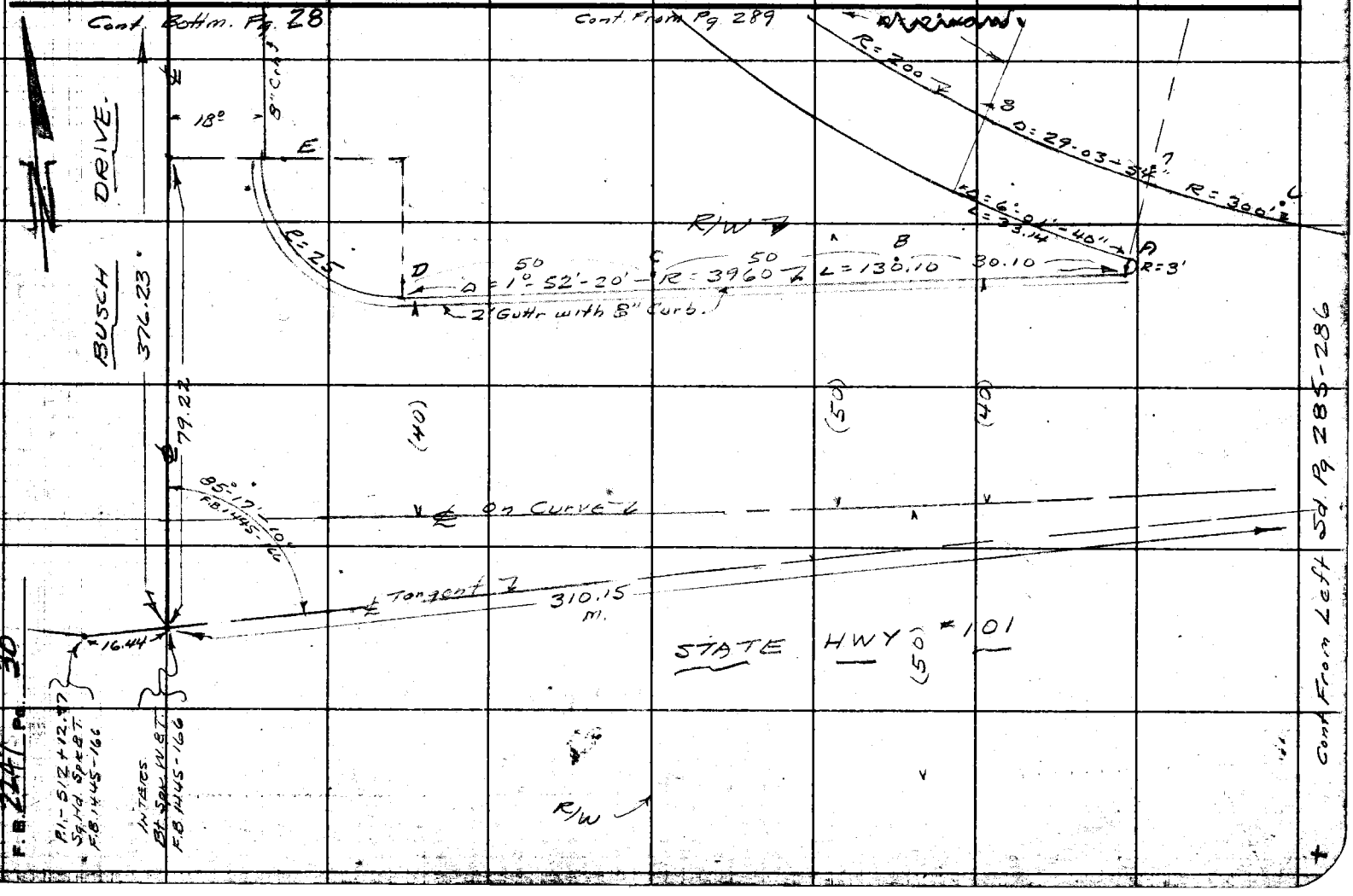

Profile No.	Notes Red. Date	Plotted Date	Job No. 8757.13	Division No. 10	F. B. 2247 Pg. 31
X-Sec. No.	Notes Chkd. Date	Checked Date	Survey of ZUMA BEACH		
			Survey by Hellstrom Notes W.E.N Date 8-1-57		
			Map No. Indexed E. C. Johnson Date SEP 16 '57		

J.N. 8757.13

ZUMA BEACH

GRADES FOR UNDERPASS ROAD IN VICINITY OF BUSCH DR. — UNDER PASS GOES UNDER STATE HWY BRIDGE OVER ZUMA CREEK IT IS AT EAST ENT. TO PARKING AREAS

(SEE PGS. 21-30 FOR SCHEME OF STATIONS)

A.N. HELLSTROM
W.E. NEWMAN
C.W. ADAMS
M.V. DURAN

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

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761.298 S & E #307 9-54

76L298 S & E #307 9-64

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F.B. 2247 Pg. 32 Job No. 8757.13 Division No. 10 Notes Red. Plotted Profile No.
Survey of ZUMA BEACH Date Date X-Sec. No.
Survey by Hellstrom Notes W.E.N. Notes Chkd. Checked
Indexed C. Johnson Date Date Date

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.				
B.M. "U.S. 1812				29.335	B.M. "U.S. 1312 Elev. 29.825 F.B. Zuma Creek (also known as Zuma Creek) on State Hwy bridge, at east end of Walk on north side of road, 2" brass, cap set in conc. stamped C.S., R.E. 2177.			
				A 8 96 2 8 14	T.C. Grt } W. end Bridge			
					Grade	Cut	Fill	
1				29 02	28.00	1.02		
2				28 70	27.77	0.93		
3				26 98	27.55		0.57	
4				26 59	27.32		0.73	
5				27 06	27.10		0.04	
6				26 62	26.87		0.25	
7				26 05	26.64		0.59	
8				25 64	26.21		0.57	
9				25 37	26.00		0.63	
10				25 13	25.80		0.67	
11				24 74	25.60		0.86	
12	5' OFFSET TO F.L. Rolled Curb			24 72	25.43		0.76	
13				24 60	25.36		0.76	
14				25 48	25.25	0.23		

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill
15				25 70	25.13	0.57	
16				25 74	25.01	0.73	
17				25 58	24.90	0.68	
18				25 78	24.76	1.02	
19				26 01	24.60	1.41	
20				25 38	24.45	0.93	
21				25 10	24.02	1.08	
22				23 92	23.60	0.32	
23				23 05	22.96	0.09	
24				22 34	22.32	0.02	
25				22 40	21.69	0.71	
26				21 90	21.14	0.76	
27				21 53	20.58	0.95	
28				20 79	20.03	0.76	
29				20 47	19.48	0.99	
30				19 79	18.89	0.90	
31				19 74	18.30	1.44	
T.B.M. "D"				17 97	1x2 Near Sys. Tree		
T.P.				27 00			
B.M. U.S. 1312				29 85	B.M. U.S. 1312 Elev. 29.825		

5° OFFSET To F.L. Rolled Curb.

Profile Notes Red. ____ Plotted ____ Job No. 8757.13 Division No. 10 F. B. 2247 Pg. 33
No. ____ Date ____ Date ____ Survey of Zuma Beach
X-Sec. Notes Chkd. ____ Checked ____ Survey by Hellstrom Notes W.E.N. Date 8-1-57
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill
N. Sd. Hwy #101 - Betwn Bridge & Busch Dr (R = 3960')							
B.M. # V.S.1312				29.325			
Rd. Pt. = A - 3' Rod		(3' OFFSET)		27.29	27.47		0.18
B				27 00	27.26		0.26
C				26 66	26.93		0.27
B.C = D				26 94	26.67	0.27	
E.C. = E				26 27	26.66		0.39
T.B.M.				28 18	Spike in P.P. #871589-E		
Rd. Pt. 25'				25 55			

F. B. 2247 Pg. 32 Job No. 875713 Division No. 10 Notes Red. Plotted Profile
Survey of Zuma Beach Date Date No.
Survey by Hellstrom Notes W.E.N. Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill
F				25.88	26.70		0.82
G				26.34	26.80		0.46
H				27.12	27.20		0.08
I				27.91	27.60	0.31	
J				28.[illegible]	27.76	0.31	
K				27.25	W. 27.76		0.51
					N. 27.45		0.20
				26.19	F. 26.00	0.19	
					N. 26.45		0.26
M				[illegible]	27.60		1.00
N				26.9[illegible]	27.90		0.99
O				27.66	27.90		0.34
P				28.34	27.70	0.64	
Q				28.[illegible]	W. 28.14	0.20	
					S 27.90	0.44	
[illegible]				23.92	N. 24.20		0.28
					S 24.20		0.28
				24.78	25.10		0.82
[illegible]	Check Shot.			23.[illegible]			

Profile Notes Red. ____ Plotted ____ Job No. 875713 Division No. 10 F. B. 2247 Pg. 35

No. ____ Date ____ Date ____ Survey of ZUMA BEACH

X-Sec. Notes Chkd. ____ Checked ____ Survey by Hellstrom Notes W.E.N. Date 8-1-57

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

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	
T.B.M.				17.77				
32				18.53	17.72	0.81		5' OFFSET
33				17.77	17.14	0.63		1st RUN - Destryd.
34				16.48	16.56		0.08	
35				15.75	16.02		0.27	
36				14.83	15.48		0.65	
37				14.38	14.93		0.55	
38				13.89	14.42		0.53	
39				13.17	13.91		0.74	
40				12.98	13.40		0.42	
31				12.74				Elev. 12.74

SEE PG - ~~301~~ 41 FOR LATEST.

F. B. 2247 Pg. 36 Job No. 8757.13 Division No. 10 Notes Red. Plotted Profile
Survey of Zuma Beach Date Date No.
Survey by Hellstrom Notes W.E.N Notes Chkd. Checked X-Sec.
Indexed Date Date Date No.

7CL298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.				
T.B.M. "D"				17 97	T.B.M. "D" Elev 17.97			See pg. 293
T.P.				14 76	Grade	Cut	Fill	
"V"	See Also			12 59	12.85		0.26	
"W"	pg. ~~302~~ 42			13 10	13.10	Grade.		
"X"	For Latest.			14 22	13.70	0.52		
"Y"				14 82	14.30	0.52		
"Z"				15 10	14.98	0.12		
E.C.	(5' OFFSET TO N. Curb)			15 39	15.67		0.28	
1				15 97	17.00		1.03	
2				16 62	17.58		0.96	
3				17 95	17.97		0.02	
4				18 08	18.37		0.29	
5				18 27	18.75		0.48	
6				18 48	19.10		0.62	
7				18 69	19.33		0.64	
8				19 00	19.57		0.57	
B.C.				19 19	19.82		0.63	
2A				19 26	20.12		0.86	
EXT				19 38	20.41		1.03	

F. B. 2247 Pg. 38 Job No. 8757.13 Division No. 10 Notes Red. Plotted Profile
Survey of ZUMA BEACH Date Date No.
Survey by A.H. Hellstrom Notes W.E. Newman Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	Grade	Cut	Fill	
2 B.				19 81	20.71		0.90	
E.C.				20 44	21.00		0.56	
Rd [illegible]				20 37				
Rd [illegible]				18 68				
[illegible]				18 [illegible]	19.30		1.05	
[illegible]				17 50	18.90		1.40	
[illegible]				[illegible] 73	17.25		0.52	
B.C.				14 36	13.85	0.51		
1A				14 [illegible]	14.41	0.30		
Ext.				14 92	14.97		0.05	
1 B				15 53	15.53	0.05		
E.C.				16 37	16.10	0.27		
[illegible]				17 26				
R=5'				11 92	12.80		0.88	
B.C. # [illegible]				20 42				

Profile Notes Red. ____ Plotted ____ Job No. 8757.13 Division No. 10 F. B. 2247 Pg. 39
No. ____ Date ____ Date ____ Survey of Zuma Beach
X-Sec. Notes Chkd. ____ Checked ____ Survey by A.N. Hellstrom Notes Newman Date 8-6-7
No. ____ Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F. B. 2247 Pg. 40 | 8757.3 Job No. Division No. 10 Notes Red Plotted Profile

Survey of ZUMA BEACH Date Date No.

Survey by Hellstrom Notes W. E. N Notes Chkd. Checked X-Sec.

Indexed A. C. Johnson Date Date Date No.

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

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76L250 S & E 7307 6-54

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.				
T.B.M STA. 34				16 48	See [illegible]			
					Grade	Cut	Fill	
32				17 77	17.72	0.05		Set 1x2 W&T. ②
32 A				19 93	20.42		0.49	" " "
33				17 04	17.14		0.10	" " "
33 A				19 06	19.54		0.48	" " "
34				16 15	16.56		0.41	" " "
34 A				18 30	18.66		0.36	" " "
35				15 39	16.02		0.63	" " "
35 A				17 37	17.78		0.41	" " "
36				14 57	15.48		0.91	" " "
36 A				16 74	16.90		0.16	" " "
37				14 11	14.93		0.82	" " "
37 A				16 19	16.03	0.16		" " "
38				13 63	14.42		0.79	" " "
38 A				15 52	15.15	0.37		" " "

(2° OFFSET)

Profile Notes Red. ____ Plotted ____ Job No. 8757.13 Division No. 10 F. B. 2247 Pg. 41
No. ____ Date ____ Date ____ Survey of Zuma Beach
X-Sec. Notes Chkd. ____ Checked ____ Survey by Hellstrom Notes WEN Date 8-30-57
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.				
					Grade	Cut	Fill	
39				13 12	13.91		0.79	Set 1x2 N&T
39A				14 80	14.27	0.53		" " "
40				12 70	13.40		0.70	" " "
40A				13 68	13.40	0.28		" " "
1				13 40	Set Elev. Marks on No. side of Bridge			
2				13 40	" "	"	"	" "
3				12 40	" "	"	"	" "
4				12 00				
5				13 00				
					Grade	Cut	Fill	Plain Letters (X) ① Letters with A (XA) ②
V				12 56	12.85		0.29	Set 1x2 N.&T.
VA				12 98	13.23		0.25	" " "
W				13 13	13.10	0.03		" " "
WA				13 10	13.65		0.55	" " "
X				14 21	13.70	0.51		" " "
XA				13 68	14.15		0.47	" " "
Y				14 82	14.30	0.52		" " "
YA				13 99	14.65		0.66	" " "
Z				14 96	14.98		0.02	" " "
ZA				14 22	15.16		0.94	" " "
X (old) Chk Sht				14 21	Elev 14.22 see pg 298			

F. B. 2247 Pg. 42 Job No. 8757.13 Division No. 10 Notes Red. Plotted Profile
Survey of ZUMA BEACH Date Date No.
Survey by Hellstrom Notes Newman Notes Chkd. Checked X-Sec.
Indexed C. Johnson Date Date Date No.

Notes Ck'd by	Survey of ZUMA BEACH
Map No.	JN 8757.13 Tape Std °F
Office Work	Surveyed by A.N. Hellstrom
Checked	Notes Newman Date 9-7-57
Date	Indexed E. C. Johnson

SEP 16 '57

2247 43
F. 1445 Pg. 969

J.N. 8757.13

ZUMA BEACH

PAGES

LOCATION OF MAIN WATER LINES IN PLANTING AREAS FOR NEW UNDER PASS ROAD ENTRANCE TO PARKING AREAS

ALL PIPE AVERAGE 20" Under Surface
Except The 4" C.I. Pipe Under Pvmt.
In Underpass; It Is 48" Under Surf.

A.N. Hellstrom
W.E. Newman
C.W. Adams
M.V. Duran.

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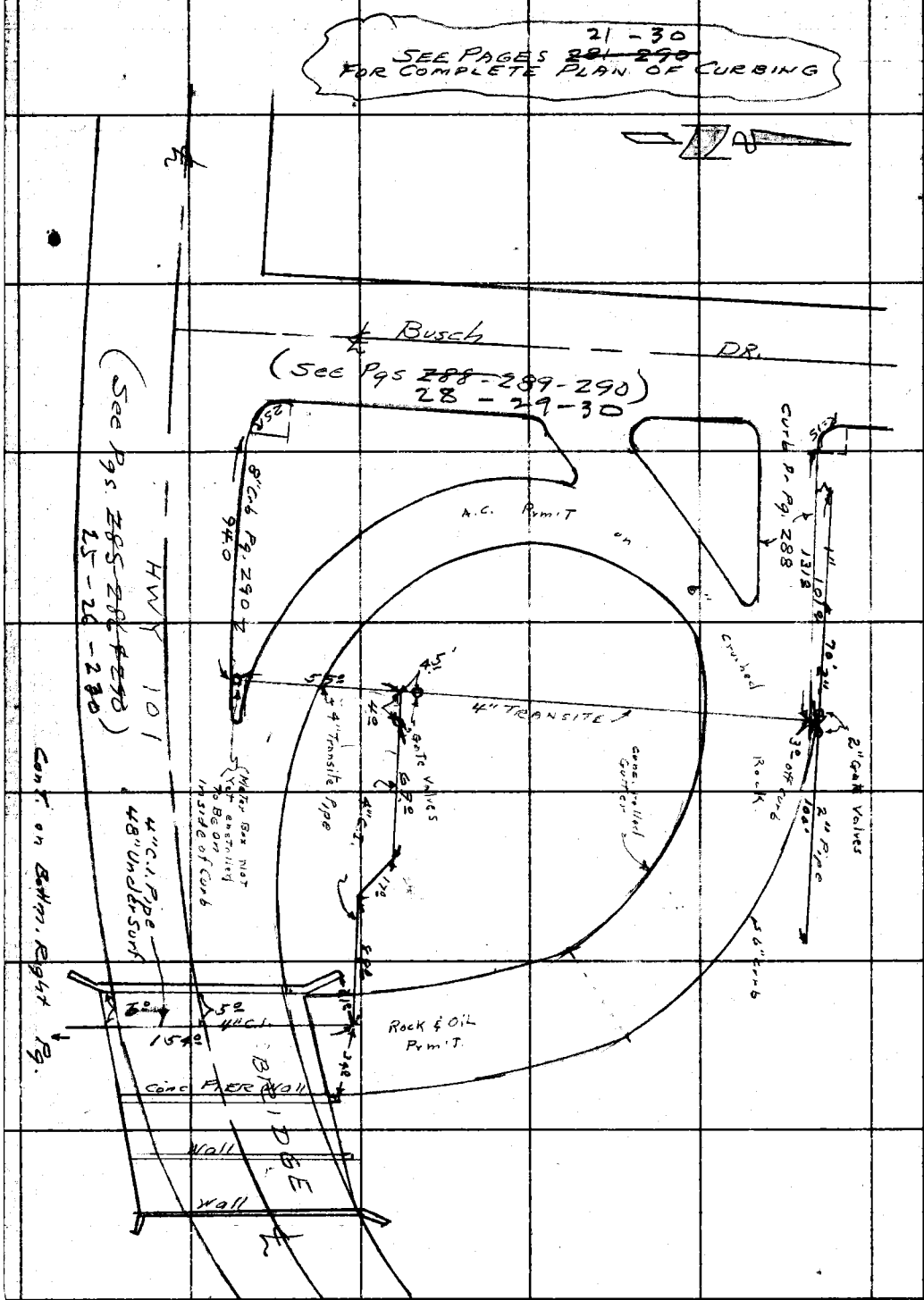
76F3095 SEE #247 1-55

2247 44

F. B. ~~1445~~ Pg. ~~304~~



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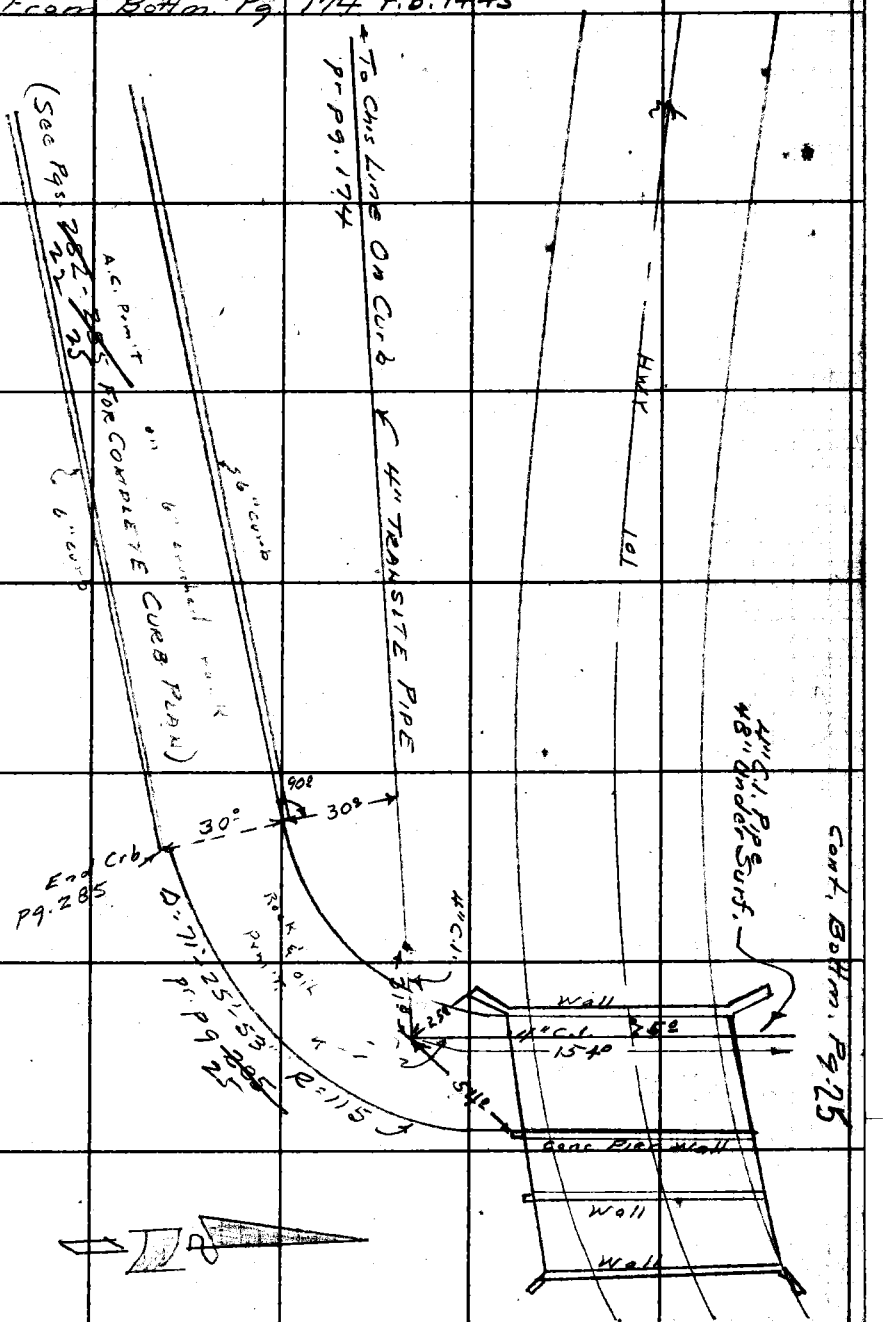
Notes Ck'd by	Survey of Zuma Beach
Map No.	JN 8757.13 Tape Std °F
Office Work	Surveyed by A. N. Hellstrom
Checked	Notes Newman Date 9-3-57
Date	Indexed C. Johnson

F. B. ~~1445~~ 2247 Pg. ~~305~~ 45

Cont. From Bottm. Pg. 174 F.B. 1445



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76F309S S&E #247 1-56

2474

Notes Ck'd by	Survey of ZUMA BEACH
Map No.	JN Tape Std °F
Office Work	Surveyed by L.L. Brown
Checked	Notes Bowles Date 12-23-57
Date	Indexed C. Johnson

F. B. 2247 Pg. 47

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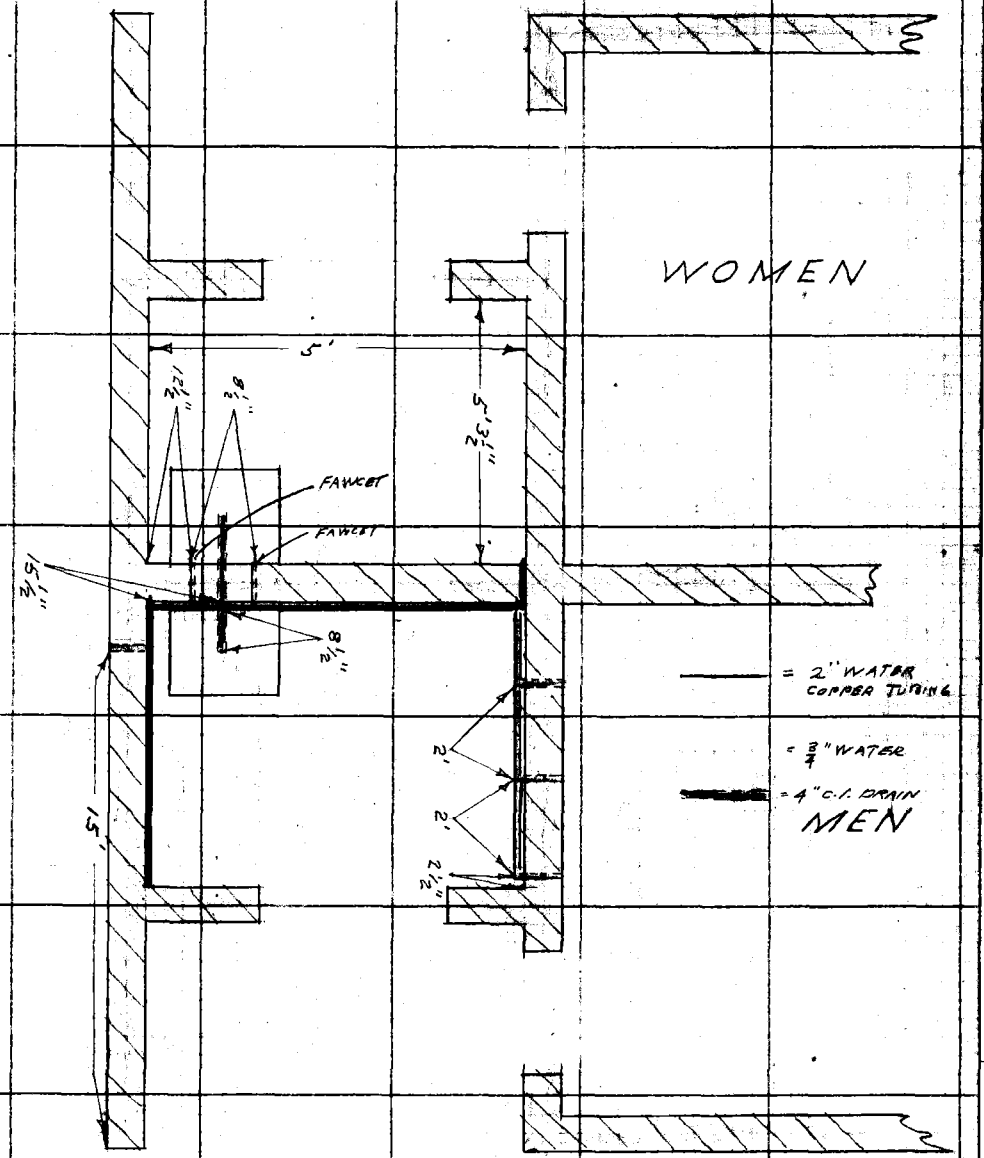

LOCATION OF WATER PIPES IN JANITOR'S ROOM FOR COMFORT STA. No. 2473, 2474 & 2475

SEE #247 1-56

Notes Ck'd by	Survey of ZUMA BEACH
Map No.	JN Tape Std °F
Office Work	Surveyed by J. P. MENNE
Checked	Notes J.P.M. Date 4-23-59
Date	Indexed C. Johnson 4-27-59

F. B. 2247 PG. 49

TO SAM. BOUCHER

LOCATION & ELEV.

OF

6" WATER LINE

AT

SOUTH EAST CORNER

OF TRANCAS CREEK

BRIDGE

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76F3098 SAE #247 1-56

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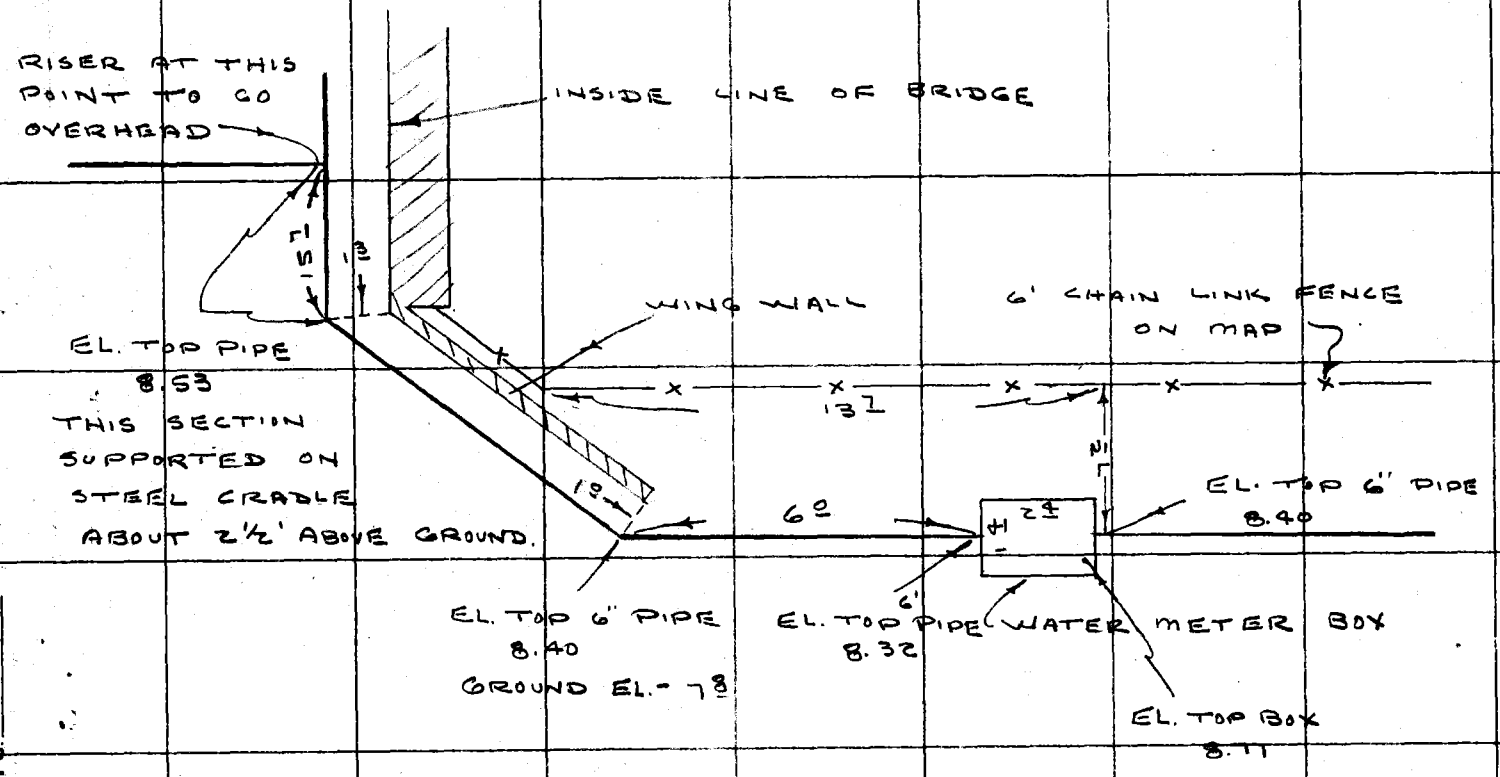

F. B. 2247 PG. 50

Profile No. | Notes Red. | Date | Plotted | Date | Job No. 8757.19 | Division No. 11 | F. B. 2247 Pg. 51

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey of Zuma Beach | Survey by Hellstrom | Notes by D & B | Date 1-9-62 | Map No. | Indexed H. E. OTT | Date JUN 4 '62

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STATION	B. S.	H. I.	F. S.	ELEV.	
					J.N. 8757.19 ZUMA BEACH TBM'S for Construction of Parking Lots # 7 thru # 12 Hellstrom Burkholder Jones Alwin

76L288 S & E #307 9-54

76L298 S & E #307 9-54

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F. B. 2247 Pg. 52 Job No. 8757.12 Division No. 11 Notes Red. Plotted
Survey of ZUMA BEACH Date 1-2-62 Date No. X-Sec.
Survey by Hallstrom Notes Chkd. Checked
Indexed H. E. Ott Date Date No. Profile

STATION	B. S.	H. I.	F. S.	ELEV.	
B.M. # U.S. 3004 fd.				16 36	B.M. # U.S. 3004 Elev. 16.362, F.B. 1445-280. U.S.C.&G.S. Brass Disc. set in 10"x10" Conc. block, So. Side Pacific Coast Hwy @ Sta Marker 470+25
T.P.				14 86	1x1
TBM (Set)				14 50	@ Sta. 463+26± (Set L&T in Conc. Slab) TBM. S.E. Cor. of Comfort Sta., Between Parking Lots #7&#8
T.P.				14 13	1x1
T.P.				12 50	1x1
T.B.M. (Set)				15 30	@ Sta 455+30± So. Side Hwy. T.B.M. Bt. Spk in So. Side P.P. # None
T.P.				12 50	1x1
T.B.M. (Set)				13 72	@ Sta 451+50± @ Prop. Line of Park T.B.M. Bt. Spk. & Ld. in S.W. Cor. of 4'x6' Conc. drain box.
T.P.				11 53	1x1
T.B.M. (fd)				12 29	@ Sta 447+00± (Fd. L&T in Conc. Slab) T.B.M. S.E. Cor. Comfort Sta, Between Parking Lots #9&#10
T.P.				13 60	1x1
T.P.				13 81	1x1
T.B.M. (Set)				15 07	@ Sta. 441+75± @ Prop Line of Park T.B.M. Bt. Spk. & Ld. in S.W. Cor. of 4'x6' Conc. drain box
T.P.				14 32	1x1
T.B.M. (Set)				15 62	@ Sta. 437+00± @ Prop. Line of Park T.B.M. Bt. Spk. & Ld. in S.E. Cor. of 4'x6' Conc. drain box.
T.B.M. (Set)				12 33	@ Sta. 434+50± L&T in Conc. Slab T.B.M. S.E. Cor. of Comfort Sta., Between Park. Lots #11&#12
T.B.M. (Set)				13 99	@ Sta. 433+03± @ Park Prop Line T.B.M. Bt. Spk & Ld. in S.W. Cor. of 4'x6' Conc. drain box.
T.B.M. (Set)				13 36	@ Sta. 431+00± @ Park Prop. Line T.B.M. Bt. Spk & Ld. in S.W. Cor. of 4'x6' Conc. drain box.
T.B.M. (Set)				13 52	@ Sta 427+00± @ Park Prop Line T.B.M. Bt. Spk & Ld in Conc. base of W. Gate Post.

76L298 S & E #307 9-54

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					Trancas Creek, Bridge #53-27	
T.B.M.				1377	T.B.M. Bt. Spk & Ld. in S.E. Wing Wall	
					Elev. 18.527, FB. 1445-49, New Description, Dume Creek	
U.S.B.M. 1314				1869	U.S. 1314 1.8 Miles W. of Trancas Creek, on State Hwy.	
					Bridge #5327 @ W. end of Walk, So. Side of Hwy.	
					Bronze Tablet Stamped R-49-192.8, Reset 1938	

Profile Notes Red. Plotted Job No. 8757.19 Division No. 11 F. B. 2247 Pg. 53
No. Date Date Survey of ZUMA BEACH
X-Sec. Notes Chkd. Checked Survey by Hellstrom Notes by D.G. Date 1-9-62
No. Date Date Map No. Indexed H. E. OT Date

F. B. 2247 Pg. 55

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 8757.19 Division No. 11

Survey of ZUMA COUNTY BEACH

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Hellstrom Notes D.L.B. Date 1-1962

Map No. ____ Indexed H. E. OTT Date JUN 4 '62

J.N. #8757.19

ZUMA COUNTY BEACH

GRADES FOR CURBING 5.0 FEET IN FROM PROPERTY LINE ALONG STATE HIGHWAY FROM PARKING AREA #7 TO PARKING AREA #12 (Incl.)

SET 50 FT. STATIONS ON 2.5 FT. OFFSET FROM FACE OF CURB (1X2 NET = STA. PT.)

STATE HWY. ℄ STA. - E.C. 468+31.00 = CURB STATIONING 5+00.00 going W'LY TOWARDS TRANCAS CREEK

ELEV.

F. B.

H. I.

B. B.

STATION

A.N. HELLSTROM
D. BURKHOLDER
L.W. JONES
R.J. RODRIGUEZ
G.P. ALWIN

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76L298 S & E #307 9-54

76L298 S & E #307 9-54

4+75 - 12.54 = Tp. Pvmt.

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STATION	B. S.	H. I.	F. S.	ELEV.				
B.M.-U.S. #3004				16 36	B.M.-U.S. #3004 - Elev. 16.362 - F.B. 1445-280 U.S.C. & G.S. Br. Cp. Disc. In 10'x10' Conc. Block So. Side Coast Hwy @ Sta. Mrkr. 470+25			
					%	Fin. Grd. On Top Curb	C/F	
0+00								
0+84.85	(470+45.45 - St. Hwy) End Exist. Curbing			16 24	Minus 1.009%	16.15		
1+00				15 82		16.00	F-0.18	
+50				16 28		15.50	C-0.78	
2+00.00	B.C. - 5' C. Ret.			16 14		15.00	C-1.14	
2+00.00	On 5' Rad. Pt.			17 16				
2+30.00	E.C. - 5' C. Ret			16 82		14.80	C-2.02	
2+30	On 5' Rad. Pt.			16 03				
2+50				16 47	Minus 0.717%	14.66	C-1.81	
(E.C. 468+31.00) ℄ State Hwy = B.C. 3+00.00				16 30		14.30	C-2.00	
+50				15 03		13.94	C-1.09	
4+00				14 53		13.58	C-0.95	
+50				14 37		13.22	C-1.15	
4+75	12.54 Fin. Paving			12 54		13.04		Set 1x2 @ Fin. Par. Gr.
4+80	Grd. Brk.			13 00		13.00	Gr.	

F. B. 2247 Pg. 56 Job No. 8757.19 Division No. 11 Notes Red. Plotted Profile
Survey of Zuma Beach Date Date No.
Survey by Hellstrom Notes D.L.B. Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date Date No.

76L298 S & E #307 9-54

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Profile Notes Red____ Plotted____ Job No. 5757.19 Division No. 11
No____ Date____ Date____ Survey of ZUMA BCH
X-Sec. Notes Chkd.____ Checked____ Survey by Hellstrom Notes by K.B. Date 1-1962
No____ Date____ Date____ Map No.____ Indexed H. F. OTT Date____

F. B. 2247 PG. 57

STATION	B. S.	H. I.	F. S.	ELEV.	%	FIN. GRD. ON TOP CURB	C/F	
4+30	Grd. Brk. ✓							
5+00	⊙			14 22		13.09	C-1 13	
+50				14 40		13.32	C-1 08	
6+00				14 21		13.54	C-0 67	
+50				14 96		13.77	C-1 19	
7+00				14 66		13.99	C-0 67	
+50				15 13		14.22	C-0 91	
⌒ E.C. 7+93.57 (B.C. 463+25.31) State Hwy. ℄				15 30		14.42	C-0 88	
8+00				15 53		14.45	C-1 08	
8+10 Grd Brk. ✓				14 50		~~14.50~~	Gr.	
+50	⊙			15 93		14.34	C-1 59	
9+00				15 60		14.14	C-1 46	
9+40	Set 1x2 @ Fin. Paving Gr.					13.98		Exist. Elev. Top Grate = 13.06
+50				15 81		13.94	C-1 87	
10+00				14 80		13.74	C-1 06	
+50				14 53		13.54	C-0 99	
11+00				14 36		13.34	C-1 02	
11+08	Grd. Brk. ✓			13 30		13.30	Gr.	
+50				14 58		13.53	C-1 05	
12+00	⊙			13 76		13.80	F-0 04	
+50				13 80		14.07	F-0 27	
12+93	Gr. Brk.					14.31		
12+95	Set 1x2 @ Fin. Paving Gr.					14.36		Exist. Elev. Top Grate = 12.63
13+00				13 32		14.28	F-0 96	

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	%	FIN. GRD. OR TOP CURB	C/F	
13+50				13 77		14.08	F-0 31	
14+00				12 79		13.88	F-1 09	
+50				11 93	0.40%	13.68	F-1 75	
15+00	⊙			11 66		13.48	F=1 82	
+50				11 45		13.28	F-1 83	
16+00				11 50		13.08	F-1 58	
+50				11 86		12.88	F-1 02	
17+00				11 47		12.68	F-1 21	
+50				11 85		12.48	F-0 63	
18+00	⊙			11 87		12.28	F-0 41	
+50				12 51		12.08	C-0 43	
19+00				11 93		11.89	C-0 04	
19+38	Gr. Brk	✓				11.75	Gr	
+50				11 90		11.82	C-0 08	
20+00				11 50	0.550%	12.09	F-0 59	
20+05								
20+39								11.48 10.98
20+50				11 27		12.37	F-1 10	
20+71								11.63 11.13

F. B. 2247 Pg. 58 Job No. 8757.19 Division No. 11 Notes Red. Plotted Profile
Survey of ZUMA BCH Date Date No.
Survey by Hellstrom Notes D.L.B. Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	%	FIN. GRD. ON TOP CURB.	C/F.
21+00				11 27	+0.550%	12.64	F-1 37
+50	⊙			11 11		12.91	F-1 80
22+00				11 45		13.19	F-1 74
+50				12 37		13.47	F-1 10
22+[illegible]	E.C. [illegible] (448 +47.89) Grd Brk.			11 95		13.60	F-1 65
23+00				11 64	-0.403%	13.49	F-1 85
23+50				12 10		13.29	F-1 19
24+00				12 35		13.09	F-0 74
+50	⊙			13 34		12.89	C-0 45
25+00				13 61		12.69	C-0 92
25+25.11	Grd Brk.					12.58	
25+50				13 18	+0.498%	12.70	C-0 48
26+00				12 99		12.95	C-0 04
+50				12 89		13.20	F-0 31
27+00				12 85		13.45	F-0 60
+50	⊙			13 24		13.70	F-0 46
28+00				13 73		13.95	F-0 22
+50				14 48		14.20	C-0 28

Profile Notes Red ____ Plotted ____ Job No. 8757.19 Division No. 11 F. B. 2247 Pg. 59
No. ____ Date ____ Date ____ Survey of ZUMA BEACH
X-Sec. Notes Chkd. ____ Checked ____ Survey by A.N.H. Notes D.J.B. Date 1-23-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.	%	Fin. Grd. Top Curb	Cut or Fill
29+00				14 57	+0.498	14.45	C-0.12
29+45.36	Grd. Brk.			14 67		14.67	Grd.
29+50				14 54		14.69	F-0.15
30+00				14 12		14.89	F-0.77
30+36.93	E.C. = (State Hwy ℄ 440+96.74)			14 07		15.04	F-0.97
+50				14 16	+0.412 %	15.10	F-0.94
31+00				14 27		15.30	F-1.03
+50				14 53		15.51	F-0.98
32+00				14 63		15.71	F-1.08
32+12.32	B.C. = (State Hwy ℄ 439+21.31)			14 73		15.77	F-1.04
+50				14 57		15.94	F-1.37
32+53.32	Grd. Brk.			15 95		15.95	Grd.
33+00				14 65		15.64	F-0.99
+50				14 68		15.31	F-0.63
34+00				14 27	-0.655%	14.98	F-0.71
+50				14 40		14.65	F-0.25
35+00				13 98		14.32	F-0.34
+50				13 48		13.99	F-0.51
36+00				13 44		13.66	F-0.22
36+22.90	Grd. Brk.			13 51	-0.528	13.51	Grd.

F. B. 2247 Pg. 60 Job No. 8757.19 Division No. 11 Notes Red. Plotted Profile
Survey of ZUMA BEACH Date 1-23-62 Date No.
Survey by Hellstrom Notes D.S.B. Notes Chkd. Checked X-Sec.
Indexed H. F. OTT Date Date Date No.

76L298 S & E #307 9-54

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STATION	B. S.	H. I.	F. S.	ELEV.		Fin. Grd. Top Cb.	Cut or Fill		
36+50				13 97	%	13.37	C-0 60		
37+00				13 39	-0.52%	13.11	C-0 28		
37+15.40	P.C.C.	Grd. Brk	= (State ℄ 434	12 45		13.04	F-0 59		
T.B.M.						T.B.M.	Elev. 13.99 F.B. 2247-52 @ Sta. 433+03± Spk & Ld. S.W. Cor. Conc. drain box		

Profile Notes Red. ____ Plotted ____ Job No. 8757.19 Division No. 11 F. B. 2247 Pg. 61
No. ____ Date ____ Date ____ Survey of ZUMA BEACH
X-Sec. Notes Chkd. ____ Checked ____ Survey by A.N.H. Notes DJOS Date 1-23-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2247 Pg. 63

Profile No. | Notes Red. | Date | Plotted | Date | Job No 8757.19 | Division No. | Survey of ZUMA BEACH CO. PARK

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey by Mankey/Notes ETM Jr. Date 2-27-'62 | Map No. | Indexed H. E. OTT Date JAN 4 '62

JN 8757.19

ZUMA BEACH CO. PARK

FINISH GRADES

on

LOT VII

RED TOP SUB GRD. STKS. (9" = SUB) @ 40' Grids Stations

(See Pgs 145-149 - For Scheme of Sta.)

Mankey Jr.
McCall
Swann
Manley

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LOT VII		FIN GRADES.
					FIN GRADE	SUB GRADE	Cut or Fill to SUB GR.
T.B.M.				14.50			
A- 1				13.75	14.50'	13.75'	GR. 1"x2" Stk
- 3				13.48	14.23	13.48'	GR.
- 5				13.18	13.93'	13.18'	GR.
- 7				12.88'	13.63	12.88'	GR.
9				12.58'	13.33	12.58'	GR.
11				12.28'	13.03	12.28'	GR.
13				11.98'	12.73	11.98'	GR.
14(+10')	GR. BREAK			11.75	12.50	11.75	GR.
15				11.80'	12.55'	11.80'	GR.
17				11.99'	12.74'	11.99'	GR.
19				12.18	12.93'	12.18'	GR.
21					13.12'	12.37'	
23					13.31'	12.56	
25				12.75'	13.50'	12.75	GR.
A- 27				12.95'	13.70'	12.95	GR.
C- 1				12.98	13.73'	12.98'	GR.
3				12.72'	13.47'	12.72'	GR.
5				12.44'	13.19'	12.44'	GR.
C- 7				12.15'	12.90'	12.15'	GR.

F. B. 2247 Pg. 64 Job No. 8757.19 Division No. ____ Notes Red. ____ Plotted ____ Profile
Survey of ZUMA BEACH CO. PARK Date ____ Date ____ No. ____
Survey by H. E. Ortiz Notes Mankey Jr. Notes Chkd. ____ Checked ____ X-Sec.
Indexed ____ Date ____ Date ____ Date ____ No. ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LOT VII (cont.) FIN GR.	SUB. GR.	Cut or Fill to SUB. GR.	FIN GRADES
C. 9				11.85'	12.60'	11.85	GR.	1"x2" Stk
11				11.55'	12.30'	11.55'	GR.	
13				11.25'	12.00'	11.25	GR.	
14(+10')	GR. BREAK			11.00	11.75'	11.00	GR.	
15				11.07'	11.82'	11.07	GR.	
17				11.27'	12.02'	11.27	GR.	
19				11.47'	12.22'	11.47	GR.	
21				11.67'	12.42'	11.67	GR.	
23				11.87'	12.62'	11.87	GR.	
25				12.07'	12.82'	12.07	GR.	
C- 27				12.30'	13.05'	12.30	GR.	
E- 1				12.56'	13.31'	12.56	GR.	
3				12.29'	13.04'	12.29'	GR.	
5				12.01'	12.76	12.01'	GR.	
7				11.72'	12.47	11.72'	GR.	
9				11.42'	12.17'	11.42	GR.	
11				11.12'	11.87'	11.12'	GR.	
13				10.82'	11.57	10.82'	GR.	
14(+10')	GR. BREAK			10.59	11.34'	10.59'	GR.	
E- 15				10.65'	11.40'	10.65'	GR.	

Profile Notes Red. ____ Plotted ____ Job No. 875719 Division No. ____ F. S. 2247 Pg. 65
No. ____ Date ____ Date ____ Survey of ZUMA BEACH CO. PARK
X-Sec. Notes Chkd. ____ Checked ____ Survey by Monkey Notes ETM Date 2-27-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

762[illegible] S & E #307—7-55

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LOT VII (Cont.) FIN GR.

STATION	B. S.	H. I.	F. S.	ELEV.	FIN GR.	SUB. GR.	Cut or Fill to Sub. GR.	
E-17				10.85'	11.60	10.85		1"x2" Stk
19				11.05'	11.80	11.05	GR.	
21				11.25'	12.00	11.25	GR.	
23				11.45'	12.20'	11.45	GR.	
25				11.65'	12.40'	11.65'	GR.	
E-27					12.60	11.85		
G-1				12.13'	12.88'	12.13'	GR.	
3				11.85'	12.60	11.85'	GR.	
5				11.57'	12.32'	11.57	GR.	
7				11.28'	12.03'	11.28'	GR.	
9				10.98'	11.73'	10.98'	GR.	
11				10.68'	11.43'	10.68'	GR.	
13				10.38'	11.13'	10.38'	GR.	
14(+10)	GR. BREAK			10.15'	10.90'	10.15'	GR.	
15				10.23'	10.98'	10.23'	GR.	
17				10.43'	11.18'	10.43'	GR.	
19				10.63'	11.38	10.63	GR.	
21				10.83'	11.58	10.83'	GR.	
23				11.03'	11.78	11.03'	GR.	
G-25				11.23'	11.98	11.23'	GR.	

F. B. 2247 Pg. 66
Job No. 8757.19 Division No. Notes Red. Plotted Profile
Survey of ZUMA BEACH CO. PARK Date Date No.
Survey by ETM Jr. Notes Monkeyville Notes Chkd. Checked X-Sec.
Indexed H. E. OTT Date Date Date No.

76298 S & E #307—7-55

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LOT VII (cont.) FIN GR.

STATION	B. S.	H. I.	F. S.	ELEV.	FIN GR.	SUB GR.	Cut or Fill to SUB GR.	
G-27				11.43'	12.18'	11.43'	GR.	1"x2" Stk
J-1				11.70'	12.45'	11.70'	GR.	
3				11.40'	12.15	11.40'	GR.	
5				11.10'	11.85'	11.10'	GR.	
7				10.81'	11.56'	10.81'	GR.	
9				10.52'	11.27'	10.52'	GR.	
11				10.23'	10.98'	10.23'	GR.	
13				9.94'	10.69'	9.94'	GR.	
14(+10')	GR. BR.	{Top C.B. Grate Gr.=EL. 10.17}		9.70'	10.45'	9.70'	GR.	
15				9.79'	10.54'	9.79'	GR.	
17				10.01'	10.76	10.01'	GR.	
19				10.21	10.96	10.21	GR.	
21				10.41'	11.16'	10.41	GR.	
23				10.61'	11.36	10.61'	GR.	
25				10.81'	11.56	10.81'	GR.	
J-27				11.01'	11.76'	11.01'	GR.	

Profile Notes Red. ____ Plotted ____ Job No. 875719 Division No. ____ F. B. 2247 Pg. 67
No. ____ Date ____ Date ____ Survey of ZUMA BEACH CO. PARK
X-Sec. Notes Chkd. ____ Checked ____ Survey by Monkey W. Notes ETMW Date 2-27-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2247 Pg. 69

Profile No. | Notes Red. | Plotted | Job No. 8757.19 | Division No.
Date | Date | Survey of ZUMA BEACH CO. PARK
X-Sec. No. | Notes Chkd. | Checked | Survey by Mankey/McGill | Notes ETM/JG | Date 2-26-62
Date | Date | Map No. | Indexed H. E. OTT | Date APR 4 '62

JN 8757.19

ZUMA BEACH CO. PARK.

FINAL GRADES

OR

LOT VIII

RED TOP SUB. GRD. STKS. (9" Sub) @ 40' Grid Stations

(See Pgs. 1145-1148 For Scheme Of Sta.)

Mankey Jn
McGill
Swann
Manley

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

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

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761-298 S & E #307—1-56

76L-2?? S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LOT VIII FIN. GRADES			
					FIN GRADE	SUB GRADE	Cut or Fill to SUB GRADE	
TBM				14.50'				
A- 1				13.01'	13.76	13.01	GR.	1"x2" Stk
3				12.85'	13.60	12.85	GR.	
5				13.19'	13.44	12.69'	C0.50	
7				12.53'	13.28	12.53'	GR.	
9				12.37	13.12	12.37'	GR.	
11				12.21'	12.96	12.21'	GR.	
13	GRADE BREAK			12.05'	12.80	12.05'	GR.	
15				12.27'	13.02'	12.27'	GR.	
17				12.49'	13.24'	12.49'	GR.	
19				12.70'	13.45	12.70'	GR.	
21				12.92'	13.67	12.92'	GR.	
23				13.00'	13.75	13.00'	GR.	
A- 25				12.87'	13.62	12.87'	GR.	
C- 1				14.40'	13.15	12.40'	C2.00'	
3				13.25'	13.00	12.25'	C1.00	
5				12.13'	12.88	12.13'	GR.	
7				12.46'	12.71	11.96'	C0.50	
9				11.81'	12.56	11.81'	GR.	
C- 11				—	12.40	11.65'	—	

F. B. 2247 Pg. 70

Job No. 8757.19 Division No. Notes Red Plotted Profile

Survey of ZUMA BEACH CO. PARK Date Date No. X-Sec.

Survey by ETM Jr. Notes Monkey Jr. Notes Chkd. Checked

Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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LOT VIII (cont.) FIN. GRADES

STATION	B. S.	H. I.	F. S.	ELEV.	FIN GRADE	SUB GRADE	Cut or Fill to SUB. GR.	
C-13	GR. BREAK			12.50	12.25	11.50	C 1.00	1"x2" Stk
-15				12.09	12.34	11.59	C 0.50	
17				12.19	12.44	11.69	C 0.50	
19				12.28	12.53	11.78	C 0.50	
21				12.38	12.63	11.88	C 0.50	
23				12.45	12.70	11.95	C 0.50	
C 25				12.20	12.95	12.20	GR.	
E 1				12.84	12.59	11.84	C 1.00	
3				11.68	12.43	11.68	GR.	
5				11.52	12.27	11.52	GR.	
7				11.36	12.11	11.36	GR.	
9				11.20	11.95	11.20	GR.	
11				11.04	11.79	11.04	GR.	
13	GR. BREAK			10.88	11.63	10.88	GR.	
15				11.50	11.75	11.00	C 0.50	
17				11.62	11.87	11.12	C 0.50	
19				11.23	11.98	11.23	GR.	
21				11.35	12.10	11.35	GR.	
23				11.47	12.22	11.47	GR.	
+E - 25				12.07	12.32	11.57	C 0.50	

Profile No. X-Sec. No. Date Notes Red Date Plotted Date Job No. 875719 Division No. Survey of ZUMA BEACH CO. PARK Survey by Monkey Notes ETM Date 2-26-62 Map No. Indexed H. E. OTT Date

F. B. 2247 Pg. 71

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	LOT VIII (Cont.) FIN GRADES			
					FIN GRADE	SUB GRADE	Cut or Fill to Sub GR.	
G-1				13.27	12.02	11.27'	C 2.00	1"x2" Stk
3				11.10'	11.85'	11.10'	GR.	
5				10.93'	11.68	10.93	GR.	
7				10.76'	11.51	10.76'	GR.	
9				11.59'	11.34'	10.59'	C 1.00'	
11				10.92'	11.17'	10.42'	C 0.50'	
13	GR. BREAK			10.25	11.00	10.25'	GR.	
15				10.90'	11.15	10.40	C 0.50'	
17				11.05'	11.30	10.55	C 0.50'	
19				10.69'	11.44'	10.69	GR.	
21				10.84'	11.59'	10.84'	GR.	
23				10.99'	11.74'	10.99'	GR.	
G-25				11.11	11.86	11.11'	GR.	
J-1				11.70	11.45	10.70'	C 1.00	1"x2" Stk
-3				10.53'	11.28'	10.53'	GR.	
-5				10.36'	11.11'	10.36	GR.	
-7				10.20'	10.95'	10.20'	GR.	
-9				11.04'	10.79'	10.04'	C 1.00'	
-11				10.88	10.63	9.88'	C 1.00'	
J-13	GR. BREAK	{C.B. GRATE EL. 10.17'}		11.20	10.45'	9.70'	C 1.50'	

F. B. 2247 Pg. 72

Job No. 8757.19 Division No. Notes Red Plotted Profile

Survey of ZUMA BEACH CO. PARK Date Date No. X-Sec.

Survey by ETM Jr. Notes Mankey Jr. Notes Chkd Checked No.

Indexed H. E. OTT Date Date Date

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LOT VIII (cont.) FIN. GRADES			
					FIN GR.	SUB GR.	Cut or Fill to SUB GR.	
J-15				11.38	10.63'	9.88	C 1.50	1"x2" Stk
-17				10.54'	10.79'	10.04	C 0.50'	
-19				10.70'	10.95'	10.20	C 0.50'	
-21				10.86'	11.11'	10.36	C 0.50'	
-23				10.52'	11.27'	10.52	GR.	
J-25				10.15'	11.40'	10.65	F 0.50'	
TBM				14.49'				

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8757.19 Division No. ____ F. B. 2247 Pg. 73
X-Sec. No. ____ Date ____ Date ____ Survey of ZUMA BEACH CO. PARK
Notes Chkd. ____ Checked ____ Survey by Monkey Notes [illegible] Date 2-26-62
Date ____ Date ____ Map No. ____ Indexed ____ Date ____
H. I. OTT

Profile No. | Notes Red | Plotted | Job No. 8757.19 | Division No. 11 | F.B. 2247 Pg. 75
Date | Date | Survey of ZUMA BEACH
X-Sec. No. | Notes Chkd. | Checked | Survey by Hellstrom | Notes D.L.B. Date 2-21-62
Date | Date | Map No. | Indexed H. E. OTT Date JUN 4 62

J.N. 8757.19
ZUMA BEACH
PHASE #2
LOT #9 — FINISHED GRADES

RED TOP SUB. GRD. STKS. (9" = Sub) @ 40' Grid Stations.
(See Pgs. 145-148 For Scheme Of Sta.)

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

A.N. Hellstrom
D.L. Burkholder
L.W. Jones
R.J. Rodriguez
G.P. Alwin

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STATION	B.S.	H.I.	F.S.	ELEV				
	PARKING LOT #9 — FINISHED GRDS.							
T.B.M.				13.72	Elev. 13.72 - F.B. 2247-52 - Boat Spk. In Ld. In S.W. COR. 4'X6' Conc. Drain Box @ Sta. 451+50± State Hwy.			
					SUB. GR = 9"	FIN. GRD	C/F.	
C-1				10.95	10.95	11.70	Gr.	
3				10.42	10.42	11.17	Gr.	
5				10.29	10.29	11.04	Gr.	
7				10.13	10.13	10.88	Gr.	
9				9.97	9.97	10.72	Gr.	
11				9.81	9.81	10.56	Gr.	
13				9.75	9.75	10.50	Gr.	
15				9.94	9.94	10.69	Gr.	
17				10.13	10.13	10.88	Gr.	
19				10.32	10.32	11.07	Gr.	
21				10.50	10.50	11.25	Gr.	
23				10.69	10.69	11.44	Gr.	
25				10.88	10.88	11.63	Gr.	
27				11.25	11.25	12.00	Gr	
28				11.30	11.30	12.05	Gr.	

F.B. 2247 Pg. 76 Job No. 8757.19 Division No. 11 Notes Red Plotted Profile
Survey of ZUMA BEACH Date 2-21-62 Date No. X-Sec.
Survey by A.N.H. Notes DJB Notes Chkd. Checked No.
Indexed H.F. OTT Date Date Date

76L-298 CE 307 11-58

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STATION	B. S.	H. I.	F. S.	ELEV.			
					Sub Grade 9"	Fin. Pvmt Grade	Cbr F
D/E - 1				10.31	10.31	11.06	Gr.
3				10.14	10.14	10.89	Gr.
5				9.98	9.98	10.73	Gr.
7				9.81	9.81	10.56	Gr.
9				9.66	9.66	10.41	Gr.
11				9.49	9.49	10.24	Gr.
13				9.43	9.43	10.18	Gr.
15				9.62	9.62	10.37	Gr.
17				9.81	9.81	10.56	Gr.
19				10.00	10.00	10.75	Gr.
21				10.19	10.19	10.94	Gr.
23				10.38	10.38	11.13	Gr.
25				10.57	10.57	11.32	Gr.
27				10.75	10.75	11.50	Gr.
28				10.82	10.82	11.57	Gr.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8757.19 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of Zuma Beach
Notes Chkd. ____ Checked ____ Survey by Hellstrom Notes D.L.B. Date 2-21-62
Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2247 Pg. 97

76L-298 CE 307 11-58

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F.B. 22417 Pg. 78 | Job No. 8752.19 | Division No. 11 | Notes Red ____ Date ____ | Notes Chkd. ____ Date ____ | Plotted ____ Date ____ | Profile No. ____ | X-Sec. No. ____

Survey of ZUMA BEACH
Survey by Hellstrom Notes Dec 28
Indexed H.E. Off Date

STATION	B. S.	H. I.	F S.	ELEV	Sub 9" Grade	Fin Pvmt. Grade	C or F
F- 1				10.01	10.01	10.76	Gr.
3				9.85	9.85	10.60	Gr.
5				9.69	9.69	10.44	Gr.
7				9.53	9.53	10.28	Gr.
9				9.37	9.37	10.12	Gr.
11				9.21	9.21	9.96	Gr.
13				9.15	9.15	9.90	Gr.
15				9.34	9.34	10.09	Gr.
17				9.53	9.53	10.28	Gr.
19				9.71	9.71	10.46	Gr.
21				9.90	9.90	10.65	Gr.
23				10.09	10.09	10.84	Gr.
25				10.28	10.28	11.03	Gr.
27				10.47	10.47	11.22	Gr.
28				10.52	10.52	11.27	Gr.
T.B.M.				11.30	S. Side Boat Spk. in P.P. with No Number State Hwy Sta. 455+30±		

Profile No. _____ X-Sec. No. _____
Notes Red _____ Date _____ Notes Chkd. _____ Date _____
Plotted _____ Date _____ Checked _____ Date _____
Job No. 8757.19 Division No. 11
Survey of ZUMA BEACH PARK
Survey by A.N.H Notes D.P. Date 2-6-62
Map No. _____ Indexed H. E. Date JUN 4 '62
F.B. 2247 Pg. 79

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

J.N 8757.19

ZUMA BEACH PARK

PHASE II

Lot #10 Finished Grades

Rec. Top Sub Grd. Stks. (9" Sub) @ 40' Grid Stations

Hellstrom
Burkholder
Jones
Rodriguez
Alwin

(See Pgs. 145-148 For Scheme Of Sta.)

76L-298 CE 307 11-58

76L-296 CE 307 11-58

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STATION	B. S.	H. I.	F S.	ELEV				
T.B.M.				12.29	Elev. 12.29, F.B. 2247-52 Sta. 447+00t S.E. Cor. Comfort Sta. TBM, Between Lots 9&10, L&T in Conc. Slab (S.E. Cor)			
				Elev.	Fin. Pam't Grade	Sub 9" Grade	C or F	
B-1					11.42	10.67		
B-3					11.39	10.64		
B-5					11.56	10.81		
B-7					11.74	10.99		
B-9					11.91	11.16		
B-11					12.09	11.34		
B-13					12.26	11.51		
B-15					12.44	11.69		
B-17					12.61	11.86		
B-19					12.79	12.04		
B-21					12.97	12.22		
B-23					13.16	12.41		
B-24					13.22	12.47		

F.B. 2247 Pg. 80 Job No. 8757.19 Division No. 11 Notes Red Date 2-6-62 Plotted Date No. Profile
Survey of ZUMA BEACH PARK Notes Chkd. Checked Date No. X-Sec.
Survey by A.N.H. Notes DJB Date
Indexed H. E. OTT. Date

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	Fin. Pavmt Grade	Sub Grade 9"	C or F
D-1	Cor. Park. Lot			9 85	10.60	9.85	Gr.
D-3				9 79	10.54	9.79	Gr.
D-5				9 94	10.69	9.94	Gr.
D-7				10 09	10.84	10.09	Gr.
D-9				10 24	10.99	10.24	Gr.
D-11				10 40	11.15	10.40	Gr.
D-13				10 55	11.30	10.55	Gr.
D-15				10 70	11.45	10.70	Gr.
D-17				10 85	11.60	10.85	Gr.
D-19				11 00	11.75	11.00	Gr.
D-21				11 16	11.91	11.16	Gr.
D-23				11 31	12.06	11.31	Gr.
D-24	Cor. Park. Lot.			11 35	12.10	11.35	Gr.
T.B.M				15 07	T.B.M. Elev. = 15.07, FB 2247-52, Sta. 441+75± @ Park P/L. Bt. Spk in Ld in S.W. Cor. 4'x6' Conc. drain box.		

Profile Notes Red ____ Plotted ____ Job No. 8757.19 Division No. 11 F.B. 2247 Pg. 81
No. ____ Date ____ Date ____ Survey of ZUMA BEACH PARK
X-Sec. Notes Chkd. ____ Checked ____ Survey by A.N.H. Notes DB Date 2-6-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8757.19 Division No. 11 | F.B. 2247 Pg. 83

X-Sec. No. ____ Date ____ Date ____ Survey of ZUMA BEACH

Notes Chkd. ____ Checked ____ Survey by A.N.H Notes D283 Date 2-5-62

Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date JUN 4 '62

J.N. 8757.19

ZUMA BEACH COUNTY PARK

(PHASE-2)

LOT #11 - FINISHED GRADES

RED TOP SUB GRD. STKS. (SUB=9") @ 40' Grid Stations.

(See Pgs. 145-148 For Scheme Of Sta.)

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

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F.B. 2247 Pg. 84 | Job No. 8757.19 | Division No. 11 | Notes Red | Plotted | Profile
Survey of ZUMA BEACH | Date 2-5-62 | Date | No. | X-Sec.
Survey by A.N.H. | Notes S.S.B. | Notes Chkd. | Checked | No.
Indexed H.E. OTT | Date | Date | Date

STATION	B.S.	H.I.	F.S.	ELEV			
T.B.M.				15 07	Elev. = 15.07, FB 2247-52, @ Sta 441+75± @ Prop Line T.B.M. Bi Std & Ld in S.W. cor. 4x6 Conc. Drain box		
					FIN GRD	SUB GR.	C/F
C-1				12 25	13.00	12.25	Gr.
C-3				12 10	12.85	12.10	Gr.
C-5				12 26	13.01	12.26	Gr.
C-7				12 44	13.19	12.44	Gr.
C-9				12 63	13.38	12.63	Gr.
C-11				12 81	13.56	12.81	Gr.
C-13				12 99	13.74	12.99	Gr.
C-15				13 09	13.84	13.09	Gr.
C-17				12 90	13.65	12.90	Gr.
C-19				12 71	13.46	12.71	Gr.
C-21				12 52	13.27	12.52	Gr.
C-23				12 34	13.09	12.34	Gr.
C-25				12 13	12.88	12.13	Gr.
C-27				12 05	12.80	12.05	Gr.
E-1				10 68	11.43	10.68	Gr.
E-3				10 85	11.60	10.85	Gr.

76L-298 CE 307 11-58

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X-Sec. No. _____ Date _____ Date _____ Survey of ZUMA BEACH
Notes Chkd. _____ Checked _____ Survey by A.H.H. Notes Date 2-5-62
Date _____ Date _____ Map No. _____ Indexed H.F. Date _____

F.B. 2247 Pg. 65

STATION	B. S.	H. I.	F. S.	ELEV.	Fin Pvmt Grade	Sub 9" Grade	C or F.
E-5				11 02	11.77	11.02	Gr.
E-7				11 19	11.94	11.19	Gr.
E-9				11 35	12.10	11.35	Gr.
E-11				11 53	12.28	11.53	Gr.
E-13				11 70	12.45	11.70	Gr.
E-15				11 68	12.43	11.68	Gr.
E-17				11 53	12.28	11.53	Gr.
E-19				11 38	12.13	11.38	Gr.
E-21				11 23	11.98	11.23	Gr.
E-23				11 07	11.82	11.07	Gr.
E-25				10 92	11.67	10.92	Gr.
E-27				10 77	11.52	10.77	Gr.
F-(13+11)	Cor.			11 37	12.12	11.37	Gr.
F-15				11 23	11.98	11.23	Gr.
F-17				11 05	11.80	11.05	Gr.
F-19				10 87	11.62	10.87	Gr.
F-21				10 70	11.45	10.70	Gr.
F-23				10 52	11.27	10.52	Gr.
F-25				10 35	11.10	10.35	Gr.

F.B. 2247 Pg. 86 Job No. 8757.19 Division No. 11 Notes Red ____ Plotted ____ Profile

Survey of ZUMA BEACH Date 2-5-62 Date ____ No. ____

Survey by A.N.H. Notes D.S.B. Notes Chkd. ____ Checked ____ X-Sec.

Indexed H. E. OTT Date ____ Date ____ Date ____ No. ____

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV	Fin. Pvmt Grade	Sub 9" Grade	C or F
F-27				10.17	10.92	10.17	Gr.
T.B.M.				15.62	T.B.M.		

Elev. = 15.62 FB-2247-52 Sta 437+00± @ Prop Line
Bt. Spk & Ld. in S.E. Con 4'x6' Conc. drain box.

F. B. 2247 Pg. 87

Profile No. | Notes Red. | Plotted | Job No. 8757.19 | Division No.
Date | Date | Survey of ZUMA BEACH CO. PARK PHASE II
X-Sec. No. | Notes Chkd. | Checked | Survey by Mankey/Mc | Notes ETM | Date 2-1-62
Date | Date | Map No. | Indexed H. E. OTT | Date JUN 4 '62

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

JN 8757.19

ZUMA BEACH COUNTY PARK

PHASE II

LOT #12 FINISHED GRADES

Rim Top Sub Grd. Stks. (9"=Sub) @ 40' Grid Stations

See Pg. 145-148 For Scheme Of Sta.

Mankey Jr.
McCall
Swann
Manley

76298 S & E #307—7-55

X

76298 S & E #307—7-55

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F. B. 2247 Pg. 88 | Job No 8757.19 Division No. | Notes Red. | Plotted | No. | Profile
Survey of ZUMA BEACH CO. PARK | Date | Date | No. | X-Sec.
Survey by Mankey Jr. Notes 4 TEM E/T | Notes Chkd. | Checked | No.
Indexed H.E. OTT | Date | Date | Date

LOT #12 FINISH GRADES

STATION	B. S.	H. I.	F. S.	ELEV.	TBM EL 13.36' FIN GRADE	SUB GRADE	CUT or FILL to SUB. GRADE	
TBM				13.36				
A-1				11.35'	12.10'	11.35'	GR.	1"x2" Stk
3				11.22'	11.97'	11.22'	GR.	
5				11.12'	11.87'	11.12'	GR.	
7				10.98'	11.73'	10.98'	GR.	
9				10.86'	11.61'	10.86'	GR.	
10	GR. Break			10.80'	11.55'	10.80'	GR.	
11				10.84'	11.59'	10.84'	GR.	
13				10.93'	11.68'	10.93'	GR.	
15				11.02'	11.77'	11.02'	GR.	
17				11.14'	11.89'	11.14'	GR.	
19				11.31'	12.06	11.31'	GR.	
21				11.45'	12.20'	11.45'	GR.	
23	GR Break			11.60'	12.35'	11.60	GR.	
25				11.43'	12.18'	11.43	GR.	
27				11.25'	12.00'	11.25	GR.	
29				11.08'	11.83'	11.08'	GR.	
31				10.91'	11.66	10.91'	GR.	
A-33				10.73'	11.48	10.73	GR.	
A-34(+11')	N.E. COR. LOT #12			10.60'	11.35	10.60'	GR.	

76298 S & E #307—7-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Profile Notes Red. Plotted. Job No 8752 Division No.
No. Date. Date. Survey of ZUMA BEACH CO. PARK
X-Sec. Notes Chkd. Checked. Survey by MANKEY Notes Compiled Date 2-1-62
No. Date. Date. Map No. Indexed H. E. 01 Date.

F. B. 2247 Pg. 89

LOT # 12 FIN. GR. (Cont.)

STATION	B. S.	H. I.	F. S.	ELEV.	FIN GR.	SUB GRADE	Cut or Fill to SUB GR.	
C- 1				11.01'	11.76	11.01'	GR.	1x2" Stk
3				10.89'	11.64	10.89'	GR.	
5				10.74'	11.49	10.74'	GR.	
7				10.60'	11.35	10.60	GR.	
9				10.45'	11.20'	10.45	GR.	
10	GR. BREAK			10.36'	11.11'	10.36'	GR.	
11				10.43'	11.18'	10.43'	GR.	
13				10.58'	11.33	10.58'	GR.	
15				10.70'	11.45	10.70'	GR.	
17				10.86'	11.61	10.86	GR.	
19				11.03'	11.78	11.03'	GR.	
21				11.18'	11.93'	11.18	GR.	
23	GR. BREAK			11.33	12.08	11.33'	GR.	
25				11.16'	11.91'	11.16'	GR	
27				10.98'	11.73	10.98	GR.	
29				10.81'	11.56	10.81'	GR.	
31				10.62'	11.37'	10.62'	GR.	
33				10.46'	11.21'	10.46'	GR.	
C- 34				10.36'	11.11'	10.36'	GR.	

×

76298 S & E #307—7-55

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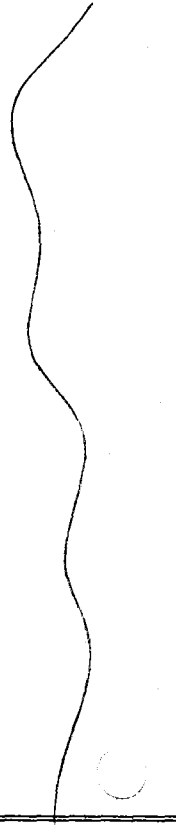
F. B. 2247 Pg. 90 | Job No. 8752.9 Division No. | Notes Red. | Plotted | No.
Survey of Zuma Beach Co. Park | Date | Date | X-Sec.
Survey by Monkey Jr. Notes KTM Jr. | Notes Chkd. | Checked
Indexed H. E. Ott | Date | Date | No.
Profile

LOT #12 FIN GR (Cont.)

STATION	B. S.	H. I.	F. S.	ELEV.	FIN. GR.	SUB GR.	CUT or FILL to SUB. GR.	
E-1				10.74	11.49	10.74	GR.	1"x2" Stk
-3				10.59	11.34	10.59	GR.	
-5				10.43	11.18	10.43	GR.	
7				10.27	11.02	10.27	GR.	
9				10.11	10.86	10.11	GR.	
10	GR. BREAK			10.01	10.76	10.01	GR.	
11				10.09	10.84	10.09	GR.	
13				10.26	11.01	10.26	GR.	
15				10.42	11.17	10.42	GR.	
17				10.58	11.33	10.58	GR.	
19				10.75	11.50	10.75	GR.	
21				10.90	11.65	10.90	GR.	
23	GR. BREAK			11.06	11.81	11.06	GR.	
25				10.89	11.64	10.89	GR.	
27				10.72	11.47	10.72	GR.	
29				10.52	11.27	10.52	GR.	
31				10.36	11.11	10.36	GR.	
33				10.19	10.94	10.19	GR.	
E 34				10.09	10.84	10.09	GR	



76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	LOT #12 FIN. GR. (Cont.) FIN GR.	SUB GR.	Cut or Fill to SUB GR.	
G-1	S.E. COR LOT #12			10.47'	11.22	10.47	GR.	1"x2" Stk
-3				10.34	11.09	10.34	GR.	
-5				10.18'	10.93'	10.18'	GR.	
-7				10.02'	10.77'	10.02'	GR.	
-9				9.86'	10.61'	9.86'	GR.	
10	GR. BREAK at CATCH BASIN			10.42	10.17'	9.42'	C 1.00'	
-11				9.83	10.58'	9.83	GR.	
13				9.99'	10.74	9.99'	GR.	
15				10.15'	10.90	10.15	GR.	
17				10.31'	11.06	10.31	GR.	
19				10.47	11.22'	10.47'	GR.	
21				10.63'	11.38'	10.63'	GR.	
23	GR. BREAK			10.80'	11.55'	10.80'	GR.	
25				10.63'	11.38'	10.63	GR.	
27				10.45'	11.20	10.45	GR.	
29				10.27'	11.02'	10.27	GR.	
31				10.09'	10.84'	10.09	GR.	
33				9.92'	10.67'	9.92'	GR.	
G-35	S.W. COR LOT #12 & CATCH BASIN			10.42	10.17'	9.42'	C 1.00'	
* TBM				13.51'	TBM	EL 13.52'		

Profile Notes Red. ____ Plotted ____ Job No. 8757.19 Division No. ____ F. B. 2247 Pg. 91
No. ____ Date ____ Date ____ Survey of ZUMA BEACH CO. PARK
X-Sec. Notes Chkd. ____ Checked ____ Survey by Mankey Notes ETM Date 2-1-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F. B. 2247 Pg. 93

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 8757.19 Division No. ____

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of ZUMA BEACH CO. PARK PH. II

Survey by Monkey Jr. Notes McCall Date 1-11-62 Map No. ____ Indexed H. E. OTT Date JUN 4 '62

JN 8757.19

ZUMA BEACH CO. PARK PHASE II

STORM DRAIN

EXTENSIONS UNDER PROPOSED PARKING LOTS

EXISTING LINES PRODUCED

UNDER LOT:	IX	STA	451+82
" "	IX (-20')	STA.	448+57
" "	X	STA.	446+24
" "	XI	STA	437+12
" "	XII	STA	433+10
" "	XII	STA	431+00

Monkey Jr.
McCall
Swann
Manley

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

761-293 S & E #307—1-56

76L-298 S & E #307—1-56

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STATION	B. S.	H. I.	F. S.	ELEV.	S.D. EXTENSIONS		
				13.72			
		24" R.C.P. S.D. EXTENSION at STA 451+82					
					GRADE	CUT	
0+00				7.91'	4.00	< 3.91'	S&T 6' LT & N.W. Pipe ℄
+25				7.04'	4.12	< 2.92	
+50				6.36	4.25	< 2.11	
+75				6.16	+0.50% 4.37'	< 1.79	
1+00	INVERT on EXIST. 24" R.C.P.			4.50	4.50	0.0'	
				13.72			
		24" R.C.P. S.D. EXTENSION at STA. 448+57					
				12.29	GRADE	CUT	
0+00				8.26	5.47	2.79'	S&T 6' LT & N.W.
+25				8.51	5.59'	2.92'	
+50				7.26	+0.50% 5.72'	1.54'	
+75				7.17'	5.84	1.33'	
1+00	INVERT on EXIST 24" R.C.P.			5.97	5.97'	0.0	
				12.29			
		24" RCP S.D. EXTENSION at Sta 446+24					
				12.29	Grade	CUT	
0+00				8.16	6.68	C 1.48	S&T 6' LT. & N.W. Pipe ℄
+25				8.82'	+1.0% 6.93	C 1.89	
+50				8.64'	7.18	C 1.46	

F. B. 2247 Pg. 94

Job No. 8152.19 Division No. Notes Red. Plotted Profile

Survey of ZUMA BEACH CO. PARK Date Date No. X-Sec.

Survey by ETM Jr. Notes Mowkey Jr. Notes Chkd. Checked

Indexed H. E. OTT Date Date Date No.

76L-298 S & E #307—1-56

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7.85
1.34
6.50

Profile Notes Red. Plotted. Job No. 4757-2 Division No.
No. X-Sec. Date. Date. Survey of ZUMA BEACH CO. PARK
Notes Chkd. Checked. Survey by Hartzell Notes by ETS Date 1/12/62
No. Date. Date. Map No. Indexed H. E. Ott Date.

F. B. 2247 Pg. 95

STATION	B. S.	H. I.	F. S.	ELEV.	S.D. EXTENSIONS (cont'd)
					24" R.C.P. S.D. EXTENSION @ STA. 486+24 (cont'd)
					Grade / Cut
+75				8.44'	7.43 C 1.01' S & T 6' LT. & N.W. Pipe ℄
0+81	INV. EXIST 24" RCP			7.49	7.49 0.0
				12.29'	
					24" R.C.P. S.D. EXTENSION @ STA 487+12
				15.07	
					% GRADE CUT OR FILL
0 — 00				7.35'	2.25% 7.60 F 0.25 S & T 6' LT. & N.W. Pipe ℄
+25				8.50'	8.16 C 0.34
+50				9.46'	8.72 C 0.68
0+76	INV EXIST 24" RCP SD			9.30'	9.30' 0.0
				15.07	
					24" R.C.P. S.D. EXTENSION @ STA 433+10
				14.85	
					% GRADE CUT
0+00				7.63'	7.46 C 0.17 S & T 6' LT. & N.W.
+25				7.96'	7.61 C 0.35
+50				8.21'	7.76 C 0.45
+75				8.09'	0.60% 7.91' C 0.18
1 — 00				8.70'	8.06 C 0.64
+ +12	INV. EXIST 24" RCP			8.13	8.13 Gr.

76L-298 S & E #307—1-56

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F. B. 2247 Pg. 96 | Job No. 17519 Division No. | Notes Red | Plotted | Profile
Survey of ZUMA BEACH COUNTY PARK | Date | Date | No.
Survey by [illegible] Notes [illegible] | Notes Chkd. | Checked | X-Sec.
Indexed H.E. Ott | Date | Date | No.

STATION	B. S.	H. I.	F. S.	ELEV.	S.D. EXTENSIONS			
		24" R.C.P. S.D. EXTENSION at Sta 431+00						
				14.85				
					%	GRADE	CUT	
0+00				7.21	1.0%	6.66'	C 0.55	S & T 6' Lt. & Rt.
+20				7.17		6.78'	C 0.39	
+50				8.85		6.96'	C 1.89	
+75				9.24	0.60%	7.11'	C 2.13	
1+00				9.53		7.26'	C 2.27	
1+04						7.28'		
				14.85				

8757.19

F.B. 2247 Pg. 97

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

X-Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of ZUMA BEACH

Survey by Hellstrom Notes 26 B Date 2-22-62

Map No. ____ Indexed H. E. OTT Date JUL 1962

J.N. 8757.19

ZUMA BEACH

PARKING LOT #12

FINISHED GRADES FOR TOP OF CURBS

(See Pgs. 145-148 - For Scheme Of Sta.)

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

A.N. Hellstrom
D.L. Burkholder
L.W. Jones
R.J. Rodriguez
G.P. Alwin

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76L-298 CE 307 11-58

76L-298 CE 307 11-58

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LOT #12

F.B. 2247 Pg. 98 | Job No. 8757.19 | Division No. 11 | Notes Red | Plotted | Profile
Survey of ZUMA BCH | Date | No.
Survey by Hellstrom Notes D.L.B. | Date | Notes Chkd. | Checked | X-Sec.
Indexed H.E. OTT | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV			
					Top Curb Fin. Gr.	C/F	
T.B.M.				13 36	T.B.M. - Boat Spk. in Ld. in S.W. cor. 4'X6' Conc Dr. Box - F.B. 2247-52		
4 Pt. = A-1 (-) 4.9				12 40	12.61	F-0 21	
A-1				11 94	12.60	F-0 66	1X2 N&T - 2 5 OFFSET
3				11 63	12.47	F-0 84	
5				12 10	12.37	F-0 27	
7				11 69	12.23	F-0 54	
9				12 03	12.11	F-0 08	
11				11 80	12.09	F-0 29	
13				11 84	12.18	F-0 34	
15				11 60	12.27	F-0 67	
17				12 41	12.39	C-0 02	
19				12 16	12.56	F-0 40	
21	⊙			12 09	12.70	F-0 61	
23				11 97 brk	12.85	F-0 88	
25				11 49	12.68	F-1 19	
27				11 75	12.50	F-0 25	
29				13 41	12.33	C-1 08	

NORTH CURB - LOT #12 ALONG STATE HWY

76L-298 CE 307 11-58

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LOT #12

Profile Notes Red ____ Plotted ____ Job No. 8757.19 Division No. 11
No. ____ Date ____ Date ____ Survey of ZUMA BEACH
X-Sec. Notes Chkd. ____ Checked ____ Survey by Hellstrom Notes 24 Pgs. Date 3-5-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

F.B. 22447 Pg. 59

STATION	B.S.	H.I.	F.S.	ELEV.			
					Top Curb Fin. Grd.	C/F	North Side Lot #12
A-31				12 10	12.16	F-0 06	1X2N & T2S OFF
-33				11 88	11.98	F-0 10	
A-34 + 15.81 = Cor.				12 79	11.85	C-0 94	
T.B.M.				13 52	T.B.M. - Boat Spk. In Ld. In Conc. Base Of West Gate Post		
					Top Curb Fin Gr.	C/F	
T.B.M.				13 36	Elev. 13.36 TBM, FB. 22447-52		Sta. 431+00 @ Park P/L
G-1	4 Pt			10 45	11.72	F-1 27	1X2N&T South Side Lot #12
-3				10 28	11.59	F-1 31	
5				10 19	11.43	F-1 24	
7				10 15	11.27	F-1 12	3' OFFSET
9				10 08	11.11	F-1 03	
10	℄ C.B.			9 94	11.00	F-1 06	
11				9 83	11.08	F-1 25	

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

LOT #12

STATION	B.S.	H.I.	F.S.	ELEV	Top Curb Fin. Grd.	C/F	
G-13				9 94	11.24	F-1 30	1X2 N&T. 3' OFF.
15	⊙			10 17	11.40	F-1 23	
17				10 23	11.56	F-1 33	
19				10 49	11.72	F-1 23	
21				10 61	11.88	F-1 27	
23				10 72	12.05	F-1 33	
25				10 42	11.88	F-1 46	
27				10 48	11.70	F-1 22	
29				10 30	11.52	F-1 22	
31				10 08	11.34	F-1 26	
33				9 97	11.17	F-1 20	
∡ Pt.				11.01	11.01	Gr.	
T.B.M.				13 52	Spk. In Conc. Base W. Gate Post		

South Side Lot 12

F.B. 2247 Pg. 100 Job No. 8757.19 Division No. 11 Notes Red Plotted Profile
Survey of ZUMA BCH Date Date No. X-Sec.
Survey by Hallstrom Notes D.L.B. Notes Chkd. Checked
Indexed H. E. Ott Date Date No.

76L-298 CE 307 11-58

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Profile Notes Red ____ Plotted ____ Job No. 8757.19 Division No. 11
No. ____ Date ____ Date ____ Survey of ZUMA BEACH
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by A.W.H. Notes Rec'd. Date 2-26-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H.E.O. Date ____

F.B. 2247 Pg. 103

CURB GRADES West End Lot #12

STATION	B.S.	H.I.	F.S.	ELEV.	Fin. Gr. Top Curb	C or F				
1 P.C.C.	R=2°			11 51	11.82	F-0 31	Stk @	T 2° off Curb		R=37°
2		(Radius = 37°)		11 94	11.79	C-0 15		✓	✓	✓
3				11 30	11.75	F-0 45		✓	✓	✓
4 P.C.C.	R=5°			11 07	11.72	F-0 65		✓	✓	✓
1 P.C.C.	R=5° (So. End)			10 60	11.25	F-0 65	Stk @	T 3° off Curb		R=23°
2				10 78	11.50	F-0 72		✓	✓	✓
3		(Radius = 23°)		10 94	11.75	F-0 81		✓	✓	✓
4	GRD. BRK.			10 89	11.85	F-0 96		✓	✓	✓
5				10 87	11.75	F-0 88		✓	✓	✓
6 P.C.C.	R=5° (No End)			10 71	11.68	F-0 97		✓	✓	✓

76L-298 CE 307 11-58

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.			LOT #12- E. End
LOT #12- E. END - 77.9 R & 53' R.							
T.B.M.				13 99	T.B.M.- Elev. 13.99 - F.B. 2247-52 Fin. Grd. Top Curb	C or F	Bt. Spk. In Ld. An Conc. Box @ Sta. 433+03± Stat
				Act.			
∡ Pt. E. End So. Curb = G-#1				11 69	11.72		1X2 N&T. 3' OFF.
B.C. - 5' R				10 86	11.86	F-1.00	
E.C. - 5' R				10 83	11.88	F-1.05	
Δ-#1 - 77.9 R				10 90	11.97	F-1.07	
Δ-#2 "				10 75	12.06	F-1.31	
Δ-#3 "				10 95	12.15	F-1.20	
Δ-#4 " = P.R.C. - 77.9 R To 53' R				10 95	12.25	F-1.30	
Δ-#1 - 53' R				11 17	12.35	F-1.18	
Δ-#2 - " "				11 43	12.45	F-1.02	
				Act.			
Δ-#3 = P.C.C.				12 55	12.55		

Profile Notes Red ____ Plotted ____ Job No. 8757.19 Division No. 11 F.B. 2247 Pg. 101
No. ____ Date ____ Date ____ Survey of ZUMA BEACH
X-Sec. Notes Chkd. ____ Checked ____ Survey by Hellstrom Notes D.L.B. Date 3-6-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76L-298 CE 307 11-58

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV				
W. END LOT #12 - TOP CURB - 3' OFF - RAD. = 57.0 Curb Ln								
T.B.M.				13 52	T.B.M. - El. 13.52 { F.B. 2247-52 - Sta. 427+00± - Bt. Spk. in Ld. In Conc. Base of W. Gate Post.			
					Fin Gr. Tp. Crb	Fin. Pvmt.	C/F	
1	B.C. pr. wrk. sht.			9 86	11.14		F-1.28	Stk. & T. 3' OFF (R=57')
2		(20°)		10 36	11.53		F-1.17	
3	(R = 57.0)	(40°)		10 50	11.92		F-1.42	
4		(60°)		10 95	12.31		F-1.36	
5		(80°)		11 38	12.70		F-1.32	
	Grd. Brk.							
6		(90°)		11 67	12.88		F-1.21	
7		(100°)		11 90	13.17		F-1.27	
8		(120°)		12 06	13.75		F-1.69	
9	End. Conc. Crb.	(140°)		13 78	14.33		F-0.55	
10				15 14		14.41	C-0.73	
11	E.C. (EXIST. PVT.)			14 90		14.90	GR.	
1	P.C.C. R = 2.0			11 51	12.10		F-0.59	Stk & T - 2' OFF R=43'
2				11 97	12.77		F-0.80	
3	R = 43.0			12 17	13.45		F-1.28	
4				12 01	14.12		F-2.11	
5	End of Curb			11 55	14.80		F-3.25	

F.B. 2247 Pg. 102

Job No. 8757.19 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of ZUMA BEACH Date ____ Date ____ No. ____

Survey by Hellstrom Notes D.L.B. Notes Chkd. ____ Checked ____ X-Sec. ____

Indexed H. E. OTT Date ____ Date ____ No. ____

76L-296 CE 307 11-58

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Do not extend notes this side of this line. LOT "11

Profile No. ____ Notes Red ____ Plotted ____ Job No. 875219 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of ZUMA BEACH
Notes Chkd. ____ Checked ____ Survey by Hellstrom Notes BR Date 3-5-62
Date ____ Date ____ Map No. ____ Indexed H.E. Ch. Date ____

F.B. 22447 Pg. 109

STATION	B.S.	H.I.	F.S.	ELEV.	Fin. Curb Grade	C or F	Fin Curb Grade	C or F	
									℄ ISLAND LOT "11
C-9-B				12 87	14.38	F-1 51			
" C				12 87	13.88	F-1 01			
C-11-B				13 04	14.56	F-1 52			
" C				13 04	14.06	F-1 02			
C-13 B				13 10	14.74	F-1 64			
" C				13 10	14.24	F-1 14			
C-15-B	⊙			13 04	14.84	F-1 80			15-6' = Grd Bk 14.40 (14.35)
" C				13 04	14.34	F-1 30			
C-17-B				13 02	14.65	F-1 63			
" C				13 02	14.15	F-1 13			
C-19-B				12 80	14.46	F-1 66			
" C				12 80	13.96	F-1 16			
C 21 B				12 63	14.27	F-1 64			
" C				12 63	13.77	F-1 14			

76L-298 CE 307 11-58

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Do not extend notes this side of this line.

Lot "I"

F.B. 22247 Pg. 110 | Job No. 8757.19 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Zuma Beach | Date | Date | No.
Survey by Hollstrom, Notes R.L.B. | Notes Chkd. | Checked | X-Sec.
Indexed H.E. Ott | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV	Fin. Curb Grade	C or F	Fin. Curb Grade	C or F
C-23-B.				12.54	14.09	F-1.55		
" C				12.54	13.59	F-1.05		
C-25-B				12.35	13.90	F-1.55		
" C				12.35	13.40	F-1.05		
C-25+ = 4 Pt				12.31	13.38	F-1.07		
B-25+ = B.C. 12'R				12.28	13.85	F-1.57		
E.C. - 12' Rad.				12.02	13.36	F-1.34		
B.C. - 5' R				11.95	12.87	F-0.92		
E.C. 5'				11.96	12.93	F-0.97		
4 Pt W. Sta				12.12	13.20	F-1.08		
4 Pt N. Sta				12.14	13.20	F-1.06		
T.B.M.				15.62	T.B.M.			

& ISLAND LOT "I"

76L-298 CE 307 11-58

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

Do not extend notes this side of this line. Lot "11 - E. End — Lot "10 W. End.

Profile Notes Red ____ Plotted ____ Job No. 8757.19 Division No. 11
No. X-Sec. Date ____ Date ____ Survey of Zuma Beach
No. ____ Notes Chkd. ____ Checked ____ Survey by Hellstrom Notes by R.L.B. Date Mar. 1962
Date ____ Date ____ Map No. ____ Indexed H. E. Ott Date ____

F.B. 2247 Pg. 111

STATION	B.S.	H.I.	F.S.	ELEV.	Lot "10 - W. End.		
Lot "11 - E. End — Lot "10 W. End.							
T.B.M.				15.07	T.B.M. Fin Grd Top Curb		
E-1 - Lot "11 Cor. Exist. E. End				11.89	11.93	✓	1X2 N&T - 3' OFF
D-1				13.25	12.53	C-0.72	
B.C. - 12' R - E. End Going To Lot "10				12.21	13.18	F-0.97	
E.C. - 12' R - E. End " " "				13.20	13.79	F-0.59	
Lot "10 W. End.							
EC - 5' R				13.93	13.74	C-0.19	1X2 N&T.
B.C - 5' R				13.39	13.33	C-0.06	
C-24				12.38	13.08	F-0.70	
D-24 = Exist Cor.				12.60	12.60	✓	

76L-296 CE 307 11-58

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

Do not extend notes this side of this line. Lot "10 - End South Curb Between Lot 10 & 9

F.B. 2247 Pg. 112 | Job No. 875,19 | Division No. 11 | Notes Red | Plotted | Profile
Survey of ZUMA BEACH | Date | Date | No.
Survey by Hallstrom Notes D.L.B. | Date | Notes Chkd. | Checked | X-Sec.
Indexed [illegible] | Date | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV			
T.B.M.				12.29	Fin Grade Top Curb	C/F.	
D-1 - Existl. Corn. E End Lot "10				11.10	11.10	Gr.	3'OFF IX2 NAT.
C-1 - Lot "10				11.13	11.40	F-0.27	
B.C. -5'R "				11.30	11.70	F-0.40	
E.C. -5'R " P.R.C.				11.26	12.15	F-0.89	
D-1				12.24	12.34	F-0.10	
D-2				11.85	12.53	F-0.68	
D-3				12.57	12.72	F-0.15	
D-4				12.30	12.91	F-0.61	
D-5				11.27	13.10	F.1.83	
B.C. -12'R - N. End Lot "9 W. 5th Dr.					12.98		

F.B. 2247 Pg. 113

Profile No. ____ X-Sec. No. ____ | Notes Red ____ Date ____ | Notes Chkd. ____ Date ____ | Plotted ____ Date ____ | Checked ____ Date ____ | 8757.19 Job No. ____ Division No. 11 | Survey of ZUMA BEACH | Survey by Hellstrom Notes D.L.B. Date Mar. - 1962 | Map No. ____ Indexed H. E. OTT Date JUN 4 '62

J.N. 8757.19

ZUMA BEACH

LOT 10

FINISHED GRADES TOP OF CURB

(See Pgs. 145 - 148 - For Scheme Of Sta.)

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

A.N. Hellstrom
D.L. Burkholder
L.W. Jones
R.J. Rodriguez
G.P. Alwin

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76L-298 CE 307 11-58

76L-298 CE 307 11-58

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

Do not extend notes this side of this line. LOT #10

STATION	B.S.	H.I.	F S.	ELEV			
T.B.M.				15 07	T.B.M. - Elev. 15.07 Bt Spk. In S.W. Cor. 4x6 Conc Dr. Box		F.B. 2247-52- @ 441+75±
					Fin Grd Top. Crb.	C or F	
D-1				11 43	11.10	C-0 33	
3				9 76	11.04	F-1 28	
5				9 84	11.19	F-1 35	
7				10 15	11.34	F-1 19	
9				10 35	11.49	F-1 14	
11				10 38	11.65	F-1 27	
13				10 58	11.80	F-1 22	
15				10 55	11.95	F-1 40	
17				10 88	12.10	F-1 22	
19				10 98	12.25	F-1 27	
21				11 11	12.41	F-1 30	
23				11 76	12.56	F-0 80	
24				13 40	12.60	C-0 80	

South Curb

F.B. 2247 Pg. 114 Job No. 8757.19 Division No. 11 Notes Red Date Plotted Date Profile No. X-Sec. No.
Survey of ZUMA BEACH Notes D.L.B. Date Notes Chkd. Date Checked Date No.
Survey by Hellstrom Date
Indexed H. E. Ott

Notes Ck'd by	Survey of ZUMA BEACH CO. PARK
Map No.	JN 875719 Tape Std °F
Office Work	Surveyed by Mankey Jr.
Checked	Notes E.T.M. Jr. Date 3-1-62
Date	Indexed H. E. OTT JUN 4 62

F. B. 2247 PG. 115

JN 875719

ZUMA BEACH CO. PARK

PHASE II

LOT IX

LAYOUT

Mankey Jr.
McCall
Swann
Manley

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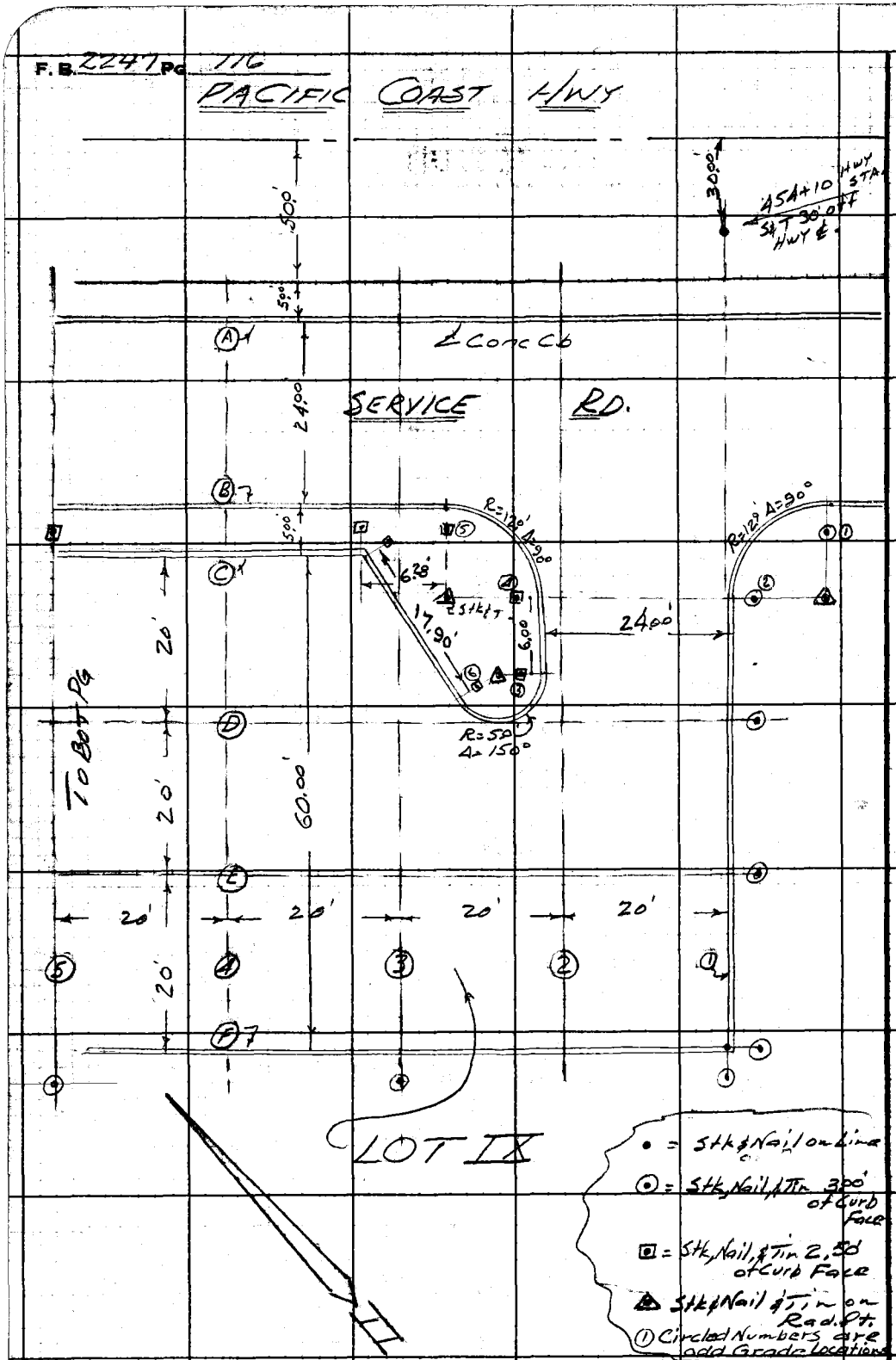
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F. B. 2247 Pg. 116



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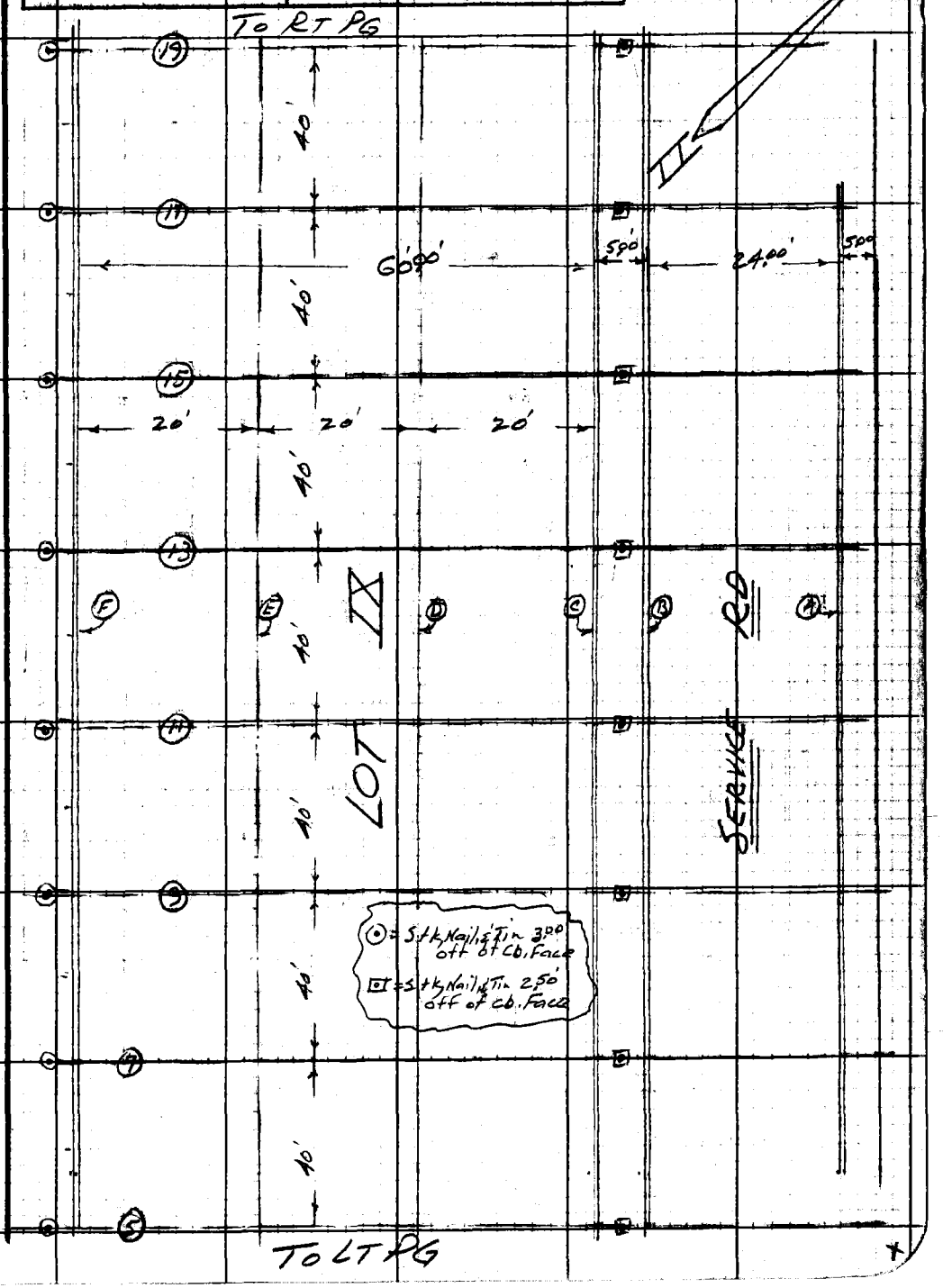
Notes Ck'd by	Survey of ZUMA BEACH CO. PARK F. B. 2247 PG. 117
Map No.	JN 8757.19 Tape Std °F
Office Work	Surveyed by Monkey Jr.
Checked	Notes ETM Jr. Date
Date	Indexed H. E. OTT



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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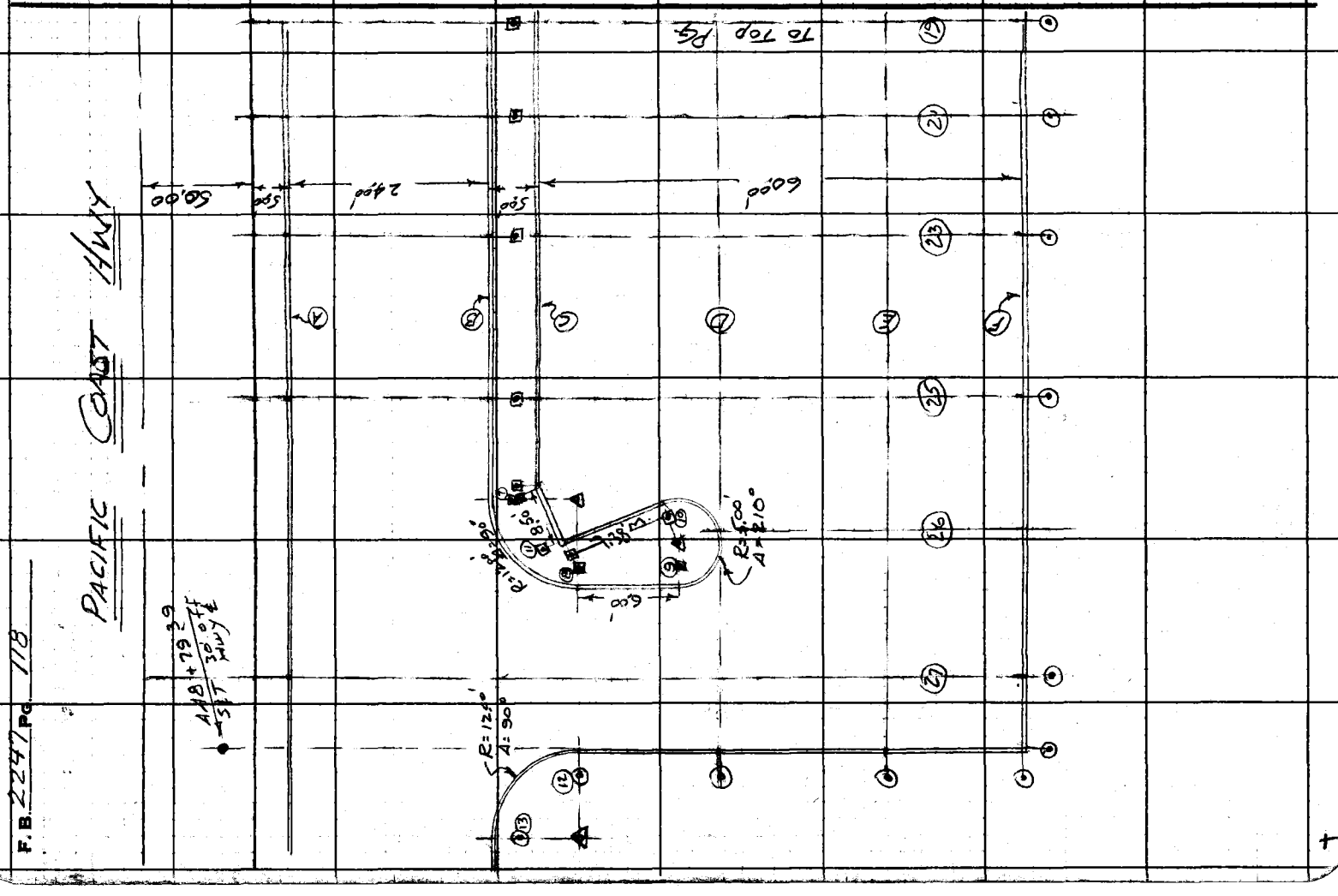
Do not extend notes this side of this line.



Profile	Notes Red.	Plotted	Job No. 8757.19	Division No.	F. B. 2247 Pg. 119
No.	Date	Date	Survey of ZUMA BEACH CO. PARK		
X-Sec.	Notes Chkd.	Checked	Survey by McCall	Notes McCall	Date 2-28-62
No.	Date	Date	Map No.	Indexed L. E. OTT	Date JUN 4 '62

J.N. 8757.19

ZUMA BEACH CO. PARK

CURB GRADES

ON

LOT IX

SO. CURB LINE

See PG. 116, 117, 118 for location

McCall
Swann
Manley

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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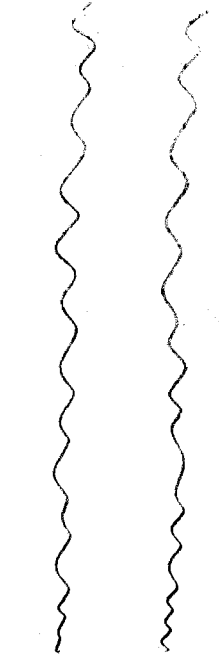
Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	CURB GRADES ON LOT IX (LINE F)		
T.B.M.				15.30	Lg. BT. Spk. in P.P. (No. Number) dT 455+30± (EL = 15.30)		
					Top of Curb Grd.	Fill To Top Crb. Grd	
F-1				10.31	11.26	F-0.95	Set 1X2 N&T 3' off
F-3				10.13	11.10	F-0.97	
F-5				9.75	10.94	F-1.19	
F-7				9.63	10.78	F-1.15	
F-9				9.41	10.62	F-1.21	
F-11 (T.P.)				9.35	10.46	F-1.11	
F-12(+8)				9.32	10.35	F-1.03	
F-13				9.24	10.40	F-1.16	
F-15				9.56	10.59	F-1.03	
F-17				9.72	10.78	F-1.06	
F-19				9.68	10.96	F-1.28	
F-21				9.82	11.15	F-1.33	
F-23				9.89	11.34	F-1.45	
F-25				10.22	11.53	F-1.31	
F-27				10.52	11.72	F-1.20	
F-27(+10)				10.59	11.77	F-1.18	
T.B.M.				13.72			



F. B. 2247 Pg. 120
Job No. 8757.19 Division No.
Survey of ZUMA BEACH CO. PARK
Survey by McCall Notes McCall
Indexed H. E. OTT. Date
Notes Red. Date
Plotted Date
Notes Chkd. Date
Checked Date
Profile No.
X-Sec. No.

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	CURB GR. on LOT IX		(cont.) East & West Cb. Ln's & Island Grades
					Top Curb GRADE	Fill to Top of Curb	
① B.C. 12' Rad				11.02	12.46'	F-1.44	S&T (3') Cb. Face
② E.C. " "				10.67	12.03'	F-1.36	"
D Ln & East Cb.				10.66	11.66'	F-1.00	"
E Ln & " "				10.27	11.46'	F-1.19	"
③ B.C. 5' Rad				10.55	11.61'	F-1.06	" (25') " "
④ E.C. 12' "				10.71	~~11.94'~~ 11.67'	~~F-1.23~~ F-0.96	
⑤ B.C. " "				10.75	~~12.27'~~ 11.74'	~~F-1.52~~ F-0.99	
⑥ E.C. 5' "				10.49	11.55'	F-1.06	
C-3 (+5') Cb. X Pt.				10.41	11.67'	F-1.26	To North
-5				10.44	11.54'	F-1.10	
-7				10.34	11.38'	F-1.04	
9				10.17	11.22'	F-1.05	
11				10.09	11.06'	F-0.97	
12 (+8') GR. BREAK				10.01	10.95'	F-0.94	
13				10.00	11.00'	F-1.00	
15				9.96	11.19'	F-1.23	
17				10.31	11.38'	F-1.07	
19				10.58	11.57'	F-0.99	
C-21				10.58	11.75'	F-1.17	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 8757.19 Division No. ____ F. B. 2247 Pg. 121
X-Sec. No. ____ Date ____ Date ____ Survey of Zuma Beach Co. Park
Notes Chkd. ____ Checked ____ Survey by Mankey Notes Etal Date 3-1-62
Date ____ Date ____ Map No. ____ Indexed H. E. OIT Date ____

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	CURB GR. on LOT IX Top Curb GR.	Fill to Top of Curb	
C-23				10.80	11.94'	F-1.14	S&T (2.5) Cb. face
C-25				11.22	12.13	F-0.91	N.E. S&T.
C-25 (+13')	Cb. ∡ PT.			11.22	12.20'	F-0.98	
(7)				11.20	~~12.76~~ 12.26	~~F-1.56~~ F-1.06	
(8)				11.35	~~12.45~~ 12.17	~~F-1.10~~ F-0.82	
(9)				11.28	12.09'	F-0.81	
(10)				11.10	12.11'	F-1.01	No. stk.
(11)				11.41	12.20'	F-0.79	
E-LN & West Cb.				10.71	11.97'	F-1.26	S&T (3') Cb. face
D " "	" "			11.11	12.17'	F-1.06	
(12)				11.47	12.55'	F-1.08	
(13)				11.32	12.98'	F-1.66	
TBM.							

F. B. 2247 Pg. 122 Job No. 875219 Division No. Notes Red. Plotted Profile
Survey of ZUMA BEACH CO. PARK Date Date No. X-Sec.
Survey by ETMJr. Notes Mankey Jr. Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

F. B. 2247 Pg. 123

Profile No. | Notes Red. | Date | Plotted | Date | Job No. 8757.19 | Division No. | Survey of ZUMA BEACH CO PARK

X-Sec. No. | Notes Chkd. | Date | Checked | Date | Survey by Monkey Jr. Notes ETM/D Date Mar 23, '62

Map No. | Indexed H. E. OTT Date JUN 4 '62

JN 8757.19

ZUMA BEACH CO. PARK

SERVICE ROAD (SO. CURB)

GRADES

BETWEEN LOTS VIII & IX

Monkey Jr.
McCall
Swann
Manley

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

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

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700 Los Angeles County Engineering Bldg.

76293 S & E #307—7-55

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	SERVICE RD. Cb. GRADE		
					Top of Cb. GRADE	Fill To Top Cb	
T.B.M (Fd)				13.85			
457+68	(W. END 12' Rad. Cb. Ret. Lot VIII			12.37	13.82	F 1.45'	S&T (3') Cb. Face
+43				12.71	13.72	F 1.01	
+18				12.42	13.62	F 1.20	
456+93				12.20	13.53	F 1.33	
+68				12.30	13.43	F 1.13'	
+43				12.20	13.33	F 1.13'	
+18				12.02	13.23	F 1.21'	
455+93				11.82	13.14	F 1.32'	
+68				11.66	13.04	F 1.38'	
+43				11.71	12.94	F 1.23'	
+18				11.39	12.84	F 1.45'	
454+93				11.37	12.75	F 1.38'	
+68				11.31	12.65	F 1.34'	
+43				11.59	12.55	F 0.96	
454+22	(E. END 12' Rad Cb. Ret. Lot IX)			12.46	12.46	—	Top Exist Cb.
S. End 12' Rad. Crb. Ret. (W. End Lot 5)					13.21		

— 0.39 %

F. B. 2247 Pg. 24 Job No. 8757.19 Division No. Notes Red. Plotted No. Profile
Survey of Zuma Beach Co. Park Date Date X-Sec.
Survey by Markey Jr. Notes ETM Jr. Notes Chkd. Checked No.
Indexed H. E. OTT Date Date Date

Profile No. | Notes Red. | Plotted | Job No. 8757.19 Division No. 11 | F. B. 2247 Pg. 125
X-Sec. No. | Notes Chkd. | Checked | Survey of ZUMA BEACH
Date | Date | Survey by Hellstrom Notes D.L.B. Date 2-21-62
Map No. | Indexed H. E. OTT Date JUN 4 '62

J. N. 8757.19

ZUMA BEACH
(PHASE 2)

PARKING LOT #8

FINISHED GRADES TOP OF CURB

See Pgs. 145-148 - For Scheme of Sta.

STATION	B. S.	H. I.	F. S.	ELEV.
	A.N. Hellstrom D.L. Burkholder L.W. Jones R.J. Rodriguez G.P. Alwin			

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761298 S & E #307 9-54

76L298 S & E #307 9-54

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15.70

STATION	B. S.	H. I.	F. S.	ELEV.			
	FINISHED GRADES			TOP OF CURB	LOT #8		
T.B.M.				14 50	T.B.M.-Elev. 14.50 Station Between Park	F.B. 2247-52-S.E Cor. Comf. LOTS 7-8	
					Fin. Grd. Top Curb	C/F	
J-1				11 77	11.95	F-0 18	1X2 NET-3' OFF
3				10 49	11.78	F-1 29	
5				10 40	11.61	F-1 21	
7				10 23	11.45	F-1 22	
9				9 97	11.29	F-1 32	
11				10 00	11.13	F-1 13	
13				10 05	11.00	F-0 95	
15				9 90	11.13	F-1 23	
17	⊙			10 20	11.29	F-1 09	
19				9 96	11.45	F-1 49	
21				10 50	11.61	F-1 11	
23				10 50	11.77	F-1 27	
25 Cor.				10 68	11.90	F-1 22	
G.-25				11 48	12.36	F-0 88	
E-25				11 71	12.82	F-1 11	

(SOUTH CURB)

F. B. 2247 Pg. 126 Job No. 8757.19 Division No. 11 Notes Red. Date Plotted Date No. Profile X-Sec.

Survey of ZUMA BEACH Notes D.L.B. Notes Chkd. Date Checked Date No.

Survey by H. E. GIT Date

Indexed

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.			LOT #8
GRADES FOR TOP CURBS FOR ISLAND IN LOT #8							
T.B.M.				15 40			
B.C.-5'R	E. End	Island	South Curv	12 22	13.29	F-1 07	
E.C-5'R	" "	"	" "	12 11	13.36	F-1 25	
B.C-12'R	" "			12 45	13.47	F-1 02	
E.C-12'R	" "			12 53	13.62	F-1 09	
℄ Pt	42 3 From C-1 -		South Sd	12 39	13.50	F-1 11	
"	"	"	North "				
C-5	S. Sd			12 33	13.38	F-1 05	
"	N "						
C-7	S sd			12 19	13.21	F-1 02	
"	N						
C-9	S. Sd.			11 99	13.06	F-1 07	
"	N						
C-11	S. Sd			11 55	12.90	F-1 35	
"	N "						

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8757.19 Division No. 11 F.B. 2247 Pg. 127
X-Sec. No. ____ Date ____ Date ____ Survey of ZUMA BEACH
Notes Chkd. ____ Checked ____ Survey by Hellstrom Notes DLB Date 2-21-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. Office

76L-298 CE 307 11-58

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LOT #8

STATION	B.S.	H.I.	F.S.	ELEV					
C-13				11 40	12.75	F-1 35			
"									
C-15	⊙			11 60	12.84	F-1 24			
"									
C-17				11 71	12.94	F-1 23			
"									
C-19				11 88	13.03	F-1 15			
"									
C-21				12 02	13.13	F-1 11			
"									
4 Pt S. Sd N				12 01	13.20	F-1 19			
B.C.-12' R = W. End Island				12 07	13.25	F-1 18			
E.C.- " "				12 12	13.17	F-1 05			
B.C. 5' R = W. End				11 99	13.13	F-1 14			
E.C. 5' " "				11 98	13.10	F-1 12			
4 Pt. N. Stk 2 5 OFF				12 01	13.18	F-1 17			

F.B. 2247 Pg. 128 Job No. 8757.19 Division No. 11 Notes Red Date Plotted Date Profile No. X-Sec. No.
Survey of Zuma Beach Notes Chkd. Date Checked Date
Survey by Hellstrom Notes D.L.B. Date
Indexed H. E. [illegible]

F.B. 2247 PG. 129

Profile No.	Notes Red	Plotted	Job No. 8757.19	Division No. 11
	Date	Date	Survey of ZUMA BEACH	
X-Sec. No.	Notes Chkd.	Checked	Survey by Hellstrom	Notes D.L.B. Date 2-21-62
	Date	Date	Map No.	Indexed H. E. OT Date

J.N. #8757.19

ZUMA BEACH
(PHASE #2)

PARKING LOT #7

FINISHED GRADES TOP OF CURB

(See Pgs. 145-148 - For Scheme Of Sta)

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

A.N. Hellstrom
D.L. Burkholder
L.W. Jones
R.J. Rodriguez
G.P. Alwin

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STATION	B.S.	H.I.	F.S.	ELEV	Top Curb Fin. Grd.		
B.M.				14 50		F.B. 2247 - pg. 52 - Elev. 14.50	
J-1	Cor.			12 04	12.95	F-0 91	
3				11 51	12.65	F-1 14	
5				11 22	12.35	F-1 13	
B.C.				10 89	12.21	F-1 32	
J-7				10 87	12.06	F-1 19	
9				10 53	11.77	F-1 24	
11				10 15	11.48	F-1 33	
13				10 00	11.19	F-1 19	
15	⊙			9 58	11.00	F-1 42	
17				9 99	11.26	F-1 27	
19				10 44	11.46	F-1 02	
21				10 70	11.66	F-0 96	
23				10 84	11.86	F-1 02	
25				10 96	12.06	F-1 10	
27	Cor.			11 08	12.26	F-1 18	
B.M.				16 36	B.M. - Elev. 16.36	F.B. 2247-52	

Curve

South Curb

F.B. 2247 Pg. 130

Job No. 8757.19 Division No. 11 Notes Red. Date Plotted Date No. Profile

Survey of ZUMA BEACH Notes D.L.B. Date Checked Date No. X-Sec.

Survey by Hellstrom Notes Date Date No.

Indexed H.E. Ott

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.			LOT #7 & (8)
CURB AROUND COMFORT STATION BETWEEN LOTS #7 & #8							
B.M.				Elev. = 14 50	Top Curb Fin. Grd	C/F	
B.C. - 12'R - E. End Lot #8				13 73	13.57	C-0 16	1 x 2 N & T - 3' OFF Fc. Crb.
E.C. - " " " " "				13 27	13.80	F-0 53	
1/2 Dist	⊙			14 47	13.90	C-0 57	
Gr. Brk.				14 79	14.00	C-0 79	
END TANG (B.C. Stats 463+26.31)				14 33	13.92	C-0 41	
B.C. - 12'R W. End Lot #7				13 18	13.75	F-0 57	
E.C. 12' " " " " "				12 03	13.45	F-1 42	
E-27 - Lot #7				11 61	13.10	F-1 49	
G-27 - " "				11 80	12.68	F-0 88	
E-1 In Lot #8				13 21	13.09	C-0 12	
G-1 " " "				11 75	12.52	F-0 77	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8757.19 Division No. 11
X-Sec. No. ____ Date ____ Date ____ Survey of ZUMA BEACH
Notes Chkd. ____ Checked ____ Survey by Hellstrom Notes D.L.B. Date 2-21-62
Date ____ Date ____ Map No. ____ Indexed H. E. OT Date ____

F.B. 2247 PG. 131

76L-298 CE 307 11-58

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F.B. 2247 Pg. 132 | Job No. 8752.19 | Division No. 11 | Notes Red | Plotted | Profile
Survey of ZUMA BEACH | Date | Date | No.
Survey by Hellstrom Notes D.L.B. | Notes Chkd. | Checked | X-Sec.
Indexed H.E.O.M. | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV	Fin Grd. Top Curb	
GRADES FOR TOP CURBS IN LOT #7						
T.B.M.						
B.C. - 5'R	E. End Island		S. Curb	12 74	13.80	F-1 06
E.C. - 5'R	" "		"	12 73	13.82	F-1 09
B.C. - 12'R	" "		N. Curb	12 83	14.00	F-1 17
E.C. - 12'R	" "		"	13 25	14.12	F-0 87
A Pt - 4 2 3	From C-1		S. Sd.	13 44	13.95	F-0 51
"			N. "			
C-5	S. Side			12 75	13.69	F-0 94
B.C.	S. Side			12 81	13.55	F-0 74
"	N "					
C-7	S. Sd.			12 42	13.40	F-0 98
"	N "					
C-9	S "			12 18	13.10	F-0 92
"	N "					
C-11	S "			11 76	12.80	F-1 04
"	N "					

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.	Fin Grd. Top Pvt.	C or F	
C-13	S. Sd.			11 35	12.40	F-1.05	
C-13+30	Gr. Brk	F.L.		11 53	12.25	F-0.72	
C-15	S Sd			11 80	12.32	F-0.52	
C-17	S "			12 15	12.52	F-0.37	
C-19	⊙			11 97	12.72	F-0.75	
C-21				11 87	12.92	F-1.05	Ch + Top brick
C-23				12 25	13.12	F-0.87	
4 Pt S. Sd.				12 39	13.35	F-0.96	
N. "							
B.C.-12'R - N. End Island				12 38	13.50	F-1.12	
E.C 12	" "	"		12 37	13.33	F-0.96	
B.C. 5'R	" "	" S. Sd.		12 28	13.24	F-0.96	
E.C. 5R	" "			12 29	13.26	F-0.97	
4 Pt N. Stk 2.5 OFF				12 37	13.33	F-0.96	
* 4 " W " 2.5 "				12 32	13.33	F-1.01	

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 8757.19 Division No. 11 Survey of ZUMA BEACH Survey by Hellstrom Notes D.L.B. Date 3-27-62 Map No. ____ Indexed H. E. Ott Date ____

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

F.B. 2247 Pg. 133

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV			
TOP CURB AROUND TRACTOR BLDG							
T.B.M.					Fin Grd Top Pvt.		
J-1 Corner				12 04	12.95	F-0 91	1X2 N&T 2.5 OFF
G-1				13 57	13.38	C-0 19	
E-1				14 22	13.81	C-0 41	
B.C. 12' R				14 56	14.13	C-0 43	
E.C 12' R				14 93	14.44	C-0 49	
1/2 Dist				14 77	14.90	F-0 13	
B.C.				15 49	15.36	C-0 13	
E.C.-Exist Curb				15 00			

F.B. 2247 Pg. 134 Job No. 8757.19 Division No. Notes Red Plotted Profile
Survey of ZUMA BEACH Date Date No.
Survey by Wellstrom Notes DLB Notes Chkd. Checked X-Sec.
Indexed H.E. OIL Date Date No.

Profile No.	Notes Red.	Plotted	Job No. 8757.19	Division No.
	Date	Date	Survey of ZUMA BEACH CO. PARK	
X-Sec. No.	Notes Chkd.	Checked	Survey by Mankey	Notes ETM Date 3-8-62
	Date	Date	Map No.	Indexed H. E. Ott Date 4 '62

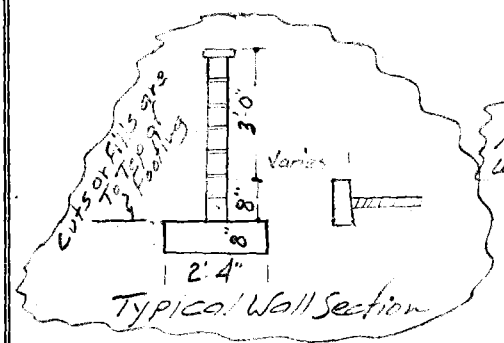
F. B. 2247 Pg. 135

JN 8757.19

ZUMA BEACH CO. PARK.

C.M.U. WALL (PARK AREAS - 7-8-9-10 11 & 12)

FOOTING GRADES



Typical Wall Section

All offsets are to Wall ℄s

Mankey Jr.
McCall
Swann
Manley

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

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76298 S & E #307—7-55

76298 S & E #307—7-55

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Profile No. X-Sec. No.

F. B. 2247 Pg. 136 Job No. 8757.19 Division No. Notes Red. Plotted

Survey of ZUMA BEACH CO. PARK Date Date

Survey by ETM Jr. Notes Mankey Jr. Notes Chkd. Checked

Indexed H. E. OTT Date Date Date

STATION	B. S.	H. I.	F. S.	ELEV.	Walls Adjacent to LOT XII		
T.B.M.				13.52'			
					Top of Wall	Top of Footing	Cut or Fill to Top of Ftg.
Wall #68 (No. End)				11.53	14.20'	10.53'	C1.00' S&T (3') N. End Wall
" (℄ Pt. 60' So. of No. End)				9.68	14.20'	10.53'	F-0.85 " " S. of ℄ Pt.
" Most Wly ℄ Pt.				9.69	14.20'	10.53'	F-0.84 " " & W. " "
" S.E. End of Wall				9.87	14.20	10.53'	F0.66 " " & S.E. End Wall
" #67 N.W. " " "				9.91	14.35	10.68'	F0.77 " " End of Wall
" #67 S.E " " "				10.26'	14.35'	10.68'	F0.42 " " " "
#66 N.W " " "				10.21'	14.55'	10.88	F0.67 " " " "
#66 S.E " " "				10.12'	14.55'	10.88'	F0.76 " " " "
#65 N.W " " "				10.31'	14.83'	11.16'	F0.85 " " " "
#65 S.E. " " " (T.P.)				10.36'	14.83'	11.16'	F0.80 " " " "
#64 N.W. " " "				10.45'	15.02'	11.35'	F0.90 " " " "
#64 S.E. " " "				10.30'	15.02	11.35'	F1.05 " " " "
#63 N.W " " "				10.54	14.78'	11.11	F0.57 " " " "
#63 S.E " " "				10.04	14.78'	11.11'	F1.07 " " " "
#62 N.W. " " "				10.29'	14.54	10.87'	F0.58 " " " "
#62 S.E " " "				9.98'	14.54	10.87'	F0.89 " " " "
#61 N.W " " "				10.14	14.30'	10.63'	F0.49 " " " "
#61 S.E. " " "				9.84	14.30	10.63'	F0.79 " " " "

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	WALLS ADJACENT TO LOT XII		
					Top of Wall	Top of Footing	Cut or Fill to top of Ftg.
Wall #60	N.W. End of wall			9.75	14.04'	10.37'	F.0.62' S&T (3') End Wall
#60	S.E. " " "			9.92	14.04	10.37'	F0.45' " " " "
#59	N.W			9.92	14.18'	10.51'	F0.59' " " " "
#59	S.E		(T.R.)	10.04	14.18'	10.51'	F0.47' " " " "
#58	NW			10.18	14.42'	10.75'	F0.57' " " " "
#58	S.E			10.18'	14.42'	10.75	F0.57' " " " "
#57	N.W			10.17'	14.66'	10.99	F0.82' " " " "
57	S.E			10.34	14.66	10.99'	F0.65' " " " "
#56	N.W			10.35'	14.70'	11.03'	F0.68 " " " "
#56	S.E			10.25	14.70	11.03'	F0.79' " " " "
#55	N.W			10.38	14.75'	11.08'	F0.70' " " " "
#55	S.E.			10.49	14.75	11.08	F0.59' " " " "
TBM Fd				13.99'			
				WALLS ADJACENT TO LOT XI			
#54	N.W. END of WALL			10.12	14.00'	10.33'	F 0.21 S&T (3') END wall
#54	S.E. " " "			10.17	14.00'	10.33'	F 0.16'
#53	N.W. " " "			10.35	14.07'	10.40'	F 0.05'
#53	S.E. " " "			9.86	14.07'	10.40'	F-0.54
#52	N.W. " " "			9.88	14.33	10.66'	F-0.78'
#52	S.E. " " "			9.61	14.33	10.66'	F-1.05

Profile Notes Red. ____ Plotted ____ Job No. 8757-19 Division No. ____ F.B. 2247 Pg. 137
No. ____ Date ____ Date ____ Survey of ZUMA BEACH CO. PARK
X-Sec. Notes Chkd. ____ Checked ____ Survey by ETM Jr. Notes ETM Jr. Date 3-8-62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OT. Date ____

76298 S & E #307—7-55

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	WALLS ADJACENT TO LOT XI Top of Wall GRADE	Top of FTG.	Cut or Fill to Top Ftg
#51 N.W. End of Wall				10.04	14.59'	10.92	F-0.88' S&T (3') End Wall
#51 S.E. " " "				10.23'	14.59'	10.92'	F-0.69'
#50 N.W. " " "				10.33	14.83'	11.16	F-0.83'
#50 S.E. " " "				10.86	14.83'	11.16	F-0.30
#49 N.W. " " "				10.79'	15.11'	11.44'	F0.65
#49 S.E. " " "				10.91	15.11'	11.44'	F0.53
#48 N.W. " " "				11.03'	15.37'	11.70	F0.67'
#48 S.E. " " "				10.93'	15.37'	11.70	F0.77'
#47 N.W. " " "				11.08	15.47'	11.80'	F0.72'
#47 S.E. " " "				12.43'	15.47'	11.80	C0.63'
#46 N.W. " " "				12.82'	15.77'	12.10	C0.72' Chis'x (2.5)
#46 S.E. " " "				11.35'	15.77	12.10'	F-0.75 S&T (3')
#45 N.W. " " "				11.55'	15.53'	11.86	F0.31
#45 S.E. " " "				11.18'	15.53'	11.86	F0.68
#44 N.W. " " "				11.26'	15.29'	11.62'	F0.36
#44 S.E. " " "				10.90'	15.29'	11.62'	F0.72
#43 N.W. " " "				10.94	15.05'	11.38'	F0.44'
#43 S.E. " " "				13.62	15.05'	11.38'	C2.24'

F. B. 2247 Pg. 138 Job No. 87-57-19 Division No. Notes Red. Plotted Profile No.
Survey of ZUMA BEACH CO. PARK Date Date X-Sec.
Survey by ETMJC Notes Mankeyda Notes Chkd. Checked
Indexed H. E. OTT Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	WALLS ADJACENT TO LOT #X		
					Top of WALL	Top of FOOTING	Cut or Fill to Top of FTG.
WALL #42	N.W. END of WALL			14.11'	15.50'	11.83	C- 2.28 S&T (3) END of WALL
#42	S.E. "	" "		11.21'	15.50'	11.83'	F- 0.62
#41	N.W "	" "		11.24'	15.26'	11.59'	F- 0.35
#41	S.E "	" "		10.86'	15.26'	11.59'	F- 0.73
#40	N.W. "	" "		11.04'	15.02'	11.35'	F- 0.31
#40	S.E "	" "		11.04'	15.02'	11.35'	F- 0.31
#39	N.W "	" "		10.62'	14.80'	11.13'	F- 0.51
#39	S.E. "	" "		10.41'	14.80'	11.13'	F- 0.72
#38	N.W. "	" "		10.43'	14.57'	10.90'	F- 0.47
#38	S.E. "	" "		10.10'	14.57'	10.90'	F- 0.80
#37	N.W. "	" "		10.30'	14.35'	10.68'	F- 0.38
#37	S.E "	" "		9.86'	14.35'	10.68'	F- 0.82
#36	N.W. "	" "		9.94'	14.12'	10.45'	F- 0.51
#36	S.E. "	" "		9.87'	14.12'	10.45	F- 0.58
			WALLS ADJACENT TO LOT IX				
#35	N.W. "	" "		10.14'	14.25'	10.58'	F 0.44'
#35	S.E "	" "		10.41'	14.25'	10.58'	F 0.17'
#34	N.W "	" "		10.31'	14.42'	10.75'	F 0.44'
#34	S.E "	" "		11.67'	14.42'	10.75	C 0.92

Profile Notes Red. ____ Plotted ____ Job No. 8757.19 Division No. ____ F. B. 2247 Pg. 139
No. ____ Date ____ Date ____ Survey of ZUMA BEACH CO. PARK
X-Sec. Notes Chkd. ____ Checked ____ Survey by MANKEY Notes [illegible] Date Mar 13, 62
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	WALLS ADJACENT TO LOT IX		
					Top of WALL	Top of FTG.	Cut or Fill to Top of FTG.
Wall #33	N.W. END of WALL			11.63'	14.59	10.92'	C0.71' S&T (3) End Wall
#33	S.E	" " "		11.70'	14.59'	10.92'	C0.78
#32	N.W	" " "		11.50	14.76'	11.09'	C0.41'
#32	S.E	" " "		10.83'	14.76'	11.09'	F0.26
#31	N.W.	" " "		10.95	14.93'	11.26	F0.31
#31	S.E.	" " "		10.38	14.93'	11.26'	F0.88
#30	N.W.	" " "		10.50	14.65'	10.98'	F0.48'
#30	S.E	" " "		10.36	14.65'	10.98	F0.62
#29	N.W.	" " "		10.29	14.37'	10.70'	F0.41
#29	S.E.	" " "		10.38	14.37'	10.70	F0.32'
#28	N.W	" " "		9.79'	14.09'	10.42'	F0.63
#28	S.E	" " "		9.67'	14.09'	10.42'	F0.75
#27	N.W	" " "		9.75	13.81'	10.14'	F0.39
#27	S.E.	" " "		10.12	13.81'	10.14'	F0.02'
#26	N.W.	" " "		9.68	13.52'	9.85'	F0.17'
#26	S.E.	" " "		9.90	13.52'	9.85'	C0.05'
#25	N.W.	" " "		9.27	13.41	9.74'	F0.47
#25	S.E.	" " "		9.41	13.41'	9.74'	F0.33'
#24	N.W.	" " "		9.35	13.65'	9.98'	F0.63'
#24	S.E.	" " "		9.45	13.65	9.98'	F0.53'

F. B. 2247 Pg. 140 Job No. 8757.19 Division No. Notes Red. Plotted Profile
Survey of ZUMA BEACH CO. PARK Date Date No.
Survey by ETM Jr. Notes Monkey Notes Chkd. Checked X-Sec.
Indexed H. E. ONG Date Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	Top of WALL	Top of FTG.	Cut or Fill to Top of FTG.
					WALLS ADJACENT TO LOT IX		
WALL #23	N.W. END of WALL			9.62'	13.89'	10.22'	F0.60'. S&T (3) END WALL
#23	S.E.	" " "		9.70'	13.89'	10.22	F0.52'
#22	N.W.	" " "		9.79	14.31'	10.64'	F0.85'
#22	S.E.	" " "		10.52'	14.31'	10.64'	F0.12'
		WALLS ADJACENT TO LOT VIII					
#21	N.W. END of WALL			8.73'	14.90'	11.23'	F-2.50
#21	S.E.	" " "		10.00'	14.90'	11.23'	F-1.23
#20	N.W.	" " "		10.06'	14.90'	11.23'	F-1.17
#20	S.E.	" " "		10.68'	14.90'	11.23'	F-0.55
#19	N.W.	" " "		10.38	14.82'	11.15'	F-0.77
#19	S.E.	" " "		10.84'	14.82'	11.15'	F-0.31
#18	N.W.	" " "		10.59'	14.70'	11.03'	F-0.44
#18	S.E.	" " "		10.11'	14.70'	11.03'	F-0.92
#17	N.W.	" " "		10.36'	14.58'	10.91'	F-0.55
#17	S.E.	" " "		9.99'	14.58'	10.91'	F-0.92
#16	N.W.	" " "		9.88'	14.36'	10.69'	F-0.81
#16	S.E.	" " "		9.86'	14.36'	10.69	F-0.83
#15	N.W.	" " "		9.82'	14.04'	10.37'	F-0.55
#15	S.E.	" " "		10.02'	14.04'	10.37'	F-0.35.

Profile Notes Red. ____ Plotted ____ Job No. 8757.19 Division No. ____ F. B. 2247 Pg. 141
No. ____ Date ____ Date ____ Survey of ZUMA BEACH CO PARK
X-Sec. Notes Chkd. ____ Checked ____ Survey by Mankey Jr. Notes ETM Jr. Date March 14, '63
No. ____ Date ____ Date ____ Map No. ____ Indexed H. E. OTT Date ____

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	WALLS ADJACENT TO LOT VIII Top of Wall	Top of Ftg.	Cut or Fill to Top of Ftg
Wall #14	N.W.	END OF WALL		9.96'	14.28'	10.61'	F-0.65 S&T (3') End Wall
#14	S.E.	" "	"	10.26'	14.28'	10.61	F-0.35
#13	N.W	" "	" (T.P.)	10.11'	14.52'	10.85'	F-0.74
#13	S.E.	" "	"	10.45'	14.52'	10.85'	F-0.40
#12	N.W.	" "	"	10.35'	14.76'	11.09	F-0.74
#12	S.E.	" "	"	10.40'	14.76'	11.09	F-0.69
#11	N.W.	" "	"	10.60'	15.00'	11.33'	F-0.73
#11	S.E.	" "	"	11.06'	15.00'	11.33'	F-0.27
		WALLS ADJACENT LOT VII					
#10	N.W.	END OF	WALL	11.86'	15.10'	11.43'	C-0.43
#10	S.E.	" "	"	10.90'	15.10'	11.43'	F-0.53
#9	N.W.	" "	"	10.95'	15.20'	11.53'	F-0.58
#9	S.E.	" "	"	10.91'	15.20'	11.53'	F-0.62
#8	N.W.	" "	"	10.92'	14.90'	11.23'	F-0.31
#8	S.E.	" "	"	10.98'	14.90'	11.23'	F-0.25
#7	N.W.	" "	"	10.63'	14.60'	10.93'	F-0.30
#7	S.E.	" "	"	10.56'	14.60'	10.93'	F-0.37
#6	N.W.	" "	"	10.45'	14.30'	10.63'	F-0.18
#6	S.E.	" "	"	9.69'	14.30'	10.63'	F-0.94

F. B. 2247 PG. 142 Job No. 8157.19 Division No. Notes Red. Plotted Profile
Survey of Zuma Beach Co. Park Date No. X-Sec.
Survey by ETM Jr. Notes Mankey Jr. Notes Chkd. Checked
Indexed H. E. Ott Date Date No.

76298 S & E #307—7-55

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STATION	B. S.	H. I.	F. S.	ELEV.	WALLS ADJACENT LOT VII Top of Wall GRADE	Top of Ftg GRADE	Cut or Fill to Top Ftg
Wall #5	N.W.	END of Wall	(T.P.)	9.65'	14.00'	10.33	F-0.68 S&T (3') END of Wall
#5	S.E.	" " "		10.12'	14.00'	10.33	F-0.21
#4	N.W	" " "		9.92'	14.44'	10.77'	F-0.85
#4	S.E	" " "		10.20'	14.44'	10.77'	F-0.57
#3	N.W.	" " "		10.25'	14.87'	11.20'	F-0.95
#3	S.E.	" " "		10.80'	14.87'	11.20'	F-0.40
#2	N.W.	" " "		10.74'	15.30'	11.63'	F-0.89
#2	S.E.	" " "		10.92'	15.30'	11.63'	F-0.71
#1	N.W.	" " "		11.01	15.73'	12.06'	F-1.05
#1	S.E.	" " "		13.60	15.73'	12.06'	C-1.54.

Profile Notes Red. Plotted Job No. 8757.19 Division No. F. B. 2247 Pg. 143
No. Date Date Survey of ZUMA BEACH CO. PARK
X-Sec. Notes Chkd. Checked Survey by Markey Jr. Notes ETM Date
No. Date Date Map No. Indexed H. E. OTT Date

Notes Ck'd by	Survey of ZUMA BEACH F. B. 2247 PG. 145
Map No.	JN 8757.19 Tape Std of
Office Work	Surveyed by A.N. Hellstrom
Checked	Notes D.L.B Date 9-1962
Date	Indexed H. E. OTT JUN 4 '62

J.N. 8757.19

ZUMA BEACH (PHASE II)

PARKING AREAS ("7-"8-"9-"10-"11-"12)

SCHEME OF STATIONING FOR PAVING
GRADES & CURBINGS PAGES 145-148

A.N. HELLSTROM
D.L. BURKHOLDER
L.W. JONES
R.J. RODRIGUEZ
G.P. ALWIN

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763095 CE #247—7-58

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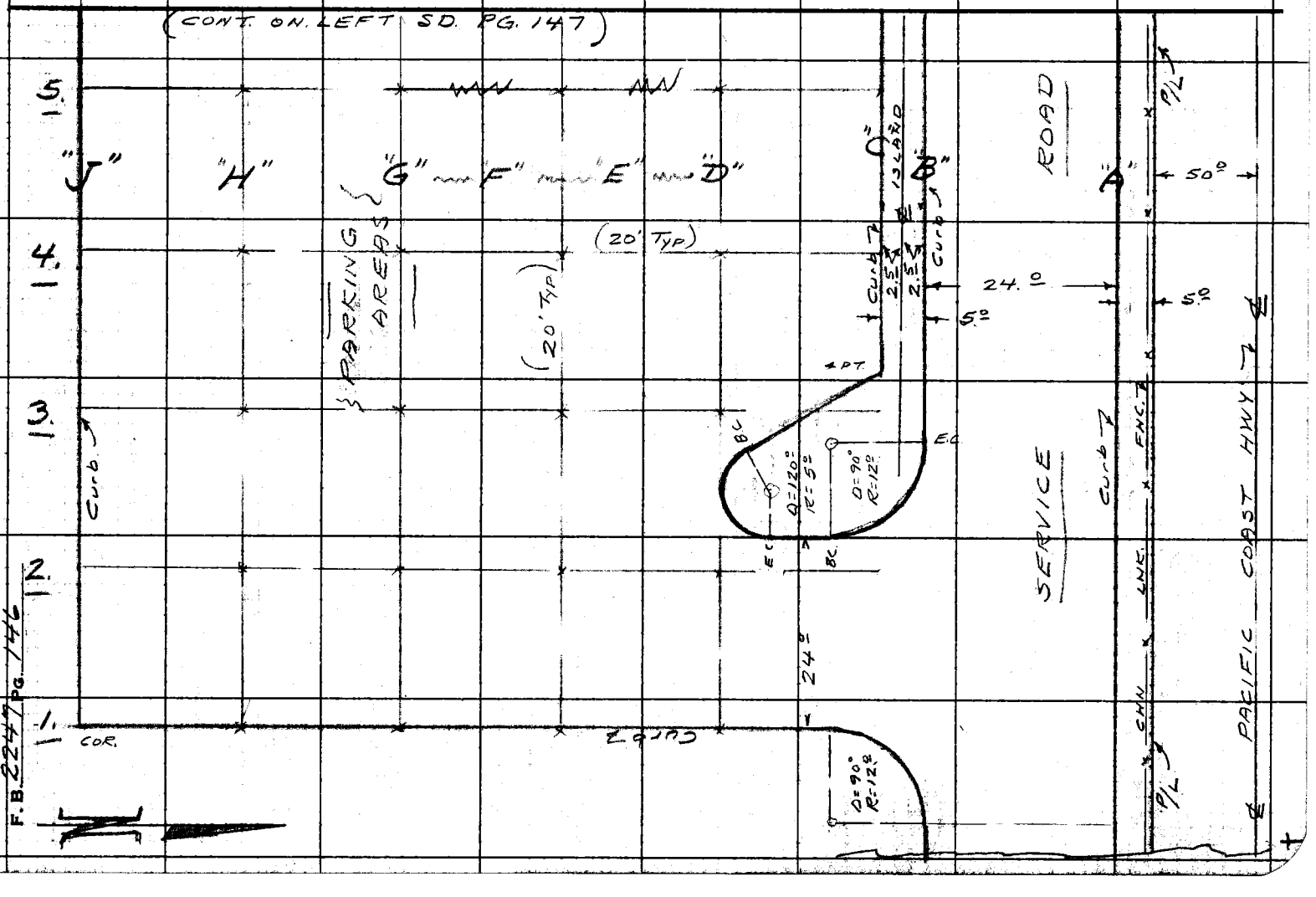
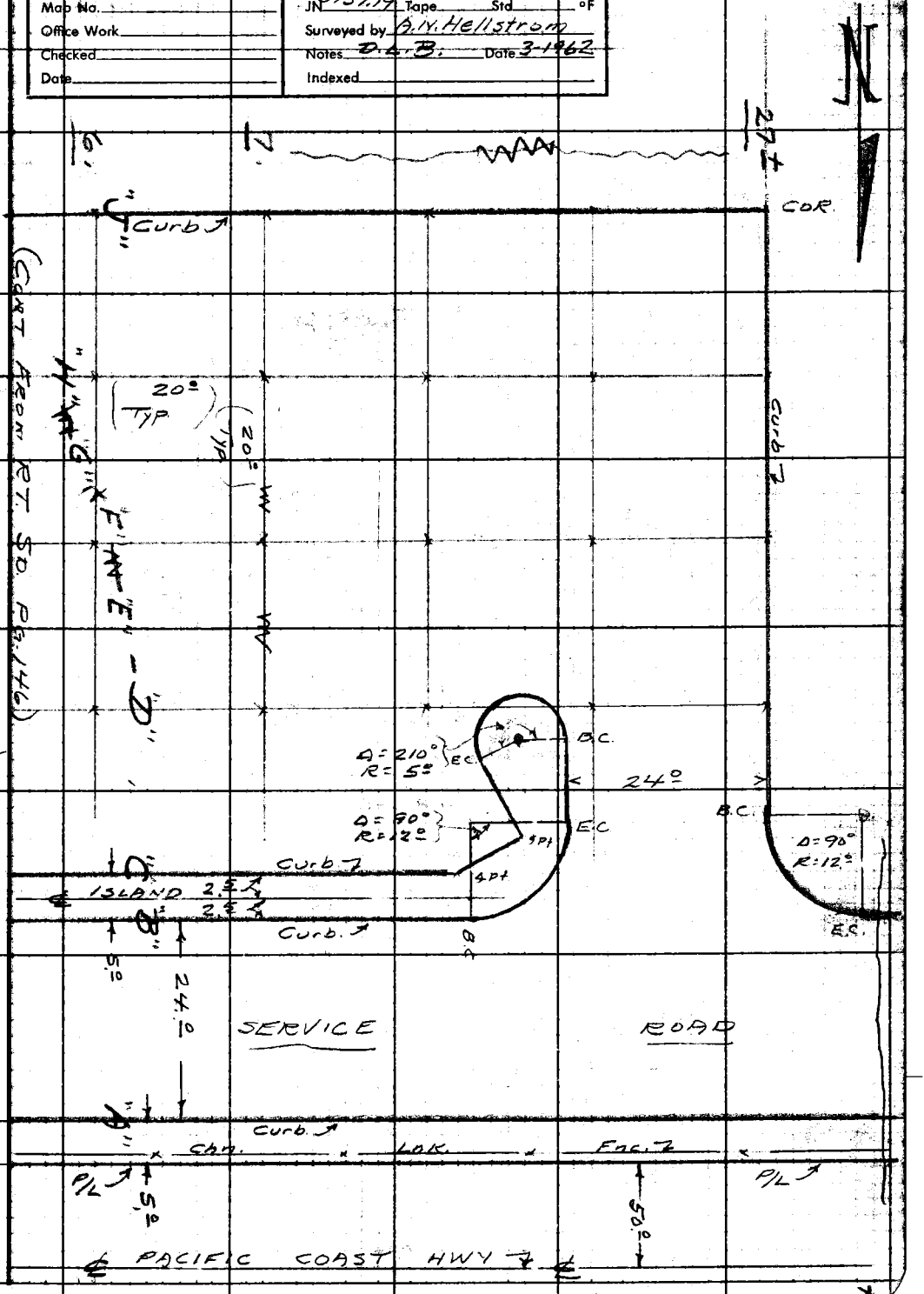
(CONT. ON LEFT SD. PG. 147)



F.B. 2247 PG. 146

Notes Ck'd by	Survey of ZUMA BEACH.
Map No.	JN 8757.19 Tape Std °F
Office Work	Surveyed by A.N. Hellstrom
Checked	Notes D.L.B. Date 3-1962
Date	Indexed

F. B. 2247 PG. 147



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Office Work	Surveyed by A.N. Hellstrom
Checked	Notes A.N.H. Date 3-1962
Date	Indexed H. E. OTT JUN 4 '62

F. B. 2247 PG. 149

J.N. #8757.19

ZUMA BEACH (PHASE II)

NEW LOCATION OF SEPTIC TANK & LEACHING BED FOR COMFORT STATION BETWEEN PARKING AREA #7 & PARKING AREA #8 (MARCH 1962)

(REMOVED FROM OLD LOCATION)

PAGES 149-150

A.N. Hellstrom
D.L. Burkholder
L.W. Jones
R.J. Rodriguez
G.P. Blum

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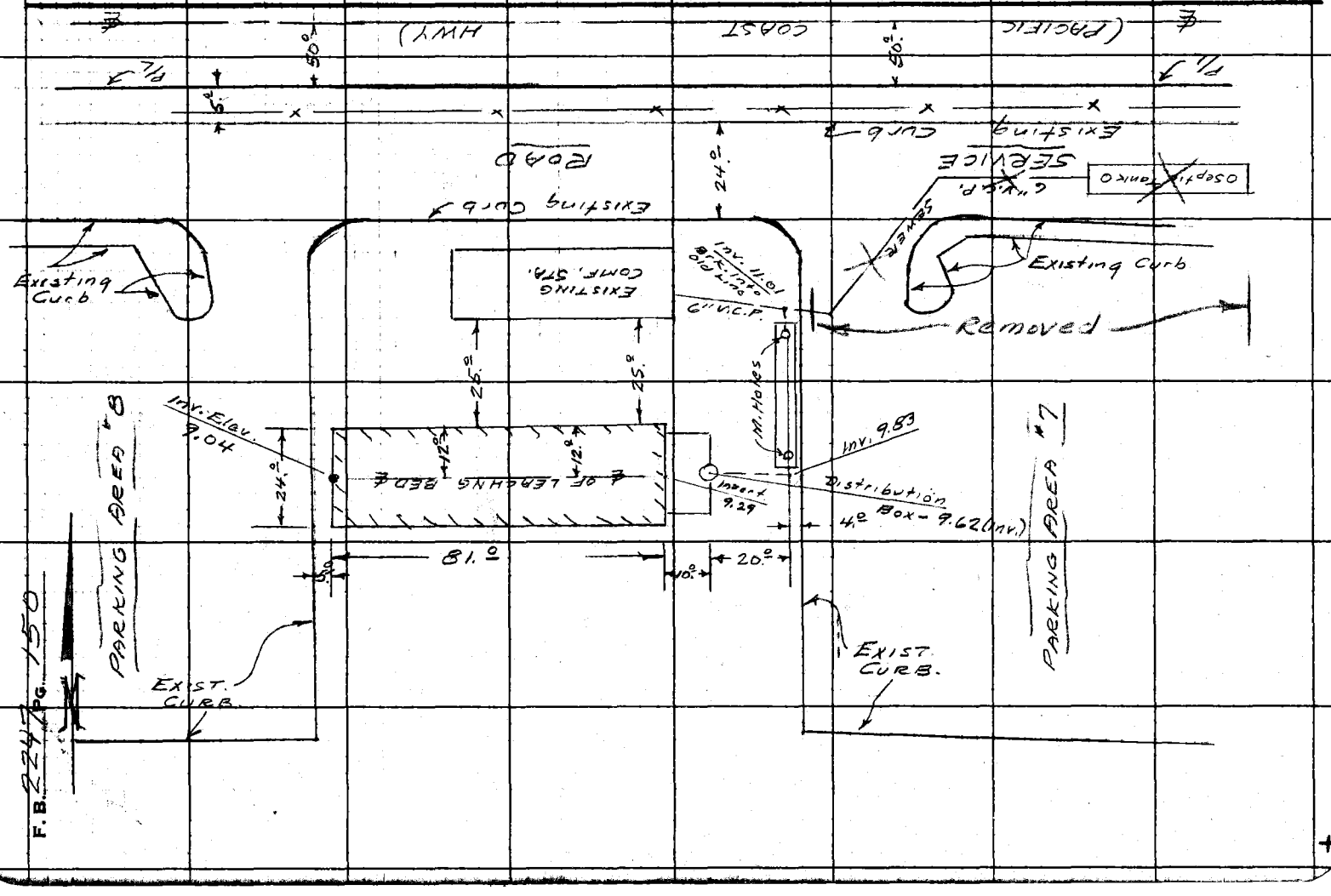

Notes Ck'd by G. E. BARR	Survey of Point Dume Beach State Park
Map No. CSB 2852 T. H. BURNS	JN 0055.78 Tape 101 Std 24 °F
Office Work	Surveyed by R.C. Dale
Checked G. E. BARR	Notes R C D Date 8-14-63
Date 8 1 '63	Indexed C. J. GALLI AUG 21 63

F. B. 2247 Pg. 155

POINT DUME BEACH STATE PARK

JN 0055.78

AUG 14 1963

REE

RS 57-41
TN 13619-3
FB 2100-153/104

PARTY

R.C. DALE
C.H. MORRISON
C.A. PYLE
B.R. JACKSON

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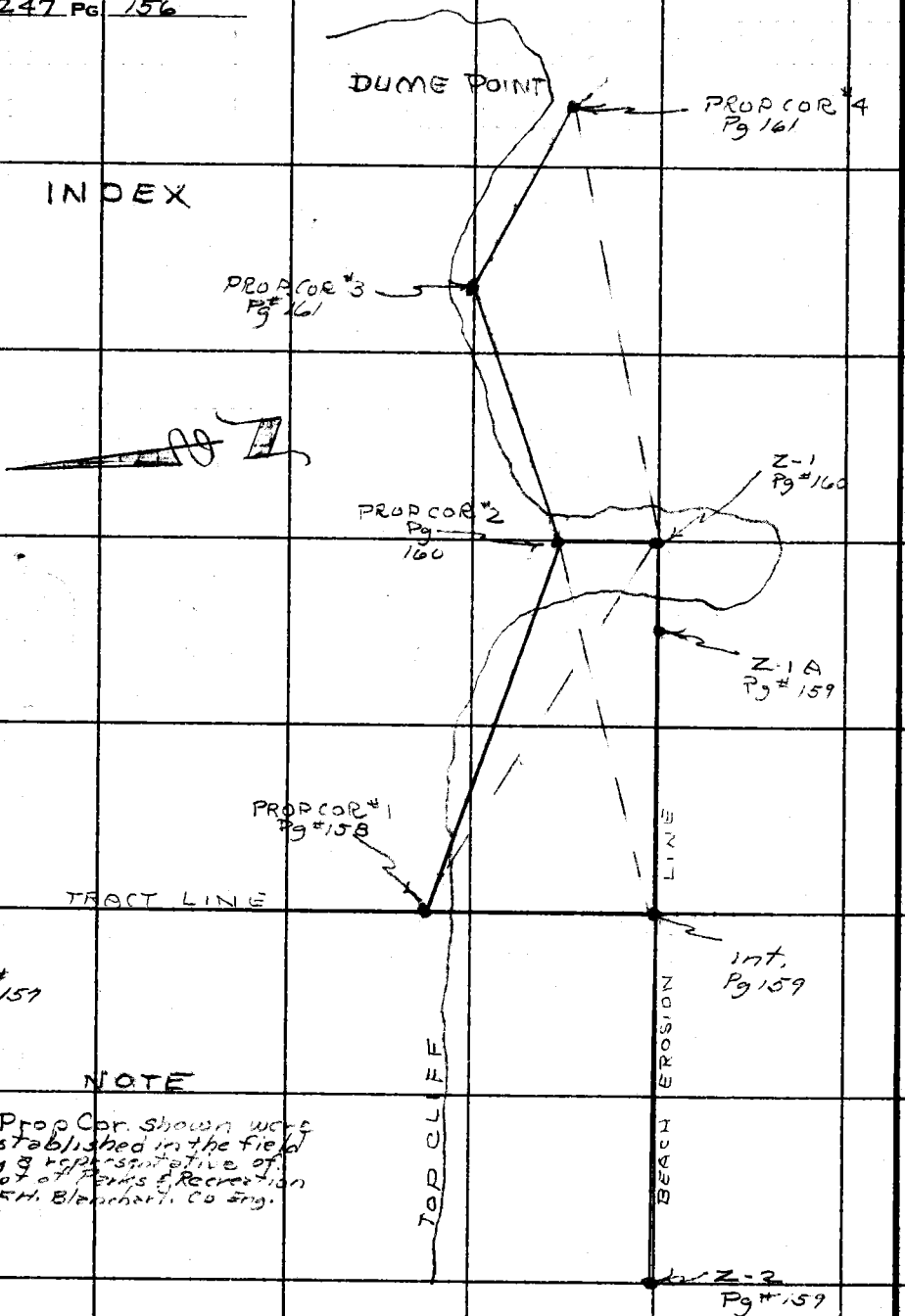
76F309S CE # 310 3-61

F. B. 2247 PG 156



NOTE

Prop Cor. shown were established in the field by a representative of Dept of Parks & Recreation & F.H. Blanchard, Co Eng.

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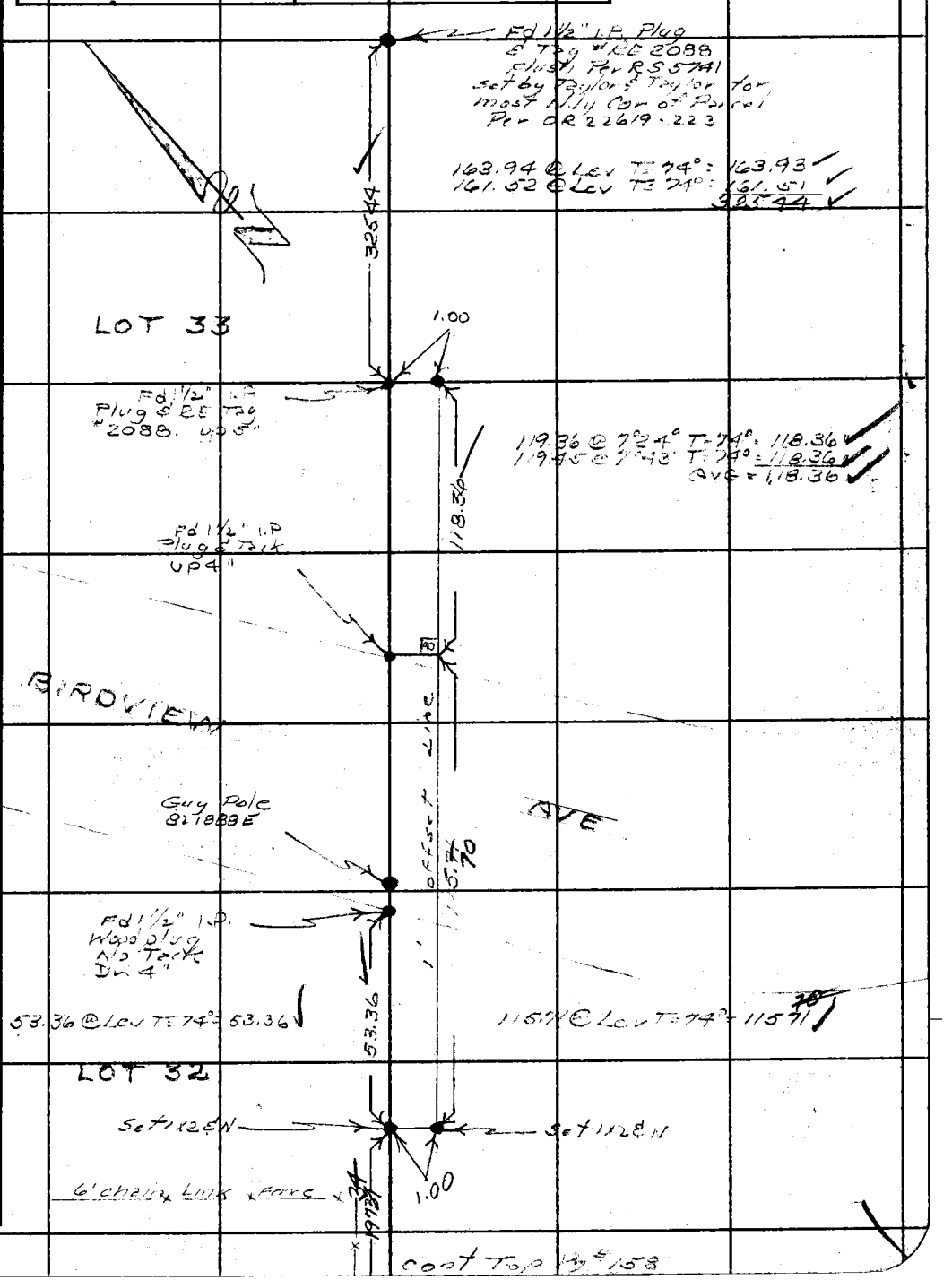
Notes Ck'd by G. E. BARR	Survey of Point Dume Beach State Park
Map No. CSB 2852	JN 0055.18 Tape 101 Std 84 °F
Office Work T. H. BURNS	Surveyed by R. C. Dale
Checked G. E. BARR	Notes R. C. D. Date 3-14-63
Date OCT 2 '63	Indexed C. J. GALLI

F. B. 2247 PG. 157



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

W5 924-5

099-037 A-3

76F3095 CE # 310 3-61

Cont Bot Pg #157

F. B. 2247 PG. 158

129.37 @ 5°41' T=70° = 128.72
129.25 @ 5°20' T=70° = 128.74 = 128.73
68.88 @ 4°47' T=74 = 68.64
68.89 @ 4°51' T=74 = 68.64 = 68.64
197.57

LOT 32

Set 1x2 & N

16.21 @ Lev T=70° = 16.21
14.89 @ Lev T=70° = 14.89

2) 103-01-50 2) 89-43-30
4) 206-03-30 4) 179-26-50
6) 309-05-20 6) 269-10-10
51°-30'-53" 44°-51'-42

Fence

6" chain link

PROP COR #1
Set Std CE Brass Cap Mon Set in Conc. Flush. Mkd as shown

201.24

Cont Bot Left Pg #160

Set 1x2 & N Top Cliff

51°-30'-53"
44°-51'-42"

To Z-1

COUNTY ENGINEER
PROP. COR.
R.E. 5069

Fd 1½" I.P. Plug & RE Tag 20 88 up 12" Leaning in N'wly Dir. Rubble From Cliff has mound This Point. Reset Rec. Dist & on Line from North. Per RS 57-41 13619-3

133.42 @ 30°57' T=66° = 114.40
133.65 @ 31°07' T=66° = 114.40
Avg = 114.40

200.30 @ 17°41' T=78° = 190.83
200.43 @ 17°49' T=78° = 190.81
190.82
10.42 @ Lev T=78 = 10.42
201.24

WESTWARD BEACH RD.

Fd 1½" I.P. Plug & Tag Middle to Road Nor. Tag Dr 3" Per

25.54 @ Lev T=70° = 25.54

Fd 1½" I.P. Plug & Tag Same as above Dr 8"

LOT 96

100.01 @ Lev T=70 = 100.00

Cont Left Pg #159

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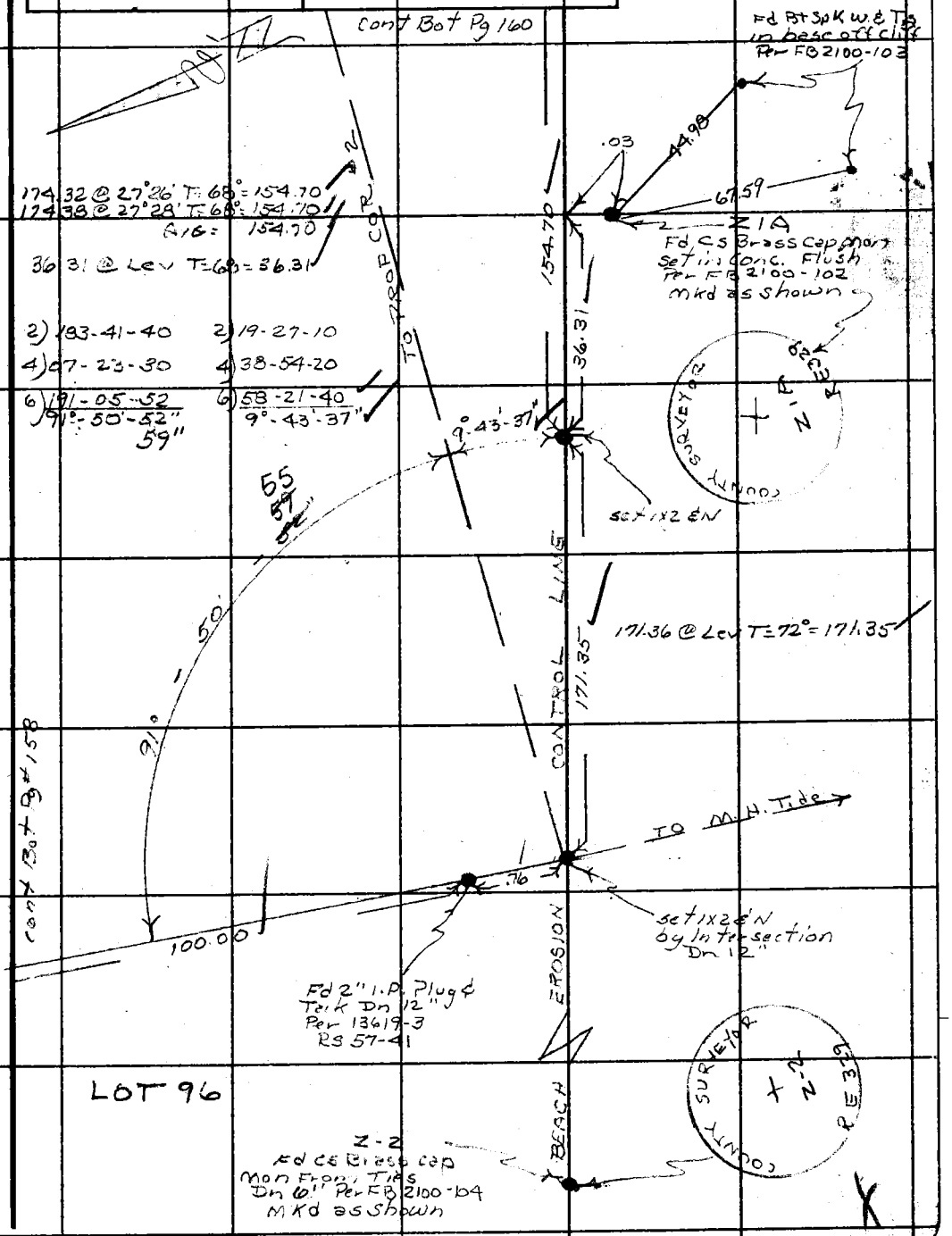
099-0374-3

4592 A-5

Notes Ck'd by G. E. BARR	Survey of Point Dume Beach State Park
Map No. CSB 2852	JN 0055.78 Tape 101 Std 84 °F
Office Work T. H. BURNS	Surveyed by R. C. Dale
Checked G. E. BARR	Notes RCD Date 8/4-63
Date OCT 1 '63	Indexed C. J. GALLI

F. B. 2241 PG. 159



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

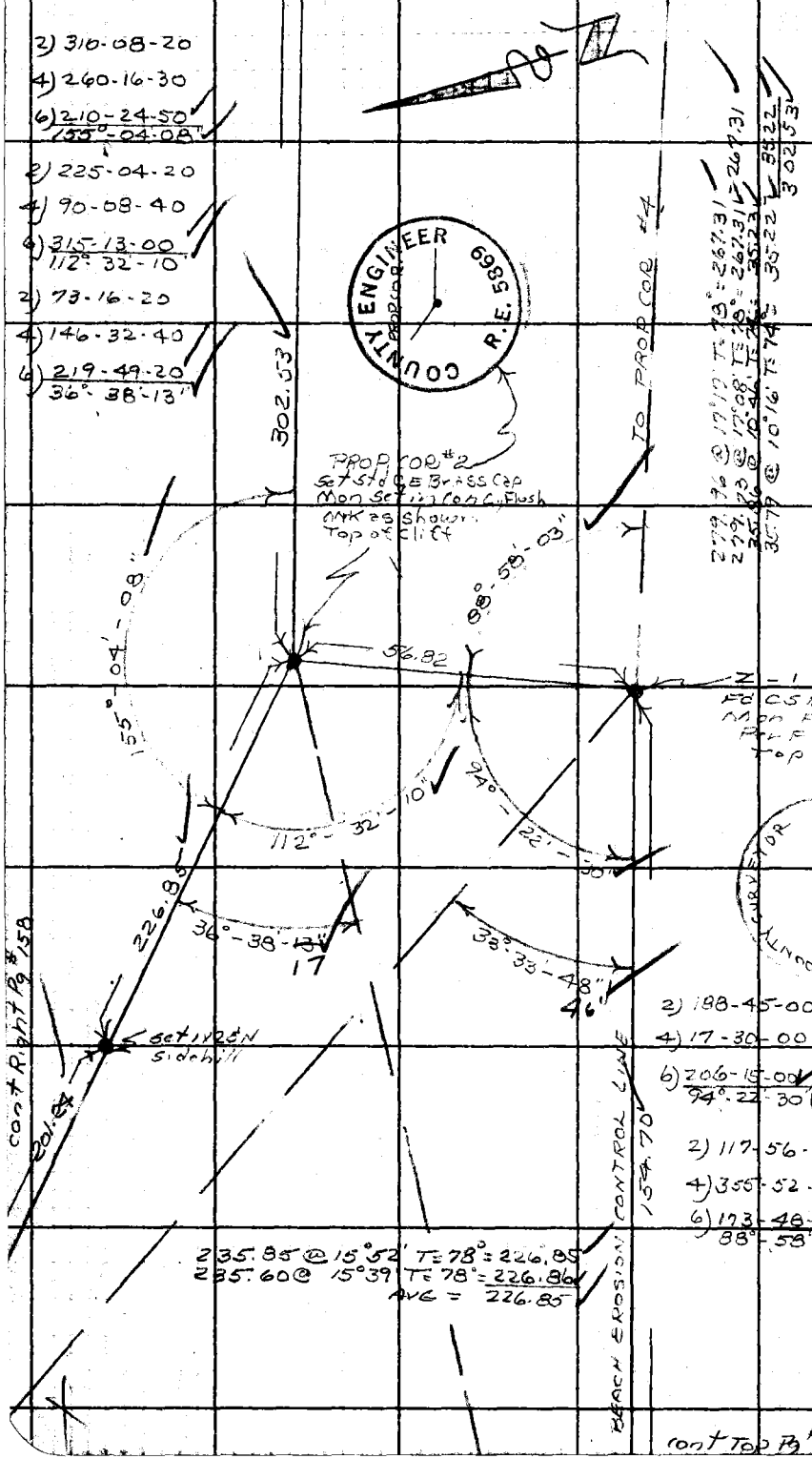
F. B. 2248 7 PG. 160

cont BOT Pg #161

2) 310-08-20
4) 260-16-30
6) 210-24-50
155°-04-08"

2) 225-04-20
4) 90-08-40
6) 315-13-00
112°-32-10

2) 73-16-20
4) 146-32-40
6) 219-49-20
36°-38-13"



279.96 @ 17°17' T=78° = 267.31
279.73 @ 17°08' T=78° = 267.31
35.86 @ 10°46' T=74° = 35.23
35.79 @ 10°16' T=74° = 35.22
302.53

2) 188-45-00
4) 17-30-00
6) 206-15-00
94°-22-30

2) 67-07-30
4) 134-15-10
6) 201-22-50
33°-33'-48"

2) 117-56-00
4) 355-52-10
6) 173-48-20
88°-58'-03"

235.85 @ 15°52' T=78° = 226.85
235.60 @ 15°39' T=78° = 226.86
AVG = 226.85

cont Top Pg #159

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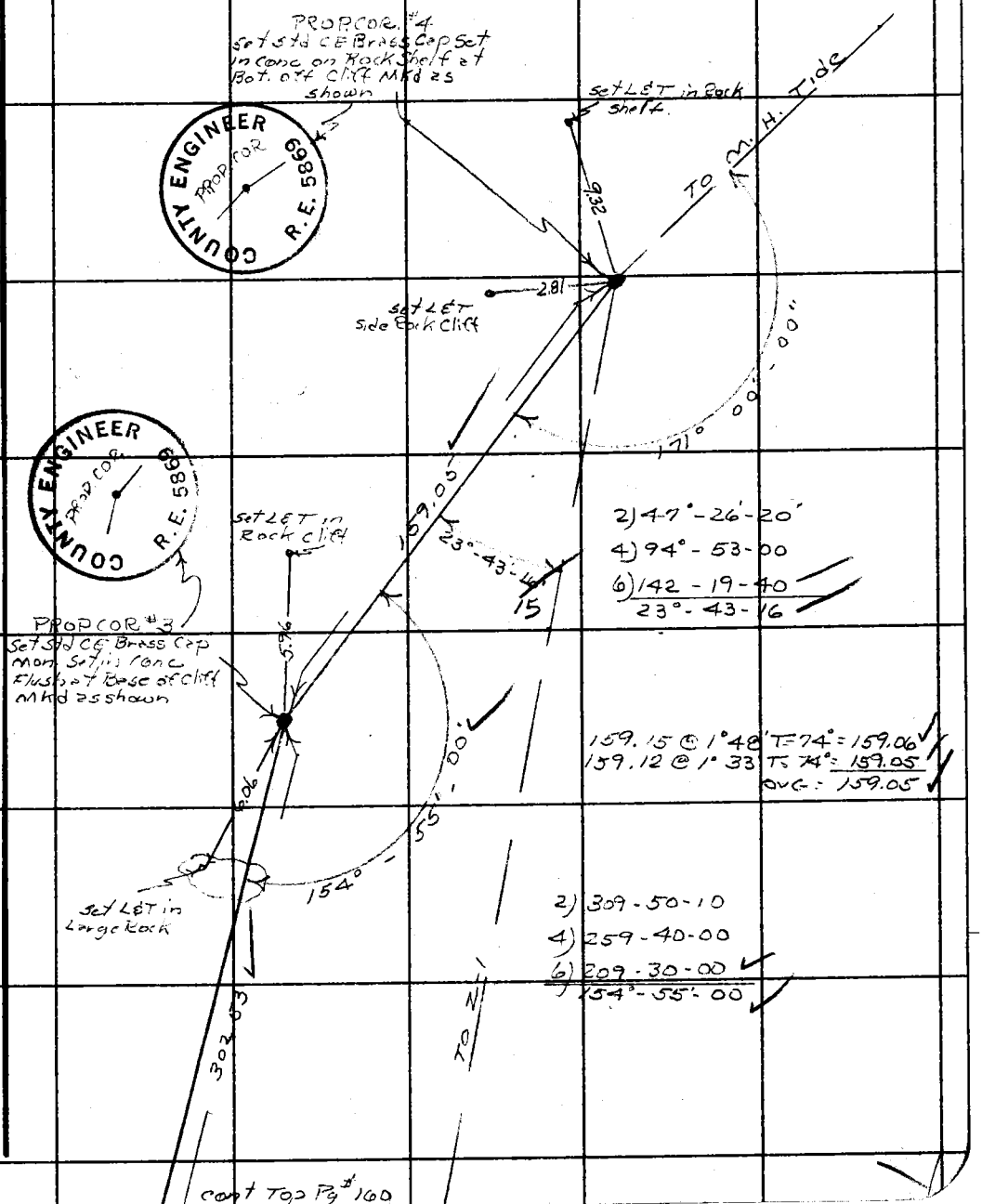
Notes Ck'd by G. E. BARR	Survey of Point Dume Beach State Park	F. B. 2248 Pg. 161
Map No. CSB 2852	JN 0055.73 Tape 101 Std 84 °F	
Office Work T. H. BURNS	Surveyed by R C Dale	
Checked G. E. BARR	Notes R.C.D. Date 8-16-63	
Date OCT 1 '63	Indexed C. J. GALLI	



cont Top Pg #160

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76F3098 CE # 310 3-61

F.B. 2247 Pg 163

Profile No. ____ X-Sec. No. ____ | Notes Red ____ Date ____ Notes Chkd. HJA Date 7-16-69 | Plotted ____ Date ____ Checked ____ Date ____ | Job No. 0430.02 Division No. ____ | Survey of ZUMA BEACH COUNTY PARK | Survey by J.T. Notes J.T. Date 7-2-69 | Map No. ____ Indexed H. E. OTT Date 7-14-69

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STATION	B.S.	H.I.	F.S.	ELEV.	
			REF: F.B. 1369 F.B. 930		PARTY J. TEPPAHOVA C. YASUI G. MASUDA W. DIETZ

ZUMA BEACH COUNTY PARK

VERTICAL CONTROL FOR P.T. SH. H-201
PROPOSED LIFE GUARD STATION
ELEV. CHECK ON J-11A = B.M. 48-127

J.N. 0430.02

JULY 1969

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 2247 Pg. 164 Job No. 04302 Division No. Notes Red Plotted Profile
Survey of Zuma Beach County Park Date Date No. X-Sec.
Survey by J.T. Notes J.T. Notes Chkd H.A. Checked
Indexed H.E. Ott Date 7-2-69 Date 7-16-69 Date No.

STATION	B.S.	H.I.	F.S.	ELEV.	
FD. B.M. ~ I 10C = # 48-129	7 235	22 484		15 249	PACIFIC COAST HWY. ZUMA BEACH, EAST'LY END; # ABOUT 0.65 MILE S.W. OF THE ZUMA CREEK BRIDGE # 53-28 IN A WELL CUT THROUGH THE PAVEMENT & PROTECTED BY A CAST IRON COVER. A STANDARD 4" BRASS TABLET IN CONC. 2" BELOW SUBGRADE OF THE HWY. INSCRIBED "L.A. Co SURV. CONTR. SYS. TRAV. STA. DUME POINT I-10C 1950 F.B. 930-234 F.B. 1369- PRECISE BENCH 48-129 ELEV. = 15.249
SET T.B.M.	8 342	23 277	7 549	14 935	PACIFIC COAST HWY, ZUMA BEACH EAST'LY END 274' ± EASTLY OF EASTLY. END OF LIFE GUARD STA. & 11' ± SLY. OF P.P. (NO NUMBER) & IN CONC. CURB. SM. BT. SPK. IN LD.
T.P.	9 800	24 634	8 443	14 834	T.P.
T.P.	6 285	26 306	4 613	20 021	T.P.
FD. B.M ~ J-10 = # 48-128	6 766	26 817	6 255	20 051	PACIFIC COAST HWY. ZUMA BEACH EAST'LY END ABOUT 0.5 MILE S.W. OF THE ZUMA CREEK BRIDGE # 53-28 A STD. 4" BRASS TABLET IN CONC 8" BELOW GRADE OF THE HWY. INSCRIBED "L.A. Co SURV. CONT. SYS. TRAV. STA. DUME POINT J-10 1950 F.B. 930-234, F.B. 1369 = PRECISE BENCH # 48-128, ELEV. = 20.043
T.P.	5 964	27 577	5 204	21 613	T.P.
T.P.	4 981	27 019	5 539	22 038	T.P.
FD. B.M ~ J-11 A = # 48-127	6 208	27 900	5 327	21 692	PACIFIC COAST HWY, ZUMA BEACH ABOUT 0.35 MILE WESTERLY OF ZUMA CREEK BRIDGE # 53-28 125.5 FEET N.ELY. OF THE N.E. CORNER OF COMFORT STATION # 2470 AT ZUMA BEACH, 104.8 FT. S.ELY. OF TELE. POLE # 29781 Y, 40.0 FT. SLY. OF THE ℄ OF HWY. & ELY. 68.6 FT. OF TRANS. POLE # 3007008, A STANDARD L.A.Co. SURVEY CONTROL SYS. TRAVERSE STATION DISK SET IN CONC. 4" BELOW SURFACE INSCRIBED "DUME POINT J-11 A, 1950 THIS B.M. DOES NOT CHECK RECORD ELEV. 22.979 PER F.B. 1369-107 & MAY HAVE BEEN RESET F.B. 930-237
T.P.	5 564	27 662	5 802	22 098	T.P.
T.P.	5 242	26 853	6 051	21 611	T.P.
T.P.	6 252	26 301	6 804	20 049	T.P.

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.		
		26 301				
T.P.	4 392	24 445	6 248	20 053	T.P.	
T.P.	1 261	18 935	6 771	17 674	T.P.	
T.P.	9 460	22 146	6 249	12 686	T.P.	
FD. B.M.~I 10C = # 48-129			6 897	15 249	B.M.~I 10C = # 48·129	SEE DISC. AT
					BEGIN OF CIRCUIT.	ELEV. = 15.249

Profile Notes Red. Plotted Job No. 4430.02 Division No.
No. Date Survey of ZUMA BEACH COUNTY PARK
X-Sec. Notes Chkd. H.H. Date Checked Survey by J.T. Notes J.T. Date 7-2-69
No. Date 7-16-69 Date Map No. Indexed H. E. OTT Date 8-1-69

F. B. 2247 Pg. 165

Notes Ck'd by R. HILARIO	Survey of WESTWARD BEACH RD
Map No.	JN 0303.00 Tape 127 Std E ℄ °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 9-13-72
Date	Indexed G. D. BAILEY SEP 17 '72

F. B. 2247 PG. 167

J.N. 0303.00

MALIBU AREA DIV. 1

SURVEY OF WESTWARD BEACH RD.

IN THE AREA OF LOT 28

12_S. 57-41 FOR THE PURPOSE

OF DETERMINING IF THE NEW

IMPROVEMENTS ALONG WESTWARD

BEACH ROAD ARE ENCROACHING

INTO 12. S. 57-41 IN THE AREA

OF LOT 28.

9-13-72

LIND

ADAMS

TOLLISON

MASUDA

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76F309S CE#310 3-68

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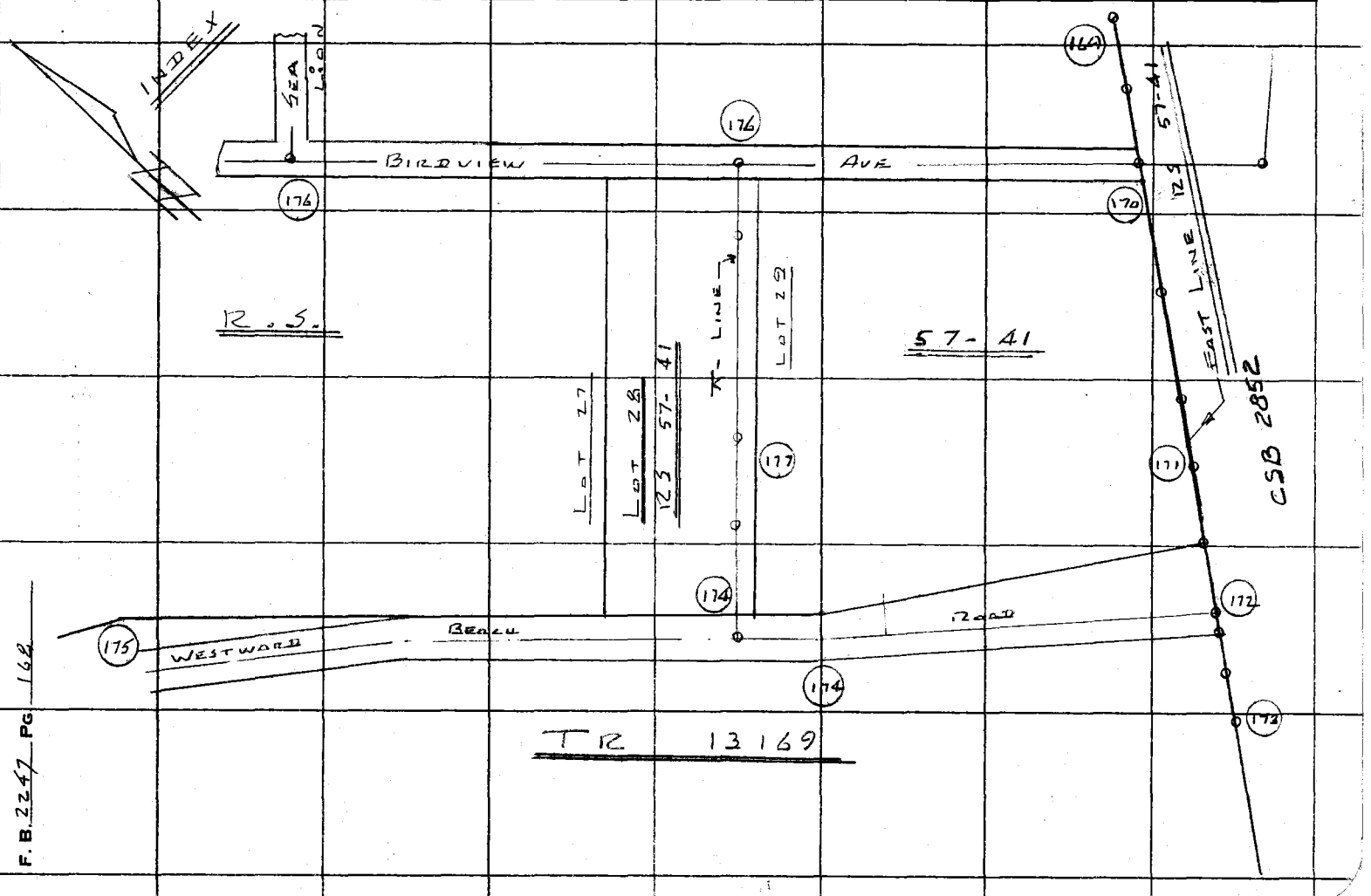

F.B. 2247 PG 162

Notes Ck'd by R HILARIO	Survey of MALIBU AREA DIV. 2
Map No.	JN 0303.00 Tape 167 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 9-13-72
Date	Indexed G. D. BAILEY OCT 17 72

F. B. 2247 PG. 169

END SURVEY

R.S. 57-50

SET 1"x2' & NAIL FLUSH

1.00

FOUND 2" I.P. CEM. PLUG AND R.E. TAG # 2088 FLUSH PER R.S. 57-41 AND F.B. 2797 - 87 AND F.B. 2247 - 157

T= 72°

289.92 LEV= 289.90 ✓

289.90

57-41

POT

SET 2" I.P. CEM. PLUG AND L.A. CO. ENGR TAG DOWN "18"

SET 1"x2' & NAIL FLUSH

1.00

MADE SEARCH FOR 1½" I.P. CEM. PLUG & R.E. TAG. R.E. 2088. THIS POINT IS 324.82 OF FOUND 2" I.P. AT ANGLE PT. TO THE N.E. FOUND THIS PIPE LYING HORIZ. ON SURFACE OF GROUND. THE PIPE PROBABLE KNOWED OUT BY WEED ABATEMENT. REF. FB 2797 - 119

R.S. 57-41

178.09

E.L.Y. LINE OF R.S.

1.00 OFFSET LINE

T= 72°

72.64 LEV. = 72.63 = 72.63 ✓

106.14 @ 276°26' = 105.46 ✓ 105.46

106.25 @ 276°55' = 105.47

TOTAL = 178.09

TO TOP PAGE 170

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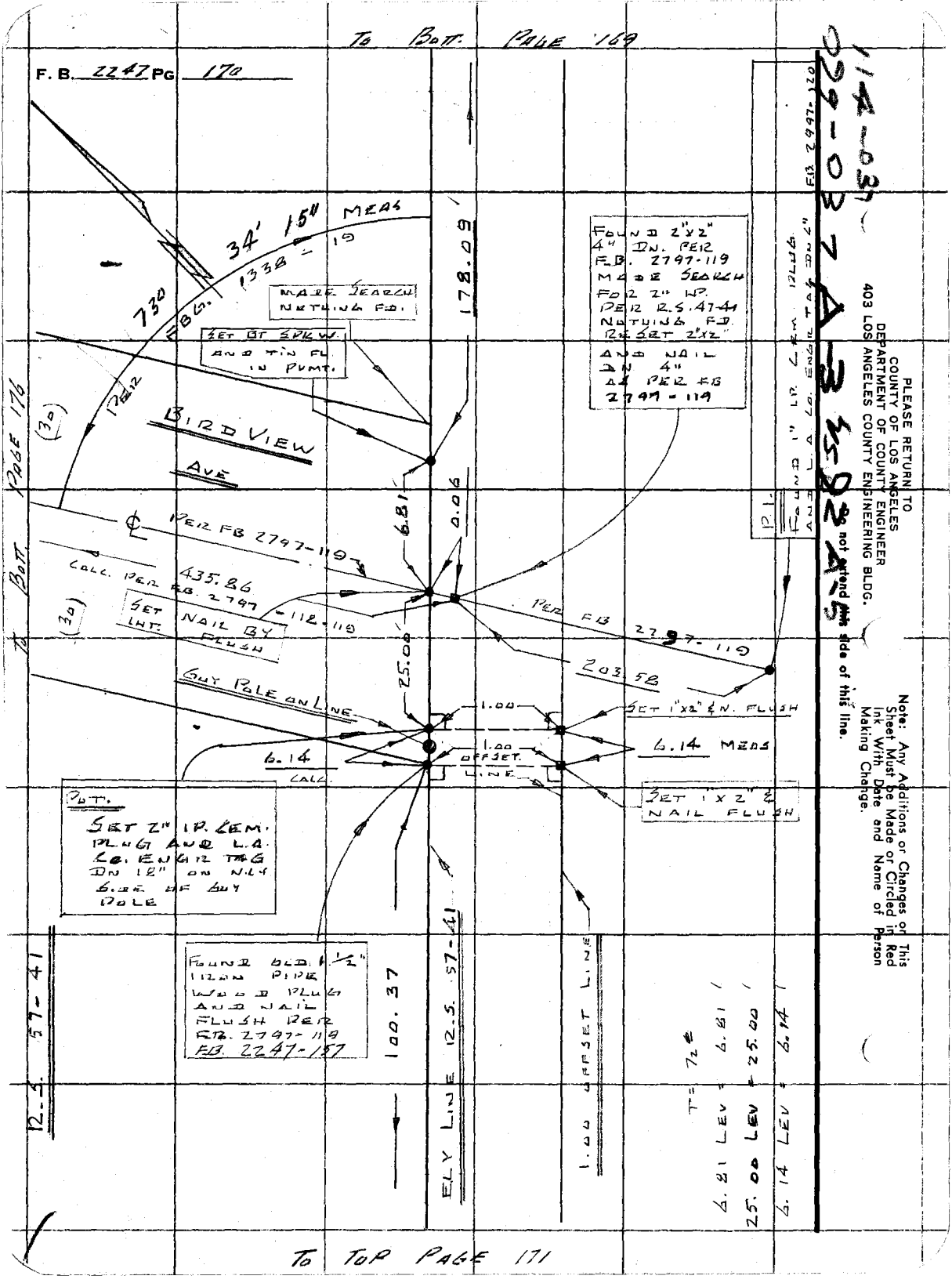
114-037

W.S. 099-037 A-2

76F309S CE#310 3-68



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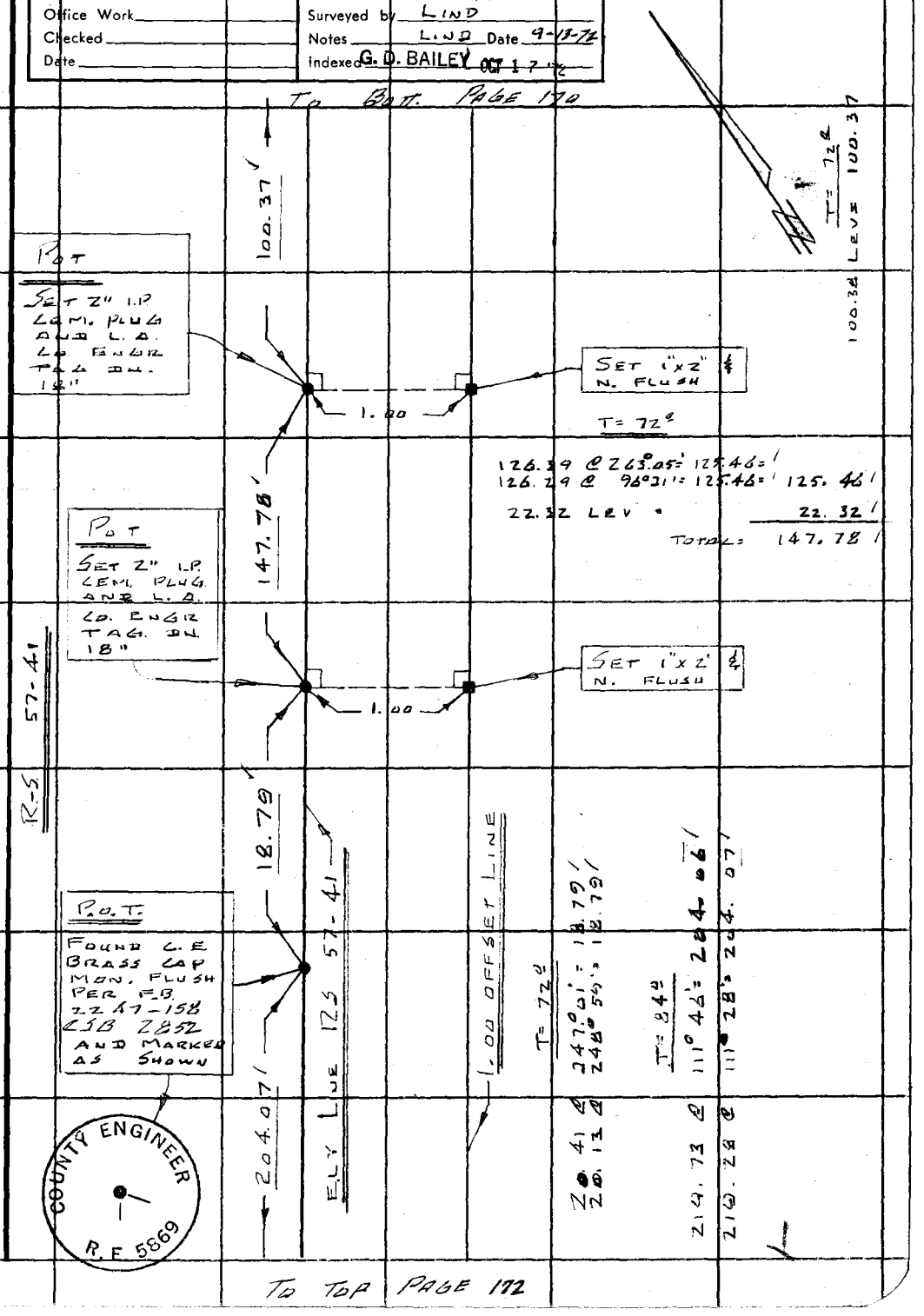
Notes Ck'd by R. HILARIO	Survey of Malibu Area Div. 1
Map No.	JN 0303.40 Tape 167 Std 84 °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 9-13-72
Date	Indexed G. D. BAILEY OCT 17 '72

F. B. 2247 PG. 171



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76F3095 CE#310 3-68

F. B. 2247 PG 172

099-037 11-037 A-3 6092A-5

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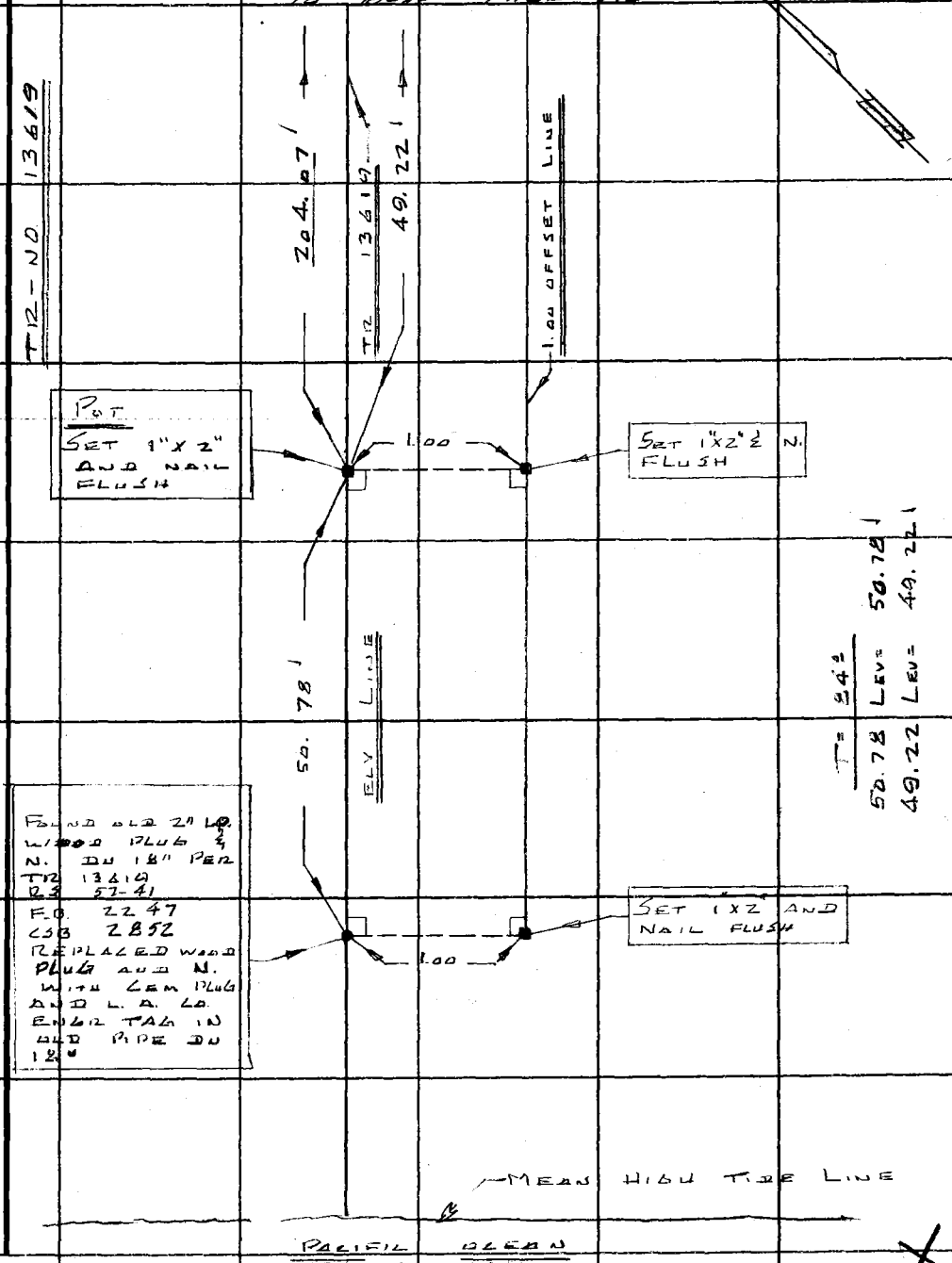
Notes Ck'd by R. HILARIO	Survey of MALIBU AREA DIV. 2	F. B. 2247 PG. 173
Map No.	JN 0303.00 Tape 167 Std 84 °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 9-13-72	
Date	Indexed G. D. BAILEY 09 17 72	



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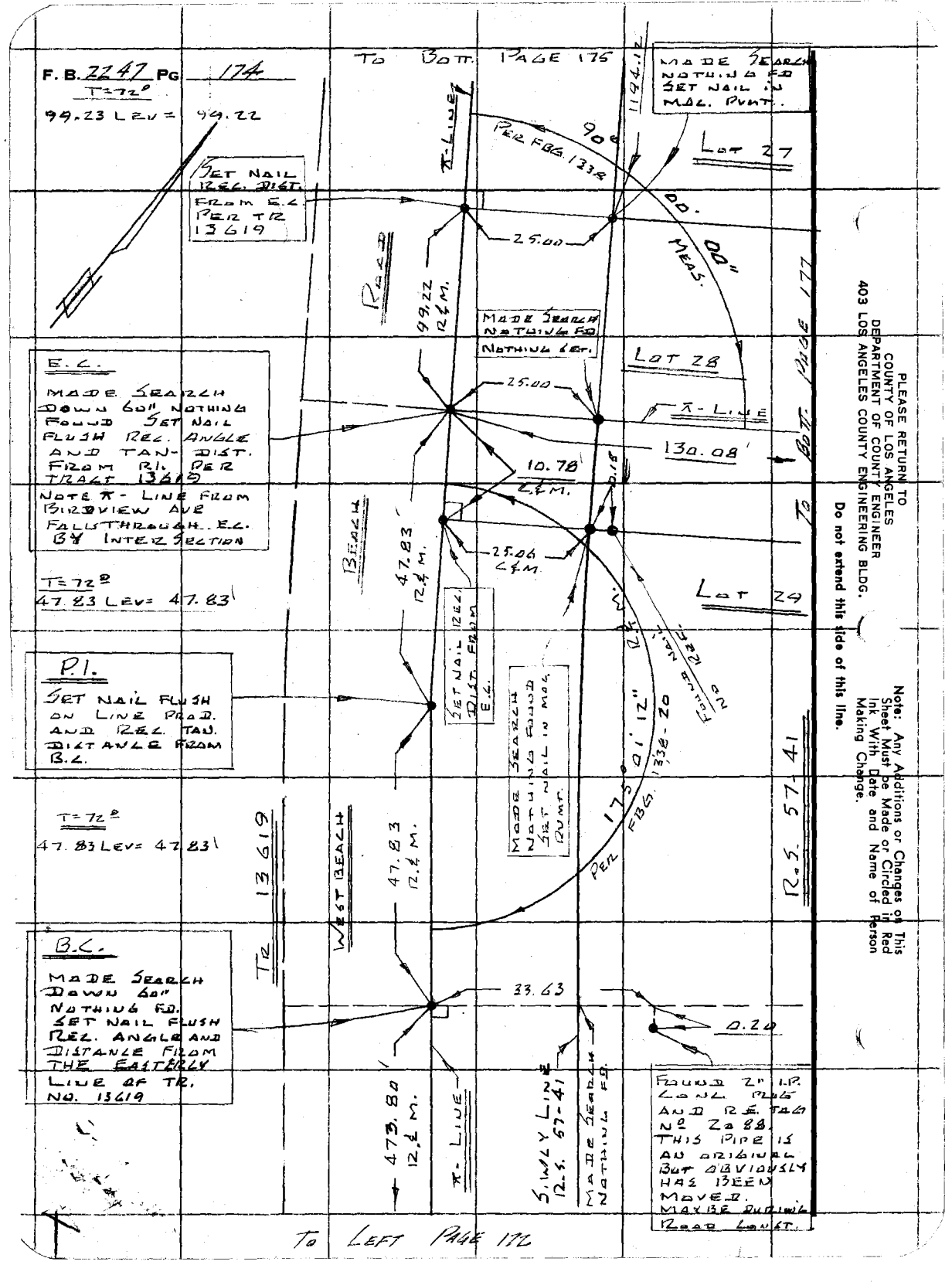
76F3095 CE#310 3-68



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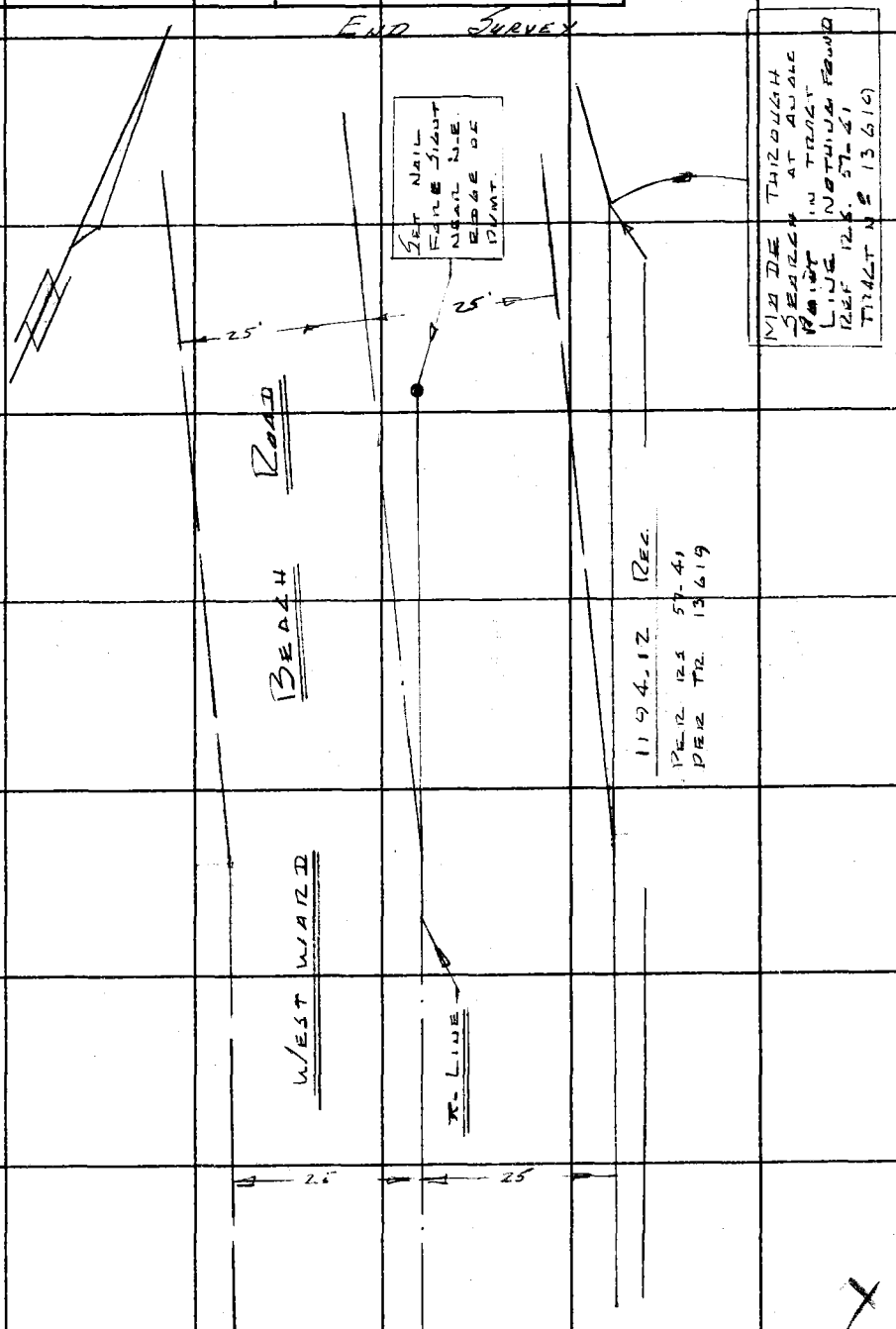
Notes Ck'd by R. HILARIO	Survey of MALIBU AREA DIV. 1	F. B. 2247 PG. 175
Map No.	JN 0363.00 Tape 167 Std 84 °F	
Office Work	Surveyed by LIND	
Checked	Notes LIND Date 9-13-72	
Date	Indexed G. D. BAILEY OCT 17 '72	



TO TOP PAGE 174

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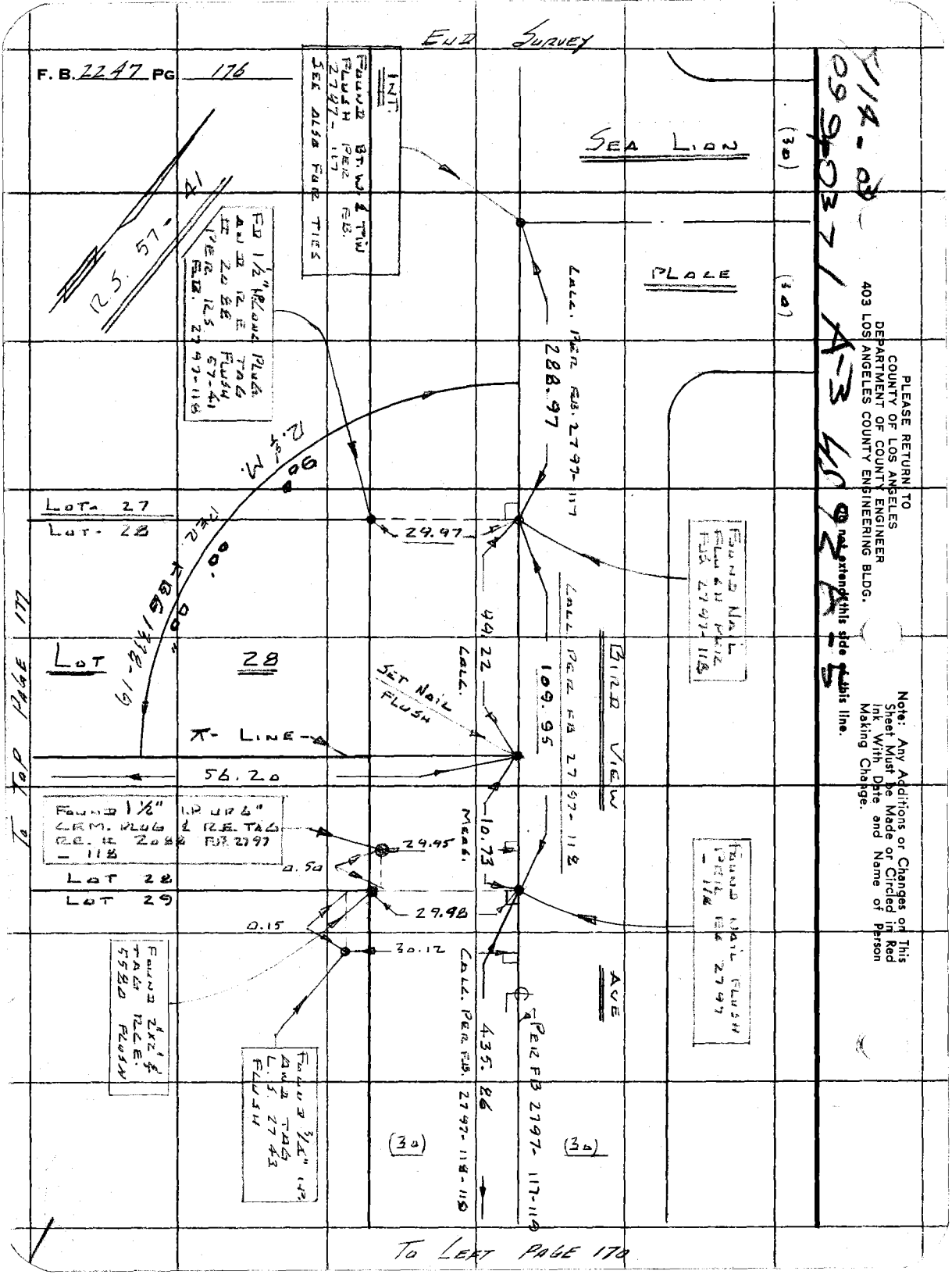

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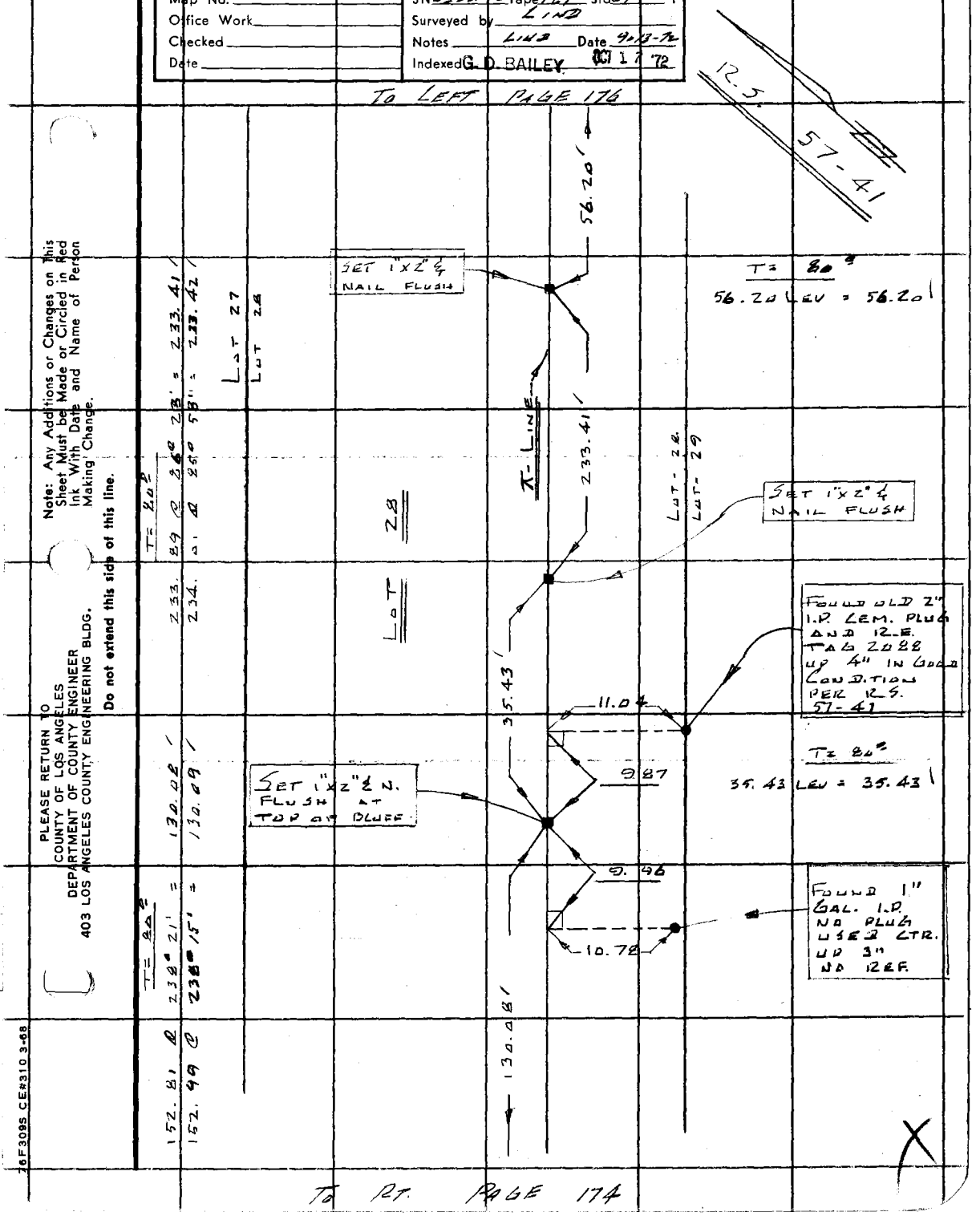
114-03
099037 A-3 45 92 D-5

Notes Ck'd by R. HILARIO	Survey of MALIBU AREA DIV. 2
Map No.	JN 4303.00 Tape 167 Std 84° °F
Office Work	Surveyed by LIND
Checked	Notes LIND Date 9-13-72
Date	Indexed G. D. BAILEY OCT 17 '72

F. B. 2247 PG. 177



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Notes Ck'd by R. HILARIO	Survey of WESTWARD BEACH RD F. B. 2247 PG. 179
Map No.	JN #303.00 Tape — Std — °F
Office Work	Surveyed by C.K. LIND
Checked	Notes C. ADAMS Date 9-12-72
Date	Indexed G.D. BAILEY OCT 1 7 '72

LOCATION OF IMPROVEMENTS
ADJACENT TO LOT 28
R.S. 57-41

ALONG WESTWARD BEACH RD.

9-12-72

LIND

ADAMS

TOLLISON

MASUDA

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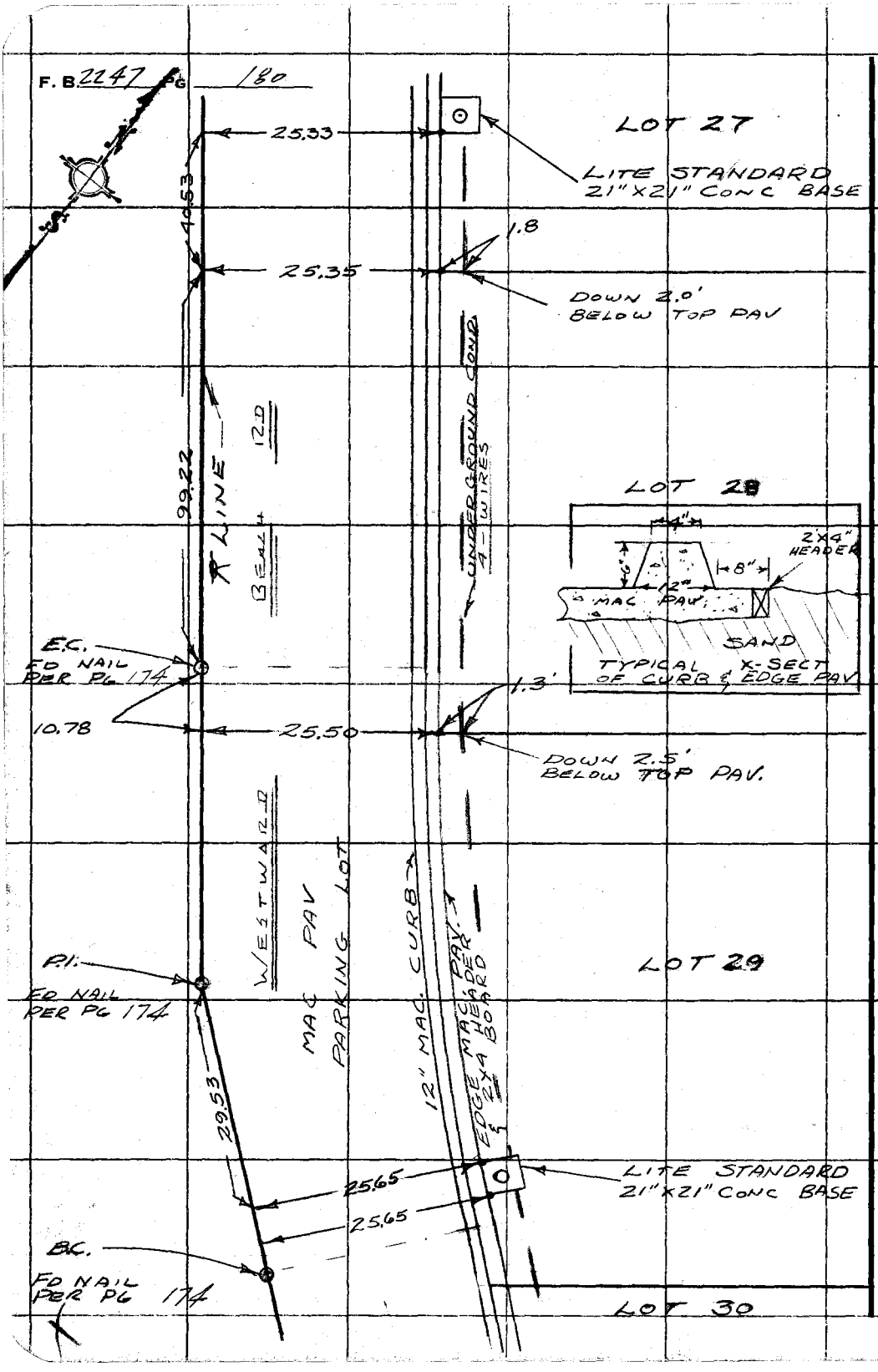
6F3095 CE#310 3-68



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WESTWARD BEACH

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

Survey of PARK. LOT PROP.
JN 00556 Tape 167 Std 84 °F
Surveyed by B. JACKSON
Notes B JACKSON Date 2-27-73
Indexed T. M. PALMERI MAR 27 1973

F. B. 2247 PG. 181

WESTWARD BEACH
PARKING LOT PROPERTY

J.N. 00556

SURVEY TO CHECK POSSIBLE ENCROACHMENT OF PARKING LOT AT WESTWARD BEACH.

FEB 73
PARTY
JACKSON
TOLLISON
MITCHELL

REF:
F.B. 2797
F.B. 2247
R.S. 57-41
TR NO 13619

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16F309S CE#310 3-68

F. B. 2247 PG 182

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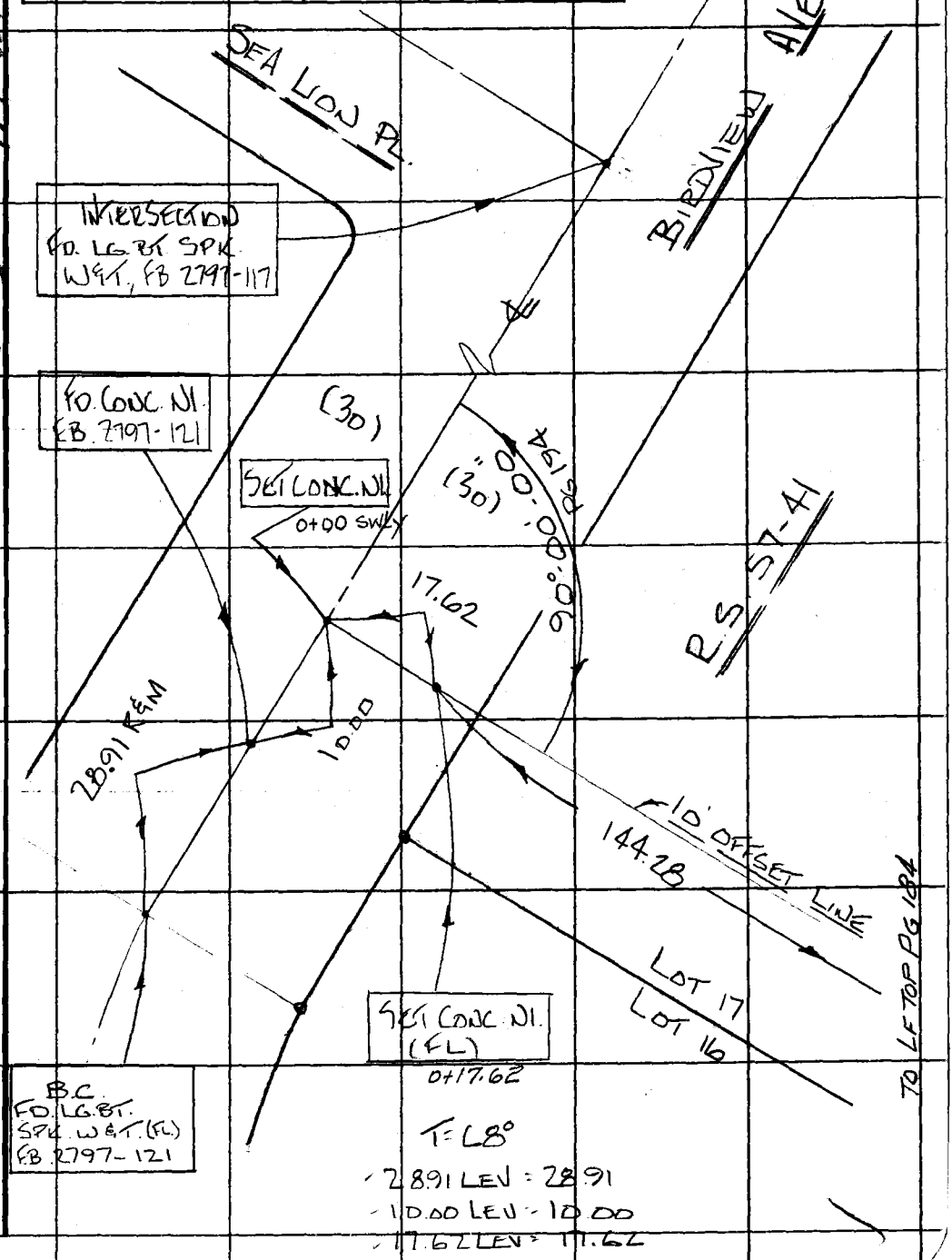
WESTWARD BEACH

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

Survey of PARK LOT PROP.
JN 00551 Tape 167 Std. 84 °F
Surveyed by B. JACKSON
Notes B. JACKSON Date 2-27-73
Indexed I. M. PALMER MAR 27 1973

F. B. 2247 PG. 183



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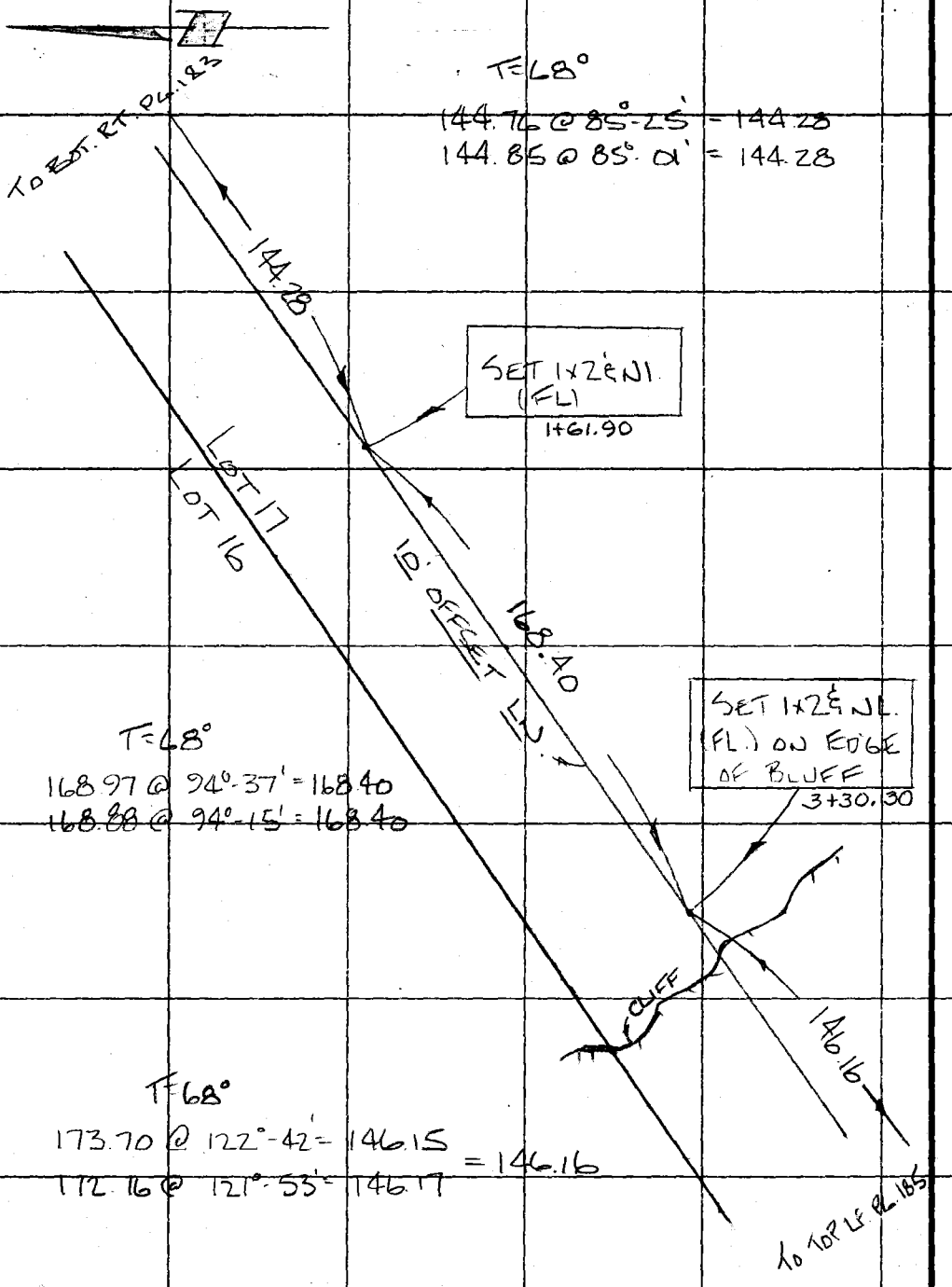
16F309S CE#310 3-68

F. B. 2247 PG. 184



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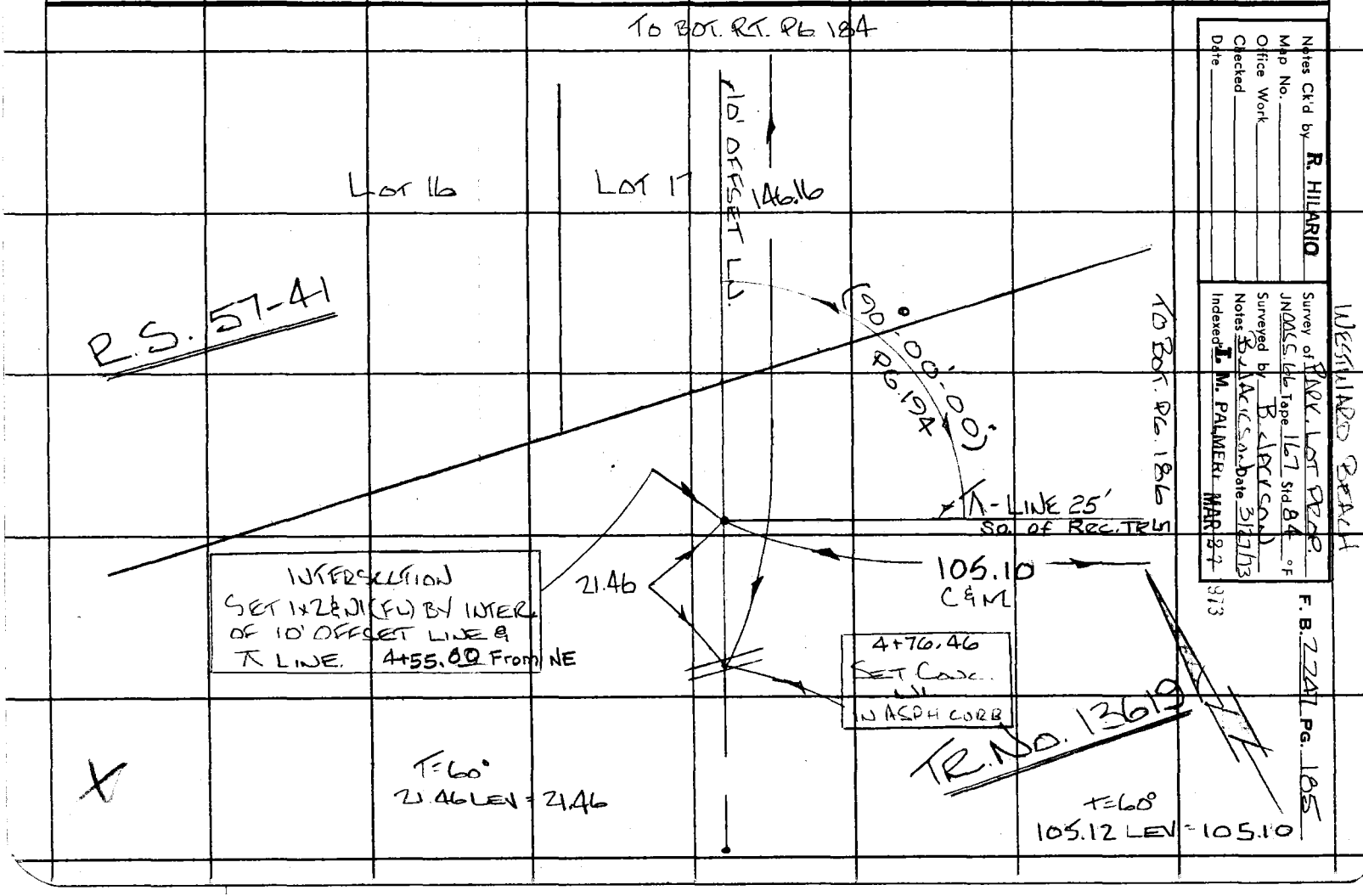
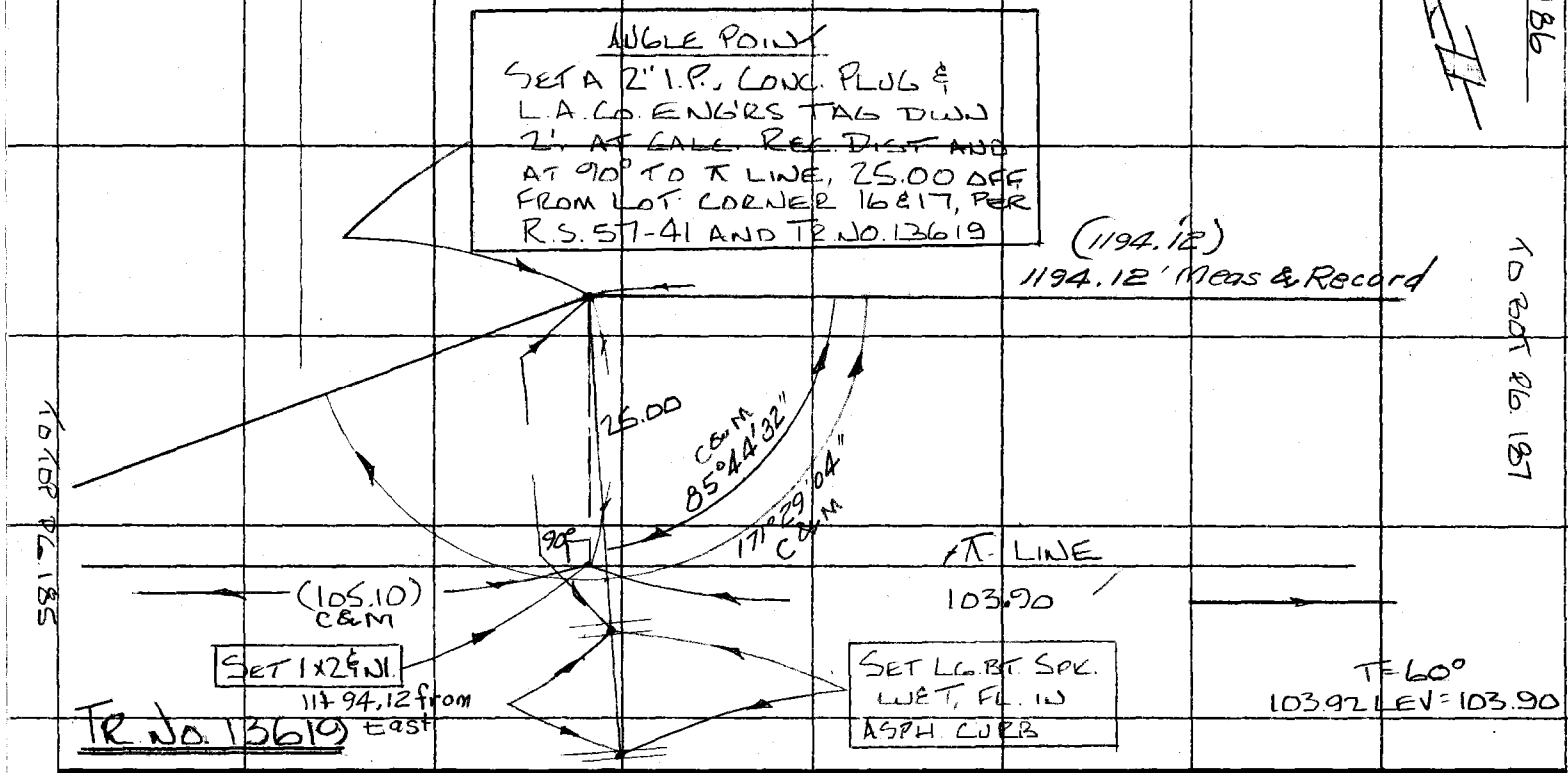


R.S. 57-41

T=68°
23.43 @ 74°47' = 22.61
23.35 @ 75°38' = 22.60
2.40 @ LEV = 2.40
25.00



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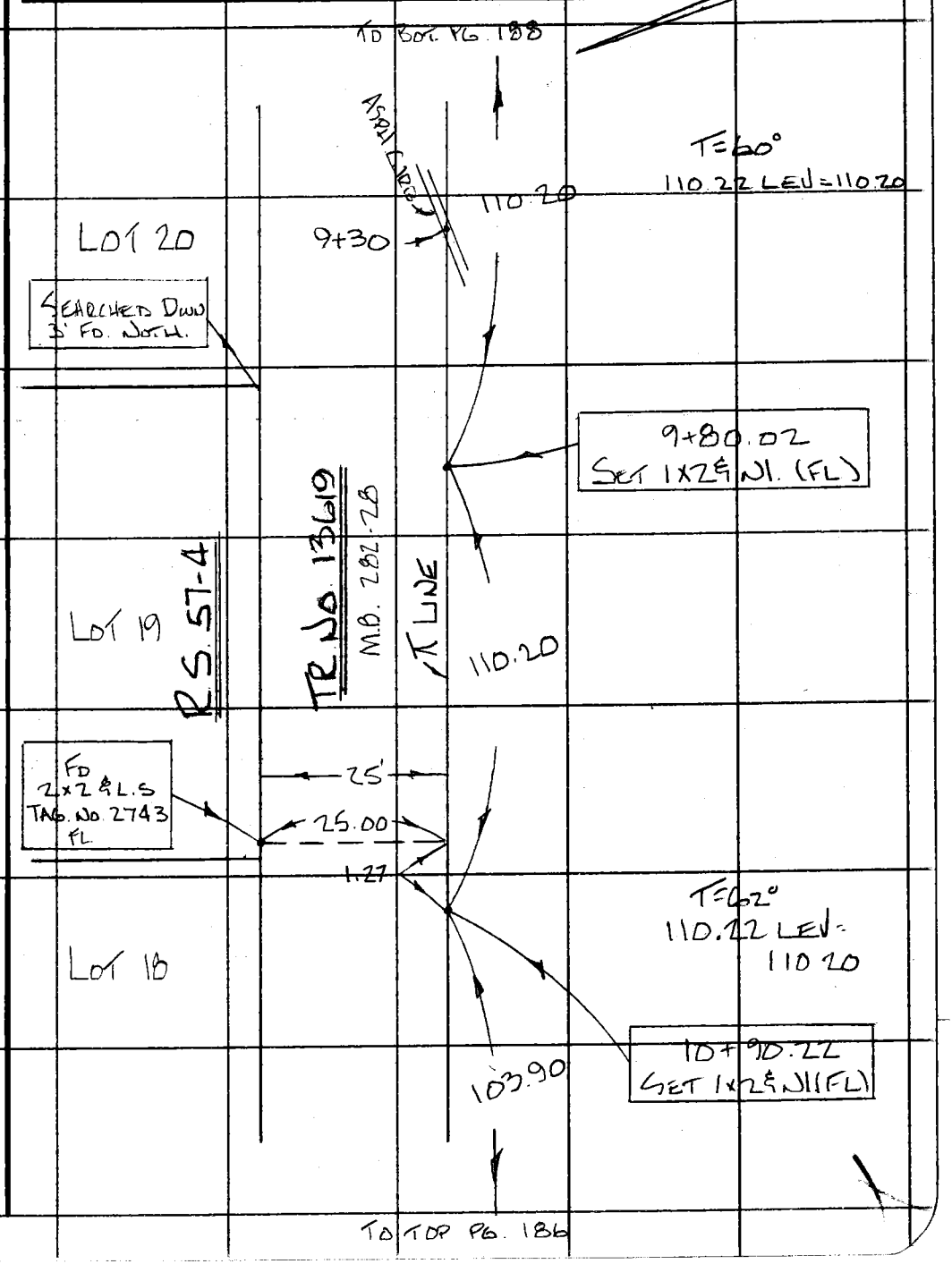
WESTWARD BEACH

Notes Ck'd by R. HILARIO	Survey of PARK LOT PROP
Map No.	JN0055.66 Tape 167 Std 84 °F
Office Work	Surveyed by B JACKSON
Checked	Notes B. JACKSON Date 3/28/73
Date	Index J. M. PALMERI MAR 27 1973

F. B. 2747 PG. 187



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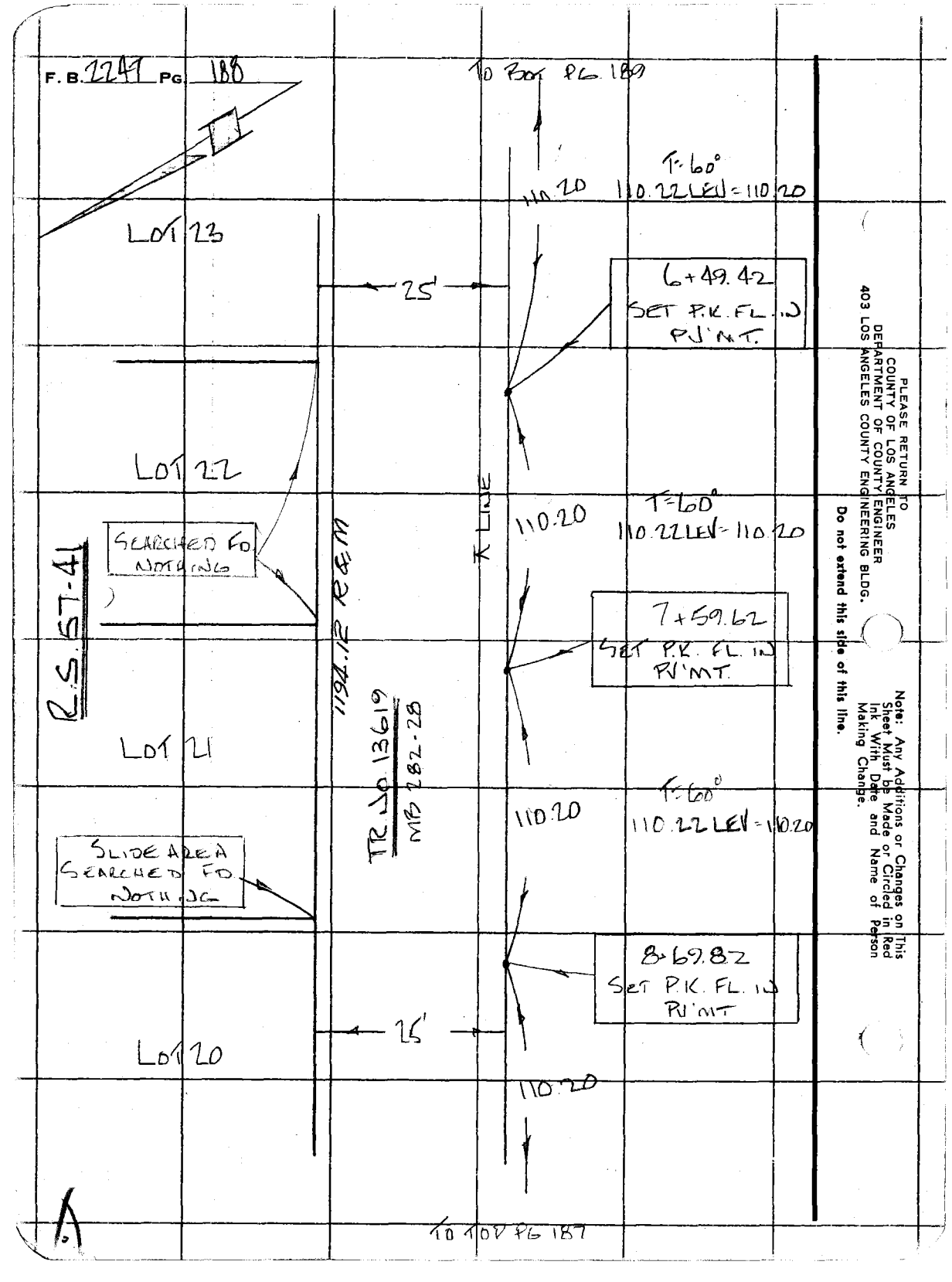
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68



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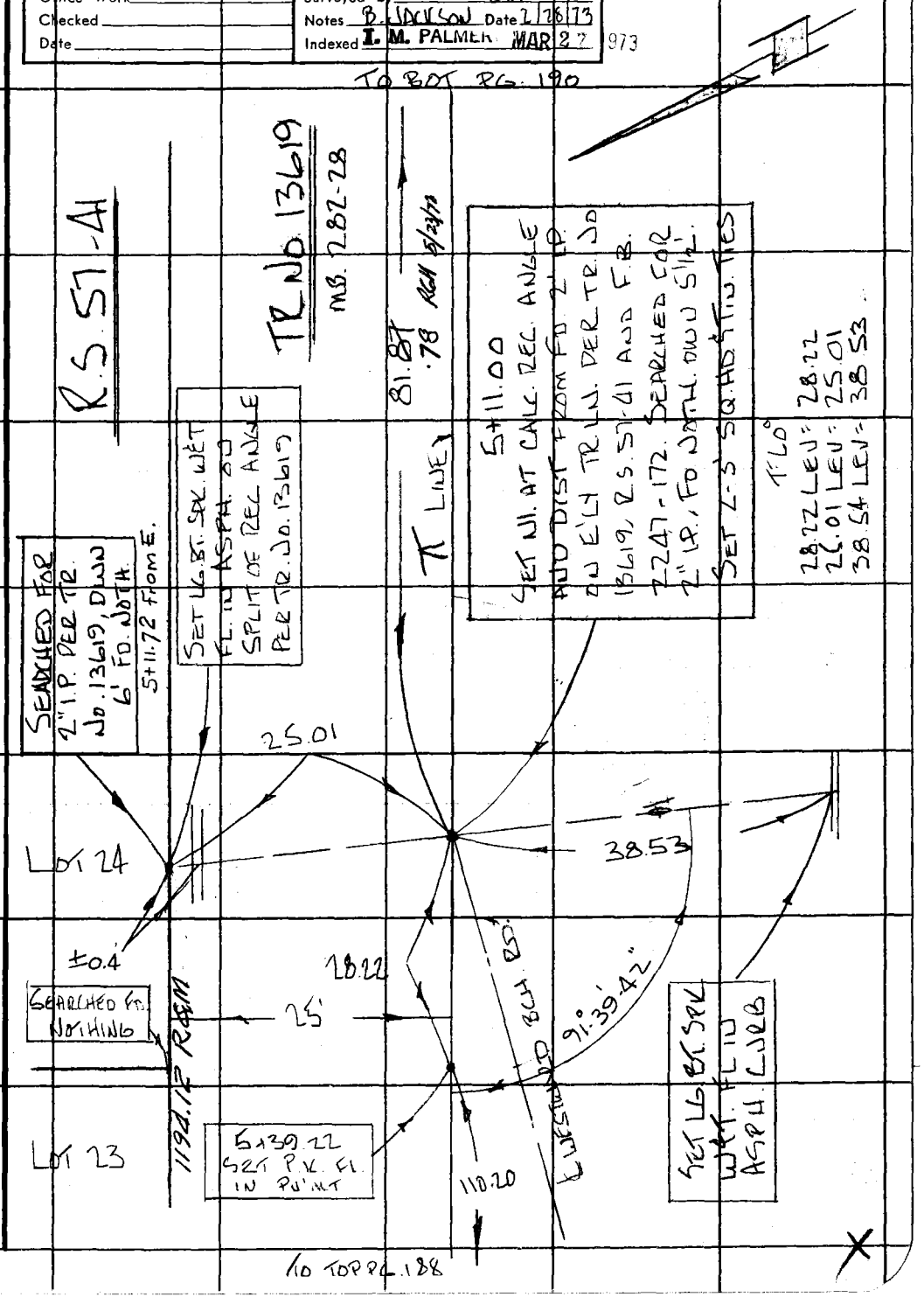
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

WESTWARD BEACH

Notes Ck'd by R. HILARIO	Survey of PARK LOT PROP	F. B. 2247 PG. 189
Map No.	JN0055.66 Tape 167 Std 84 °F	
Office Work	Surveyed by B. JACKSON	
Checked	Notes B. JACKSON Date 2/28/73	
Date	Indexed I. M. PALMER MAR 27 1973	



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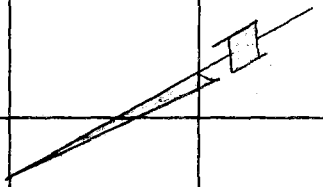
76F309S CE#310 3-68

F. B. 2247 PG. 100



TO BOT PG. 191

T=62°
99.24 LEV =
99.22

99.22

TR. NO. 13609
MB 782 28

LOT 28

0+99.22
SET P.K. FL. IN
PV'MT

T=60°
110.02 LEV =
110.00

110.00

R.S. 57-4H

LOT 27

T LINE

2+09.22
SET P.K. FL IN
PV'MT

LOT 26

110.00

T=60°
110.02 LEV =
110.00

3+19.22
SET P.K FL IN
PV'MT

LOT 25

110.00

T=60°
110.02 LEV = 110.00

4+29.22
SET P.K. FL
IN PV'MT

LOT 24

81.78

T=60°
81.79 LEV = 81.78

TO TOR PG. 189

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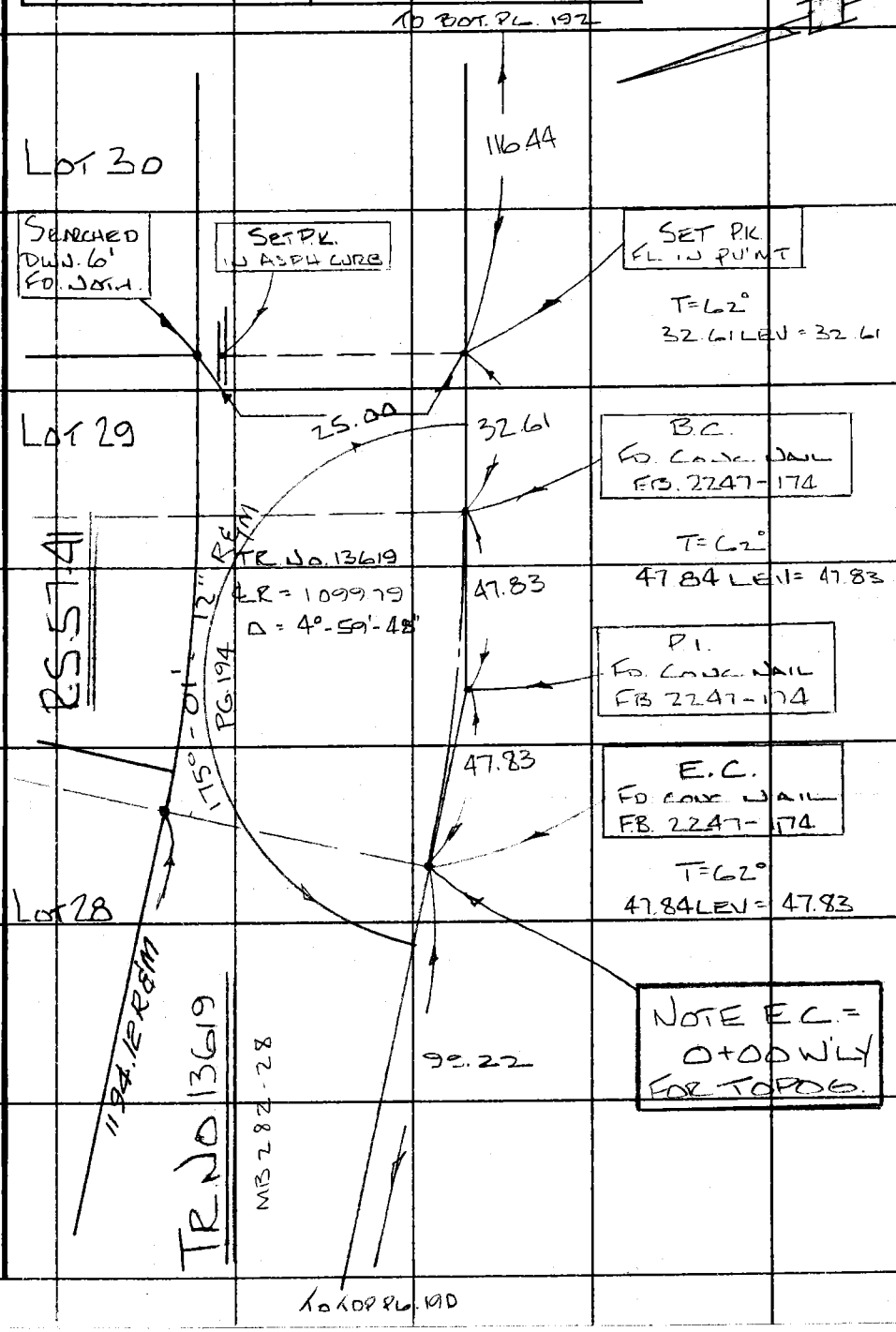
WESTWARD BCH.

Notes Ck'd by R. HILARIO	Survey of PARK LOT. PROP.	F. B. 2247 PG. 191
Map No.	JN 0055.66 Tape 167 Std 84 °F	
Office Work	Surveyed by B JACKSON	
Checked	Notes B JACKSON Date 2/28/73	
Date	Indexed J. M. PALMERI MAR 27 1973	



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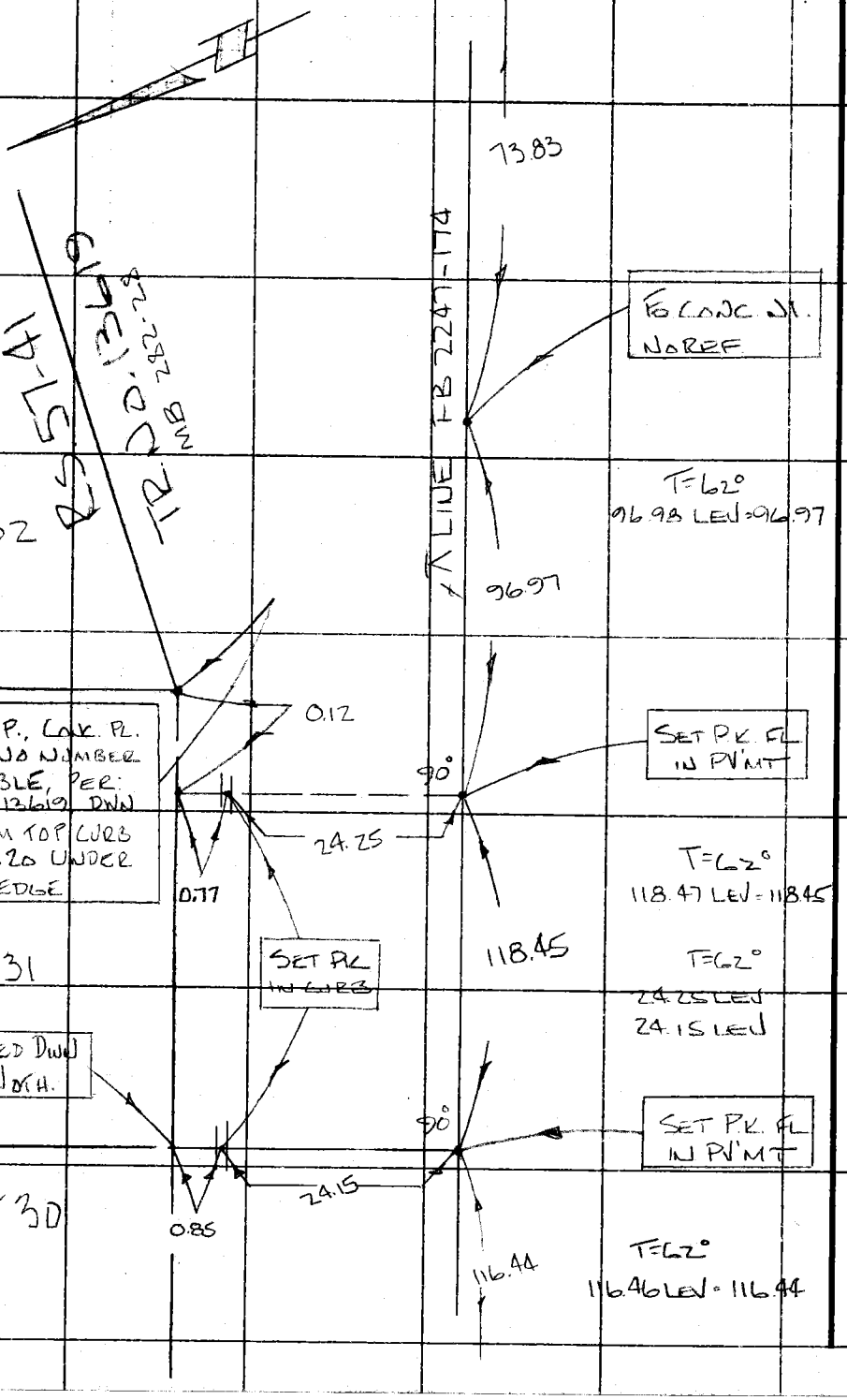
76F309S CE#310 3-68

F. B. 2247 PG 192

TO BOT PG 193



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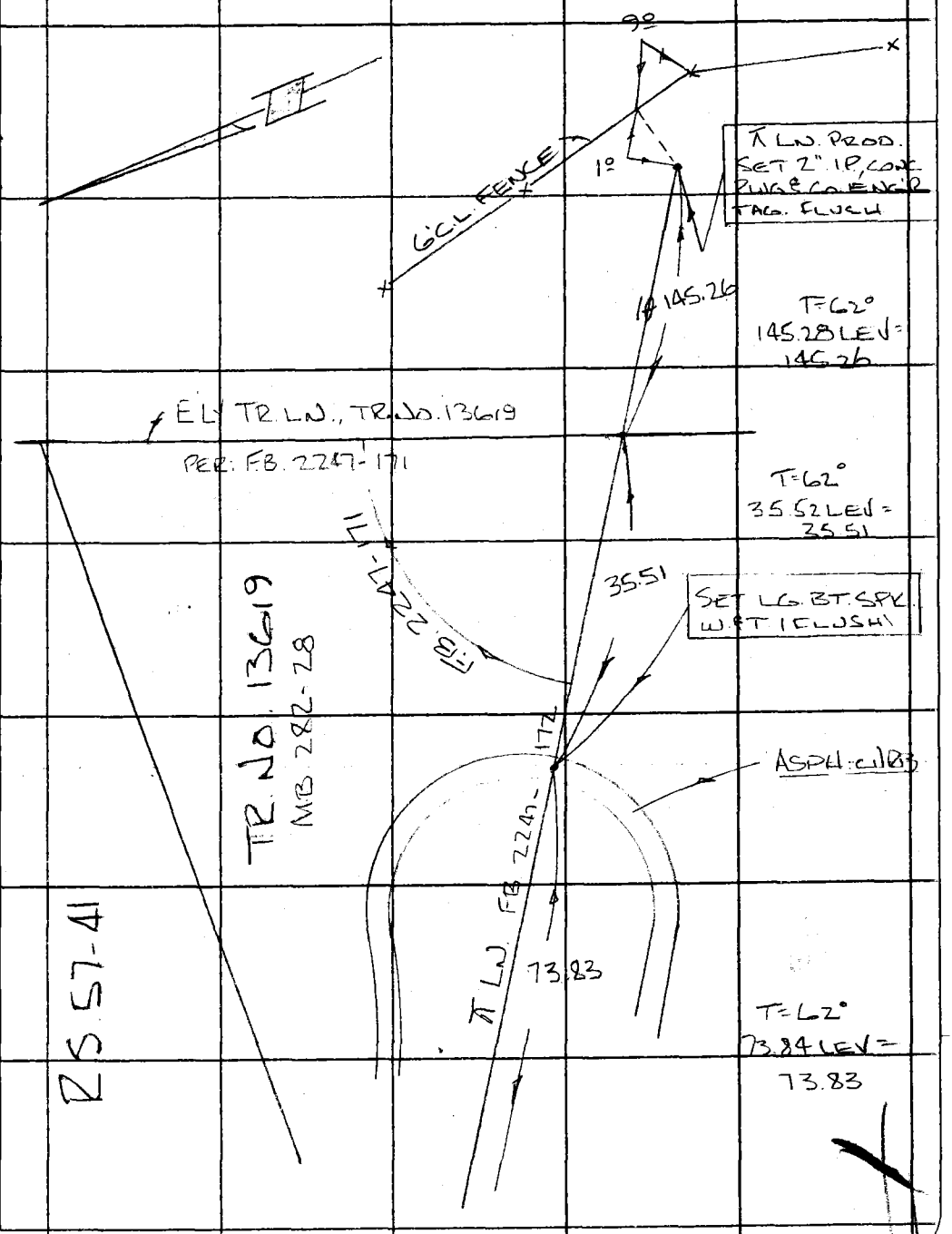
WESTWARD BCH

Notes Ck'd by R. HILARIO	Survey of PARK. LOT PROP.	F. B. 2247 PG. 193
Map No.	JN 0055 66 Tape 167 Std 84 °F	
Office Work	Surveyed by B. JACKSON	
Checked	Notes B. JACKSON Date 2/27/72	
Date	Indexed T. M. PALMERI MAR 27 1973	



TO TOP PG 192

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76F309S CE#310 3-68

F. B. 2247 PG 194

ANGLE RUN UPS

T-Z

① 00-00-05
180-00-00 02.5

② 90-00-05
270-00-00 02.5

= M = 90°-00'-00" (PG. 83)

③ 00-00-22
180-00-18 = 20

90-00-20
~~270-00-20~~ - 20

M = 90°-00'-00" (PG. 185)

④ 00-00-30
180-00-34 = 32

⑤ 175-01-46
355-01-42 = 44

M = 175°-01'-12" (PG. 191)

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WESTWARD BCH

Notes Ck'd by	Survey of PARK. LOT PROJ
Map No.	JN 00566 Tape 184 Std 84 °F
Office Work	Surveyed by B JACKSON
Checked	Notes B. JACKSON Date 2/23/73
Date	Indexed J. M. PALMERI MAR 27 1973

F. B. 224 PG. 125

LOCATION OF IMPROVEMENT
ON WESTWARD BEACH
PARKING LOT PROJECT

JN. 00566

FEB 73

JACKSON
TALLISON
MITCHELL

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

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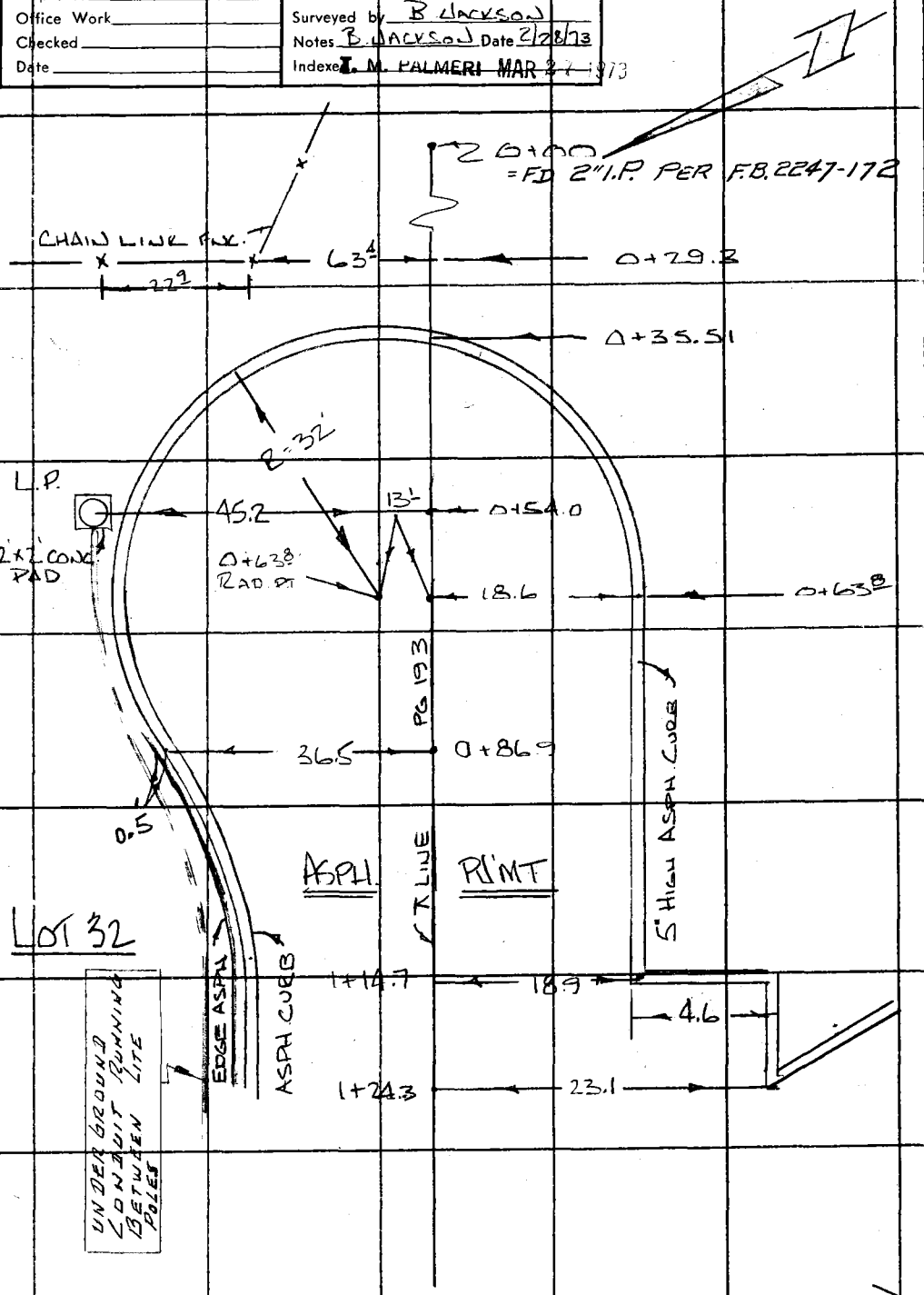
76F3095 CE#310 3-68

WESTWARD BCH.

Notes Ck'd by R. HILARIO	Survey of PARK LOT PROP.	F. B. 2247 PG. 197
Map No.	JN 0055.66 Tape CLOTH Std. °F	
Office Work	Surveyed by B. JACKSON	
Checked	Notes B. JACKSON Date 2/28/73	
Date	Indexed T. M. PALMERI MAR 27 1973	



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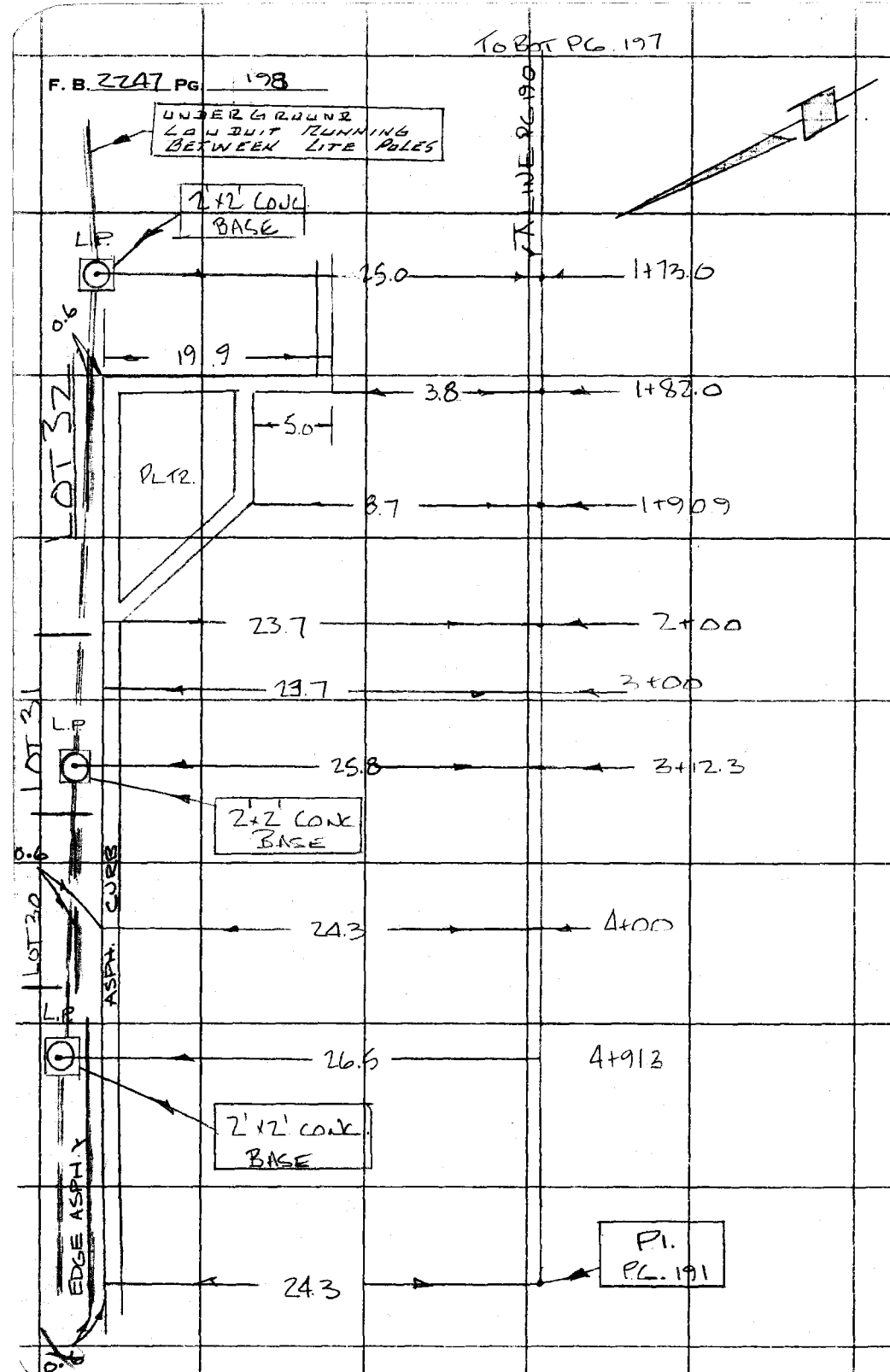
76F309S CE#310 3-68

TO BOT PG. 197

F. B. 2247 PG. 198



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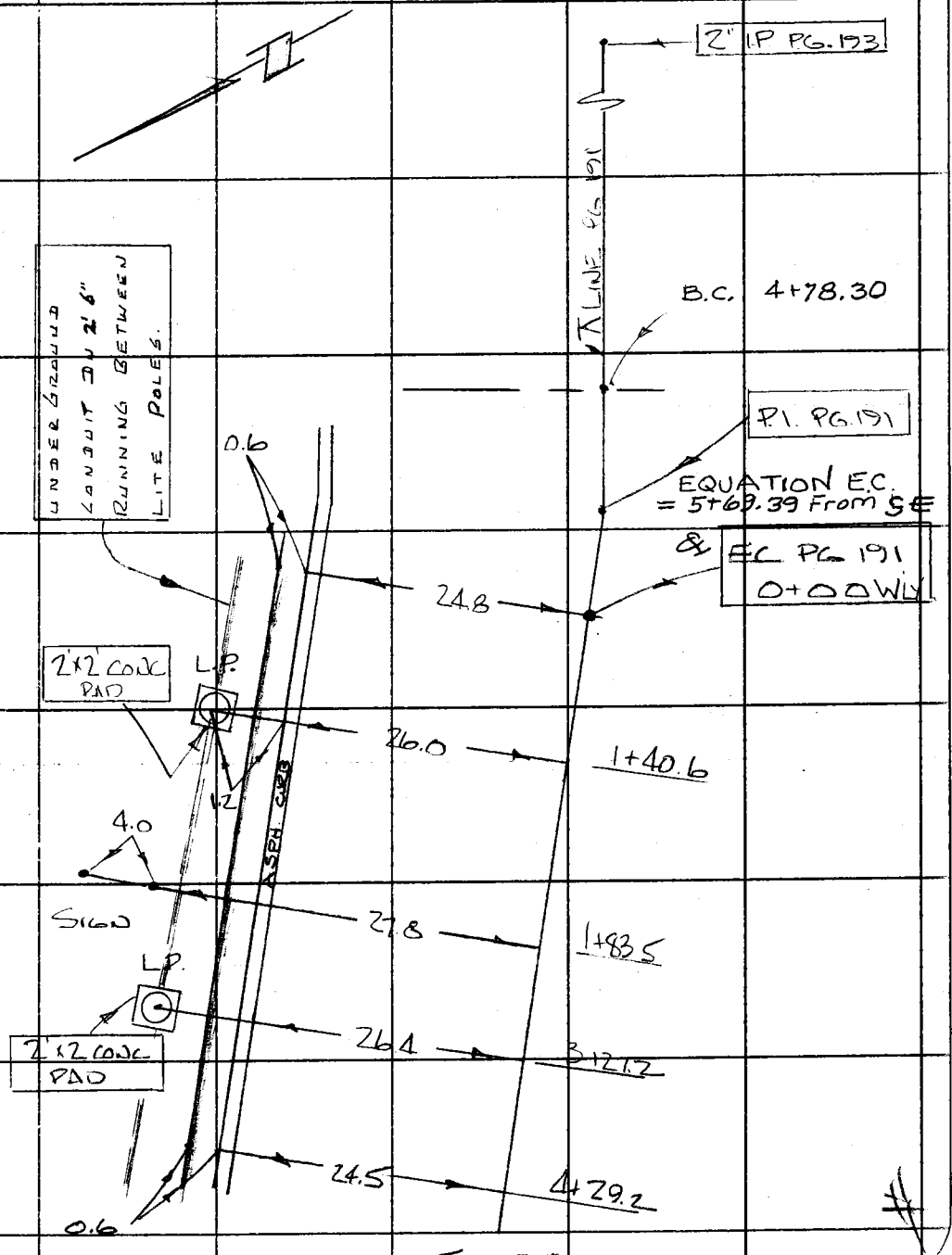
WESTWARD RCH

Notes Ck'd by R. HILARIO	Survey of PARK LOT PROP
Map No.	JN 00656 Tape CLOTH Std °F
Office Work	Surveyed by B. JACKSON
Checked	Notes B. JACKSON Date 2/27/73
Date	Indexed T. M. PALMERI MAR 27 1973

F. B. 2247 PG. 199



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76F309S CE#310 3-68

F. B. 2247 PG 200

TO BOT PG. 199

UNDERGROUND CONDUIT RUN 2'-6"

1.7

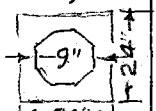
4+95.3

26.2

0.6

LIGHT POLE # 1,939,617 E

Bottom of pole is octagon shape



Typical Lamp Base

EDGE PMT

ASPH CURB

℄ LINE PG 191

0.6

26.0

5+11
℄ PT PG. 189

0.6

23.1

5+39.2

0.6

16.5

6+49.4

14.5

3.0'

2.5'

18°

7+80.4

JUNCTION BOX 2'12x3' OR 3x3'½ CONC. PAD

9+30

END TOPOG

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Notes Ck'd by R. HILARIO	Survey of WESTWARD BEACH RD.	F. B. 2247 PG. 201
Map No.	JN 0303.00 Tape 022 Std 68 °F	
Office Work	Surveyed by C. ADAMS	
Checked	Notes ADAMS Date 4-5-73	
Date	Indexed L. M. PALMER MAY 10 1973	

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WESTWARD BEACH ROAD & PARKING LOT AREA

ADJUSTMENT OF ℄ & N,Ly TRACT LINE FROM BIRDVIEW AVE TO E,ly TRACT LINE

J.N. 0303.00

Note Before this Survey Was run the monumentation @ each end of Westward Beach Road was checked and found to be in good agreement with Tract record. The note on page 1 of 3 Tract #13619 (MB 282-26) reads as follows: "Monuments. Set 6" pipe flush along ℄ of West Ward Beach Rd at ends of all tangents. Set 2" pipe along the Swly side of Westward Beach Rd at each Lot Line. other Monuments as shown. The NEly tract boundary is largely partway up a Vertical palisade & monuments would be of little Value. No monuments set along Ordinary High Tide line."

The Tract Engineers note and the absence of fd undisturbed monuments within the State Beach portion of Tr 13619 Lots 22 to 96 necessitated running record & Compass Adjusting between the two Ends.

REF.

F.B. 2797
TR. MAP 13619 #2 #3
R.S. 57-40
" 57-41

three (3) monuments 2" Pipe with R.E. 2088 tags were found on the NEly Line of Tr #13619. These were not held because they were disturbed. See Page 204 & 214.

PARTY
C. ADAMS
L. JONES
L. MANLEY
R. PULSIFER

Note by H.R. Stock 9-5-73
Field Engr Survey Div.

76F309S CE#310 3-69

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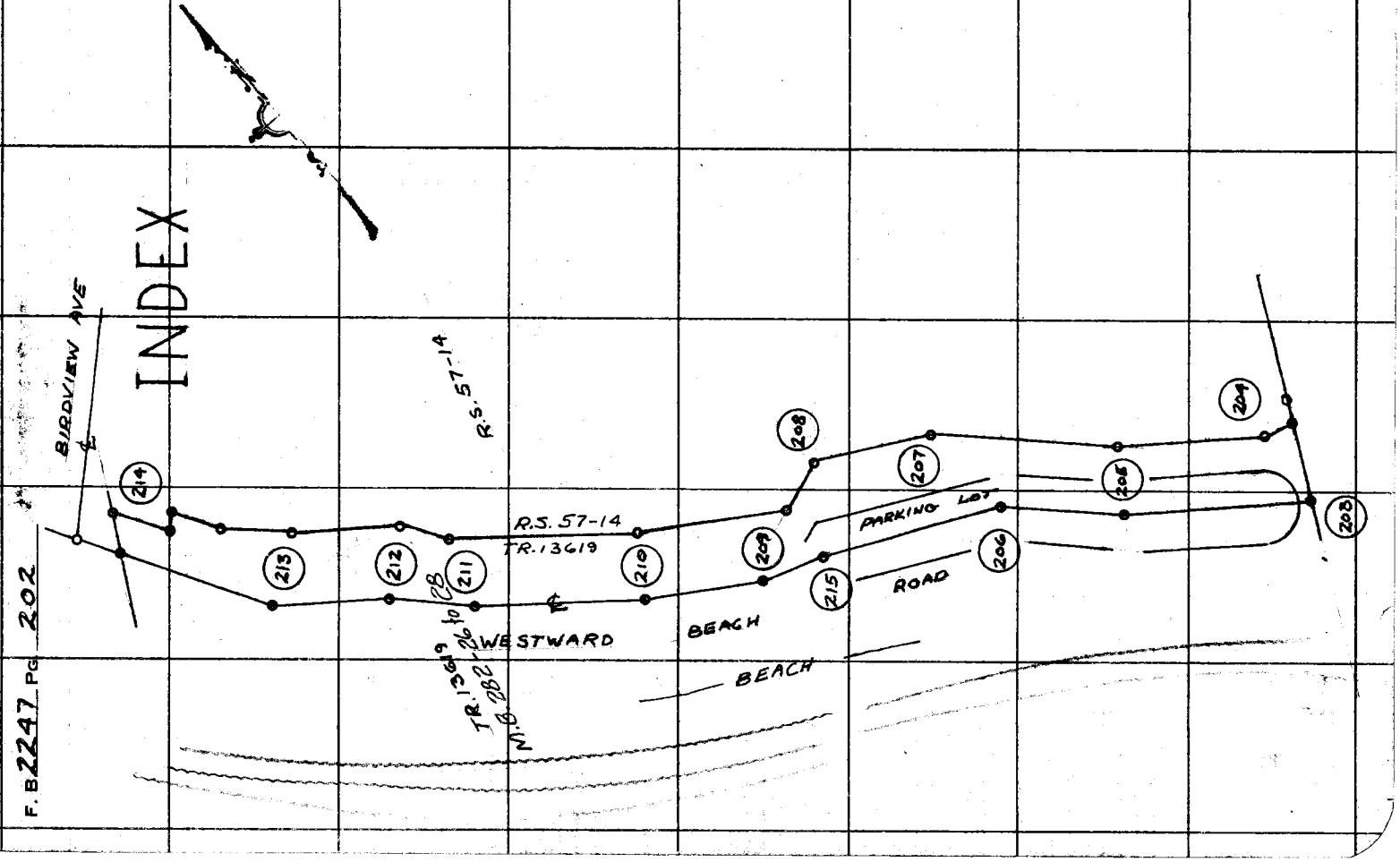
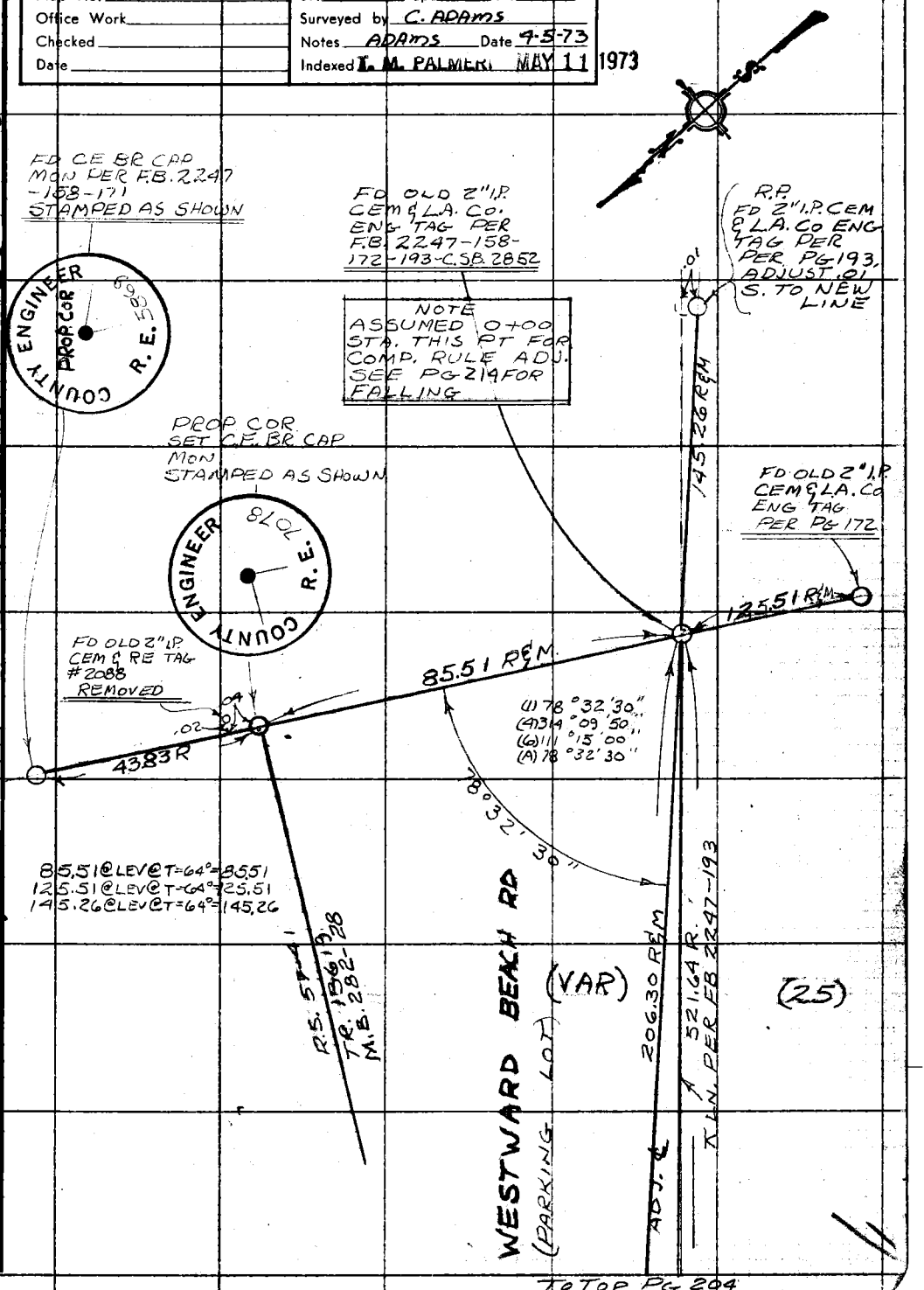
INDEX



F. B 2247 PG 202

Notes Ck'd by R. HILARIO	Survey of WESTWARD BEACH ROAD
Map No.	JN 0303.00 Tape 022 Std 68 °F
Office Work	Surveyed by C. ADAMS
Checked	Notes ADAMS Date 4-5-73
Date	Indexed I. M. PALMERI MAY 11 1973

F. B. 2247 PG. 203



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W592 A-5

099-057 A-3

76F309S CE#310 3-69

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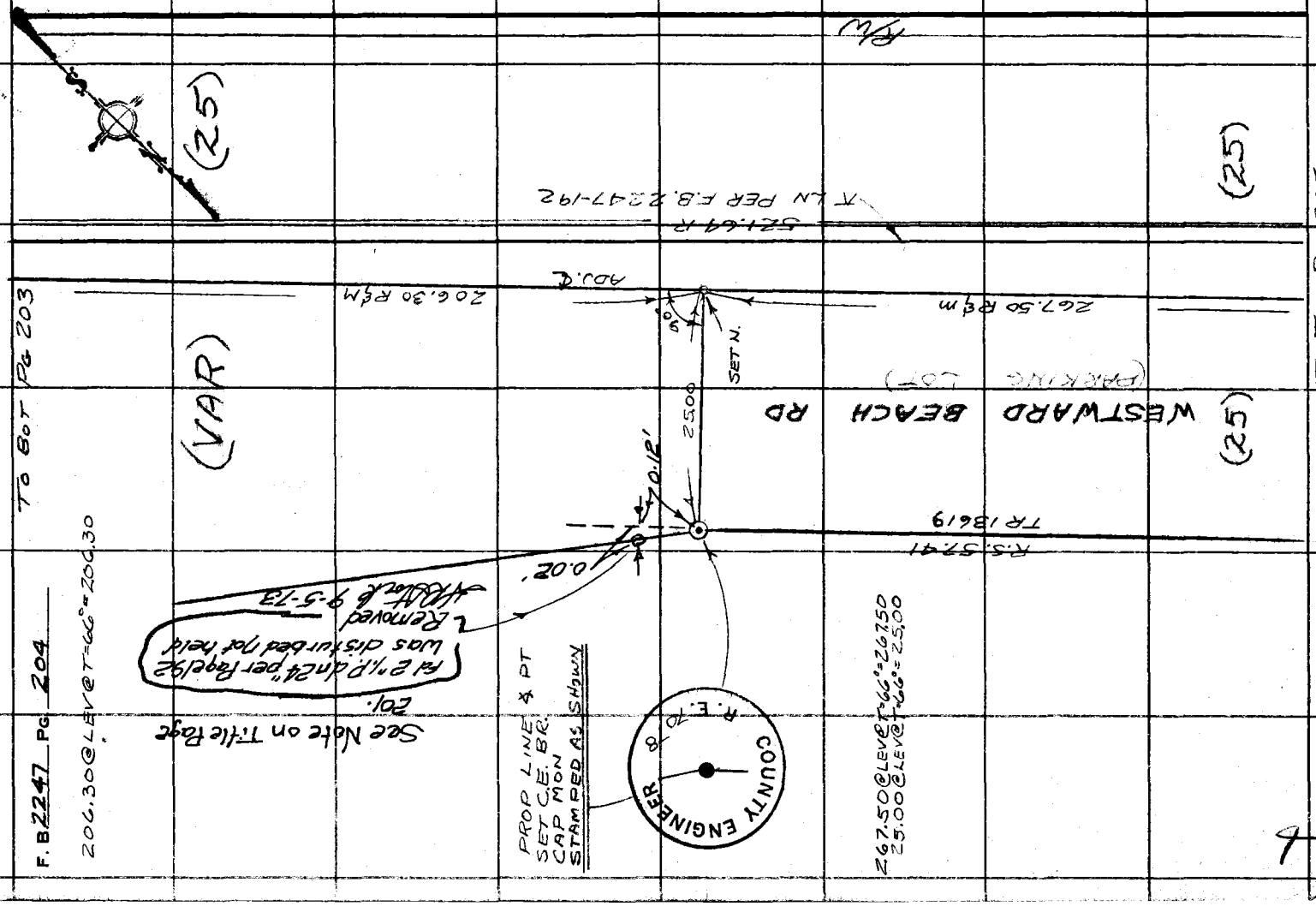
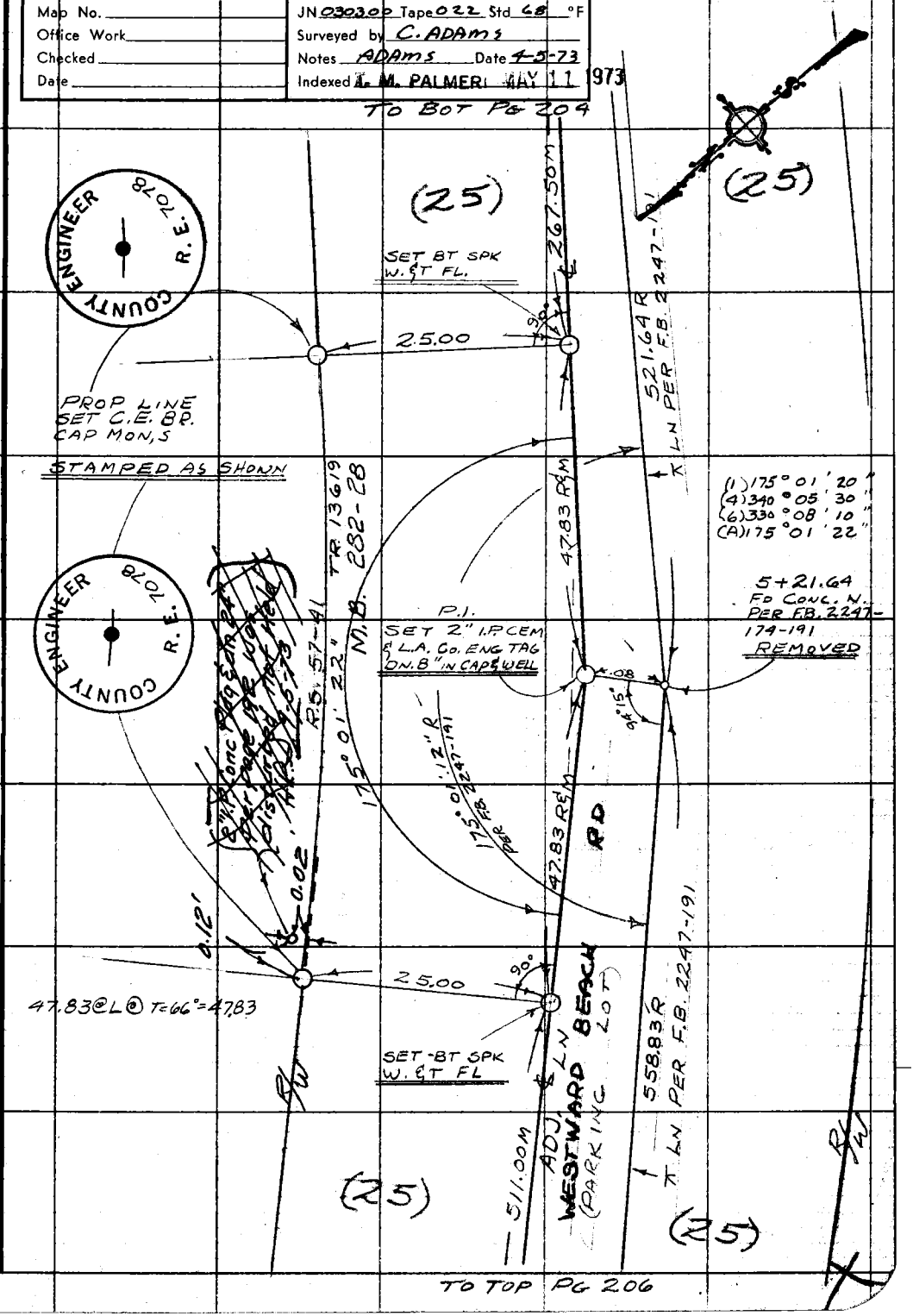


Notes Ck'd by R HILARIO	Survey of WESTWARD BEACH ROAD
Map No.	JN 030300 Tape 022 Std 68 °F
Office Work	Surveyed by C. ADAMS
Checked	Notes ADAMS Date 4-5-73
Date	Indexed L. M. PALMER MAY 11 1973

F. B 2247 PG. 205



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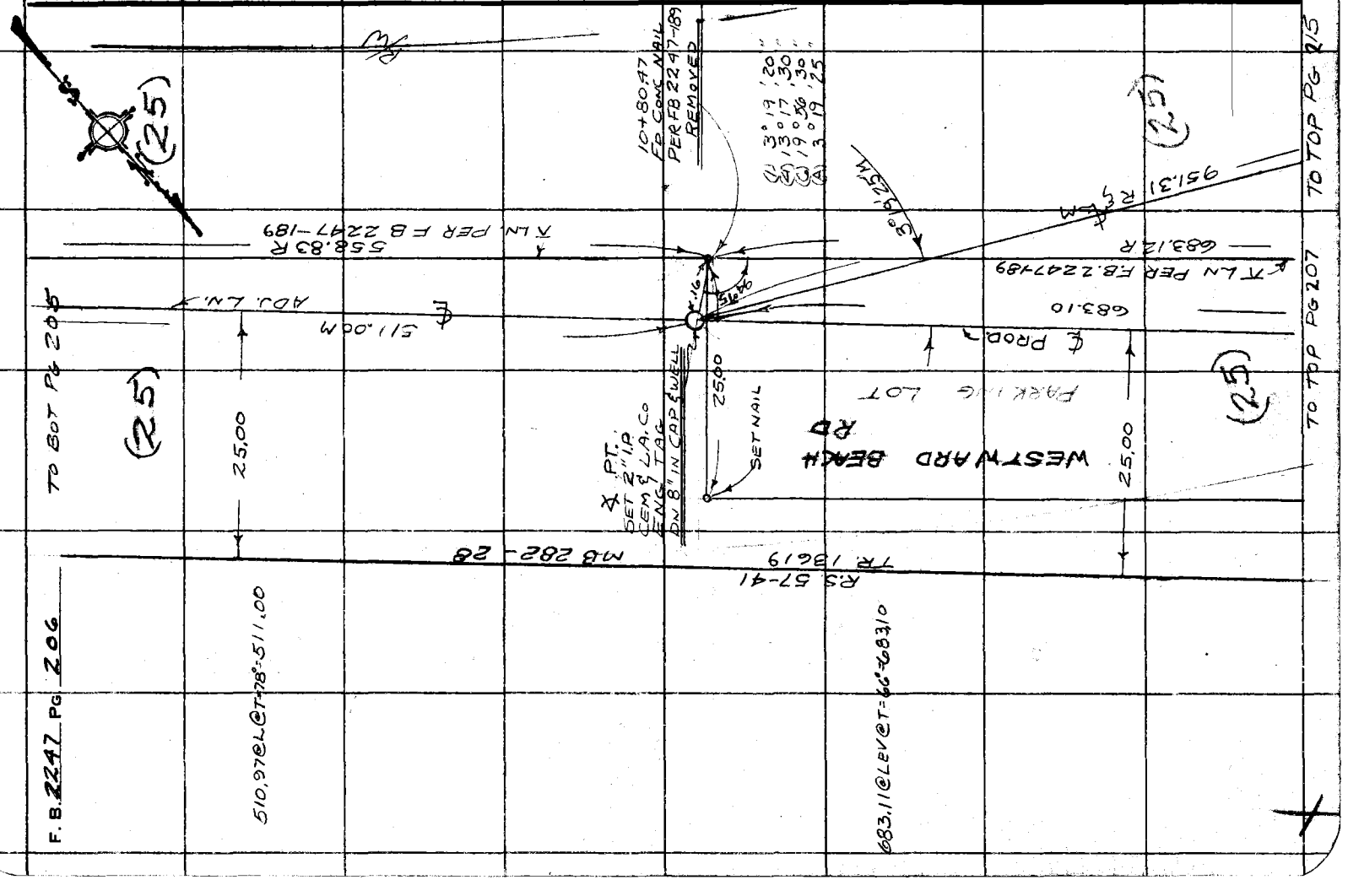

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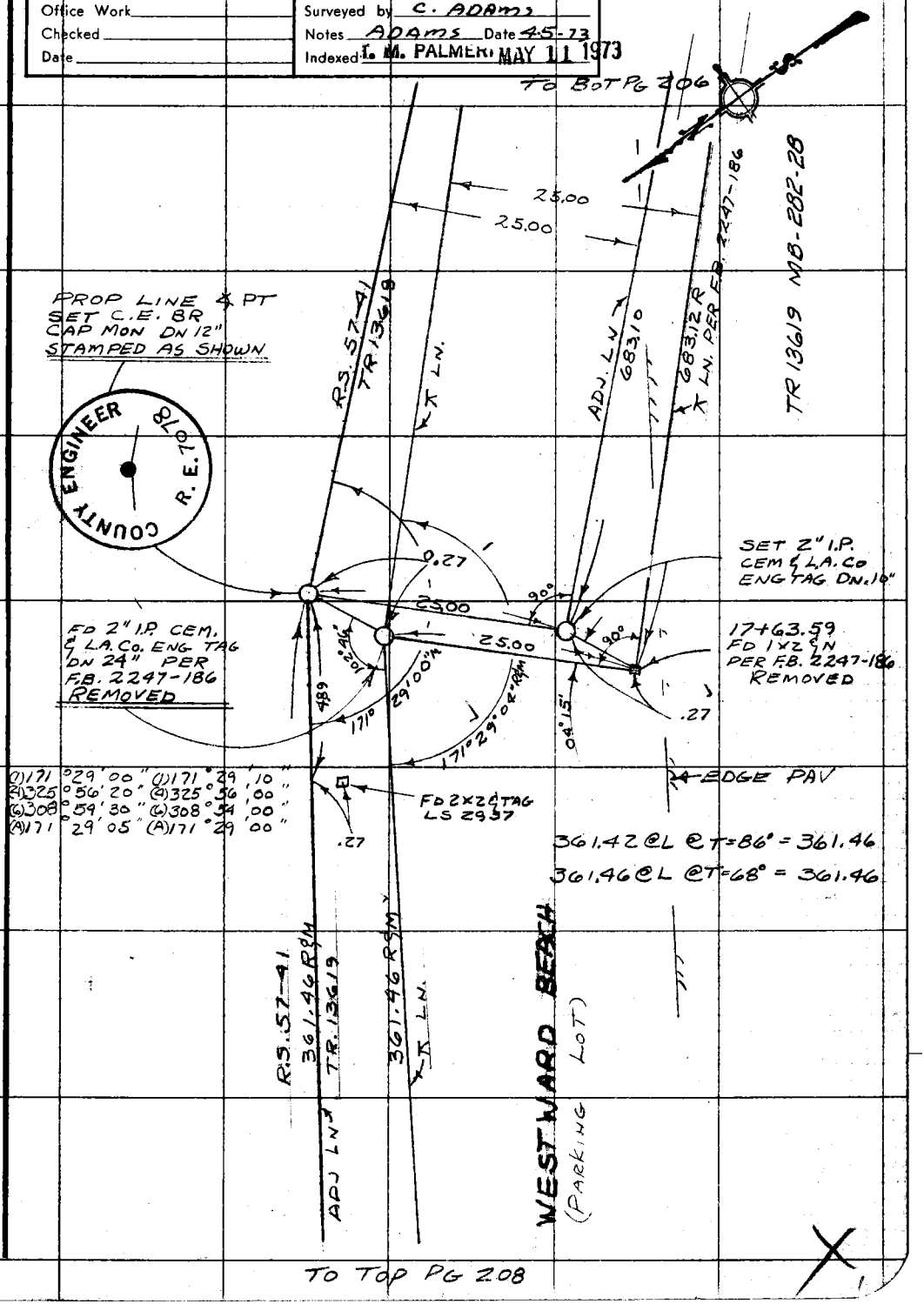
Map No.	JN 030300 Tape 022 Std 68 °F
Office Work	Surveyed by C. ADAMS
Checked	Notes ADAMS Date 4-5-73
Date	Indexed T. M. PALMER MAY 11 1973

F. B. 2247 PG. 207



TO TOP PG 208

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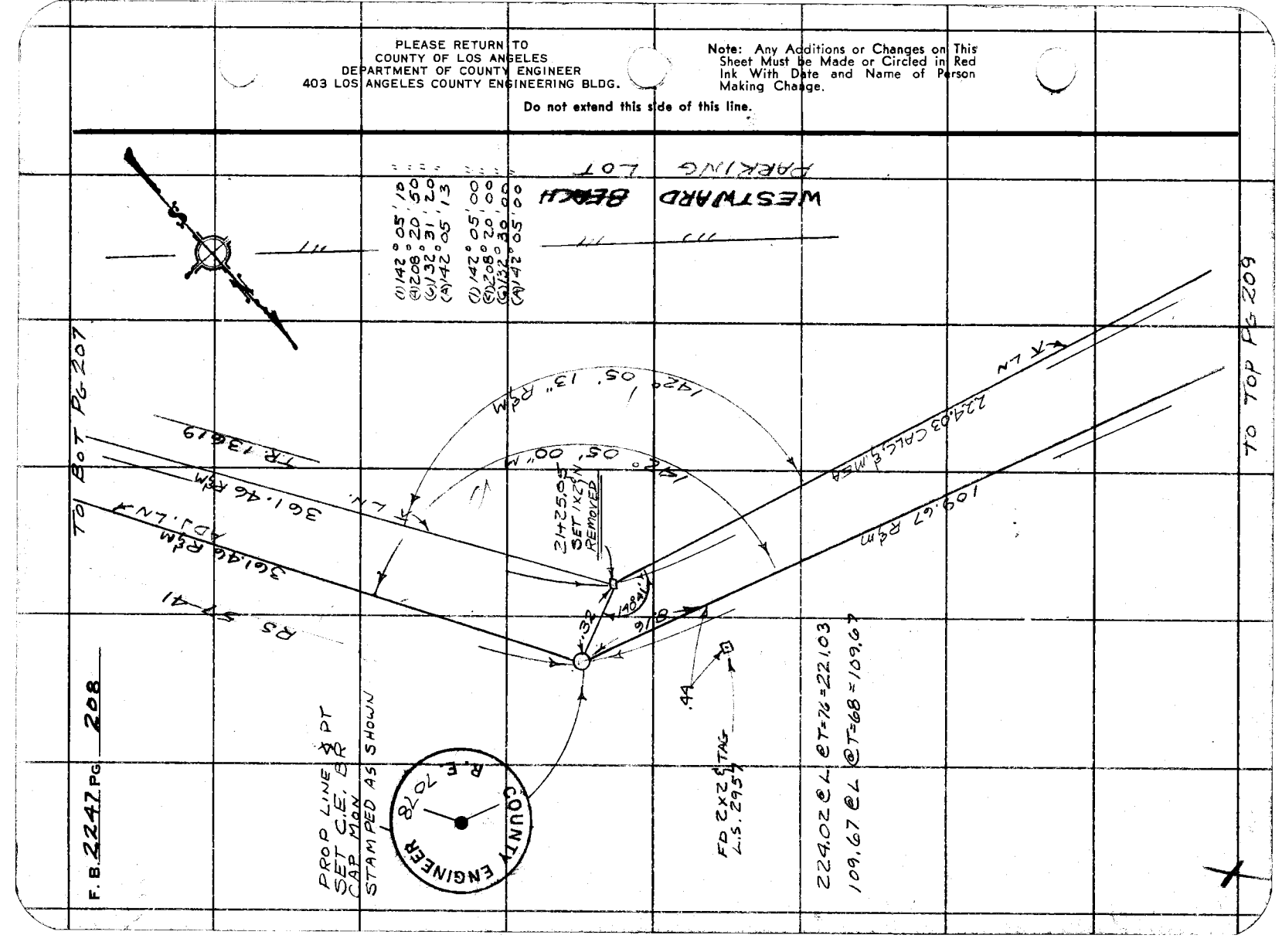
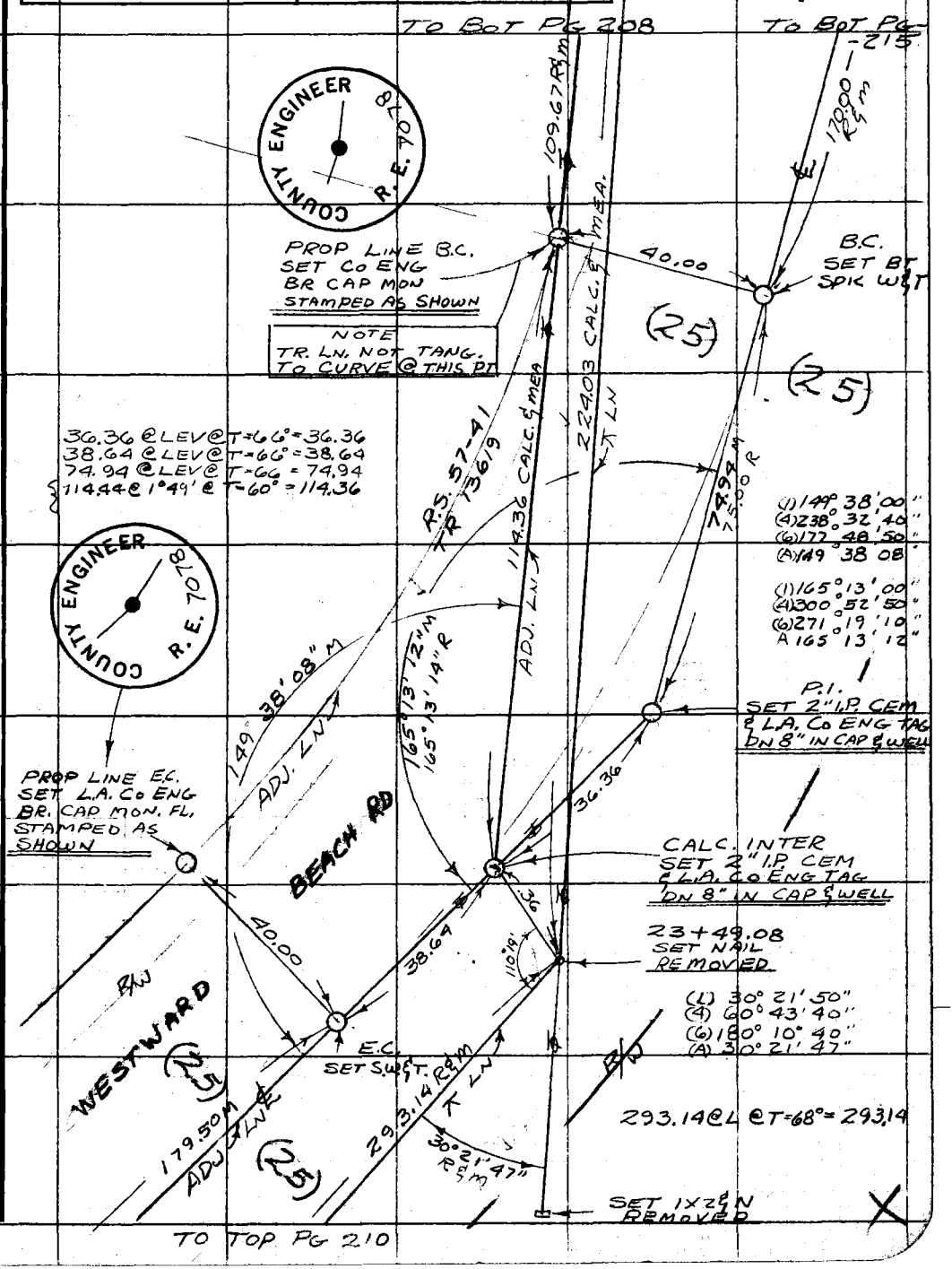


Notes Ck'd by R. HILARIO	Survey of WESTWARD BEACH RD
Map No.	JN 0303.00 Tape 022 Std 68 °F
Office Work	Surveyed by C. ADAMS
Checked	Notes ADAMS Date 4-5-73
Date	Indexed E. M. PALMER. MAY 11 1973

F. B. 2247 PG. 209



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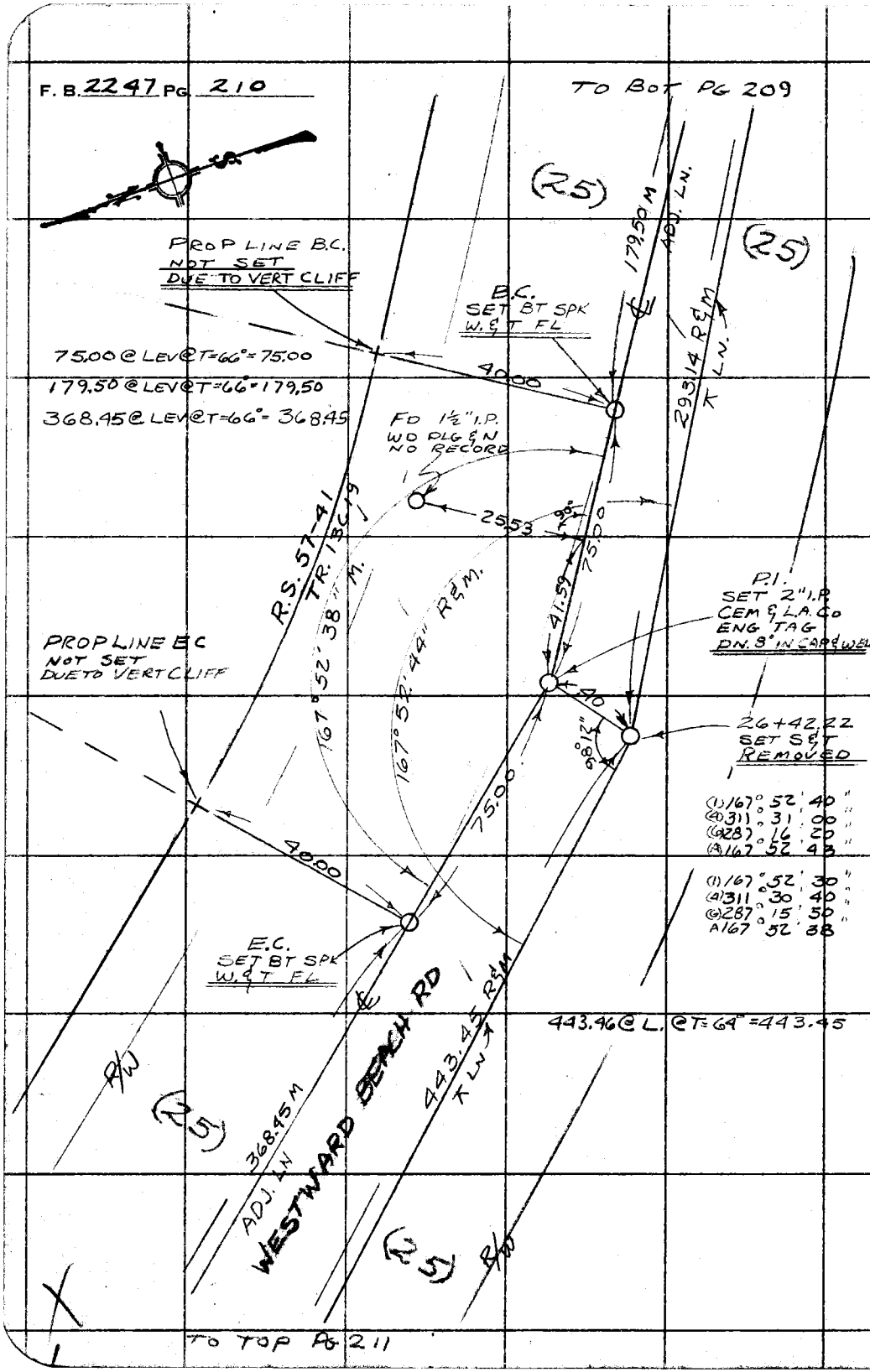
76F309S CE#310 3-69



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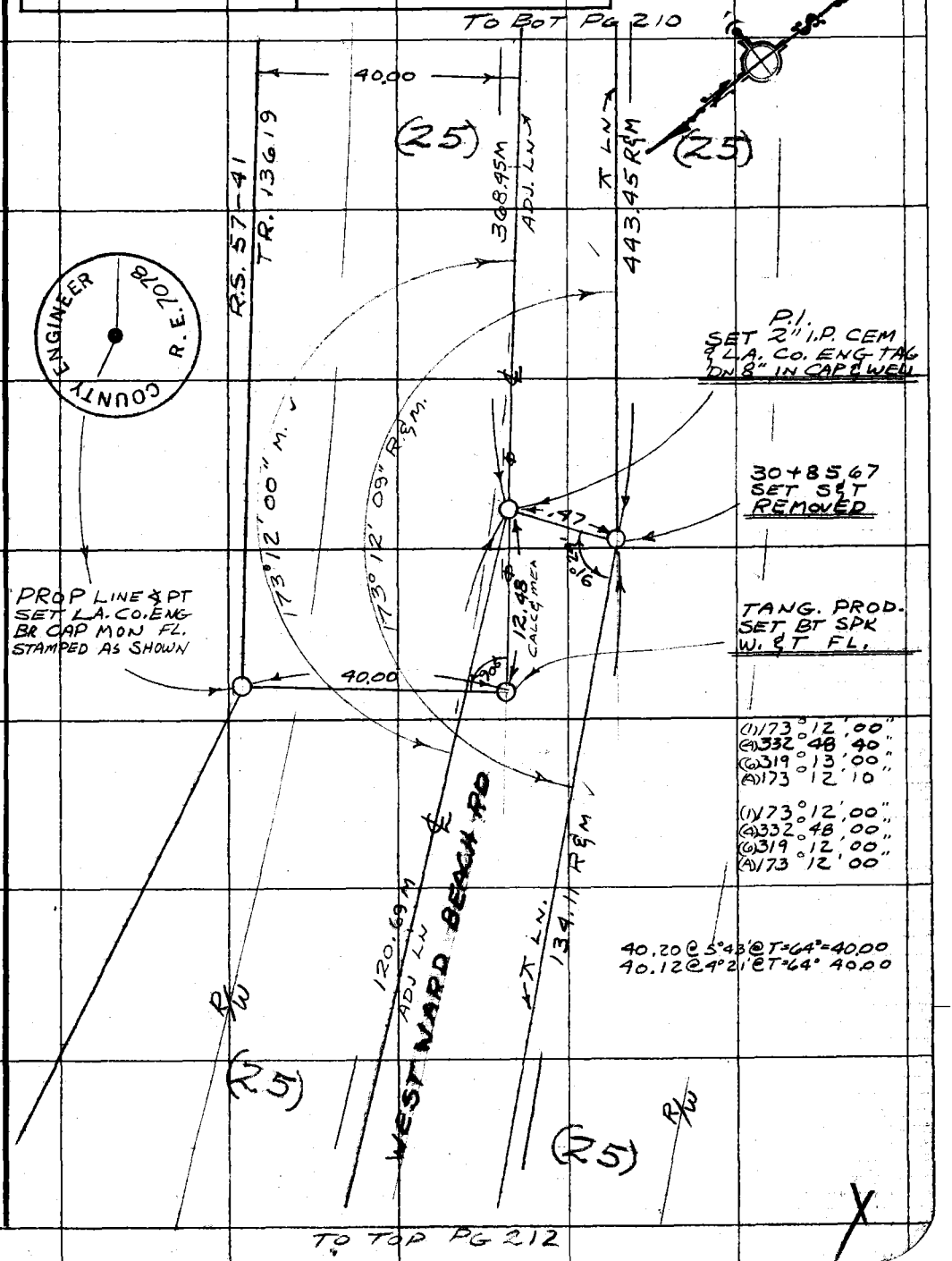
Office Work	Surveyed by C. ADAMS
Checked	Notes ADAMS Date 4-5-73
Date	Indexed I. M. PALMER MAY 11 1973

F. B. 2247 PG. 211



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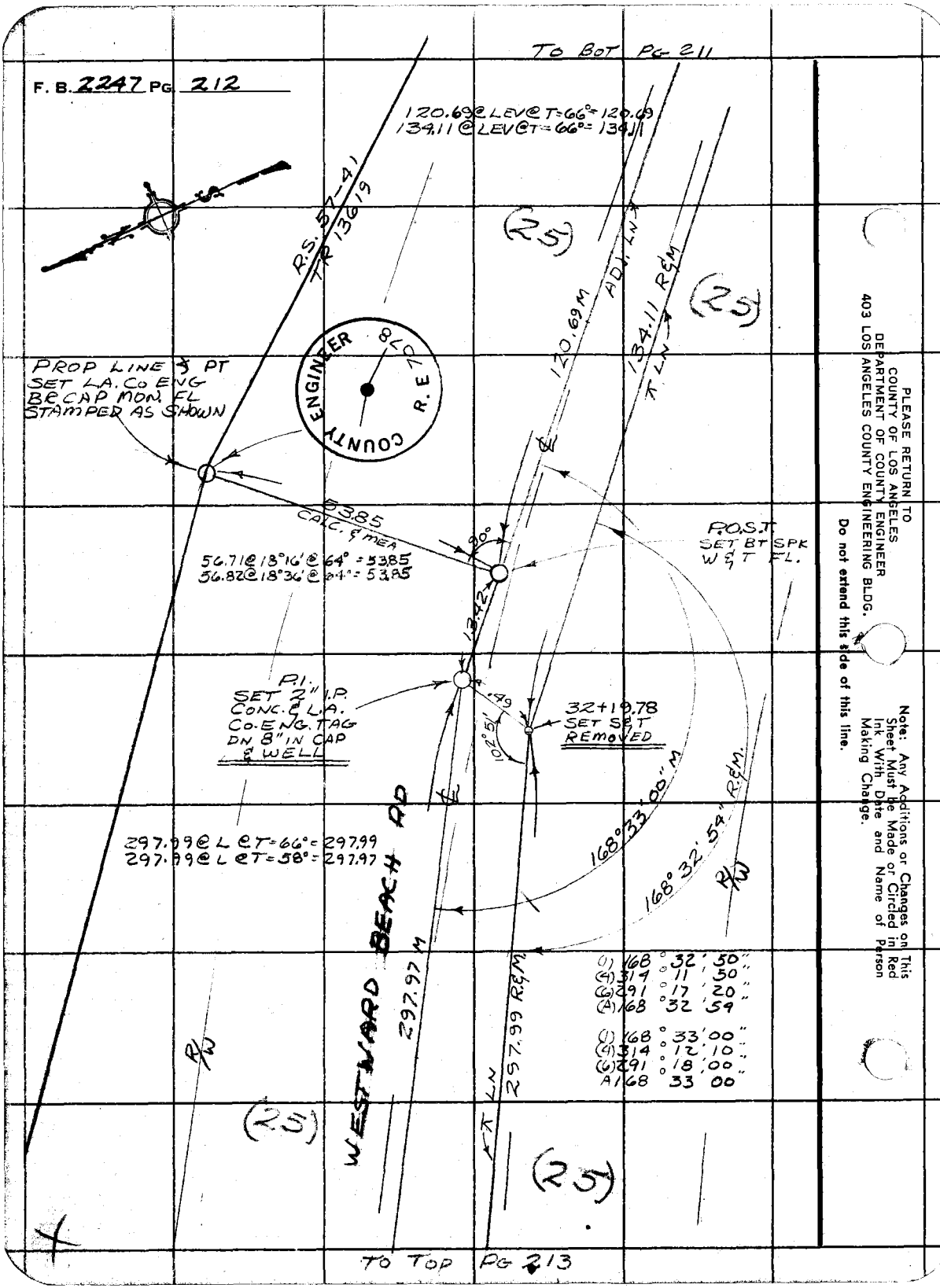

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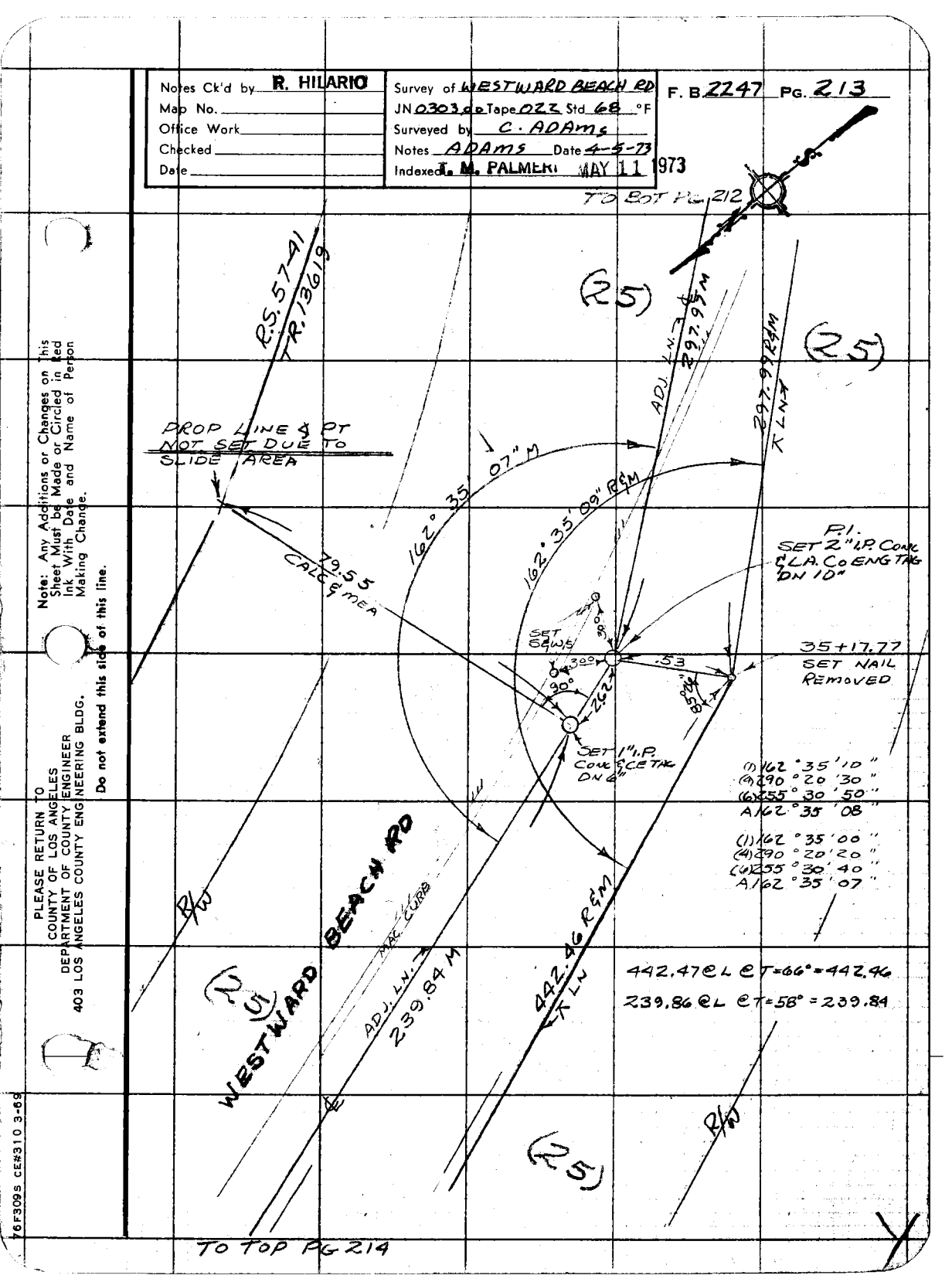
Date	Indexed T. M. PALMER MAY 11 1973

F. B. 2247 PG. 213



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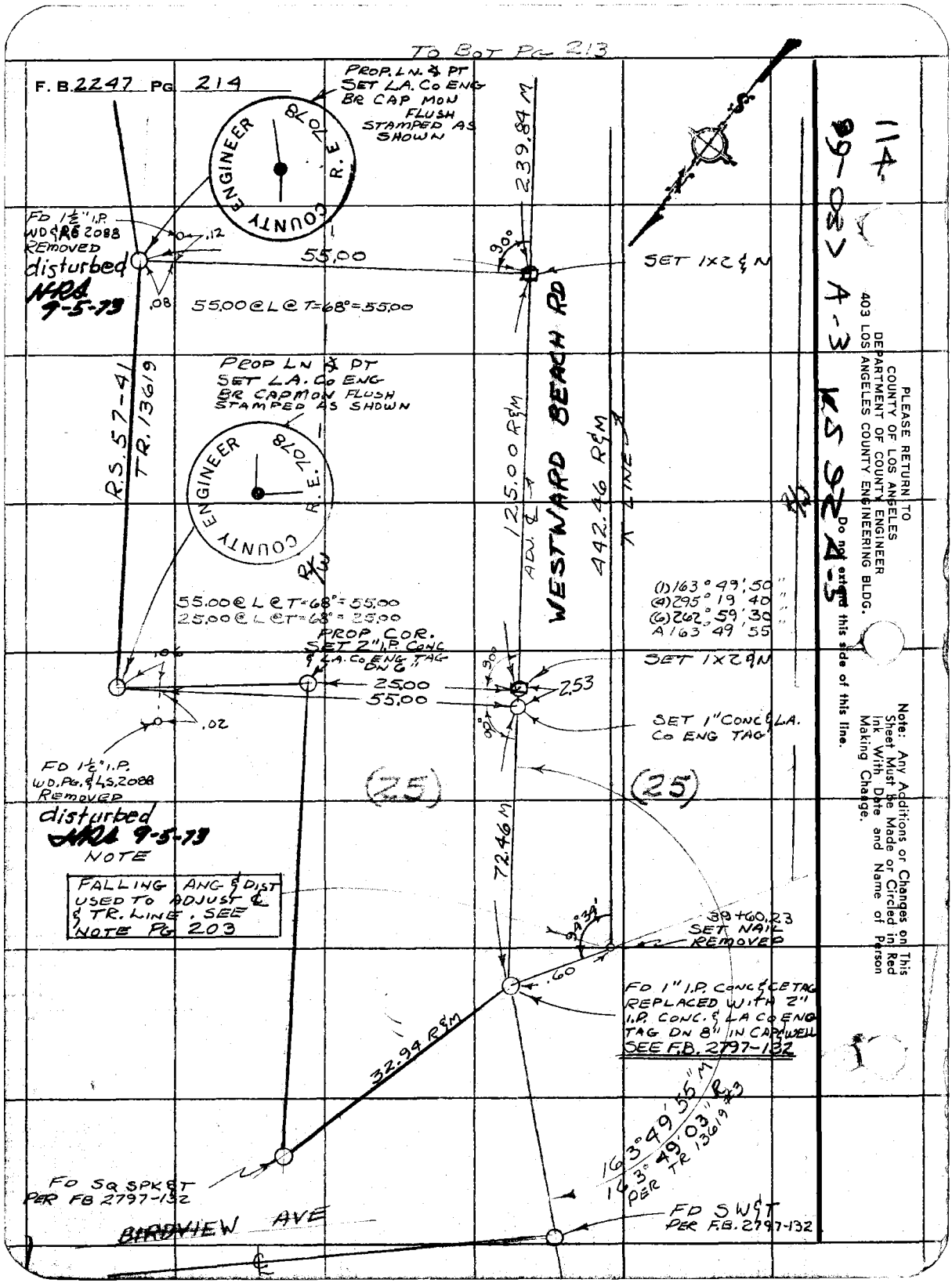
TO BOT PG 213
F. B. 2247 PG 214
PROP. LN. & PT SET LA. Co ENG BR CAP MON FLUSH STAMPED AS SHOWN
COUNTY ENGINEER R.E. 7078
FD 1½" I.P. WD & RE 2088 REMOVED
disturbed NRA 9-5-73
.12
.08
55.00
55.00 @ L @ T=68°=55.00
239.84 M
90°
SET 1X2 & N
R.S. 57-41
TR. 13619
PROP LN & PT SET LA. Co ENG BR CAP MON FLUSH STAMPED AS SHOWN
COUNTY ENGINEER R.E. 7078
125.00 R&M
ADJ. ℄
WESTWARD BEACH RD
442.46 R&M
LINE
55.00 @ L @ T=68°=55.00
25.00 @ L @ T=68°=25.00
PROP. COR. SET 2" I.P. CONC & LA. Co ENG TAG DN 6"
.06
.02
25.00
55.00
2.53
SET 1X2 & N
SET 1" CONC & LA. Co ENG TAG
(1) 163° 49' 50"
(4) 295° 19' 40"
(6) 262° 59' 30"
A 163° 49' 55"
FD 1½" I.P. WD. PG. & LS. 2088 REMOVED
disturbed NRA 9-5-73
NOTE
(25)
(25)
72.46 M
FALLING ANG & DIST USED TO ADJUST ℄ & TR. LINE. SEE NOTE PG 203
39+60.23 SET NAIL REMOVED
.60
FD 1" I.P. CONC & CE TAG REPLACED WITH 2" I.P. CONC. & LA Co ENG TAG DN 8" IN CAP & WELL SEE F.B. 2797-132
32.94 R&M
163° 49' 55" M
163° 49' 03" R
PER TR 13619 #3
FD SQ SPK & T PER FB 2797-132
BIRDVIEW AVE
FD SW & T PER F.B. 2797-132
℄
114
99-08 A-3
KS 92 A-5
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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
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Notes Ck'd by R. HILARIO	Survey of WESTWARD BEACH RD
Map No.	JN 030300 Tape 022 Std 68 °F
Office Work	Surveyed by C. ADAMS
Checked	Notes ADAMS Date 4-5-73
Date	Indexed L. M. PALMER MAY 11 1973

F. B 2247 PG. 215

TO BOT RT PG 206

951.35 @ L @ T=64°=951.31

951.31 R&M

WESTWARD BEACH RD

(R 5)

R/W

SET 2" I.P. CONC
L.A.CO. ENG TAG
DN. 8"

4.80

178.5

R.P.S
SET BT SPK W. ST

EDGE PAV

76° 14'

152° 28' 38" M

1700 R&M

(R 5)

(R 5)

(1) 152° 28' 40"
(2) 249° 54' 30"
(3) 194° 51' 50"
(A) 152 28' 38"

170.00 @ L @ T=64°=170.00

TO TOP RT PG 209

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76F309S CE#310 3-69

Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area
Map No.	JN 2574.14 Tape 109 Std. 84 °F
Office Work	Surveyed by Tom Mauk R. Strader
Checked	Notes Tom M. & Bob S. Date 3-75
Date	Indexed

F. B. 2247 PG. 217

J.N. 2574.14

WATER WORKS DIST. № 29

ZUMIREZ MESA AREA

Strader Mauk
Dover Maher
H. Mitchell Johnson
Tohigon H. Jackson

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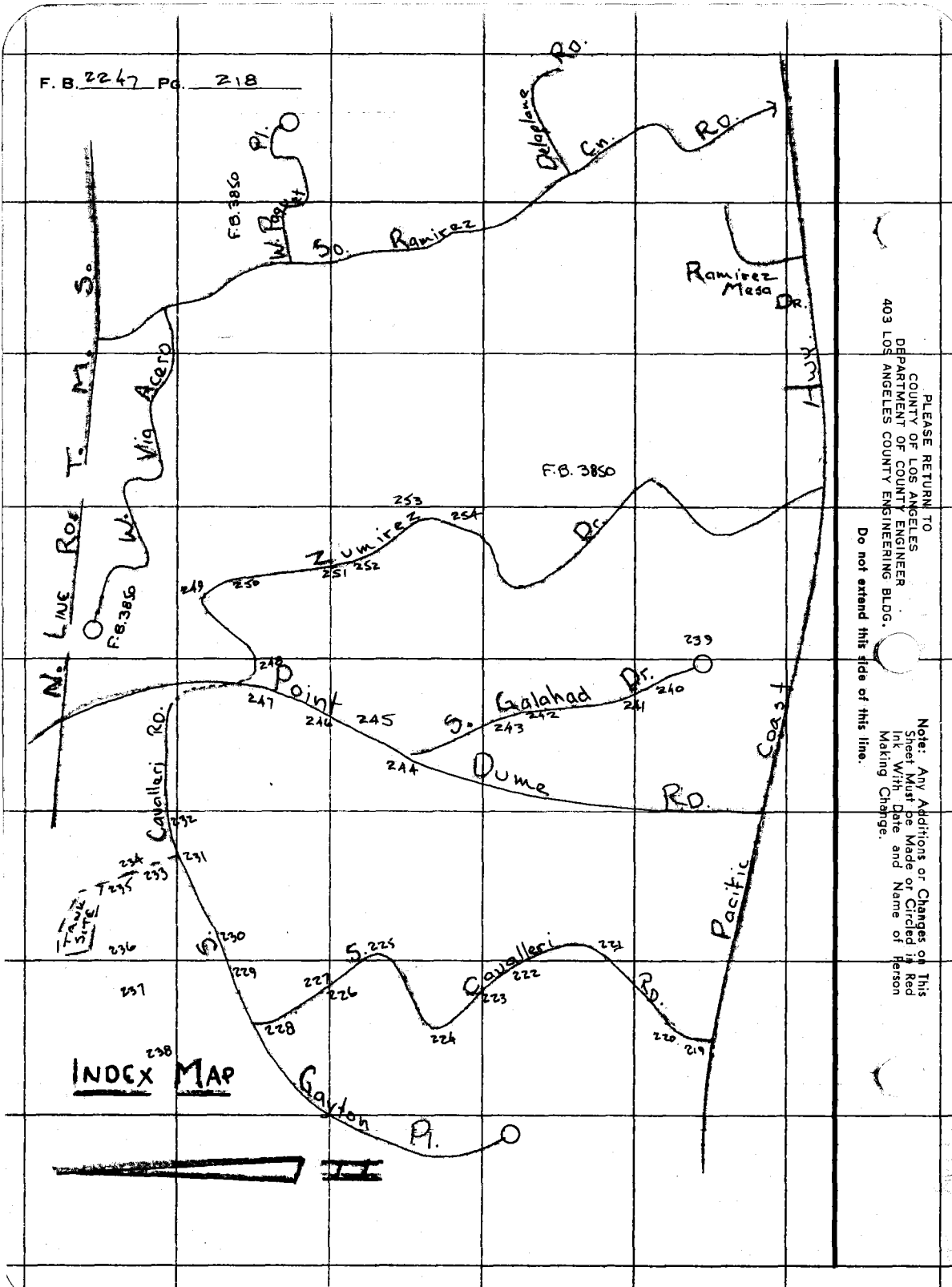
REF.

F.B. 1849
F.B. 2215
R.S. 54-39
R.S. 56-17
L.S. 2743 Map 1030-0-2
R.O F.B. 1204
ST. HWY. A LA 001L
F.B. 2797

76F309S CE#310 3-69

F. B. 2247 Pg. 218



INDEX MAP

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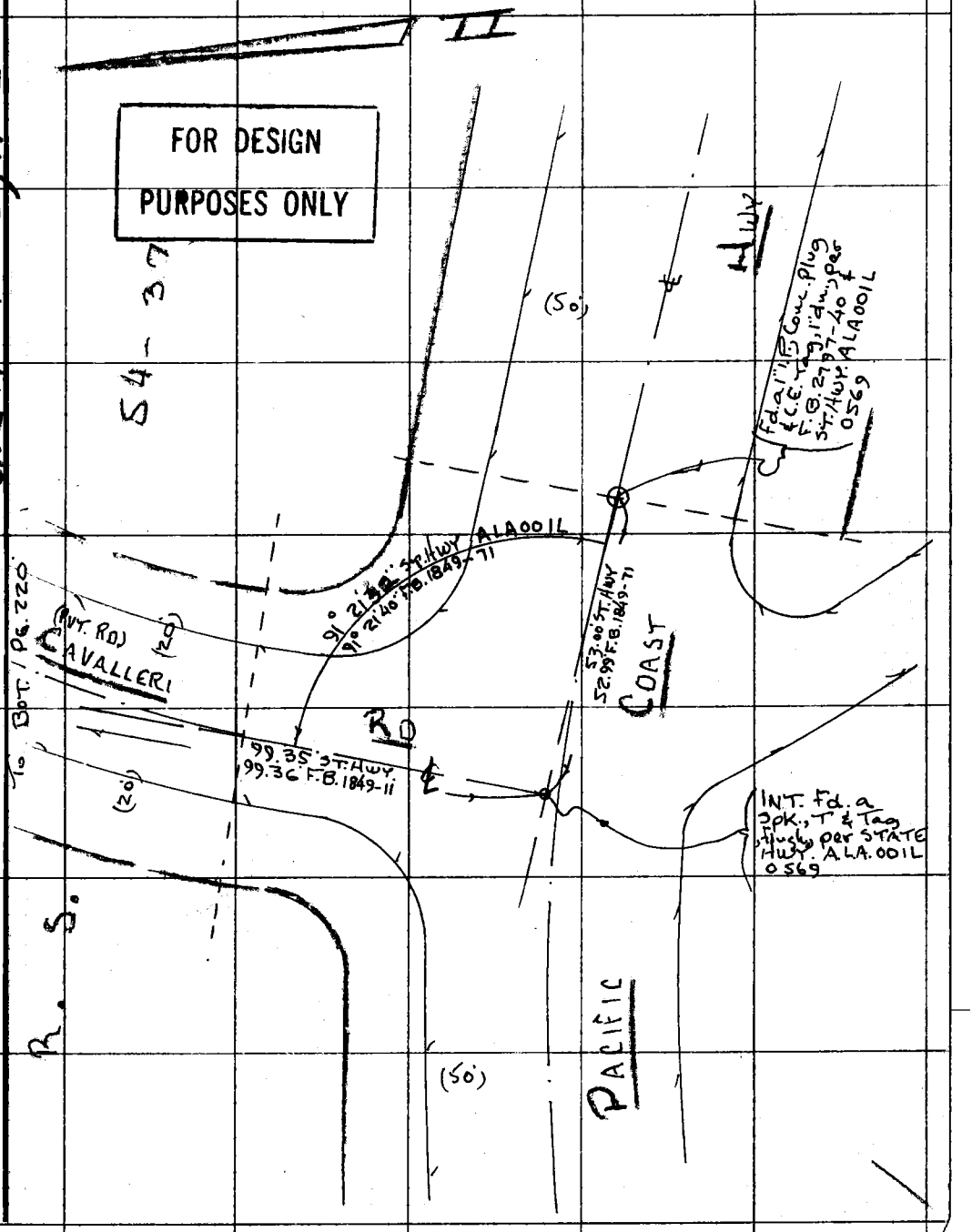
Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area
Map No.	JN 2574.14 Tape 109 Std 84 °F
Office Work	Surveyed by Tom Mankey
Checked	Notes Tom M. Date 3- '75
Date	Indexed

F. B. 2247 PG. 219



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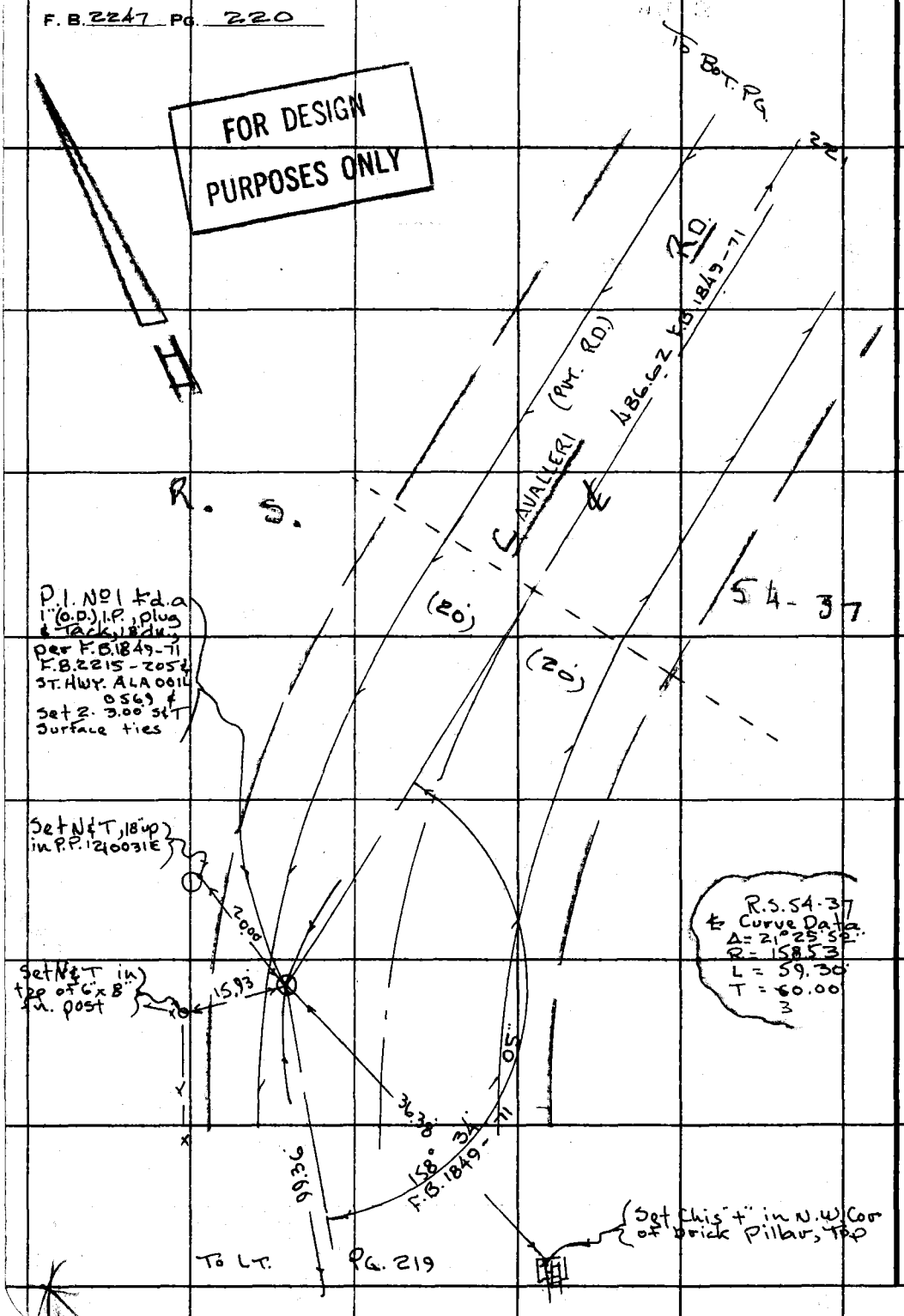
76F309S CE#310 3-69

F. B. 2247 PG. 220

FOR DESIGN PURPOSES ONLY



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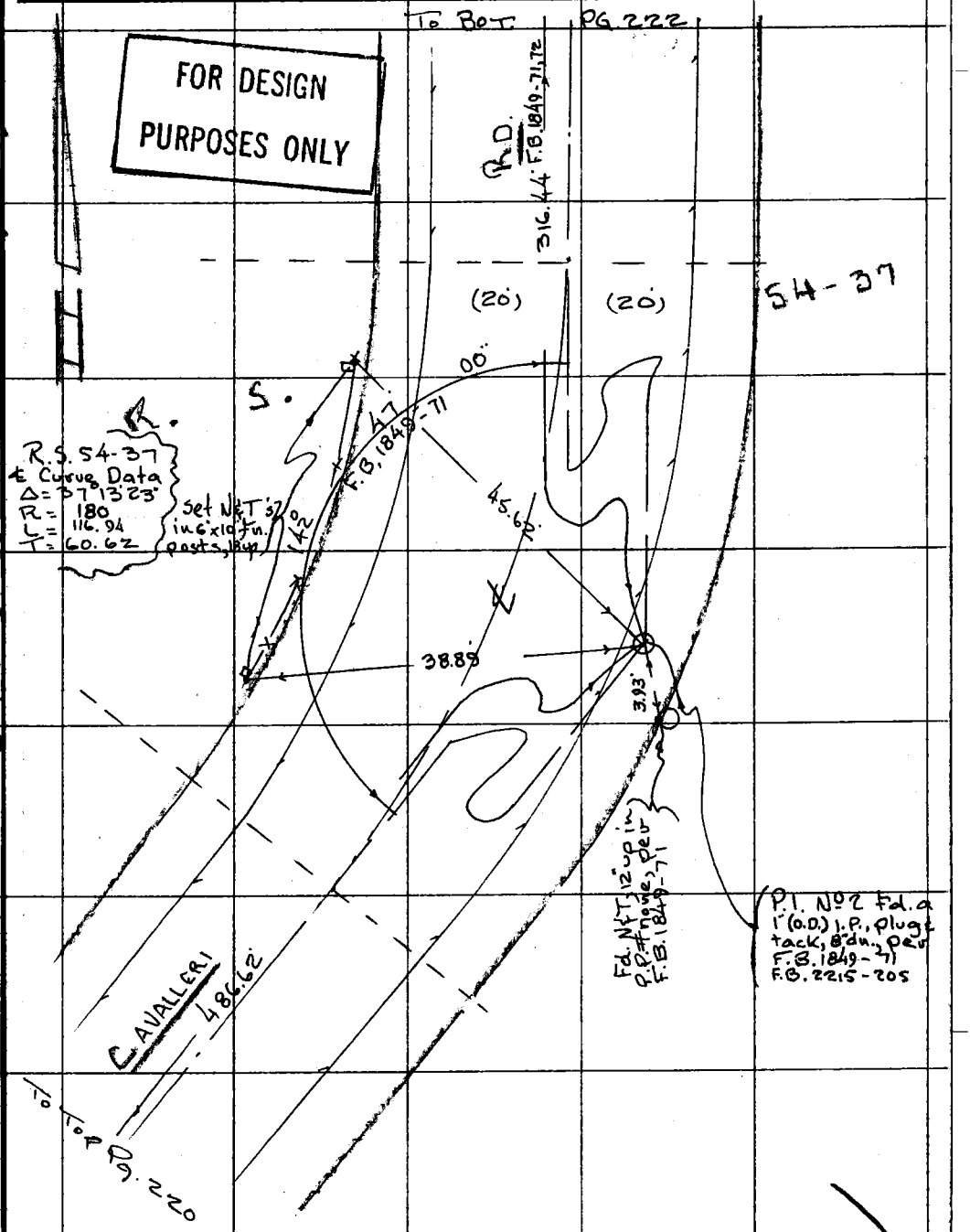
Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area
Map No.	JN 2574.14 Tape 109 Std 84 °F
Office Work	Surveyed by Tom Mankey
Checked	Notes Tom M. Date 3-75
Date	Indexed

F. B. 2247 PG. 221



W.S. 114-037, A-2

W.S. 92-A-2

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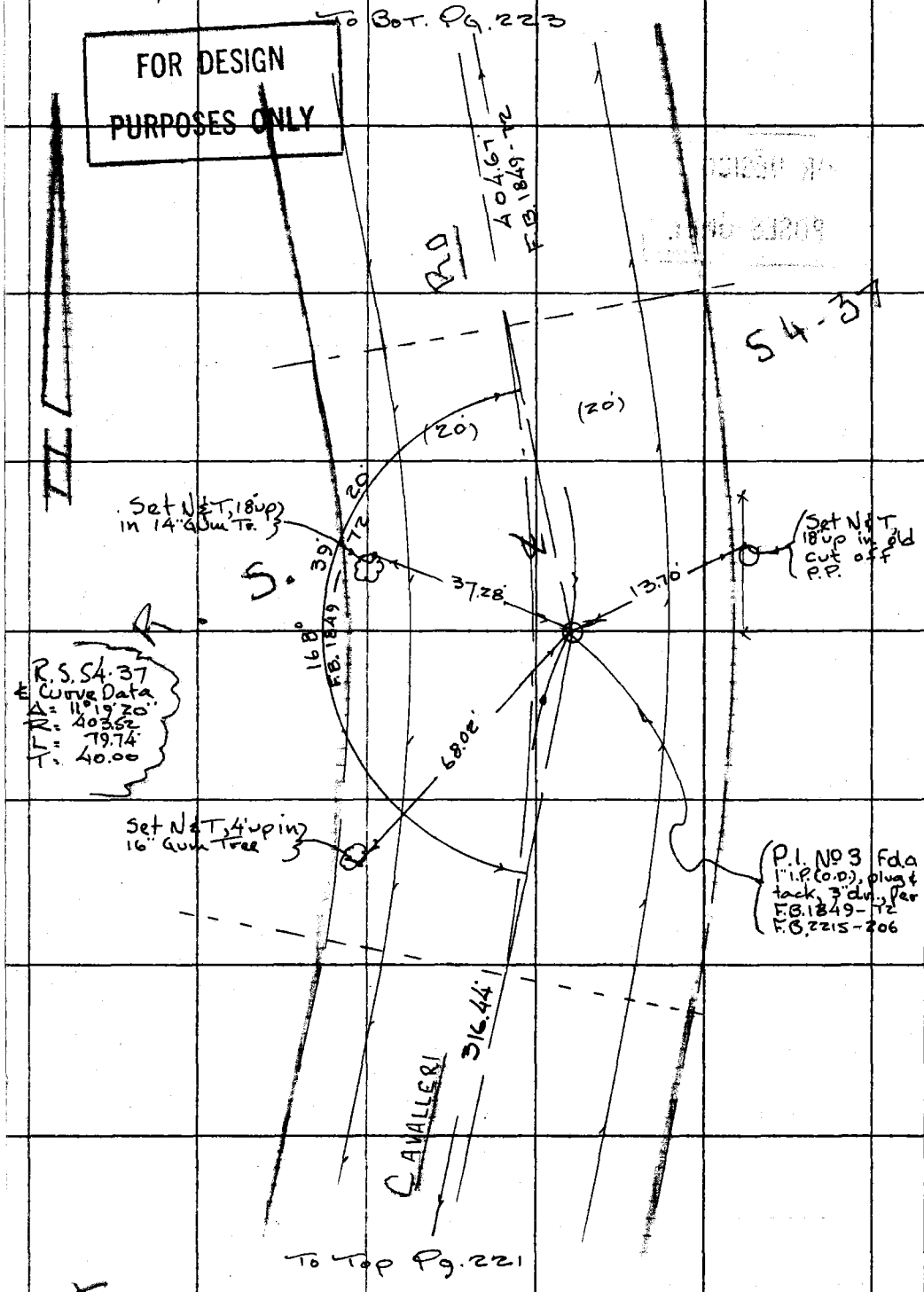
76F309S CE#310 3-69

F. B. 2247 PG. 222

FOR DESIGN
PURPOSES ONLY



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Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area	F. B. 2247 PG. 223
Map No.	JN2574.1 Tape 109 Std. 84 °F	
Office Work	Surveyed by Tom Mankey	
Checked	Notes Tom M. Date 3-75	
Date	Indexed	

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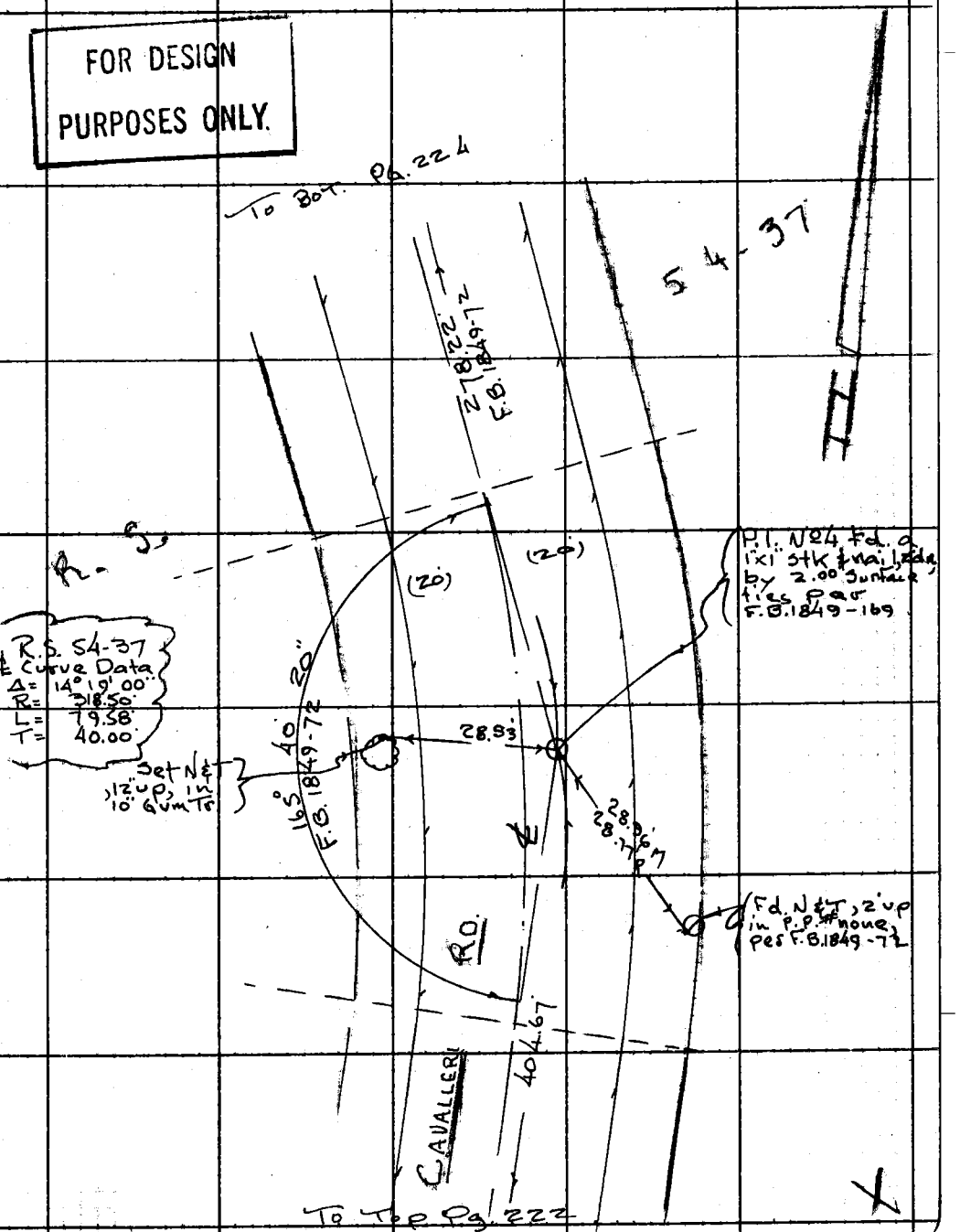
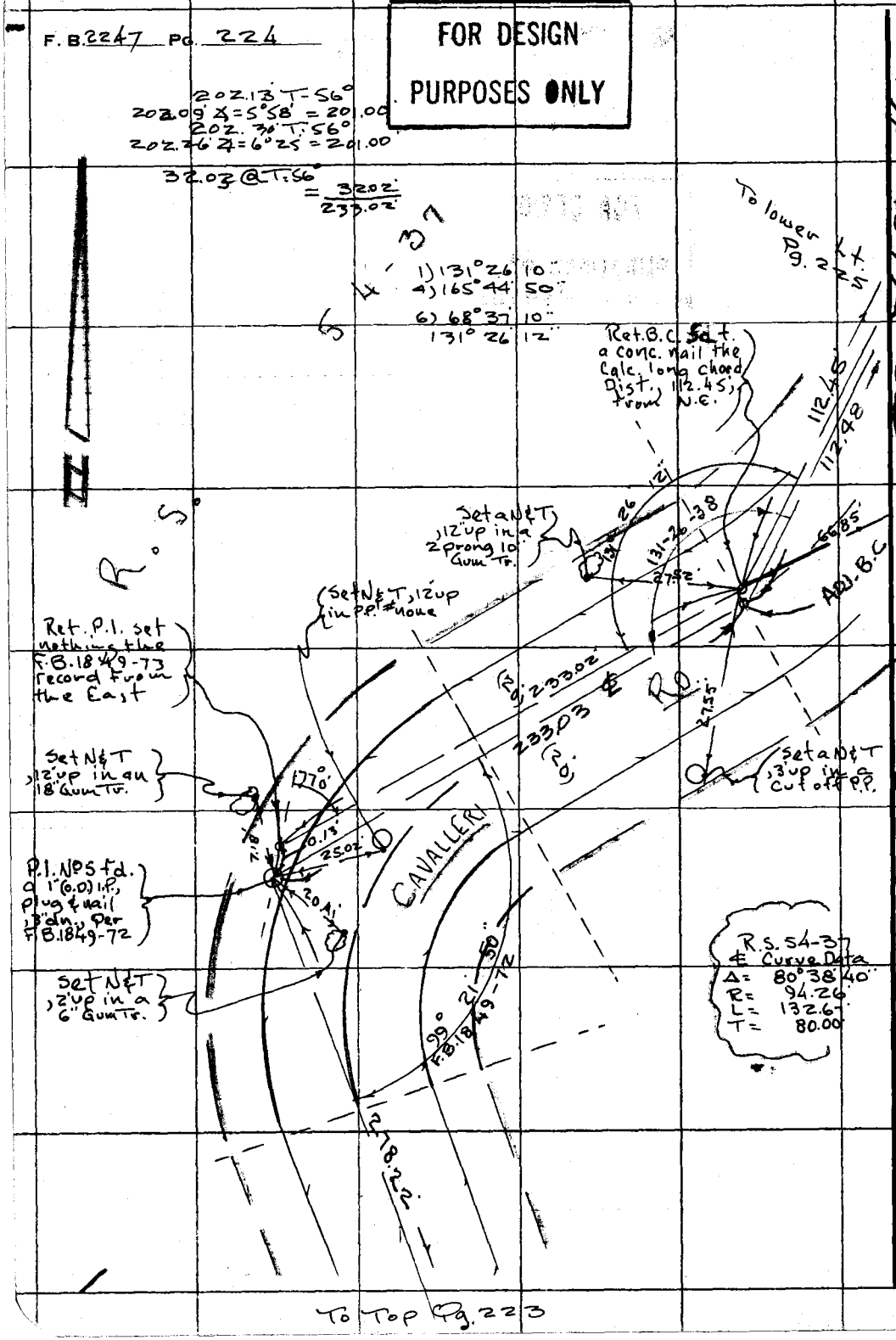


76F309S CE#310 3-69

F. B. 2247 Pg. 224

FOR DESIGN PURPOSES ONLY



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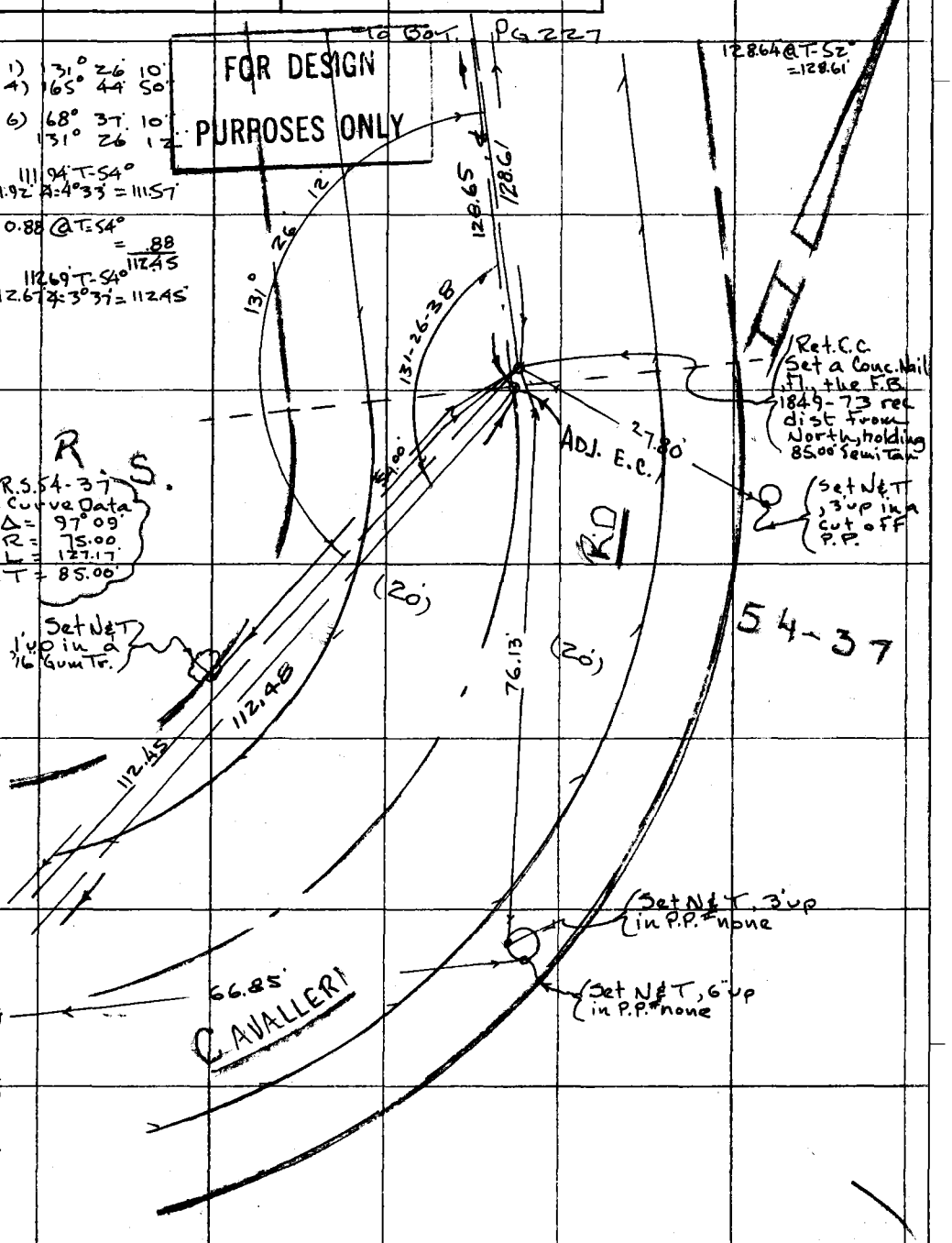
Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area	F. B. 2247 PG. 225
Map No.	JN 2574.14 Tape 109 Std 84 °F	
Office Work	Surveyed by Tom Mankey	
Checked	Notes Tom M. Date 3-75	
Date	Indexed	



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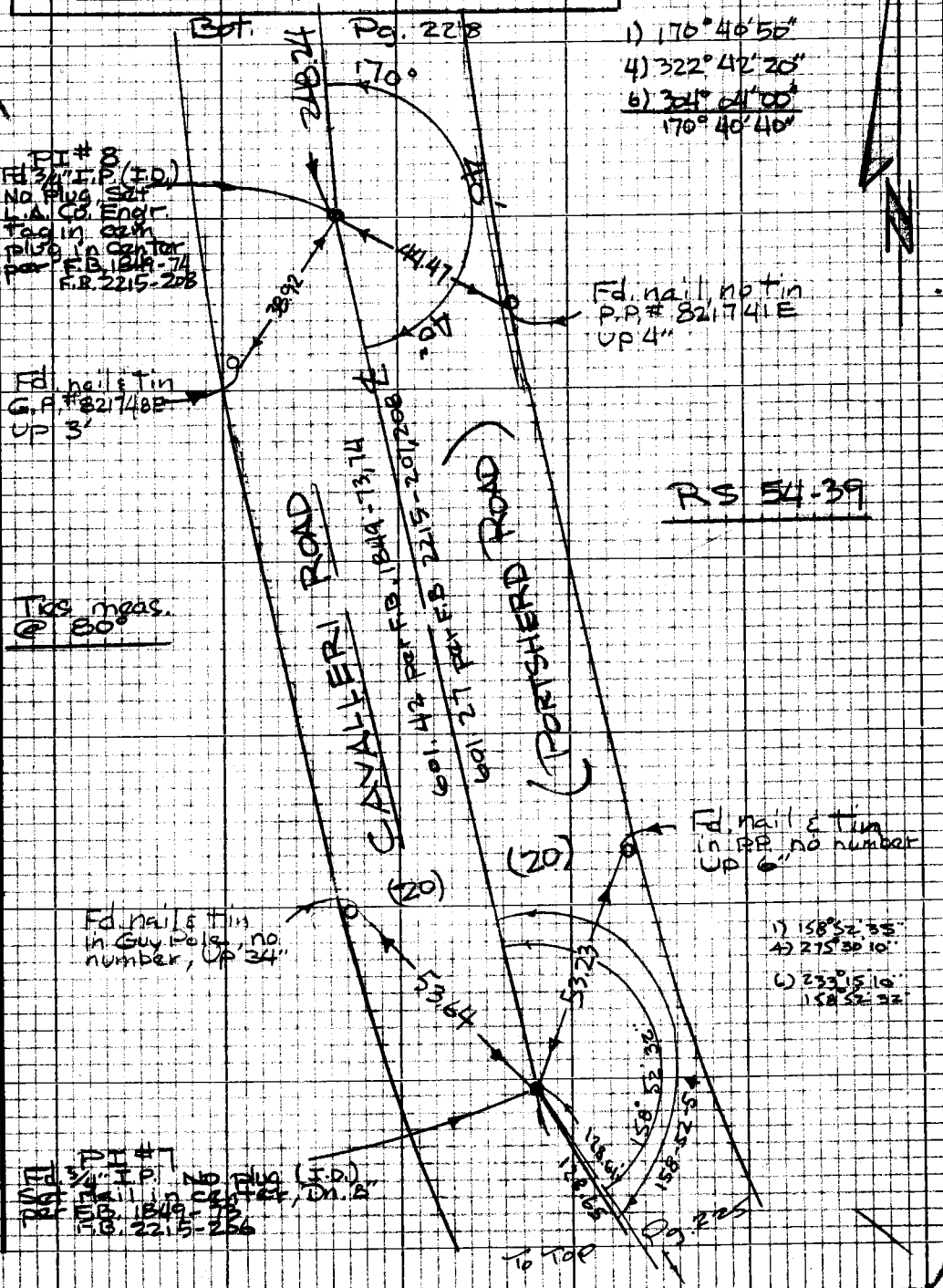
WS 92 A-2 114-037 A-2

76F309S CE#310 3-69

Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area
Map No.	JN 2574.14 Tape 7 Std 84 °F
Office Work	Surveyed by R.L. Strader
Checked	Notes R.L.S. Date 1-14-75
Date	Indexed

F.B. 2247 Pg. 227



114-037, A-2

6592 A-2

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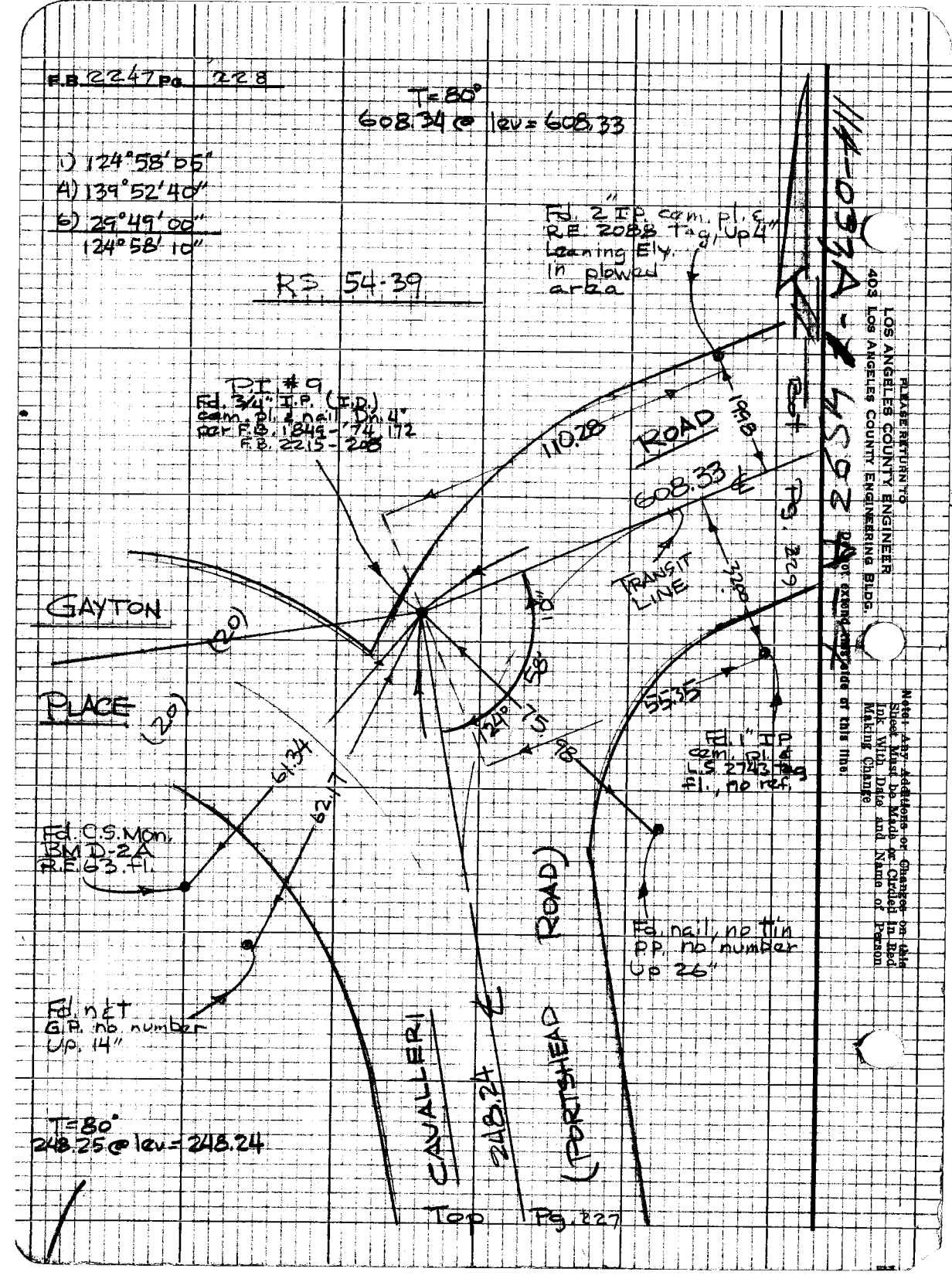
7623095 CE #310 8-66

F.B. 2247 Pg. 228

T=80°
608.34 @ elev = 608.33

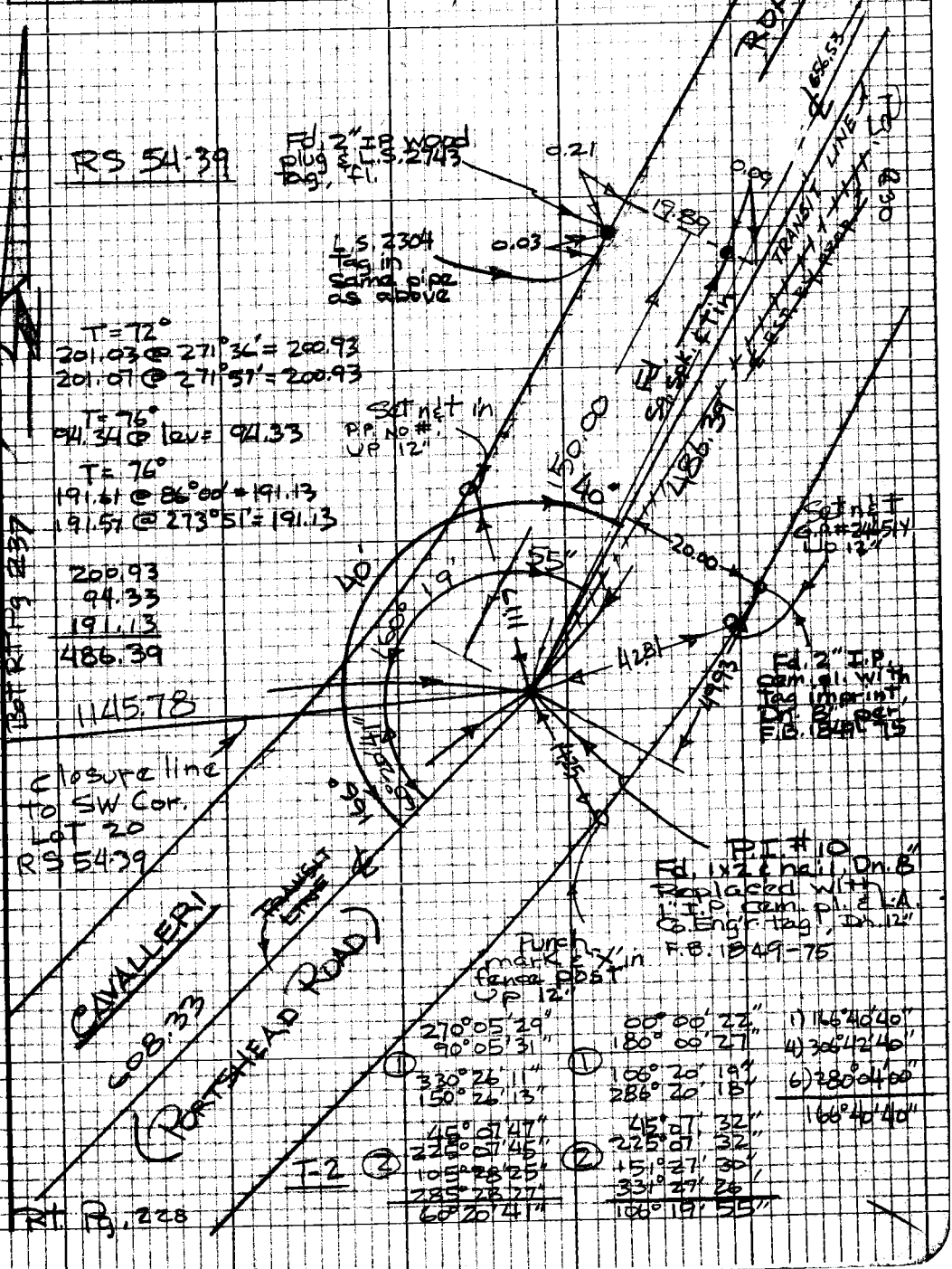
1) 124°58'05"
4) 139°52'40"
6) 29°49'00"
124°58'10"

R.S. 54-39



Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area
Map No.	JN 2574.14 Tape 7 Std 84 °F
Office Work	Surveyed by R.L. Strader
Checked	Notes R.L.S. Date 1-15-75
Date	Indexed

F.B. 2247 Pg. 229



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76P3098 CE #310 5-66

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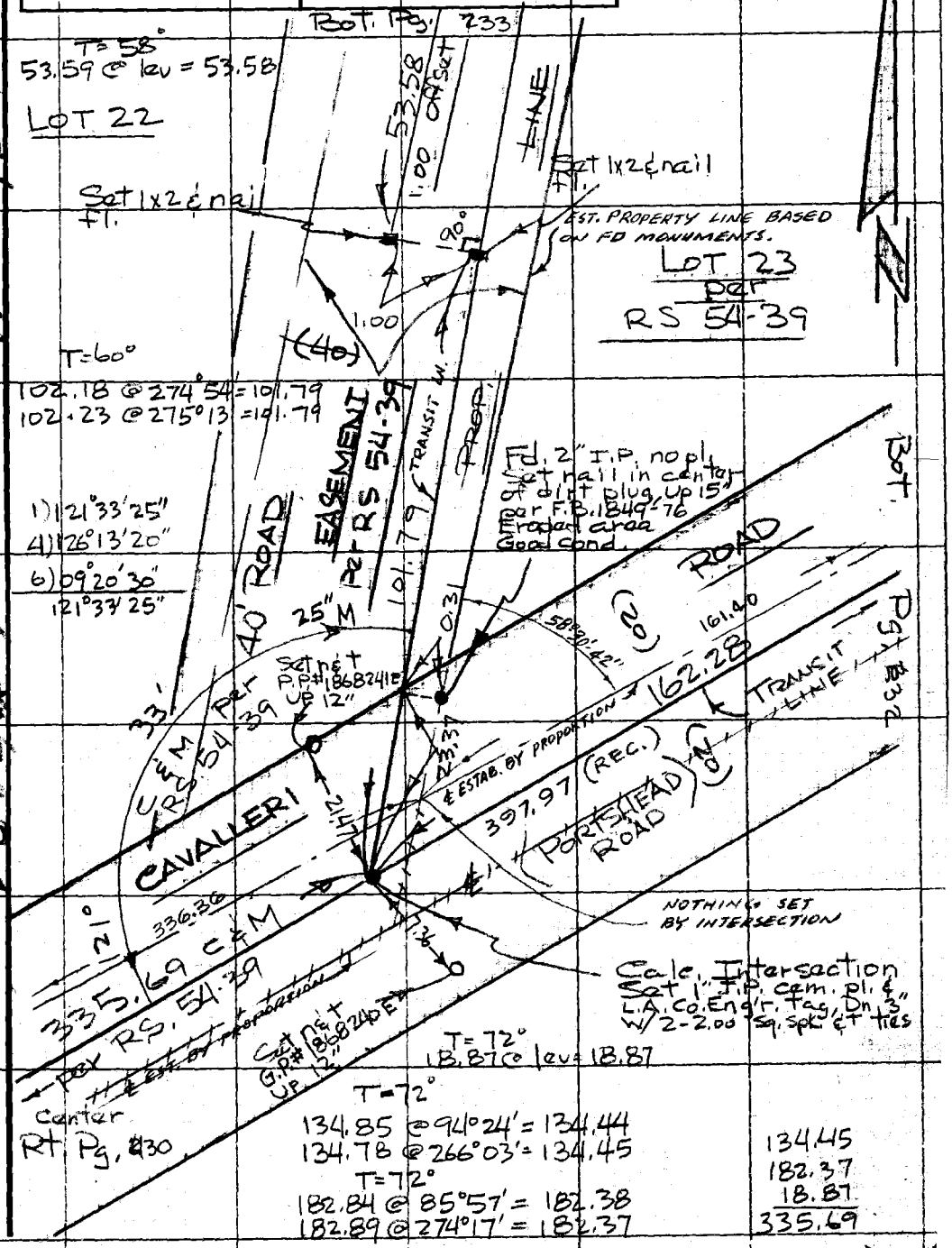
Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area	F. B. 2247 PG. 231
Map No.	JN 2574.14 Tape 7 Std 84 °F	
Office Work	Surveyed by R.L. Strader	
Checked	Notes R.L.S. Date 2-8-75	
Date	Indexed	



114037, B-1

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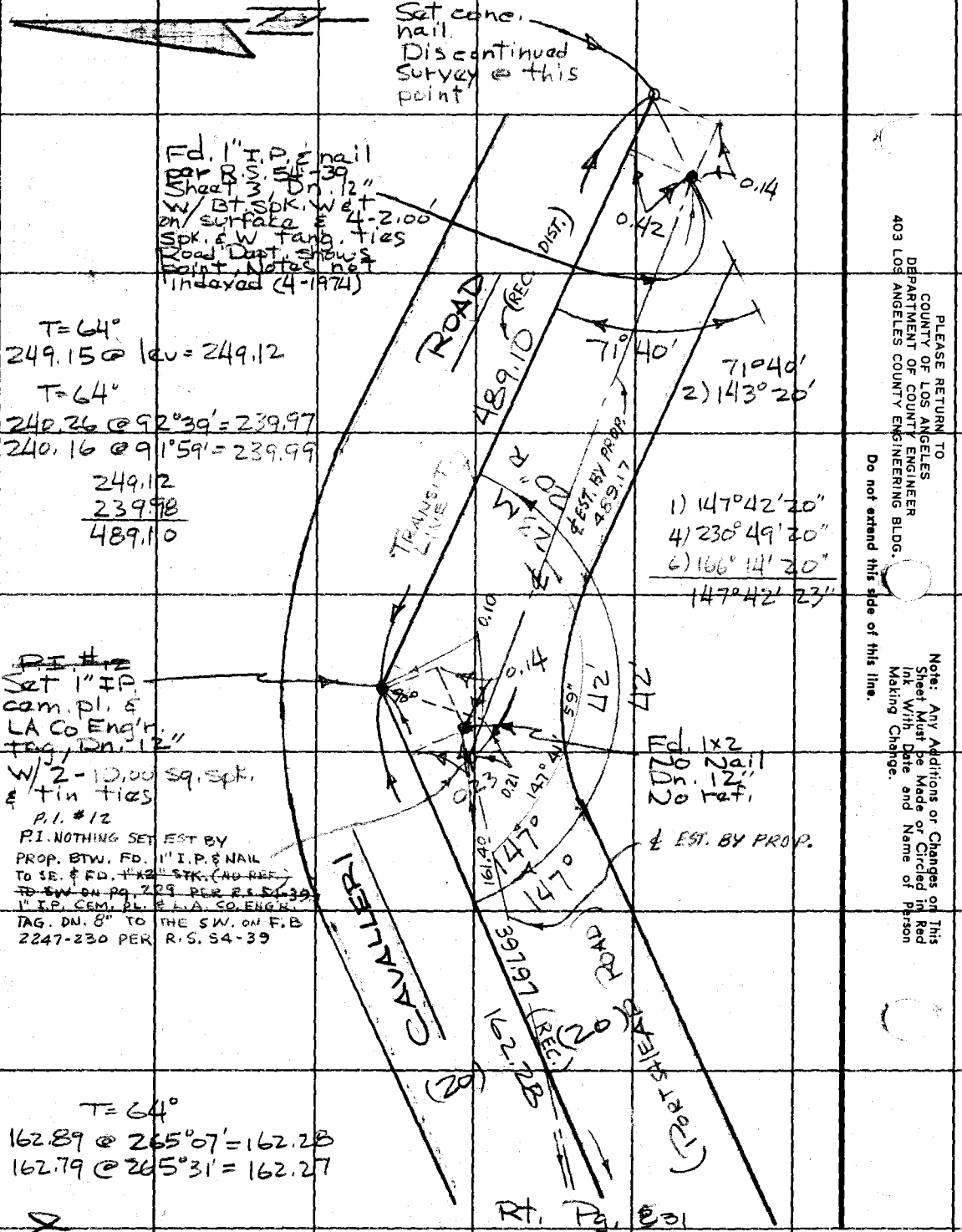
76F3095 CE#310 3-68

F.B. 2247 Pg. 332



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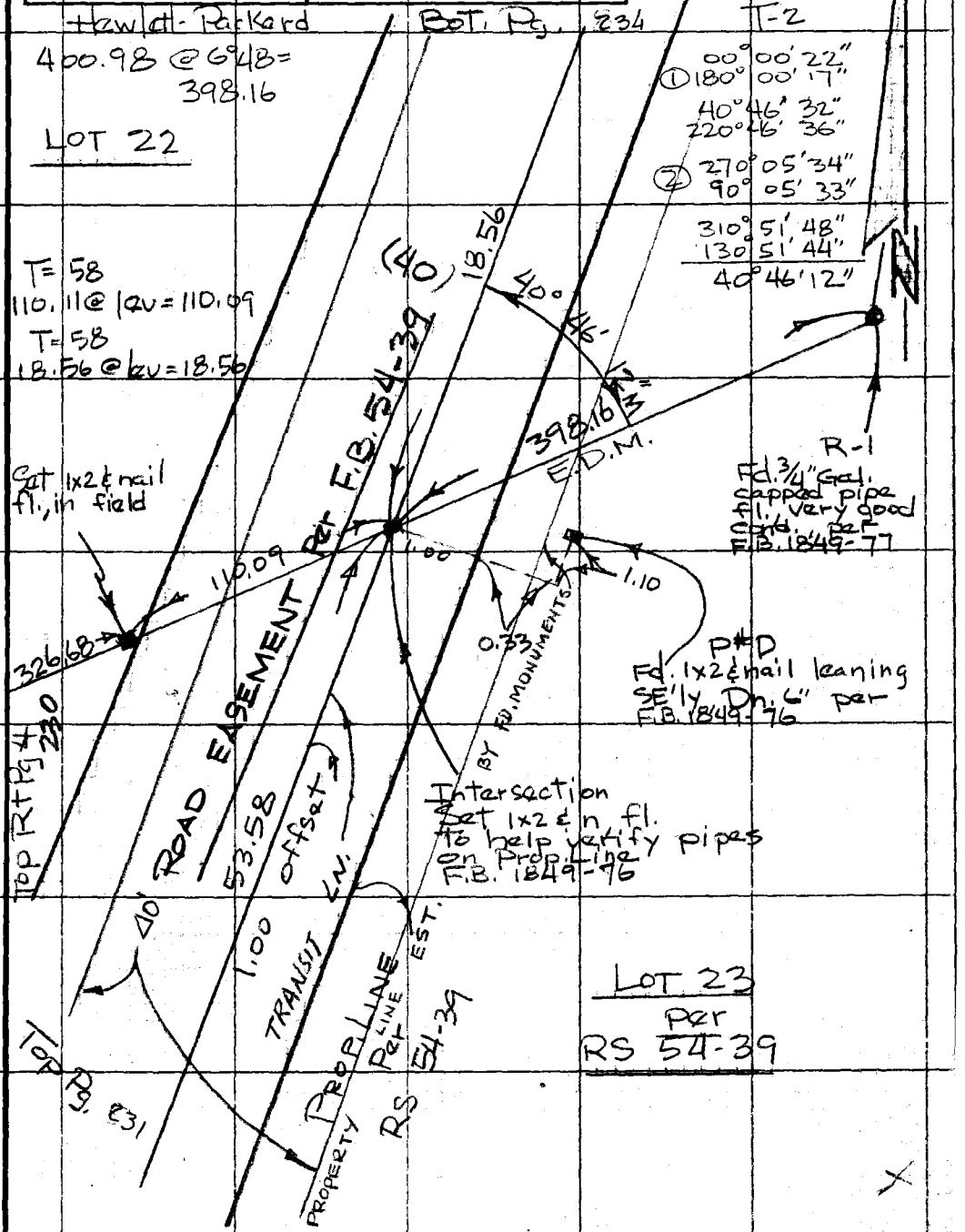
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area
Map No.	JN 2574.14 Tape 7 Std 84 °F
Office Work	Surveyed by R.L. Strader
Checked	Notes R.L.S. Date
Date	Indexed

F. B. 2247 PG. 233



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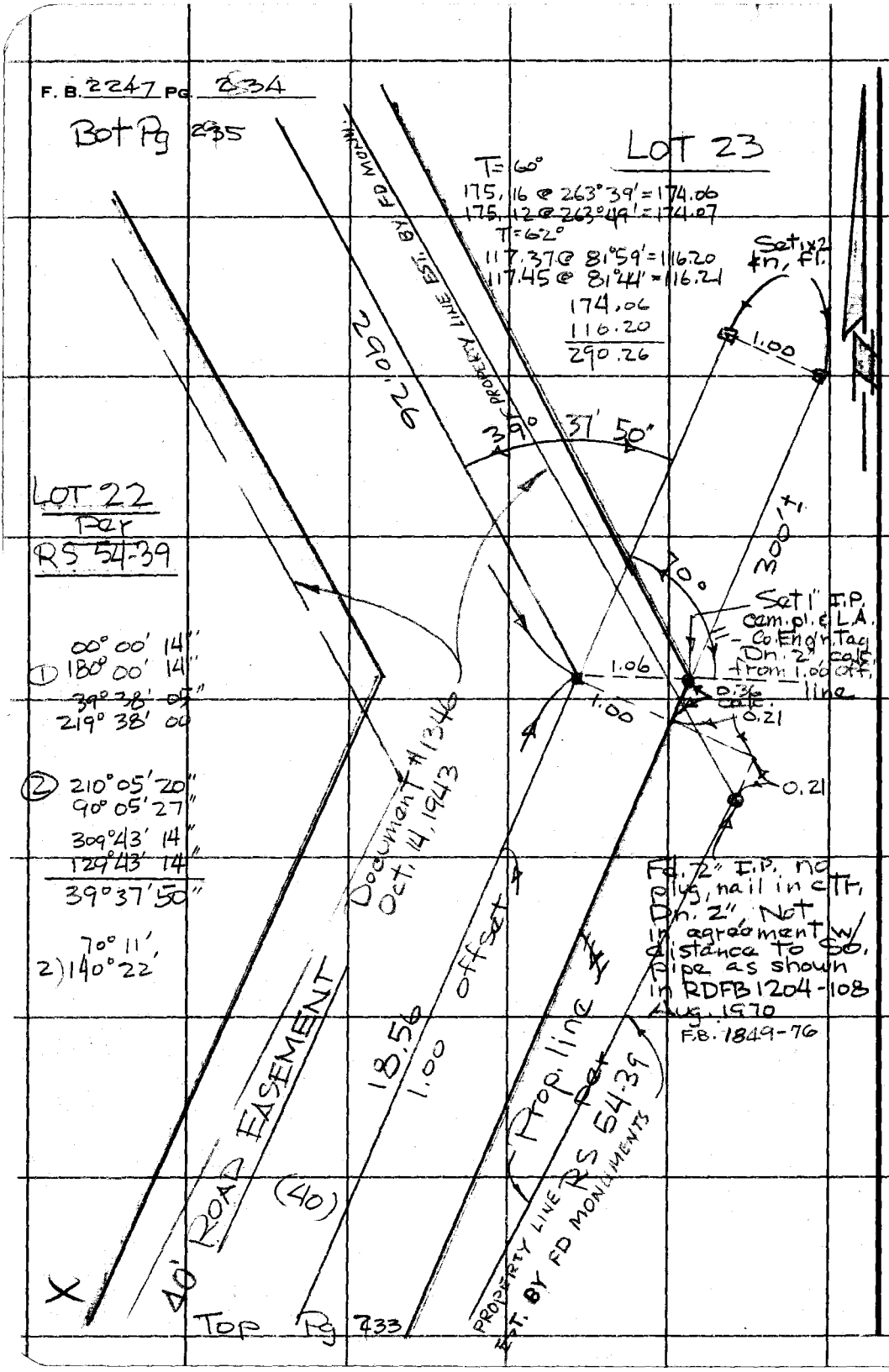
76F309S CE#310 3-68

F. B. 2247 PG. 234

Bot Pg 235



Top Pg 233

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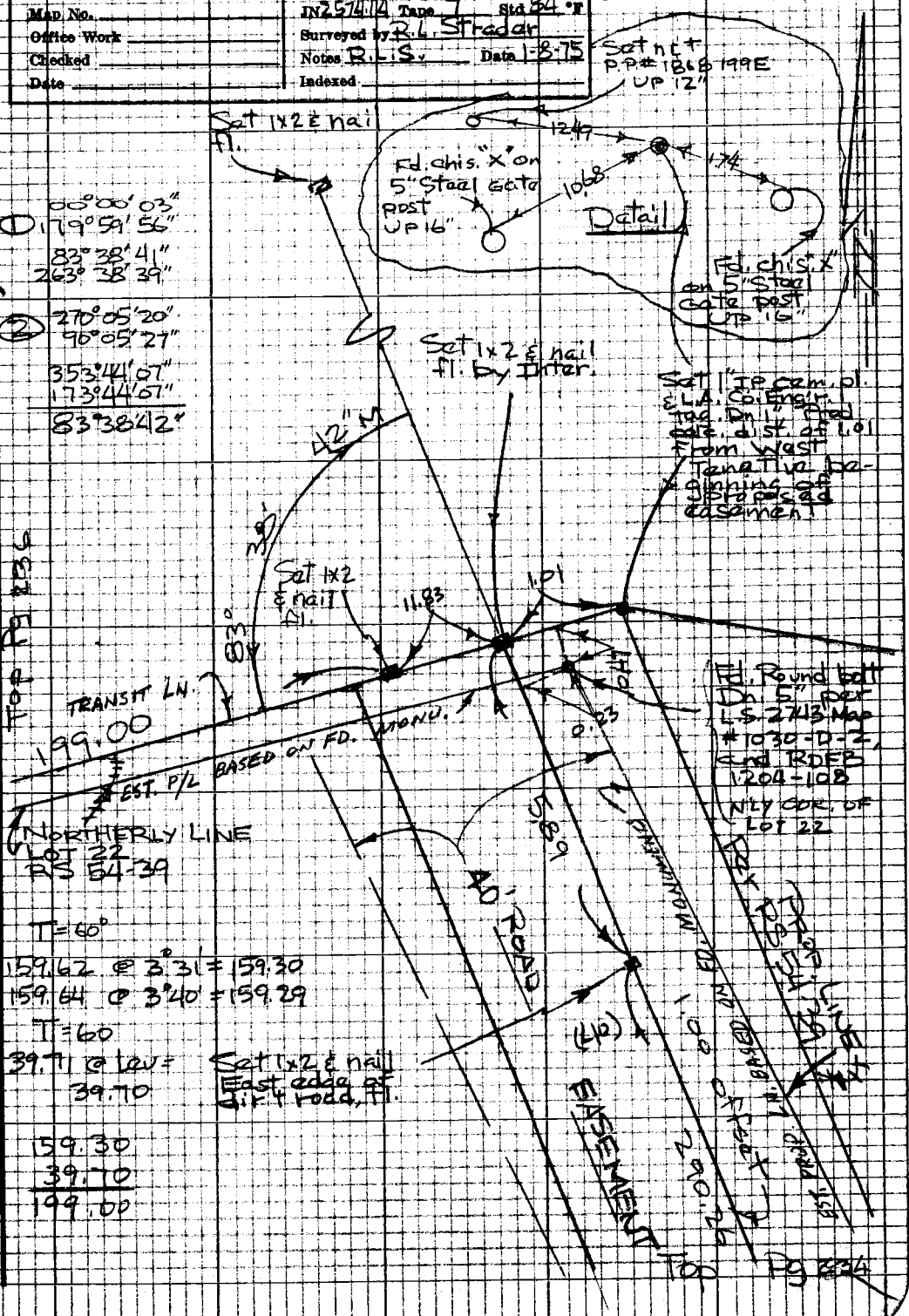
Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area
Map No.	JN 2574.14 Tape 7 Std 84 °F
Office Work	Surveyed by R.L. Strader
Checked	Notes R.L.S. Date 1-8-75
Date	Indexed

F.B. 2247 Pg. 235



① 00°00'03"
179°59'56"
83°38'41"
263°38'39"

② 270°05'20"
90°05'27"
353°44'07"
173°44'07"
83°38'42"

T = 60°
159.62 @ 3°31' = 159.30
159.64 @ 3°40' = 159.29
T = 60
39.71 @ Lev = 39.70

Set 1x2 & nail East edge of dirt road, fl.

159.30
39.70
199.00

114-037, B-1

WS92 A-3

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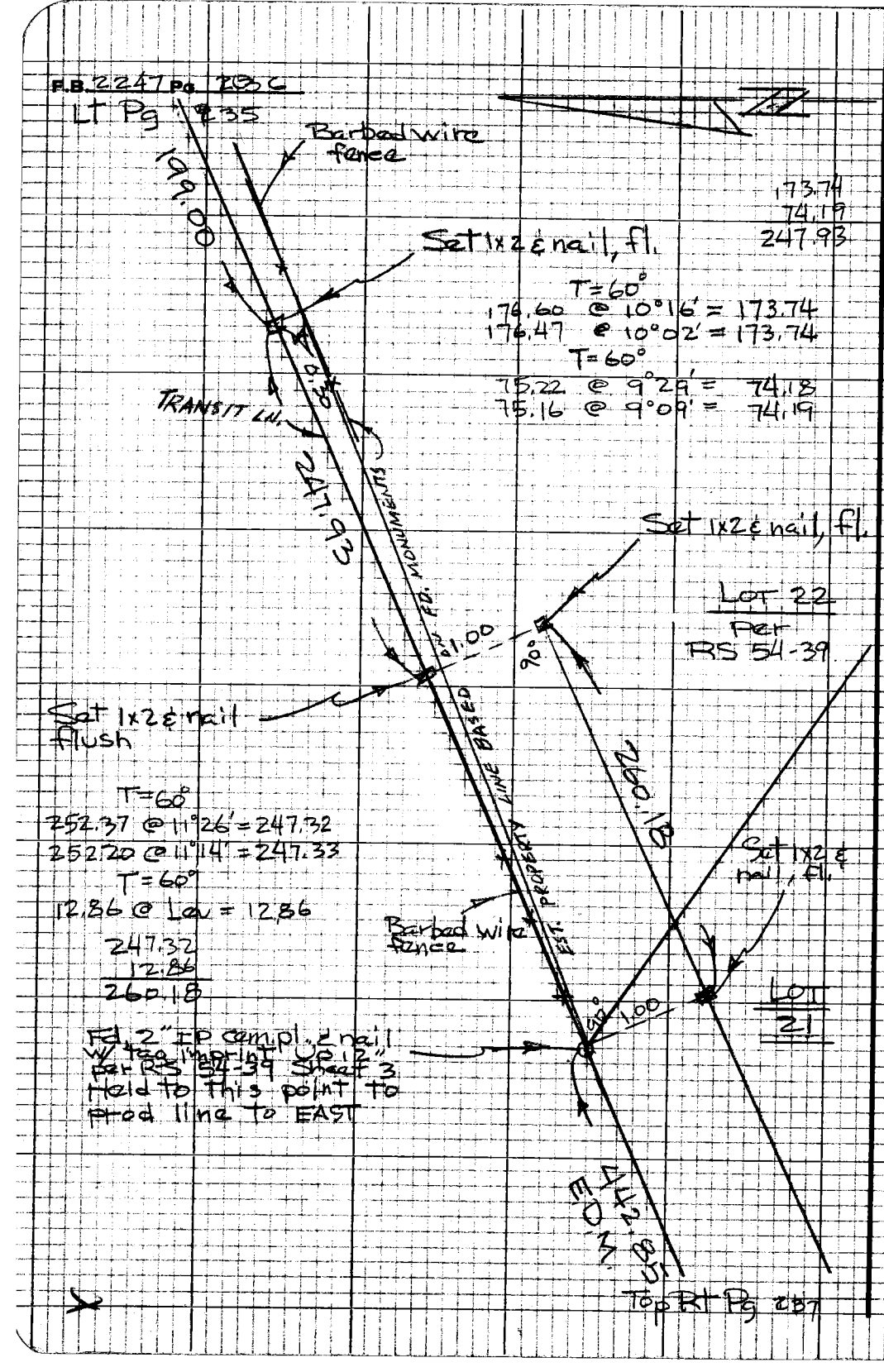
7SP3098 CE #310 5-66

F.B. 2247 Pg. 236



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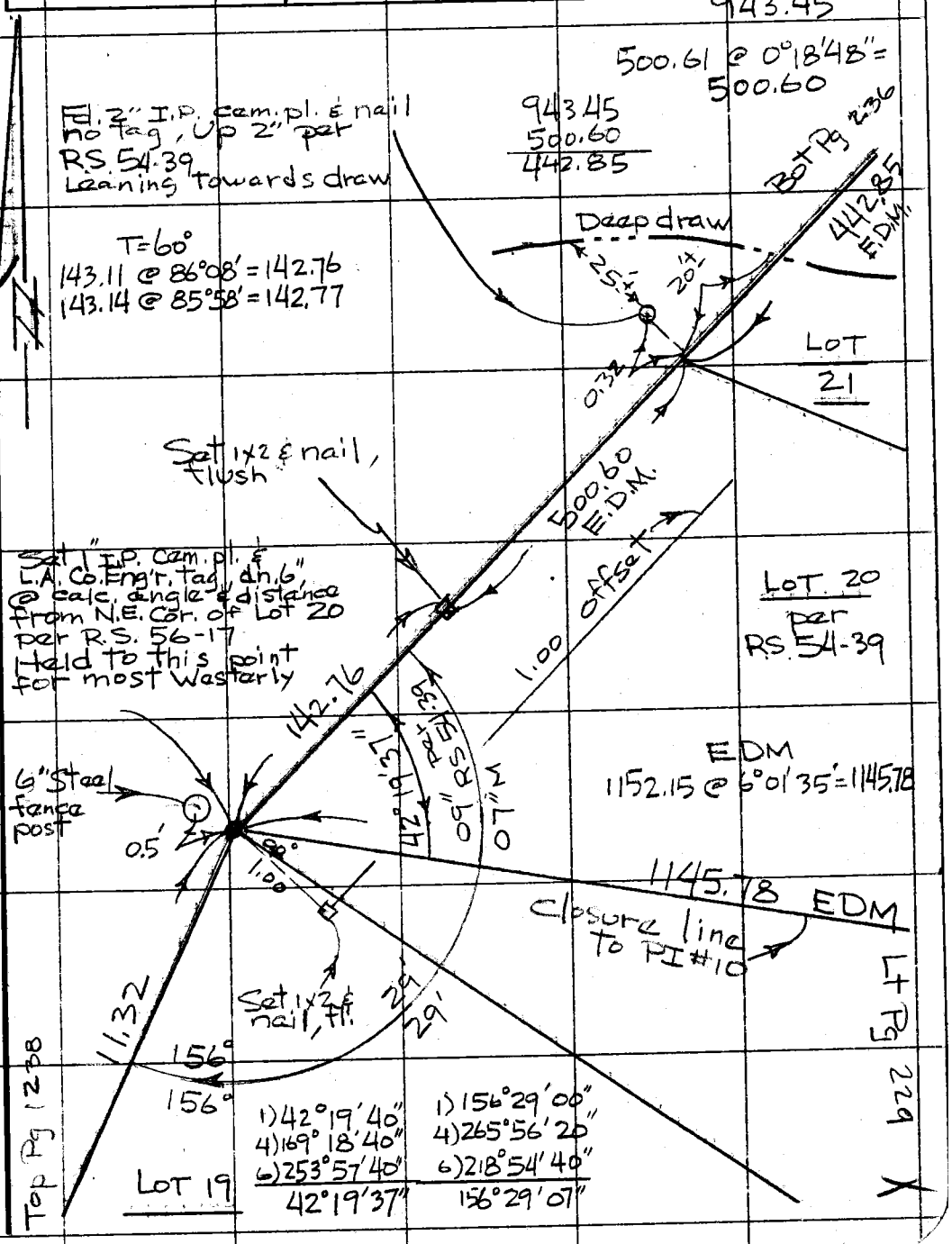
Notes Ck'd by	Survey of Zumirez Mesa Area
Map No.	JN 2574.14 Tape 7 Std 84 °F
Office Work	Surveyed by R.L. Strader
Checked	Notes R.L.S. Date 1-28-75
Date	Indexed

F. B. 2247 PG. 2/37



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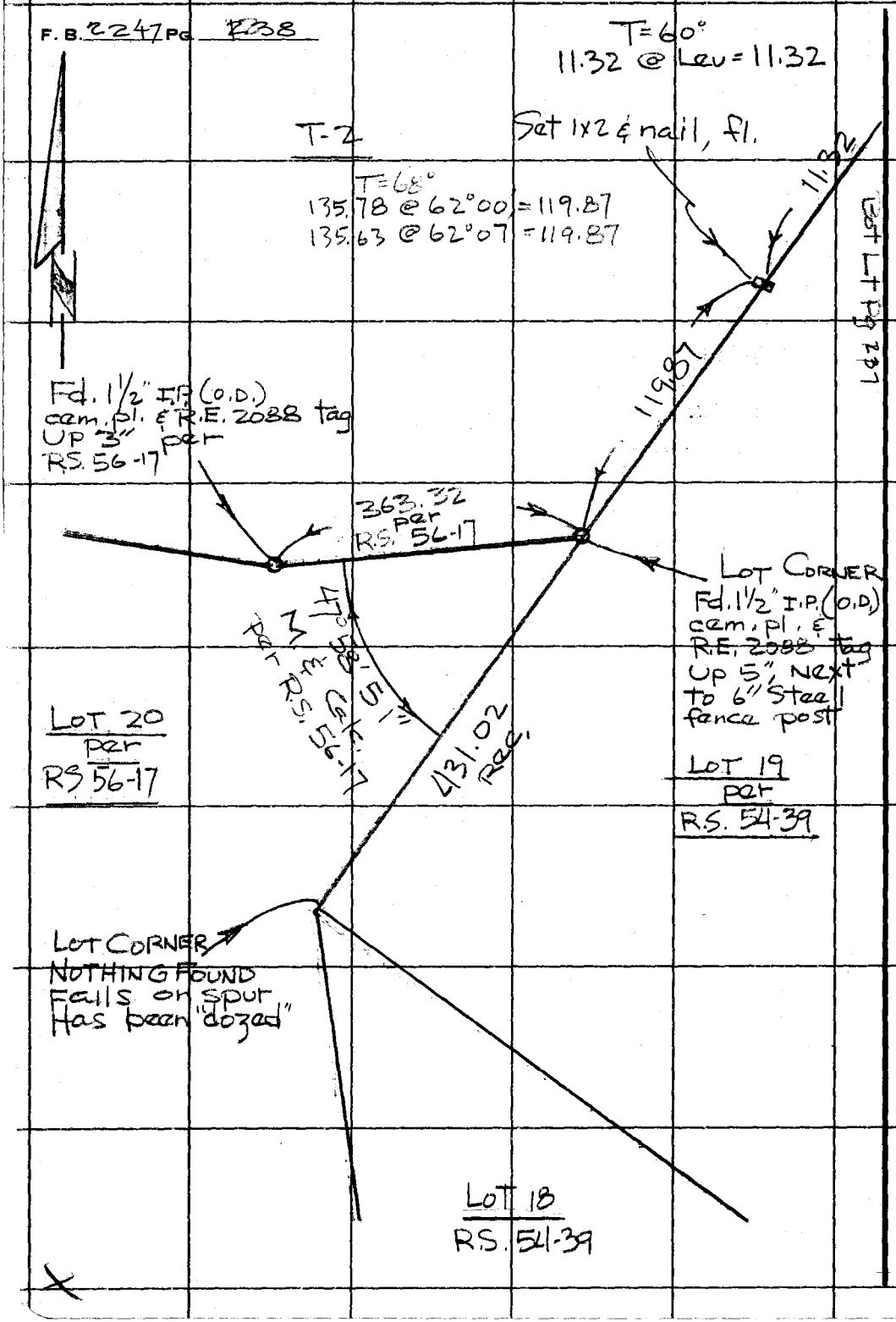
76F3095 CE#310 3-68

F. B. 2247 PG. 238



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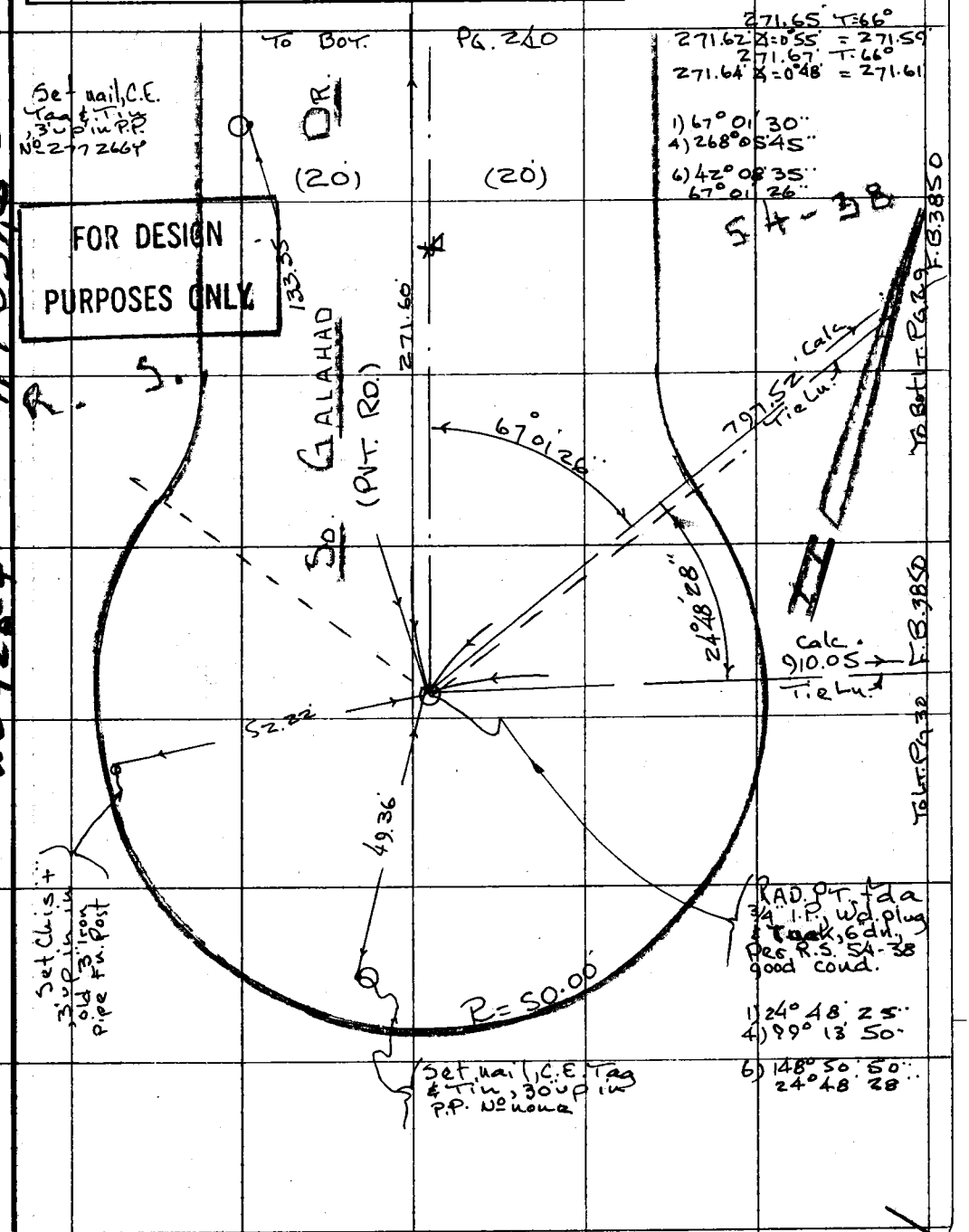
Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area
Map No.	JN2574.14 Tape 109 Std. 84 °F
Office Work	Surveyed by Tom Mankey
Checked	Notes Tom M. Date 3-75
Date	Indexed

F. B. 2247 PG. 239



114-037-B-2

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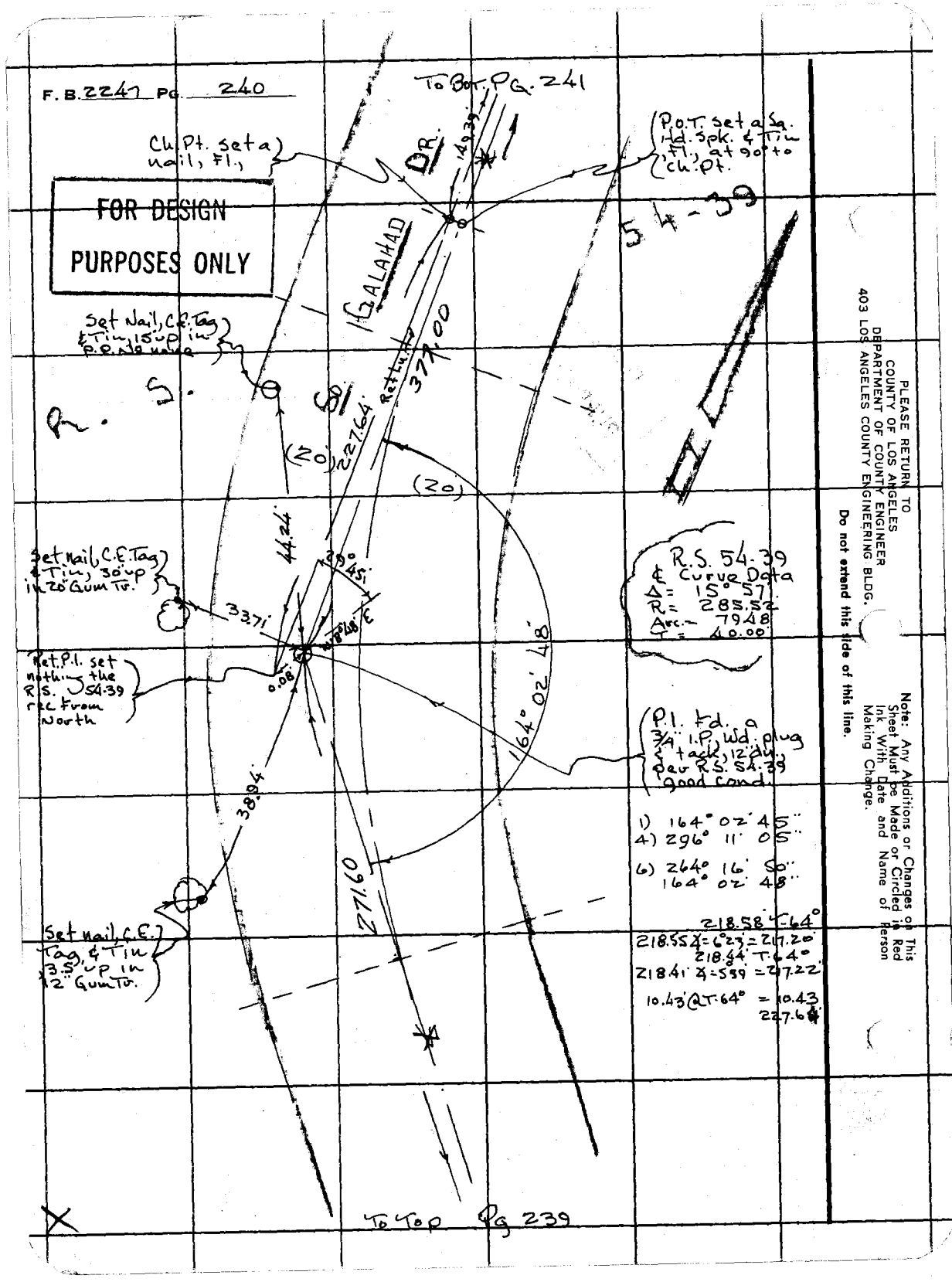
76F309S CE#310 3-69

F.B. 2241 PG. 240



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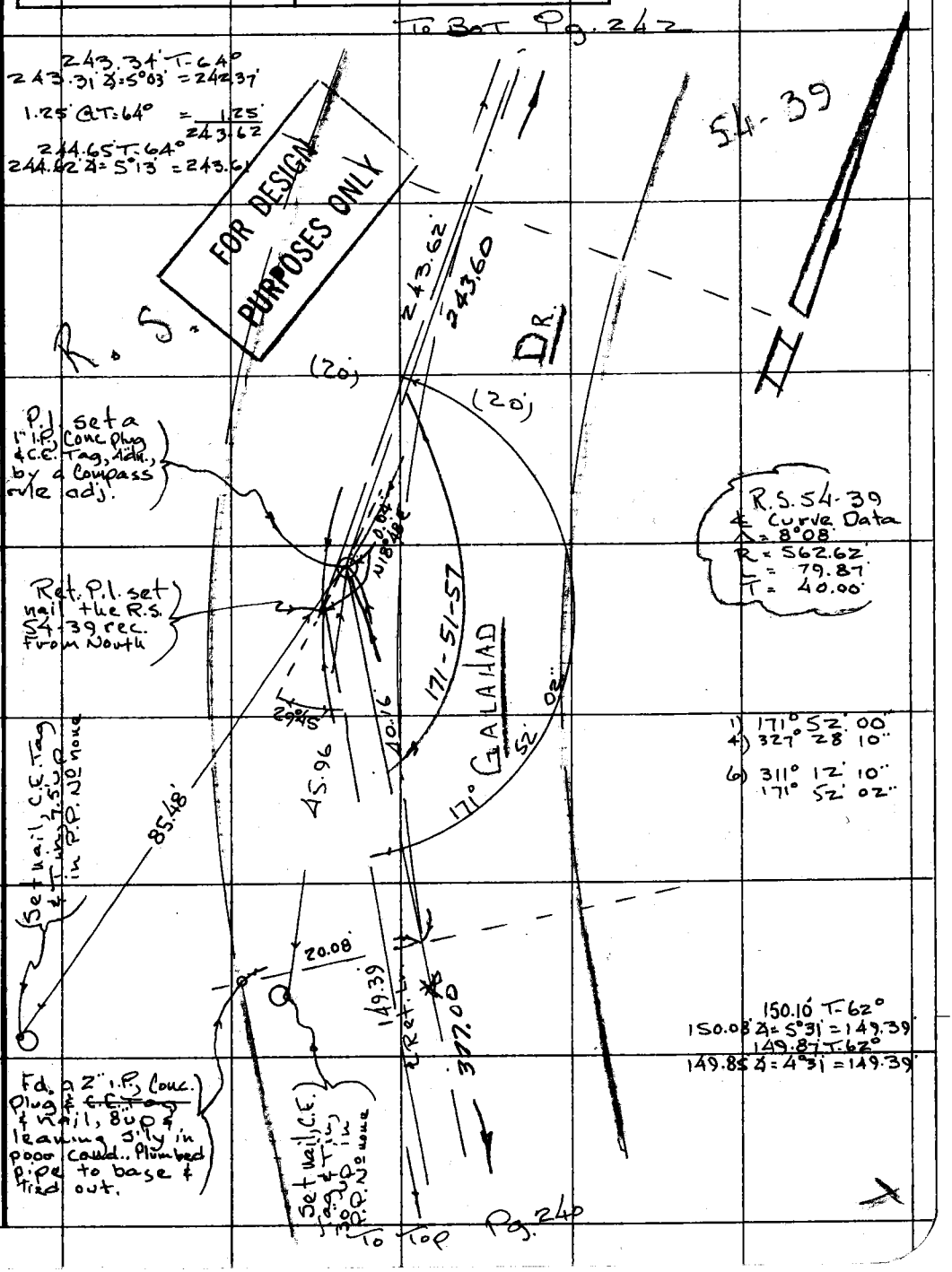
Notes Ck'd by C. TOY	Survey of Zumiraz Mesa Area	F. B. 2247 PG. 241
Map No.	JN 2574.14 Tape 109 Std 84 °F	
Office Work	Surveyed by Tom Mankey	
Checked	Notes Tom M. Date 3-75	
Date	Indexed	



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76F309S CE#310 3-69

F. B. 2247 Pg. 242

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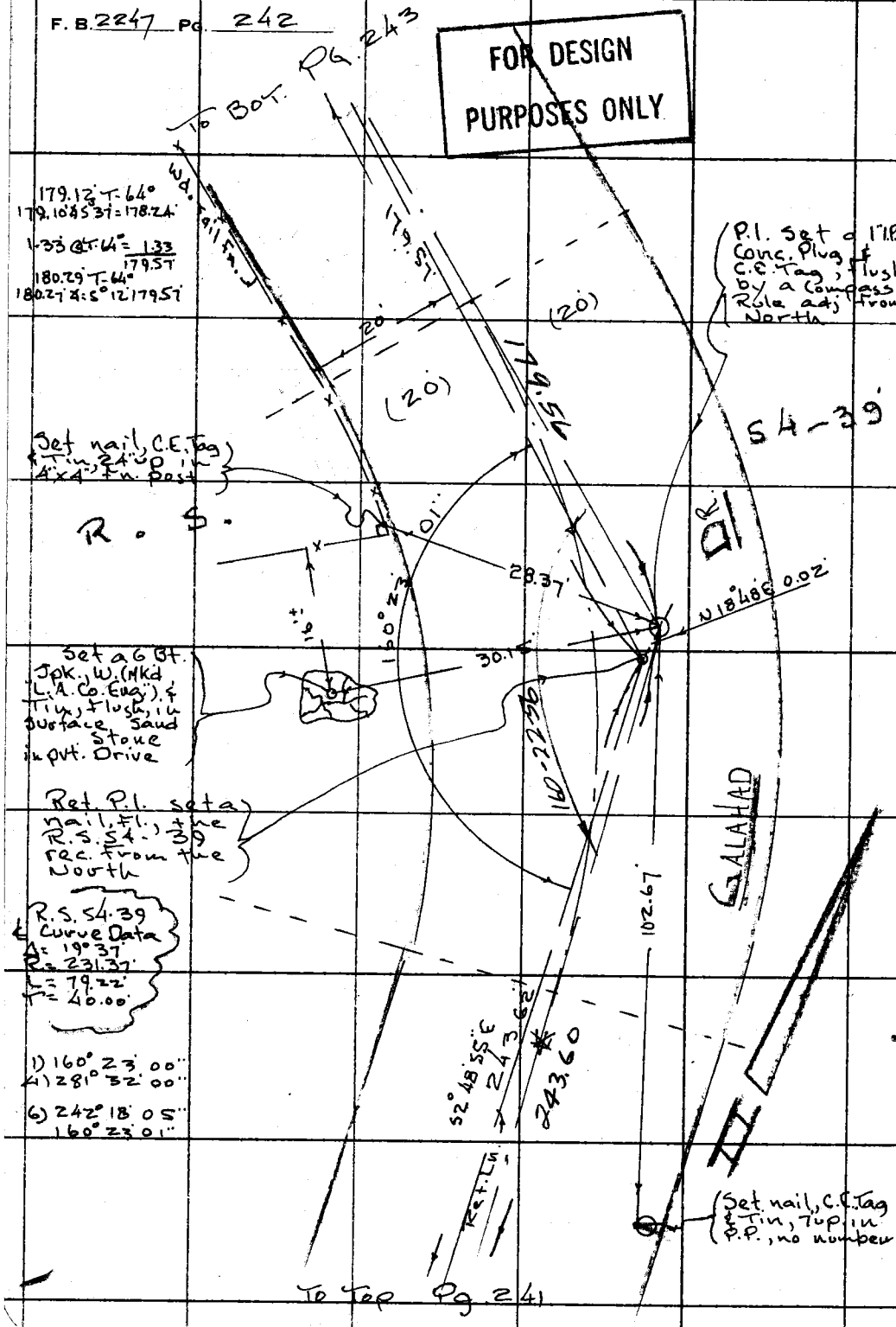

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WS 92 A-4

11-4-037 B-2

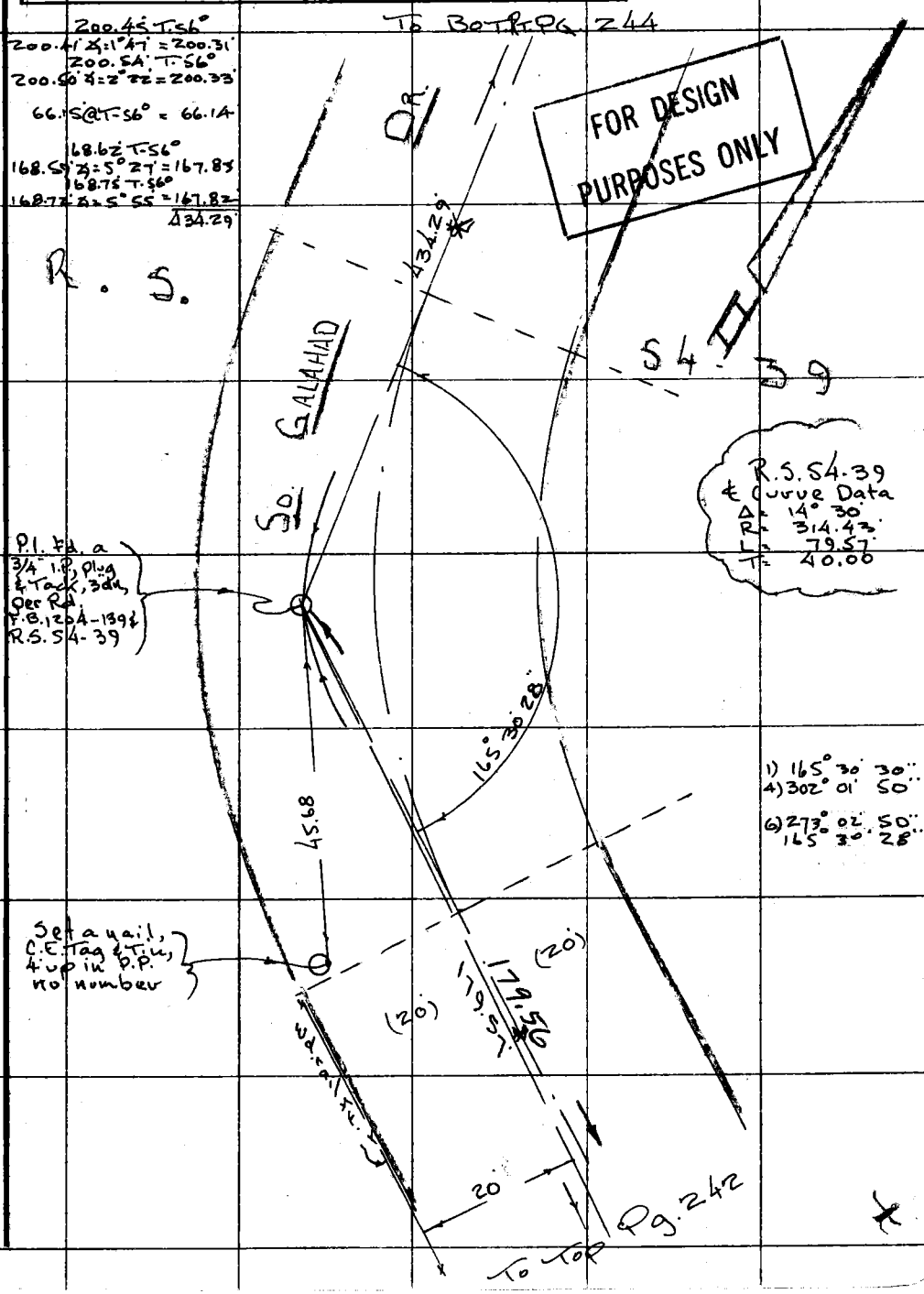
Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area
Map No.	JN 2574.14 Tape 109 Std 84 °F
Office Work	Surveyed by Tom Mankey
Checked	Notes Tom M. Date 3-75
Date	Indexed

F. B. 2247 PG. 243

200.45' T-56°
200.41' ∡=1°47' = 200.31'
200.54' T-56°
200.50' ∡=2°22' = 200.33'

66.15' @ T-56° = 66.14

168.62' T-56°
168.59' ∡=5°27' = 167.83
168.75' T-56°
168.72' ∡=5°55' = 167.82
434.29'



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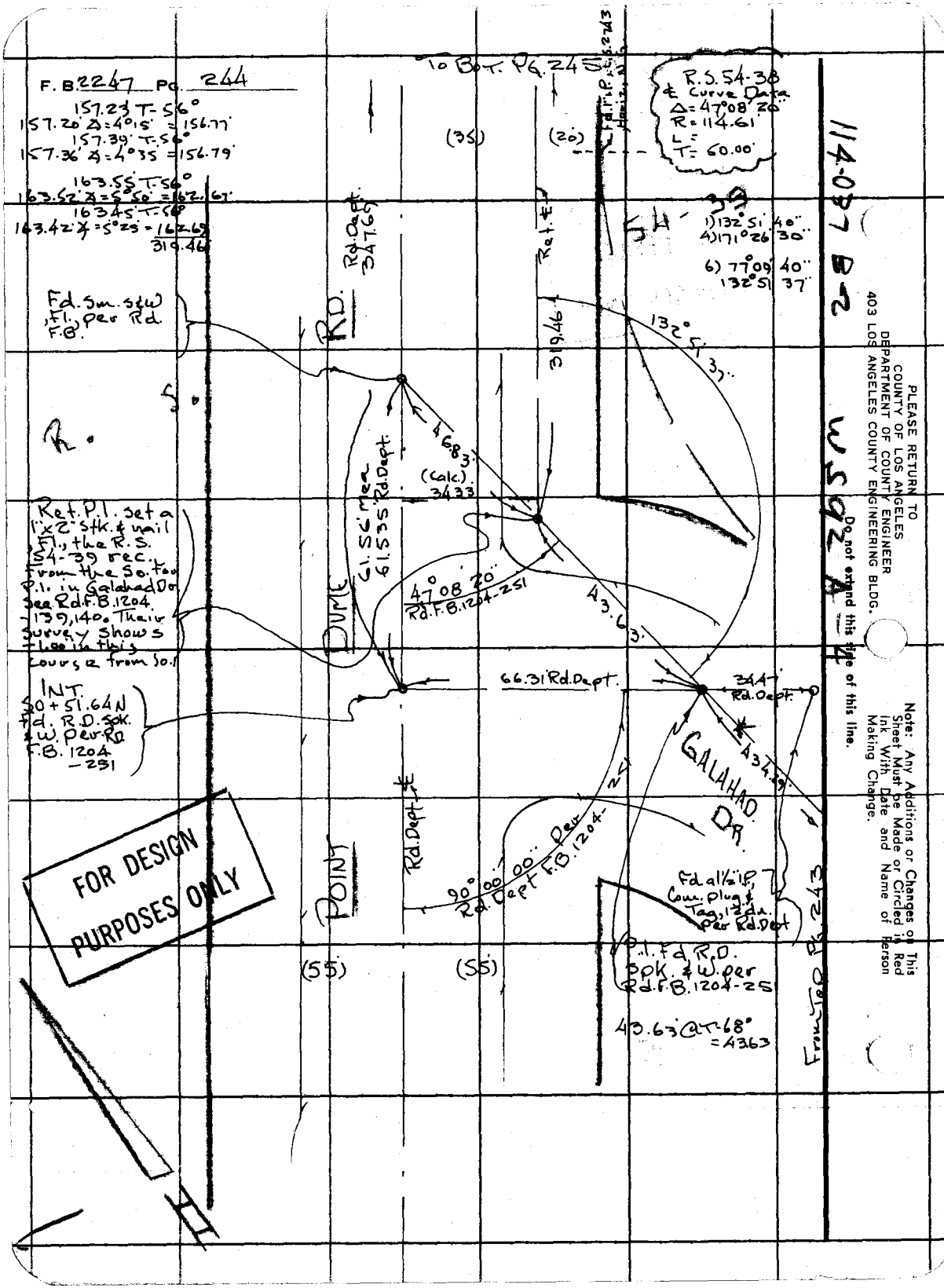
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69


F.B. 2247 Pg. 244
157.23 T-56°
157.20 Δ=4°15' = 156.77'
157.39' T-56°
157.36' Δ=4°35' = 156.79'
163.55 T-56°
163.52' Δ=5°50' = 162.67'
163.45' T-56°
163.42' Δ=5°25' = 162.69
319.46
To Bot. Pg. 245
R.S. 54-38
℄ Curve Data
Δ=47°08' 20"
R=114.61'
L=
T=60.00'
(35)
(20)
Rd. Dept. 347.69
Ret. ℄
54-39
1) 132°51' 40"
4) 171°26' 30"
6) 77°09' 40"
132°51' 37"
Fd. Sm. S&W, Fl., per Rd. F.B.
RD.
319.46
132°51' 37"
46.83'
(Calc.) 34.33
61.56' Mea
61.535' Rd. Dept.
Ret. P.I. set a 1"x2" Stk. & nail Fl., the R.S. 54-39 rec. from the So. for P.I. in Galahad Dr. See Rd. F.B. 1204-139, 140. Their survey shows 1.00 in this course from So.
47°08' 20"
Rd. F.B. 1204-251
43.63'
DUME
66.31' Rd. Dept.
34.47' Rd. Dept.
INT. So + 51.64 N Fd. R.D. Spk. & W. per Rd. F.B. 1204-251
GALAHAD DR.
434.29'
Rd. Dept. ℄
90°00' 00" per Rd. Dept F.B. 1204-251
POINT
Fd. a 1½" I.P., Com. plug & Tag, 12 dn. per Rd. Dept
P.I. Fd. R.D. Spk. & W. per Rd. F.B. 1204-25
(55)
(55)
43.63' @ T-68° = 43.63
From Top Pg. 243
FOR DESIGN PURPOSES ONLY
114-037 B-2
W592 A-4
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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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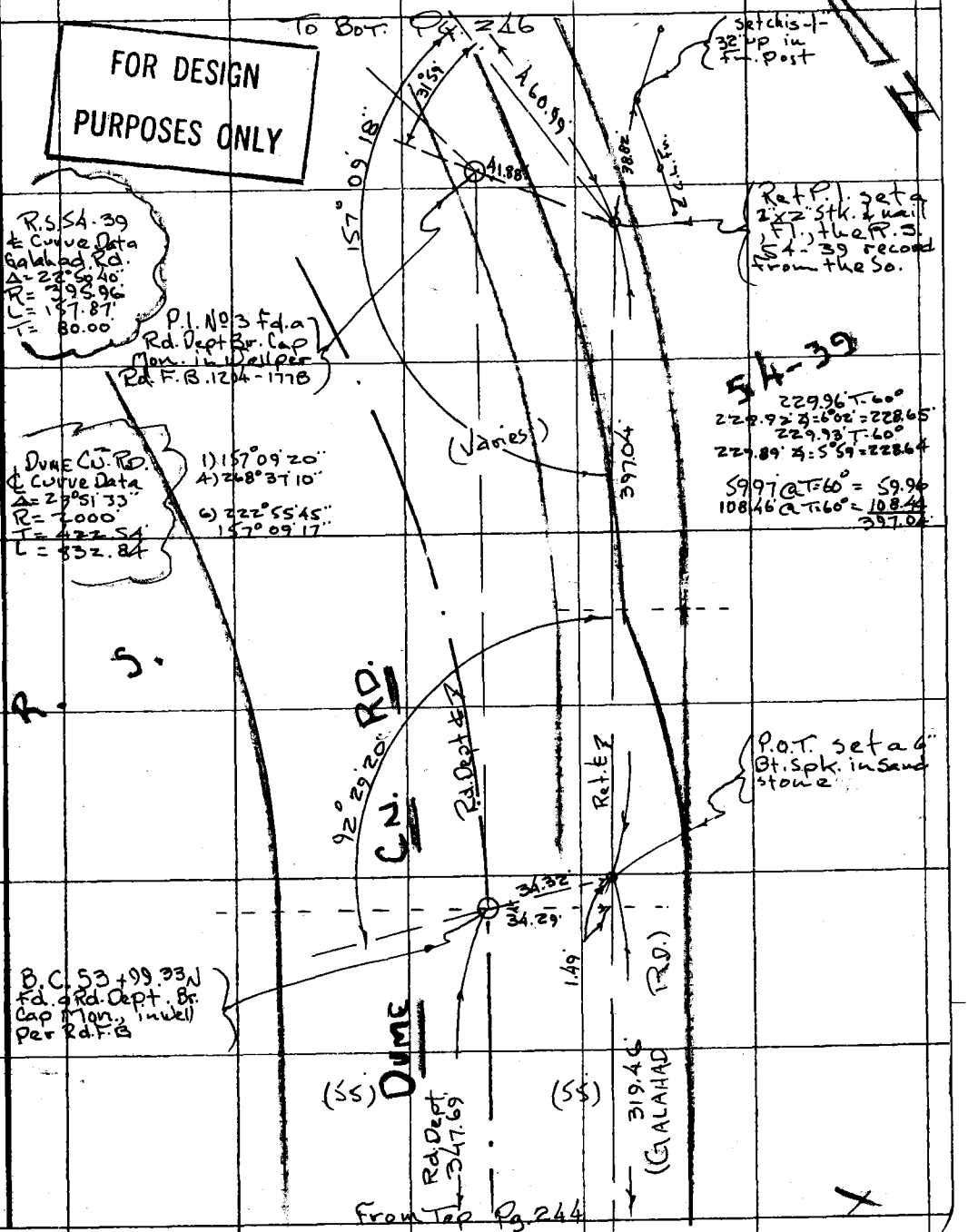
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area
Map No.	JN 2574.14 Tape 109 Std 84 °F
Office Work	Surveyed by Tom Mankey
Checked	Notes Tom M. Date 3-75
Date	Indexed

F. B. 2247 PG. 245

FOR DESIGN PURPOSES ONLY



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76F309S CE#310 3-69

F. B. 2247 Pg. 246

To Bot. Pg. 247

FOR DESIGN PURPOSES ONLY

276.77' T-58°
276.72' ∡ = 1°04' = 276.67'
276.82' T-58°
276.77' ∡ = 1°26' = 276.68
1.46' @ T-58° = 1.46
278.14

Dume Cn. Rd.
℄ Curve Data
Δ = 62°15'32"
R = 952.56'
T = 575.29'
L = 1035.08'

Galahad Rd.
R.S. 54-39
℄ Curve Data
Δ = 8°09'
R = 982.56'
T = 70.00'
L = 139.76'

1) 171° 51' 00"
4) 327° 24' 10"
6) 311° 06' 10"
171° 51' 02"

Set a C.E. Tag in 2" Sq. Conc. Thrust Blk.

Ret. P.I. set a 1"x 2" Stk & nail, flush, the R.S. 54-39 rec. from the South

Fd. a 1½" I.P. Conc. Plug & Rd. Tag, 1" up, Per Rd. F.B. 1204-140

#Set N&T in P.P. 1976642E, 12" up

P.O.S.T. set a 1"x 2" Stk. & nail, Flush

P.C.C. 62+32.17 No. Fd. Rd. Dept. Brass Cap Mon in Well Per Rd. F.B. 1204-264

151.75' T-66°
151.73' ∡ = 1°49' = 151.65'
151.80' T-66°
151.78' ∡ = 2°17' = 151.66'

151.47' T-58°
151.44' ∡ = 2°04' = 151.34'
151.40' T-58°
151.37' ∡ = 1°03' = 151.34'

158.18' T-58°
158.15' ∡ = 2°32' = 158.00'
158.10' T-58°
158.07' ∡ = 1°37' = 158.01'
460.99'

Ret ℄ 278.14

54-39

171° 51' 02"

(50') (10') (20') (20')

46.41

50.97

91° 34' 20"

24.10

18.02

29.78

29.63

2.95

50.98' @ T-58° = 50.97

(20') (20')

84° 18' 50"

460.99

DUME

(GALAHAD

(50') (50')

To Top Pg. 245

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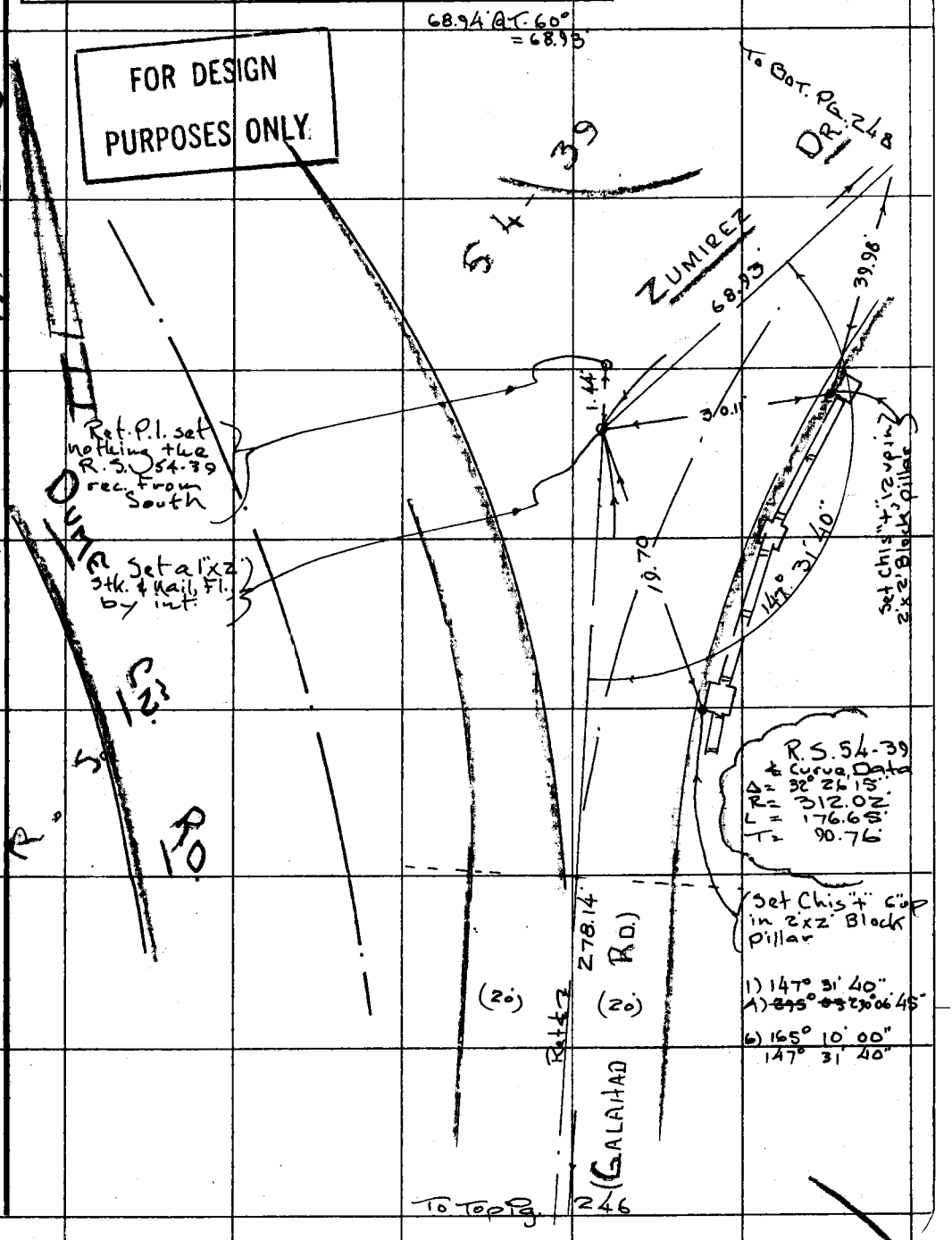
114-087 B-1 W6.92A 4

Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area
Map No.	JN 2574.14 Tape 109 Std 84 °F
Office Work	Surveyed by Tom Mankey
Checked	Notes Tom M. Date 3-75
Date	Indexed

F. B. 2247 PG. 247



114-037 B-1

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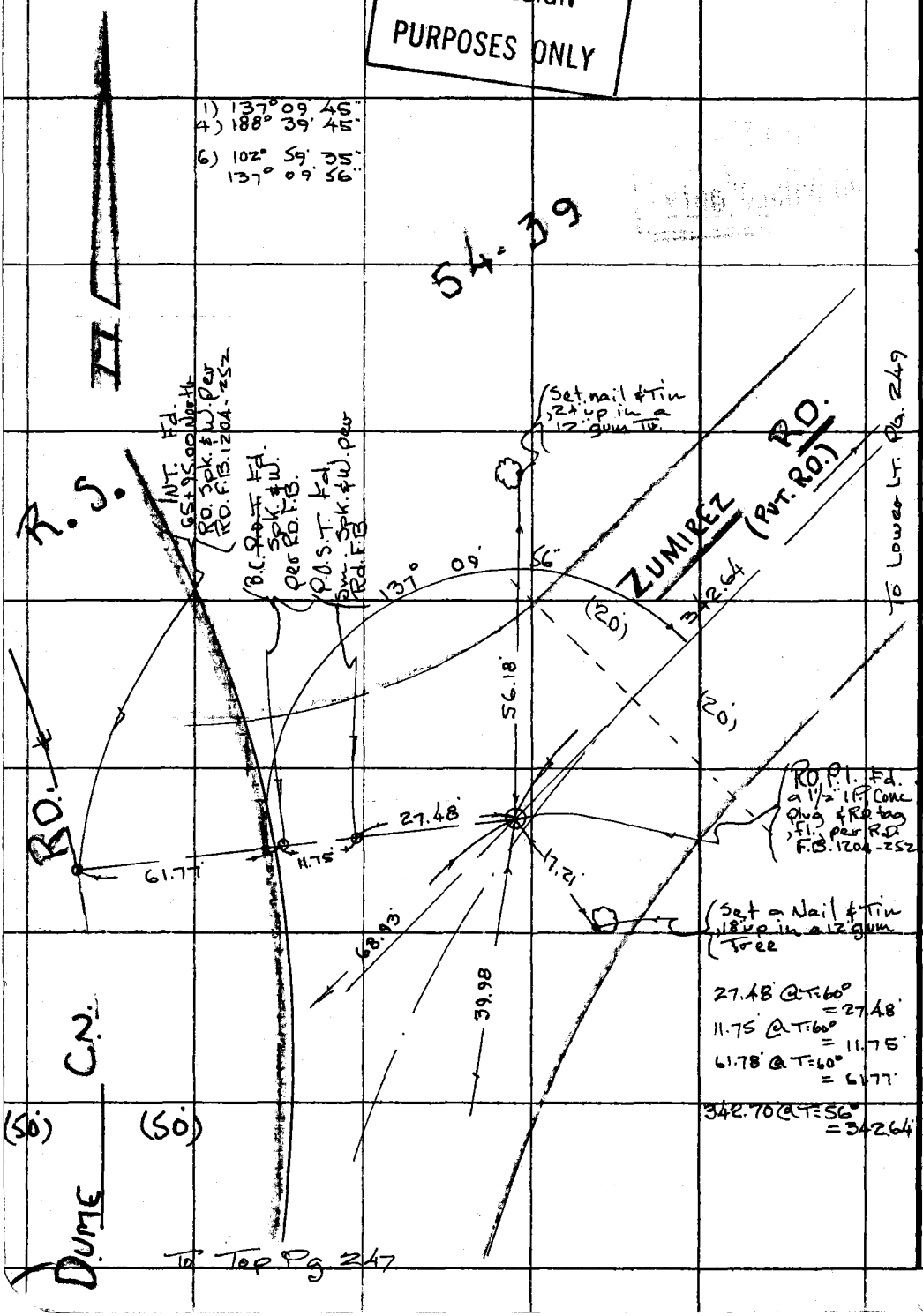
WS 92A-4

76F309S CE#310 3-69

F. B. 2247 PG. 248

FOR DESIGN PURPOSES ONLY



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114-037 B-1

1592A-4

Notes Ck'd by C. TOY	Survey of Zemirez Mesa Area
Map No.	JN 2574.14 Tape 109 Std 84 °F
Office Work	Surveyed by Tom Markey
Checked	Notes Tom M. Date 3-75
Date	Indexed

F. B. 2247 PG. 249

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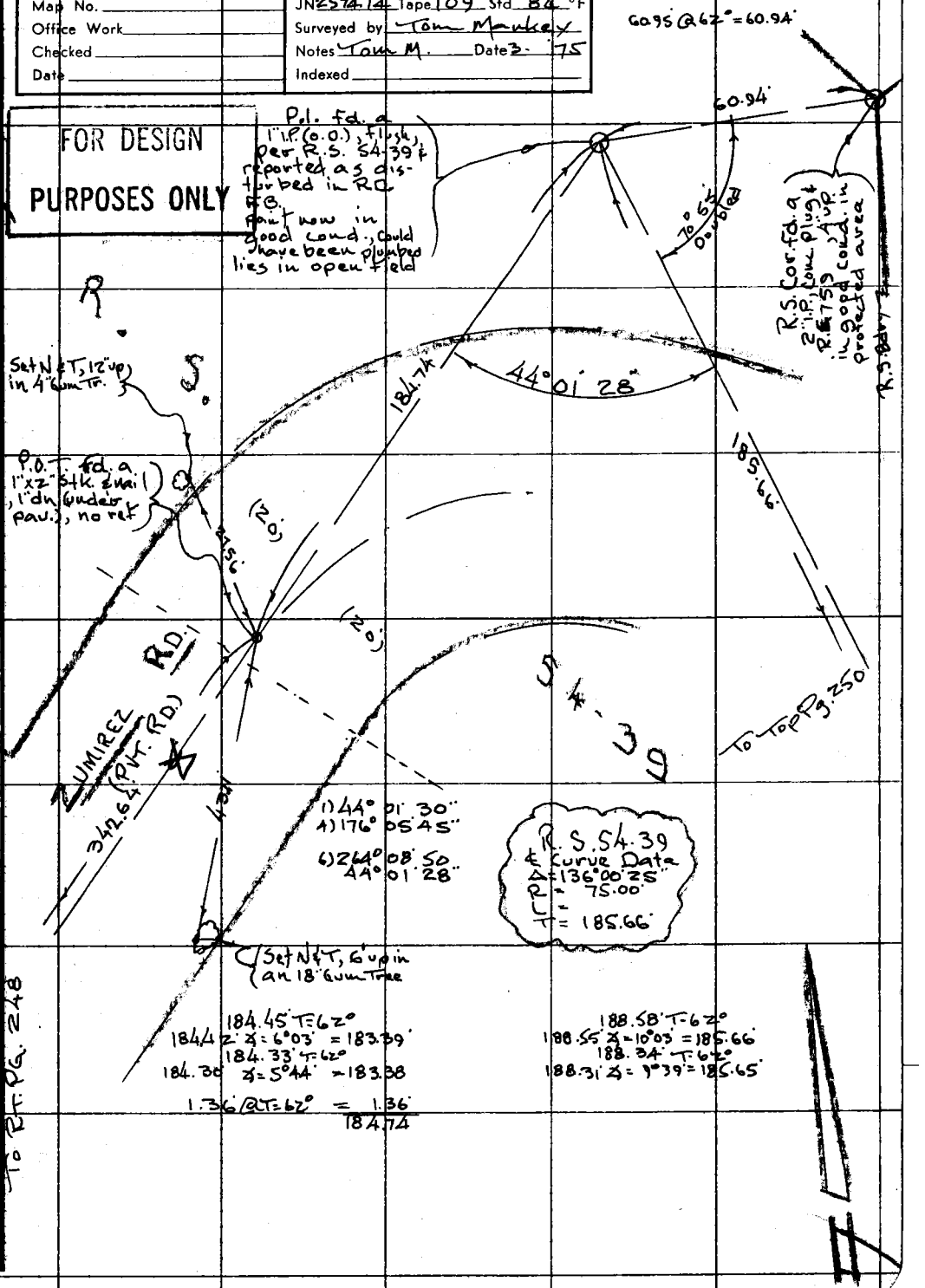

114-037 B-1

W.592 A

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76F309S CE#310 3-69

F. B. 2247 PG. 250

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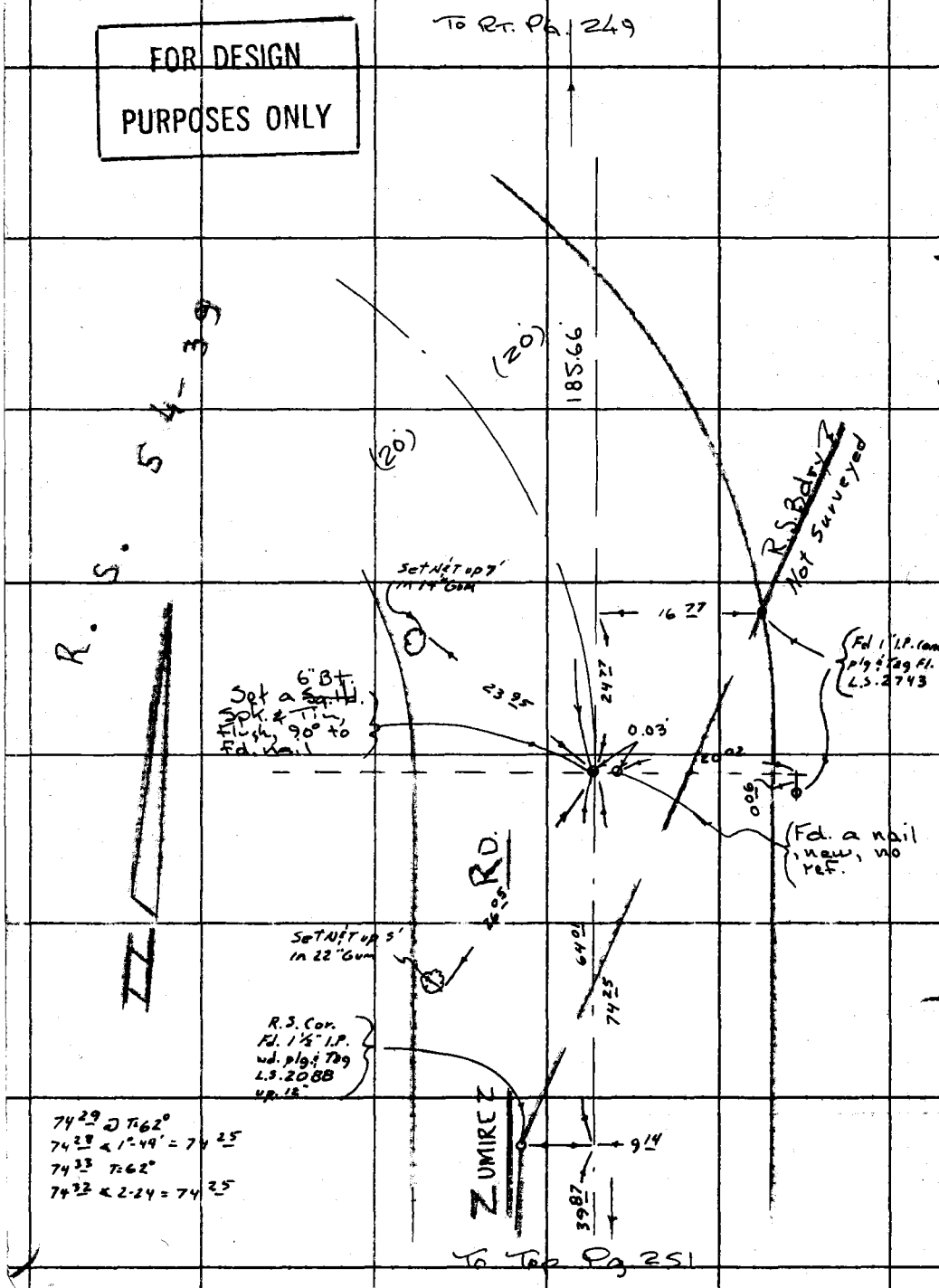

74^{29} @ T=62°
74^{28} ∢ 1°-49' = 74^{25}
74^{33} T=62°
74^{32} ∢ 2-24 = 74^{25}

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114-037, B-16, 92-A-4

92-A-4

Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area
Map No.	JN 2574.14 Tape 109 Std 84 °F
Office Work	Surveyed by Tom M.
Checked	Notes Tom M. Date 3-75
Date	Indexed

F. B. 2247 PG. 251

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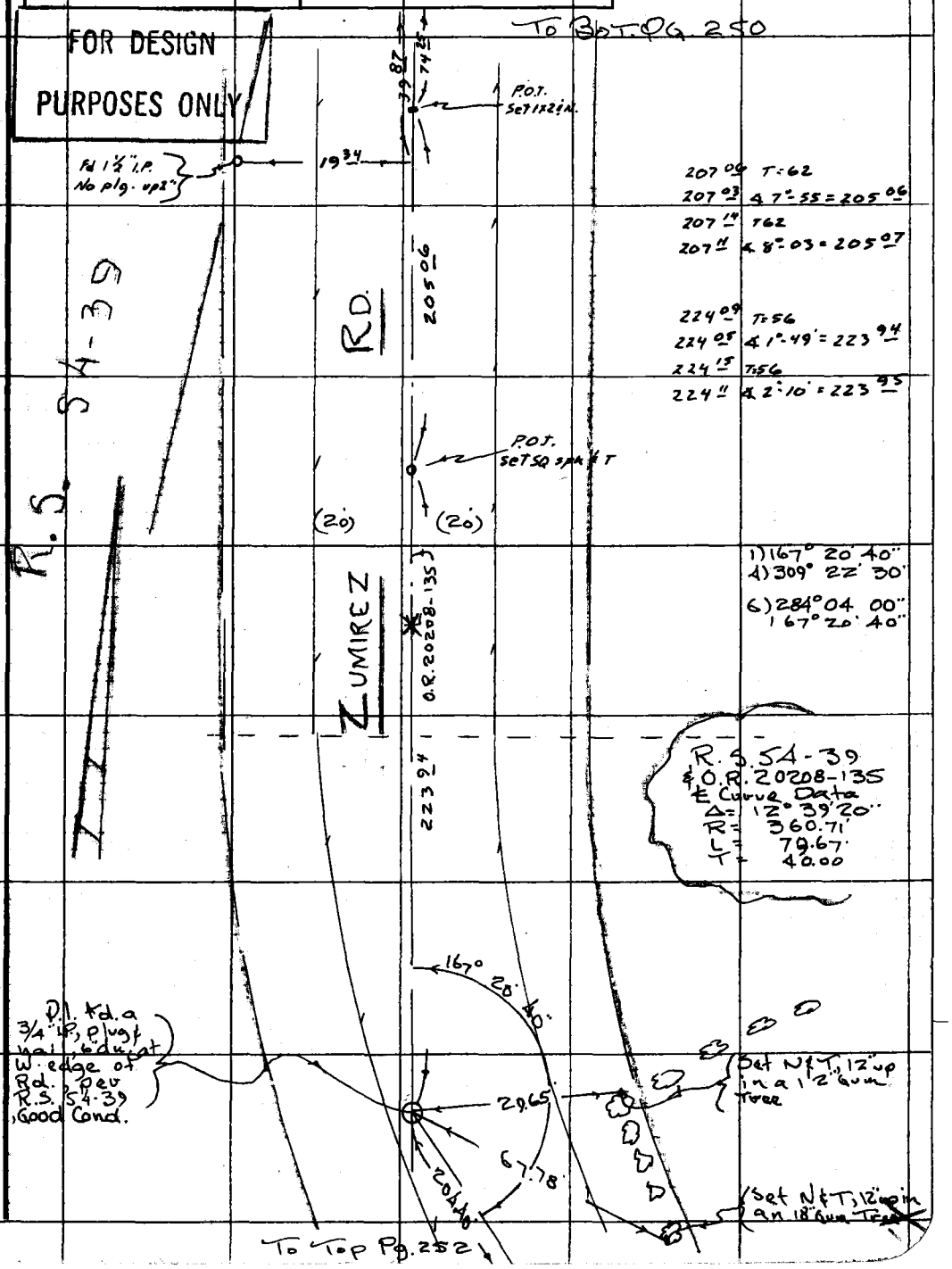

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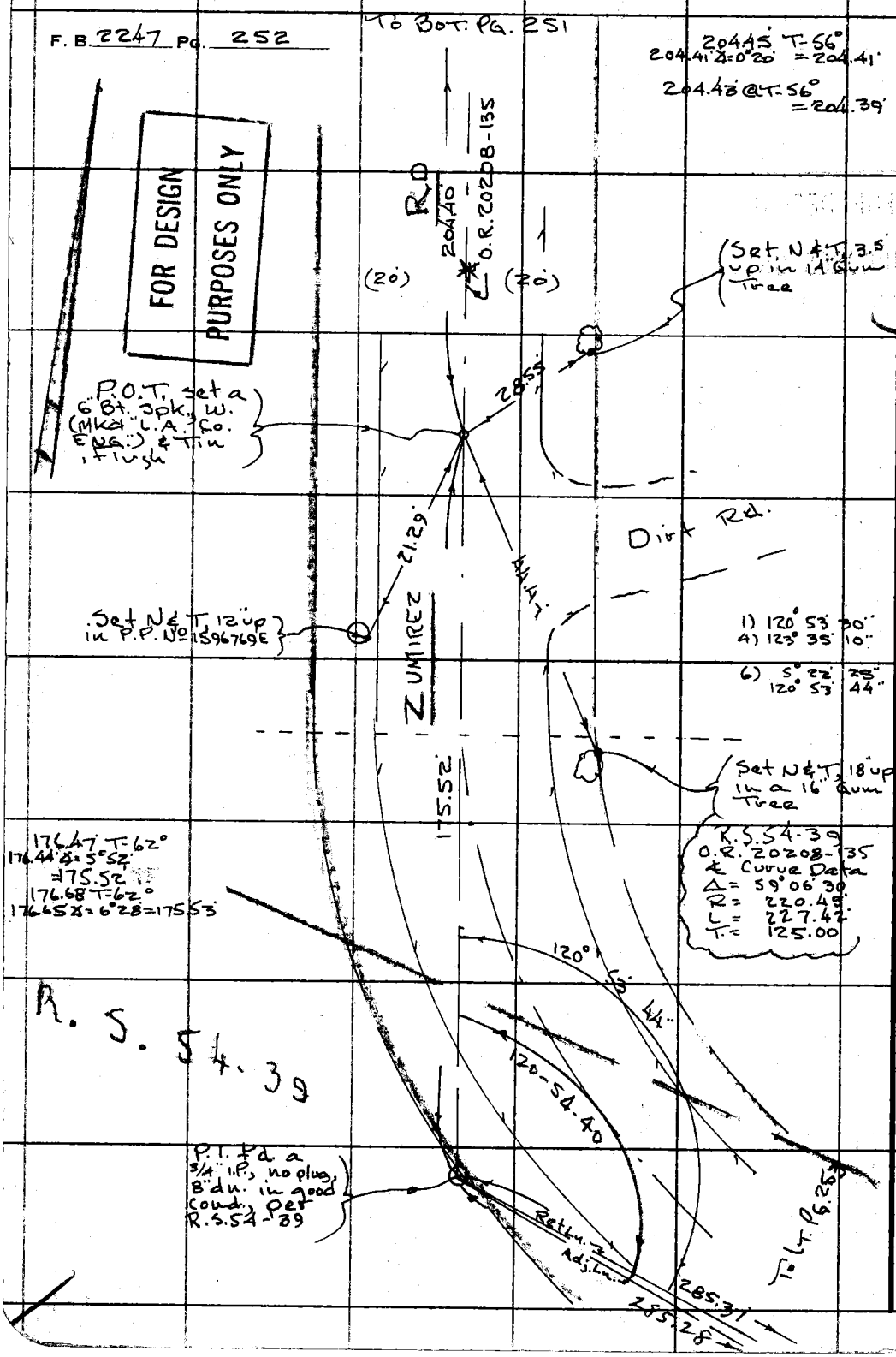
76F309S CE#310 3-69



114-037, B-1

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Notes Ck'd by C. TOY	Survey of Zumirez Mesa Area
Map No.	JN 2574.16 Tape 109 Std 84 °F
Office Work	Surveyed by Tom Mankey
Checked	Notes Tom M. Date 4-75
Date	Indexed

F. B. 2247 PG. 253

FOR DESIGN PURPOSES ONLY.

201.26 @ T=60° = 201.23

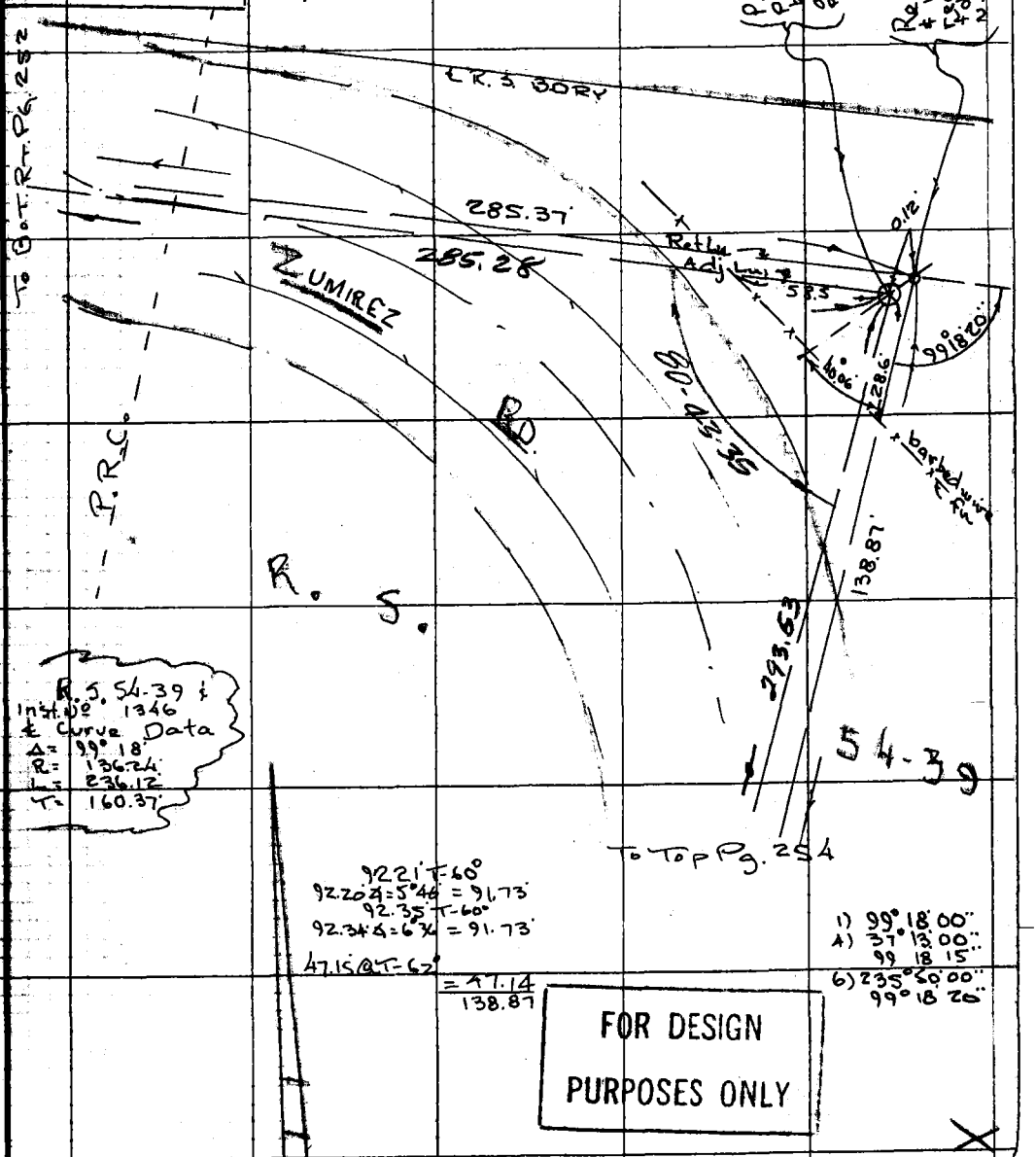
83.69 T-60°
83.68 ∡ = 8°10' = 82.83

1.31 @ T-60° = 1.31
85.00 T-60° 84.14
84.99 ∡ = 8°09' = 84.13

201.23
84.14
285.37

P.I. set a 2" I.P., Conc. plug & C.E. Tag, 4" dia., by a compass rule adj. between adjacent P.I.'s

Ret. P.I. set a 1"x2" stk. & nail, T.I., the R.S. 54-39 rec. from the West. Fd. a 3/4" I.P. laying horiz. N.G.



R.S. 54-39 & Inst. No. 1346
℄ Curve Data
Δ = 99° 18'
R = 136.24
L = 236.12
T = 160.37

92.21 T-60°
92.20 ∡ = 5°46' = 91.73
92.35 T-60°
92.34 ∡ = 6°36' = 91.73

47.15 @ T-62° = 47.14
138.87

1) 99° 18' 00"
4) 37° 13' 00"
99 18 15"
6) 235° 50' 00"
99° 18' 20"

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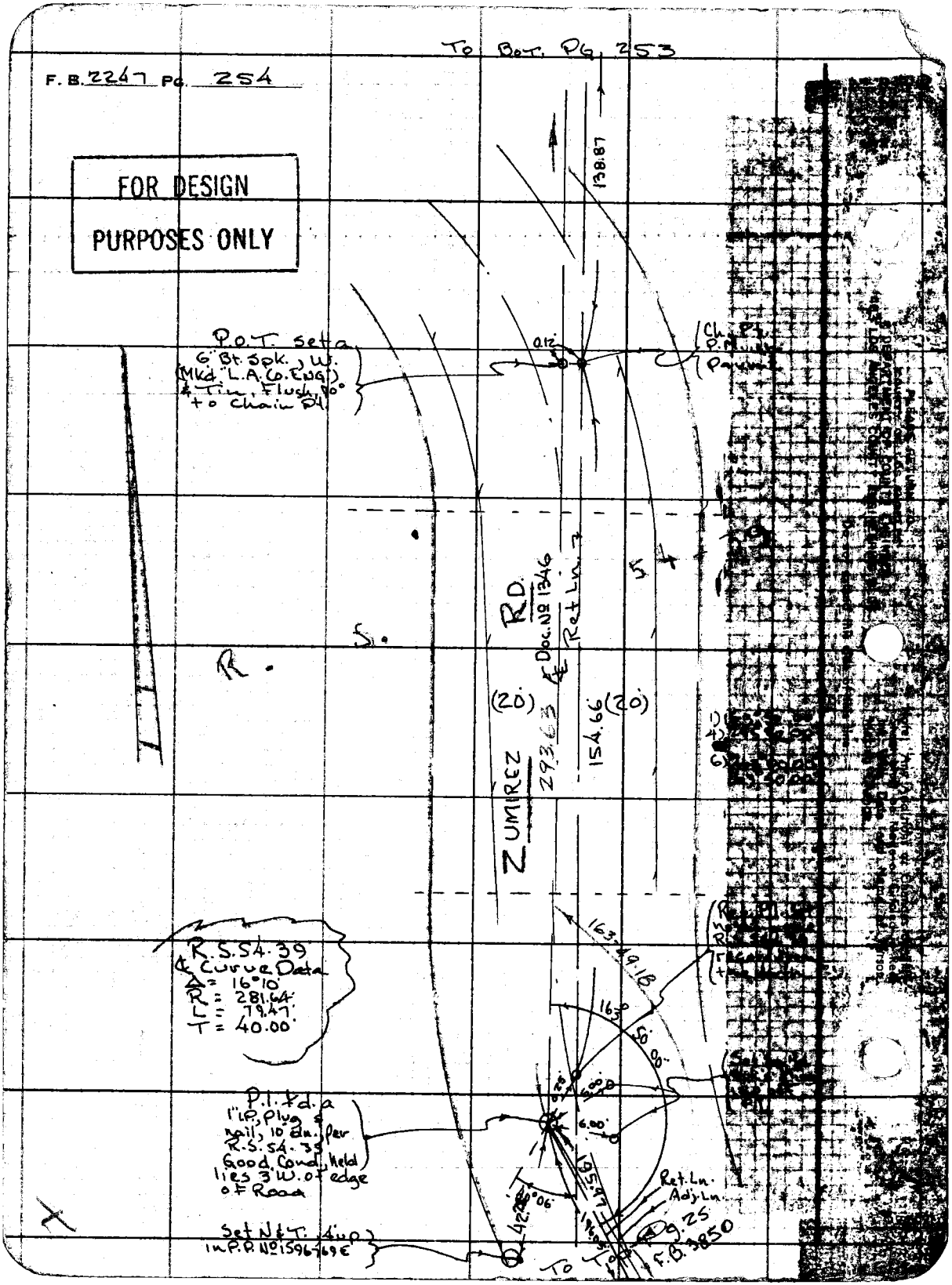
76F309S CE#310 3-69



F. B. 2247 Pg. 254
To Bot. Pg. 253
FOR DESIGN
PURPOSES ONLY
138.87
P.O.T. set a
6" Bt. Spk., W.
(Mkd. "L.A. Co. Eng.")
& Tin, Flush, 90°
to Chain Pt.
0.12
Ch. Pt.
P.M.
Pavm.
RD.
Doc. No 1346
Ret. Ln.
54
S.
R.
(20)
293.63
154.66
(20)
ZUMIREZ
R.S. 54.39
℄ Curve Data
Δ = 16°10'
R = 281.64'
L = 79.47'
T = 40.00'
163.49.18
163°
50.00'
P.I. Fd. a
1" I.P., Plug &
nail, 10 dn. per
R.S. 54.39
Good Cond., held
lies 3' W. of edge
of Road
6.00'
195.97
Ret. Ln.
Adj. Ln.
Pg. 25
F.B. 3850
Set N & T. 4' up
in P.P. No 1596769 E
To