Notes Grid by
Day No.
Office Work
Checked
Date
Indexed

Survey of
JN Tape Std
Surveyed by
Notes Date

F.B. 2810 PG.

Page	Job	Description
		NAME JOB NO.
		REDONDO-CLIFTON COUNTY BEACH 8751.16
9-20	Grid	Grid system layout sketch; profile and stadia topog. on Borrow Pit at NE Cor. of Prospect Ave. & Camino Real.
21-26	Stake	Grade stakes for borrow pit at NE Cor. of Prospect Ave. & Camino Real
27-35	Topog.	Stadia topog. at NE Cor. of Prospect Ave. & Camino Real.
		SOUTH TORRANCE BEACH ACQUISITION 0055.86
37-50	Control	Control work & locations
51-58	Tie	Intersec. of Beach Control line & Tie of Bluff
59-61	Control	Control line for locating the Mean High Tide Line
63-65	Elev.	Loc. of Mean High Tide Line for Beach Land Acquisition.
67-74		Proposed Acquisition Line
75-80		Loc. of New 6 ft. Chain Link Fence from Sta. 411+59.83 to Sta. 425+14.5
81-84		Beach Control Line from Sta. 406+42.51 to Sta. 421+81.98

Microfilmed May 85

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FORM 1 CE 810 9-67

F.B. 2810 PG.

Page	J.N.	Description
100-101	Index	from baseline & walkway northerly along walkway to Vista Dr.
		City of Redondo Beach - 030300
111-124		Esplanade
		C.L. tie & repair monument
		Corner on Esplanade from Vista Del Mar N'ly. & a.c. Dr.

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Notes Ck'd by	Survey of REDONDO-CLIFTON BEACH	F. B. 2810 Pg. 9
Map No.	JN 8751.16 Tape — Std — °F.	
Office Work	Surveyed by RICHARDS	
Checked	Notes W.H.R. Date 2-27-62	
Date	Indexed H. E. OTT ~~MAR 1 '62~~	

J. N. 8751.16

REDONDO-CLIFTON COUNTY BEACH

GRID SYSTEM LAYOUT SKETCH
FOR
BORROW PIT
AT
N.E. COR.
OF
PROSPECT AVE.
&
CANINO REAL

RICHARDS
OCHSNER
TURPIN
CROUDER

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76F3025 CE # 310 3-61

F. B. 2810 PG. 10

P.I.
FD. 3" CAPPED PIPE & P.N.
DN. 24" WITH 2" MARKER POST
PRINTED "P.I." UP 36"
NO REF.
HOLD FOR ℄ SLS.

7+00
6+50
6+00
5+50
5+00
4+50
4+00
3+50
3+00
2+50
2+00
1+50
1+00
0+50

S.T. PAL

B.C.
= 5+12.8
FD. S.W. & T
ON LINE

PROSPECT AVE.

SET N. & T. ON STATIONS

BORROW PIT

CANINO PERL

INT = 1+00
FD. NAIL @ INT.
4-TAN. NAIL TIES.
ON SUR.
SEE FB. 589-183
HOLD FOR ℄ NLS.

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Profile No.	Notes Red	Plotted	Job No. 8751.16	Division No. 11	F.B. 2810	PG. 11
	Date	Date	Survey of REDONDO-CLIFTON BEACH IMP.			
X-Sec. No.	Notes Chkd.	Checked	Survey by RICHARDS	Notes W.A.R.	Date 2-21-62	
	Date	Date	Map No.	Indexed H. E. OTT	Date MAR 1 '62	

J. N. 8751.16

REDONDO-CLIFTON COUNTY BEACH

PROFILE
ON
PROSPECT AVE.

CANDINO REAL N'LY. TO STA. 7+00

1+00 = ℄ INT. OF PROSPECT AVE. & CANDINO REAL

SEE F.B. 2810-10 FOR SKETCH

RICHARDS
OCHSNER
TURRILL
CROWDER

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

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 2810 Pg. 12 | Job No. 8751.16 | Division No. 11 | Notes Red ____ Date ____ Plotted ____ Date ____ Profile No. ____
Survey of REPAVING TILETON CO BEACH | Notes W.E.R. & J.O. | Notes Chkd. ____ Date ____ Checked ____ Date ____ X-Sec. No. ____
Survey by RICHARDS | Indexed H.E.OH | Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	PROSPECT AVE.
B.M. #1				150.83	B.M. #1 EL. = 150.83 FB. 589-183 PROSPECT AVE. & CAMINO REAL, N.E. COR. L.&T. IN CONC. SIG. BASE.
0+50				147.09	
1+00				147.53	
+50				148.23	
2+00				148.15	
+50				147.78	
3+00				147.24	
+50				146.86	
4+00				146.37	
+50				145.90	
5+00				145.68	
+50				145.28	
6+00				144.84	
+50				144.43	
7+00				143.88	
B.M. #1				150.83	B.M. #1 EL. = 150.83 FB. 589-183

Notes Red. _____ Platted _____ Job No. 8751.16 Division No. 11 F.B. 2810 Pg. 13

Date _____ Date _____ Survey of REDONDO-CLIFTON CO. BEACH

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes W.A.R. Date 2-27-62

Date _____ Date _____ Map No. _____ Indexed H. E. OTT Date MAR 1 '62

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766614 CE301 7-57

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	Vertical Angle + −	Elevation of Point	Back Sight +	Difference Elevation + −	Height of Instrument	Vertical Distance + −	REMARKS Station	Left Right
													J. N. 8751.16	
													REDONDO-CLIFTON COUNTY BEACH	
													STADIA TOPOGRAPHY	
													AT	
													N. E. COR. OF PROSPECT AVE. & CRANINO REAL	
													FOR SKETCH SEE F.B. 2810-10	
													FOR PROFILE ON ℄ PROSPECT AVE. → F.B. 2810-12	
									1					
									2					
									3					
									4					
									5					
									6					
									7					
									8					
									9					
									10					
									11					
									12					
									13					
									14					
									15					
									16					
									17					
									18					
									19					
									20					
									21					
								RICHARDS						
								OCHSNER						
								TURRILL						
								CROWDER						

Add'n'l Inform.

76S614 CE301 7-57

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Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ Vertical Angle —	Elevation of Point	+ Back Sight —	+ Difference Elevation —	Height of Instrument	+ Vertical Distance —	REMARKS Station	Left Right
0+50	P.I.			—	0 00		—	147 1	5 6	—	152 7	—	0+50	
		6.24 / 4.95	129	5 6	90 00	129	+ 02 39	153 1	—	+ 0 4	—	+ 6 0	GUT	
		6.60 / 4.58	202	5 6	90 00	201	+ 03 22	158 9	—	+ 6 2	—	+ 11 8	GD	
		6.78 / 4.36	242	5 6	90 00	241	+ 03 15	160 8	—	+ 8 1	—	+ 13 7	B.C.	
		7.06 / 4.15	291	5 6	90 00	288	+ 05 49	176 4	—	+ 23 7	—	+ 29 3	T.C.	
		7.13 / 4.07	306	5 6	90 00	303	+ 05 56	178 6	—	+ 25 9	—	+ 31 5	FN.	
				—			—	—	—	—		—		
1+00				—	0 00		—	147 5	5 5	—	153 0	—	1+00	
		5.72 / 5.27	045	5 5	90 00	045	+ 02 23	149 4	—	+ 3 6	—	+ 1 9	GD.	
		6.02 / 4.96	106	5 5	90 00	106	+ 03 07	153 3	—	+ 0 3	—	+ 5 8	GD.	
		6.35 / 4.61	174	5 5	90 00	173	+ 03 04	156 8	—	+ 3 8	—	+ 9 3	GD.	
		8.76 / 6.24	252	7 5	90 00	251	+ 03 41	161 7	—	+ 8 7	—	+ 16 2	B.C.	
		7.10 / 3.86	324	5 5	90 00	320	+ 06 40	184 9	—	+ 31 9	—	+ 37 4	T.C.	
		7.17 / 3.83	334	5 5	90 00	329	+ 06 43	186 3	—	+ 33 3	—	+ 38 8	FN	
				—			—	—	—	—		—		
1+50				—	0 00		—	148 2	5 6	—	153 8	—	1+50	
		5.71 / 5.49	022	5 6	90 00	022	+ 01 59	149 0	—	+ 4 8	—	+ 0 8	GD	
		6.41 / 4.73	174	5 6	90 00	173	+ 02 47	156 6	—	+ 2 8	—	+ 8 4	BK	
		6.58 / 4.58	200	5 6	90 00	199	+ 03 26	160 2	—	+ 6 4	—	+ 12 0	BK	
		7.03 / 9.16	287	5 6	90 00	286	+ 04 07	168 8	—	+ 15 0	—	+ 20 6	B.C.	
		7.41 / 3.86	355	5 6	90 00	350	+ 07 14	192 5	—	+ 38 7	—	+ 44 3	T.C.	

Add'n'l Inform.

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

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

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

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

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

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

B 2810 PG. 14

765614 CE301 7-57

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Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	Vertical Angle	Elevation of Point	Back Sight	Difference Elevation	Height of Instrument	Vertical Distance	REMARKS Station	Left Right
1+50	P.I.	7.42 / 3.76	366	5.6	90° 00'	3.60	+ 0° 07' 05"	193.0	1 5.6	+ 3.92	153.8	+ 4.48	FN.	
									2					
2+00	P.I.				0° 00'			148.2	3 5.6		153.8		2+00	
		5.74 / 5.46	028	5.6	90° 00'	0.28	+ 0° 01' 40"	149.0	4	− 4.8		+ 0.8	GD	
		6.07 / 5.12	095	5.6	90° 00'	0.95	+ 0° 02' 40"	152.6	5	− 1.2		+ 4.4	GD	
		6.52 / 4.66	186	5.6	90° 00'	1.86	+ 0° 02' 38"	156.7	6	+ 2.9		+ 8.5	BK	
		6.62 / 4.58	204	5.6	90° 00'	2.03	+ 0° 04' 44"	165.0	7	+ 11.2		+ 16.8	BK	
		6.84 / 4.36	248	5.6	90° 00'	2.46	+ 0° 04' 57"	169.5	8	+ 15.7		+ 21.3	BK	
		7.12 / 4.08	304	5.6	90° 00'	3.02	+ 0° 04' 29"	171.9	9	+ 18.1		+ 23.7	B.C.	
		7.52 / 3.68	384	5.6	90° 00'	3.78	+ 0° 07' 32"	198.1	10	+ 44.3		+ 49.9	T.C.	
		7.54 / 3.62	392	5.6	90° 00'	3.85	+ 0° 07' 27"	198.6	11	+ 44.8		+ 50.4	FN.	
									12					
2+50	P.I.				0° 00'			147.8	13 5.6		153.4		2+50	
		5.74 / 5.45	029	5.6	90° 00'	0.29	+ 0° 01' 46"	148.7	14	− 4.7		+ 0.9	GD	
		6.08 / 5.12	096	5.6	90° 00'	0.96	+ 0° 02' 21"	151.7	15	− 1.7		+ 3.9	GD	
		6.31 / 4.89	142	5.6	90° 00'	1.42	+ 0° 02' 59"	155.2	16	+ 1.8		+ 7.4	BK	
		6.50 / 4.68	182	5.6	90° 00'	1.82	+ 0° 02' 26"	155.6	17	+ 2.2		+ 7.8	BK.	
		6.64 / 4.58	206	5.6	90° 00'	2.06	+ 0° 06' 25"	170.6	18	+ 17.2		+ 22.8	BK.	
		10.97 / 8.23	274	9.6	90° 00'	2.74	+ 0° 05' 27"	179.7	19	+ 20.3		+ 25.9	GD	
		11.25 / 7.98	327	9.6	90° 00'	3.24	+ 0° 05' 16"	178.7	20	+ 20.3		+ 29.9	BK.	
		7.68 / 3.55	413	5.6	90° 00'	4.06	+ 0° 07' 36"	202.0	21	+ 48.6		+ 54.8	T.C.	

Add'n'l Inform.

Notes Rod. ____ Plotted ____ Job No. 875.16 Division No. 11 F.B. 2810 Pg. 15
Date ____ Date ____ Survey of REDONDO-CLIFTON CO. B.E.P.
Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes W.A.R. Date 2-27-63
Date ____ Date ____ Map No. ____

76S614 CE301 7-57

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

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

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

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

Inter. of Drawn. V.D's Break in Slope ..... Bk.S. Sheep Slope ..... S.S. Top of Cliff ..... T.Cl. Bottom of Cliff ..... B.Cl. Top of Spur ..... T.Sp. Bottom Canyon ..... B.Cn.

Topography Description Legend: Bottom Drawn S.D. Bottom Drawn S.W. Top of Ridge T.R. Toe of Slope T.S.

Side of Drawn S.D. Side of Ridge S.R. Head of Draw H.D.

F.B. 2810 Pg. 16

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod	Horizontal Angle 0° to 360° Right	Horiz. Distance	± Vertical Angle	Elevation of Point	± Back Sight	± Difference Elevation	Height of Instrument	± Vertical Distance	REMARKS Station	Left	Right
2+50	P.I.	7.68													
		3.45	423	5.6	90° 00'	416	± 07° 31'	202.6	1 5.6	− 49.2	153.4	± 54.8	FN		
									2						
3+00	P.I.				0° 00'			147.2	3 5.6		152.8		3+00		
		5.73							4						
		5.97	026	5.6	90° 00'	026	± 02° 47'	148.5		− 4.3		± 1.3	GD		
		6.09							5						
		5.12	097	5.6	90° 00'	097	± 02° 32'	151.5		− 1.3		± 4.3	GD		
		6.45							6						
		4.75	170	5.6	90° 00'	169	± 03° 09'	156.5		± 3.7		± 9.3	BK		
		6.54							7						
		4.65	189	5.6	90° 00'	187	± 05° 34'	165.4		± 12.6		± 18.2	BK.		
		6.56							8						
		4.63	193	5.6	90° 00'	192	± 04° 52'	163.5		± 10.7		± 16.3	BK.		
		11.00							9						
		8.18	282	9.6	90° 00'	280	± 04° 21'	164.5		± 11.7		± 21.3	GD		
		10.35							10						
		6.85	350	8.6	90° 00'	348	± 04° 27'	171.3		± 18.5		± 27.1	BK.		
		7.34							11						
		3.80	354	5.6	90° 00'	352	± 04° 46'	176.5		± 23.7		± 29.3	BK.		
		7.80							12						
		3.41	439	5.6	90° 00'	432	± 07° 19'	202.7		± 49.9		± 55.5	T.C.		
		7.85							13						
		3.37	448	5.6	90° 00'	441	± 07° 10'	202.7		± 49.9		± 55.5	FN.		
									14						
									15						
3+50	P.I.				0° 00'			146.9	5.5		152.4		3+50		
		5.65							16						
		5.34	031	5.5	90° 00'	031	± 02° 33'	148.3		− 4.1		± 1.4	GD		
		5.91							17						
		5.07	084	5.5	90° 00'	084	± 02° 35'	150.7		− 1.7		± 3.8	GD		
		6.13							18						
		4.83	130	5.5	90° 00'	130	± 02° 48'	153.2		± 8		± 6.3	BK		
		6.44							19						
		9.54	190	5.5	90° 00'	189	± 04° 20'	161.3		± 8.9		± 14.4	BK		
		7.78							20						
		5.17	261	6.5	90° 00'	260	± 03° 44'	162.8		± 10.4		± 16.9	GD		
		10.17							21						
		6.80	337	8.5	90° 00'	335	± 03° 38'	165.2		± 12.8		± 21.8	GD		

Add'n'l Inform.

768614 CE301 7-57

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17.3

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	± Vertical Angle	Elevation of Point	+ Back Sight	± Difference Elevation	Height of Instrument	± Vertical Distance	REMARKS Station	Left	Right
3+50	P.I.	7.23 / 3.75	348	5 5	90 00	346	+ 04 02	1713	1 5 5	+ 189	1524	+ 244	BK		
		7.80 / 3.20	460	5 5	90 00	454	+ 06 49	2011	2	+ 487		+ 542	T.C.		
		7.95 / 3.08	487	5 5	90 00	480	+ 06 30	2017	3	+ 493		+ 548	GD		
									4						
									5						
4+00	P.I.				0 00			1464	5 6		1520		4+00		
		5.74 / 5.45	029	5 6	90 00	029	+ 02 17	1476	6	44		+ 12	GD		
		6.07 / 5.12	095	5 6	90 00	095	+ 02 21	1503	7	17		+ 39	GD		
		6.30 / 4.88	142	5 6	90 00	142	+ 02 33	1507	8	+ 7		+ 63	BK		
		6.44 / 4.76	168	5 6	90 00	166	+ 05 32	1625	9	+ 105		+ 161	BK		
		7.80 / 5.40	240	6 6	90 00	239	+ 04 08	1627	10	+ 107		+ 173	GD		
		7.15 / 4.09	306	5 6	90 00	304	+ 04 39	1711	11	191		+ 247	BK		
		7.80 / 3.43	437	5 6	90 00	437	+ 06 32	1958	12	438		+ 494	T.C.		
		7.90 / 3.28	462	5 6	90 00	456	+ 06 19	1969	13	449		+ 505	GD		
									14						
									15						
4+50	P.I.				0 00			1459	5 7		1516		4+50		
		5.83 / 5.55	028	5 7	90 00	028	+ 01 12	1465	16	51		+ 06	GD		
		6.18 / 5.22	096	5 7	90 00	096	+ 03 13	1513	17	3		+ 54	BK		
		6.40 / 4.99	141	5 7	90 00	141	+ 02 27	1519	18	3		+ 60	BK		
		6.60 / 4.80	180	5 7	90 00	178	+ 05 04	1617	19	+ 101		+ 158	BK		
		6.70 / 4.68	202	5 7	90 00	200	+ 05 19	1645	20	+ 129		+ 186	BK		
		7.21 / 4.26	295	5 7	90 00	293	+ 04 35	1694	21	+ 178		+ 235	BK		

Add'n'l Inform.

Notes Red. Plotted Job No. 875.116 Division No. 11 F.B. 2810 Pg. 17
Date Date Survey of REDONDO ELEVATION BENCH
Notes Chkd. Checked Survey by RICHARDS Notes WATER Date 2-24-61

765614 CE301 7-57

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Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod→	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ − Vertical Angle	Elevation of Point	+ Back Sight	+ − Difference Elevation	Height of Instrument	+ − Vertical Distance	REMARKS Station	Left Right
4+50	P.I.	7.80												
		3.60	420	57	90 00	418	± 05 57	191.2	1 57	+ 376	151.6	± 43.3	T.C.	
		7.90							2					
		3.45	445	57	90 00	441	± 05 42	189.9	3	− 38.3		± 44.0	GD	
									4					
5+00					0 00			145.7	5 6		151.3		5+00	
		5.73							5					
		5.46	027	56	90 00	027	± 0 58	146.2		− 5.1		± 0.5	GD.	
		6.05							6					
		5.15	090	56	90 00	090	± 01 36	148.2		− 2.1		± 2.5	BK.	
		6.17							7					
		5.03	114	56	90 00	114	± 02 42	151.1		− 2		± 5.4	BK	
		6.40							8					
		4.80	160	56	90 00	160	± 02 12	151.8		+ 5		± 6.1	BK	
		6.55							9					
		4.64	191	56	90 00	189	± 05 05	162.6		+ 11.3		± 16.9	BK	
		6.92							10					
		4.25	267	56	90 00	265	± 04 27	166.4		+ 15.1		± 20.7	GD.	
		7.23							11					
		3.94	329	56	90 00	328	± 04 03	168.9		+ 17.6		± 23.2	BK	
		7.64							12					
		3.60	404	56	90 00	400	± 05 14	182.4		+ 31.1		± 36.7	T.C.	
		7.77							13					
		3.41	436	56	90 00	432	± 04 58	183.3		+ 32.0		± 37.6	GD	
									14					
									15					
5+50	P.I.				0 00			145.3	57		151.0		5+50	
		5.83							16					
		5.57	026	57	90 00	026	± 0 42	145.6		− 5.4		± 0.3	GD	
		6.30							17					
		5.13	117	57	90 00	117	± 0 52	147.1		− 3.9		± 1.8	BK	
		6.40							18					
		4.96	144	57	90 00	144	± 02 30	151.6		+ 6		± 6.3	BK	
		6.70							19					
		4.69	201	57	90 00	200	± 02 22	153.6		+ 2.6		± 8.3	BK	
		6.84							20					
		4.53	231	57	90 00	230	± 04 25	163.0		+ 12.0		± 17.7	BK	
		7.24							21					
		4.05	319	57	90 00	317	± 04 58	172.8		+ 21.8		± 27.5	BK.	

Add'n'l Inform.

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

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

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

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

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

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

F.B. 7810 PG. 18

765614 CE301 7-57

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

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

Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	Vertical Angle	Elevation of Point	Back Sight	Difference Elevation	Height of Instrument	Vertical Distance	REMARKS Station	Left	Right
5+50	P.T.	7.68			° '		° '								
		3.77	391	5 7	90 00	3.88	+ 04 30	175.9	1 5 7	+ 2.49	151.0	+ 30.6	T.C.		
		7.75							2	+		+			
		3.65	410	5 7	90 00	4.08	+ 04 12	175.2	3	− 2.42		− 29.9	G.D.		
					° '		° '		4						
6+00	P.I.				0 00			144.8	5 7		150.5		6+00		
		5.81							5						
		3.58	023	5 7	90 00	0.23	+ 01 19	145.3	6	− 5.2		+ 0.5	G.D.		
		6.10													
		5.29	081	5 7	90 00	0.81	+ 0 30	145.5	7	− 5.0		+ 0.7	G.D.		
		6.40													
		5.05	135	5 7	90 00	1.35	+ 0 49	146.7	8	− 3.8		+ 1.9	B.K.		
		6.60													
		4.76	184	5 7	90 00	1.84	+ 02 56	154.2	9	+ 3.7		+ 9.4	B.K.		
		6.90													
		4.53	237	5 7	90 00	2.36	+ 02 48	156.4	10	+ 5.9		+ 11.6	B.K.		
		7.10													
		4.32	278	5 7	90 00	2.77	+ 03 34	162.1	11	+ 11.6		+ 17.3	T.C.		
		7.58													
		3.80	378	5 7	90 00	3.78	+ 03 31	167.9	12	+ 17.4		+ 23.1	G.D.		
					° '		° '		13						
6+50	P.I.				0 00			149.4	5 7		150.1		6+50		
		5.82							14						
		5.62	020	5 7	90 00	0.20	+ 01 15	144.8	15	− 5.3		+ 0.4	G.D.		
		6.05													
		5.33	072	5 7	90 00	0.72	+ 01 06	145.8	16	− 4.3		+ 1.4	G.D.		
		6.31													
		5.06	125	5 7	90 00	1.25	+ 0 33	145.6	17	− 4.5		+ 1.2	B.K.		
		6.75													
		4.62	213	5 7	90 00	2.12	+ 03 51	158.7	18	+ 8.6		+ 14.3	B.K.		
		7.00													
		4.30	270	5 7	90 00	2.69	+ 03 13	159.5	19	+ 9.4		+ 15.1	G.D.		
					° '		° '		20						
7+00	P.I.				0 00			143.9	5 6		149.5		7+00		
		5.68							21						
		5.52	016	5 6	90 00	0.16	+ 01 32	144.3		− 5.2		+ 0.4	G.D.		

Add'n'l Inform.

Notes Rod. ____ Plotted ____ Job No. 875116 Division No. 2 F.B. 2810 Pg. 19
Date ____ Date ____ Survey of REDONDO-CLIFTON CO. BEACH
Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes W.P.R. Date 2-27-62
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76S614 CE301 7-57

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

Transit at	Sight on	Stadia Intercepts	Stadia Distance	Stadia Rod—	Horizontal Angle 0° to 360° Right	Horiz. Distance	+ — Vertical Angle	Elevation of Point	+ — Back Sight	+ — Difference Elevation	Height of Instrument	+ — Vertical Distance	REMARKS Station	Left	Right
7+00	P.I.	585 / 533	052	56	90° 00'	052	+ 02° 46'	1464	1 56	− 31	1495	+ 25	BK.		
		633 / 488	145	56	90° 00'	143	+ 06° 00'	1590	2	+ 95		+ 151	T.C.		
		656 / 462	194	56	90° 00'	193	+ 04° 28'	1590	3	+ 95		− 151	G.D.		
					° '		° '		4						
					° '		° '		5						
					° '		° '		6						
					° '		° '		7						
					° '		° '		8						
					° '		° '		9						
					° '		° '		10						
					° '		° '		11						
					° '		° '		12						
					° '		° '		13						
					° '		° '		14						
					° '		° '		15						
					° '		° '		16						
					° '		° '		17						
					° '		° '		18						
					° '		° '		19						
					° '		° '		20						
					° '		° '		21						

Add'n'l Inform.

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

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

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

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

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

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

F.B. 2810 PG. 20

Profile No.	Notes Red	Plotted	Job No. 8751.16	Division No. 11	F.B. 2810	Pg. 21
	Date	Date	Survey of REDONDO CLIFTON BEACH			
X-Sec. No.	Notes Chkd.	Checked	Survey by	Notes H. E. OTT	Date	
	Date	Date	Map No.	Indexed	Date MAR 30 '62	

J. N. 8751.16

REDONDO-CLIFTON COUNTY BEACH

GRADE STAKES
FOR
BORROW PIT
AT
N. E. COR.
OF
PROSPECT AVE.
&
CANDINO REAL

SEE FB. 2810-10 FOR GRID LAYOUT SKETCH

RICHARDS
OCHSNER
TURRILL
CROWDER

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

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

Do not extend notes this side of this line.

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

76-1298 CE 307 3-61

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

F.B. 2810 Pg. 22 | Job No. 8751.16 | Division No. 11 | Notes Red ____ Date ____ | Notes Chkd. ____ Date ____ | Plotted ____ Date ____ | Checked ____ Date ____ | Profile No. ____ | X-Sec. No. ____

Survey of PEDRONDO - CLIFTON BEACH
Survey by KUMPERS Notes W.H.R. & J.O.
Indexed H.E. OTT Date ____

STATION	B.S.	H.I.	F.S.	ELEV.			
B.M.#1				150.83	B.M.#1 ELEV.=150.83 PROSPECT AVE. & CAMINO REAL, N.E.COR. L.S.T. IN CONC. SIG. BASE.		FB. 589-183 FB 2810 - 12
					GRADE	C/F.	
0+25				162.0	158.0	C-4.0	242' RT. B.C.
					171.0		275' " T.C.
1+00				153.1	152.0	C-1.1	100' RT. G.D.
				157.5	153.0	C-4.5	200' " "
T.P.				160.56	—	—	
				161.7	154.0	C-7.7	256' " B.C.
				184.9	185.0	GRADE	321' " T.C.

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.			
					GRADE	C/F.	
2+00				150.2	149.3	C-0.9	50' RT. G.D.
				152.9	149.6	C-3.3	100' " "
				155.8	150.1	C-5.7	186' " "
				162.2	151.0	C-11.2	279' " B.C.
				198.1	198.0	GRADE	377' " T.C.
3+00				149.7	147.9	C-1.8	50' RT. G.D.
				151.6	148.0	C-3.6	100' " "
				160.3	148.3	C-12.0	200' " "
				162.6	149.0	C-13.6	314' " B.C.
				202.7	202.0	~~C.O.T.~~ GRADE	431' " T.C.

Profile Notes Red _____ Plotted _____ Job No. 8-5116 Division No. 11 F.B. 2810 Pg. 23
No. X-Sec. Date _____ Date _____ Survey of REDONDO-CLIFTON BERCH
Notes Chkd _____ Checked _____ Survey by [illegible] Noted [illegible] Date 7-16-62
No. _____ Date _____ Date _____ Map No. _____ Indexed H. E. OTT Date _____

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.			
					GRADE	C/F	
4+00				149.4	146.8	C-2.6	50' RT. GD.
				149.0	146.9	C-2.1	100' " "
				156.3	147.2	C-9.1	200' " "
				165.6	147.5	C-18.1	300' " "
				165.6	148.0	C-17.6	359' " B.C.
T.P.				167.68			
				195.0	195.0	GRADE	464' " T.C.
4+84				180.1	147.0	33.1	397' " B.C.
5+00				147.1	146.0	C-1.1	50' RT. GD.
				148.0	146.1	C-1.9	100' " "
				150.5	146.3	C-4.2	300' " "
				153.5	146.5	C-7.0	300' " "

F.B. 2810 PG. 24 | Job No. 875416 | Division No. 11 | Notes Red ____ Date ____ | Plotted ____ Date ____ | Profile No. ____

Survey of REDONDO-CLIFTON BEACH | Notes WHR & T.O. | Notes Chkd. ____ Date ____ | Checked ____ Date ____ | X-Sec. No. ____

Survey by PEYRARD | Indexed H. E. OTT | Date ____

76-1,298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.						
					GRADE	CUT				
5+00				173.4	147.0	C-26.4		364'	RT.	B.C.
5+09				179.6	175.0	C-4.6		472'	"	T.S.
5+50		NOT SET		—	146.0			50'	RT.	GD.
		" "		—	146.0			100'	"	"
		" "		—	146.0			200'	"	"
				155.2	146.0	C-9.2		256'	"	B.C.
	0			175.8	175.0	C-0.8		386'	"	T.C.
6+00				145.8	146.0	F-0.2		50'	"	GD.
				145.5	146.0	F 0.5		100'	"	"
				149.0	146.0	C 3.0		152'	"	B.C.

Profile No. ____ Date ____
Notes Rcd. ____ Date ____
Notes Chkd. ____ Date ____
Plotted ____ Date ____
Checked ____ Date ____
Job No. 875116 Division No. 11
Survey of PROJECT ESTIMATE
Survey by R. HAWKINS Notes by R.H. Date 3-7-6
Map No. ____ Indexed H. F. OTT Date ____

F.B. 2810 Pg. 25

Job No. 8751.16 Division No. 11 | F.B. 2810 Pg. 27

Survey of REDONDO-CLIFTON CO. BEACH

Survey by RICHARDS Notes W.P.R. Date 3-27-62

Map No. Indexed H. E. OTT Date MAR 30 '62

J.N. 8751.16

D-CLIFTON COUNTY BEACH

STADIA TOPOGRAPHY

AT

OF PROSPECT AVE. & CANDINO REAL

TROL SKETCH SEE FB. 2810-10

LE ON & PROSPECT AVE: FB. 2810-12

6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

RICHARDS
OLTSNER
TURRILL
CROWDER

Add'n'l Interm.

		6.70															
		4.30	240	55	90 00	240	± 02 32	157 7			±	51		±	106	B. C.
		7.08							6		±			±		
		4.15	293	55	90 00	290	± 05 51	176 8			±	24 2		±	297	T. C.
		7.03							7		±			±		
		3.97	306	55	90 00	303	± 05 58	178 7			±	26 1		±	316	F N
									8							
									9							
1+00	P.I.				0 00			147 5	10	56			153 1			1+00
		583														
		537	46	56	90 00	46	± 02 15	149 3			−	38		±	18	6 D
		6.04							11		−			±		
		516	88	56	90 00	88	± 02 20	151 1			−	20		±	36	"
		625							12		−			±		
		495	130	56	90 00	130	± 02 23	152 9			−	02		±	54	"
		635							13							
		9.80	155	56	90 00	155	± 03 14	156 2			±	31		±	87	"
		653							14		±			±		
		4.65	188	56	90 00	188	± 02 53	156 9			±	38		±	94	"
		667							15		±			±		
		450	217	56	90 00	217	± 02 00	155 1			±	20		±	76	"
		677							16		±			±		
		430	247	56	90 00	247	± 01 58	156 0			±	29		±	85	B. C.
		724							17		±			±		
		400	324	56	90 00	320	± 06 40	184 9			±	31 8		±	374	T. C.
		727							18		±			±		
		390	337	56	90 00	332	± 06 42	186 5			±	33 4		±	390	F N.
									19							
									20							
1+50	P.I.				0 00			148 2		57			153 9			1+50
		583							21							
		555	28	57	90 00	28	± 03 05	149 7			−	42		±	15	

Add'n'l Inform.

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

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

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

Saddle ..... Swale ..... Flat ..... Stream ..... Trail ..... Pavement ..... Edge of Road

F.B. 2810 PG 28

Job No. 87511 6 Division No. 11 F.B. 2810 PG. 29

Survey of REDONDO-CLIFTON CO. BERM

Survey by RICHARDS Notes M.A.R. Date 3-27-62

Station No. Indexed H.F. OTT Date

		460																
		6.97																
		4.50	247	57	90 00	247	± 01 56	1565	6	−	32	−	±	90				
		702																
		430	272	57	90 00	272	± 02 32	1602	7	+	26	−	±	83				"
		755																
		400	355	57	90 00	352	± 07 15	1928	8	+	63	−	±	120				B.C.
		755																
		390	365	57	90 00	362	± 07 06	1932	9	+	38	−	±	448				T.C.
									10	+	39	−	±	458				FN
									11									
2+00	P.I.							1482	12	58		1540						2+00
		594																
		570	24	58	90 00	24	± 01 23	1488	13	−	52		±	06				GD
		6.05																
		5.60	45	58	90 00	45	± 02 26	1501	14	−	39		±	19				"
		6.19																
		5.40	79	58	90 00	79	± 0 55	1495	15	−	45		±	13				"
		636																
		5.20	116	58	90 00	116	± 01 28	1512	16	−	28		±	30				"
		645																
		510	135	58	90 00	135	± 02 27	1540	17	−	00		±	58				"
		674																
		490	184	58	90 00	184	± 02 32	1563	18	+	23		±	81				"
		692																
		470	222	58	90 00	222	± 02 58	1597	19	+	57		±	115				"
		709																
		460	249	58	90 00	248	± 04 02	1657	20	+	117		±	175				"
		715																
		450	265	58	90 00	264	± 03 54	1662	21	+	122		±	180				"
		11.19																
		841	278	98	90 00	278	± 03 02	1589		+	49		±	147				B.C.

Add'n'l Inform.

		584															
		555	29	57	90 00	29	± 01 51	1487			−	48		±	09		GD
		610							6								
		530	80	57	90 00	80	± 00 47	1489			−	46		±	11		"
		639							7								
		506	133	57	90 00	133	± 01 19	1509			−	26		±	31		"
		635							8								
		500	135	57	90 00	135	± 02 35	1539			±	04		±	61		"
		649							9								
		490	159	57	90 00	159	± 03 00	1561			±	26		±	83		"
		673							10								
		466	207	57	90 00	207	± 02 24	1565			±	30		±	87		"
		698							11								
		445	253	57	90 00	252	± 04 14	1664			±	128		±	186		"
		11.00							12								
		8.36	264	97	90 00	263	± 03 20	159~~5~~1			±	56 ~~98~~		±	153		"
		1220							13								
		9.18	302	107	90 00	301	± 03 18	1652			±	117		±	174		B.C.
		7.78							14								
		3.65	413	57	90 00	406	± 07 37	2021			±	486		±	543		T.C.
		7.80							15								
		355	425	57	90 00	418	± 07 32	2030			±	495		±	552		F.N.
									16								
									17								
3+00	P.I.				0 00			1472		57			1529				3+00
		586							18								
		558	28	57	90 00	28	± 01 08	1478			−	51		±	06		G.D.
		620							19								
		520	100	57	90 00	100	± 00 43	1485			−	44		±	13		"
		632							20								
		506	126	57	90 00	126	± 03 13	1543			±	14		±	71		"
		653							21								
		490	163	57	90 00	163	± 02 30	1543			±	14		±	71		"

Add'n'l Inform.

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

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

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

Saddle Swale Flat Stream Trail Pavement Edge of Road

		790																
		350	440	57	90.00	433	±	07.23	2033	6	−	±	504	−	±	561	T.C.	
		795																
		340	455	57	90.00	448	±	07.14	2040	7	−	±	511	−	±	568	F.N.	
										8								
										9								
3+50	P.I.			57	0.00				1469	10	−	−		1526			3+50	
		586																
		555	31	57	90.00	31	±	00.36	1472	11	−	±	54	−	±	03	G.D.	
		618																
		525	93	57	90.00	93	±	00.35	1478	12	−	±	48	−	±	09	"	
		625																
		520	105	57	90.00	105	±	03.54	1540	13	−	±	14	−	±	71	"	
		632																
		510	122	57	90.00	121	±	03.45	1549	14	−	±	23	−	±	80	"	
		633																
		500	133	57	90.00	133	±	01.50	1512	15	−	±	14	−	±	43	"	
		661																
		485	176	57	90.00	176	±	02.21	1541	16	−	±	15	−	±	72	"	
		684																
		461	223	57	90.00	223	±	02.21	1560	17	−	±	34	−	±	91	"	
		694																
		425	269	57	90.00	268	±	02.42	1596	18	−	±	70	−	±	127	"	
		723																
		410	313	57	90.00	312	±	02.44	1618	19	−	±	92	−	±	149	"	
		740																
		400	340	57	90.00	339	±	02.58	1645	20	−	±	119	−	±	176	B.C.	
		798																
		335	463	57	90.00	457	±	06.43	2007	21	−	±	481	−	±	538	T.C.	
		809																
		325	484	57	90.00	478	±	06.28	2011		−	±	485	−	±	542	G.D.	

Add'n'l Inform.

Job No. 8751.16 Division No. 11 F.B. 2810 Pg. 31

Survey of REDONDO-CLIFTON CO. BEACH

Survey by RICHARDS Notes MHR Date 3-27-68

Sheet No. Checked by L. E. OTT Date

		3.76	108	5 7	90 00	108	± 00 00	149 1	6	—	±	1 1	—	±	4	—		
		6.42 / 4.96	1.46	5 7	90 00	146	± 02 25	152 1	7	—	±	0 5	—	±	6 2	—		"
		14.80 / 12.60	220	13 7	90 00	220	± 01 55	145 3 / ~~153 3~~	8	—	±	6 3 / 7	—	±	7 4	—		"
		7.05 / 4.30	275	5 7	90 00	275	± 02 34	158 2	9	—	±	6 6	—	±	12 3	—		"
		7.18 / 4.10	308	5 7	90 00	306	± 02 50	161 1	10	—	±	9 5	—	±	15 2	—		"
		7.68 / 3.80	388	5 7	90 00	387	± 03 18	168 2	11	—	±	16 6	—	±	22 3	—		"
		8.00 / 3.40	460	5 7	90 00	458	± 05 24	189 2	12	—	±	37 6	—	±	43 1	—		T. C.
		8.10 / 3.25	485	5 7	90 00	483	± 05 06	188 ~~8~~	13	—	±	37 4	—	±	48 ~~7~~ 9	—		G.D.
									14									
5400					0 00			145 7	15	5 7			1514					5400
		5.82 / 5.57	25	5 7	90 00	25	− 00 30	145 5	16	—	−	59	—	−	0 2	—		G.D.
		6.05 / 5.30	75	5 7	90 00	75	± 00 21	146 2	17	—	−	52	—	±	0 5	—		"
		6.16 / 5.20	96	5 7	90 00	96	± 04 57	154 0	18	—	±	26	—	±	8 3	—		"
		6.23 / 5.18	105	5 7	90 00	105	± 01 54	149 2	19	—	−	22	—	±	3 5	—		"
		6.45 / 4.95	150	5 7	90 00	150	± 01 41	150 1	20	—	−	13	—	±	4 4	—		"
		7.78 / 5.66	212	6 7	90 00	212	± 01 31	15~~X~~0 3	21	—	−	01	—	±	5 6	—		"
		7.19 / 4.30	289	5 7	90 00	289	± 02 20	157 5		—	±	6 1	—	±	11 8	—		"

Add'n'l Inform.

Job No. 8751.16 Division No. 11 F.B. 28810 PG. 98

Survey of REDONDO-CLIFTON CO. BRIDGE

Survey by RICHARDS Notes N.P.R. Date 3-27-62

Map No. Indexed H.E. OTT Date

F.B. 2810 PG. 34

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

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

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

Saddle ... Swale ... Flat ... Stream ... Trail ... Pavement ... Edge of Road

		7.50 / 4.00	350	57	90 00	348	± 03 59	170 0			±	186			±	243	"
		7.90 / 3.55	435	57	90 00	432	± 04 45	181 6	6		±	302			±	359	T.C.
		7.95 / 3.40	455	57	90 00	452	± 04 37	182 2	7		±	308			±	365	GD
									8								
5+50	P.I.				00 00			145 3	9	57			151 0				5+50
		5.82 / 3.57	25	57	90 00	25	± 01 03	145 8	10		-	52			±	05	GD
		6.08 / 3.30	78	57	90 00	78	± 00 29	146 0	11		-	50			±	07	"
		6.16 / 3.23	93	57	90 00	93	± 02 05	148 7	12		-	23			±	34	"
		6.21 / 5.19	102	57	90 00	102	± 00 47	146 7	13		-	43			±	14	"
		6.41 / 4.90	151	57	90 00	151	± 01 10	148 4	14		-	26			±	31	"
		6.51 / 4.85	166	57	90 00	166	± 02 27	152 4	15		±	14			±	71	"
		6.63 / 4.80	183	57	90 00	183	± 01 34	150 3	16		-	07			±	50	"
		6.90 / 4.50	240	57	90 00	240	± 01 37	152 1	17		±	11			±	68	"
		6.97 / 4.45	252	57	90 00	251	± 03 02	158 6	18		±	76			±	133	"
		7.00 / 4.40	260	57	90 00	260	± 02 26	156 3	19		±	53			±	110	"
		7.33 / 4.00	333	57	90 00	332	± 03 30	165 6	20		±	146			±	203	"
		7.58 / 3.85	373	57	90 00	371	± 04 32	174 7	21		±	237			±	294	T.C.

Add'n'l inform.

	6.36														
	5.03	133	57	90 00	133	+	00 50	146	7	6	-	38	+	19	
	6.61														
	4.75	186	57	90 00	186	+	02 58	154	4	7	+	39	+	96	"
	7.02														
	4.40	262	57	90 00	261	+	03 00	158	5	8	+	80	+	137	"
	6.97														
	4.30	267	57	90 00	266	+	03 32	161	2	9	+	107	+	164	T.C.
	7.53														
	4.00	353	57	90 00	352	+	03 27	166	0	10	+	155	+	212	G.P.
										11					
6+50		NO		CHANGE						12					
										13					
										14					
										15					
										16					
										17					
										18					
										19					
										20					
										21					

Add'n'l Inform.

Job No. 87511.6 Division No. 11 F.B. 2810 Pg. 35

Survey of REDONDO-GLEETON CO. BEACH

Survey by RICHARDS Note K.P.R. Date 3-27-62

Map No. Indexed H. F. OTT Date

F.B. 2810 Pg. 36

Topography Description Legend:

Side Hill.....S.H.	Bottom Draw.B.D.	Inters. of Draws.V.D's	Side of Canyon S.Cn.	Saddle	
Side of Draw.S.D.	Bottom Wash B.W.	Break in Slope..Bk.S.	Top of Bank...T.B.	Swale	
Side of Ridge.S.R.	Top of Ridge.T.R.	Steep Slope.....S.S.	Bottom of Bank.B.B.	Flat	
Head of Draw H.D.	Toe of Slope..T.S.	Top of Cliff.....T.Cl.	Top of Cut.....T.C.	Stream ...	
		Bottom of Cliff..B.Cl.	Bottom of Cut..B.C.	Trail	
		Top of Spur.....T.Sp.	Top of Fill.....T.F.	Pavement .	
		Bottom Canyon..B.Cn.	Bottom of Fill.B.F.	Edge of Road	

Add'n'l Inform.

21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6

RR

HEN

Survey of S. TORR BEACH ALA
JN 0055.86 Tape 1/6 Std 84 °F
Surveyed by L.K. LIND
Notes LIND Date 6-1-65
Indexed C. J. GALLI JUN 8 '95

F. B. 2810 PG. 37

J.N. 0055.86

TORRANCE BEACH ACQUISITION

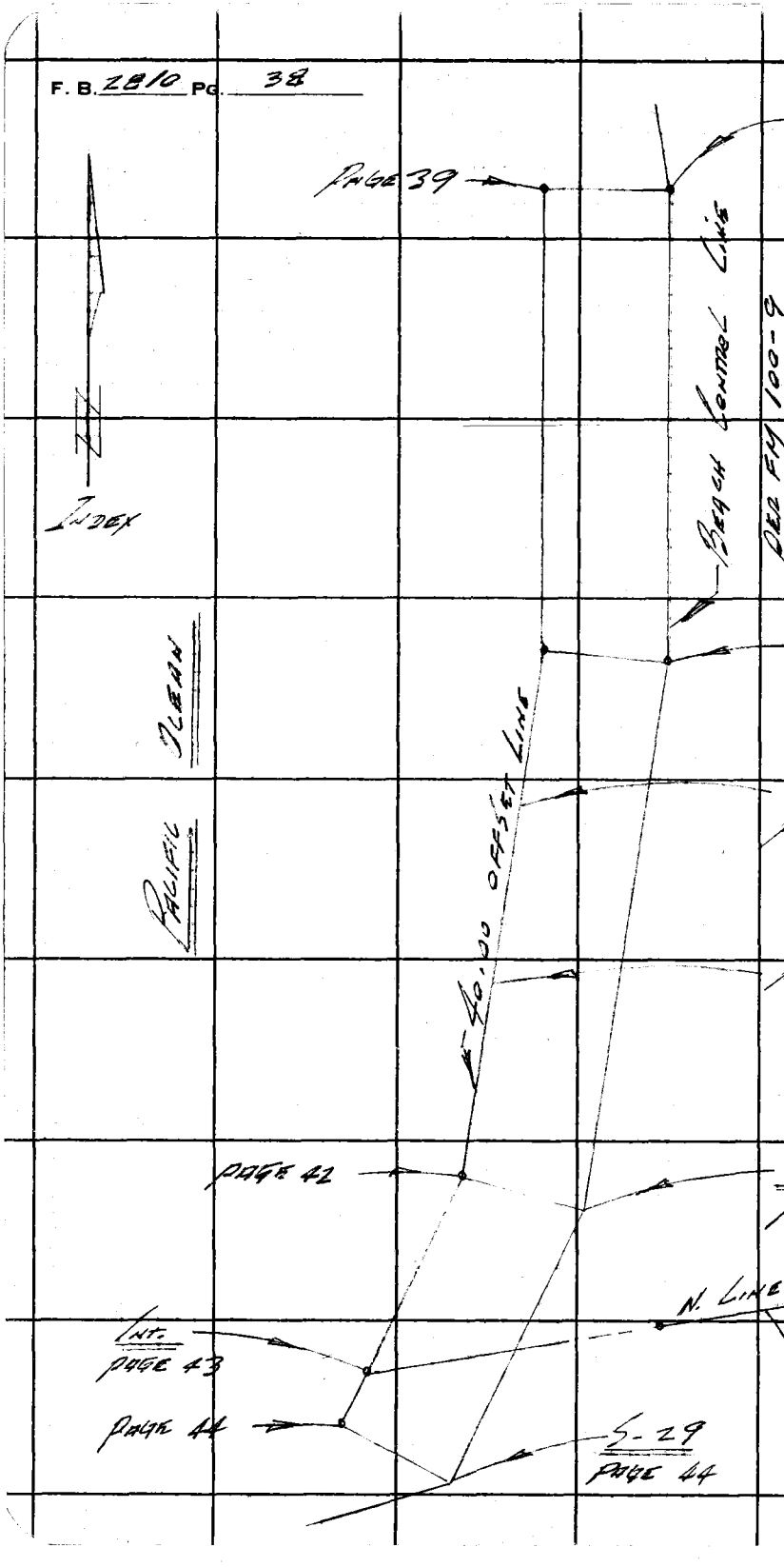
CONTROL SURVEY

JUNE 1965

LIND
MOODY

LYBRAND
WORKMAN

F. B. 2810 PG. 38


PAGE 39
BEACH CENTRAL LINE
DEC FY 100-9
INDEX
CLEAN
PACIFIC
40.00 OFFSET LINE
PAGE 42
N. LINE
INT.
PAGE 43
PAGE 44
S-29
PAGE 44

RR
6
EN

Survey of S. PORT BEACH ACQ
JN 4455.26 Tape 100 Std 84 °F
Surveyed by C.K. LINS
Notes KAN Date 6-1-65
Indexed C. J. GALLI

F. B. 2810 PG. 39

S-26
FOUND A
CO. S. MON.
NAIL ON
48" PER
F.B. 2100.36
SEE F.B.
2100-36
FOR TIES

40.00

S. 0°09'32" W.

88
10

40' OFFSET LINE

CONTROL LINE

87°57'47"
6.4 M.

1. 87°57'50"
2. 175°55'30"
AV. 87°57'45"

S-27
FOUND A
2" I.P. CEN.
PLUG AND
C.E. TAG
ON 48"
PER F.B.
2100-37
SEE F.B.
2100-37
FOR TIES

40.03
C.E.M.

1459.44 HEAD

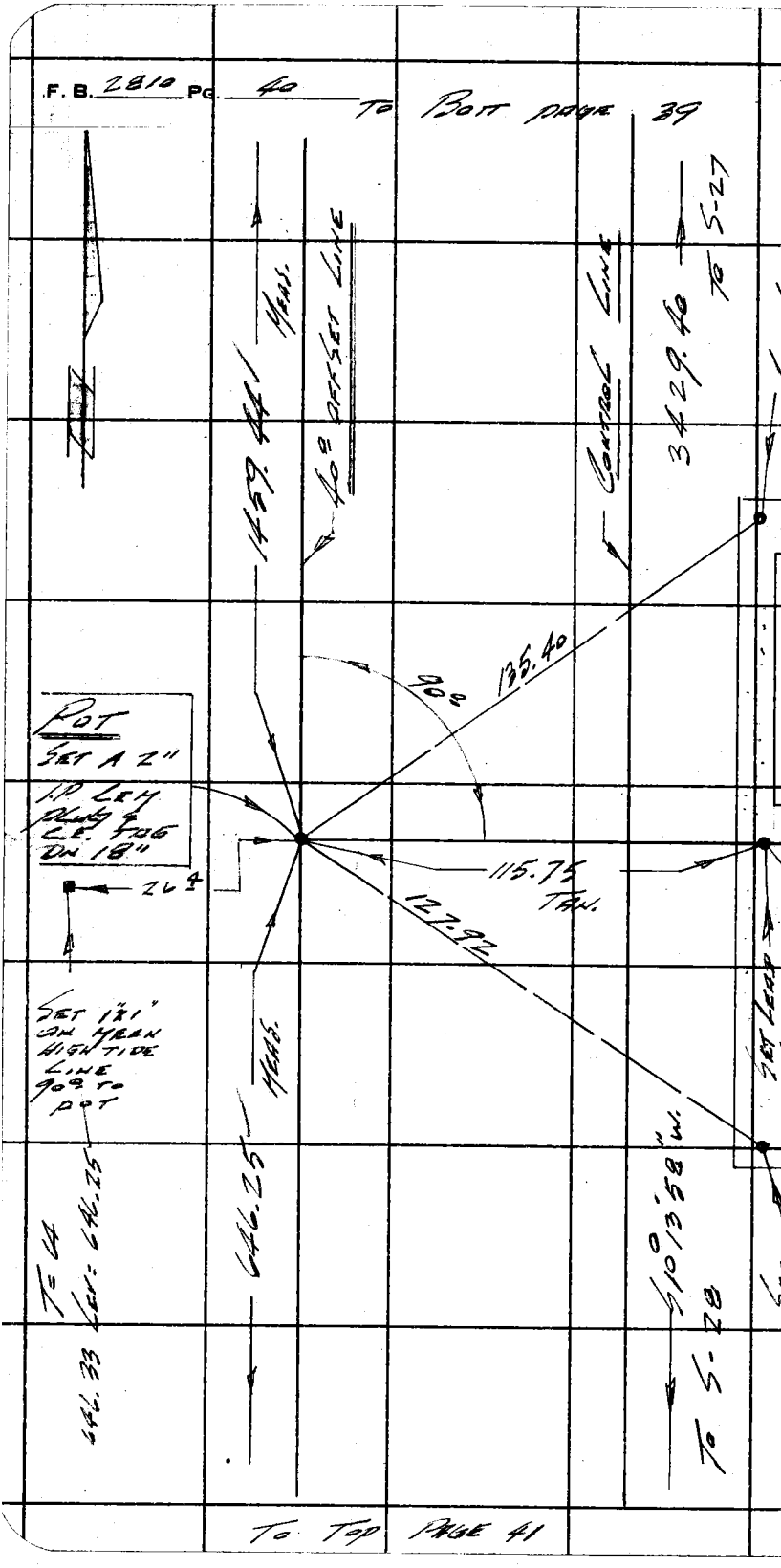
S. 10°13'58" W.

3429.40
PER F.H. 100-9

T = 64
1459.63 LEV = 1459.44

T. TO TOP PAGE 40

F. B. 2810 PG. 40 TO BOTT PAGE 39



TO TOP PAGE 41

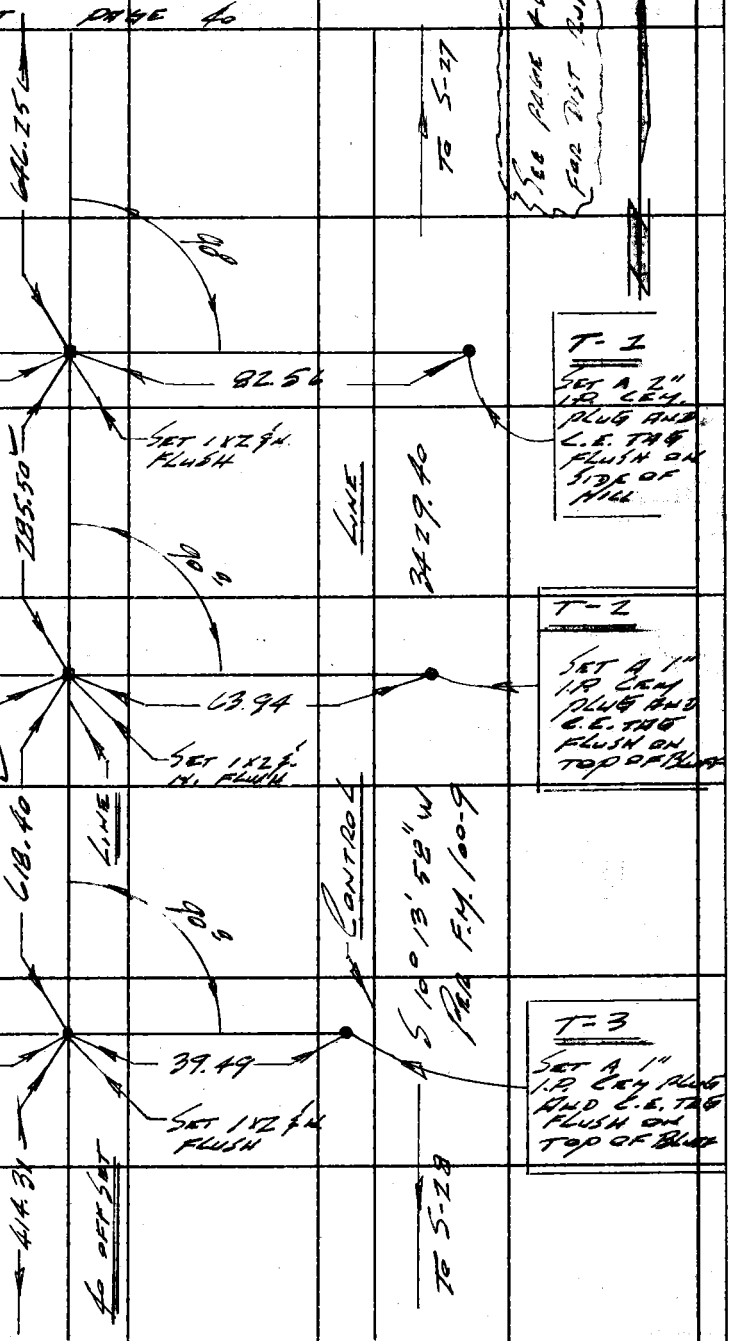
ARR

IEN

Survey of Topo. Block Alk.
JN 0465.64 Topo Lab. Std 88 °F
Surveyed by C.R. Lind
Notes Ken Date 6-14-65
Indexed C. J. GALLI

F. B. 280 PG. 41

Bott PAGE 40



To Top Page 42

F. B. 2810 PG. 42

To Bott page 41

1. 168 21 00
4. 313 24 20
6. 290 06 20
Av = 168° 21' 03"

1. 12 41 50
4. 50 47 40
6. 76 11 00
Av 12° 41' 50"

40' OFFSET LINE

414.31 C.&H.

S 10° 13' 58" W

To S-27

34 29.40

CONTROL LINE

Set 1x1 on mean high tide line

39 ±

168° 21' 03" C.&H.

84° 19' 32" CALC.

40.21 CALC.

S 21° 52' 53" W.

330.45 MEAS.

LINE

832.61

To S-29

S-28 OFFSET

Set a 2" LP. Cem plug and C.& T tag on 12"

Rec. angle and dist from S-27 on 40' offset line per FH 100-9

42.00'
12° 41' 50"
MEAS.

To Top page 43

RR
6
HIEN

Survey of S. Tract Beach Area
JN [illegible] Tape 106 Std [illegible] °F
Surveyed by Lind
Notes Lind Date 6-2-65
Indexed C. J. GALLI

F. B. 2310 PG. 43

Bott pg 42

930.43

Control Line

S. 21° 52' 55" W

To S-28

1. 111 40 10
2. 82 43 20
3. 210 05 00
Az = 111° 40' 50"

47.63

T-4
Set 1" IP
Cem Plug
Find C.E.
Tag Flush
At Base of
Cliff

Set 1" IP
Find Nail
Flush
On Beach
Bl. Lined.

402.84

T-5
Set 1" IP
Cem Plug
Find C.E.
Tag Flush
At Base
of Cliff

P. V. Estates

N. Line

163.47

40.02

To Bott Page 45

Int.
Nothing found
At 8+00 Int.
or on 10.00
Offset Line
Per F.B. 838-30
Nothing set

932.61
Per FB 100-9

To S-29

T-6
402.91 Lin
= 402.84

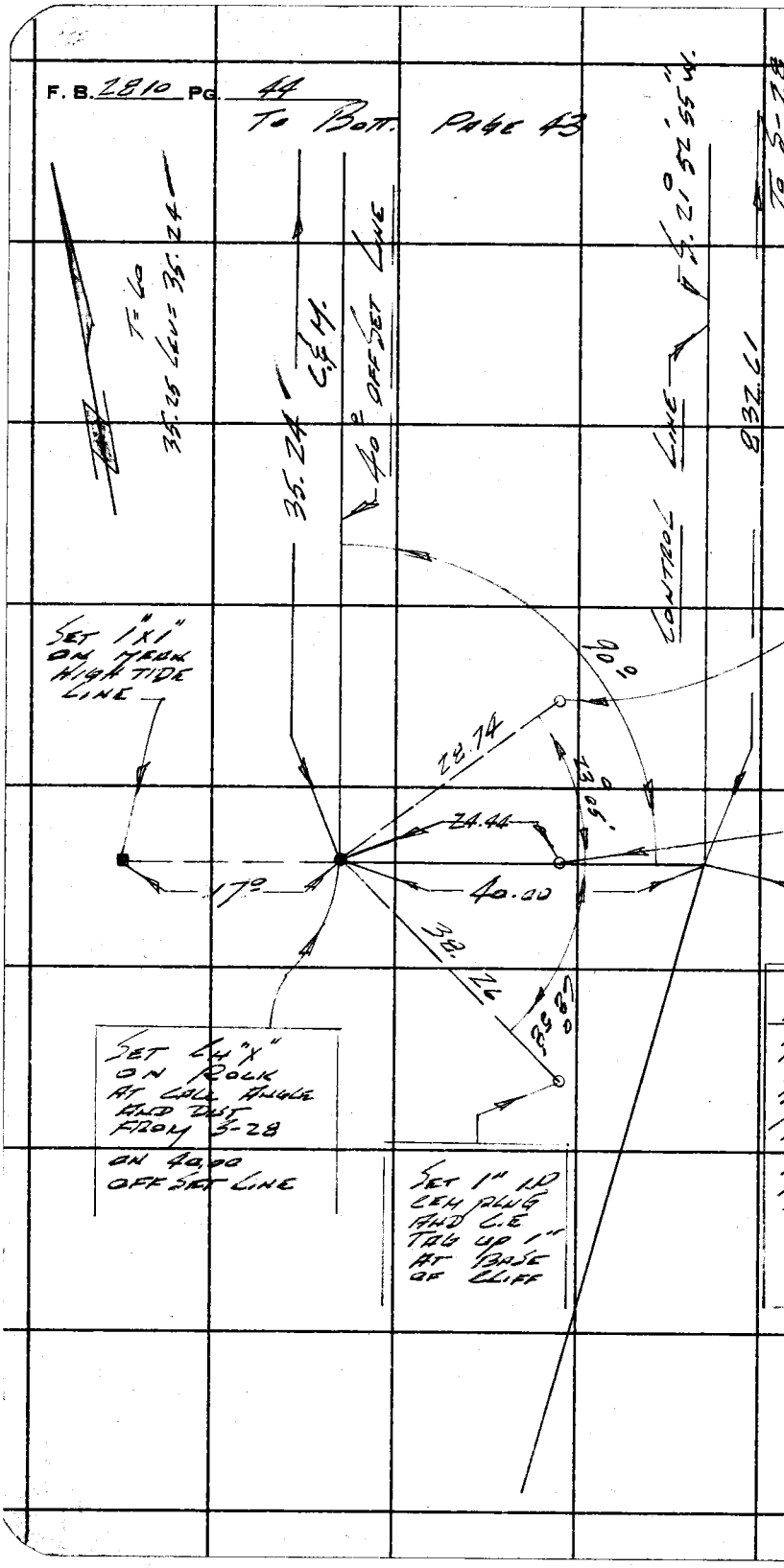
To Offset Line

35.24

Top Pg. 44

F. B. 2810 PG. 44

To Bott. Page 43



RR
6
HIEN

Survey of S. Tara Beach Rd.
JN 0055 80 Tape 100 Std 84 °F
Surveyed by LIND
Notes LIND Date 6-2-65
Indexed G. J. GALLI

F. B. 1212 Pg. 45

MADE SEARCH FOR ALL POINTS SHOWN TO THE EAST IN F.B. 838 48-49 FOUND NOTHING CONST. OF LARGE APT. BLDG. ON N. SIDE OF BDY LINE HAS DESTROYED POINTS.

FOUND OLD 2" I.P. WOOD PLUG AND N. DN 2.4' PER F.B. 838-49 N.W. COR. LOT 4

81° 01' 40" Adj

179.09

FOUND OLD 2" I.P. WOOD PLUG AND TAG UP 2" PER 4263 PER F.B. 838-49

LINE

OFFSET

17.77

P.V. ESTATES

SET 1/2" I.N. AT TOP OF CLIFF FLUSH

36.88

N. LINE

SET 1/2" I.N. AT EDGE OF BLUFF FLUSH

163.57

TB 16 10 6 24

T = 64
179.11 Arc 179.09

To Rd. PG 43

F. B. 2810 PG. 46

DISTANCE COEF. FOR PAGE 41

T= 64	285.54	LEV= 285.50	
T= 64	618.49	LEV= 618.40	
T= 64	414.36	LEV= 414.31	
T= 64	83.10	@ 5°27' =	82.56
T= 64	70.09	@ 24°10' =	63.94
T= 64	50.72	@ 38°51' =	39.49

d_____ Job No. 0055.86 Division No. 11 F. B. 2810 PG. 47

Survey of S. TORRANCE BEACH ACQUISITION

ed_____ Survey by [illegible] Notes [illegible] Date [illegible]

Map No._____ Indexed G. J. GALLI Date [illegible] 65

U.N. 0055.86

TORRANCE BEACH ACQUISITION

LOCATION OF MEAN HIGH TIDE LINE

MAY 28 1960

LIND

MOODY

LYBRAND

WORKMAN

F.B. 2810 PG. 48 Job No. 0055.86 Division No. 11 Notes Red

Survey of STORRENE BEACH ALQUINTOD Date

Survey by LUND Notes LUND Notes Chkd. G. E. Date

Indexed G. J. GALLI Date Date JUN '65

"			926	4 71	MEAN HIGH TIDE LINE	26 ± Rt
T.P.	397	11 14	670	7 27		
T-1			364	7 50	40' OFF SET LINE	
"			643	4 71	MEAN HIGH TIDE LINE	32 ± Rt SEE PG 41
T.P.	479	9 97	596	5 13		
T-2			204	7 73	40' OFFSET LINE	
"			526	4 71	MEAN HIGH TIDE LINE	31 ± Rt. SEE PG 41
T.P.	391	9 41	447	5 52		
T-3			163	7 79	40 OFF SET LINE	
"			479	4 71	MEAN HIGH TIDE LINE	30 ± Rt.
T.P.	512	9 86	473	4 68		
S-23			216	7 64	40' OFFSET LINE	SEE PG 42
"			569	4 71	MEAN HIGH TIDE LINE	39 ± Rt.
T.P.	561	10 19	552	4 59		
T-4			407	6 12	40' OFFSET LINE	
"			643	4 71	MEAN HIGH TIDE LINE	18 ±
T.P.			629	3 90		

d_____ Job No. 005586 Division No. 11 F.B. 3810 PG. 49

Survey of S. TORRANCE BEACH ACQUISITION

ed_____ Survey by GIND Notes GIND Date 6-28-65

Map No._____ Indexed C. J. GALLI Date_____

F.B. 7810 PG. 50

Job No. Division No. Notes Red

Survey of Date

Survey by Notes Notes Chkd.

Indexed Date Date

ARR
6
EN

Survey of TORR BEACH ALQ.
JN 0055.8 Tape 76 Std 64 °F
Surveyed by LIND
Notes LIND Date 6-30-65
Indexed C. J. GALLI JR 8 65

F. B. 2410 PG. 51

JN 00 55.86

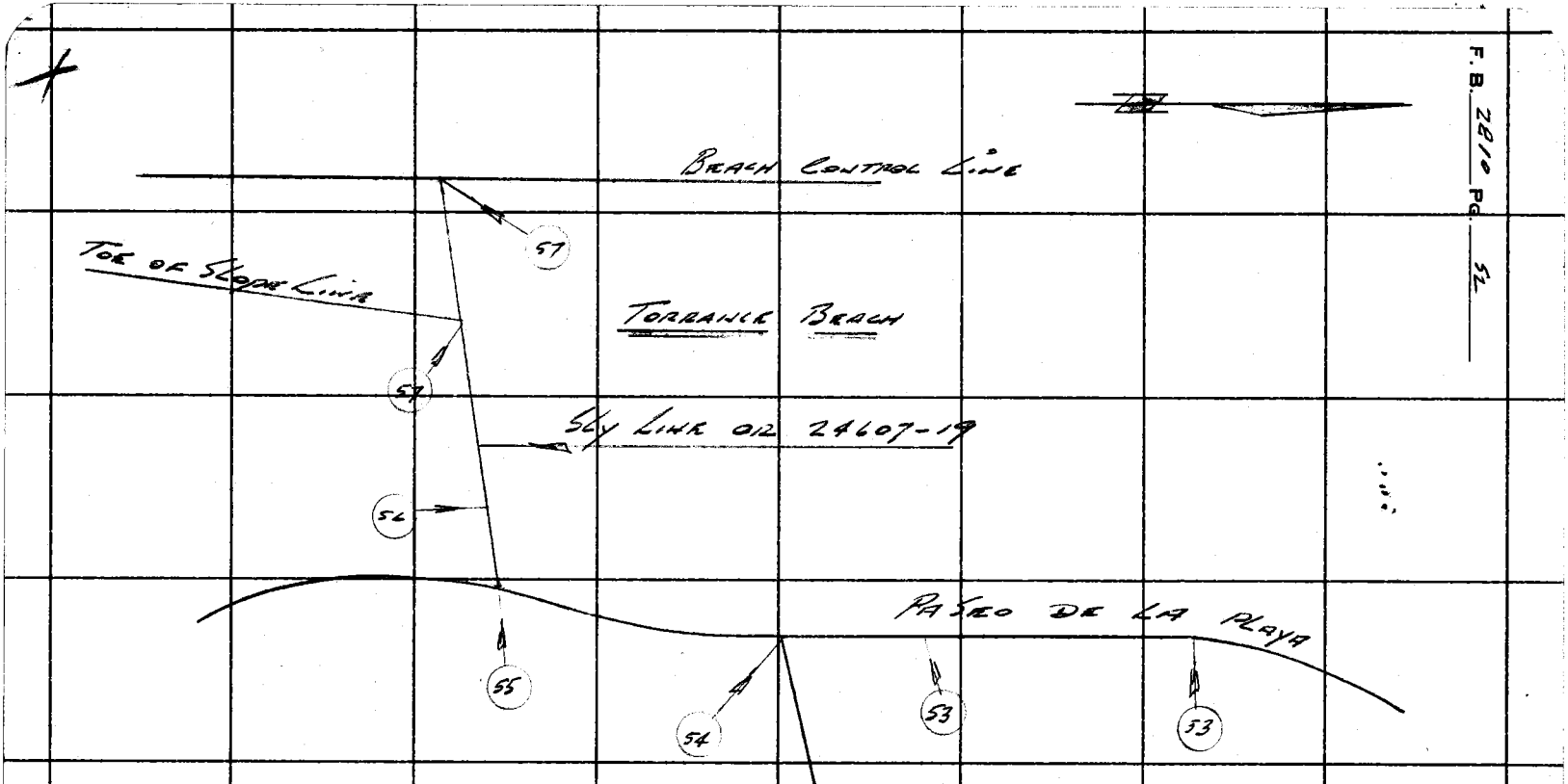
TORRANCE BEACH ACQUISITION

R SECTION OF BEACH CONTROL LINE
AND TOE OF BLUFF LINE

WITH THE SLY. LINE OF OR 24607-19

JUNE 1965
LIND
MOOTY
LYBRAND
OHASHI

X


F.B. 2810 PG. 52
BEACH CONTROL LINE
TOE OF SLOPE LINE
TORRANCE BEACH
SLY LINE OF 24607-19
PASEO DE LA PLAYA
57
57
56
55
54
53
53

ARR
26
HEN
5

Survey of Tract Beach Acq.
JN 0055 86 Tape 176 Std 59 °F
Surveyed by E.C. Lind
Notes Lind Date 6-30-65
Indexed C. J. GALLI

F. B. 7810 PG. 53

30

30

Rec

249.70

12.74

17.26

17.26
Tan

Found L&T in curb per F.B. 838-103

E.C.
Set a Nail flush by ties per F.B. 838-103

Per F.B. 838-103

892.72
Rec

De La Playa

B.C.
Found Nail flush No Rec. Checks ties per F.B. 838-103

17.17

17.36
Tan

Found L&T in curb per F.B. 838-103

12.87

Rec 60

77.31
Meas.

T# 68

77.32 Lev: 77.31

To Top of Sq

F. B. 2810 PG 54

P.I. "B"

Found C.S. Brass Cap Mon in a Hh pcc FB 838-103 Marked

COUNTY SURVEYOR RE 329

1. 172 02 30
4. 328 34 20
6. 312 51 30
Avg. 172° 08' 35"

Made Search for 3/4" I.P. Per FB 838 - 120 Found Nothing

Paseo De La Plata

77.81 R&M

35'

172° 08' R&M

77.81 R&M

125.28 L&M

77.32
125.29

30 30

ARR
-6
IEN
R

Survey of S. Padre Beach Alg
JN 0055.86 Tape 196 Std 59 °F
Surveyed by [illegible]
Notes Line Date 6-30-65
Indexed C. J. GALLI

F. B. 2014 PG. 55

To Bot Pg. 54

10.69

125.28 C.M.

Set at Spk w/ Tin Flush

Set Nail Flush Rec. Angle and Dist. From R.1.73

7.83

25.39 C.M.

17.29 Meas.

Tan. 32.79

Fd Lat

5.68

6.20

New Pt.

Found R.R. Spk and Tin Flush Rec. Tr. # 18379

29.30 Tan.

Fd Lat

19.79 Meas.

Playa

De La

Rosa

1. 79 59 00
2. 159 58 00
Ave 79 59 00

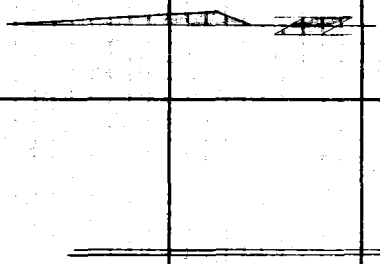
1. 79 59 00
2. 319 56 00
3. 119 54 00
Ave 79°59'00"

30

90

To Lt PAGE 55

F. B. 2810 PG 56



134.62

SET LEAD AND C.&E. TAG IN PARKING LOT CURB.

67.06

P.O.T.
SET 1"x2" AND NAIL FLUSH

25' OFFSET LINE

O.R. 24607-19

SLY LINE

115.77

SET 1"x2" F.H. FLUSH

4.27

P.O.T.
SET RR. "X" IN TOP OF CONC. BLOCK WALL.

120.88

17.10

To Rt PAGE 57

ARR
6
EN

Survey of 2 TOAR BEACH ALG.
JN-05588 Tape 1-96 Std 32 °F
Surveyed by LMD
Notes LMD Date 2-2-65
Indexed C. J. GALL

F. B. 2810 PG. 57

1. 103 45 20
4. 55 01 00
6. 262 31 20
Av= 103 45 13

1. 79 58 30
4. 319 54 00
6. 119 54 00
Av= 79 58 30

SET 1X2 FH FLUSH BY INT.

79 58 30 MEAS.

120.88

17.10

25°

OFFSET LINE

26.22

SLY LINE

G.R. 24L07-19

103 45 13 MEAS.

TO BST. PAGE 56

SET CH "X" IN TOP OF CONC. BLOCK WALL

INT.

MADE SEARCH FOR 4"x4" PER FB. 838-213 FOUND NOTHING

CONTROL LINE

T-1

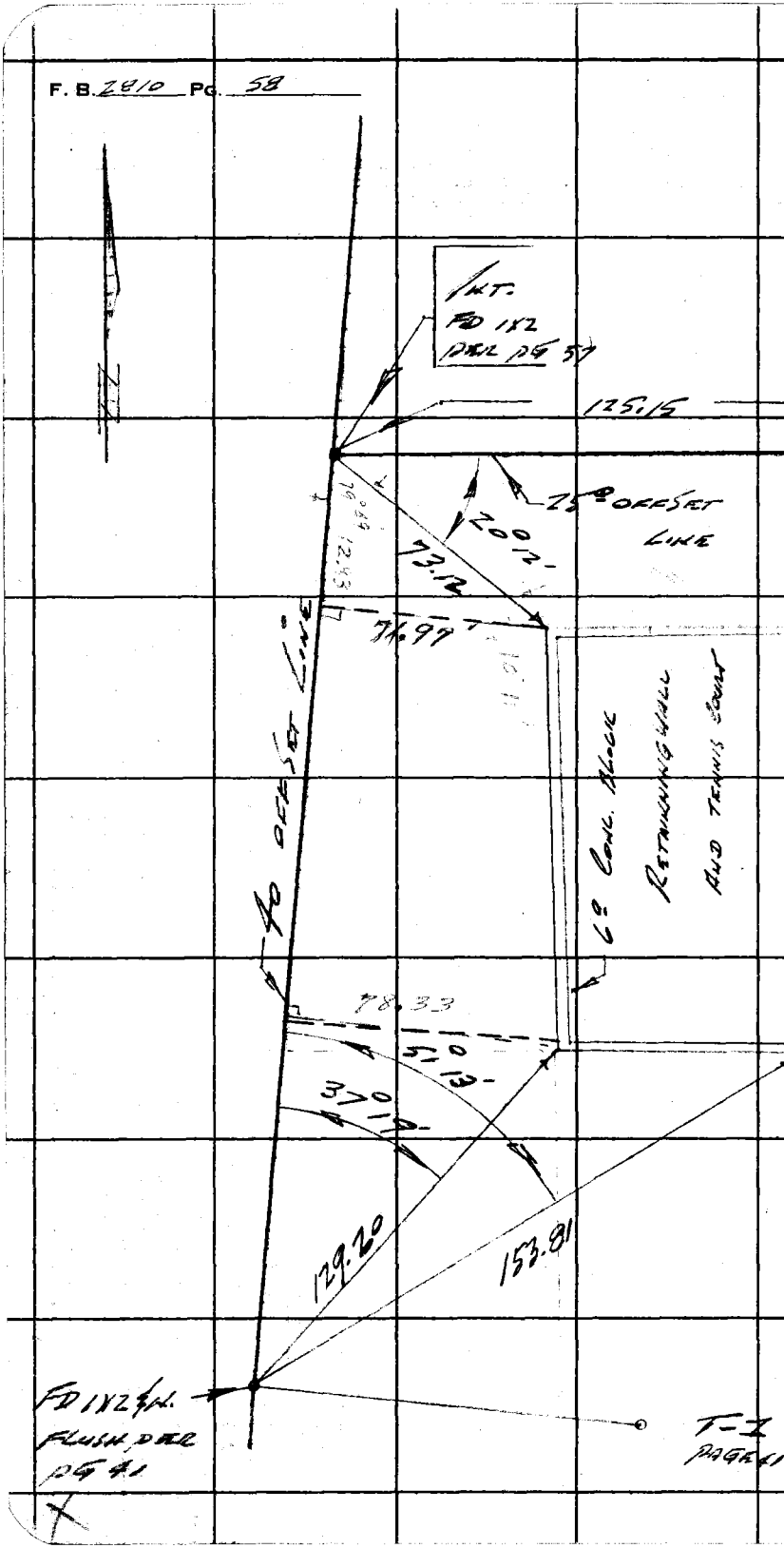
FOUND 2" I.P. CEM PLUG AND C.E. TAG FLUSH PER PAGE 41

T-2

FOUND A 1" IP CEM PLUG AND C.E. TAG FLUSH ON TOP OF BLUFF PER PG 41

LAV=
362.57

F. B. 2810 Pg. 58


INT.
FD 1X2
IRRL PG 57
125.15
75' OFFSET
LINE
20°12'
73.12
76.97
76°49' 12"E
70' OFFSET LINE
6" CONC. BLOCK
RETAINING WALL
AND TENNIS COURT
78.33
51°13'
37°19'
129.20
153.81
FD 1X2 F.H.
FLUSH DRL
PG 41
T-1
PAGE 61

Survey of S. TORRANCE BEACH
JN 0055.86 Tape 190 Std 84 °F
Surveyed by LIND
Notes LIND Date 6-3-69
Indexed O.L.GALLI JN 10 '69

F. B. 2810 PG. 59

J.N. 0055.86

TORRANCE BEACH

ACQUISITION

TROL LINE FOR LOCATING

E MEAN HIGH TIDE LINE

6-3-69

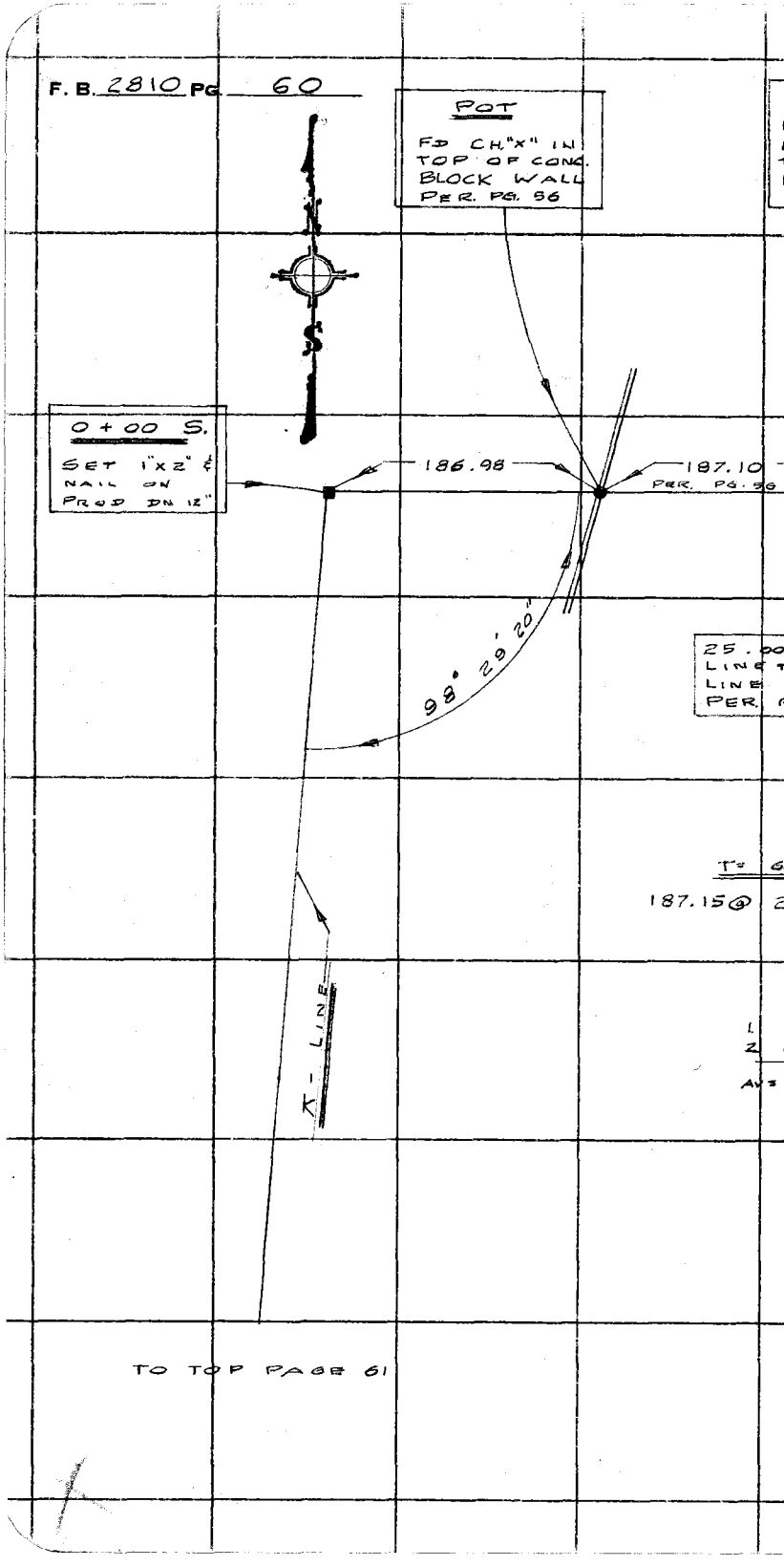
LIND

PETERSON

MANLEY

FISHER L.L.

F. B. 2810 PG. 60



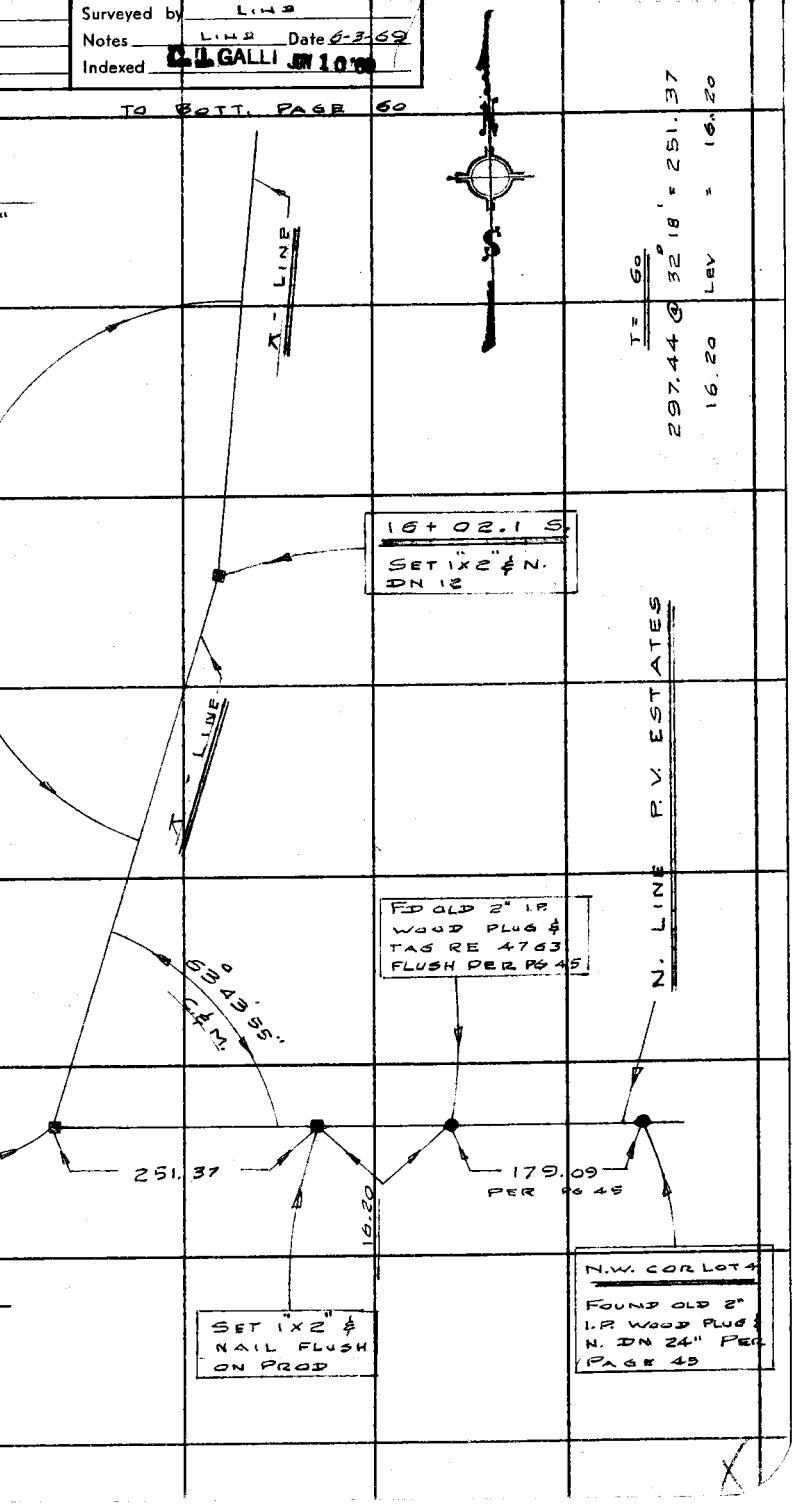
TO TOP PAGE 61

HIOU

Survey of S TERRANCE OSACH
JN 0055.26 Tape 100 Std. 68 °F
Surveyed by LINS
Notes LINS Date 6-3-69
Indexed L.L. GALLI JUN 10 '69

F. B. 2810 PG. 61

TO BOTT. PAGE 60



F. B. 2210 PG. 62

d _____ Job No. 0055.86 Division No. 11 | F. B. 2210 Pg. 63

Survey of Torrance Beach Acquisition

ed EFSTATHIOU Survey by Lind Notes Lind Date 6-3-69

Map No. _____ Indexed [redacted] Date [redacted]

J.N. 0055.86

Torrance Beach Acquisition

ation of Mean High Tide Line

M: M.L.L.W.

6-3-69

Lind

Peterson

Manley

Fisher L.L.

F.B. 2810 Pg. 64 Job No. 0055.86 Division No. 11 Notes Red

Survey of S. Tarrance Bayo Acquisition Date

Survey by Lind Notes Lind Notes Chkd.

Indexed C.J. GALLI Date Date

2 + 00			1021	4 80	Mean High tide line	106 ⁰	RT
T.P.	4 56	13 52	605	8 96			
4 + 00			872	4 80	mean high tide line	105 ⁰	RT
6 + 00			872	4 80	" " " "	102 ⁵	RT
T.P.	368	12 49	471	8 81			
8 + 00			769	4 80	mean high tide line	103 ⁰	RT.
10 + 00			769	4 80	" " " "	99 ⁸	RT
T.P.	471	12 86	434	8 15			
12 + 00			806	480	mean high tide line	92 ⁰	RT.
14 + 00			806	480	" " " "	93 ⁰	RT.
TP	375.	12 55	406	8 80			
16 + 00			775	480	mean high tide line	103 ⁰	RT
18 + 00			775	480	" " " "	71 ⁰	RT
TP	586	12 69	572	6 83			
20 + 00			789	480	mean high tide line	48 ⁵	RT
22 + 00			789	480	" " " "	25 ⁰	RT
24 + 16 ⁴			789	480	" " " "	15 ⁰	"
T.P.	554	12 38	585	6 84	Fd 1x2 page 67		

d _____ Job No. 4055.86 Division No. 11 | F. B. 2810 Pg. 65

Survey of Torrance Beach Acquisition

ed _____ Survey by Lind Notes Lind Date 6-3-69

Map No. _____ Indexed [redacted] Date [redacted] 10-69

								Pg 2 Pg 48
								00
								EL= 22.
								M.L.W.
								DATUM
								TBM #1
								2200
								1259
								898
								157
								568
								664
								2337
								1827
								1098
								1165
								T.P.
								T.P.
								TBM #1

F. B. 2810 Pg. 66 Job No. Division No. Notes Red

Survey of Date

Survey by Notes Notes Chkd.

Indexed Date Date

HIOU

HI

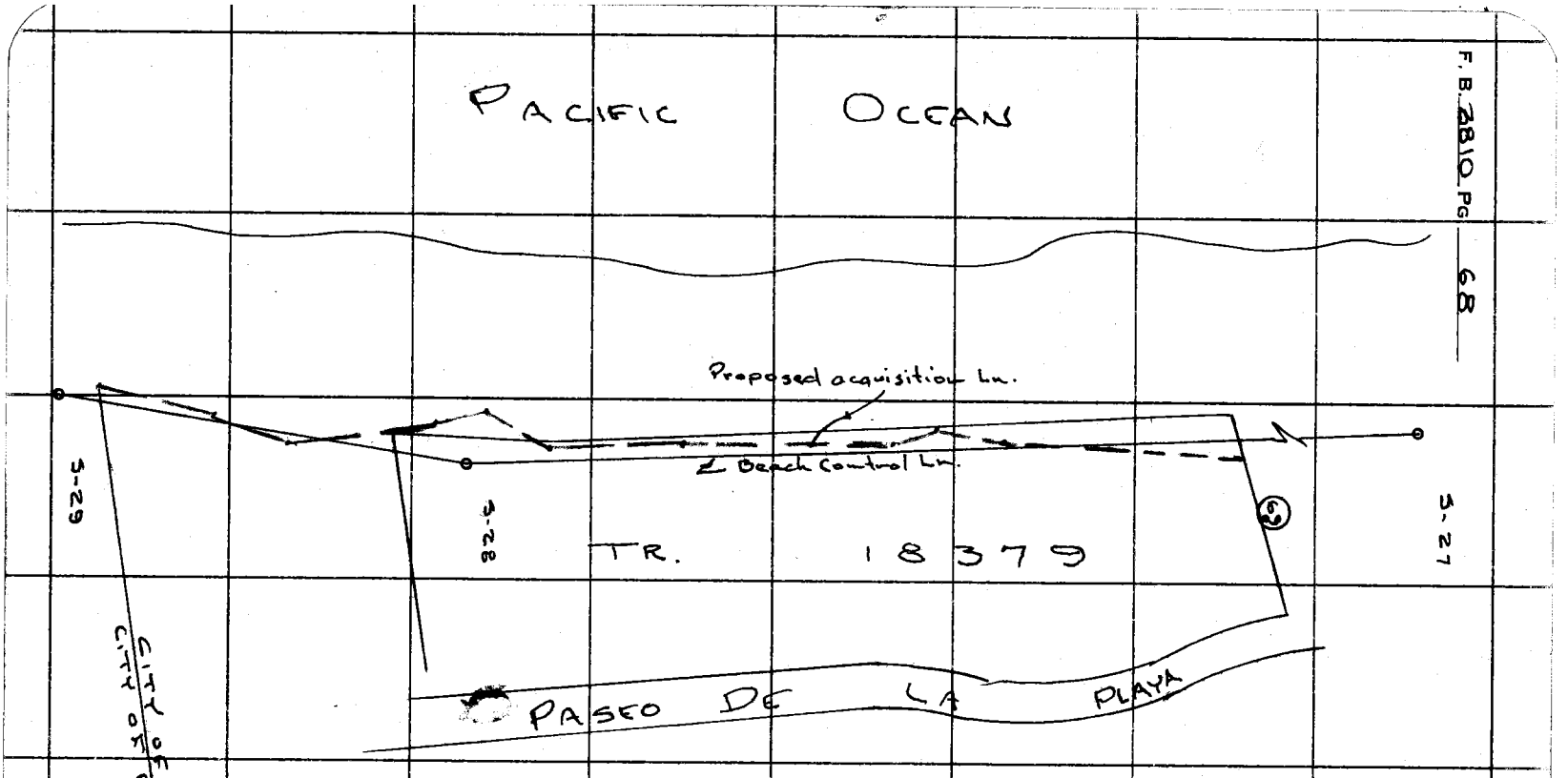
Survey of So. Torrance Beach F. B. 8810 PG. 67
JN 0055.86 Tape 197 Std 24 °F
Surveyed by Tom Mankey
Notes Tom M. Date 10-73
Indexed G. D. BAILEY MAY 8 197

J.N. 0055.86

SOUTH TORRANCE BEACH

ACQUISITION

Mankey
Oover
Derby
H. Jackson


PACIFIC OCEAN
Proposed acquisition Ln.
Beach Control Ln.
TR. 18379
PASEO DE LA PLAYA
CITY OF
CITY OF
3-29
3-28
3-27
69

F. B. 2810 PG. 68

HIOU
7
CHI

Survey of So. Torrance Bch.
JN 005526 Tape 197 Std 84 °F
Surveyed by Tom Mankay
Notes Tom M. Date 10-73
Indexed G. D. BAILEY MAY 8 1974

F. B. 2810 PG. 69

LIFE GUARD STATION

Fd. L & T. per F.B. 2100-38
F.B. 2810-40

Fd. C.E. Tag in Top of ret. wall per F.B. 2810-40

115.75'

41.17'

T.O. S-27

127.92'

S42°22'

93.18'

0.00'

75.99'

42.36'

Ramp → UP

114.76'

Cons. Stand

Fd. C.E. Tag in conc. cap per F.B. 2100-38

"Torrance Beach" 403+33.89 P.O.T. Reset 1"x2" stk. & nail 3' dn., by ties per F.B. 2100-38

Fd. L & T in conc. wk. per F.B. 2100-38

CONTROL LN.

INT. Control Ln. & 25' off. ln., not set. 406+35.44 S 1/4 Station per office staking sheet

Fd. Chis. "X" in top of conc. blk. ret. wall per F.B. 2810-56

Fd. L & C.E. Tag in conc. cap per F.B. 2810-56

58.45'

28 to S-27

25' Offset Ln.

120.88'

F.B. 2810-56

187.10'

134.62'

PASEO DE LA PLAYA

100.56'

72.10'

edge fdg. 43.4'

Conc. Blk. Ret. wall

120.89 @ T-76° = 120.88

1) 79° 58' 40"
4) 319° 55' 00"

6) 119° 52' 30"
77° 58' 45"

Fd. C.E. Tag in conc. cap per F.B. 2810-56

+50.13
"x2" stk.
in, 8' dn.

E. Tag
fdg.

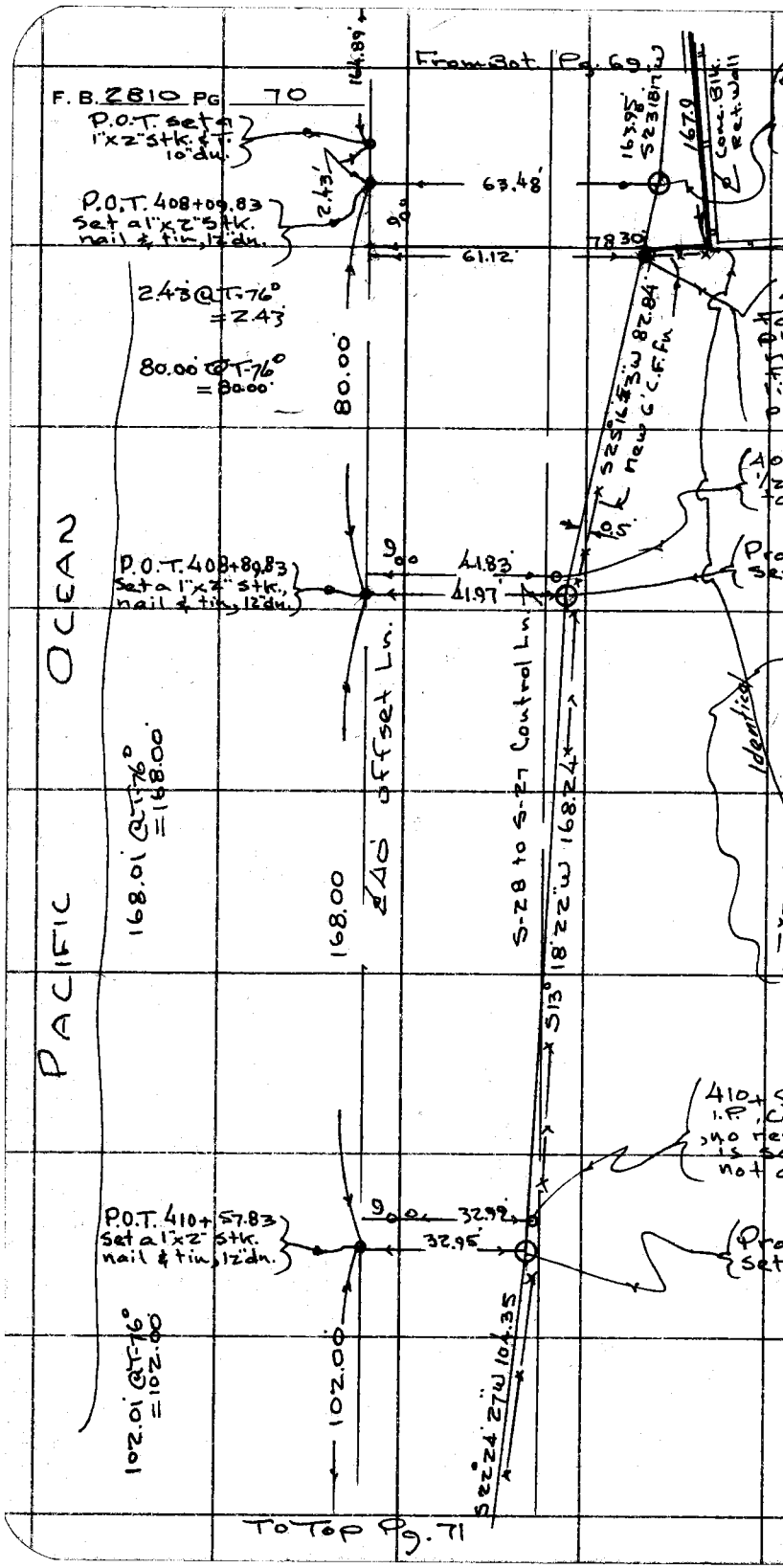
285

edge fdg.

167.0'

S23°18'17"W
163.95'

5.70


From Bot. Pg. 69
F. B. 2810 PG 70
P.O.T. set a 1"x2" stk. & T. 10" dn.
P.O.T. 408+09.83 Set a 1"x2" stk. nail & tin, 12" dn.
2.43 @ T-76° = 2.43
80.00 @ T-76° = 80.00
P.O.T. 408+89.83 Set a 1"x2" stk., nail & tin, 12" dn.
168.01 @ T-76° = 168.00
P.O.T. 410+57.83 Set a 1"x2" stk. nail & tin, 12" dn.
102.01 @ T-76° = 102.00
OCEAN
PACIFIC
40' Offset Ln.
S-28 to S-27 Control Ln.
S 18°22' W 168.24
S 22°24' 27" W 104.35
S 25°16' 43" W 87.84
New C.F.M.
Cons. Blk. Ret. Wall
Identified
To Top Pg. 71

HIOU

ACHI

Survey of So. Terrance Bch.
JN0055.B/6 Tape 197 Std. B/6 °F
Surveyed by Tom Mauker
Notes Tom M. Date 11-73
Indexed G. D. BAILEY MAY 8 1974

F. B. 2810 PG. 71

From Bot Pg. 70

411+14.03 Fdu
1/2" I.P., Conc. plug & Tack, 6" dn. no ref.

Proposed Cor. (5)
Set a 1" I.P., Conc. plug & C.E. Tag 6" dn.

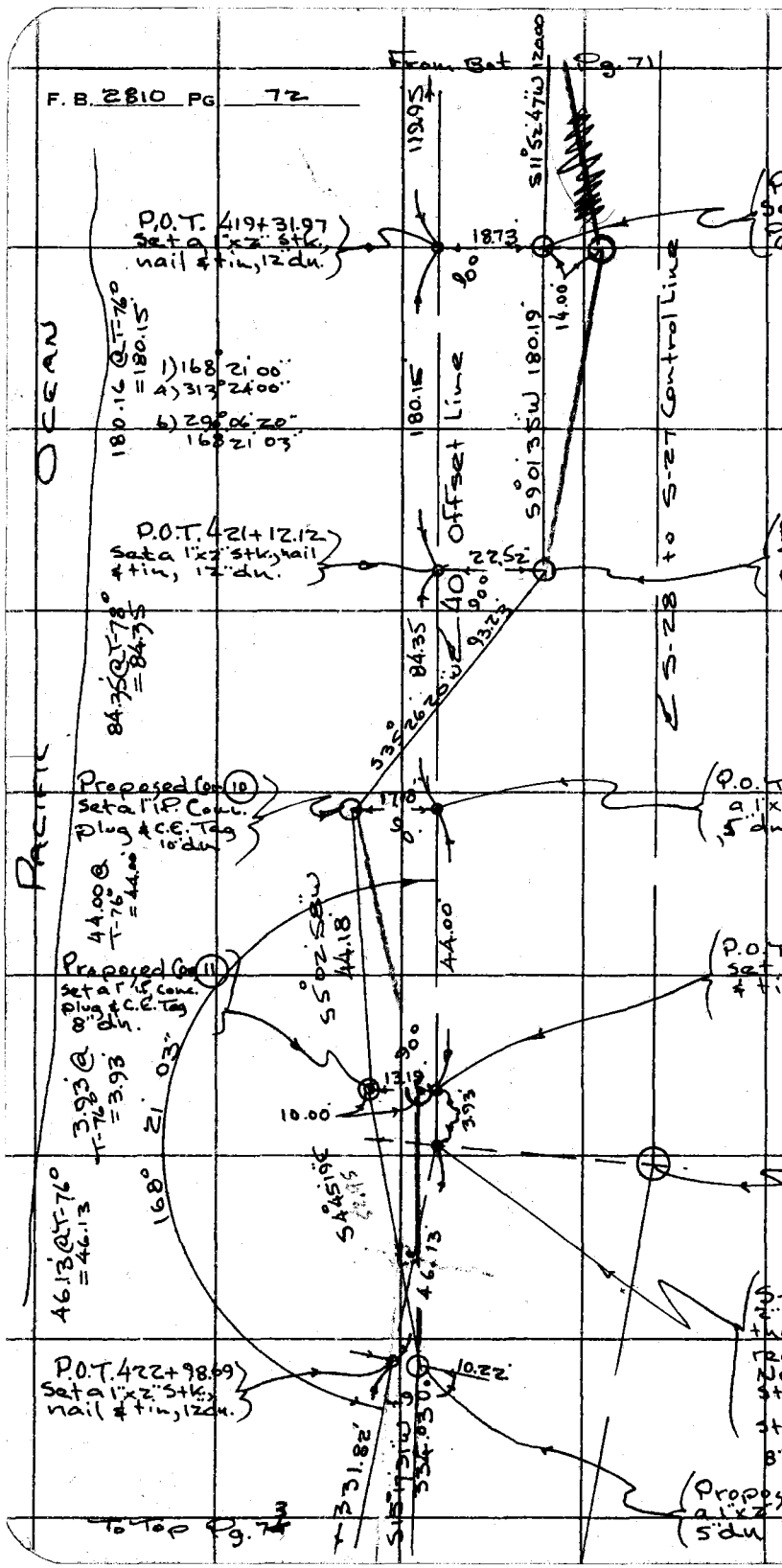
R.P. Control line
Fd. a C.E. Tag S'up in large sandstone rock. Per F.B. 2100 Pg. 38, held

Proposed Cor. (6)
Set a 1" I.P., Conc. plug & C.E. Tag, 6" dn.

Proposed Cor. (7)
Set a 1" I.P., Conc. plug & C.E. Tag, 8" dn.

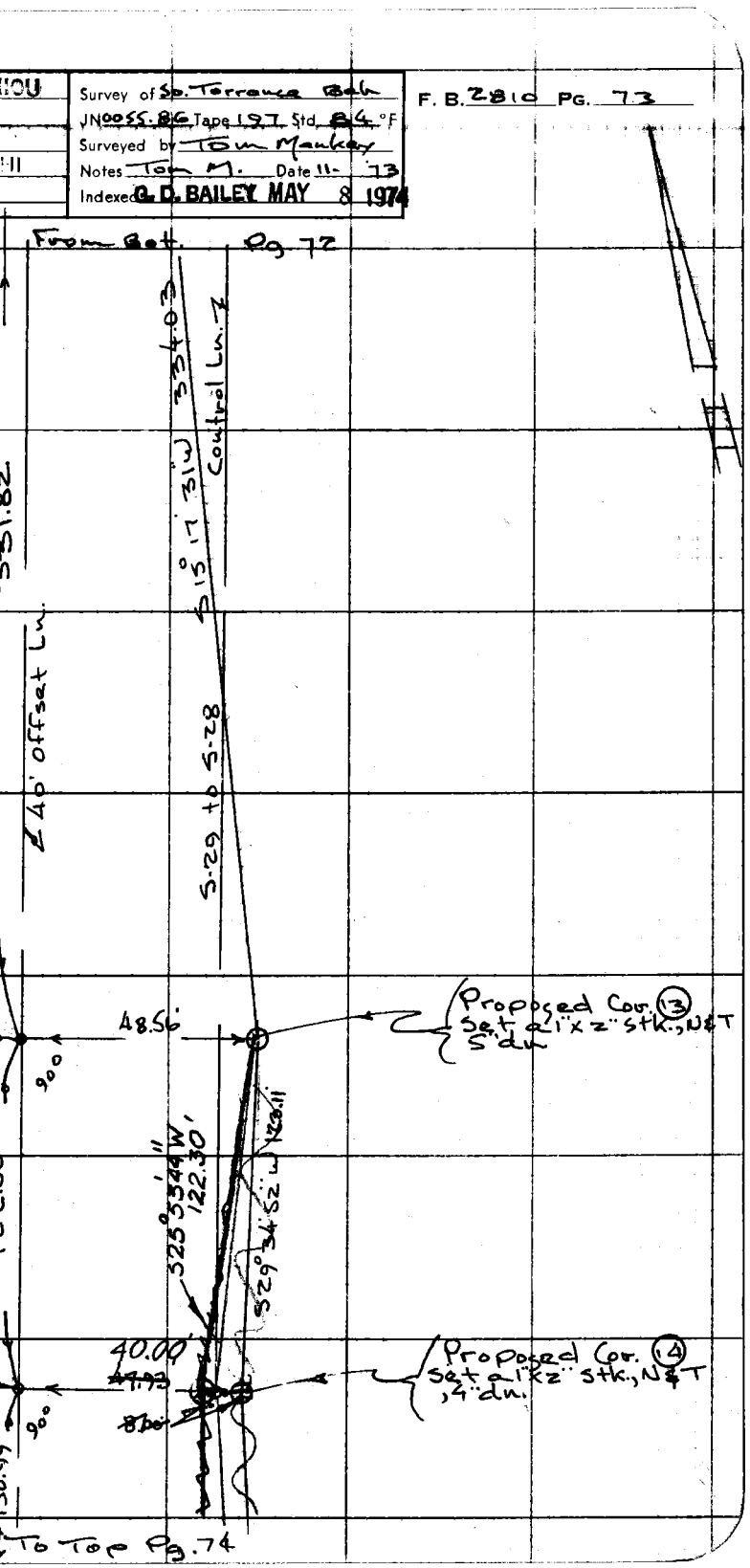
102.00'
21.00'
104.35'
S22°24'27"W
10.94'
90°
55.64'
(held)
46.60'
S22°08'36"E
39.75'
40' Offset Ln.
S 28 to S-27 Control Ln.
596.55'
Proposed Acquisition Ln.
S 11°55'11" W 596.81'
22.18'
5.00'
S11°52'47"W 120.00'
119.95'

To Top Pg. 72


F. B. 2810 PG 72
From Bat Pg. 71
PACIFIC OCEAN
P.O.T. 419+31.97
Set a 1"x2" stk, nail & tin, 12 dn.
18.73
14.00
180.15
180.19
S 11°52'47" W
S 90°13'50" W
Offset Line
to S-27 Control Line
180.16 @ T-76° = 180.15
1) 168°21'00"
2) 313°24'00"
b) 29°06'20"
168°21'03"
P.O.T. 421+12.12
Set a 1"x2" stk, nail & tin, 12" dn.
22.52
40
84.35
93.23
S 33°26'20" W
84.75 @ T-78° = 84.35
S-28
Proposed Con. 10
Set a 1" I.P. Conc. Plug & C.E. Tag 10" dn.
44.00
44.00 @ T-76° = 44.00
Proposed Con. 11
Set a 1" I.P. Conc. Plug & C.E. Tag 8" dn.
S 50°02'50" W
44.18
13.19
10.00
3.93
3.93 @ T-76° = 3.93
168°21'03"
S 45°19'06" E
46.13
46.13 @ T-76° = 46.13
P.O.T. 422+98.69
Set a 1"x2" stk, nail & tin, 12 dn.
10.22
S 15°47'50" W
331.82'
To Top Pg. 73

Survey of So. Terrance Bch
JN0055.86 Tape 1.97 Std. 84 °F
Surveyed by Tom Mankey
Notes Tom M. Date 11-73
Indexed G. D. BAILEY MAY 8 1974

F. B. 2810 PG. 73



F. B. 2810 PG 74

From P.O.T. Pg. 73

S18°52'32"W 151.20'

7.93'

Control Ln.

10.00

P.O.T. 429+03.50
Set a 1"x2" stk.
nail & tin, 16" dn.

57.93'
47.93'

90°

40' offset Ln.

5-29 to 5-28

128.89

S27°17'10"W

P.O.T. 430+76.28
Set 1"x2" stk., n.
& tin, 16" dn.

39.77'

90°

4.00'

OR

Survey of So. Torrance Beach
JN 0055.86 Tape Std. °F.
Surveyed by Tom Mankey
Notes Tom M. Date 4-30-74
Indexed G. D. BAILEY MAY 8 1974

F. B. 2810 PG. 75

J.N. 0055.86

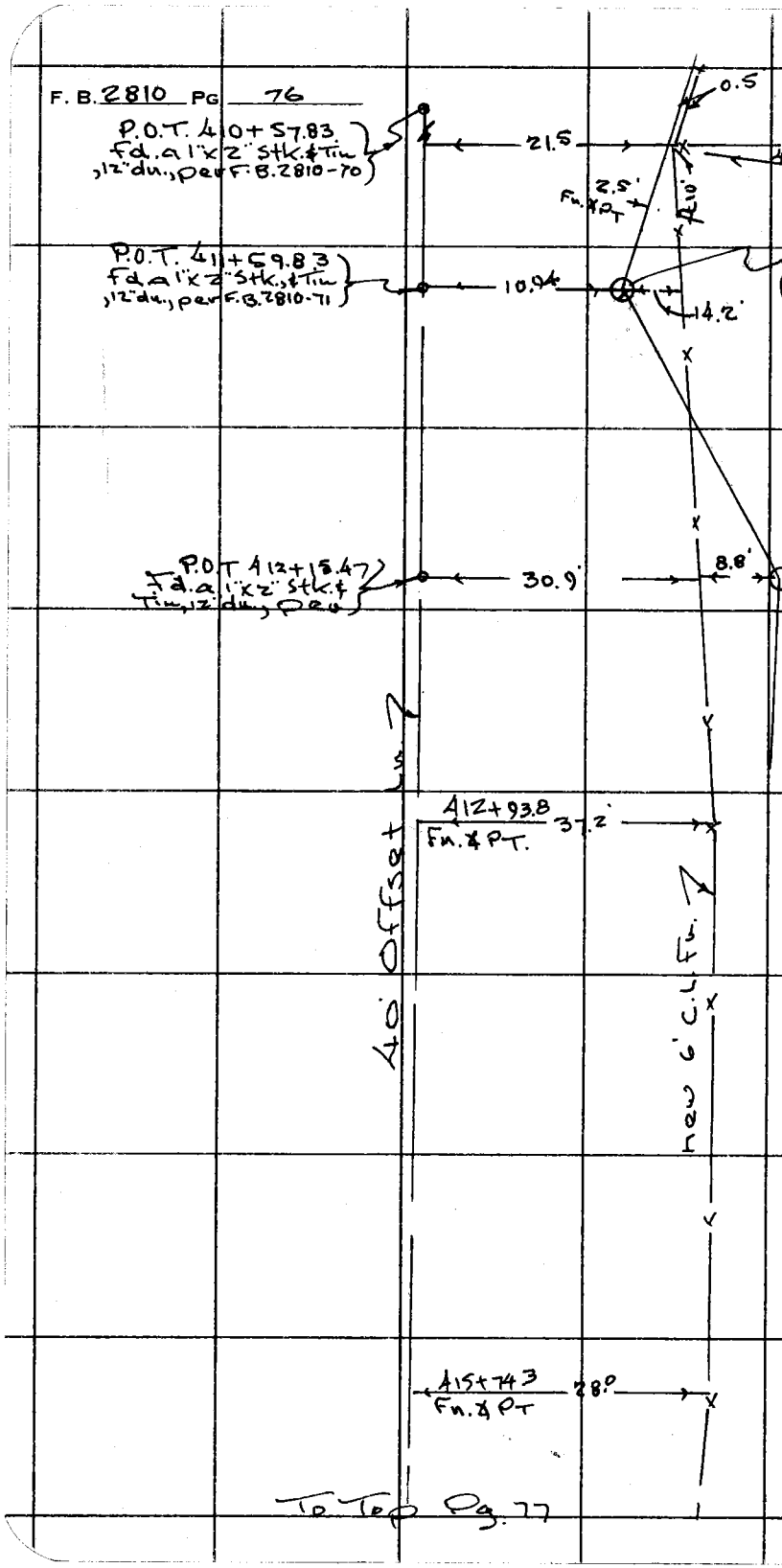
OUTH TORRANCE BEACH

ACQUISITION AREA (Survey Pg 567-74)

LOCATING NEW 6' C.L.FN.
From
TA 411+59.83 To STA. 425+14.5

Mankey
Maher
Mitchell
Rodgers

F. B. 2810 PG 76



To Top Pg. 77

NOTE

Survey of So. Torrance Bch.
JN 0055 96 Tape Std. °F.
Surveyed by Tom Manley
Notes Tom M. Date 4-30-74
Indexed G. D. BAILEY MAY 8 1974

F. B. 2810 PG. 77

Bot. Pg. 76

416+95.2 21.0'
Fn. of Pt. or B.C.

New 6' C.L.Fn.

40' Offset line

417+56.4 18.2'
P.O.C.

418+06.3 16.9
E.C.

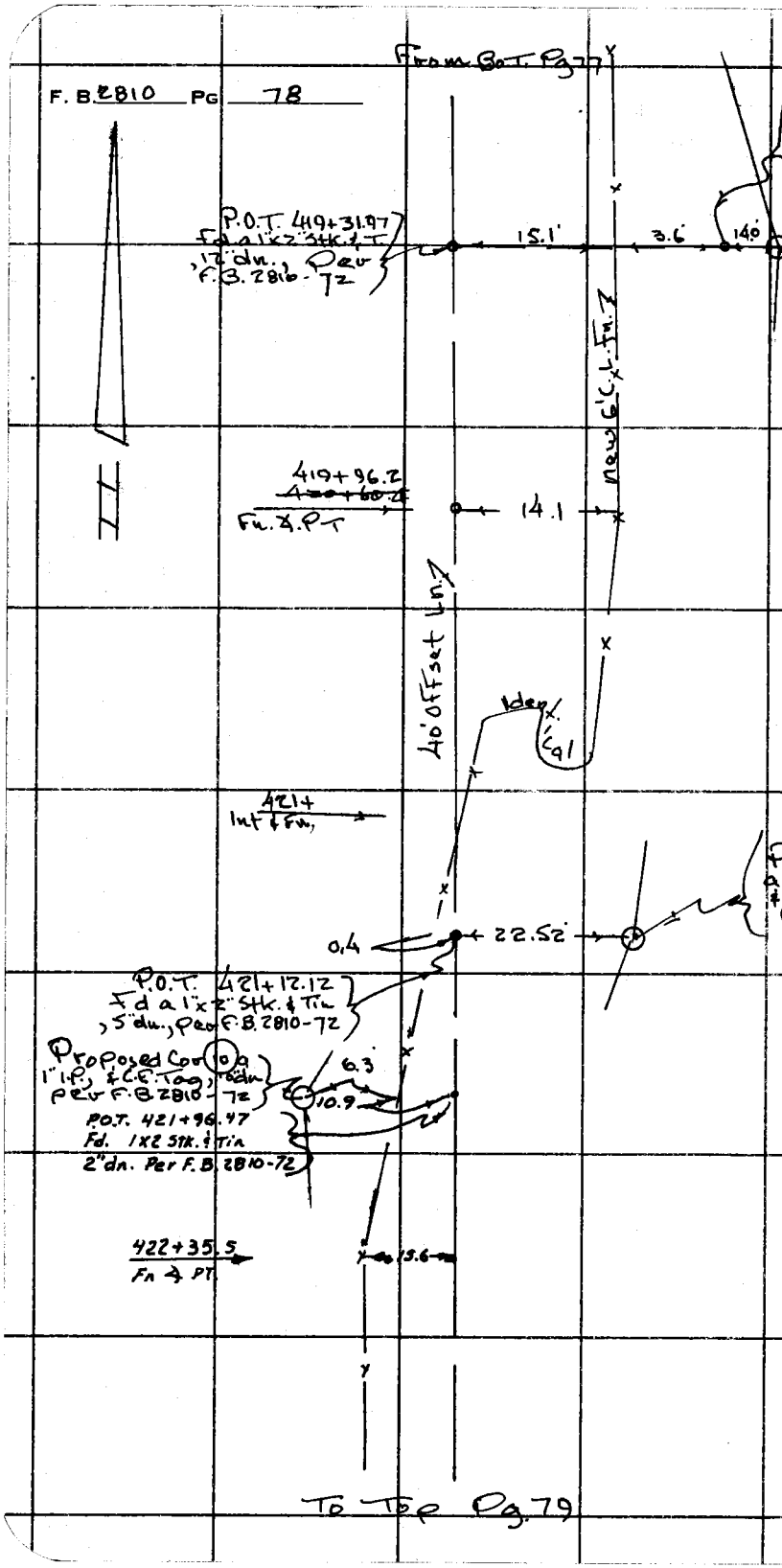
0.3'

5.0'

Proposed Cor. 7
a I.P. & C.E. tag, 8' dn. per F.B. 2810-71

Adj. Cor 7
Nothing Set F.B. 2810-71

To Top Pg. 78

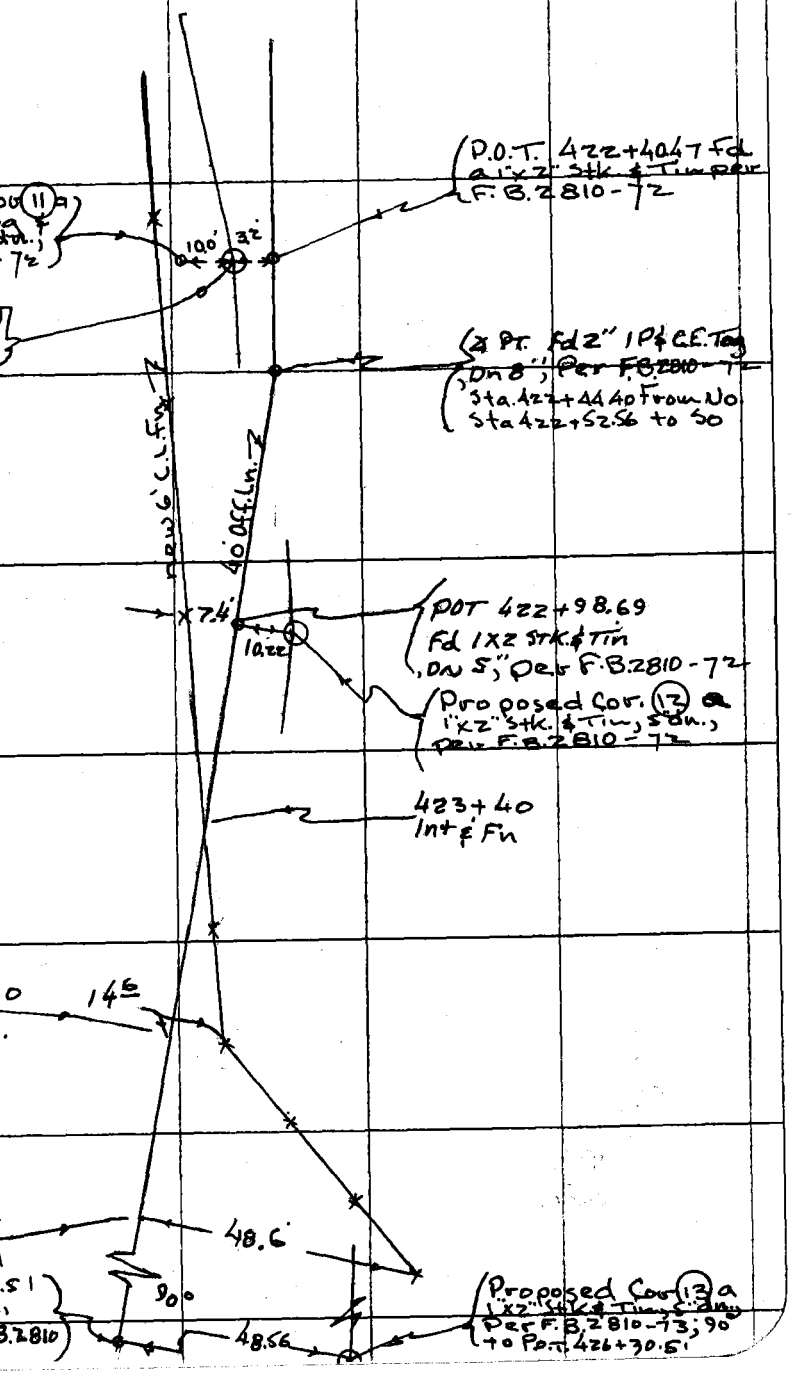

From Bot. Pg 77
F. B. 2810 PG 78
P.O.T. 419+31.97
Fd. a 1x2 Stk. & T.
12" dn., Per
F.B. 2810-72
15.1'
3.6'
14.0'
new G.C.L. Fn.
419+96.2
Fn. & PT
14.1
40' Offset Ln.
Idem
421+
Int & Fn.
0.4
22.52'
P.O.T. 421+12.12
Fd a 1"x2" Stk. & Tin
5" dn., Per F.B. 2810-72
Proposed Cor
1" I.P. & C.E. Tag
Per F.B. 2810-72
6.3
10.9
P.O.T. 421+96.47
Fd. 1x2 Stk. & Tin
2" dn. Per F.B. 2810-72
422+35.5
Fn & PT
19.6
To Top Pg. 79

OR

Survey of So. Torrance Bch
JN 00SS.86 Tape Std °F
Surveyed by Tom Mankey
Notes Tom M. Date 4.30.74
Indexed B. D. BAILEY MAY 8 1974

F. B. 2810 PG. 79

From Bot. Pg. 78



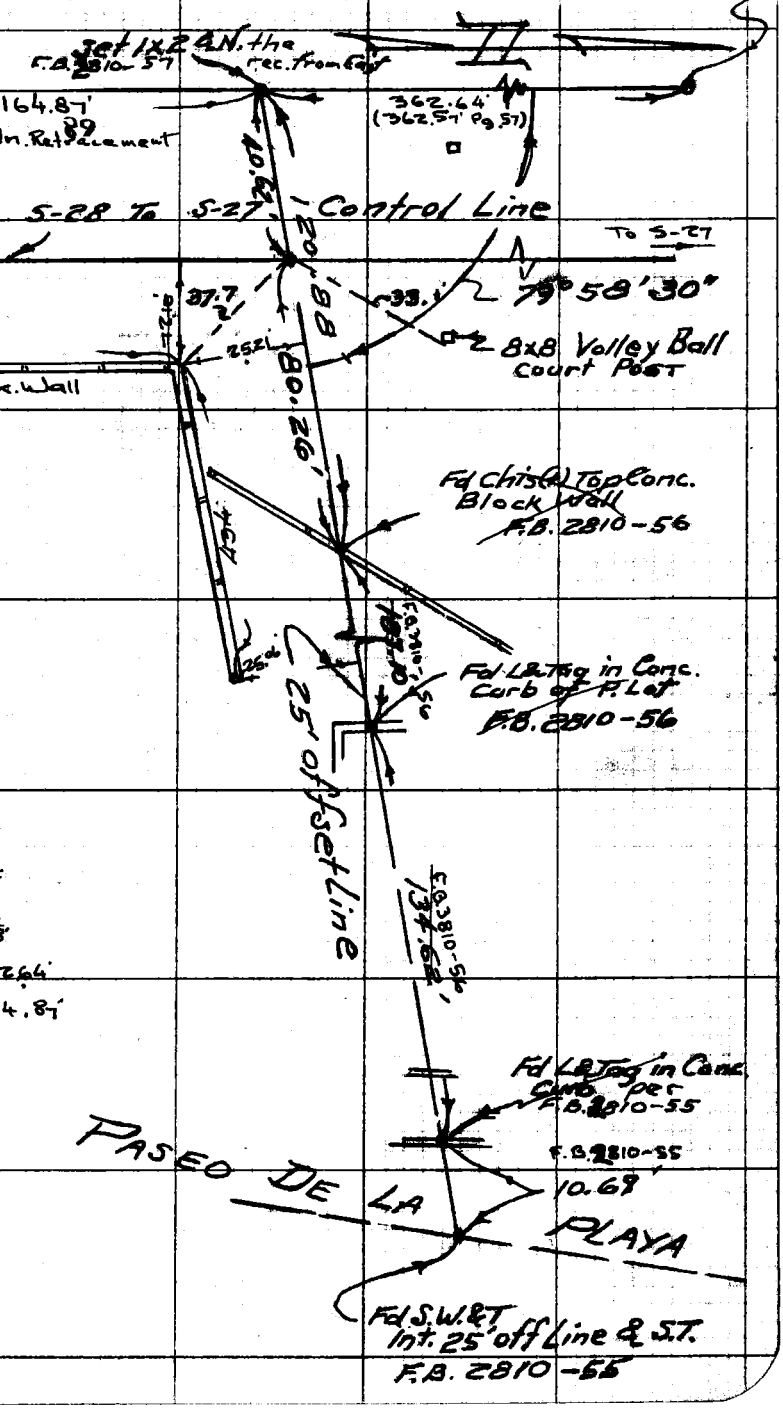
F. B. 2810 PG 80

81

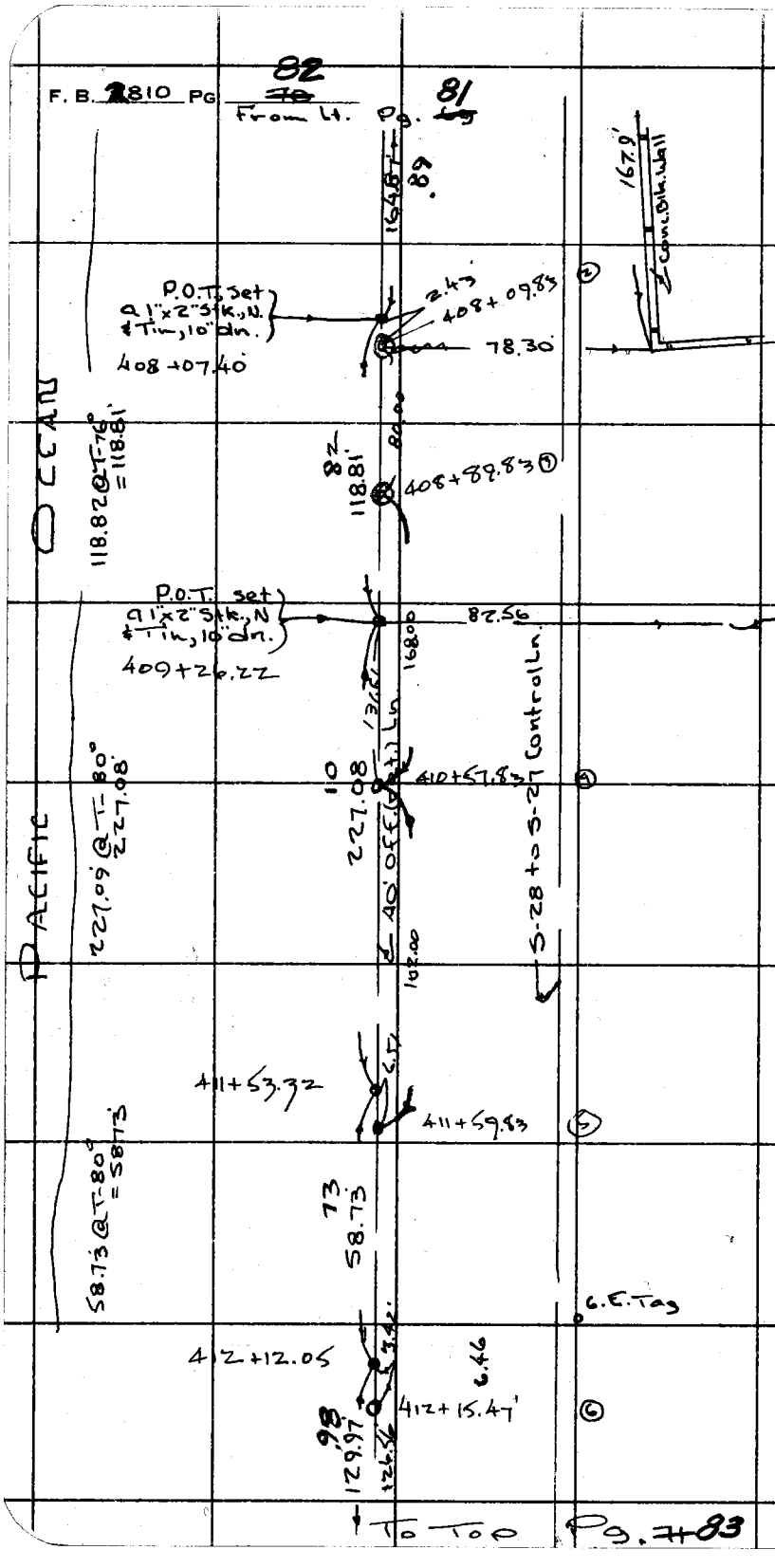
Survey of So. Torrance Bch
JN 0055.86 Tape 197 Std. 84.6 °F
Surveyed by Mankey, E.T.Jr.
Notes Stock Date 10-29-73
Indexed G. D. BAILEY MAY 8 1974

F. B. 2810 PG. ~~69~~

P.O.T. set a 1"x2" stk. & nail, 16" dn., by Ties par F.B. 2810-46
Ties check



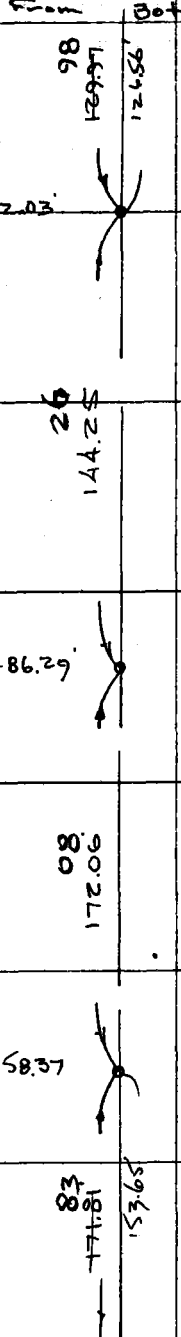
F. B. 2810 PG 82 ~~70~~ From Lt. Pg. 81 ~~69~~



Survey of So. Torrance Bch.
JN 00556 Tape 197 Std. 84 °F.
Surveyed by Tom Maulkey
Notes Tom M. Date 10. 73
Indexed G. D. BAILEY MAY 8 1974

F. B. 2 810 PG. 83

From Bot. Pg. 82



Top Pg. 84

F. B. 2810 PG 84 ~~92~~

From Bot. Pg

83
177.81
153.65

418+12.02 (7)

418+30.20

173.85' @ T=80° = 173.85'

87
173.85'
119.95

419+31.97 (8)

~~420+04.07~~

72.10
108.05
180.15

177.89' @ T=80° = 177.89'

91
177.89'

(9)

421+81.98

14.49
84.75

421+96.47 (10)

66.50'

66.50'

25.1
-10.9
14.2

Survey of Redondo Beach
JN 0303.00 Tape 04 Std 68 °F
Surveyed by English
Notes Ed. Date 9-76
Indexed

F. B. 2810 Pg. ~~100~~ 101

REDONDO BEACH
WALKWAY - SOUTH
OF KING HARBOR

J.N. 0303.00

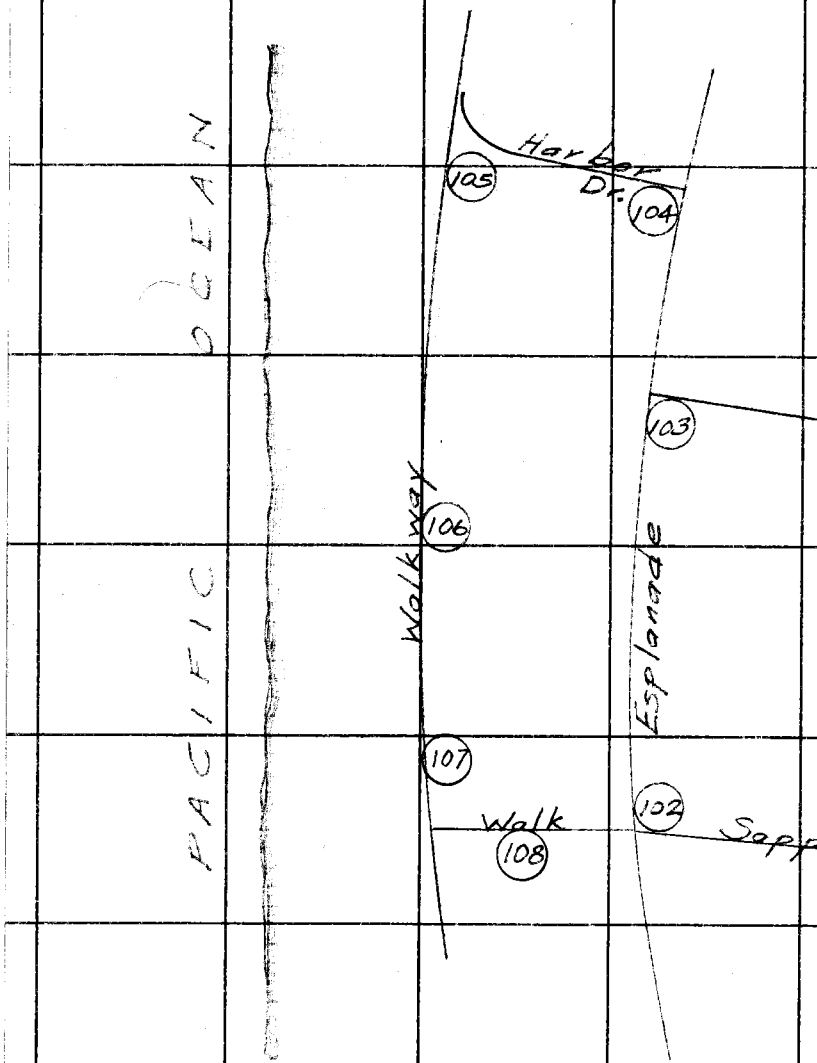
Property Line Survey
to determine ownership
of Walkway.

Sept. 28, 1976.
English
Coro
Stroud
Bradley

32
33.

F. B. 2810 PG ~~104~~ 102

INDEX MAP



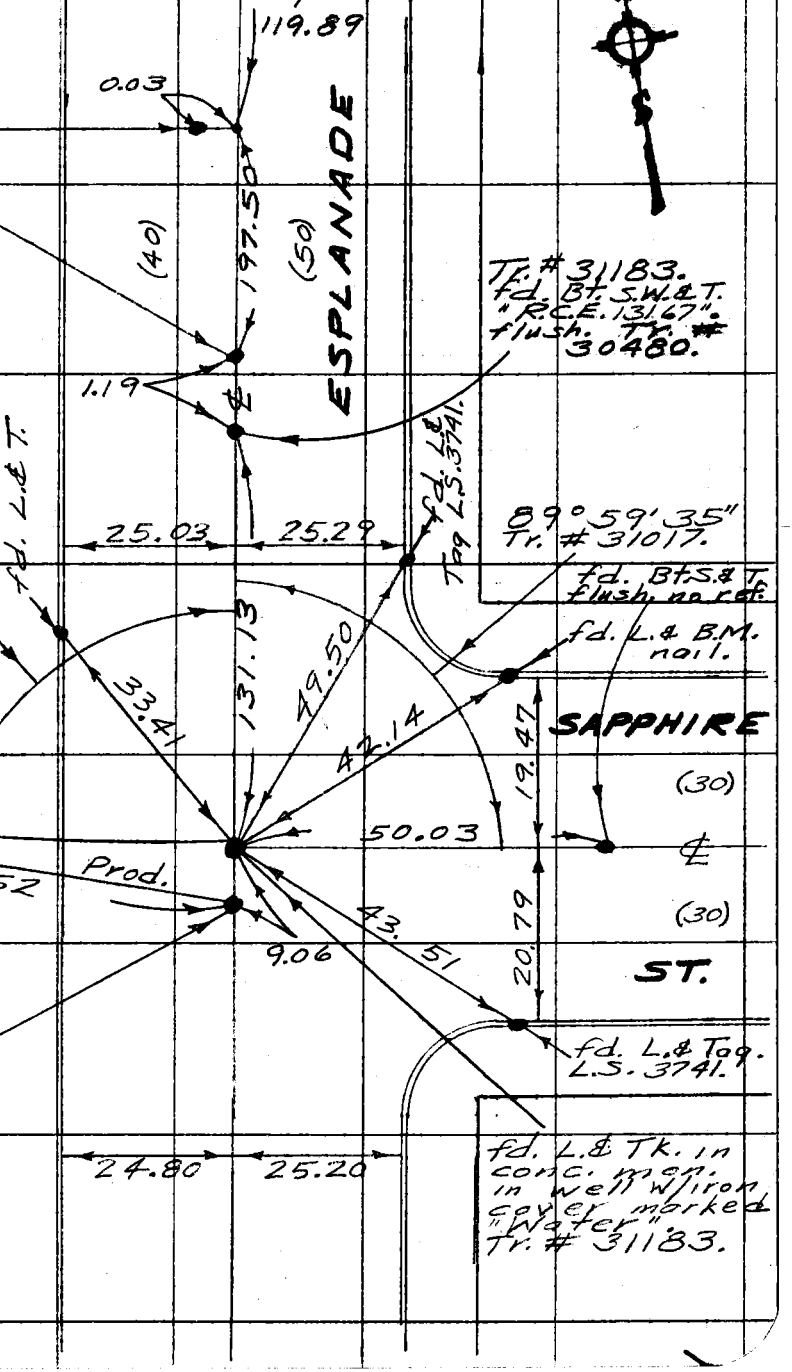
SUE

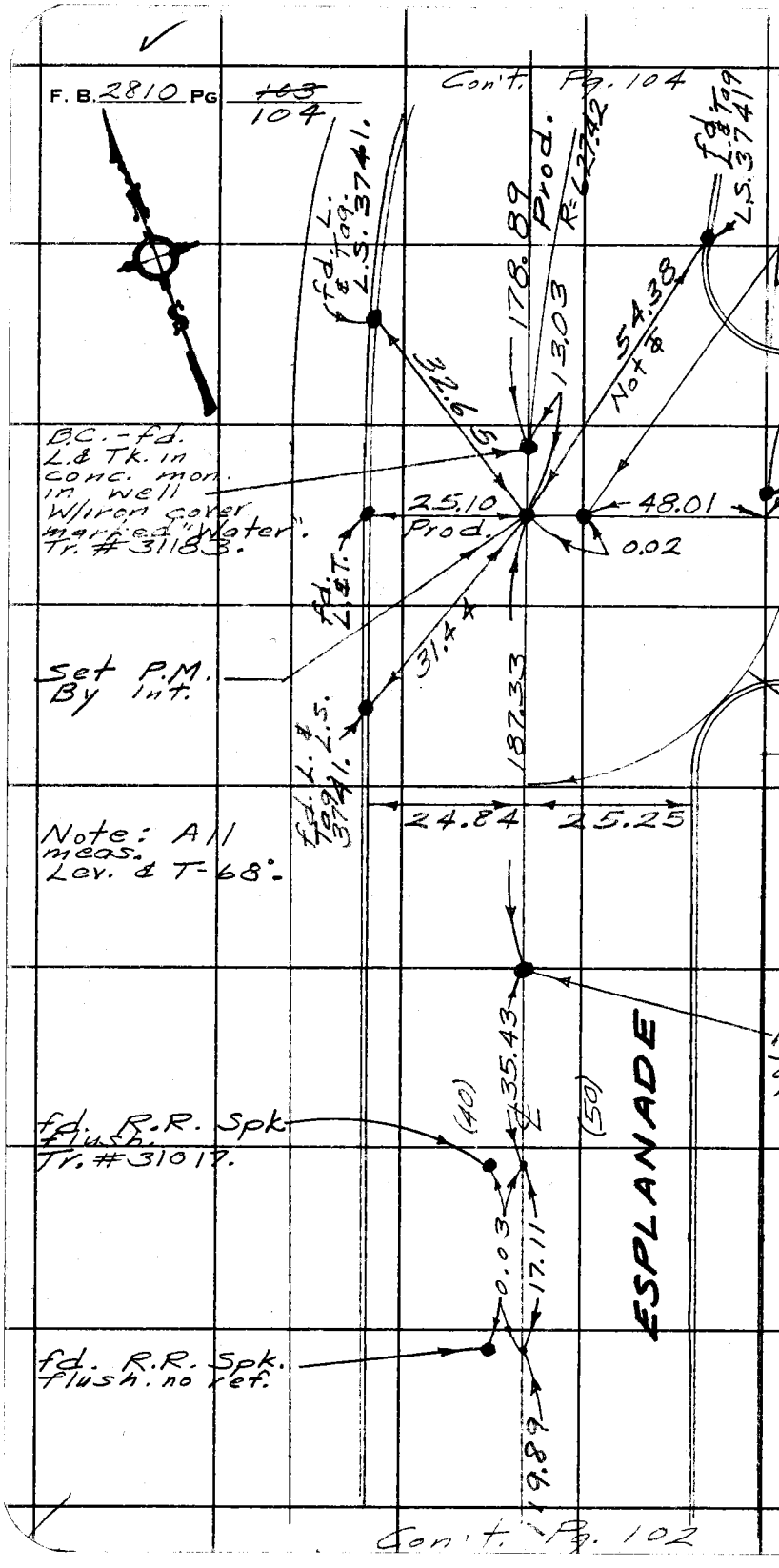
Survey of Redondo Beach
JN 2303.00 Tape 04 Std. 68 °F
Surveyed by English
Notes Ed. Date 9-76
Indexed L. M. PALMER OCT 8 1976

F. B. 2810 PG. ~~102~~ 103

Note: All meas. Lev. & T-68°

Con't. Pg. 103



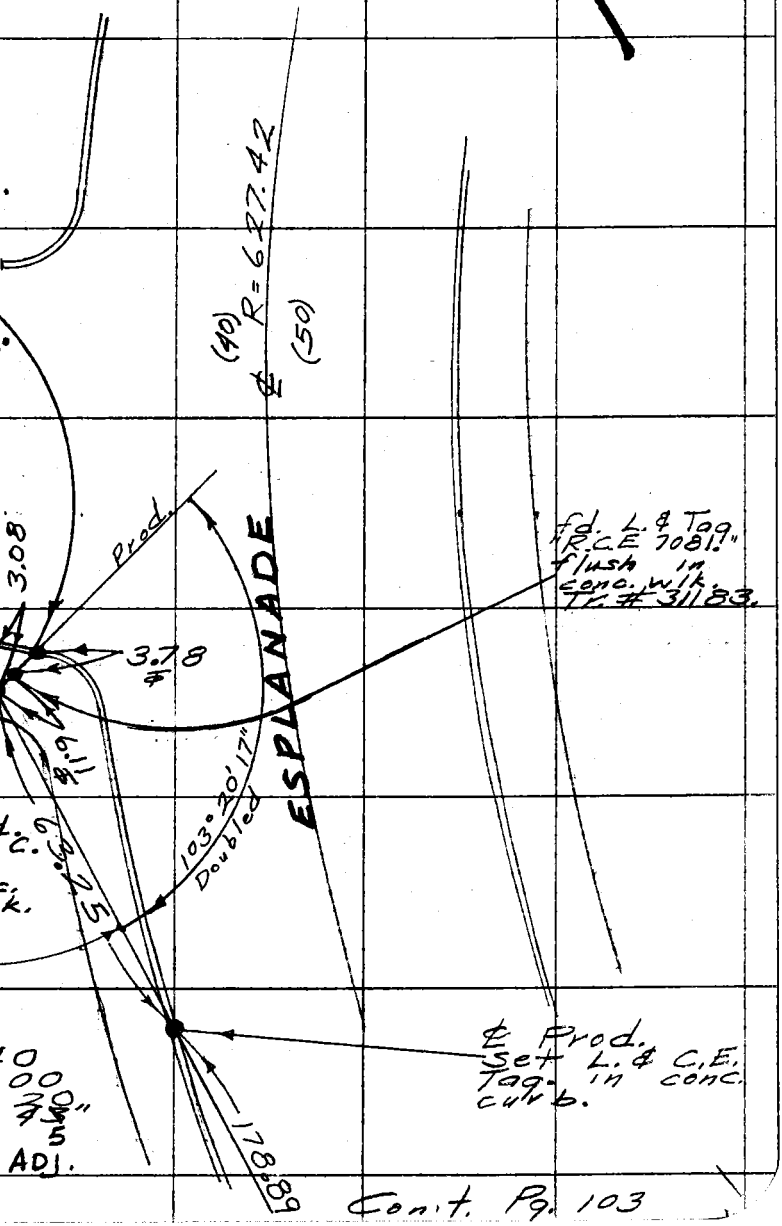

F. B. 2810 PG ~~103~~ 104
Con't. Pg. 104
fd. L. & Tk. L.S. 3741.
178.89 Prod.
R=627.42
fd. L. & Tk. L.S. 3741
32.66
13.03
54.38
Not ⊥
BC.-fd. L.& Tk. in conc. mon. in well W/iron cover marked "Water". Tr. #31183.
25.10 Prod.
48.01
0.02
fd. L.& T.
31.4
Set P.M. By Int.
187.33
fd. L. & T. L.S. 3741.
24.84
25.25
Note: All meas. Lev. & T-68.
35.43
(40)
(50)
ESPLANADE
fd. R.R. Spk. Flush. Tr. #31017.
0.03
17.11
fd. R.R. Spk. Flush. no ref.
19.89
Con't. Pg. 102

SUB

Survey of Redondo Beach
JN 030508 Tape 04 Std. 68 °F
Surveyed by English
Notes Ed. 9-76 Date
Indexed T. M. PALMERI OCT 6 1978

F. B. 2810 Pg. ~~104~~ 105

Note: All meas. Level & T=68°.



Con't. Pg. 103

F. B. 2810 PG 106 ~~105~~

Note: All meas.=Lev. & T-68°.

Set L.& C.E. Tag in conc.

T line Set Bt. S.W.& T. flush.

P.O.T.

5.69

Prod.

4.30

Prod.

Pacific Ocean

T line Set L.& C.E. Tag.

Set Bt. S.W.& T. flush.

3.00

6.86

T line.

10.12

P.O.T.

57.59 R.& M

5.47

fd. C.S. mon. flush in conc. block. Tr. #31183. marked as shown.

COUNTY SURVEYOR MONUMENT

C.S.B.-532-1

67.0

26.2

46.0

32.2

1-93 34 30.00
14-1 20 37.35
6-93 34 37.35
Av.

T line = 01°45'10.5"

Bushes on line

West Line of Blk. 215 Redondo Beach M. R. 22-70 Per. Tr. #31183.

Conc. edge

P.M. Walk

Conc. Drain

82.8

32.80

1.3

7.4

27.9

1.5

132.0

T-line

West line 215 Redondo Beach M Per. Tr.

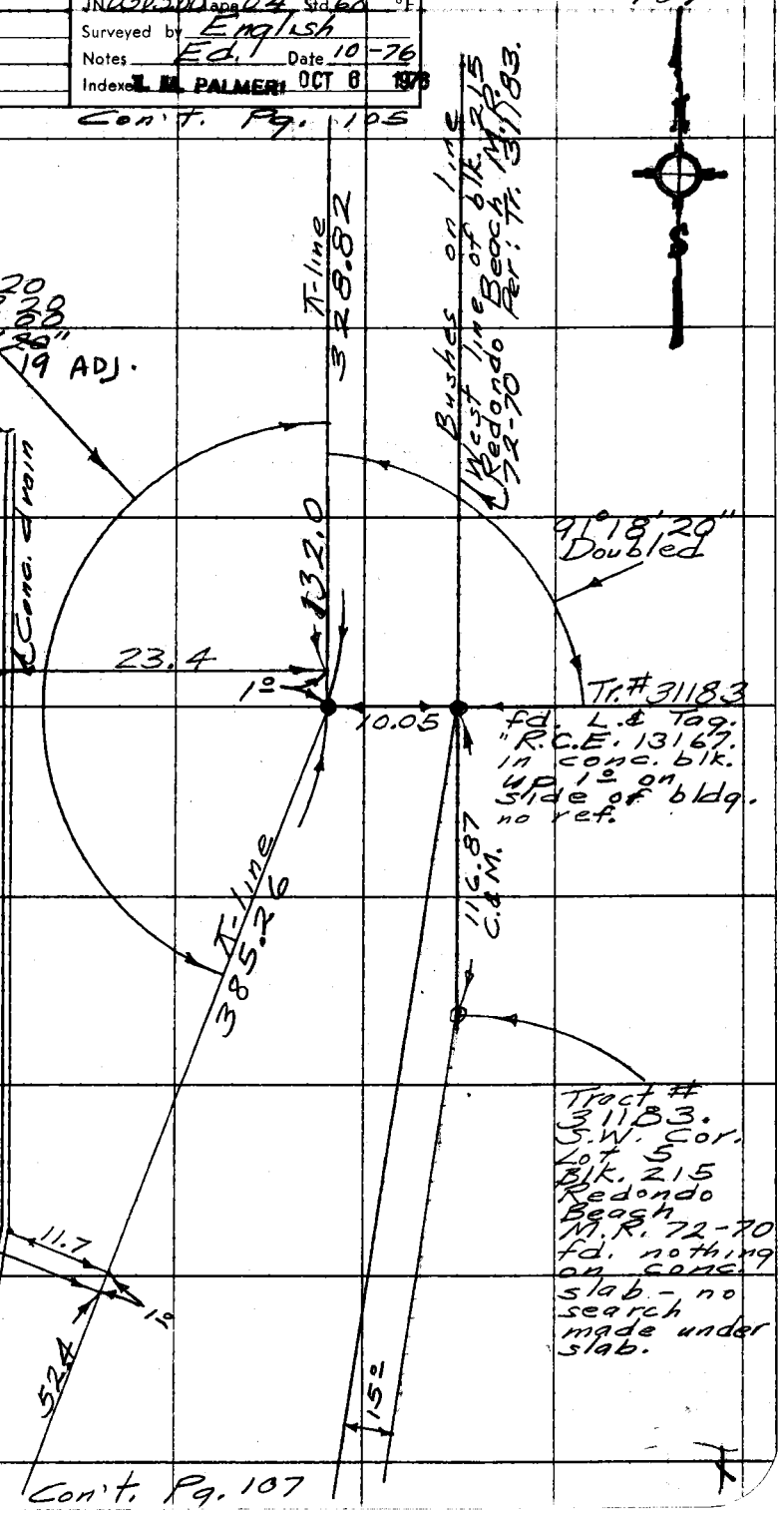
Con't. Pg. 106

UB

Survey of Redondo Beach
JN 030300 Tape 04 Std. 68 °F
Surveyed by English
Notes Ed. Date 10-76
Index L. M. PALMER OCT 8 1976

F. B. 2810 PG. ~~106~~ 107

Con't. Pg. 105

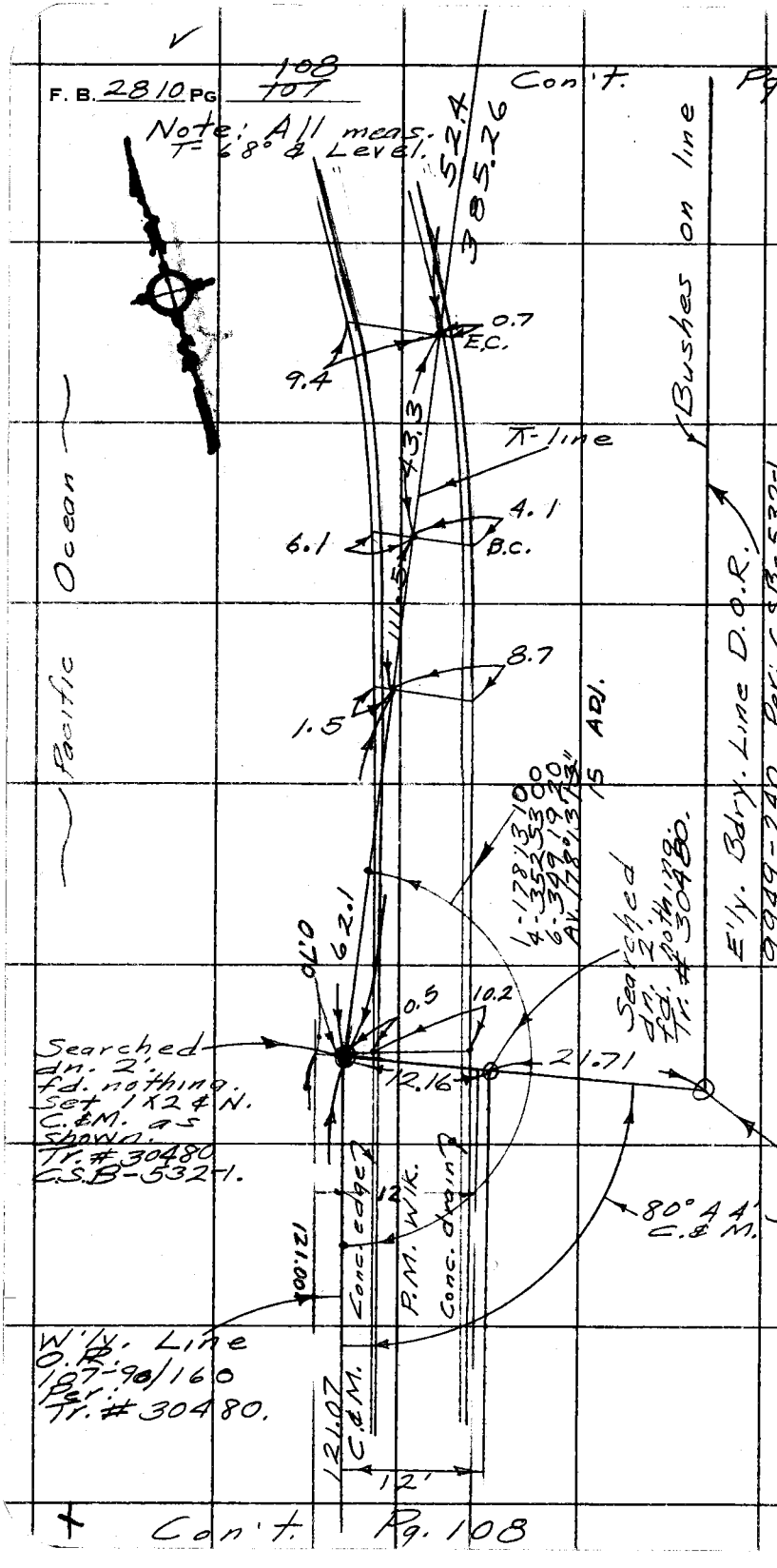


Con't. Pg. 107

F. B. 2810 PG 108/107

Con't.

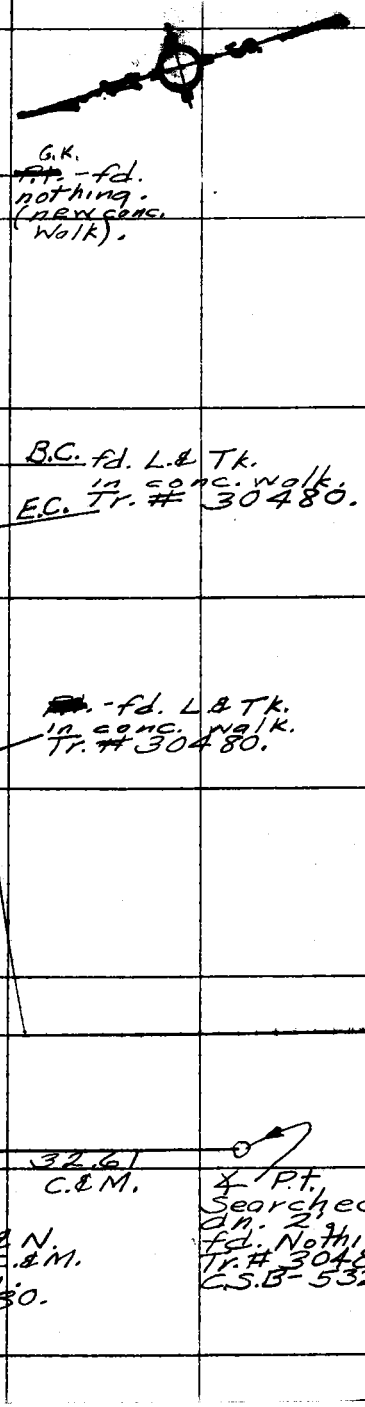
Note: All meas. T = 68° & Level.



Survey of Redondo Beach
JN 0303.00 Page 04 Std. 68 °F
Surveyed by English
Notes Ed. Date 9-1-76
Indexed L. M. PALMERI OCT 8 1976

F. B. 2810 PG. ~~108~~ 109

Con't. Pg. 102



F. B. 2810 PG ~~109~~ 110

Survey of Esplanade
JN 0303.00 Tape 015 Std 68 °F
Surveyed by English
Notes Ed. 1 Date 5-24-77
Indexed

F. B. 2810 PG. 111

ITY OF REDONDO
EACH - ESPLANADE

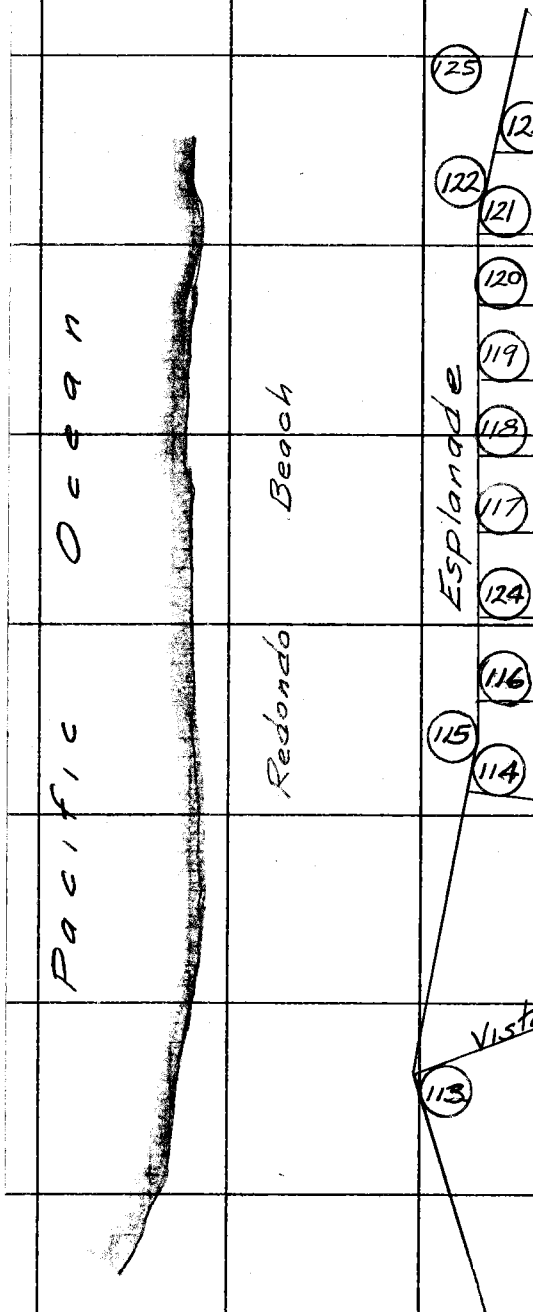
J.N. 0303.00

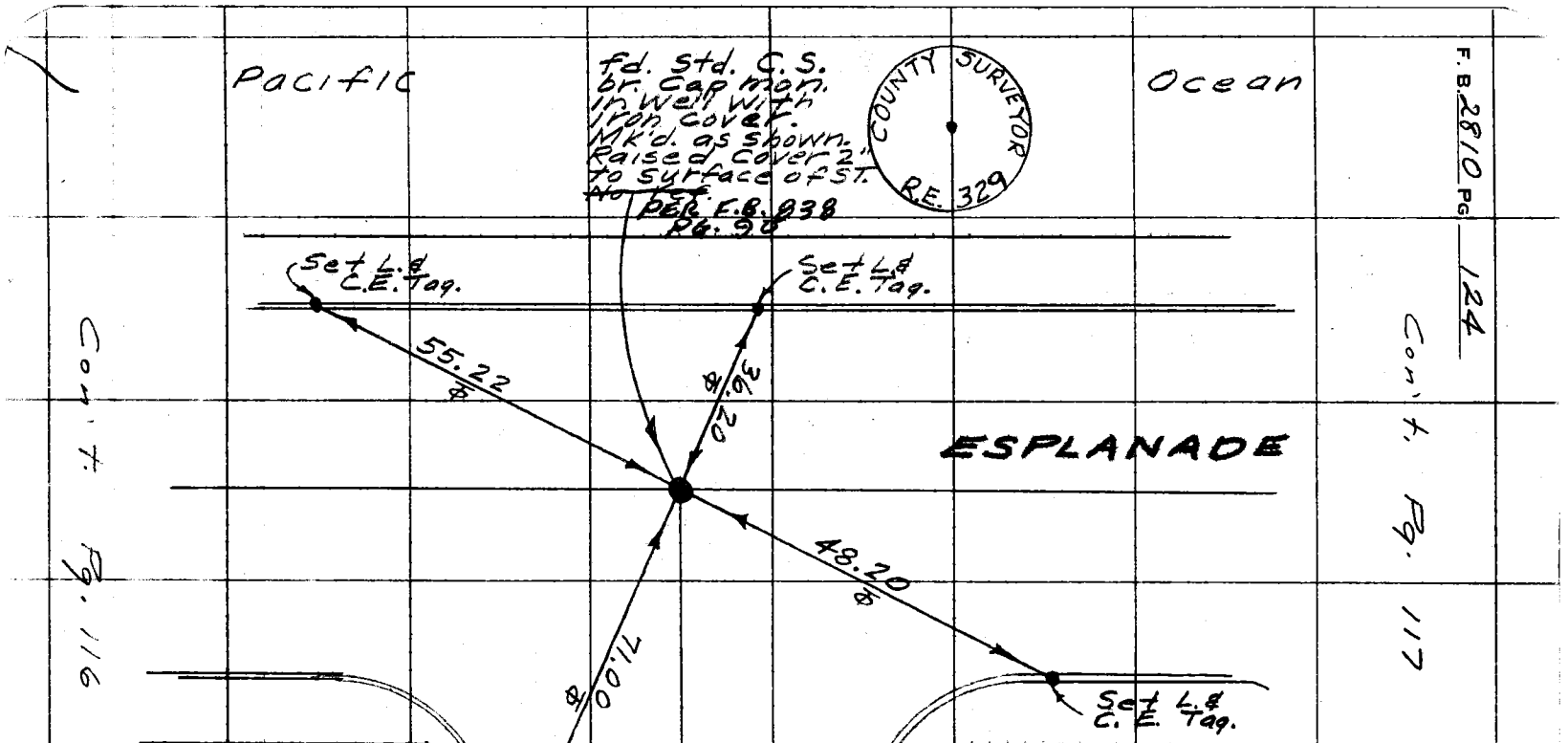
enterline Ties and
epair of monument
overs.

May 24, 1977
English
Caro
Stroud
Bradley

F. B. 2810 PG 112

INDEX M



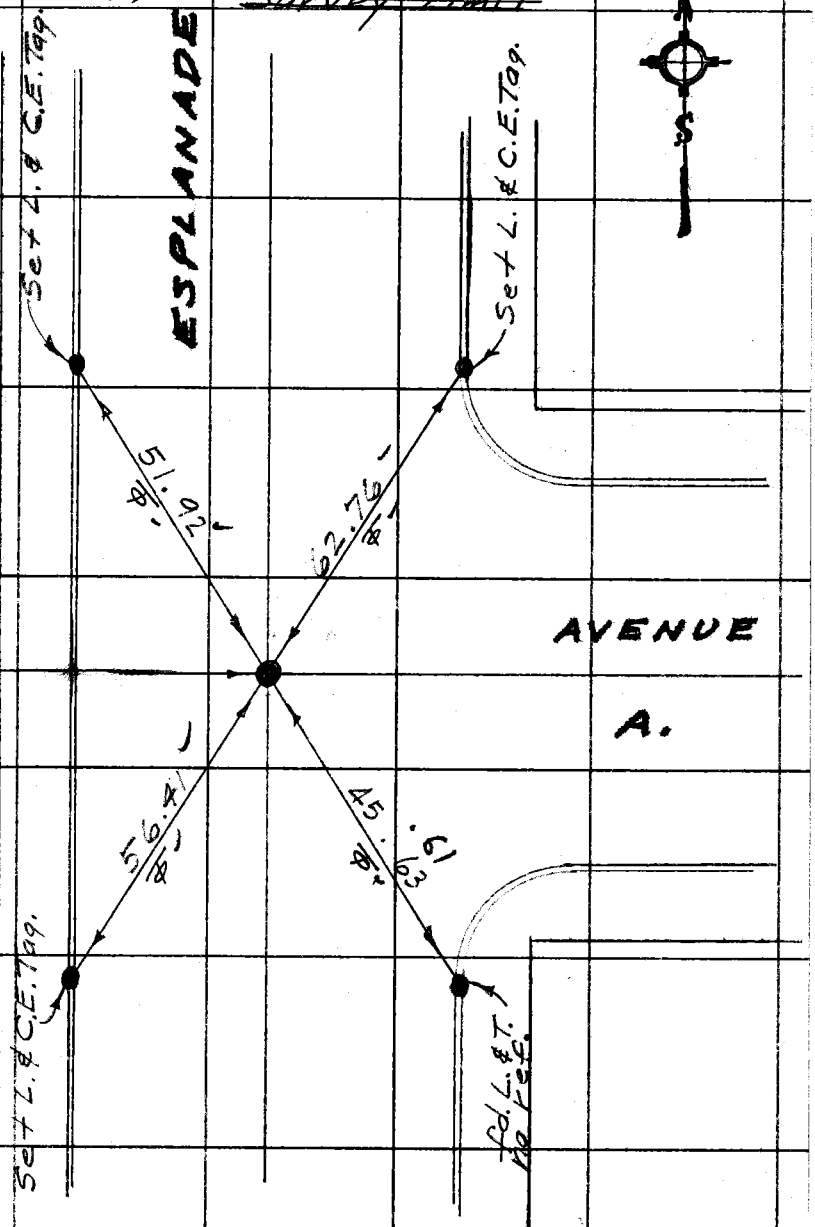

Pacific
Ocean
Fd. Std. C.S.
Br. Cap mon.
In Well With
Iron Cover.
Mk'd. as shown.
Raised Cover 2"
to Surface of ST.
~~No ST.~~
PER. F.B. 938
Pg. 90
COUNTY SURVEYOR
R.E. 329
Set L.&
C.E. Tag.
Set L.&
C.E. Tag.
55.22
36.20
ESPLANADE
48.20
71.00
Set L.&
C.E. Tag.
F.B. 2810 PG. 124
Con't. Pg. 117
Con't. Pg. 116

SAPPELL

Survey of Esplanade
JN 0303.00 Tape 015 Std 68 °F
Surveyed by English
Notes Ed Date 5-77
Indexed G. D. BAILEY JUN 7 1977

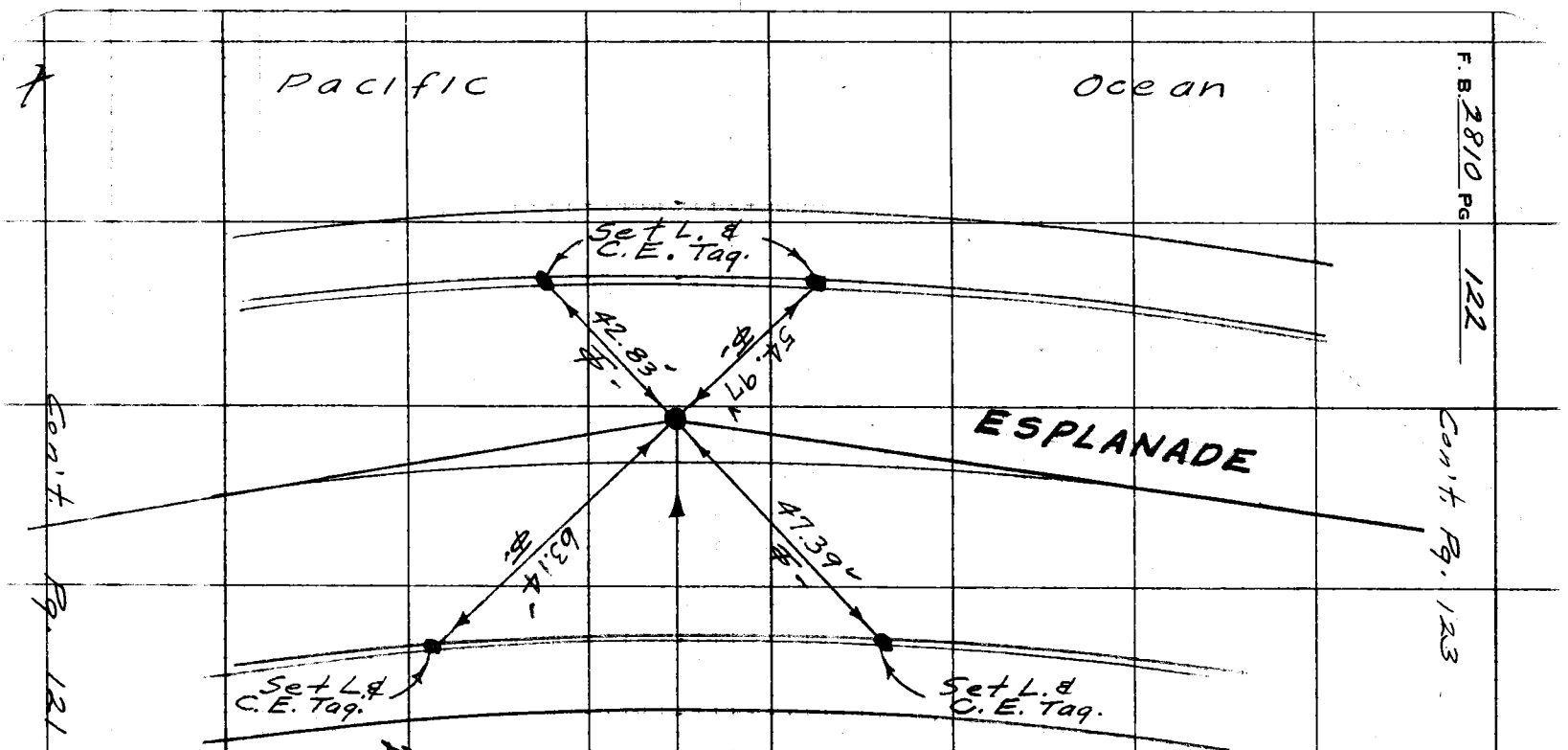
F. B. 2810 PG. 123

PG. 125 ~~Survey Limit~~



Con't. Pg. 122

Con't Pg. 123



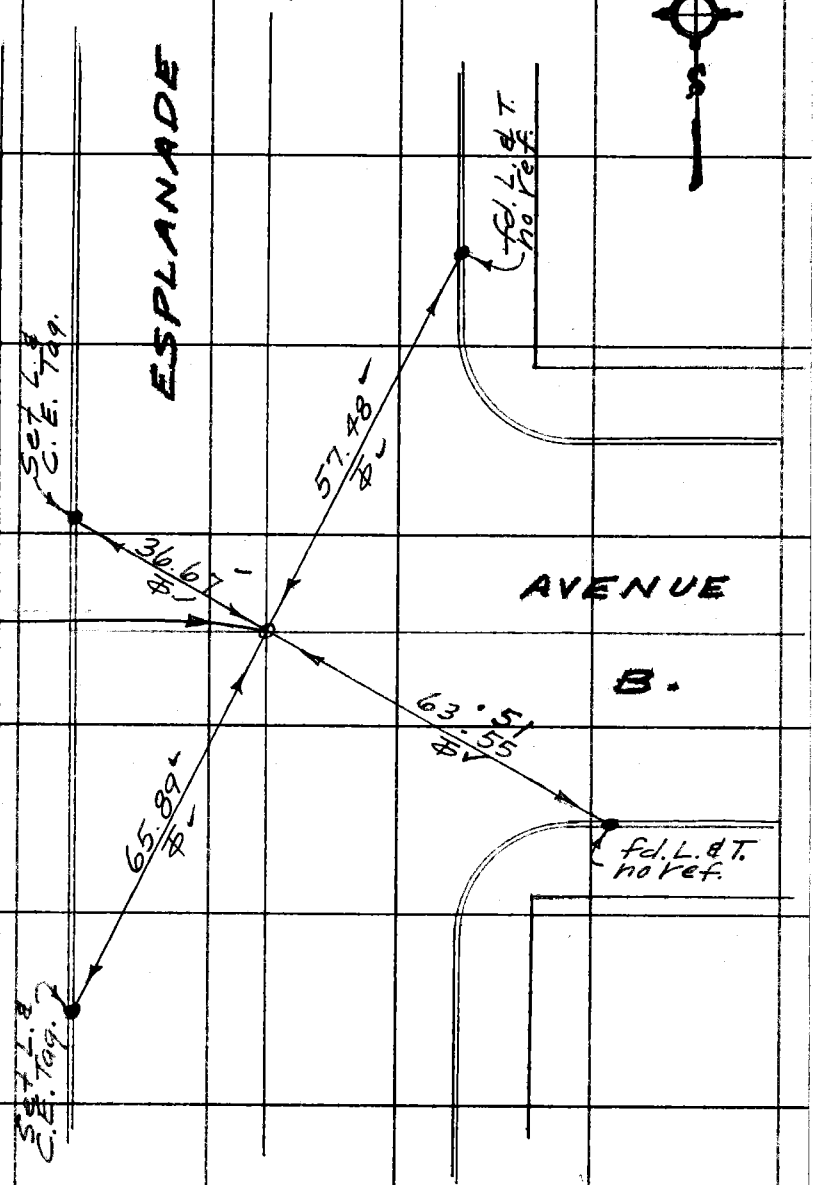
Con't Pg. 121

SAPPELL

Survey of Esplanade
JN 0303.00 Tape 015 Std 68 °F
Surveyed by English
Notes Ed. Date 5-77
Indexed G. D. BAILEY JUN 7 1977

F. B. 2810 PG. 121

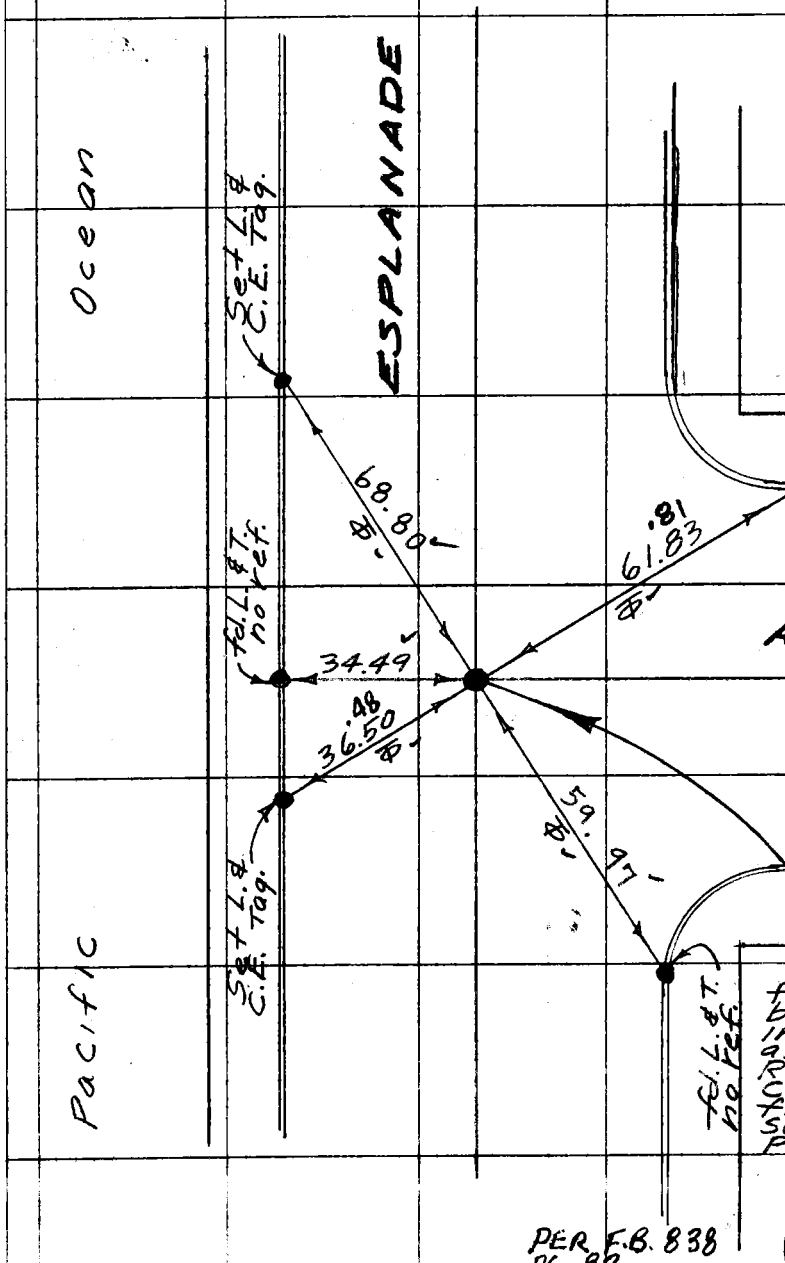
Con't. Pg. 122



Con't. Pg. 120

F. B. 2810 PG 120

Con't. Pg. 121

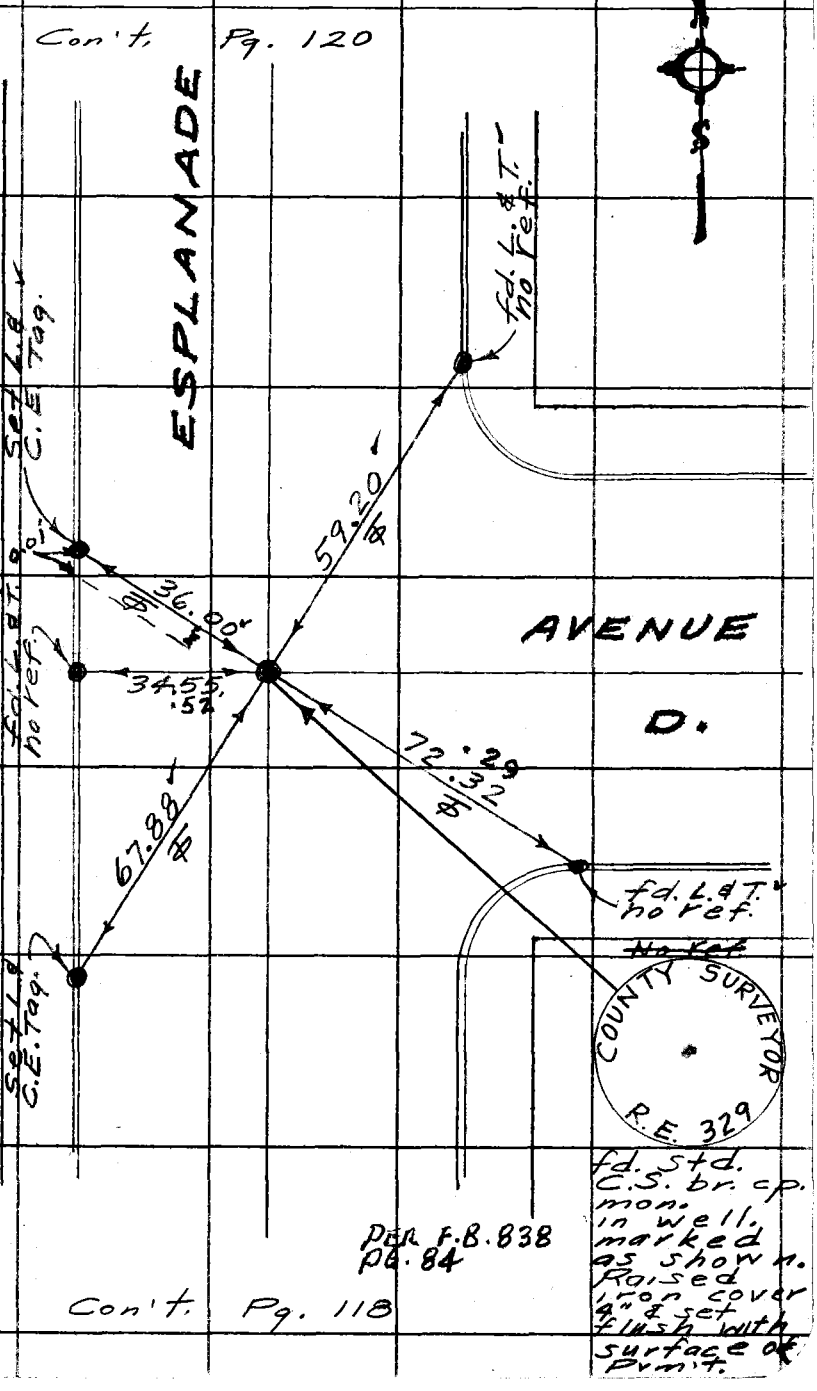


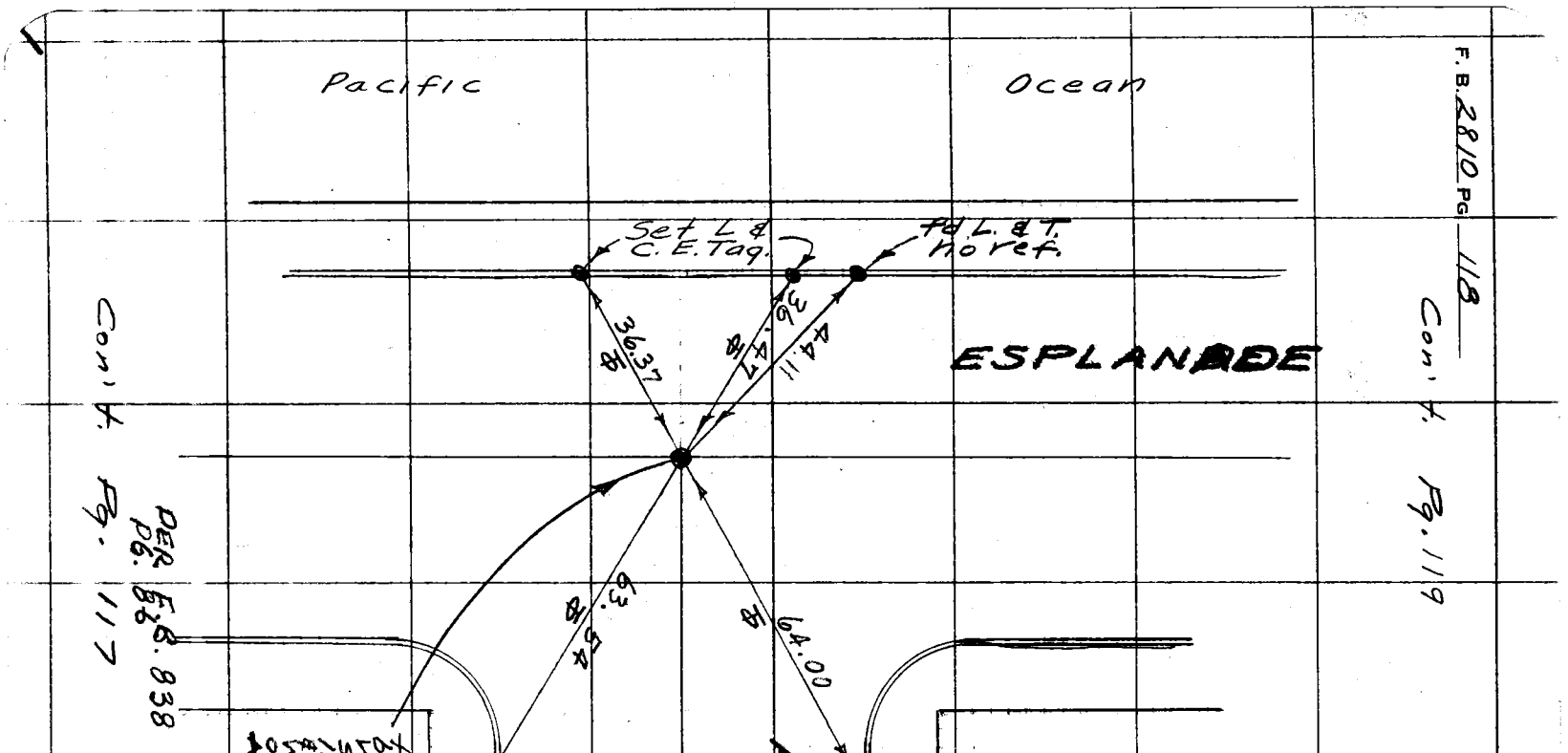
Con't. Pg. 119

ARPELL

Survey of Esplanade
JN 0303.00 Tape 015 Std 68 °F
Surveyed by English
Notes Ed. Date 5-77
Indexed G. D. BAILEY JUN 7 1977

F. B. 2810 PG. 119



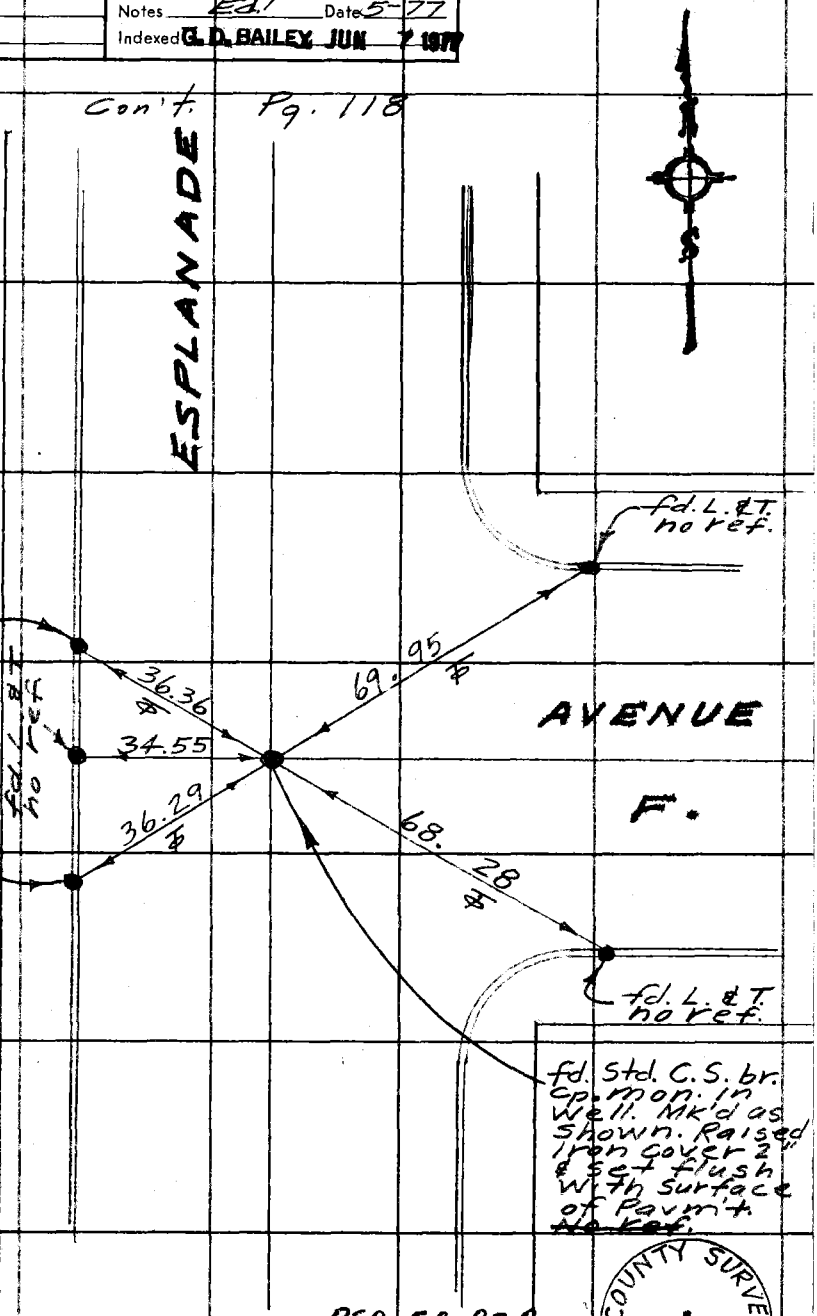

Pacific
Ocean
Set L.&
C.E. Tag.
Fd L.&T.
no ref.
36.37
26.47
44.11
ESPLANADE
53.18
64.00
Con't. Pg. 117
Con't. Pg. 119
F.B. 2810 PG. 118
DER 58.838
PG. 58

SAPPELL

Survey of Esplanade
JN 0303.00 Tape 015 Std 68 °F
Surveyed by English
Notes Ed. Date 5-77
Indexed G. D. BAILEY JUN 7 1977

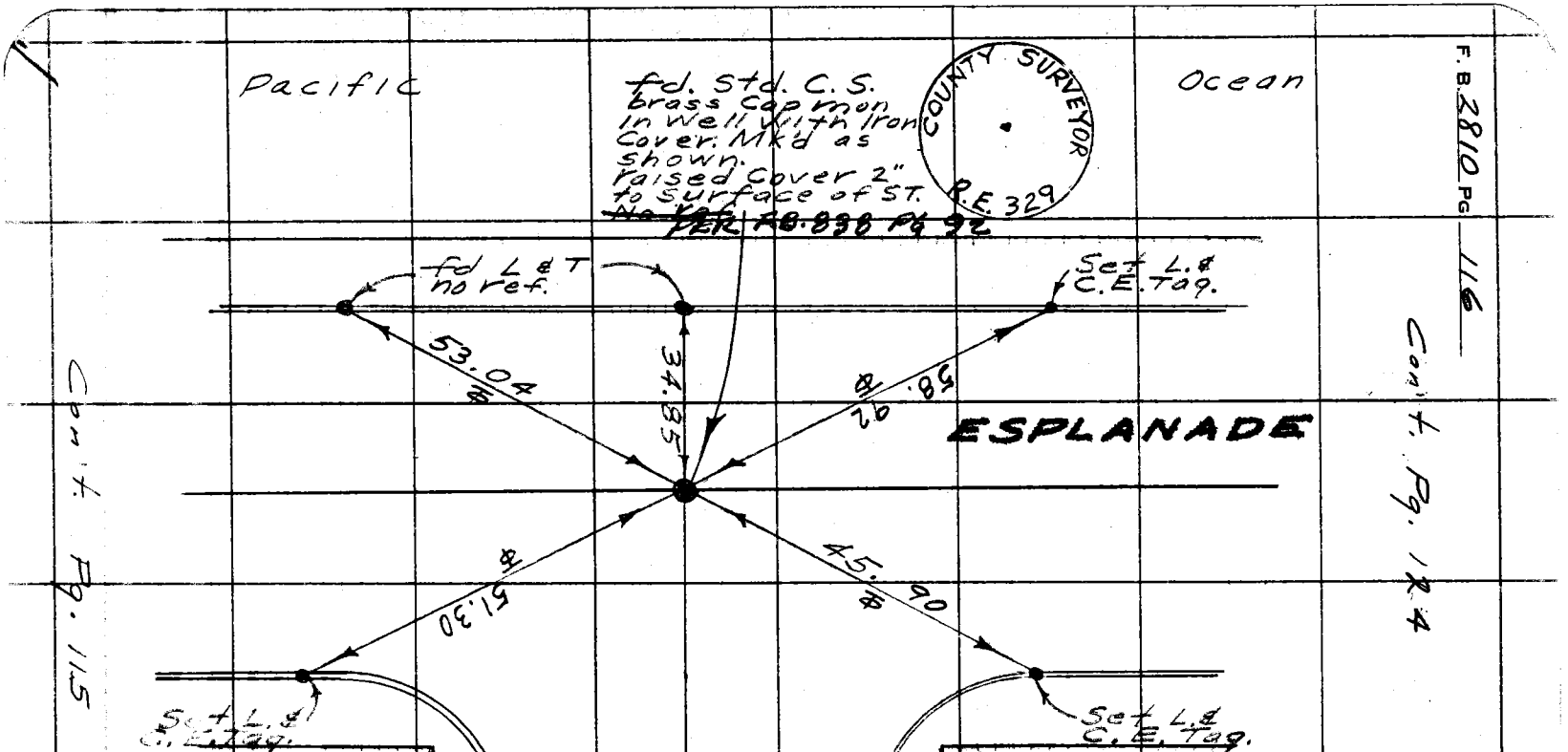
F. B 2810 Pg. 117

Con't. Pg. 118



PER F.B. 838 PG. 88

Con't. Pg. 124

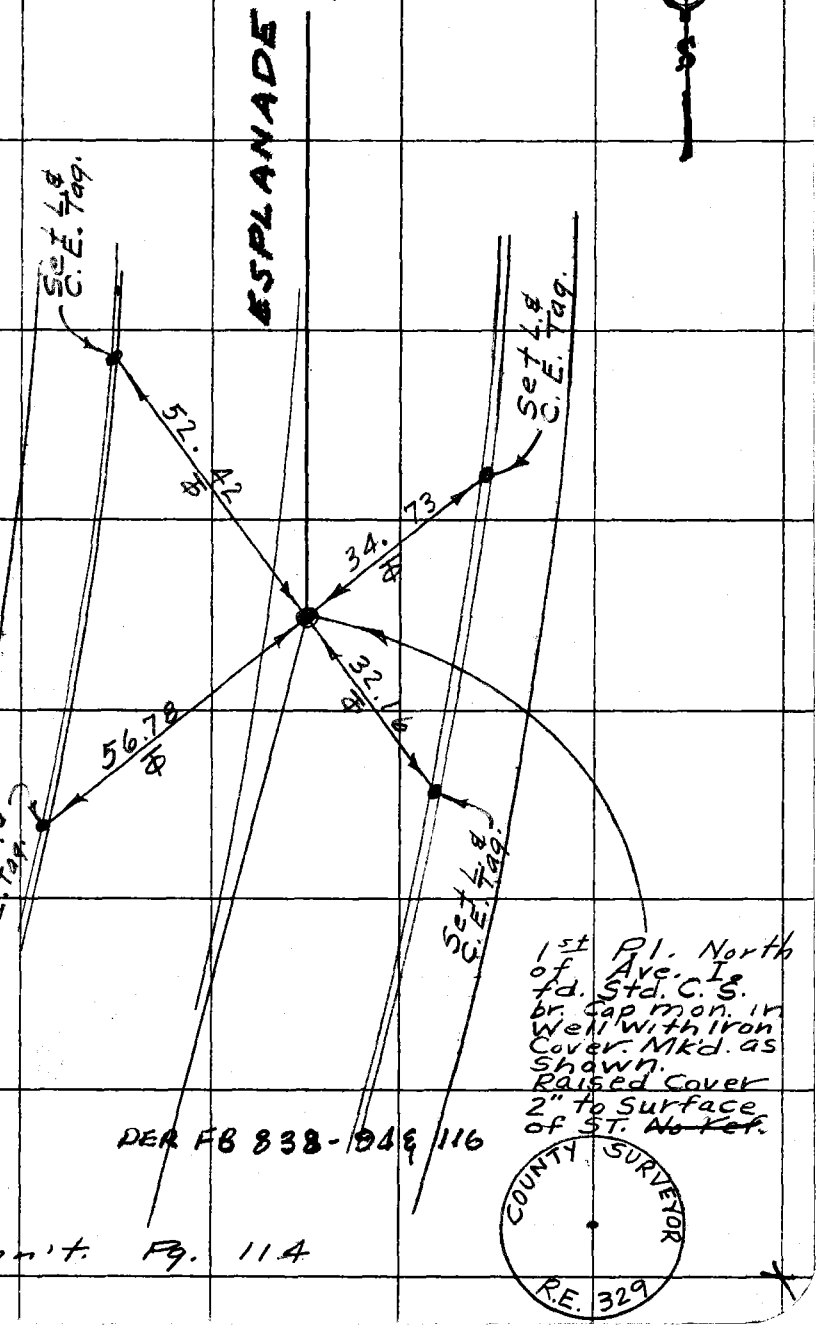

Pacific
Ocean
fd. Std. C.S.
brass cap mon
in well with Iron
Cover. Mkd as
shown.
raised cover 2"
to surface of ST.
~~No ref.~~
~~PER RS 838 Pg 92~~
COUNTY SURVEYOR
R.E. 329
fd L & T
no ref.
Set L.&
C.E. Tag.
53.04
34.85
58.02
ESPLANADE
51.30
45.90
Set L.&
C.E. Tag.
Set L.&
C.E. Tag.
F. B. 2810 PG. 116
Con't. Pg. 124
Con't. Pg. 115

APPELL

Survey of Esplanade
JN 0303.00 Tape 01.5 Std 68 °F
Surveyed by English
Notes Ed. Date 5-24-77
Indexed G. D. BAILEY JUN 7 1977

F. B. 2810 PG. 115

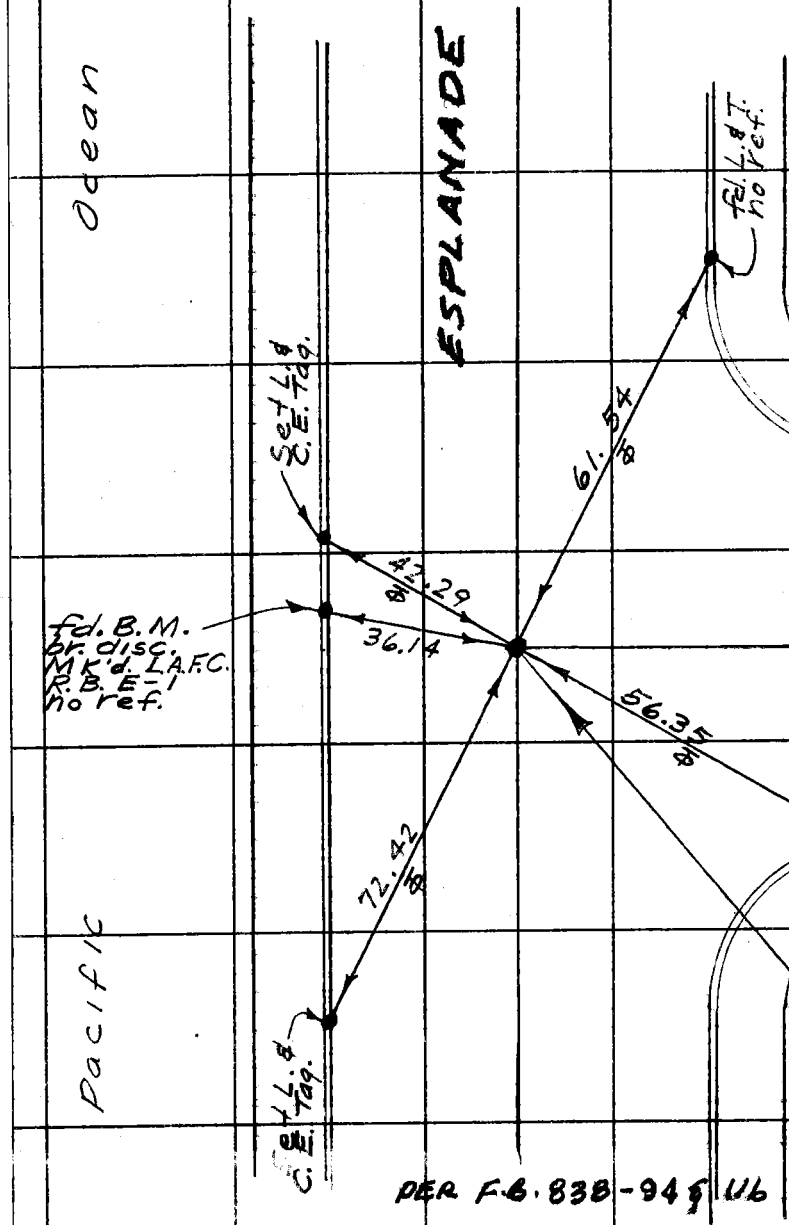
Con't. Pg. 11.6



Con't. Pg. 11.4

F. B. 2810 PG 114

Con't. Pg. 115



PER F.B. 838-94 & 116

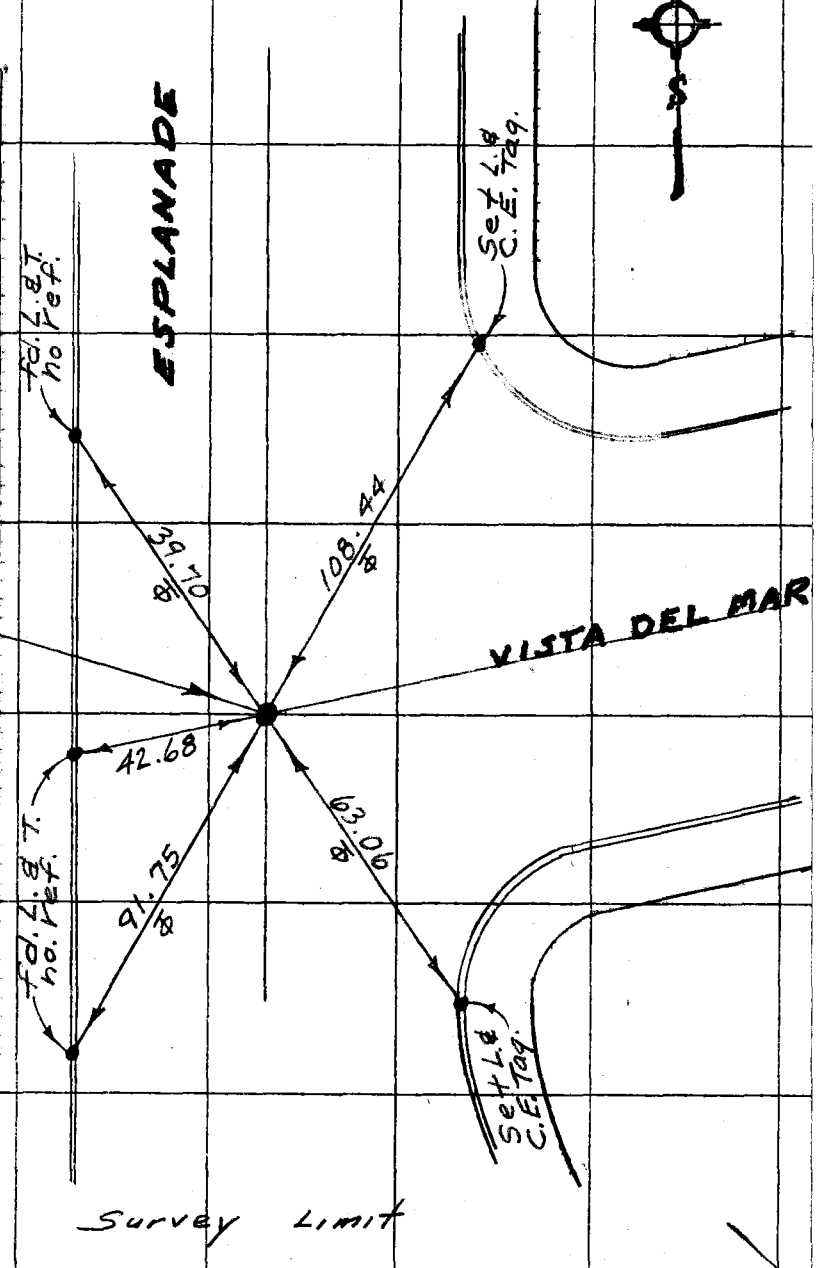
Con't. Pg. 113

APPELL

Survey of Esplanade
JN 0303.00 Tape 015 Std 68 °F
Surveyed by English
Notes Ed. Date 5-77
Indexed G. D. BAILEY JUN 6 1977

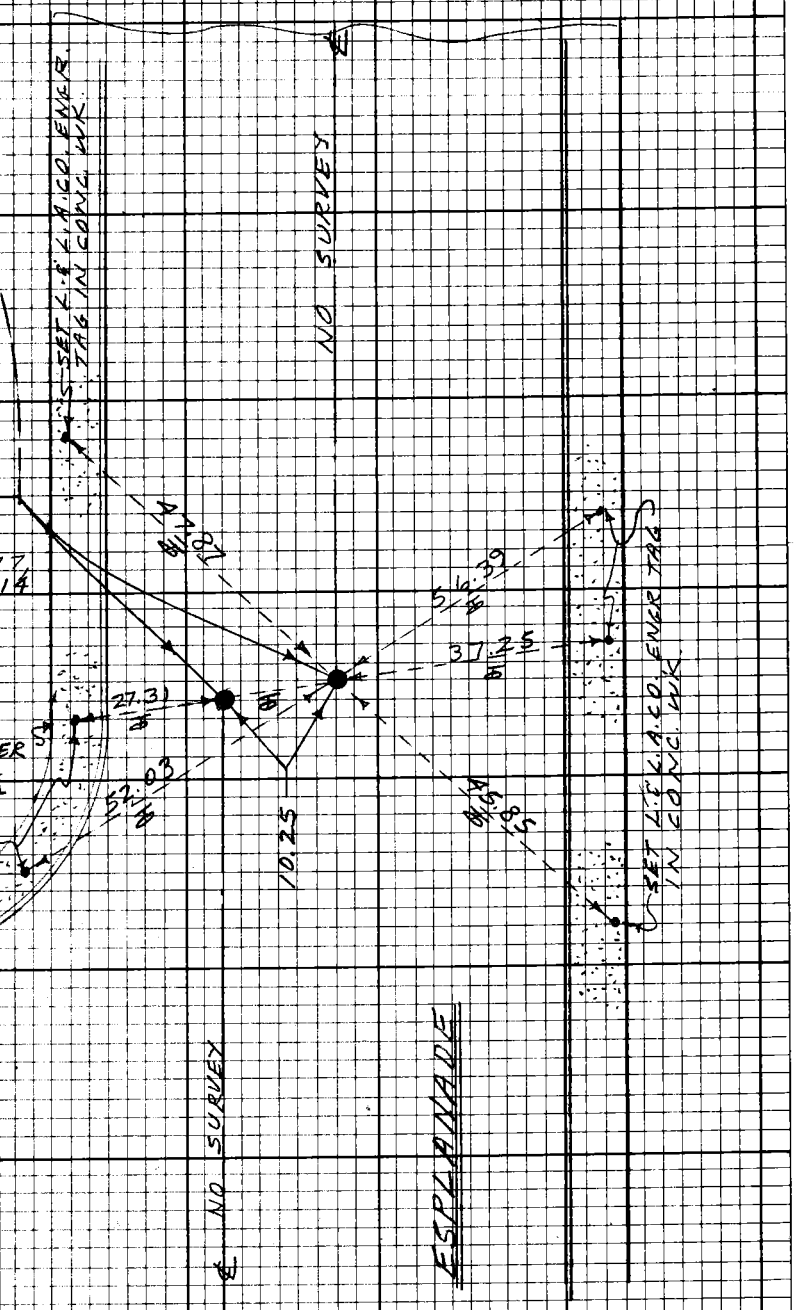
F. B. 2810 PG. 113

Con't. Pg. 11.4



Survey of ESPLANADE
JN 0303-00 Tape — Std — °F
Surveyed by W.A. RICHARDS
Notes Date 6-78
Indexed

F.B. 2810 PG. 125



TO TOP PG. 123

F.B. 2810 Pg. 126

76L266 PS 8-77

LOS ANGELES COUNTY LETTERGRAM

TO		FROM	Crowe

Subject Preservation of Monuments
Redondo Beach Area J.N. 0303.00

Date 14 June 78 No.

Sewer construction will cause movement or destruction of County Engr. Mons in HHs on Esplanade from Knob Hill Ave. to Ave. D (Pg. 67-C-5). Tunneling is underway now in part of this area and open trenching will begin about June 27. Please see that ties are in place for these Mons. For further details, call John Correa of LA Co Sanitation Dist. @ 638-1161.

FB 2810-111-124
FB 838-121-