2196

Survey of
W. O. Tape No. St'd °F.
Computed by
Notes Date
Indexed

F.B. PG.

5
8
5

F.B. 589 PG. Index

F.B. 589

Pages: Index, 5 to 39

108 to 115 incl.,

Survey of Redondo Yacht Harbor F.B. 589 PG. 3
W. O. ____ Tape No. ____ St'd ____ °F
Surveyed by Butler
Notes Evans Date 3/12/46
Indexed 3-12-46

BETWEEN L.A. CITY & L.A. COUNTY
EROSION SURVEYS AT REDONDO
HARBOR - SEE C.S. B-1083 & B-1823.

	C.S. F.B. Transit Line Notes.	C.S. F.B. Point	C.S. F.B. Station	Sounding Notes.	City Transit Line Notes.
	FB. 589-29	"A"	0+00	F.B. 595-87-145 cut-in angles F.B. 596-87-145 shore angles F.B. 597-87-145 soundings	LB 798-89
5	" " - "	"B"	11+30.80		" " - [illegible]
	" " - 31	"C"	28+23.63		" " -51
5	" " - "	"D"	35+68.75		" " -51
5	" " - 32	"E"	40+45.11		" " -53
5	" " - "	"F"	44+72.34		" " -53
5	" " - "	"G"	48+05.06		" " -55
5	" " - 33	"H"	52+06.87		" " -55
5	" " - "	"I"	58+35.72		" " -57
5	" " - "	"J"	64+31.51		" " -57
	" " - 36	"K"	69+61.54		" " -59
	" " - 37	"L"	79+75.69		" " -61
	" " - "	"M"	83+47.38	F.B. 615-191-223 shore ∠s F.B. 616 - soundings F.B. 617 - cut-in ∠s	" " -61
	" " - 38	"N"	90+56.92		" " -63
	" " - "	"O"	113+78.43		" " -65
	" " - 39+9	"A" pg 9	(134+52.57 = 0+00 S)		" " -67
	" " -11	"B"	34+29.01		" 798-87
	" " -12	"C"	42+62.51	F.B. 595-5-84 cut-in ∠s F.B. 596-5-84 shore ∠s F.B. 597-5-84 soundings	" " -89
	" " -13	"D"	45+63.10		" " -89
	" " -14	"E"	52+06.49		" " -91
	" " -15	"F"	57+64.42		" " -91
	" " -16	"G"	63+55.49		" " -93
	" " -17	"H"	67+65.97		" " -93
	" " -18	"I"	78+48.39		" " -95
	" " -19	"J"	82+10.42		" " -95
	" " -20	"K"	94+76.34		" " -97

F.B. 589 PG. 4

Survey of Redondo Beach Yacht Hbr F.B. 589 Pg. 5
W. O. 8102 Tape No ____ St'd 84 °F.
Surveyed by Butler
Notes ____ Date 7/35
Indexed A. C. Johnson 11-8-35

—J.N 8102—

REDONDO BEACH
YACHT HARBOR—

GA COVE AREA:-

or index Control line - pg 7
Control Line - pgs (9-20) inc
B.M. Levels - L.B.
profile to Sta 45+62.10 - L.B
topography map -
soundings -
geology -

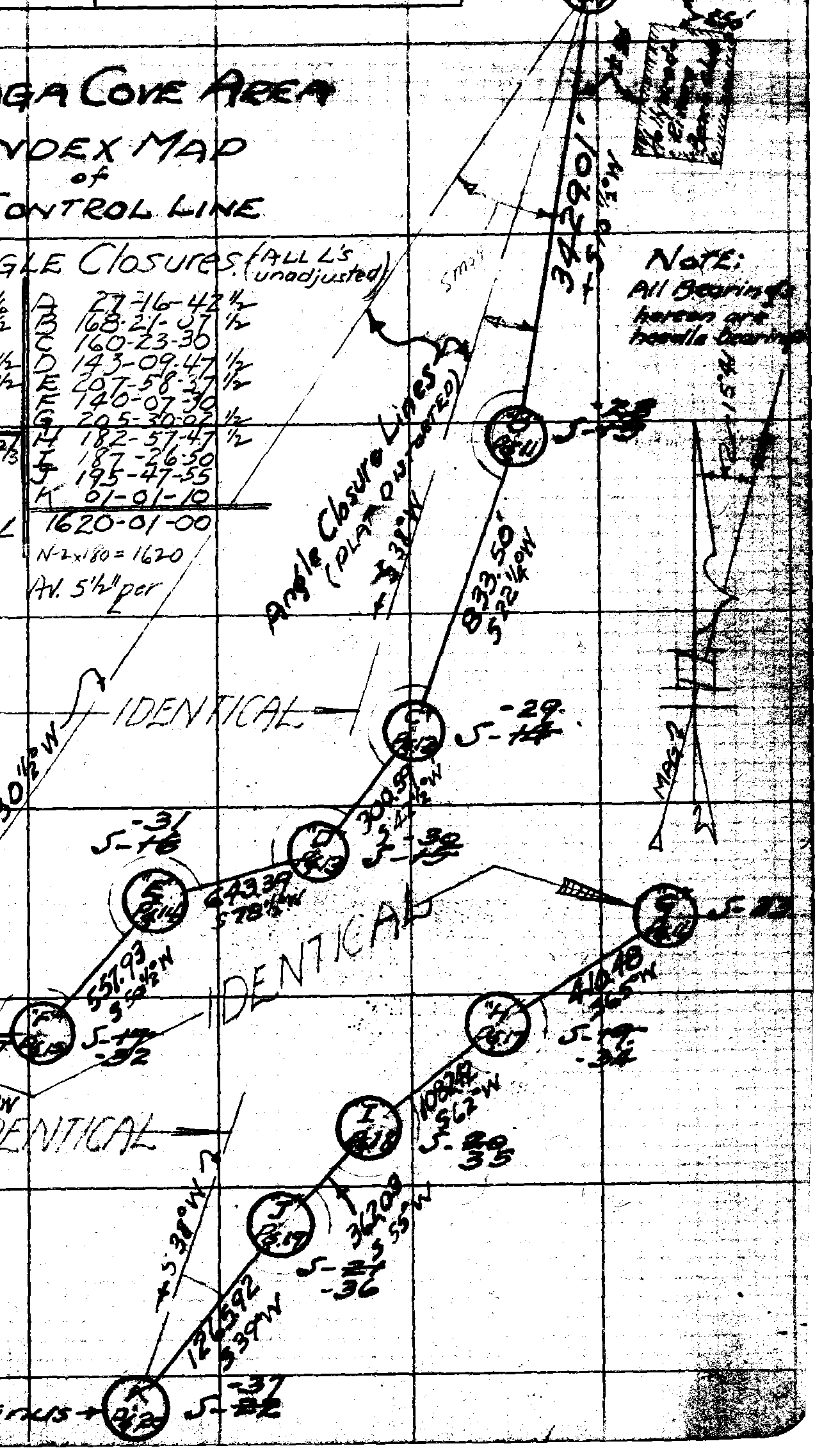
REDONDO BEACH AREA:-

Personnel
E.T. Mankey - Assis Locating ENG'R
S.E. Butler - Chief
G.W. Kleineck - Inst.
H.E. Granquist - ch.
J.L. Willey - "
D.W. Reynolds - "

y begun 7/22/35.
16382

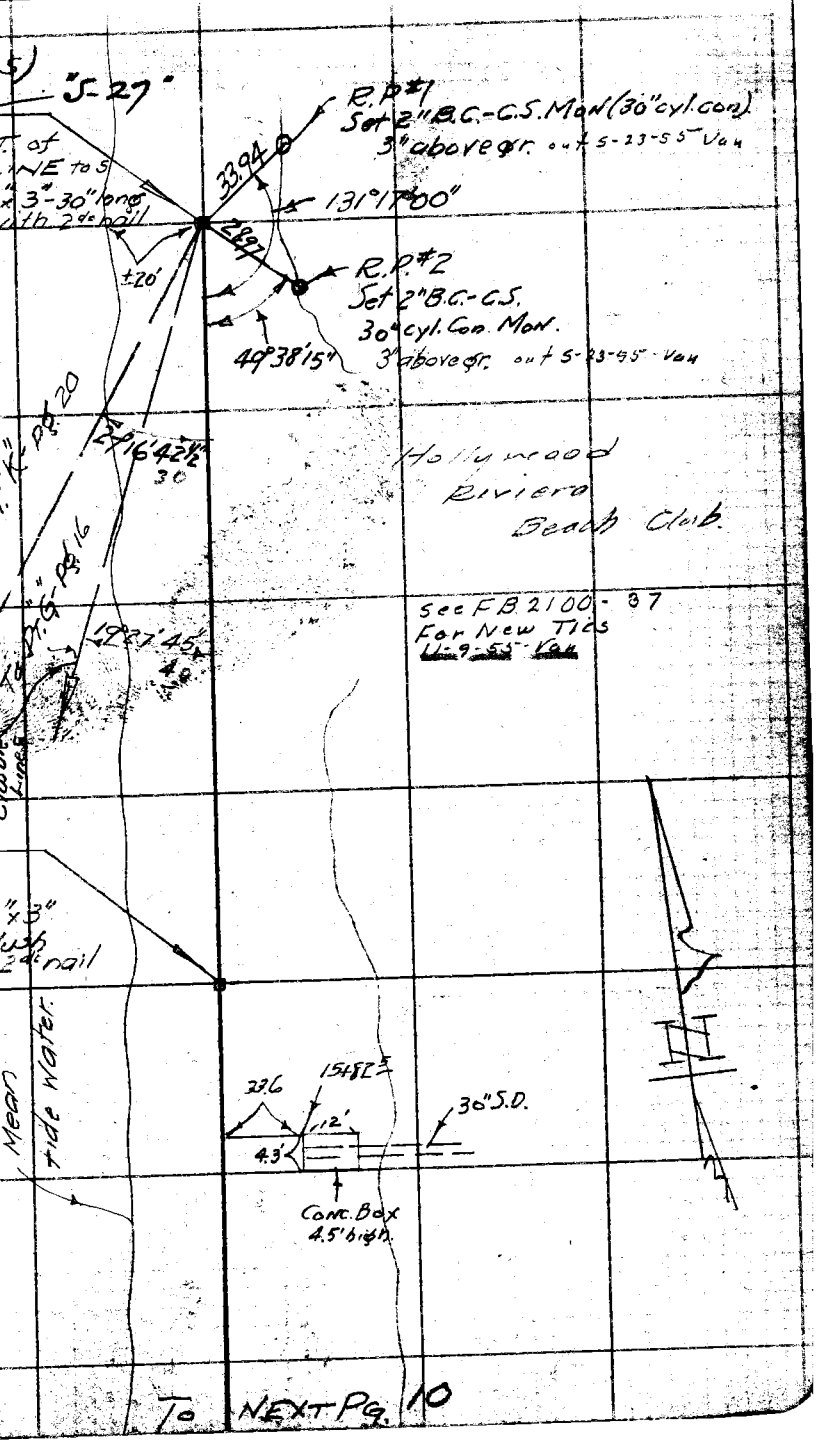
F.B. 589 PG. 6

Survey of Redondo Beach Y+4N F.B. 587 Pg. 7
W. O. 2102 Tape No. St'd 84 of.
Surveyed by Butler
Notes Date
Indexed A. C. Johnson



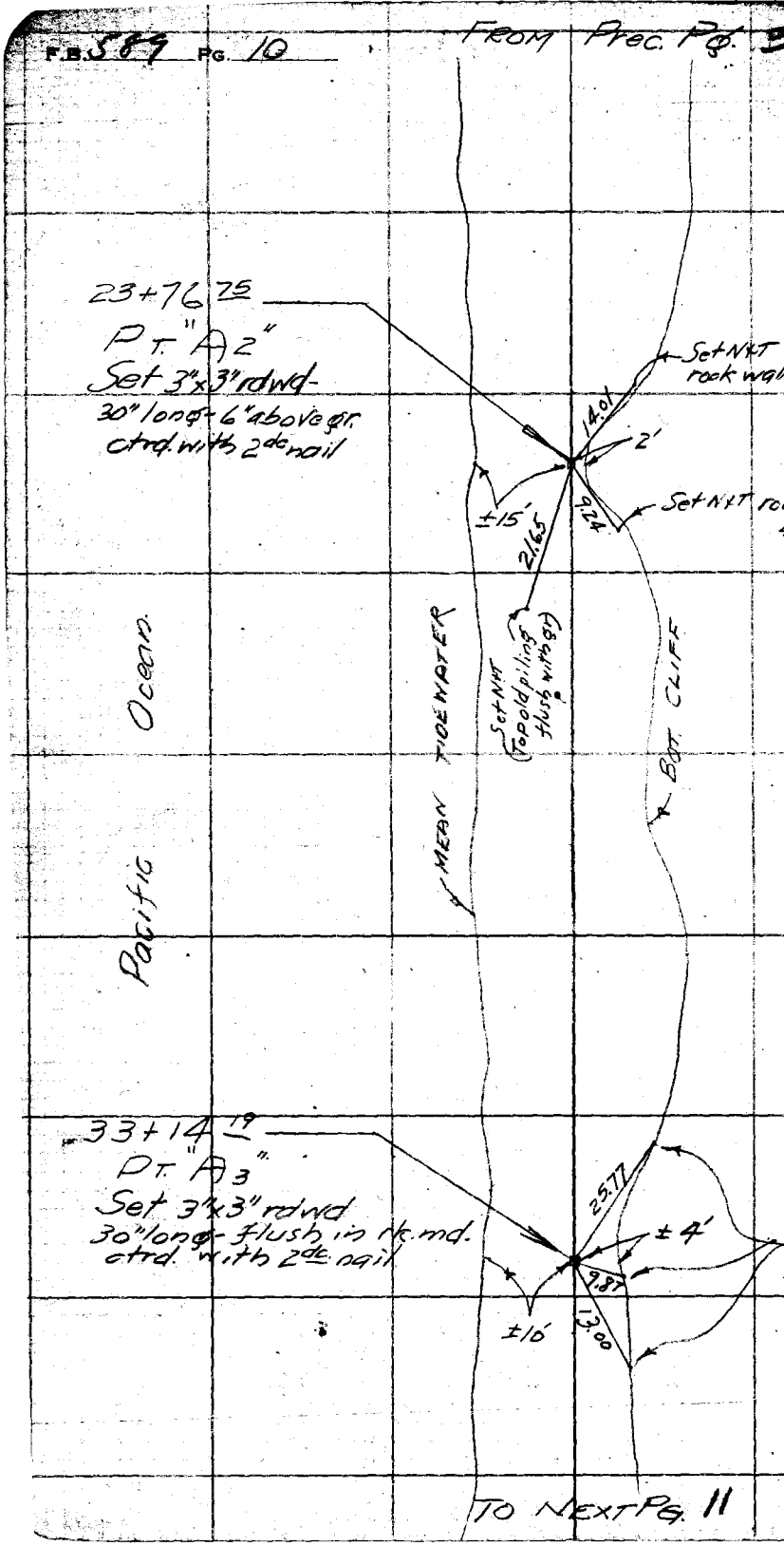
F.B. 587 PG. 8

Survey of Redondo Beach Yt Hbr F.B. 589 PG. 9
W. O. 8102 Tape No St'd 84 °F.
Surveyed by Butler
Notes Date 7/35
Indexed A. C. Johnson 11-9-55



To NEXT Pg. 10

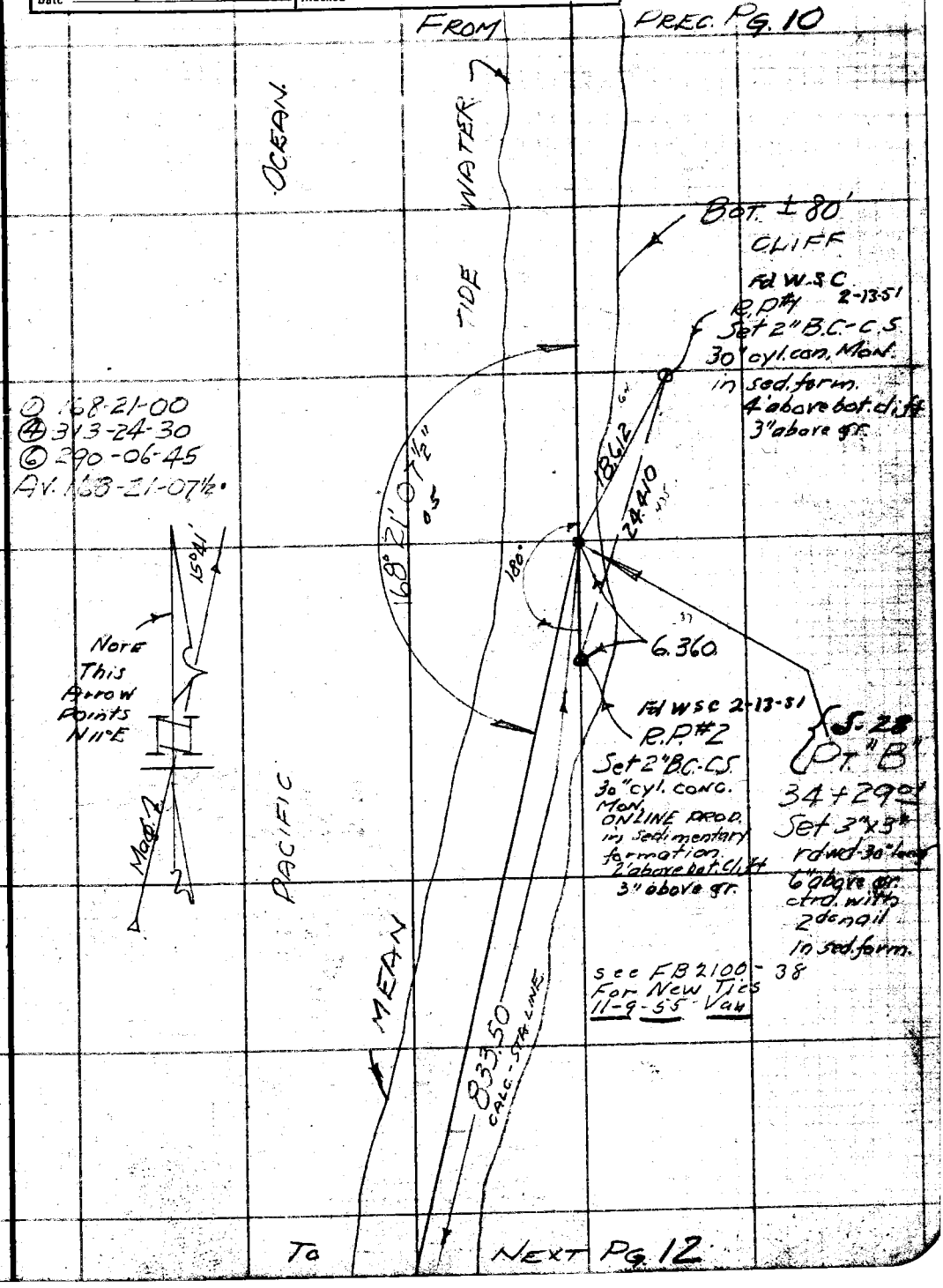
FROM PREC. PG. 9



TO NEXT PG. 11

Notes Ck'd by	Survey of Redondo Beach Yt. Hbr.
Map No. B-1083-1	W. O. 8102 Tape No. St'd 84 °F.
Office Work RW-[illegible]	Surveyed by Butler
Checked [illegible]	Notes " Date [illegible]
Date Nov. 1935	Indexed A. C. Johnson

F.B. 589 PG. 11



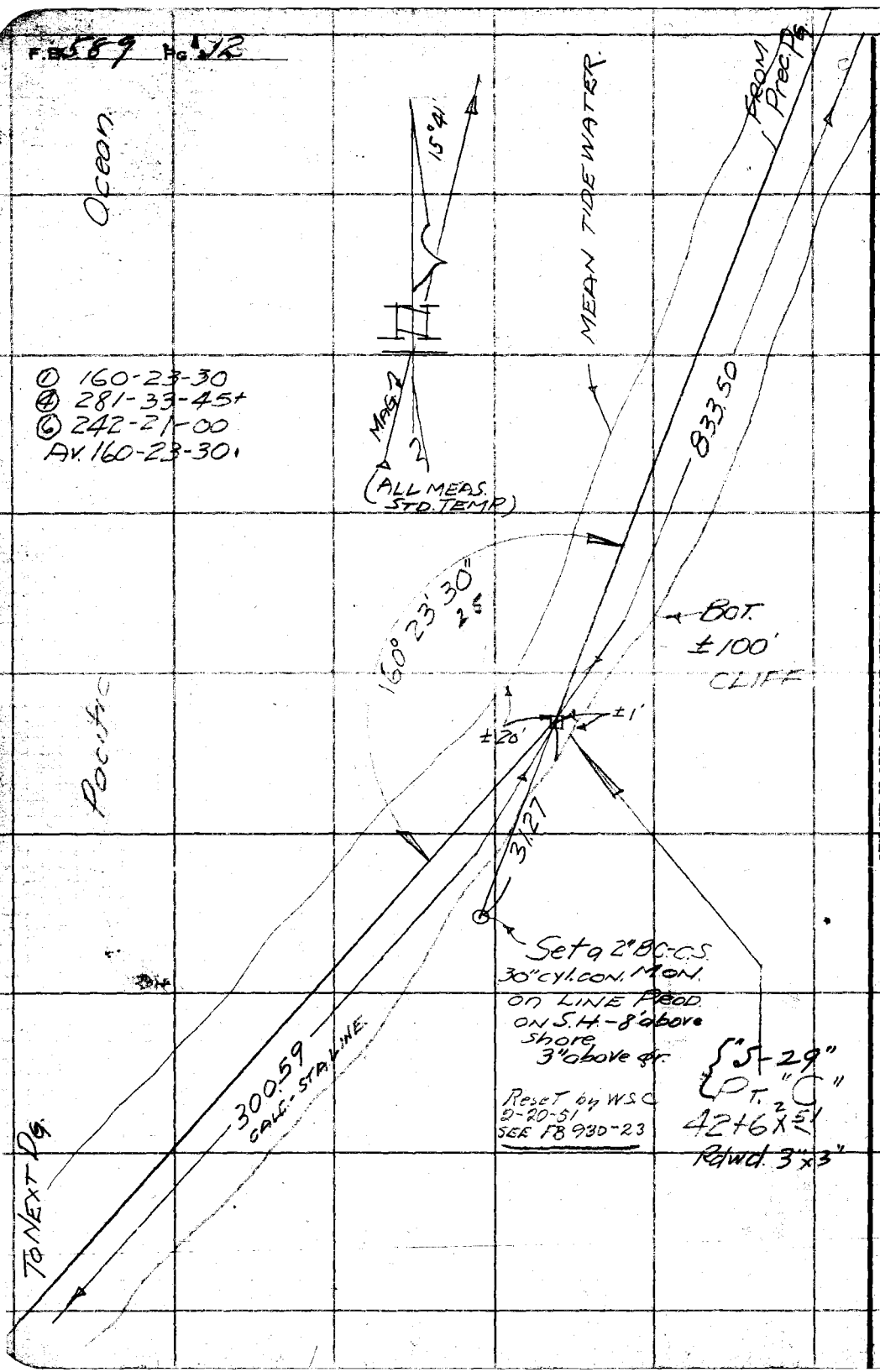
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 2-34

F.B. 589 PG. 72

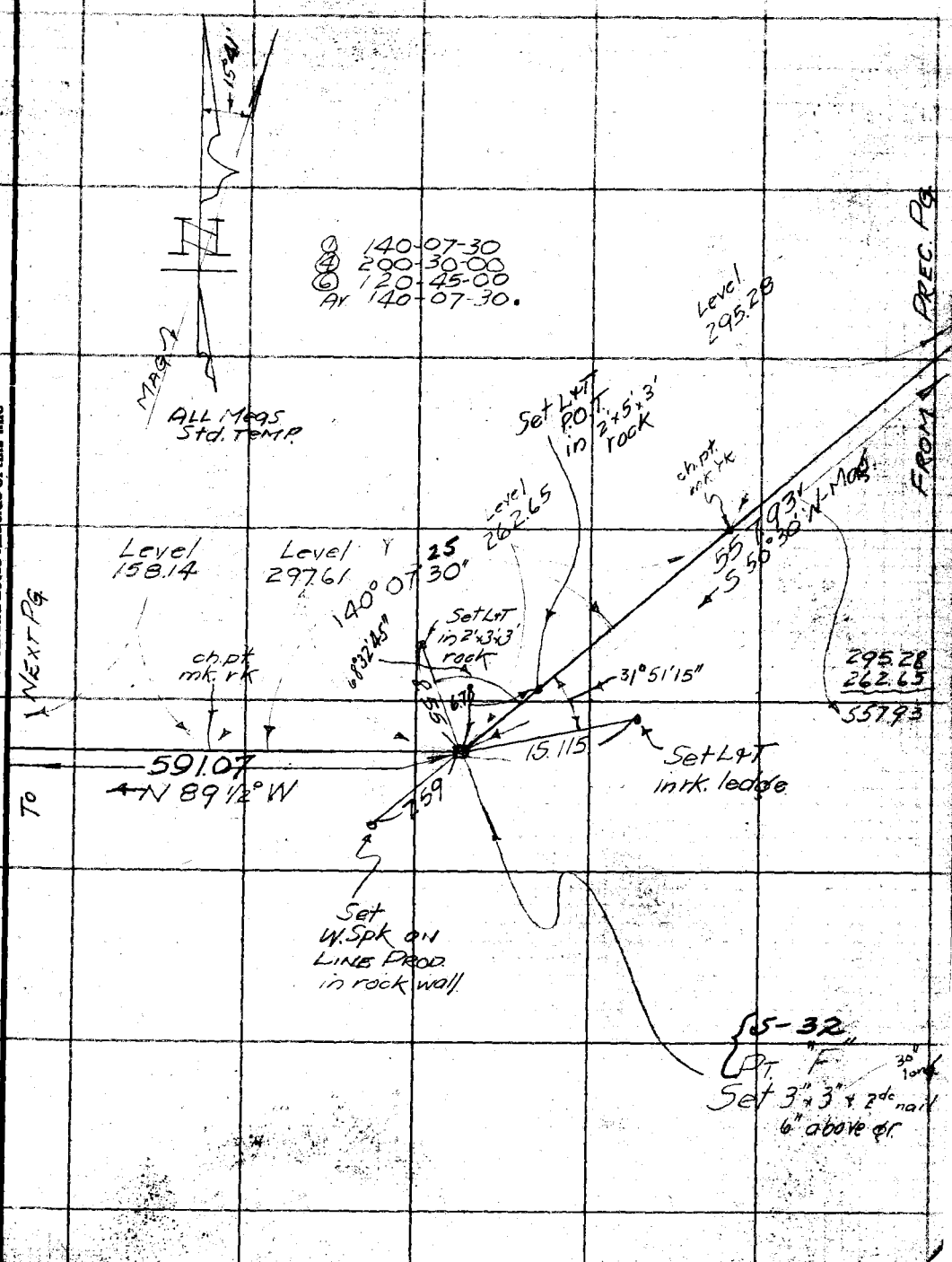


RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by		Survey of Redondo Beach Yacht Harbor	F.B. 589 Pg. 15
Map No.	13-1083-1	W. O. 8102 Tape No. St'd 84 °F.	
Office Work	RW	Surveyed by Butler	
Checked	RAK	Notes Date	
Date	Nov. 1935	Indexed A. C. Johnson	



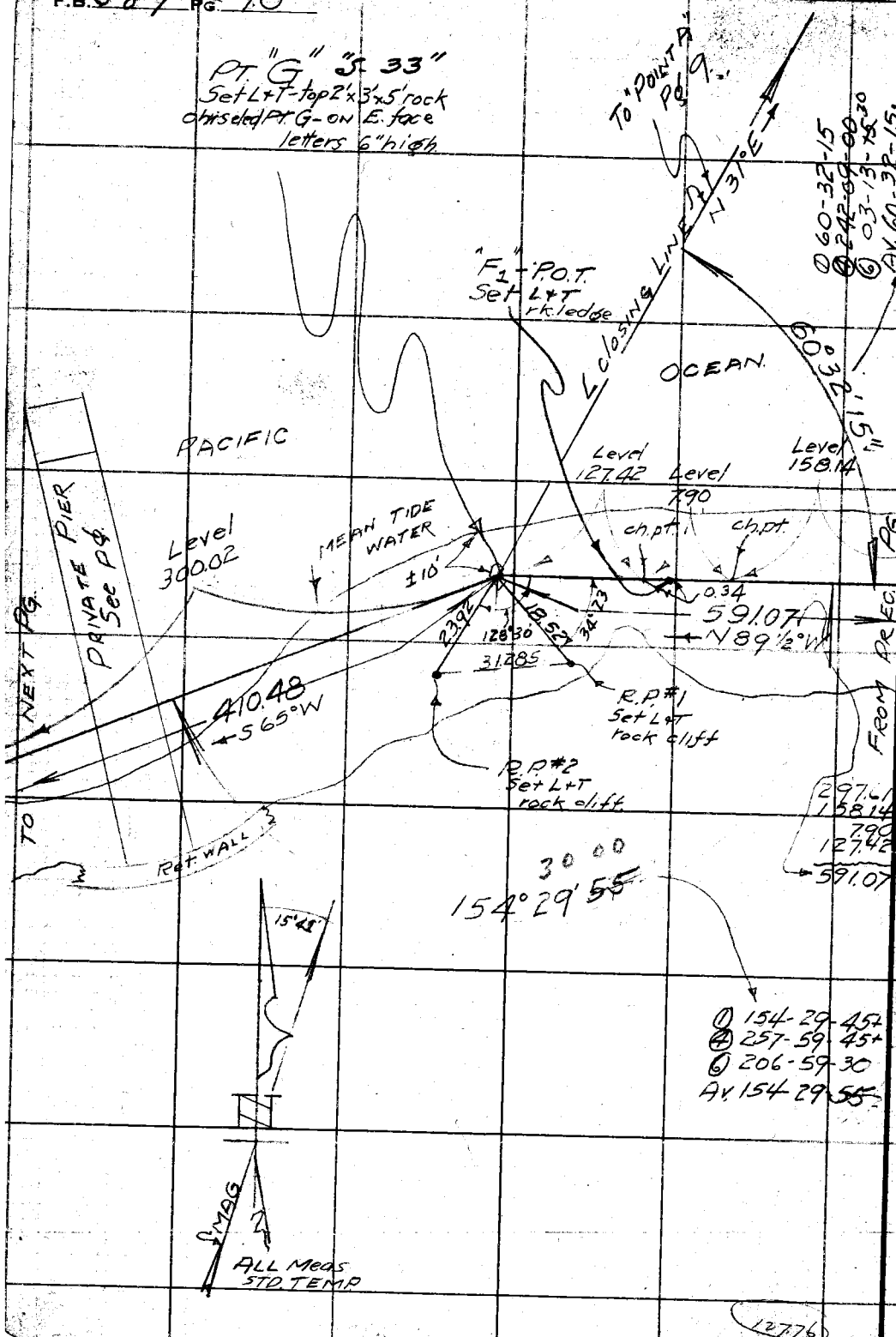
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 2-34

F.B. 589 PG. 16



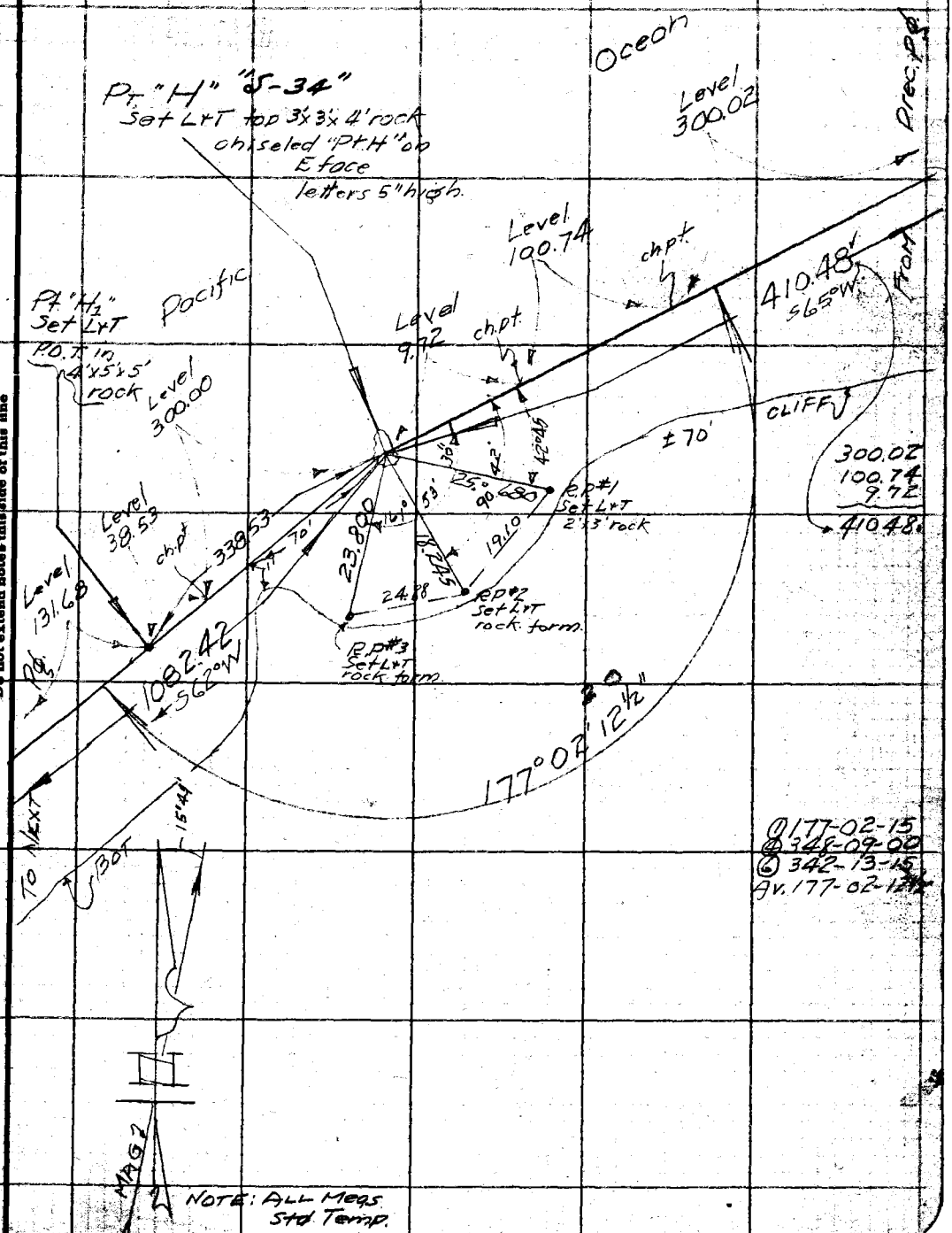
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

12776

Notes Ck'd by	Survey of Redondo Beach Yt. Hbr. F.B. 589 Pg. 17
Map No. B-1083	W. O. 8102 Tape No. St'd 84 °F.
Office Work R.W.M.	Surveyed by Butler
Checked [illegible]	Notes " Date 1/35
Date Nov. 1935	Indexed A. C. Johnson



① 177-02-15
④ 348-09-00
⑥ 342-13-15
Av. 177-02-12½

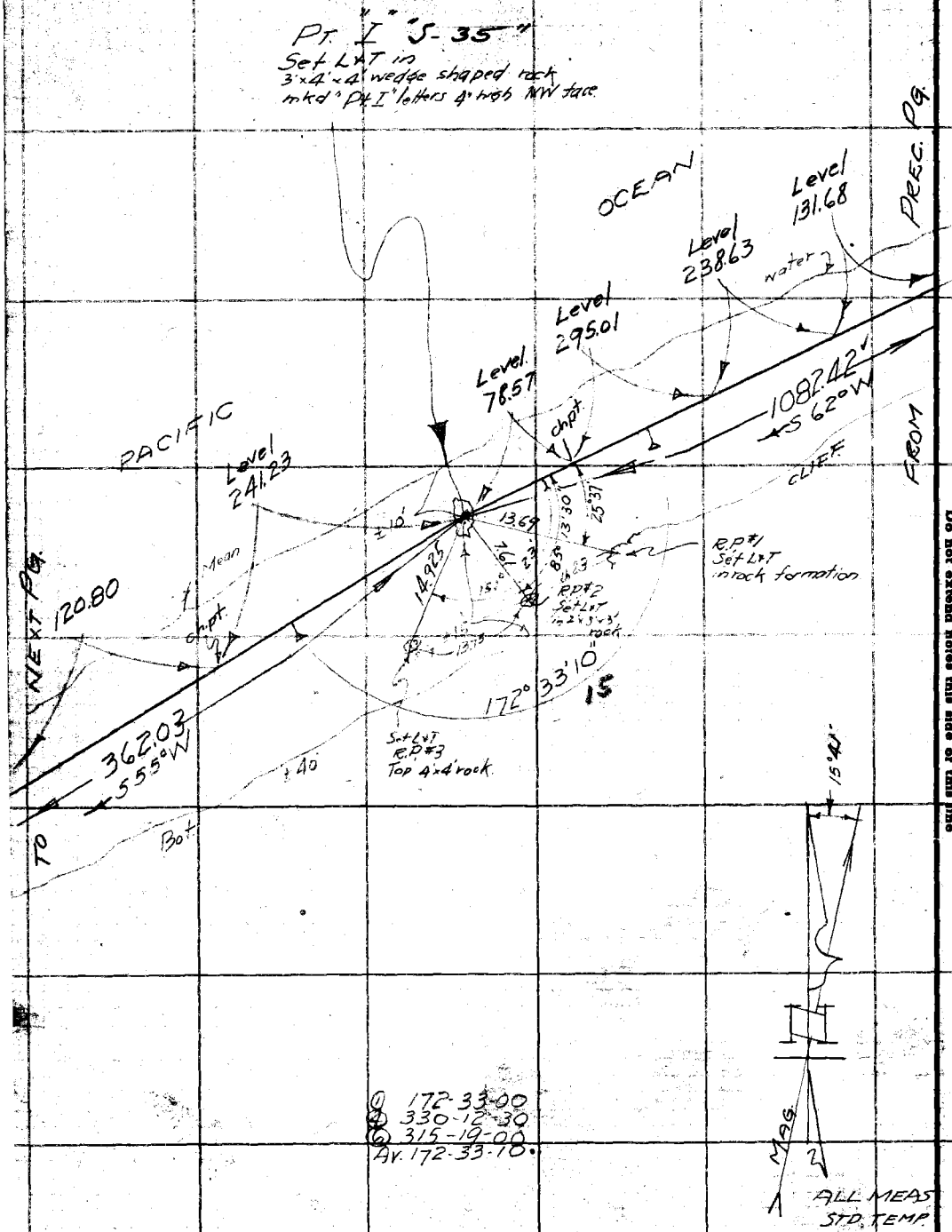
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 2-34

F.B. 589 Pg. 18



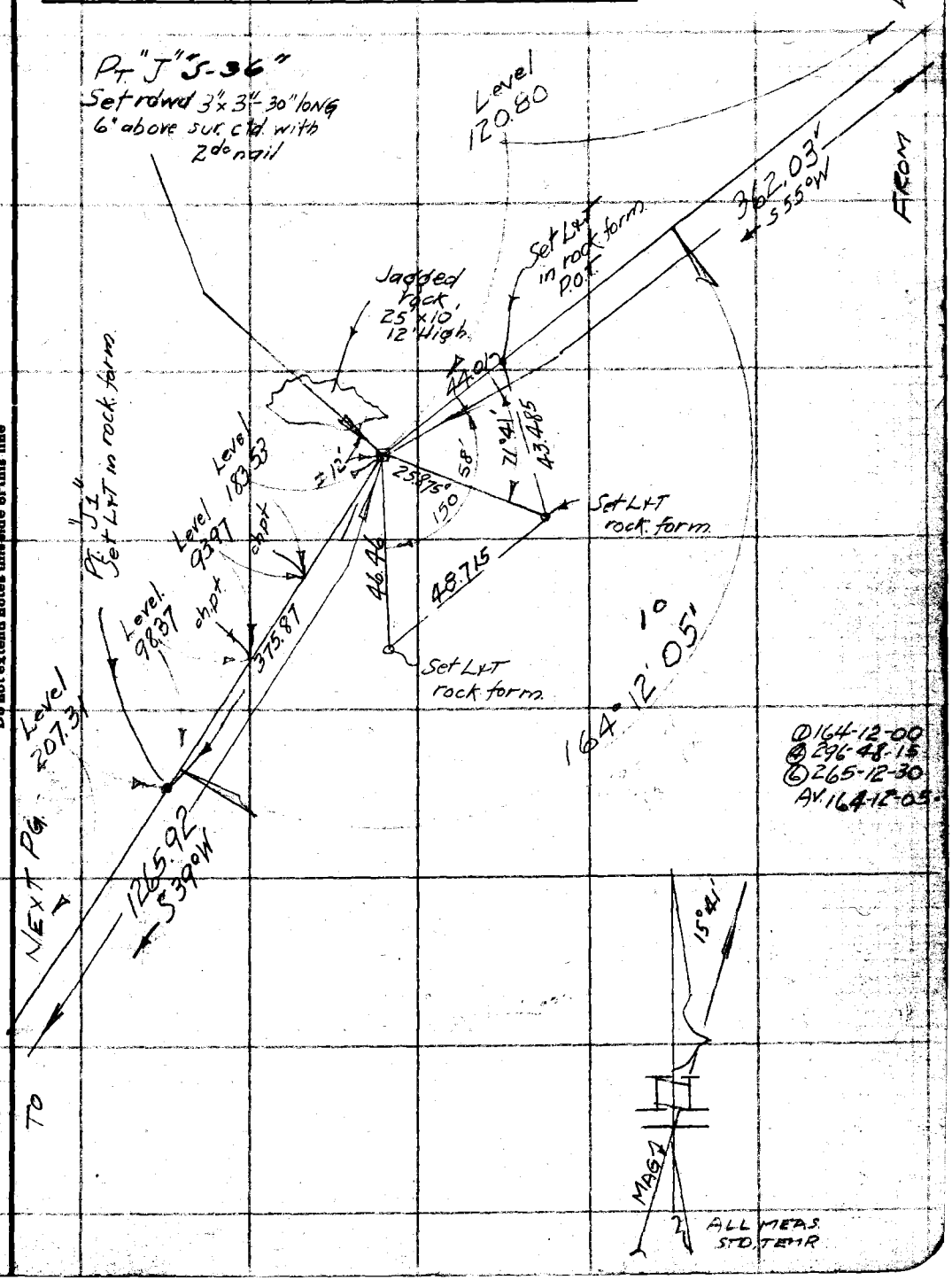
① 172-33-00
④ 330-12-30
⑥ 315-19-00
Av. 172-33-10

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by	Survey of Redondo Beach Yt Hbr F.B. 589 Pg. 13
Map No. B-1083	W. O. 8102 Tape No. St'd 84 °F.
Office Work RWM	Surveyed by Butler
Checked aar	Notes " Date 1/03
Date Nov. '35	Indexed A. C. Johnson



① 164-12-00
④ 296-48-15
⑥ 265-12-30
AV. 164-12-05

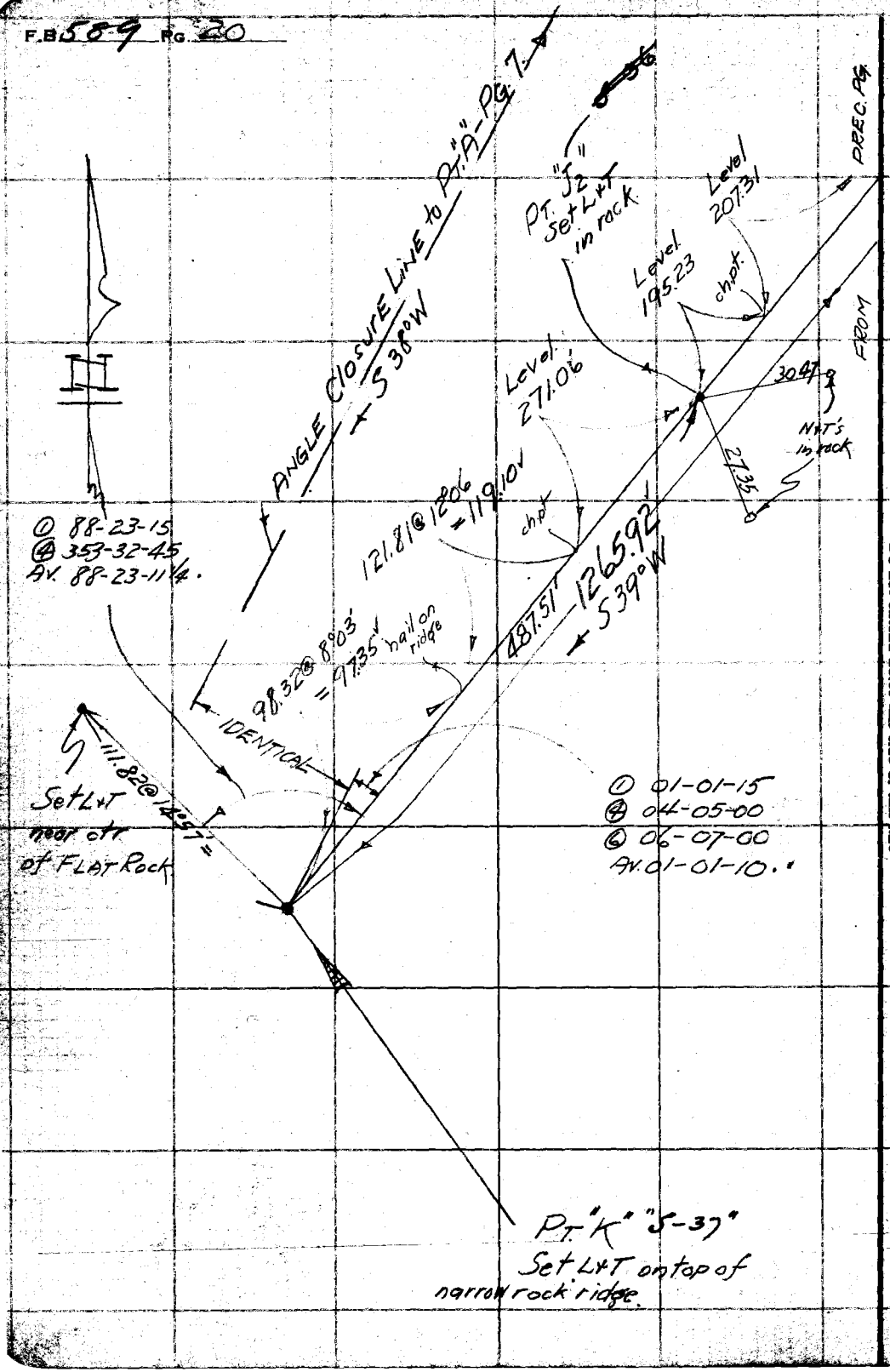
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 2-34

F.B. 589 PG. 20



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

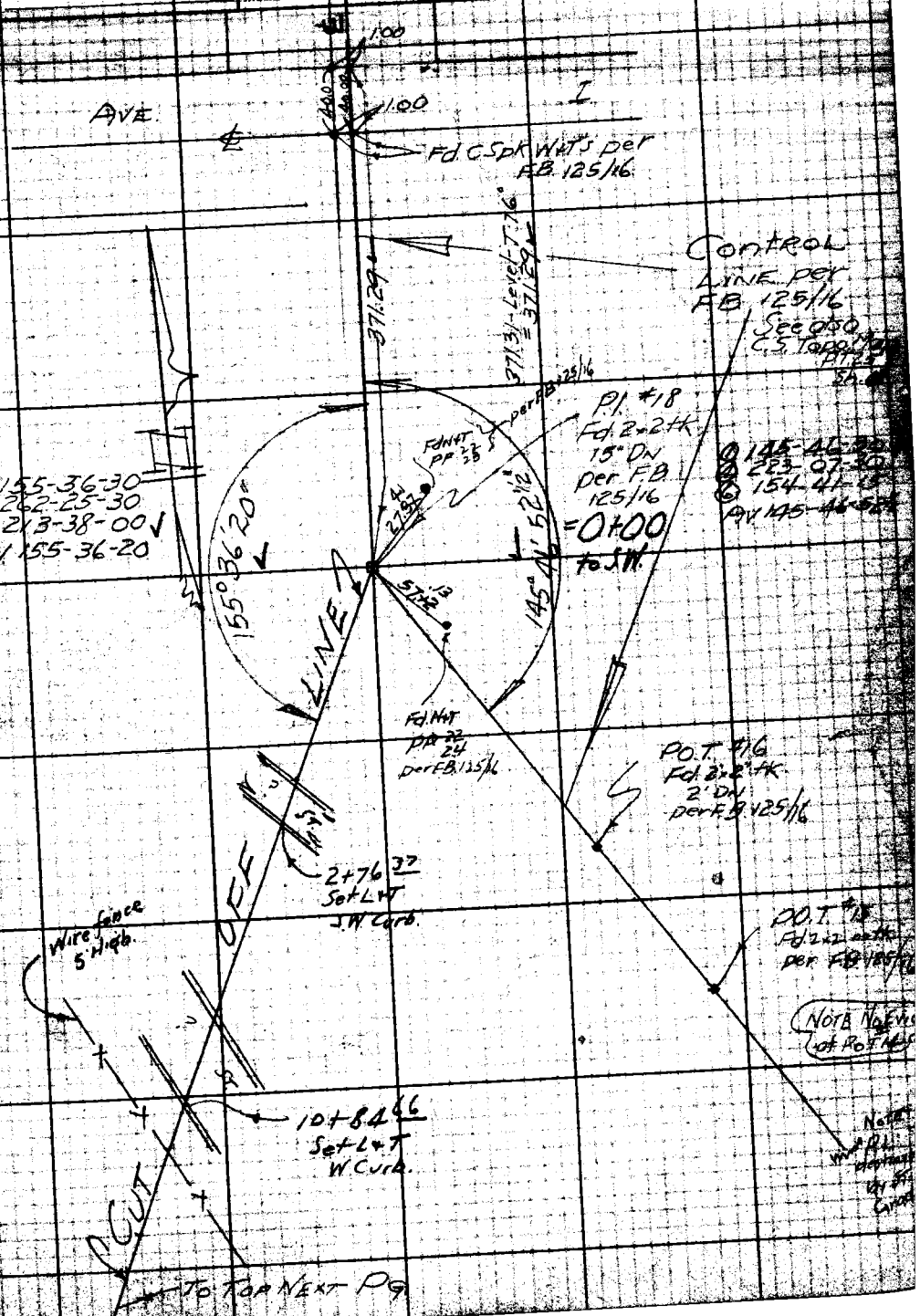
Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by B-1083
Office Work
Checked
Date

Survey of Redondo Beh Yt Hbr
W. O. 8102 Tape No 05 St'd 84 °F.
Notes
Indexed A. C. Johnson

F.B. 509 Pg. 21



Notes: 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

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 847 5M 2-34

F.B. 389 PG. 22

0+00
PT. "A" (S27)
3x3" per pg. 9

From
Bot. ℄
Prec. pg.

±20'

@ 23-51-00
@ 87-42-00 ✓
@ 131-33-15
AW. 21-55-32½

OCEAN

21°55'32½"
38" Adj.

OFF LINE

12+35 96
ch. nail
Top bluff

TIDEWATER

166.23
LINE See pg.

CUT

ch. nail

100.93 @ 4-58
@ T 72 = 97.50

PACIFIC

78.52 @ 4-32 @ T 74
= 78.26

Set 1x2
by INT.

CONTROL

To PT "B"
See pg. 11

To foresight on
Top Tel. pole
on sky line across Gate
ctr. pole of 3 poles.

N

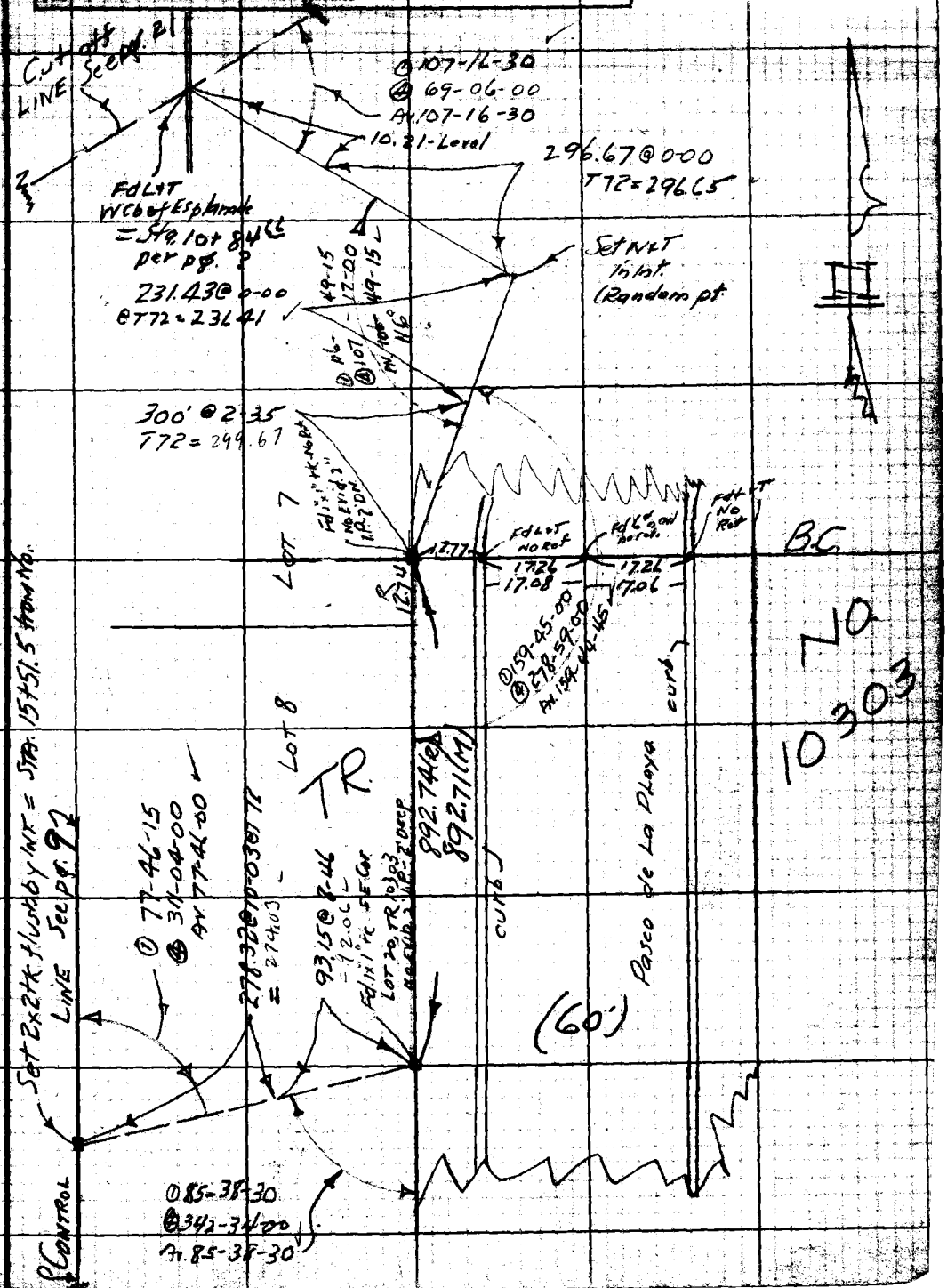
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by	Survey of Redondo Yt Hbr
Mark No. B-1083-1	W. O. 8102 Tape No 05 St'd 84 °F.
Office Work RWM-A	Surveyed by
Checked	Notes Date 8/27/35
Date	Indexed A. C. Johnson

F.B. 589 Pg. 22-A



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

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 SM 2-34

RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red Ink** WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

F.B. No.

Form No. Eng 2-54

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

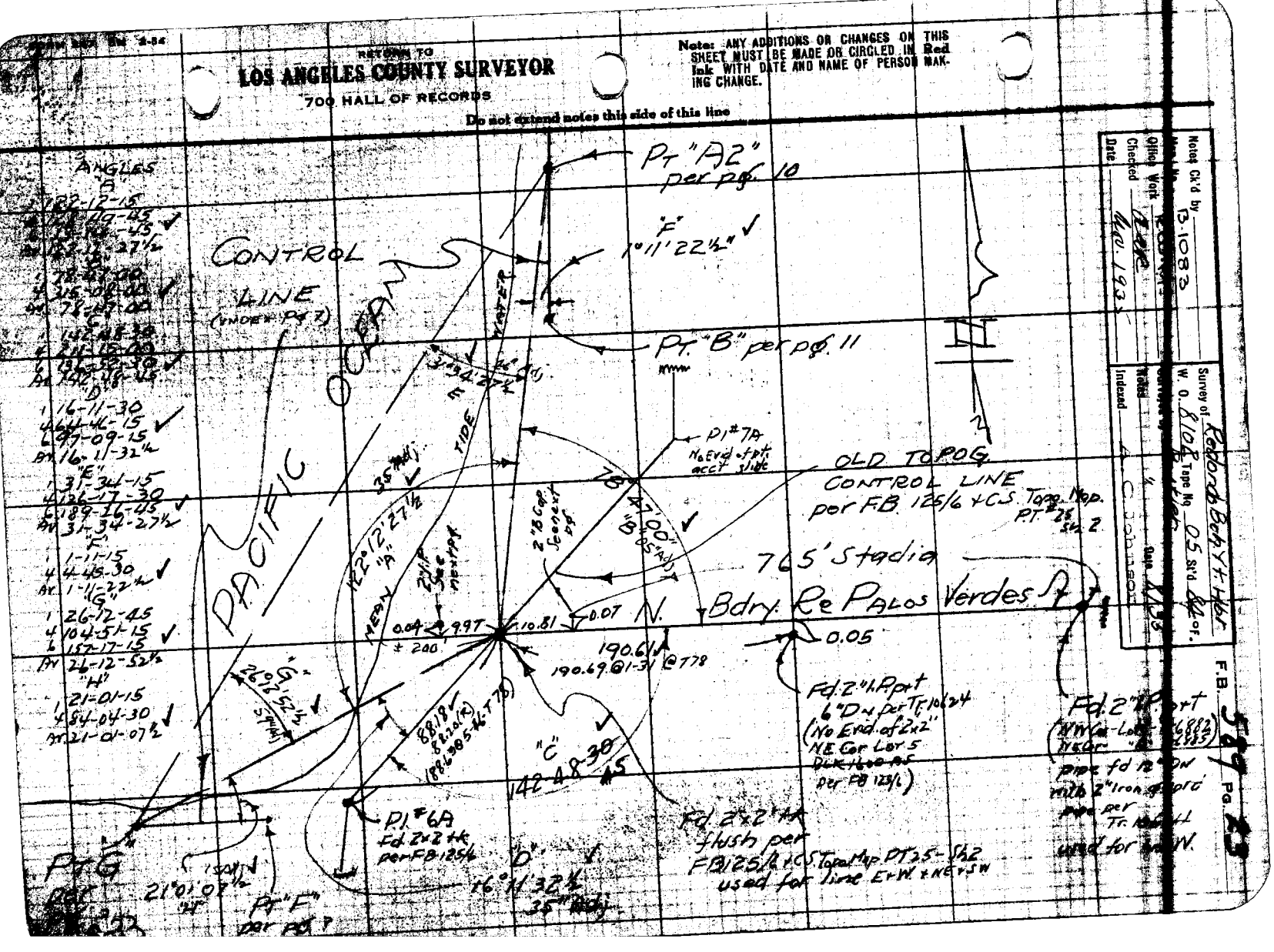
Do not extend notes this side of this line

Notes Ck'd by B-1083
Office Work Completed
Checked
Date Aug. 1933
Indexed

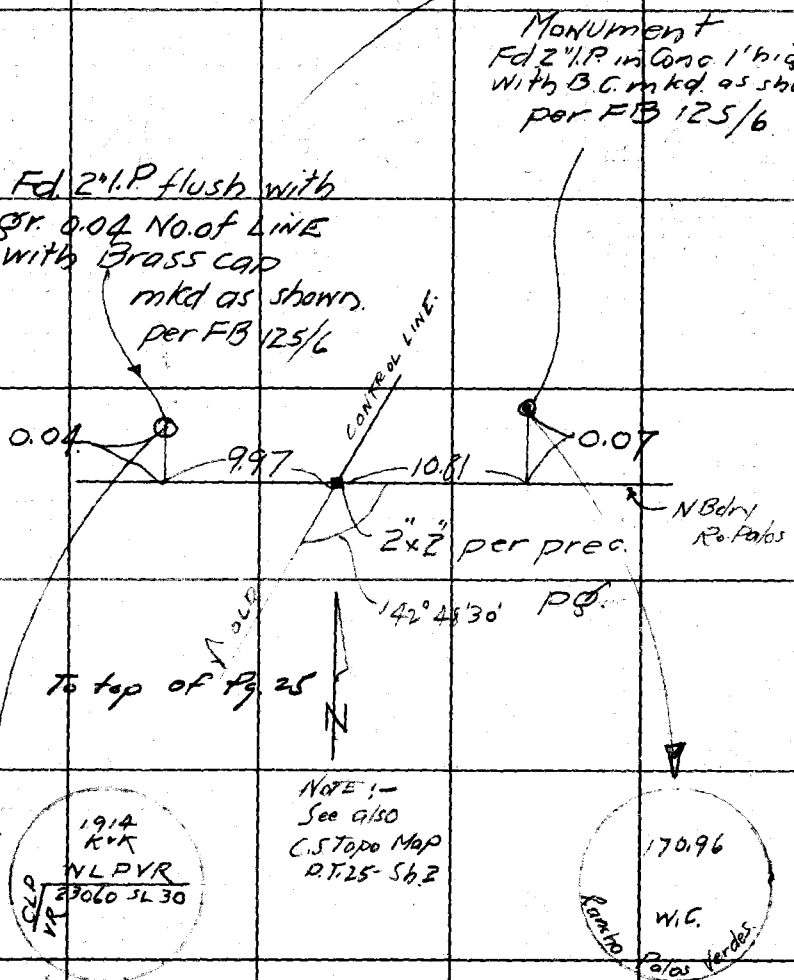
Survey of Redondo Beach Y.H. Harbor
W. O. 8104 Tape No. 05 Std. Chg. of.
Notes
Date 1933

F.B. 589 Pg. 23

ANGLES
"A"
1 182-12-15
4 119-45
BK 182-12-27½
"B"
1 78-47-00
4 315-08-00
BK 78-47-00
"C"
1 142-48-30
4 217-15-00
6 131-32-30
BK 142-48-45
"D"
1 16-11-30
4 64-46-15
6 97-09-15
BK 16-11-32½
"E"
1 31-34-15
4 126-17-30
6 189-26-45
BK 31-34-27½
"F"
1 1-11-15
4 44-49-30
BK 1-11-22½
"G"
1 26-12-45
4 104-51-15
6 157-17-15
BK 26-12-52½
"H"
1 21-01-15
4 84-04-30
BK 21-01-07½

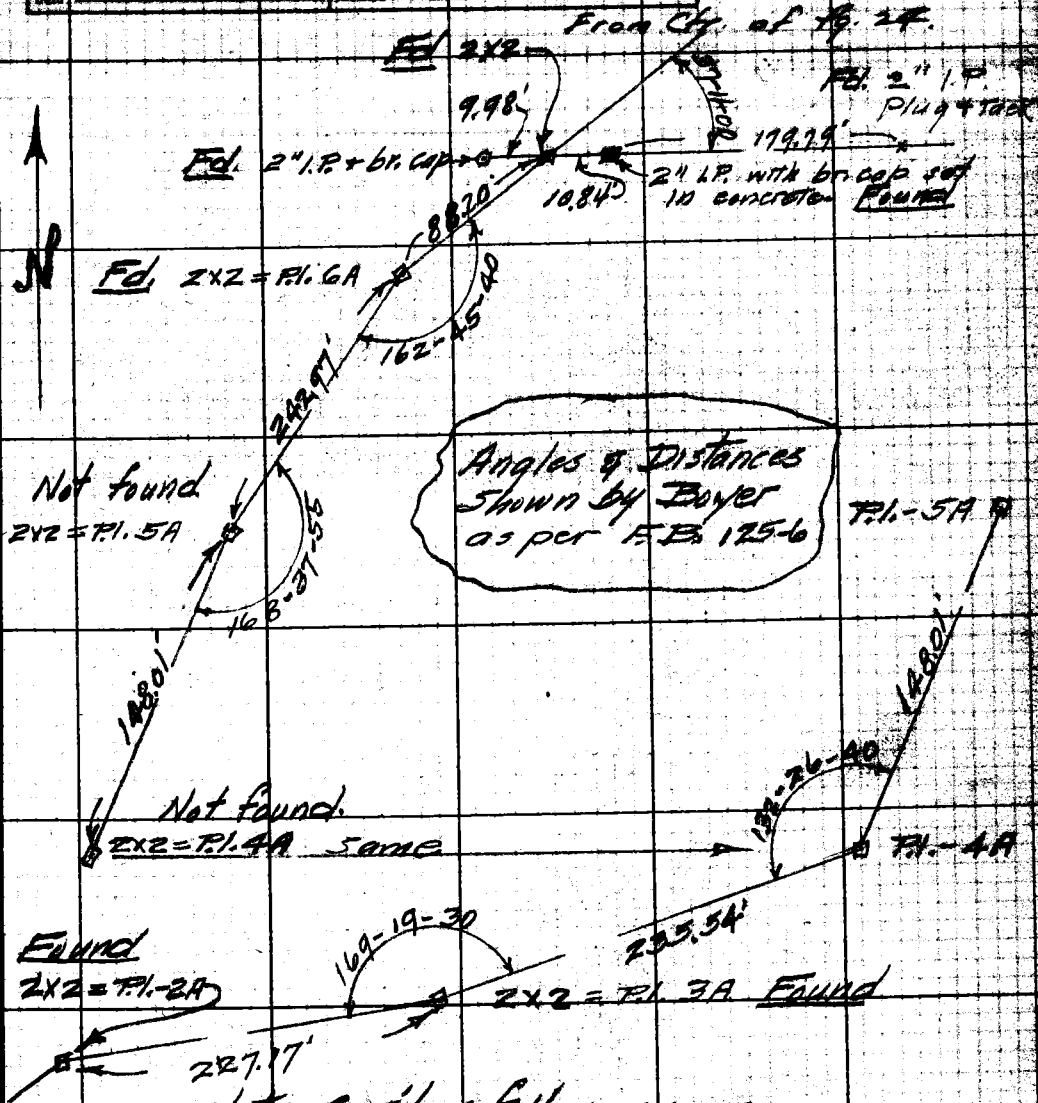


F.B. 589 Pg. 24



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by		Survey of Redondo [illegible]	F.B. 589 Pg. 25
[illegible]	B-1083-2	W. O. [illegible] Tom No. Sht'd of	
Office Work	R.W.M.A.	Surveyed by [illegible]	
Checked		Notes [illegible] Date [illegible]	
Date		Indexed A. C. Johnson	



Notes Cont'd on following page.

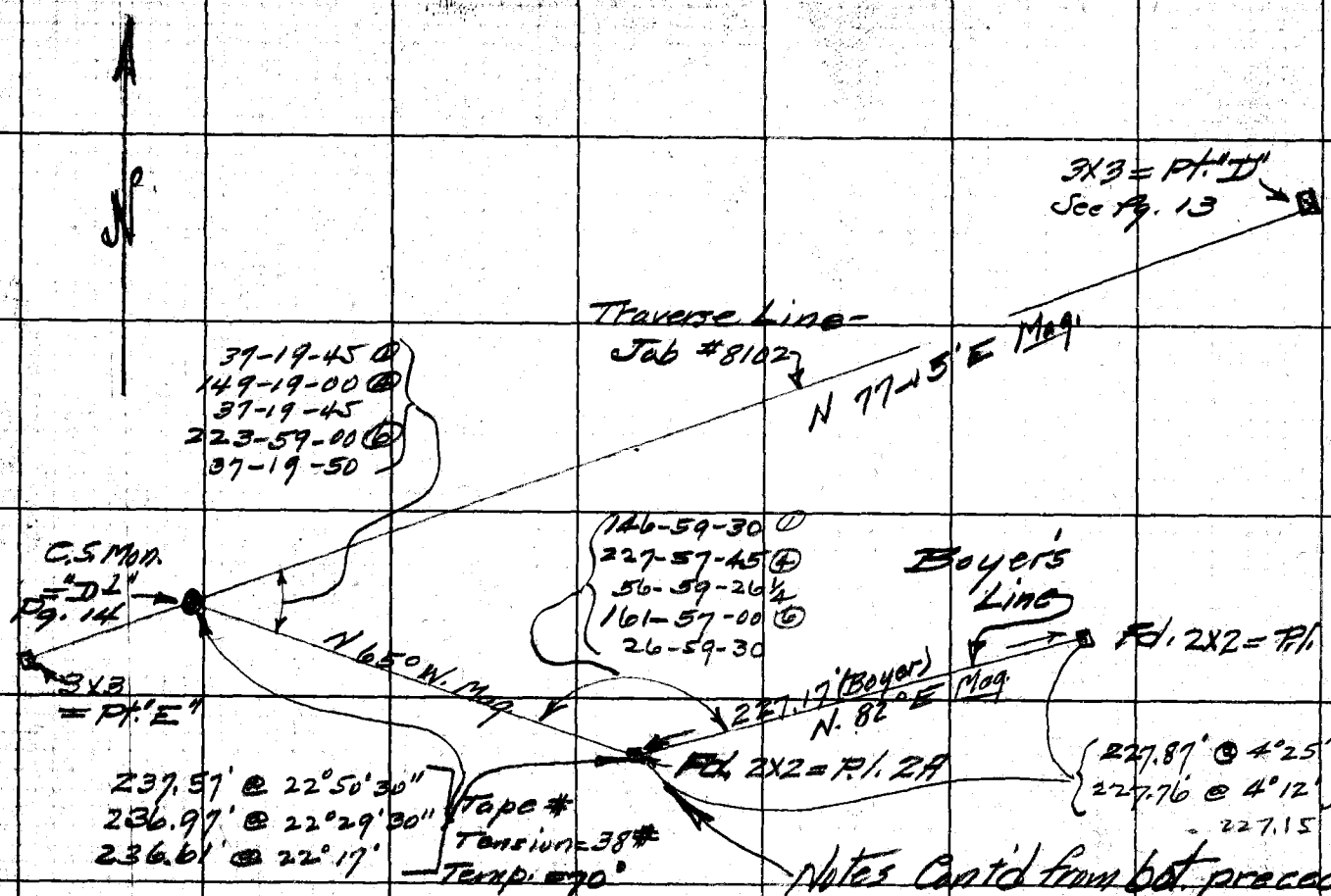
A retracement of a portion of a survey by Boyer (1926) on Palos Verdes Rancho & North for the purpose of making a tie to same from the traverse line of the Redondo Beach Yacht Harbor Job No 8102 (South Area)

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

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

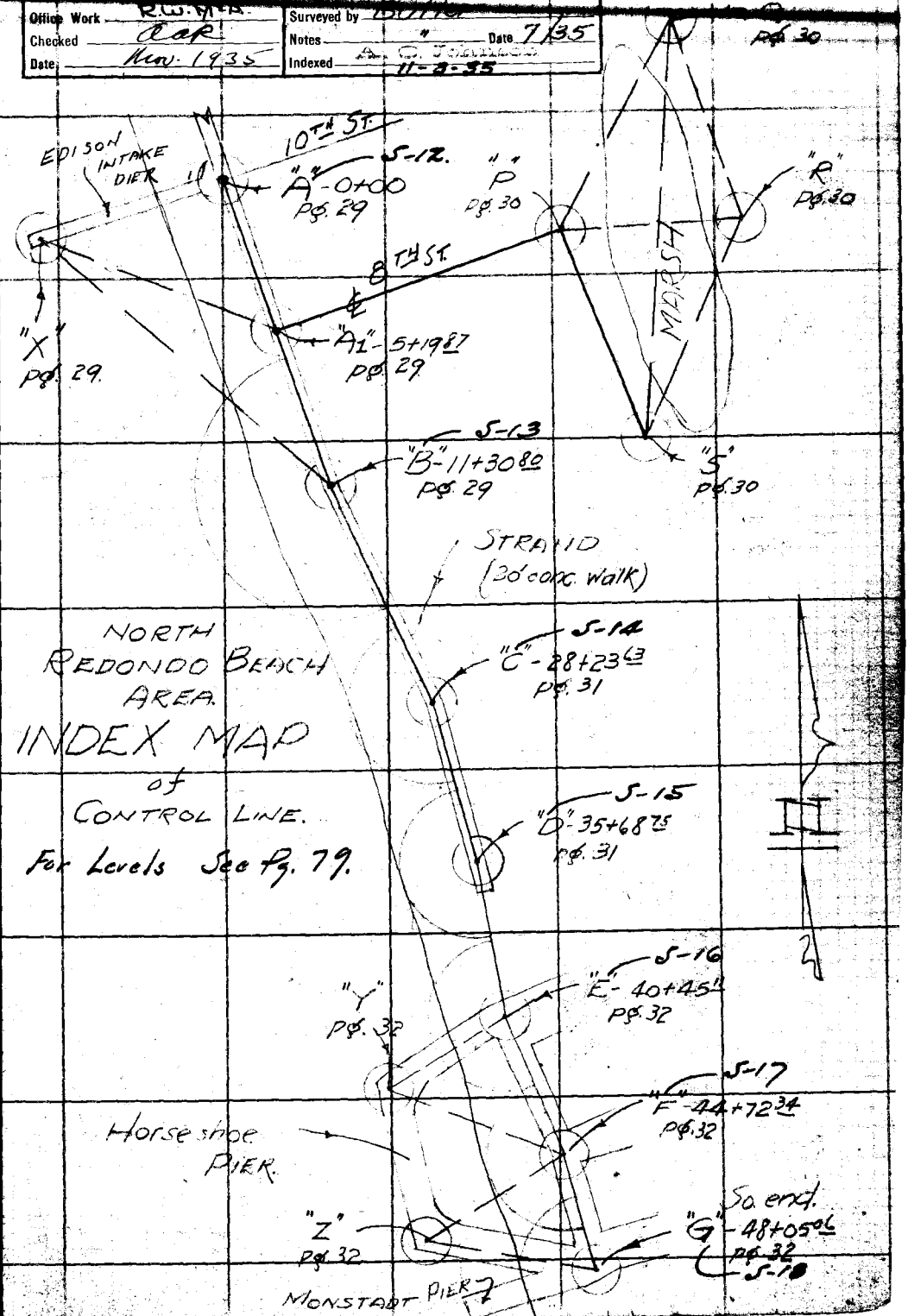
FORM 247 5M 2-34



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.
Do not extend notes this side of this line

218.94

Notes Ck'd by Roeser	Survey of Redondo Bch Yt Hbr F.B. 589 Pg. 27
Mark B-1083-2	W. O. 8102 Tape No ____ St'd 84 °F.
Office Work R.W. McA.	Surveyed by Butler
Checked Aak	Notes " Date 7/35
Date Nov. 1935	Indexed A. C. Johnson 11-8-35



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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RETURN TO LOS ANGELES COUNTY SURVEYOR 700 HALL OF RECORDS

FORM 247 5M 2-34

RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

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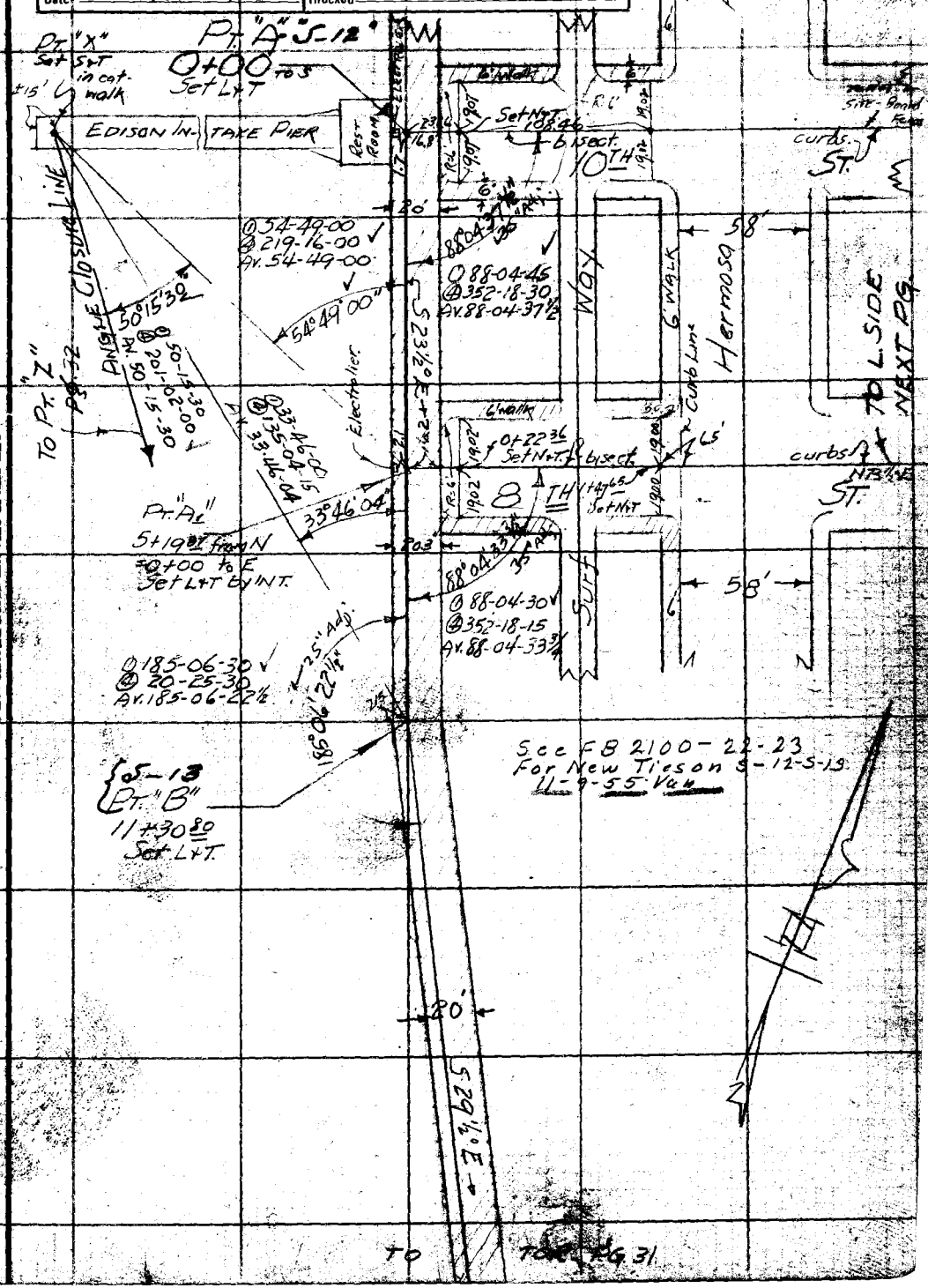
Do not extend notes this side of this line

F.B. 389 R.28

Notes Ck'd by Roeser	Survey of Redondo Bch Yt Hbr F.B. 519 Pg. 29
Map. No. B1083-2-3	W. O. 8102 Tape No 04 St'd 84 of.
Office Work [illegible]	Surveyed by [illegible]
Checked [illegible]	Notes Date 7/35
Date Nov. 1935	Indexed



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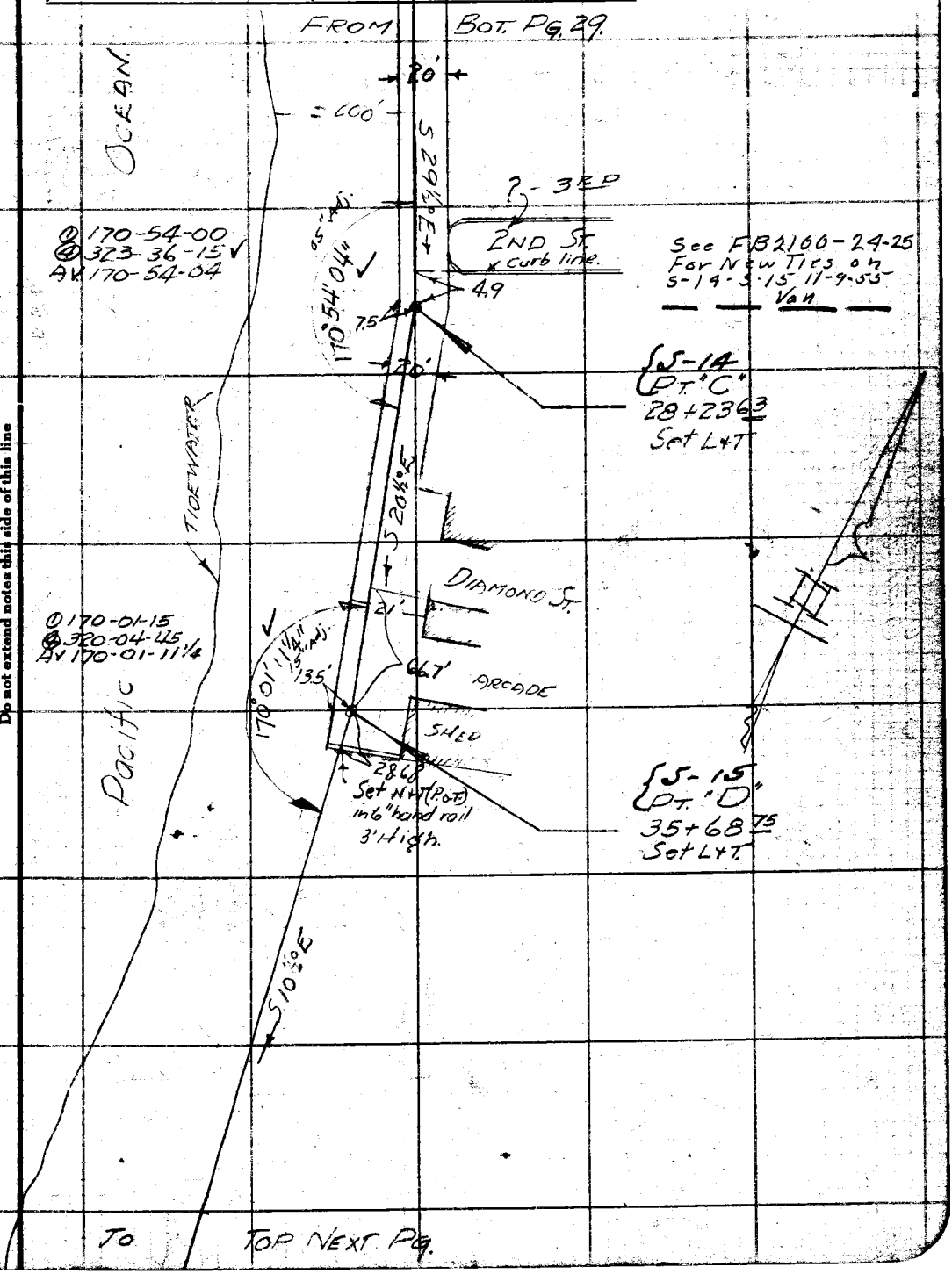
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 2-34

Notes Ck'd by Roeser	Survey of Redondo B-b Y+Ubr
Map No. B-1083-2	W. O. 8102 Tape No 04 St'd 84 °F.
Office Work R.	Surveyed by Butler
Checked	Notes Date
Date Nov. 1935	Indexed A. C. Johnson

F.B. 589 PG. 31



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

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 2-34

RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

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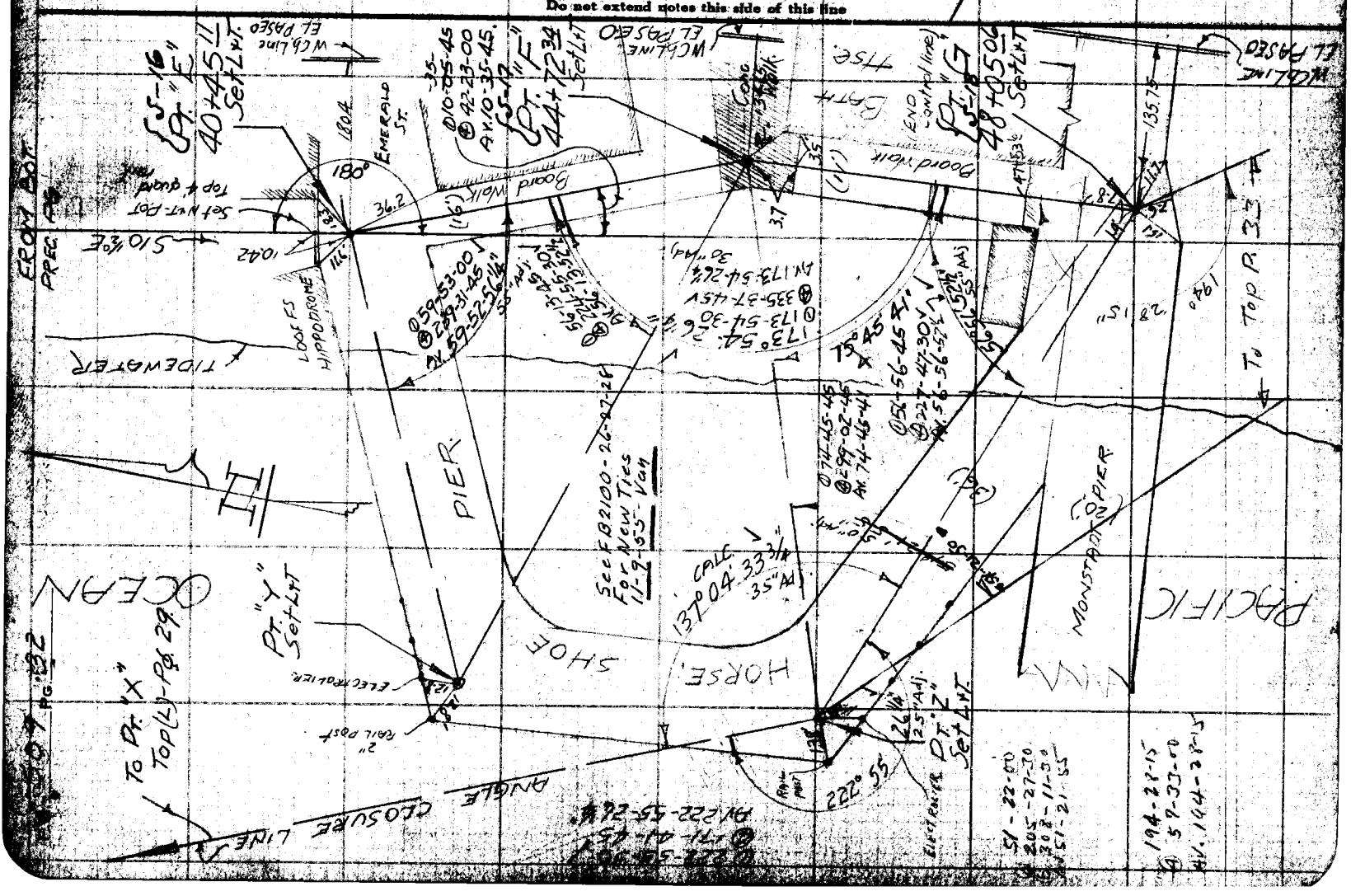
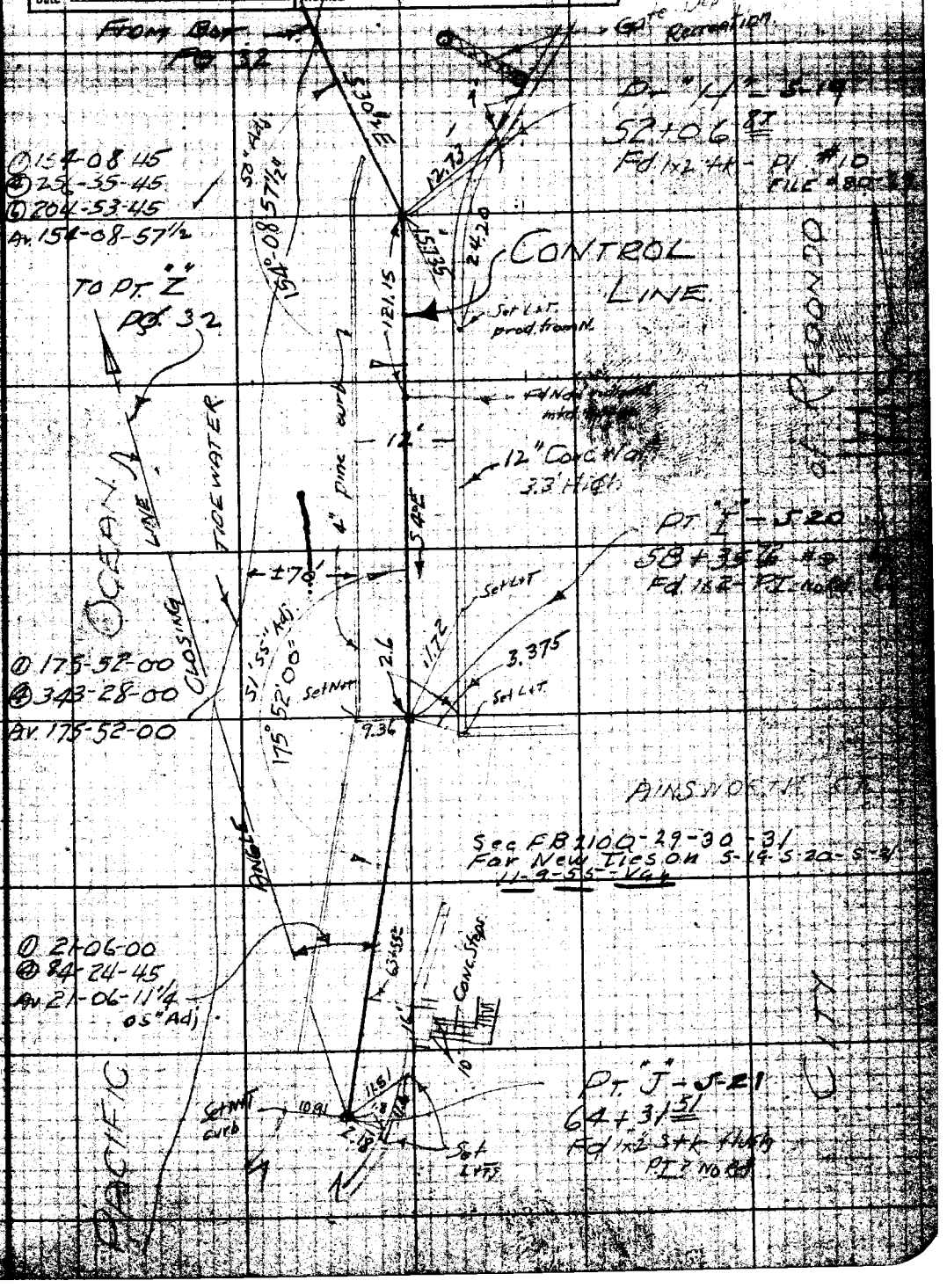
Do not extend notes this side of this line



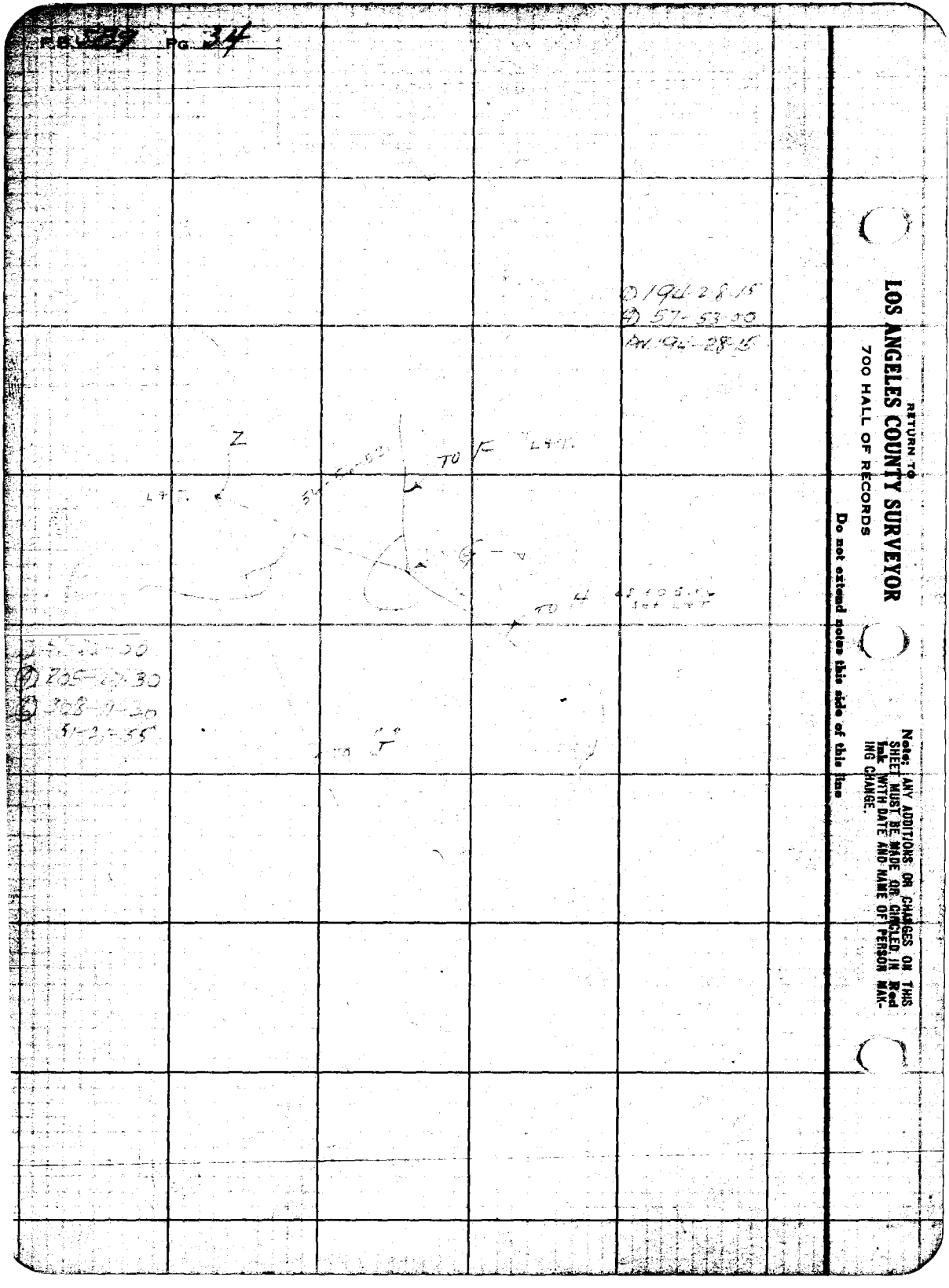
Noted Ck'd by		Survey of Redondo Pt. Hbr.	F.B. 567 Pg.
Map No.	D-1083-2	W. O. 8102 Tape No. 05 St'd 84 of.	
Office Work	E.W.M.A.	Surveyed by Butler	
Checked	[illegible]	Notes	Date [illegible]
Date	Nov. 1935	Indexed A. C. Johnson	



Notes: 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

RETURN TO: LOS ANGELES COUNTY SURVEYOR 700 HALL OF RECORDS



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line
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FORM 247 5M 2-34

RETURN TO
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700 HALL OF RECORDS

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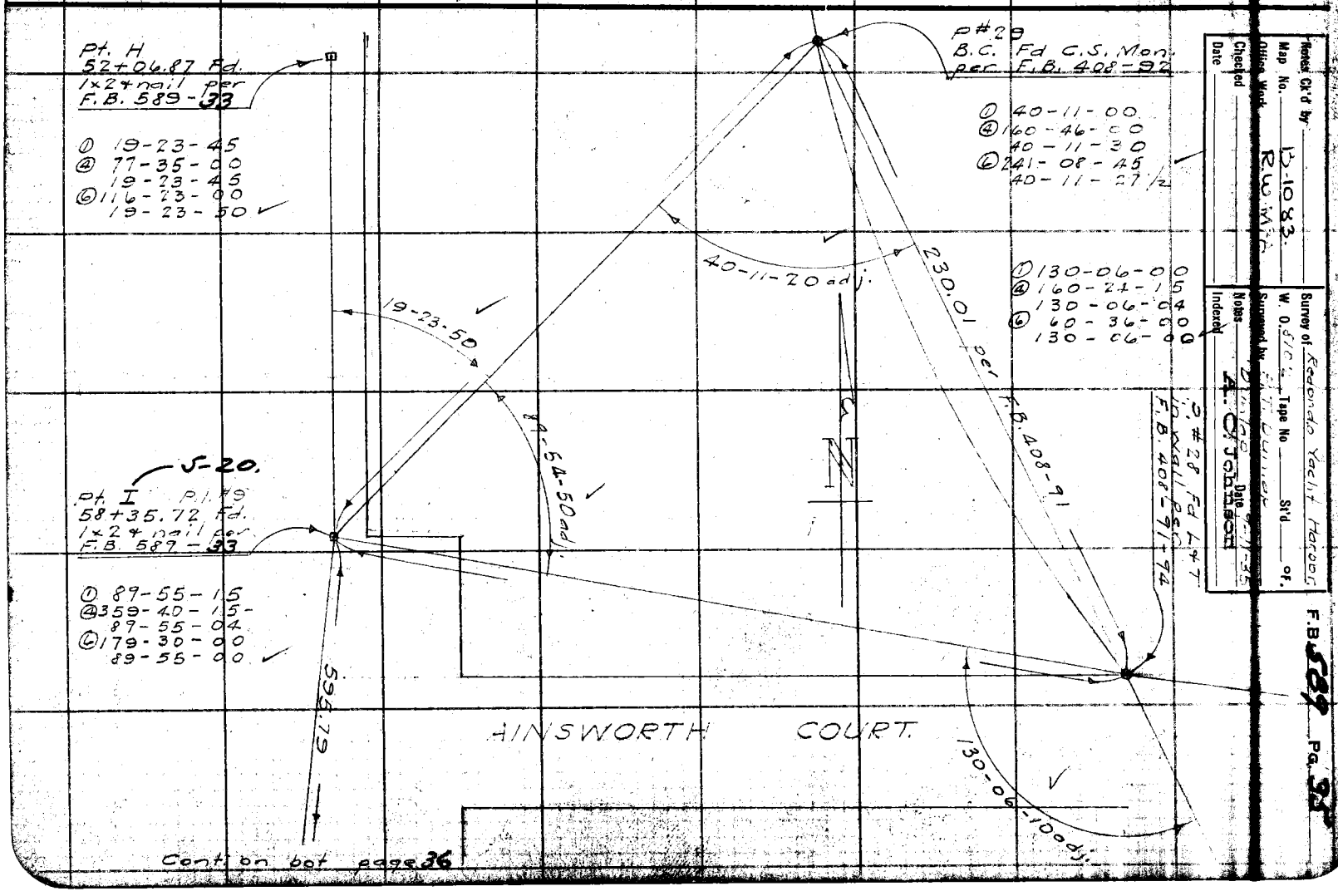


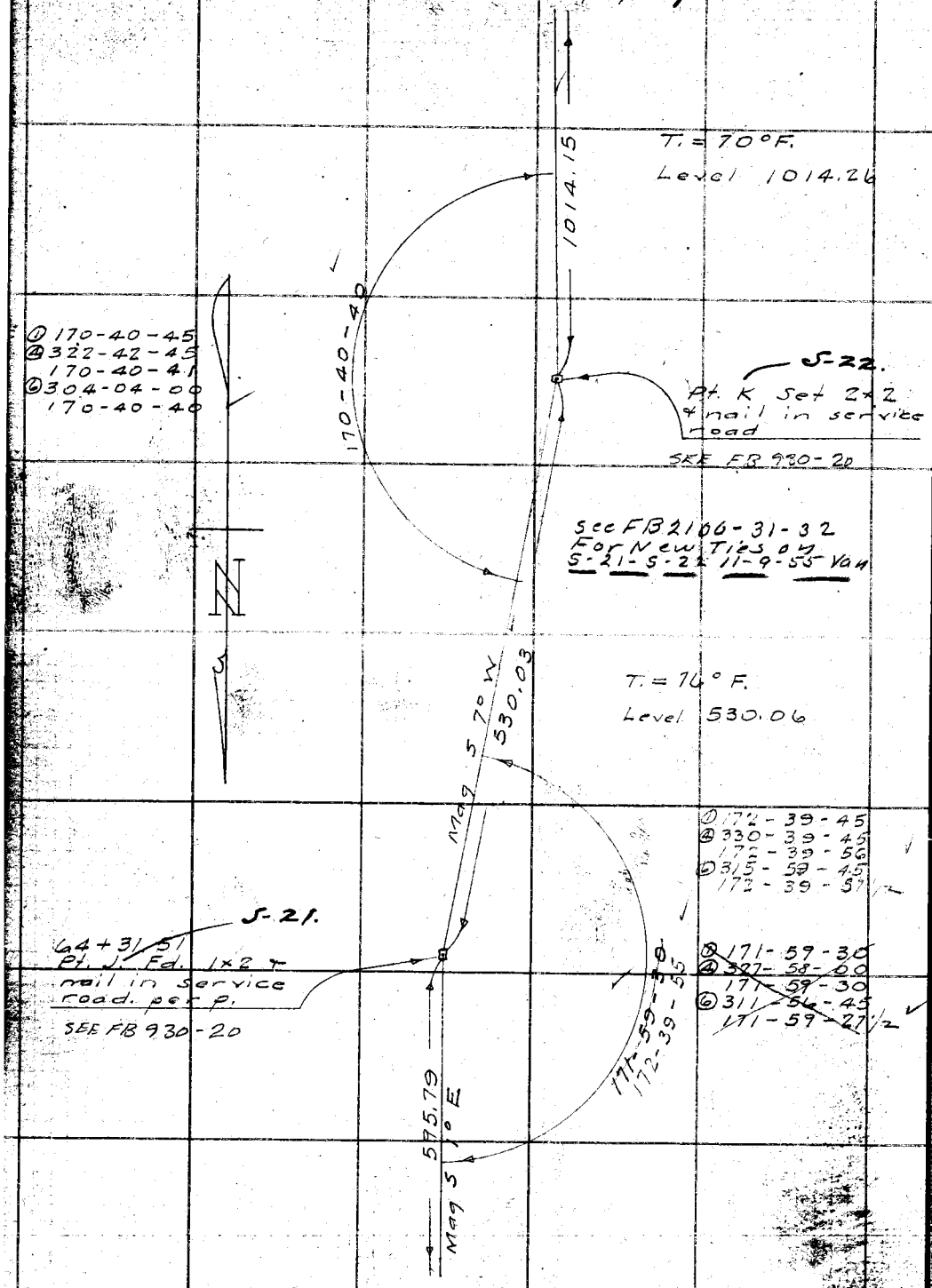
Cont on bot page 36

Notes Ck'd by
Map No. B-1083
Office Work R.W.M.
Checked
Date

Survey of Redondo Yacht Harbor
W. O. 5102 Tape No. St'd of
Surveyed by Dunlap
Notes Date 9-11-35
Indexed A. C. Johnson

F.B. 589 Pg. 95

Cont. on bot page 37



Cont. from page 35 Right

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by	Survey of Redondo Yacht Ho. F.B. 589 Pg. 37
Map No.	W. O. 8102 Tape No 013 St'd 84 °F.
Office Work	Surveyed by P. T. Dunlap
Checked	Notes Dunlap Date 9-23-55
Date	Indexed A. C. Johnson

Cont. on bot. page 38

T. = 74°F
Level 372.15

372.13

Pt. M-1 Fd 1x2 & nail ctr. service road at P. 1.

T. = 74°F
Level 149.87

149.86
Mag S 6-15 W

S-24

Pt. M. Fd 1x2 & nail ctr. service road at P. 1.
SEE FB 930-19

174-18-55

① 174-18-30
④ 337-15-45
174-18-56
⑥ 325-53-45
174-18-57 1/2

T. = 70°F
Level 371.72

371.69
Mag S 1-15 W

See FB 2100-33-34
For New Ties on S-23-S-24
11-9-55-Vay

S-23

Pt. L Fd. 1x2 & nail ctr. of service road at angle pt.
SEE FB 930-19

177-33-55

① 177-34-00
④ 350-15-30
177-33-52 1/2
⑥ 345-23-45
177-33-57 1/2

Mag S 0-45 E
1014.15

Cont. from top page 36

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

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 2-34

F.B. 589 Pg. 38 Cont. on bot. page 39

T. = 70°F.
Level 2074.33

2074.14
Mag S 6-15 W

S-26
Pt. O Set 3x3 Rwd. + nail on beach
SEE FB 930-21
23.56

35.02

Set X in bolt head in conc. cap of storm drain head
SEE FB 930-21
① 170 - 46 - 45
② 323 - 06 - 45
170 - 46 - 47
⑥ 304 - 40 - 15
170 - 46 - 42 1/2

170-46-40

Pt. N-2 Set L.+T. in conc. head wall of 36" C.I.P.
T. = 64°F
Level 299.86

299.82
Mag S 43-15 E

Pt. N-1 Set 3x3 Rwd + nail

See FB 2100-35-36
For New Tension S-25-S26
11-9-55 - Vat

T. = 72°F
Level 2298.12

2297.95

Set B.C. Mon

170-29-10
17.57

S-25
Pt. N. Set 3x3 Rwd. + nail on beach
SEE FB 930-21

① 170-29-15
② 321-56-45
170-29-11
⑥ 302-55-00
170-29-10

20.94

T. = 74°F.
Level 187.56

187.55

Set B.C. Mon

Pt. M-2 set. 3x3 Rwd + nail near S'ly. bdy. Park

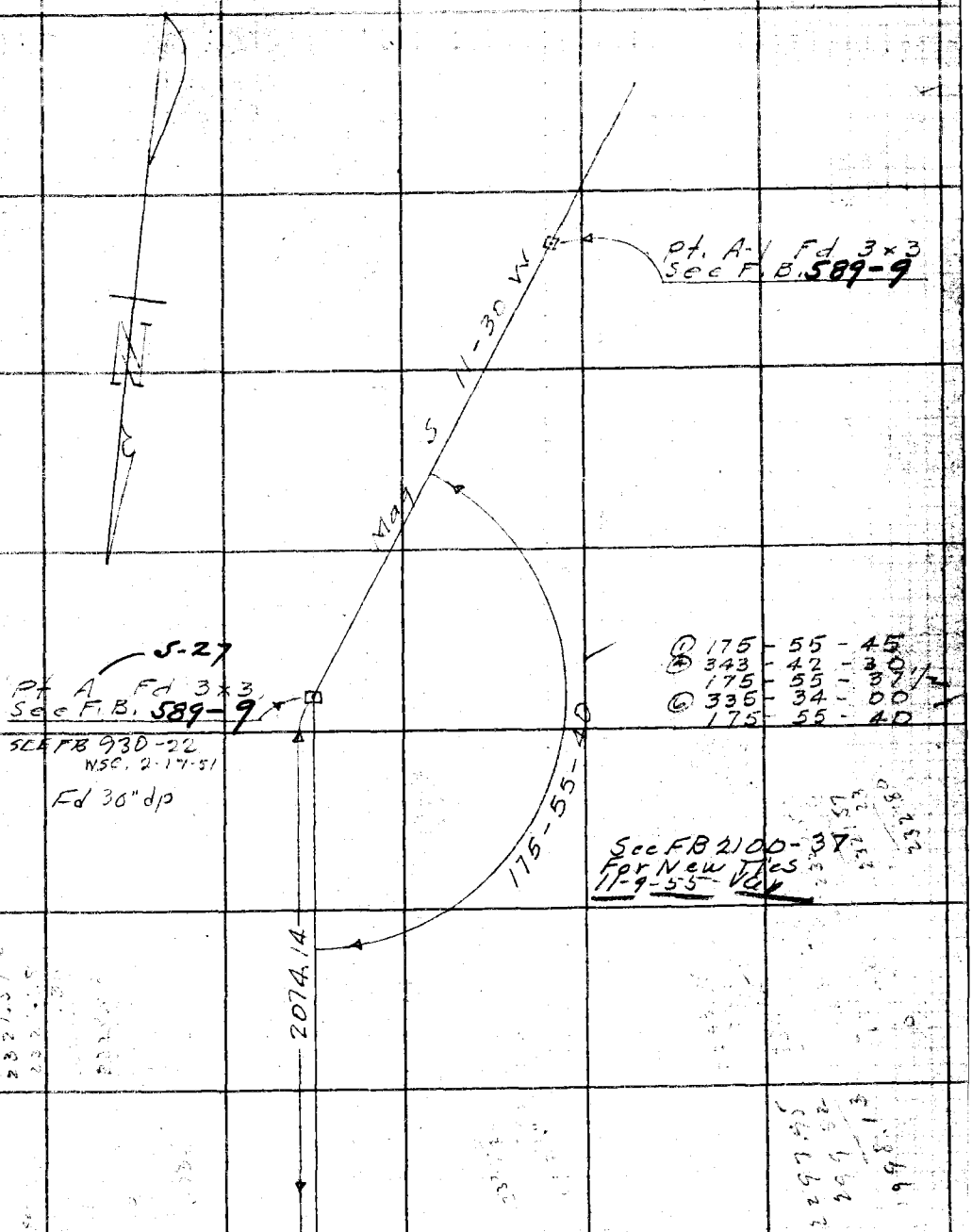
372.13

Cont. from top page 37

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by	Survey of Redondo Yacht Harbor
Map No.	W. O. 8102 Tape No 013 St'd 84 °F.
	Surveyed by P. T. Dunlap
Checked	Notes Dunlap Date 7-25-35
Date	Indexed A. C. Johns

F.B. 589 Pg. 39



Cont from top page 38

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 2-34

RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN **Red Ink** WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

F.B. 609 PG. 40

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.	Time 10:10 to 10:25 A.M.
0+00	3 54			9.23	Pt. A-1 Sta 14+06.81 from N = 0+00
		12 77			Going W. at rt. angles to line from
					Pt. A to A-1 See p. 5
					(South Area)
0+03			127	11 50	Top of Galv. iron sheet top grain
+10			192	10 85	
+17.5			247	10 30	
+25.3			313	9 64	
+32.8			340	9 37	
+39.9			396	8 81	
+47.2			461	8 16	
+47.3			496	7 81	
+54.1			570	7 07	
+62.			626	6 51	
+69.9			659	6 18	
+76.9			690	5 87	
+84.3			723	5 54	
+91.1			741	5 36	
+98.7			789	4 88	
1+06.5			799	4 78	
+14.0			849	4 28	

Profile No. ____ Notes Red Clark Platted Rau MS Job No. 8102 Division No. ____ L.B. 589 Pg. 41
Date ____ Date Dec. 35 Survey of Redondo Yacht Harbor
X-Sec. No. ____ Notes Chkd. ____ Checked Carl Survey by Dunlap Notes P.T.D. Date 10-7-35
Date ____ Date 12-35 Map No. 81083-5 Indexed G. Johnson Date 11-8-35

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.			
		12 77					
1 + 21.0			8 78	399	Top groin		
+ 21.1			8 68	409			
+ 28.8			8 87	390			
0 + 03			3 5	93	Beach at. Base of Groin	N. side	
			3 5	93	" " "		S. side
+ 10			4 0	88		"	"
			4 0	88			"
+ 17.5			4.4	84		"	
			4.4	84			"
+ 25.3			4.4	84		"	
			4.2	85			"
+ 32.8			5.4	74		"	
			5.1	77			"
+ 39.9			6.0	68		"	
			5.7	71			"
+ 47.2			6.7	61		"	
			6.4	64			"
+ 54.1			7.4	54		"	
			7.3	55			"

L.B. 589 P.G. 42 Job. No. 8102 Division No. ___ Notes Red Rar Plotted RW McC Profile
Survey of Redondo Yacht Harbor Date ___ Date Dec. 35 No. ___
Survey by Dunlap Notes Dunlap Notes Chkd. ___ Checked Rar X-Sec.
Indexed C. Johnson Date 10-7-35 Date 12-35 No. ___

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
		12.77				
0+62.0			8.0	48	Beach at Base of Groin	N. Side
			8.2	46		S. Side
+69.9			8.5	43		"
			8.6	42		"
+76.9			9.1	37		"
			9.2	36		"
+84.3			9.6	32		"
			9.7	31		"
+91.1			10.1	27		"
			10.1	27		"
+98.7			10.8	20		"
			10.8	20		"
+06.5			10.9	19		"
			10.6	22		"
+14.0			11.3	15		"
			11.4	14		"
+21.0			12.1	07		"
			12.1	07		"
+28.8			11.3	15		"
			11.4	14		"

Profile No. ____ X-Sec. No. ____

Notes Red. [illegible] Platted R.W.M. Job No. 8102 Division No. ____ Date ____ Date Dec [illegible] Survey of Redondo Yacht Harbor Notes Chkd. ____ Checked [illegible] Survey by [illegible] Notes [illegible] Date 10-7-35 Date ____ Date 12-35 Map No. B-083-5 Indexed ____ Date ____

L. B. 589 Pg. 4[illegible]

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.	Time 1:30 to 1:50 P.M.
0+00	1.23	16 36		15 13	Pt. N-1 = 0+00 Going W. at rt. ∠s to Line from N to O See p. (Pg. 38)
0+04.8			0 44	15 92	Top Groin
+11.9			1 41	14 95	
+12.0			1 33	15 03	
+19.6			2 13	14 23	
+26.9			3 10	13 26	
+34.3			4 16	12 30	
+41.6			5 09	11 27	
+49.0			5 31	11 05	
+49.1			5 53	10 83	
+56.9			6 25	10 11	
+57.0			6 39	9 97	
+64.2			7 18	9 18	
+64.3			7 35	9 01	
+71.7			8 40	7 96	
+79.2			9 20	7 16	
+86.6			10 00	6 36	
+93.6			10 66	5 70	
+93.7			10 58	5 78	

L.B. 589 P.G. 44 Job. No. 8102 Division No. Notes Red Gear Plotted R.W. McS Profile
Survey of Redondo Yacht Harbor Date 12/9/35 No. B1083-5
Survey by Dunlap Notes Dunlap Notes Chkd. Checked Gear X-Sec.
Indexed C. Johnson Date Date 12-35 No.

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
		16 36				
1+01.2			1092	5 44	Top Groin	
+09.0			1140	4 96	" "	
+16.8			1170	4 66	" "	
+24.5			1203	4 33	" "	
+31.6			1220	4 16	" "	
+38.9			127	3 66	" "	
0+04.8			23	14 1	Beach at base groin	N. Side
			21	14 3		S. Side
+11.9			31	13 3		"
			31	13 3		"
+19.6			44	12 0		"
			41	12 3		"
+26.9			56	10 8		"
			53	11 1		"
+34.3			63	10 1		"
			61	10 3		"
+41.6			68	9 6		"
			66	9 8		"

Profile No. ____ Notes Red. [illegible] Platted R.W.M. Job No. 8102 Division No. ____ L.B. 589 Pg. 65
Date ____ Date Dec. '35 Survey of Redondo Yacht Harbor
X-Sec. No. ____ Notes Chkd. ____ Checked [illegible] Survey by [illegible] Notes ____ Date 10-7-35
Date ____ Date 11-35 Map No. [illegible] Indexed ____ Date ____

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
		16 36				
0+47.0			6.9	9 5 ✓		N. Side
			7 0	9 4 ✓		S. Side
+56.9			7 9	5 ✓		✓
			8 0	8 4 ✓		✓
+64.2			10 5	5 9 ✓		✓
			10 4	0 ✓		✓
+71.7			10.7	5 7 ✓		✓
			10 9	5 5 ✓		✓
+79.2			11 5	4 9 ✓		✓
			11 4	5 0 ✓		✓
+86.6			12 2	4 2 ✓		✓
			12 2	4 2 ✓		✓
T. P.	3 44	1 1 11 ✓	8 69	7 67 ✓		
+93.6			7 6	3 5 ✓		✓
			7 5	3 6 ✓		✓
1+01.2			8 1	3 0 ✓		✓
			8 0	3 1 ✓		✓
+09.0			8 9	2 2 ✓		✓
			8 7	2 4 ✓		✓
						✓

L.B. 89 P.G. 46 Job. No. 8102 Division No. Notes Red AAR Plotted R.W.McC. Profile
Survey of Redondo Yacht Harbor Date Date Dec. '35 No.
Survey by Dunlap Notes Dunlap Notes Chkd. Checked AAR X-Sec.
Indexed Date Date 12-26 No.

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
		11 11				S. Side
1+16.8			96	15		N. Side
			96	15		
+24.5			98	13		
			98	13		
+31.6			104	07		
			103	08		
+38.9			106	05		
			105	06		

Profile No. ____ Notes Red [illegible] Platted [illegible] Job No. 8102 Division No. ____ L.B. 589 Pg. 47
Date ____ Date 12-35 Survey of Redondo Light Harbor
X-Sec. No. ____ Notes Chkd. ____ Checked [illegible] Survey by [illegible] Notes [illegible] Date [illegible]-35
Date ____ Date 12-35 Map No. [illegible] Indexed [illegible] Date [illegible]

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.	Time 2:05 to 2:25 P.M.
0+00	1 81	15 15		13 34	Pt. A sta 0+00 Going S. = 0+00 Going W. at rt. A to line from A to B. see p. 9
① 0+09.5			0 58	14 57	Top Groin
② +16.0			1 73	13 42	
③ +22.9			2 70	12.45	
④ +29.7			3 29	11 86	
⑤ +37.2			4 05	11 10	
+37.3			4 18	10 97	
⑥ +44.5			4 75	10 40	
⑦ +51.3			5 46	9 69	
⑧ +58.5			6 32	8 83	
⑨ +64.8			6 80	8 35	
⑩ +72.0			7 34	7 81	
⑪ +79.2			7 85	7 30	
+79.3			8 25	6 90	
⑫ +87.2			8 50	6 65	
⑬ +94.5			9 10	6 ~~45~~ 0	6.05
⑭ 1 +01.8			9 54	5 61	
⑮ +09.1			10 00	5 15	

L.B. 589 P.G. 48 Job. No. 8102 Division No. Notes Red [illegible] Plotted R.W.McC Profile
Survey of Redondo Yacht H. Date Date Dec. '35 No.
Survey by Dunlap Notes Dunlap Notes Chkd. Checked [illegible] X-Sec.
Indexed A. C. Johnson Date Date 12-35 No.

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
		15 15				
(16) 1+16.3			1032	485	Top Groin	
(17) +24.0			1065	450	✓	
(18) +31.6			1074	441	✓	
(19) +38.7			1102	413	✓	
(20) +46.0			1114	401	✓	
(1)			34	113	Beach at base Groin	N. Side
			32	120		S. Side
(2)			44	108		✓
			44	108		
(3)			57	95		✓
			54	98		
(4)			62	90		✓
			57	95		✓
(5)			62	90		✓
			60	92		✓
(6)			62	90		✓
			62	90		✓
(7)			66	86		✓
			68	84		✓

Profile No. ____ Notes Red. ____ Platted RWM Job No. 8102 Division No. ____ L. B. 589 Pg. 49
Date ____ Date Dec '35 Survey of Redondo Yacht Harbor
X-Sec. No. ____ Notes Chkd. ____ Checked [illegible] Survey by Dunlap Notes D Date 10-7-35
Date ____ Date 12-35 Map No. B1063-5 Indexed A. C. Johnson Date ____

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
		15 15				
(8)			78	74	Beach at base Groin	N. Side
			75	77		S. Side
(9)			86	66		
			82	70		
(10)			73	59		
			91	61		
(11)			97	5[illegible]		
			98	54		
T.P.	364		782	733		
		10 97				
(12)			64	46		
			65	45		
(13)			70	40		
			71	39		
(14)			76	34		
			76	34		
(15)			80	30		
			80	30		
(16)			85	25		
			85	25		

L.B. 589 P.G. 50 Job. No. 8102 Division No. ____ Notes Red RAR Plotted R.W. McP Profile
Survey of Redondo Yacht Harbor Date ____ Date Dec. '35 No. ____
Survey by Dunlap Notes Dunlap Notes Chkd. ____ Checked RAR X-Sec.
Indexed C. Johnson Date ____ Date 12-35 No. ____

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
		10 97	✓			
(17)			98	12 ✓		N. Side
			99	11 ✓		S. Side
(18)			102	08 ✓		✓
			102	08 ✓		✓
(19)			102	08 ✓		✓
			103	07 ✓		✓
(20)			101	08 ✓		✓
			101	07 ✓		✓

Profile No. ____ Notes Red. [illegible] Platted R.W. McJ Job No. 8102 Division No. ____ L.B. 589 Pg. 51
Date ____ Date Dec. '35 Survey of Redondo Pacific Harbor
X-Sec. No. ____ Notes Chkd. ____ Checked [illegible] Survey by [illegible] Notes [illegible] Date 10-1-35
Date ____ Date 12-35 Map No. [illegible] Indexed [illegible] Date ____

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.	Profile of Beach at Base of Groin	
0+00	250			9 23	Pt. A-1.	
		11 73				
+03			29	88		N. SIDE
			29	88		S. SIDE
+10			38	79		
			38	79		
+17.5			47	70		
			47	70		
+25.3			53	64		
			53	64		
+32.8			58	59		
			58	59		
+39.9			63	54		
			63	54		
+47.2			66	51		
			66	51		
+54.1			69	48		
			69	48		
+62			71	46		
			71	46		

L.B. 589 P.G. 52 Job. No. 8102 Division No. Notes Red [illegible] Plotted RW McA Profile
Survey of Redondo Yacht Harbor Date Date Dec '35 No.
Survey by Dunlap Notes Dunlap Notes Chkd. Checked [illegible] X-Sec.
Indexed C. Johnson Date 10-14-35 Date Date 12-35 No.

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
		11 73				
0+69.9			75	42		N. SIDE
			74	43		S. SIDE
+76.9			78	39		
			78	39		
+84.3			82	35		
			80	37		
+91.7			85	32		
			82	35		
+98.7			87	30		
			85	32		
1+06.5			90	27		
			89	28		
+14.0			92	25		
			92	25		
+21.0			96	21		
			93	24		
+28.8			96	21		
			99	18		

West End of North.

Grain Loading

Profile
No. ____ Notes Red. [illegible] Platted R.W.M. Job No. 8102 Division No. ____ L.B. 589 Pg. 53
Date ____ Date Dec. '35 Survey of Redondo [illegible]
X-Sec. No. ____ Notes Chkd. ____ Checked [illegible] Survey by [illegible] Notes D Date 10-14-35
Date ____ Date 12-35 Map No. B-[illegible] Indexed C. Job Date ____

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

L.B. 589 P.G. 54 | Job. No. 8102 Division No. ____ Notes Red ____ Date ____ Plotted R.W.M. Date Dec. '35 Profile No. ____
Survey of Redondo Yacht Harbor | Notes Dunlap Date 10-14-35 Notes Chkd. ____ Date ____ Checked ____ Date 12.35 X-Sec. No. ____
Survey by Dunlap
Indexed C. Johnson

STATION	B.S. +	H.I.	F.S −	ELEV.		
0+00	1 48		✓	13 34	✓ Pt. A	
		14 82				
0 + 09.5			2 9	11 9	Profile of Beach on N. Side Groin	
			2 8	12 0	" " "	S. Side "
+16			4 0	10 8		"
			4 0	10 8		"
+22.9			4 7	10 1		
			4 6	10 2		
+29.7			6 2	8 6		
			6 2	8 6		
+37.2			6 8	8 0		
			6 8	8 0		
+44.5			7 7	7 1		
			7 7	7 1		
+51.3			8 4	6 4		
			8 4	6 4		
+58.5			8 9	5 9		
			8 9	5 9		
+64.8			9 2	5 6		
			9 3	5 5		

Form 307 5M 10-34

PLEASE RETURN TO
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700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
		14 82				
0 + 72.0			96	52		N SIDE
			95	53		S. SIDE
+79.2			99	49		
			98	50		
+87.2			103	45		
			101	47		
+94.5			107	41		
			104	44		
1 + 01.8			110	38		
			107	41		
+09.1			113	35		
			111	37		
+16.3			117	31		
			115	33		
+24.0			119	29		
			119	29		
T.P.	590	980	1092	390		
			73	25		
+31.6			73	25		

W. End of Groin Leaning
N. Last Section
Laying flat on
Beach.

Profile
No. ____ Notes Red. Rak Platted R.W. Ms Job No. 2102 Division No. ____ L.B. 589 Pg 55
Date ____ Date Dec '35 Survey of ____
X-Sec. Notes Chkd. ____ Checked Rak Survey by ____ Notes ____ Date ____
No. ____ Date ____ Date 12-35 Map No. DIO83-5 Indexed ____ C. Job Date ____

L.B. 589 P.G 56 | Job. No. 8107 | Division No. ____ | Notes Red aur | Plotted RW McC | Profile

Survey of Redondo Yacht Harbor | Date ____ | Date Dec. '35 | No. ____

Survey by Dunlap | Notes Dunlap | Notes Chkd. ____ | Checked aap | X-Sec.

Indexed C. Johnson | Date 10-14-35 | Date ____ | Date 12-35 | No. ____

Form 307 5M 10-34

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Do not extend notes this side of this line

STATION	B.S.	H.I.	F.S	ELEV.		
1+38.7		980				
1+46.0			75	23		
			75	23		
			78	20		
			76	22		
						N. SIDE
						"
						S SIDE
						"

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700 HALL OF RECORDS

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Do not extend notes this side of this line

STATION	B. S. +	H. I.	F. S	ELEV. −		
0+00	14.5	16 58		15 13	pt N-1.	
0+04.8			24	14 2	Beach at base grain	N. SIDE
			24	14 2		S. SIDE
+11.9			32	13 4		
			32	13 4		
+19.6			43	12 3		
			43	12 3		
+26.9			53	11 3		
			53	11 3		
+34.3			65	10 1		
			64	10 2		
+41.6			78	8 7		
			78	8 7		
+49.0			87	7 7		
			87	7 7		
+56.9			98	6 8		
			97	6 9		
+64.2			104	6 2		
			102	6 4		

Profile No. ____ Notes Red. [illegible] Platted R.W. McE Job No. 8107 Division No. ____ L. B. 589 Pg. 57
Date ____ Date D[illegible] Survey of [illegible]
X-Sec. No. ____ Notes Chkd. ____ Checked [illegible] Survey by ____ Notes ____ Date ____
Date ____ Date 12-35 Map No. [illegible] Indexed A. C. Johnson Date ____

Form 307 5M 10-34

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700 HALL OF RECORDS

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Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
		16 58				
0 + 71.7			11 0	36		N. SIDE
			10 8	58		S. SIDE
+ 79.2			11 6	50		"
			11 5	51		"
+ 86.6			12 1	45		"
			12 1	45		"
+ 93.6			12 5	41		"
			12 4	42		"
					Groin has been destroyed beyond this point.	

For Later Levels on Groins
See Pg. 97.

B 589 P.G. 58 Job. No. 8102 Division No. ___ Notes Red [illegible] Date Dec. '35 No. ___ Profile
Survey of Redondo Yacht Harbor Date ___ Notes Chkd. ___ Checked [illegible] X-Sec. ___
Survey by Dunlap Notes Dunlap Date 10-14-35 Date 12-35 No. ___
Indexed A. C. Johnson

Notes Ck'd by	Survey of
Map No.	W. O. Tape No St'd of
Checked	Notes Date
Date	Indexed A. C. Johnson

F.B. 399 Pg. 39

Note: ANY ADDITIONS OR CHANGES OF THIS SHEET MUST BE MADE OR CHECKED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
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700 HALL OF RECORDS

FORM 247 5M 2-34

F.B. 589 PG. 60

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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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.

Profile No. | Notes Rcd. | Platted | Job No. 8102 | Division No. | L. B. 589 Pg. 61
Date | Date | Survey of Redondo Beach Yacht Hbr.
X-Sec. No. | Notes Chkd. | Checked | Survey by Butler | Notes GWK | Date 7-24-35
Date | Date | Map No. | Indexed | Date 8-5-35

Note: The datum of these notes is Mean Lower Low Water – 2.800 ft. below U.S.G.S + U.S.C.+G.S. datum. (Mean Sea Level)

J.N. 8102

Redondo Beach Yacht Harbor
(B.M. LEVELS) inc. profile to Sta 45+
Malaga Cove Area pg. 63-78 inc.
N. Redondo Beach Area pg. 79-92
→ PG. 27 for Control LINE
→ PG. 7 " " "

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

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700 HALL OF RECORDS

Form 307 5M 10-34

L.B. 589 P.G. 62 | Job. No. | Division No. | Notes Red M. H. C. | Plotted | Profile

Survey of | Date AUG 6 1935 | Date | No.

Survey by | Notes | Notes Chkd. W. E. DARLING | Checked | X-Sec.

Indexed A. C. Johnson | Date | Date AUG 7 1935 | Date | No.

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

Form 307 5M 10-34

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700 HALL OF RECORDS

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Form 307 5M 10-34

PLEASE RETURN TO
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700 HALL OF RECORDS

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Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
U.S.B.M. #1282	2344	67024		61880 + 2800 = 64680	→ Walsh's elev., 1933 61.880 U.S. Elev. 64.680 M.L.L. Water BM- U.S. 1282. Estab'd by U.S.C. + G.S. in 1925 No. V-50. Redondo Beach 1¼ miles S. of 4 ft. E. of Palos Verdes-Redondo R.E. Cor. line, 60 ft. N. of Palo Verde Bus Station, 30 ft. S. of Wilmington Redondo Hwy. and 20 ft W. of Palo Verde-Redondo Hwy., Standard bronze disc set in concrete pier. Field elev. 61.549	
1. T.P.	2909	64340	5.593	61431 61.432		
2. T.P.	3177	61277	6.240	58100 58.102		
3. T.P.	3198	58276	6.199 ?	55078 55.081		
4. T.P.	3047	55145	6.178	52098	52.102	Note: The datum of these notes is Mean Lower Low Water - 2,800 ft. below U.S.G.S. + U.S.C.+G.S. datum. (Mean Sea Level)
5. T.P.	3164	51467	6.842	48303	48.308	
6. T.P.	6060	51707	5.820	45647	45.653 BM- Set L+T in southerly curb of lone street opposite center of main entrance to Riviera Beach Club Bldg.	
7. T.P.	2690	52747	1.650	50057	50.061 T.B.M. set 2x2 and nail near S.E. Cor. of club bldg. between fire hydrant & W'ly curb of street. 2.0' ± from [illegible]	
8. T.P.	0610	46007	7.350	45397	45.400	
9. T.P.	0740	39424	7.323	38684	38.689	
10. T.P.			10971	28453	28.457 Adj. Elev.	

Cont'd on pg. 64

Profile No. ____ Notes Red. ____ Platted ____ Job No. 8102 Division No. ____ L.B. 589 Pg. X-63
X-Sec. No. ____ Date AUG ____ Date ____ Survey of Redondo Yacht Harbor
Notes Checked ____ Survey by Butler Notes ____ Date 7-24-25
Date ____ Date ____ Map No. ____ Indexed A. C. Johnson Date ____

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION		B. S.	H. I.	F. S	ELEV.	
					28453	Brot fwd. 28.457 Adj. Elev.
		0875	29328			
11.	T.P.			11338	17990	17.995
		3370	21360			
12.	T.P.			4050	17280	17.284 Thurs. A.M. 7-25-35
		4332	21612			
B.M.	T.P.			3535	18077	18.081 Standard C.S. Mon. set for tie to Pt. "A" = 3x3 stake and nail = Sta. 0+00 for traverse line. C.S. Mon. = R.P. #2 S.
		3857	21934			
B.M.	T.P.			2522	19412	19.416 Standard C.S. Mon. set for tie to Pt. "A" = 3x3 stake and nail = Sta. 0+00 for traverse line C.S. Mon. = R.P. #1 North.
		1894	21306		19412	Returning circuit to Gov't bench.
13.	T.P.			4075	17231	17.235
		3114	20345			
11.	T.P.			2354	17991	17.995 See T.P. [illegible]
		11247	29238			
10.	T.P.			0786	28452	28.457 See T.P. on pg. 63
		11068	39520			
9.	T.P.			0835	38685	38.689 " " " "
		7950	46635			
8.	T.P.			1241	45394	45.400 Adj. Elev. " " " "
		7540	52934			Cont'd on pg. 65

E.B. 589 P.G. 64 Job No. 8102 Division No. Notes Red M. H. C. Plotted Profile
Survey of Redondo Beach Yacht Harbor Date AUG 6 1935 Date No.
Survey by S.E. Butler Notes Kleineck Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date AUG 7 1935 Date No.

Form [illegible]7 5M 10[illegible]4

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line

STATION		B. S.	H. I.	F. S	ELEV.		
			52934			Brot. fwd.	
7.	T.P.			2877	50057	50.061 adj. Elev. 2x2 T.B.M. See pg. 63	
		1804	51861				
6.	T.P.			6210	45651	45.653 B.M. = L.+T. set in Curb in front of entrance to Club House. See pg. 63	
		4196	49847				
14.	T.P.			2275	47572	47.575	
		5475	53047				
15.	T.P.			2901	50146	50.150	
		6227	56373				
16.	T.P.			3084	53289	53.294	
		6111	59400				
17.	T.P.			2660	56740	56.746	
		6293	6[illegible]033				
18.	T.P.			3475	59558	59.566	
		6107	65665				
19.	T.P.			3432	62233	62.242 Adj. Elev.	
		5726	67959				
	B.M.			3289	64670	64.680 M.L.L. Water Check in on initial bench - U.S. 1282 See pg. 63	61.880 U.S. Elev

Notes Cont'd on pg. 66

Profile No. ____ Notes Red. ____ Platted ____ Job No. 8[illegible] Division No. ____ L.B. 589 Pg. 3 63
X-Sec. No. ____ Date AUG [illegible] Date ____ Survey of Redondo Beach Pacific Harbor
Note Chkd. [illegible] Checked ____ Survey by [illegible] Notes [illegible] Date [illegible] 3
Date [illegible] Date ____ Map No. [illegible] Indexed ____ Date ____

Form 307 5M 10-34

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S	ELEV.		
	0588	20000		19412	19.416 Adj. Elev. B.M. = { G.S. Mon. = R.P. #1 North for Pt. "A" See pg. 64	
Pt. "A" = 0+00			667	13333	3X3 hub (Rod on nail)	
1+00			6863	13137	13.140 T.P. - 2X2. (20)	
	2404	15541				
2+00					2X2	See Note p.63
3+00						
4+00			2116	13425	13.428 T.P. - 2X2 (21)	
	2716	16141				
5+00					2X2	
6+00						
7+00			4740	11401	11.403 T.P. - 2X2 (22)	
	3522	14923				
8+00					2X2	
9+00						
10+00			4680	10243	10.244 T.P. - 2X2 (23)	
	3859	14102				
11+00					2X2	
12+00						
13+00			4599	9503	9.504 Adj Elev. T.P. - 2X2 (24)	

Notes Cont'd on pg. 67

L.B. 589 P.G. 664 Job. No. 8102 Division No. Notes Red M. H. C. Plotted Profile
Survey of Redondo Beach Yacht Harbor Date AUG 6 1935 Date No.
Survey by S.E. Butler Notes Meineck Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date AUG 7 1935 Date No.

Form 307 5M 10-34

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STATION	B. S.	H. I.	F. S	ELEV.		
				9.503	9.504 Adj. Elev. Brot ford. Elev. Sta 13+00	(24)
	4224	13727				
14+00					2X2	
+07±			4.501	9226	P.O.T. A1 = 3x3 (Rod on nail)	
15+00					2X2	
16+00			5.198	8529	T.P. - 2X2	(25)
	8202	16731			16.428	
B.M.			0.303	16428	Set L.+T. in top of wall - S.E. Cor. of conc box anchoring 30" Corr. pipe storm Drain on Left of line opp. Sta. 15+85.	
	1554	17982			8.971	
17+00			9.012	8970	T.P. - 2X2	(26)
	4427	13397				
18+00					2X2	
19+00					8.977	
20+00			4.423	8974	T.P. - 2X2	(27)
	5066	14040				
21+00					2X2	
22+00					9.352	
23+00			4.692	9348	T.P. - 2X2	(28)
	4203	13501			9.364 Adj Elev.	
23+76.75			4.193	9358	P.O.T. A2 = 3x3 (Rod on nail)	(29)
	2647	12005			Notes Cont'd on pg. 68	

Profile No. ____ Notes Red. ____ Platted ____ Job No. 8102 Division No. ____ L.B. 589 Pg. 567
X-Sec. No. ____ Date AUG 6 Date ____ Survey of Redondo Beach Yacht Harbor
Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____
Date ____ Date ____ Map No. ____ Indexed A. C. Tch Date ____

Form 307 5M 10-34

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L.B. 589 P.G. 8 Job No. 2 Division No. Notes Red M. H. C. Plotted Profile No.
Survey of Redondo Beach Yacht Harbor Date AUG 6 1935 Date X-Sec. No.
Survey by S.E. Butler Notes B. Rowell Notes Chkd. Checked
Indexed A. C. Johnson Date Date 1935 Date

STATION	B. S.	H. I.	F. S	ELEV.		
		12.905 ✓			Spot Grd	
24+00			2828	4177 ✓	9.184 Adj Elev ✓ T.P. - 2X2	(30)
	3639	12816 ✓				
25+00					2X2	
26+00						
27+00			3855	8851 ✓	8.960 ✓ T.P. - 2X2	(31)
	4360	13211 ✓				
28+00					2X2	
29+00						
30+00			4762	8549 ✓	8.559 ✓ T.P. - 2X2	(32)
	4735	13284 ✓				
31+00					2X2	
32+00						
33+00			4568	8716 ✓	8.728 ✓ T.P. - 2X2	(33)
	5280	14000 ✓				
Pt. "B"			3030	10970 ✓	10.982 ✓ Pipe at ∡ pt in line (Rod on nail)	
B.M.			1237	12763 ✓	12.776 ✓ Standard C.S. Mon set for tie to Pt "B" = R.P. #1	
	2434	13697 ✓				
B.M.			2370	11327 ✓	11.340 Adj. Elev. ✓ Standard C.S. Mon set for tie to Pt. "B" = R.P. #2.	
	1781	13108 ✓				
34+00					2X2	

Cont'd on pg. 769

Form 307 5M 10-34

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S	ELEV.		
		13108			Brot ford.	
35+00					2×2	
36+00						
37+00			4803	8305	8.317 Adj Elev. T.P. = 2×2	(34)
	3998	12283				
38+00					2×2	
39+00						
40+00			4810	7473	7.484 T.P. = 2×2	(35)
	6061	13534				
41+00					2×2	
42+00						
43+00			3292	10242	10.251 T.P. = 2×2	(36)
	11341	21583				
B.M.			2[illegible]	19152	19.160 Standard C.S. Mon. set for tie to Pt.	
	2817	21969			(S-29) 3" = R.P. on back tg. prod. 31.27' South	
43+00			11927	10242	10.251 T.P.	(36)
	3300	13542				
44+00					2×2	
45+00			5342	8200	8.209 T.P. = 2×2	(37)
	4240	12440				
T.P.			5319	7121	7.130 Adj Elev. Cont'd on pg. 70	(38)

Profile No. ____ Notes Red. M. H. C. Platted ____ Job No. ____ Division No. ____ L. B. 589 Pg. 769
Date AUG 6 1935 Date ____ Survey of Redondo Beach Yacht Harbor
X-Sec. No. ____ Notes Chkd. PARLING Checked ____ Survey by Butler Notes ____ Date ____
Date AUG 7 1935 Date ____ Map No. ____ Indexed A. C. Johnson Date ____

Form 307 5M 10-34

PLEASE RETURN TO
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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S	ELEV.		
				7121	7.130 Adj. Elev. Brot fwd.	(38)
	4658	11779				
T.P.			4092	7687	7.696	(39)
	8323	16010				
B.M.			2451	12559	12.568 (S-30) P.O.T. "D-1" = C.S. Mon. set on back tg. 80'± from Pt. "E".	
	4823	17382				
B.M.			2629	14753	14.762 (S-31) The pt. to Pt. "E" (3x3) = L+T. set in bot. step of Stone Stairs leading down from storm drain 100'± easterly from Pt. "E"	
	1848	16601				
T.P.			5880	10721	10.731	(40)
	3337	14058				
T.P.			0936	13122	13.133	(41)
	1588	14710				
Pt. "F" T.P.			4490	10220	10.232 Adj Elev. 3x3 at ∡ pt. (Rod on nail)	(42)
	~~1910~~	~~12130~~				
~~T.P.~~			~~3145~~	~~8985~~	~~Chisled point on rock~~ — Friday 4:30 P.M.	

Con't top next pg

L.B. 589 P.G. 70 Job. No. 8102 Division No. Notes Red M. H. C. Plotted Profile
Survey of Redondo Beach Yacht Harbor Date AUG 6 1935 Date No.
Survey by S.E. Butler Notes & Fleineck M. D. DARLING Checked X-Sec.
Indexed A. C. Johnson Date Notes Chkd. Date AUG 7 1935 Date No.

Form 307 5M 10-34

PLEASE RETURN TO
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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S	ELEV.		
Pt. "F"				10 220	10.232 Adj. Elev. 3X3 at ∡ pt. in line	
	1 910	12130				
T.P.			3145	8 985	8.996 Pt. circled in rock.	(43)
	4121	13 106				
P.O.T.-F¹			0463	12 643	12.654 L+T. on rock ridge 130 ± back of Sta "F"	
(S-33) ∡ Pt. "G"	2313	14 956				
			721	7 75	7.76 L+T. on rock pt. N.Ely from pier	(65)
R.P. = BM			3180	11 776	11.788 R.P.#1 = L+T 15'± N.E. Sta. "G" (Rod on tack)	
	1174	12 950				
R.P. = BM			0955	11 965	11.979 R.P.#2 = L+T on ridge of rock 20'± S. of Pt. "G" (Rod on tack)	
	0916	12881				
T.P.			5404	7 477	7.492	(44)
	6141	13 618				
R.P.#1			207	11 55	11.56 L+T. 25'± N.E. of Pt. "H"	
R.P.#2			285	10 77	10.78 18'± E. " " "	
(S-34) Pt. "H"			371	9 91	9.92 at ∡ pt. in line	
R.P.#3			2950	10 668	10.684 = BM. L+T. 24'± S.E. of Pt. "H" Rod on tack	
	0698	11 366				
T.P.			3789	7 577	7.592	(45)
	5492	13 069				
H¹ = P.O.T.			1278	11 791	11.806 Adj. Elev. = BM. L+T in Rock. (Rod in tack)	

Profile No. ____ X-Sec. ____ Notes Red M. H. C. Date AUG 6 1935 Notes Chkd. ____ Checked ____ Date ____ Platted ____ Date ____ Job No. 802 Survey of Redondo Pacific Harbor Survey by [illegible] Notes [illegible] Date [illegible] Map No. ____ Indexed A. C. Job Date ____ Division No. ____ L.B. 589 Pg. 71

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
H¹ = Pot	4209	16000		11791	11.806 Adj Elev. B.M. L+T Tack in Rock.	
T.P.			4187	11813	11.829	(46)
	1800	13613				
T.P.			4568	9045	9.061	(47)
	4418	13463				
P.I.I. "B.M. (S-35)			2485	10978	10.995 L+T Top of Rock Chisel Mark on West face P-I	
	4460	15438				
			261	12 83	12.85 R.P. #1-I" L+T in Rock	
			389	11 55	11.57 R.P. #2-I" L+T in Rock	
			431	11 13	11.15 R.P. #3-I" L+T in Rock.	
T.P.			3939	11499	11.515	(48)
	2765	14264				
P.I.J. "B.M. (S-36)			3419	10845	10.861 Fd 3x3 Stk. copper Nail. 20' ± So of Large Rock	
	3647	14492				
T.P.			3439	11053	11.069 R.P.P.I. #1. L+T in Rock on back tangent	(49)
	3253	14306				
			159	12 72	12.73 R.P.P.I. #2 L+T in Rock	
			355	10 76	10.77 R.P.P.I. #3 L+T in Rock	
T.P.			3044	11262	11.277	(50)
	3442	14704				
Pot. #1 B.M.			4385	10319	# 10.333 Adj Elev Pot. 1 L+T in Rock	

L.B. 589 P.G. 72 Job. No. Division No. Notes Red M. H. C. Plotted Profile
Survey of Date AUG 6 1935 Date No.
Survey by Notes Checked X-Sec.
Indexed A. C. Johnson Date AUG 7 1933 Date No.

Form 307 5M 10-34

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STATION	B. S.	H. I.	F. S	ELEV.		
Pot #1 B.M.				10319	10.333 Adj Elev. Pot 1 L&T. in Rock.	
	3357	13 676				
T.P.			2933	10743	10.755	(51)
	2912	13 655				
Pot #2 B.M.			6787	06868	6.880 Pot. #2 BM. L&T. in Rock.	
	5024	11 892			For Datum	
T.P.			0949	10943	10.954 See Note p.63	(52)
	5385	16328				
T.P.			0223	16 105	16.115	(53)
	5910	22 015				
P.I. "K" Ecc. B.M.	(S-37)		5453	16562	16.571 P.I. "K" Ecc. B.M. L&T. in Rock N.W. Cor. Point L 40' x 3' W	
	5252	21 814				
T.P.			0775	21 039	21.048	(54)
	10893	31 932				
T.P.			0660	31 272	31.281	(55)
	9844	41 116				
T.P.			0480	40.636	40.646	(56)
	5993	46 629				
P.I. "K" B.M.			3021	43608	43.618 P.I. "K" B.M. L+T. in Rock in Saddle Sharp Ridge	
	1728	45336				
T.P.			9889	35447	35.458 Adj. Elev.	(57)

Profile No. ____ X-Sec. ____ Notes Red M. H. C. Platted ____ Date AUG 6 1933 Date ____ Notes Chkd. M. D. DARLING Checked ____ Job No. 8102 Division No. ____ Survey of Redondo Yacht Harbor Survey by Butler Notes H.E.G. Date 7/30/35 Map No. ____ Indexed A. C. Job Date ____ L. B. 589 Pg. 73

Form 307 5M 10-34

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STATION	B. S.	H. I.	F. S	ELEV.		
T.P.				35 447	35.458 Adj. Elev.	(57)
	0175	35622				
T.P.			9798	25824	25.835	(58)
	1072	26896				
T.P.			5860	21036	21.048	(54)
	0511	21547				
P.I. "K" Ecc. B.M.			4988	16559	16.571 P.I. "K" Ecc B.M. Fd L&T. in N.E. Cor. Rock Point (40 Ft Long 30" Wide	
	1186	17745				
T.P.			5740	12005	12.016	(59)
	0593	12598				
Pot. #2 B.M.			5728	06870	6.880 Fd L&T. in Rock.	
	6220	13090				
T.P.			2344	10746	10.755	(51)
	3559	14305				
Pot. #1 B.M.			3980	10325	10.333 Fd L&T. in Rock.	
	4575	14900				
T.P.			3630	11270	11.277	(50)
	2889	14159				
P.I. "J" B.M.			3304	10855	10.861 Fd 3x3 Stk & copper Nail.	
	2141	12996				
R.P.P.I. #1 B.M.			1931	11065	11.069 Adj Elev. R.P.P.I. #1 Fd L&T. on Back tangent.	(49)

L.B. 589 P.G. 74 Job. No. Division No. Notes Red M. H. C. Plotted Profile
Survey of Date AUG 8/3 Date No.
Survey by Notes Chkd. BARLING Checked X-Sec.
Indexed A. C. Johnson Date 7-30-35 Date AUG 7 1935 No.

Form 307 5M 10-34

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S	ELEV.		
R.P.P.I #1 B.M.	4151	15216		11065	11.069 Adj. Elev. R.P.P.I #1 L&T on Rock on Back Tangent	
			4391	10825	10.829	(60)
	3220	14045				
P^T "I" = B.M.			3053	10992	10.995 Fd L&T. in Rock.	
	1538	12530				
T.P.			5589	6941	6.945	(61)
	3830	10771				
T.P.			2431	8340	8.344	(62)
	5278	13618				
P^t "H" - Pot B.M.			1817	11801	11.806 L&T. in Rock.	
	0540	12341				
T.P.			5018	07323	7.327	(63)
	5467	12790				
"P^t H" B.M. R.P. #3			2110	10680	10.684 R.P. #3 P^t H = L&T. 24± SoE of ("H" L&T.)	
	3485	14165				
T.P.			4143	10022	10.027	(64)
	4685	14707				
"G"			6945	07762	7.769 L&T. on Rock Ledge N.E. of Pier.	(65)
	5178	12940				
Pot "F ⊥"			0294	12646	12.654 Adj. Elev L&T. on Rock Ledge 130± back of Sta "G"	

Profile No. ____ X-Sec. No. ____

Notes Rec. M. H. C. Date AUG 6 1935 Notes Chkd. M. D. Date ____ Platted ____ Date ____ Checked ____ Date ____

Job No. 8402 Division No. ____ Survey of Redondo Hwy Harbor Survey by Potter Notes ____ Date ____ Map No. ____ Indexed A. C. Job Date ____

L. B. 589 Pg. 75

Form 307 5M 10-34

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700 HALL OF RECORDS

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Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
Pot. F.¹				12 646	12.654 Adj Elev. L&T. ON Rock Ledge-130± back of Sta G	
	0738	13 384				
T.P.			4072	9312	9.319	(66)
	4713	14025				
Pt "F" B.M.4			3800	10 225	10.232 Pt F Fd 3x3 Stk ∡ Pt in Line.	
	6369	16594				
T.P.			5548	11 046	11.054	(67)
	4174	15220				
T.P.			2715	12 505	12.514	(68)
	5183	17 688				
B.M.			2936	14 752	14.762 B.M. L&T ℄ top of 1st Step in Center Storm Drain. 100' ± So of ∡ Pt "E"	
	2295	17 047				
T.P.			4372	12 675	12.685	(69)
	0848	13 523				
T.P.			5861	7 662	7.672	(70)
	5670	13 332				
∡Pt "D" B.M.			1723	11 609	11.619 ∡Pt "D" B.M. = 3x3 Stk Location = 1'E of Horizotal Pile. Stot taken top Nail.	
	2888	14 497				
∡Pt "C"			1845	12 652	12.662 ∡"C" = 3x3 Stk Shot Highest Pt on Stk	
	8931	21 583				
R.P. to Pt "C" B.M.			2432	19151	19.160 Adj. Elev. R.P. to Pt "C" = C.S. M on 2" 31.27' Prod. BC. in Conc. Shot highest Pt on BC.	

L.B. 589 P.G. 76 Job. No. ___ Division No. ___ Notes Red M. H. C. Plotted ___ Profile ___ No. ___
Survey of ___ Date AUG 6 1935 Date ___ X-Sec. ___
Survey by ___ Notes ___ Notes Chkd. DARLING Checked ___ No. ___
Indexed C. Johnson Date 7-31-35 Date AUG 7 1935

Form 307 5M 10-34

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STATION	B. S.	H. I.	F. S	ELEV.		
					~~19.160 Adj. Elev.~~	
R.P. to P.T.C. B.M.				19151	R.P. to P.T.C. C.S. Mon. 2" B.C. in Con. 31.27 from P.T.C.	
	2065	21216				
T.P.			10628	10588	10.596	(71)
	2276	12864				
T.P.			5763	7101	7.107	(72)
	3495	10596				
T.P.			2247	8349	8.354	(73)
	3138	11487				
R.P. #2 Prod. B.M.			0150	11337	11.340 R.P. #2 Forward Prod. B = C.S. Mon. 2" B.C. & Con.	
	2499	13836				
R.P. #1 Prod. B.M.			1063	12773	12.776 R.P. #1 Prod. Back = C.S. Mon. 2" B.C. & Con.	
	0185	12958				
T.P.			5255	7703	7.708	(74)
	3818	11521				
T.P.			3115	8406	8.412	(75)
	3062	11468				
T.P.			2178	9290	9.298	(76)
	2189	11479				
T.P. B.M.			2152	9327	9.336 Nail & tin. top of old Pile 1 High 21.65 S.W. of P.T. A 2	(77)
	2045	11372				
T.P.			0059	11313	11.324 Adj. Elev.	(78)

Profile No. ____ X-Sec. ____ Date ____

Notes Mod. H. C. Platted ____ Date AUG 6 1935 Date ____ Notes Ckd. PARLING Checked ____ Date ____

Job No. ____ Division No. ____ Survey of Bellflower Valley Hydraulic Survey Survey by Bellflower Notes ____ Date 4/13/35 Map No. ____ Indexed A. C. Job Date ____

L. B. 589 Pg. 77

Form 307 5M 10-34

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STATION	B. S.	H. I.	F. S	ELEV.		
T.P.				11 313	11.324 Adj. Elev.	(78)
	2 335	13 648				
TP			3 691	9 957	9.969	(79)
	6635	16 592			16.428	
B.M.			0 178	16 414	Fd L+T. IN Top of Wall. SE Cor Conc Box anchoring 30" corr. Pipe. ON Left of Line opp. Sta 15+85	
	0615	17 029				
T.P.			6 043	10 986	11.000	(80)
	2047	13 033				
T.P.			6 435	6 598	6.611	(81)
	4 693	11 291				
T.P.			3 099	8 192	8.205	(82)
	5253	13 445				
T.P.			0 030	13 415	13.427	(83)
	5417	18 832				
T.P.			5510	13 322	13.334	(84)
	6 558	19 880			19.416 Adj. Elev.	
B.M.			0 475	19 405	B.M. = C.S. Mon. = R.P. #1 North for Pt A. See Pg 66.	

For Datum
See Note p.63

L.B. 589 P.G. 78 Job. No. Division No. Notes Red M. H. C. Plotted Profile
Survey of Date AUG 6 1935 Date No.
Survey by Notes M. B. PARLING Checked X-Sec.
Indexed A. C. Johnson Date AUG 7 1935 Date No.

Profile No.	Notes Red. AUG	Platted	Job No.	Division No.	L. B. 589 Pg. 79
	Date	Date	Survey of Redondo Beach Ft. Hbr.		
X-Sec. No.	Notes Chkd.	Checked	Survey by Butler	Notes HEG	Date 8/1/35
	Date	Date	Map No.	Indexed A. C. Johnson	Date

Note: The datum of these notes is Mean Lower Low Water – 2.800 ft. below U.S.G.S. and U.S.C.+G.S. datum. (Mean Sea Level)

J.N. 8102

North Redondo Beach Area

B.M. Levels

&

Profile

over

Control LINE

For Control Line – See pg. 25

NOTE: B.M. Circuit returned to initial B.M.

Granquist

Reynolds

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

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Form 307 5M 10-34

L.B. 589 P.G. 80 | Job. No.____ Division No.____ Notes Red M. H. C. Plotted____ Profile

Survey of____ Date AUG 6 1935 Date____ No.____

Survey by____ Notes____ Notes Chkd.____ Checked____ X-Sec.

Indexed A. C. Johnson Date____ Date AUG 7 1935 Date____ No.____

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

Form 307 5M 10-34

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700 HALL OF RECORDS

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Form 367 5M 10-34

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15.019 U.S. Elev. | 17.819 Mean L.L. Water

STATION	B. S.	H. I.	F. S	ELEV.	Notes
T.B.M.				~~14.966~~ 15.019 / 2.80 / 17.819	1931 C+GS. -Redondo Beach, 10th St. at So. Calif. Edison Steam Plant on Shore End of intake Pipe to Steam Plant. Found a boat spike in concrete block, 0.5 ft. E. of fence and 1 ft. So. of North edge of concrete, 30 ft. More or less, W. of the W. edge of Concrete Walk along beach.
	4335	22 154			
0+00 T.P.			4794	17360	Fd L+T IN CONC. Walk. & 10th St. 4' E of Rest House. 17.360 Adj. Elev.
	4684	22 044			
1+00			480	17 24	17.24 Cross " "
2+00			485	1719	17.19 " " "
T.P. ①			4745	17 299	17.299
	4675	21 974			
3+00			492	1705	17.05 " "
4+00			491	1706	17.06 " "
5+00			504	1693	16.93 " "
Pt A 1 BM.			5085	16889	16.889 L+T " "
	4918	21 807			
6+00			494	1687	16.87 " "
7+00			507	1674	16.74 " "
T.P. ②			4835	16972	16.973 Adj. Elev
	4500	21 472			
8+00			474	1673	16.73 " "
9+00			486	1661	16.61 " "
10+00			502	1645	16.45 " "

Note: The datum of these notes is Mean Lower Low Water — 2.800 ft. below U.S.G.S. and U.S.C+G.S. Datum. (Mean Sea Level)

=100+00 going east. {Sta. 5+198 7 & 8th St. NOTE:-See pg. 91 for Levels to E).

cont on 1982

Profile No. | Notes Red. | Platted | Job No. 802 | Division No. | L. B. 581 Pg. 81
X-Sec. No. | Date 6 6 1935 Date | Survey of | Notes HEM Date 8/1/35
Notes Chkd. | Checked | Survey by Butler | Map No. | Interval | Chr. Job Date

Form 307 5M 10-34

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Profile No. ____ X-Sec. No. ____

Division No. ____ Notes Red M. H. C. Plotted ____ Date ____

Job. No. ____ Date AUG 6 1935 Date ____

Notes Bk. PARLINE Checked ____

L.B. 5 pg. P.g. 87

Survey of ____ Notes ____ Date ____

Survey by A. C. Johnson Date ____

Indexed ____ Date ____

STATION	B. S.	H. I.	F. S	ELEV.		
		21 472			Brought Forward	from Bot. Pg 81
T.P. ③			4940	16 532	16.534 Adj. Elev.	
	4843	21 375				
11+00			484	16 53	16.54 X IN CONC. WALK.	
4th B B.M.			4755	16 620	16.622 Fd L&T. IN CONC. Walk	11+30 80 B.M.
	4957	21 577				
12+00			500	16 58	16.58 X IN CONC. WALK.	
13+00			491	1667	16.67 X " " "	
T.P. ④			4866	16 711	16.714	
	5045	21 756				
14+00			494	16 82	16.82 X " " "	
15+00			485	1691	16.91	
T.P. ⑤			4827	16 929	16.933	
	5002	21 931				
16+00			502	1691	16.91 X " " "	
17+00			494	1699	16.99 X " " "	
18+00			485	1708	17.08 X " " "	
T.P. ⑥			4588	17 343	17.348 Adj. Elev.	
	4760	22 103				
19+00			497	17 13	17.14	
20+00			495	17 15	17.16 CONT Pg 83	

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STATION	B. S.	H. I.	F. S	ELEV.		
		22103			Brought forward from Pg. #82	
21+00			483	1727	17.28 X IN CONC. Walk.	
T.P. ⑦			4819	17284	17.290 Adj. Elev.	
	5057	22341				
22+00			503	1731	17.32 X " " "	
23+00			494	1740	17.41 X " " "	
24+00			485	1749	17.50 X " " "	
T.P. ⑧			4778	17563	17.570	
	5284	22847				
25+00			528	1757	17.57 X " " "	
26+00			517	1768	17.68 X " " "	
27+00			513	1772	17.72 X " " "	
T.P. ⑨			5129	17718	17.726	
	4888	22606				
28+00			487	1774	17.74	
4 Pt "C" B.M.			4820	17786	17.795 Fd L+T. " " " 4 Pt "C" 28+23.63	
	4828	22614				
29+00			489	1772	17.73 Fd X IN CONC. Walk.	
30+00			478	1783	17.84 " " " "	
T.P. ⑩			4743	17871	17.881 Adj. Elev	
		cont Pg 84				

Profile No. ____ X-Sec. No. ____

Notes Red. H. G. Date AUG 6 1933 Notes On DARLING Date AUG 7 1933

Platted ____ Date ____ Checked ____ Date ____

Job No. 8102 Division No. ____ Survey of Redondo Beh. Hbr. Survey by Butler Notes H.G. Date 8/1/35 Map No. ____ Indexed ____ Date ____

L. B. 589 Pg. 83

Form 307 5M 10-34

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STATION	B. S.	H. I.	F. S	ELEV.		
				17 871	17.881 Adj. Elev. CONT. FROM Pg 83	
	4924	22 795				
31+00					X IN CONC. Walk.	
32+00			477	18 02	18.03 " " "	
T.P. (11)			4697	18 098	18.108	
	4967	23.065				
33+00			497	18 09	18.10 " " "	
34+00			485	18 21	18.22 " " "	
35+00			459	18 47	18.48 " " "	
T.P. (12)			5258	17 807	17.817	
	6073	23 880				
⊥ P.T.D. B.M.			3569	20311	20.321 ⊥ P.T.D. L+T. IN CONC	Walk. 35+68.75
	3 054	23 365				
T.P. (13)			5423	17942	17.952	
	0785	18 727				
T.P (14)			5510	13 217	13.228	
	2189	15406				
T.P. B.M.			3228	12 178	12.189 Adj. Elev. @ 37+00 2x2 Stk.	
	5341	17519				
36+00			314	14 38	14.39 2x2 St.	
37+00			534	12 18	12.19 CONT top Pg #85	

L.B. 589 P.G. 84 Job. No. ____ Division No. ____ Notes Red M. H. ____ Plotted ____ Profile ____
Survey of ____ Date AUG 6 1935 ____ No. ____
Survey by ____ Notes ____ Date 8/1/35 Notes: Chk. N. B. DARLING Checked ____ X-Sec. ____
Indexed E. C. Johnson Date ____ Date AUG 7 1935 ____ No. ____

Form 307 5M 10-34

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LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
		17519			Cont from Pg 84	
38+00			737	1015	10.16 2x2 Stk.	
39+00			770	982	9.83 2x2 Stk.	
T.P. (15)			0482	17037	17.048 Adj. Elev.	
	6145	23182				
40+00			1501	817	8.18 2x2 Stk.	
4 PT "E" BM			4512	18670	18.681 Fd L+T. in conc. walk. 40+45	
	5545	24215				
4 Sta "Y"			054	2367	23.69 L+T in conc.	
41+00			491	1930	19.32 N+T in boardwalk.	
42+00			491	1930	19.32 " "	
T.P. (16)			4895	19320	19.331	
	5240	24560				
43+00			480	1976	19.77 N+T " " "	
44+00			503	1953	19.54 " " " " "	
4 PT "F" BM.			4795	19765	4 PT "F" Fd L+T. Stk 44+72.34 in con. walk. 19.777	
	4722	24487				
45+00			494	1955	19.56 Nail+T in in Boardwalk.	
46+00			497	1952	19.53 " " " "	
4 St "Z"			079	2370	23.71 T" 4 S-Z" Fd L+T in conc. walk on Pier.	
T.P. (17)			5005	19482	← Cont Pg 86	
					19.493 Adj. Elev.	

Profile No. ____ X-Sec. ____ No. ____

Notes Red H. C. Platted ____ Date AUG 6 1937 Date ____ Notes M. Cook Checked ____ Date AUG 7 1937

Job No. ____ Division No. Redondo Beach HTG HBR. Survey of ____ Survey by Bartlett Notes HTG Date 8/2/35 Map No. ____ Indexed A. O. Tom

L. B. 87 Pg. 85

Form 307 5M 10-34

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STATION	B. S.	H. I.	F. S	ELEV.	
T.P. (17)				19 482	19.493 Adj. Elev. cont. from Pg 85.
	5090	24 572			
47+00			506	19 51	19.52 N+T in Board walk.
48+00			521	19 36	19.37 X in conc. Walk. on Pier
P-G" B.M.			5231	19 341	19.351 P-G" B.M. fd L+T in conc. Walk on Pier. End of Line Sta. 48+05.06
	5252	24 593			
T. P. (18)			0390	24 203	24.214
	6252	30 455			
T. P. (19)			0335	30 120	30.133
	6 470	36 590			
T.P.B.M.			0556	36034	36.048 Piece of conc. on top of Ret. Wall T.P.B.M. 3 So of So Edge of Walk to Mens Rest Room.
	6238	42 272			
T. P. (20)			2480	39 792	39.807 For Datum See Note p.81
	5007	44799			
T. P. (21)			0442	44 357	44.373 Adj. Elev
	5013	49370			
B.M. U.S. 104 #			2119	47 251	47.268 M.H.L.L. Water 44.468 U.S. Elev. B.M. U.S. 104 46.48 (City of Redondo Beach At Redondo Beach, L.A.Co; about 100' W of Esplanade St, @ the concrete stairway leading from Ainsworth Court to waters edge 6" E of the N. head post, + in conc. sidewalk. Standard disk mkd "46.48" (13.554 meters or 44.468)

Continued on Pg #87

L.B. 589 P.G. 86 Job. No. ___ Division No. ___ Notes Red M H Plotted ___ Profile ___
Survey of ___ Date AUG 6 1935 Date ___ No. ___
Survey by ___ Notes ___ Notes Chkd. ___ Checked ___ X-Sec. ___
Indexed A. C. Johnson Date 8-1-35 Date AUG 7 1935 Date ___ No. ___

Form 307 5M 10-34

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S	ELEV.		
B.M.	Cont from Pg 86			47 251	47.268 BM.U.S. # 104	
	1 683	48 934				For Datum See Note p.81
T.P. 22			5504	43 430	43.448	
	0373	43 803				
T.P. 23			5658	38145	38.164	
	0121	38 266				
T.P. 24			5478	32 788	32.808	
	0936	33 724				
T.P. 25			5767	27957	27.978	
	0360	28 317				
T.P. 26			6227	22 090	22.111	
	3915	26 005				
T.P. 27			6472	19 533	19.555	
	4990	24 523				
PT "G" B.M.			5195	19328	19.351 Fd L+T. in Conc. Walk on Pier. PT "G" B.M.	
	5359	24 687				
28			5130	19 557	19.579	
	4898	24 455				
* PT "F" B.M.			4700	19755	19.777 Adj. Elev.	
	4799	24 554				
T.P. 29			5249	19305	19.327 Cont. Top Pg 88	

Profile No. ____ Notes Red. H. C. Platted ____ Job No. 8102 Division No. ____ L. B. 589 Pg. 87
X-Sec. No. ____ Date AUG 6 Date ____ Survey of ____
Notes Chkd. P. Date ____ Checked ____ Survey by ____ Notes ____ Date 8/2/51
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

Form 307 5M 10-34

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STATION	B. S.	H. I.	F. S	ELEV.		
T. P. 29				19305	19.327 Adj Elev. CONT FROM Pg 87	
	4875	24 180				
∡PT "E" B.M.			5521	18 659	18.681 ∡P. "E" = L&T. IN CONC. Walk. ON Pier	
	4817	23 476				
T. P. 30			11 406	12070	12.092	
	1010	13 080				
T. P. 31			3261	9 819	9.841 Sta 39+00. 2x2 STK	
	4913	14 732				
T. P. 32			2564	12168	12.189	
	6260	18 428				
T. P. 33			0318	18 110	18.131	
	5700	23 810				
∡PT "D" BM			3510	20 300	20.324 ∡PT "D" B.M. = L&T. IN CONC. Walks 35+68 75	
	2966	23 266				
T. P. 34			4963	18 303	18.324	
	4835	23 138				
T. P. 35			5027	18 111	18.132	
	4664	22 775				
T. P. 36			4828	17947	17.968 CONT. Pg. 88	
	4825	22 772				
∡PT "C" B.M.			4998	17 774	17.795 Adj Elev ∡PT "C" B.M. L&T. IN	Walk. 28+23 63

L.B. 589 P.G. 88 Job. No. 8102 Division No. ____ Notes Red M. H. Plotted ____ Profile ____
Survey of ____ Date AUG 6 ____ Date ____ No. ____
Survey by Butler Notes H.E. Granquist Notes Chkd. M. D. PARLING Checked ____ X-Sec. ____
Indexed A. C. Johnson Date 8/2/35 Date AUG 7 1935 Date ____ No. ____

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STATION	B. S.	H. I.	F. S	ELEV.		
∡ P^T "C" B.M.				17.774	∡ P^T "C" L+T. in Conc Walk. cont. from Pg 88 17.795 Adj. Elev.	
	4949	22.723				
T.P. 37			4698	18.025	18.047	
	4591	22.616				
T.P. 38			5071	17.545	17.568	
	4766	22.311				
T.P. 39			4801	17.510	17.534	
	4670	22.180				
T.P. 40			4722	17.458	17.482	
	4640	22.098				
T.P. 41			5026	17.072	17.097	For Datum See Note p. 81
	4822	21.894				
T.P. 42			5010	16.884	16.910	
	4693	21.577				
T.P. 43			4783	16.794	16.821	
	4759	21.553				
∡ P^T "B" B.M.			4958	16.595	16.622 ∡ P^T "B" B.M. L+T. in Conc. Walk.	
	4918	21.513				
T.P. 44			4884	16.629	16.632	
	5094	21.723				
P^T A-1			4862	16.861	16.889 Adj. Elev. Cont. on Pg 90 Pt A-1 5+19 87	

Profile No. ____ Notes Red. M. H. C. Printed ____ Job No. 902 Division No. ____ L. B. 89 Pg. 89
Date AUG 6 1935 Date ____ Survey of ____
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Butler Notes HEG Date 8/2/35
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

Form 307 5M 10-34

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STATION	B. S.	H. I.	F. S	ELEV.	
PI A-1 BM				16 861	16.889 Adj. Elev. Cont. from Pg #89 PI A-1 L+T.
	5124	21985			
T. P. 45			4727	17258	17.286
	4930	22188			
T. P. 46			4682	17506	17.534
	4663	22169			
T. B. M.			4378	17791	17.819 Adj. Elev. see Pg 81. Redondo Beach 10th St.

For Datum See Note p.81

Job. No. 81020 Division No. Notes Red H Plotted Profile
Survey of Date AUG Date No.
Survey by Butler Notes H.E.G. Notes Chkd. DARLING Checked X-Sec.
Indexed A. C. Johnson Date 8/2/35 Date No.

Profile	Notes Red.	Platted	Job No. 8102	Division No.	L. B. 589 Pg. 91
No.	Date AUG 6 1935	Date	Survey of		
X-Sec.	Notes Chkd. M. D. DARLING	Checked	Survey by Butler	Notes 456	Date 8/2/35
No.	Date AUG 7 1935	Date	Map No.	Indexed A. C. Johnson	Date

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

J.N. 8102
8TH ST. Levels.

Form 307 5M 10-34

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STATION	B.S.	H.I.	F.S	ELEV.	
B.M. "PT A1"				16.889	PT A1 L+T. in conc & 8th St + Strand = 5+19.87 (from North) See Pg. 81 = 0+00 to E.
	0978	17867			
1+47.65 N+T in			4725	13142	N+T. bisection of curb (W.P.L. Hermosa N) Sta. 1+47.65
			2363	15504	
	7891	23395			
PT "P"			1265	22130	PT "P" = 3x3 Sta 5+38.66 from West. (Rod Nail)
	3418	25548			
~~PT Q~~					~~"Q" = 3X3 STK.~~
PT "R"			584	1971	"R" = 1" I.P.
PT "S"			572	1983	"S" = 3X3
T.P.			3418	22130	
	8757	30887			
PT "Q"			124	2965	"Q" = 3X3 StK (Rod top Std)
T.P.			8757	22130	
	0600	22730			
			6368	16362	
B.M.	2.940	19302			TOP LINE Above. —
			2412	16890	

Note: The datum of these notes is Mean Lower Low Water — 2.800 feet below U.S.G.S + U.S.C+G.S. datum (Mean Sea Level)

L.B. 589 P.G. 92 Job. No. Division No. Notes Red Date AUG Checked Date Profile No.
Survey of Survey by Butler Notes HEG Notes Checked Date 8/2/35 X-Sec. No.
Indexed C. Johnson Date AUG 7 1935

Profile No. ____ X-Sec. ____

Notes Red. ____ Date ____ Notes Chkd. ____

Plotted ____ Date ____ Checked ____

Job No. 8102 Division No. ____

Survey of Red Bch Yt Hbr

Survey by Butler Notes GWK Date 8/21/35

Indexed A. C. Johnson 11-8-35

L. B. 589 PG. 93

STATION	B. S.	H. I.	F. S	ELEV.	
					J.N. 8102 Redondo Bch Yt Hbr Additional Levels on Control line for Ainsworth Ct. Area.
				π #16382.	Butler Kleineck Van Deren

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STATION	B. S.	H. I.	F. S	ELEV.		
					Transit #15698 used	
"G"	7 75			19 35	FdL+T-Monstadt pier-per pg. (sta. 48+05±)	
49+00			19°	[illegible]10	2"x2" hub	
50+00			164	[illegible]	" " "	
51+00			157	11 40	" " "	
52+00			522	21 88		
52+06.87 "H"			529	21 81	1"x2" P.L. & Service Rd.	
53+00			608	21 02	W Spk " " "	
54+00			708	21 02	W. Spk in cent. of service-road	
55+00 T.P.			[illegible]	19 05	✓ ✓ ✓ ✓ ✓ ✓ ✓	
	3 87	22 42				
55+50			415	18 77	Bt. ✓ ✓ ✓ ✓ ✓ ✓	
56+00			432	18 60	W ✓ ✓ ✓ ✓	
56+50			450	18 42	Bt. ✓ ✓ ✓ ✓	
57+00			469	18 23	W ✓ ✓ ✓ ✓ ✓ ✓	
+50			495	17 97	Bt. ✓ ✓ ✓ ✓ ✓ ✓	
58+00			510	17 82	W ✓ ✓ ✓ ✓ ✓ ✓	
58+35.22 "I"			521	17 71	1x2 ✓ ✓ ✓ ✓ ✓	
+50			522	17 70	Boat Spk. All points in service road	
59+00			547	17 45	✓ ✓ + Tn.	
+50			569	17 23	B Spk.	

L.B. 589 P.G. 94 8-21-35 Job. No. 8102 Division No. Notes Red Rolen Plotted Profile No.
Survey of Redondo Beach Yacht Harbor Date 8-31-35 Date X-Sec.
Survey by S.E. Butler Notes G. Nieweck Notes Chkd. Checked No.
Indexed A. C. Johnson Date Date Date

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STATION	B. S.	H. I.	F. S	ELEV.		
60+00		22 92	5.68	17 24	B. Spk. + Tn.	
+50			5.70	17 22	B. Spk.	
61+00			5.50	17 42	B. Spk + Tn.	
TP +50	5.74	23 26	5.40	17 52	B. Spk.	
62+00			5.47	17 79	B. Spk + Tn.	
+50			5.30	17 96	B. Spk.	
63+00			[illegible]	18 17	B. Spk + Tn.	
+50			4.82	18 44	B. Spk.	
64+00			4.63	18 63	B. Spk + Tn.	
"J" +31.51			4.56	18 70	1X2 = Pt. "J"	
T.P.			5.45	17 81		
	10660	28 47				
B.M.			7.45	21 02	L+T = Tie pt. for Pt. "I" set in	
T.P.			0.71	27 76	Cor. of Cement wall 3.3' high	
	11.36	39 12				
T.P.			0.49	38 63		
	10 90	49 53			(47.268)	
B.M.			2.14	47 39	City of Redondo Bench = 3½ br. cap set flush with walk at top of flight of conc. steps at N.E. Cor. of same in	

Hingworth Court opp. Sta. 58+50 approx. + near Pt. "I".

Profile No. ____ Notes Red. Ad Platted ____ Job No. 8102 Division No. ____ L. B. 589 Pg. 96
X-Sec. No. ____ Date 8-31-35 Date ____ Survey of Redondo Beach Tech. Hal. Dr.
Notes Chkd. ____ Checked ____ Survey by Butler Notes [illegible] Date ____
Date ____ Date ____ Map No. ____ Indexed ____ Job Date ____

L.B. 589 P.G. 96 | Job. No.____ Division No.____ Notes Red____ Plotted____ Profile

Survey of____ Date____ Date____ No.____

Survey by____ Notes____ 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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STATION	B. S.	H. I.	F. S	ELEV.	For Previous Levels	See Pgs. 41 to 58
0+00	0 94	14 28		13 34	Pt. A.	
0+09.5			24	11 9	Beach at base groin	N. Side
			24	11 9		S. Side
+16.0			35	10 [illegible]		
			35	[illegible]		
+22.9			50	9 [illegible]		
			50	[illegible]		
+29.7			58	8 5		
			58	[illegible]		
+37.2			67	7 6		
			67	7 6		
+44.5			76	6 7		
			76	6 7		
+51.3			81	6 2		
			81	6 2		
+58.5			87	5 6		
			87	5 6		
+64.8			92	5 1		
			92	5 1		

Profile No. ____ Notes Red. [illegible] Platted RWM Job No. 8102 Division No. ____ L. B. 589 Pg. 97
Date ____ Date Dec. 35 Survey of Redondo Yacht Harbor
X-Sec. No. ____ Notes Chkd. ____ Checked [illegible] Survey by Dunlap Notes D Date 10-21-35
Date ____ Date 12-35 Map No. [illegible] Indexed ____ Date 11-8-35

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STATION	B. S.	H. I.	F. S	ELEV.		
		1428				
0+72			97	46		N side
			97	46		S. Side
+79.2			102	41		✓
			102	41		✓
+87.2			106	7		✓
			106	7		✓
					Rest of Groin	out

L.B. 589 P.G. 98 Job. No. 8102 Division No. ____ Notes Red Aar Plotted R.W.McC Profile
Survey of Redondo Yacht Harbor Date ____ Date Dec. '35 No. ____
Survey by Dunlap Notes Dunlap Notes Chkd. ____ Checked Aar X-Sec.
Indexed A. C. Johnson Date ____ Date 12-35 No. ____

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STATION	B. S.	H. I.	F. S	ELEV.		
0+00	105	1618		1513	Sta N-1	
+04.8			19	143	Beach at base groin	N. Side
			19	143		S. Side
+11.9			28	134		"
			28	134		"
+19.6			40	122		"
			39	123		"
+26.9			48	[illegible]4		"
			48	114		"
+34.3			62	110		"
			60	112		"
+41.6			73	79		"
			75	87		"
+49.0			79	83		"
			79	83		"
+56.9			92	70		"
			92	79		"
+64.2			101	61		"
			102	60		"

Profile No. ____ Notes Red. [illegible] Platted RWMS Job No. 8102 Division No. ____ L. B. 589 Pg. 99
Date ____ Date Dec '35 Survey of Redondo Yacht Harbor
X-Sec. No. ____ Notes Chkd. ____ Checked [illegible] Survey by [illegible] Notes [illegible] Date 10-21-35
Date ____ Date 12-35 Map No. B1633 Indexed ____ Date ____

Form 307 5M 10-34

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STATION	B. S.	H. I.	F. S	ELEV.			
		16 18 ✓					
0 + 71.7			10 7	5 5 ✓		N. side	
			10 7	5 5 ✓			S. Side
+ 79.2			11 3	4 9 ✓		✓	
			11 3	4 9 ✓			✓
+ 86.6			11 8	4 4 ✓		✓	
			11 8	4 4 ✓			✓
+ 93.6			12 7	3 5 ✓		✓	
			12 7	5 ✓	Rest of Groin	out	✓

L.B. 589 P.G. 100 Job. No. ____ Division No. ____ Notes Red Lear Plotted Rw. McS Profile
Survey of ____ Date ____ Date Dec. '35 No. ____
Survey by ____ Notes ____ Notes Chkd. ____ Checked Lear X-Sec.
Indexed A. C. Johnson Date ____ Date ____ Date 12-35 No. ____

Form 307 5M 10-34

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S	ELEV.		
0+00	2 45	11 68		9 23	Sta A-1	
+03			36	81	Beach at base groin	N. Side
			36	81		S. Side
+10			40	77		
			40	77		
+17.5			48	69		
			48	69		
+25.3			54	[illegible]		
			54	63		
+32.8			58	59		
			58	59		
+39.9			65	52		
			65	52		
+47.2			69	48		
			69	48		
+54.1			72	45		
			71	46		
+62			76	41		
			75	42		

Profile No. ____ Notes Red. [illegible] Platted R.W.M. Job No. 8102 Division No. ____ L. B. 589 Pg. 101
Date ____ Date Dec '35 Survey of Redondo Harbor
X-Sec. No. ____ Notes Chkd. ____ Checked [illegible] Survey by [illegible] Notes D Date 10-21-35
Date ____ Date 12-35 Map No. B 3083-5 Indexed ____ Date ____

F.B. 589 P.G. 102 Job. No. 8102 Division No. ______ Notes Red aar Plotted R.W. Mc Profile

Survey of Redondo Yacht Harbor Date ______ Date Dec. '35 No. ______

Survey by Dunlap Notes Dunlap 10-21-35 Notes Chkd. ______ Checked aar X-Sec.

Indexed A. C. Johnson Date ______ Date ______ Date 12-35 No. ______

STATION	B.S.	H.I.	F.S	ELEV.
0+67.7		11.68	8.0	3.7
+76.9			8.4	[illegible]
			8.3	[illegible]
			8.6	[illegible]

Rest of Groin out

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

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

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
0+00.	036	1549		1513	Sta N-1	
+04.8			12	143	Beach at base groin	N. Side.
			12	143		S. Side
+11.9			19	136		
			22	133		
+19.6			31	124		
			32	123		
+26.9			48	107		
			42	113		
+34.3			62	93		
			61	94		
+41.6			75	80		
			75	80		
+49.0			84	71		
			84	71		
+56.9			94	61		
			94	61		
+64.2			103	52		
			103	52		
					Groin out past	this point

Profile No. ____ Notes Red: RWM Platted RWM Job No. 8102 Division No. ____ L. B. 589 - Pg. 103
Date ____ Date Dec. '35 Survey of Redondo Yacht Harbor
X-Sec. No. ____ Notes Chkd. ____ Checked RWM Survey by Dunlap Notes D Date 11-4-35
Date ____ Date 12-35 Map No. B-1083-5 Indexed Date ____

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
0+00	1.14	14.48		13.34	Pt. A	
+09.5			23	12.2	Beach at base groin	N. Side
			23	12.2		S. Side
+16.0			36	10.9		
			36	10.9		
+22.9			50	9.5		
			51	9.4		
+29.7			62	7.2		
			62	8.2		
+37.2			70	7.5		
			71	7.4		
+44.5			79	6.6		
			79	6.6		
+51.3			87	5.8		
			87	5.7		
+58.5			94	5.1		
			95	5.0		
+64.8			100	4.5		
			100	4.5		

L.B. 589 P.G. 104 Job. No. 8102 Division No. ____ Notes Red [illegible] Plotted RW.McC Profile
Survey of Redondo Yacht Harbor Date ____ Date Dec. 35 No. ____
Survey by Dunlap Notes P.T.D. 11-4-35 Notes Chkd. ____ Checked [illegible] X-Sec.
Indexed A. C. Johnson Date ____ Date 12-35 No. ____

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
		14 48				
0+72			10 6	39	Beach at base groin	N. Side
			10 7	38		S. Side
+79.2			11 1	34		
			11 2	33		

Profile No. ____ Notes Red. GAR Platted RW McS Job No. 8102 Division No. ____ L. B. 589 Pg. 105
Date ____ Date Dec. '35 Survey of Redondo Yacht Harbor
X-Sec. No. ____ Notes Chkd. ____ Checked GAR Survey by Dunlap Notes ____ Date 11-4-35
Date ____ Date 12-23 Map No. B-1083-5 Indexed ____ Date ____

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S	ELEV.		
0+00	3 87	13 10		9.23	Pt. A-1	
+03			50	[illegible]	Beach at base groin	N. side
			50	[illegible]		S. side
+10			63	[illegible]		
			63	[illegible]		
+17.5			72	[illegible]		
			72	[illegible]		
+25.3			79	[illegible]		
			79	[illegible]		
					Rest of Groin	out.

L.B. 589 P.G. 106 Job. No. 8102 Division No. ____ Notes Red [illegible] Plotted Rw. McC Profile
Survey of Redondo Yacht Harbor Date ____ Date Dec. '35 No. ____
Survey by Dunlap Notes P.T.D. [illegible] Notes Chkd. ____ Checked [illegible] X-Sec.
Indexed C. Johnson Date ____ Date 12-35 No. ____

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B.S. +	H.I.	F.S −	ELEV.	Levels North from Pt. A.	
Pt.	8 65			13 33	✓ Pt. A Top 3x3 per page 66	
R.P.		2 95	3 91	18 04	Top brass cap mon	S.E pt A
R.P.			2 57	19 38	" " " "	N.E pt A
T.P. 1.	1 66		10 98	10 97		
		12 63				
T.P. 2	4 58		5 34	7 29		
		11 87				
T.P. 3	9 68		4 25	7 62		
		17 30				
Pt. 0			2 12	15 18	Top 3x3 Rwd	
Pt. N-2			1 61	15 69	L&T. conc head wall	
Pt. N-1	1 49		2 20	15 13	✓ Top 3x3 Rwd.	
		16 59				
T.P. 5	4 57		8 05	8 54		
		13 11				
T.P. 6	9 52		4 71	8 40		
		17 92				
R.P.	8 24		2 34	15 58	Top brass cap mon	S.E. pt N.
		23 82				
R.P.			8 23	15 59	" " " "	N.E. pt. N

Profile No. ____ Notes Red. [illegible] Platted R.W. McC Job No. 8102 Division No. ____ L.B. 589 PG. 107
Date ____ Date Dec. '35 Survey of Redondo Yacht Harbor
X-Sec. No. ____ Notes Chkd. ____ Checked [illegible] Survey by [illegible] Notes [illegible] Date [illegible]-4-35
Date ____ Date 12-3-35 Map No. B1083.5 Indexed [illegible] Date ____

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

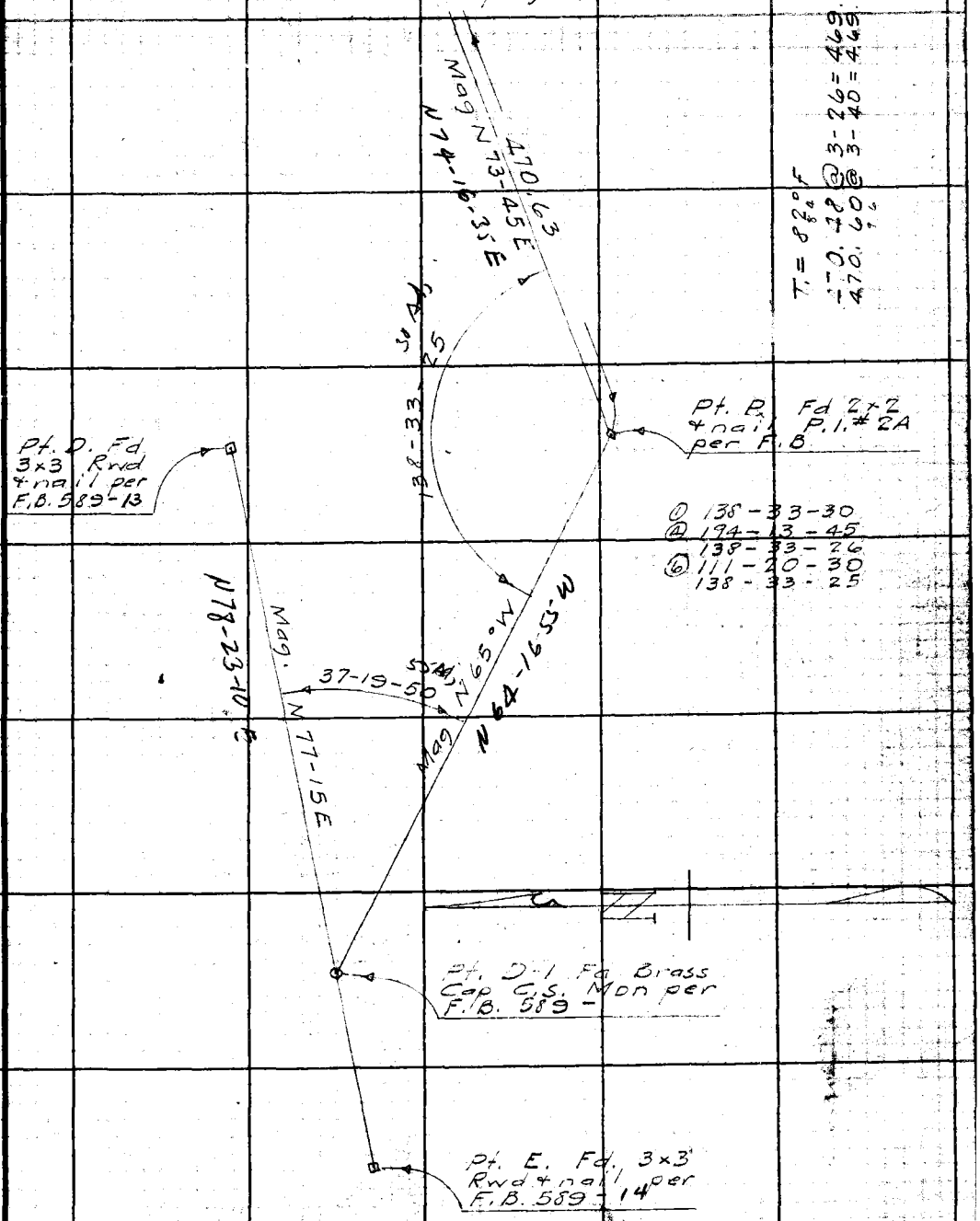
Do not extend notes this side of this line

L.B. 587 P.G. 108 Job. No. 8102 Division No. ____ Notes Red ____ Plotted R.W.M. Profile No. ____
Survey of Redondo Yacht Harbor Date ____ Date Dec. '35 X-Sec. No. ____
Survey by Dunlap Notes P.T.P. 11-4-35 Notes Chkd. ____ Checked ____ Date 12-35
Indexed A. C. Johnson Date ____

STATION	B.S.	H.I.	F.S	ELEV.		
		23 82				
Pt. M-1						
T.P. 8	2 75		1 28	22 54	Top 1×2	
		25 29				
Pt. M			3 38	21 91	Top 1×2	
Pt. L			5 08	20 21	Top 1×2	
T.P. 9	3 24		1 67	23 62		
		26 86				
[illegible]	3 58		6 10	20 76	Top 2×2	
		24 34				
Pt. [illegible]			5 74	18 6~~2~~3	Top 1×2 (6++3.15.)	Elev. 18.70 per page 95

Notes Ck'd by Aak	Survey of Redondo Yacht Harbor F.B. 589 Pg. 109
Map No.	W. O. 8102 Tape No 32 St'd 84 °F.
	P.T. Dunlap
Checked	Notes Dunlap Date 10-18-35
Date	Indexed A. C. Johnson 11-8-35

Cont on bot. page



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

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

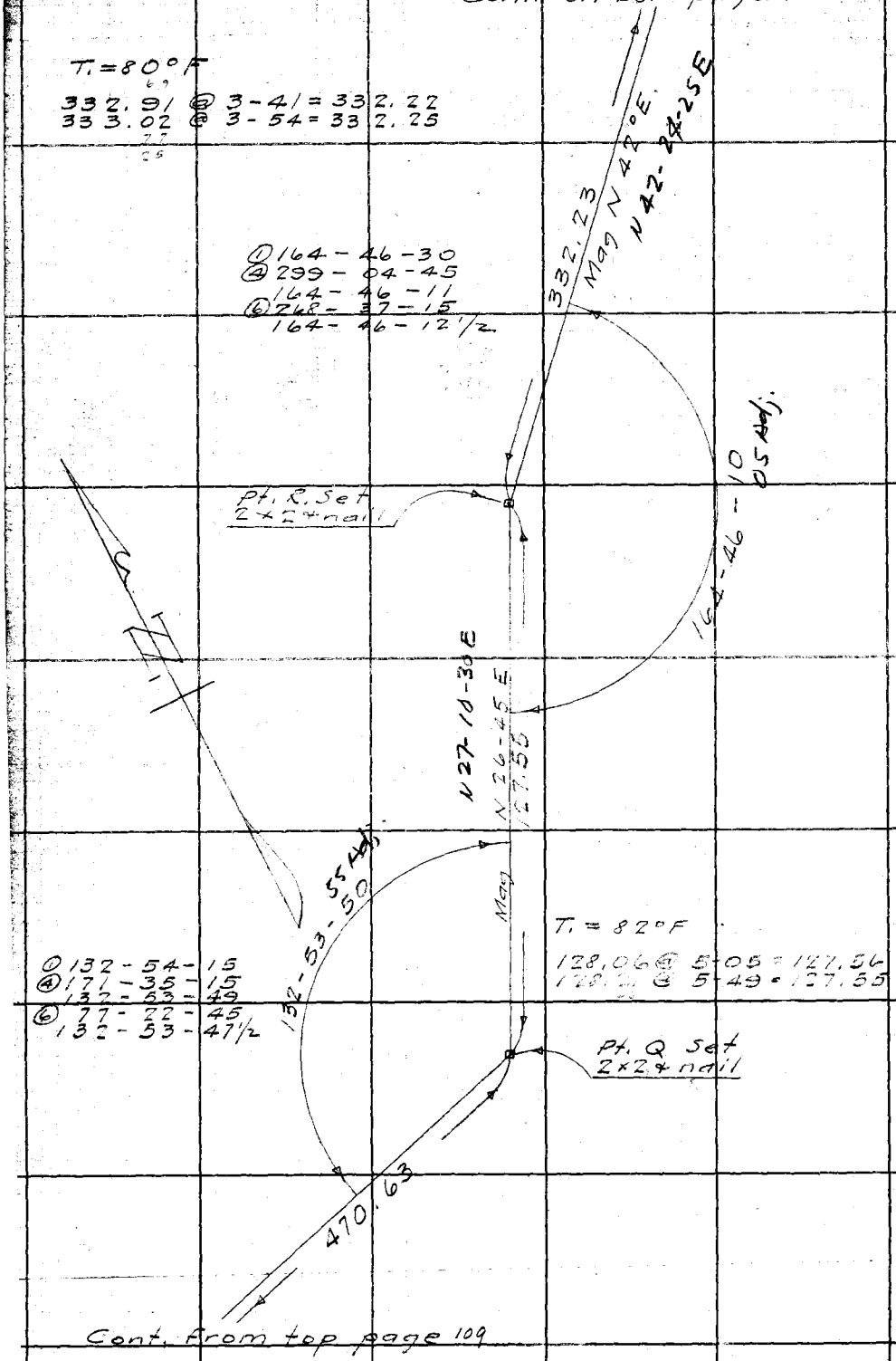
FORM 247 BM 2-34

F.B. 589 PG. 110

Cont. on bot. page 111

T. = 80°F

332.91 @ 3-41 = 332.22
333.02 @ 3-54 = 332.25

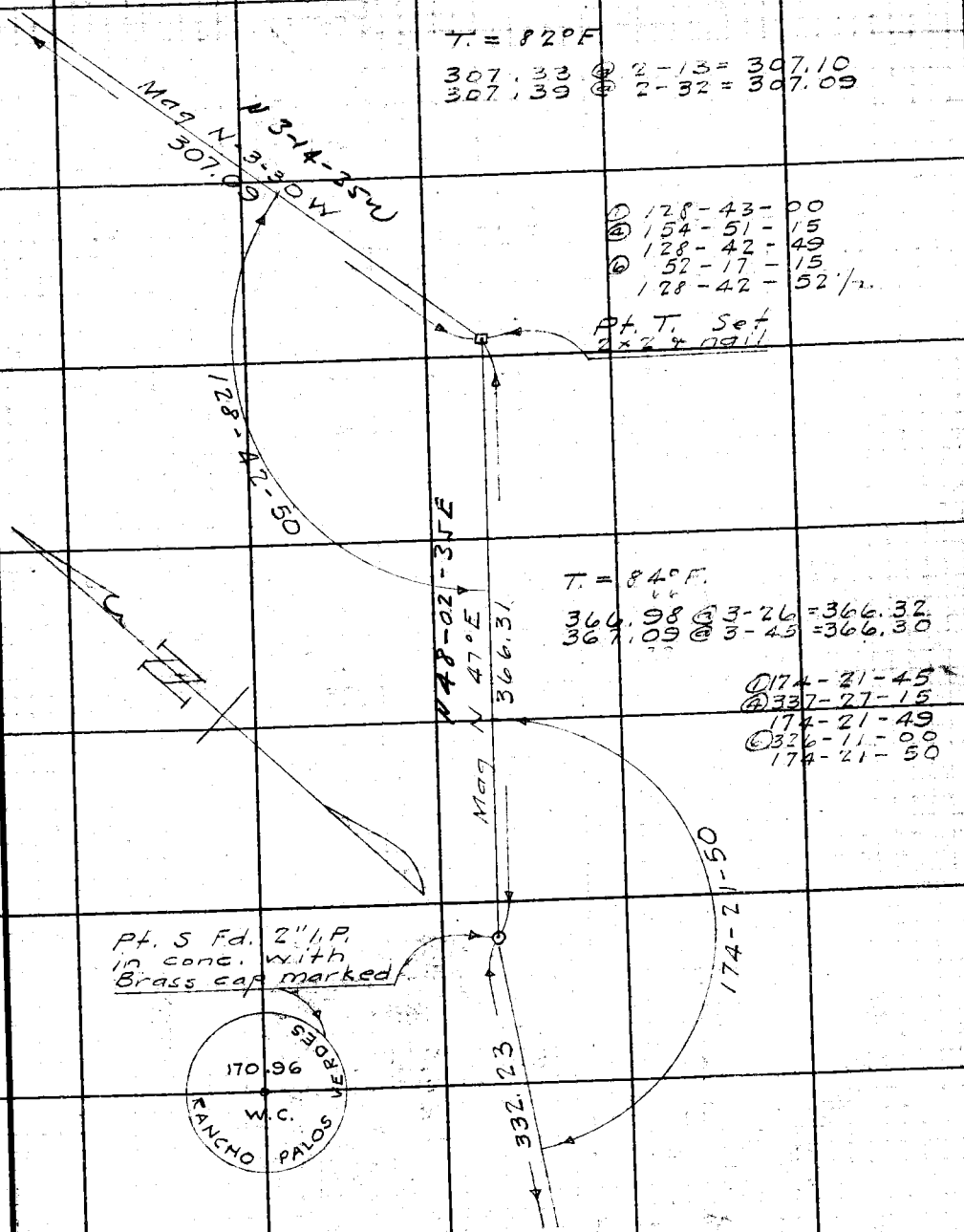


Cont. from top page 109

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Notes Ck'd by aur	Survey of Redondo Yacht Harbor	F.B. 589 Pg. 111
Map No.	W. O. 8102 Tape No 32 St'd 84 °F.	
	Surveyed by P. J. Dunlap	
Checked	Notes Dunlap Date	
Date	Indexed A. C. Johnson	

Cont. on bot. page 112



Cont from Top Page 110

Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

FORM 247 5M 2-34

F.B. 589 Pg. 112 Cont. on bot. page 113

T. = 78°F.
182.96 Level

T. = 78°F
482.17 @ 6-13 = 479.34
482.00 @ 6-01 = 479.32
Level 98.64
Total 577.97

T. = 84°F
438.48 @ 6-41 = 435.50
438.24 @ 6-27 = 435.47

182.95

Pt. W Set
2 x 2 + nail

577.95

N 10-45 E

N 10-57-25 E

Pt. V Set
2 x 2 + nail

Mag

① 165-48-15
② 303-12-00
165-48-00
③ 274-48-15
165-48-02 1/2

435.48

165-48-00

Pt. U Set
2 x 2 + nail

60.06

Cont. from top page

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line

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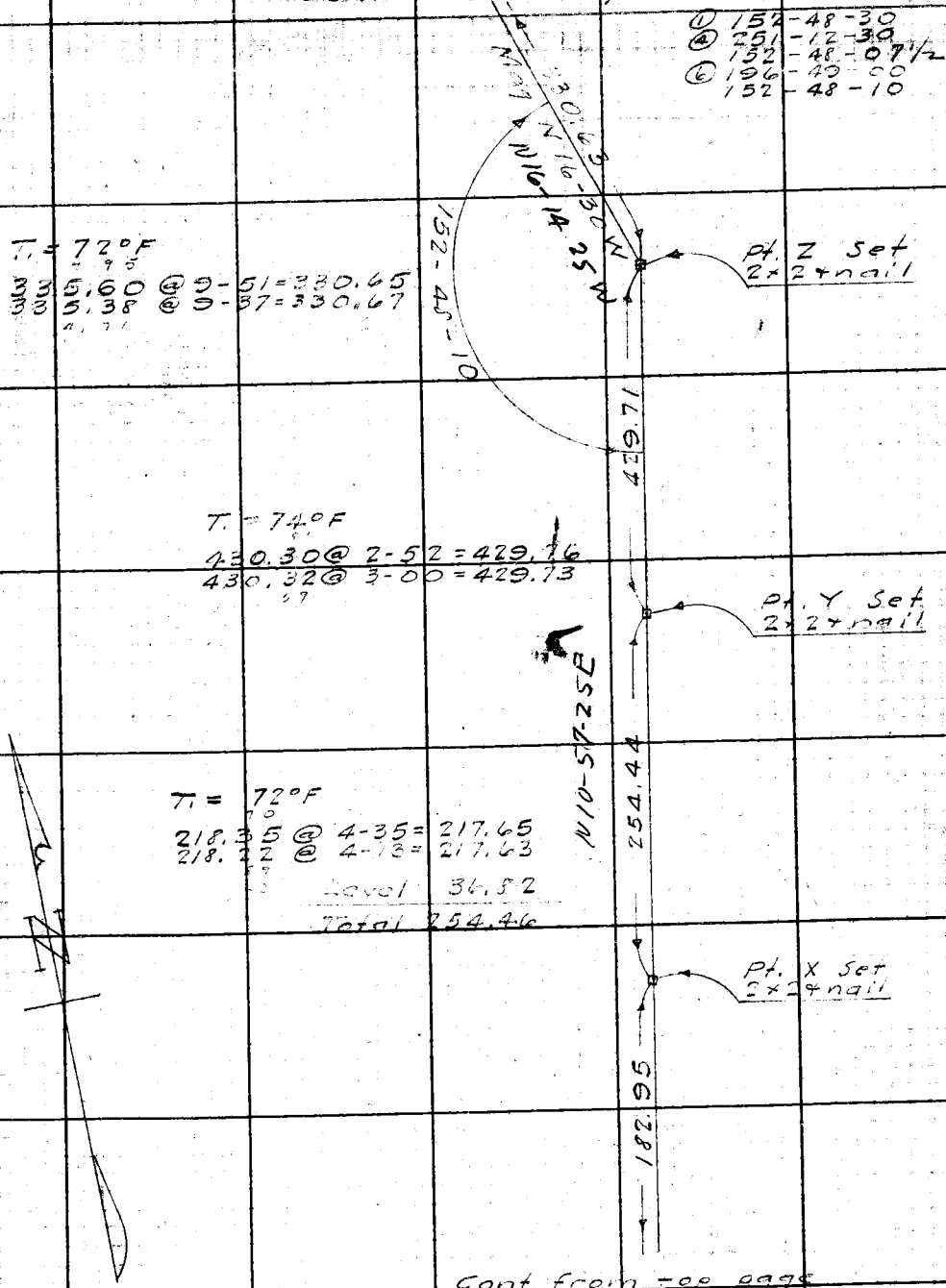
Notes Ck'd by Aak	Survey of Redondo Yacht Harbor	F.B. 589 Pg. 113
Map No.	W. O. 8102 Tape No 32 St'd 84 °F.	
Checked	Notes Dunlap Date 10-19-35	
Date	Indexed A. C. Johnson	

Cont. on pot. Page.

① 152-48-30
④ 251-12-30
152-48-07½
⑥ 196-49-00
152-48-10



T. = 72°F
335.60 @ 9-51 = 330.65
335.38 @ 9-37 = 330.67

T. = 74°F
430.30 @ 2-52 = 429.76
430.32 @ 3-00 = 429.73

T. = 72°F
218.35 @ 4-35 = 217.65
218.22 @ 4-13 = 217.63
Level 36.82
Total 254.46

Cont from top page

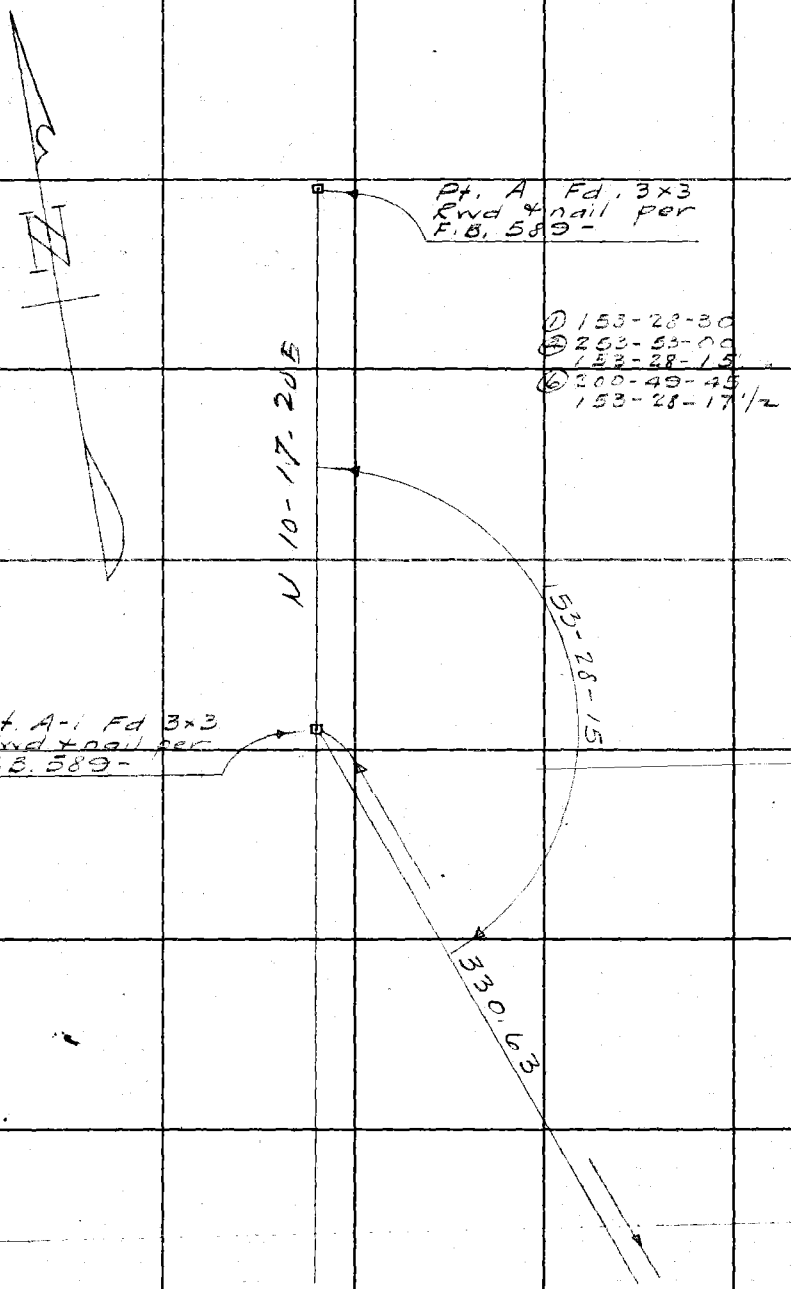
Note: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN Red Ink WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 SM 2-34

F.B. 589 Pg. 114



Cont. from top p.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

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Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line

~~STATION~~		~~B.S.~~	~~H.I.~~	~~F.S.~~	ELEV. OF	ELEV. OF	TAN.		
INST. AT.	SIGHT ON	VERTICAL ANGLE	HORIZONTAL DIST.	VERTICAL DIST.	POINT AT INST.	POINT AT SIGHT.	VERTICAL ANGLE		
Pt. Q-1	Pt. P.	+22-13	218 92	+8945	12 57	102 02	408602	Vertical Angle	
		+22-14						Elevations over	
Pt. P	Pt. Q	+3-42	470 63	+3043	102 02	132 45	064667	upper controll	
		+3-42						line at south	
Pt. Q	Pt. R.	+5-58	127 55	+1333	132 45	145 78	104516	end Redondo	
		+5-58						A Vertical angles	
Pt. R	Pt. S	+4-04	332 23	+2362	145 78	169 40	071096	turned to H.I. on	
		+4-04						rod on Pt. ahead.	
Pt. S	Pt. T.	+3-42	366 31	+2369	169 40	193 09	064667		
		+3-42							
Pt. T	Pt. U	+2-41	307 09	+1439	193 09	207 48	046867		
		+2-41							
Pt. U	Pt. V	-6-24	435 48	-4885	207 48	158 63	112168		
		-6-24							
Pt. V	Pt. W	-5-[illegible]	117 95	-5073	158 63	107 90	087782		
		-5-01							
Pt. W	Pt. X	+0-45	182 95	+242	107 90	110 32	013236		
		+0-46							
Pt. X	Pt. Y	-4-53	254 44	-2174	110 32	88 58	085437		
		-4-53							

Profile No. ____ Notes Red. ____ Platted ____ Job No. 8102 Division No. ____ L. B. 589 Pg. 113
Date ____ Date ____ Survey of Redondo Yacht Harbor
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by [illegible] Notes ____ Date 10-16-35
Date ____ Date ____ Map No. ____ Indexed [illegible] Date 11-8-35

Form 307 5M 10-34

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line

~~STATION~~		~~B.S.~~	~~H.I.~~	~~F.S.~~	ELEV. OF	ELEV. OF	TAN		
INST. AT	SIGHT ON	VERTICAL ANGLE	HORIZONTAL DIST.	VERTICAL DIST	POINT AT SIGHT.	POINT AT INST	VERTICAL ANGLE.		
Pt. Y	Pt. Z	-3-14	429 71	-24 28	8[illegible] 58	64.30	.0564923		
		-3-14							
Pt Z	Pt A-1	-9-27	330 63	-55 08	64 30		1665951		
		-9-28				922			
						923			Elev per p.

L.B. 587 P.G. 116 Job. No. 8102 Division No. Notes Red Plotted Profile
Survey of Redondo Yacht Harbor Date Date No.
Survey by P.T. Dunlap Notes Dunlap Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

Notes Ck'd by	Survey of Cadastral Mapping
Map No.	W. O. 8109 Tape No. 977 St'd 68 °F
Checked	Notes [illegible] Date
Date	Indexed A. C. Johnson 5-12-42

F.B. 589 PG. 1 & 1

BEACH EROSION SURVEY
CONTROL LINE
TIES
TO L.A. CO. GEOD. CONTROL SYS.

J.N. 4902.

PARTY:
Emmott
Kleineck
Gundarson
Heber
Anderson.
May-1942.

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.

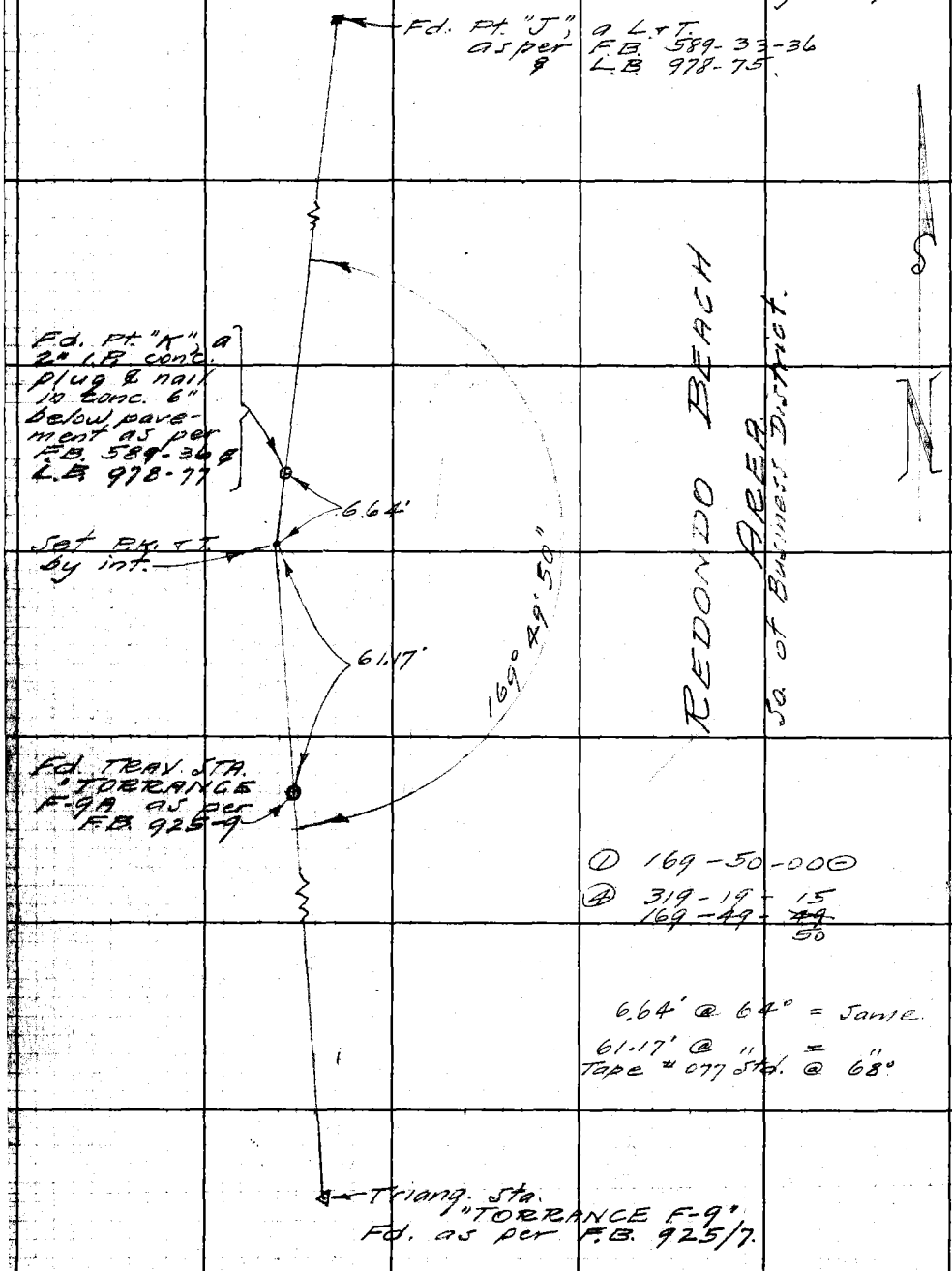
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 SM 1-41

F.B. 589 PG. 122

BEACH EROSION SURVEY CONTROL LINE
TIE TO
L.A. CO. GEOD. CONTROL SYSTEM

May 11-1942



① 169-50-00⊖

④ 319-19-15
169-49-~~49~~ 50

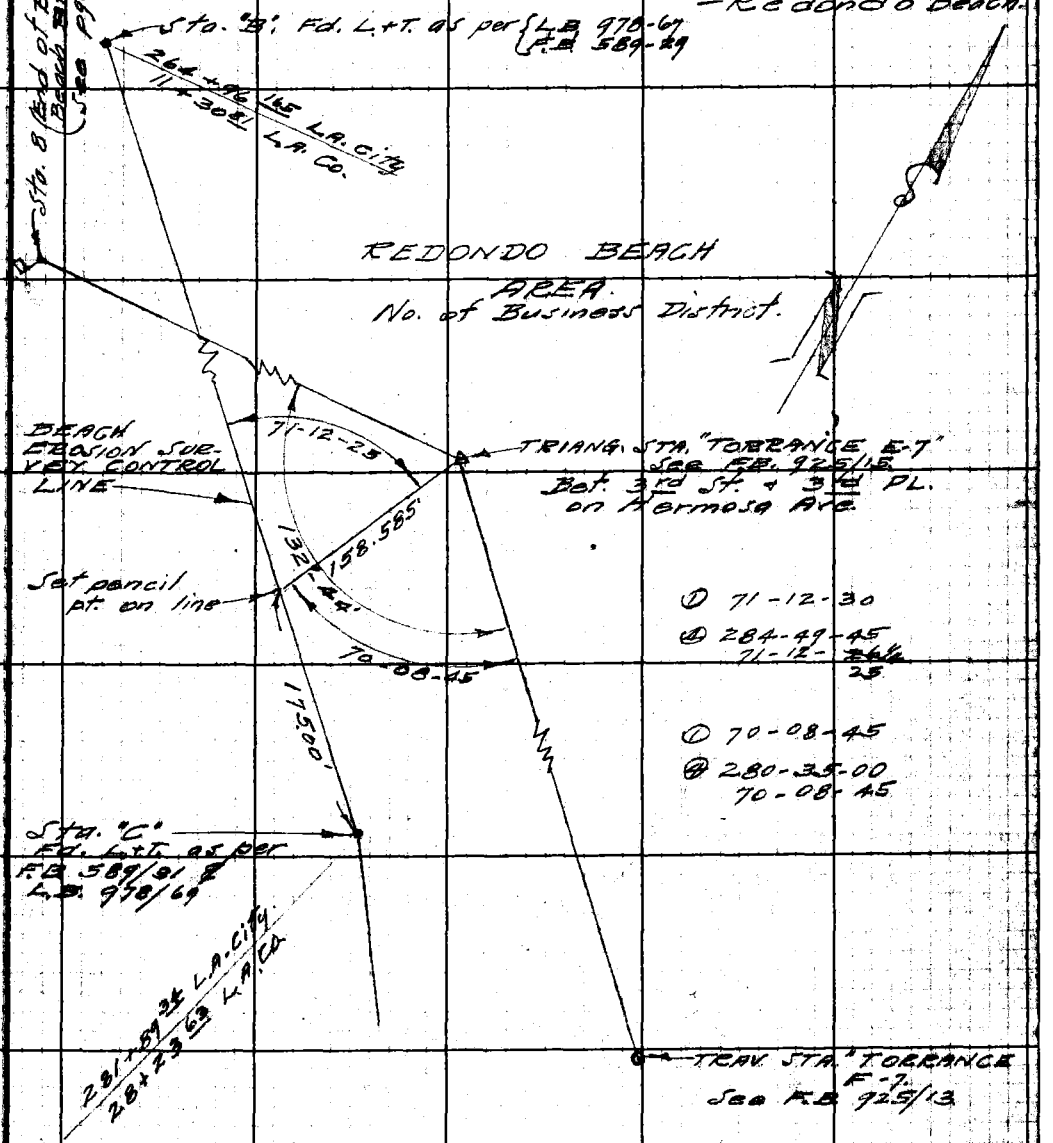
6.64' @ 64° = Same

61.17' @ " = "
Tape #077 Std. @ 68°

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Redondo Beach Area	F.B. 589 Pg. 123
Map No.	W. O. 8109 Tape No. 077 St'd 68 °F	
Checked	Notes GWK Date 5-8-42	
Date	Indexed A. C. Johnson	

BEACH EROSION SURVEY CONTROL LINE
TIE TO
L.A. CO. GEOD. CONTROL SYSTEM
—Redondo Beach.



175.00' @ 66° = Same.
158.585' @ " = " .

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

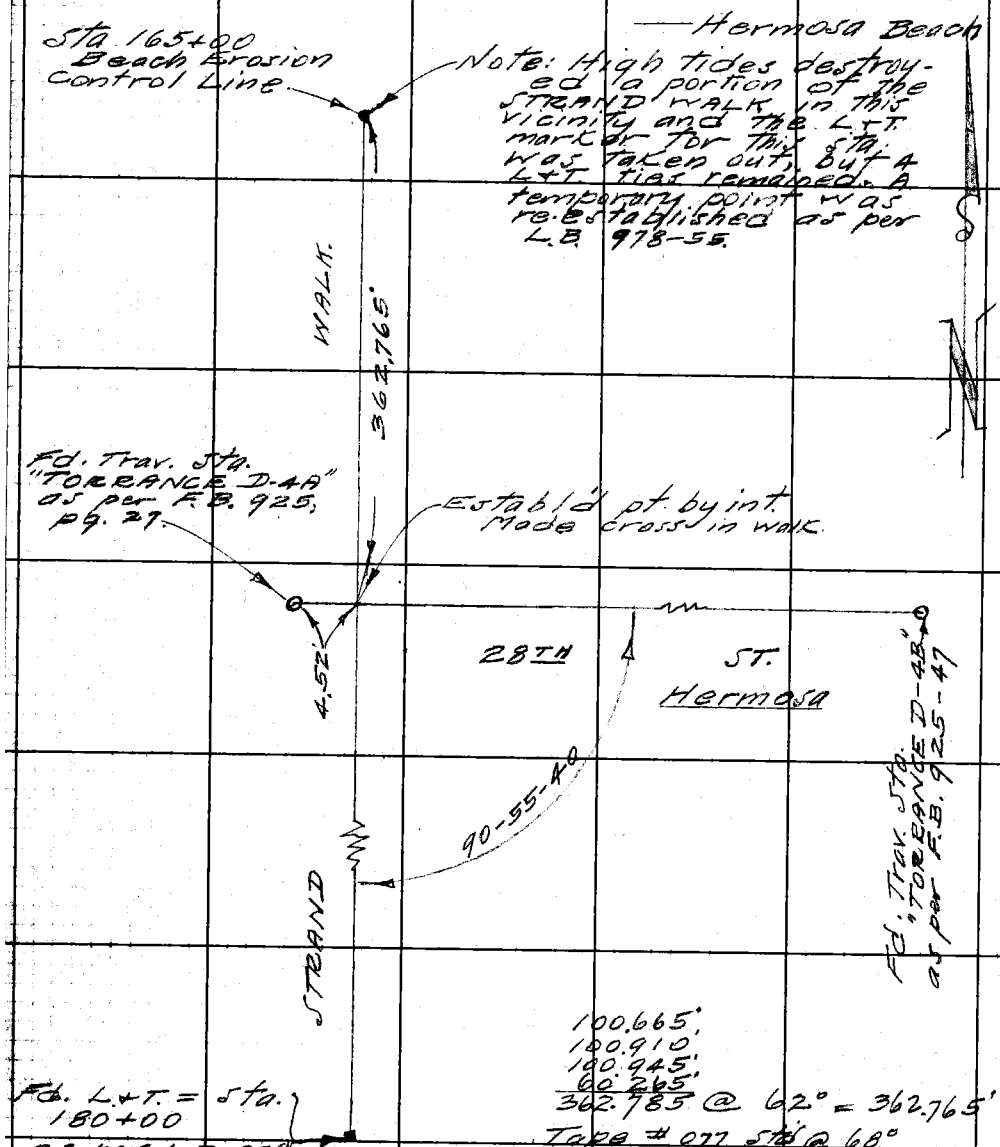
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 267 5M 11-41

F.B. 589 PG. 124

BEACH EROSION SURVEY CONTROL LINE TIE TO L.A. CO. GEOD. CONTROL SYSTEM



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Location of Brk-water
Map No. CSD-1083-7	W. O. 8109 Tape No. 077 St'd. 98 °F
Office Work [illegible]	[illegible]
Checked	Notes [illegible] Date 5-8-42
Date	Indexed

F.B. 589 PG. 125

LOCATION
OF
BREAK-WATER AT REDONDO BEACH
AT SITE OF OLD EDISON PIER AT
10TH ST.

J.N. 4902.

Party.
Emmott.
Kleineck
Gunderson.
Heber
Anderson.
May 8-42.

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.

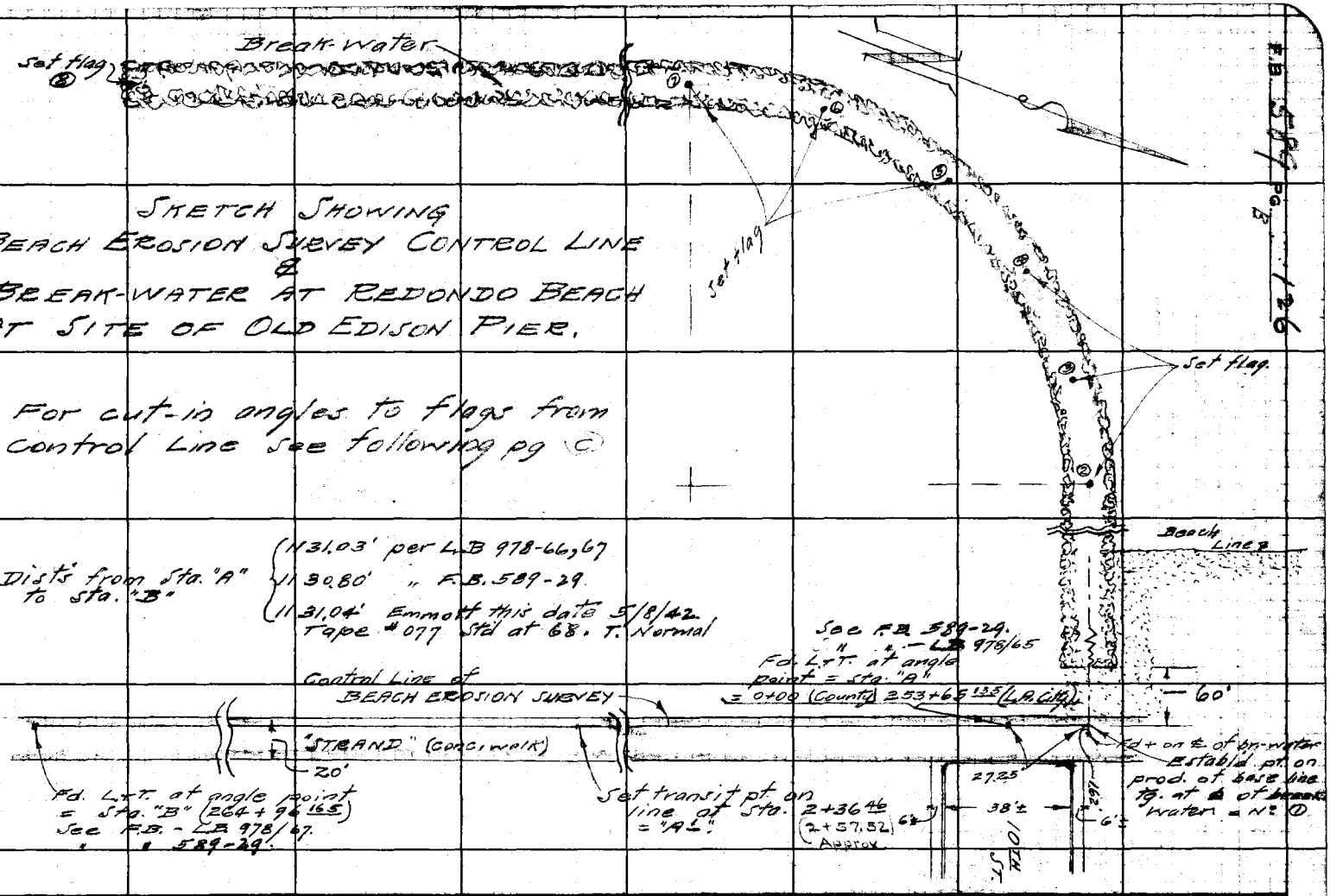
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 SM 11-41

SKETCH SHOWING
BEACH EROSION SURVEY CONTROL LINE
&
BREAK-WATER AT REDONDO BEACH
AT SITE OF OLD EDISON PIER.

For cut-in angles to flags from control line see following pg ©

Dist's from Sta. "A" to Sta. "B"
- 1131.03' per LB 978-66,67
- 1130.80' " F.B. 589-29.
- 1131.04' Emmott this date 5/8/42. Tape #077 Std at 68°. T. Normal



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Notes Ck'd by	Survey of Location of Break Water
Map No. CSB-1083-7	W. O. 8109 Tape No. 077 St'd. 68 °F
Checked	Notes G.W.K. Date 5-2-47
Date	Indexed

F.B. 589 Pg. 127

Notes Contd from pg. (B)

CUT-IN ANGLES FROM CONTROL LINE STATIONS TO Flags SET ALONG TOP OF BREAK-WATER AS PER PAGE (B)

"No 1" — G.W.K.

Flag No	Inst. at Sta. "A" "A" Vernier	F.S. on Sta. "B" "B" Vernier	
8	60-49-00	60-49-00	Left
7	71-23-30	71-24-00	
6	79-21-00	79-21-00	
5	84-40-00	84-40-00	FS to
4	88-36-30	88-36-30	
3	91-24-00	91-24-00	
2+1	92-06-00	92-06-00	

Flag No	Inst. at Sta. "A1" "A" Vernier	F.S. on Sta. "B" "B" Vernier	
8	67-48-00	67-48-00	Right
7	79-32-30	79-33-00	
6	88-29-00	88-29-30	
5	94-50-00	94-50-00	FS to
4	99-54-00	99-54-00	
3	104-21-30	104-22-00	
2	106-42-00	106-42-00	

	Flag No	Inst. at Sta. "B" "A" Vernier	F.S. on Sta. "A" "B" Vernier
5°51	8	84-09-00	84-09-00
[illegible]20	7	71-40-00	71-40-00
27°32'30	6	62-27-30	62-27-00
34°29'30	5	55-30-30	55-30-00
40°18'30	4	49-41-30	49-41-30
46°10'00	3	43-50-00	43-50-00
50°02'30	2	39-57-30	39-57-30

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.

RETURN TO LOS ANGELES COUNTY SURVEYOR 700 HALL OF RECORDS

FORM 247 3M 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. 569 PG. 128

Profile No. _____ X-Sec.

Notes Red _____ Plotted _____ Job No. 8412 Division No. _____

Date _____ Date _____ Survey of Beach Studies

Notes Chkd _____ Checked _____ Survey by Benson Notes [illegible] Date 5-15-47

F.B. 589 Pg. 131

PROFILE
FOR
THREE GROINS
AT
REDONDO BEACH

BEACH STUDIES

J.N. 8412.

DATUM M.L.L.W.

5-15-47
J.A. Benson
M.A. VanDeren
F.S. Coates
V.B. Anderson
D.N. Laub.

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 SURVEYOR
700 HALL OF RECORDS

FORM 307 5M 1-46

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

5-23- 20.186

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
BM.	6.44	26.73		20.287	on brass cap F.B. 1184-17. Geod. Cont. sta. "Torrance F.9-A" sta. 323+96 ±
328+30.00 =		Groin #3.			[illegible] ±.
=0+00			5.32	21.41	
0+08.8			5.39	21.34	edge [illegible]
"			5.09	21.64	Top wood cb.
0+12			5.2	21.5	Top Bk.
0+23			12.3	14.4	Top [illegible]
T.P.	0.19	15.57	11.35	15.38	T.P.
0+46			5.4	10.2	[illegible]
0+77			9.5	6.1	
T.P.	3.70	7.09	12.15	3.39	T.P.
1+00			4.5	2.6	
1+24			7.5	-0.7	
1+70			8.6	-1.5	
1+89			8.7	-1.6	
2+00			8.5	-1.4	

DATUM = M.L.L.W.

F.B. 589 PG. 132

Job No. 8412 Division No. ____ Notes Red CAB Plotted ____ Date 5-15-47 Date ____ No. ____ Profile

Survey of Beach Studies Notes Chkd. NR Checked ____ Date ____ No. ____ X-Sec.

Survey by Benson Notes B Date 5-15-47 Date 5-15-47 Date ____ No. ____

Indexed ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		Grain #		2.	Profile on proposed ℄	
312+00 S-20	4.73	22.34		17.605	on brass cap mon. in roadway to [illegible] S-20-F.B. 1184-16	[illegible]
313+00 0+00			4.81	17.53	[illegible]	
0+09			4.96	17.38	" gut	
"			4.66	[illegible]	Toe cone db. 6"	
0+14			4.7	[illegible]	Top slope	
0+20			11.1	11.2	Toe slope [illegible]	(Row of piling along toe slope)
T.P.	0.08	11.67	10.75	[illegible]	T.P.	
0+25			1.2	10.5		
0+31			2.5	9.2		
0+47			4.5	7.2		
0+75			3.2	[illegible]		
T.P.	4.06	8.04	7.69	3.[illegible]	T.P.	
1+00			7.5	0.5		
1+39			8.2	-0.2		
1+53			8.5	-0.5		
1+75			9.5	-1.[illegible]		
1+95			9.9	-1.9		

DATUM - M[illegible] L.W.

Profile No. X-Sec. Notes Red CAB Plotted Date Notes Chkd [illegible] Checked Job No. 8412 Division No. Survey of Beach Studies Survey by Benson Notes [illegible] Date 5-15-4[illegible] C. Johnson

F.B. 589 Pg. 133

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		Groin # 1.			[illegible]	"S"-19
305+71.89					[illegible]	
S.19	5.33	27.06		21.732		
T.P.	1.23	16.75	11.54	15.72	T.P.	
0-08.2			3.5	13.3	[illegible]	
0-04.			4.5	[illegible]	beg. sand.	
0+15			4.6	[illegible]	"	
0+46.			4.9	11.9		
0+54			5.2	11.[illegible]		
0+72			8.2	8.[illegible]		
0+88			9.6	7.[illegible]		
1+00			11.0	5.[illegible]		
T.P.	1.33	7.85	10.[illegible]	6.52	T.P.	
1+25			5.4	2.5		
1+35			6.1	1.5		
1+45			7.4	0.5		
1+64			8.[illegible]	-0.4		
1+84			9.4	-1.5		
2+19			10.4	-2.5		
2+25			10.6	-2.7		

DATUM MLLW

F.B. 589 PG. 134

Job No. 8412 Division No. ____ Notes Red. CAB Plotted ____ No. ____ Profile

Survey of Beach Studies Date 5-15-47 Date ____ X-Sec.

Survey by Benson Notes AB Notes Chkd. [illegible] Checked ____ No. ____

Indexed ____ Date 5-15-47 Date 5-15-47 Date ____

Notes Ck'd by	Survey of Beach Studies
Map No. B-1991	W. O. 8412 Tape No. 227 St'd 65 °F
Checked	Notes " Date 5-15-47
Date	Indexed A. C. Johnson

F.B. 589 PG. 135

LOCATION OF SOUTH
SIDE PIER & SOUTH SPA PARK.
BEACH STUDIES
JN. 8412.
REDONDO BEACH

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.

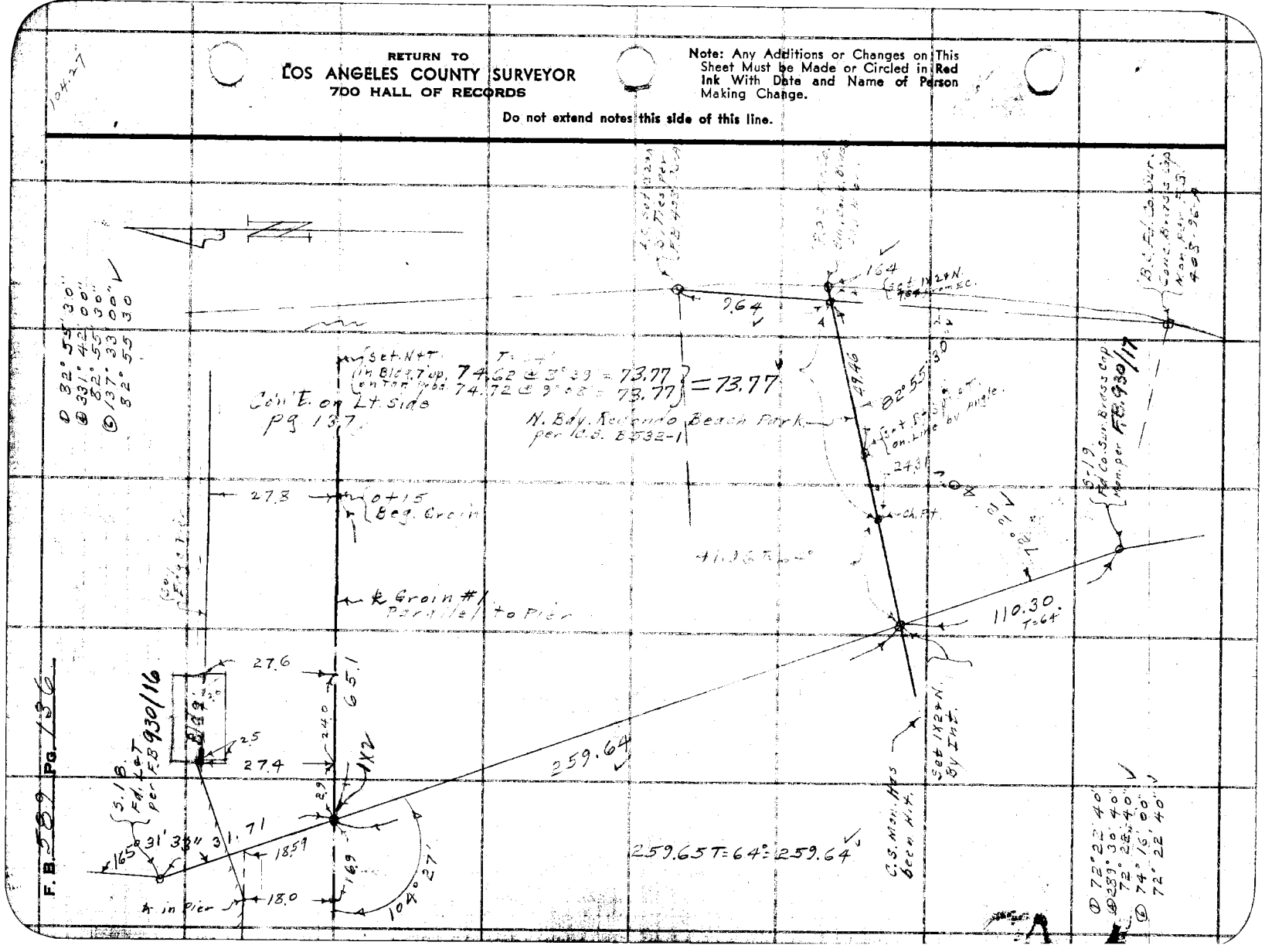
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 5-46

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

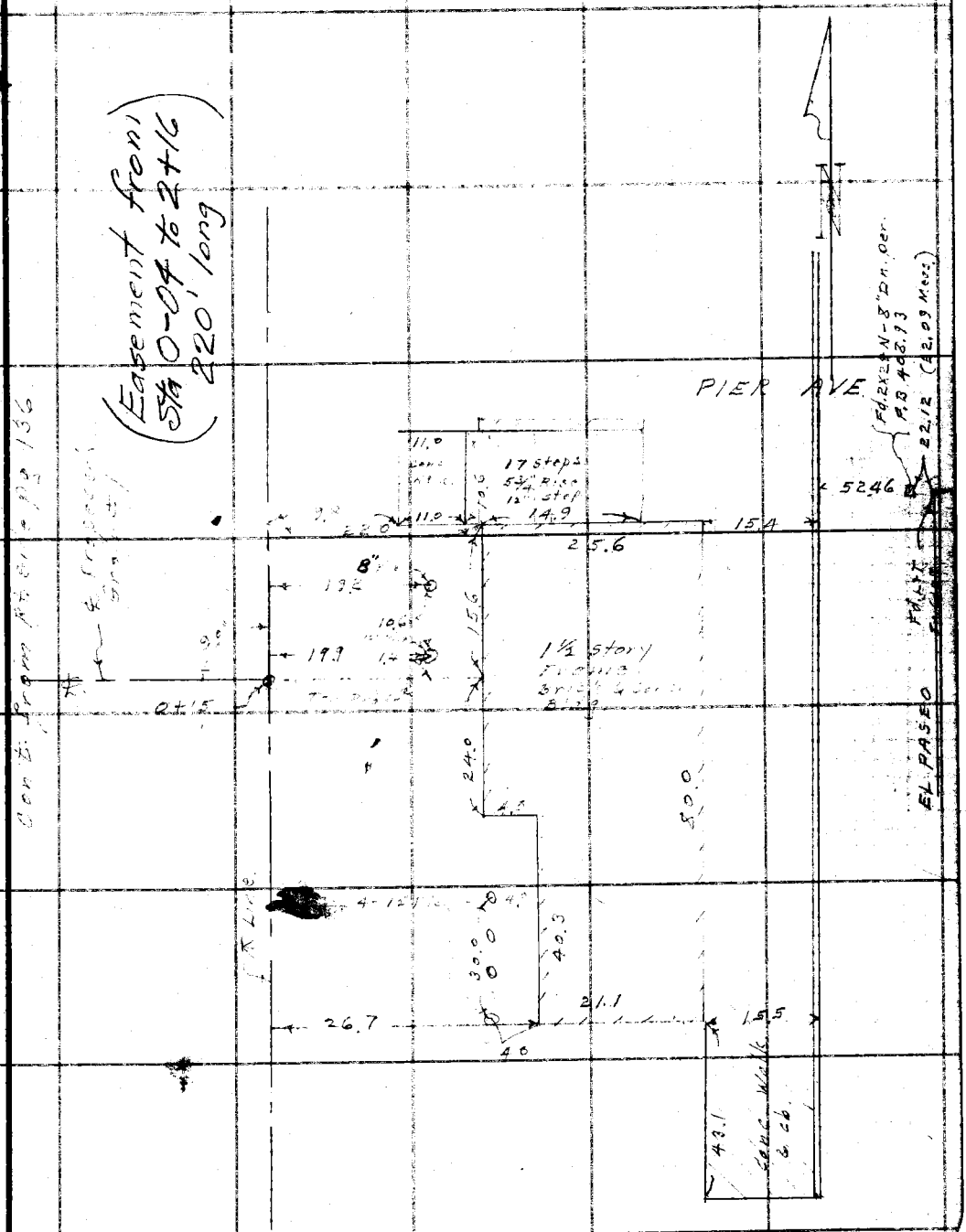
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.



Notes Ck'd by	Survey of Beach Studies
Map No. B-1991	W. O. 8412 Tape No. St'd °F
Office Work	Surveyed by [illegible]
Checked	Notes Date 5-15-47
Date	Indexed A. C. Johnson

F. B. 589 Pg. 137



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.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 5-46

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

F. B. 629 Pg. 123

Notes Ck'd by	Survey of Beach Studies
Map No.	W. O. 47 Tape No. St'd 55 °F
Office Work	Surveyed by [illegible]
Checked	Notes " Date 5-16-47
Date	Indexed ALBERT E. TIMMONS 5-23-47

F. B. 582 PG. 139

TRANSIT LINE
ON
ESPLANADE.

FROM - 3rd Bdy Redondo Beach Park (Near Ave. "A")
To - Ave. "I"

FOR.

X-SEC. BLUFF.

BEACH STUDIES

J.N. 8412.

May - 1947.
[illegible] Benson
[illegible]
[illegible]
C.H. Lewis

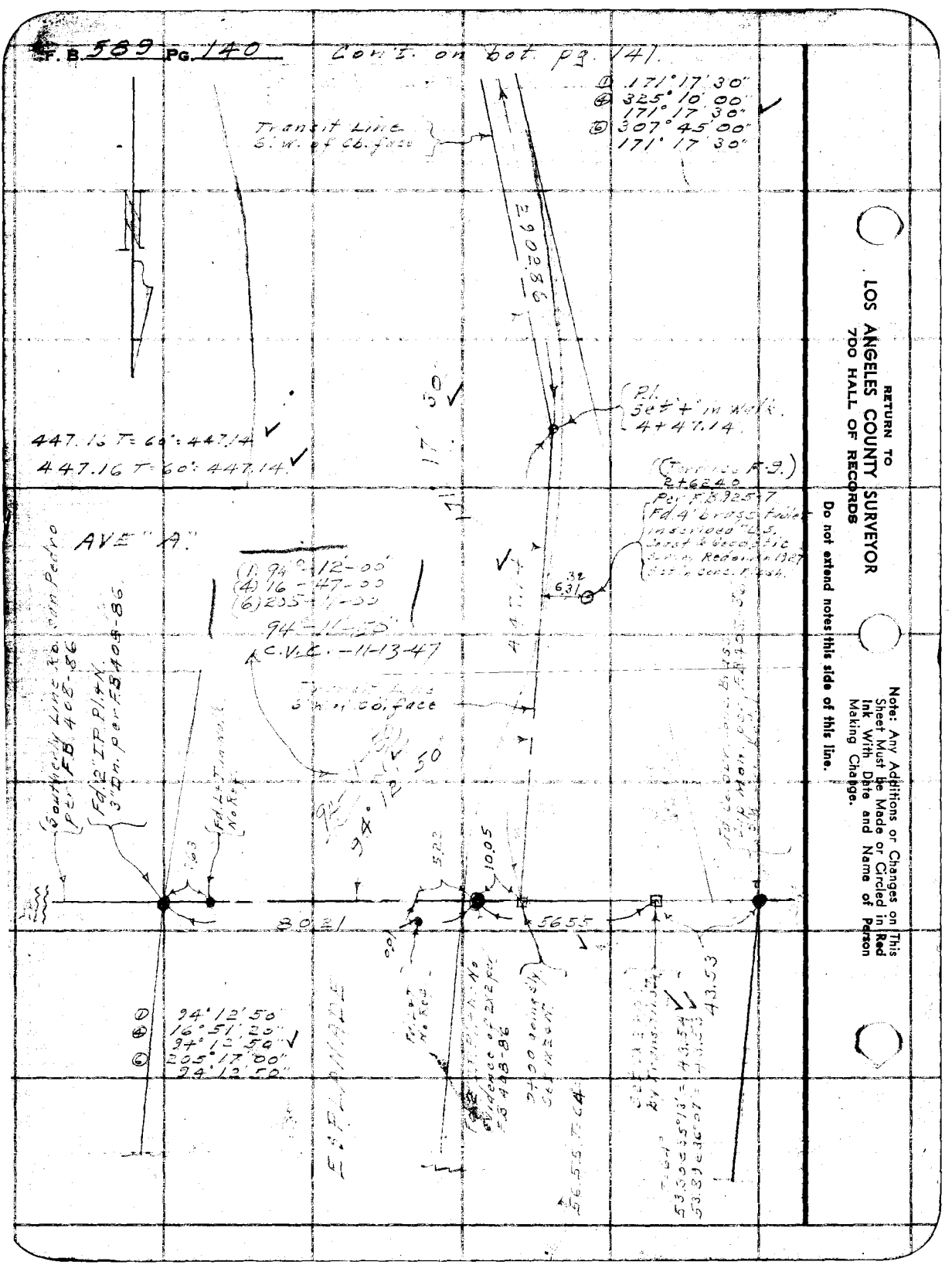
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 5-46

F. B. 589 PG. 140 Con't. on bot. pg. 141.



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Beach Studies
Map No.	W. O. 8412 Tape No. St'd °F
Office Work	
Checked	Notes Date
Date	Indexed ALBERT E. TIMMONS 5-23-47

F. B. PG. 141

① 7° 17' 40"
② 29° 10' 40"
7° 17' 40"
③ 43° 46' 00"
7° 17' 40"

Torrance F-10
Fd. 4' brass tablet set in Conc. inscribed "L.A. Co. Sur. Control ... Std. Torrance F-10 RE-2177 Set by Co. Sur. 1939" in H.H. For F.B. 925 5, 6.

SEE F.B. 838-111

367.04 T=64°= 367.03

① 81-28
② 16-06

6.99
16.8
28.16
.28
33+50
Set Bt. Spk. + T
Set X in Curb
Tang
Set L & Tk in Broken Curb
AVE "I"
367.03
7° 17' 40"
P.O.T.
Set 1x2 + N By Transit Line In On Top Bluff
S. Line
722.66
NOTE: Set "+" in walk from 1+00 to 30+00 incl. Set Bt. Spk. + T. 31+00 to 33+50 incl. Painted Stations on Same ... C.B.
S.D.M.H. 25+75.3
15.2
2902.86
5-26 See Pg. 142
2903.00 T=60°=2902.85
2902.94 T=64°=2902.86
ESPLANADE
S. Line Pg. 142
Transit Line 6' W. of Co. Face
Cont. from top Pg. 140

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.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

M.H. (1021 Dn)

FORM 247 5M 5-46

F.B. 589 PG. 142. To Rt. side pg. 141.

T=62°
192.39 @ 8°16' = 190.36
192.70 @ 8°54' = 190.35
190.35

(300 # 82 Sty. @ 84°F) used on slope ch.

T=62°
198.05 @ 2°35' = 197.82
198.14 @ 2°59' = 197.84
197.83

① 173°23'20"
④ 333°33'20"
173°23'20"
⑥ 320°20'00"
173°23'20"

To S.27

Ch. Pt. Set

S-26
Set 1X2 & N. Rec. Dist from R.M. #2 & Angle from S-25 & R.M. #2
Rec. = 23+21.78
Meas = 23+21.47
N-4047336.67
E-4169696.31

24.1
38.5

30" Dia. C.I.P. S.D.

414.82 T=64° = 414.81

414.81

12" V.P.

Approx. Parallel to St.

75.83 @ 19°13' = 71.60

401.25 T=64° = 401.24

19+06.66
Set 1X2 & N.

(2321.47 M.)
(S. 3°04'01" E- 2321.76)

C.V.C. 11-17-47
LATER SURVEY
SEE F.B. 1 ...

10+03.54
Set 1X2 & N. Flush

501.89 T=66° = 501.88

5+01.57
Set 1X2 & N. Flush

501.98 T=64 = 501.97

501.58 T=64° = 501.57

0+00 Going S'ly.
S-25
Fd. S.W. & T. in 4X6" Post.
15" Dn. By Tres. Pt.
F.B. 930-21
N-4049655.10
E-4169572.09

To S.24
Co. S.W. Cor. ...

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Profile No. X-Sec.

Notes Red. Plotted Job No. 8412 Division No.

Date Date Survey of Beach Studies

Notes Chkd. Checked Survey by Benson Notes [illegible] Date 5-19-47

F.B. 589 PG. 143

PROFILE
&
CROSS-SECTIONS.
ON
TRANSIT LINE
ON
ESPLANADE

FROM:- S'ly Bdy. Redondo Beach Park (Near Ave. A)
To:- Ave "I".

BEACH STUDIES.

J.N. 8412.

DATUM - MLLW.

5-19-47
C.A. Benson
M.A. Van Deren
J.S. Coats.
C.H. Lewis

To change to C&GS.
Datum (Mean Sea Level)
subtract 2.800'
HNB.

ELEV.

F.S.

H.I.

B.S.

STATION

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 5M 1-48

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

84295
78739
5.556

6422

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.	
B.M. U.S. 104	10.014	57.269		47.255	46.48 (City of Redondo Beach) -- At Redondo Beach, L.A.Co., about ½ block S.W. along Esplanade St. from the inter. of Catalina Ave. about 100 yds. W. of the ℄ of the St., at the Hd. of the conc. stairway leading from Ainsworth Ct. to the beach, 0.4 ft. E. of the N. conc. Hd. post, and in the top of the conc. sidewalk. A. City of Redondo Beach Std. disk, stamped "46.48" 1941 U.S.C.&G.S. Adj. elev. 44.455. (El. above M.L.L.W. 47.255
T.P	8.962	65.728	0.503	56.766	
T.P	8.802	73.203	1.327	64.401	
T.P	7.367	79.541	1.029	72.174	
T.P.	1.589	70.700	10.430	69.111	
T.P	1.363	62.521	9.542	61.158	
T.P	5.680	60.290	7.911	54.610	
T.P.	8.621	67.081	1.830	58.460	T.P in front Ho. # 619
T.P	10.477	76.310	1.248	65.833	
T.P.	6.425	78.274	4.461	71.849	
T.P.	6.410	81.170	3.514	74.760	
T.P	4.007	79.982	5.195	75.975	
T.P	3.785	78.739	5.028	74.954	
0+00			4.63	74.11	1X2
0+71			4.16	74.58	Top wall
"			5.13	73.61	Toe wall & edge conc. walk.
1+00			5.38	73.36	+ in walk.
T.P.	5.140	77.457	6.432	72.317	T.P.
2+00			4.76	72.70	+ in walk.
set. B.M.	3.210	75.698	4.969	72.488	B.M. "Torrence F 9"
3+00			3.60	72.10	+ in walk

-DATUM-
M.L.L.W.

F.B. 589 Pg. 144

Job No. 8412 Division No. ____ Notes Red. CAE Plotted ____ No. ____ Profile

Survey of Beach Studies Date 5-20-47 Date ____ X-Sec.

Survey by Benson Notes ____ Notes Chkd. ____ Checked ____ No. ____

Indexed ALBERT E. TIMMONS Date 5-20-47 Date 5-23-47 Date ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		75.698				
4+00			4.60	71.10	set + in walk	
4+47.14 ⊥ Pt			5.18	70.52	"	
5+00			5.84	69.86	"	
6+00			7.23	68.47	"	
T.P.	1.963	71.430	6.231	69.467	T.P.	
7+00			4.34	67.09	"	
8+00			5.48	65.95	"	
9+00			6.60	64.83	"	
T.P.	2.160	67.976	5.614	65.816	T.P.	
10+00			4.36	63.62	"	
11+00			5.59	62.39	"	
12+00			6.80	61.18	"	
T.P.	2.330	64.298	6.008	61.968	T.P.	
13+00			4.25	60.05	"	
14+00			5.43	58.87	"	
15+00			6.59	57.71	"	
set B.M.	4.423	61.749	6.972	57.326	set B.M.# Esplanade & Ave. "D" S.E. Cor. Bt. spk. 5' so. of S. end. S.R.	
16+00			5.25	56.50	set + in walk	
17+00			6.43	55.32	"	
T.P.	2.255	58.161	5.843	55.906	T.P.	
18+00			4.03	54.13	"	

-DATUM-
MLLW

Profile No. X-Sec.
Notes Red CAL Plotted Date 5-22-47 Date
Notes Chkd [illegible] Checked
Job No. 8412 Division No.
Survey of Beach Stations
Survey by Benson Notes [illegible] Date 5-22-47
F.B. 589 Pg. 145

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. 589 Pg. 146 Job No. 3412 Division No. Notes Red CAB Plotted No.
Survey of Beach Street Date 5-20-47 Date 5-23-47 Profile
Survey by Ellson Notes Notes Chkd. Checked No.
Indexed ALBERT E. TIMMONS Date 5-20-47 Date 5-23-47 X-Sec.

STATION	B. S.	H. I.	F. S.	ELEV.		
		58.161				
19+00			4.88	53.28	Set "T" in walk.	
20+00			5.57	52.59	"	
21+00			6.29	51.87	"	
T.P.	3.550	56.476	5.235	52.926	T.P.	
22+00			4.83	51.65	"	
23+00			5.04	51.44	"	
24+00			5.22	51.26	"	
T.P.	3.803	55.989	4.290	52.186	T.P.	
25+00			4.95	51.04	"	
25+753 -15.2 Lt.				40.14	F.L. Bot. S.D. M.H. (Ave G. Storm Drain)	
26+00			5.11	50.88	"	
27+00			5.34	50.65	"	
T.P.	3.643	55.367	4.265	51.724	T.P.	
28+00			4.93	50.44	"	
29+00			5.64	49.73	"	
30+00			4.29	51.08	"	
T.P.	5.844	56.833	4.378	50.989	T.P.	
31+00			5.05	51.75	Top Sb.	
31+00			5.70	51.13	Gt. Set Bt. Spk. + T.	
32+00			4.77	52.06	"	
33+00			5.21	51.62	"	
33+50			5.51	51.32	"	
Set B.M.	7.330	57.548	6.615	50.218	Set B.M. Torrence F.D. Co. Sur. Mon. in HH. Ave I & Esplanade	

-DATUM- M.L.L.W.

FORM 307 5M 1-46

143.611
5.556
138.055

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

136.96

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

45.37

Do not extend notes this side of this line.

Profile No. ____ X-Sec. ____ Notes Red CAF Date 5-28-47 Plotted ____ Date ____ Notes Chkd ____ Checked ____ Job No. 8412 Division No. ____ Survey of Rancho Palos Verdes Survey by ____ Notes ____ Date ____ Map No. ____

F.B. 589 Pg. 147

STATION	B. S.	H. I.	F. S.	ELEV.	
		57.548			
T.P	6.049	62.797	0.800	56.748	
T.P.	5.930	64.154	4.573	58.224	
T.P.	2.143	64.706	1.591	62.563	
T.P	8.208	64.906	8.008	56.698	
T.P	10.621	74.363	1.164	63.742	
T.P.	10.621	84.195	0.789	73.574	
T.P	9.963	93.549	0.609	83.586	
T.P.	10.124	102.924	0.724	92.800	
T.P.	10.491	112.685	0.730	102.194	
T.P.	9.692	121.581	0.796	111.889	
T.P.	10.365	130.982	0.964	120.617	
T.P. Fd. U.S. 2671 New Description	8.207	138.424	0.765	130.217	U.S.C&G.S. H-169-1933 -- Redondo Beach, about 2 mi. S. of, on S.E. Cor. of Hawthorne Blvd. & Palos Verdes Parkway (Catalina St.), also known as San Pedro Redondo Beach Road and Cor. Monument, 6 ft. N. and 2 ft. E. of S. end of curb return, a std. bronze disk set in conc. stamped H.169-1933. Elev. after re-setting as run by Co. Sur. from (WS 1282.) "V-60-1926 U.S.C.&G.S." 1941 U.S.C.&G.S. Adj. Reset Elev. 134.160 (Elev. above M.L.L.W. 136.96)
			1.369	137.055	
B.M. Torrence F.10	3.95	54.17		50.218	
T.P.	3.89	52.44	5.62	48.55	
Fd. B.M.			6.75	45.69	L&T. in S'ly curb of 3 lane st opposite center of main entrance to Riviera Beach Club Bldg. (N. Malaga Cove Area.) as per L.B. 589-63 El. 45.653 (El. 45.667 per F.B. 1154-19.)

4.564
45.653
.037

-DATUM-
M.L.L.W.

F.B. 589 PG. 148

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of	F.B. 589 Pg. 149
Map No.	W. O. Tape No. St'd °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed A. C. Johnson 9-17-47	

J.N. 8412
BEACH EROSION

GROIN No 1 - REDONDO.

CONSTRUCTION STAKES.

JULY 17 1947

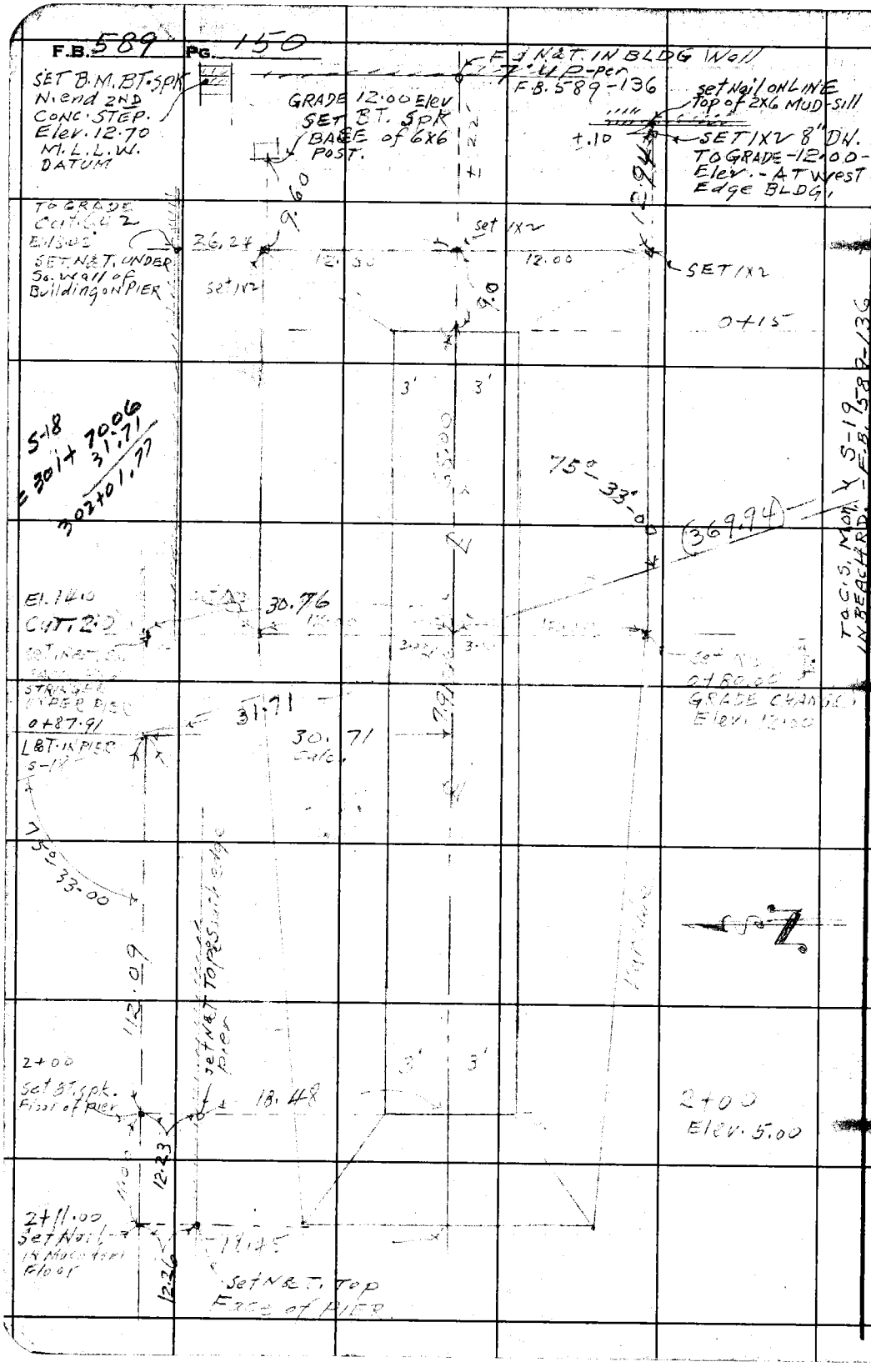
C.V. CRUMLEY.
A. CARRASCO.
H.E. CULP.
H.G. KRAENCKE.
C.H. LEWIS.

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

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 847 5M 11-41



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Profile No. X-Sec.

Notes Red. Plotted Job No. 8412 Division No.

Date Date Survey of BEACH EROSION

Notes Chkd. Checked Survey by C.V. CRUMLEY Notes CVC Date 7-17-47

F.B. 589 Pg. 151

J.N. 8412
BEACH EROSION

GROIN NO. 1 - REDONDO

CONSTRUCTION STAKES.

JULY 17, 1947

ELEV.
C.V. CRUMLEY
A. CARRASCO
H.E. CULP
H.G. KRAENCKE
C.H. LEWIS

F.S.

H.I.

B.S.

STATION

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 5M 1-46

11.30
9.45
1.55
9.45
1.22

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

GROIN #1

STATION	B. S.	H. I.	F. S.	ELEV.	% GRADE		
305+71.89 BEACH LINE					Elev. 21.732		F.B. 1184-16
B.M. S-19	5.51	27.24		21.732	B.M. S-19 (STA. 305+71.89 - BEACH LINE) - F.B. 589-134 ON BRASS CAP MON. IN ROADWAY TO LIFE GUARD STA. (WEST of UNDERGROUND COMFORT STATION)		
T.P.	2.84	23.97	6.11	21.13	T.P. ON W. & S. of		
SET B.M.	11.82	24.52	11.27	12.70	B.M. ON 2nd STEP FROM BOTTOM - South side of HORSE SHOE PIER.		
B.M. S-19			2.91	21.61	SEE ABOVE		
B.M. S-19	5.35	27.08		21.732	" "		
T.P.	2.77	23.89	5.96	21.12	T.P.		
SET B.M.	0.30	13.00	11.20	12.70	B.M. ON 2nd STEP - SEE ABOVE		
0+80			+1.02	13.98	12.00	cut 1.98	N&T ON BEAM UNDER PIER
0+80			1.0	12.0	12.00		" "
0+97 +0.99			1.99		11.01	✓	N&T ON Piling
1+17.3			3.17		9.83	✓	" " "
1+42.8			4.66		8.34	✓	" " "
1+53.8 ~~1+47.9~~			5.30		7.70	✓	" " "
1+69.3			6.21		6.77	✓	" " "
1+84.8			7.11		5.89	✓	" " "
1+98.4			7.90		5.10	✓	" " "
2+00					5.00	✓	
0+06 N&T UNDER BLDG			+5.42	18.42	12.00	C.6.42	

5.83 %

F.B. 589 PG. 152

Job No. 8412 Division No. ____ Notes Red. ____ Plotted ____ Profile ____

Survey of BEACH EROSION Date ____ Date ____ No. ____

Survey by C.V. CRUMLEY Notes C.V.C. Notes Chkd. H.D.H. - LKF Checked ____ X-Sec. ____

Indexed A. C. Johnson Date 7-17-47 Date 9-18-47 Date ____ No. ____

Profile No. X-Sec.

Notes Red. Plotted Job No. 5412 Division No.

Date Date Survey of

Notes Chkd. Checked Survey by Notes Date

F.B. 549 PG. 153

J.N. 8412

BEACH EROSION.

GROIN No. 1 - SOUTH SIDE

REDONDO PIER

CHECK AFTER CONSTRUCTION.

SEE PLAN

AUGUST 14, 1947

Groin started July 19, 1947

" Completed July 31, 1947

ELEV.

C.V. CRUMLEY.
A. CARRASCO.
H.E. COLP.
C.H. LEWIS.
T.C. PETERSON

F. S.

H. I.

B. S.

STATION

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 BM 1-46

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

Profile No. ____ Plotted ____ Date ____
X-Sec. No. ____ Notes Red ____ Date ____
Notes Chkd. H.D.H. Checked J.K.
Date 7-18-47
Division No. ____ Date ____
Job No. 8412 Division No. EROSION-GROIN #1
Notes C.W.C.
Date ____
Survey of BEACH
Survey by C.W. CRUKALEY
Indexed A. C. Johnson Date ____

F.B. 589 PG. 154

STATION	B. S.	H. I.	F. S.	ELEV.					
						B.M. 12.50 2nd BOTTOM Step of STAIRWAY South SIDE of PIER - El. 12.70. page 152			
B.M.	0.17	12.87		12.70					
0+15.0 ℄			0.9	12.0		12.0	0.0		GROIN TOP.
0+40 ℄			0.9	12.0		12.0	0.0		" "
0+68 ℄			1.2	11.7		12.0	0.0		" "
0+80 ℄	GR. CHANGE		0.8	12.1		12.0	0.0		(GR. Change) "
3' RT			0.9	12.0		12.0	0.0		TOP Slope " "
6 "			3.3	9.7		9.0	C.0.6		TOE AT Beach Level
3 LT			1.4	11.5		12.0	F.0.5		TOP Slope
7 "			4.4	8.5		8.0	C.0.5		TOE " " "
1+60 ℄			1.5	11.4	0.0583 per FT. Level	10.84	C.0.6		TOP GROIN
3' RT			1.4	11.5		10.84	C.0.7		TOP Slope "
7' "			6.0	6.9		10.84	C.0.0		TOE " "
3' LT			2.9	10.0		10.84	F.0.8		TOP Slope
8' "			6.5	6.4		5.84	C 0.6		TOE Slope "
1+17.3 ℄			3.4	9.5		9.83	0.0		TOP GROIN
3' RT			3.6	9.3		9.83	F.0.5		TOP Slope
10 "			8.1	4.8		2.83	C.2.0		TOE Slope "
3 LT			3.0	9.7		9.83	F.0.13		TOP Slope
11 "			9.0	3.7		1.83	C 2.1		TOE Slope "
1+43.8 ℄			4.6	8.1		8.28	0.0		TOP GROIN

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE			
1+25.6								
3' RT		12.89	4.8	8.1	8.28	F. 0.2	TOP	Slope
11' "			11.6	1.3	0.28	C. 1.0	TOE	AT Beach Level
3' LT			4.5	8.3	8.28	F 0.1	TOP	Slope
1+69.3 ℄			5.3	[illegible]	6.79	C. 0.8	TOP	GRAN
3' RT			5.9	[illegible]	[illegible]	C. 0.2	TOP	Slope
[illegible] LT			5.0	7.3		C. 0.5	TOP	Slope
1+94 ℄			8.0	4.9	5.35	F. 0.5	TOP	GRAN
3' RT			8.5	3.4	5.35	F. 2.0	TOP	Slope
8.5 "			12.9	-1.0	-0.1	F. 0.9	TOE	SLOPE AT BEACH LEVEL
3' LT			9.2	3.7	5.35	F. 1.7	TOP	SLOPE
2+20 ℄			9.5	3.4	5.00	F. 1.6	TOP	GRAN
3' RT			9.2	3.7	5.00	F. 1.3	TOP	Slope
[illegible]			15.5	-2.6	-5.00	C. 2.4	TOE	Slope AT Beach Level
3' LT			9.0	3.2	5.00	F. 1.7	TOP	Slope

0.05 Per Foot

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8112 Division No. ____
X-Sec. ____ Date ____ Date ____ Survey of 3E 204 [illegible]
Notes Chkd H.D.H. Checked K.F. Survey by ____ Notes ____ Date ____

F.B. 5329 PG. 1-5

F.B. 589 PG. 156

Job No. 8412 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of BEACH EROSION Date _____ Date _____ No. _____

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

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of BEACH EROSION
Map No.	W. O. Tape No. St'd °F
Office Work	Computed by
Checked	Notes Date 7-25-47
Date	Indexed A. C. Johnson

F. B. 589 Pg. 157

J.N. 8412
BEACH EROSION

GROIN No 2 - REDONDO

CONSTRUCTION STAKES.

SEE PLANS

JULY 25TH, 1947

C.V. CRUMLEY
A. CARRASCO
H.E. COLP.
C.H. LEWIS.
T.C. PETERSON.

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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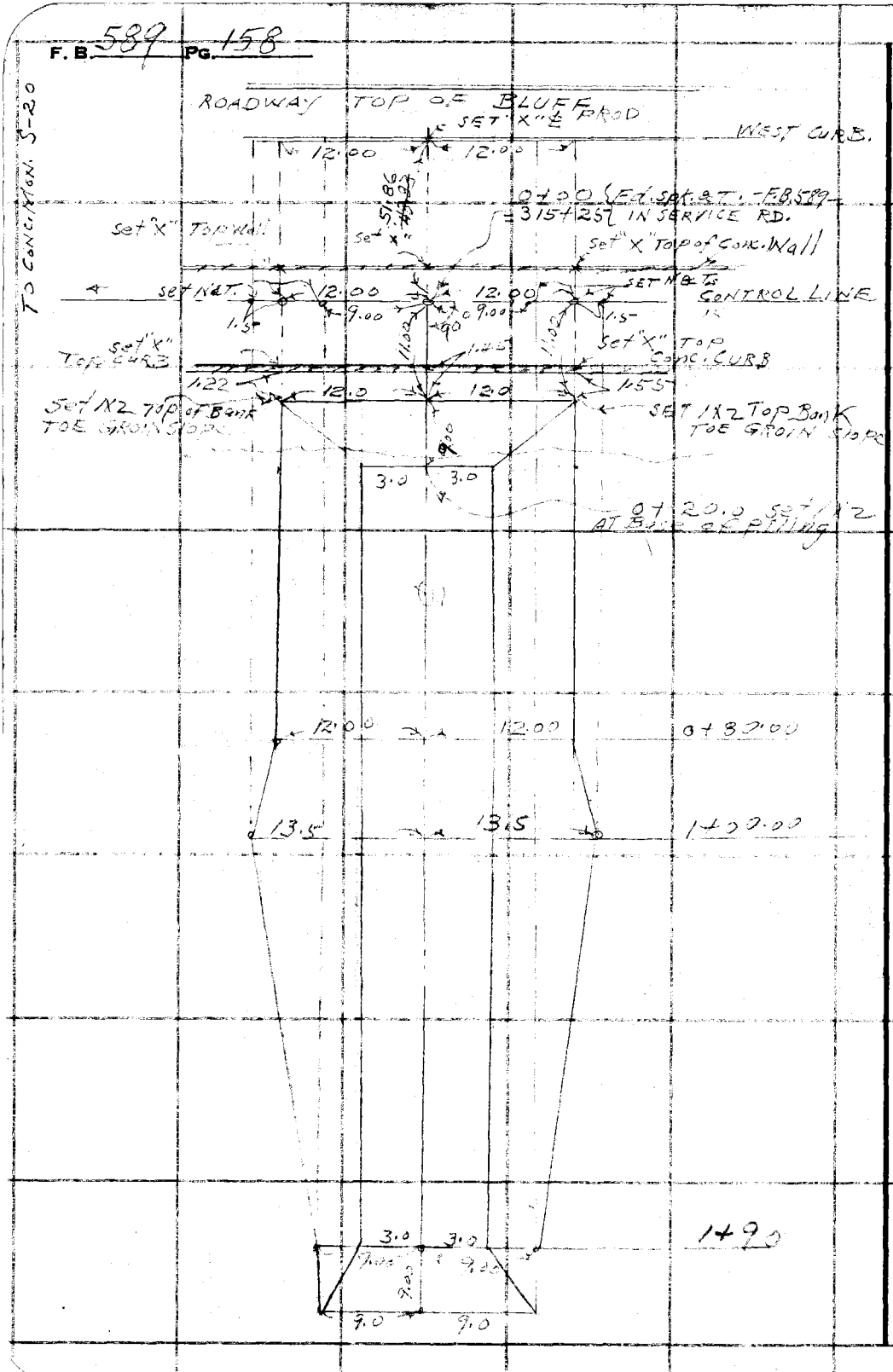
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 5-46

F. B. 589 Pg. 158



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line.

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

Profile No. _____ Notes Red _____ Plotted _____ Job No. 8412 Division No. _____ F.B. 599 PG. 159

X-Sec. No. _____ Date _____ Date _____ Survey of _____

Notes Chkd _____ Checked _____ Survey by _____ Notes _____ Date 7-31-[illegible]

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

J.N. 8412

GROIN No 2 - REDONDO

CONSTRUCTION STAKES

SEE PLANS

JULY 30TH, 1947

ELEV.

C.V. CRUMLEY.
A. CARRASCO.
H.E. CULP
C.H. LEWIS
T.C. PETERSON

F.S.

H.I.

B.S.

STATION

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LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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FORM 307 5M 1-46

FORM 307 5M 1-46

PLEASE RETURN TO
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700 HALL OF RECORDS

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GRDK 1/2

STATION	B. S.	H. I.	F. S.	ELEV.				
					GRADE Cut			F.B. 584-16
BM. S-20	4.10	21.768		17.608.	S.P.K. - C.S. MON - S-20 - Elev. 17.608 - F.B. 589-133 IN ROADWAY TO EFE SIGNED STA. SERVICE RD. ON SOUTH			
					≈ 315 ± 25.00 of BEACH CONTROL LINE			
0+00	1.98	19.51	4.24	17.53	SPK. R.T. IN ROADWAY - F.B. 589-133			
set 11 GRDK	T.S.		1.77	17.74		Toe Slope 3.0	14.74	set "X" on Curb (South)
"			1.89	17.62		Toe Slope 3.0	14.62	" " " " (NORTH)
0+20 ℄ Begin	~~3.75~~ GRDK.		7.51	12.00		12.00	GRADE	Set WHITE PAINT LINE (USE TOP of LINE) ON WEST FACE OF OLD CONC. HORIZONTAL BEAM AT BASE of SERVICE RD. 12' N. & S. of ℄ GRDK.
			1.98	17.53	set 1.98' ABOVE			
0+20	3.75	15.75		12.00				
0+80			3.75	12.00		12.00	G.R.	
1+00			5.20	10.55		10.55	G.R.	
1+50			8.84	6.91		6.91	G.R.	
1+73			11.75	4.00			G.R.	3.2' H.P. & PUNCH MARK TO G.R. ON ⊥.

F.B. 589 PG. 163

Survey of BEACH EROSION
Survey by C.W. CRUMLEY Notes C.V.C.
Indexed C. Johnson Date 7-30-47

Job No. 8412 Division No.
Notes Red. Date
Notes Chkd. H.D.H. Checked K.F.
Date 9-18-47

Profile No. Plotted Date
X-Sec. No. Date

Profile No. _____ Notes Red. _____ Plotted _____ Job No. [illegible] Division No. _____ F.B. 580 PG. 161

Date _____ Date _____ Survey of _____

X-Sec. No. _____ Notes Chkd. _____ Checked _____ Survey by [illegible] Notes _____ Date [illegible]

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

J.N. 8412

BEACH EROSION

GROIN No. 2 - REDONDO.

CHECK AFTER CONSTRUCTION.

SEE PLAN

AUGUST 18, 1947

Groin Started Aug. 1, 1947

Groin Completed AUG 13, 1947

ELEV.

C.V. CRUMLEY.
A. CARRASCO.
H.E. CULP.
C.H. LEWIS.
T.C. PETERSON

F.S.

H.I.

B.S.

STATION

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PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 5M 1-46

FORM 307 5M 1-46

PLEASE RETURN TO
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700 HALL OF RECORDS

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GROIN #2 AFTER CONST.

STATION	B. S.	H. I.	F. S.	ELEV.	GRADE	Cut		
					SPK. & T. IN SERVICE RD. Elev. 17.53 - F.B. 589-133			
0+00	1.20	18.73		17.53				
0+20 ℄			6.9	11.8	12.00	F.0.2	Begin GROIN. TOP.	
0+40 ℄			6.4	12.3	12.00	C.0.3	TOP of GROIN	
3' RT			6.3	12.4	12.00	C.0.4	TOP	Slope
8' RT			9.6	9.1	7.00	C.2.1	TOE	Slope AT Beach Level.
3 LT			6.7	12.0	12.0	0.0	TOP	SLOPE
7 "			9.3	9.4	8.00	C.1.4	TOE	SLOPE " "
0+63 ℄			6.3	12.4	12.0	C.0.4	℄ TOP	GROIN
3' RT			6.6	12.1	12.0	C.0.1	TOP	SLOPE
8 "			11.5	7.2	7.0	C.0.2	TOE	Slope " "
3' LT			[illegible]	12.7	12.0	C.0.7	TOP	Slope
8' "			10.2	8.5	7.0	C.1.5	TOE	Slope " "
T.P. 0+80 ℄	0.04	12.10	6.67	12.06	12.0	C.0.1	GRADE CHANGE	
3' RT	GRADE CHANGE		0.14	12.0	12.0	0.0	TOP	Slope
12' "			7.2	4.9	3.0	C.1.9	TOE	Slope AT BEACH Level.
3' LT			0.5	11.6	12.0	F.0.4	TOP	Slope
12'			[illegible]	5.8	3.0	C.2.9	TOE	Slope " "
1+07 ℄			1.0	11.1	10.55	C.0.5	℄ TOP	GROIN
3' RT			1.4	10.7	10.55	C.0.1	TOP	Slope
14 "			9.5	2.6	-0.45	C.3.1	TOE	Slope " "
3' LT			1.2	10.9	10.55	C.0.3	TOP	Slope
14 "			9.6	2.5	-0.45	C.3.0		

LEVEL

-0.07272 Per Ft.

F.B. 589 Pg. 162

Profile

Survey of BEACH EROSION - REDONDO Job No. 8412 Division No. Notes Red. Plotted No.

Survey by C.V. CRUMLEY Notes C.V.C. Date Notes Chkd. H.D.H. Date Checked Date X-Sec.

Indexed A. C. Johnson Date 8-18-47 Date 9-18-47 Date No.

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	% GRADE				
		12.10.							
1+25 ℄			2.9	9.2.		8.73	C.0.5	℄ TOP GRAV	
3 RT			3.5	8.6.		8.73	F.0.1	TOP Slope	
12			11.6	0.5.		-2.27	C.2.8	TOE Slope AT BEACH [illegible]	
3 [illegible]			3.6	[illegible]		8.73	F.0.2	TOP Slope	
12			[illegible]	[illegible]		-0.27	C.0.9	TOE Slope " "	
[illegible]	0.7	9.64	3.17	8.93		T.P.			
1+50 ℄			2.8	6.8.		6.91	F.0.1	℄ TOP GRAV.	
[illegible]			4.0	[illegible]		6.91	F.1.3	TOP Slope	
12			10.3	-0.7.		-4.09	C.3.4	TOE Slope " "	
3 [illegible]			[illegible]	[illegible]		6.91	F.0.3	TOP Slope	
12			[illegible]	-[illegible]		-[illegible]	C.1.1	TOE Slope	
1+90 ℄			7.0	2.6.		4.00	F.1.4	℄ TOP GRAV	
T.P.	10.38	19.79.	0.23	9.41.	T.P.				
[illegible]			2.25	17.54.		SPK. ST. IN ROADWAY - SEE PRESEDEING [illegible] Elev. 17.53			

-0.07272 Per FT.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8418 Division No. ____ F.B. 589 Pg. 163

X-Sec. No. ____ Date ____ Date ____ Survey of [illegible]

Notes Chkd H.D.H. LKF Checked ____ Survey by [illegible] Notes [illegible] Date ____

Date 7-18-71 Date ____ Map No. ____ Indexed [illegible]

F.B. 589 Pg. 164

Job No. 8412 Division No. _____ Notes Red. _____ Plotted _____

Profile

Survey of _____ Date _____ Date _____ No. _____

Survey by _____ Notes _____ Notes Chkd. _____ Checked _____

X-Sec.

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 SM 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Notes Ck'd by	Survey of BEACH EROSION
Map No.	W. O. 8412 Tape No. St'd °F
Office Work	Surveyed by C.V. CRUMLEY
Checked	Notes C.V.C. Date 7-25-47
Date	Indexed A. C. Johnson

F. B. 531 Pg. 165

J.N. 8412
BEACH EROSION

GROIN No. 3 - REDONDO

CONSTRUCTION STAKES.

SEE PLANS

JULY 25th 1947
AUG. 12 1947
C.V. CRUMLEY.
A CARRASCO.
H.E. CULP.
H.G. KRAENCKE.
C.H. LEWIS.

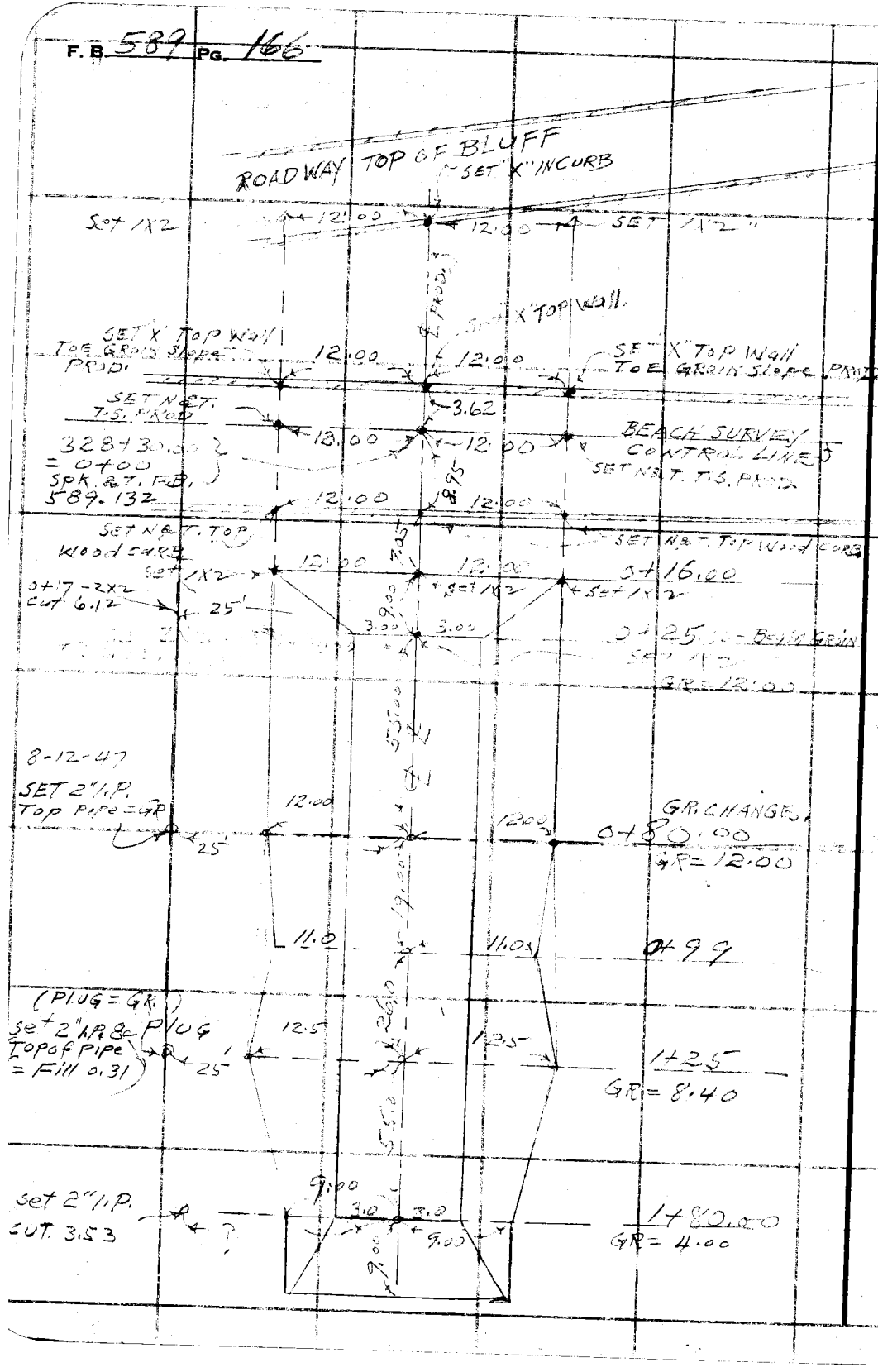
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 5-46

F. B. 589 PG. 166



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Profile No. X-Sec.

Notes Red. Plotted Job No. 8412 Division No.

Date Date Survey of

Notes Chkd. Checked Survey by Notes Date

A. C. Johnson

F.B. 589 PG. 167

J.N. 8412

BEACH EROSION.

GROIN No 3 - REDONDO CONSTRUCTION STAKES.

SEE PLANS

AUGUST 4; 12-47

ELEV.

C.V. CRUMLEY.
A. CARRASCO.
H.E. CULP.
C.H. LEWIS.
T.C. PETERSON

F. S.

H. I.

B. S.

STATION

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 5M 1-46

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

GROIN #3

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT	
328+30.00						BT. SPK. SET IN MACADAM of SERVICE RD. PER F.B. 589-132		
	[illegible]	[illegible]						
	1.[illegible]	2[illegible]						
	5.8[illegible]	1[illegible]	[illegible]	13.[illegible]	[illegible]			
BEGIN OF GROIN 0+25			[illegible]	[illegible]	Level	12.00	[illegible]	[illegible] 2 [illegible] of ℄
[illegible]	[illegible]	9.[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible] 2 x 2 [illegible] ℄ (Gone-8-12-47)
1+25			6.50	2.72		[illegible]	[illegible]	" "
[illegible] ℄	0.85	22.2[illegible]		21.[illegible]		(SEE ABOVE - 8-12-47)		
[illegible] "	0+84	16.06	7.[illegible]	[illegible]		[illegible]	[illegible].22	TOP 2 x 2 "
0+80	3.48	10.86	8.68	7.38	0.08000 PER FT.	12.[illegible]	F.4.62	TOP 1x2 ON ℄
1+25 ℄ TOP [illegible]			2.17	8.09		8.40	F. 0.31	set 2" [illegible] 25' RT. of ℄ Top of Pipe = F.0.31 Top of Plug = GR.
1+80			3.33	7.63		4.00	C 3.53	
0+80		16.[illegible]	4.[illegible]	12.[illegible]		12.00	0.0	25 [illegible]

F.B. 589 Pg. 168

Job No. 8412 Division No. ____ Notes Red ____ Plotted ____ Profile ____

Survey of [illegible] Date ____ Date ____ No. ____

Survey by [illegible] Notes ____ Notes Chkd. H.D.H. LKF Checked ____ X-Sec. ____

Indexed A. C. Johnson Date 8-12-47 Date 9-18-47 Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line. GROIN #3

STATION	B. S.	H. I.	F. S.	ELEV.	Gr.	Cut	
0+25 ℄	3.62	18.84		15.22			
25' RT			0.63	18.21	12.00	c.6.21	set 2x2 stake
0+17-25' RT			0.72	18.12	12.00	c.6.12	set 2x2 on Bank

Profile No. X-Sec. Notes Red. Date Plotted Date Notes Chkd. H.D.H. LKF Checked Job No. 8612 Division No. Survey of BEACH EROSION Survey by C. Johnson Notes Date

F.B. 589 PG. 169

F.B. 589 PG. 170

Job No. 8412 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed A. C. Johnson Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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

Profile No. X-Sec.

Notes Red ____ Plotted ____ Job No. 8412 Division No. ____

Date ____ Date ____ Survey of ____

Notes Chkd. ____ Checked ____ Survey by ____ Notes ____ Date ____

A. C. Johnson

F.B. 559 PG. 171

J.N. 8412
BEACH EROSION.

GROIN No 3 - REDONDO.
CHECK AFTER CONSTRUCTION.

AUGUST 21, 1947

Groin completed Aug 21, 1947
" started Aug 13, 1947

ELEV.
C.V. CRUMLEY.
A. CARRASCO.
H.E. COLP
C.H. LEWIS
T.C. PETERSON

F. S.

H. I.

B. S.

STATION

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 5M 1-46

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		GRADE	CUT FILL	(GROIN #3 AFTER CONST.)
0+00 ℄	0.88	22.29.		21.41.	SPK&T	IN SERVICE RD.-F.B.589-132; 166; 168		
0+25 ℄ Begin GROIN						12.00		
0+26. ℄			10.2	12.1.		12.00	C.0.1	TOP of GROIN
3' RT			10.4	11.9.		12.00	F.0.1	TOP of Slope
12' RT			18.3	4.0.		3.00	C.1.0	TOE Slope AT BEACH Level.
3' LT.			10.6	11.7.		12.00	F.0.3	TOP Slope
13 LT			18.4	3.9.		2.0	C.1.9	TOE " " "
T.P.	2.64	12.76.	12.17	10.12		T.P		
0+50 ℄			0.70	12.1.		12.00	C.0.1	TOP GROIN.
3' RT			0.70	12.1.		12.00	C.0.1	TOP Slope
12 "			10.2	2.6.	LEVEL	3.00	F.0.4	TOE " " "
3 LT			0.7	12.1		12.00	C.0.1	TOP "
12 "			9.3	3.5.		3.00	C.0.5	TOE " " "
0+80 ℄	GR. CHANGE.		1.00	11.8.		12.00	F.0.2	TOP GROIN -
3' RT			1.1	11.7.		12.00	F.0.3	TOP Slope
9' "			5.6	7.2.		6.00	C.1.2	TOE " " "
3' LT			1.4	11.4.		12.00	F.0.6	TOP "
12 "			8.8	4.0.		3.00	C1.0	TOE " " "
1+00 ℄			2.3	10.5.	0.080 Per Ft.	10.40	C.0.1	TOP GROIN
3' RT			2.2	10.6.		10.40	C.0.2	TOP Slope
9 "			6.5	6.3.		4.40	C.1.9	TOE " " "
3 LT			2.6	10.2.		10.40	F.0.2	TOP "
8 "			5.7	7.1.		5.40	C.1.7	TOE " " "

F.B. 589 Pg. 172
Job No. 8412 Division No. ____ Notes Red ____ Plotted ____ Profile ____
Survey of BEACH EROSION Date ____ Date ____ No. ____
Survey by C.V. CRUMLEY Notes C.V.C. Notes Chkd H.D.H. LKF Checked ____ X-Sec. ____
Indexed A. C. Johnson Date 8-21-47 Date 9-18-47 Date ____ No. ____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

GRID #3 AFTER CONT.

STATION	B. S.	H. I.	F. S.	ELEV.	%	GRADE	CUT OR FILL		
1+25 ℄		12.76	3.9	8.9		8.40	C 0.5	TOP	OF GROIN
3'			3.9	8.9		8.40	C 0.5	TOP	Slope
3			6.0	6.2		-1.65	C 7.8	TOE	Slope AT Beach Level
3			3.8	9.0		8.40	C 0.6	TOP	Slope
9		X	8.5	4.3		~~0.00~~ 2.40	C ~~3.7~~ 1.9	TOE	Slope " " "
1+50 ℄			5.1	7.1		6.40	C 0.7	TOP	GROIN
3'			5.8	7.0		6.40	C 0.6	TOP	Slope
12'			12.3	0.5	0.0800	-2.60	C 3.1	TOE	" " "
3'			5.3	6.6		6.40	C 0.2	TOP	"
7'			11.5	1.3		0.40	C 0.9	TOE	" " "
T.P.	2.00	10.76	4.00	8.76		T.P.			
1+75 ℄			6.4	4.4		4.00	C 0.4	TOP	GROIN & (Begin 1½:1 Slope)
3'			7.0	3.8		4.00	C 0.2	TOP	Slope
7			10.0	0.0		-1.00	C 1.0	TOE	Slope (1:1) AT Beach Level
3			7.3	3.6		4.00	C 0.4	TOP	Slope
8			11.7	-0.7		-1.00	C 0.3	TOE	" "
T.P.	2.00	12.76	2.00	10.76		T.P.			
T.P.	2.55	23.13	0.18	22.58		T.P.			
2+00			0.73	21.40		Elev. 21.41 - Spk. IN SERVICE RD. Per F.B. 589 - 132; 166; 168; 172			

Profile No. _____ Notes Red _____ Plotted _____ Job No. 8412 Division No. _____
X-Sec. _____ Date _____ Date _____ Survey of BEACH & PASTORIA
Notes Chkd. H.D.T. Checked _____ Survey by CHRISTIE Notes GKC Date 3-21-47
Date 7-22-47 Date _____ Map No. _____ Index _____ Date _____

F.B. 589 PG. 173

F.B. 589 PG. 174 | Job No. 8412 Division No. _____ Notes Red _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 5M 1-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

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

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
301+87.18 (on base line)					F.S. on "S-19" ∡ = 104°27'	
	269	1457		1188	+ in rock on ℄ of Groin #1 at intersect of Base Line. F.B. 1290-59	
			502	9.55	Intersection base + range lines 1x1 stk. on 15' offset to N. of ℄ of groin	
			45	101	12' L. - Beach.	
			31	115	19' L - "	
			20	126	40' L - "	
			19	127	55' L - "	
			26	120	64' L - "	
			25	121	88' L - " - Edge	
			x	x	x	
	024	979		9.55	1x1 stk above	11-26-47
			45	53	36' R - Beach.	
			61	37	50' R - "	
			90	0.8	73' R - "	
			104	-0.6	86' R - " Water.	
			114	-1.6	98' R - "	
			122	-2.4	110' R - "	
			127	-2.9	116' R - "	
					Surf. No farther.	

SHORE PROFILES at REDONDO GROINS. Pgs. 175-180 For previous profiles See F.B. 1290/137, 165, 193

Profile No. X-Sec. Notes Red. [illegible] Plotted H.U.M.H. Job No. 8412 Division No. F.B. 589 Pg. 175
Date 12-1-47 Date 12/3/47 Survey of Beach Erosion - Redondo
Notes Chkd. Checked Survey by Klemmer Notes GWK Date 11-25-47
Map No. Date Date Date 12-1-47

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

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STATION	B. S.	H. I.	F. S.	ELEV.		
302 + 18.16 (on base line)					F.S. on "S-19" ∡ = 104°27'	
	269	1457		11 88	(Intersection of base line & ℄ of groin + in rock on ℄ of Groin #1 on Base Line. F.B. 1290-59	
			444	10 13	(Intersection of base & range lines 1x1 stk on 15' Offset to S. of ℄ of groin.	
			42	104	7'L - Beach	
			29	117	23'L - "	
			22	124	51'L - "	
			21	125	82'L - " at edge of Bldg.	
		x	x	x	x	
	061	1074		10.13	1x1 stk above	11-26-'47
			16	91	12'R - Beach	
			37	70	31'R - "	
			55	52	50'R - "	
			78	29	42'R - "	
			102	0.5	90'R - " Edge water s.	
			121	-1.4	118'R - water	
			126	-1.9	127'R - "	
			132	-2.5	142'R - "	
					(Surf. No farther)	

F.B. 584 PG. 176

Job No. 8412 Division No. Notes Red. [illegible] Plotted H.U.M.H. Profile

Survey of Beach Erosion - Redondo Date 12-1-47 Date 12/3/47 No. X-Sec.

Survey by Meinecke Notes G.W.H. 11-25-47 Notes Chkd. Checked

Indexed C. Johnson Date Date Date No.

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
315+10					15' offset to N. of ℄. ∠ = 90° to base line	
N+T.	0 96	18 47		17.51	0+00 for ℄ of Groin #2. N+T F.B. 1290-58	
			09	176	13'R - Top bk	
			56	128	22'R - Toe " - Edge beach	
			61	124	42'R - Beach	
T.P.	-011	12 82	554	1293	71'R - " (1x1 str flush)	
			22	106	76'R - " - Brk.	11-26-47
			53	7.5	42'R - "	
			77	5.1	112'R - "	
			106	22	134'R - "	
			137	-0.9	156'R - " - Water	
			139	-1.1	169'R " - "	
			141	-1.3	180'R " - "	
			150	-2.2	191'R " - "	
					No farther - Surf	

Profile No. ____ Notes Red. [illegible] Plotted H. U. M. H. Job No. 8412 Division No. ____ F.B. 589 Pg. 177
X-Sec. No. ____ Date 12-1-47 Date 12/3/47 Survey of Beach Erosion - Redondo
Notes Chkd. ____ Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
Date ____ Date ____ Map No. ____ Indexed [illegible] Job Return

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
315+40					∡ = 90° to base line. 15' offset to S. of ℄ of grain #2	
N+T.	096	1847		17.51	0+00 for ℄ of Grain #2. N+T F.B. 1290-58	
			10	175	12' R. -	
			56	129	22' R. - Bot BK - Edge beach	
			58	127	42' R. - Beach	
T.P.	003	1245	605	1242	69.6' R. - " (1x1 SHK. flush)	
			20	10.5	76' R. - " (Brk.)	11-26-47
			61	64	109' R. - "	
			87	38	131' R. - "	
T.P.	866	905	1206	039	155' R. - " - water	
			91	0.0	170' R. - " - "	
			96	-0.5	182' R. - " - "	
			102	-1.1	204' R. - " - "	
					No further surf.	

F.B. 589 PG. 178

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile

Survey of Beach Erosion - Redondo Date 12-1-47 Date 12/3/47 No. X-Sec.

Survey by Weiner Notes SWK 11-25-47 Notes Chkd. Checked

Indexed A. C. Johnson Date Date Date No.

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
328+15					∡ = 90° to base line 15' offset to N. of ℄ of grain #3
N+T	249	2390		21.41	0+00 for ℄ of grain #3. F.B. 1290-59
			22	217	11'R - Top bk
			94	14.5	27'R - Toe " - Edge beach.
			104	135	54'R - Beach
T.P.	048	1312	1126	1264	84'R - " (1x1 stk flush)
			16	115	99'R - " - Brk. 11-26-49
			45	86	118'R - "
			66	55	147'R - "
T.P.	522	768	1176	236	179'R - "
			82	-0.5	215'R " - Water
			95	-1.8	244'R - "
			99	-2.2	266'R - "

Profile No. ____ Date ____ X-Sec. ____ Notes Chkd. ____ Date ____ Plotted H.U.M.H. Date 12/3/47 Checked ____ Date ____ Job No. 242 Division No. ____ Survey of Beach Erosion - Redondo Survey by [illegible] Notes [illegible] Date 11-25-49 Map No. ____ Indexed C. Johnson

F.B. 589 Pg. 179

FORM 307 10M 10-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
					{℄ = 90° to base line {15' Offset to S. of ℄ of grain #3	
328+45						
N.O.T.	249	2390		21.41	0+00 for ℄ of grain #3-F.B. 1290-59	
			25	214	11' R - Top bk	
			89	150	23' R - Bot " - Edge beach	
			106	133	49' R - Beach	
T.P.	0.43	1285	1158	123	84' R - " - (1x1 stk flush)	
			26	103	84' R - " - Brk	11-26-47
			77	52	122' R - "	
T.P.	4.61	693	1053	232	57' R - "	
			55	14	184' R - " - water	
			78	-0.9	227' R - " - "	
			86	-1.7	247' R - " - "	
			92	-2.4	269' R - " - "	

F.B. 589 PG. 180

Job No. 8412 Division No. Notes Red. Plotted H.U.M.H. Profile

Survey of Beach Erosion - Redondo Date 12-1-47 Date 12/3/47 No. X-Sec.

Survey by Mlaneck Notes GWK 11-25-47 Notes Chkd. Checked No.

Indexed A. C. Johnson Date Date Date

Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0300.02 Division No. 11 F.B. 589 Pg. 181

X-Sec. No. _____ Date _____ Date _____ Survey of PROPERTY OF REDONDO IMPROVEMENT CO.

Notes Chkd. _____ Checked _____ Survey by R. WILSON Notes [illegible] Date 7-19-61

Date _____ Date _____ Map No. _____ Indexed [illegible] Date [illegible] 2 8 61

BENCH LEVELS

PROPERTY OF REDONDO IMPROVEMENT CO.

J.N. 0300.02

BASED ON PRECISE LEVEL NET #55

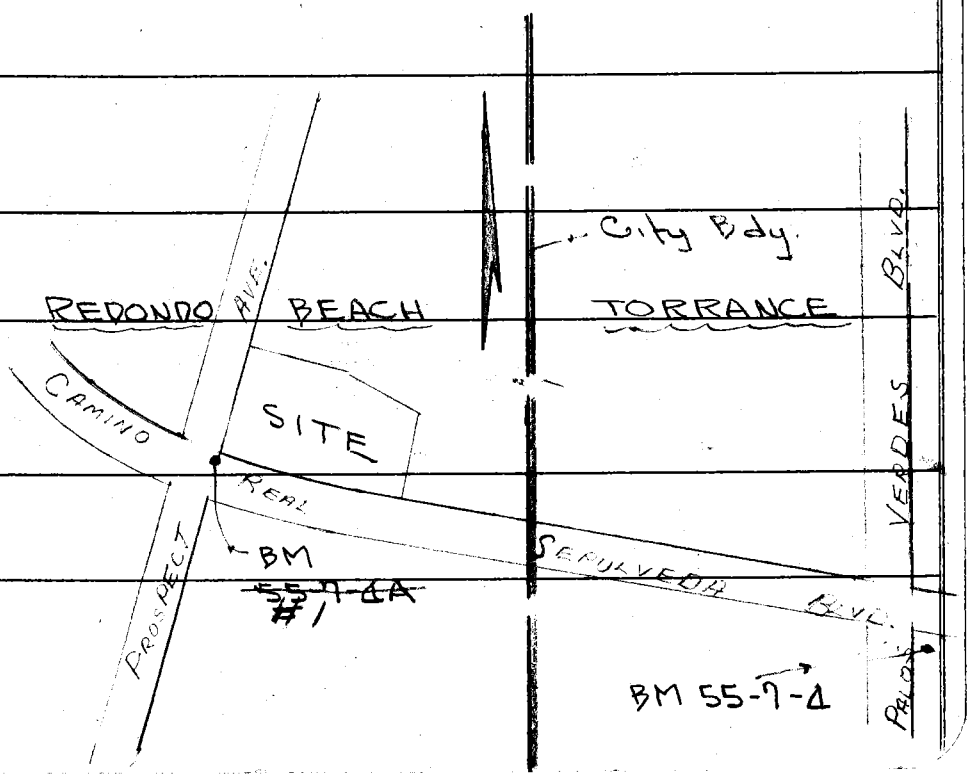
PARTY -

R. C. WILSON

R. D. ANDERSON

M. E. WACKER

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 SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

761.298 307 10-51

76L298 307 10-51

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR
726 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.
B.M. 55-7-4				109 33
	5 30	114 63		
			0 45	114 18
	10 27	124 45		
			0 09	124 36
	11 82	136 18		
			0 24	135 94
	11 40	147 34		
			0 26	147 08
	11 81	158 89		
			0 16	158 73
	10 51	169 24		
			0 22	169 02
	11 92	180 94		
			0 30	180 64
	10 10	190 74		
			5 69	185 05
	0 55	185 60		
			10 55	175 05
	0 25	175 30		
			12 16	163 14

B.M. 55-7-4 ELEV. = 109.325 F.B. 2448-120
IN THE CITY OF TORRANCE AT PALOS VERDES BLVD. & SEPULVEDA BLVD. ON S.E. COR. 74' ± E. OF ℄ OF PALOS VERDES BLVD. & 46' ± S. OF ℄ OF SEPULVEDA BLVD. A L.A. CO. ENG. BRASS CAP MON. STAMPED "55, TOR. 7-4." SET 10" BELOW SURFACE OF THE SIDEWALK IN A WELL AND PROTECTED BY A CAST IRON COVER MARKED "COUNTY ENGINEER MONUMENT."

F.B. 589 PG. 182 Job No. 0300-02 Division No. 11 Notes Red. Plotted No. Profile
Survey of PROPERTY of REDONDO IMPROVEMENT CO. Date 7-19-61 Date No. X-Sec.
Survey by R.C. WILSON Notes R.D. ANDERSON Notes Chkd. Checked No.
Indexed H.E. OH Date Date Date

76L-298 CE 307 11-58

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.

STATION	B.S.	H.I.	F.S.	ELEV.		
				163 14		
	0 41	163 55				
			12 18	151 37		
	3 54	154 91				
#1 B.M. ~~55 7 4A~~			4 08	150 83	#1 B.M. ~~55 7 4A~~ AT INT. OF CAMINO REAL & PROSPECT AVE. ON N.E. COR. L.& T. IN S.W. COR. OF CONC. TRAFFIC SIGNAL BASE 34'± NORTH OF ℄ CAMINO REAL & 28'± EAST OF ℄ PROSPECT AVE.	
	7 68	158 51				
			0 02	158 49		
	12 06	170 55				
			0 21	170 34		
	10 73	181 07				
			0 06	181 01		
	10 28	191 29				
			12 17	179 12		
	0 04	179 16				
			12 14	167 02		
	0 01	167 03				
			12 10	154 93		
	0 20	155 13				
			12 08	143 05		
	0 08	143 13				
			12 03	131 10		

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 589 Pg. 183
No. ____ Date ____ Date ____ Survey of Prospect Ave. Redondo Improvement Co.
X-Sec. Notes Chkd. ____ Checked ____ Survey by R. C. Wilson Notes RLB Date 7-19-[illegible]
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 589 PG. 184 Job No. 9300-02 Division No. 11 Notes Red _____ Plotted _____ Profile

Survey of PROPERTY OF REDONDO IMPROVEMENT CO. Date 7-19-61 Date _____ No. _____

Survey by R.C. WILSON Notes R.D. ANDERSON Notes Chkd. _____ Checked _____ X-Sec.

Indexed H. E. OTT Date _____ Date _____ Date _____ No. _____

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		
B.M. 55-7-4				131 10		
	0 01	131 11				
			12 07	119 04		
	0 51	119 55				
			10 20	109 35	B.M. 55-7-4 SEE PAGE FOR DISCRIPTION.	ELEV. = 109.325

Notes Ck'd by	Survey of Redondo Imp.	F. B. 589 Pg. 185
Map No.	JN 0300.02 Tape 106 Std. 90 °F	
Office Work	Surveyed by RCWilson	
Checked	Notes RCW Date 1-5-62	
Date	Indexed H. E. OTT	

JAN 1 6 62

Plane Table Control

PROPERTY OF REDONDO IMPROVEMENT CO.

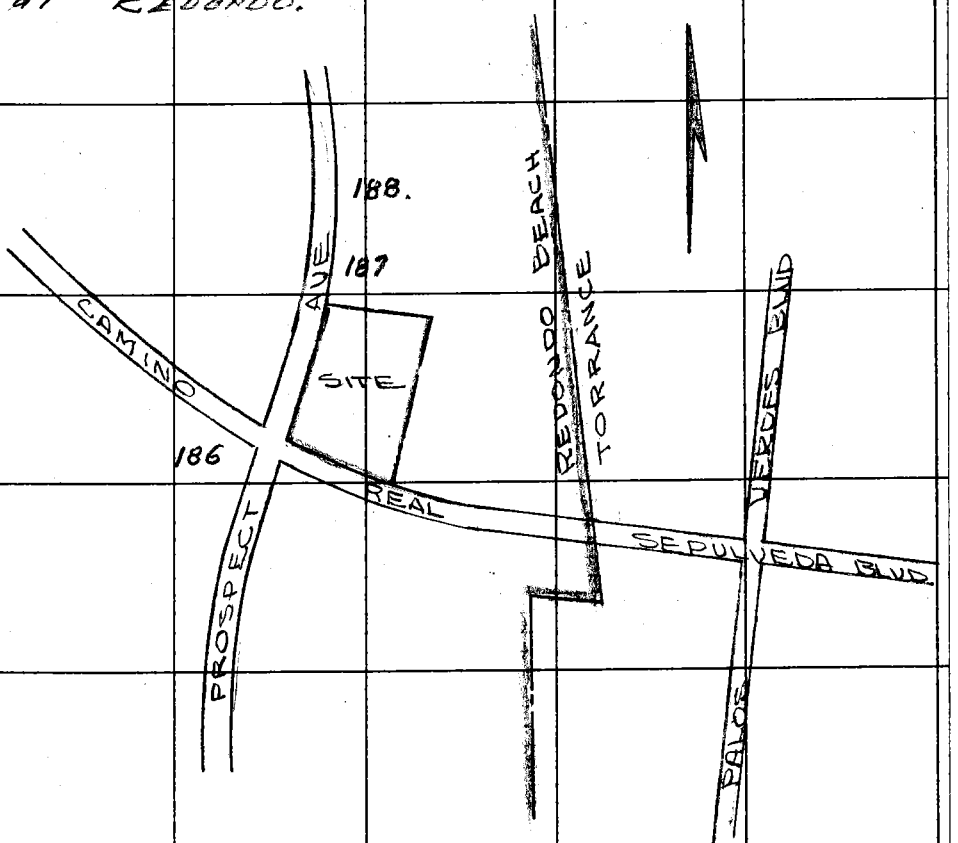
J.N. 0300.02

1-5-62

REF: TRACT MAP No 10019-12 & 13

R.C. Wilson
& Party

In Connection with beach reclaimation at REDONDO.



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

Do not extend notes this side of this line.

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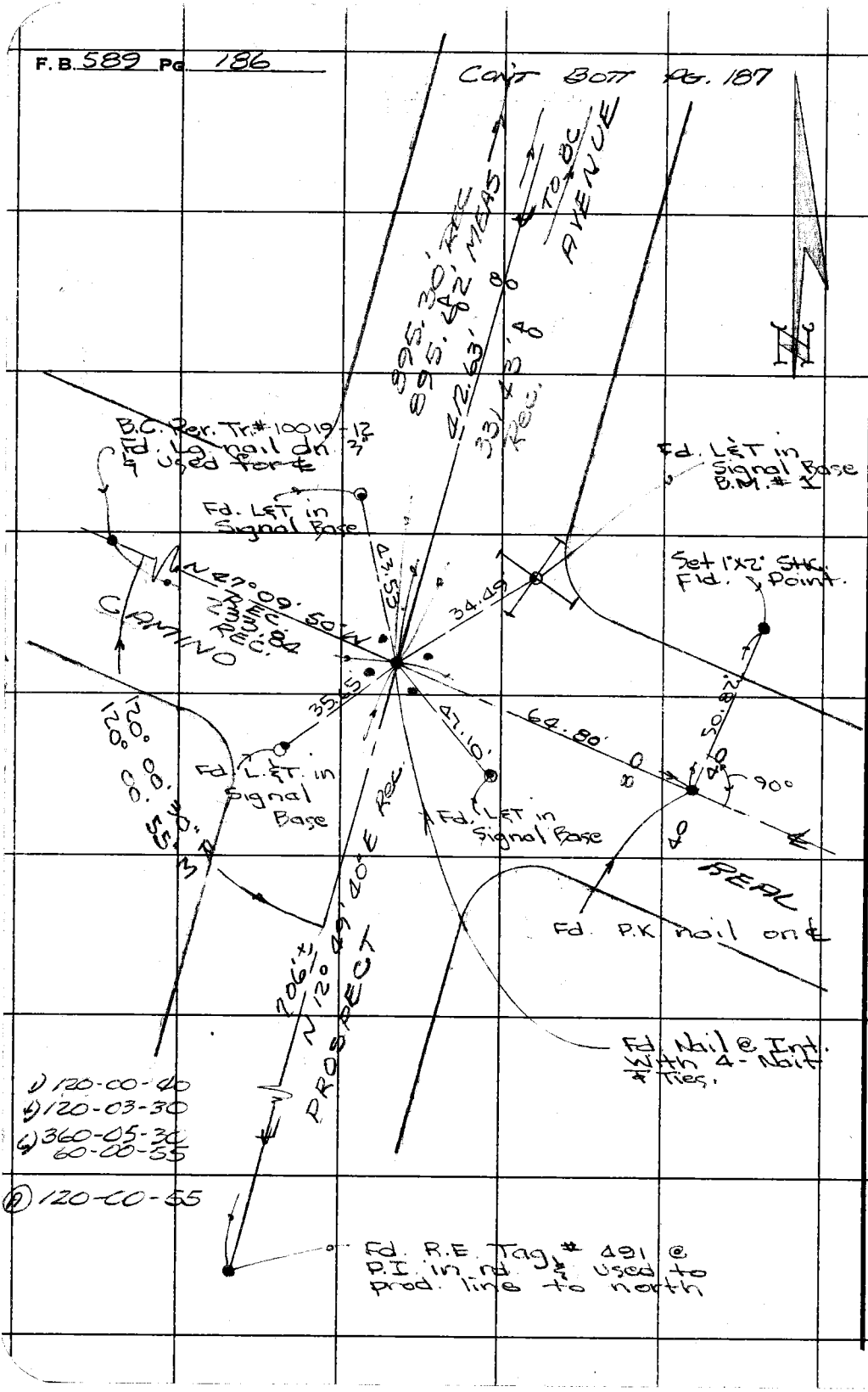
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F. B. 589 PG. 186

CON'T BOTT PG. 187



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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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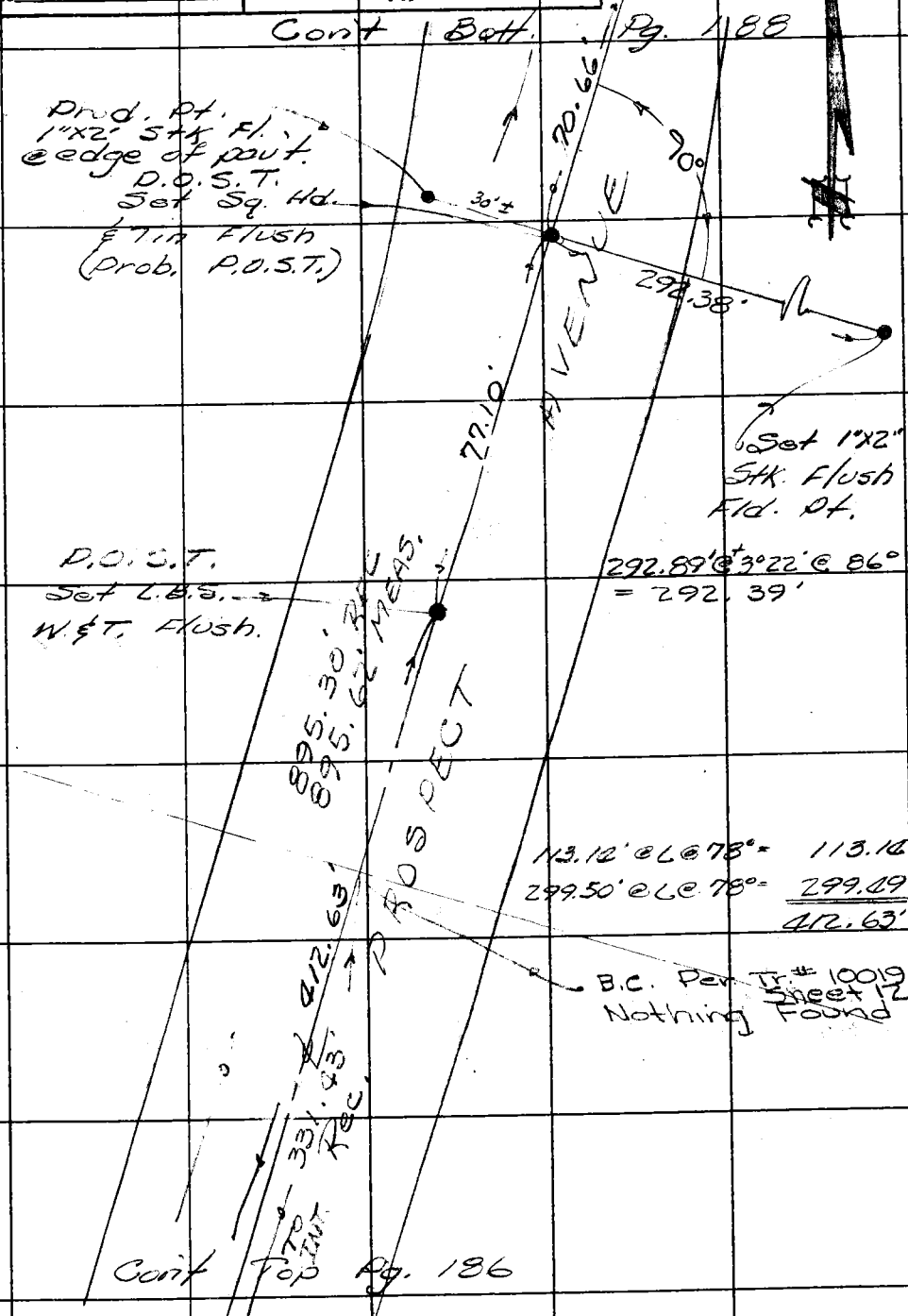
Notes Ck'd by	Survey of Redondo Imp.	F. B. 589 Pg. 187
Map No.	[illegible] 106 [illegible] 84	
Office Work	Surveyed by RCWilson	
Checked	Notes RCW Date 1-5-62	
Date	Indexed H. E. OTT	

Con't Bott. Pg. 188



Con't Top Pg. 186

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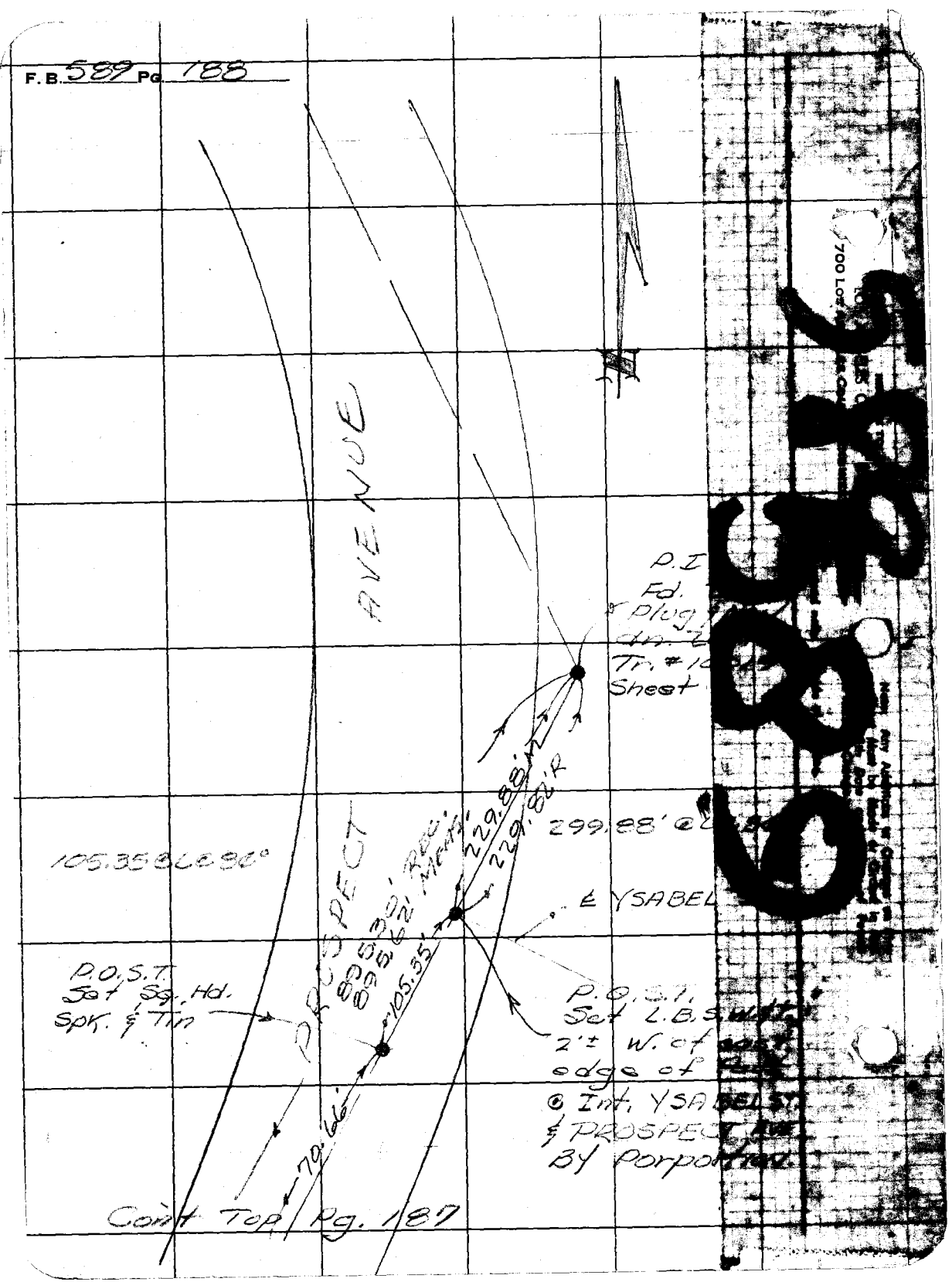
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F. B. 589 Pg. 188



Con't Top Pg. 187