Notes Ck'd by	Survey of	F.B. 3236 Pg.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

Page	Job	Description
		MANHATTAN BEACH PARK 0754.90
5-15	Bdry.	Bdry. line survey of parking lot property.
16-22	Bdry.	Bdry. monuments.
		DEPT. OF BEACHES - ADMIN. HDQ. BLD((Manhattan Beach) 0018.30
25-26	Index	
27-37	Bdry.& Geod. Ties	Boundary survey of property in the vic. of 27th St. & Ocean Drive, wit geodetic ties.
		HERMOSA BEACH PIER 0077.38
51-52	Index	
53-64	Tie	Tie Hermosa Beach Pier to C.L. of Streets in vic. of Pier Ave. & Hermosa Ave.
65-78		Improvement & occupation line.
		HERMOSA CITY BEACH 0077.39 RESTROOM FACILITIES

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Microfilmed March 85

over

F.B. 3236 Pg.

Page	Job	Description
		HERMOSA CITY BEACH RESTROOMS 8753.17,18
91-92	B.M.	Bench levels to estab. elev's. @ Bldg. Sites at the end of 7th St. & 16th St.
93-98	Index	Horiz.control for the 7th St. site
99-104	Index	Horiz.control for the 16th St. site
105-106	Const.	staking for the 2nd St. site
107-108	B.M.	Bench levels to estab. elev's @ 2nd St. Bldg. site.
111-112	B.M.	Bench levels to estab. elev's @ 22nd St. Bldg. site.
		MANHATTAN STATE & COUNTY 8755.22
113-114	B.M.	Bench levels for Prop. Restroom Facilities @ 26th St. & The Strand
		SOUTH BAY BICYCLE TRAIL 9912.02
115-116	Loc.	of Profiles at the end of 8th St. & The Strand in Manhattan Beach Area.
117-120	Profiles	at the end of 8th St. for const. of Rest Room.
		MANHATTAN BEACH REST ROOMS - 8th ST. 8755.06
121-122	B.M.	Bench levels for Prop. Rest Rooms Facilities @ 8th St. & The Strand
		SOUTH BAY BICYCLE TRAIL 9912.02
123-126	Horiz.	control for topog. at Bike Trail & Rosecrans Ave. in Manhattan Beach.

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

F.B. 3236 Pg.

PAGE	JOB	DESCRIPTION
		HERMOSA BEACH COMFORT STATION - 14th STREET SITE J.N. 8753.14
127-128		Horizontal control for Topog.
129-130		Vertical control.
		COASTAL SURVEY-VENICE LIFEGUARD STATION 0300.02
131-140		Loc. & Elev's. of Venice Lifeguard Station & profiles of beach.
		MANHATTAN BEACH BLVD. - CATCH BASIN LOCATIO AT STRAND J.N. 0303.00
141-142		Centerline intersections and catch basin location.
		HERMOSA BEACH - REDONDO BEACH RESTROOM LAYOUT J.N. 6606.26
147-148		Hermosa Beach Restroom location
149-150		Construction bench levels
		LAS TUNAS BEACH J.N. 6845.01
151-170		Cross-section prior to excavation at Sand Barrow site at Dockweiler Beach.
171-180		Centerline survey of Vista Del Mar from Imperial Highway SE'ly. to Grand Avenue.

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76P3098 (CE #310 8-66

Notes Ck'd by R. J. BRENNER
Map No. B-537-1
Office Work J. J. EDWARDS
Checked
Date MAY 1965

Survey of Manhattan Beach Park F. B. 3236 PG. 5
JN 075490 Tape 0250 Std 68 °F
Surveyed by E. English
Notes E. E. E. S. Date 2-11-65
Indexed FEB 25

MANHATTAN BEACH PARK

JN 075490

0054 50

BOUNDARY SURVEY

Ref:
C.S.B.-537-1
L.B. 6/14
Pier Tract
City Manhattan Beach Book 198

Feb 11, 1965
E. English
E. Shoemaker
E. Dupuis
G. Tollison
H. Robbins

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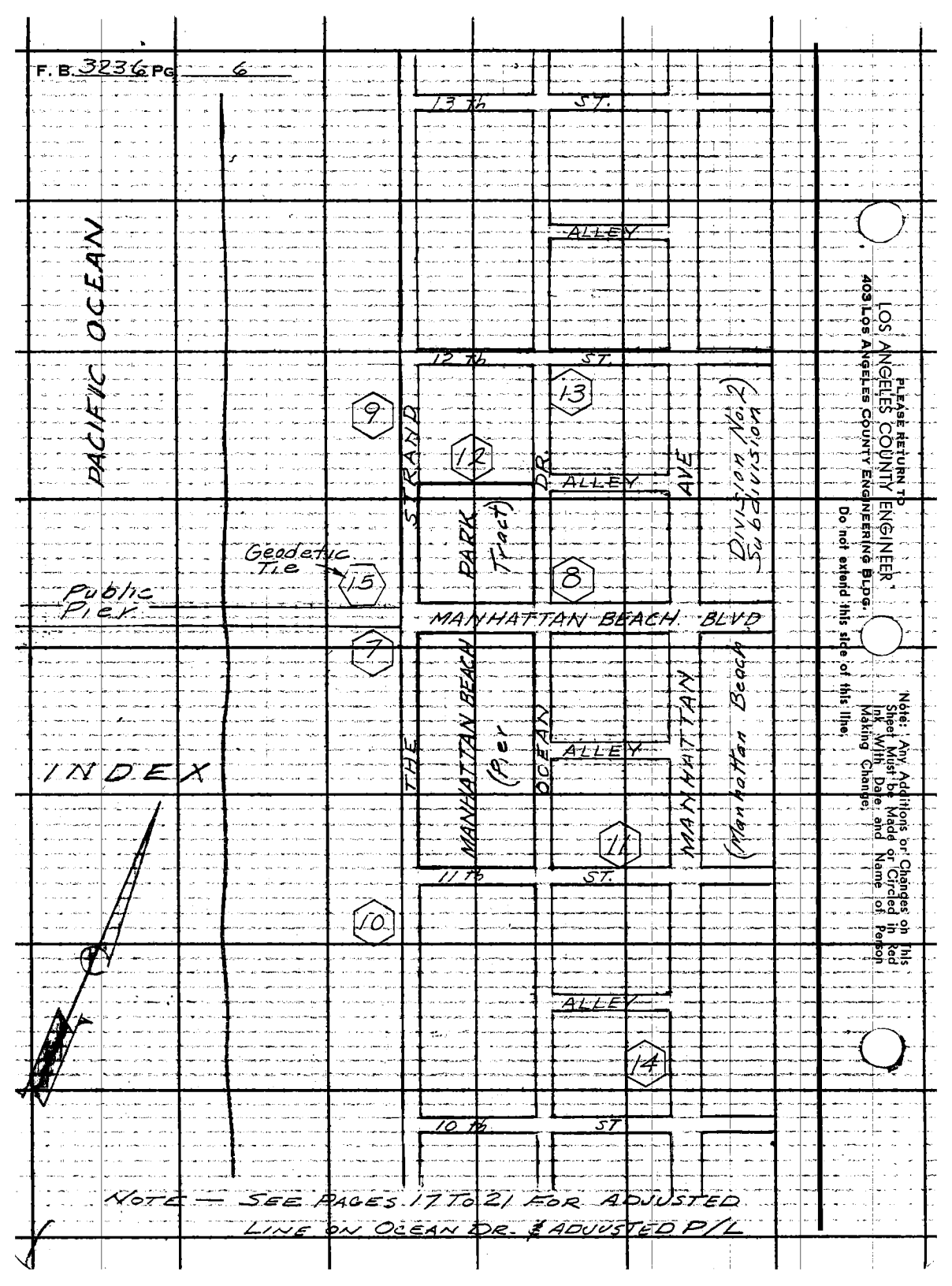
76F3098. GE #310 6-63

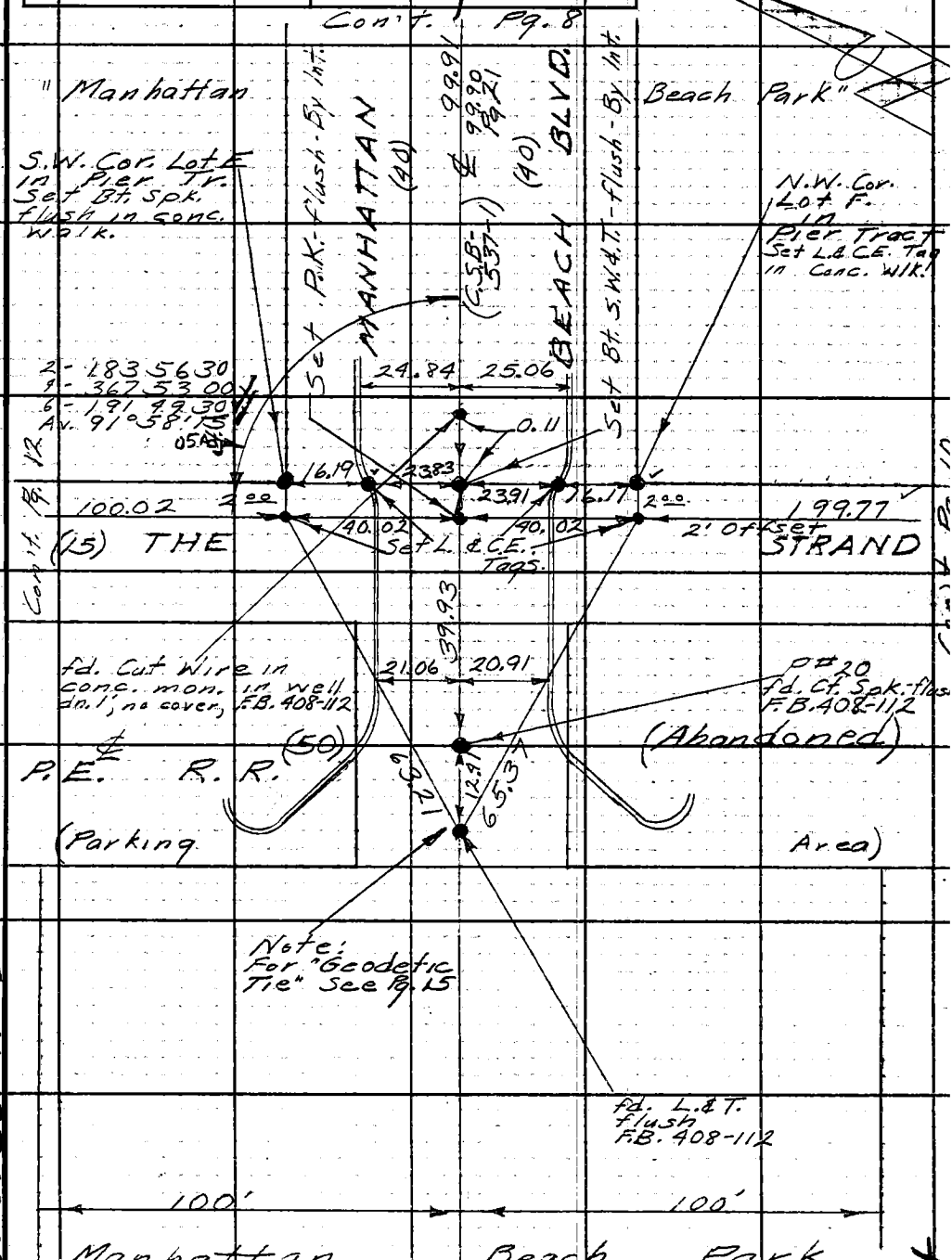
F. B. 3236 PG. 6



NOTE — SEE PAGES 17 TO 21 FOR ADJUSTED LINE ON OCEAN DR. & ADJUSTED P/L

Notes Ck'd by W. J. BRENNER	Survey of Manhattan Beach Park
Map No. B-537-1	JN 0754.90 Tape 0250 Std 68 °F
Office Work J. J. EDWARDS	Surveyed by English
Checked W. J. BRENNER	Notes Ed. Date 2-11-65
Date MAY 1965	Indexed C. J. GALLI

F. B. 3236 PG. 7



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U.S. 25 A-3

76F309S CE #310 6-63

F. B. 3236 Pg 8

W.S. 25 A-3

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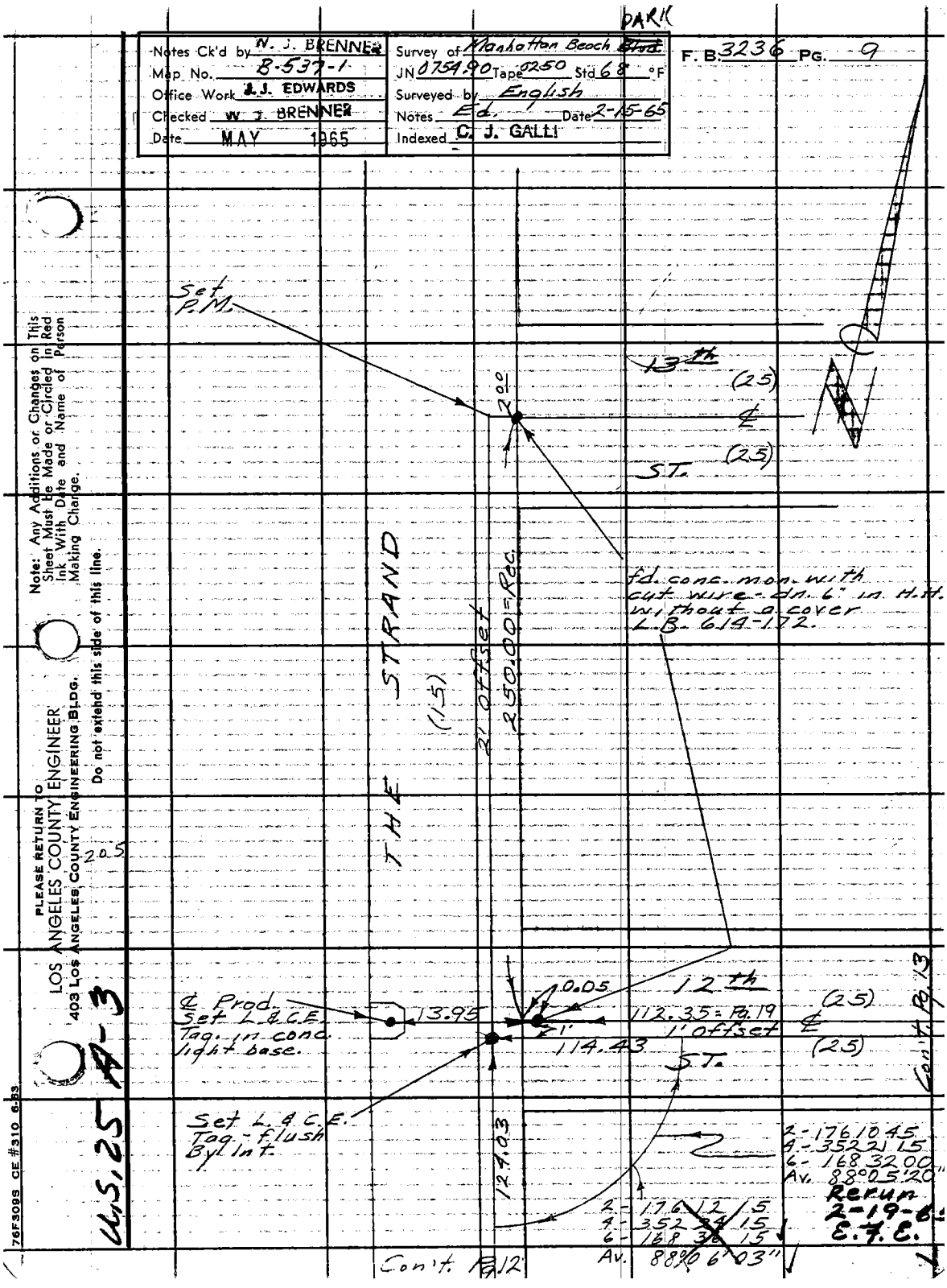
Checked W. J. BRENNER	Notes Ed. Date 2-15-65
Date MAY 1965	Indexed C. J. GALLI

F. B. 3236 PG. 9



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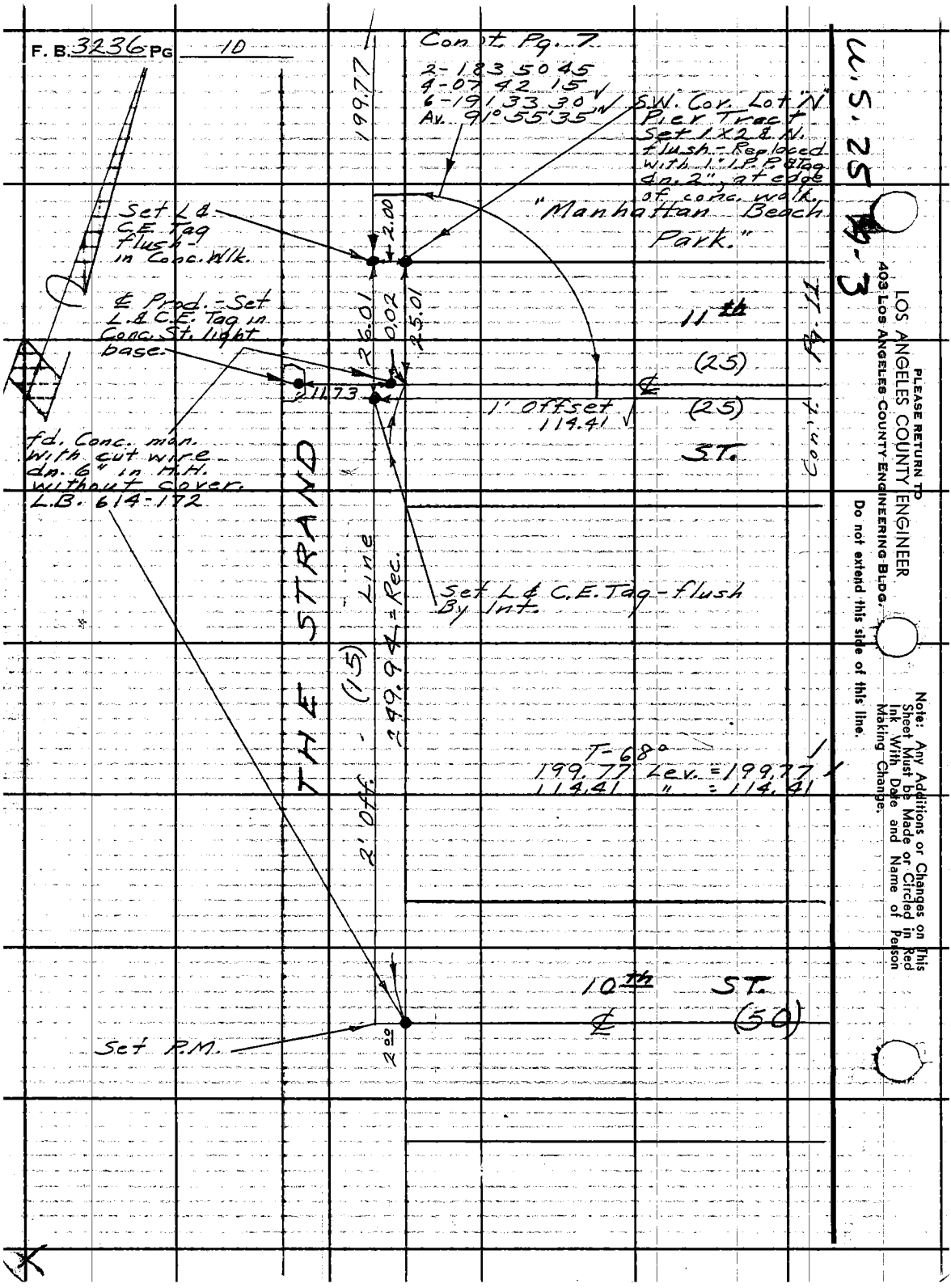
F. B. 3236 PG 10
Con't. Pg. 7
2-183 50 45
4-07 42 15
6-191 33 30
Av. 91° 55' 35"
S.W. Cor. Lot "N" Pier Tract Set 1X2 & N. flush - Replaced with 1" I.P.P. & Tag dn. 2", at edge of conc. walk.
"Manhattan Beach Park."
199.77
2.00
Set L & C.E. Tag flush - in Conc. Wlk.
℄ Prod. - Set L. & C.E. Tag in Conc. St. light base.
26.01
0.02
25.01
11th
(25)
℄
11.73
1' Offset 114.41
(25)
ST.
fd. Conc. mon. with cut wire dn. 6" in H.H. without cover. L.B. 614-172
THE STRAND
(15) Line
249.94 = Rec.
2' Off.
Set L & C.E. Tag - flush By Int.
T-68°
199.77 Lev. = 199.77
114.41 " = 114.41
10th ST.
℄
(50)
Set P.M.
2.00
Con't. Pg. 11
U.S. 25 Pg. 3
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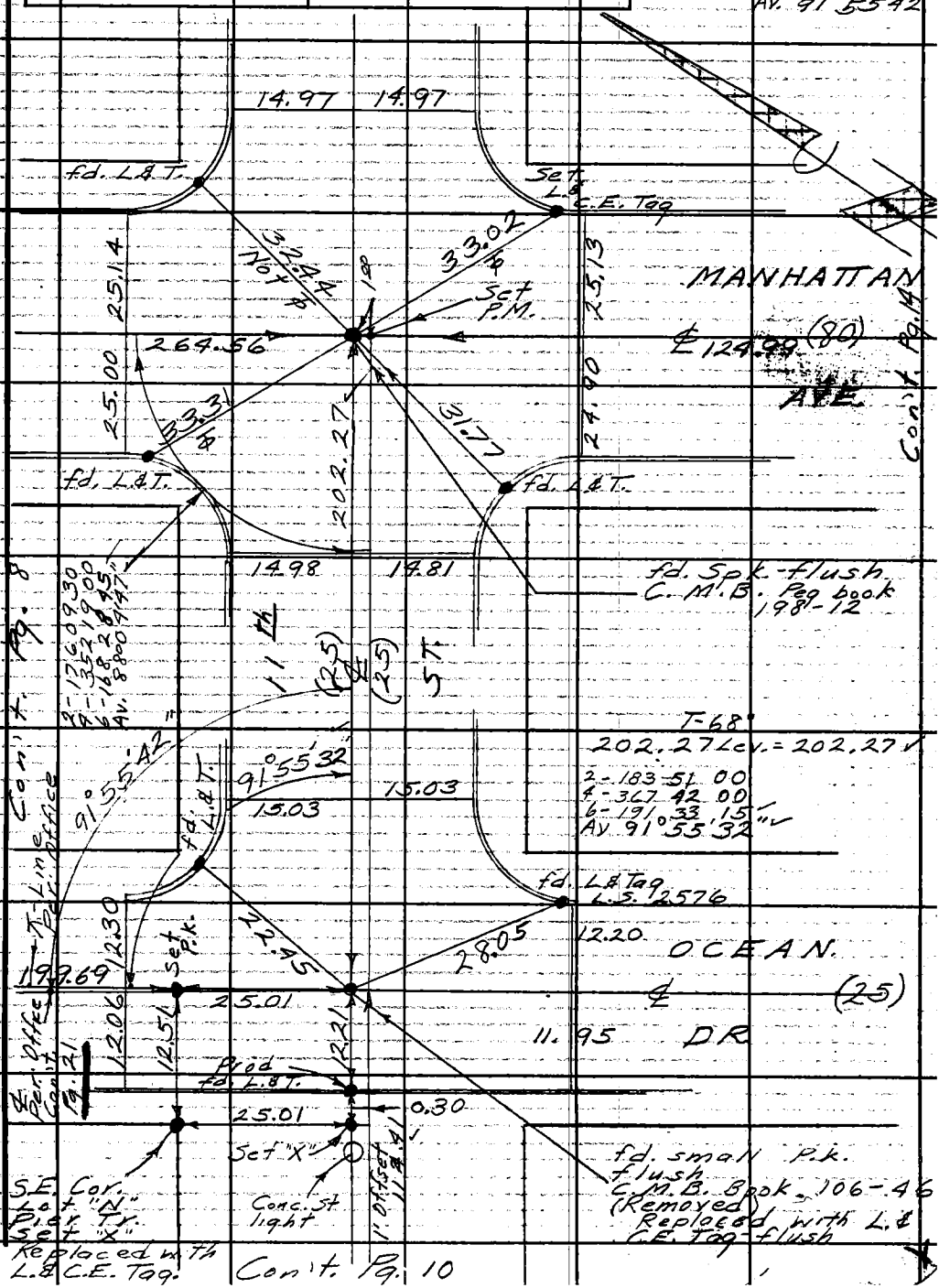
Checked W. J. BRENNER	Notes Ed. Date 2-15-65
Date MAY 1965	Indexed C. J. GALLI

F. B. 3236 PG. 11

2-183 51 30
4-07 42 45
6-191 34 15
AV. 91 55 42



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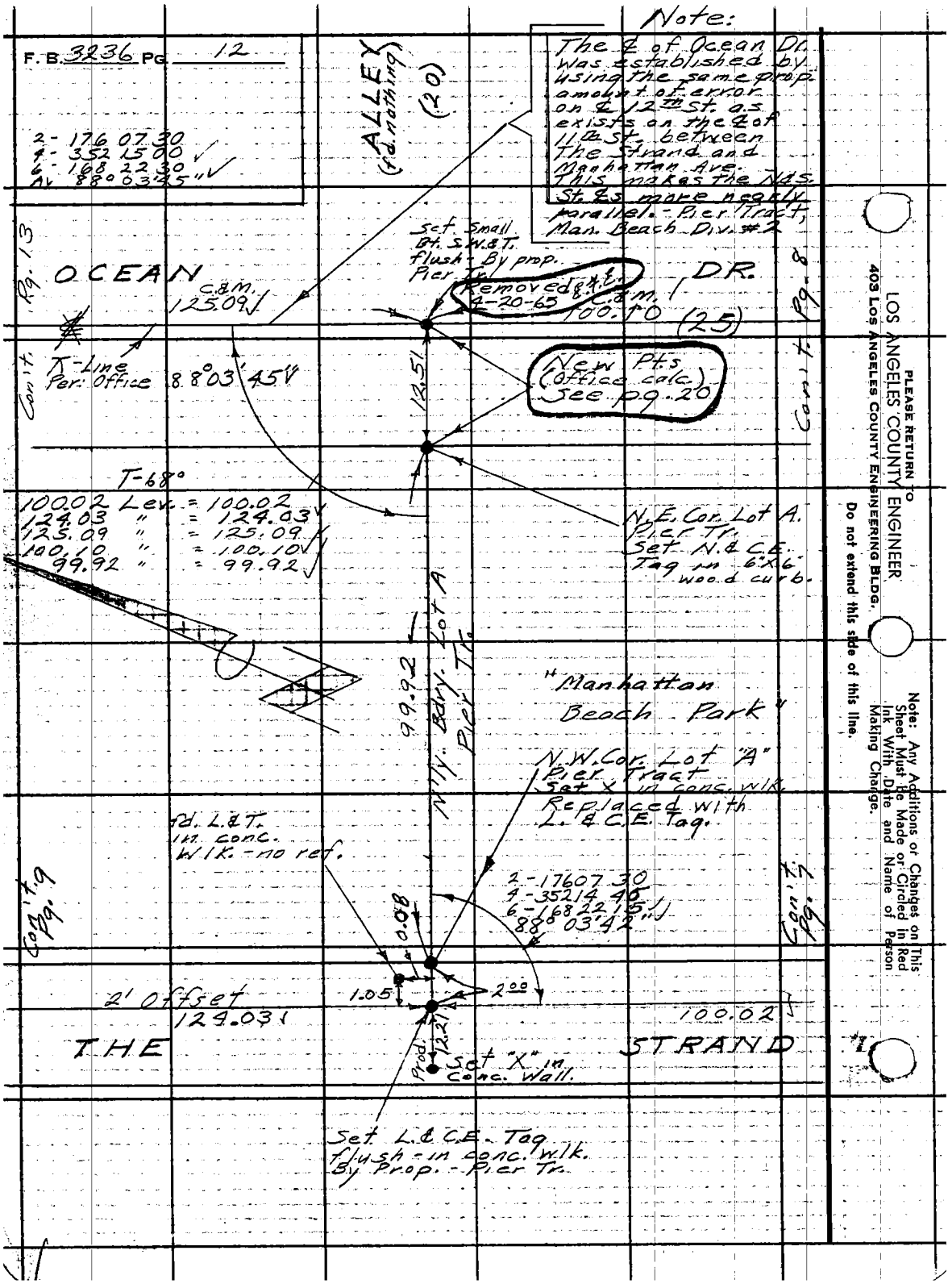
F.B. 3236 Pg. 12
2 - 176 07 30
4 - 352 15 00
6 - 168 22 30
Av. 88° 03' 45"
Note:
The ℄ of Ocean Dr. was established by using the same prop. amount of error on ℄ 12th St. as exists on the ℄ of 11th St. between The Strand and Manhattan Ave. This makes the N&S. St. ℄s more nearly parallel. - Pier Tract, Man. Beach Div. #2
ALLEY (fd. nothing) (20)
Set Small Bt. S.W.&T. flush - By prop. Pier Tr.
Removed 4-20-65
C.&M. 100.10 (25)
OCEAN DR.
C.&M. 125.09
Con't. Pg. 13
Con't. Pg. 8
T-Line Per: Office 88° 03' 45"
New Pts (Office calc.) See pg. 20
12.51
T-68°
100.02 Lev. = 100.02
124.03 " = 124.03
125.09 " = 125.09
100.10 " = 100.10
99.92 " = 99.92
N.E. Cor. Lot A. Pier Tr. Set N.&C.E. Tag in 6"x6" wood curb.
99.92
N'ly. Bdry. Lot A Pier Tr.
"Manhattan Beach Park"
N.W. Cor. Lot "A" Pier Tract Set X in conc. wlk. Replaced with L.&C.E. Tag.
fd. L.&T. in conc. Wlk. - no ref.
2 - 176 07 30
4 - 352 14 45
6 - 168 22 15
88° 03' 42"
Con't. Pg. 9
Con't. Pg. 7
0.08
1.05
2.00
2' Offset 124.03
100.02
THE STRAND
12.21
Prod.
Set "X" in Conc. Wall.
Set L.&C.E. Tag flush - in conc. wlk. By Prop. - Pier Tr.
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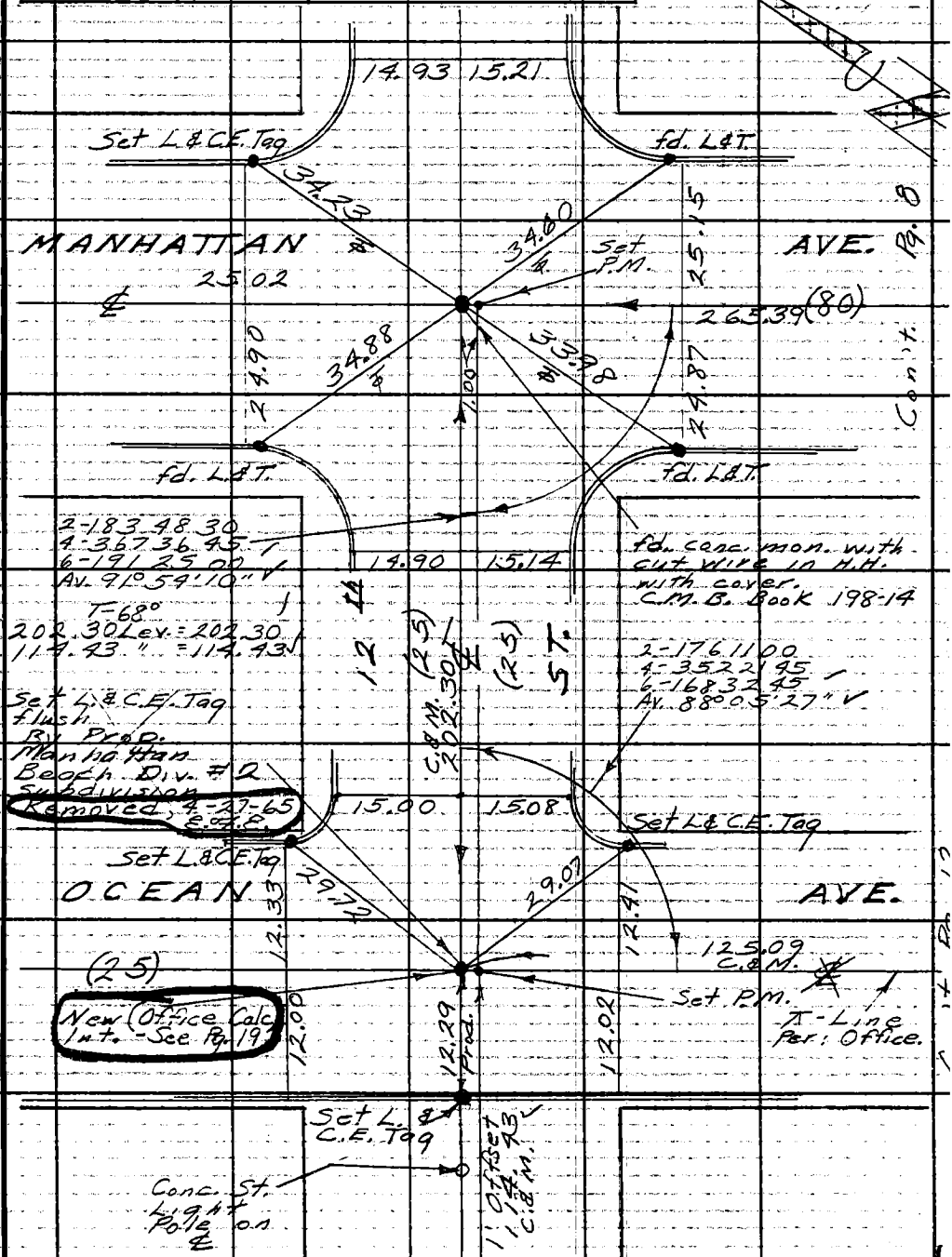
Office Work J. J. EDWARDS	Surveyed by English
Checked W. J. BRENNER	Notes Ed. Date 2-16-65
Date MAY 1965	Indexed C. J. GALLI

F. B. 3236 PG. 13



Con't. Pg. 8

Con't. Pg. 9

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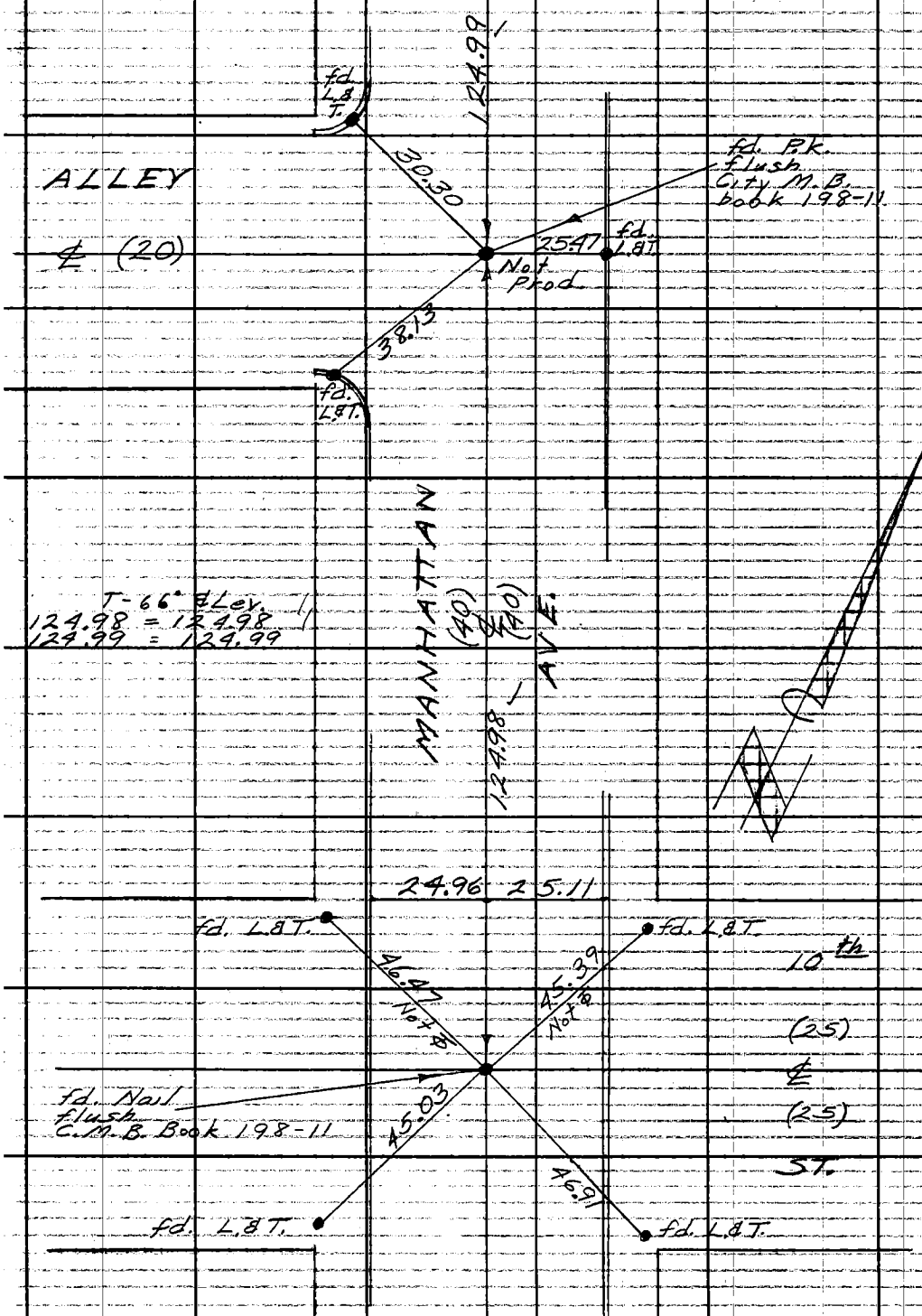
U.S. 25 A3

76F309S CE #310 6-63

F. B. 3236 PG 14 Con't. Pg. 11



W.S. 25 A-3

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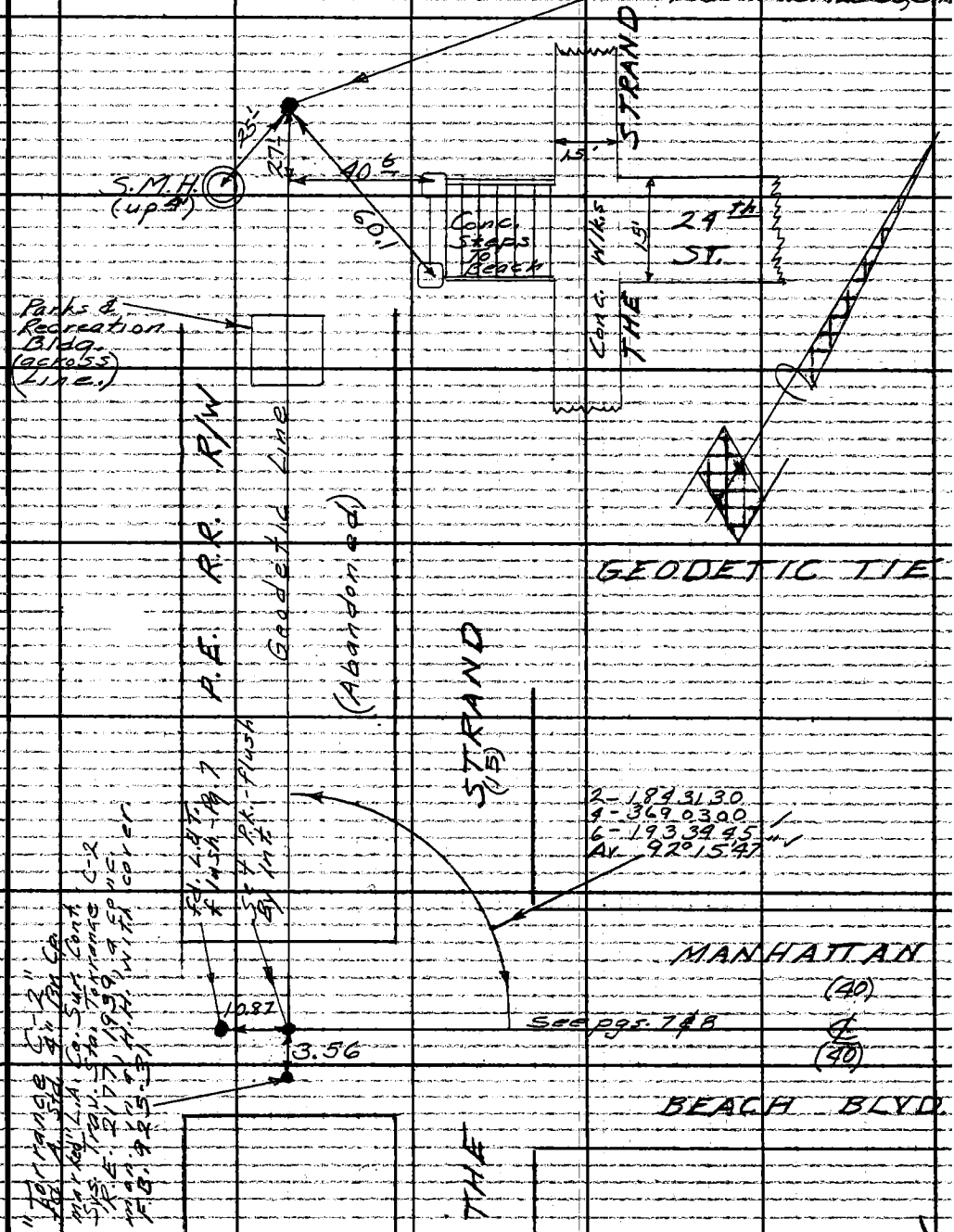
Date MAY 1965	Indexed G. J. GALLI

F.B. 3236 PG. 15

"Torrance C-1A" fd. A Std. 4" br. Table marked "L.A. Co. Sur. Co. System Trav. Sta. Torrance C-1A R.E. 2177", a conc. mon. flush - F.B. 925-33, 34.



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76F3098 CE #310 6-63

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Map No.	JN 075490 Tape 0250 Std 68 °F
Office Work	Surveyed by E. English
Checked	Notes E.E. & E.S. Date 4-27-65
Date	Indexed C. J. GALLI APR 2 9 '65

F. B. 3236 PG. 17

MANHATTAN BEACH PARK

J.N. 075490

BOUNDRY MONUMENTS

(Per Office Calculation)

APRIL 27, 1965
E. English
E. Shoemaker
E. Dupuis
G. Tollison

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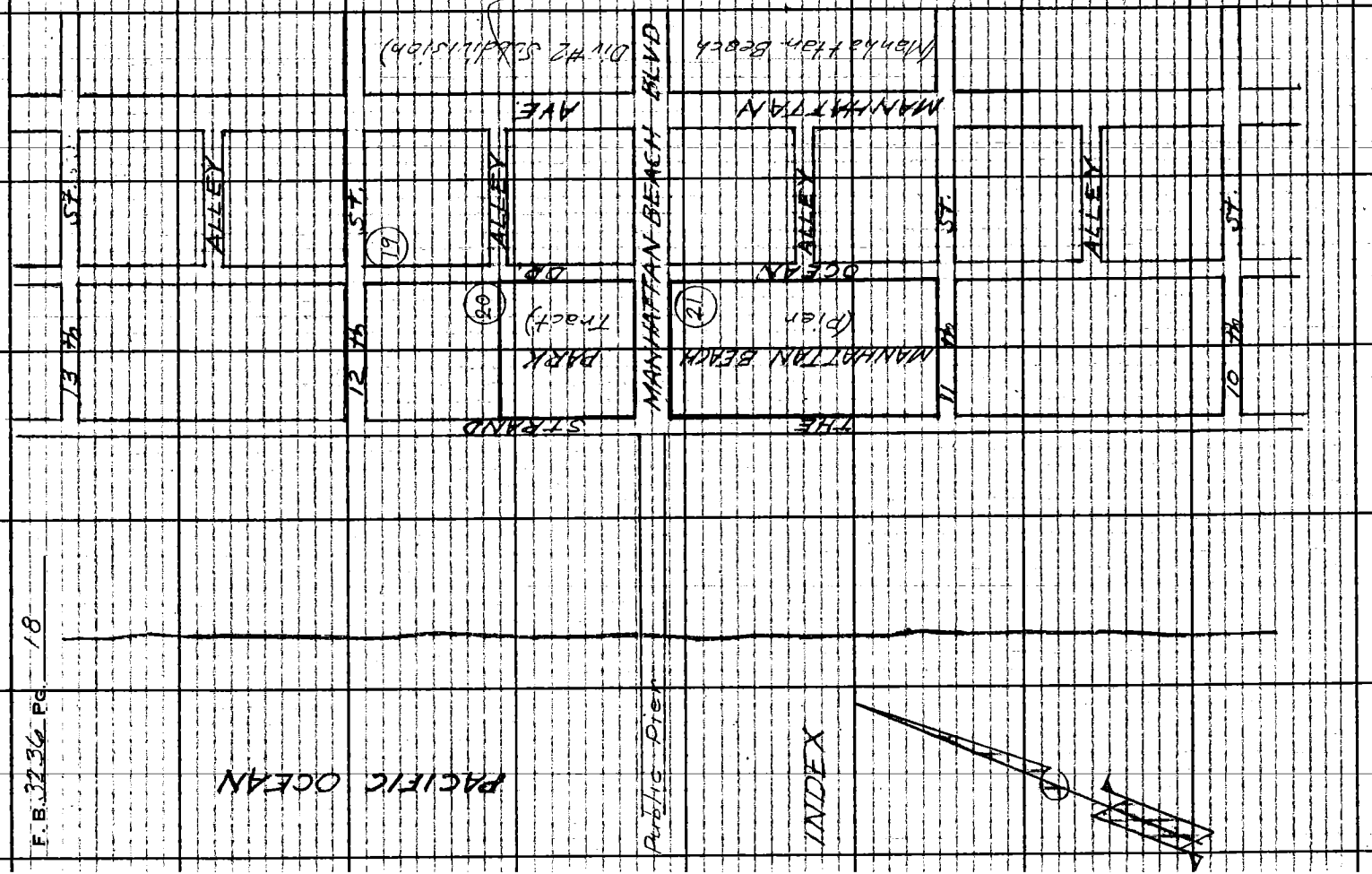

Notes Ck'd by W. J. BRENNER	Survey of Manhattan Beach Park	F. B. 3236 PG. 19
Map No. B-537-1	JN 0754.90 Tape 0250 Std 68 °F	
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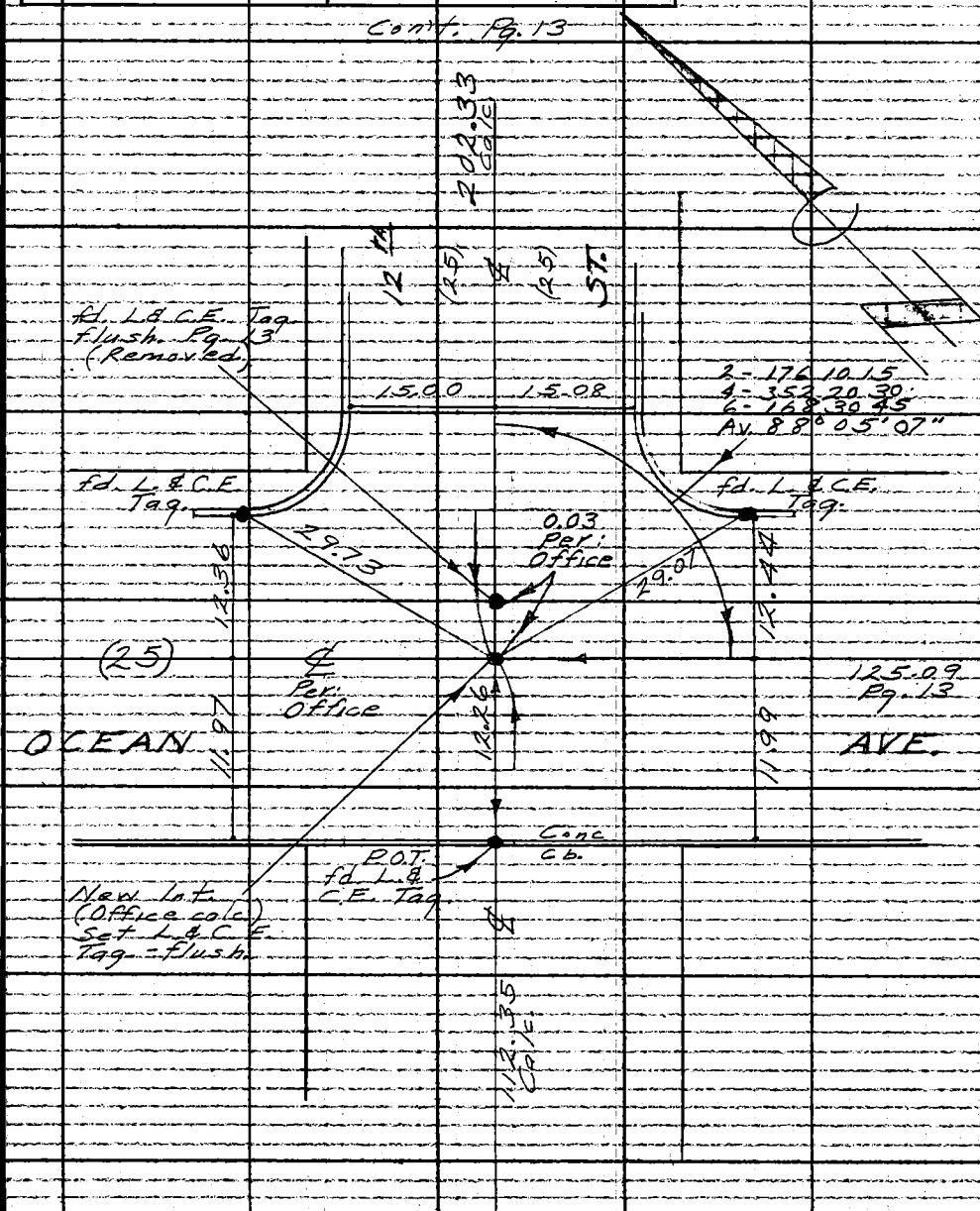
Checked W. J. BRENNER	Notes Ed. Date 4-27-65	
Date MAY 1965	Indexed C. J. GALLI	



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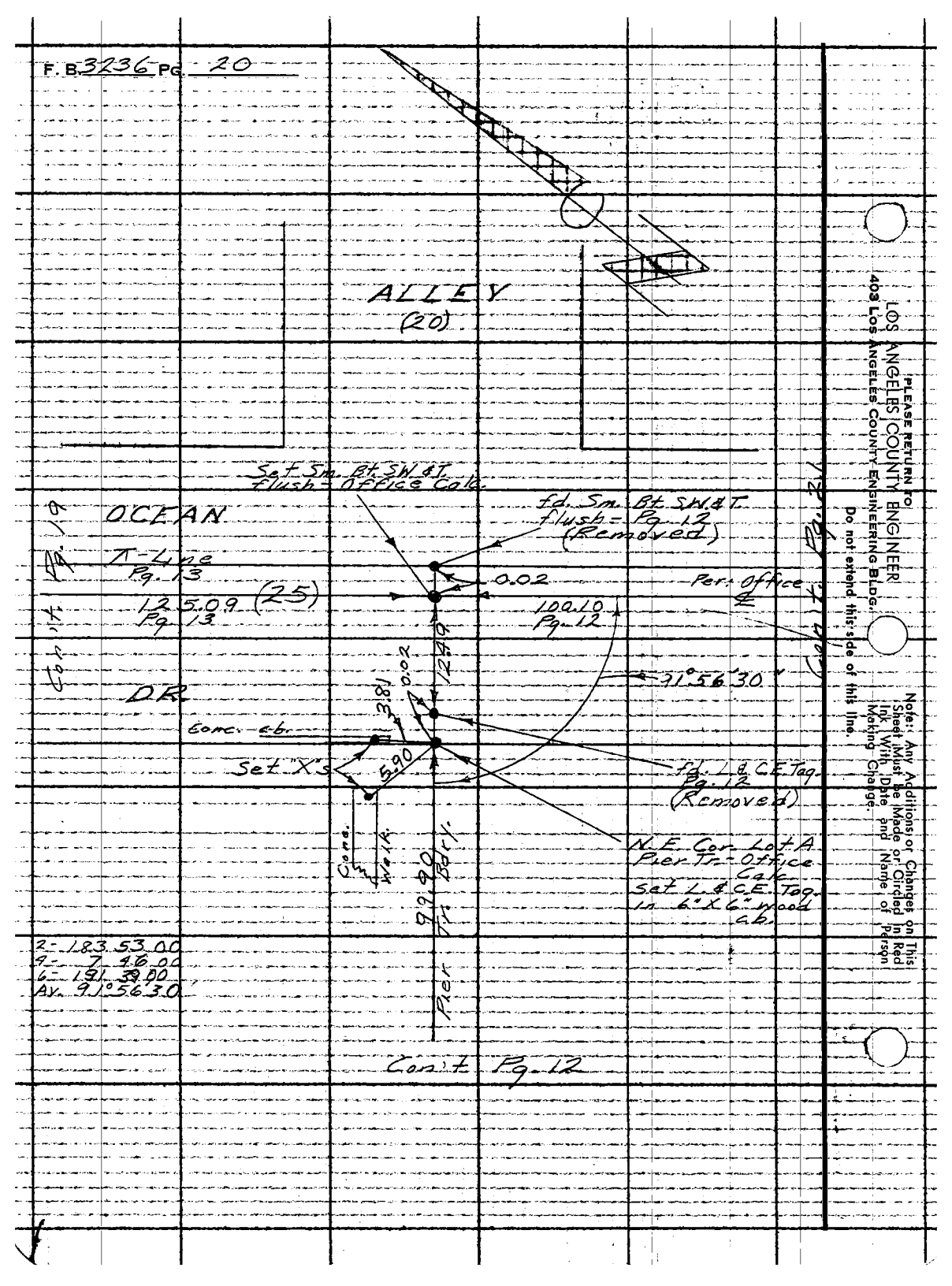
W.S. 25 A-3

76F3095 CE #310 6-63

F. B. 3236 PG. 20



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Map No. B-537-1	JN 0754.90 Tape 0250 Std 68 °F	
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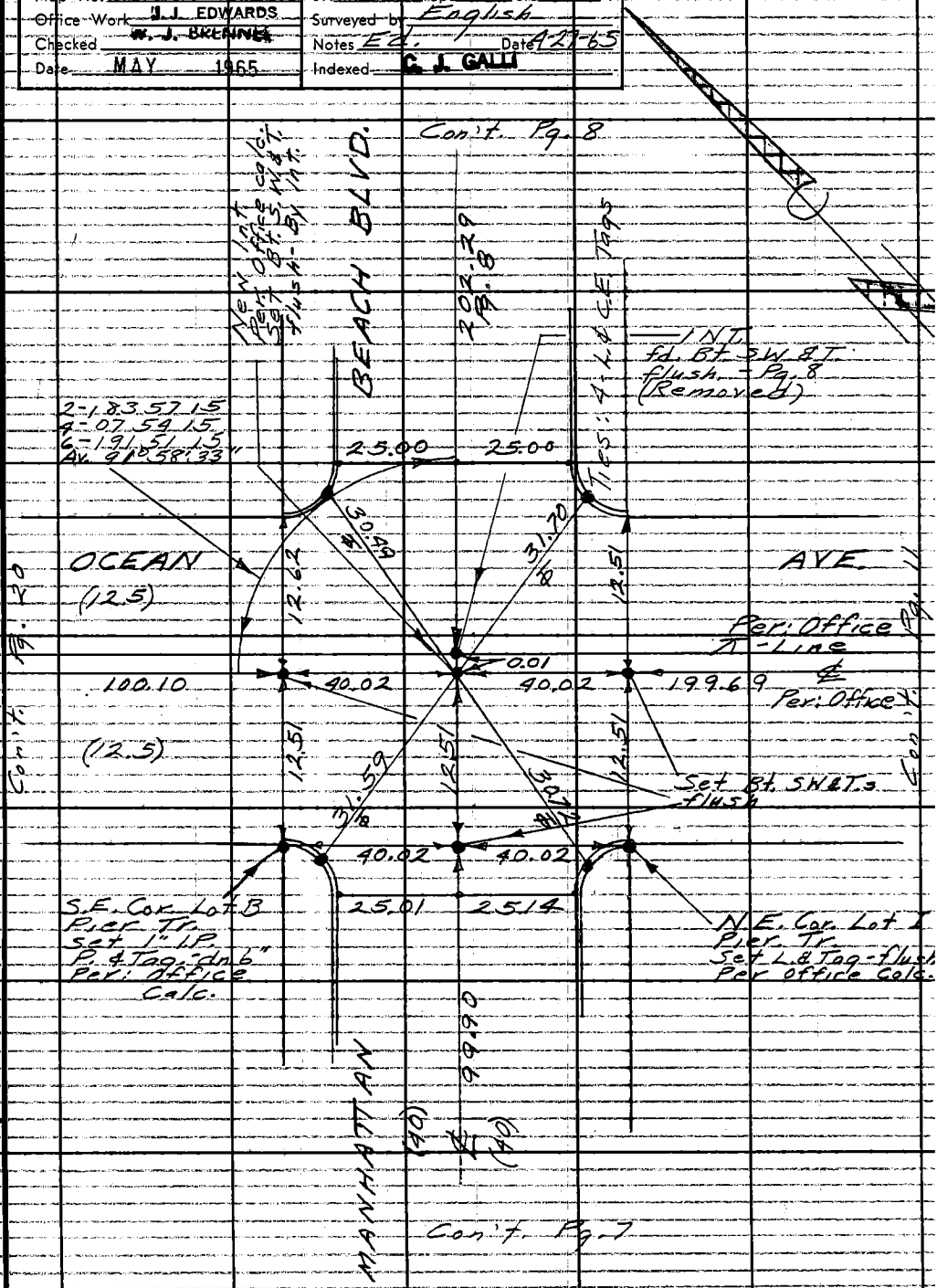
Checked W. J. BRENNER	Notes Ed. Date 4-27-65	
Date MAY 1965	Indexed C. J. GALLI	



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W.S. 25 A-3

76F309S CE #310 6-63

Notes Ck'd by G. D. BAILEY
Map No. B-5101
Office Work M. HAMASU
Checked G. D. BAILEY
Date APR 8 '70

Survey of Dept. of Beaches
JN 0018.30 Tape 202 Std 68 °F
Surveyed by E. English
Notes E-S Date 3-4-70
Indexed D.L. GALLI APR 11 '70

F. B. 3236 Pg. 25

DEPARTMENT OF BEACHES
ADMINISTRATIVE HEADQUARTERS BLDG.
MANHATTAN BEACH
J.N. 0018.30
BOUNDARY SURVEY

MARCH 4, 1970
E. English
E. Shoemaker
R. Clifford
E. Tullier

Ref:
C.S.B. 537-1
Peck's Manhattan Beach Tract.

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16F309S CE#310 3-68

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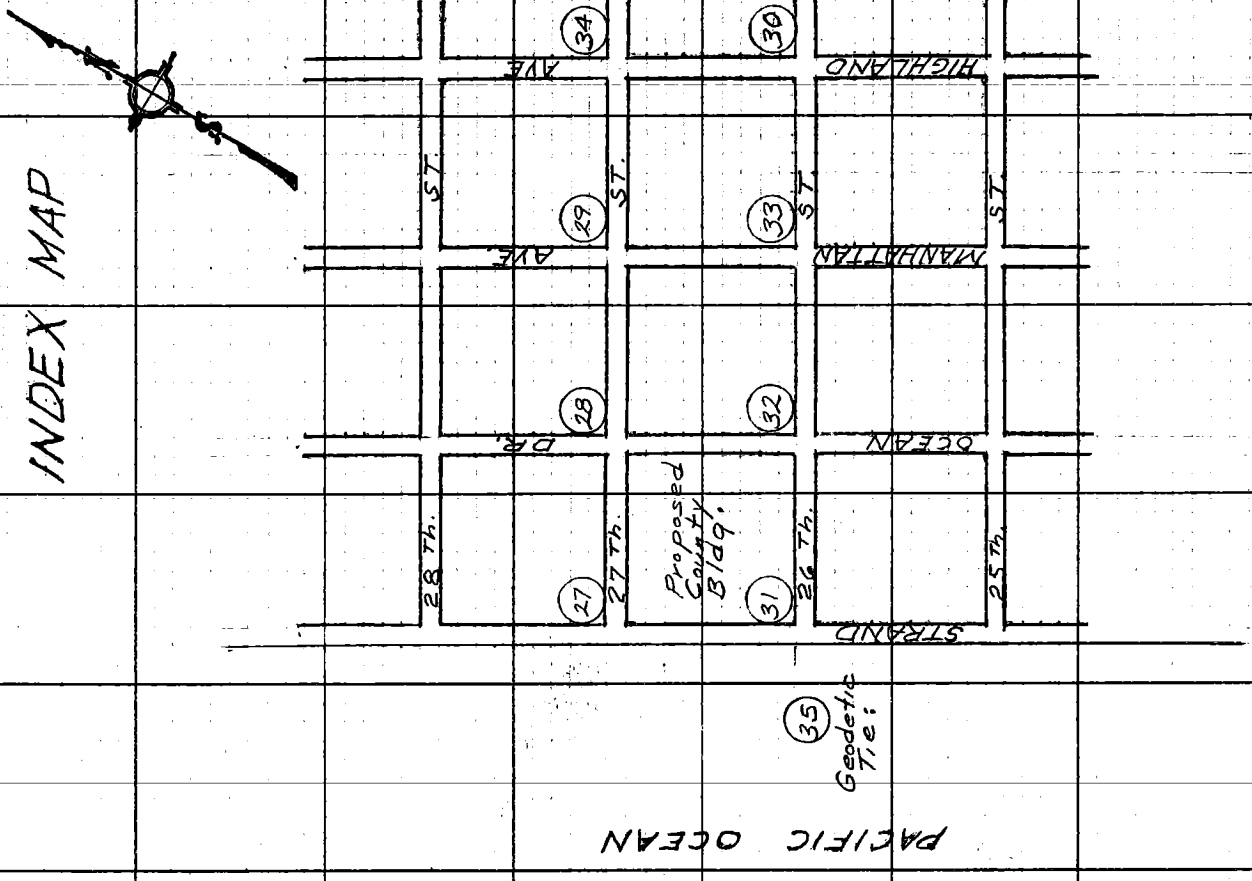
INDEX MAP



F. B 3236 PG. 26

Notes Ck'd by G. D. BAILEY	Survey of Dept. of Beaches
Map No. B-5101	JN 0018.30 Tape 202 Std 68 °F
Office Work M. HAMASU	Surveyed by English
Checked G. D. BAILEY	Notes Ed. Date 3-70
Date APR 8 '70	Indexed G. L. GALLI 11

F. B. 3236 PG. 27

W 25.4-2

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Con't. Pg. 28

31.51 Lev-T-68° = 31.51 ✓
200.13 " " = 200.13 ✓
105.13 " " = 105.13 ✓

Set L.& C.E. Tag. By int. in ctr. conc. H-wall.

27th (20) ℄ (20) ST.

N. W. Cor. Lot 5, Blk. 5, Peck's Manhattan Beach Tract - Set L.& C.E. Tag in broken area of conc. cb.

1- 89 59 15
4- 359 57 20
6- 179 56 00
Av. 89° 59' 22" ✓

105.13

Conc. cb.

Lot Cor. fd. L.& T. in conc. cb. F.B. 1419-138.

Conc. cb.

19.83

20.00

200.13

Conc. cb.

Conc.

10.74 14.60 10.65

(Varies)

THE walk. (30) STRAND

Conc. C.B.

P.E. R/W. To State.

P.O.T. fd "X" F.B. 1419-138. Replaced with L. & C.E. Tag.

31.51

Control Line

fd. 3/4" I.P. P.& T. dn. 2', F.B. 1419-138

Con't. Pg. 35

Con't Pg. 31

16F3095 CE#310 3-68

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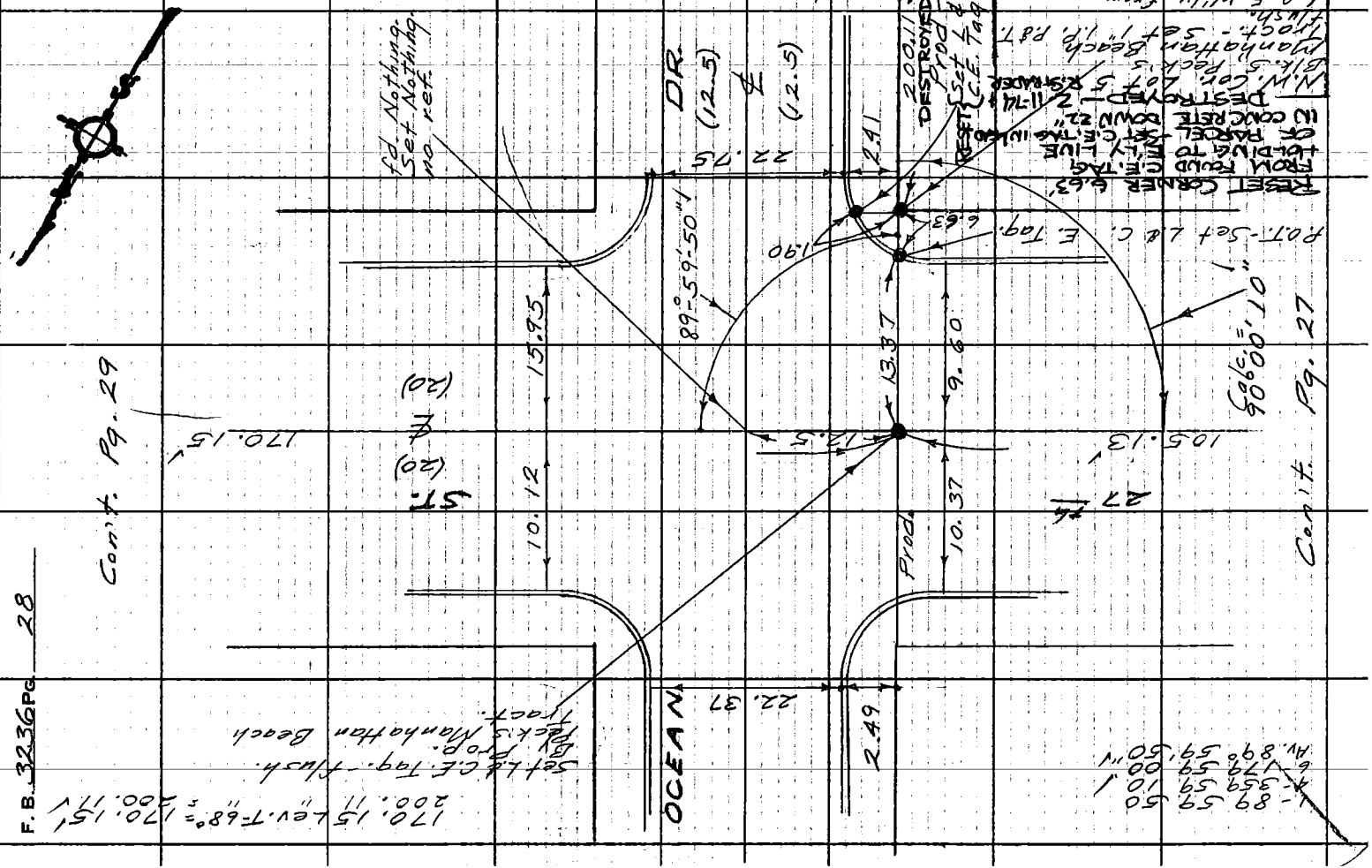
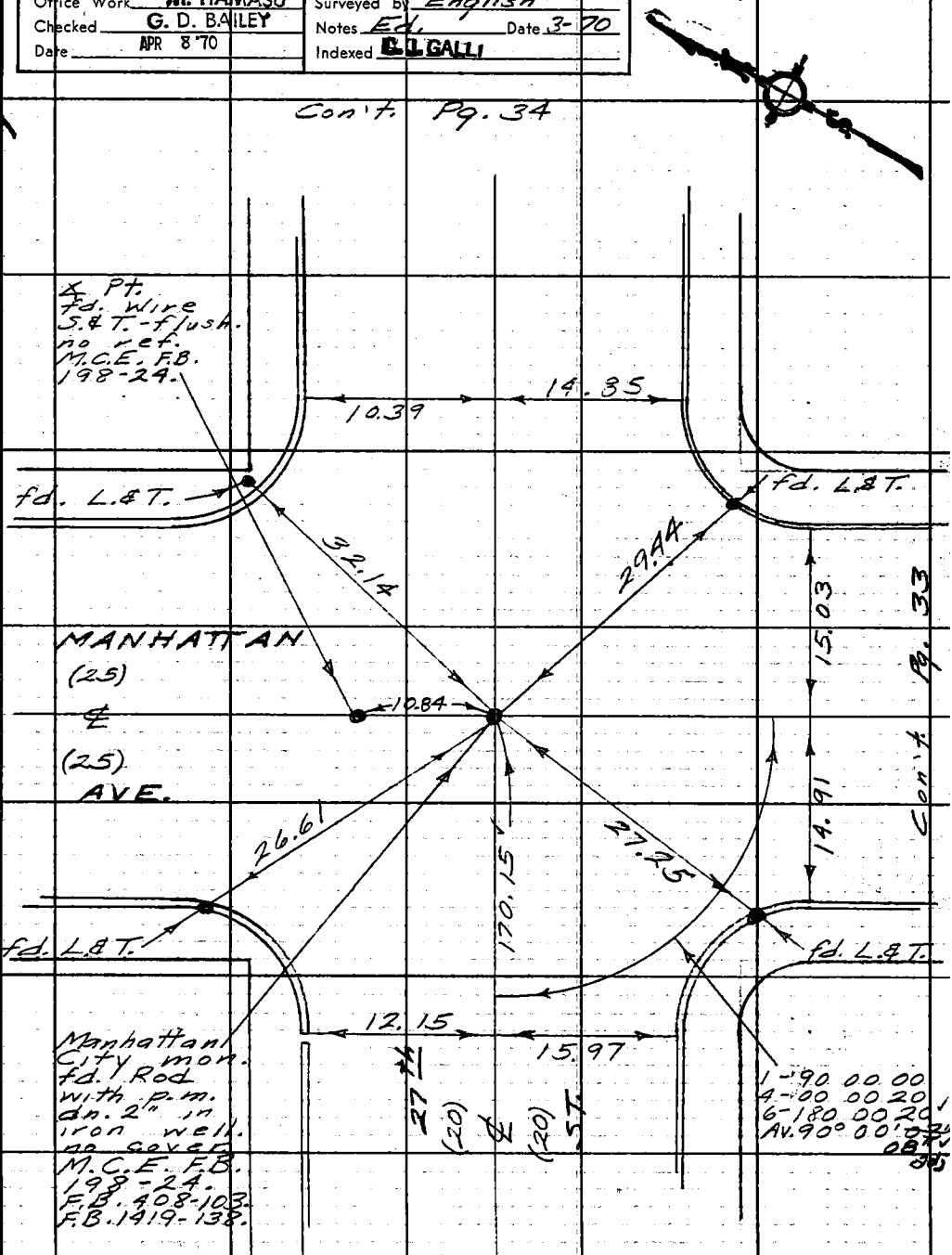
W.R. 25, A-2



Notes Ck'd by G. D. BAILEY	Survey of Dept. of Beaches
Map No. B-5101	JN 0018.30 Tape 202 Std 68 °F
Office Work M. HAMASU	Surveyed by English
Checked G. D. BAILEY	Notes Ed. Date 3-70
Date APR 8 '70	Indexed E.L. GALLI

F. B. 3236 PG. 29

W.S. 25, A-2



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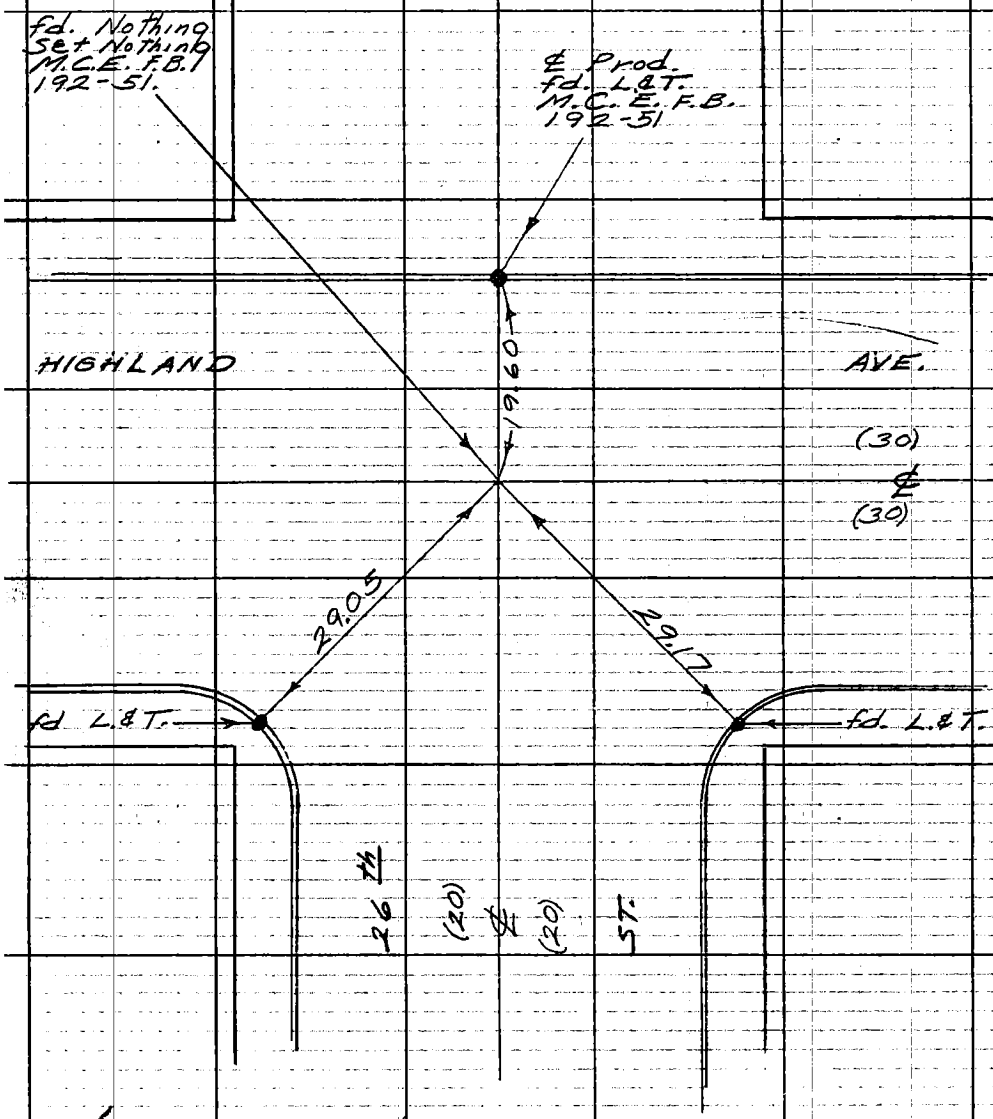
76F309S CE#310 3-68

F. B. 3236 PG. 30

M.S. 25, A-2



Con't. Pg. 33

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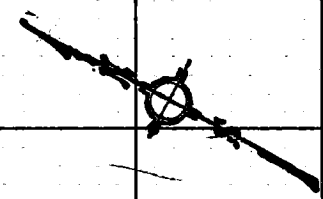
4

Notes Ck'd by G. D. BAILEY	Survey of Dept. of Beaches
Map No. B-5101	JN 0018.30 Tape 202 Std 68 °F
Office Work M. HAMASU	Surveyed by English
Checked G. D. BAILEY	Notes Ed. Date 3-70
Date APR 8 '70	Indexed C. J. GALLI MAR 11 '70

F. B. 3236 PG. 31



Con't. Pg. 32

W.S. 25, A-2

RESET CORNER 20.00' N'LY ALONG W'LY LINE OF PARCEL FROM TEMPORARY INTER. 0.07' W'LY OF FOUND COPPER WIRE IN CONC. SET C.E. TAG IN LEAD IN E'LY EDGE OF CONC. WALK

26th (20) ℄ (20) ST.

fd. Cap. Wire in conc.-dn. 2" in iron well, no cover. F.B. 408-104.

1-89 59 40
4-359 58 30
6-179 57 40
Av. 89° 59' 37"

DESTROYED S.W. Cor. Lot 10 Blk. 5, Peck's Manhattan Beach Tract. Set "X" in M.H. lid. at W'ly. edge.

DESTROYED Set L.& C.E. Tag.

DESTROYED Set L.& C.E. Tag.

conc. walk.

105.08

7.45

7.54

10.02

1.00

19.00

0.07

200.13

3.00

14.70

30.25

30.28

conc. walk (30) varies

THE STRAND

fd. L.& T. in bot. conc. step.

Set P.M. By Int.

57.13 Prod.

Con't. Pg. 27

Con't. Pg. 36

Con't. Pg. 35

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76F309S CE#310 3-68

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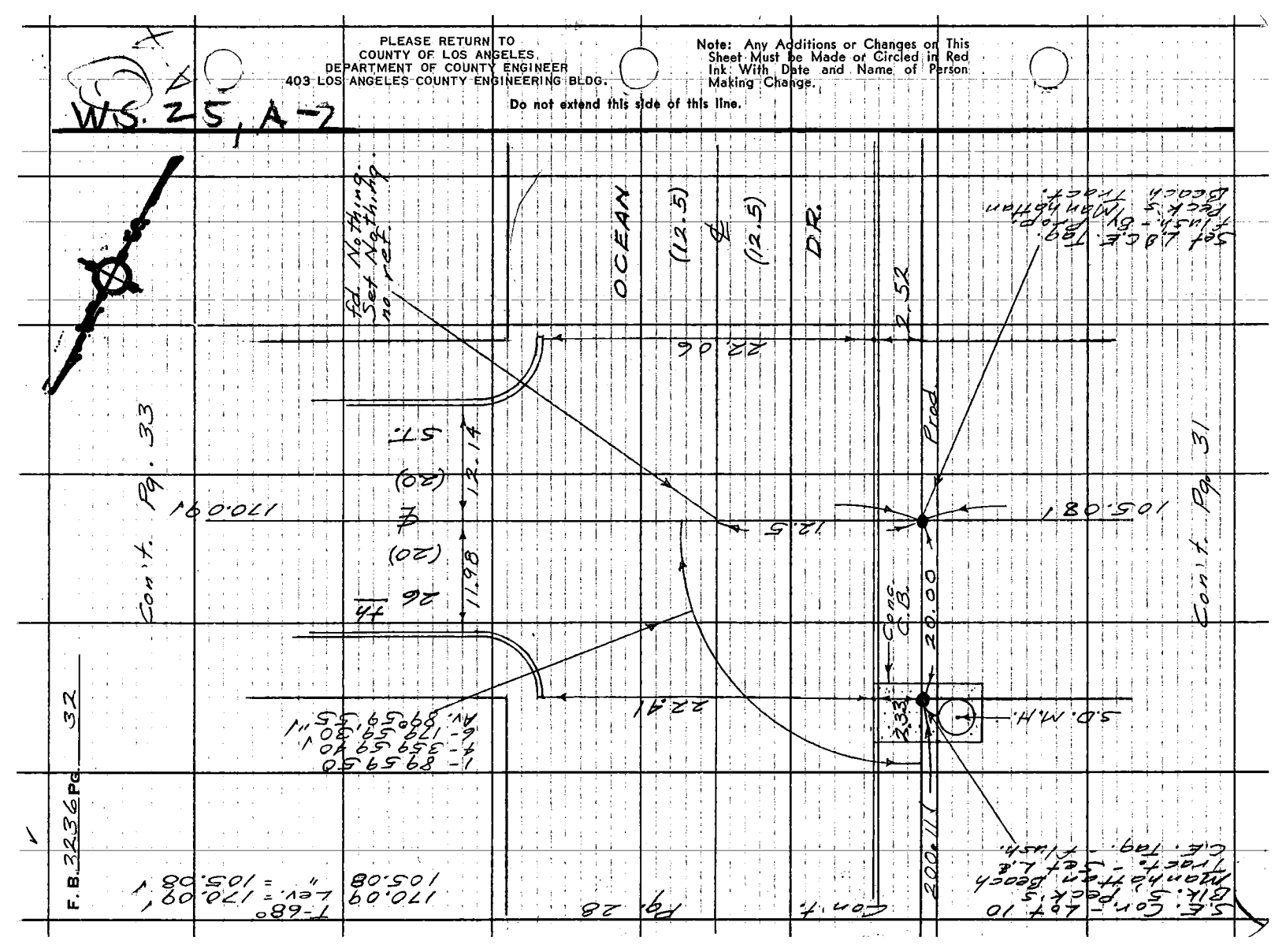
W.S. 25, A-7



Notes Ck'd by G. D. BAILEY		Survey of Dept. of Beaches	F. B. 3236 PG. 33
Map No. B-5101		JN0018.30 Tape 202 Std 68 °F	
Office Work M. HAMASU		Surveyed by English	
Checked G. D. BAILEY		Notes Ed. Date 3-70	
Date APR 8 '70		Indexed C. J. GALT MAR 11 '70	

W.S. 25, A-2

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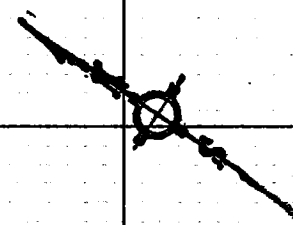
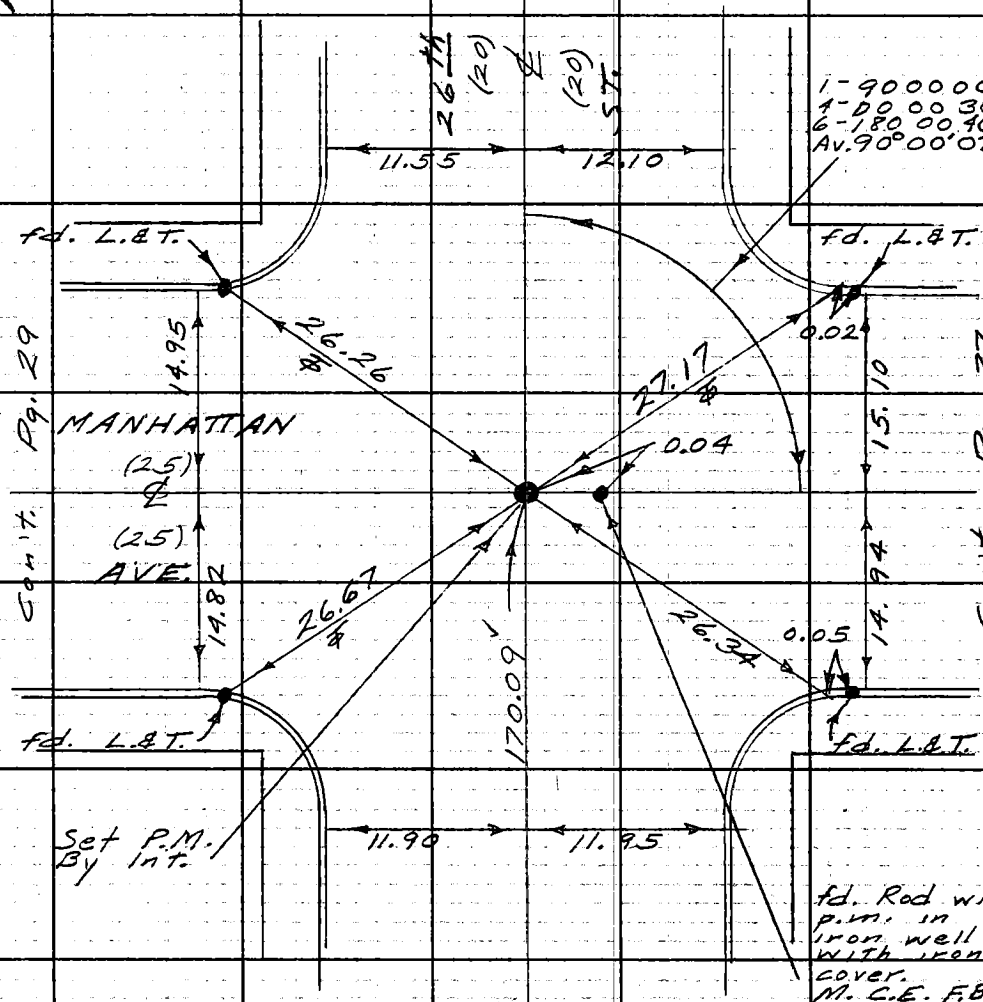
Con't. Pg. 30

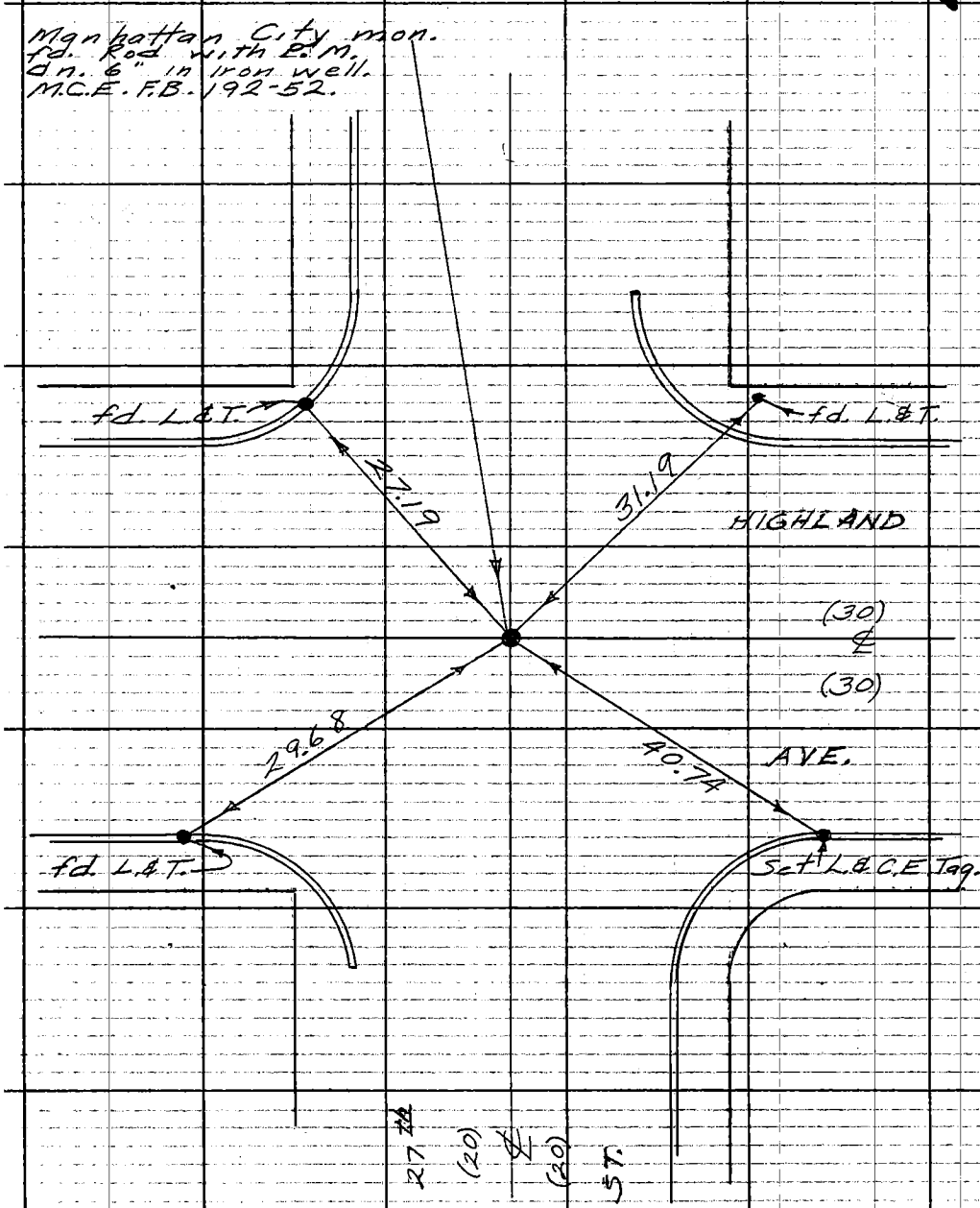




Con't. Pg. 32

F. B. 3236 PG. 34

WS 25, A-2



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Con't. Pg. 29

Notes Ck'd by G. D. BAILEY		Survey of Dept. of Beaches	F. B. 3236 PG. 35
Map No. B-5101		JN 0018.30 Tape 202 Std. 68 °F	
Office Work M. HAMASU		Surveyed by English	
Checked G. D. BAILEY		Notes Ed. Date 3-70	
Date APR 8 '70		Indexed C. L. GALE APR 11 '70	

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Torrance B-1
fd. Std. 4" br. tab. in conc.
marked " L.A. Co. Sur. Cont. Sys. - Trav. Sta. Torrance B-1. R.E. 2177 1939 ". dn. 12"
F.B. 925-35.

Trav. Line

T-58°
57.13 Lev. = 57.13

Geodetic Tie:
Set 1X2 @ N.
Flush.
By Int.

℄ Prod. 57.13
26th St.

Cont. Pg. 31

445.10

T-60°
445.12 Lev. = 445.10

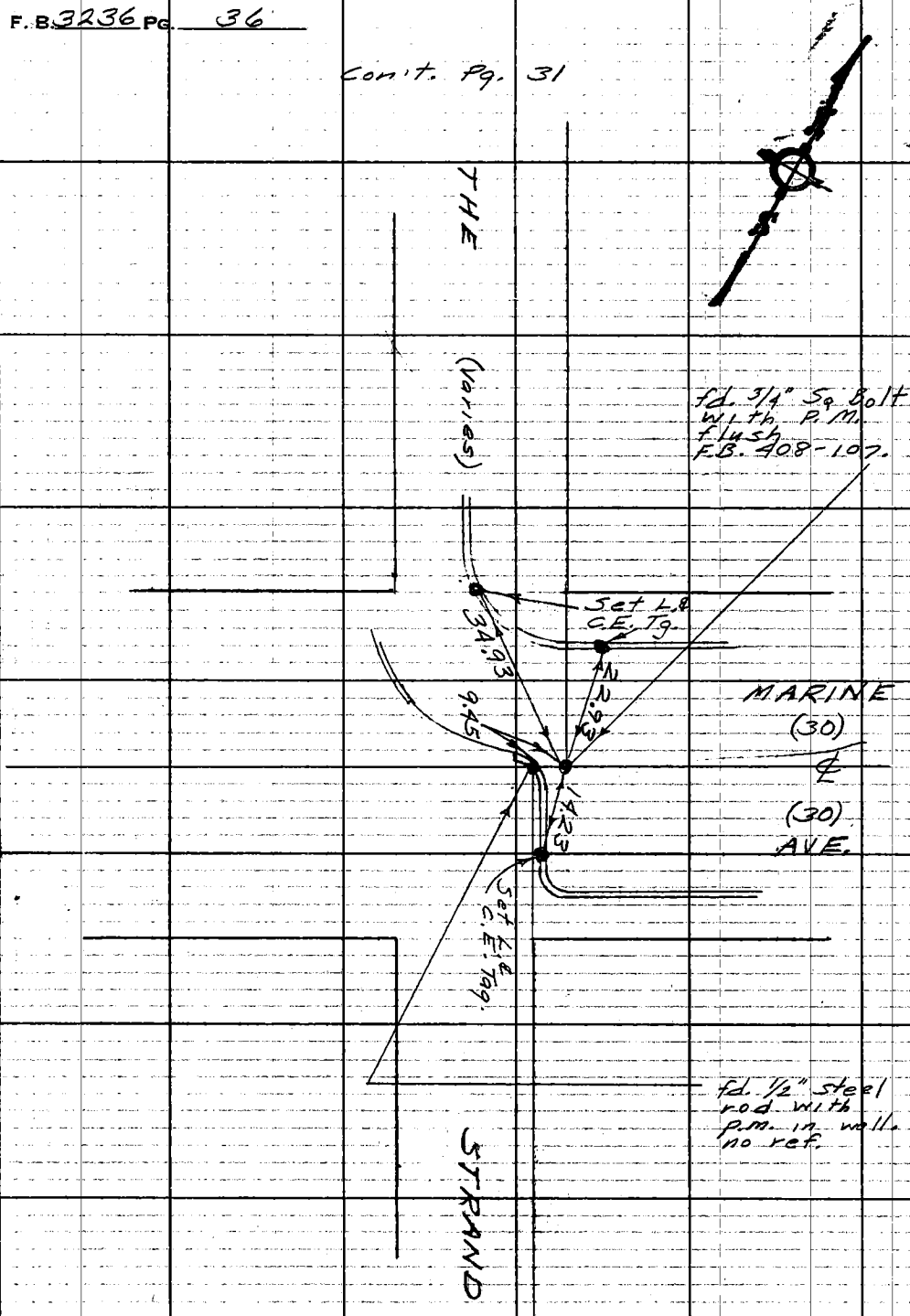
1 - 92 20 50
4 - 09 23 20 ✓
6 - 194 05 00 ✓
Av. 92° 20' 50" ✓

Torrance - C-1 A
Trav. Sta. - fd.
Std. 4" br. tab. in conc.
marked " L.A. Co. Sur. Cont. Sys. - Trav. Sta. Torrance - C-1 A, 1939, R.E. 2177 ". dn. 12".
F.B. 925-33.

16F309S CE#310 3-68

F.B. 3236 PG. 36

Con't. Pg. 31



MS 25 H-3

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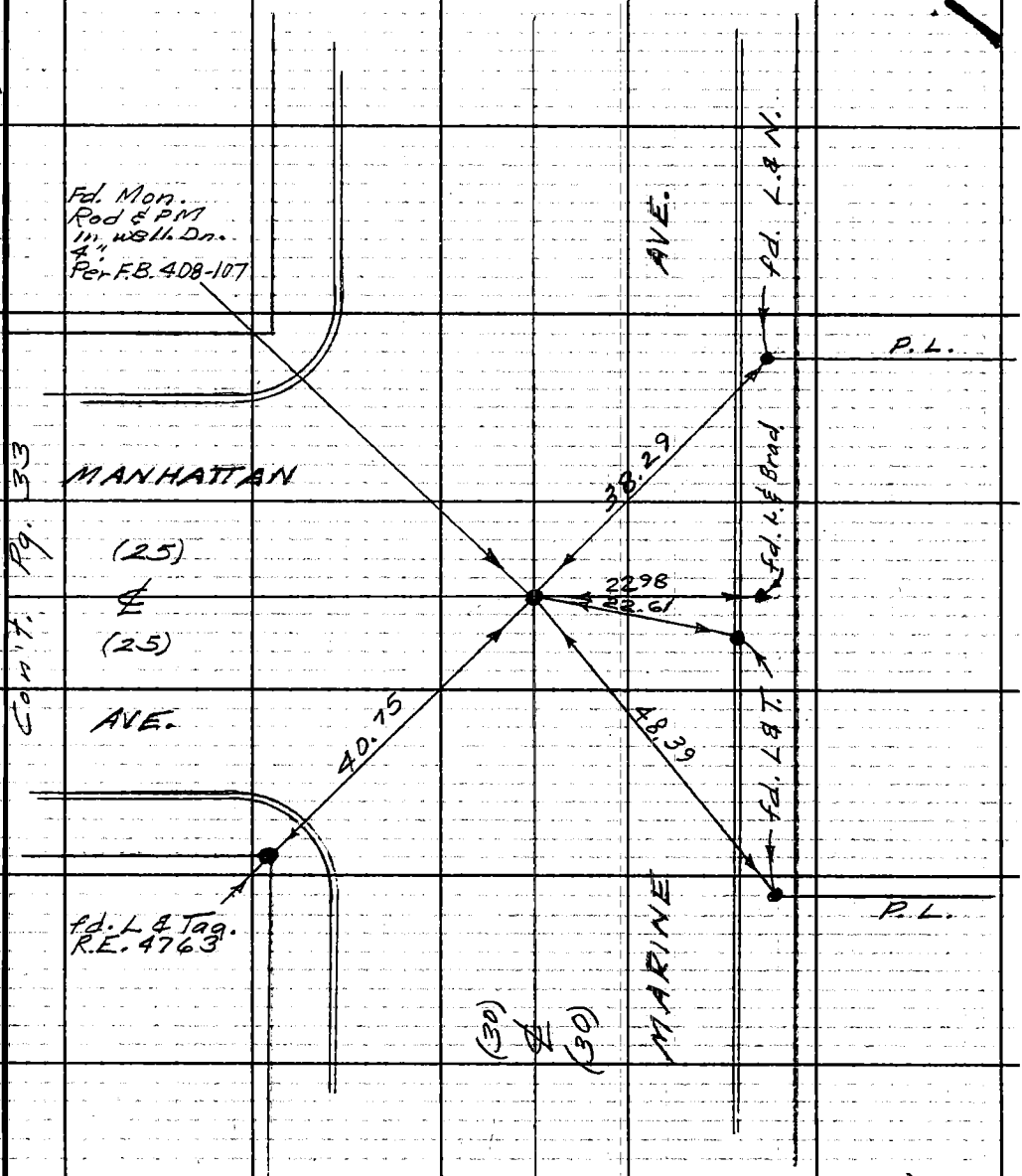
Notes Ck'd by G. D. BAILEY	Survey of Dept. of Beaches
Map No. B-5101	JN 0018.30 Tape 202 Std 68 °F
Office Work M. HAMASU	Surveyed by English
Checked G. D. BAILEY	Notes Ed. Date 3-70
Date APR 8 '70	Indexed B. J. GALLI APR 11 '70

F. B. 3236 PG. 37

W 525, A-3



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76F309S CE#310 3-68

NOTES RED. JOB NO. 9900.02 SURVEY OF ADMIN. HDQTRS. BLDG. | F. B. PG. 39

DATE SURVEY BY R.B. HOBSON

NOTES CHKD. R. MANOR NOTES BY R.B.H. DATE 9-24-70

DATE OCT 1 1970 INDEXED G. J. GALLI DATE SEP 29 70

DESCRIPTION

MANHATTAN BEACH

ADMINISTRATION HDQTRS BLDG, DEPT OF BEACHES

J.N. 9900.02

DATUM CHECK BETWEEN B.M.S-L AND MANHATTAN BEACH B.M. @ N.W. COR. OF MANHATTAN AVE. & 26TH ST.

DATUM = M.S.L.

REF.: LETTER #

SEPT. 24TH, 1970
HOBSON
YASUI
CROWDER
BANKSON

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.

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765420 S & E-353 9-55

765420 S & E-353 9-55

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NOTES RED. DATE
NOTES CHKD. DATE
JOB NO. 990002 SURVEY OF ADMIN. HDQTRS. BLDG.
SURVEY BY R.S.H. DATE 9.24.70
NOTES BY R.S.H. DATE
INDEXED G.T. GALLI DATE
F.B. PG. 40

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
S-4	24.956	(DATUM = M.L.L.W.)				B.M. S-4 EL = 24.956 F.B. 2100-254
						1" I.P., CONC. CTR. E, TK., 24" OP.
	- 2.80	(ADJ. TO M.S.L.)				— DATUM M.L.L.W. —
S-4	22.156	(DATUM = M.S.L.)				B.M. S-4 EL = 22.156 (DATUM = M.S.L.)
+	6.028		6.050			SEE ABOVE.
=	28.184	+5.256	+5.257			
-	0.772		0.793			
T.P.	27.412					
+	5.547		5.502			
=	32.959	+5.141	+5.142			
-	0.406		0.360			
T.P.	32.553					
+	5.995		6.038			
=	38.548	+5.817	+5.820			
-	0.178		0.218			
T.P.	38.370					
+	6.172		6.203			
=	44.542	+4.352	4.351			
-	1.820		1.852			
T.P.	42.722					T.P. (C/L E.T. @ S.E. PROP. COR. ~ W.P/L
+	6.199		6.172			OCEAN DR., 20' N. OF E PROP. OF
=	48.921	+6.097	6.098			26TH ST. FROM E.)
-	0.102		0.074			
T.P.	48.819					
+	6.200		6.139			
=	55.019	+5.568	+5.569			
-	0.632		0.570			
T.P.	54.387					

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	54.387					
+	6.193		6.209			
⊼	60.580	+5.366	+5.368			[Tie to CL, no Elev., obtainable.
-	0.827		0.841			Isn't a B.M. (Oct. 1, 1970 R.M.)]
B.M. ?	59.753				59.755	B.M. ? (CITY OF MANHATTAN BEACH)
+	5.973		6.063			ELEV = 59.755
⊼	65.726	+2.216	+2.216			MANHATTAN AVE. & 26TH ST. N.W. COR
-	3.757		3.847			L.&TK. IN CB. 2'± N. OF N. END C. RETURN.
T.P. #2	61.969					T.P. ~ L&T., MANHATTAN AVE & 27TH ST.,
+	0.319		0.268			S.W. COR., IN CB. RET., 5'± N'LY OF S. END
⊼	62.288	-5.823	-5.823			CB. RET.
-	6.142		6.091			
T.P.	56.146					T.P.
+	0.159		0.078			
⊼	56.305	-6.014	-6.014			
-	6.173		6.092			
T.P.	50.132					T.P.
+	0.157		0.173			
⊼	50.289	-5.921	-5.922			
-	6.078		6.095			
T.P. #3	44.211					T.P. ~ "P.K." IN PVMT., S. SIDE 27TH ST., 2'±
+	1.599		1.547			N. OF S. CB. 11'± E. OF E.P/L. OCEAN DR.
⊼	45.810	-4.613	-4.614			
-	6.212		6.161			
T.P.	39.598					
+	0.229		0.179			
⊼	39.827	-4.940	-4.940			
-	5.169		5.119			
T.P.	34.658					

NOTES RED _____ JOB NO. 9900.02 SURVEY OF ADMIN. HQTRS. BLDG. F.B. _____ PG. 41
DATE _____ SURVEY BY R.B. HOBSON
NOTES CHKD. R. MANOR NOTES BY R.B.H. DATE 9-24-70
DATE OCT 1 1970 INDEXED C.J. GALLI DATE

765420 S & E-353 9-55

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32.50
2.80
35.30

JOB NO. 9100.02 SURVEY OF ADMIN. HOSPITAL BLDG. NOTES RED. DATE
SURVEY BY R.B. LOBSIG / NOTES CHKD. DATE
NOTES BY R.B.L. DATE 9-24-70
INDEXED C.J. GALLI DATE

MAINTENANCE SECTION

F.B. Pg. 42

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	34.658					T.P.
+	0.962		1.008			
≍	35.620	-2.169	-2.167			
-	3.131		3.175			
T.B.M.#1	32.489				32.493	(ELEV. = 32.50 M.S.L. DATUM) T.B.M.#1 ELEV. = 35.30 - F.B. 2100-54 - M.L.L.W. DATUM
+	0.737		0.658			
≍	33.226	-4.928	-4.929			
-	5.665		5.587			
T.P.	27.561					
+	0.300		0.265			
≍	27.861	-5.409	-5.408			
-	5.709		5673			(ELEV. = 22.156 - M.S.L. DATUM)
S-4	22.152				22.156	B.M. S-4 ELEV. = 24.956 F.B. 2100-25 (SEE PG 2 FOR DESCR.) DATUM: M.L.L.W.

Profile No. | Notes Red | Plotted | Job No 9900.02 | Division No. 11 | F.B. 3236 | Pg. 43
X-Sec. No. | Date | Date | Survey of MANHATTAN BEACH - ADMIN. HDQTRS. BLDG.
Notes Chkd. | Checked | Survey by HOBSON | Notes RBH | Date 9-24-70
Date | Date | Map No. | Indexed C. J. GALLI | Date SEP 29 '70

MANHATTAN BEACH

ADMINISTRATION HEADQUARTERS BUILDING

DEPT. OF BEACHES

J.N. 9900.02

BENCH LEVELS TO ESTABLISH ELEV.'S ON TOP OF CONC. BLOCK WALL @ 4 CORNERS OF PARKING LOT BOUNDED BY MANHATTAN AVE., 27TH ST., OCEAN DR. AND 26TH ST.

SEPT. 24TH, 1970
HOBSON
YASUI
CROWDER
BANKSON

STATION	B.S.	H.I.	F.S.	ELEV.
			—	

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76L-298 CE 307 11-58

76L-266 CE 307 11-56

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F.B. 3256 Pg. 44 | Job No. 9900.02 Division No. 11 Notes Red Plotted Profile
Survey of MANHATTAN BEACH - ADMIN. HGTS. BLDG. Date Date No. X-Sec.
Survey by HOBSON / Notes E.B.H. Notes Chkd. Checked
Indexed C. J. GALLI Date Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV		
T.P. #1	10 90	53 66		42 72	T.P. #1 EL. = 42.722 UNADJ. F.B. -2 C.E.T. @ S.E. PR. COR.	
			10 53	43 13	T.C. N.E. COR OCEAN DR. & 26TH ST. N. END C.B.	
			1 20	52 42	TOP WALL " " " " " (2" CAP NOT INCL.	
T.P. #1			10 90	42 72	T.P. #1 EL = 42.722 UNADJ. F.B. -2 SEE ABOVE	
B.M. ?	4 77	64 52		59 75	B.M. ? ELEV. 59.753 (UNADJ.) (CITY MANHATTAN BEACH F.B. -3) C.E.T.	
			0 68	63 84	TOP WALL N.W. COR MANHATTAN AVE & 26TH ST. (2" CAP NOT INCLUDED)	
B.M. ?			4 77	59 75	B.M. ? EL = 59.753 (CITY MANHATTAN BEACH F.B. -3) SEE ABOVE	

76L-298 CE 307 11-58

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STATION	B.S.	H.I.	F.S.	ELEV.		
T.P. #2	4 71	66 68		61 97	T.P. #2 ELEV. = 61.969 F.B. -3 C.&T. MANHATTAN AVE. & 27TH ST., S.W. COR.	
			0 99	65 69	TOP WALL S.W. COR MANHATTAN AVE. & 27TH ST. (2" CAP NOT INCLUDED)	
			4 71	61 97	T.P. #2 ELEV. = 61.969 F.B. -3 SEE ABOVE.	
T.P. #3	9 98	54 19		44 21	T.P. #3 ELEV. = 44.211 F.B. -3 "PK" IN PVT. S. SIDE 27TH ST. 2'± N. OF S. CB.	
			1 91	52 28	TOP WALL S.E. COR. OCEAN DR. & 127TH ST (2" CAP NOT INCLUDED)	
			9 98	44 21	T.P. #3 ELEV. = 44.211 F.B. -3 SEE ABOVE	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 9900.02 Division No. ____ F.B. 3236 PG. 45
X-Sec. No. ____ Date ____ Date ____ Survey of MANHATTAN BEACH - ADMIN. HDQTRS. BLDG.
Notes Chkd. ____ Checked ____ Survey by HOBSON Notes R.A.H. Date 9-24-70
Date ____ Date ____ Map No. ____ Indexed G. J. GALLI Date ____

Notes Ck'd by J. Cavataio	Survey of Hermosa Bch. Pier
Map No. B-5115	JN 0077.38 Tape 0260 Std 68 °F
Office Work G. H. BOYER	Surveyed by D. S. FOULGER
Checked J. Cavataio	Notes P.F. Date 7-6-70
Date NOV 4 76	Indexed C. L. GALLI JL 15 70

F.B. 3236 PG 51

HERMOSA BEACH PIER

TIE

TO

CENTER LINE OF STREETS

SURVEY

J.N. 0077.38

References listed:

M.B. 1-25-26

Chas. F. Saunders map 3-85 (FM 21190)

H-226

F.B. 2100-20, 21

Party:

D. FOULGER

A. CARO

G. TOLLISON

F. DERBY

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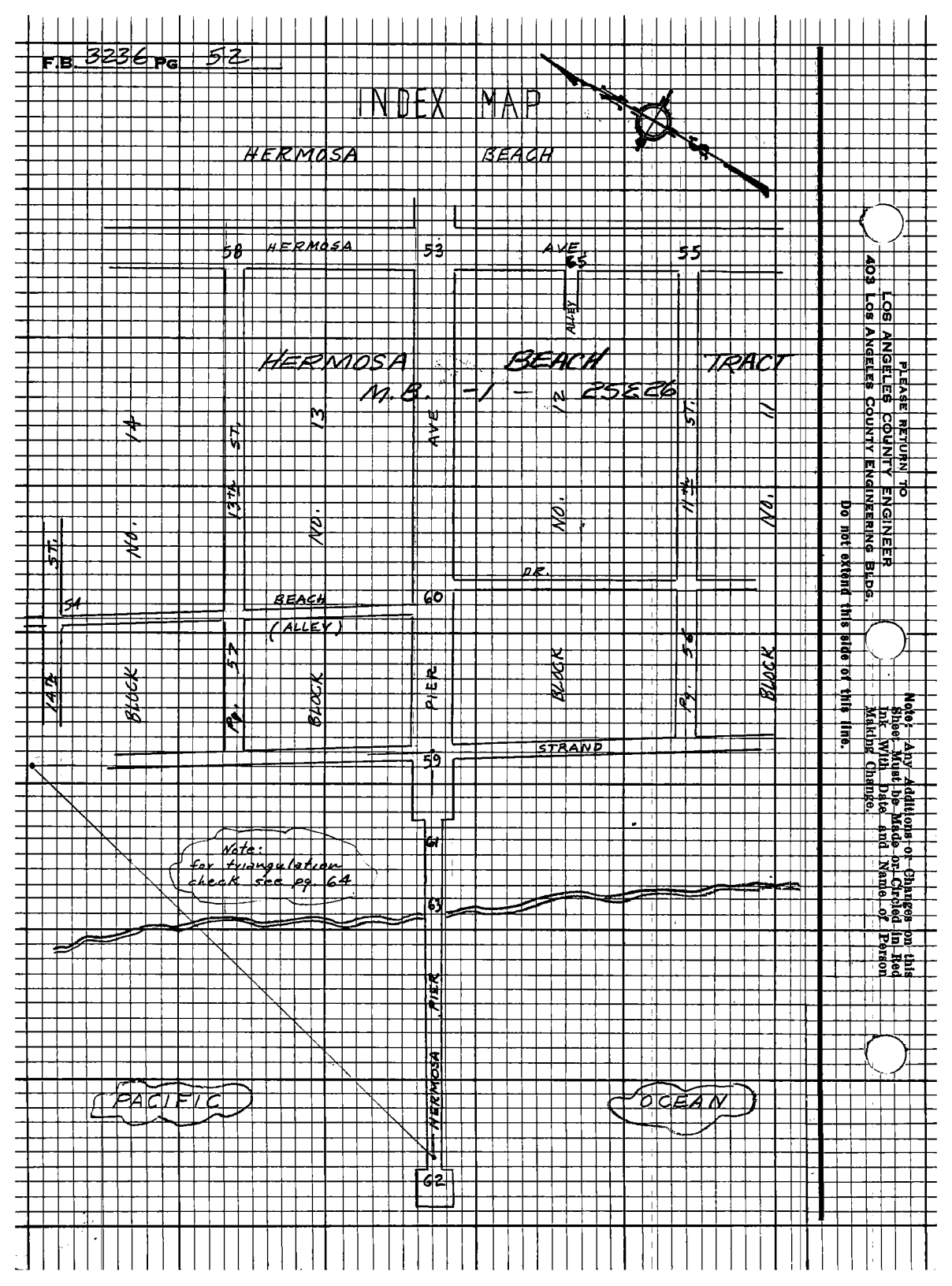
76E3098 CE#310 9 67

F.B. 3236 PG 52

INDEX MAP



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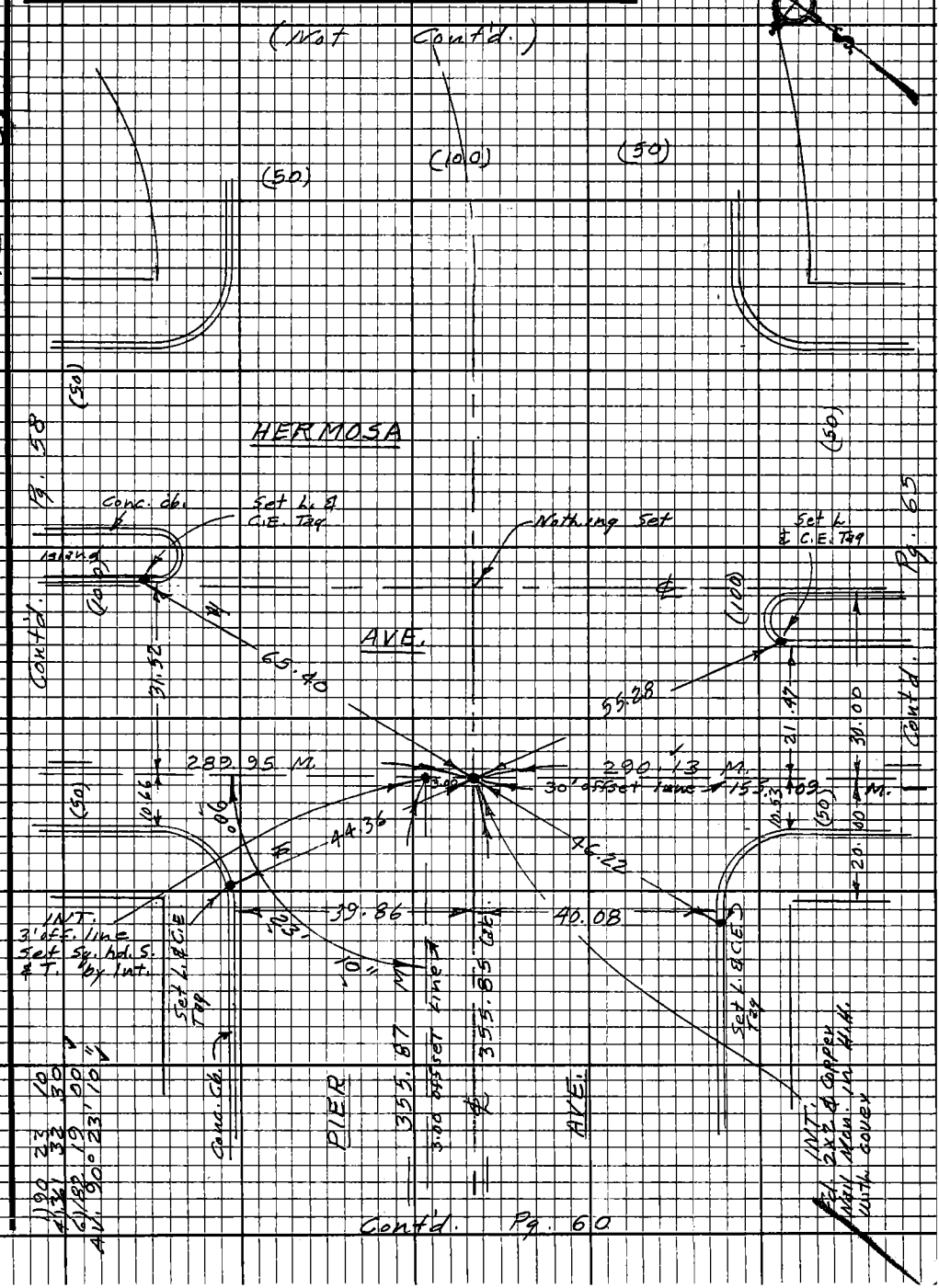
Notes Ck'd by J. Cavatalo	Survey of Hermosa Bch Pier
Map No. B-5115	JN 0077.38 Tape 0260 Std 68 °F
Office Work G. H. BOYER	Surveyed by D. S. FOULGER
Checked J. Cavatalo	Notes D. F. Date 3-7-70
Date NOV 4 70	Indexed C. J. GALLI

F.B. 3236 PG. 53

W.S. 2S, A-4



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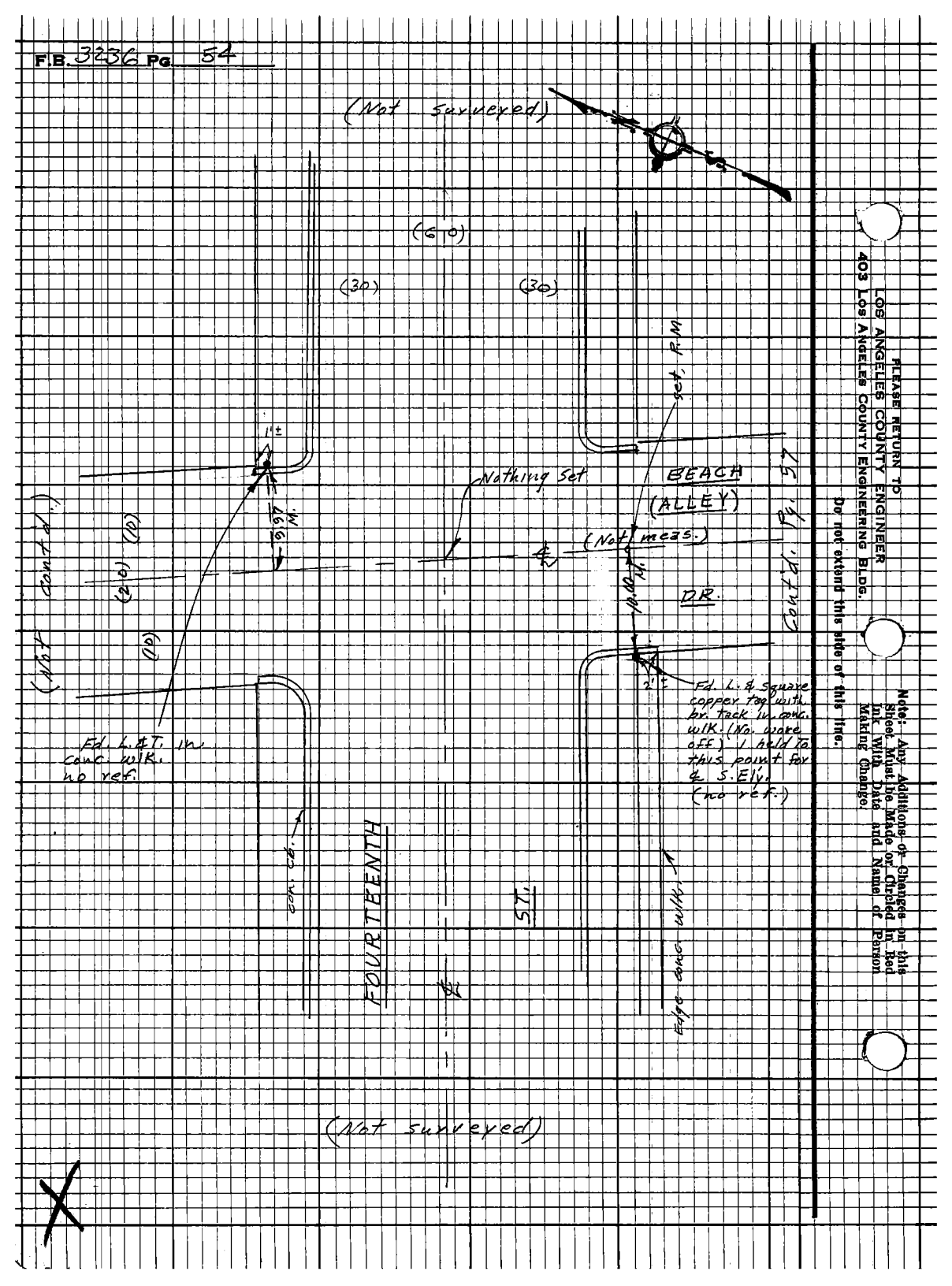
76F6098 CE#310 9.67

F.B. 3236 Pg. 54



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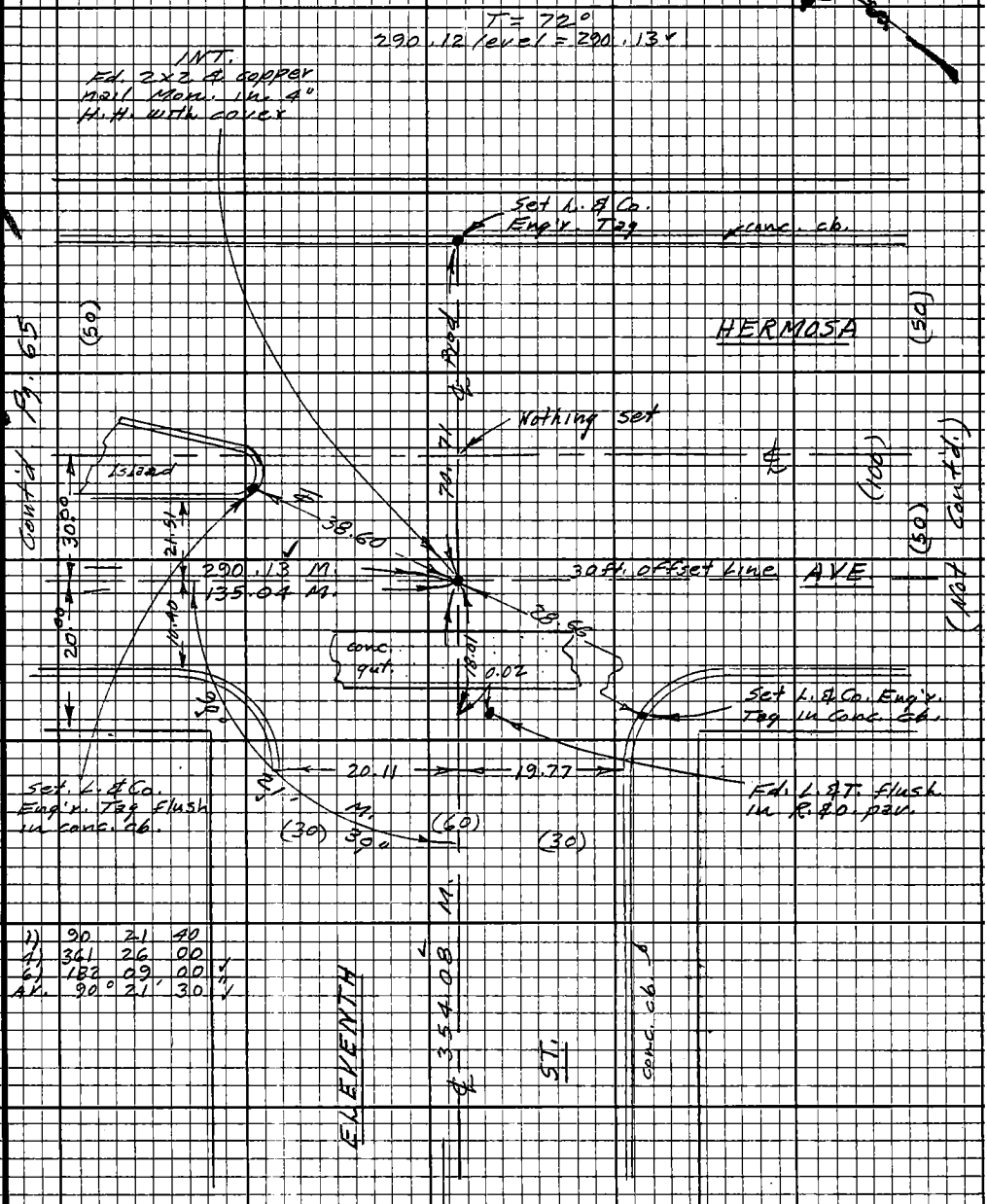
Notes Ck'd by J. Cavataio	Survey of Hermosa Bch. Pier
Map No. B-5115	JN 0077.38 Tape 0260 Std 68°F
Office Work G. H. BOYER	Surveyed by D. S. FOULGER
Checked J. Cavataio	Notes D. F. Date 7-6-70
Date NOV 4 70	Indexed C. J. GALLI

F.B. 3236 PG. 55



1)	90	21	40
4)	361	26	00
6)	182	09	00
AV.	90°	21'	30"

Contd. Pg. 56

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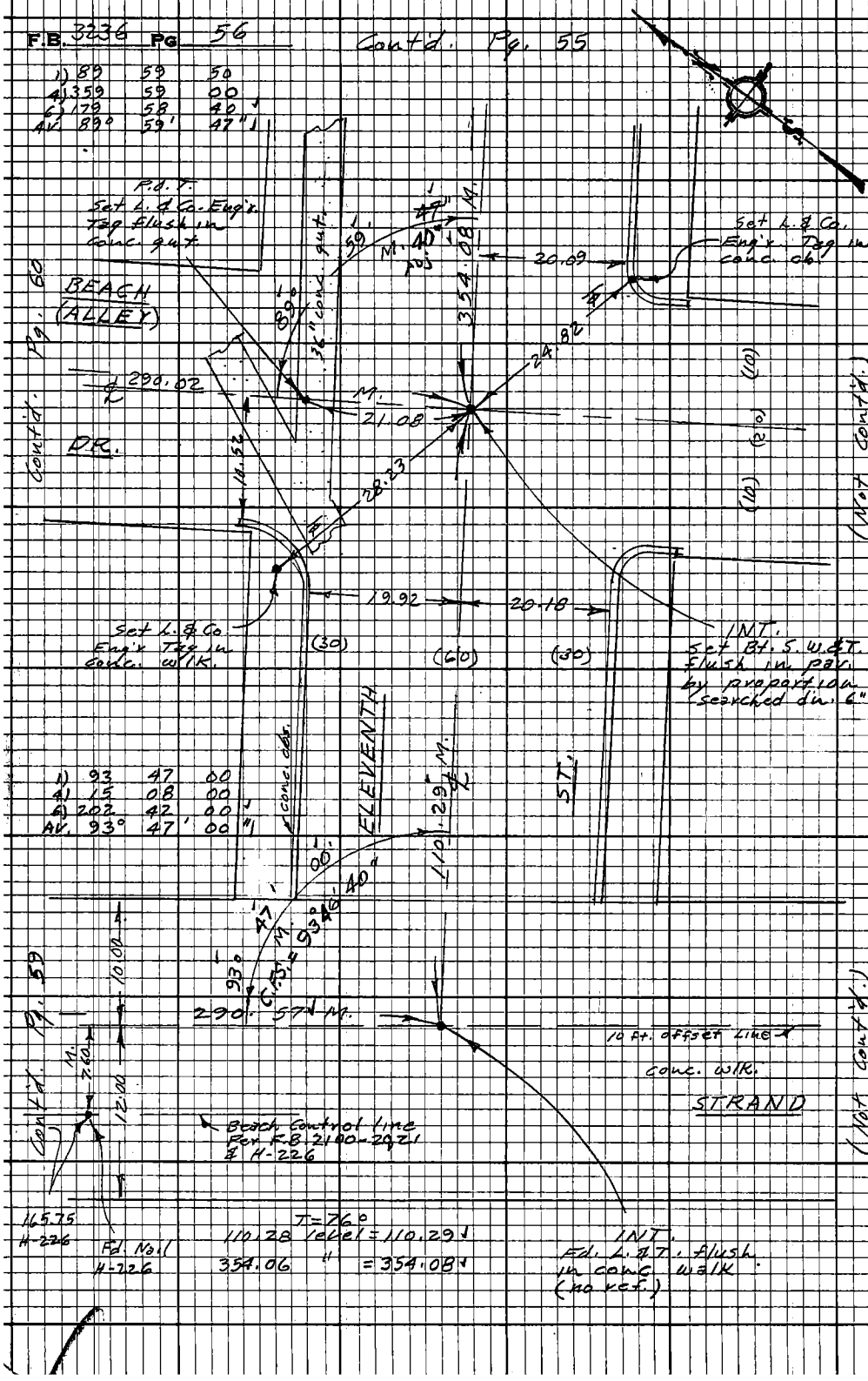
76F3093 CE #310 9.67

F.B. 3236 PG 56

Cont'd. Pg. 55

1)	89	59	50
4)	359	59	00
6)	179	58	40
AV.	89°	59'	47"



1) 93 47 00
4) 15 08 00
6) 202 42 00
AV. 93° 47' 00"

WS 254-4

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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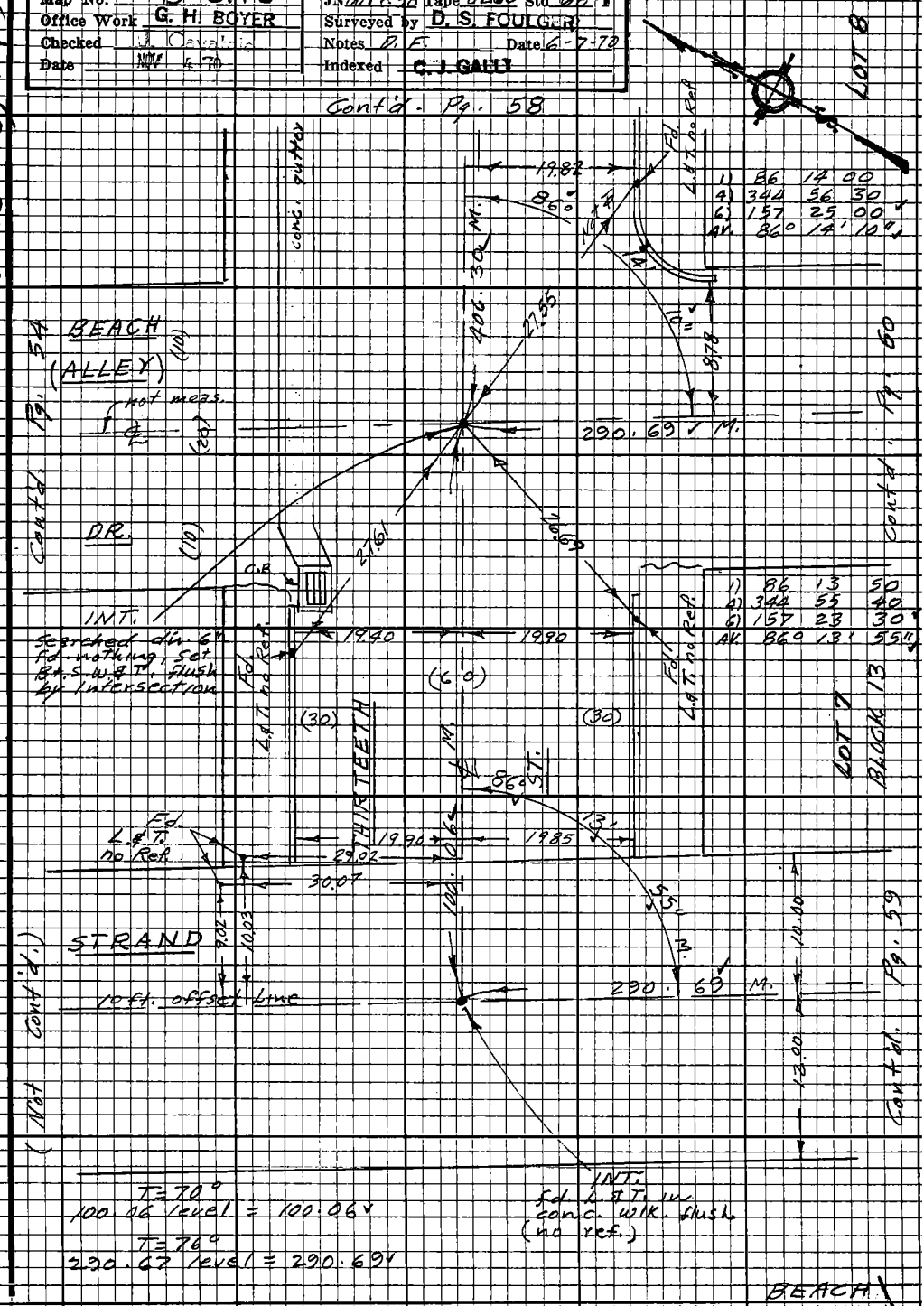
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by J. Cavataio	Survey of Hermosa Bch. Pier
Map No. B-5115	JN 007738 Tape 0260 Std 68°F
Office Work G. H. BOYER	Surveyed by D. S. FOULGER
Checked J. Cavataio	Notes D. F. Date 6-7-70
Date NOV 4 70	Indexed C. J. GALLY

F.B. 3236 PG. 57

Cont'd. Pg. 58



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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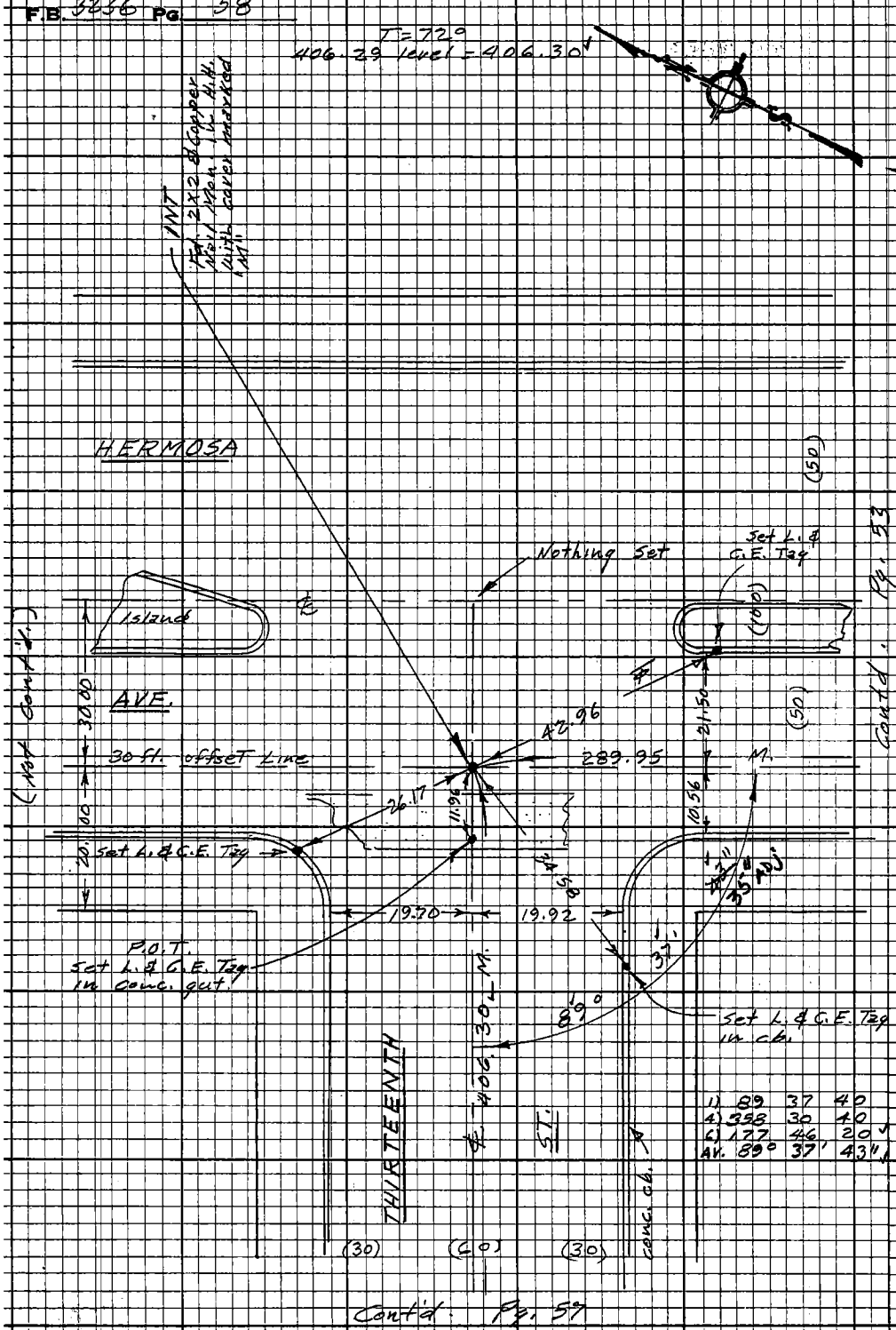
76F3093 CE #310 9-67

F.B. 3236 PG. 58



1) 89 37 40
4) 358 30 40
6) 177 46 20
AV. 89° 37' 43"

WS 25, A-4

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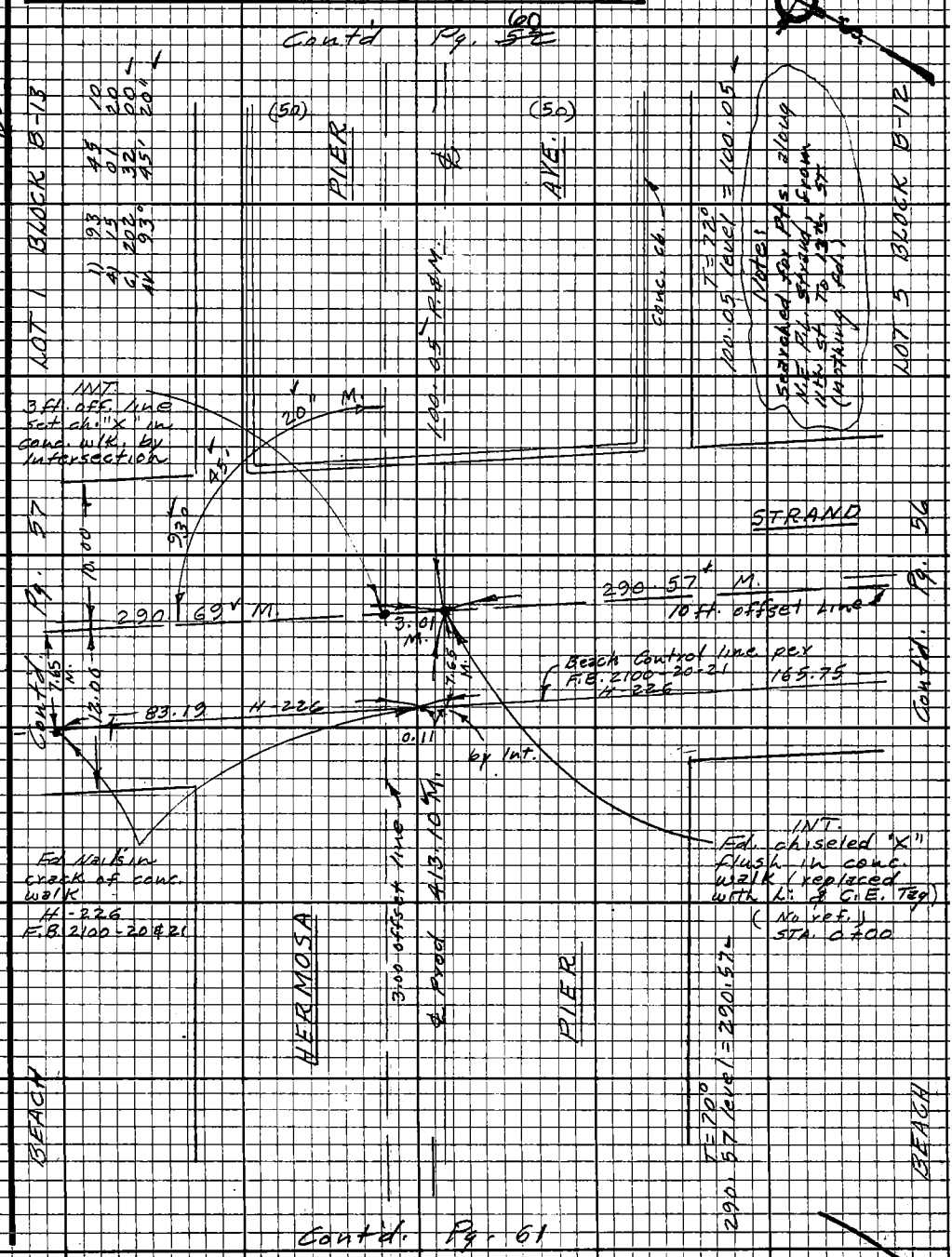
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by J. Cavatain	Survey of Hermosa Bch. Pier
Map No. B 5115	JN 007738 Tape 0260 Std 68 °F
Office Work G. H. BOYER	Surveyed by D. S. FOULGER
Checked J. Cavatain	Notes D.E. Date 7-7-70
Date [illegible]	Indexed C. J. GALLI

F.B. 3236 PG. 59



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

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76F309B CE #310 9 67

Contd. Pg. 53

Contd. Pg. 59

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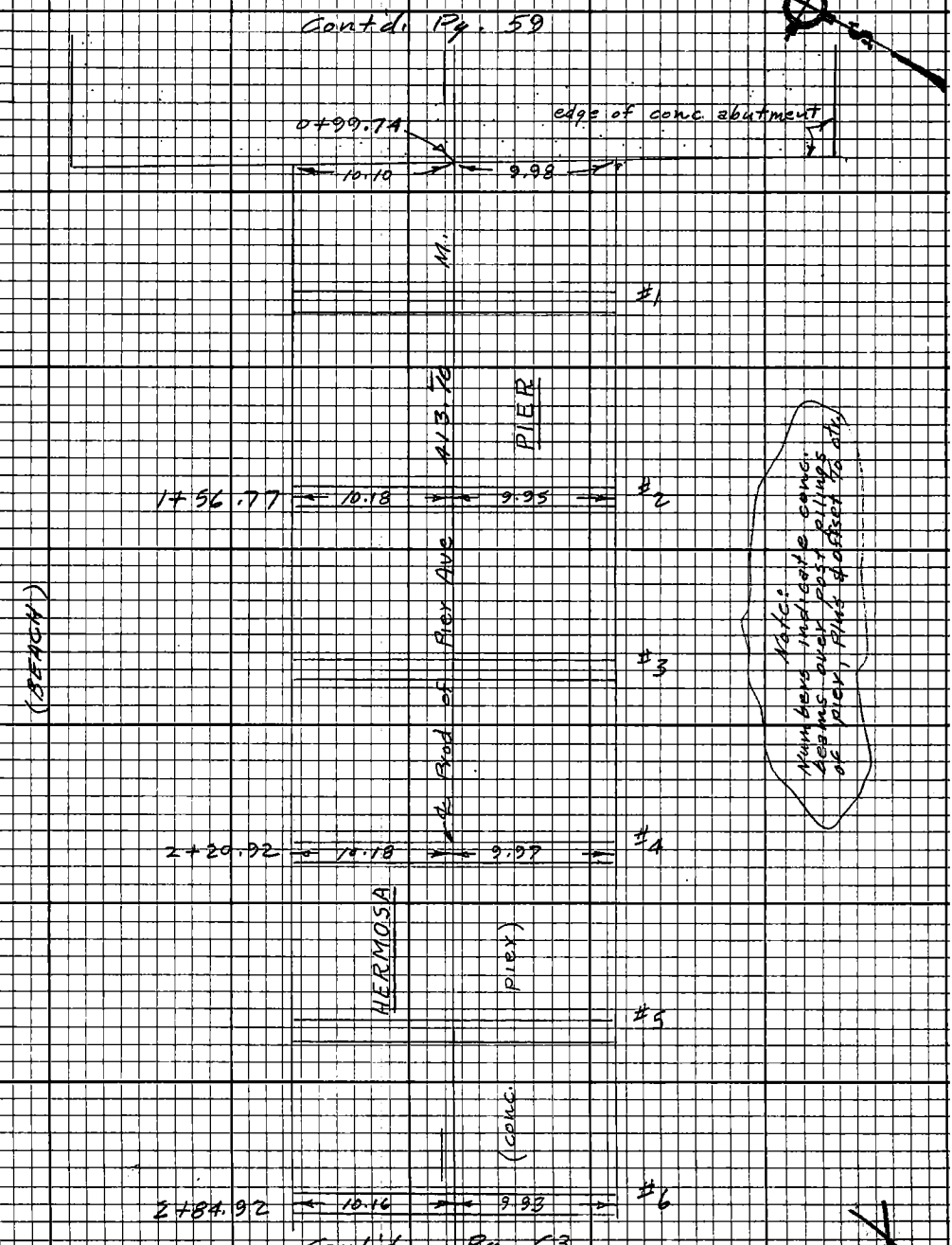
Note: Any Additions or Changes on this Sheet Must be Made or Circled In Red Ink With Date and Name of Person Making Change.

Notes Ck'd by J. Cavataio	Survey of Hermosa Bch. Pier
Map No. B-5115	JN 0077.39 Tape 0260 Std 68°F
Office Work G. H. BOYER	Surveyed by D. S. FOULGER
Checked J. Cavataio	Notes D. F. Date 7-3-70
Date NOV 4 '70	Indexed C. J. GALLI

F.B. 3236 PG. 61



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

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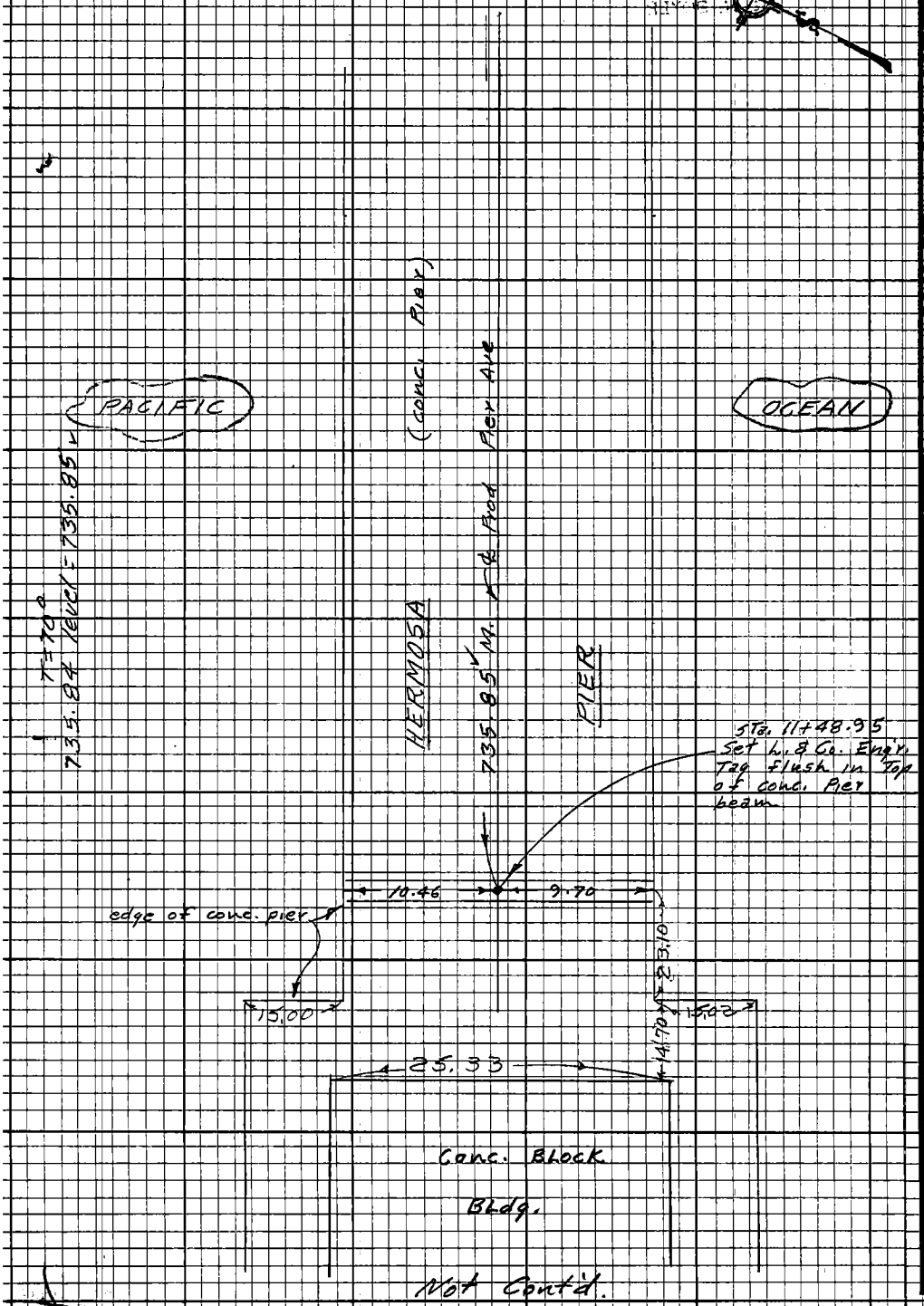
16F309B CE #310 9.67

F.B. 3236 Pg 62

Cont'd. Pg. 63



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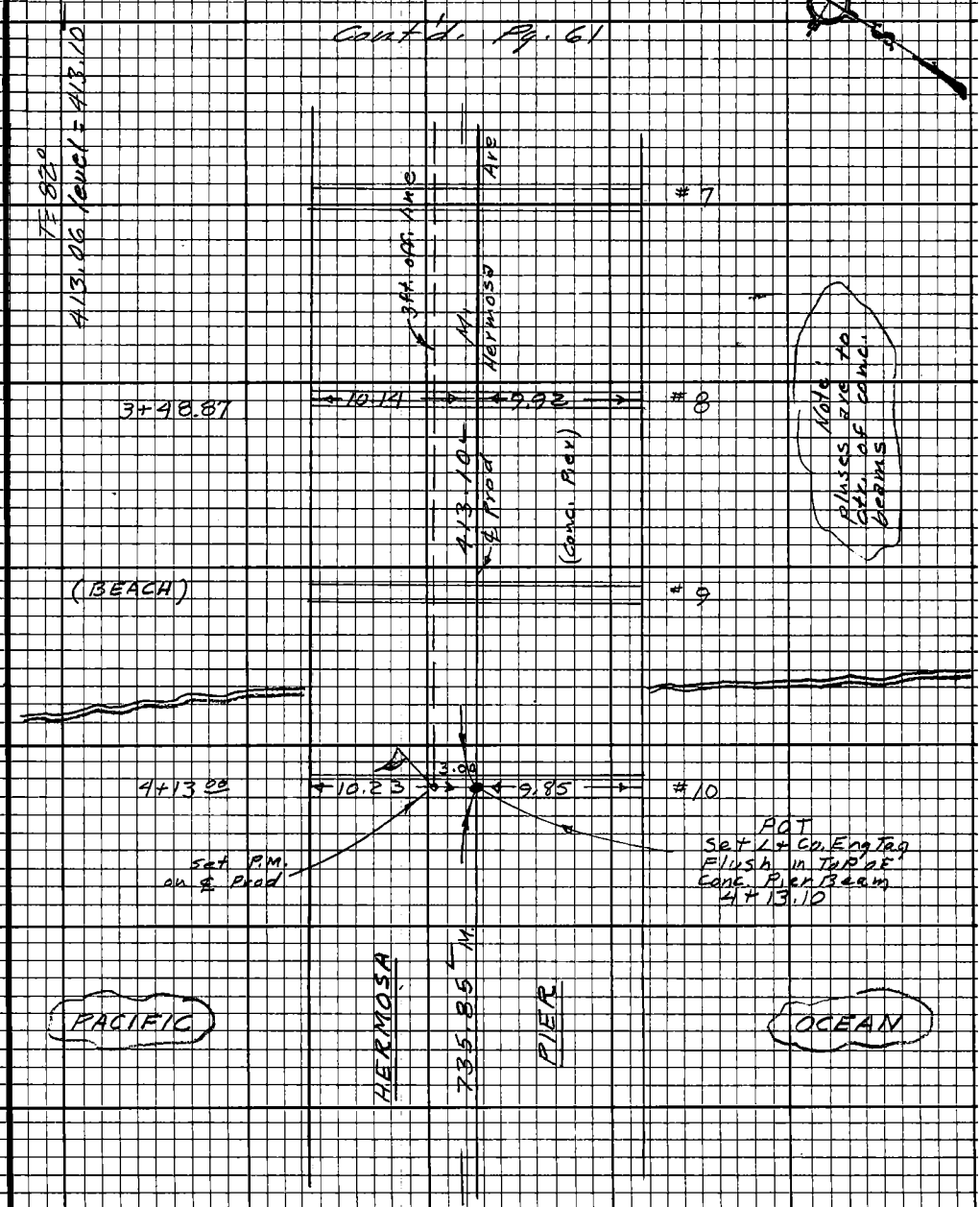
Notes Ck'd by J. Cavataio	Survey of Hermosa Bch. Pier
Map No. B-5115	JN 0077-38 Tape 0260 Std 68°F
Office Work G. H. BOYER	Surveyed by D. S. FOULGER
Checked J. Cavataio	Notes D. F. Date 7-8-70
Date NOV 1 '70	Indexed C. J. GALLI

F.B. Pg. 63



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

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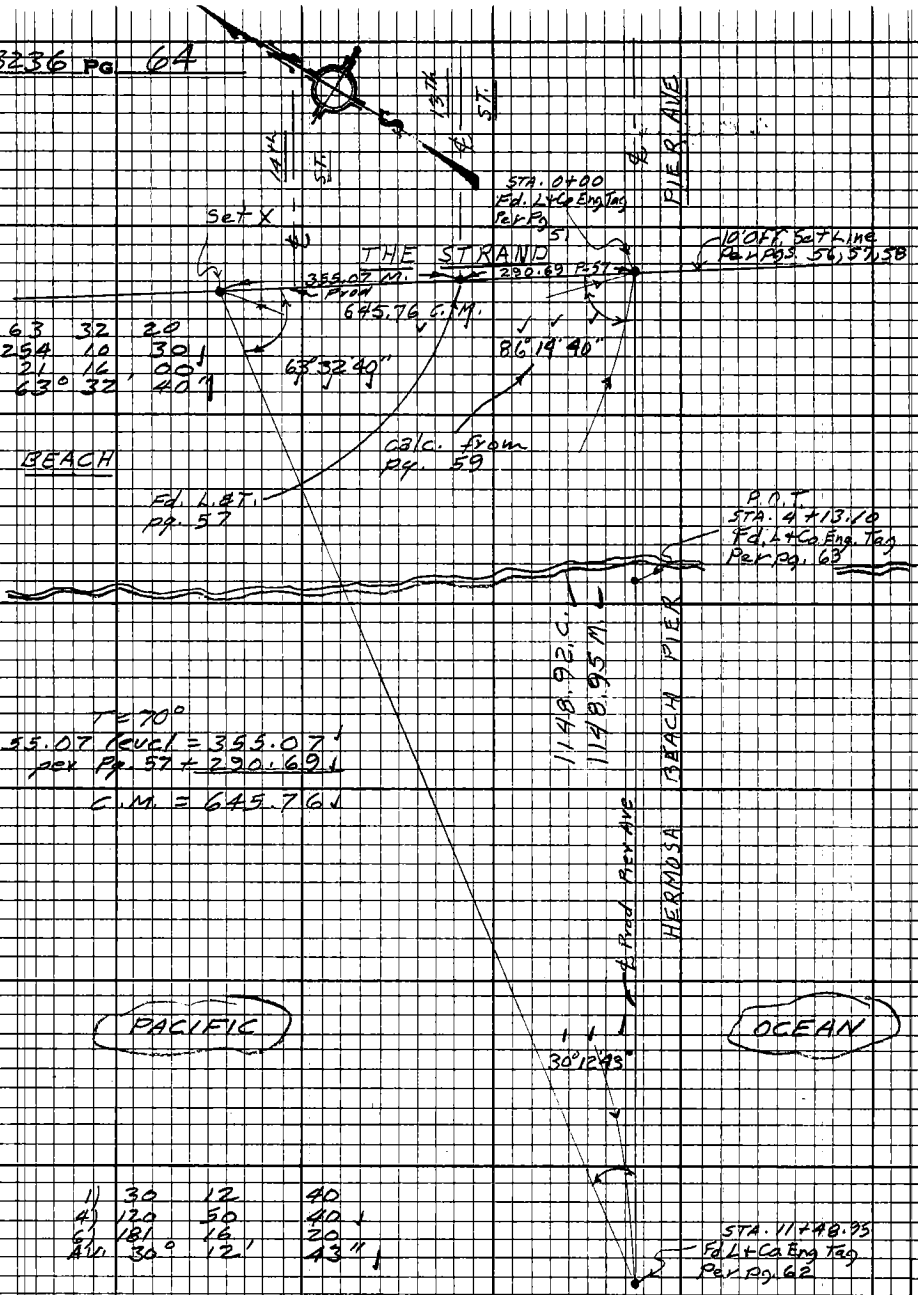
403 Los Angeles County Engineering Bldg.

76F3098 CE#310 9-67

F.B. 3236 Pg. 64



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403 Los Angeles County Engineering Bldg.

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

Notes Ck'd by J. Cavataio	Survey of Hermosa Bch. Pier
Map No. B-5115	JN 0077.38 Tape 0260 Std 68 °F
Office Work G. H. BOYER	Surveyed by D. S. FOULGER
Checked J. Cavataio	Notes D. E. Date 7-23-70
Date NOV 4 '70	Indexed H. E. On AUG 3 '70

F.B. 3236 PG. 65

Note:
Searched for pts. along S.W. P.L. from 11th ST. to 13th ST. (Fd. nothing)
New conc. wlks from recent street improvemts.

T = 68°

155.09 level = 155.09
135.04 " = 135.04

(50)

HERMOSA

(100)

(50)

Cont'd. Pg. 53

Cont'd. Pg. 55

30' off. line

290.13

155.09 M.

135.04 M.

Fd. Nail Flush

30.00

AVE.

20.00

10.47

10.51

18.03

0.15

conc. ch

conc. wlk.

1) 90 00 00
2) 180 00 00
Av. 90° 00' 00

Fd. L & T. Flush in R & O. Pav.

(20)

ALLEY

M.B. 1-25-26

LOT 16

LOT 27

BLOCK 12

(Not Cont'd)

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76F3098 CE# 310 9.67

Notes Ck'd by	Survey of Hermosa Bch. Pier
Map No.	JN 0077.38 Tape 0260 Sta 68+F
Office Work	Surveyed by D. S. FOULGER
Checked	Notes D. S. FOULGER Date 7-27-70
Date	Indexed [illegible]

F.B. 3236 PG. 67

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LINES OF OCCUPATION

TO

CENTER-LINE TIE OF STREETS

FOR

HERMOSA BEACH PIER SURVEY

J.N. 0077.38

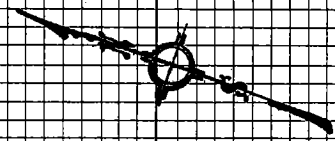
References:
F.B. 3236 - 51 To 66
M.B. 1-25-26
Chas. E. Saunders Map 3-85

PARTY:
D. FOULGER
A. CARO
G. TOLLISON
F. DERBY

76ES098 CE#310 9.67

F.B. 3236 PG 68

INDEX MAP



For ℄ Tie Survey See Pgs. 51 Through 66

HERMOSA AVE.

HERMOSA BEACH TRACT

M.B. Pg. 1 - 1 - 25 & 26

13th ST.

BLOCK 13

PIER AVE.

Pg. 75

Pg. 73

11th ST.

BLOCK 12

BEACH DR

BEACH DRIVE

Pg. 76

Pg. 70

Pg. 72

Pg. 74

Pg. STRAND 77

Pg. 78

PIER APPROACH

OCEAN

PACIFIC

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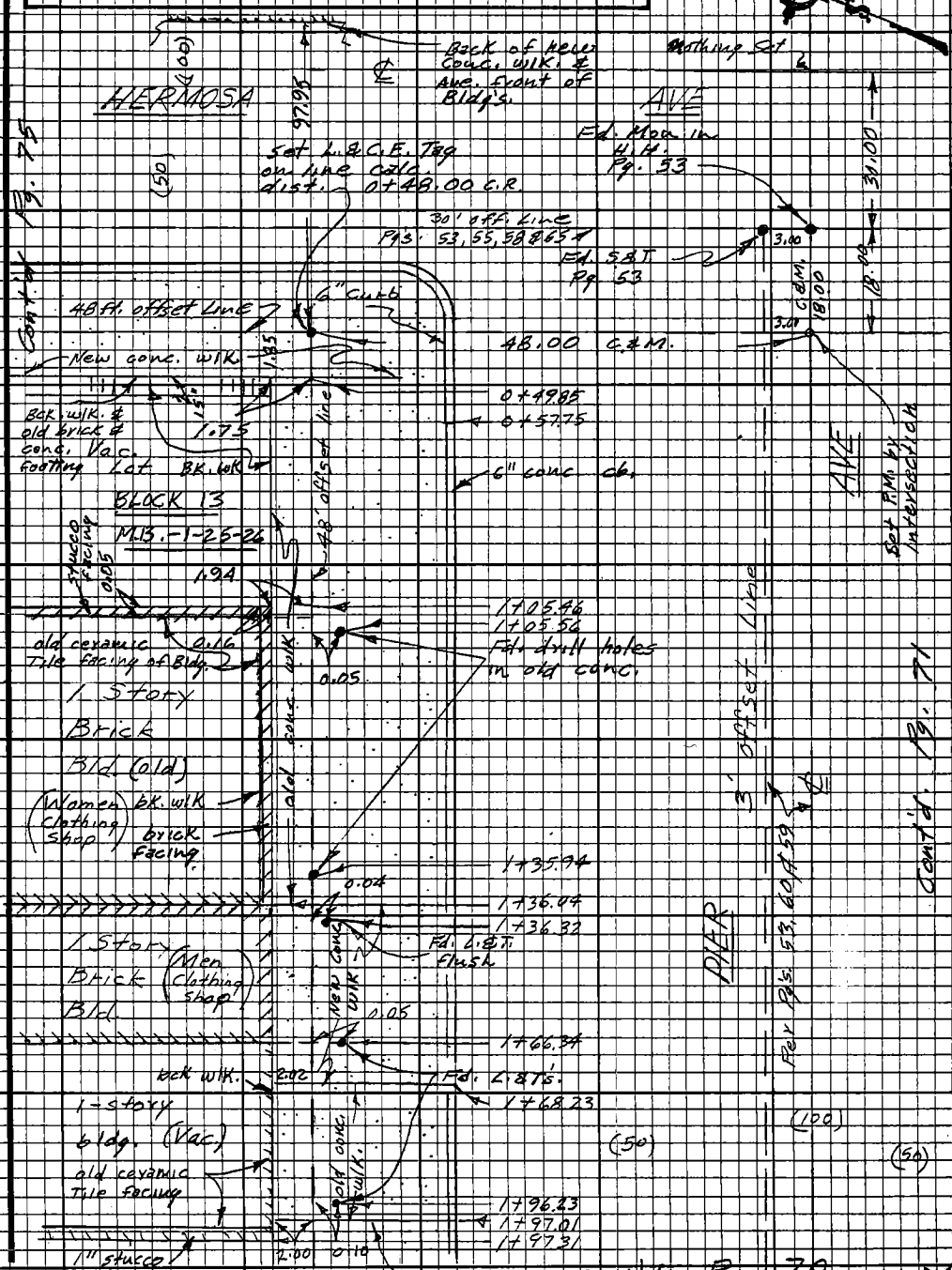
Notes Ck'd by	Survey of Hermosa Bch. Pier
Map No.	JN 0077.38 Tape 0850 Std 68 °F
Office Work	Surveyed by D. S. FOULGER
Checked	Notes D.F. & A.C. Date 7-28-70
Date	Indexed H. E. OTT AUG 3 '70

F.B. 3236 PG 69



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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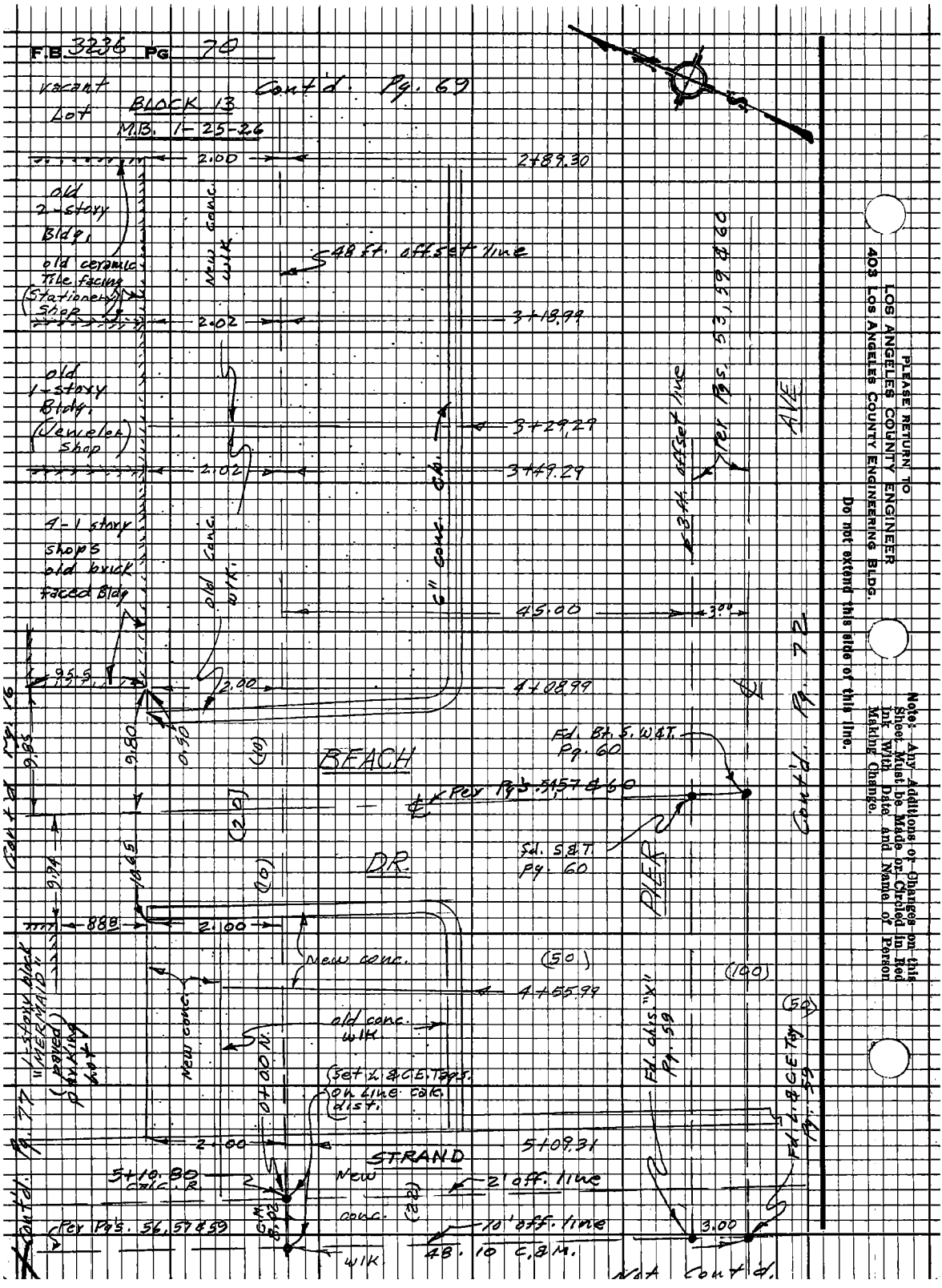
76E3098 CE#310 9/67


F.B. 3236 PG 70
vacant Lot
BLOCK 13
M.B. 1-25-26
Cont'd. Pg. 69
2.00
2+89.30
old 2-story Bldg.
old ceramic Tile facing (Stationery Shop)
New conc. wlk.
48 ft. offset line
2.02
3+18.99
old 1-story Bldg. (Jeweler Shop)
3+29.29
2.02
3+49.29
4-1 story shops old brick faced Bldg
old conc. wlk.
6" conc. Ch.
3 ft. offset line
Per Pgs. 53, 59 & 60
AVE
45.00
3.00
95.5
2.00
4+08.99
Cont'd. Pg. 16
9.85
9.80
0.50
(10)
BEACH
Fd. Bt. S. W&T. Pg. 60
Per Pgs. 54, 57 & 60
(20)
Fd. S&T Pg. 60
PIER
Cont'd. Pg. 72
9.94
10.65
(10)
DR.
888
2.00
New conc.
(50)
(100)
4+55.99
(50)
1-story block "MERMAID" (paved parking lot)
New conc.
old conc. wlk
0+00 N.
(Set L & C.E. Tags. on line calc. dist.)
Fd. chs. "X" Pg. 59
Fd. L & C.E. Tag Pg. 59
Cont'd. Pg. 77
2.00
5+09.31
STRAND
5+10.80 calc. R
New conc.
2' off. line
(22)
Per Pgs. 56, 57 & 59
C.M. 8.02
10' off. line
3.00
wlk
48.10 C.&M.
Not Cont'd.
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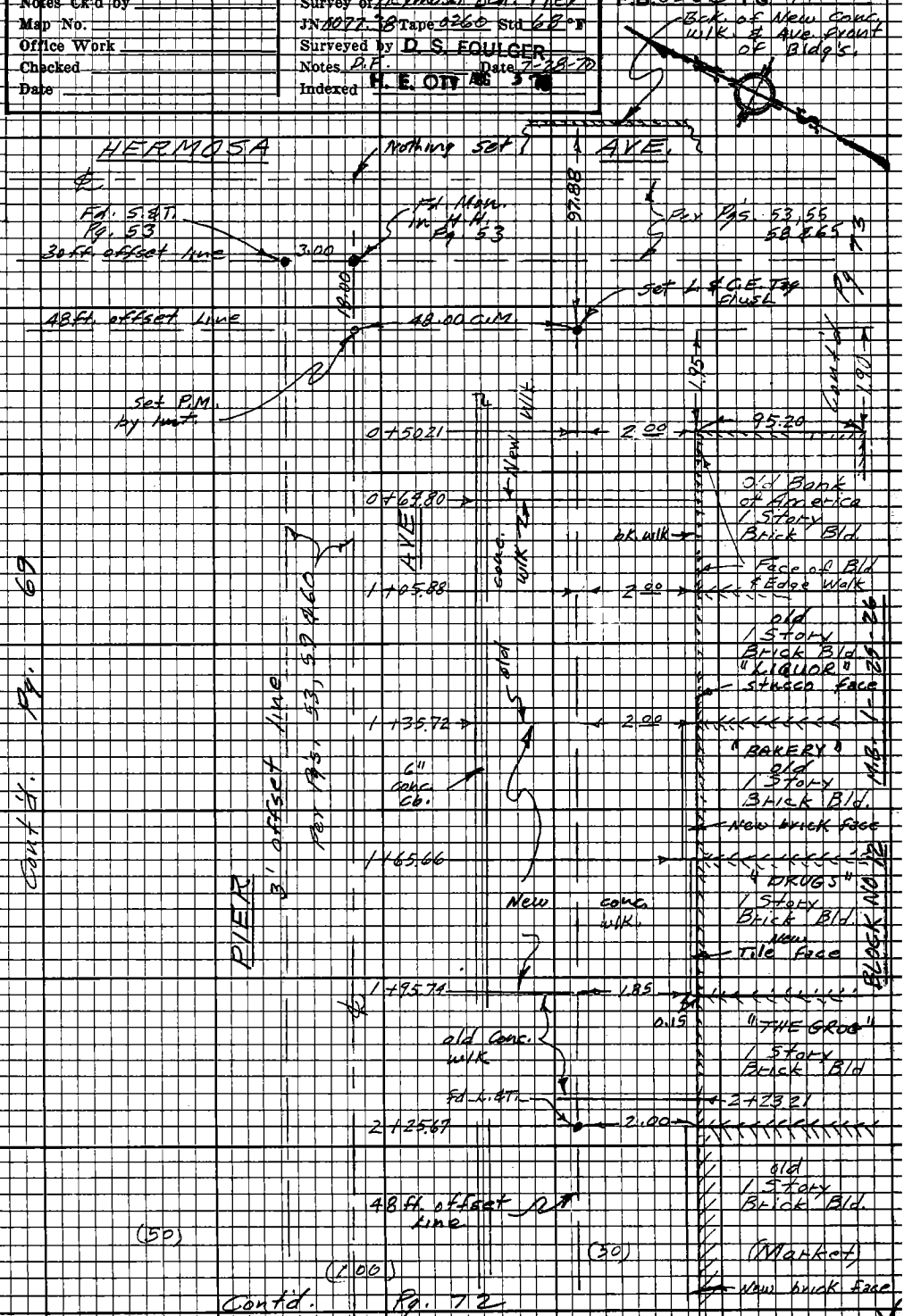
Notes Ck'd by	Survey of Hermosa Bch. Pier
Map No.	JN 1077.38 Tape 0260 Std 68°F
Office Work	Surveyed by D. S. FOULGER
Checked	Notes D.F. Date 7-28-70
Date	Indexed H. E. OTT

F.B. 3236 PG 71



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

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PLEASE RETURN TO
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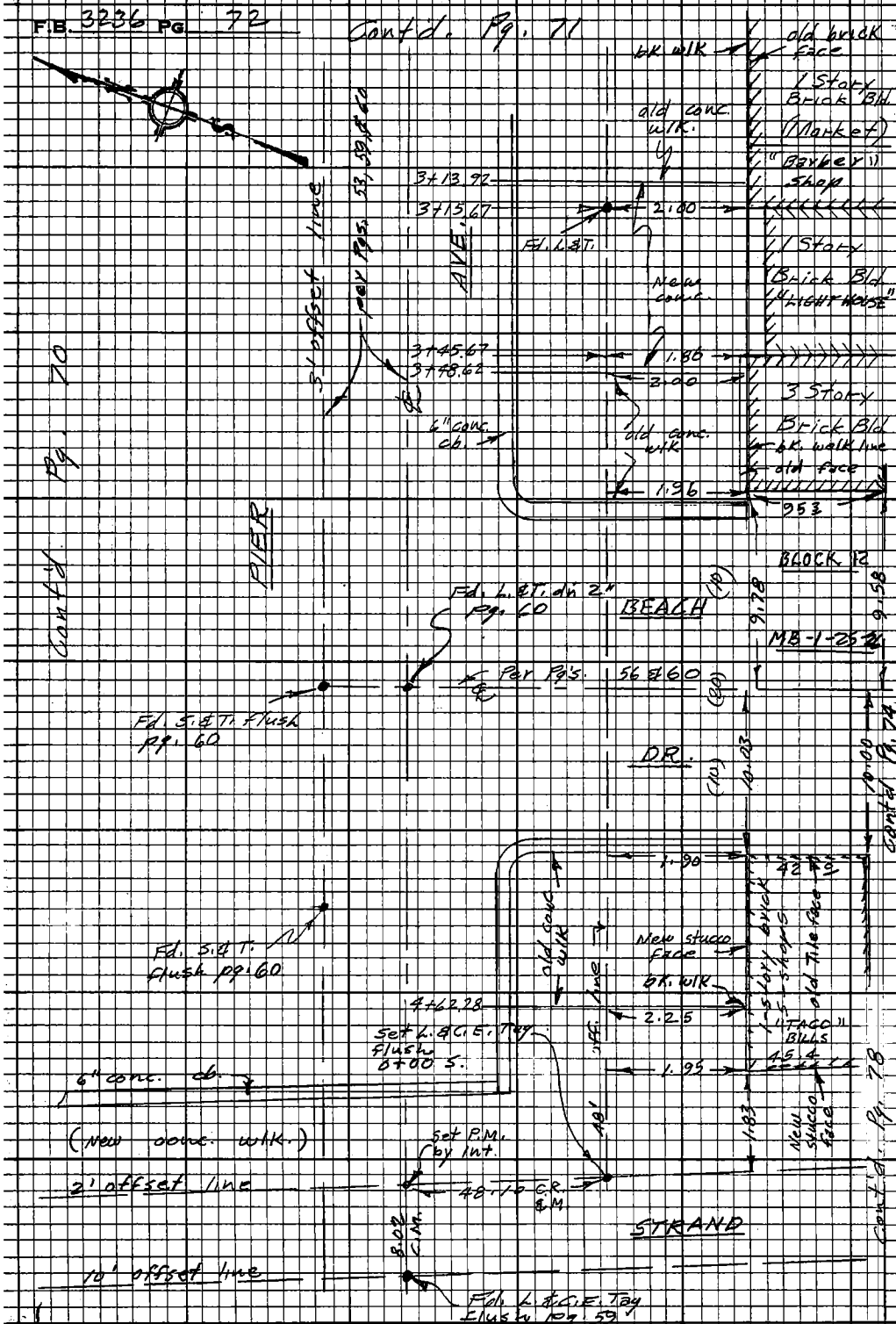
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67



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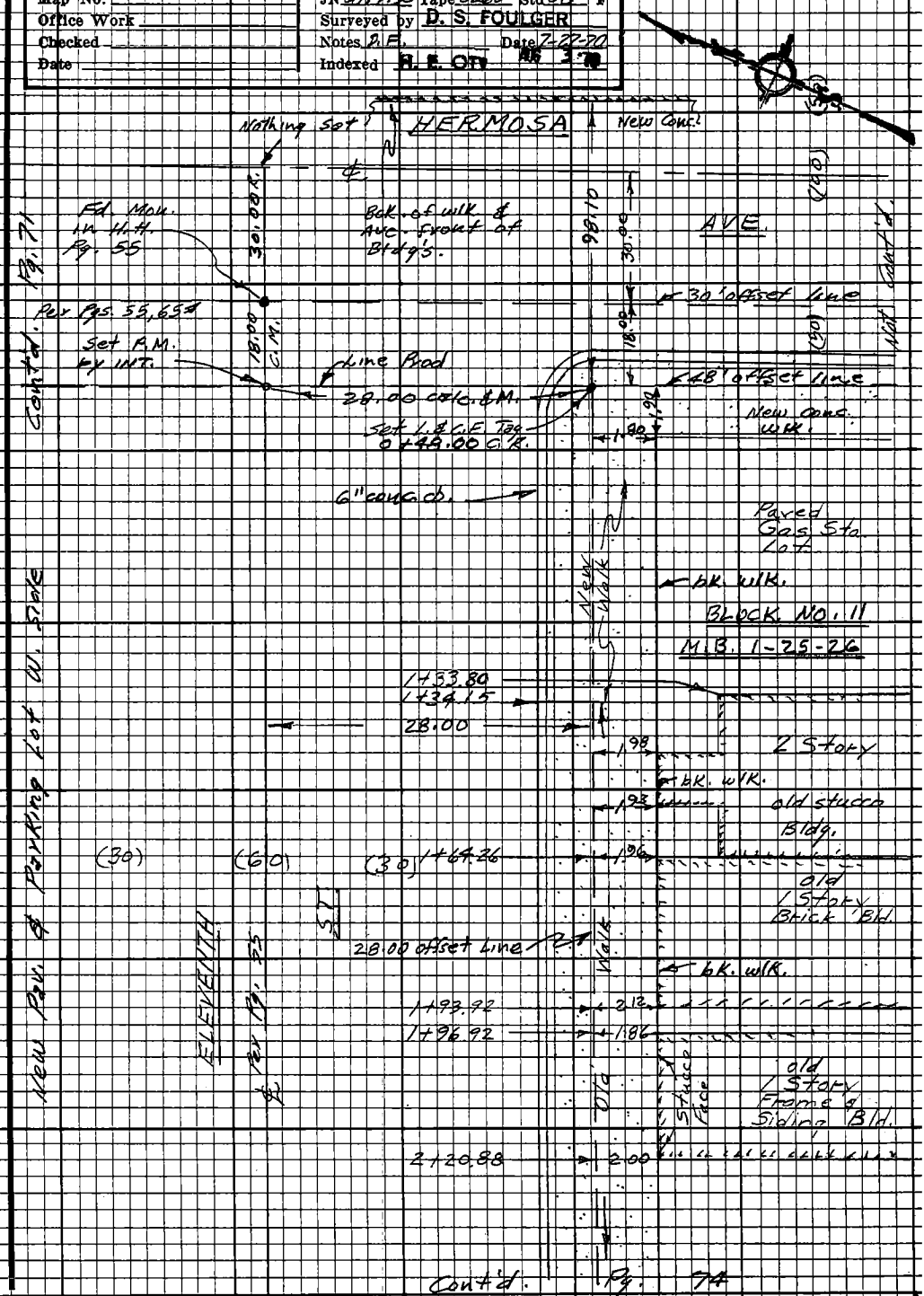
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of Hermosa Bch. Pier
Map No.	JN 0077.38 Tape 0260 Std 68 °F
Office Work	Surveyed by D. S. FOULGER
Checked	Notes D.F. Date 7-27-70
Date	Indexed H. E. OTT

F.B. 3236 PG. 73



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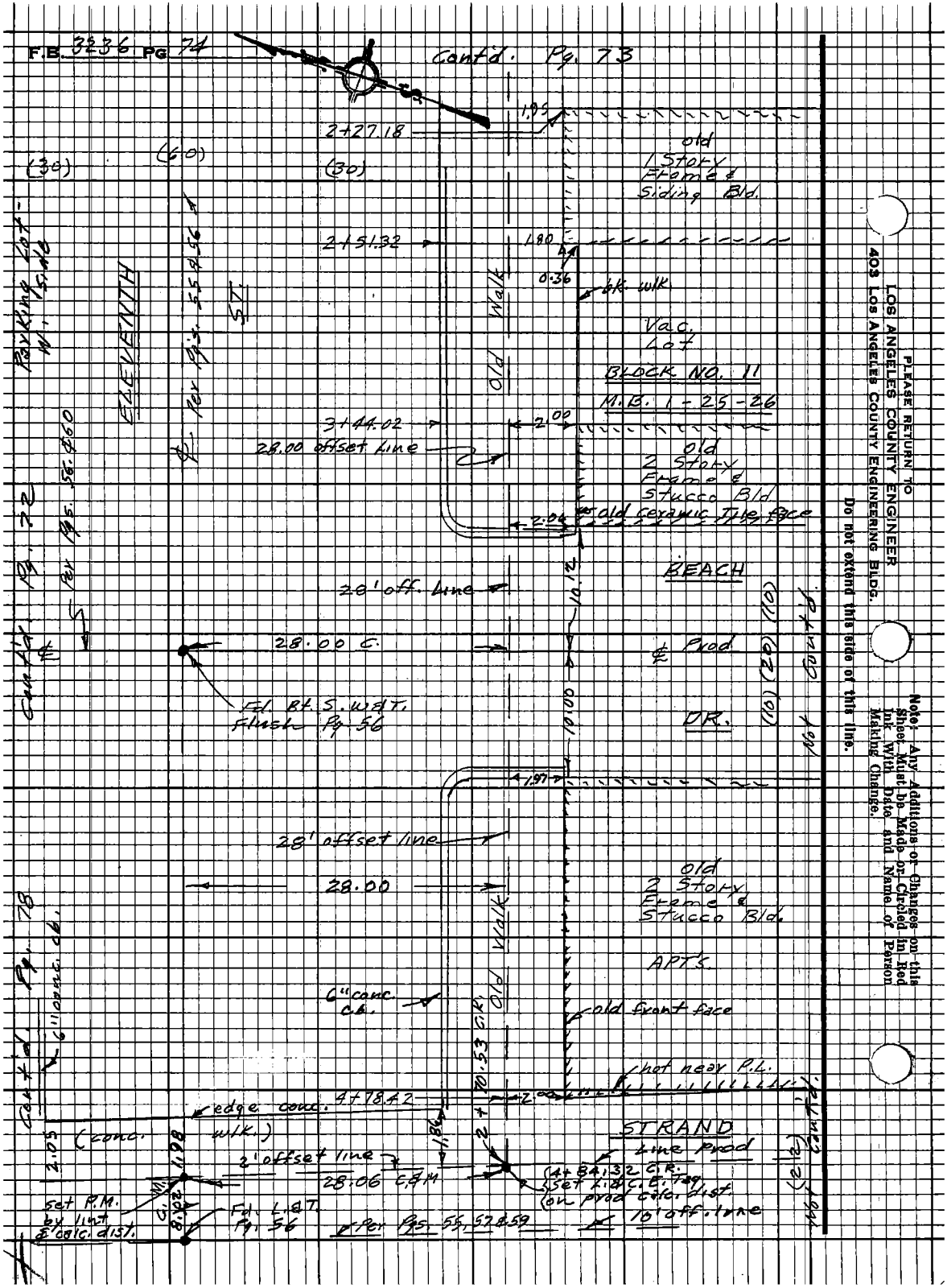
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9 67


F.B. 3236 PG 74
Cont'd. Pg. 73
2+27.18
1.95
old
1 Story
Frame &
Siding Bld.
(30)
(60)
(30)
2+51.32
1.80
0.36
bk. wlk.
Parking Lot - W. Side
ELEVENTH
ST.
Per Pgs. 55 & 56
Old Walk
Vac.
Lot
BLOCK NO. 11
M.B. 1-25-26
3+44.02
2.00
28.00 offset line
old
2 Story
Frame &
Stucco Bld.
old ceramic Tile face
2.06
Per Pgs. 56 & 60
Cont'd. Pg. 72
BEACH
28' off. line
10.12
28.00 C.
℄ Prod.
Fd. Bt. S. W&T.
Flush Pg. 56
10.00
DR.
(10) (20) (10)
Not Cont'd.
1.97
28' offset line
28.00
old
2 Story
Frame &
Stucco Bld.
APT'S.
Cont'd. Pg. 78
6" conc. cb.
6" conc. cb.
Old Walk
old front face
2+70.53 C.R.
hot near P.L.
edge conc.
4+78.42
2.00
(conc. wlk.)
2.05
1.98
1.86
STRAND
Line Prod
2' offset line
28.06 C.&M.
(4+84.32 C.R.
Set L.&C.E. Tag
on prod calc. dist.
(2) (2)
Not Cont'd.
set P.M.
by lint
& calc. dist.
Fd. L.&T.
Pg. 56
Per Pgs. 55, 57 & 59
10' off. line
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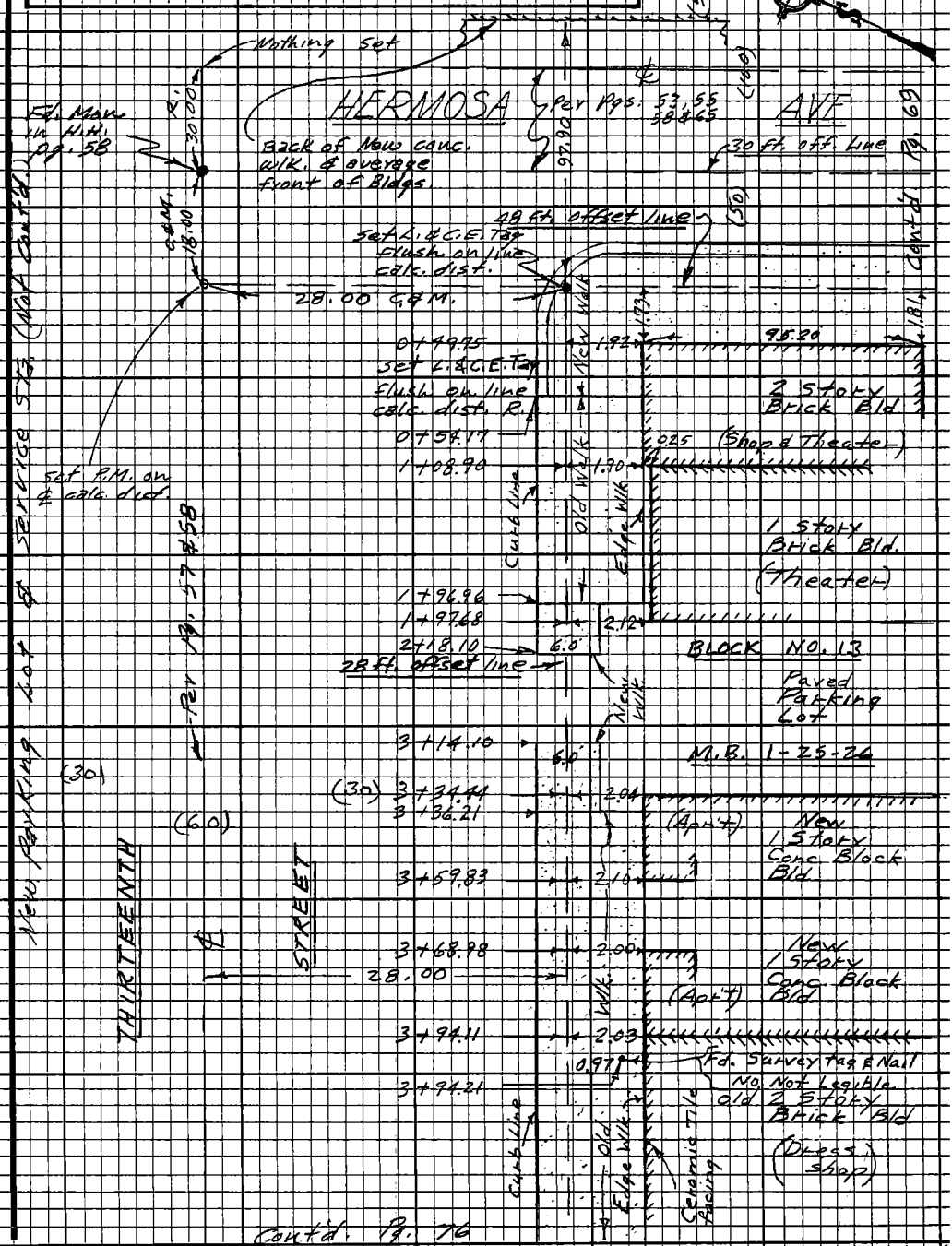
Notes Ck'd by	Survey of Hermosa Bch. Pier
Map No.	JN 0077.38 Tape 0280 Std 68 °F
Office Work	Surveyed by D. S. FOULGER
Checked	Notes D.F. & A.C. Date 7-28-70
Date	Indexed H. E. OTT AUG 3 '70

F.B. 3236 PG. 75



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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76F3098 CF #310 9-67

F.B. 3236 PG. 76

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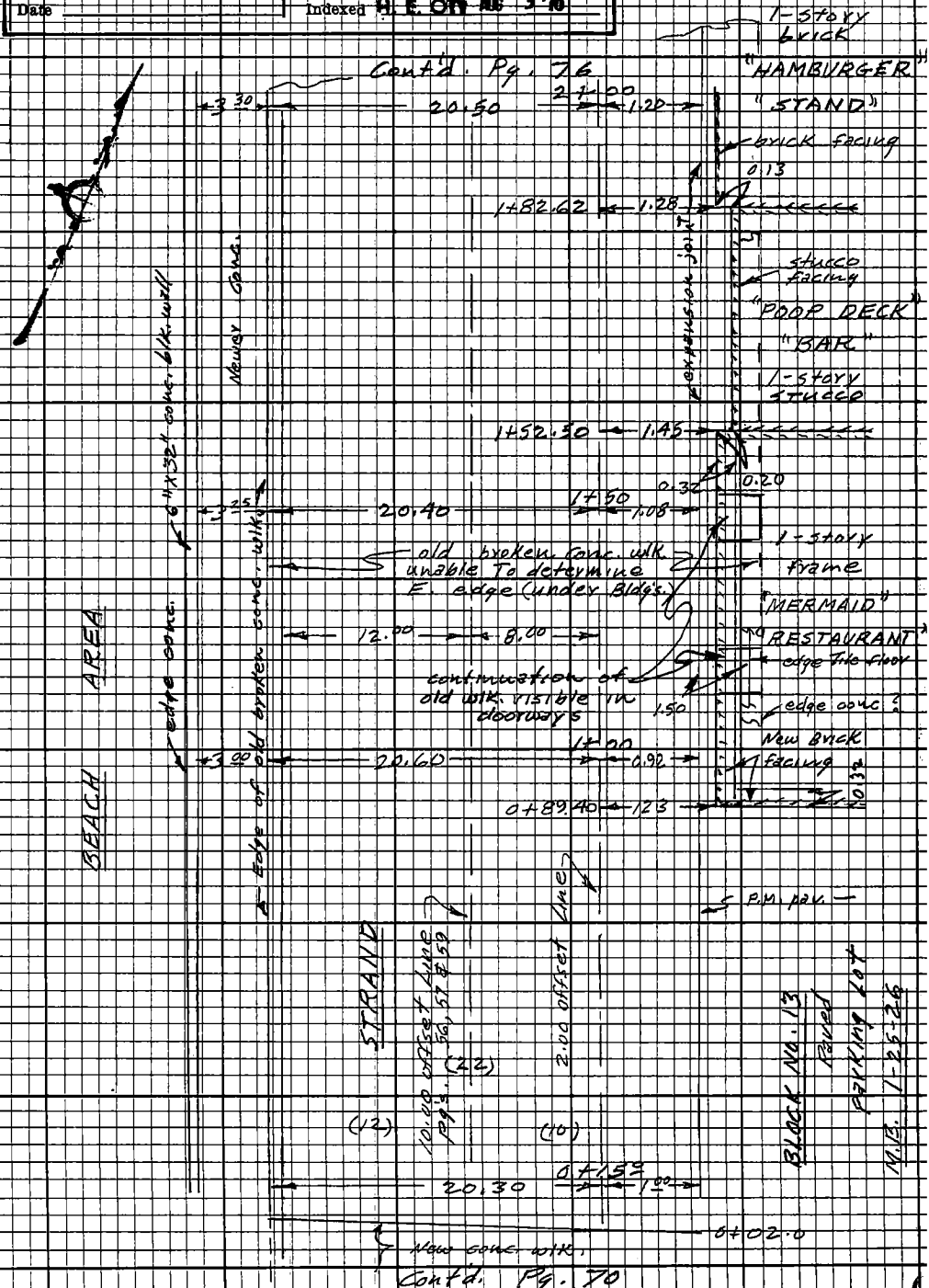
Notes Ck'd by	Survey of Hermosa Bch. Pier
Map No.	JN0077.38 Tape 0120 Std 68 °F
Office Work	Surveyed by D. S. FOULGER
Checked	Notes D.E. Date 7-29-70
Date	Indexed H. E. OTY AUG 3 '70

F.B. 3236 Pg. 77



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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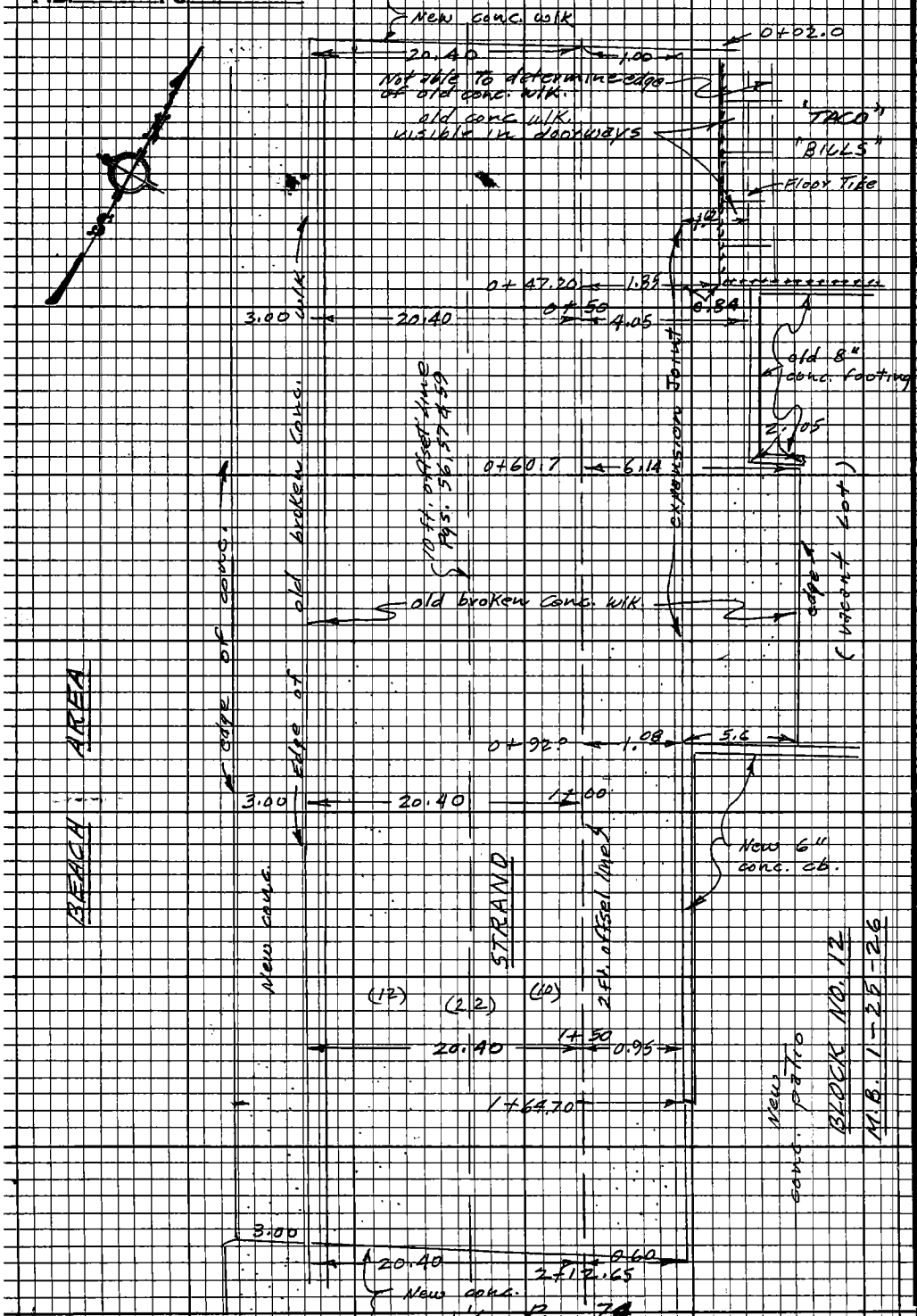
76F3098 CE#310 9-67

Cont'd Pg. 72



Cont'd. Pg. 74

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76-L298 CE 307 3-61

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Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	13.389	1970
BM 21-38	5.923	19.722		13 799	BM. 21-38 El. = 13.799 + 280 = 16.599 MLLW	
T.P.	4.922	19.784	4860	14 862	Torrance E 6A The Strand & Lydon St. walk near	
T.P.	4790	19.572	5002	14 782	int. Set in a well w/cast iron cover marked.	
T.P.			4746	14 826	"C S" Mon. A Standard Co. Sur. Trav. Sta. marked	
	5089	19 915			Tor-6A per F.B. 1391-39 1953 Adj. elev.	
TBM-A Set	5208	19.891	5232	14.683	T.BM-A El. F.B. pg.	
T.P.	4977	19 802	5066	14 825	Second St. - Set B.S. in lead on So. curb. 47' No	
T.P.	4962	19 746	5018	14 784	of ctr Strand.	
T.P.	5030	19.818	4958	14788		
BM 21-38			6023	13795	BM 21-38 El. = 13.799 M.S.L.	
					See above.	

F.B. 3436 PG. 86 Job No. 0077.39 Division No. 11 Notes Red Plotted Profile
Survey of COMM. CONFORT FOR HERMOSA BEACH Date Date No. X-Sec.
Survey by L. MYERS Notes B. NUNEZ Notes Chkd. Checked D.S.
Indexed C. J. GALLI Date Date 12-2-71 No.

76-L298 CE 307 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
BM S-10	5.099	19.084		13.985	BM S-10 Elev. 16.785 (MLLW) - 2.80 = 13.985 MSL
T.P.	5.069	19.200	4953	14.131	F.B. 2100 pg. 163 - Fd. L&T on conc. walk on Strand
T.P.	4.713	18.726	5187	14.013	on approx. bdry line between Hse# 1928 & House south.
T.P	5529	19.045	5210	13.516	
T.B.M. "B"	4463	18.919	4589	14.456	TBM "B" Elev. F.B. Pg.
T.P.	5267	19.331	4855	14.064	22nd St. So. curb - set B.S. in lead 42.5 E of
T.P.	5[illegible]	19.493	4899	14.432	ctr. Strand.
BM S-9			5.223	14.270	BM S-9 Elev. 17.075 (MLLW) - 2.80 = 14.275 MSL
					F.B. 2100 - 164 Fd. L&T in conc walk per F.B. 1284-11

F.B. [illegible] Pg. 88 Job No. 2077 39 Division No. 11 Notes Red Plotted Profile
Survey of COMM. COMFORT FAC. HERMOSA BEACH Date Date No. X-Sec.
Survey by K. MYERS Notes B. NUNEZ Notes Chkd. Checked D.S. No.
Indexed C. J. GALLI Date Date Date 12-2-71

Profile No.	Notes Red	Plotted	Job No. 0077.39	Division No. 11	F.B. [illegible] PG. [illegible]
	Date	Date	Survey of COMM. COMFORT FAC. HERMOSA BEACH		
X-Sec. No.	Notes Chkd.	Checked	Survey by K. MYERS	Notes K.M.	Date NOV. 1971
	Date	Date	Map No.	Indexed C. J. GALLI	Date NOV 29 71

COMMUNITY COMFORT FACILITIES
HERMOSA BEACH
(SECOND STREET)
J.N. 0077.39
NOV. 1971

BENCH LEVELS TO ESTABLISH ELEV. ON. T.B.M. "A" @ BLDG. SITE.

ELEV.

REF: F.B. 2100

PARTY: K. MYERS
B. NUNEZ
M. BUSTRUM
D. PRIEBE

F.S.

H.I.

NOTE: ELEV.'S BASED ON. M.S.L.

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.

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76-L298 CE 307 3-61

Profile No.	Notes Red	Plotted	Job No. 8753.17	Division No. 11	F.B. 3236 Pg. 91
	Date	Date	Survey of Hermosa City Bch Restrooms 7th St.		
X-Sec. No.	Notes Chkd.	Checked	Survey by R L STRADER	Notes J.MAHER	Date 9-12-73
	Date	Date	Map No.	Indexed G.D. BAILEY	Date JAN 21 1974

HERMOSA CITY BEACH RESTROOMS

7TH STREET J.N. 8753.17

16TH STREET J.N. 8753.18

VERTICAL CONTROL FOR PROPOSED RESTROOMS.

STATION	B.S.	H.I.	F.S.	ELEV.	SURVEY PARTY	REFERENCE
					R.L. STRADER J.D. MAHER H. MITCHELL G. TOLLISON	F.B. 1391

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

F.B. 3236 Pg. 92 | Job No. 8753.17 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Hermosa Bch Restrooms | Date 9-12-73 | No. | X-Sec.
Survey by R L STRADER Notes J.D. MAHER | Notes Chkd. W. DEL REAL | Checked
Indexed G.D. BAILEY | Date JAN 21 1974 | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.		
Fd. TORRANCE D-4				12 982	Fd. TORRANCE D-4 EL = 12.982 ADJ. 1970 PER F.B. 1391-36	
TP 1	5 900	18 882	5 273	13 609		
TP 2	5 069	18 678	5 319	13 359		
T.B.M.1	5 300	18 659	5 109	13 550	Fd. L.A.CO.F.C. B.M. H.B.A.-3. ON STRAND 17'NE OF 16TH ST.	
T.B.M.2	5 145	18 695	5 486	13 209	Fd. L.A.CO.F.C. B.M. H.B.A.-4 ON STRAND 17'NW OF 16TH ST.	
TP 3	5 591	18 800	5 421	13 379		
TP 4	5 210	18 589	5 488	13 101		
TP 5	5 204	18 305	5 663	12 642		
TP 6	5 095	17 737	5 270	12 467		
TP 7	5 156	17 623	5 189	12 434		
TP 8	5 231	17 665	5 222	12 443		
TP 9	5 660	18 103	4 991	13 112		
TP 10	5 380	18 492	5 255	13 237		
TP 11	5 461	18 698	5 198	13 500		
TP 12	5 469	18 969	5 210	13 759		
T.B.M.3	5 373	19 132	5 450	13 682	Fd. C.E. TAG IN STRAND 9'N. OF 7TH ST PER F.B. 2100-21	
T.B.M.4	5 308	18 990	5 097	13 893	Fd. L+ TAG IN STRAND LS 8700 30' S. OF 7TH ST NO REF.	
Fd. U.S.G.S. Y 767	5 315	19 208	5 201	14 007	Fd. U.S.G.S. Y 767 BR. CAP. IN STRAND 30'N. OF 6TH ST	
T.P.13	5 000	19 007	5 261	13 746		
Fd. TORRANCE E-68	5 175	18 921	5 858	13 063	Fd. TORRANCE E-68 EL = 13.054 ADJ. 1970 PER. F.B. 1391-39	

Notes Ck'd by M. DEL REAL	Survey of HERMOSA CITY BEACH RESTROOMS - 7TH STREET
Map No.	JN 8753.17 Tape 240 Std 84°F
Office Work	Surveyed by R.L. STRADER
Checked	Notes R.L. STRADER Date 9-20-73
Date	Indexed G.D. BAILEY JAN 21 1974

F.B. 3236 PG 93

HERMOSA CITY BEACH RESTROOMS - 7TH STREET

J.N. 8753.17

HORIZONTAL CONTROL FOR FUTURE RESTROOMS

SEPT. 20, 1973

SURVEY PARTY	REFERENCE
R.L. STRADER	F.B. 3236
J.D. MAHER	F.M. 21190
H. MITCHELL	M.B. 1 25-26
G. TOLLISON	F.B. 2100

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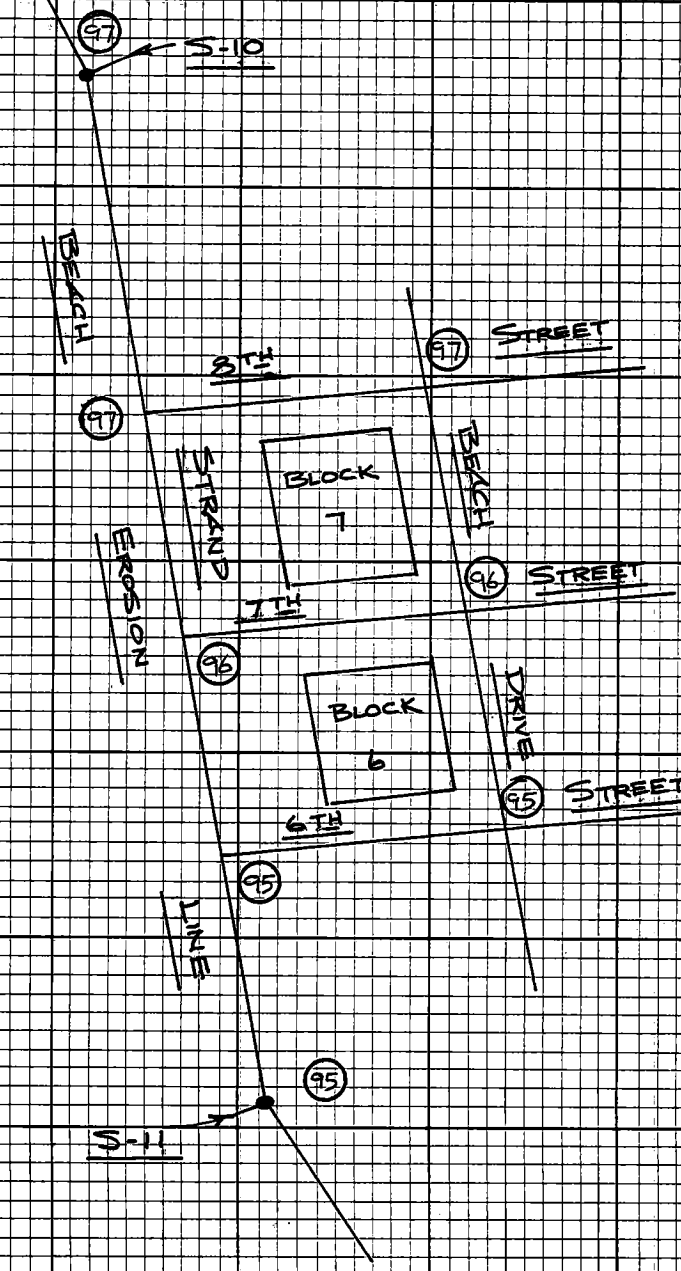
76F3098 EE#310 9-67

F.B. 3236 Pg. 94

INDEX MAP



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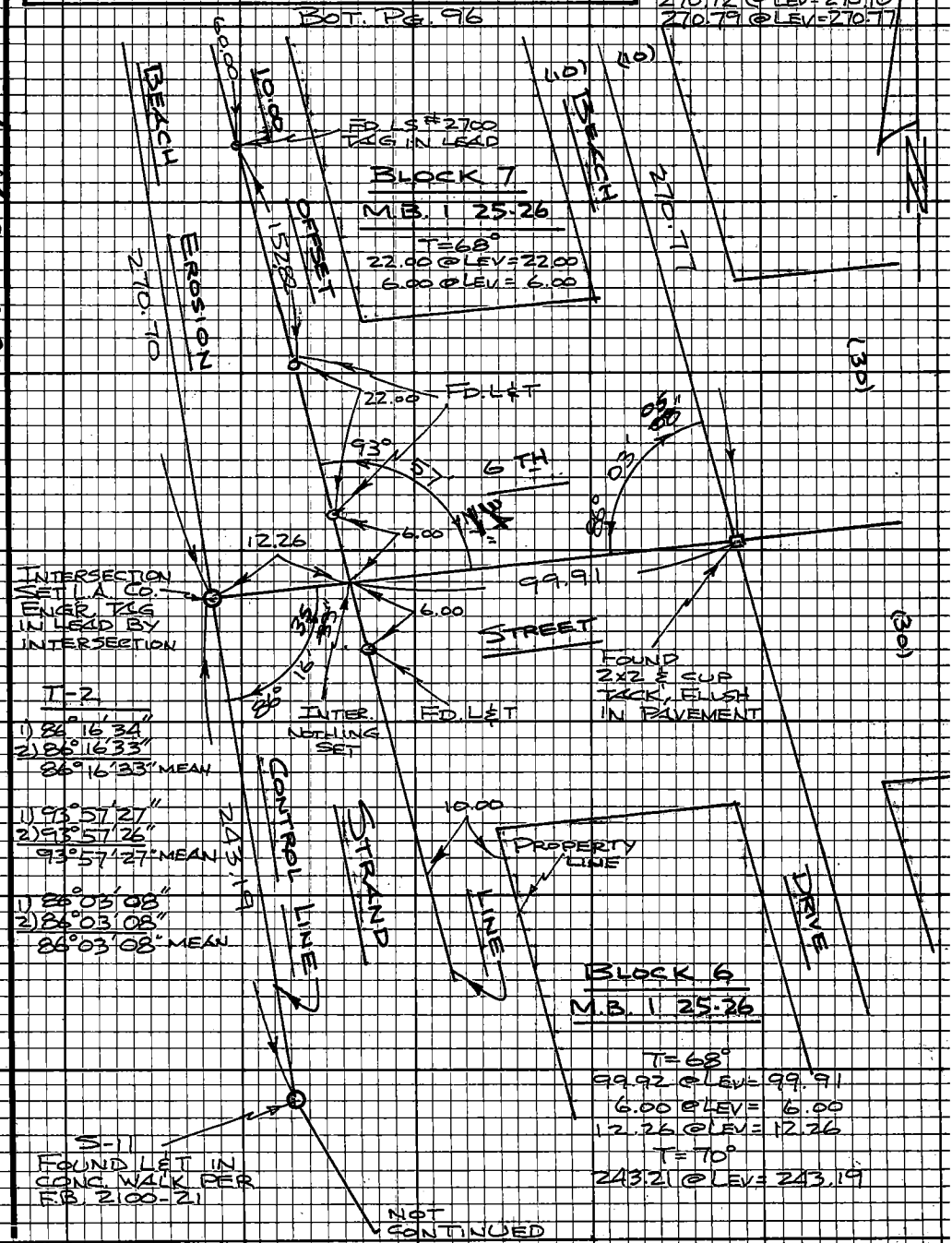
Notes Ck'd by M. DEL REAL	Survey of HERMOSA CITY BEACH RESTROOMS - 7TH STREET
Map No.	JN 8753.17 Tape 240 Std 84 °F
Office Work	Surveyed by R L STRADER
Checked G. KURAJIN	Notes R L STRADER Date 9-18-73
Date 2-4-74	Indexed G. D. BAILEY JAN 21 1974

F.B. 3236 PG. 95

T = 70°
60.01 @ LEV = 60.00
152.83 @ LEV = 152.82
T = 72°
270.72 @ LEV = 270.70
270.79 @ LEV = 270.77



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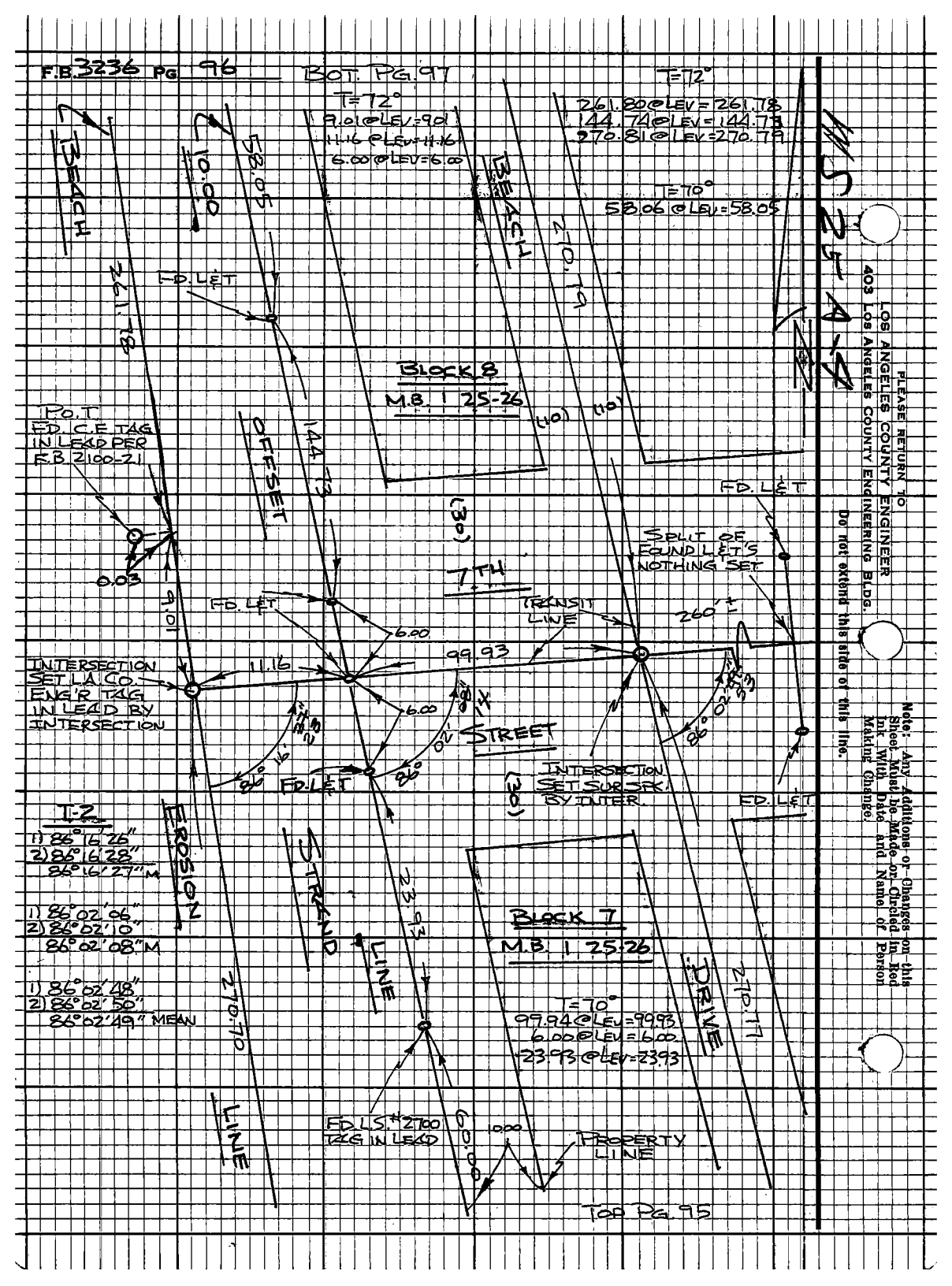
WS.25 A-4

76E3098 CE #310 9-67

F.B. 3236 PG 96 — BOT. PG. 97



TOP PG 95

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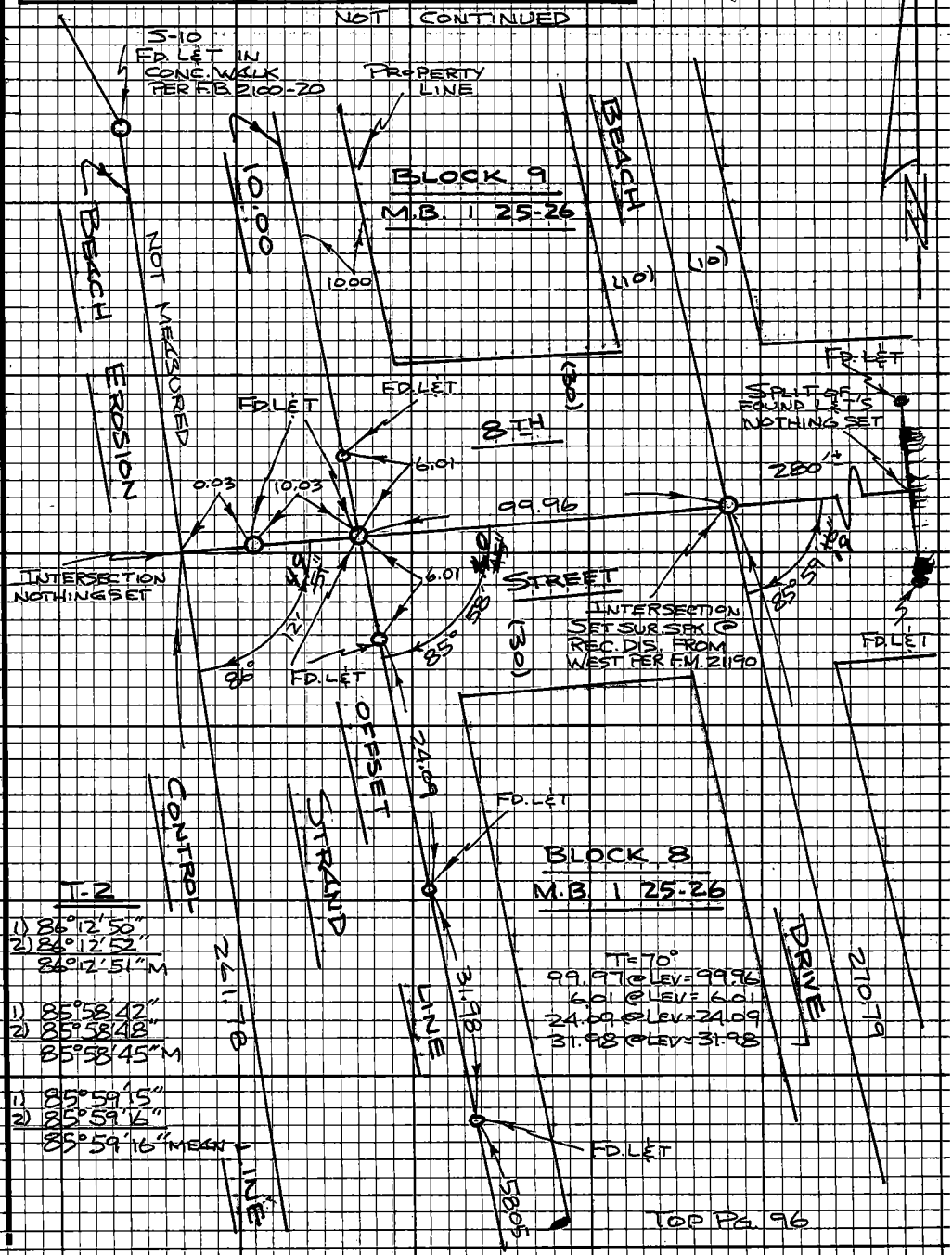
Notes Ck'd by M. DEL REAL	Survey of HERMOSA CITY BEACH RESTROOMS - 7TH STREET
Map No.	JN 8753.17 Tape 240 Std 84 °F
Office Work	Surveyed by R L STRADER
Checked G. KURACHI	Notes R L STRADER Date 9-19-73
Date 2-4-74	Indexed G. D. BAILEY JAN 21 1974

F.B. 3236 PG 97

T = 70°
10.03 @ LEV = 10.03
6.01 @ LEV = 6.01

NOT CONTINUED



W.S. 25 A-4

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76F3098 CE # 310 9-67

Notes Ck'd by M. DELRAY	Survey of HERMOSA CITY BEACH RESTROOMS-16TH STREET
Map No.	JN 8753.18 Tape 240 Sta 84+F
Office Work	Surveyed by R L STRADER
Checked G. KURKACHI	Notes R L STRADER Date 9-21-73
Date 2-4-74	Indexed D. BAILEY JAN 21 1974

F.B. 3236 Pg. 99

HERMOSA CITY BEACH RESTROOMS - 16TH STREET

J.N. 8753.18

HORIZONTAL CONTROL FOR FUTURE RESTROOMS

SEPT. 21, 1973

SURVEY PARTY	REFERENCE
R.L. STRADER	F.B. 3236
J.D. MAHER	F.M. 21190
H. MITCHELL	M.B. 1 25-26
G. TOLLISON	F.B. 2100

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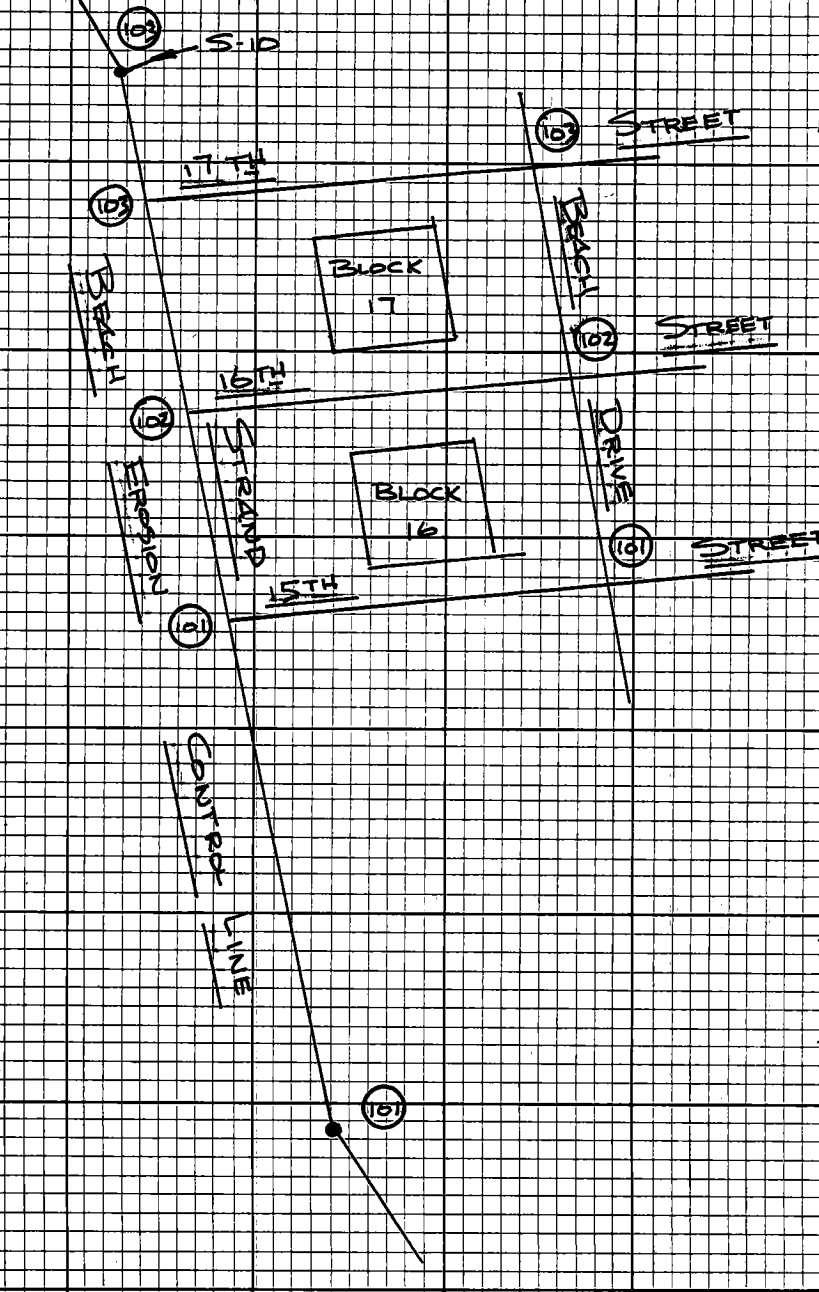
16FS098 CE#310 9-67

F.B. 3236 PG 100

INDEX MAP



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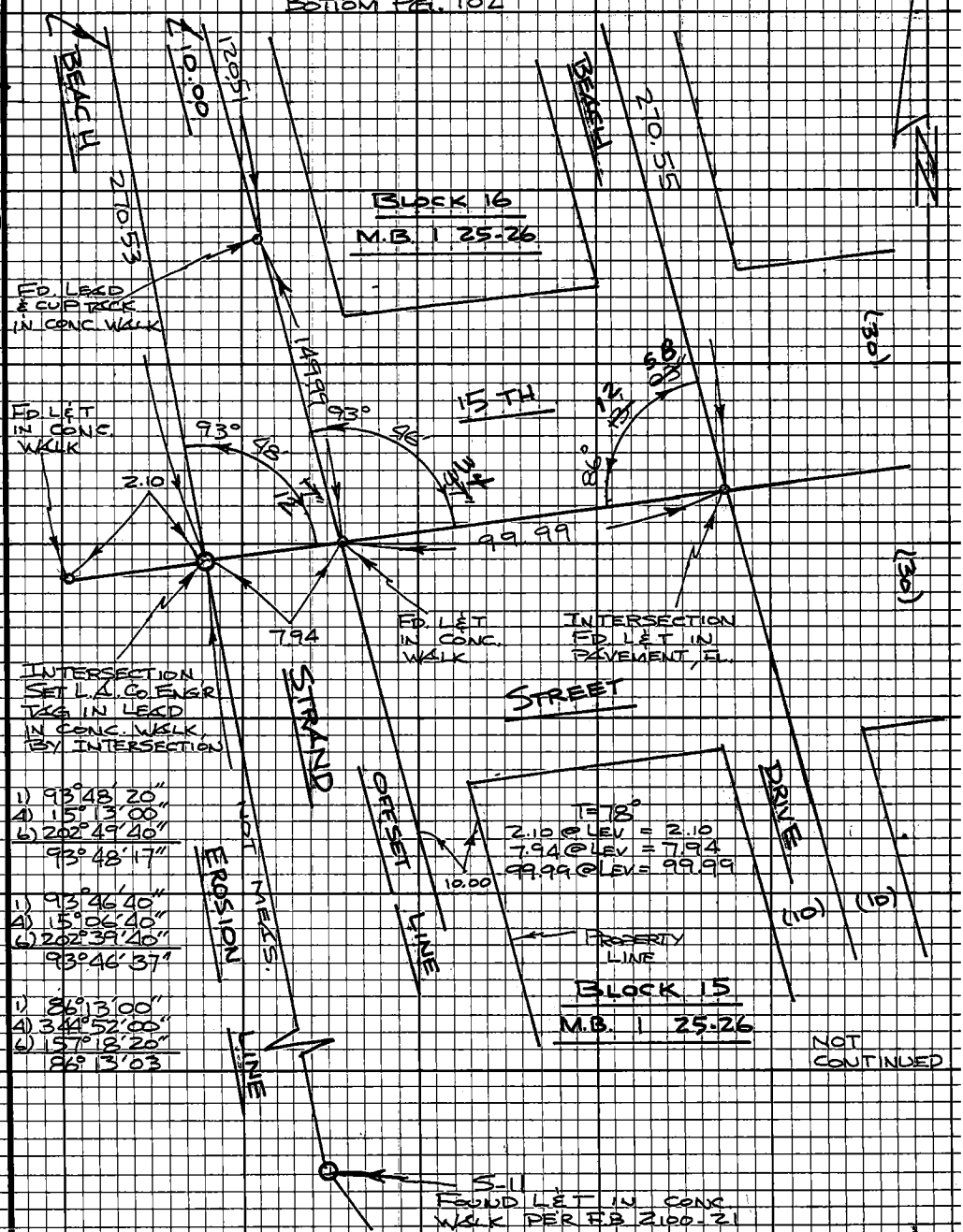
Notes Ck'd by M. DEL REAL	Survey of HERMOSA CITY BEACH RESTROOMS - 16 TH STREET
Map No.	JN 8753.18 Tape 240 Std 84°F
Office Work	Surveyed by R L STRADER
Checked G. KURACHI	Notes R L STRADER Date 9-21-73
Date 2-4-74	Indexed G. D. BAILEY JAN 21 1974

F.B. 3236 PG 101

T=78°
270.54 @ LEV = 270.53
120.51 @ LEV = 120.51
150.00 @ LEV = 149.99
270.56 @ LEV = 270.55

BOTTOM PG. 102



1) 93°48'20"
4) 15°13'00"
6) 202°49'40"
93°48'17"

1) 93°46'40"
4) 15°06'40"
6) 202°39'40"
93°46'37"

1) 86°13'00"
4) 344°52'00"
6) 157°18'20"
86°13'03

W.S. 25 A-4

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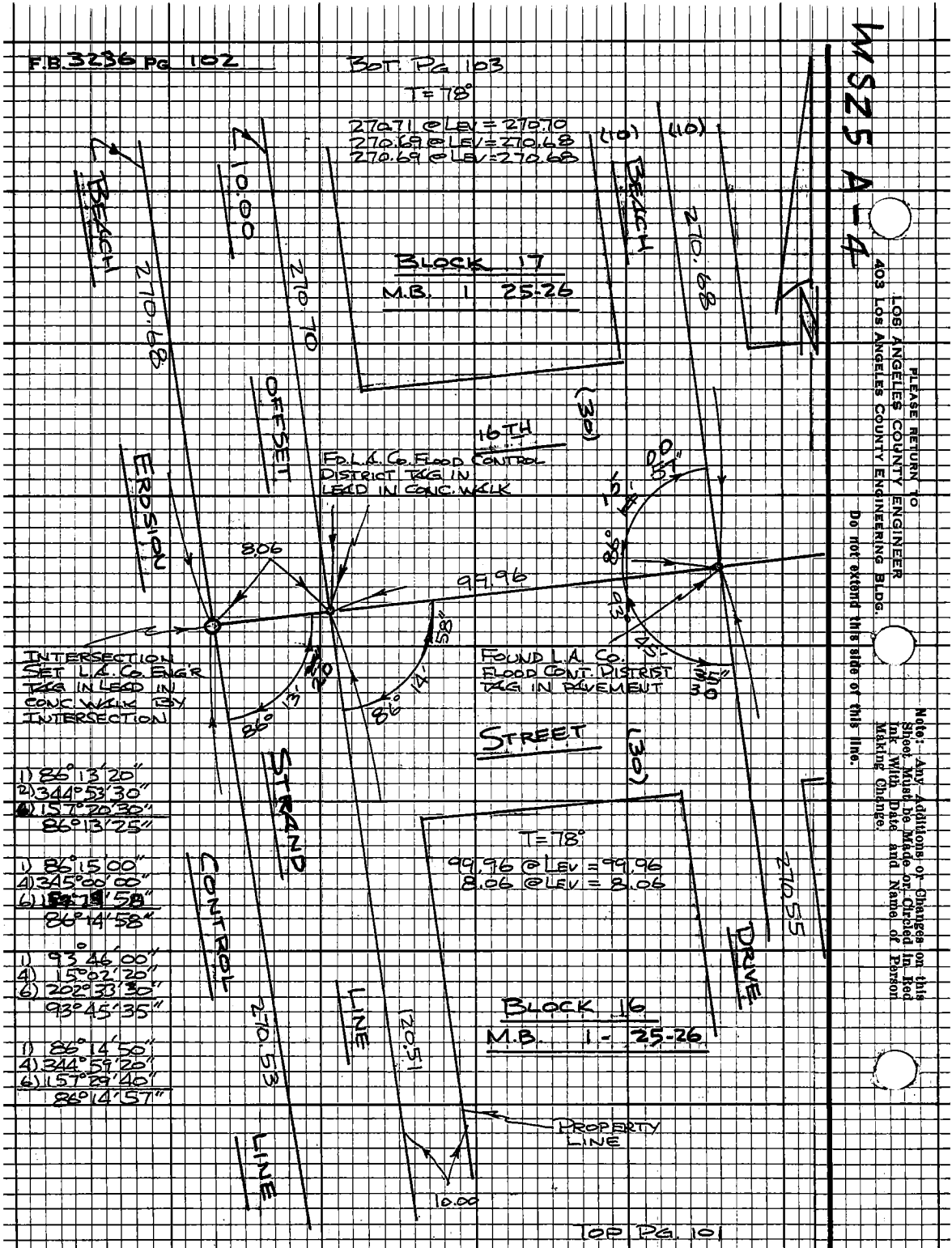
76F3098 CE#310 9-67


F.B. 3236 PG 102
BOT. PG 103
T=78°
270.71 @ LEV = 270.70
270.69 @ LEV = 270.68
270.69 @ LEV = 270.68
BLOCK 17
M.B. 1 25-26
BEACH
10.00
270.68
270.70
OFFSET
(10)
(10)
BEACH
270.68
(30)
16TH
FD. L.A. CO. FLOOD CONTROL DISTRICT TAG IN LEAD IN CONC. WALK
EROSION
8.06
99.96
INTERSECTION SET L.A. CO. ENG'R TAG IN LEAD IN CONC. WALK BY INTERSECTION
FOUND L.A. CO. FLOOD CONT. DISTRIST TAG IN PAVEMENT
STREET
(30)
STRAND
CONTROL
LINE
T=78°
99.96 @ LEV = 99.96
8.06 @ LEV = 8.06
270.55
DRIVE
BLOCK 16
M.B. 1 - 25-26
270.53
120.51
PROPERTY LINE
LINE
10.00
TOP PG. 101
1) 86°13'20"
2) 344°53'30"
4) 157°20'30"
86°13'25"
1) 86°15'00"
4) 345°00'00"
6) 157°29'58"
86°14'58"
1) 93°46'00"
4) 15°02'20"
6) 202°33'30"
93°45'35"
1) 86°14'50"
4) 344°59'20"
6) 157°29'40"
86°14'57"
WS25 A-4
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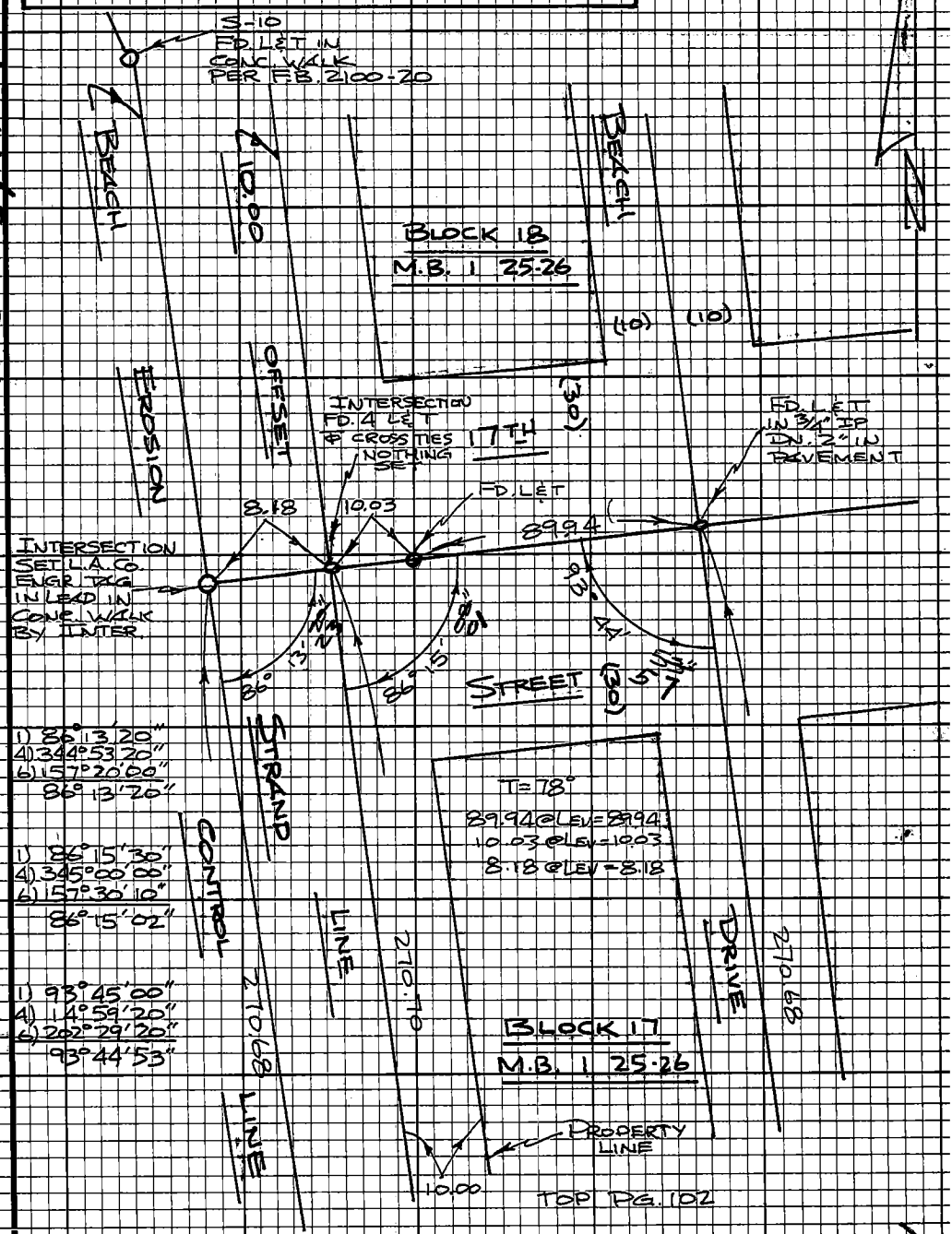
Notes Ck'd by M. DEL REAL	Survey of HERMOSA CITY BEACH RESTROOMS - 16TH STREET
Map No.	JN 8753.18 Tape 240 Std 84°F
Office Work	Surveyed by R L STRADER
Checked G. Kunawitt	Notes R L STRADER Date 9-24-73
Date 2-4-74	Indexed G. D. BAILEY JAN 21 1974

F.B. 3236 PG 103



1) 86° 13' 20"
4) 344° 53' 20"
6) 157° 20' 00"
86° 13' 20"

1) 86° 15' 30"
4) 345° 00' 00"
6) 157° 30' 10"
86° 15' 02"

1) 93° 45' 00"
4) 14° 59' 20"
6) 202° 29' 20"
93° 44' 53"

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W 3 2 5, A-4

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76F3098 CE #310 9-67

Notes Ck'd by	Survey of Her Bch. Rest Rooms
Map No.	JN 8753.14 Tape Std °F
Office Work	Surveyed by Tom Mankey
Checked	Notes Tom M. Date 1-74
Date	Index G. D. BAILEY JAN 21 1974

F. B. 3236 PG. 105

J.N. 8753.14

HERMOSA CITY BEACH

REST ROOM FACILITIES

AT

STRAND & SECOND ST.

Mankey
Maher
Tolligson
H. Jackson

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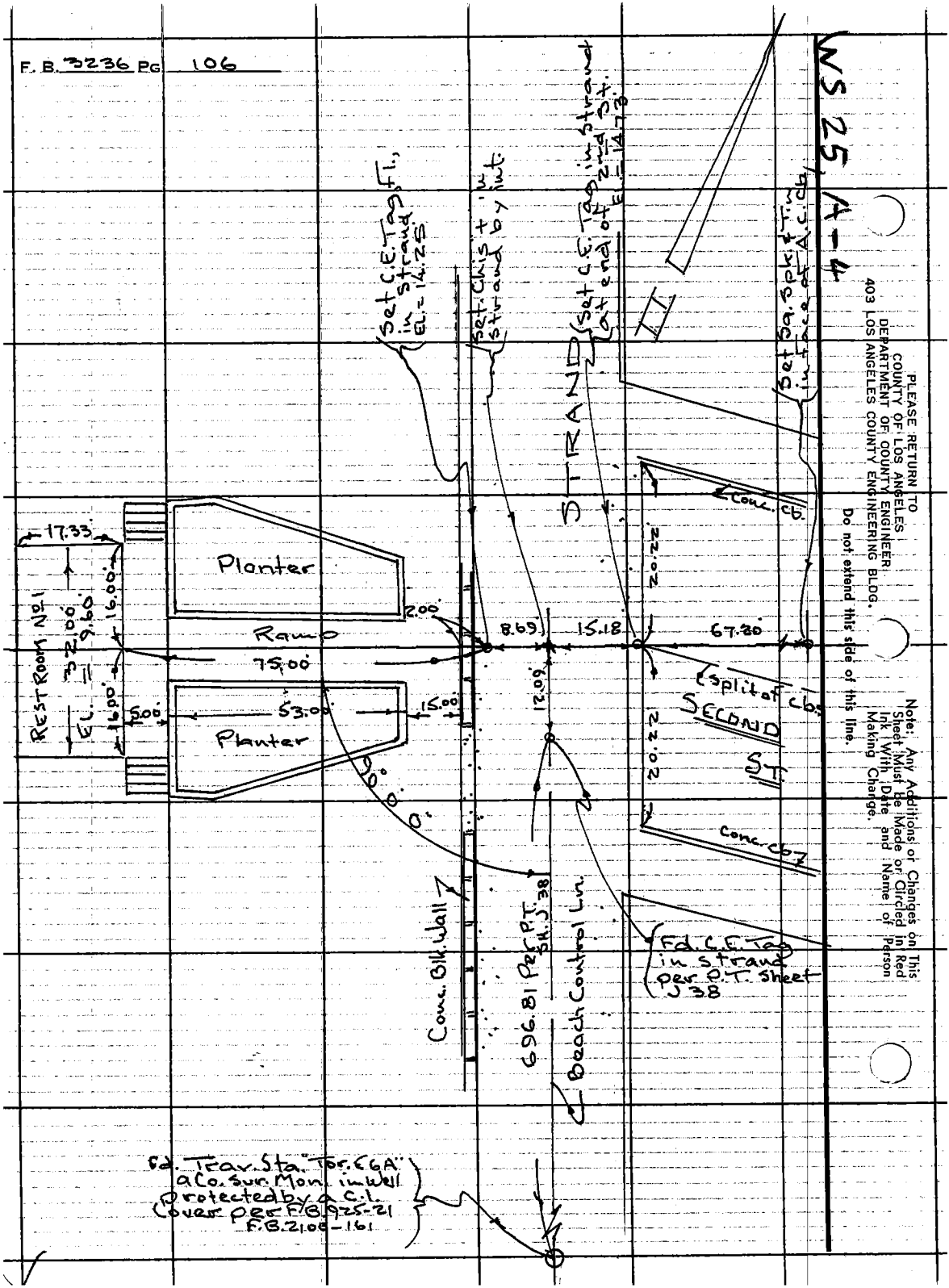
16F309S. CE#310 3-69

F. B. 3236 PG 106



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F. B. 3236 PG. 107

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Notes Chk'd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 8753.14 Division No. ____

Survey of Her. Beach Rest Rooms

Survey by T. Mankey Notes J. Maher Date 1-74

Map No. ____ Indexed G. D. BAILEY Date ____

J.N. 8753.14

T. B. M.'s M.S.L. DATUM

for

Hermosa City Beach

Restroom Facilities at

STRAND & SECOND ST.

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

MANKEY
MAHER
TOLWSON
H. JACKSON

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76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	
T.B.M.-A (Fd.)				14 683	T.B.M.-A EL=14.683 Fd. B.S. in lead on So. curb of Second St. 47' No of ctr. of strand. Per F.B. 3236-86
T.B.M. 2E. (Set)				14 73	T.B.M. 2E EL= 14.73 F.B. 3236-108 Strand & 2nd St., in Hermosa Bch., a C.E. Tag in E. edge strand at split of 2nd St. Cb.s. Loc. in F.B. 3236-106
T.B.M. 2W (Set)				14 25	T.B.M. 2W EL= 14.25 F.B. 3236-108 Strand & 2nd St, in Hermosa Bch., a C.E. Tag in W. edge strand, 1.5' from Blk wall, at 90° to split of Cb's at end of 2nd St.
T.B.M.-A (Fd.)				14.68	(See Above)

M.S.L. Datum

F.B. 3236 Fg. 108 | Job No. W875314 Division No. | Notes Red | Plotted | Profile
Survey of HERMOSA CITY RESTROOMS | Date | Date | No.
Survey by T. MAUKEY Notes J. MAHER | Notes Chk'd. | Checked | X-Sec.
Indexed G.D. BAILEY Date 1-24 JAN 21 1974 | Date | Date | No.

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

Survey of Her. Bch. Rest Rooms
JN B753.14 Tape Std °F
Surveyed by Tom Mankey
Notes Tom M. Date 1-74
Index G. D. BAILEY JAN 21 1974

F. B. 3236 PG. 109

J.N. 8753.14

HERMOSA CITY BEACH

REST ROOM FACILITIES

AT

STRAND & TWENTY SECOND ST

Mankey
Maher
Tolligson
H. Jackson

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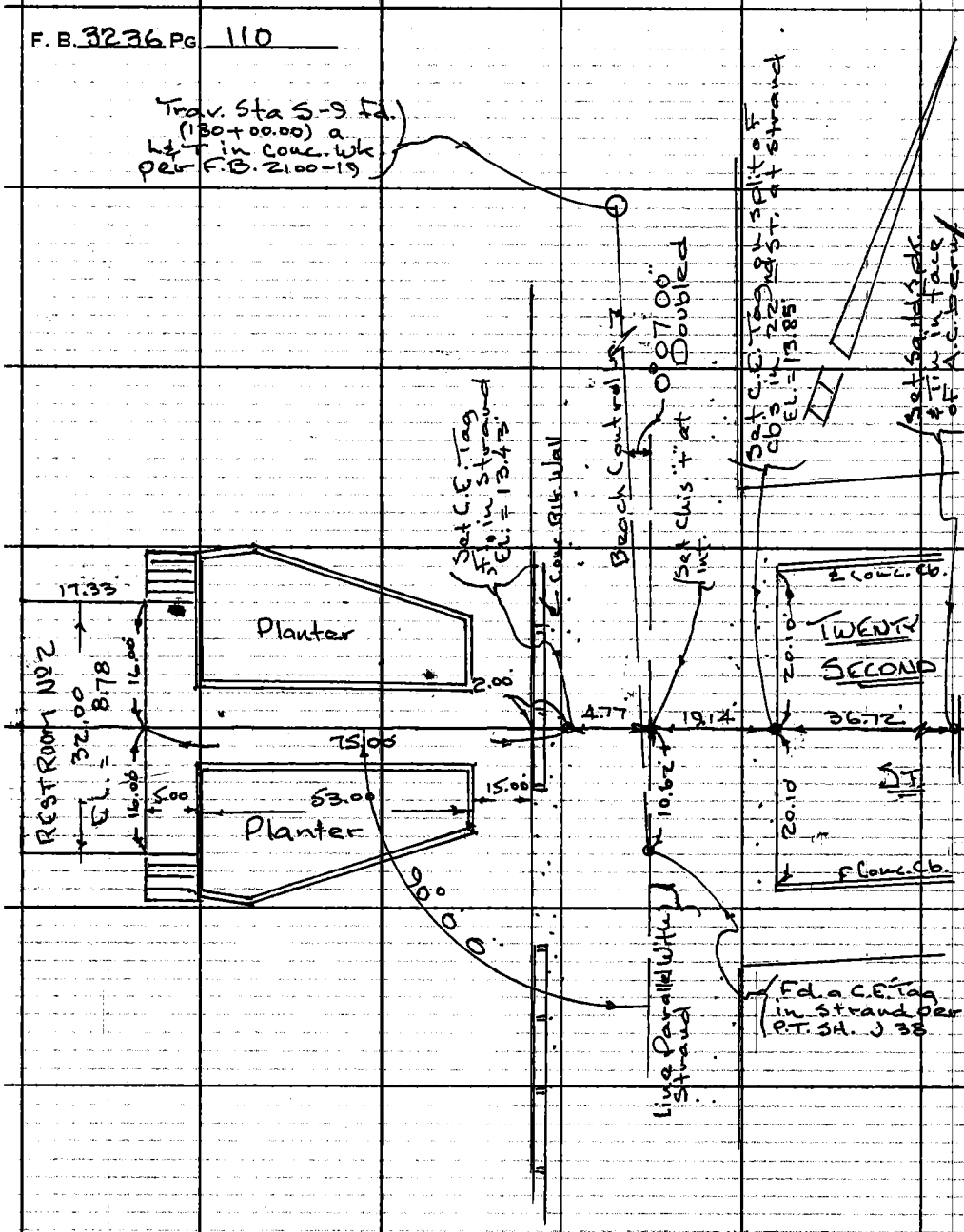
16F309S CE#310 3-69

F. B. 3236 PG 110



MS 25 A-4

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Profile No. | Notes Red | Plotted | Job No 8753.14 Division No. | F. B. 3236 Pg. 111
Date | Date | Survey of Hermosa Bch Restroom
X-Sec. No. | Notes Chk'd. | Checked | Survey by T. MANKEY Notes MAKER Date 1-74
Date | Date | Map No. | Indexed G. D. BAILEY Date JAN 21 1974

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

J.N. 8753.14

T. B. M.'s M.S.L. DATUM

for

Hermosa City Beach
Restroom Facilities

at

STRAND
&
TWENTY SECOND ST

MANKEY
MAHER
TOLLISON
H. JACKSON

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	
T.B.M. "B" (Fd.)				14.46	T.B.M. - B EL=14.46 Fd. B.S. set in Lead in So. curb of 22nd St. 42.5' E. of Ctr of STRAND. Par. F.B. 3236-88
T.B.M. 22nd E (set)				13.85	T.B.M. 22nd E. EL=13.85 F.B. 3236-112 Strand & 22nd St, Hermosa Bch., a C.E. Tag in E. edge Strand at Split of 22nd St. Cbs, Loc. F.B. 3236-110
T.B.M. 22nd W (set)				13.43	T.B.M. 22nd W. EL=13.43 F.B. 3236-112 Strand & 22nd St, Hermosa Bch., a C.E. Tag in W. edge Strand, 1.5' from Blk Wall, at 90° to Split of cbs at end of 22nd St, Loc. F.B. 3236-110
T.B.M. "B"				14.46	(See Above)

Profile
Plotted No.
Date
Checked X-Sec.
Date
Notes Red No.
Date
Notes Chk'd.
Date
Job No. 8753.14 Division No.
Survey of HERMOSA CITY BCH. RESTROOMS
Survey by T. MANKEY Notes J. MAHER
Indexed G. D. BAILEY Date JAN 21 1974

3236 112

F.B. 3236 PG. 113

Profile No. | Notes Red | Plotted | Job No 8755.22 | Division No.
Date | Date | Survey of MANHATTAN BEACH - ADMIN. HEAD. BLDG.
X-Sec. No. | Notes Chkd. | Checked | Survey by R.L. STRADER | Notes R.L.S. | Date 2-7-74
Date | Date | Map No. | Indexed G. D. BAILEY | Date MAR 5 1974

MANHATTAN BEACH

DEPARTMENT OF BEACHES

HEADQUARTERS BUILDING

J.N. 8755.22

VERTICAL CONTROL FOR PROPOSED RESTROOM FACILITIES @ 26TH STREET & THE STRAND

FEB. 7, 1974

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

REFERENCE

F.B. 3236

SURVEY PARTY

R. STRADER
R. DOVER
H. MITCHELL
G. RODGERS

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76-L298 CE 307 3-61

76-L298 CE 307 3-61

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Do not extend notes this side of this line.

F.B. 5236 PG. 114 Job No. 875524 Division No. Notes Red Plotted Profile
Survey of DEPT. OF BEACHES ADMIN. HEAD BLDG. Date No. X-Sec.
Survey by P.L. STRADER Notes R.L.S. Notes Chkd. Checked
Indexed G.D. BAILEY Date MAR 5 1974 Date Date No.

STATION	B.S.	H.I.	F.S.	ELEV.		
T.P.#2	3961	65 930		61 969	T.P.#2 ELEV.= 61.969 PER F.B. 3236-41 MANHATTAN AVE. & 27TH, S.W.'LY CORNER, FOUND L&T IN CURB RETURN, 5'± N'LY OF SO. END CURB RETURN	
TP	0778	60 667	6041	59889		
TP	0391	50 584	10474	50193		
T.P.#1	0827	43 551	7860	42724	T.P.#1 ELEV.=42.722 PER F.B. 3236-40 OCEAN DR. & 26TH ST., N.W.'LY COR., FOUND L.A.CO. ENG'R. TAG & LEAD IN CONC. CATCH BASIN @ S.E. PROP. COR. PER F.B. 3236-32	
TBM#2 MON.	4566	38 215	9902	33649	FD. COPPER WIRE IN CONC. PLUG, DN. 2" IN IRON WELL @ INTER. OF 26TH ST. & EASTERLY BOUNDARY LINE OF THE STRAND PER F.B. 3236-31	
TBM#3 C.E. TAG	11765	44 455	5525	32690	FD. L.A.CO. ENG'R. TAG IN LEAD IN CENTER OF CONC. HEADWALL @ INTER. OF 27TH ST. & EASTERLY BOUNDARY OF THE STRAND PER F.B. 3236-27	
TBM#4 C.E. TAG	11648	53 986	2117	42338	FD. L.A. CO. ENG'R. TAG IN LEAD IN CONC. CURB RETURN @ S.W.LY COR. OF INTER. OF 27TH ST. & OCEAN DR. PER F.B. 3236-28	
TP	11772	64696	1062 [illegible]	52924		
T.P.#2			27723	61973	T.P.#2 SEE DESCRIPTION ABOVE	

4

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

Survey of SO BAY BICYCLE TRAIL F. B. 3236 PG. 115
JN 9912.02 Tape 2 11 Std 85 °F
Surveyed by R.C. DALE
Notes RCD Date 2-11-74
Indexed G. D. BAILEY MAR 5 1974

JN 9912.02

SOUTH BAY BICYCLE TRAIL

LOCATION OF PROFILE AT THE END OF 8TH ST. IN THE MANHATTAN BEACH AREA.

2-11-74

DALE
WACKER
DIETZ

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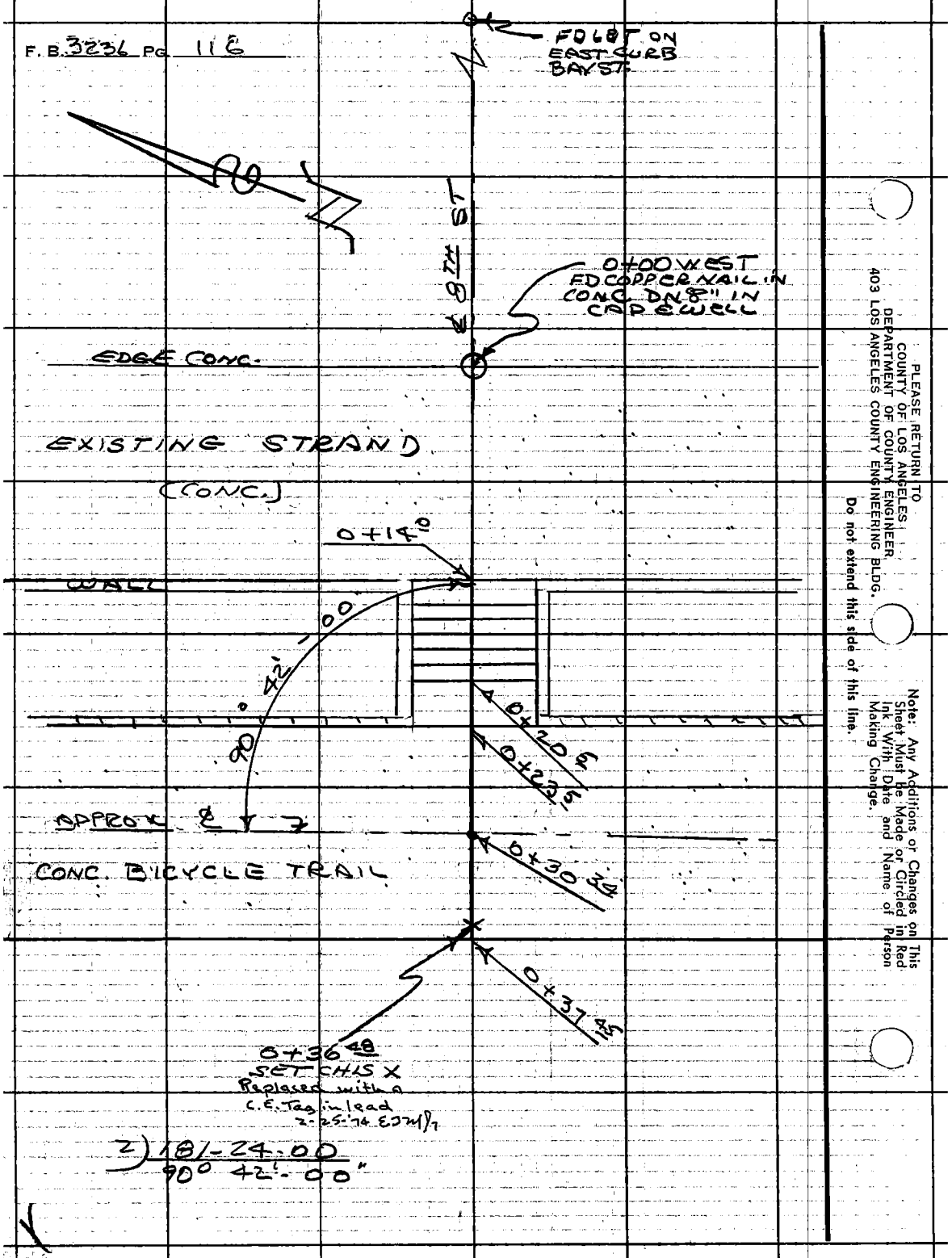
403 LOS ANGELES COUNTY ENGINEERING BLDG.

F6F309S CE#310.3-69

F. B. 3236 Pg. 116



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Profile No. | Notes Red | Plotted | Job No 9912.02 | Division No. | F. B. 3236 | PG. 117
Date | Date | Survey of SOUTH BAY BICYCLE TRAIL
X-Sec. No. | Notes Chk'd. | Checked | Survey by R.C.D. | Notes R.C.D. | Date 2-1-74
Date | Date | Map No. | Indexed G. D. BAILEY | Date MAR 5 1974

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

JN 9912.02

SOUTH BAY BICYCLE TRAIL

PROFILE AT THE END OF 8TH ST. FOR CONST. OF REST ROOM. MANHATTAN BEACH AREA

DALE
WACKER
DIETZ

NOTE

THE ELEVATION OF BM 21-28 IS BASED ON MEAN LOW LOW WATER

76-L-298 CE 307 5-69

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
FD Bm 21-28	5.99	30.87		24.88	BM 21-28 MLLW ELEV - 24.88 FB2100-165 THE STRAND & MANHATTAN BEACH BLVD (CTR ST) 27' SWLY FROM WEST EDGE CONC. SIDEWALK & 3.7 S.E.LY FROM ℄ MANHATTAN BEACH BLVD. C.S. MON IN H.H. MKD TORRANCE C-2"	
	6.44	32.73	4.58	26.29		
	5.62	34.55	3.80	28.93		
	4.09	33.17	5.47	29.08		
	6.14	33.56	5.75	27.42		
SET T.B.M.	3.90	33.37	4.09	29.47	TBM MLLW EL=29.47 = M.S.L. EL=26.50' F.B. 3841-114 END OF ℄ 8TH ST & EAST EDGE STRAND. FD COPPER NAIL IN CONC. DN 8" IN CAP & WELL	
	5.75	33.21	5.91	27.46		
	5.27	34.44	4.04	29.17		
	4.03	32.96	5.51	28.93		
	4.72	31.01	6.67	26.29		
Bm 21-28			6.13	24.88	SEE ABOVE	
PROFILE & X SECTION AT 8TH ST						
TBM	3.87	33.34		29.47	LEFT SEE ABOVE	RIGHT
0+00			3.24	30.10		℄ TOP OF CONC.
0+14			3.51	29.83		℄ TOP STEP
0+20.5			6.61	26.73		℄ BOT STEP
0+23.5			6.67	26.67		℄
"			6.46	26.88	50° BOTWALL EDGE CONC	
"			6.29	27.05	100° " " " "	
"			6.42	26.92		50° BOTWALL EDGE CONC
"			6.17	27.17		100° " " " "

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red Date Notes Chk'd. Date
Division No. Job No. 9912.08
Survey of SO BAY BICYCLE TRAIL
Survey by R.C. DALE Notes R.C.D. Date MAR 5 1974
Indexed G.D. BAILEY
F. B. 3236 PG. 118

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	LEFT	RIGHT
0+37 45		33.34	6.87	26.47		℄ EDGE CONC
			6.72	26.62	50° EDGE CONC	
			6.53	26.81	100° " "	
			6.68	26.66		50 EDGE CONC
			6.46	26.88		100 " "
			3.87	29.47	TBM. ELEV = 29.47 MLLW SEE PAGE 114	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 99K202 Division No. ____ F.B. 3236 Pg. 119
Date ____ Date ____ Survey of SOUTH BAY BICYCLE TRAIL
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by R. LOAIE Notes RCA Date ~
Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date MAR 5 1974

Profile No. | Notes Red | Plotted | Job No 8755.06 | Division No. 11 | F. B. 3236 | PG. 121

X-Sec. No. | Date | Date | Survey of Man. Bch. Restroom 8th St.

Notes Chk'd. | Checked | Survey by Tom Manke | Notes Tom M | Date 2-25-74

Date | Date | Map No. | Indexed G. D. BAILEY | Date MAR 5 1974

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

J.N. 8755.06

MANHATTAN BEACH REST ROOMS

8TH STREET

BENCH LEVELS

Manke
Maher McCall
H. Jackson

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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F.B. 3236 122 | Job No. 8755.06 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of Main Blvd. Restreams 8th ST Date ____ No. ____
Survey by Tom M. Notes Tom Mankey Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed by D. BAILEY Date MAR 5 1974 Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.	
T.B.M. Fd.				26.50	T.B.M. M.S.L. EL. = 26.50 (M.L.L.W. EL. 29.47) F.B. 3236-118 End of ℄ 8th ST. & East Edge Strand Copper nail in Conc., Dn. 8" in Well, protected by C.I. Cover
No. Rim	(See P.T. SH. G.501) S.S.M.H. near S.E. Prop. Cor 8TH ST. & STRAND			26.80	outlet so. 26.78 Rim EL. − 1.83 Rim to F.I. 8" V.C.P. 24.95 INV. Inlet No. 26.80 − 1.83 Rim to 8" V.C.P. 24.97 INV. Inlet E. 26.80 − 1.83 24.97 INV.
So. Rim		"		26.78	
No. Rim	(See P.T. SH. G501) S.S.M.H. near ctr. Strand & 8th ST.			26.78	
So. Rim		"		26.78	Rim EL. 26.78 − 11.60
INV. OF 26" Trunk LN. flowing N'ly				15.18	15.18 INV. Direct 26" V.C.P.
T.B.M. Set				23.52	T.B.M. M.S.L. EL. = 23.52 F.B. 3236-122 STRAND & 8TH ST. A Co. Eng. tag in W'ly edge of new Bike Trail on W'ly prod of 8th ST. ℄, shown in F.B. 3236 − 116
T.B.M. Fd.				26.50	(See Above)

Notes Ck'd by R. MANOR	Survey of So. Bay Bicycle Trail
Map No.	JN 9912.02 Tape 197 Std 8 4 °F
Office Work	Surveyed by Tom Mankey
Checked	Notes TomM. Date 3-74
Date MAR 25 1974	Indexed G. D. BAILEY MAR 22 1974

F. B. 3236 PG. 123

J.N. 9912.02

SOUTH BAY BICYCLE TRAIL

CONTROL LINE P.T. SH. NO

FOR

LOCATION OF

BIKE TRAIL IN MANHATTAN BCH.

at

ROSECRANS AVE

Mankey
McCall-Maher
Tollison
H. Jackson

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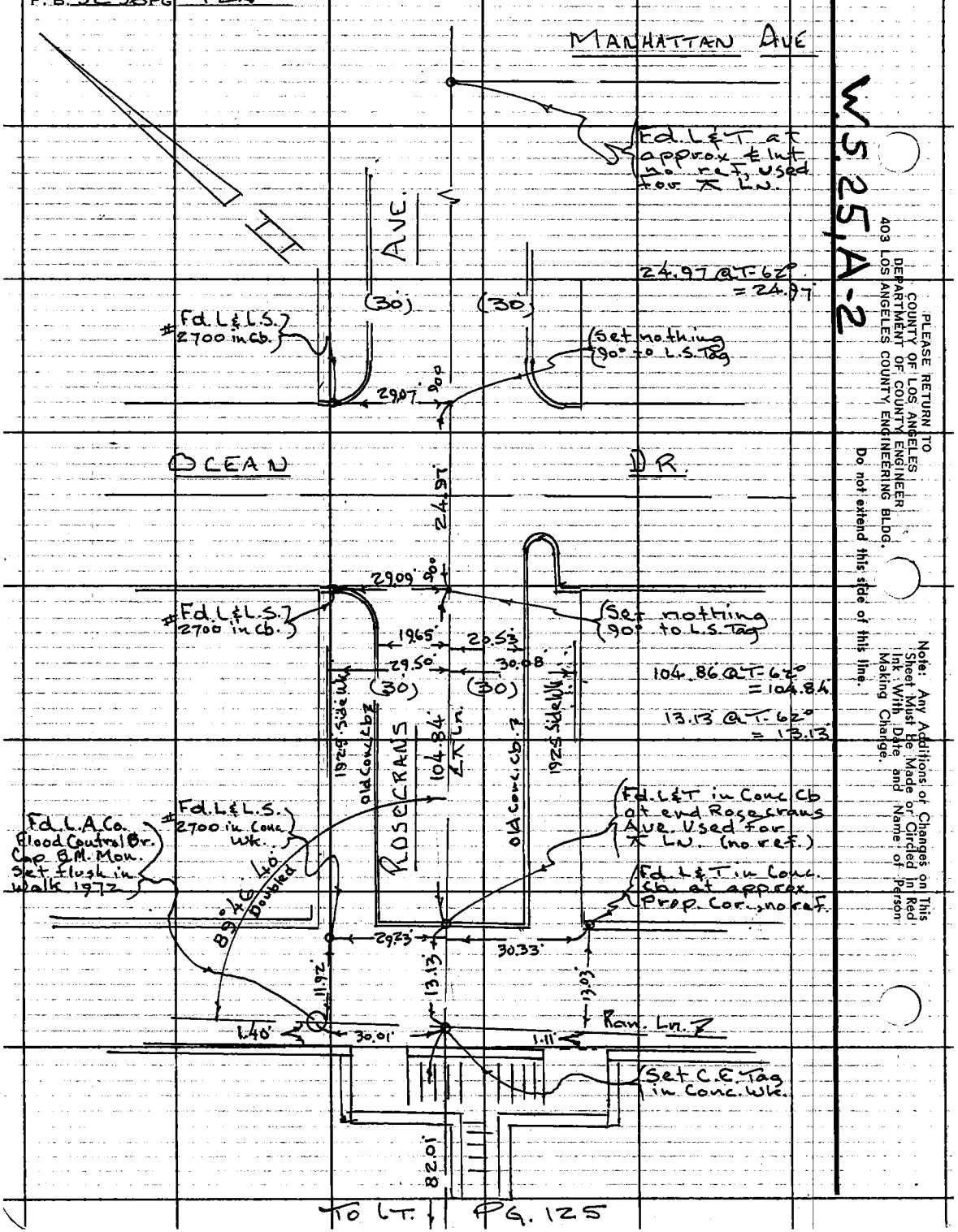
16F309s CE#310 3-69

F.B. 3236 PG 124



To Lt. Pg. 125

W.S. 25, A-2

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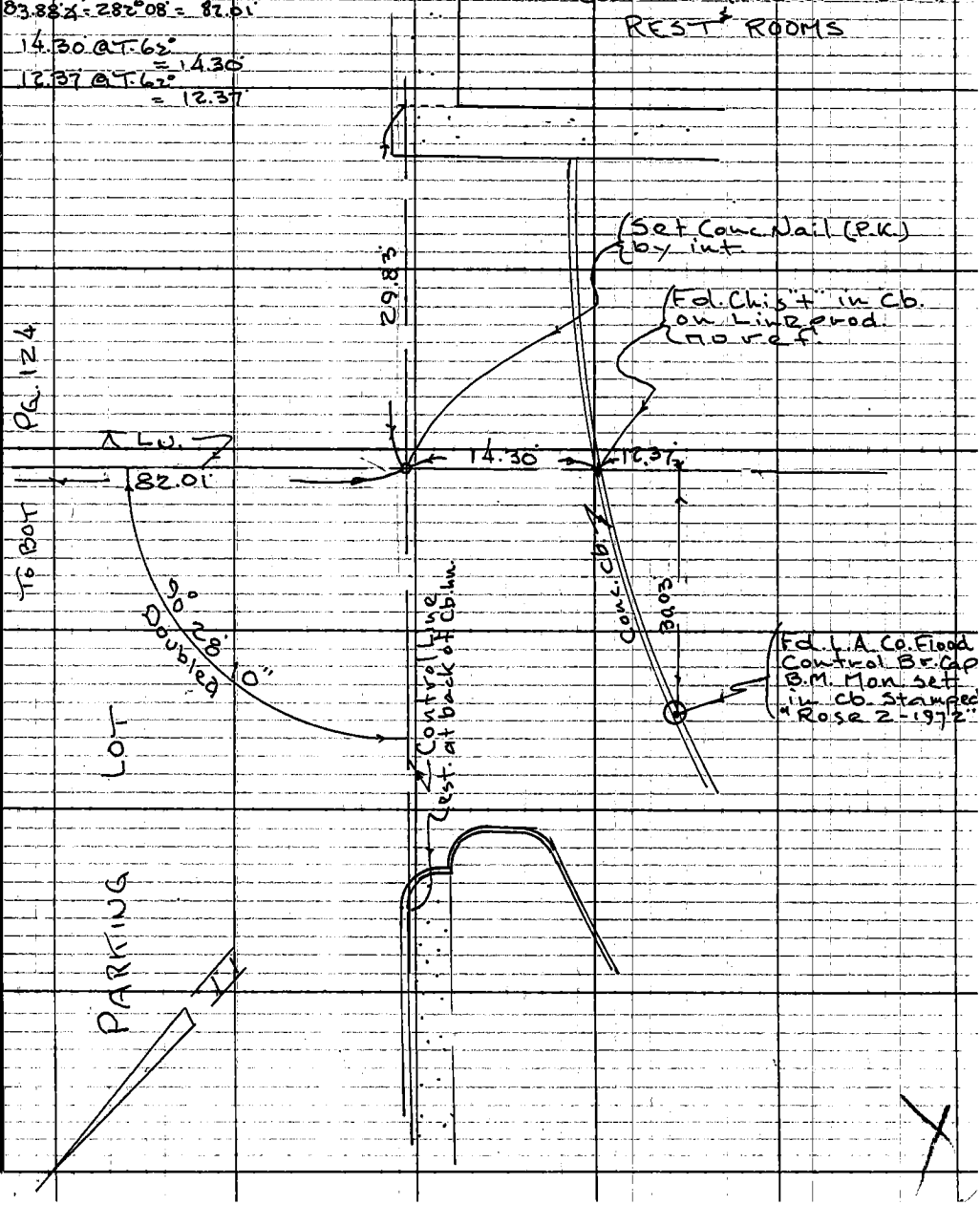
Notes Ck'd by R. MANOR	Survey of So Bay Bicycle Trail
Map No.	JN 991202 Tape 197 Std 84 °F
Office Work	Surveyed by Tom Mankey
Checked	Notes Tom M. Date 3-74
Date MAR 25 1974	Indexed G. D. BAILEY MAR 22 1974

F. B. 3236 PG. 125

83.79 @ T-62°
83.78 ∡ = 281°52' = 82.00'
83.89 T-62°
83.88 ∡ = 282°08' = 82.01'
14.30 @ T-62° = 14.30'
12.37 @ T-62° = 12.37'

DEPT. OF BEACHES
CO. OF LOS ANGELES BLDG.
REST ROOMS



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76F309S CE#310 3-69

Notes Ck'd by T. [illegible]	Survey of HERMOSA BEACH COMFORT STN (14TH ST.)
Map No.	JN 8753.14 Tape Std °F
Office Work	Surveyed by R.B.H.
Checked	Notes R.B.H. Date 1-3-75
Date	Indexed T. M. PALMERI APR 1 & 75

F. B. 3236 PG. 127

HERMOSA BEACH COMFORT STATION - FOURTEENTH ST.

J.N. 875314

HORIZONTAL CONTROL FOR PLANE TABLE SHEET

REF.: F.B. 2100-20,21
F.B. 3236-54, 57, 64, 101
LETTER # 6522

APRIL 3RD 1975
HOBSON
YASUI
BANKSON
DRIEBE

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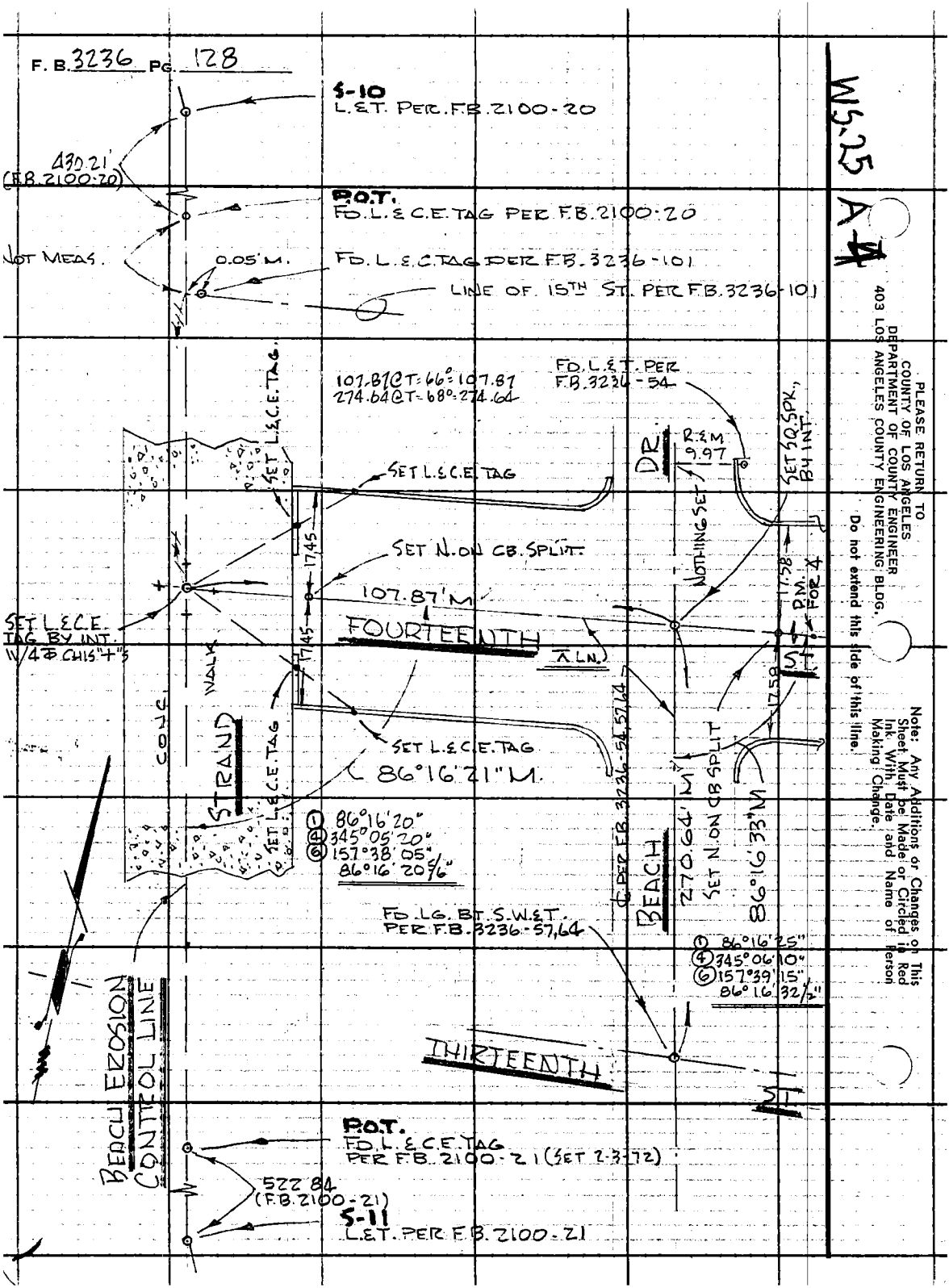
76F309S CE#310 3-69


F. B. 3236 PG. 128
S-10
L.&T. PER F.B. 2100-20
430.21'
(F.B. 2100-20)
P.O.T.
FD. L. & C.E. TAG PER F.B. 2100-20
NOT MEAS.
0.05' M.
FD. L. & C. TAG PER F.B. 3236-101
LINE OF 15TH ST. PER F.B. 3236-101
107.87 @ T=66°=107.87
274.64 @ T=68°=274.64
FD. L. & T. PER F.B. 3236-54
SET L.&C.E. TAG
SET L.&C.E. TAG
DR.
R.&M. 9.97
SET SQ. SPK., BY INT.
NOTHING SET
17.45
SET N. ON CB. SPLIT.
107.87' M
17.58
P.M. FOR 4
SET L.&C.E. TAG BY INT. W/4 ⊕ CHIS "+"'s
FOURTEENTH
⊼ LN.
ST.
WALK
CONC.
STRAND
SET L.&C.E. TAG
SET L.&C.E. TAG
86°16'21" M.
℄ PER F.B. 3236-54, 57, 64
270.64' M
SET N. ON CB SPLIT
86°16'33" M
BEACH
① 86°16'20"
④ 345°05'20"
⑥ 157°38'05"
86°16'20 5/6"
FD. LG. BT. S.W.&T. PER F.B. 3236-57, 64
① 86°16'25"
④ 345°06'10"
⑥ 157°39'15"
86°16'32 1/2"
BEACH EROSION CONTROL LINE
THIRTEENTH
ST.
P.O.T.
FD. L. & C.E. TAG PER F.B. 2100-21 (SET 2-3-72)
522.84
(F.B. 2100-21)
S-11
L.&T. PER F.B. 2100-21
WS-25 A-4
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Profile No. | Notes Red | Plotted | Job No. 8753.14 | Division No. 11 | F. B. 3236 | PG. 129

Date | Date | Survey of HERMOSA BEACH COMFORT STA. (14TH ST.)

X-Sec. No. | Notes Chk'd. T. ARF | Checked | Survey by R.B.H. | Notes C.Y | Date 4-4-75

Date | Date | Map No. | Indexed M. PALMERI | Date APR 14 '75

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

HERMOSA BEACH COMFORT STATION - FOURTEENTH ST

BENCH LEVELS TO ESTABLISH VERTICAL CONTROL FOR P.T. SHEET

M.L.L.W. DATUM

APRIL 4TH 1975
HOBSON
YASUI
BANKSON
PRIEBE

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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F. B. 3236 PG. 130 | Job No 8153.14 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of HERMOSA BEACH COMPOSITE STA. (14TH ST.) Date ____ No. ____ X-Sec. ____
Survey by R.B.H. Notes C.Y. Notes Chk'd. ____ Checked ____ No. ____
Indexed T. M. PALMERI Date ____ Date ____ Date ____

STATION	B. S.	H. I.	F. S.	ELEV.	
BM S-10	5.087	21.872		16.785	BM S-10 ELEV = 16.785 (M.L.L.W.) F.B. 2100-163 FD. LET ON CONC WALK ON STRAND ON APPROX BOUNDARY LINE BETWEEN HOUSE # 1928 & HOUSE SOUTH
	4.928	21.762	5.038	16.834	
	5.280	21.680	5.362	16.400	
	5.400	21.733	5.347	16.333	
	5.199	21.680	5.252	16.481	
	4.865	21.515	5.030	16.650	
	5.509	21.657	5.367	16.148	
TBM	5.490	21.738	5.409	16.248	T.B.M. ELEV = FOURTEENTH ST. (HERMOSA BEACH) AND THE STRAND.
	5.598	21.776	5.560	16.178	NORTH CURB FOURTEENTH ST, 38.4 FT. EAST FROM WEST EDGE OF 3.0 FT. CONC WALL. SET BT. SPK. IN LD.
	5.240	21.776	5.240	16.536	
TBM,	5.191	21.722	5.245	16.531	TBM, ELEV = 13.550 (M.S.L.) F.B. 3236-92 FD L.A Co. F.C.B.M. H.B.A-3 ON STRAND 17' N.E. OF 16TH ST
	5.040	21.734	5.028	16.694	
	5.178	21.837	5.075	16.659	
	5.170	21.967	5.040	16.797	
BM S-10			5.180	16.787	B.M. S-10 ELEV. = 16.785 (M.L.L.W.) SEE ABOVE FOR DESCRIPTION

Notes Ck'd by
Map No.
Office Work
Checked A. JACKSON
Date 5-7-76

Survey of COASTAL SURVEYS
JN 030002 Tape — Std — °F
Surveyed by W.A. RICHARDS
Notes W.A.R. Date 9-13-76
Indexed G. D. BAILEY MAY 7 1976

F. B. 3236 PG. 131

J. N. 0300.02

COASTAL SURVEYS

LOCATION AND ELEVATIONS OF VENICE LIFEGUARD STA.

HOR. CONTROL REF: FB. 2100 PG. 54-56, INC.
VERT, " " " " " 175
" DATUM = M.L.L.W.

RICHARDS
TURRILL
BUSTRUM

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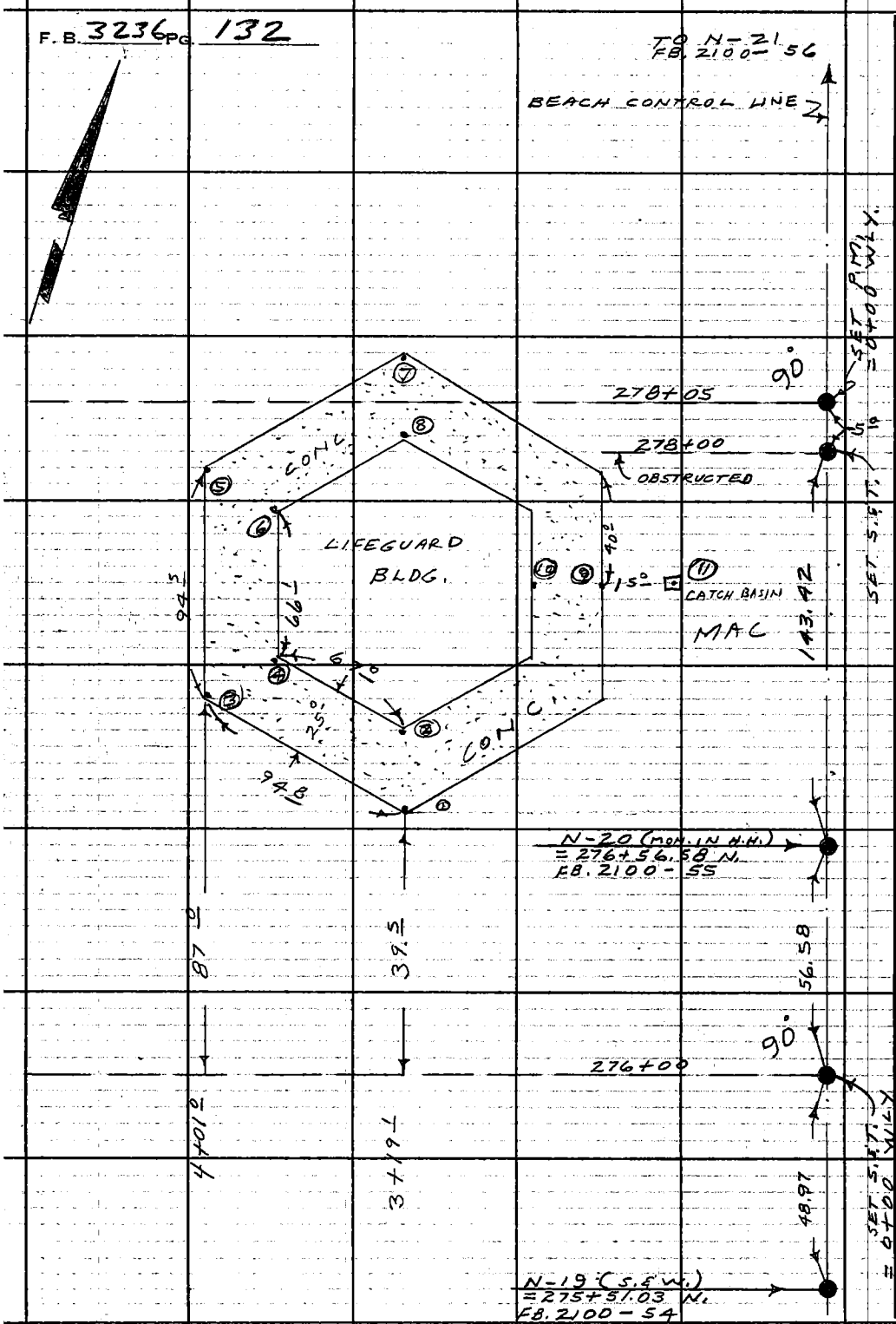
76F3095 CE#310 3-68

F.B. 3236 PG. 132



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1450

Profile No. | Notes Red | Plotted | Job No. 0300.0 | Division No. 11 | F.B. 2256 PG. 133

X-Sec. No. | Notes Chk'd. H. JACKSON | Checked | Survey of COASTAL SURVEYS

Date 5-7-76 | Date | Survey by Richards | Notes W.A.R. | Date 4-13-76

Map No. | Index G. D. BAILEY | Date MAY 7 1976

J.N. 0300.02

COASTAL SURVEYS

PROFILE ELEVATIONS ON RANGE LINES 276+00 N E 278+00 N, AND ELEVATIONS OF WESTERLY CORNERS OF VENICE LIFE-GUARD STATION.

CONTROL LINE REF; FB. 2100 PG. 3 59-56, INC

VERTICAL " " " " 175

" DATUM " = M.L.L.W.

OFF SETS ARE FROM BEACH CONTROL LINE

RICHARDS
TURRILL
BUSTRUM

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

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76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	VENICE BEACH
B.M. N-19				13.91	B.M. N-19 ELEV. = 13.911 FB. 2100-175
					LEFT & WEST ↑ RIGHT
RANGE 275+75				11.9	368 TOP SCARP.
				6.4	400 BOT. "
				2.7	450 SAND
RANGE 276+00				13.1	150 SAND
(THIS LINE IS ALONG TOP OF GROIN)				13.2	200 "
				13.6	250 "
				13.3	300 "
				13.0	350 "
				13.3	400 "
				14.4	450 "
				13.4	500 " & ROCKS - TOP OF GROIN
RANGE 276+25				13.8	450 SAND -
				16.2	493 " - TOP TEMP DIKE
				9.9	505 " - BOT. DIKE
				5.4	550 " SAND

F.B. 3236 PG. 134 Job No. 0300.02 Division No. 11 Notes Red Plotted Profile
Survey of COASTAL SURVEYS Date Date No.
Survey by RICHARDS Notes W.A.R. Notes Chk'd H. JACKSON Checked X-Sec.
Indexed G. D. BAILEY Date MAY 7 1976 Date 5-7-76 No.

76-L-298 CE 307 5-66

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T.P. 13.79
T.P. 3.68

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	LEFT & WEST ⊼ RIGHT & EAST
RANGE 278+05				13.54	150' MAC.
				13.33	200' "
				13.19	250' "
				13.79	300' CONC.
				13.68	350' CONC.
				15.7	400' SAND
				12.5	450' "
				12.3	480' BOT DYKE
				16.1	496' TOP DYKE
				16.0	502' " "
				12.0	510' BOT "
				4.7	550' SAND
ELEVATIONS AROUND LIFEGUARD STATION — SEE PG 132 FOR SKETCH					
1				13.23	COR. CONC. WK.
2				14.33	" " " @ BLDG COR.
3				13.78	" " "
4				14.37	" " " @ BLDG. COR.
5				14.04	" " "

Profile No. ____ Notes Red ____ Plotted ____ Job No. 03000 — Division No. 11 F.B. 3236 PG. 135
X-Sec. No. ____ Date ____ Date ____ Survey of COASTAL SURVEYS
Notes Chk'd. H. JACKSON Checked ____ Survey by RICHARDS Notes W.A.R. Date 4-13-76
Date 5-7-76 Date ____ Map No. ____ Index B.D. BAILEY Date MAY 7 1976

76-L-298 CE 307 5-66

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F. B. 3236 Pg. 136 | 030002 Job No. Division No. 11 Notes Red Plotted Profile
Survey of COAST & SURVEYS Date Date No.
Survey by RICHARDS Notes W.A.R. Notes Chk'd. H.W.K.&M Checked X-Sec.
Indexed G. D. BAILEY Date MAY 7 1976 Date 5-7-76 Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
6				14.37	COR. CONC. WK.	④ BLDG. COR.
7				13.22	" " "	
8				14.35	" " "	④ BLDG COR.
9				13.28	EDGE CONC. WK.	
10				14.32	" " "	@ BLDG. LINE
11				13.02	TOP OF GRATE OF CATCH BASIN,	

Profile No. | Notes Red | Plotted | Job No. 030007 | Division No. 11 | F. B. 5256 PG. 137
Date | Date | Survey of VENICE LIFEGUARD STATION
X-Sec. No. | Notes Chk'd. H JACKSON | Checked | Survey by RICHARDS | Notes N.A.R. | Date 5-5-76
Date 5-7-76 | Date | Map No. | Indexed E. D. BAILEY | Date MAY 7 1976

J. N. 0300.07

VENICE LIFEGUARD STATION

EROSION STUDIES

ADDITIONAL ELEVATIONS ON RANGE LINES 276+25 & 278+05

SEE FOR PREVIOUS WORK

NOTE: 0/S IS FROM BEACH CONTROL LINE

STATION	B. S.	H. I.	F. S.	ELEV.
				RICHARDS
				MOODY
				TURRILL
				BUSTRUM
				HARRIET

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76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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STATION	B. S.	H. I.	F. S.	ELEV.	
# 6	1 88	16 25		14 37	COR. CONC. WK. @ BLDG. COR., PG. 132 & 136
TP			11 35	4 90	LEFT & WEST
RANGE 276 +25			7 7	8 6	500'
	0 27	5 17		4 90	
			23	+29	561'
			54	-02	619'
			70	-18	664'
			79	-27	699'
			114	-62	748'
			139	-87	782'
			150	-98	800'
RANGE 278+05			+27	+79	500' (Plus rod)
			26	+26	553'
			54	-02	605'
			71	-19	655'
			102	-50	702'
			124	-72	736'
			140	-88	765'

Profile No. X-Sec. No.
Plotted Date
Notes Red Date
Notes Chk'd. H. Hackman Date 5-7-76
Checked Date
Division No. 11
Job No. 0300.02
Survey of VENICE LIFEGUARD Station
Survey by RICHARDS Notes m.o.o.y
Indexed G. D. BAILEY Date MAY 7 1976

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

Survey of MANHATTAN BEACH C.B.
J.N. 0303.00 Tape 014 Std. 68 °F
Surveyed by TERRANOVA
Notes ALMANZAN Date 8-27-76
Indexed by M. PALMER SEP 8 1976

F. B. 3236 PG. 141

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MANHATTAN BEACH — CATCH BASINS

LOCATION OF C.B.'S @ INTERS.
MANHATTAN BEACH BLVD & STRAND.

J.N. 0303.00

AUGUST 27, 1976

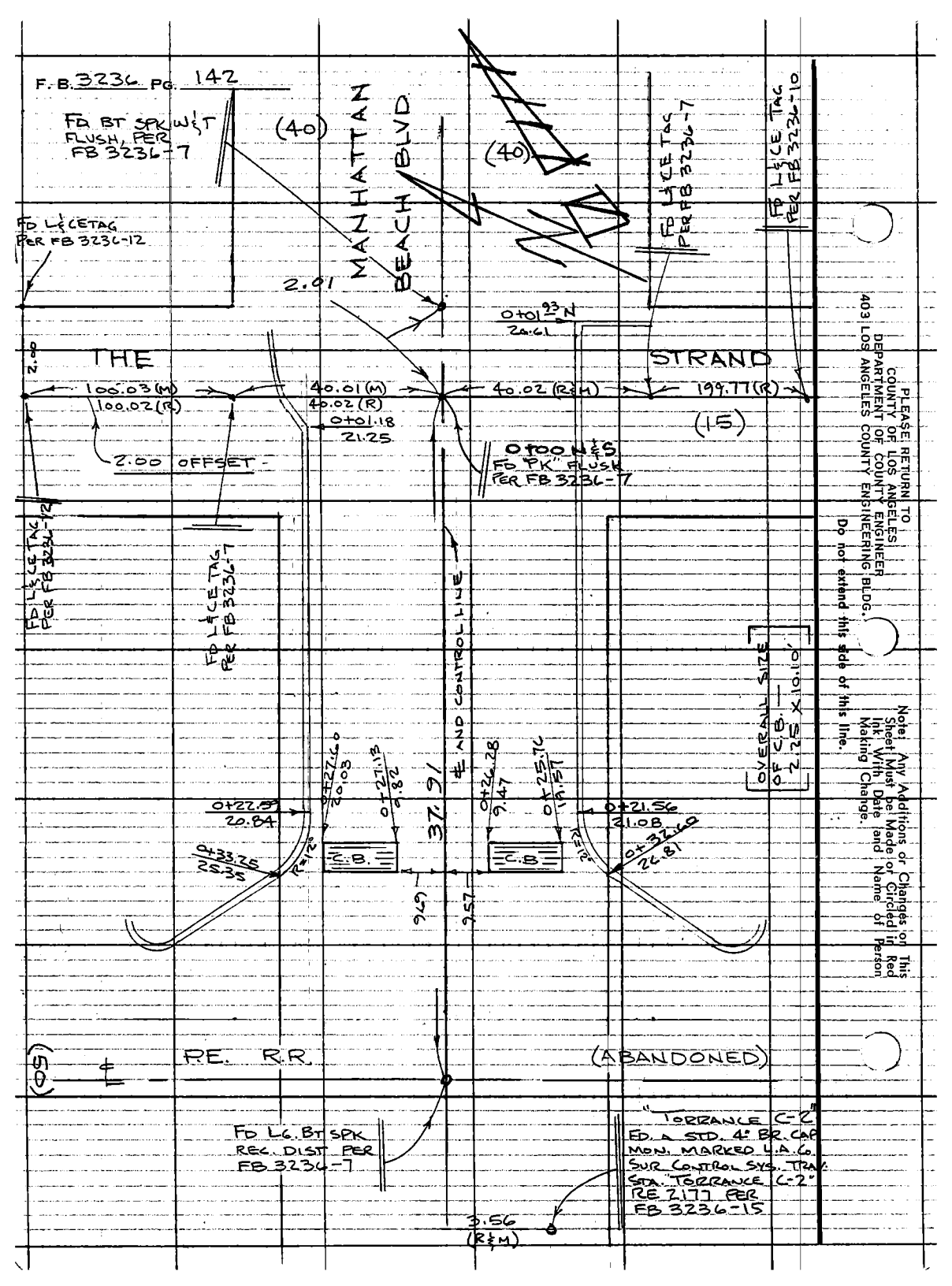
REFERENCE

FB 3236

PARTY

TERRANOVA
ALMANZAN
RODGERS

16F309S CE#310 3-69



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STATION	B. S.	H. I.	F. S.	ELEV.	VENICE LIFEGUARD STATION
		5 17			
			15 8	-106	800'
TP			0 28	489	ROCK
	12 00	16 89			
#6			2 51	14 38	COR. CONC. PG 138

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3236 PG. 139
Date ____ Date ____ Survey of VENICE LIFEGUARD Station
X-Sec. No. ____ Notes Chkd. H. JACKSON Checked ____ Survey by RICHARD Notes MOODY Date 5-5-76
Date 5-7-76 Date ____ Map No. ____ Index G. D. BAILEY Date MAY 7 1976

Notes Ck'd by	Survey of Hermosa Bch Rest Rm
Map No.	JN 6606.26 Tape Std °F
Office Work	Surveyed by Tom Maukay
Checked	Notes Tom M. Date 9-13-76
Date	Indexed L. M. PALMER JAN 14 1977

F. B. 3336 Pg. 147

J.N. 6606.26

HERMOSA BEACH REST ROOM

LAYOUT

Maukay
Huckaby
Lund

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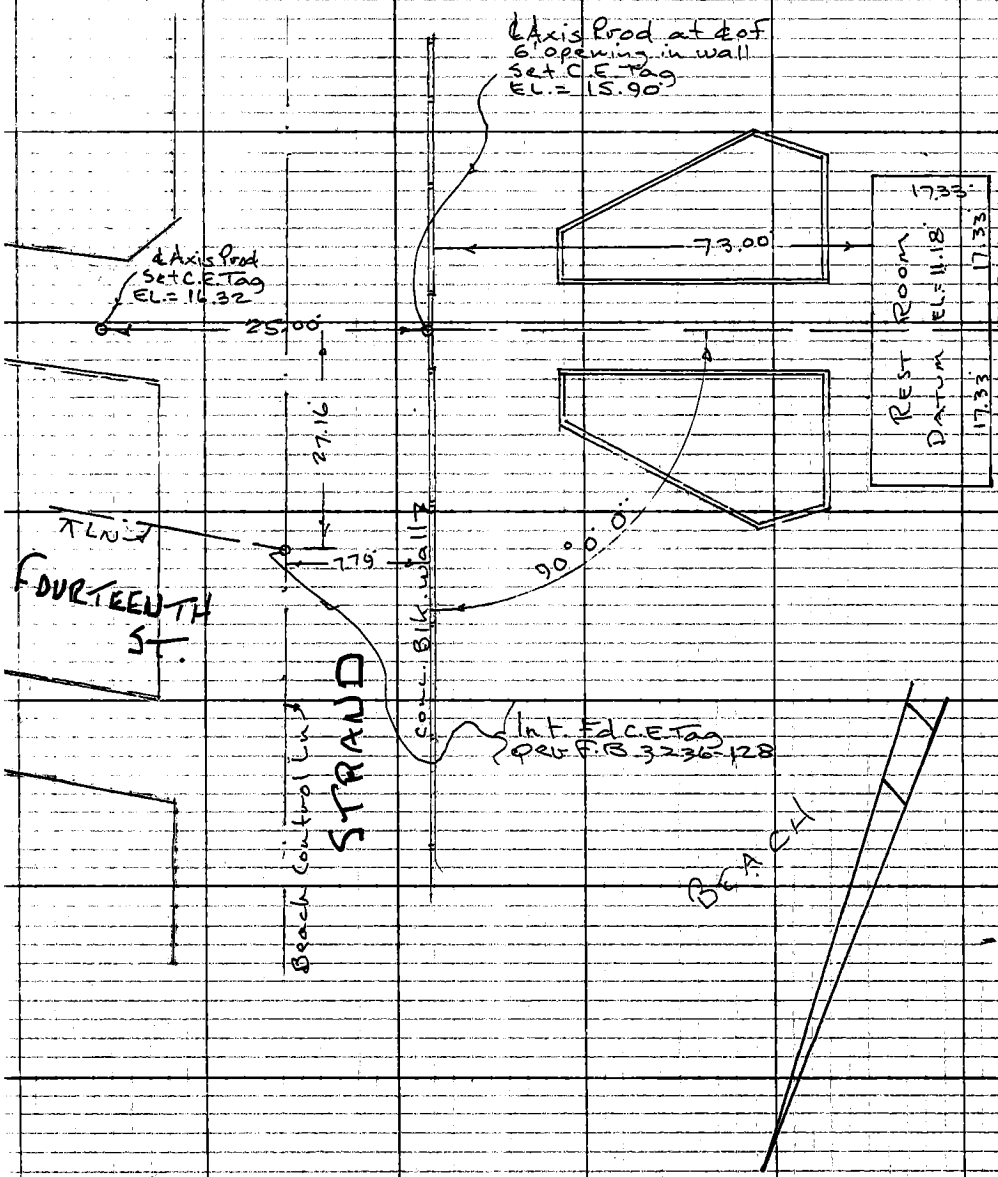
16F309s CE#310 3-69

F. B. 3236 PG. 148



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NOTES RED. JOB NO. 6606.26 SURVEY OF Hermosa Bch. Rest Rm | F. B. 3236 PG. 149

DATE SURVEY BY Tom Mankey

NOTES CHKD. NOTES BY Tom M DATE 9-13-76

DATE INDEXED JAN 14 1977 DATE L. M. PALMER

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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						J.N. 6606.26
						HERMOSA BEACH REST ROOM.
						14TH ST. & STRAND
						CONSTRUCTION BENCHS
						M.L.L.W. Datum

Mankey
Huckaby
Lund

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900 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

769420 S & E-353 9-55

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JOB NO. 6606.26 SURVEY OF Hermosa Beach Rest Room NOTES RED. DATE
SURVEY BY Tom Mankey
NOTES BY Tom M. DATE 9-13-76 NOTES CHKD.
INDEXED M. PALMER DATE 11-1-76 DATE

F.B. 3236 Pg 150

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.B.M. (fd.)	16.25				16.248'	T.B.M. 1975 EL=16.248 F.B. 3236-130 Fourteenth St. & Strand, Bt. 3pk. in lead in N.C.b. 14th ST, 38.4' East from Wedge of 3.0' Conc. Blk. Wall (in Strand)
T.B.M. (set)					15.90'	T.B.M. EL=15.90' F.B. 3236-150 Fourteenth St. & Strand. 7.8'W & 27.2' So. of ℄ Int. C.E. Tag on ℄ Axis New Bldg See Pg 148
T.B.M. (set)					16.32'	T.B.M. EL=16.32 F.B. 3236-150 Fourteenth St. & Strand 17.2'E & 27.2' So. of ℄ Int. C.E. Tag on ℄ Axis New Bldg See Pg 148
T.B.M. (fd.)	16.25				16.248'	T.B.M. 1975 EL.=16.248 F.B. 3236-130 See Above

Profile No. | Notes Red | Plotted | Job No. 6845.01 | Division No. 11 | F.B. 3236 PG. 151
X-Sec. No. | Date | Date | Survey of Las Tunas Beach Dev
Notes Clerk DIVERNAY | Checked | Survey by English | Notes Ed | Date 2-8-77
Date 4/21/77 | Date | Map No. | Indexed G. D. BAILEY | Date APR 20 1977

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

LAS TUNAS BEACH
DEVELOPMENT
PHASE I.
J.N. 6845.01
SAND BORROW SITE
AT DOCKWEILER BEACH.

Cross Sections Prior to Excavation.

Feb. 8, 1977.
English.
Caro.
Stroud.
Bradley.

76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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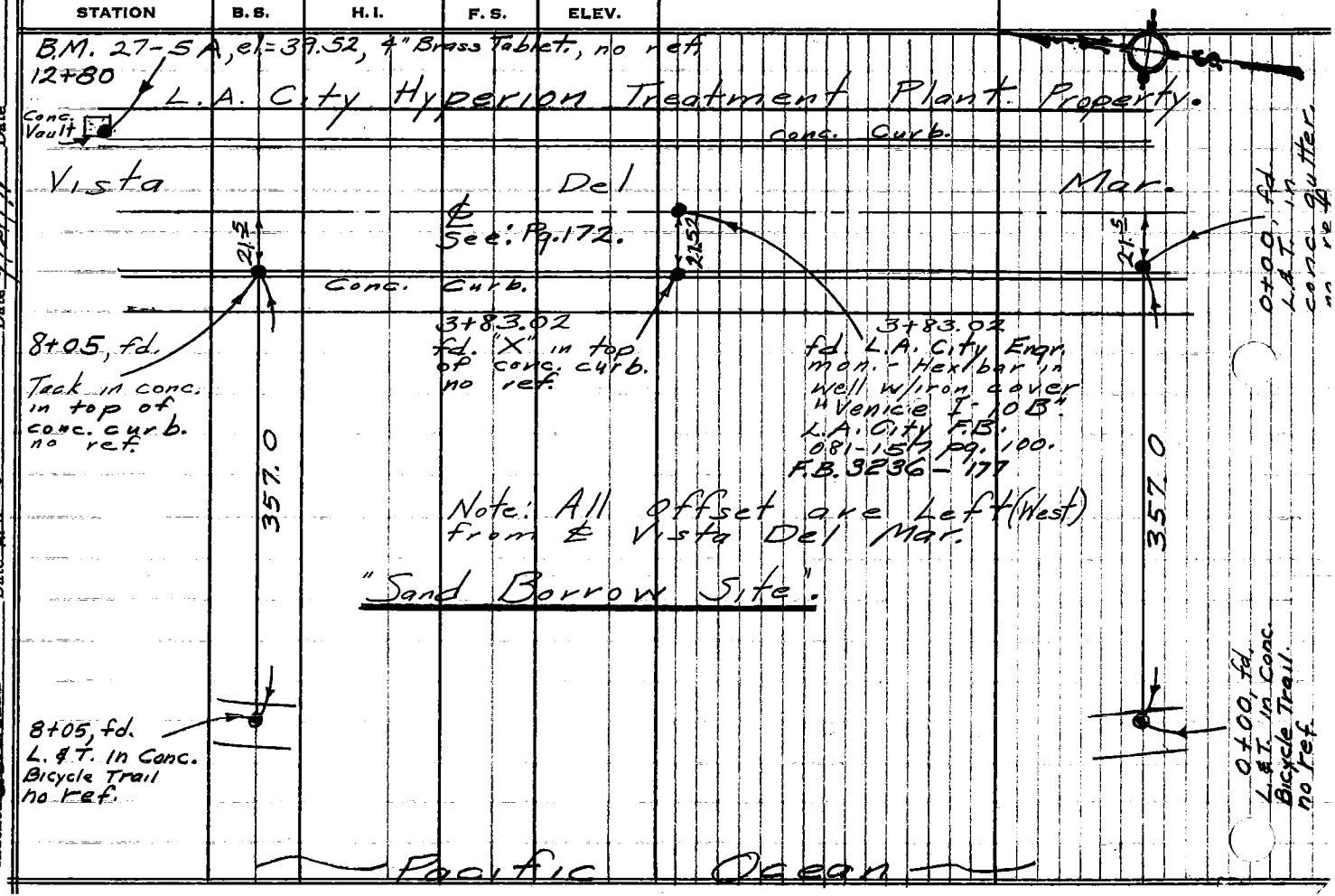
STATION	B.S.	H.I.	F.S.	ELEV.



F.B. 3236 PG. 152 | Job No. 6645.01 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Las Tunas Beach Dev. | Date | Date | No.
Survey by English | Notes Ed. | Notes Chkd DUVERNAY | Checked | X-Sec.
Indexed G.D. BAILEY | Date APR 20 1977 | Date 4/21/77 | Date | No.

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Profile No. _____ Notes Red _____ Plotted _____ Job No. 6845.01 Division No. 11 | F.B. 3236 PG. 153
X-Sec. No. _____ Date _____ Date _____ Survey of Los Tunas Beach Devel.
Notes Ck. DIVERNA Checked _____ Survey by English Notes Ed. Date 2-8-72
Date 4/21/72 Date _____ Map No. _____ Indexed G. D. BAILEY Date APR 20 1972

STATION	B. S.	H. I.	F. S.	ELEV.	Vista Del Mar (Left & West)
Cross Sections - Dockweiler Beach Borrow Site-before Excavation					
fd. B.M. 27-5A				39 52	U.S.G.S. B.M. 39.52, el: 39.52 4" Brass Tablet in top of conc. vault 1' in front of "Hyperion Treatment Plant" Administration Bldg.
T.P.				38 45	1x2 Stake
T.P.				39 19	" "
T.P.				41 39	" "
0+00				38 10	21.5 L. L & T. on conc gut. See pg. 152
				38 77	22.0 L. Top cb.
				41 3	35.0 L. Top brk. sand
				40 4	42.0 L. bot. " "
				40 2	50.0 L. "
				40 1	100.0 L. "
				38 9	150.0 L. "
				37 3	200.0 L. "
				35 8	250.0 L. "
				35 3	260.0 L. Top bank "
T.P.				35 92	1x2 Stk.
T.P.				26 74	" "

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F. B. 3236 Pg. 154 | 6845.01 Job No. Division No. 11 Notes Red Plotted Profile No.
Survey of Las Tunas Beach Devel Date Date X-Sec. No.
Survey by English Notes Ed. Notes Checked DUVERNAY Date 4/21/77
Indexed G. D. BAILEY Date APR 20 1977

STATION	B. S.	H. I.	F. S.	ELEV.	Vista Del Mar (Left & West)
0+00 T.P.				267	287.0 L. Slope Sand
				1775	1x2 Stk.
				166	321.0 L Toe Slope
				1566	357.0 L L. & T. in Conc. Bicycle trail

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STATION	B. S.	H. I.	F. S.	ELEV.	Vista Del Mar (Left & West)
0+50				3829	21.5 L. Painted "X" in Conc. gut.
				3899	22.5 L. Top Cb.
				418	33.0 L. " brk. Sand
				406	42.0 L. bot. " "
				402	50.0 L. "
				402	100.0 L. "
				387	150.0 L. "
				370	200.0 L. "
				356	250.0 L. "
				352	258.0 L. Top bank "
				267	285.5 L. Slope "
				161	324.0 L. toe " "
				1566	357.0 L. L&T. in Bicycle Trail See pg. 152.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6843.01 Division No. 11 F.B. 3236 Pg. 155
Date ____ Date ____ Survey of Las Tunas Beach Devel.
X-Sec. No. ____ Notes Chkd. DUVERNAY Checked ____ Survey by English Notes Ed. Date 2-8-77
Date 4/21/77 Date ____ Map No. ____ Indexed G. D. BAILEY Date APR 20 1977

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STATION	B. S.	H. I.	F. S.	ELEV.	Vista Del Mar (Left & West)		
1+00				38 58	21.5	L.	Painted "X" on conc. gut.
				39 20	22.0	L.	top cb.
				42 8	32.0	L.	" brk Sand.
				40 7	42.0	L.	bot " "
				40 1	50.0	L.	"
				39 4	100.0	L.	"
				38 1	150.0	L.	"
				36 9	200.0	L.	"
				35 8	250.0	L.	"
				35 5	258.0	L.	top bank "
				26 7	286.0	L.	slope "
				16 7	321.0	L.	toe " "
				15 0	357.0	L.	"

F. B. 3236 PG. 156 | 6845.01 Job No. Division No. 11 Notes Red Plotted Profile
Survey of Las Tunas Beach Devel. Date Date No.
Survey by English Notes Ed. Notes Checked E. DUVERNAY Checked X-Sec.
Indexed G. D. BAILEY Date APR 20 1977 Date 4/21/77 Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	Vista Del Mar (Left & West)
1+50				3879	21.5 L. Painted "x" on conc. gut.
				3950	22.0 L. Top cb. Sand
				423	34.0 L. " brk. "
				411	39.0 L. bot. " "
				405	50.0 L. "
				400	100.0 L. "
				384	150.0 L. "
				370	200.0 L. "
				360	250.0 L. "
				356	257.0 L. top bank "
				266	284.5 L. Slope "
				171	318.0 L. toe " "
				148	357.0 L. "

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6845.01 Division No. 11 F.B. 3236 Pg. 157
Date ____ Date ____ Survey of Las Tunas Beach Devel.
X-Sec. No. ____ Notes Checked ____ Survey by English Notes Ed. Date 2-8-77
Date 4/21/77 Date ____ Map No. ____ Indexed G. D. BAILEY Date APR 20 1977

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F. B. 3236 Pg. 158 | Job No. 6845.01 | Division No. 11 | Notes Red | Plotted | Profile No.
Survey of Las Tunas Beach Level | Date | X-Sec. No.
Survey by English Notes Ed | Date | Checked:
Indexed G.D. BAILEY | Date APR 20 1977 | Notes G.K. SILVERNAY | Date 4/12/77

Vista Del Mar (Left & West)

STATION	B. S.	H. I.	F. S.	ELEV.				
2+00				39 09	21.5	L.	Painted "x" on Conc. gut.	
				39 74	22.0	L.	Top c.b.	
				42 7	34.0	L.	" brk.	Sand
				40 9	40.0	L.	bot. "	"
				40 6	50.0	L.		"
				39 7	100.0	L.		"
				38 4	150.0	L.		"
				37 2	200.0	L.		"
				36 3	250.0	L.		"
				36 1	256.0	L.	top bank	"
				26 6	283.0	L.	Slope	"
				17 9	312.0	L.	toe "	"
				15 14	353.0	L.	edge Conc. B. T.	
				15 08	357.0	L.	" " "	

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.	Vista Del Mar (Left & West)
2+50				3929	21.5 L. Painted "X" on Conc. gut.
				3996	22.0 L.
				433	36.0 L. To brk Sand
				414	43.0 L. bot " "
				410	50.0 L. "
				405	100.0 L. "
				386	150.0 L. "
				376	200.0 L. "
				360	250.0 L. "
				356	254.0 L. Top bank. "
				267	283.0 L. Slope "
				182	310.0 L. toe " "
				1550	348.0 L. edge Conc. B.T.
				1530	357.0 L. " " "

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6845.01 Division No. 11 F. B. 3236 Pg. 159
X-Sec. No. ____ Date ____ Date ____ Survey of Las Tunas Beach Devel.
Notes Checked ____ Survey by English Notes Ed. Date 2-8-77
Date 4/21/77 Date ____ Map No. ____ Indexed G. D. BAILEY Date APR 20 1977

76-L-298 CE 307 5-66

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F. B. 3236 PG. 160 | Job No. 68145.01 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Los Tunas Beach Devel. | Date | No.
Survey by English Notes Ed. | Notes Ch. Ed DUVERNAY | Date | X-Sec.
Indexed G.D. BAILEY | Date APR 20 1977 | Date 4/21/77 | No.

STATION	B. S.	H. I.	F. S.	ELEV.	Vista Del Mar (Left & West)
3+00				3947	21.5 L. Painted "X" on Conc. gut.
				4016	21.7 L. Top cb.
				436	33.0 L. " brk Sand
				420	41.0 L. bot " "
				416	50.0 L. "
				407	100.0 L. "
				387	150.0 L. "
				375	200.0 L. "
				364	250.0 L. "
				358	258.0 L. Top bank "
				267	284.5 L. Slope "
				187	309.5 L. Toe " "
				1594	342.0 L. edge Conc. B. T.
				1571	356.0 L. " " " "
				153	357.0 L. Sand

76-L-298 CE 307 2-63

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Profile No. _____ Notes Red _____ Plotted _____ Job No. 6845.01 Division No. 11 | F.B. 3236 Pg. 16
X-Sec. No. _____ Date _____ Date _____ Survey of Las Tunas Beach Devel.
Notes E.M. OLIVERNAV Checked _____ Survey by English Notes Cairo Date 2-8-77
Date 4/21/77 Date _____ Map No. _____ Indexed G. D. BAILEY Date APR 20 1977

STATION	B. S.	H. I.	F. S.	ELEV.	Vista Del Mar (left & west)
3+50				4013	21.5 L. Painted "X" on conc. ch.
				424	32.0 L. brk. sand.
				429	42.0 L. top " "
				414	47.0 L. bot. " "
				413	50.0 L. "
				410	100.0 L. "
				388	150.0 L. "
				376	200.0 L. "
				364	250.0 L. "
				362	255.0 L. top bank "
				268	285.0 L. slope "
				191	309.5 L. toe " "
				1628	336.5 L. edge conc. B. T.
				1605	350.5 L. " " " "
				152	357.0 L. sand.

76-L-298 CE 307 2-63

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Do not extend notes this side of this line.

F.B. 3236 Pg. 162 | Job No. 6845.01 Division No. 11 Notes Red Plotted
Survey of Los Lunas Beach Devel. Date Date No.
Survey by English Notes Caro Notes Checked Date X-Sec.
Indexed G. D. BAILEY Date APR 20 1977 Date 4/21/77 Date Profile No.

STATION	B. S.	H. I.	F. S.	ELEV.	Vista Del Mar (Left & West)
4+00				39 88	21.5 L. Painted "X" on conc. cb.
				41 7	25.0 L. top bnk Sand
				41 3	50.0 L. " "
				40 1	62.0 L. bot. " "
				41 1	77.0 L. " "
				40 6	100.0 L. "
				39 0	132.0 L. bnk "
				38 3	150.0 L. "
				37 3	200.0 L. "
				36 5	250.0 L. "
				36 2	256.0 L. top bank "
				26 8	284.0 L. slope "
				19 2	308.0 L. top " "
				16 16	330.5 L. edge conc. B. T.
				16 32	344.5 L. " " " "
				15 1	357.0 L. Sand

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Vista Del Mar (Left & West)
4+50				39 65	21.5 L. Painted "X" on Conc. Cb.
				41 1	23.0 L. brk. sand
				42 7	37.0 L. top " "
				40 5	46.0 L. bot. " "
				40 2	50.0 L. "
				39 7	100.0 L. "
				37 4	150.0 L. "
				37 1	200.0 L. "
				35 7	250.0 L. "
				35 3	257.0 L. top bank "
				26 7	283.0 L. slope "
				19 2	307.0 L. toe " "
				16 34	325.0 L. edge conc. B. T.

Profile Notes Red ____ Plotted ____ Job No. 6845.01 Division No. 11 F.B. 3236 Pg. 163
No. ____ Date ____ Date ____ Survey of Los Tunas Beach Devel.
X-Sec. Notes Chkd. E. DUVERNAY Checked ____ Survey by English Notes Caro Date 2-9-77
No. ____ Date 4/21/77 Date ____ Map No. ____ Indexed E. D. BAILEY Date APR 20 1977

76-L-298 CE 307 2-63

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STATION	B. S.	H. I.	F. S.	ELEV.	Vista Del Mar (Left & West)
5+00				39 44	21.5 L. Painted "X" on conc cb.
				43 1	34.0 L. top brk. Sand
				40 4	43.0 L. bot. " "
				39 4	50.0 L. "
				38 0	100.0 L. "
				38 6	150.0 L. "
				36 0	200.0 L. "
				34 9	250.0 L. "
				34 4	265.0 L. top bank "
				27 4	283.0 L. Slope "
				19 4	305.0 L. toe " "
				16 67	319.5 L. edge conc. B.T.

F.B. 3236 PG. 164 | 6070.01 Job No. Division No. 11 Notes Red Plotted Profile
Survey of Las Tunas Beach Devel. Date Date No. X-Sec.
Survey by English Notes Card Notes Checked E. DUVERNAY Checked No.
Indexed G. D. BAILEY Date APR 20 1977 Date 4/21/77 Date

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Profile Notes Red Plotted Job No. 6945.01 Division No. 11 | F.B. 3236 PG. 165
No. Date Date Survey of Los Tunas Beach Devel.
X-Sec. Notes E.C. DIVERNAY Checked Survey by English Notes Caro Date 2-9-77
No. Date 4/21/77 Date Map No. , Indexed G.D. BAILEY Date APR 20 1977

STATION	B. S.	H. I.	F. S.	ELEV.	Vista Del Mar (Left & West)
5+50				3927	21.5 L. Rain
				408	34.0 L. Top brk Sand
				397	41.0 L. bot. " "
				394	50.0 L. "
				397	58.0 L. brk "
				383	71.0 L. " "
				374	100.0 L. "
				359	150.0 L. "
				349	200.0 L. "
				340	250.0 L. "
				336	270.0 L. Top bank "
				261	288.0 L. Slope "
				197	305.5 L. Toe " "
				173	316.0 L. brk "
				1635	320.0 L. edge conc. B.T.

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	Vista Del Mar (Left & West)			
6+00				39 13	21.5	L.	Painted "X"	
				41 8	28.0	L.	top brk.	Sand
				39 5	43.0	L.	"	"
				39 1	54.0	L.	"	"
				40 2	60.0	L.	"	"
				38 3	69.0	L.	bot "	"
				36 4	100.0	L.		"
				35 7	150.0	L.		"
				34 7	200.0	L.		"
				33 7	250.0	L.		"
				32 7	270.0	L.	top bank	"
				26 3	287.0	L.	slope	"
				19 8	304.5	L.	toe "	"
				17 4	316.5	L.	brk	"
				16 11	321.5	L.	edge conc.	B.T.

F.B. 3236 PG. 166 | Job No. 6845.01 Division No. Notes Red 11 Plotted Profile
Survey of Las Tunas Beach Devel. Date Date No. X-Sec.
Survey by English Notes Caro Notes Checked Checked
Indexed G.D. BAILEY Date APR 20 1977 Date 4/21/77 Date No.

76-L-298 CE 307 2-63

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Profile Notes Red Plotted Job No. 6845.01 Division No. 11 F.B. 3236 Pg. 167
No. Date Date Survey of Las Tunas Beach Devel.
X-Sec. Notes Checked Survey by English Notes Caro Date 2-10-77
No. Date 4/21/77 Date Map No. Indexed D. BAILEY Date APR 20 1977

STATION	B. S.	H. I.	F. S.	ELEV.	Vista Del Mar (Left & West)
6+50				3890	21.0 L. Painted "X" on conc. cb.
				420	27.5 L. Top brk. Sand
				402	35.0 L. " "
				391	50.0 L. " "
				393	63.0 L. " "
				373	76.0 L. bot. " "
				363	100.0 L. "
				355	150.0 L. "
				344	200.0 L. "
				338	250.0 L. "
				329	275.0 L. Top bank "
				249	294.0 L. Slope "
				194	307.5 L. Toe " "
				176	320.0 L. brk. "
				1601	325.0 L. edge conc. B.T.

76-L-298 CE 307 2-63

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STATION	B.S.	H.I.	F.S.	ELEV.	Vista Del Mar (Left & West)
7+00				3870	21.5 L. Painted x on conc. cb.
				420	29.0 L. top brk. Sand
				395	38.0 L. " "
				393	50.0 L. " "
				390	61.0 L. " "
				401	65.0 L. " "
				373	77.0 L. bot. " "
				362	100.0 L. "
				356	150.0 L. "
				347	200.0 L. "
				340	250.0 L. "
				334	276.0 L. top bank "
				252	293.0 L. Slope "
				201	306.5 L. toe " "
				171	326.0 L. brk. "
				1593	332.5 L. edge conc. B.T.

F.B. 3236 PG. 168 | 0845.01 Job No. Division No. 11 Notes Red Plotted Profile
Survey of Las Tunas Beach Devel Date Date No.
Survey by English Notes Caro Notes Checked DUVERNAY X-Sec.
Indexed G. D. BAILEY Date APR 20 1977 Date 4/21/77 Date No.

76-L-298 CE 307 2-63

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Profile Notes Red Plotted Job No. 6845.01 Division No. 11 | F.B. 32 36 Pg. 169
No. X-Sec. Date Date Survey of Los Tunas Beach Devel.
Notes E. HERNANDEZ Checked Survey by English Notes Cara Date 2-10-77
No. Date 4/21/77 Date Map No. Indexed R. D. BAILEY Date APR 20 1977

STATION	B. S.	H. I.	F. S.	ELEV.	Vista Del Mar (Left & West)
7+50				3848	21.5 L. Painted "X" on conc. dk.
				421	32.0 L. Top brk. Sand
				398	42.0 L. " "
				392	50.0 L. " "
				387	61.0 L. " "
				391	66.0 L. " "
				369	77.0 L. bot. " "
				355	100.0 L. "
				355	150.0 L. "
				350	200.0 L. "
				340	250.0 L. "
				336	277.0 L. Top bank "
				245	296.0 L. Slope "
				189	310.0 L. Toe " "
				164	336.5 L. brk. "
				1558	342.5 L. edge conc. B. T.

76-L-298 CE 307 2-63

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F.B. 3236 Pg. 170 | Job No. 6845.01 Division No. 11 Notes Red Plotted
Survey of Las Tunas Beach Devel. Date Date No. X-Sec.
Survey by English Notes Caro Checked E. DUVERNAY No.
Indexed G. D. BAILEY Date APR 20 1977 Date 4/21/77

STATION	B.S.	H.I.	F.S.	ELEV.	Vista Del Mar (Left & West)
8+05				3827	21.5 L. Tack in Conc. cb. See pg. 152
				417	30.0 L. Top brk. Sand
				392	41.0 L. " "
				389	50.0 L. " "
				389	63.0 L. " "
				399	68.0 L. " "
				369	78.0 L. bot. " "
				353	100.0 L. "
				348	150.0 L. "
				346	200.0 L. "
				341	250.0 L. "
				334	278.0 L. Top bank "
				250	296.0 L. Slope "
				193	311.0 L. Toe " "
				1539	349.5 L. edge Conc. B.T.
				1533	357.0 L. L.F.T. in Conc. B.T. See pg. 152.
T.P.				2459	1x2 stk.
T.P.				3361	"
T.P.				3955	"
B.M. 27-5A				3952	B.M. 27-5A, El.=39.52. See Pg. 152.

End Cross-Sections - Dockweiler Beach.

Notes Ck'd E. DUVERNAY	Survey of Vista Del Mar
Map No.	J.N. 0303.00 Tape Sta 68 + F
Office Work	Surveyed by English
Checked	Notes Ed. Date 3-77
Date 4/21/77	Indexed G. D. BAILEY APR 20 1977

F.B. 3236 Pg. 171

VISTA DEL MAR

J.N. 0303.00

Centerline
Vista Del Mar
From: Imperial
Hwy.
To: Grand Ave.

Mar. 1, 1977
English
Caro
Stroud
Bradley

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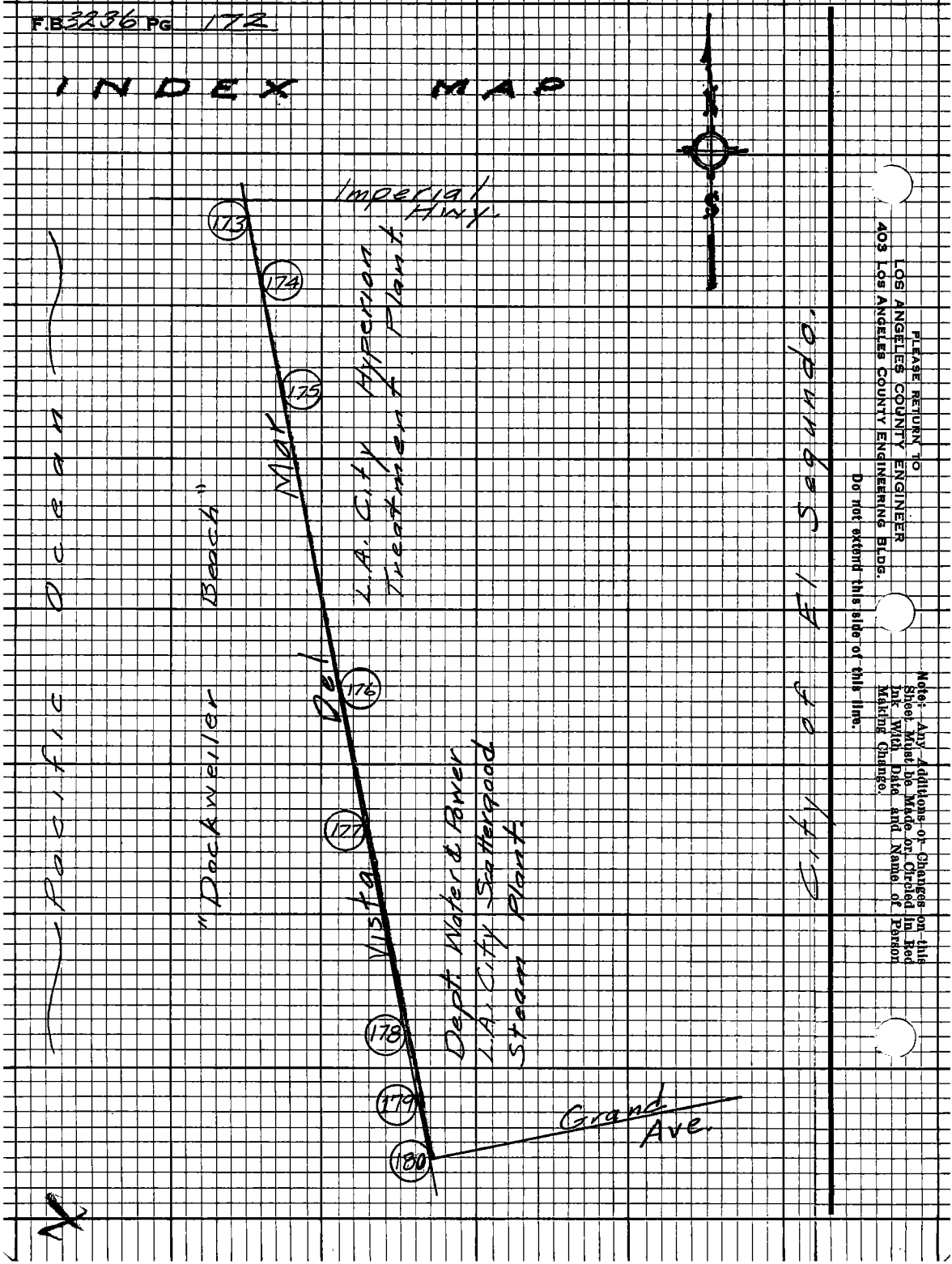
76F3088 CE #310 2-67

F.B. 3236 PG 172

INDEX MAP



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Notes Ck'd by E. DUVERNAY
Map No.
Office Work
Checked
Date 4/31/77

Survey of Vista Del Mar
JN 2303.09 Tape 0179 Std 68 °F
Surveyed by English
Notes Ed Date 3-22
Indexed G. D. BAILEY APR 20 1977

F.B. 3236 PG. 173

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76E3098 CE#310 9-67

M523 BS

Con't. Pg. 174

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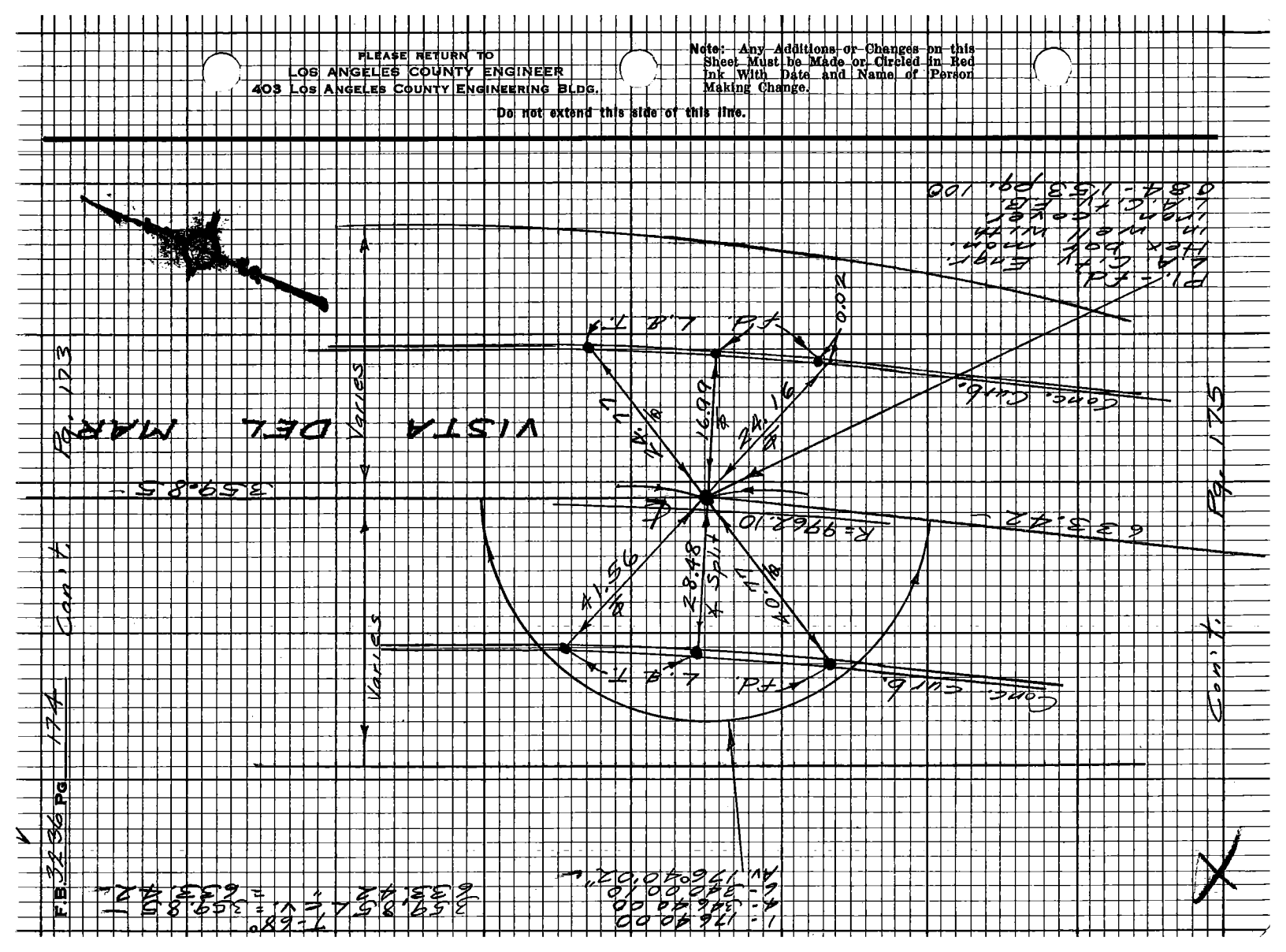
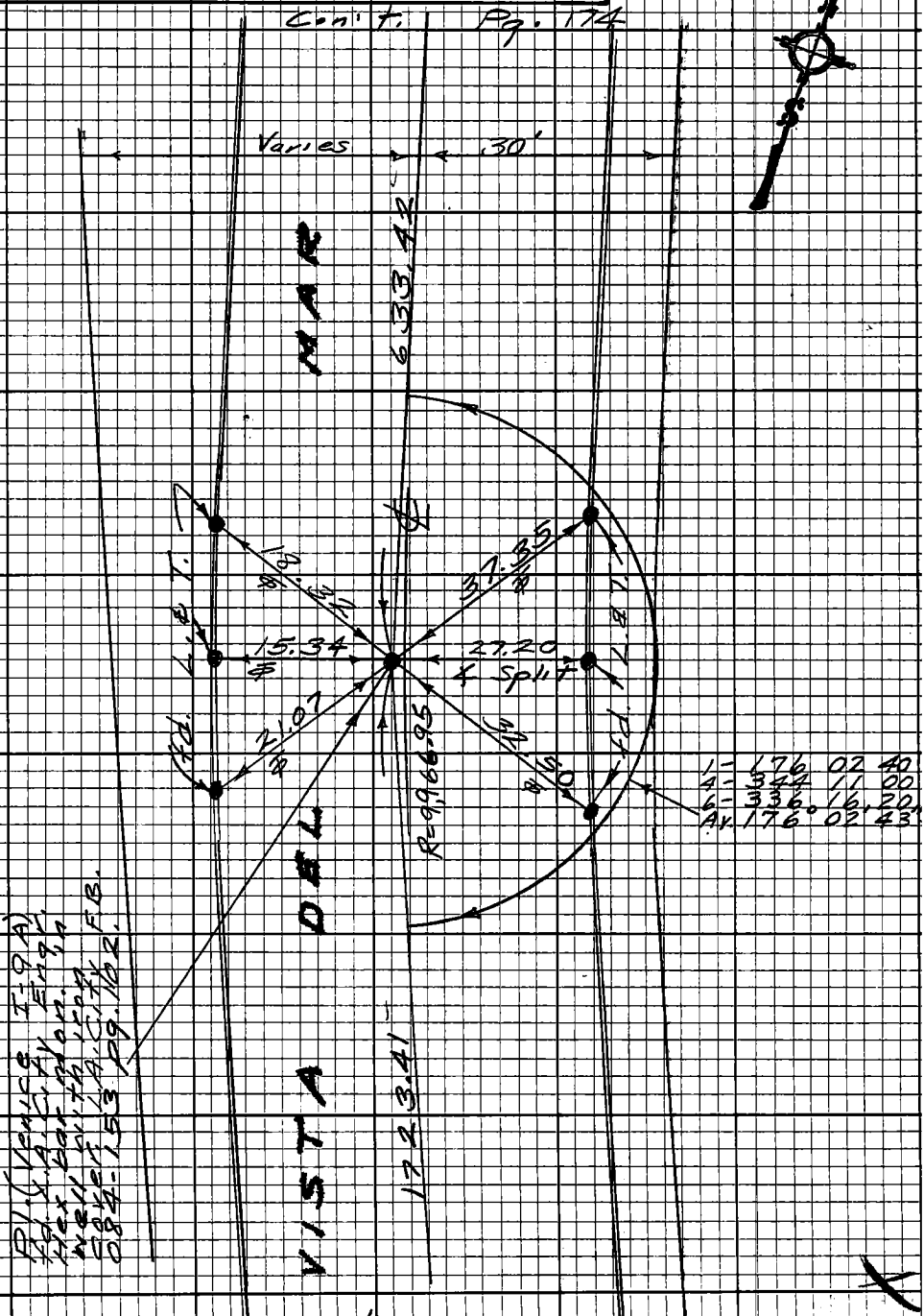


Notes Ck'd by E. DUVERNAY	Survey of Vista Del Mar. F.B. 3236 PG. 175
Map No.	JN 0303.00 Tape 0179 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 3-77
Date 4/21/77	Indexed G. D. BAILEY APR 20 1977

Con't. Pg. 174



Con't. Pg. 176

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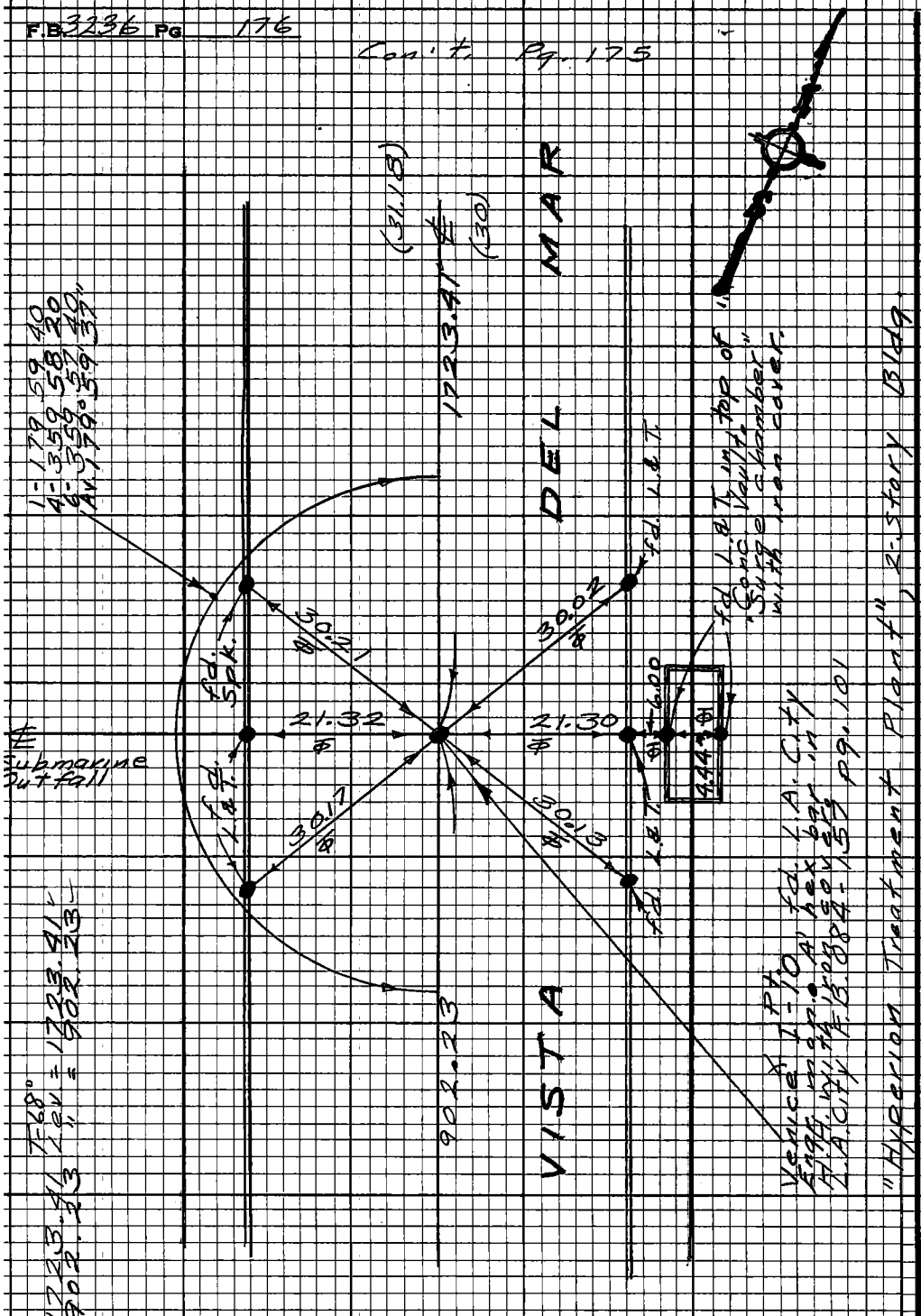
76F3098 CE#310 9-67

F.B. 3236 PG 176

Con't. Pg. 175



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Con't. Pg. 177

Notes Ck'd By E. DUVERNAY	Survey of Vista Del Mar
Map No.	JN 0303.00 Tape 0179 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 4-77
Date 4/21/77	Indexed G. D. BAILEY APR 20 1977

F.B. 3236 PG. 177

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76F3098 CE#310 9-67

Con't. Pg. 176

Con't. Pg. 178

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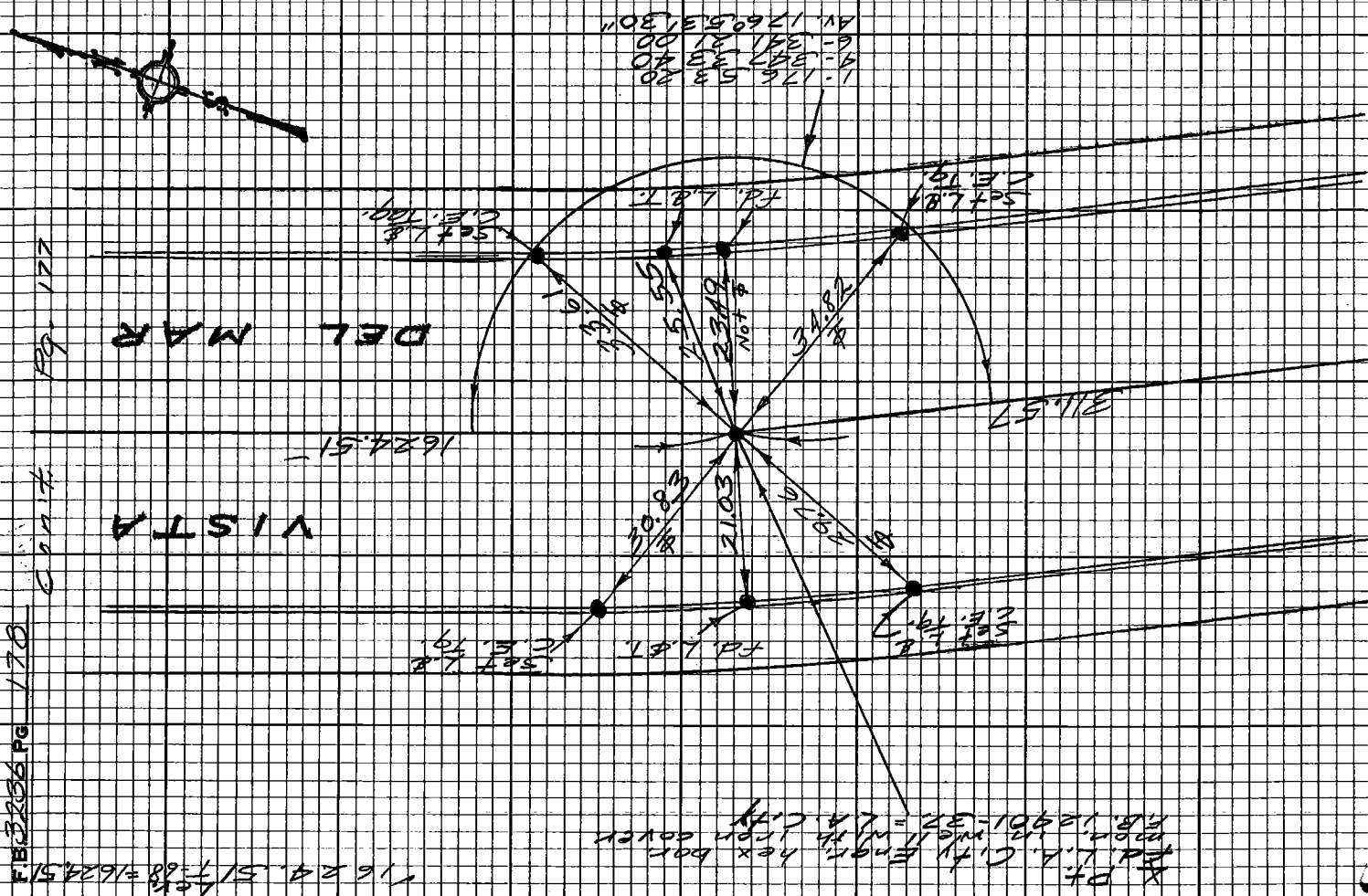
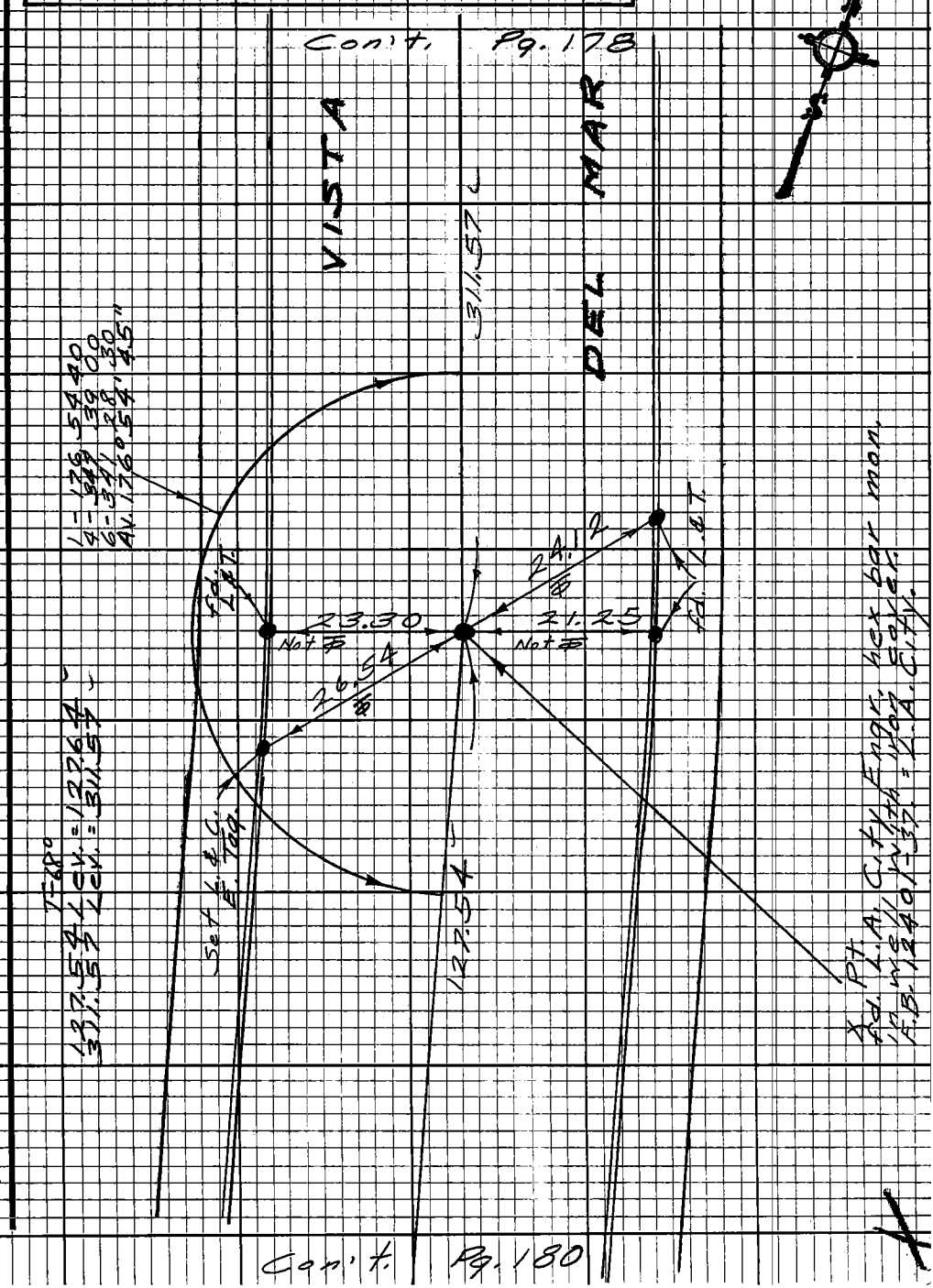


Notes Ck'd by E. DUVERNAY	Survey of Vista Del Mar
Map No.	JN 0303.00 Tape 0179 Std 68 °F
Office Work	Surveyed by English
Checked	Notes Ed. Date 4-77
Date 4/21/77	Indexed G. D. BAILEY APR 20 1977

F.B. 3236 PG. 179



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76E3098 CE#310 9.67

F.B. 3236 PG. 180

Con't. Pg. 179

fd. L.A. City Engr.
hex bar mon. in
well with iron cover.
F.M. 20932-3.

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