Notes Ck'd by
Office Check

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

F.B. 3494

Page	Job	Description
		NAME JOB NO.
		SANTA CATALINA ISLAND - 0023.03 STOL AIRPORT (AVALON)
5-6	Index	
7-32	Bdry.	Bdry. survey along Pebbly Beach Rd. in Lot 1, L.A.C.A. Map No. 59, Assessors Map Book 1-7
[illegible]	Topo.	Loc. of pavement & fences along Pebbly Beach Rd., from the Edison Co. Power Sta. N'ly. 900'±
[illegible]	B.M.	Bench levels for the above
[illegible]	Vert. Contr.	Vertical Control point on promontory at S'ly. end of proposed site
[illegible]	Geod. Control	Geodetic control for Stol Airport J.N. 0301.00
		AVALON BEACH CONTROL LINE 0019.11
71-72	Index	CATALINA ISLAND
[illegible]-78	Control	Avalon Beach Control Line
79-81	B.M.	Elevations
		AVALON BEACH-HYDROGRAPHIC SURVEY
[illegible]		Hydrographic Survey J.N. 0300.02
[illegible]-101		Hydrosurvey Profiles J.N. 8763.02
[illegible]-112		Hydrographic Survey - Profiles

Microfilmed Jan '85

over

F.B. 3494 Pg.

		AVALON BEACH SURVEY J.N. 0300.02
113-122		Hydrographic Survey - Aug. 1975 Profiles
		FLOOD INSURANCE STUDY - AVALON 0805.56
123-128	C.L.	PROFILE on Street Centerlines
129-138	B.M.	Bench levels
		AVALON BEACH-HYDROGRAPHIC SURVEY J.N. 3714.55
139-148		Rerun Range lines on South Beach- Avalon Bay (June'78)

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

Do not extend this side of this line.

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

Notes Ck'd by D. SAPPELL	Survey of AVALON STOLPORT
Map No.	JN 0023.03 Tape 0249 Std 68°F
Office Work	Surveyed by W. A. RICHARDS
Checked	Notes W. A. R. Date 9-69
Date	Indexed C. J. GALLI OCT 21 '69

F.B. 3494 PG. 5

J.N. 0023.03

AVALON STOLPORT

CATALINA ISLAND

BOUNDARY SURVEYS

ALONG PEBBLY BEACH, & IN LOT 1, L.A.C.A.
MAP NO. 59, ASSESSORS MAPS, BOOK 1 PG. 7

SURVEY FILE NO. 5397

RICHARDS
WILKS
BANKSON
LIEBER

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 this side of this line.

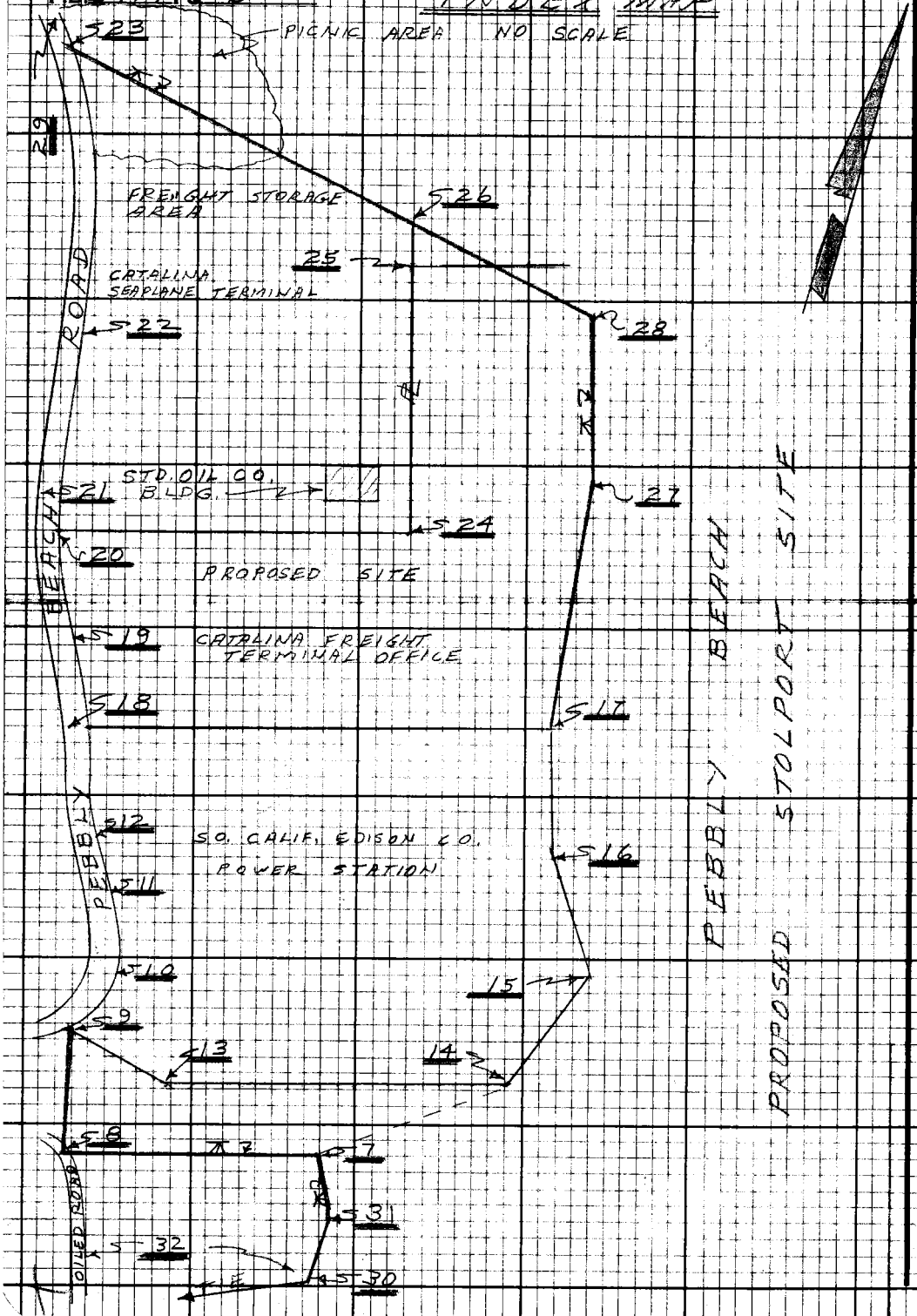
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

26F3098 CE#310 9-67

F.B. 3494 Pg. 6

INDEX MAP

NO SCALE



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

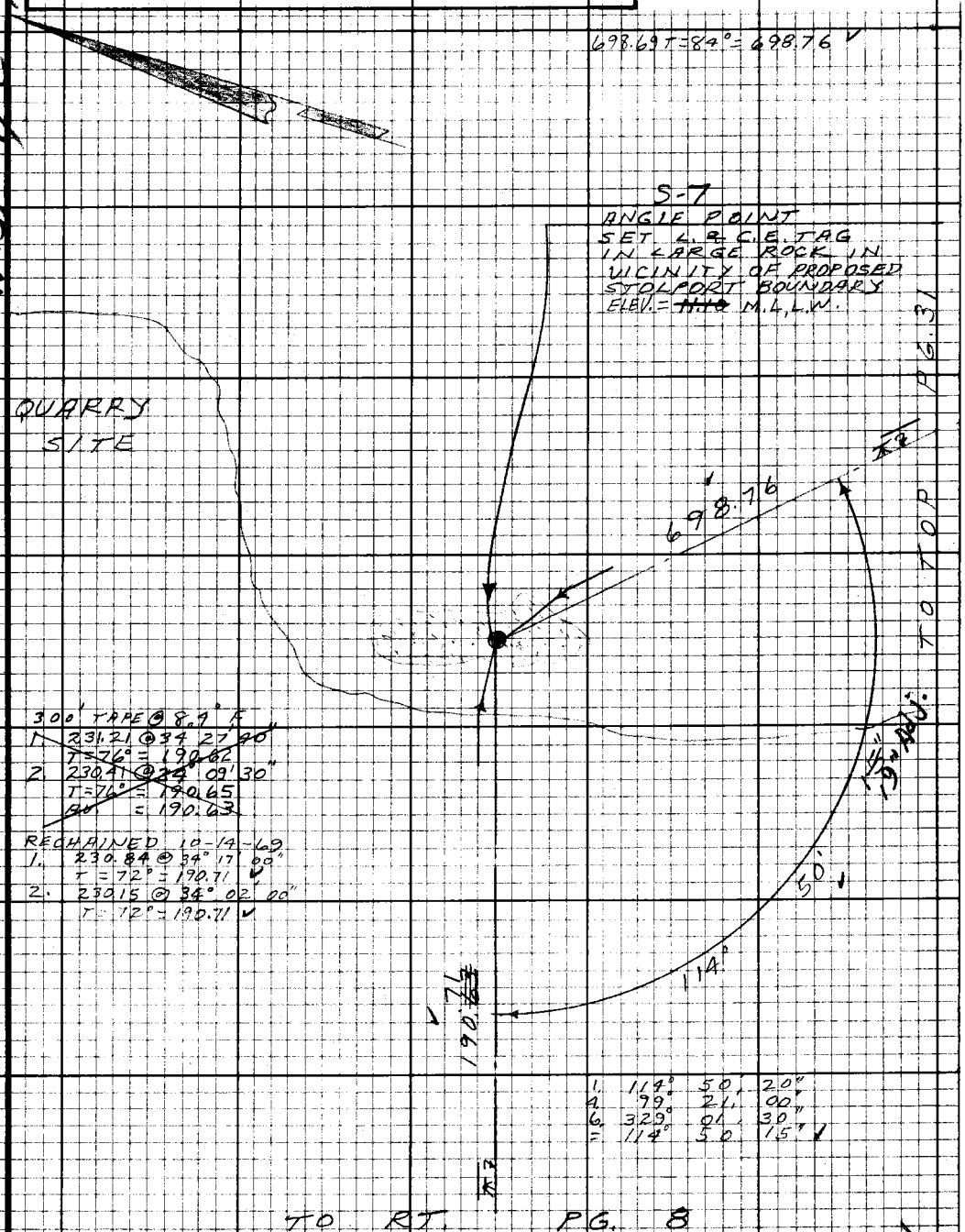
Note: Any Additions or Changes on this Sheet Must be Made on Original in Red Ink With Date and Name of Person Making Change.

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

Survey of AVALON STOLPORT
JN 002303 Tape 0240 Std 68°F
Surveyed by W.A. RICHARDS
Notes W.A.R. Date 9-69
Indexed C.J. GALLI OCT 21 '69

F.B. 3494 PG. 7

W.S. 29, C-7

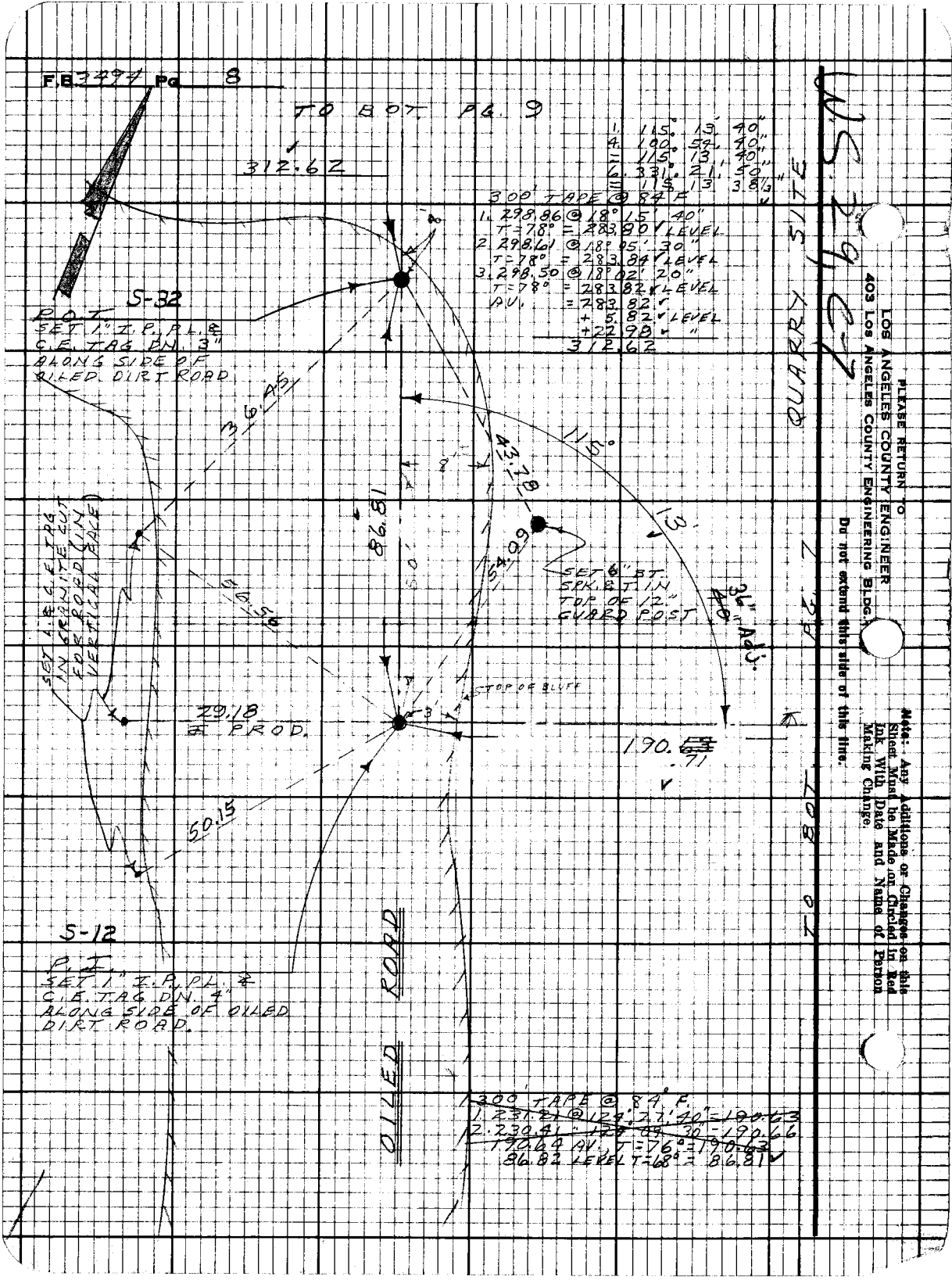


Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

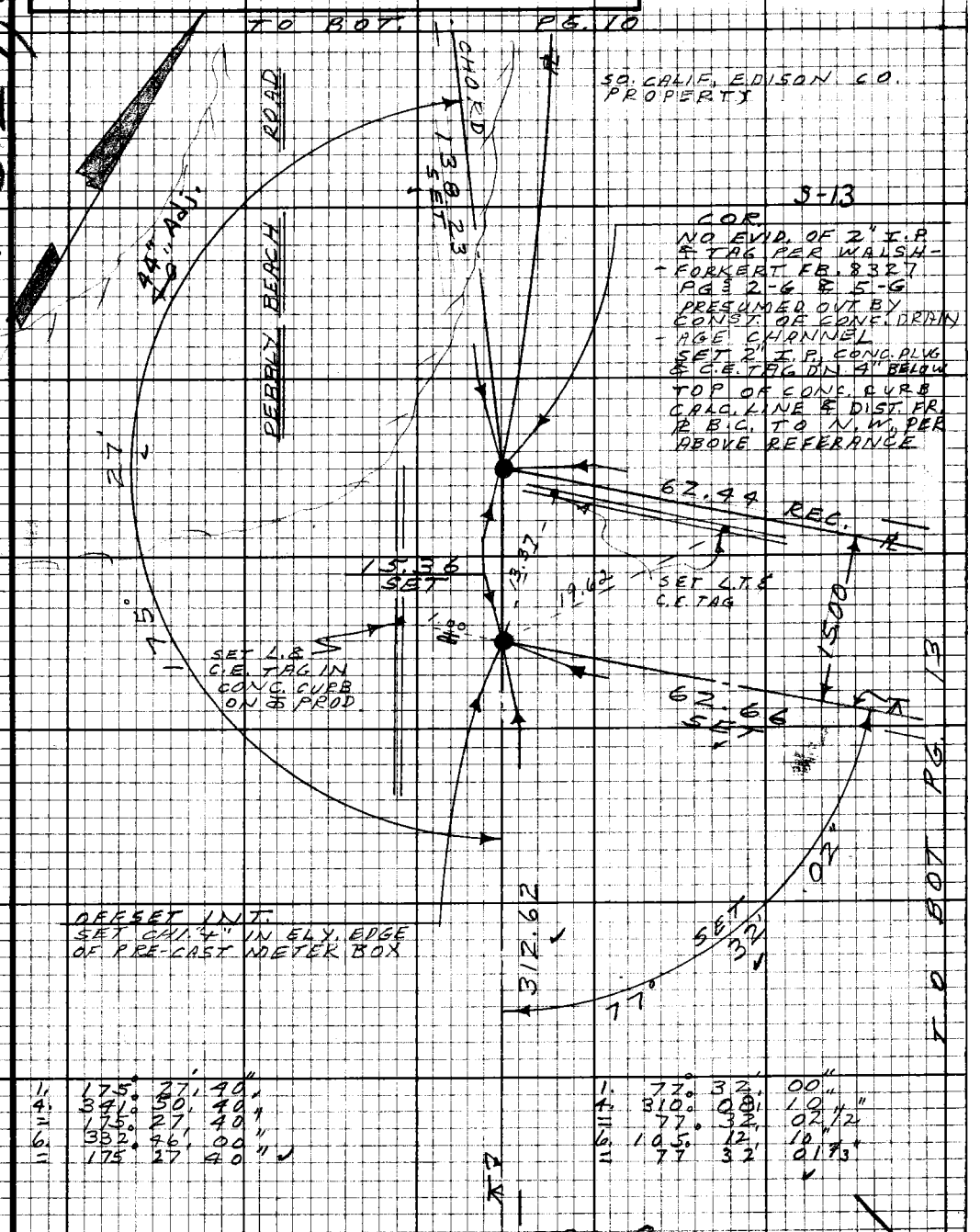
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67


F.B. 3494 Pg. 8
TO BOT. PG. 9
312.62
1. 115° 13' 40"
4. 100° 54' 40"
= 115° 13' 40"
6. 331° 21' 50"
= 115° 13' 38⅓"
300' TAPE @ 84° F
1. 298.86 @ 18° 15' 40"
T = 78° = 283.80 LEVEL
2. 298.61 @ 18° 05' 30"
T = 78° = 283.84 LEVEL
3. 298.50 @ 18° 02' 20"
T = 78° = 283.82 LEVEL
AV. = 283.82
+ 5.82 LEVEL
+ 22.98 "
312.62
S-32
P.O.T.
SET 1" I.P., P.L. & C.E. TAG DN. 3" ALONG SIDE OF OILED DIRT ROAD
36.45
43.78
115°
13'
86.81
54.09
SET 6" BT. SPK. & T. IN TOP OF 12" GUARD POST
36" Adj.
40"
SET L. & C.E. TAG IN GRANITE CUT FOR ROAD (IN VERTICAL FACE)
56.56
TOP OF BLUFF
29.18
PROD.
190.71
50.15
S-12
P.I.
SET 1" I.P., P.L. & C.E. TAG DN. 4" ALONG SIDE OF OILED DIRT ROAD.
OILED ROAD
300' TAPE @ 84° F.
1. 231.21 @ 124° 27' 40" = 190.63
2. 230.41 " 124° 09' 30" = 190.66
190.64 AV. T = 76° = 190.63
86.82 LEVEL T = 68° = 86.81
QUARRY SITE
TO BOT. PG. 7
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by D. SAPPELL	Survey of AVALON STOLPORT
Map No.	JN 0023.03 Tape 0243 Std 68°F
Office Work	Surveyed by W. A. RICHARDS
Checked	Notes W.A.R. Date 9-69
Date	Indexed R.J. GALLI OCT 21 '69

F.B. 3494 PG. 9



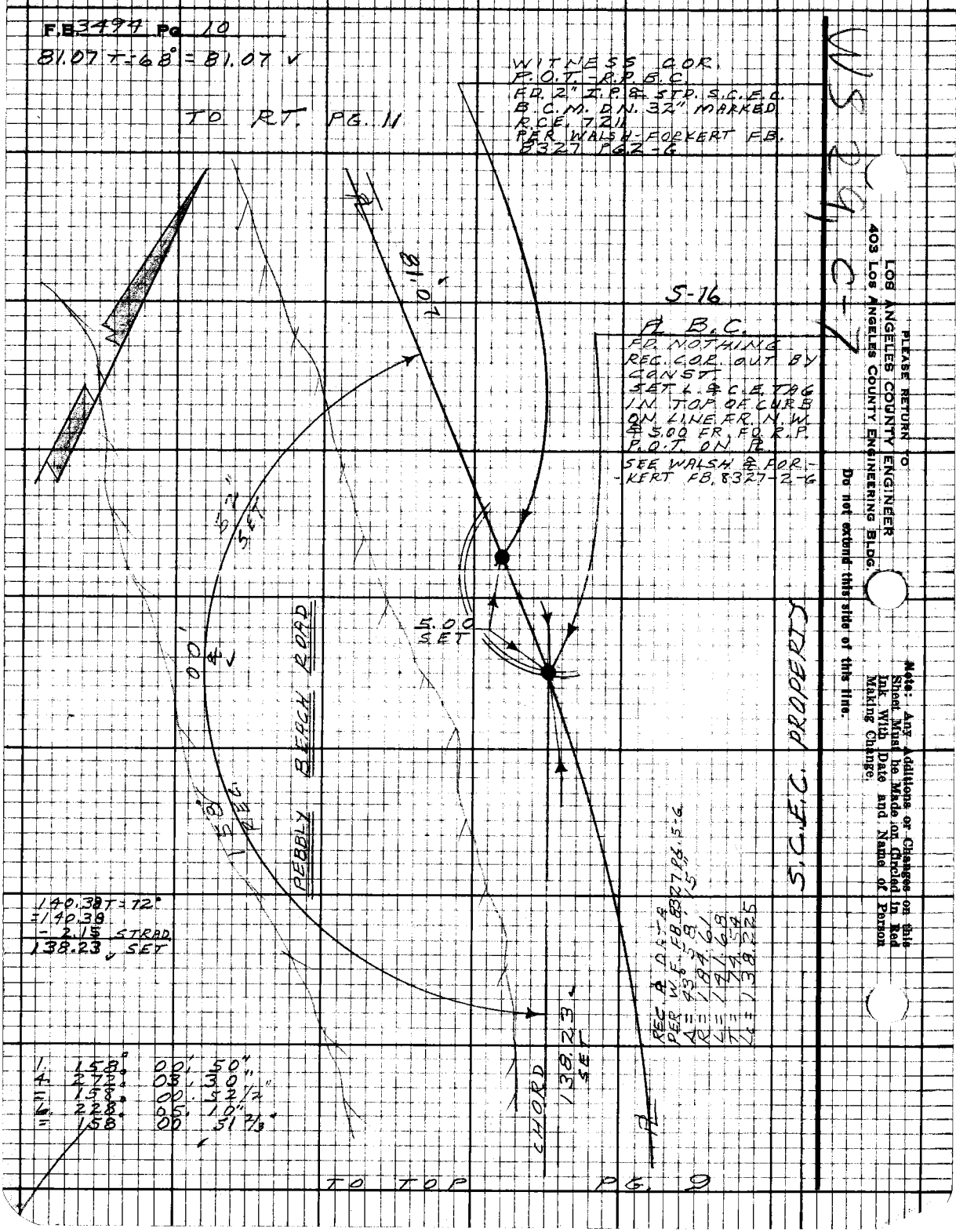
1.	175° 27' 40"	1.	77° 32' 00"
4.	341° 50' 40"	4.	310° 08' 10"
=	175° 27' 40"	=	77° 32' 02 1/2"
6.	332° 46' 00"	6.	105° 12' 10"
=	175° 27' 40" ✓	=	77° 32' 01 1/3" ✓

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 this side of this line.

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

76F3098 CE#310 9-67


F.B. 3494 Pg. 10
81.07 T = 68° = 81.07 ✓
TO RT. PG. 11
WITNESS COR.
P.O.T. - R.P. B.C.
FD. 2" I.P. & STD. S.C.E.C.
B.C.M. DN. 32" MARKED
R.C.E. 7211
PER WALSH-FORKERT F.B.
8327 PG. 2-6
S-16
PL B.C.
FD. NOTHING
REC. COR. OUT BY
CONST.
SET L. & C.E. TAG
IN TOP OF CURB
ON LINE FR. N.W.
& 5.00 FR. FD. R.P.
P.O.T. ON PL
SEE WALSH & FOR-
-KERT FB. 8327-2-6
81.07
5.00
SET
PEBBLY BEACH ROAD
S.C.E.C. PROPERTY
140.38 T = 72°
= 140.38
- 2.15 STRAD
138.23 SET
1. 158° 00' 50"
4. 272° 03' 30"
= 158° 00' 52 1/2"
6. 228° 05' 10"
= 158° 00' 51 2/3"
CHORD
138.23
SET
TO TOP PG. 9
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

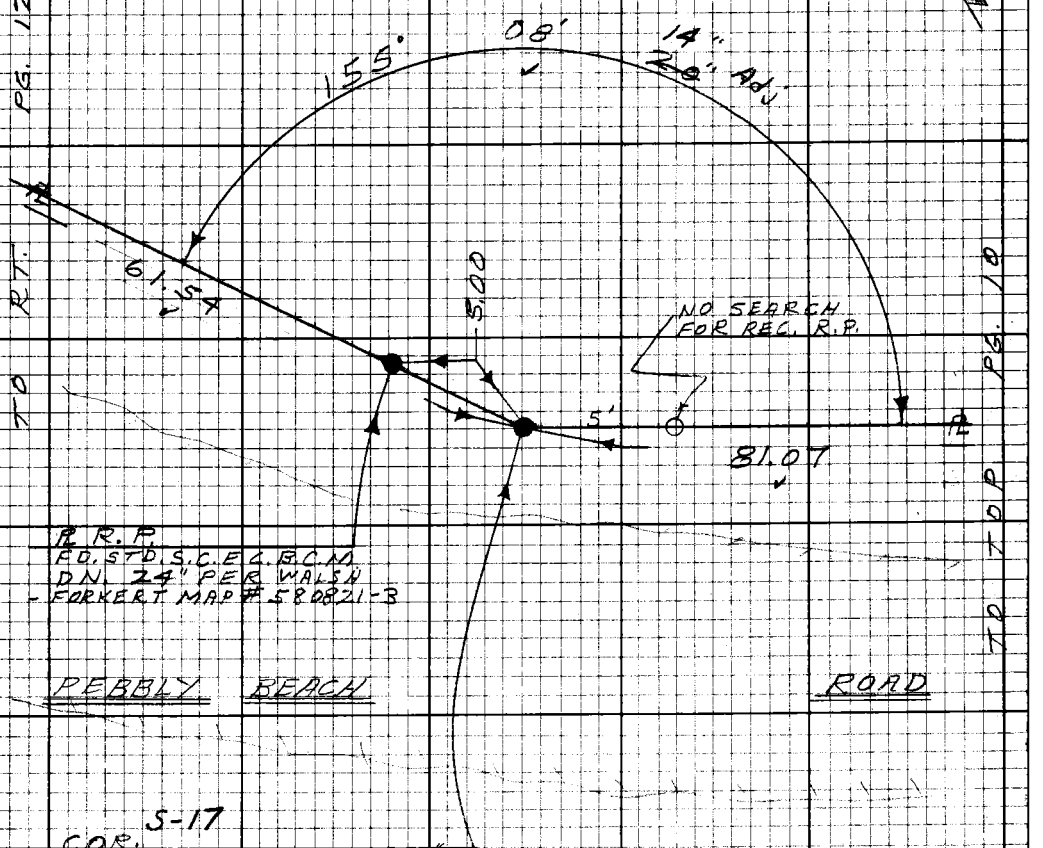
Notes Ck'd by D. SAPPELL	Survey of [illegible]
Map No.	JN 002303 Tape 0249 Std 68 °F
Office Work	Surveyed by W. A. RICHARDS
Checked	Notes W.A.R. Date 9-69
Date	Indexed C. J. GALLI OCT 21 '69

F.B. 3494 PG. 11

W.S. 29 G-7

1. 155° 08' 20"
2. 310° 16' 40"
= 155° 08' 20"
4. 260° 33' 20"
6. 210° 50' 00" = 155° 08' 20" ✓
61.54 T = 72° = 61.54 ✓

S.C.E.C. PROPERTY



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 this side of this line.

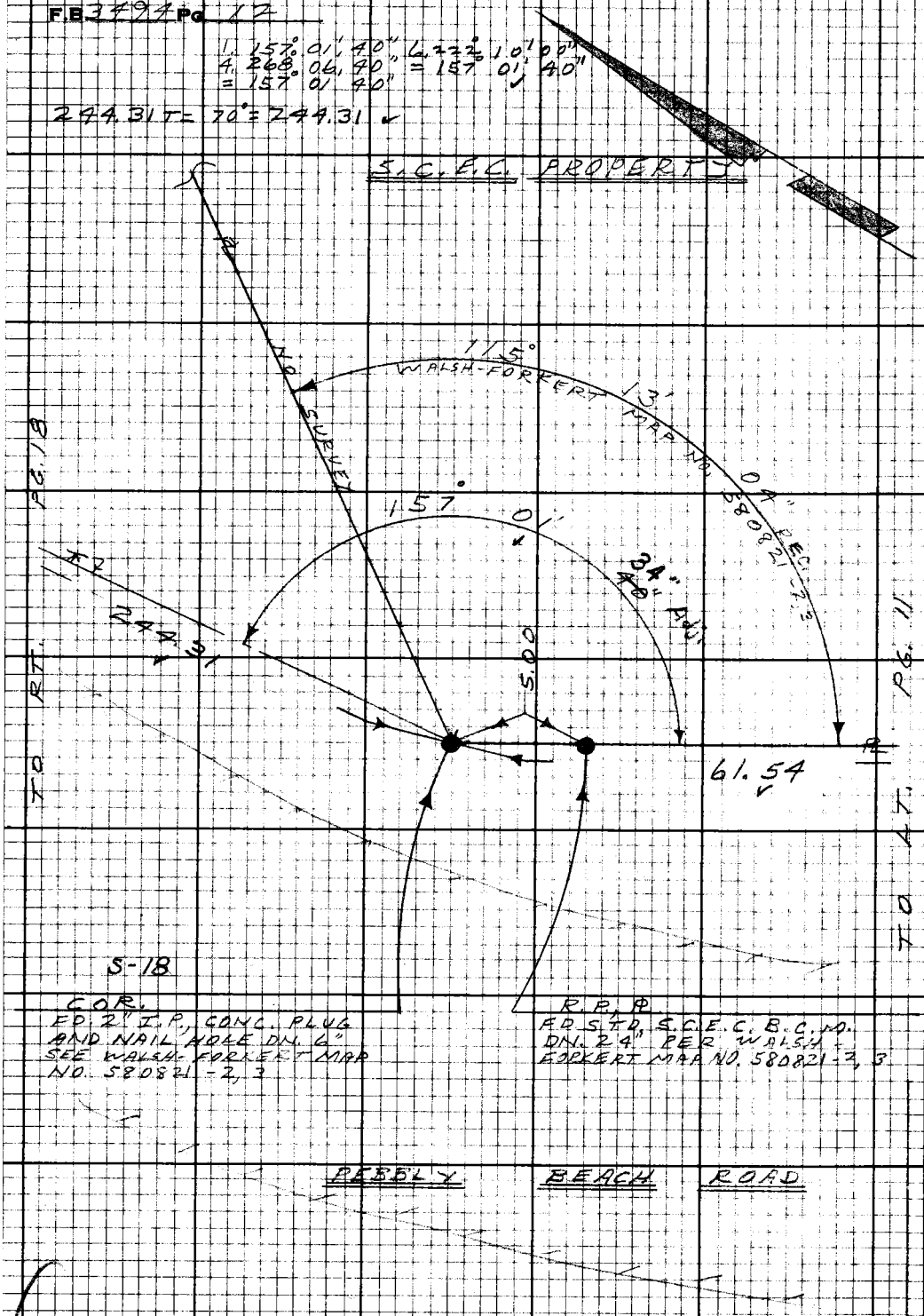
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

F.B. 3494 Pg. 12

1. 157° 01' 40" 6.222° 10' 00"
4. 268° 06' 40" = 157° 01' 40"
= 157° 01' 40"

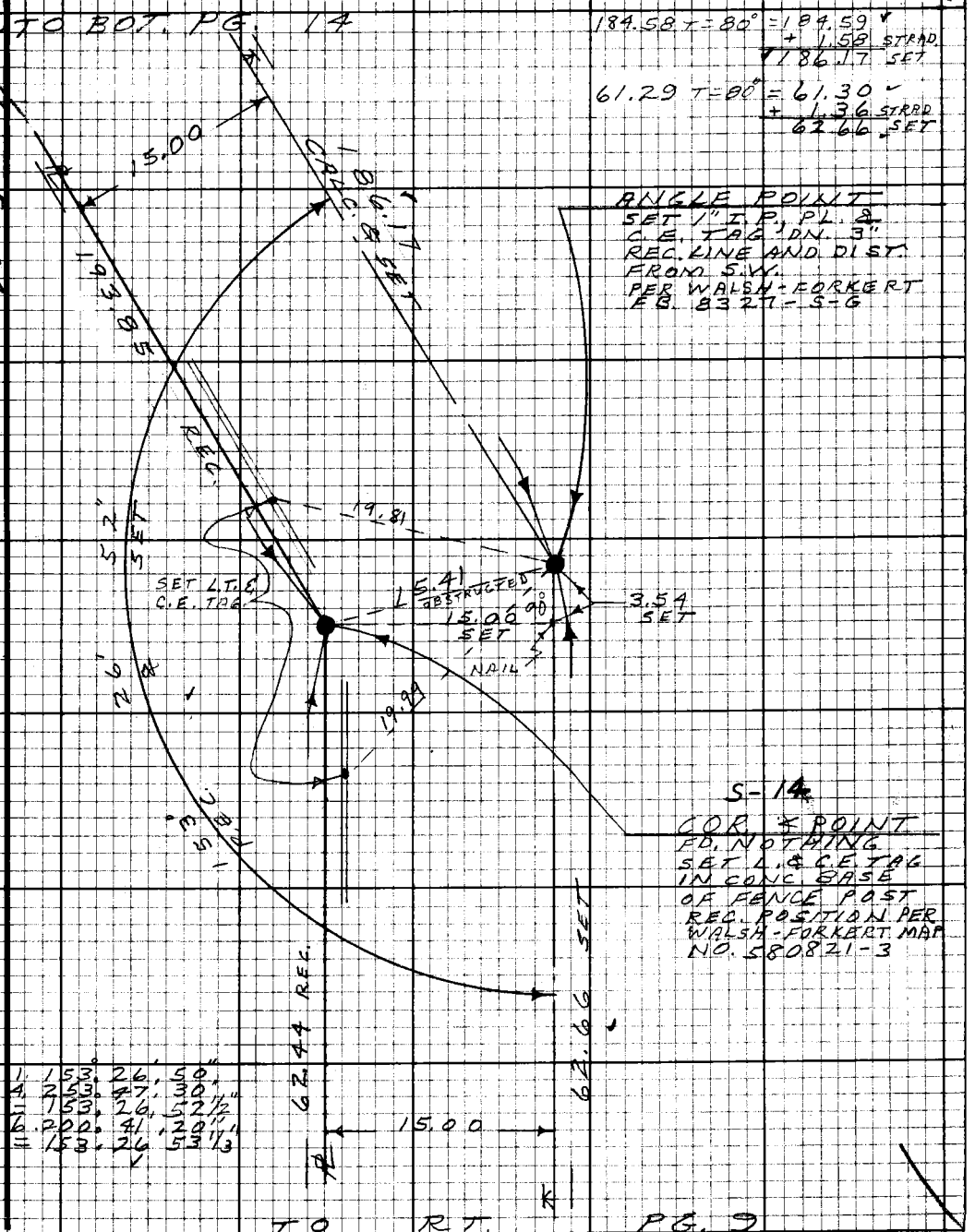
244.31 T = 70° = 244.31



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by D. SAPPELL	Survey of AVALON STOLPORT
Map No.	JN 0023.03 Tape 0243 Std 68
Office Work	Surveyed by W. A. RICHARDS
Checked	Notes W. O. R. Date 9-69
Date	Indexed E. J. GALLI OCT 21 '69

F.B. 3494 PG. 13



1. 153° 26' 50"
4. 253° 47' 30"
= 153° 26' 52½"
6. 200° 41' 20"
= 153° 26' 53⅓"

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

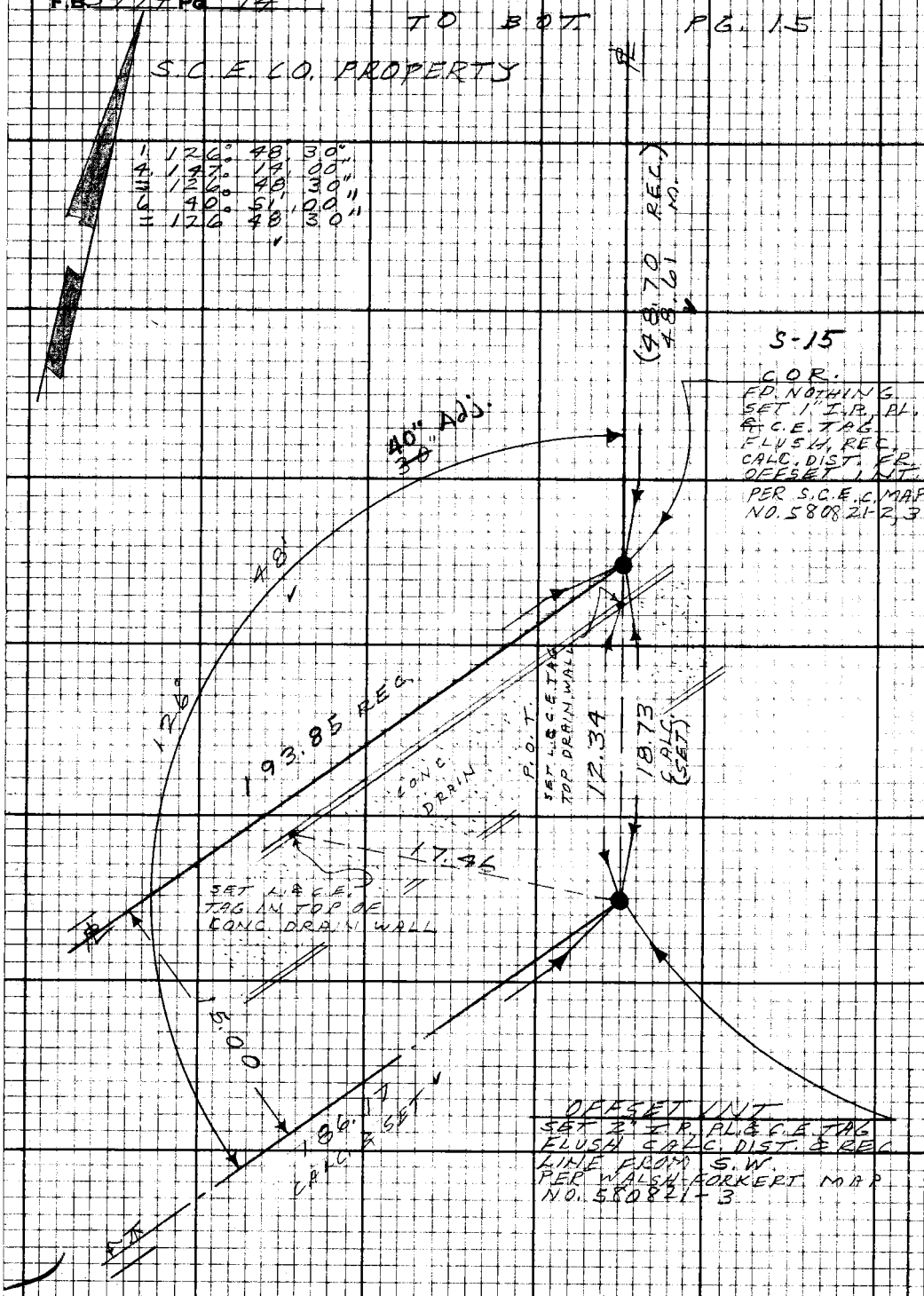
Do not extend this side of this line.

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

7683093 CE#310 9.67

F.B. 3494 Pg. 14

TO BOT. PG. 15



TO TOP PG. 13

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

Do not extend this side of this line.

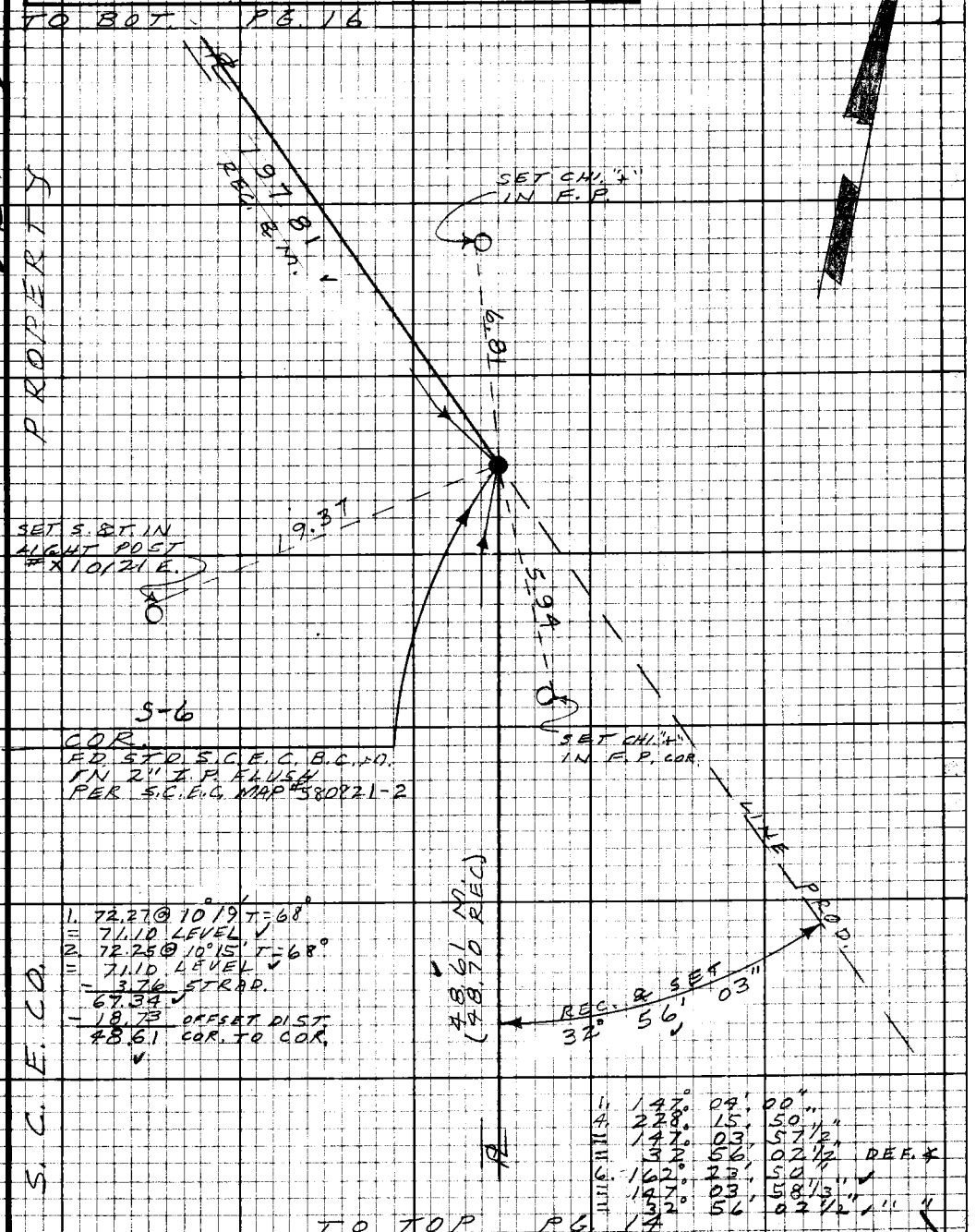
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

WS 29, C-7

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

Survey of AVALON STRAIGHT
JN 002303 Tape 0249 Std 68°F
Surveyed by W. A. RICHARDS
Notes W. A. R. Date 9-69
Indexed C. J. GALLI OCT 21 '69

F.B. 3494 Pg. 15



1. 72.27 @ 10°19' T = 68°
= 71.10 LEVEL
2. 72.25 @ 10°15' T = 68°
= 71.10 LEVEL
− 3.76 STRAD.
67.34
− 18.73 OFFSET DIST.
48.61 COR. TO COR.

1. 147° 04' 00"
4. 228° 15' 50"
= 147° 03' 57½"
= 32° 56' 02½" DEF. ∡
6. 162° 23' 50"
= 147° 03' 58⅓"
= 32° 56' 02½" " "

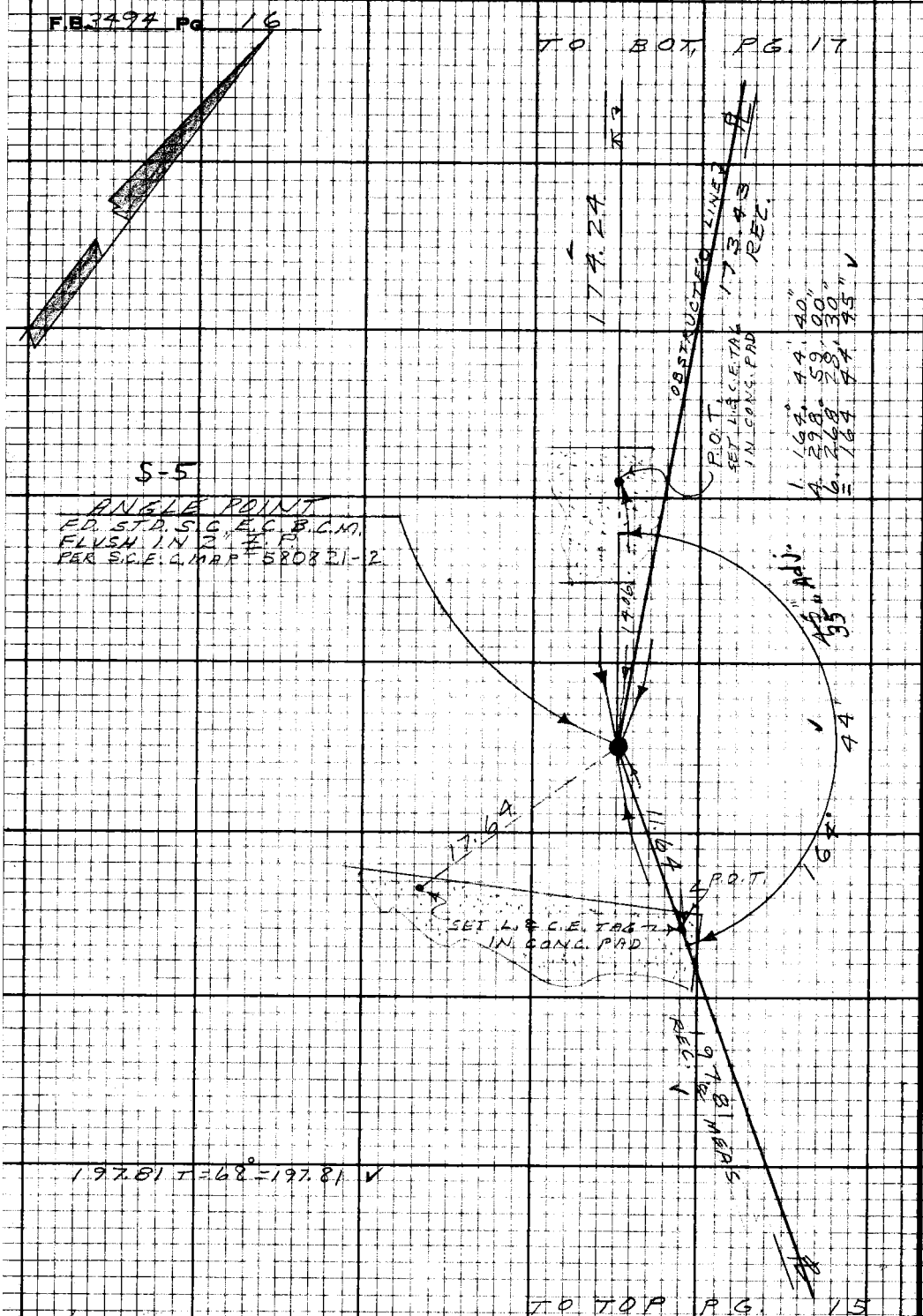
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F3098 CE#310 9-67

F.B. 3494 Pg. 16



MS 29 C-7

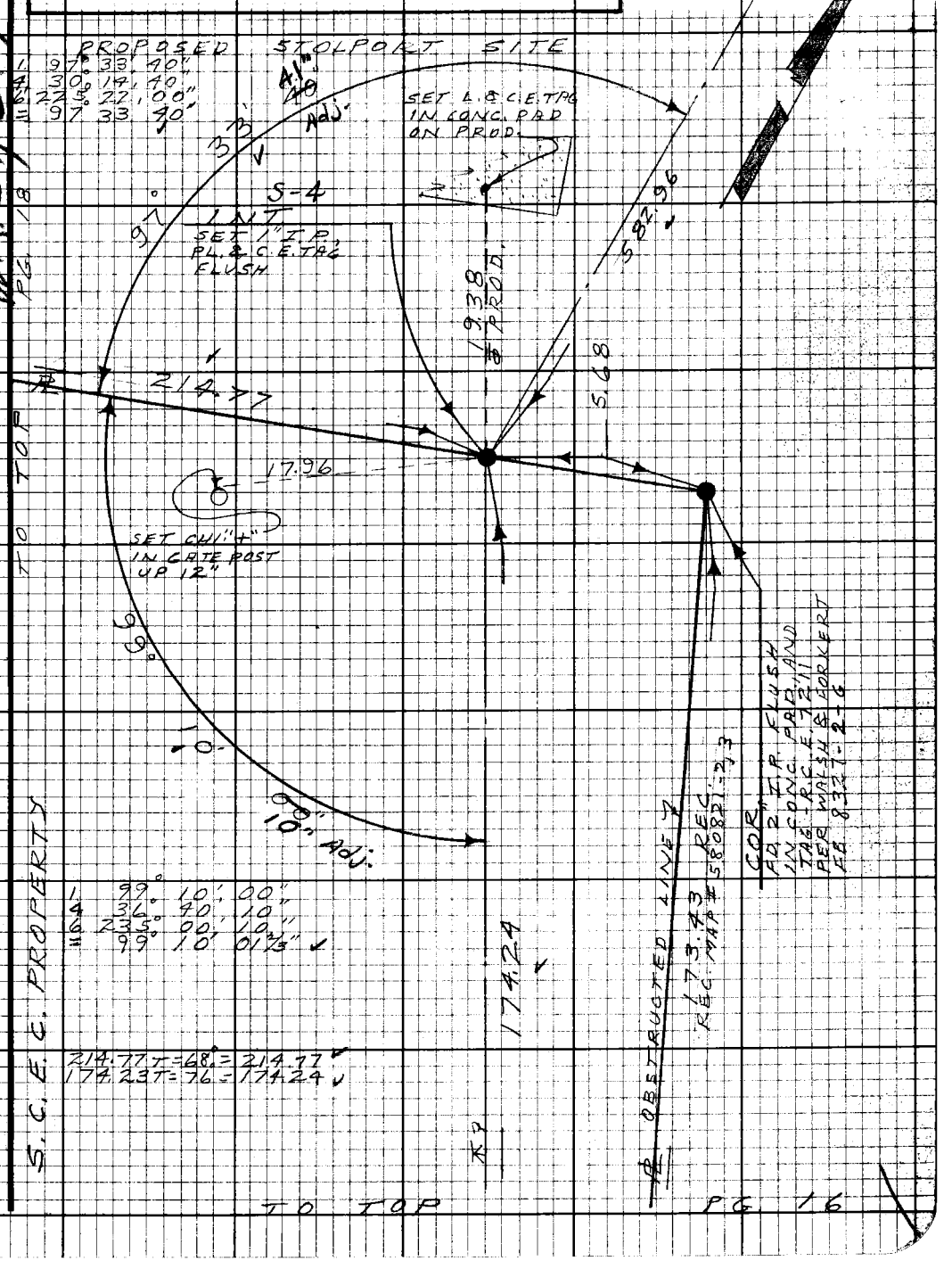
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

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

Notes Ck'd by D. SAPPELL	Survey of AVALON STOLPORT
Map No.	JN 002303 Tape 0249 Std 68°F
Office Work	Surveyed by W. A. RICHARDS
Checked	Notes W. A. R. Date 3-69
Date	Indexed C. J. GALLI OCT 21 '69

F.B. 3494 PG. 17
TO BOT. PG. 27



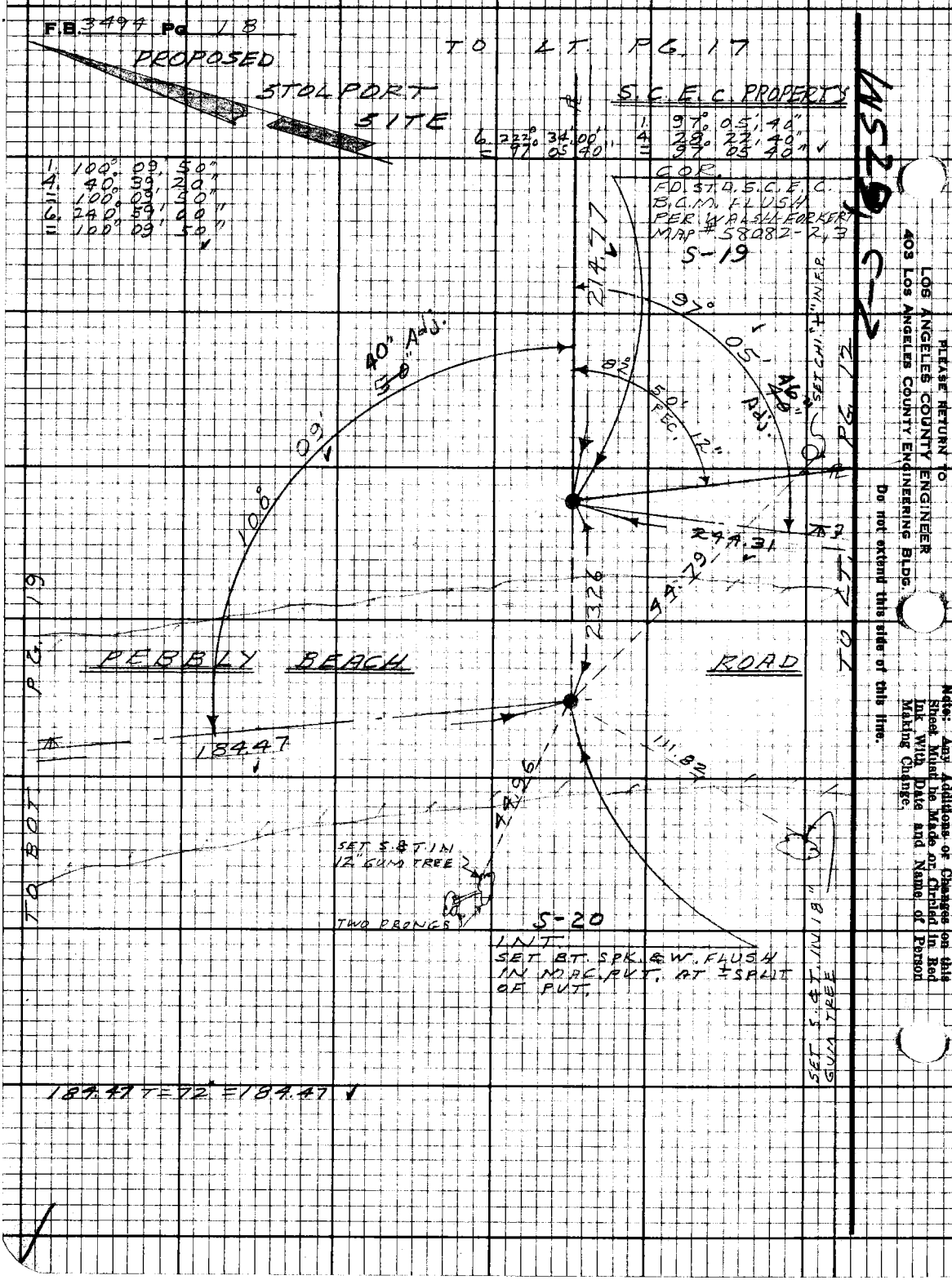
W.S. 29 C-7

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 this side of this line.

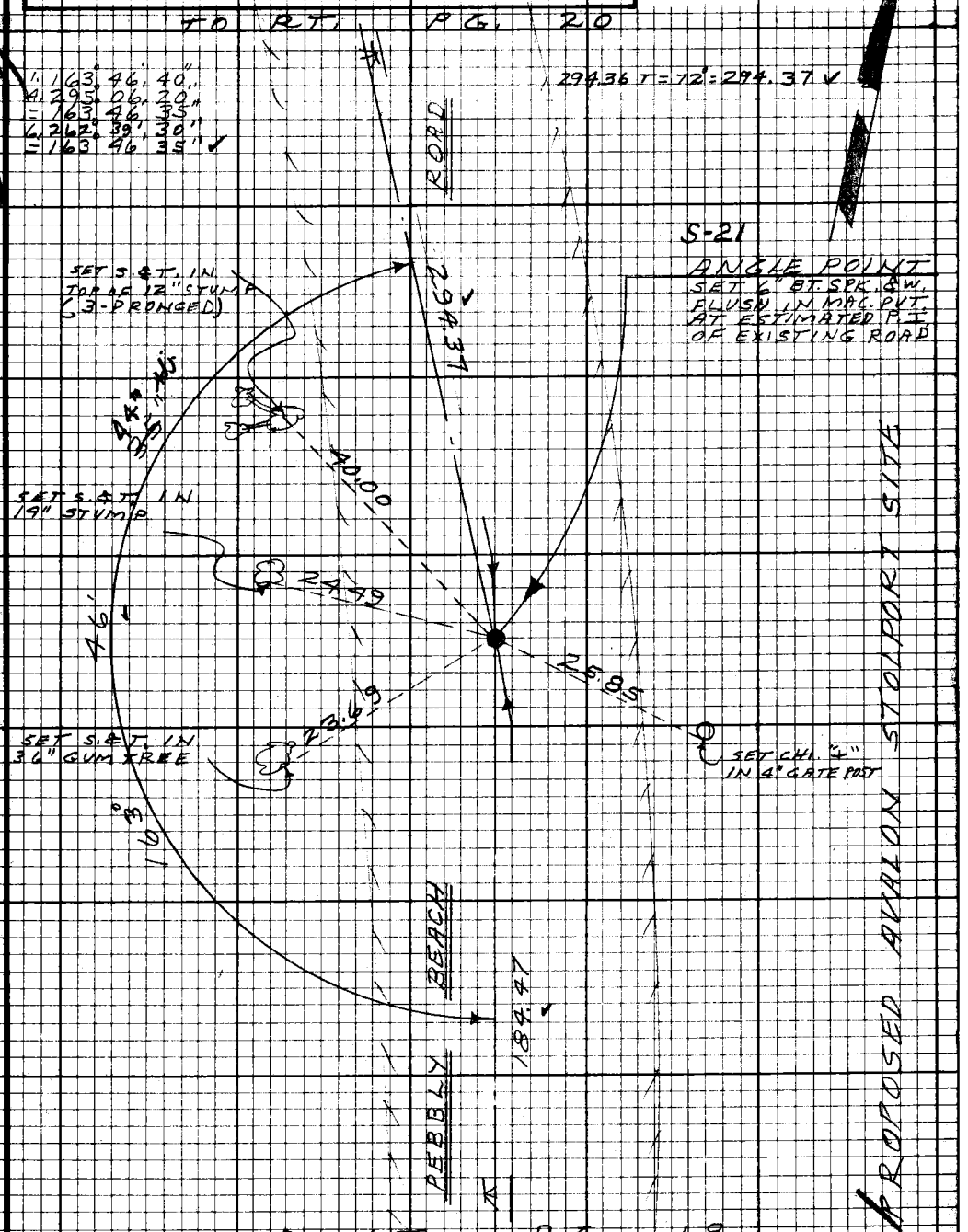
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67


F.B. 3494 Pg. 18
TO LT. PG. 17
PROPOSED
STOLPORT
SITE
S.C.E.C. PROPERTY
1. 97° 05' 40"
4. 28° 22' 40"
= 97° 05' 40"
6. 222° 34' 00"
= 97° 05' 40"
1. 100° 09' 50"
4. 40° 39' 20"
= 100° 09' 50"
6. 240° 59' 00"
= 100° 09' 50"
COR.
FD. STD. S.C.E.C.
B.C.M. FLUSH
PER WALSH-FORKERT
MAP # 58082-2,3
S-19
214.77
97° 05' 46"
40" Adj.
50"
100° 09'
82°
50' PEC.
12"
SET CHI. "+" IN F.P.
PG. 12
244.31
44.79
23.26
PEBBLY BEACH ROAD
TO LT.
TO BOT. PG. 19
184.47
111.82
44.96
SET S.&T. IN 12" GUM TREE
TWO PRONGS
S-20
INT.
SET BT. SPK. & W. FLUSH IN MAC. PVT. AT ± SPLIT OF PVT.
SET S.&T. IN 18" GUM TREE
184.47 T=72" =184.47
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by D. SAPPELL	Survey of AVALON STOLPORT
Map No.	JN 0023.03 Tape 0249 Std 68°F
Office Work	Surveyed by W. A. RICHARDS
Checked	Notes W. A. R. Date 9-69
Date	Indexed G. J. GALLI OCT 21 '69

F.B. 3494 Pg. 19

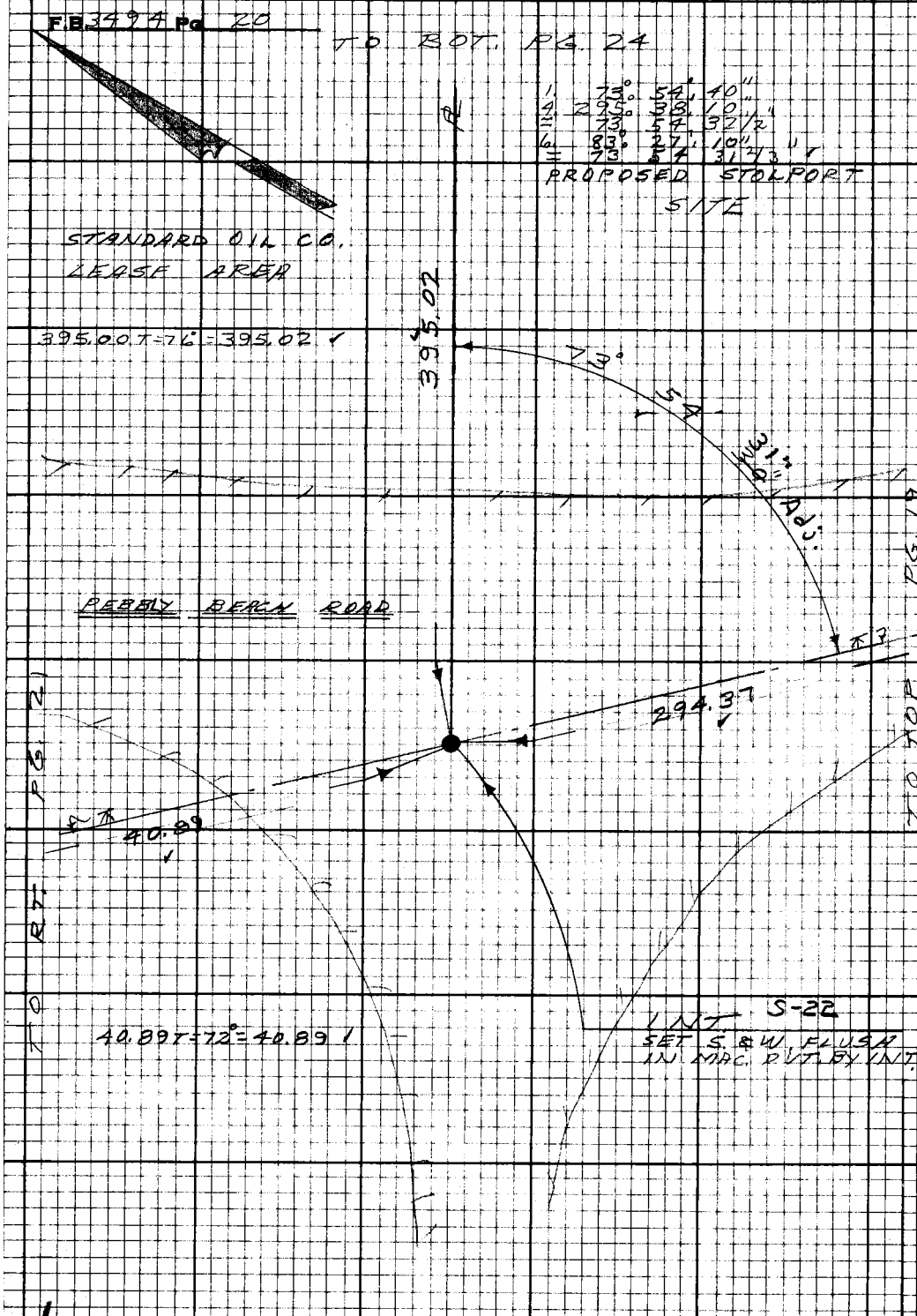


Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F3098 CE#310 9-67

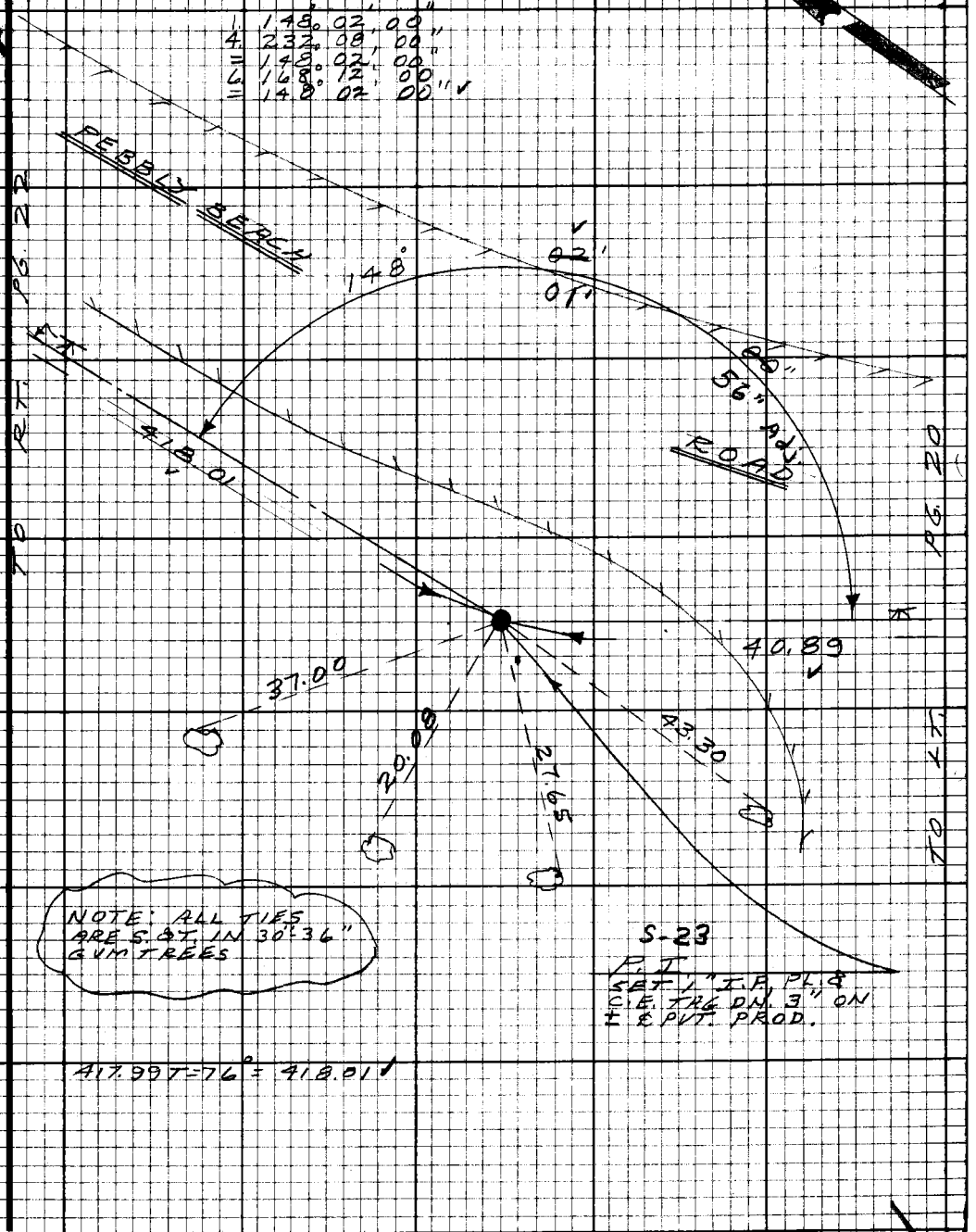


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Survey of AVALON STOLPORT
JN 002303 Tape 0249 Std 68 F
Surveyed by W.A. RICHARDS
Notes W.A.R. Date 10-69
Indexed C.J. GALLI OCT 21 '69

F.B. 3494 Pg. 21



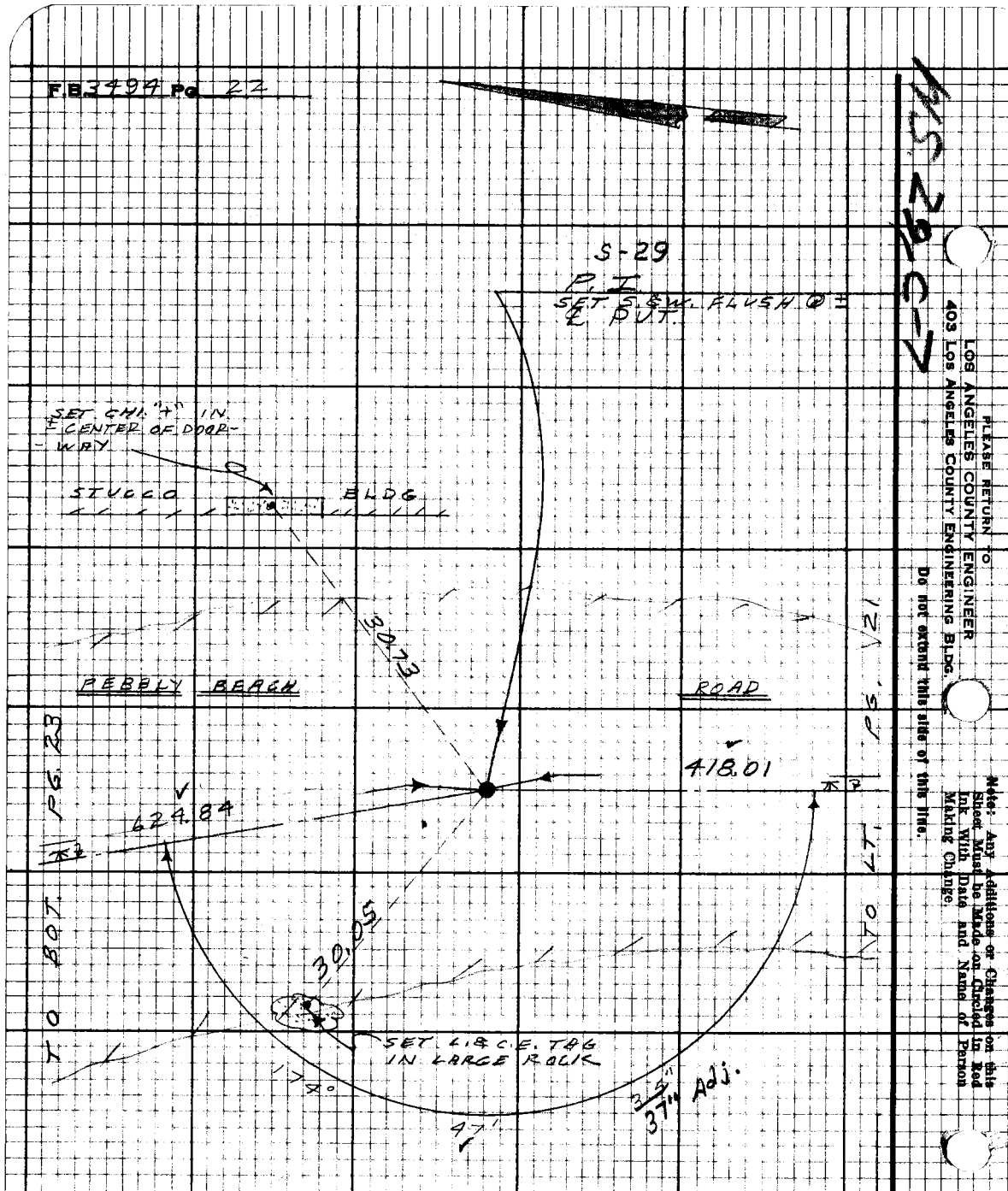
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F3098 CE#310 9-67

FB 3494 PG 22



1.	174°	47'	30"
4.	339°	101'	20"
=	174°	47'	35"
6.	328°	45'	30"
=	174°	47'	35"

62482 T = 72° = 624.84 ✓

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.

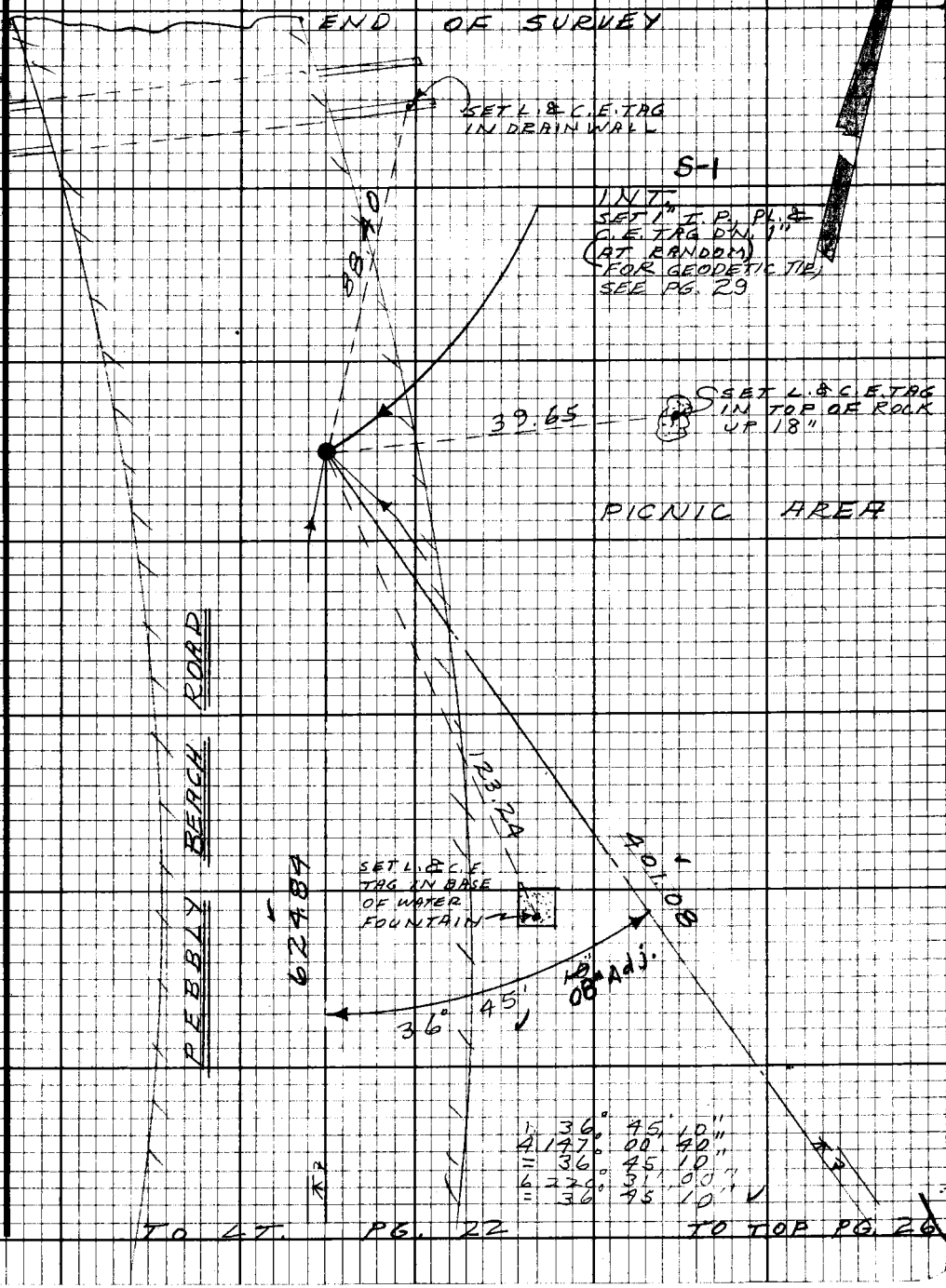
Note: Any Additions or Changes on this Sheet Must be Made on Card in Red Ink With Date and Name of Person Making Change.

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

Survey of AVALON STOLPORT
JN 1023.03 Tape 0249 Std 68°F
Surveyed by W. A. RICHARDS
Notes W. A. R. Date 10-69
Indexed C. J. GALLI OCT 21 '69

F.B. 3494 Pg. 23

W5 29 C-7

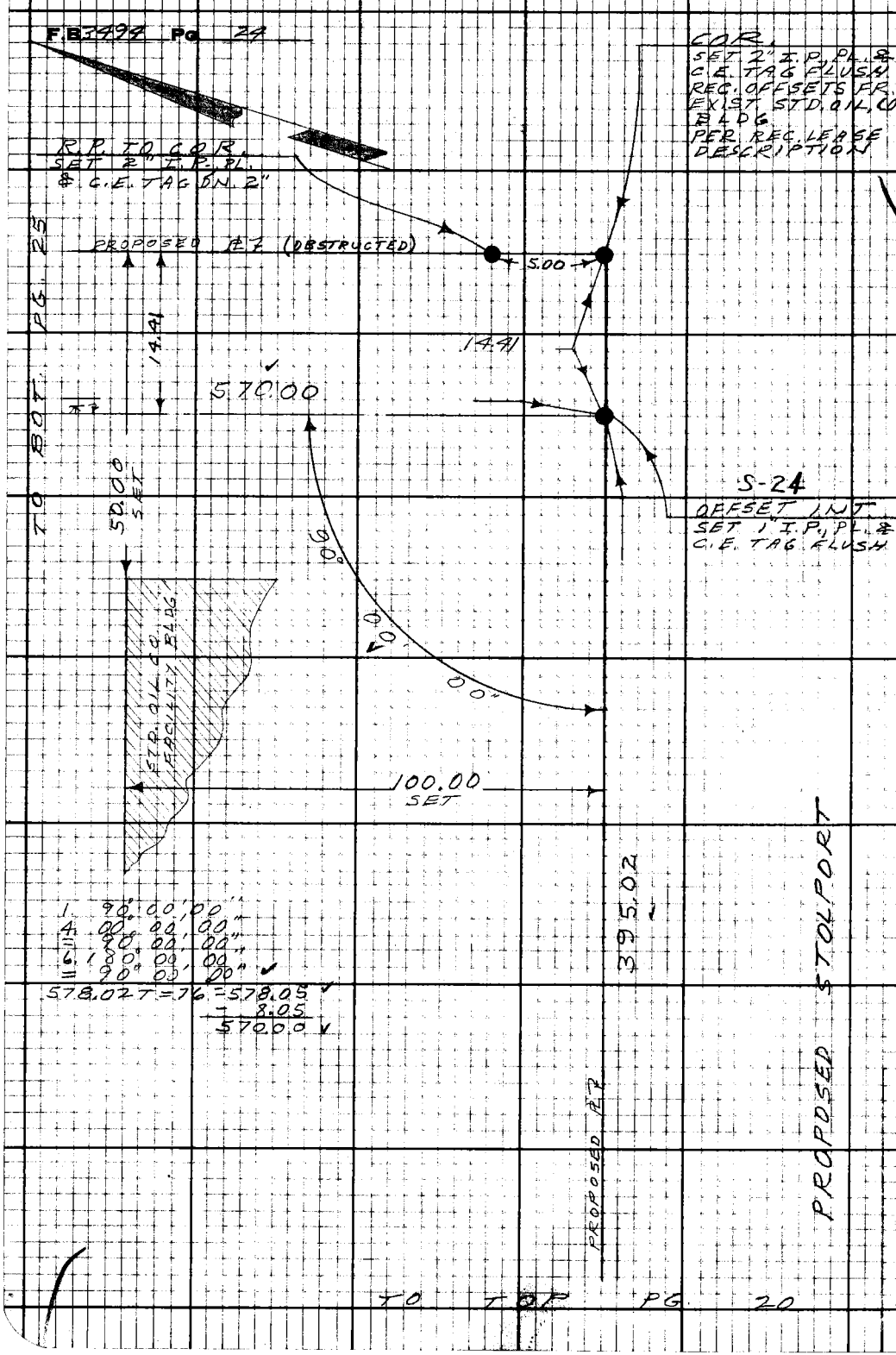


Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F3098 CE#310 9-67

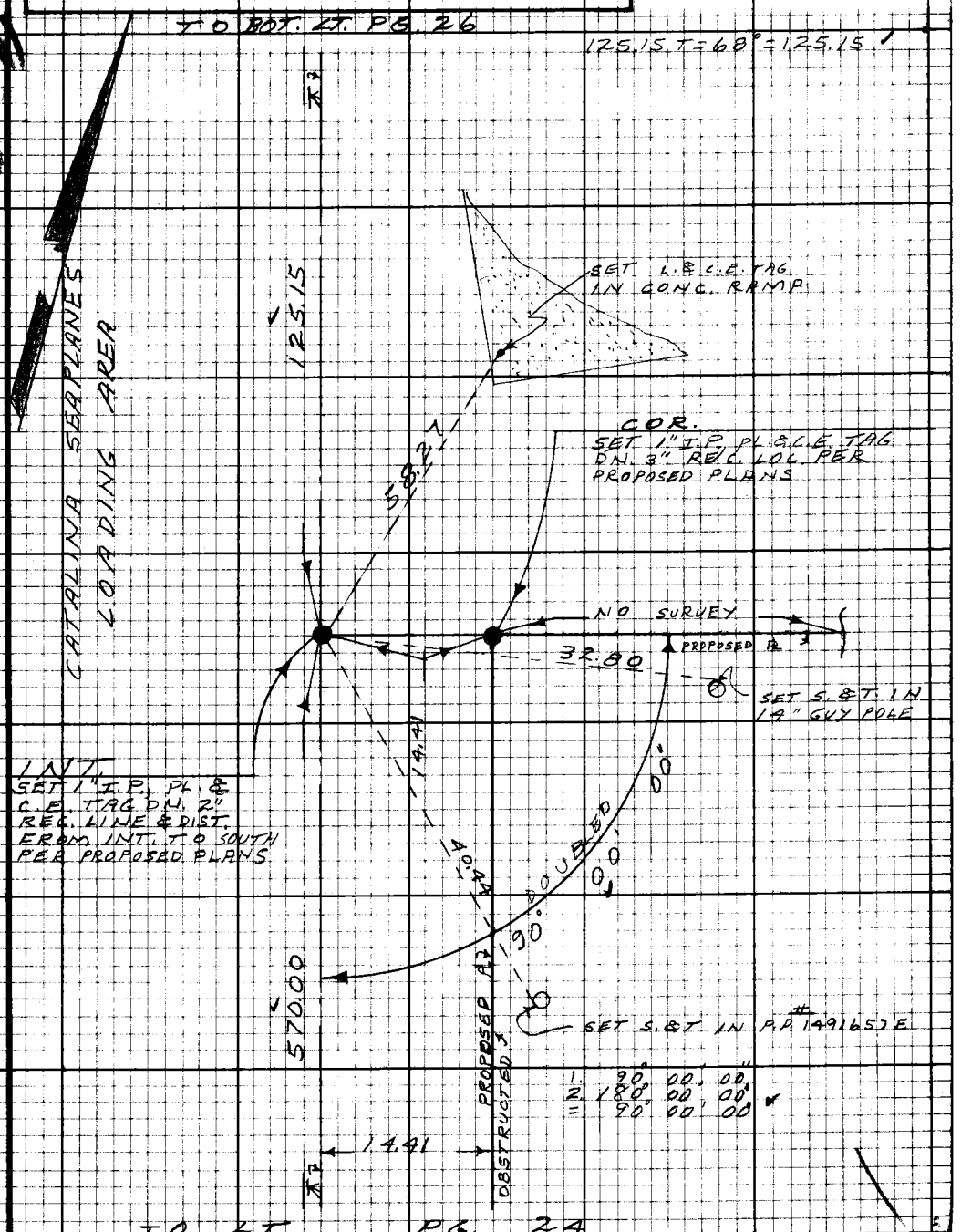


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Survey of AVALON STOLPORT
JN 002303 Tape 0249 Std 68°F
Surveyed by W. A. RICHARD
Notes W. A. R. Date 10-6-9
Indexed C. J. GALLI OCT 21 '69

F.B. 3494 Pg. 25

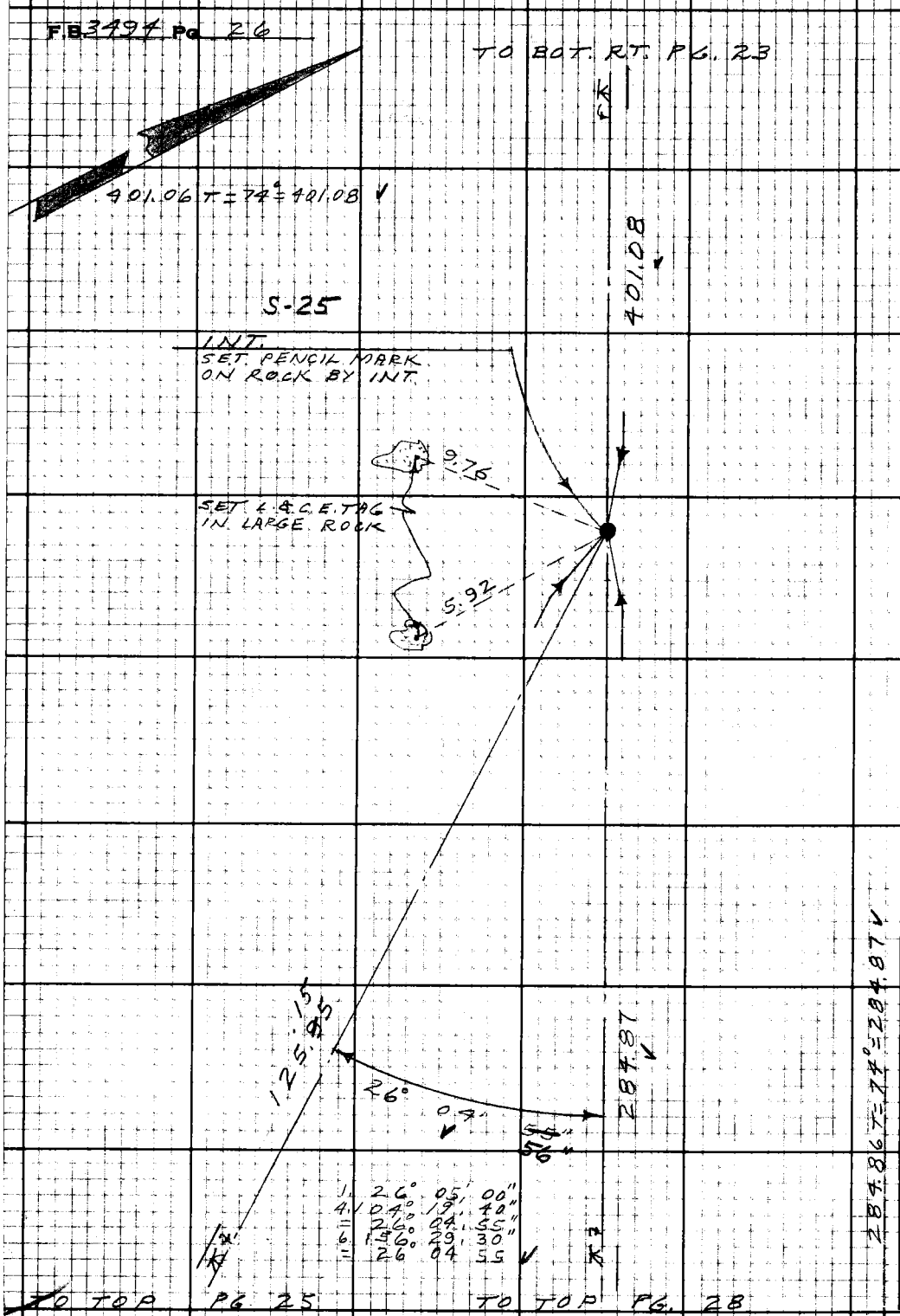


Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F3098 CE#310 9-67



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

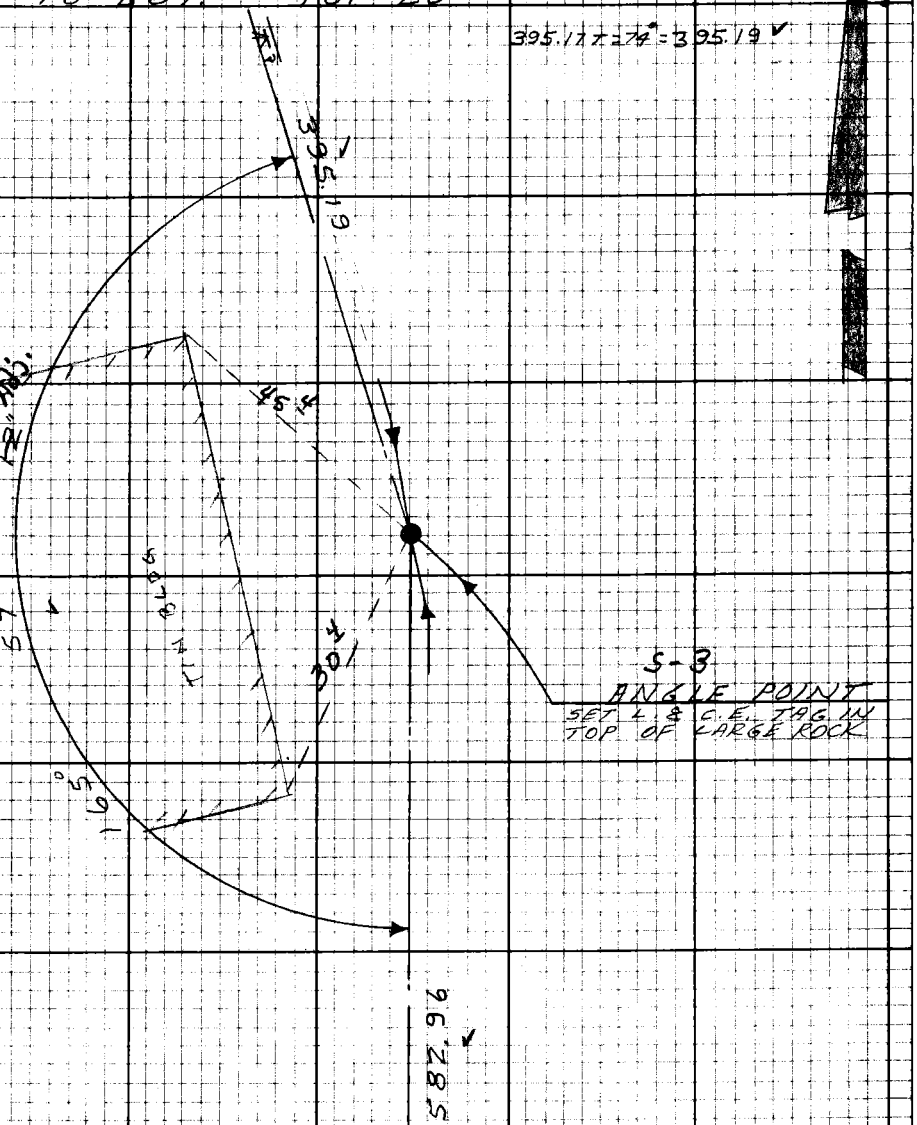
Notes Ck'd by D. SAPPELL
Map No.
Office Work
Checked
Date

Survey of AVALON STOLPORT
JN 002303 Tape 0249 Std 68°F
Surveyed by W. A. RICHARDS
Notes W. A. R. Date 10-69
Indexed C. J. GALLI OCT 21 '69

F.B. 3494 Pg. 27

TO BOT. PG. 28

395.17 T = 74° = 395.19 ✓



582.92 T = 78° = 582.96 ✓

1. 165° 57' 10"
4. 303° 48' 50"
= 165° 57' 12 1/2"
6. 275° 43' 10"
= 165° 57' 11 2/3" ✓

TO TOP PG. 17

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

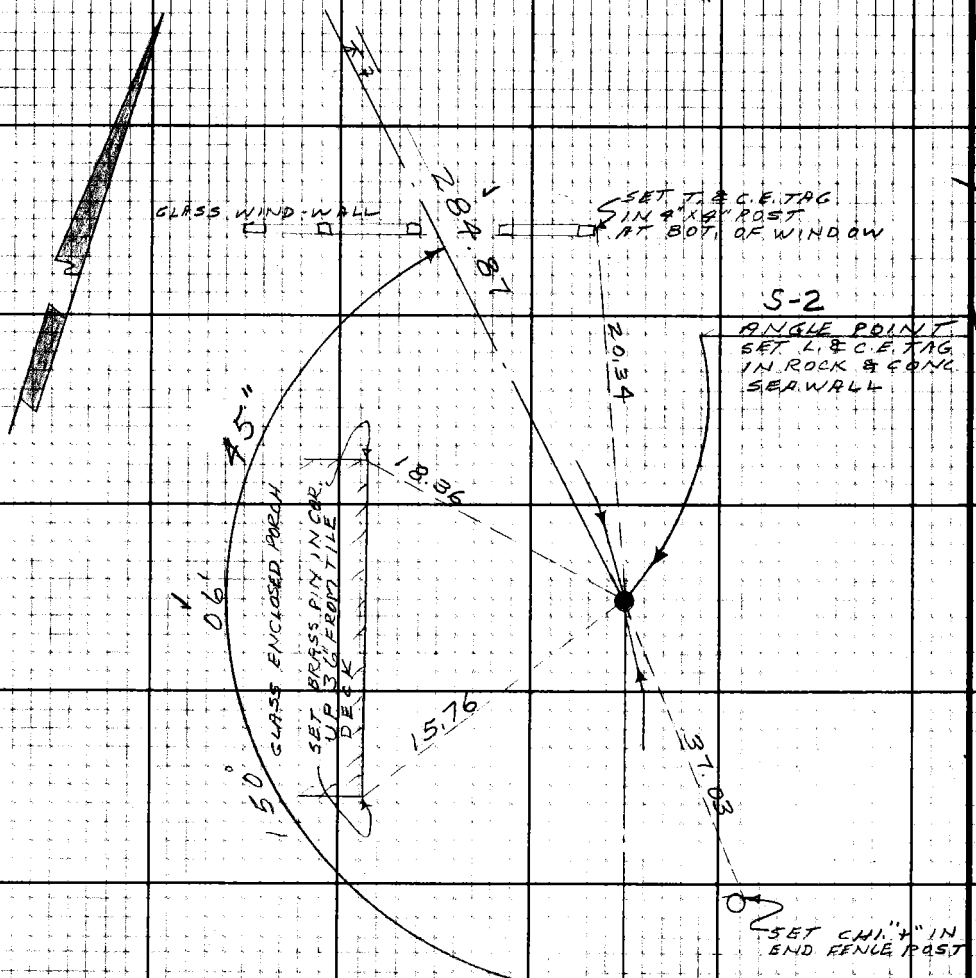
Do not extend this side of this line.

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

75F3098 CE#310 9-67

F.B. 3494 Pg. 28

TO BOT. PG. 26



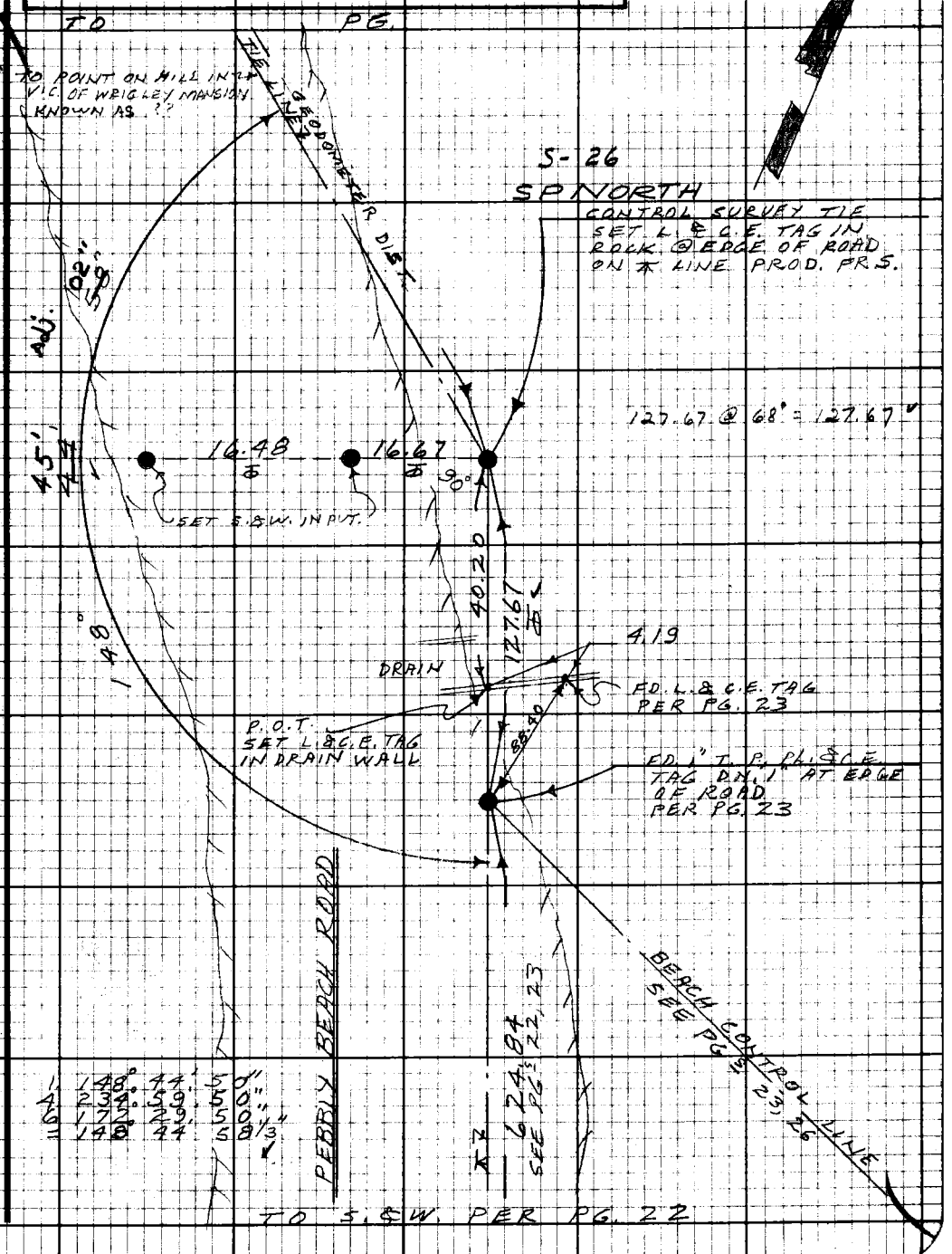
1.	150°	06'	40"
4.	240°	27'	00"
5.	150°	06'	45"
6.	180°	40'	30"
=	150	06	45"

TO TOP PG. 27

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by D. SAPPELL	Survey of AVALON & TOLPORT
Map No.	JN 002303 Tape 0249 Std 68° F
Office Work	Surveyed by W.A. RICHARDS
Checked	Notes W.A.R. Date 10-69
Date	Indexed C.J. GALLI OCT 21 '69

F.B. 3494 PG. 29



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

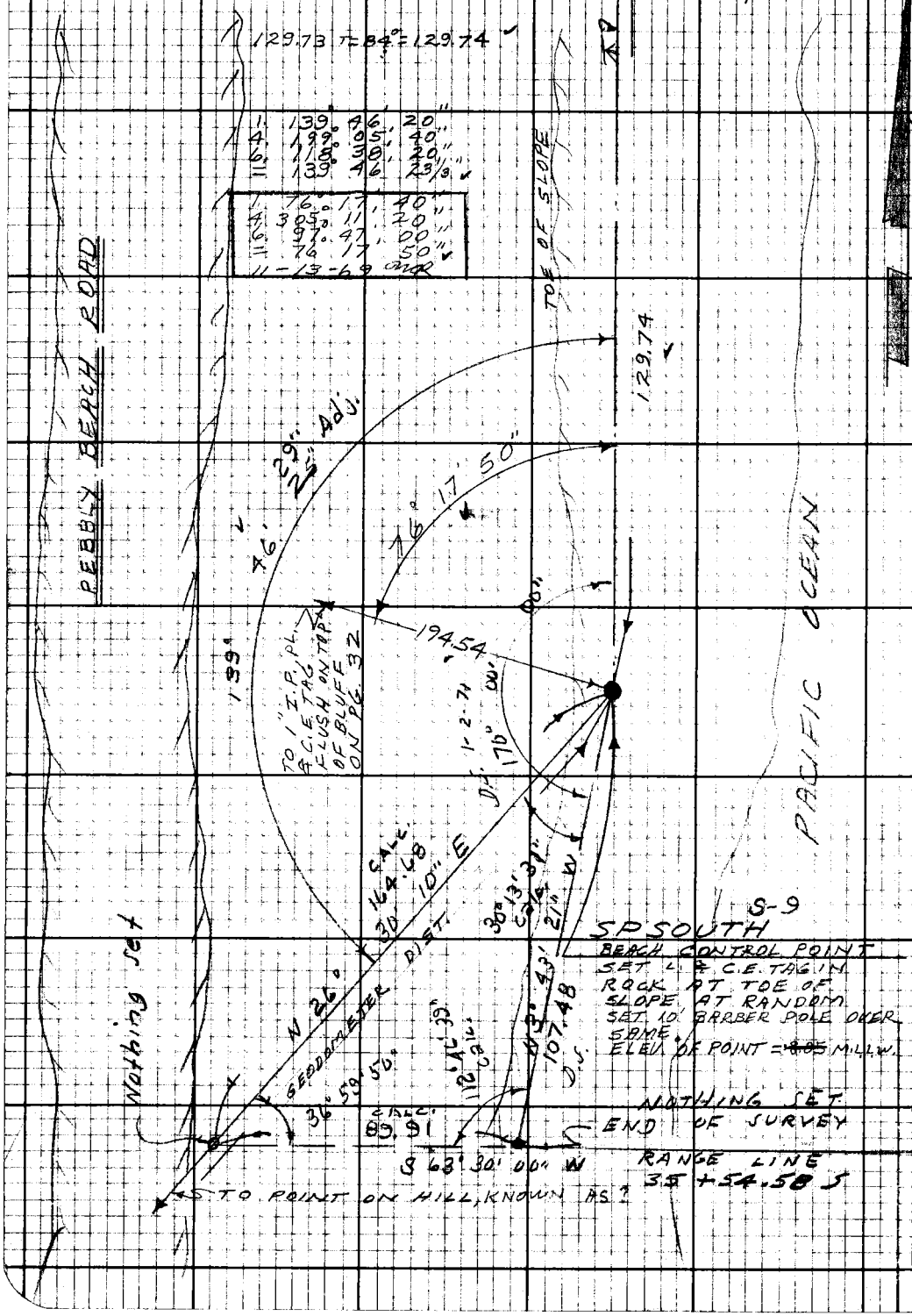
Do not extend this side of this line.

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

75F3098 CE #310 9-67

F.B. 3494 PG. 30

TO BOT. PG. 31



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

Do not extend this side of this line.

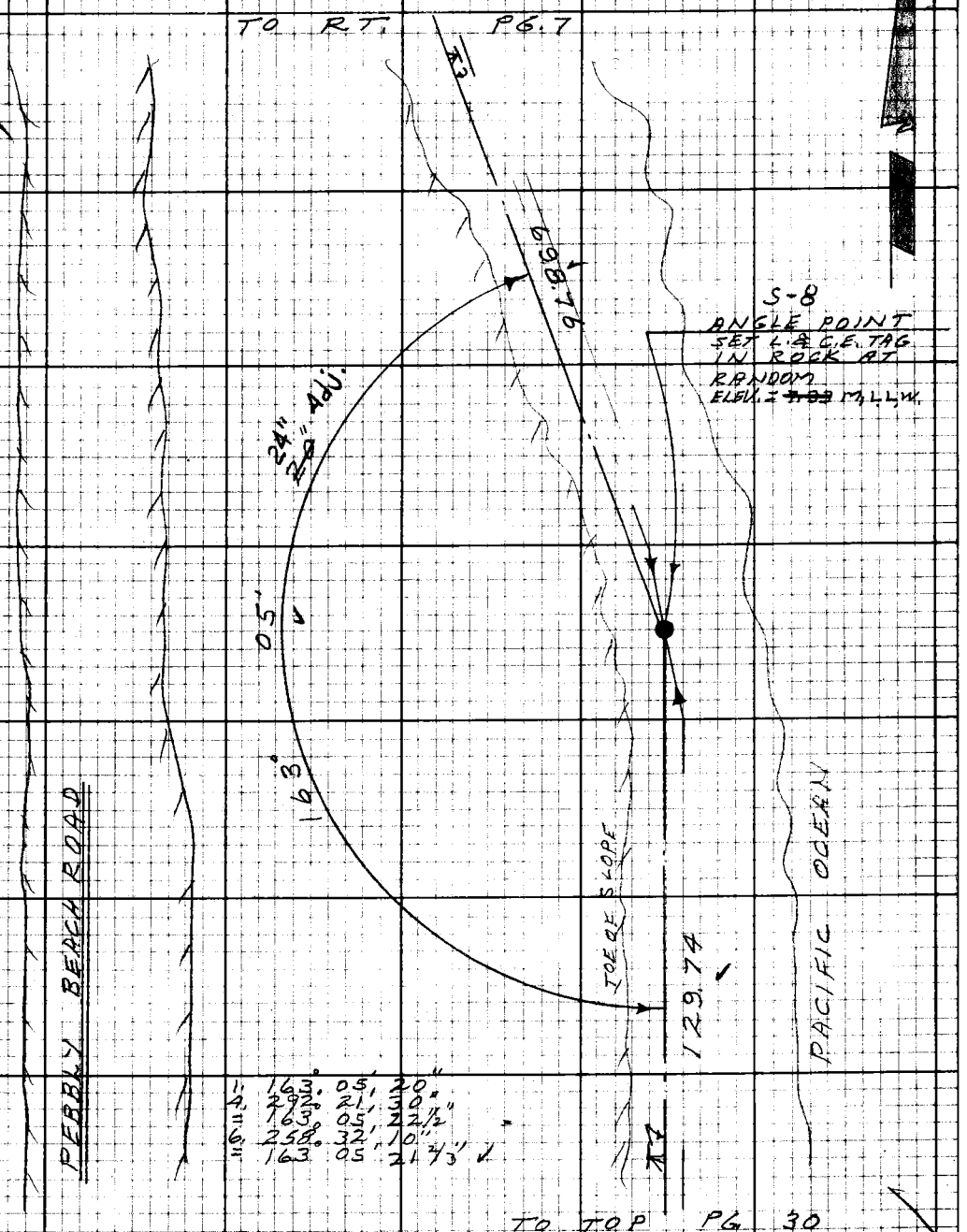
Note: Any Additions or Changes on this Sheet Must be Made on Circled in Red Ink With Date and Name of Person Making Change.

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

Survey of AVALON STORPORT
JN 002303 Tape 0249 Std 68 °F
Surveyed by W. A. RICHARDS
Notes W.A.R. Date 10-69
Indexed C. J. GALLI OCT 21 '69

F.B. 3494 Pg. 31

W529 C-7



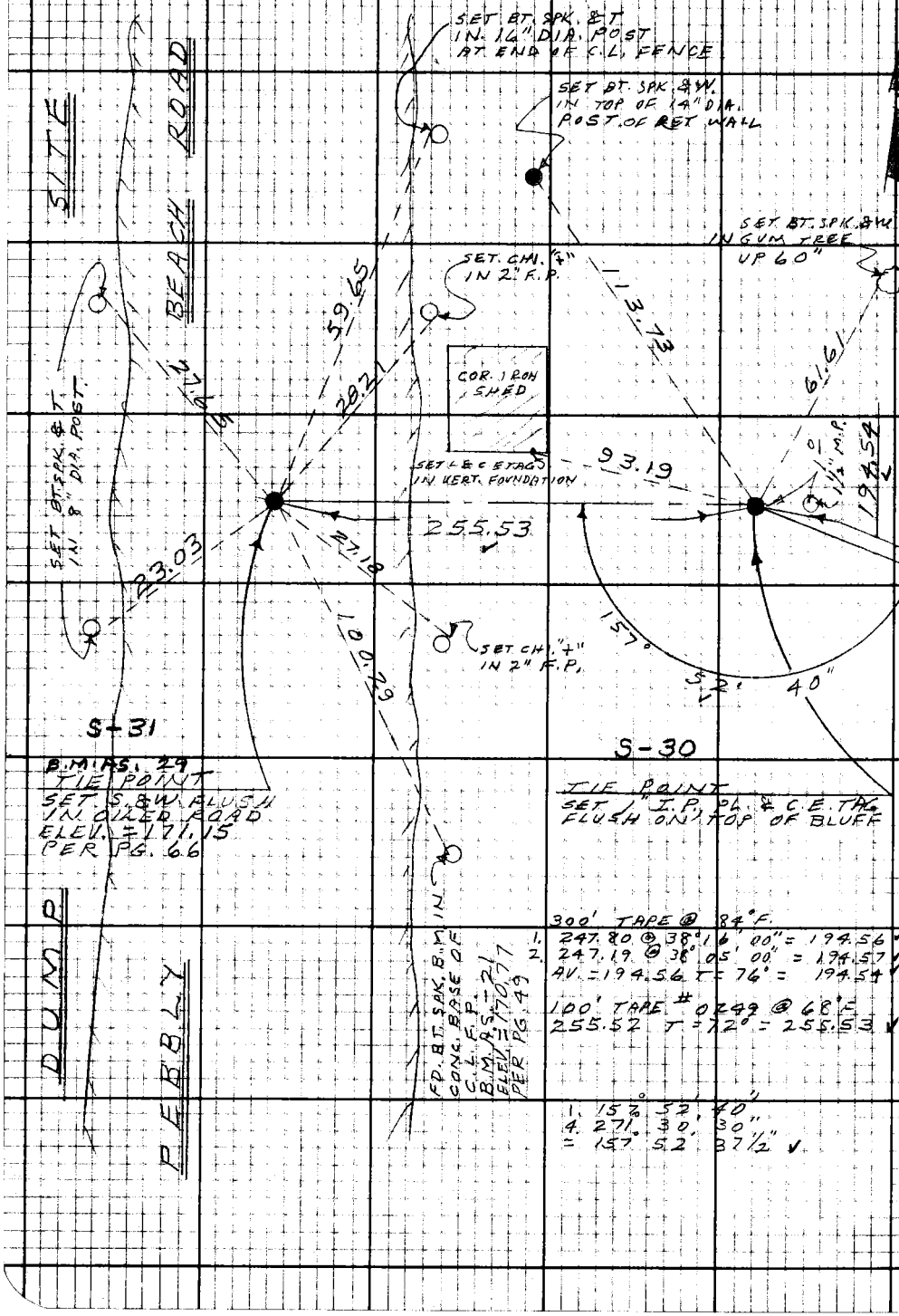
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

75F3098 CE #310 9-67

F.B. 3494 PG. 32



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of AVALON STOL PORT
Map No.	JN 0023.03 Tape Std °F
Office Work	Surveyed by RICHARDS
Checked	Notes DON W. Date 10-69
Date	Indexed C.J. GALLI OCT 21 '69

F.B. 3494 Pg. 33

J.N. 0023.03

AVALON STOLPORT

CATALINA ISLAND

LOCATION OF PAVEMENT AND FENCES ALONG PEBBLY BEACH ROAD, FROM THE EDISON CO. POWER STATION NORTHERLY 900'±

TRANSIT LINE SURVEYS PER PG^S 5-32, INC.

RICHARDS
WILKS
BANKSON
LIEBER

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

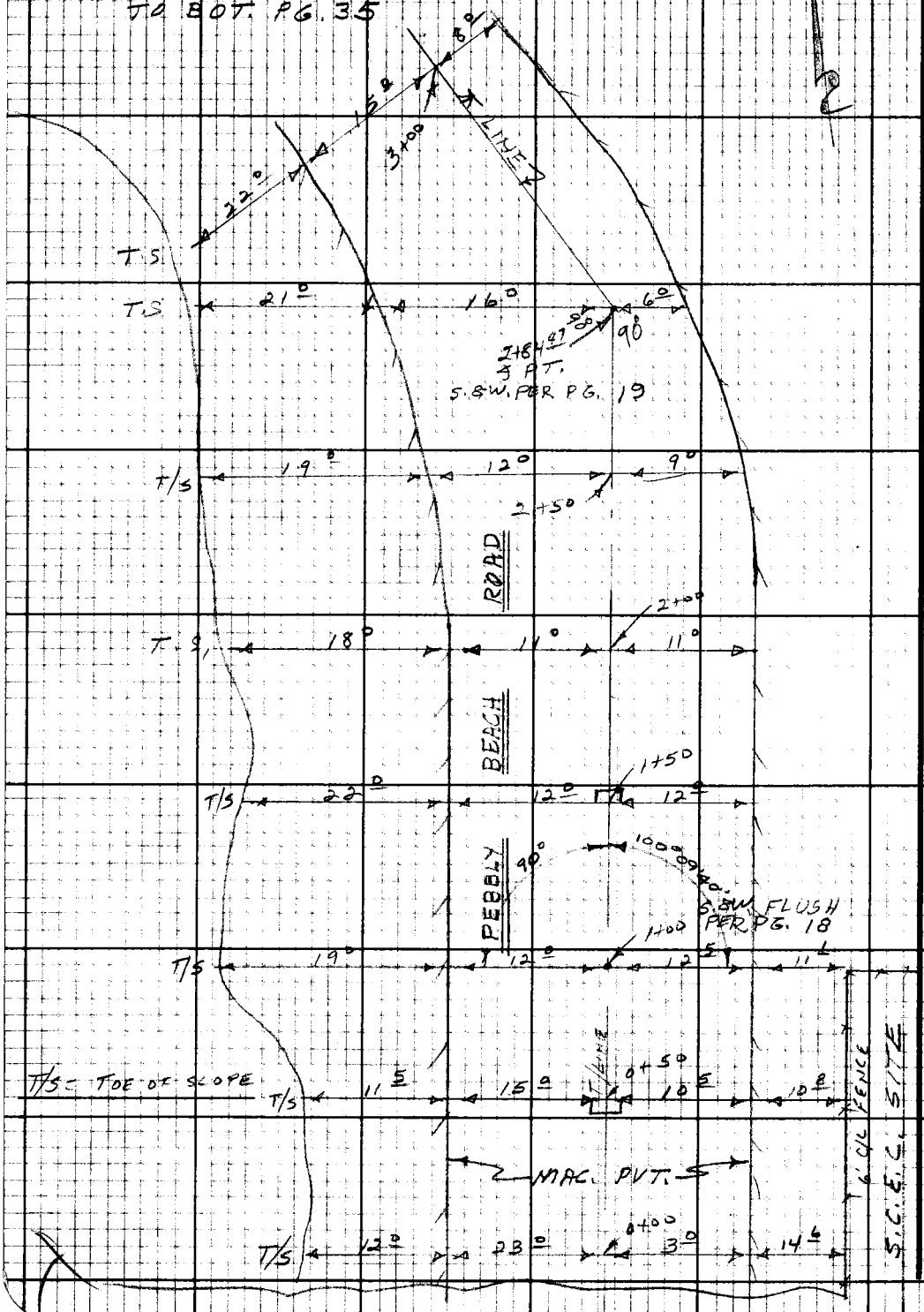
Do not extend this side of this line.

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

75F3098 CE#310 9-67

F.B. 3794 Pg. 34

TO BOT. PG. 35



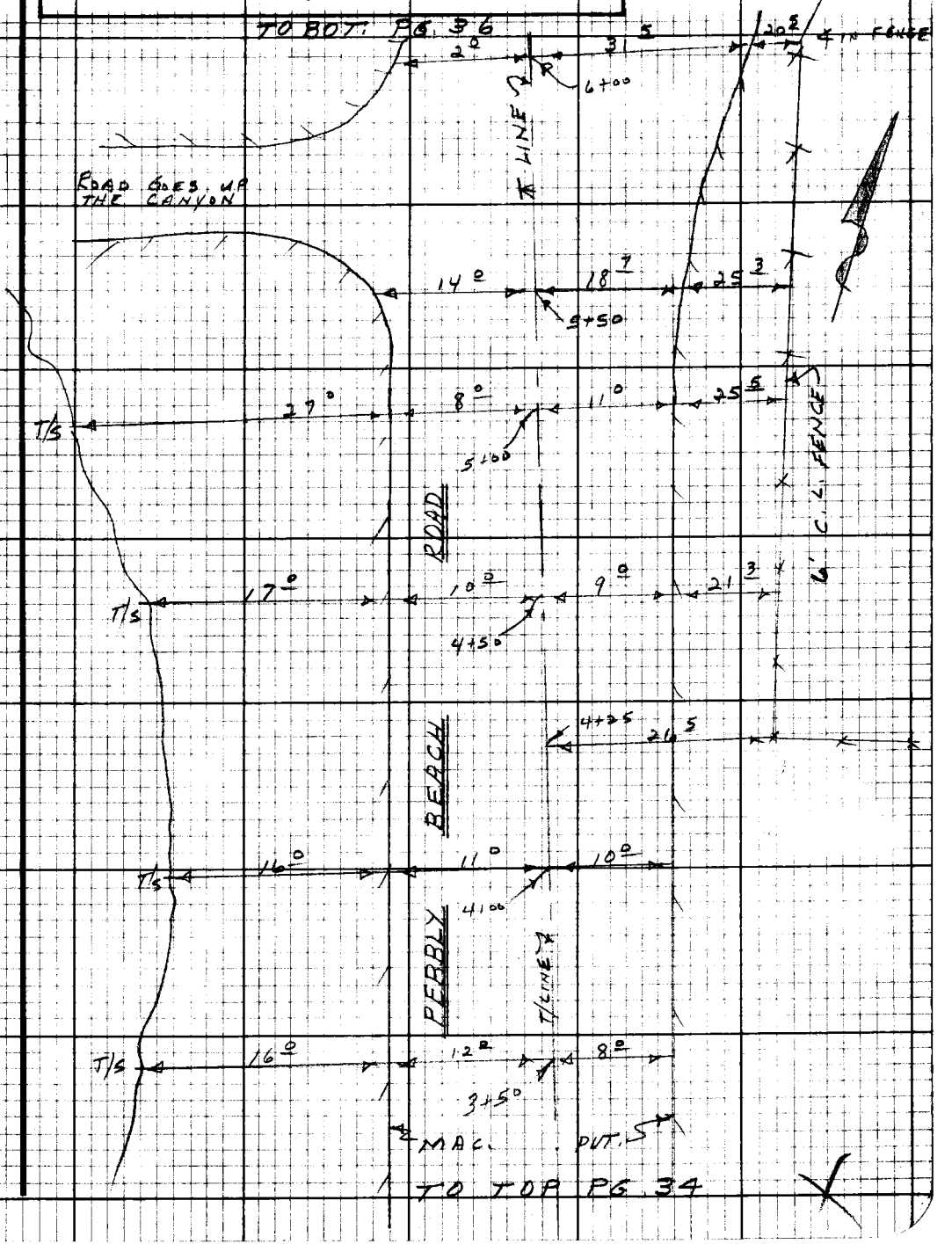
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of AVALON STOL PORT
Map No.	JN 0023.03 Tape Std °F
Office Work	Surveyed by RICHARDS
Checked	Notes DAN W. Date 10-69
Date	Indexed C. J. GALLI OCT 21 '69

F.B. 3494 PG. 35



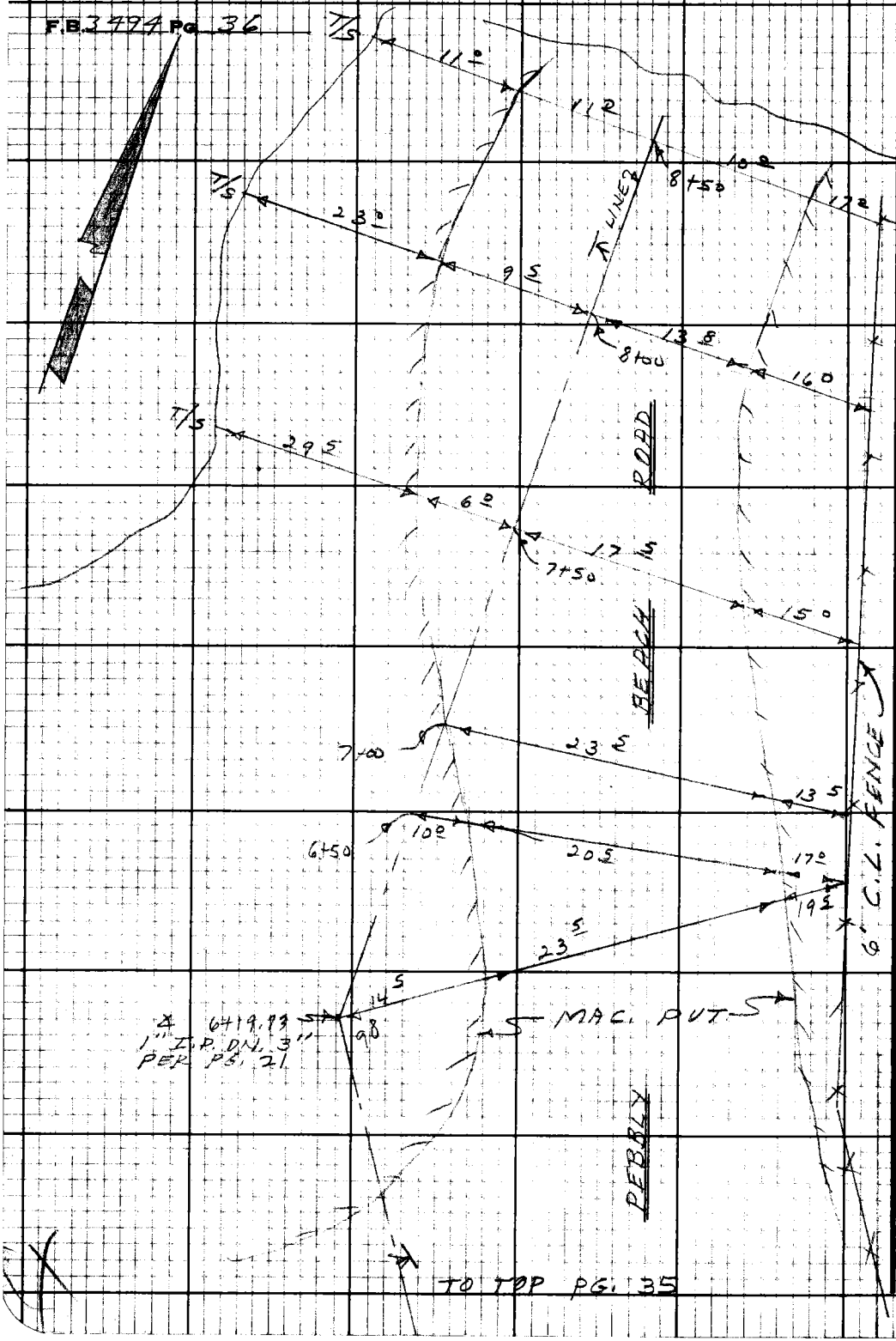
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F3098 CE#310 9-67

F.B. 3494 Pg. 36



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

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

Notes Ck'd by G. D. BAILEY	Survey of AVALON STOLPORT
Map No.	JN 002303 Tape 0249 Std 68 °F
Office Work	Surveyed by W.A. RICHARDS
Checked	Notes W.A.R. Date 10-69
Date	Indexed C.J. GALLI OCT 21 '69

F.B. 3494 Pg. 37

J. N. 0023.03

AVALON STOLPORT

BENCH LEVELS

FROM CITY OF AVALON S'LY. ALONG PEBBLY BEACH ROAD

ELEVATIONS USED ARE M.L.L.W., PER U.S.C.& G.S. TIDAL BENCH MARKS, ESTABLISHED IN 1925 QUAD. 331182, SANTA CATALINA ISLAND

SEE NEXT PAGE FOR INDEX MAP

FOR TRANSIT LINE SURVEY SEE PG.s S-32, INC.

FOR CONTROL SURVEY " "

DATUM = M.L.L.W.

RICHARDS
WILKS
BANKSON
LIEBER

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 this side of this line.

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

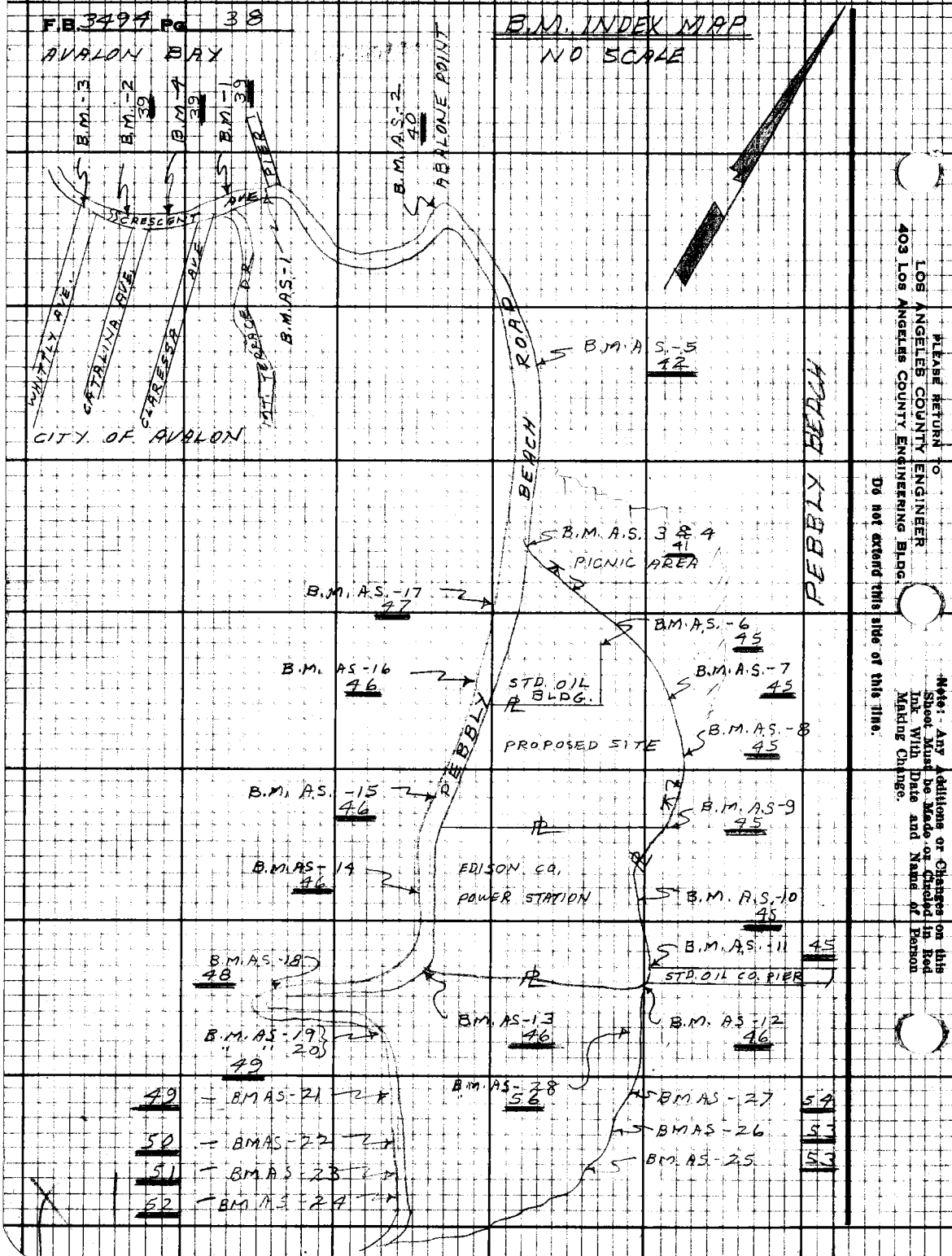
76F3098 CE #310 9-67

F.B. 3494 Pg. 38

AVALON BAY

B.M. INDEX MAP

NO SCALE



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

Do not extend this side of this line.

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

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	CIRCUIT #1 DESCRIPTION
(FD)						
B.M.#2	11.240				11.240	B.M.#2 (1925) ELEV. = 11.24 (M.L.L.W.)
+	5.006		5.042			CATALINA AVE. & CRESCENT AVE., S.W. COR.
⊼	16.246	+0.024	0.023	+0.0235		A STD. DISC., SET IN CONC. WK., 1° INSIDE
−	4.982		5.019			OF CONC. CURB & 1° S/O BLDG. LINE OF
						CRESCENT AVE.
(FD.)						
B.M.#4	11.264				11.263	B.M.#4 (RESET 1958) EL. = ~~11.22~~ 11.263 M.L.L.W.
+	4.913		4.815			CRESCENT AVE., S. SIDE, ± MIDWAY BET.
⊼	16.177	−0.769	0.770	−0.7695		CATALINA & CLARESSA AVE.
−	5.682		5.585			A STD. DISC. IN CONC. WK., 1° S/O CURB.
T.P.	10.495					
+	7.272		7.302			
⊼	17.767	+2.578	2.578	+2.5780		
(FD.) −	4.694		4.724			
B.M.#1	13.073				13.070	B.M.#1 (RESET 1968) EL. = ~~12.978~~ 13.070 M.L.W.
+	2.939		2.970			CRESCENT AVE. & MT. TERRACE DR.
⊼	16.012	−1.355	1.352	−1.3535		A BRASS DISC. IN TOP OF 12" DIA. CURB
−	4.294		4.322			WALL OF WATER PUMP
T.P.	11.718					
+	6.252		6.135			
⊼	17.970	+3.493	3.494	+3.4935		
−	2.759		2.641			
T.P.	15.211					
+	6.984		7.041			
⊼	22.195	−0.969	0.969	−0.9690		
(SET) −	7.953		8.010			
BM AS-1	14.242				14.239	BM AS-1 ELEV. = 14.239 F.B. 3494-39
						PEBBLY BEACH ROAD, N.LY SIDE, @ NEW PIER
						BT. SPK. IN CONC. WK., @ ∡ PT., OPP. F.H.

NOTES RED G. D. BAILEY OB NO. 007303 SURVEY OF AVALON STOLPORT
DATE OCT 29 '69 SURVEY BY W. A. RICHARDS
NOTES CHKD. G. D. BAILEY NOTES BY W. A. R. DATE 10-8-69
DATE OCT 29 '69 INDEXED C. J. GALLI DATE OCT 31 '69

F.B. 3494 PG. 39

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	CIRCUIT #1 DESCRIPTION
CONT.						PEBBLY BEACH ROAD
B.M. AS-1	14.242			+4.7185	14.239	SEE PREVIOUS PAGE.
+	10.457		10.548	10.597		
7 ⊼	24.699	+4.719	4.712	4.718		
−	5.738		5.836	5.879		
T.P.	18.961					—
+	4.381		4.448			
8 ⊼	23.342	−0.971	0.974	−0.9725		
−	5.352		5.422			
T.P.	17.990					—
+	3.526		3.576			
9 ⊼	21.516	−1.441	1.442	−1.4415		
−	4.967		5.018			
T.P.	16.549					—
+	4.721		4.770			
10 ⊼	21.270	−0.472	0.472	−0.4720		
−	5.193		5.212			
T.P.	16.077					—
+	4.376		4.441			
11 ⊼	20.453	+0.675	0.672	+0.6735		
(SET) −	3.701		3.769			
B.M. AS. 2	16.752			+0.7785	16.742	B.M. AS-2 ELEV. = 16.742 FB. 3494 − 40
+	5.488		5.589	5.658		PEBBLY BEACH ROAD AT ABALONE POINT
2 ⊼	22.240	+0.778	0.773	0.779		BT. SPK. IN ROCK AT EDGE OF BOARD WALK, &
−	4.710		4.816	4.879		6" ABOVE SAME.
T.P.	17.530					
+	3.532		3.636			
3 ⊼	21.062	−2.186	2.186	−2.1860		
−	5.718		5.822			
T.P.	15.344					

JOB NO. 002303 SURVEY OF AVALON STOLPORT NOTES RED. G. D. BAILEY DATE OCT 29 '69
SURVEY BY RICHARDS NOTES CHKD. G. D. BAILEY DATE 10-8-69
NOTES BY W. A. R. INDEXED C. J. GALLI DATE OCT 29 '69

F.B. 3494 Pg. 40

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

NOTES RED D. BAILEY JOB NO. 007303 SURVEY OF AVALON ETOL PORT
DATE OCT 29 '69 SURVEY BY W. A. RICHARDS
NOTES CHKD D. BAILEY NOTES BY [illegible] DATE [illegible]
DATE OCT 29 '69 INDEXED C. J. GALLI DATE [illegible]

F.B. 3494 PG. 41

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION PEBBLY BEACH ROAD - CIRCUIT #1
CONT.						
T.P.	15.344					FR PREVIOUS PG.
+	5.378		5.531			
4 ⊼	20.722	+0.538	0.539	+0.5380		
−	4.840		4.993			
T.P.	15.882					± @ 25 MPH SIGN
+	4.860		4.937			
5 ⊼	20.742	−0.672	0.669	−0.6705		
−	5.532		5.606			
T.P.	15.210					—
+	4.901		5.005			
16 ⊼	20.111	+0.089	0.086	+0.0875		
−	4.812		4.919			
T.P.	15.299			−0.3225		—
+	4.902		5.071	5.017		
17 ⊼	20.201	−0.322	0.327	0.323		
−	5.224		5.398	5.340		
T.P.	14.977					—
+	4.301		4.452			
18 ⊼	19.278	−0.333	0.333	−0.3330		
(SET) −	4.634		4.785			
BM AS 3	14.644				14.630	B.M. AS 3 ELEV. = 14.630 FB 3494-41
+	4.670		4.773			PEBBLY BEACH ROAD, ELY SIDE. @ PICNIC AREA
9 ⊼	19.314	−0.550	0.550	−0.5500		L. & C.E. TAG IN SLY. WALL OF DRAIN.
(SET) −	5.220		5.323			
BM AS 4	14.094				14.080	B.M. AS 4 ELEV. = 14.080 FB. 3494-41
+	5.188		5.258			PEBBLY BEACH ROAD, ELY SIDE @ [illegible]
20 ⊼	19.282	+0.551	0.549	+0.5500		1" I.P. & C.E. TAG ON 1" AT EDGE OF ROAD
−	4.637		4.709			FOR LOC., SEE PG. 23
T.P.	14.645					

768420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

NOTES RED. G. D. BAILEY DATE OCT 29 '69
NOTES CHKD. G. D. BAILEY DATE OCT 29 '69

SURVEY OF AVALON STOLPORT
SURVEY BY W. A. RICHARDS DATE 10-8-62
NOTES BY W. A. R.
INDEXED C. J. GALLI DATE

JOB NO. 0023.03

F.B. 3494 Pg. 42

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION CIRCUIT #1 -RETURN
T.P.	14.645					—
+	4.914		5.022			
22 ⊼	19.559	+0.331	0.330	+0.3325		
−	4.583		4.692			
T.P.	14.976					—
+	5.748		5.830			
23 ⊼	20.724	+0.333	0.332	+0.3325		
−	5.415		5.498			
T.P.	15.309					—
+	5.142		5.218			
23 ⊼	20.451	+0.024	0.026	+0.0250		
−	5.118		5.192			
T.P.	15.333					—
+	5.614		5.715			
24 ⊼	20.947	+0.776	0.779	+0.7775		
(SET) −	4.838		4.936			
BM AS-5	16.109				16.092	B.M. A.S.-5 ELEV.=16.092 F.B. 3494-42
+	4.562		4.655			PEBBLY BEACH ROAD, ELY. SIDE, M.I.
25 ⊼	20.671	-0.487	0.488	-0.4875		NLY FR. PICNIC AREA
−	5.049		5.143			6" BT. SPK. & W. IN PUT, 10' W/O 25 M.P.H.
T.P.	15.622			+1.9455		SIGN.
+	6.970		7.083	7.052		
26 ⊼	22.592	+1.948	1.943	1.945		
−	5.022		5.140	5.107		
T.P.	17.570					—
+	4.273		4.381			
27 ⊼	21.843	-0.793	0.790	-0.7915		
(FD.) −	5.066		5.171			
B.M. A.S. 2	16.777				16.742	B.M. A.S.-2 ELEV.=16.742 PER PG. 40

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	RETURN CIRCUIT DESCRIPTION NO. 1
B.M. A.S.-2	16.777				16.742	
+	4.010		4094			
28 ⊼	20.787	-0.690	0.690	-0.6900		
−	4.700		4.784			
T.P.	16.087					
+	6.708		6.854			
29 ⊼	22.795	+0.375	0.373	+0.3740		
−	6.333		6.481			
T.P.	16.462					
+	6.811		6.938			
30 ⊼	23.273	+1.686	1.688	+1.6870		
−	5.125		5.250			
T.P.	18.148					
+	6.536		6.612			
31 ⊼	24.684	+0.838	0.840	+0.8390		
−	5.698		5.772			
T.P.	18.986			-4.7185		
+	2.988		3.098	3.029		
2 ⊼	21.974	-4.709	4.719	4.718		
(FD) −	7.697		7.817	7.747		
BM AS-1	14.277				14.239	B.M. AS-1 ELEV.=14.239 PER PG. 39
(14.242) +	6.470		6.602			
33 ⊼	20.747	-1.528	1.524	-1.5260		
−	7.998		8.126			
T.P.	12.749					
+	3.891		3.961			
34 ⊼	16.640	-1.853	1.854	-1.8535		
−	5.744		5.815			
T.P.	10.896					

NOTES RED G. D. BAILEY JOB NO. 0023,03 SURVEY OF AVALON STOLPORT
DATE OCT 29 '69 SURVEY BY W. A. RICHARDS
NOTES CHKD G. D. BAILEY NOTES BY W. A. R. DATE 10-2-69
DATE OCT 29 '69 INDEXED C. J. GALLI DATE OCT 21 '69

3494 F.B. PG. 43

765420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

JOB NO. 0023.03 SURVEY OF AVALON STOLPORT NOTES RED. G. D. BAILEY DATE OCT 29 '69
SURVEY BY W. A. RICHARDS NOTES CHKD. G. D. BAILEY DATE OCT 29 '69
NOTES BY [illegible] DATE 10-8-69
INDEXED [illegible] DATE
F.B. 3494 PG. 44

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						RETURN - CIRCUIT NO. 1
T.P.	10.896					—
+	5.490		5.661			
35 ⊼	16.386	+2.210	2.212	+2.2116		
(FD.) −	3.280		3.449			
B.M. #1	13.106			-1.8120	13.070	B.M. #1 ELEV. = ~~12.978~~ 13.070 (RESET 1958) SEE PG. 39
+	2.989		3.062	3.026		
36 ⊼	16.095	-1.809	1.814	1.812		
(FD) −	4.798		4.876	4.838		
B.M. # 4	11.297			-1.813	11.263	B.M. #4 ELEV. = ~~11.22~~ 11.263 (RESET 1958) SEE PG. 39
+	4.711		4.811			
37 ⊼	16.008	-0.022	0.022	-0.0220		
(FD.) −	4.733		4.833			
B.M. # 2	11.275			+0.4499	11.240	B.M. #2 ELEV. 11.240 SEE PG. 39
+	4.747		4.830	4.681		
⊼	16.022	+0.449	0.444	0.449		
−	4.298		4.386	4.232		
T.P.	11.724					—
+	7.700		7.777			
⊼	19.424	-4.587	4.586	+4.5865		
(FD) −	3.113		3.191			
B.M. # 3	16.311				16.276	B.M. #3 ELEV. = ~~16.114~~ 16.276 (1968 RESET) CRESCENT AVE. & WHITTLEY AVE., N.W. COR. STD. BRONZE DISC. IN THE N'WLY CURB OF WHITTLEY AVE. AT THE S.W. COR. OF A STORM DRAIN, & 6.5' S.E. OF THE EAST COR. OF THE SCARIS HOTEL.
END	OF	THIS	RUN	!		

765420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	CIRCUIT DESCRIPTION NO. 2
						UNADJUSTED
B.M. AS-4	14.091				14.080	B.M. AS-4 EL. = 14.091 FB. 3494-41
+	5.096		5.162			PEBBLY BEACH ROAD, ELY SIDE, @ PICNIC AREA
⊼	19.187	-0.491	0.491	-0.4910		1" I.P. & C.E. TAG DN. 1" AT EDGE OF ROAD S-1
(SET) -	5.587		5.653			(HOR. LOC. ON PG. 23)
B.M. AS-6	13.600				13.588	B.M. AS-6 ELEV. = 13.588 FB. 3494-45
+	5.219		5.298			A 1" I.P. PL. & C.E. TAG DN. 1" ON 14.91
⊼	18.819	+2.147	2.146	+2.1465		OFFSET LINE AT NLY. COR. OF STOLPORT
(SET) -	3.072		3.152			(HOR. TIES ON PG. 25)
BM AS-7	15.747			1.8490	15.733	B.M. AS-7 ELEV. = 15.733 FB. 3494-45
+	4.389		4.077	4.207		C.E. TAG IN ROCK & CONC. SEAWALL
⊼	20.136	+1.949	1.849	1.849		ON BEACH CONTROL LINE @ STA. S-2
(SET) -	2.440		2.228	2.358		(HOR. LOC. ON PG. 28)
BM AS-8	17.696				17.580	BM AS-8 ELEV. = 17.580 FB. 3494-45
+	3.126		3.011			C.E. TAG IN ROCK ON BEACH CONTROL
⊼	20.822	-0.451	0.454	-0.4525		LINE @ STA. S-3
-	3.577		3.465			(HOR. LOC. ON PG. 27)
T.P.	17.245					
+	5.420		5.468			
⊼	22.665	+1.075	1.072	+1.0735		
(SET) -	4.345		4.396			
BM AS-9	18.320				18.199	BM AS-9 ELEV. = 18.199 FB. 3494-45
+	6.526		6.568			1" I.P. ON BEACH CONTROL LINE @ STA.
⊼	24.846	+0.935	0.935	+0.9350		HOR. LOC. ON PG. 17 S-4
(SET) -	5.591		5.633			
BM AS-10	19.255				19.132	B.M. AS-10 ELEV. = 19.132 FB. 3494-45
+	5.857		5.987			S.C.E.C. B.C.M. ON ELY PL. OF S.C.E. [illegible]
⊼	25.112	+0.445	0.446	+0.4455		HOR. LOC. ON PG. 16 (S-5)
(SET) -	5.412		5.541			
B.M. AS-11	19.700				19.576	B.M. AS-11 ELEV. = 19.576 FB. 3494-45

NOTES RED G. D. BAILEY JOB NO. 00[illegible] SURVEY OF AVALON STOLPORT
DATE OCT 29 '69 SURVEY BY W. A. RICHARDS
NOTES CHKD G. D. BAILEY NOTES BY W. A. R. DATE 10-9-69
DATE OCT 29 '69 INDEXED C. J. GALLI DATE OCT 21 '69

3494 F.B. PG. 45

768420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	CIRCUIT #2 DESCRIPTION
BM AS-11	19.700				19.576	BM AS-11 CONT.
+	11.777		11.918	11.823		S.C.E.C. B.C.M. @ S'ELY COR OF ED. CO.
π	31.477	+10.563	10.574	10.572		PROPERTY, IN WLL. OF PIER.
(SET) −	1.214		1.344	1.251		HOR LOC. ON PG. 15
BM. AS-12	30.263				30.148	BM AS-12 ELEV. = 30.148 FB. 3494 - 46
+	11.797		11.653			A.L.&C.E. TAG ON S'ELY PL. OF ED. CO. PROPERTY
π	42.060	+10.015	10.011	+10.012		& TOP OF CONC. DRAIN, N'LY WALL
(SET) −	1.782		1.642			(HOR. LOC. PER PG. 14)
BM AS-13	40.278				40.159	BM AS-13 ELEV. = 40.159 FB. 3494 - 46
+	0.296		0.353			L.&C.E. TAG IN CONC. CURB NEAR THE S'WLY
π	40.574	-9.748	9.751	-9.749		COR. OF ED. CO. PLANT, & ON π LINE PROD.
−	10.044		10.104			(HOR. LOC. PER PG. 9)
T.P.	30.530					
+	1.263		1.076			
π	31.793	-6.815	6.815	-6.815		
(SET) −	8.078		7.891			
BM AS-14	23.715				23.592	BM AS-14 ELEV. = 23.592 FB 3494 - 46
+	0.947		1.088			PEBBLY BEACH RD., E'LY SIDE, TOP OF 2"
π	24.662	-5.904	5.904	-5.904		I.P. @ ± PT. IN S.C.E.C. ℄. (N'LY. LIP OF I.P.)
(SET) −	6.851		6.992			(HOR. LOC. ON PG. 11)
BM AS-15	17.811				17.687	BM AS-15 ELEV. = 17.687 FB. 3494 - 46
+	8.333		8.429			PEBBLY BEACH ROAD, FIRST P.I. N/O N'LY.
π	26.144	+5.590	5.591	+5.590		LINE OF S.C.E.C. PROPERTY
SET −	2.743		2.838			(HOR LOC. ON PG. 19)
BM AS-16	23.401				23.276	BM AS-16 ELEV. = 23.276 FB. 3494 - 46
+	1.698		1.838			PEBBLY BEACH ROAD W'LY SIDE @ ± P.I.
π	25.099	-6.597	6.599	-6.598		OF PVT. & 41' ± N/O S'LY ℄ OF PROPOSED
−	8.295		8.437			~OLPORT. 1" I.P. DN. 2" (HOR. LOC. PER.
T.P.	16.804					PG. 21)

G. D. BAILEY
NOTES RED. G. D. BAILEY DATE OCT 29 '69
NOTES CHKD. DATE OCT 29 '69

SURVEY OF AVALON STOLPORT
SURVEY BY W. A. RICHARD DATE 10-9-69
NOTES BY W. A. R.
INDEXED G. GALLI DATE

JOB NO. 002303

F.B. 3494 Pg. 46

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	CIRCUIT #2 DESCRIPTION
T.P.	16.804					
+	3.456		3.615			
∓	20.260	-2.158	2.161	-2.1595		
(SET) −	5.614		5.776			
BM AS-17	14.646				14.516	BM AS-17 ELEV. = 14.516 FB 3494 - 47
+	5.236		5.345			PEBBLY BEACH ROAD, @ ± P.I. ON PVT,
∓	19.882	+0.026	0.928	+0.0270		BT. SPK. S.W. IN PVT. OPP. STUCCO BLDG.
−	5.210		5.317			(HOR. LOC. ON PG. 22)
T.P.	14.672					
+	5.149		5.291			
∓	19.821	-0.458	0.461	-0.4595		
(FD) −	5.607		5.752			
BM AS-4	14.214				14.080	UNADJUSTED BM AS-4 ELEV. = 14.091 FB 3494 - 41
						PEBBLY BEACH ROAD, BY SIDE, @ PICN. AREA
						"I.P. & C.E. TAG DN." @ EDGE OF ROAD
						(HOR. LOC. ON PG. 23)
	END	OF	CIRCUIT	#2		

SEE NEXT PG. FOR CIRCUIT NO. 3

NOTES REC'D. G. D. BAILEY JOB NO. 3303 SURVEY OF DUALDON STORM DR.
DATE OCT 29 '69 SURVEY BY W. A. RICHARDS
NOTES CHK'D. G. D. BAILEY NOTES BY W. A. R. DATE
DATE OCT 29 '69 INDEXED C.J. GALLI DATE

F.B. 3494 PG. 47

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

JOB NO. 0023.03 SURVEY OF AVALON STOLPORT NOTES RED. G. D. BAILEY DATE OCT 29 '69
SURVEY BY W. A. RICHARDS NOTES CHKD. G. D. BAILEY
NOTES BY W. A. R. DATE 10-10-69 DATE NOV 6 '69
INDEXED C. J. GALLI DATE
F.B. 3494 Pg. 48

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	CIRCUIT # 3 DESCRIPTION
F.D.						UNADJUSTED!
BM AS-13	40.183				40.159	BM AS-13 ELEV. = 40.183 PER PG. 46
+	11.952		11.827			L.S.C.E. TAG IN CURB ON π LINE PROD.
π	52.135	+11.589	11.590	+11.589		NEAR S.W. COR. OF EDISON POWER STA.
−	0.363		0.237			
T.P.	51.772					—
+	11.795		11.604			
π	63.567	+11.347	11.350	+11.3485		
−	0.448		0.254			
T.P.	63.119					—
+	11.811		11.666			
π	74.930	+11.353	11.353	+11.3530		
−	0.458		0.313			
T.P.	74.472					—
+	8.890		8.957			
π	83.362	+4.930	4.929	+4.9295		
SET −	3.960		4.028			
BM AS-18	79.402				79.382	BM AS-18 ELEV. = 79.382 FB. 3494-48
+	11.910		11.732			PEBBLY BEACH ROAD NW SIDE
π	91.312	+11.699	11.200	+11.1995		BT. SPIK. IN P.P. # 1992464 E, ON ROAD
−	0.711		0.532			SIDE & UP 12"
T.P.	90.601					
+	11.000		11.038			
π	101.601	+10.352	10.352	+10.3520		
−	0.648		0.686			
T.P.	100.953					—
+	11.752		11.598			
π	112.705	+11.232	11.229	+11.2305		
−	0.520		0.369			
T.P.	112.185					—

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

NOTES RED. G. D. BAILEY JOB NO. 0022[illegible] SURVEY OF AVALON STOLPORT
DATE NOV 6 '69 SURVEY BY W. A. RICHARDS
NOTES CHKD. G. D. BAILEY NOTES BY W. A. R. DATE 10-10-69
DATE NOV 6 '69 INDEXED C. J. GAILEY DATE OCT 2 1 '69

3494 F.B. PG. 49

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	CIRCUIT #3 DESCRIPTION
T.P.	112.185					—
+	11.835		11.677			
⊼	124.020	+11.418	11.419	+11.4185		
−	0.417		0.258			
T.P.	123.603					—
+	10.204		10.192			
⊼	133.807	+8.942	8.946	+8.9440		
(SET) −	1.262		1.246			
BM AS-19	132.545				132.529	BM AS-19 ELEV.=132.529 FB3494-49
+	8.139		8.194			PEBBLY BEACH ROAD, S/O ED. STA., @ TOP OF FIRST
⊼	140.684	+5.741	5.740	+5.7405		HILL. A 1" I.P., P.O.T., PL. & C.E. TAG AT EDGE OF ROAD
(SET) −	2.398		2.454			(HOR. LOC. PER PG. 88)
BM AS-20	138.286				138.270	BM AS-20 ELEV.=138.270 FB3494-49
+	11.798		11.909			PEBBLY BEACH ROAD, @ TOP OF HILL S/O S.C.E.
⊼	150.084	+11.505	11.504	+11.5045		1" I.P. @ ELY. EDGE OF RD. @ ℄ PT. IN ⊼
−	0.293		0.405			LINE PER PG. 8
T.P.	149.791					—
+	11.974		11.880			
⊼	161.765	+11.578	11.578	+11.5780		
−	0.396		0.302			
T.P.	161.369					—
+	11.706		11.894	11.800		
⊼	173.075	+10.240	10.235	10.236		
−	1.466		1.659	1.564		
T.P.	171.609					
+	4.592		4.648			
⊼	176.201	−0.806	0.806	−0.8060		
(SET) −	5.398		5.454			
BM AS-21	170.803				170.773	BM AS-21 ELEV.=170.773 FB3424-49

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	CIRCUIT # 3 DESCRIPTION
CONT.						CONT.
BM.AS-21	170.803				170.773	PEBBLY BEACH ROAD, E. SIDE @ DUMP SITE
+	4.956		5.057			BT. SPK. IN CONC. BASE OF END F.P. OF 5' C.L.F.N.
⊼	175.759	-1.700	1.704	-1.7020		@ SWY END OF FENCE.
−	6.656		6.761			
T.P.	169.103					—
+	0.291		0.422			
⊼	169.394	-10.909	10.912	-10.9105		
−	11.200		11.334			
T.P.	158.194					—
+	0.570		0.723			
⊼	158.764	-10.684	10.684	-10.6840		
(SET) −	11.254		11.407			
BM AS-22	147.510				147.469	BM AS-22 ELEV. = 147.469 FB 3494 - 50
+	1.422		1.575			PEBBLY BEACH RD, E. SIDE.
⊼	148.932	-7.982	7.982	-7.9820		BT. SPK. IN T.P. #461361H
−	9.404		9.557			
T.P.	139.528					—
+	0.943		1.078			
⊼	140.471	-7.565	7.564	-7.5645		
−	8.508		8.642			
T.P.	131.963					—
+	0.538		0.641			
⊼	132.501	-10.228	10.229	-10.2285		
−	10.766		10.870			
T.P.	121.735					—
+	1.611		1.396			
⊼	123.346	-8.649	8.647	-8.6480		
−	10.260		10.043			
T.P.	113.086					—

JOB NO. 002303 SURVEY OF AVALON STOLPORT NOTES RED. G. D. BAILEY
SURVEY BY W. A. RICHARDS DATE NOV 6 '69
NOTES BY W. A. R. DATE 10-10-69 NOTES CHKD. G. D. BAILEY
INDEXED C. L. GALLIS DATE NOV 6 '69

F.B. 3494 Pg. 50

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	CIRCUIT # 3 DESCRIPTION
T. P.	113.086					—
+	0.595		1.218			
⊼	113.681	-9.123	9.122	-9.1225		
(SET) −	9.718		10.340			
BM AS-23	103.963				103.912	BM AS-23 ELEV.=103.912 FB. 3494-51
+	1.690		1.709			PEBBLY BEACH ROAD, ELY SIDE,
⊼	105.653	-7.902	7.902	-7.9020		BT. SPK. IN T.P. #422684 H
−	9.592		9.611			
T.P.	96.061					—
+	1.173		1.388			
⊼	97.234	-8.582	8.585	-8.5835		
−	9.755		9.973			
T.P.	87.479					—
+	0.201		0.353			
⊼	87.680	-10.302	10.305	-10.3035		
−	10.503		10.658			
T.P.	77.177					—
+	0.229		0.343			
⊼	77.406	-11.215	11.218	-11.2165		
−	11.444		11.561			
T.P.	65.962					—
+	0.861		0.808			
⊼	66.823	-8.491	8.492	-8.4915		
−	9.352		9.300			
T.P.	57.471					—
+	1.403		1.468			
⊼	58.874	-7.858	7.859	-7.8585		
−	9.261		9.327			
T.P.	49.613					—

NOTES RED. G. D. BAILEY JOB NO. 002303 SURVEY OF AVALON STOLPORT
DATE NOV 6 '69 SURVEY BY W. A. RICHARDS
NOTES CHKD. G. D. BAILEY NOTES BY W. A. R. DATE 10-10-69
DATE NOV 6 '69 INDEXED C. J. GALLI DATE OCT 21 '69

3494 F.B. PG. 51

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

G. D. BAILEY — NOTES RED. — DATE NOV 6 '69
D. BAILEY — NOTES CHKD. — DATE NOV 6 '69

SURVEY OF AVALON STOLPORT
SURVEY BY W.A. RICHARDS — DATE 10-10-69
NOTES BY W.A.R.
INDEXED C.J. GALLI — DATE

JOB NO. 0023.03

F.B. 3494 PG. 52

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	CIRCUIT #3 DESCRIPTION
T.P.	49.613					—
+	0.285		0.228			
⌅	49.898	-11.525	11.522	-11.5235		
−	11.810		11.750			
T.P.	38.088					—
+	0.230		0.432			
⌅	38.318	-9.259	9.261	-9.2600		
−	9.489		9.693			
T.P.	28.829					
+	2.204		2.370			
⌅	31.033	-3.014	3.014	-3.0140		
(SET) −	5.218		5.384			
BM AS-24	25.815				25.739	BM AS-24 ELEV. = 25.739 FB 3494 - 52
(10-14-69) +	1.440		1.932			PEBBLY BEACH ROAD @ QUARRY SITE.
⌅	27.255	-9.528	9.530	-9.5290		CHI. □ IN CONC. PAD TO SHOP BLDG.
−	10.968		11.462			5' N. & 1' W. OF N.E. COR. OF BLDG.
T.P.	16.287					END OF DAY - 10-10-69
+	0.542		0.501			
⌅	16.829	-6.187	6.188	-6.1875		
−	6.729		6.689			
T.P.	10.100					—
+	3.836		3.941			
⌅	13.936	+1.304	1.300	+1.3020		
−	2.532		2.641			
T.P.	11.404					—
+	3.030		2.974			
⌅	14.434	-2.031	2.029	-2.0300		
−	5.061		5.003			
T.P.	9.373					

76S420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	CIRCUIT # 3 DESCRIPTION
T.P.	9.373					—
+	8.400		8.536			
⊼	17.773	+1.257	1.257	+1.2570		
−	7.143		7.279			
T.P.	10.630				+0.1[illegible]	—
+	4.148		4.285	4.370	4.000	
⊼	14.778	+0.106	0.113	0.120	0.118	
−	4.042		4.172	4.250	3.882	
T.P.	10.736					—
+	4.770		4.660	4.880		
⊼	15.506	−0.256	0.262	0.263		
−	5.026		4.922	5.143		
T.P.	10.480					—
+	2.878		3.045			
⊼	13.358	−0.070	0.067	−0.0685		
−	2.948		3.112			
T.P.	10.410					—
+	4.431		4.220			
⊼	14.841	−2.358	2.357	−2.3575		
(SET)	6.789		6.577			
BM A.S. 25	8.052				7.961	B.M. AS-25 ELEV. = 7.961 FB. 3494-53
+	5.604		5.688			L. & C.E. TAG IN ROCK AT END
⊼	13.656	−0.718	0.722	−0.7200		OF BEACH CONTROL LINE
SET −	6.322		6.410			LOC. PER PG. 30 S-9
BM AS 26	7.334				7.239	BM AS-26 ELEV. = 7.239 FB. 3494-53
+	6.155		6.324			L. & C.E. TAG IN ROCK ON B.C. LINE
⊼	13.489	+1.457	1.453	+1.4550		LOC. PER PG. 31 S-8
−	4.698		4.871			
T.P.	8.791					

NOTES RED. G. D. BAILEY JOB NO. 002303 SURVEY OF AVALON STOLPORT
DATE NOV 6 '69 SURVEY BY W. A. RICHARDS
NOTES CHKD. G. D. BAILEY NOTES BY W. A. R. DATE 10-14-69
DATE NOV 6 '69 INDEXED C. J. GALLI DATE NOV 21 '69

F.B. 3494 PG. 53

769420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

JOB NO. 802303 SURVEY OF AVALON STOLPORT
SURVEY BY W. A. RICHARDS
NOTES BY W. A. R. DATE 10-14-69
INDEXED C. J. GALLI DATE
NOTES RED. G. D. BAILEY DATE NOV 6 '69
NOTES CHK'D. G. D. BAILEY DATE NOV 6 '69

F.B. 3494 Pg. 54

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T. P.	8.791					—
+	7.433		7.538			
Σ	16.224	+2.313	2.312	+2.3125		
(SET) --	5.120		5.226			
BM AS-27	11.104				11.002	BM AS-27 ELEV. = 11.002 FB. 3494 –
(FD) +	127.270	SEE DETAIL @ LOWER RT				L. & C. E. TAG IN ROCK @ & PT. IN
B.M. AS-20	138.374				138.270	B. C. LINE, LOC. PER PG. 7
					(1)	SLOPE UP TO B.M. AS-20 EL. = 138.286 – PG. 49
						H. I. = 5.00 ABOVE BM AS-27 READ 5.00 ON ROD.
					DIRECT	1. 56° 19' 00" = +33° 41' 00"
					INV.	2. 303° 45' 00" = +33° 45' 00"
					"	3. 303° 45' 30" = +33° 45' 30"
					DIRECT	4. 56 18 40 = +33° 41' 20"
						AV. = + 33° 43' 13"
					(2)	H. I. = 4.75 READ +4.75 ON ROD.
					DIRECT	1. 56° 19' 30" = + 33° 40' 30"
					INV.	2. 303° 45' 00" = + 33° 45' 00"
						AV. = + 33° 42' 45"
						HOR. DIST. = 190.71 PER PG. 7
						VERT. " = 127.27 CALC.
SEE	PG. 5	61		FOR	CIRCUIT	NO. 4

Profile	Notes Red G.D.B.	Plotted	Job No.	Division No. 11	F. B. 3494	Pg. 55
No.	Date 11-17-69	Date	Survey of AVALON STOLPORT			
X-Sec.	Notes Chk'd. G.D.B.	Checked	Survey by [illegible]	Notes WAP	Date 10-69	
No.	Date 11-17-69	Date	Map No.	Indexed C. J. GALLI	Date OCT 21 '69	

J. N. 0023.03
AVALON STOLPORT
CATALINA ISLAND

PRELIMINARY SURVEYS

VERTICAL CONTROL POINT ON PROMONTORY
AT S'LY END OF PROPOSED SITE

FOR HOR. LOCATION, SEE PG. 64

DATUM = M.L.L.W.

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

RICHARDS
WILKS
BANKSON
LIEBER

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

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

Do not extend notes this side of this line.

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

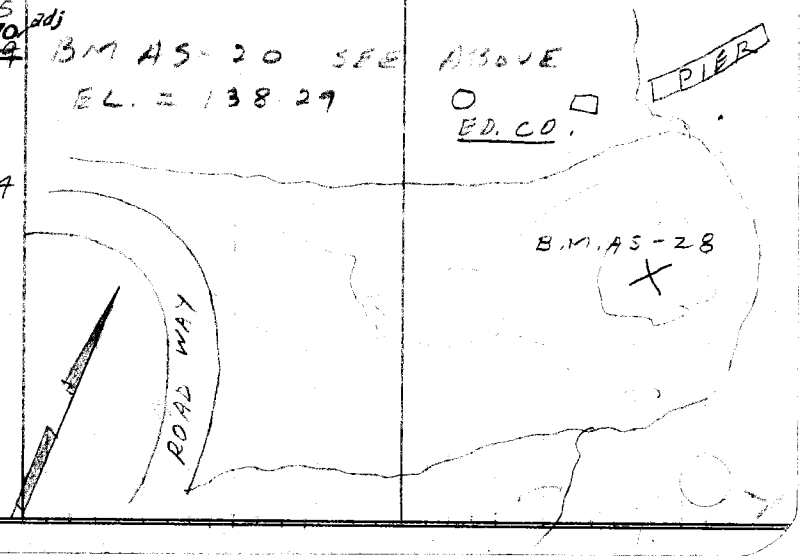
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
(FD)						
BM AS-20	4 76	143 05		138 270 adj ~~138.29~~	BM AS-20 ELEV. = 138.270 adj ~~138.29~~ PEBBLY BEACH RD., @ TOP OF HILL, S/O S.C.EC. SITE, 1" I.P. @ ELY. EDGE OF PVT. @ & PT. IN ⊼ LINE	FB. 3494-49
			~~0 63~~			
T P	11 32	153 74	0 63	142 42		
T P	9 06	162 21	0 59	153 15		
BM AS-28	2 94	162 24	2 71	159 48 ~~159 50~~	FD. BM AS-28 1/2" I.P. @ HIGHEST POINT OF A PROMINENT BLUFF JUST SOUTH OF EDISON CO. PLANT.	WOOD PLUG & NAIL
	0 94	154 09	9 09	153 15		
	0 39	142 84	11 64	142 45		
BM AS-20			4 55	138 270 adj ~~138 29~~	BM AS-20 SEE ABOVE EL. = 138.29	

FOR HOR. LOCATION, SEE PG. 64



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

Notes Red G.D.B. Plotted ____ Date 11-17-69 Date ____

Notes Chk'd. G.D.B. Checked ____ Date 11-17-69 Date ____

Division No. 11 Job No. 882303

Pg. 56

Survey of AVALON STOLPORT

Survey by RICHARDS Notes D. L. W.

Indexed C. J. GALLI Date ____

B. 3494

GEODETIC CONTROL

Notes Ck'd by	Survey of CATALINA ISLAND
Map No.	JN 0301.00 Tape Std. °F
Office Work	Surveyed by R C Wilson
Checked	Notes RW Date 10-9-69
Date	Indexed C. J. GALLI OCT 24 '69

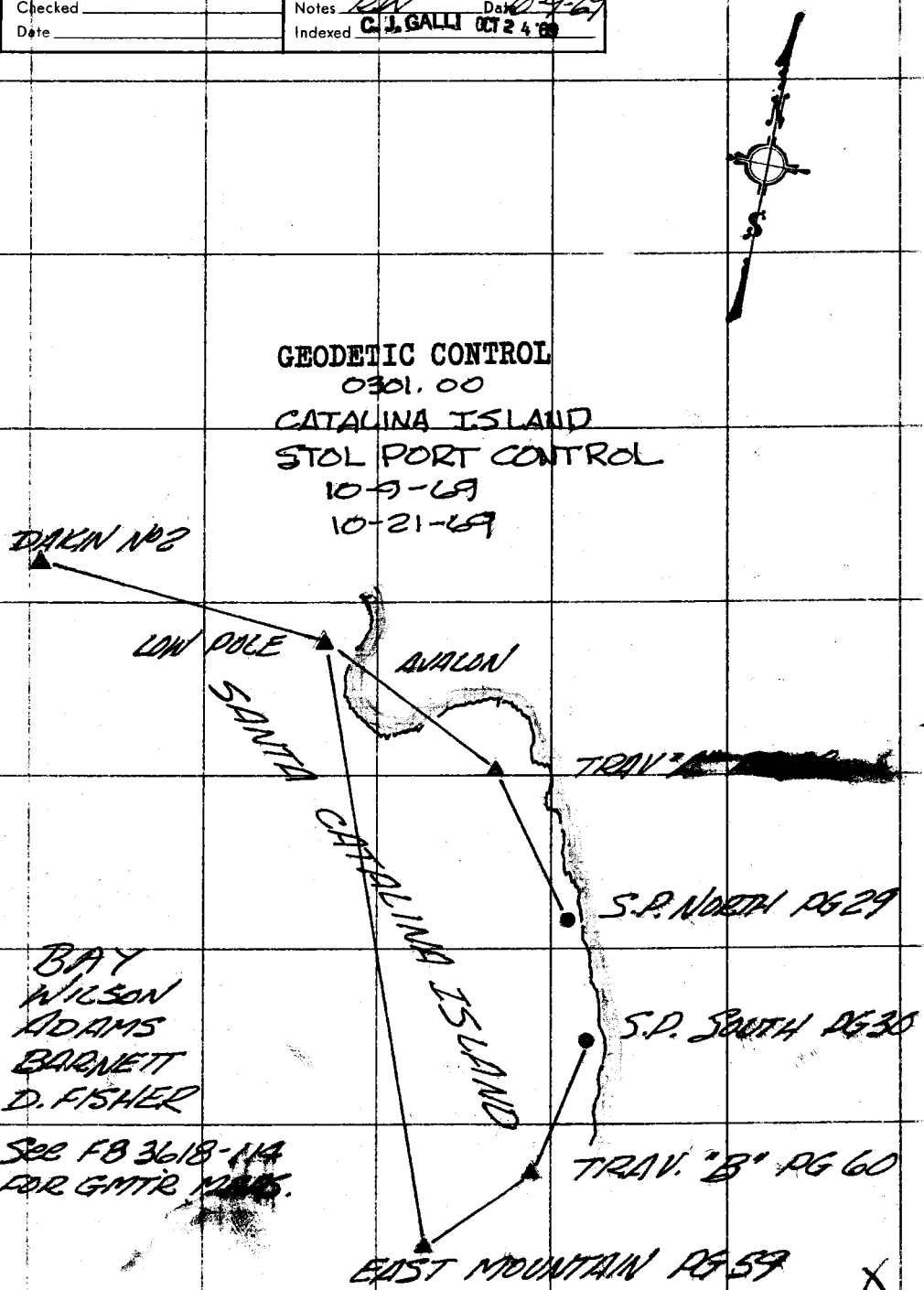
F. B. 3494 PG. 57

Noted on Index Card
Placed on U.S. Quad. Shts.
Placed on Sec. Div. W.S. No.
Sketch on Geo. Desc. Card

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 this side of this line.

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

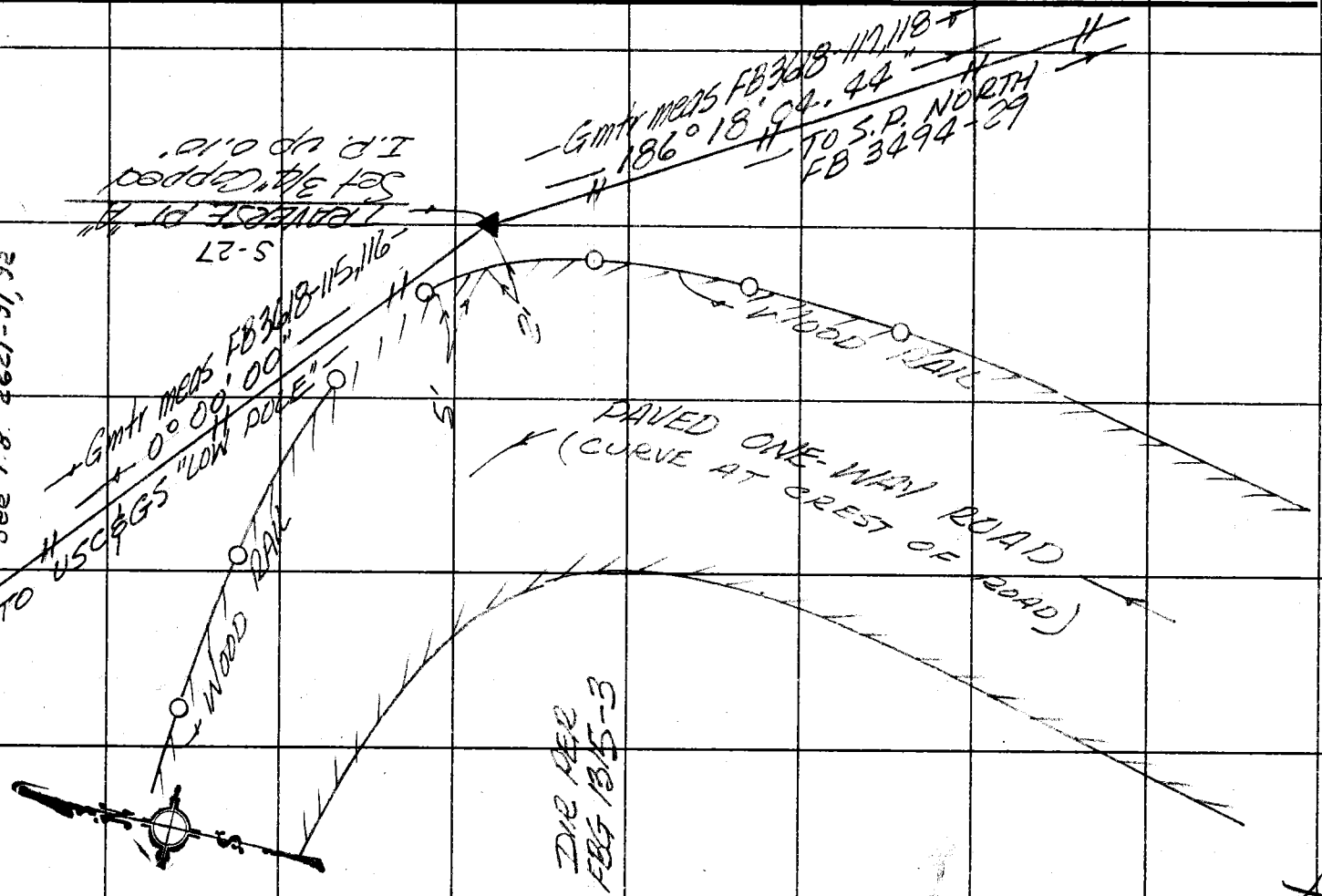


76F309S CE#310 3-68

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

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

Do not extend this side of this line.



F. B. 3474 PG 58

GEODETIC CONTROL

Notes Ck'd by	Survey of CATALINA ISLAND
Map No.	JN 0301.00 Tape 0161 Std 68 °F
Office Work	Surveyed by RCWilson
Checked	Notes RW Date 10-9-69
Date	Indexed C. L. GALLI OCT 24 '69

F. B. 3494 PG. 59

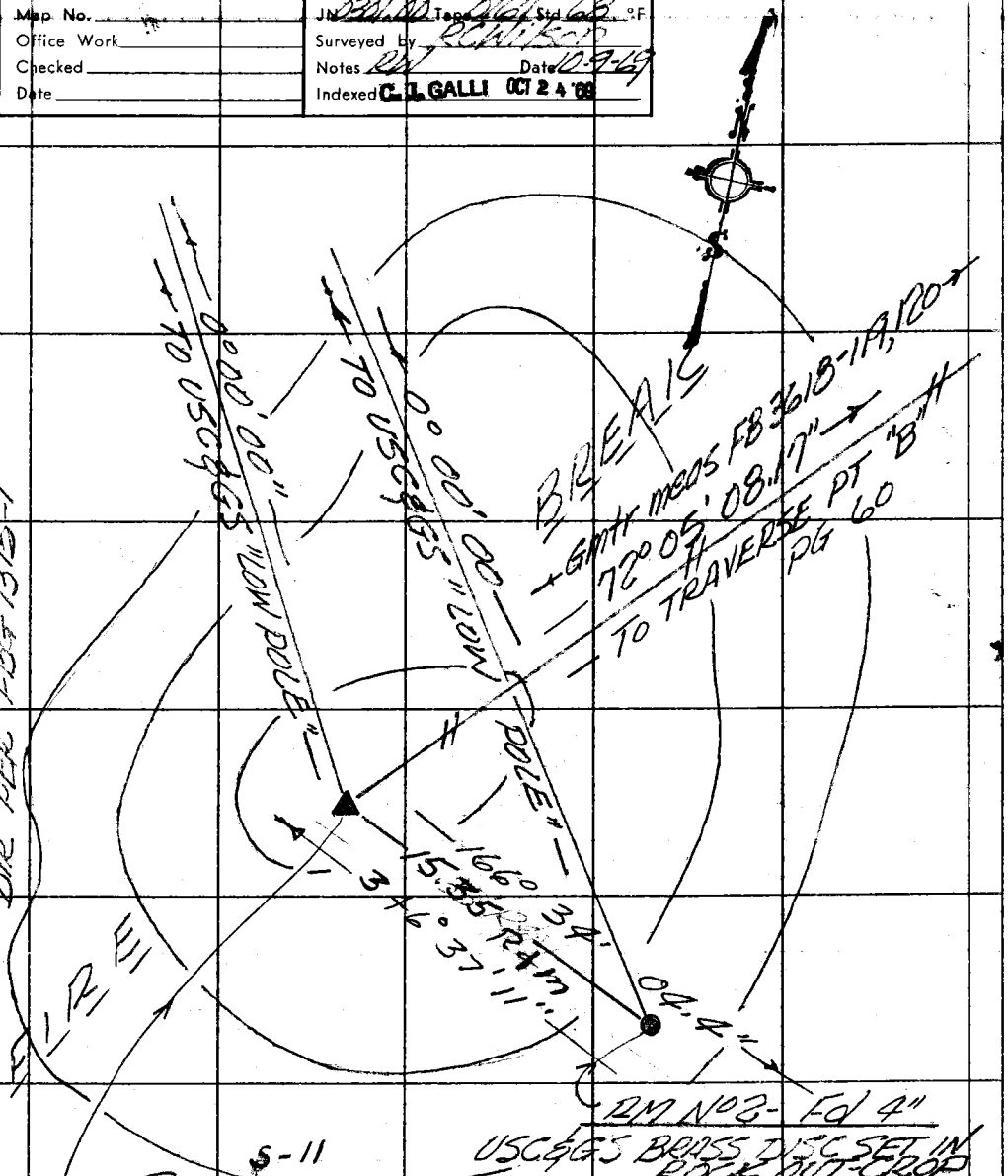
Noted on Index Card
Placed on U.S. Quad. Shts.
Placed on Gen. Div. W.S. No.
Sketch on Geo. Desc. Card

W.S. 29, C-7

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 this side of this line.

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



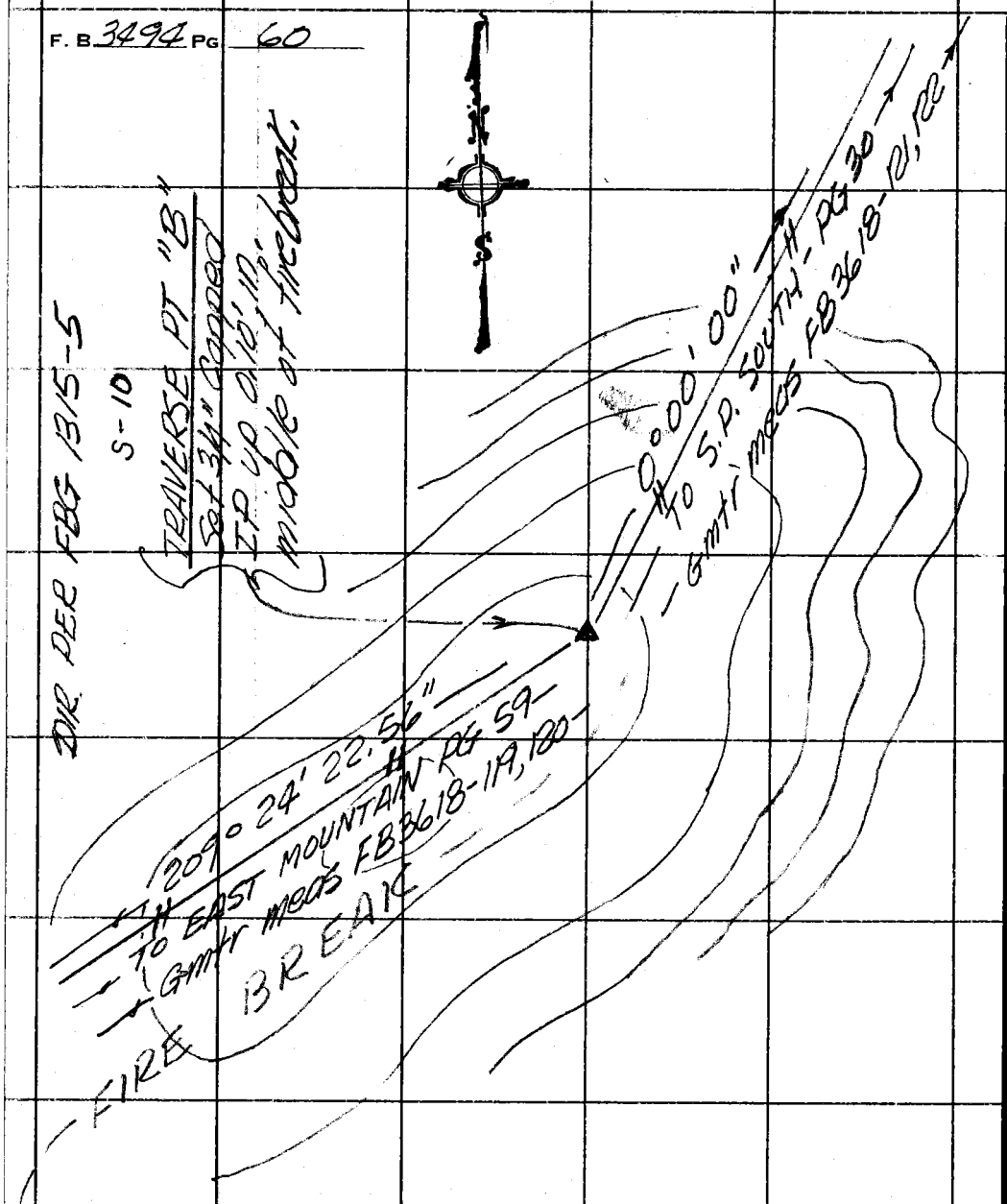
RM No 2 - Fd 4"
USC&GS BRASS DISC SET IN ROCK OUT-CROP

RESET - L.A. CO. ENGR. TAG IN LEAD IN ROCK.

USC&GS "EAST MOUNTAIN"
Sta. mark destroyed - RESET by record angle and distance from RM No 2 - (direction meas from USC&GS "LOW POLE") as shown.

76F309S CE#310 3-68

F. B 3494 PG 60



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

Do not extend this side of this line.

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

765420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 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

NOTES RED G. D. BAILEY JOB NO. 0023,03 SURVEY OF AVALON STOKPORT
DATE NOV 6 '63 SURVEY BY W. B. RICHARDS
NOTES CHK'D G. D. BAILEY NOTES BY W. B. R. DATE 11-5-63
DATE NOV 6 '63 INDEXED DATE

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION CIRCUIT NO 4
(FD.)						(138.286 FIELD ELEV.)
BM AS-20	138.286				138.270	B.M. AS. 20 ELEV. = 138.270 FB. 3494 - 49
+	2.390	43	2.611			PEBBLY BEACH ROAD, @ TOP OF HILL S/O
⊼	140.676	-5.737	5.741	-5.742		S.C.E.C. 1" I.P. @ EAY EDGE OF RD.
(FD.) −	8.133		8.352			(HOR. LOC. PER PG. 8)
BM AS-19	132.543				132.529	B.M. AS-19 ELEV. = 132.529 FB. 3494 -
+	1.378		1.151			PEBBLY BEACH ROAD, S/O S.C.E.C. P. ANT
⊼	133.921	-9.813	9.813			@ TOP OF FIRST HILL. A 1" I.P. PL
−	11.191		10.964			C.E. TAG (P.O.T.) AT EDGE OF ROAD.
T.P.	122.730					— (HOR. LOC. PER PG. 8)
+	0.240		0.600			
⊼	122.970	-9.712	9.711			
−	9.952		10.311			
T.P.	113.018					—
+	0.307		0.480			
⊼	113.325	-10.861	10.860			
−	11.168		11.340			
T.P.	102.157					—
+	0.417		0.672			
⊼	102.574	-9.511	9.511			
−	9.928		10.183			
T.P.	92.646					—
+	1.104		0.781			
⊼	93.750	-9.607	9.606			
−	10.711		10.387			
T.P.	83.039					—
+	2.161		2.085			
⊼	85.200	-3.639	3.639			
(FD.) −	5.800		5.724			
BM AS-18	79.400				79.382	B.M. AS-18 ELEV. = 79.382 FB. 3494 - 48

F.B. 3494 PG. 61

769420 S & E-353 4-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
725 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

JOB NO. 0023.03 SURVEY OF AVALON STOLPORT
SURVEY BY W. A. RICHARDS
NOTES BY W. A. R. DATE 11-5-69
INDEXED DATE
NOTES RED G. D. BAILEY DATE NOV 6 '69
NOTES CHKD. G. D. BAILEY DATE NOV 6 '69

F. B. 3494 Pg. 62

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	CIRCUIT #4 (CONT.) DESCRIPTION
BM AS-18	79.400				79.382	PEES, REACH RD, WAY SIDE
+	0.518		0.405			BT. SPK. IN P.P. 1492.66 E, ON ROAD
⊼	79.918	-11.080	11.082			SIDE AND UP 12"
−	11.598		11.487			
T.P.	68.320					—
+	0.483		0.342			
⊼	68.803	-10.147	10.149			
−	10.630		10.491			
T.P.	58.173					—
+	0.725		0.343			
⊼	58.898	-9.909	9.912			
−	10.634		10.255			
T.P.	48.264					—
+	1.450		1.052	0.932		
⊼	49.714	-8.005	8.095	8.092		
(FD) −	9.455		9.147	9.024		
BM AS-13	40.259				40.159	B.M. AS-13 ELEV. = 40.159 AB. 3494-46
						L.& C.B. TAG IN CONC. CURB, NEAR THE
						S.W.LY. COR. OF S.C.E.C. POWER STA., &
						ON ⊼ LINE PROL. (CHOR. LOC. PER PG. 9)

Notes Ck'd by	Survey of AVALON STOLPORT
Map No.	JN 0023.03 Tape 0 Std °F
Office Work	Surveyed by W. A. RICHARDS
Checked	Notes W. A. R. Date 11-13-69
Date	Indexed

F.B. 3494 PG. 63

J. N. 0023.03

AVALON STOLPORT

HORIZONTAL LOCATION OF PHOTO CONTROL POINT ON TOP OF PROMONTORY = B.M. AS-28

FOR ELEVATION SEE PG. 56

RICHARDS
WILKS
BANKSON
LIEBER

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 this side of this line.

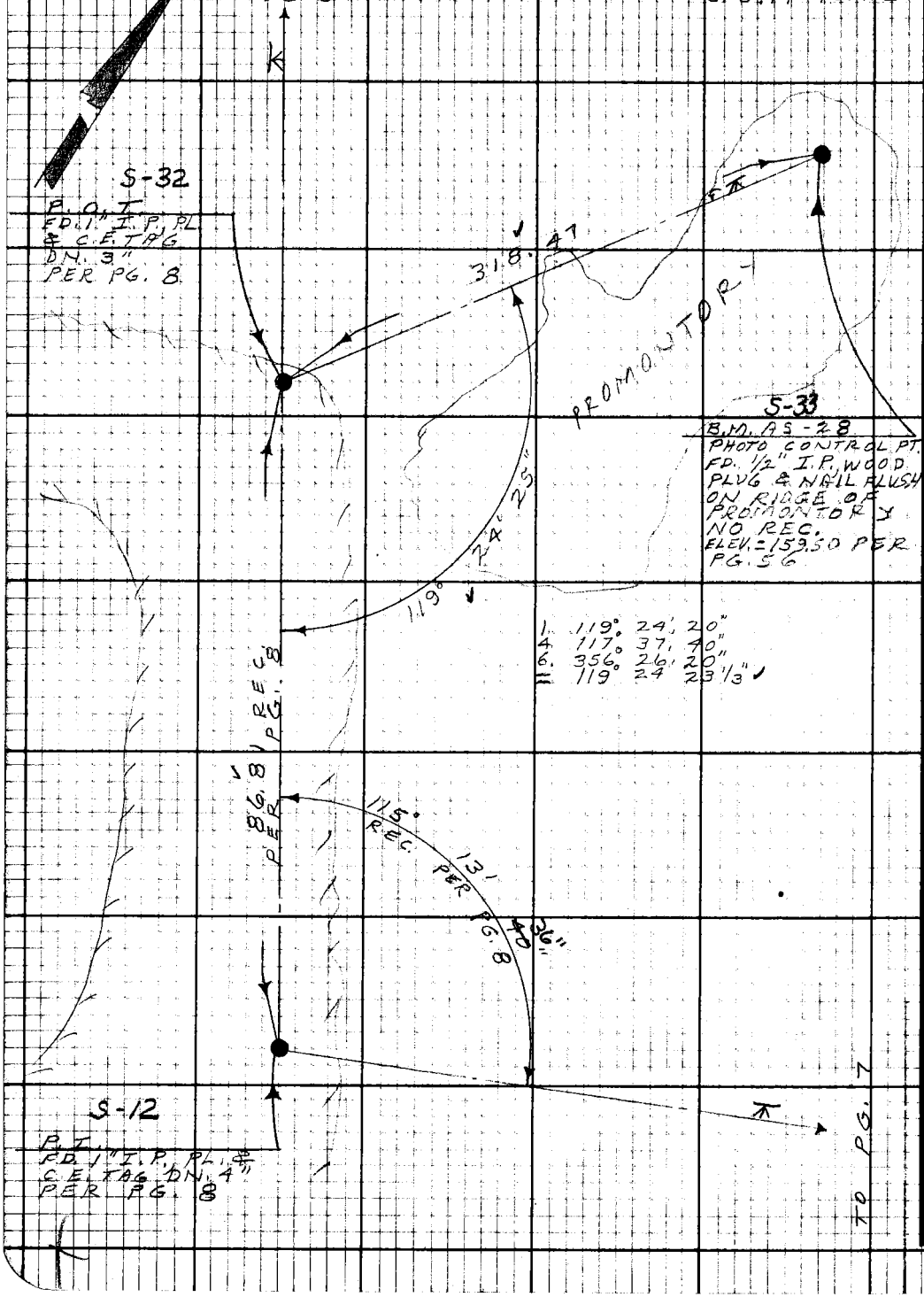
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3098 CE#310 9-67

F.B. 3494 Pg 64

TO PG. 9

300' TAPE @ 84° F.
1. 129.81 @ 05° 30' T -80° = 129.21' LEVEL
2. 129.85 @ 05° 43' " 129.20' "
189.27 LEVEL " 189.27' "
318.47' TOTAL



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

Do not extend this side of this line.

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

Profile No.	Notes Red G.D.B. Date 11-17-69	Plotted Date	Job No. 0023.03	Division No. 11	F. B. 3494 PG. 65
			Survey of AVALON STOLPORT		
X-Sec. No.	Notes Chk'd. G.D.B. Date 11-17-69	Checked Date	Survey by RICHARDS	Notes W.J.P. Date 11-13-69	
			Map No.	Indexed	Date

J. N. 0023.03

AVALON STOLPORT

ELEVATION OF S. & W. TIE POINT ON ±℄ OF PEBBLY BEACH ROAD, S/O PROMONTORY, FOR PHOTO CONTROL

HORIZONTAL LOCATION & TIES PER PG. 32

DATUM = M.L.L.W.

RICHARDS
WILKS
BANKSON
LIEBER

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

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BM AS-21	5.633	176.406		170.773	B.M. AS-21 ELEV.=170.773 (Adj. Elev.) FB.3494-49 PEBBLY BEACH ROAD, E SIDE, @ DUMP SITE BT. SPK. IN CONC. BASE OF END F.P. OF 5' C.L. FN. @ SLY. END OF FN.	
(SET) B.M. AS. 29	5.290	176.444	5.252	171.153 ~~171.154~~	B.M. AS-29 ELEV.=171.153 (Adj Elev.) FB.3494-66 PEBBLY BEACH ROAD, 1 MI. S/O PROMONTORY S. & W. @ ± ℄ OF OILED ROAD @ DUMP SITE HOR. LOC. PER PG. 32	
BM AS-21			5.669	170.773 ~~170.775~~	B.M. AS-21, 11 LINES ABOVE.	

F.B. 3494 Pg. 66 | Job No. 0023.03 | Division No. 11 | Notes Red G.D.B. Plotted | Profile No.
Survey of AVALON STOLPORT | Date 11-17-69 Date | X-Sec. No.
Survey by RICHARDS Notes W.P.R. | Notes Chk'd. G.D.B. Checked
Indexed Date | Date 11-17-69 Date

Notes Ck'd by R. HILARIO	Survey of AVALON BEACH CONTROL
Map No.	JN 0019.11 Tape 03 Std 68 °F
Office Work	Surveyed by RICHARDS
Checked	Notes RICHARDS Date 12/71
Date	Indexed T. M. PALMERI DEC 21 '71

F. B. 3494 Pg. 71

J.N. 0019.11

AVALON BEACH CONTROL LINE

CATALINA ISLAND

HARRIET
RICHARDS
LEGAULT
LIEBER
TURRILL

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

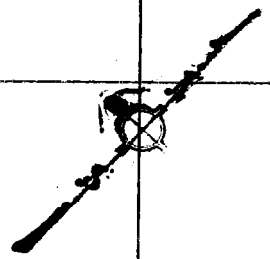
Do not extend this side of this line.

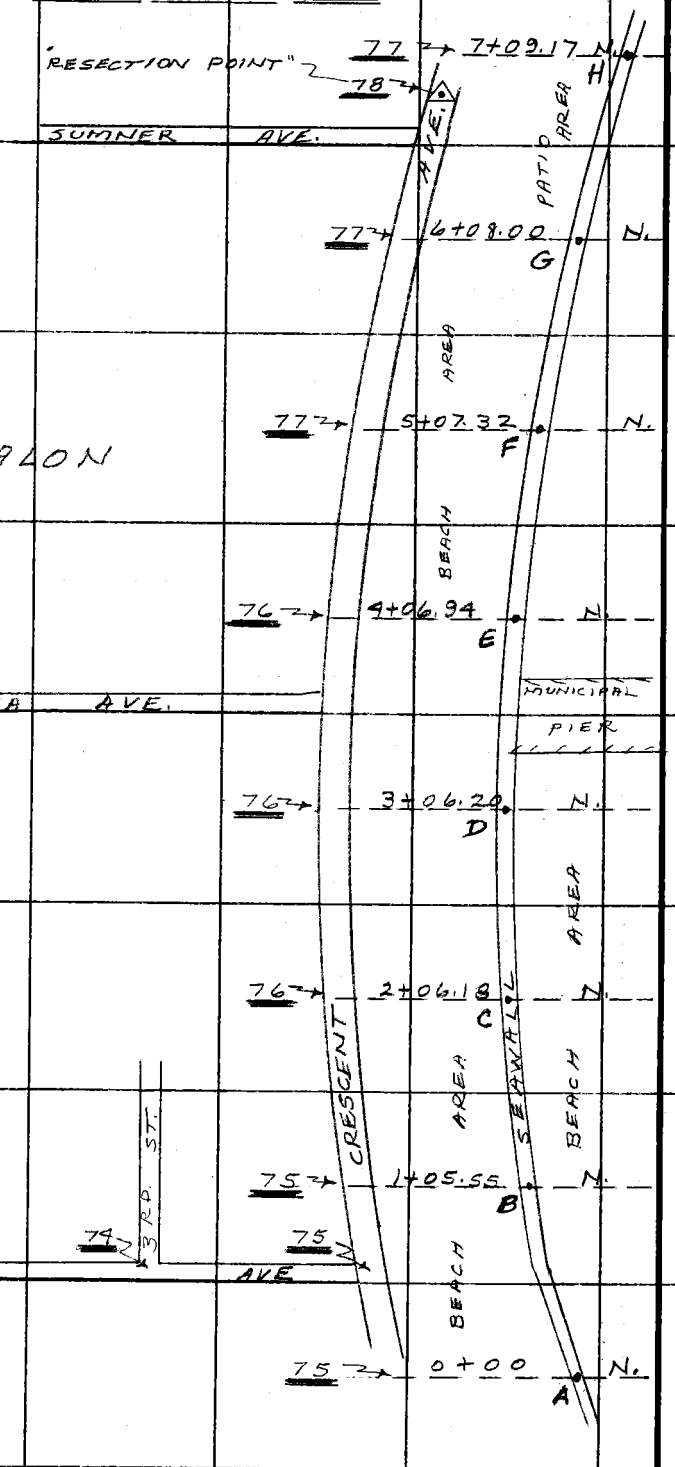
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-68

F. B. 3494 PG. 72

AREA INDEX MAP





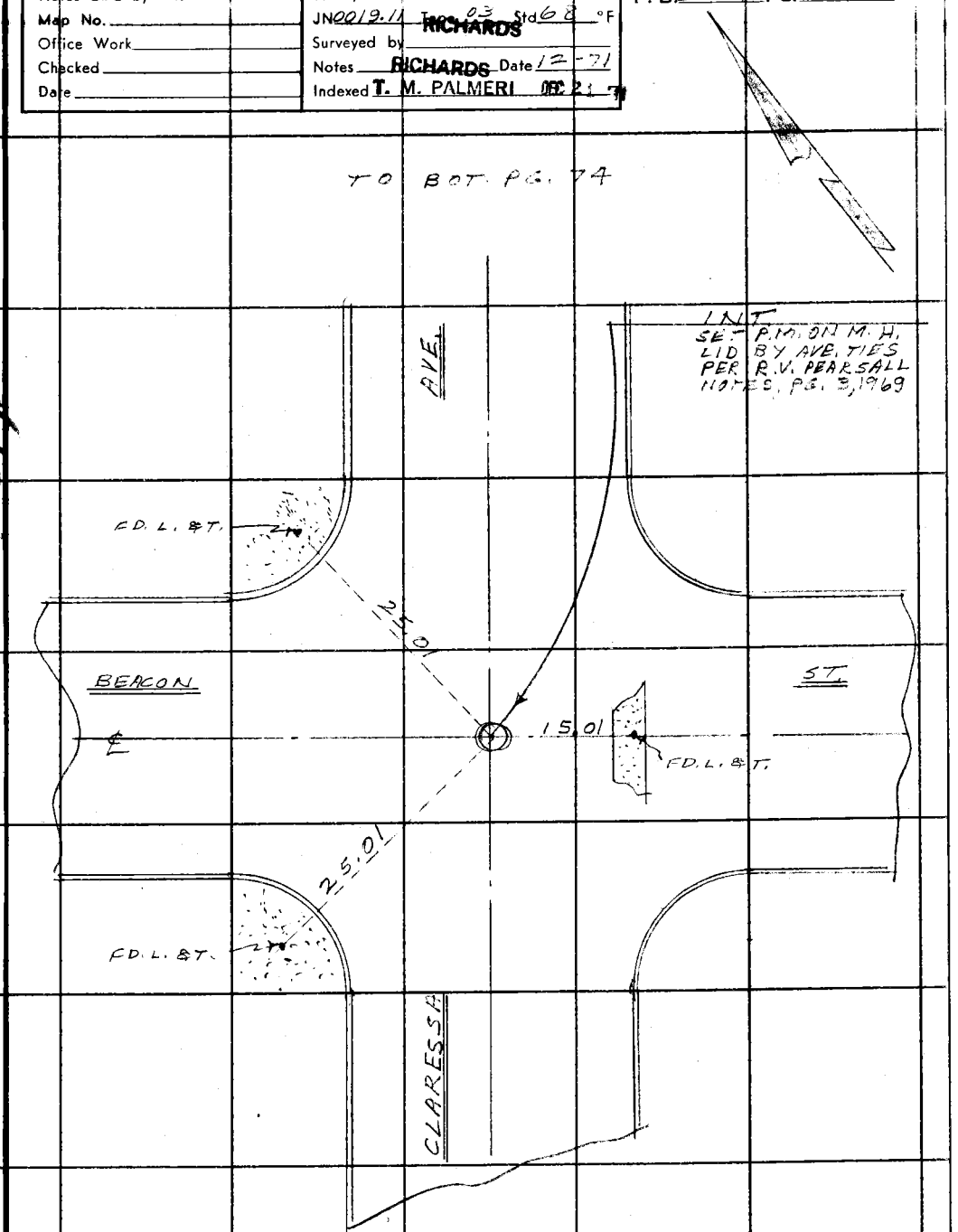
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by R HILARIO	Survey of AVALON BEACH CONTROL
Map No.	JN0019.11 Tape 03 Std 68 °F
Office Work	Surveyed by RICHARDS
Checked	Notes RICHARDS Date 12-71
Date	Indexed T. M. PALMERI DEC 21 71

F. B. 3494 PG. 73



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

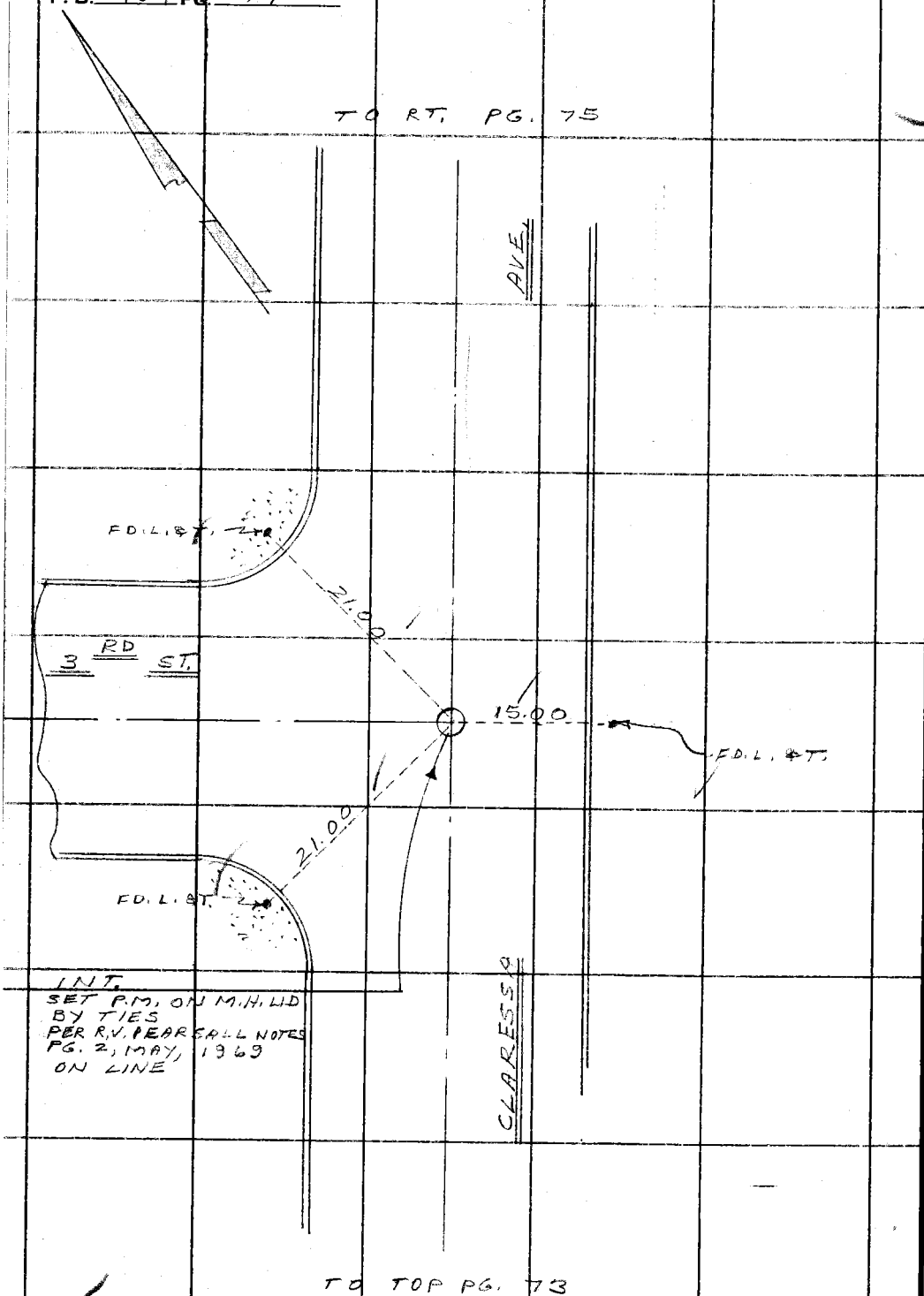
Do not extend this side of this line.

WS29, D-C

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

76F309S CE#310 3-68

F. B. 3494 PG. 74



MS 22 D-6

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

Do not extend this side of this line.

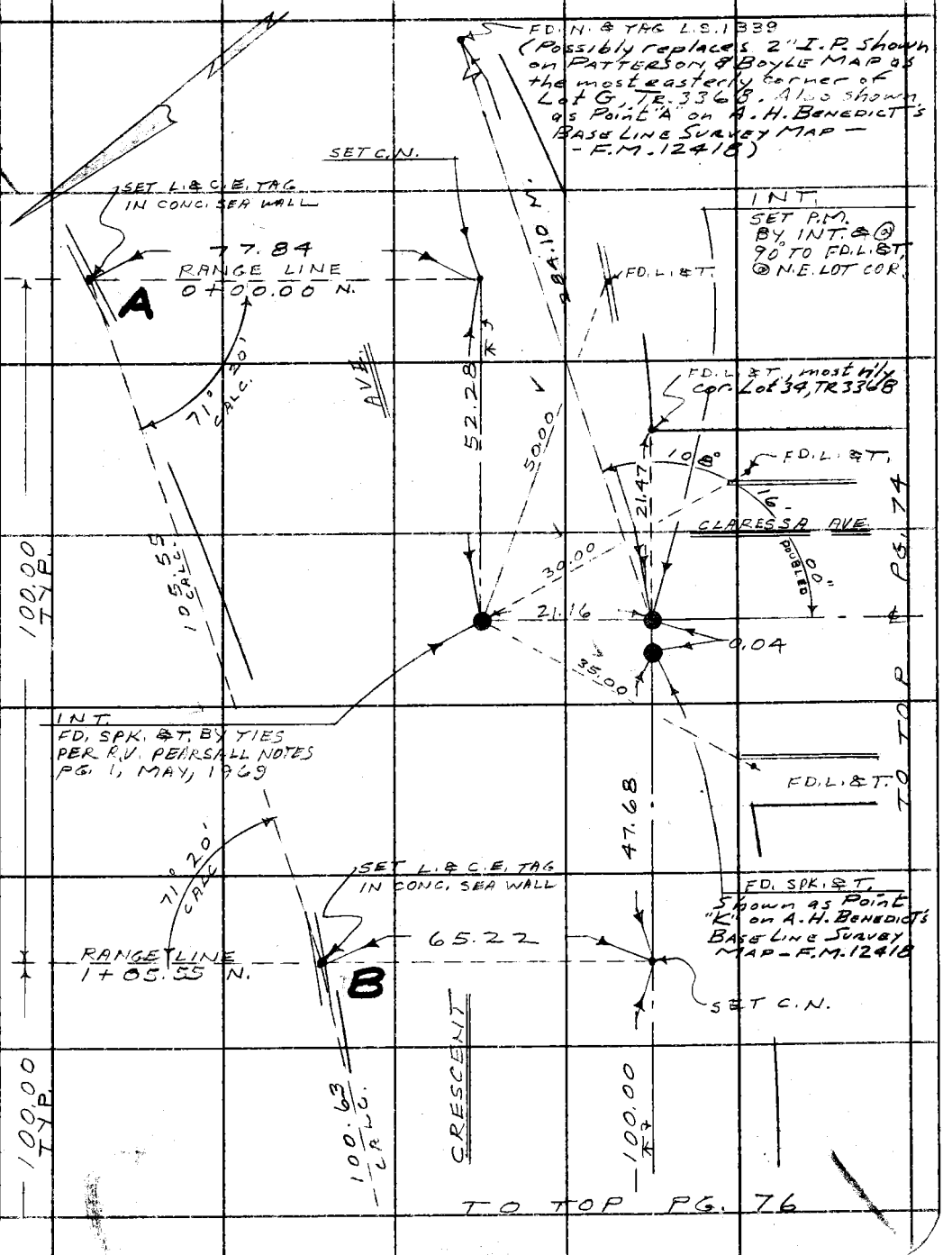
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by R. HILARIO	Survey of AVALON BEACH CONTROL
Map No.	JN 0017.71 Tape 23 Std 50 °F
Office Work	Surveyed by RICHARDS
Checked	Notes RICHARDS Date 12-71
Date	Indexed T. M. PALMERI DEC 21 '71

F. B. 3494 PG. 75

NOTE: ALL ANGLES ARE 90° EXCEPT AS SHOWN ALL DIST. MEAS. @ 68° F.

WS 29, P-6



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

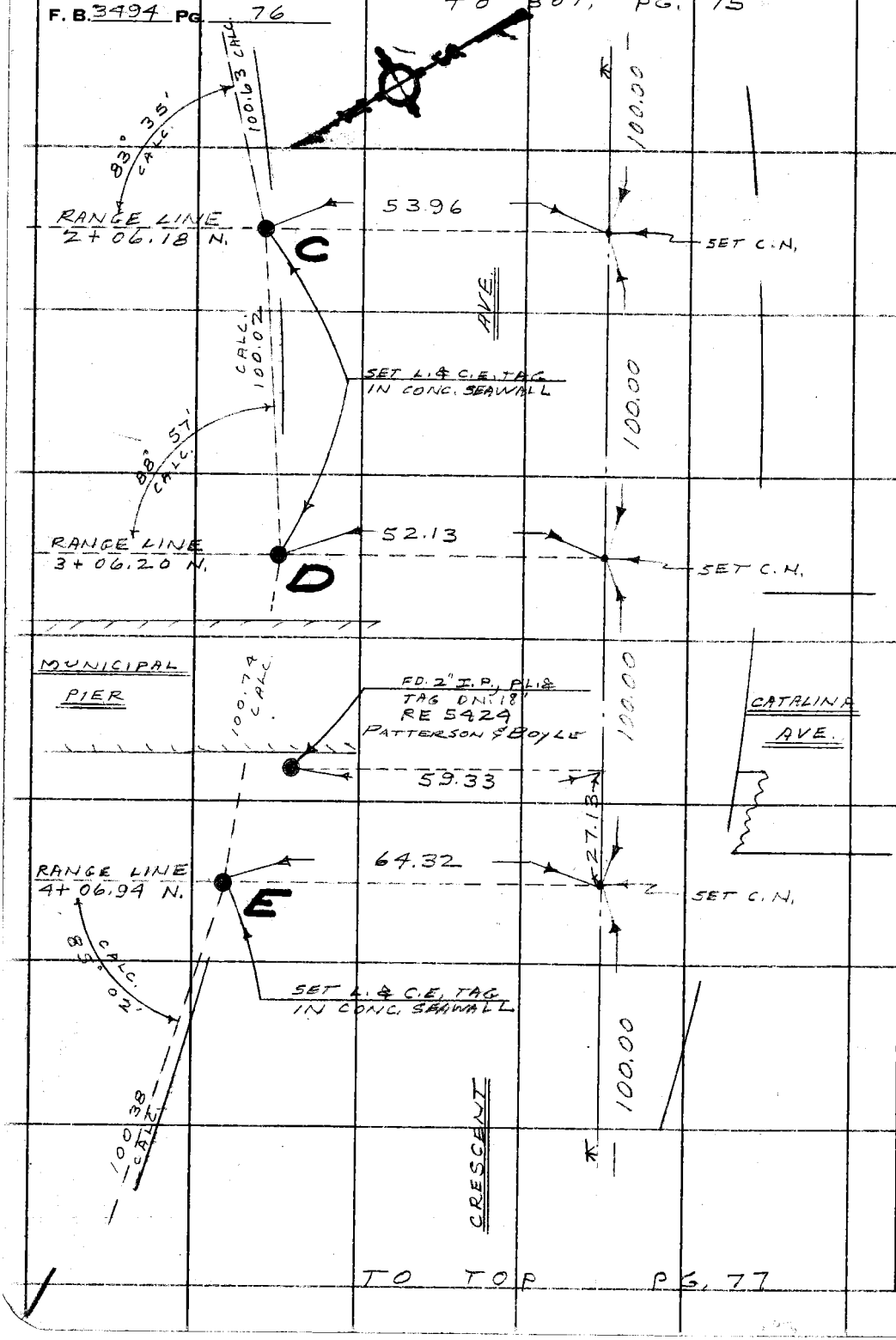
Do not extend this side of this line.

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

76F309S CE#310 3-68

F. B. 3494 PG. 76

TO BOT. PG. 75



TO TOP PG. 77

N.S. 29 D-6

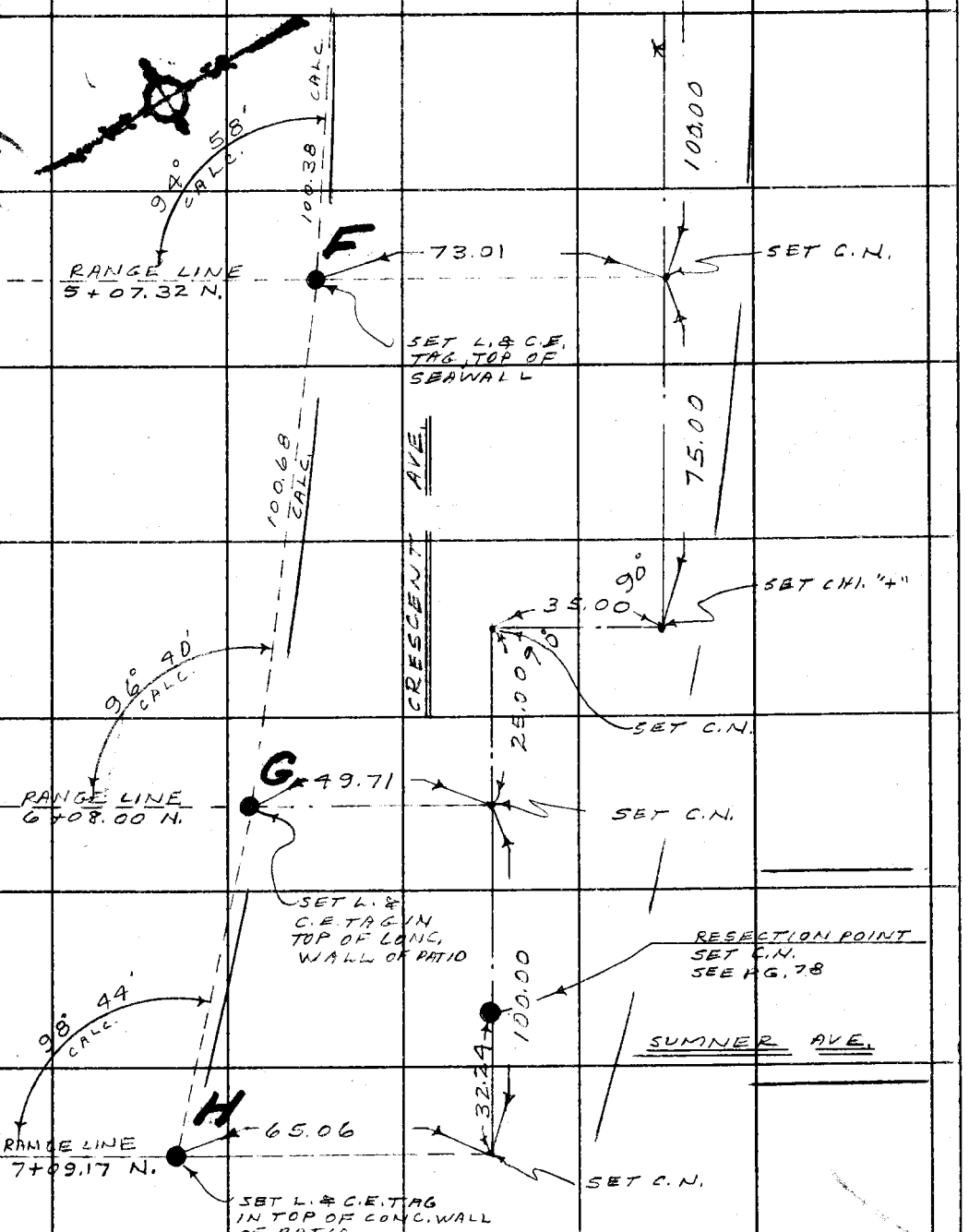
PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by R HILARIO	Survey of AVALON BEACH CONTROL	F. B. 3494 Pg. 77
Map No.	JN 25.9.71 Tape 03 Std 68 °F	NOTE: ALL ANGLES ARE 90°, EXCEPT AS SHOWN ALL DISTANCES ARE LEVEL @ 68°F.
Office Work	Surveyed by RICHARDS	
Checked	Notes RICHARDS Date 12-71	
Date	Indexed T. M. PALMERI DEC 21 71	

TO BOTT PG. 76



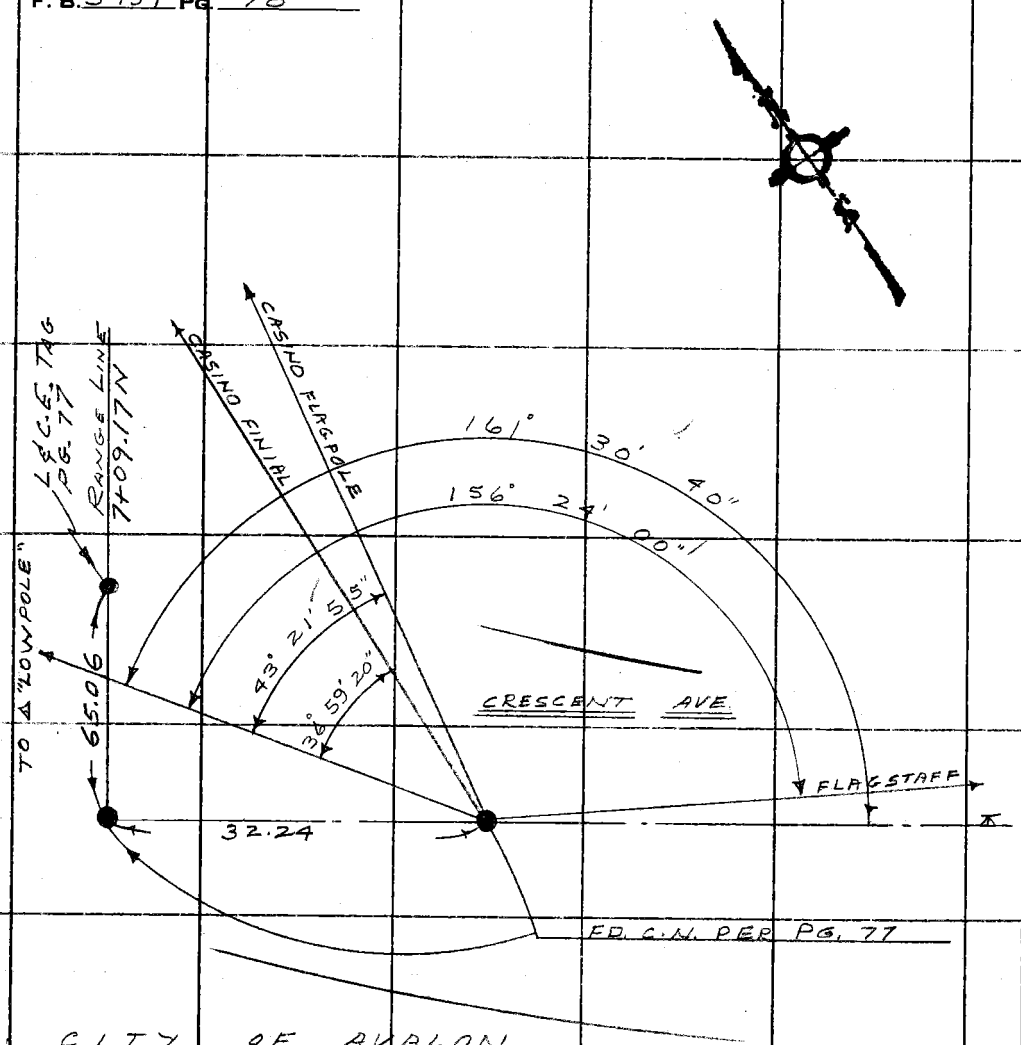
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S CE#310 3-68

F. B. 3494 PG. 78



LOWPOLE TO CASINO FINIAL		
1.	36°	59' 20"
4.	147°	57' 20"
6.	221°	56' 20"
=	36°	59' 23"

LOWPOLE TO CASINO FLAGPOLE		
1.	43°	21' 40"
4.	173°	27' 30"
6.	260°	11' 40"
=	43	21 57

Rejected
Out of position
RGH 12-31-71

LOWPOLE TO FLAGSTAFF		
1.	156°	24' 10"
4.	265°	36' 20"
6.	218°	23' 50"
=	156°	23' 58"

LOWPOLE TO TRANSITLINE		
1.	161°	30' 20"
4.	286°	02' 30"
6.	249°	04' 10"
=	161°	30' 42"

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

Do not extend this side of this line.

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

Profile No.	Notes Red	Plotted	Job No. 2019-11	Division No. 11	F. B. 3494	Pg. 79
	Date	Date	Survey of AVALON BEACH CONTROL			
X-Sec. No.	Notes Chk'd.	Checked	Survey by [illegible]	Notes	Date 12-9-71	
	Date 12-30-71	Date	Map No.	Indexed T. M. PALMER	Date DEC 21 71	

J. N. 2019.11

AVALON BEACH CONTROL LINE

CATALINA ISLAND

ELEVATIONS OF RANGE LINE CONTROL POINTS

DATUM = M.L.L.W.

CONTROL LINE SURVEY REF.: FB. 3494: 71-78, INC.

STATION	B. S.	H. I.	F. S.	ELEV.
				HARRIET RICHARDS LEGAULT LIEBER TURRILL

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

F. B. 3494 Pg. 80 Job No. 0019.11 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of AVALON BEACH CONTROL Date ____ No. ____ X-Sec. ____
Survey by RICHARDS Notes ____ Notes Chk'd. RBB Checked ____
Indexed J. M. PALMERI Date ____ Date 12-30-71 Date ____ No. ____

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM – M.L.L.W.
(FD.) B.M. #2				11.240	B.M. #2 EL. = 11.240 M.L.L.W. FB. 3494-39 CATALINA AVE. & CRESCENT AVE., S.W. COR. STD. BRASS DISC. IN CONC. WK., 1' BK. OF CB.
	4.77	16.01			
(FD) B.M. #4			4.77	11.29	B.M. #4 EL. = 11.263 M.L.L.W. FB. 3494-39 CRESCENT AVE., S'LY SIDE, ± MIDWAY BET. CATALINA & CLARESSA AVE'S BRASS DISC. IN CONC. WK. 1' BK/S CB.
	4.68	15.83			
A 0+00			5.20	10.63	L.&C.E. TAG IN CONC. SEAWALL – LOC. PER PG. 75
	5.99	16.02			
B 1+05.55			5.94	10.08	L.&C.E. TAG IN CONC. SEAWALL – HOR. LOC. PER PG. 75
	5.85	15.93			
C 2+06.18			5.89	10.04	L.&C.E. TAG IN CONC. SEAWALL – HOR. LOC. PER PG. 76
	5.85	15.89			
D 3+06.20			5.85	10.02	L.&C.E. TAG IN CONC. SEAWALL – HOR. LOC. PER PG. 76
	5.95	15.82			
E 4+06.92			6.05	9.77	L.&C.E. TAG IN CONC. SEAWALL – HOR. LOC. PER PG. 76
	6.18	15.95			
F 5+07.32			6.40	9.55	L.&C.E. TAG IN CONC. SEAWALL – HOR. LOC. PER PG. 77

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	DATUM - M.L.L.W.
F 5407.82				9.55	L.&C.E. TAG IN CONC. SEAWALL - HOR. LOC.
	6.31	15.86			PER PG. 77
G 6408.00			1.89	13.97	L.&C.E. TAG IN CONC. PATIO WALL - HOR. LOC
	[illegible]	16.22			PER PG. 77
H [illegible]			2.37	14.45	L.&C.E. TAG IN CONC. PATIO WALL - HOR. LOC.
	1.63	16.08			PER PG. 77
[illegible]			4.84	11.24	[illegible] M.L.L.W. FB. 3494 - 39
					CATALINA AVE. & CRESCENT AVE., S.W. COR.
					STD. BRASS DISC. IN CONC. WK., 1' BK/O CURB.

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. 11 F.B. 3494 PG. 81
No. ____ Date ____ Date ____ Survey of AVALON BEACH CONTROL
X-Sec. Notes Chk'd. RGB Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date 12-30-71 Date ____ Map No. ____ Indexed T. M. PALMER Date DEC 21 '71

Profile No.	Notes Red	Plotted	Job No. 0300.02	Division No. 11	F.B. 3494 Pg. 83
	Date	Date	Survey of Hydro. Survey of Avalon		
X-Sec.	Notes Chkd.	Checked	Survey by J. Bazen	Notes E.S.	Date 7-11-73
No.	Date	Date	Map No.	Indexed G. D. BAILEY	Date JUL 13 1973

J.N. 0300.02

HYDROGRAPHIC SURVEY

of

AVALON BEACH
CATALINA ISLAND

STATION	B.S.	H.I.	F.S.	ELEV.
			Ref; 3494 71-81	

J. Uharriet
J. Bazen
E. Shoemaker

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 2-63

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE ON RANGE 0+00N "A"	
0+00	"A"				LT & S.	RT & N.
	0 26	10 29		10.03	L & C.E. TAG. TOP OF WALL Per PG. 80	
			+01	10.4	13.5 L Sand	
			0.00	10 29	24.5 L Edge Brick Walk	
			3.6	6 7		1.0 R Sand @ Wall
			5.6	4 7		25 R Sand
			7.6	2 7		50 R
			9.4	0 9		75 R
			11.1	-0 8		100 R
			12.7	-2 4		125 R
			14.2	-3 9		150 R
			15.2	-4 9		175 R
			16.4	-6.1		200 R
			17.9	-7 6		225 R
			19.0	-8 7		250 R
			19.8	-9 5		275 R
			20.5	-10 2		300 R
			21.7	-11 4		325 R
			22.8	-12 5		350 R

F.B. 3494 Pg. 84 Job No. 0300.02 Division No. 11 Notes Red Date Plotted Date No. Profile
Survey of Hydro. Survey Avalon Date Checked Date No. X-Sec.
Survey by J. Bozen Notes E.S. Notes Chkd. Date No.
Indexed G. D. BAILEY Date JUL 13 1973

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Profile on Range Line 1+05.55 N "B"	
1+05.55	"B"				Lft ℄ S	Rt ℄ N
	1.19	11.27		10.08	L&CE Tag Top of Wall Per Pg. 80	
			0.5	10.8	23 L Sand	
			0.00	11.27	47.5 L Top Brick	Walk
			20	9.3		0.5 R Sand @ Wall
			45	6.8		25 R Sand
			65	4.8		50 R
			88	2.5		75 R
			109	0.4		100 R
			125	-1.2		125 R
			152	-3.9		160 R
			167	-5.4		194 R
			183	-7.0		229 R
			200	-8.7		263 R
			212	-9.9		295 R
			225	-11.2		327 R
			235	-12.2		355 R

Profile Notes Rod ____ Plotted ____ Job No. 0300.03 Division No. 11 F.B. 3494 Pg. 80
No. ____ X-Sec. ____ Date ____ Date ____ Survey of Hydro. Survey Axelson
Notes Chkd. ____ Checked ____ Survey by J. Bazen Notes E.S. Date 7-11-73
No. ____ Date ____ Date ____ Map No. ____ Inspector D. BAILEY Date JUL 12 1973

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

F.B. 3494 Pg. 86 | Job No. 0300.03 | Division No. 11 | Notes Red ____ | Plotted ____ | Profile ____
Survey of Hydro. Survey Avalon | Date ____ | Date ____ | No. ____ | X-Sec. ____
Survey by Crew | Notes E.S. | Notes Chkd. ____ | Checked ____
Indexed G.D. BAILEY | Date JUL 13 1973 | Date ____ | Date ____ | No. ____

STATION	B.S.	H.I.	F.S.	ELEV.	Profile on Range 2+06.18 N "C"	
2+06 18	"C"				Lft ℄ S	Rt ℄ N
	1 44	11 48		10.04	L&CE Tag in top of wall Per Pg 80	
			0.5	11 0	22 L Sand	
			0 32	11 16	42 5 L N. Edge brick walk	
			2.5	90		05 R Sand @ Wall
			4.3	72		25 R Sand
			6 5	50		50 R
			8 9	26		75 R
			11 1	04		100 R
			13 1	- 16		127 R
			16 2	- 47		158 R
			17 7	- 62		191 R
			18 7	- 72		217 R
			19 8	- 83		242 R
			20 5	- 90		268 R
			22 0	- 105		305 R
			23.1	- 116		332 R
			24 2	- 127		355 R

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Profile on Range 3+06.20 N. "D"	
3+06.20	"D"				Lft & S	R & N
	131	11 35		10 04	L & C.E Tag in top wall Per Pg 80	
			0 8	10 6	21. L Sand	
			0 18	11 17	45.5 L Top Brick walk	
			2 3	9 1		0.5 R Sand @ wall
			3 7	7 7		25 R Sand
			6 2	5 2		50 R
			8 6	2 8		75 R
			11 4	0 0		110 R
			13 7	-2 3		142 R
			16 6	-5 2		170 R
			18.0	-6 6		194 R
			20 3	-8 9		238 R
			21 5	-10 1		263 R
			23.3	-11.9		290 R
			24.5	-13 1		319 R

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3494 Pg. 87
X-Sec. No. ____ Date ____ Date ____ Survey of Hydro. Survey Avalon
Notes Chkd. ____ Checked ____ Survey by U. Bazen Notes E.S. Date 7-11-73
Date ____ Date ____ Map No. ____ Indexed G. D. BAILEY Date JUL 13 1973

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

F.B. 3494 PG. 88 | Job No. 0300.02 | Division No. 11 | Notes Red ____ | Plotted ____ | Profile No. ____

Survey of Hydro Survey Avalon | Date ____ | Date ____ | X-Sec. No. ____

Survey by L. Borgen | Notes E.S. | Notes Chkd. ____ | Checked ____

Indexed G. D. BAILEY | Date JUL 13 1973 | Date ____ | Date ____

STATION	B.S.	H.I.	F.S.	ELEV.	Profile on Range 4+06.94 N "E"	
4+06.94	"E				Lft ℄ S	Rt ℄ N
	1.68	11.45		9.77	L ℄ C.E Tag in top wall Per Pg 80	
			1.0	10.5	24 L Sand	
			0.25	11.20	46 L Top Brick walk.	
			2.5	9.0		0 ℄ R Sand @ wall
			4.8	6.7		25 R Sand
			7.2	4.3		50 R
			9.6	1.9		75 R
			11.4	0.1		100 R
			13.5	-2.0		132 R
			16.9	-5.4		162 R
			20.2	-8.7		195 R
			21.1	-9.6		222 R
			21.8	-10.3		244 R
			22.8	-11.3		270 R
			24.5	-13.0		294 R

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Profile of Range	5+07.32 N. "F"
5+07.32	"F"				Lft & S.	Rt & N
	1 52	11 07		9.55	L & CE Tag in top of wall Per Pg's 80-81	
			0 8	10 3	20 L Sand	
			0 00	11 07	41.5 L TOP BRICK WALK	
			2 0	9 1		0.5 R Sand @ wall
			5 1	6 0		25 R Sand
			7 7	3 4		50 R
			9 5	1 6		75 R
			11.4	-0 3		100 R
			15 6	-4 5		137 R
			16 6	-5 5		162 R
			17 6	-6 5		187 R
			18 7	-7 6		210 R
			19 7	-8 6		233 R
			21 0	-9 9		258 R
			22 5	-11 4		285 R
			23 3	-12 2		312 R

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3494 Pg. 89
X-Sec. No. ____ Date ____ Date ____ Survey of Hydro. Survey Avalon
Notes Chkd. ____ Checked ____ Survey by J. Bazen Notes E.S. Date 7-11-73
Date ____ Date ____ Map No. ____ Indexed D. BAILEY Date JUL 13 1973

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	Profile on Range	6+08.00 N "G"
6+08 20	"G"				Lft & S	Rt & N
	-3.05	10 92		13.97	L & T in top of Patio	Wall Per Pg 81
			2 2	8 7		0 5 R Pebbles @ Wall
			6 1	4 8		25 R
			9 0	1 9		50 R
			11 2	-0 3		75 R
			15 0	-4 1		115 R
			16 1	-5 2		145 R
			17 8	-6 9		184 R
			19 0	-8 1		215 R
			20 2	-9 3		245 R
			21 9	-11 0		276 R
			22 9	-12 0		302 R

F.B. 3494 Pg. 90 | 0300.02 Job No. | Division No. " | Notes Red | Date | Plotted | Date | Profile No. | X-Sec. No.

Survey of Hydro. Survey Avalon | Date | Notes Chkd. | Date | Checked | Date

Survey by C. Bozen | Notes E.S. | Date JUL 13 1973

Indexed G. D. BAILEY

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Profile on Range	7+09.17 N "H"
7+09.17	"H"				Lft & S	Rt & N
	-4.00	10.45		14.45	L & Tag in top of	Conc Patio wall Per Pg 81
			2.4	8.1		0.5 R Pebbles @ Wall
			6.4	4.1		25 R
			9.2	1.3		50 R
			11.7	-1.2		75 R
			14.2	-3.7		105 R
			15.3	-4.8		138 R
			16.9	-6.4		177 R
			18.2	-7.7		209 R
			20.5	-10.0		241 R
			21.8	-11.3		266 R
			23.6	-13.1		296 R

Profile Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11

No. ____ X-Sec. ____ Date ____ Date ____ Survey of Hydro Survey Avalon

No. ____ Date ____ Notes Chkd. ____ Checked ____ Survey by C. Bazen Notes E.S. Date 7-11-73

Map No. ____ Recorded D. BAILEY Date JUL 13 1973

F.B. 3494 Pg. 91

Profile No.	Notes Red	Plotted	Job No. 8763-02	Division No. 11	F.B. 3494 Pg 93
	Date 6/25/74	Date	Survey of HYDROSURVEY AVALON BEACH		
X-Sec. No.	Notes Chkd. J. J. SYKES	Checked	Survey by J.J. BAZEN	Notes TULLIER	Date 6-19-74
	Date	Date	Map No.	Indexed T. M. PALMERI	Date JUN 24 1974

HYDROGRAPHIC SURVEY
of
AVALON BEACH
CATALINA ISLAND
J.N. 8763.02

Ref: F.B. 3494-71-81

J.J. BAZEN
E.J. TULLIER
J.M. UHARRIET

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

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

Do not extend notes this side of this line.

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

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

F. B. 3494 Pg. 94 | Job No. 8763.07 | Division No. 11 | Notes Red | Plotted | Profile No.
Survey of HYDROSURVEY AVALON BEACH | Date 6/7-5/74 | Date | X-Sec. No.
Survey by J. BAZEN | Notes E. J. TULLER | Notes Chkd. M. J. SYKES | Checked | Date | No.
Indexed T. M. PALMER | Date JUN 24 1974 | Date

STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE ON RANGE 0+00 N "A" LT. ℄ S	RT. ℄ N
0+00	"A"					
	0.05	10.08		10.03	L&C.E Tag TOP OF WALL Per PG. 80	
			+03	10.4	13.5 L SAND	
			+021	10.29	24.5 L EDGE BRICK WALK	
			30	7.1		1' R SAND & WALL
			5.0	5.1		25' R SAND
			72	2.9		50' R
			92	0.9		75' R
			114	-1.3		107' R
			136	-3.5		140 R
			145	-4.4		166 R
			160	-5.9		199 R
			174	-7.3		226 R
			187	-8.6		249 R
			195	-9.4		275 R
			206	-10.5		304 R
			211	-11.0		313 R
			221	-12.0		340 R

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE ON RANGE 1+05 55 N "B"
1+05 55	"B"				LT. & S. RT & N.
	1 15	11 23		10 08	L & CE TAG TOP OF WALL PER R 80
			0 50	10 7.	22° L SAND
			0 0	11 2.	48° L TOP BRICK WALK
			1 9	9 3.	1° R SAND & WALL
			2 5	8 7.	14° R TOP BREAK
			4 1	7 1.	30° R SAND
			6 4	4 8.	50 R
			9 3	1 9.	80 R
			11 4	-0 2.	105 R
			14 0	-2 8.	131 R
			14 8	-3 6.	157 R
			16 4	-5 2.	190 R
			18 0	-6 8.	220 R
			19 7	-8 5	255 R
			20 9	-9 7.	282 R
			22 5	-11 3.	310 R
			23 2	-12 0.	340 R

Profile No. X-Sec. No. Date Notes Red Date 6/25/74 Plotted Date Checked Date Job No. 8763.02 Division No. 11 Survey of HYDROSURVEY AVALON BEACH Survey by J. J. BAZEN Notes TULLIER Date 6-19-74 Map No. Indexed T. M. PALMERI Date JUN 24 1974

F.B. 3494 Pg. 95

76-L-298 CE 307 2-63

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE ON RANGE 2+06 18" "C"
2+06 18 "C"					LT & S RT & N
	1.71	11.75		10.04	LGCE TAB IN TOP OF WALL PER P680
			0.4	11.3	22 L SAND
			0.50	11.25	42.5 L TOP OF BRICK WALK
			2.7	9.1	1 R SAND @ WALL
			3.1	8.7	15 R TOP BREAK
			4.5	7.3	30 R SAND
			7.5	4.3	60 R
			10.0	1.8	90 R
			13.3	-1.5	127 R
			15.6	-3.8	155 R
			17.7	-5.9	181 R
			18.8	-7.0	210 R
			20.5	-8.7	245 R
			22.0	-10.2	272 R
			22.5	-10.7	304 R
			24.3	-12.5	336 R

F.B. 3494 Pg. 96 | Job No. 8763.02 | Division No. 11 | Notes Red | Plotted | Profile
Survey of HYDROSURVEY AVALON BEACH | Date 6/25/74 | Date | No. | X-Sec.
Survey by J.J. BAZEN | Notes S.J. TULLIS | Notes SYKES | Checked
Indexed T.M. PALMERI | Date JUN 24 1974 | Date | No.

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE ON RANGE 3+06 20 "ND"	
3+06 20	"D"				LFT & S	RT & N
	100	11 04		10 04	L & CE TAB IN TOP OF WALL PER PG 30	
			04	10 6	21° L SAND	
			+013	11 17.	45° L TOP OF BRICK WALL	
			22	8 8		1° R SAND & WALL
			25	8 5.		10° R TOP OF BRICK
			37	7 3.		25 R SAND
			55	5 5.		50 R
			79	3 1.		75 R
			100	1 0		98 R
			130	-2 0		138 R
			158	-4 8.		168 R
			176	-6 6.		193 R
			201	-9 1.		237 R
			214	-10 4.		262 R
			232	-12 2.		290 R
			243	-13 3.		318 R

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8743.02 Division No. 11 F.B. 3494 Pg. 97
X-Sec. No. ____ Date 6/25/74 Date ____ Survey of HYDROSURVEY AVALON BEACH
Notes Ckd. SYKES Checked ____ Survey by J.J. BARON Notes TULLIER Date 6-19-74
No. ____ Date ____ Date ____ Map No. ____ Indexed S. M. PALMER Date JUN 24 1974

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE ON RANGE 4+06 "N"	
4+06	"E"				LFT & S	RT & N
	1.43	11.20		9.77	L & CE TAG IN TOP OF WALL PER PG 80	
			07	10.50	24' L SAND	
			00	11.20	.46 L TOP OF BRICK	
			22	9.0		1° R SAND & WALL
			40	7.2		25 R SAND
			62	5.0		50 R
			86	2.6		75 R
			110	0.2		100 R
			128	-1.6		130 R
			170	-5.8		170 R
			196	-8.4		200 R
			204	-9.2		220 R
			220	-10.8		260 R
			240	-12.8		289 R

F.B. 3494 PG. 98

Job No. 11 Division No. 8763.02 Notes Red Plotted Profile

Survey of HYDROSURVEY AVALON BEACH Date 6/25/74 Date No. X-Sec.

Survey by J.J. BAZEN Notes E.J. TULLIER Notes Chkd SYKES Checked No.

Indexed T. M. PALMER Date JUN 24 1974 Date Date

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE RANGE 5+07 32 "F"	
5+07 32	"F"				LFT & S	RT & N
	1 58	11 13		9 55	L & CE TAG IN TOP OF WALL PER PGS 80-81	
			05	10 6.	20 L SAND	
			000	11 13.	41.5 L TOP BRICK WALL	
			20	9 1.		1° R SAND & WALL
			46	6 5.		25 R SAND
			72	3 9.		50 R
			97	1 4.		75 R
			110	0 1.		90 R
			145	-3 4.		125 R
			163	-5 2.		155 R
			176	-6 5.		180 R
			186	-7 5.		211 R
			202	-9 1.		240 R
			210	-9 9.		253 R
			225	-11 4.		288 R
			241	-13 0.		320 R

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8763.02 Division No. 11 F.B. 3494 Pg. 99
Date 6/25/74 Date ____ Survey of HYDROSURVEY AVALON BEACH
X-Sec. No. ____ Notes Child J. SYKES Checked ____ Survey by J.J. BAZEN Notes TULLER Date 6-19-74
Date ____ Date ____ Map No. ____ Index S. M. PALMER Date JUN 24 1974

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE ON RANGE	6+08 00 "NG"
6+08 00	"G"				LFT & S	RT & N
	-385	10 12		13 97	L&T IN TOP OF PATIO WALL PER PG 81	
			20	81.		0 5 R PEBBLESS WALL
			47	54.		25 R SAND
			71	30.		50 R
			101	00.		80 R
			120	-19.		107 R
			151	-50.		143 R
			166	-65.		178 R
			177	-76.		205 R
			190	-89.		239 R
			207	-106.		267 R
			220	-119.		292 R
			233	-132.		318 R

F.B. 3494 PG. 100

Job No. 8763.02 Division No. 11 Notes Red Plotted Profile

Survey of HYDROSURVEY AVALON BEACH Date 6/25/74 Date No. X-Sec.

Survey by J.J. BAZEN Notes E.J. TULLIER Notes Chkd. SYKES Checked No.

Indexed L. M. PALMERI Date JUN 24 1974 Date Date

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE ON RANGE 7+09 17 "H"	
7+09 17	"H"				Lft ℄ S	Rt ℄
	-4 40	10 05		14 45	L ℄ TAB IN TOP OF CONC PATIO WALL 12 31	
			33	68		0 5 R PEBBLES & WALL
			60	41		25 R SAND
			81	20		50 R
			99	02		70 R
			129	-28		101 R
			151	-50		135 R
			161	-60		166 R
			178	-77		197 R
			189	-88		228 R
			210	-109		260 R
			223	-122		284 R
			242	-141		309 R

Profile Notes Red ____ Plotted ____ Job No. 8763.05 Division No. 11 F.B. 3494 PG. 101
No. ____ Date 6/25/74 Date ____ Survey of HYDROSURVEY AVALON BEACH
X-Sec. Notes Ckd. SYKES Checked ____ Survey by J.J. BATEN Notes TULVER Date 6-19-74
No. ____ Date ____ Date ____ Map No. ____ Indexed T. M. PALMER Date JUN 24 1974

F. B. 3494 PG. 103

Profile No.	Notes Red	Plotted	Job No. 030002	Division No. 11
	Date	Date	Survey of HYDRO. SURVEY - AVALON	
X-Sec. No.	Notes Chk'd H. SPRIGGS	Checked	Survey by BAZEN	Notes	Date 2/19/75
	Date 2-24-75	Date	Map No.	Indexed D. BAILEY	Date FEB 21 1975

HYDROGRAPHIC SURVEYS
OF
AVALON BEACH
CATALINA ISLAND

J.N. 0300.02

REF.: F.B. 3494-71-81.

Pg 103-112

STATION	B.S.	H.I.	F.S.	ELEV.
			PARTY	
		J.J. BAZEN C.E. SHOEMAKER J.M. UHARRIET		

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE ON RANGE LN. "A"	
0+00	"A"				LT. & S.	RT. & N.
	0.38	10.41		10 03	L & S TAG TOP OF	SEAWALL (PG. 80)
			03	101	13.5 LT. SAND	
			015	10 26	24.5' LT. N. edge BRICK WLK.	
			3.2	7.2		1' RT. SAND @ WALL
			5.4	5.0		25' " " & PEBBLES
			7.5	2.9		50' " " "
			9.6	0.8		75' " " "
			11.5	-1.1		100' " " "
			12.6	-2.2		127' " "
			13.9	-3.5		168' " "
			17.8	-7.4		231 " "
			19.4	-9.0		269 " "
			20.9	-10.5		313 " "
			23.2	-12.8		352 " "
			24.4	-14.0		390 " "

F. B. 3494 Pg. 104

Job No. 0300.03 Division No. " Notes Red Plotted Profile

Survey of HYDRO. SURVEY - AVALON Date Date No.

Survey by J.J. BAZEN Notes J.J.B. Notes Chk'd H. SPRIGGS Checked X-Sec.

Indexed G.D. BAILEY Date FEB 21 1975 Date 2-24-75 Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE ON RANGE 1405 55 (PG. 80) LT. & S	RT. & N.
1405 55	"B"					
	1.15	11.23		10.08	L & C.E. TAG. TOP OF SEAWALL	
			0.4	10.8	22' LT. SAND	
			0.0	11.23	48' LT. N. edge BRICK WALK	
			2.7	8.5		1' RT. SAND
			4.9	6.3		25' " " & PEBBLES
			6.1	5.1		46' " " "
			8.8	2.4		75' " " "
T.P.	1.27	3.67	8.83	2.40		
			4.4	-0.7		100' " " "
			5.4	-1.7		125' " "
			6.8	-3.1		170 " "
			8.3	-4.6		200' " "
			10.2	-6.5		230' " "
			12.0	-8.3		265' " "
			13.1	-9.4		293' " "
			14.1	-10.4		319' " "
			15.3	-11.6		347' " "
			16.6	-12.9		379' " "
			17.7	-14.0		407' " "

Profile No. _____ Notes Red _____ Plotted _____ Job No. 0300.02 Division No. 11 F. B. 3494 Pg. 105
X-Sec. No. _____ Date _____ Date _____ Survey of HYDRO. SURVEYS - AVALON
Notes Chkd. H. SPRIGGS Checked _____ Survey by J. BAZEN Notes J.B. Date 2-19-75
Date 2-24-75 Date _____ Map No. _____ Index B. D. BAILEY Date FEB 21 1975

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE RANGE 2+06 18 (PG. 80)	
2+06 18	"C"				LT. & S.	RT. & N.
	1.42	11.46		10.04	L&C E TAG. ON SEAWALL	Pg
			0.4	11.1	22° LT. SAND.	
			0.20	11.26	42° " N. EDGE OF WALK.	
			2.7	8.8		1' RT. SAND & PEBBLES
			5.1	6.4		25' " " & "
			6.8	4.7		50' " " "
			8.7	2.8		75' " " "
			10.6	0.9		100' " " "
T.P.	1.52	+ 3.41	9.57	+ 1.89		
			4.3	- 0.9		112' " "
			5.8	- 2.4		143' " "
			7.8	- 4.4		180' " "
			10.1	- 6.7		216' " "
			12.0	- 8.6		245' " "
			13.3	- 9.9		280' " "
			15.0	-11.6		314' " "
			15.6	-12.2		346' " "
			17.3	-13.9		379' " "
			17.8	-14.4		402 " "

F. B. 3494 Pg. 106
Job No. 03002 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of HYDRO-SURVEYS - AVALON Date ____ Date ____ No. ____
Survey by J. BAZEN Notes J.J.B. Notes Checked H. SPRIGGS Checked ____ X-Sec. ____
Indexed FEB 21 1975 Date G.D. BAILEY Date 2-24-75 Date ____ No. ____

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE ON RANGE 3+06.20 "D"	
3+06.20	"D"				LT. & S.	RT. & N.
	1.18	11.22		10.04	L.A.C.E. TAS ON SEAWALL (PG. 80)	
			0.5	10.7	21' LT. SAND.	
			0.04	11.18	45' LT. N. edge OF BRICK WALK.	
			2.9	8.3		1' RT. SAND & Pebbles
			5.1	6.1	(BRK)	38' " " "
			7.4	3.8		60' " " "
			8.6	2.6		75' " " "
			10.6	0.6		100' " " "
T.P.	1.70	3.65	9.27	1.95	T.P.	
			4.1	-0.8		108' " " (BRK)
			6.2	-2.6		142' " "
			7.8	-4.2		170' " "
			9.3	-5.7		199' " "
			11.4	-7.8		225' " "
			12.7	-9.1		248' " "
			14.7	-11.1		282' " "
			17.4	-13.8		319' " "
			17.6	-14.0		350' " "
			18.7	-15.1		377' " "

Profile No. _____ Notes Red _____ Plotted _____ Job No. 2[illegible] Division No. 11
X-Sec. No. _____ Date _____ Date _____ Survey of HYDRO. SHEET 75-HWALCO
Date 7-24-75 Notes Chk H. SPRIGGS Checked _____ Survey by J. BREEN Notes _____ Date 7-18-75
Date _____ Map No. _____ Index D. BAILEY Date FEB 21 1975

F. B. 3[illegible]4 PG. 107

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE ON RANGE 4+06 94 "E"	
4+06 94	"E"				LT. & S.	RT. & N.
	1.52	11.29		9.77	L & C.E. TAG. ON SEAWALL (PG. 80)	
			0.7	10.6	24' LT. SAND.	
			0.05	11.24	46' LT. N edge BRICK WALK.	
			3.1	8.2		1' RT. SAND & PEBBLES
			5.2	6.1		25' " "
			7.6	3.7		50' " "
			9.4	1.9		75' " "
			11.7	-0.4		100' " "
T.P.	1.54	3.36	9.47	1.82	T.P.	
			6.5	-3.1		134' "
			7.7	-4.3		156' "
			9.2	-5.8		182' "
			11.2	-7.8		207' "
			12.7	-9.3		230' "
			13.8	-10.4		256 "
			14.9	-11.5		278' "
			15.7	-12.3		304' "
			17.0	-13.6		336 "
			18.8	-15.4		364 "

F. B. 3494 PG. 108 Job No. 0300.02 Division No. 11 Notes Red Plotted Profile
Survey of HYDRO. SURVEYS - AVALON Date Date No.
Survey by J. BAZEN Notes J.J.B. Notes Chk'd Checked X-Sec.
Indexed G.D. BAILEY Date FEB 21 1975 Date 2-24-75 Date No.

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE ON RANGE 5+07 32 "F" LT. & S.	RT. & N.
5+07 32 "F"						
	1.98	11.53		9.55	1 & C.E. TAG, ON SEAWALL (PG. 80-81)	
			0.8	10.7	20' SAND	
			0.44	11.09	41.5 W. edge BRICK WALK	
			3.2	8.3		1' RT. sand & Pebbles.
			6.0	5.5	(BRK)	30' " "
			8.4	3.1		50' " "
			10.6	0.9		75' " "
			12.7	-1.2		100' " "
T.P.	1.33	3.51	9.35	2.18	T.P.	
			6.0	-2.5		113' "
			7.9	-4.4		145' "
			9.1	-5.6		170' "
			10.6	-7.1		203' "
			12.5	-9.0		233' "
			13.8	-10.3		262 "
			14.8	-11.3		285 "
			15.8	-12.3		313' "
			17.2	-13.7		340' "
			18.6	-15.1		361' "

Profile No. X-Sec. No.
Notes Red Date
Notes Chk. H. SPRIGGS Date 2-24-75
Plotted Date
Checked Date
Job No. 0301.02 Division No. 11
Survey of HYDRO-SURVEYS-AVALON
Survey by J. BAZEN Notes J.J.B. Date 2-19-75
Map No. Indexed G. D. BAILE Date FEB 21 1975
F. B. 3494 Pg. 109

76-L-298 CE 307 5-66

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

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

Do not extend notes this side of this line.

F. B. 3494 Pg. 110 | Job No. 0300.02 | Division No. 11 | Notes Red | Plotted | Profile
Survey of HYDRO. SURVEYS - AVALON | Date | No. | X-Sec.
Survey by J. BAZEN | Notes J.J.B. | Notes Checked H. SPRIGGS | Date
Indexed G. D. BAILEY | Date FEB 21 '67 | Date 2-24-75 | No.

STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE ON RANGE 6+08.00 "G"	
6408.00	"G"				LT. ℄ S	RT. ℄ N.
	-3.37	10.60		13.97	L.A.C.E. TAG TOP OF	SEAWALL (PG. 81)
			2.0	8.6		0' RT. Pebbles
			6.0	4.6		25' " Sand & Pebbles
			8.5	2.1		50' " " "
			10.9	-0.3		75' " " "
T.P.	1.28	3.58	8.30	2.30	T.P.	
			6.2	-2.6		113' " " "
			7.9	-4.3		127' " "
			9.4	-5.8		156' " "
			10.5	-6.9		188' " "
			11.8	-8.2		217' " "
			12.9	-9.3		243' " "
			14.6	-11.0		275' " "
			15.9	-12.3		306' " "
			17.5	-13.9		336' " "
			19.0	-15.4		358' " "

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE ON RANGE 7+09 17 "H"	
7+09 17	"H"				LT. & S.	RT. & N
	4.10	10.35		14.45	L&C.E. TAG, TOP OF SEA WALL (PG. 81)	
			2.8	7.5		1' RT. PEBBLES
			6.5	3.8		25 " sand & "
			8.6	1.7		50' " " "
			11.0	-0.7		75' " " "
T.P.	1.95	3.74	8.56	1.79	T.P.	
			6.6	-2.9		100' " " "
			8.7	-5.0		136' " " "
			9.9	-6.2		164' " "
			11.5	-7.8		198' " "
			12.8	-9.1		229' " "
			15.1	-11.4		269' " "
			17.2	-13.5		303' " "
			18.6	-14.9		330' " "

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300.02 Division No. 11 F.B. 3494 Pg. 111
Date ____ Date ____ Survey of HYDRO. SURVEYS - AVALON
X-Sec. No. ____ Notes Chk. H. SPRIGGS Checked ____ Survey by J. BAZEN Notes J.B. Date 2-19-75
Date 2-24-75 Date ____ Map No. ____ Indexed D. BAILEY Date FEB 21 1975

Profile No.	Notes Red	Plotted	Job No. 0300.02	Division No. 11	F.B. 3494 Pg. 113
	Date	Date	Survey of HYDROSURVEY — AVALON BEACH		
X-Sec. No.	Notes Chkd. JA	Checked	Survey by BAZEN	Notes C.E.S.	Date 8-14-75
	Date 8-25-75	Date	Map No.	Index R. D. BAILEY	Date AUG 19 75

HYDROGRAPHIC SURVEY
AVALON BEACH
CATALINA ISLAND

J.N. 0300.02

J.J. BAZEN
C.E. SHOEMAKER
J.M. UHARRIET

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

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

Do not extend notes this side of this line.

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

76-L298 CE 307 3-61

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	Profile on range Line "A" 0+00	
0+00	"A"				LT & S.	RT & N.
"	0.75	10.78		10.03	L & C.E. Tag Top of seawall (Pg 80)	
"			0.5	10.3	13.5 LT SAND.	
"			0.52	10.26	24.5 " BRICK WALK.	
"			4.2	6.6		1' RT. SAND.
T.P.	32	7.5	6.50	4.28	T.P.	
"			3.0	4.5		25' " PEBBLES
"			4.8	2.7		50' " "
"			6.1	1.4		75'
"			8.7	-1.2		100'
"			10.4	-2.9		135'
"			11.3	-3.8		173'
"			12.5	-5.0		200'
"			14.2	-6.7		235'
"			16.1	-8.6		272'
"			17.2	-9.7		296'
"			18.6	-11.1		330'
"			20.2	-12.7		358'
"			21.6	-14.1		383'

F.B. 3494 Pg. 114

Job No. 0300.02 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of HYDROSURVEY - AVALON BEACH Date ____ Date ____ No. ____

Survey by BAZEN Notes SHOEMAKER Notes Chkd. J.G. Checked ____ X-Sec. ____

Indexed G.D. BAILEY Date AUG 19 T. Date 8-20-75 Date ____ No. ____

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	Profile on range 1+05.55 Pg 80	
1+05.55	"B"				LT & S	RT & N
	2.19	12.27		10.08	L & CE Tag, Top of seawall.	
			1.4	10.9	22' LT. SAND.	
			1.00	11.27	48' " ED. OF BRICK WLK.	
			3.6	8.7		1' RT. SAND.
			5.2	7.1		25' " "
T.P.	375	7.77	8.25	4.02	TP.	
			3.0	4.8		50' RT. "
			5.0	2.8		75' " "
			7.0	0.8		100' " "
			9.4	-1.6		127' " "
			11.0	-3.2		160' " "
			12.2	-4.4		198' " "
			13.8	-6.0		229' " "
			15.7	-7.9		264' " "
			17.3	-9.5		300' " "
			18.5	-10.7		335' " "
			19.8	-12.0		361' " "
			21.1	-13.3		396' " "
			23.2	-15.4		441' " "

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0509.02 Division No. 11 F.B. 3494 Pg. 115
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROSURVEY - AVALON BEACH
Notes Chkd. JG Checked ____ Survey by BAZEN Notes C.E.S. Date 8-14-75
Date 8-20-75 Date ____ Map No. ____ Indexed R.D. BAILEY Date 8-19-75

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

F.B. 3494 Pg. 116 | Job No. 03 00.02 | Division No. 11 | Notes Red | Plotted | Profile No.
Survey of HYDROSURVEY - AVALON BEACH | Date | X-Sec. No.
Survey by BAZEN | Notes SHOEMAKER | Notes Chkd. | Checked
Indexed B.D. BAILEY | Date AUG 19 '75 | Date 8-20-75 | Date

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE RANGE	2+06.18 Pg 80
2+06.18	"C"				LT. & S.	RT & N
	2.46	12.50		10.04	L&CE TAG ON SEAWALL (Pg 80)	
			1.5	11.0	22° SAND	
			1.24	11.26	42° ed. OF BRK. WLK.	
			3.5	9.0		1° SAND,
			5.1	7.4		25' "
			7.4	5.1		50' "
T.P.	2.03	7.30	7.23	5.27	T.P.	
			4.5	2.8		75' "
			6.8	0.5		100' "
			9.0	-1.7		133' "
			11.0	-3.7		165' "
			13.6	-6.3		209'
			15.1	-7.8		236'
			16.7	-9.4		266'
			18.8	-11.5		295'
			19.9	-12.6		327'
			20.1	-12.8		357'
			21.4	-14.1		392'

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE ON RANGE 3+06.20 (Pg 80)	
3+06.20	"D"				LT. & S.	RT & N
	1.78	11.82		10.04	L&CE.TAG ON SEAWALL (Pg 80)	
			1.3	10.5	21' LT. SAND.	
			0.68	11.14	45.5 LT. ed OF BRK WLK.	
			3.0	8.8		1' SAND
			4.3	7.5		25' "
			6.8	5.0		50' "
T.P.	2.21	7.40	6.63	5.19	T.P.	
			4.7	2.7		75' "
			7.0	0.4		100' "
			9.2	-1.8		136' "
			11.1	-3.7		167' "
			12.6	-5.2		192' "
			15.8	-8.4		238'
			17.2	-9.8		260'
			19.1	-11.7		287'
			20.0	-12.6		310'
			22.1	-14.7		361'
			22.8	-15.4		388'

Profile No. X-Sec. No. Notes Red Date Notes Chkd. J G Date 8-20-75 Plotted Date Checked Date Job No. 0300.02 Division No. 11 Survey of HYDROSURVEY - AVALON BEACH Survey by BAZEN Notes C.E.S. Date 8-14-75 Map No. Indexed G. D. BAILEY Date 8-19-75

F.B. 3494 Pg. 117

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE ON RANGE 4+06.94 "E"	
4+06.94	"E"				LT. & S.	RT & N
	1 58	11 35		9.77	L & C.E. TAG ON SEAWALL (PG 80)	
			0.9	10 5	20' L Sand	
			0 10	11 25	41' L Brickwalk	
			2.7	8.7		1' R Sand
			5.1	6.3		25 "
			7 3	4 1		50 "
TP	0 90	8 25	4 00	7.35	TP	
			6 2	2.1		75 "
			7.9	0.4		100 "
			11.2	-2 9		138 "
			13 4	-5.1		169
			15.8	-7.5		203
			17.4	-9.1		228
			18.2	-9.9		248
			18 9	-10.6		262
			20 1	-11.8		284
			20.7	-12.4		310
			22.3	-14.0		337
			24.3	-16.0		371

F.B. 3494 PG. 118 Job No. 0300.02 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of HYDROSURVEY-AVALON BEACH Date ____ Date ____ No. ____
Survey by BAZEN Notes SHOEMAKER Notes Chkd. JG Checked ____ X-Sec. ____
Indexed R.D. BAILEY Date AUG 19 75 Date 8-20-75 Date ____ No. ____

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE ON RANGE 5+07.32 F	
5+07.32	F				LT & S	RT & N
	1.98	11.53		9.55	L & CE TAG ON SEA WALL (Pg 80-81)	
			0.9	10.6	20' LT. SAND.	
			0.44	11.09	41.5 " ed. BK. WLK	
			2.9	8.6		1' PEBBLES
			5.9	5.6		25' "
T.P.	3.00	8.63	5.90	5.63	T.P.	
			5.5	3.1		50' "
			7.6	1.0		75' "
			9.9	-1.3		100' SAND.
			12.6	-4.0		133' "
			14.1	-5.5		168' "
			15.5	-6.9		201' "
			17.2	-8.6		234'
			19.0	-10.4		266'
			20.1	-11.5		292
			21.6	-13.0		327
			24.2	-15.6		367

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300-02 Division No. 11 F.B. 3494 Pg. 119
Date ____ Date ____ Survey of HYDROSURVEY - AVALON BEACH
X-Sec. No. ____ Notes Chkd. J.G. Checked ____ Survey by BAZEN Notes C.E.S. Date 8-14-75
Date 8-20-75 Date ____ Map No. ____ Indexed J.D. BAILEY Date 8-19-75

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

F.B. 3494 PG. 120 | Job No. 0300.07 | Division No. 11 | Notes Red | Plotted | Profile
Survey of HYDROSURVEY-AVALON BEACH | Date | Date | No. | X-Sec.
Survey by BAZEN | Notes SHORTMAKER | Notes Chkd. J.G. | Checked | No.
Index B. D. BAILEY | Date AUG 19 '75 | Date 8-20-75 | Date

STATION	B. S.	H. I.	F. S.	ELEV.	PROFILE ON RANGE 6+08.00 "G"	
6+08.00	"G"				✓ LT ℄ S	RT ℄ N
	-5.50	8.47	✓	13.97	L. ℄ C.E. TAG TOP OF SEAWALL (PG. 81)	
			0.1	8.4	✓	6" PEBBLES
			4.1	4.4	✓	25' " ℄ SAND
			6.7	1.8	✓	50' " ℄ "
			8.6	-0.1	✓	75' " "
			11.6	-3.1	✓	100' SAND
			13.0	-4.5	✓	128'
			14.8	-6.3	✓	176'
			16.4	-7.9	✓	209'
			17.3	-8.8	✓	235'
			18.5	-10.0	✓	258'
			19.5	-11.0	✓	280'
			20.7	-12.2	✓	307'
			22.2	-13.7	✓	337'
			24.2	-15.7	✓	361'

76-L298 CE 307 3-61

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

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

Do not extend notes this side of this line.

STATION	B.S.	H.I.	F.S.	ELEV.	PROFILE ON RANGE 7+09.17 "H"	
7+09.17	"H"				LT & S	RT & N
	-6.00	8.45		14.45	L & CE. TAG TOP OF SEA WALL (Pg 81)	
			1.7	6.7		1' RT. Pebbles
			5.0	3.5		25' " "
			7.0	1.5		50' " " & SAND
			9.7	-1.2		75' " " "
			11.8	-3.3		100' " SAND.
			12.9	-4.4		126' "
			14.4	-5.9		162' "
			16.2	-7.7		198' " "
			17.5	-9.0		233' "
			19.7	-11.2		268' " "
			21.4	-12.9		296' " "
			23.2	-14.7		328' " "

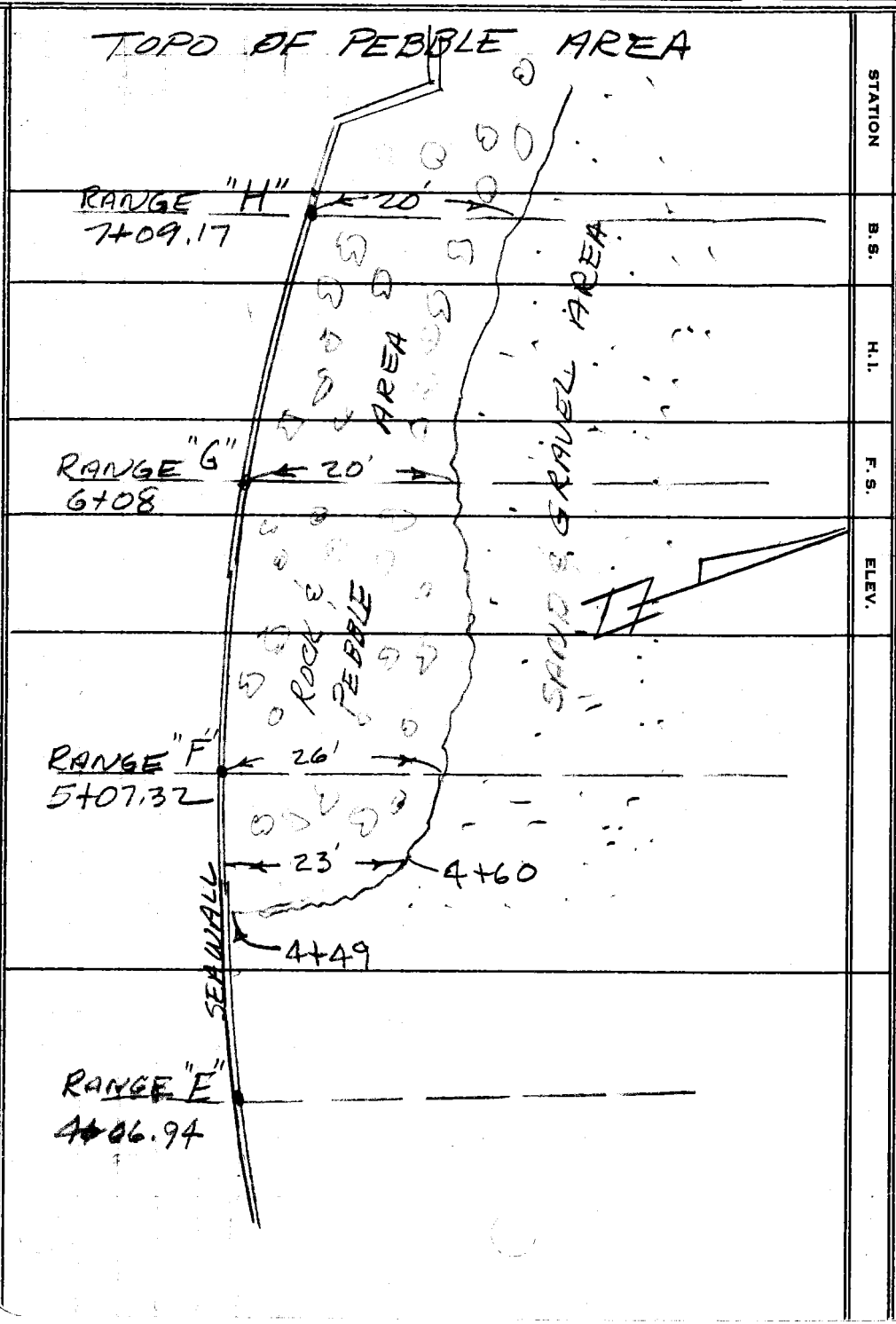
Profile No. ____ Notes Red ____ Plotted ____ Job No. 0300-02 Division No. 11 F.B. 3494 Pg. 121
X-Sec. No. ____ Date ____ Date ____ Survey of HYDROSURVEY-AVALON BEACH
Notes Chkd. ____ Checked ____ Survey by BAZEN Notes C.F.S. Date 8-14-75
Date 8-20-75 Date ____ Map No. ____ Indexed [illegible] Date [illegible]

F.B. 3494 Pg. 122 | Job No. 030002 | Division No. 11 | Notes Red | Plotted | Profile

Survey of HYDROSURVEY - AVALON BEACH | Date | Date | No.

Survey by BAZEN | Notes BAZEN | Notes Chkd. | Checked | X-Sec.

Indexed G. D. BAILEY | Date AUG 1975 | Date | Date | No.



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

76-L298 CE 307 3-61

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

Do not extend notes this side of this line.

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

Profile No.	Notes Red	Plotted	Job No. 0805.56	Division No. 11	F. B. 3494 PG. 123
	Date	Date	Survey of FLOOD INSURANCE STUDY - AVALON		
X-Sec. No.	Notes Ck. E. DUVERNAY	Checked	Survey by RICHARDS	Notes W.A.P.	Date 9-14-76
	Date 9/17/76	Date	Map No.	Index E. M. PALMERI	Date SEP 1 0 1976

J.N. 0805.56

FLOOD INSURANCE STUDY - AVALON

PROFILE

ON

STREET CENTERLINES

DATUM: M.L.L.W.

ELEV.	RICHARDS MITCHEL MOODY STOCK
F. S.	
H. I.	
B. S.	
STATION	

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

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

Do not extend notes this side of this line.

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

17.03 CLARESSA & BEA CON

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

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

Do not extend notes this side of this line.

30 55 CLARESSA

STATION	B. S.	H. I.	F. S.	ELEV.	WESTERLY ON S. CURB OF CRESCENT AVE.
F.D.					
B.M. # 4				11 26	B.M. # 4 ELEV. = 11.263 PER PG. 39
GOING WESTERLY ON CRESCENT AVE.					
0+00 = ℄ INT. OF CLARESSA AVE. & SLY CURB LINE OF CRESCENT AVE.					
0+00				10.95	
1+00				11.14	
2+00				11.22	
3+00	⊙			11.11	
3+01 5 ±				11.11	℄ CATALINA AVE
4+00				11.05	
5+00				11.21	
6+00				11.11	
6+02 2 ±				11.11	℄ SUMMER AVE.
7+00				12.44	
8+00				13.22	
8+10 8				13.43	℄ METROPOLE
T.P.				15.38	T.P.
9+00				14.45	GUT
10+00				14.95	GUT

F. B. 3494 PG. 124 Job No. 0805.56 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of FLOOD INSURANCE STUDY - AVALON Date ____ Date ____ No. ____
Survey by RICHARDS Notes SEP 1 8 1976 Notes Checked E. DUVERNAY Checked ____ X-Sec. ____
Indexed R. M. PALMER Date ____ Date 9/17/76 Date ____ No. ____

76-L-298 CE 307 8-70

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

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

16.5
3.4
20.2

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
10+55 3				15.78	± ℄ WHITLEY AVE.	
10+65 6				1260	F.L. OF 18" STORM DRAIN & 3' S/O GUTTER LINE	
11+00				15.85	GUT	
11+55 0				1736	℄ MARILLA AVE.	
BM #3				1627	B.M. #3 ELEV. = 16.276 PER PG. 44	

GOING EASTERLY ALONG SLY CURB LINE OF CRESCENT AVE, FROM ± ℄ OF CLARISSA AVE., SAID INT. = 0+00 GOING EASTERLY

0+00				10.95	PVT.	
1+00				11.01	GUT.	
1+37 7				12.75	BK, END GUT.	
2+00				12.15	GUT LINE PROD.	
2+46				1265	℄ PVT. - CLARISSA	
2+83				1467	" " "	
3+00	⊙			16.79	" " "	
3+25				20.2	" " "	HAND LEVEL.

Profile Notes Red ____ Plotted ____ Job No. 0805.56 Division No. 11 F.B. 3924 PG. 125
No. ____ Date ____ Date ____ Survey of FLOOD INSURANCE STUDY - AVALON
X-Sec. Notes Ch'd DUVERNAY Checked ____ Survey by [illegible] Notes [illegible] Date [illegible]
No. ____ Date 9/17/76 Date ____ Map No. ____ Index [illegible] Date SEP 1 6 1976

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
B.M. # 4				11.26	B.M. # 4 ELEV. = 11.263 PER PG. [illegible]	
T.P.				11.14	T.P. ROCK	
T.P.				15.09	T.P. "	
GOIN EASTERLY ALONG ℄ OF BEACON ST., FROM ℄ OF CLARISSA AVE. SAID ℄ INT. = 0+00 GOING EASTERLY						
0+00				16.88	℄ INT. ELEV. = 17.03 PER CITY OF AVALON ENG. DEPT. PLAN BOOK # 453	
0+14 4				16.42	GUT F.L.	
0+28				17.10	BK.	
1+00				17.77	PVT.	
1+43 4				18.38	℄ INT., CLEMENTE AVE.	
1+66				18.38	℄ ex-GUT	
1+96 3	⊙			20.38	℄ BK. & WLY EDGE OF BRIDGE OVER DRAIN	
2+00				20.35	℄ PVT.	
"				15.93	12' LT. F.L. DRAIN.	
2+05				20.34	℄	
"				16.17	12' RT., F.L. DRAIN.	
2+11				20.38	℄ BK., & ELY EDGE OF BRIDGE.	
2+23 7				19.97	℄ ALLEY	

F. B. 3494 Pg. 126 Job No. 0805.56 Division No. 11 Notes Red Plotted Profile
Survey of FLOOD INSURANCE STUDY - AVALON Date Date No.
Survey by RICHARDS Notes W.A.P. Notes Checked X-Sec.
Indexed R. PALMER Date SEP 1 6 1976 Date 9/17/76 Date No.

76-L-298 CE 307 8-70

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

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

0-52

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	ELY. ON BEACON ST.
2+30.5				1991	℄ ε ℄ X-GUT. - F.L.
3+00				21.73	℄ PVT.
				23.97	℄ "
2+23.2 ON ℄ BEACON ST. = 0+00 ALLEY					GOING NORTHERLY ALONG ℄ PVT. OF
0+00	0			19.97	℄ INT.
0+16.5				19.55	℄ ε 9° ELY. FROM ELY. EDGE OF DRAIN
0+52.0				18.77	BK. " " " " " " " "
1+00				18.55	" " " " " " " "
1+55.7				18.15	BK. " " " " " " " "
1+69.6				18.42	P.I.
2+00				20.52	℄ EXIST. PVT.
2+38.3				23.69	P.I. OF EXIST. PVT.
3+00		4.5' 3.5'		25.5	℄ PVT. - HAND LEVEL
1+91.6	ε 9° L of Prod			13.56	Int Drain from SE 'a 3.5 x 4.5 Conc Box Drain

Profile Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F. B. 3494 Pg. 127
No. ____ Date ____ Date ____ Survey of FLOOD INSURANCE STUDY - AVALON
X-Sec. ____ Notes Checked ____ Survey by ____ Notes ____ Date ____
No. ____ Date 9/17/76 Date ____ Map No. ____ Index ____ Date SEP 10 1976

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
0+00				19 97		
1+00 sly ℄ ditch				21 6		
			B.M.	Tie Line Sly on Clarissa Ave. to Tremont Ave.		
T.B.M. = 0+00				16.88	℄ int Clarissa Ave & Beacon St. on M.H.	
T.P.				24.46	T.P. Top Rock	
TBM = 0+00				30 60	℄ int Clarissa Ave & Tremont Ave.	
					℄ 13.5 N of Wall Split of 27' Rd bd	
					15°-15° curb Split Nly	EL. = 30.55 PER CITY OF AVALON ENG. DEPT. PLAN BOOK # 453
		Profile of ℄ Split Tremont Ely				
0+00				30 60		℄ int const
1+				29 48		℄
1+43.0				29 40		℄ int Const
+44				29 25	gut	℄ Prod
2+				29.9		℄ Prod
+26				30.3		" W Edge of ditch
+45				27 0		" bot ditch Toe Slope
			bank goes up @ 1+01			
0+00				30.60	℄ INT., TREMONT AVE. & CLARISSA AVE.	

F. B. 3494 PG. 128 | Job No. 0805.56 | Division No. 11 | Notes Red | Plotted | Profile
Survey of Flood Insurance Study Avalon | Date | Date | No.
Survey by | Notes | Notes Checked | X-Sec.
Indexed L. M. PALMER | Date SEP 1 6 1976 | Date 9/17/76 | Date | No.

Profile No.	Notes Red	Plotted	Job No. 0805.56	Division No. 11	F. B. 3494 Pg. 129
	Date	Date	Survey of FLOOD INSURANCE STUDY - AVALON		
X-Sec. No.	Notes Ch'd E. DUVERNAY	Checked	Survey by RICHARDS	Notes W.A.P.	Date 2-19-76
	Date 9/17/76	Date	Map No.	Indexed R. W. PALMERI	Date SEP 16 1976

J.N. 0805.56

FLOOD INSURANCE STUDY-AVALON

BENCH LEVELS

TO ESTABLISH T.B.M.'S ALONG AVALON RD., N/O TREMONT ST.

DATUM: M.L.L.W.

ELEV.	RICHARDS MOODY MITCHEL STOCK
F. S.	
H. I.	
B. S.	
STATION	

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

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

Do not extend notes this side of this line.

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
(FD.) B.M. # 4				11.26	B.M. # 4 ELEV. = 11.263 FB. 3494-39 CRESCENT AVE, SLY SIDE, ± MIDWAY BET. CLARISSA AVE. & CATALINA AVE, A STD. DISC. IN CONC. WK.	
T.P.				11.14	ROCK.	
T.P.				15.09	"	
T.P.				16.88	= ℄ INT., CLARISSA AVE. & BEACON ST.	
T.P.				24.46	ROCK.	
T.P.				30.~~60~~ 605	= ℄ INT., CLARISSA AVE. & TREMONT ST.	
(SET) "T" B.M. # 1				35.~~19~~ 195 "T"	B.M. # 1 ELEV. = 35.195 FB. 3494-130 TREMONT ST. & EUCALYPTUS AVE. N.E. COR. L. & T. IN CURB., 1° S/O NORTH END C.R.	
(SET) "T" B.M. # 2				39.~~37~~ 385 "T"	B.M. # 2 ELEV. = 39.~~37~~ 385 FB. 3494-130 TREMONT ST. & SUMMER AVE., N.W. COR. L. & T. IN CONC. WK., 1° N/O S. END. & 1° W/O EDGE EAST	
T.P.				41.87	ROCK	
T.P.				49.99	ROCK.	
(SET) T.B.M. # 3				58.~~40~~ 415	T.B.M. # 3 ELEV. = 58.415 FB. 3494-130 AVALON RD., WLY SIDE, @ FORK IN ROAD TO SCHOOL CHI. "□" IN W.CB., 12° N/O. DR. TO HOSP. (FALLS CANYON RD.)	

F. B. 3494 Pg. 130 Job No. 080556 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of FLOOD INSURANCE STUDY - AVALON Date ____ Date ____ No. ____
Survey by RICHARDS Notes W. A. R. Notes Checked ____ X-Sec. ____
Indexed L. L. PALMER Date SEP 16 1976 Date 9/17/76 Date ____ No. ____

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	AVALON CN. RD.	
(SET) T.B.M. #4				61.~~10~~ .11	T.B.M. #4 ELEV. = 61.~~10~~ .11 AVALON CN. RD. & FALLS TOP OF FIRE HYDRANT, 5'	FB. 3494-131 CN. RD., W'LY. SIDE W/O W. EDGE OF WALK.
T.P.				62.39	ROCK.	
(SET) T.B.M. #5				65.~~59~~ .60	T.B.M. #5 ELEV. = 65.60 AVALON CN. RD., 275' ± NAIL IN CTR. OF PAINTED	FB. 3494-131 S/O FALLS CN. RD. CROSS IN ℄ PVT. (-P.L. PT)
T.P.				73.99	ROCK.	
(SET) T.B.M. #6				77.07	T.B.M. #6 ELEV. = 77.07 AVALON CN. RD., W'LY. SIDE, OPP. STABLES TOP OF 6" FIRE HYDRANT	FB. 3494-131
T.P.				80.41	ROCK	
T.P.				89.17	"	
T.P.				97.74	"	
(SET) T.B.M. #				92.~~41~~ .40	T.B.M. #7 ELEV. = 92.40 AVALON CN. RD., ELY. SIDE, 45' ± S/O ELECT. SWITCHBOARD BLDG., & 15' E/O E. EDGE	FB. 3494-131 PVT.

Profile Notes Red ____ Plotted ____ Job No. 0805.56 Division No. 11 F.B. 3494 PG. 131
No. ____ Date ____ Date ____ Survey of FLOOD INSURANCE STUDY - AVALON
X-Sec. Notes Checked ____ Survey by RICHARDS Notes W.A.R. Date 9-14-76
No. ____ Date 9/17/76 Date ____ Map No. ____ Indexed ____ Date SEP 16 1976

E. DUVERNAY
E. M. PALMER

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	AVALON CN. RD.
(CON'T)					
T.B.M. # 7				92.40 ~~41~~	℄ TR. OF NUMBER PLATE OF TRANS. PAD # 506090 @ S.E. COR. OF CONC. PAD. (6" ABOVE GD.)
T.P.				98.55	ROCK.
T.P.				107.83	"
T.P.				117.10	"
(SET)					
T.B.M. # 8				120.13 ~~12~~	T.B.M. # 8 ELEV. = 120.13 FB. 3494-132 AVALON CN. RD., WLY., SIDE, OPP. AVALON CN. PICNIC AREA. S.E. COR. OF METAL FRAME OF TEL. PULL BOX. (HIGH POINT OF FRAME)
T.P.				126.49	ROCK.
T.P.				133.68	"
T.P.				139.27	"
T.P.				146.39	"
T.P.				155.75	"
(SET)					
T.B.M. # 9				157.055 ~~.06~~	T.B.M. # 9, ELEV. = 157.055 FB. 3494-132 AVALON CN. DR., ELY. SIDE, OPP. L.A. CO. SHERIFF'S STA. A CHI. "□" IN CONC. SLAB. FOR L.P. STORAGE TANK 3° N & 1° E/O S.W. COR. OF SLAB.

F.B. 3494 PG. 132 Job No. 0805.56 Division No. " Notes Red Plotted Profile
Survey of FLOOD INSURANCE STUDY - AVALON Date Date No.
Survey by RICHARDS Notes W.A.R. Notes Checked DUVERNAY Checked X-Sec.
Indexed R. M. PALMERI Date SEP 16 1976 Date 9/17/76 Date No.

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	AVALON CN. RD.	
(SET) T.B.M.# 10				163.~~59~~ .60	T.B.M.# 10 ELEV. =163.60	FB. 3494-133
					AVALON CN. DR., WLY. SIDE,	@ L.A. CO. SHERIFF'S STA
					S'ELY. COR. CONC. APRON TO	GARAGE @ S'LY. END OF BLDG.
T.P.				172.78	ROCK.	
(SET) T.B.M.# 11				181.~~76~~ 77	T.B.M.# 11 ELEV. =181.77	FB. 3494-133
					AVALON CN. DR. WLY, SIDE,	@ L.A. CO. FIRE STA. # 55
					A CHI. "□" IN CONC. @ CTR. DOOR POST TO GARAGE DOOR	
T.P.				182.20	ROCK	
"				190.12	"	
"				197.69	"	
"				206.21	"	
"				213.70	"	
(SET) "				222.39	"	
T.B.M.# 12				228.23	T.B.M.# 12 ELEV. =228.23	FB. 3494-133
					A CHI. "+" IN SLY. RIM OF S.S.M.H., @ ± ℄ PVT.	
					112.0' ± S/O SLY. EDGE OF FIRE STA. # 55	
T.P.				236.42	ROCK.	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 080556 Division No. " F.B. 3494 PG. 133
X-Sec. No. ____ Date ____ Date ____ Survey of FLOOD INSURANCE STUDY - AVALON
Notes Chk'd. E. DUVERNAY Checked ____ Survey by RICHARDS Notes W.A.R. Date 9-19-76
Date 9/17/76 Date ____ Map No. ____ Indexed E. M. PALMER Date SEP 16 1976

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	AVALON CN. RD.	
(SET)						
T.B.M.# 13				245.46 ~~45~~	T.B.M.# 13 ELEV. =245.46	FB. 3494-134
					AVALON CN. RD., 1425' ± S/O L.A.CO. FIRE STA.	
					A CHI. "+" IN S. RIM OF S.S.M.H., 8' E/O W. EDGE PVT.	
					& 16' SLY. OF SIGN "SLOW-BUMPS"	
T.P.				253.73	ROCK.	
"				262.55	"	
"				271.17	"	
"				280.31	"	
"				289.03	"	
"				298.24	"	
"				307.71	"	
(SET) "				316.94	"	
T.B.M.# 14				318.945	T.B.M.# 14 ELEV. =318.945	FB. 3494-134
					AVALON CN. RD., 290' ± N/O GATE TO WRIGLEY	
					MEMORIAL GARDEN, & 3' W/O ℄ PVT. A CHI. "+"	
					IN S. RIM OF S.S.M.H.	
T.P.				325.76	ROCK	
"				334.80	"	

F.B. 3494 PG. 134 Job No. 0805.56 Division No. 11 Notes Red Plotted Profile
Survey of FLOOD INSURANCE STUDY - AVALON Date Date No.
Survey by RICHARDS Notes W.A.R. Notes Checked E. DUVERNAY X-Sec.
Indexed S. M. PALMERI Date SEP 16 1976 Date 9/17/76 Date No.

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	AVALON CN. RD.	
(SET)						
T.B.M. #15				337.79	T.B.M. # 15 ELEV.=337.79	FB. 3494-135
					AVALON CN. DR. @ GATE TO WRIGLEY MEMORIAL GARDENS	
					A CHI. "+" IN S. RIM OF S.S.M.H., 15' N. & 5' W/O	
					CTR. OF GATE	
T.P.				334.80	ROCK	
(FD) T.P.				325.76	"	
T.B.M. # 14				318.945	T.B.M. # 14 ELEV.=318.945	PER PG. 134
T.P.				316.95	ROCK,	
"				307.72	"	
"				298.66	"	
"				289.18	"	
"				280.32	"	
"				271.18	"	
"				262.56	"	
(FD.) "				253.75	"	
T.B.M. # 13				245.46	T.B.M. # 13 ELEV.=245.46	PER PG. 134
(FD) T.P.				236.43	ROCK	
T.B.M. # 12				228.23	T.B.M. # 12 ELEV.=228.23	PER PG. 133
T.P.				222.40	ROCK,	
"				213.70	"	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 080-56 Division No. 11 F.B. 3494 Pg. 135
X-Sec. No. ____ Date ____ Date ____ Survey of FLOOD INSURANCE STUDY-AVALON
Notes Ck. E. BUVERNAK Date 9/17/76 Checked ____ Date ____ Survey by R. CHAPMAN Notes W.M. Date 9-14-76
Map No. ____ Indexed [redacted] Date SEP 1 0 1976

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	AVALON CN. RD.	
T. P.				206.22	ROCK.	
"				197.70	"	
"				193.73	"	
"				190.12	"	
(FD) "				182.22	"	
T.B.M. #11				181.~~78~~ 77	T.B.M. #11 ELEV. = 181.77	PER PG. 133
T. P.				173.43	ROCK	
(FD.) "				164.39	"	
T.B.M. #10				163.~~61~~ 60	T.B.M. #10 ELEV. = 163.60	PER PG. 133
(FD.) T.B.M. #9				157.055	" 9 "	" " 132
T. P.				149.25	ROCK	
"				142.15	"	
"				136.21	"	
"				133.70	"	
(FD.) "				126.51	"	
T.B.M. #8				120.~~14~~ 13	T.B.M. #8 ELEV. = 120.13	PER PG. 132
T. P.				117.12	ROCK	
"				112.47	"	
"				107.86	"	
"				104.24	"	

F. B. 3494 PG. 136 | 0805.56 Job No. | Division No. " | Notes Red | Plotted | Profile
Survey of FLOOD INSURANCE STUDY - AVALON | Date | Date | No.
Survey by RICHARDS Notes W.A.R. | Notes Ch'd. DUVERNAY | Checked | X-Sec.
Indexed R. M. PALMER | Date SEP 16 1976 | Date 9/17/76 | Date | No.

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	AVALON CN. RD.	
(FD.) T. P.				98.58	ROCK.	
T.B.M.# 7				92.~~39~~ 40	T.B.M.# 7 ELEV. = 92.40	PER PG. 132
T.P.				91.65	ROCK	
"				89.18	"	
"				83.44	"	
"				80.42	"	
"				75.98	"	
(FD.) T.B.M.# 6				77.07	T.B.M.# 6 ELEV. = 77.07	PER PG. 131
T.P.				74.00	ROCK	
"				70.26	"	
(FD) T.B.M.# 5				65.~~61~~ 60	T.B.M.# 5 ELEV. = 65.60	PER PG. 131
T.P.				62.41	ROCK	
(FD.) T.B.M.# 4				61.~~12~~ 11	T.B.M.# 4 ELEV. = 61.11	PER PG. 131
(FD.) T.B.M.# 3				58.~~43~~ 415	T.B.M.# 3 ELEV. = 58.415	PER PG. 130
T.P.				54.09	ROCK	

Profile Notes Red ____ Plotted ____ Job No. 080556 Division No. " F.B. 3494 Pg. 137
No. ____ Date ____ Date ____ Survey of FLOOD INSURANCE STUDY - AVALON
X-Sec. Notes Chk'd. F. DUVERNAY Checked ____ Survey by RICHARDS Notes W.A.P. Date 9-14-76
No. ____ Date 9/17/76 Date ____ Map No. ____ Index [illegible] Date SEP 1 0 [illegible]

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	AVALON CN. RD.	
T. P.				50.01	ROCK.	
"				46 03	"	
"				41.87	"	
"				41.87	"	
(FD.)						
T.B.M. #2				39.385	T.B.M. #2 ELEV. = 39.385	FB. 3494 – 130
(FD.)						
T.B.M. #1				35.195	T.B.M. #1 ELEV. = 35.195	FB. 3494 – 130
0+00 ℄ INT.				30.605	0+00 ELEV. = 30.605	FB. 3494 – 130
					℄ INT. CLARISSA AVE. & TREMONT ST.	

F. B. 3494 Pg. 138 | 0805.56 Job No. Division No. " Notes Red Plotted Profile
Survey of FLOOD INSURANCE STUDY - AVALON Date Date No.
Survey by RICHARDS Notes W.A.R. Notes E. DUVERNAY Checked X-Sec.
Indexed [redacted] PALMETTI Date SEP 1 8 1976 Date 9/17/76 Date No.

Profile No.	Notes Red	Plotted	Job No. 3714.55	Division No. 11	F. B. 3494 PG. 139
	Date	Date	Survey of SOUTH BEACH — AVALON BAY		
X-Sec. No.	Notes Chk'd.	Checked	Survey by STOCK	Notes H.R.S.	Date 6-20-78
	Date	Date	Map No.	Indexed T.M. PALMER	Date JUN 22 1978

SOUTH BEACH- AVALON BAY

J. N. 3714.55

H. STOCK

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

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

Do not extend notes this side of this line.

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

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Inst. @ "A" sight "B" Right 108° 40' for Range Line						
0+00	2.04	12.07		10 03	L&C.E. Tag Per Pgs 75	
			4.0	08.1	1'R bot Wall	
			6.3	05.8	25'R	
	4.1	08.2	8.0	04.1	50'R	T.P.
		6.1		01.1	75 R	
		6.7		01.5	88'R	
		8.1		00.1	100 R	
		10.		-01.9	125 R	
		10.6		-01.6	150 R	
		10.4		-01.8	175 R	
		12.7		-03.5	200 R	
		13.5		-04.3	225	
		14.9		-06.7	250	
		16.0		-07.8	275	
		17.2		-09.0	300	
		18.4		-10.2	325	

F. B. 3494 PG. 140 Job No. 3714.55 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of SOUTH BEACH - AVALON BAY Date ____ Date ____ No. ____
Survey by STOCK Notes 6-20-78 Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed G.D. BAILEY Date JUN 22 1978 Date ____ Date ____ No. ____

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
1+05.55 Inst. "B" 71°20' to Left Sighting "A" L&C.E Tags both						
To North on Range Line L&C.E Tag 13494-75						
0+00	27°	12.78		10.08	Range Line	
+01			3.9	08.9	"	
+25			6.0	06.8	"	
+50	35	08.4	7.9	04.9	"	Turn 1 x 2
+75			5.2	03.2	"	
1+00			6.6	01.8	"	
+25			8.0	00.4	"	
+50			10.8	-02.4	"	
1+75			11.8	-03.4	"	
2+00			12.6	-04.2	"	
+25			13.8	-05.4	"	
+50			15.8	-07.4	"	
+75			16.6	-08.2	"	
3+00			17.7	09.3	"	
+25			18.2	09.8	"	
+50			20.5	12.1	"	

Profile Notes Red ____ Plotted ____ Job No. 3714.55 Division No. 11 F. B. 3494 Pg. 141
No. ____ Date ____ Date ____ Survey of SOUTH BEACH - AVALON BAY
X-Sec. Notes Chk'd. ____ Checked ____ Survey by STOCK Notes H.R.S. Date 6-20-78
No. ____ Date ____ Date ____ Map No. ____ Indexed G.D. BAILEY Date JUN 22 1978

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
2+06 18	Pt "C"	L & C.E. Tag		Sight "B"		
0+00 N	2.8	12.84		10.04	C.E. Tag Top Wall Range Line Nly	
+01			3.6	09.2	bot Wall	"
+25			5.7	07.1		"
+50	3.5	08.6	7.7	05.1		" T.P. Rock
+75			5.7	02.9		"
+90			6.7	01.9		"
1+25			9.3	-00.7		"
+50			11.8	-03.2		"
+75			12.5	-03.9		"
2+00			14.5	-05.9		"
+25			15.2	-06.6		"
+50			16.4	-07.8		"
+75			17.8	-09.2		"
3+00			19.5	-10.9		"
+25			20.0	-11.4		"
+50			20.5	-11.9		

F. B. 3494 PG. 142 Job No. 3714.55 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of SOUTH BEACH-AVALON BAY Date ____ Date ____ No. ____
Survey by STOCK Notes H.P. STOCK Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed G.D. BAILEY Date JUN 22 1978 Date ____ Date ____ No. ____

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Instr. @ 3+06.2 Sta "D" sight on "C" & Angle Left 88°57'						
Nly						
0+00	3.5	13.54	3.5	10.04	Range Ln Nly	
+01			4.0	09.5	"	
+25 ⊙	3.4	11.2	5.7	07.8	"	T.P. Rock
+50			6.2	05.0	"	
+75			8.5	02.7	"	
+95			9.5	01.7	"	
1+25			12.5	-01.3	"	
+50			13.9	-02.7	"	
+70			15.2	-04.0	"	
1+95			16.8	-05.6	"	
2+25			18.8	-07.6	"	
+50			21.0	-09.8	"	
+85			22.5	-11.3	"	
3+10			23.6	-12.4	"	
+25					"	
+50			25.8	-14.6	"	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 3714.55 Division No. 11 F. B. 3494 Pg. 143
X-Sec. No. ____ Date ____ Date ____ Survey of SOUTH BEACH-AVALON BLVD
Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by STOCK Notes HRS Date 6-20-78
Map No. ____ Date ____ Indexed G.D. BAILEY Date JUN 22 [illegible]

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

F. B. 3494 PG. 144 | Job No. 3714.55 | Division No. 11 | Notes Red ____ Date ____ Notes Chk'd. ____ Date ____ | Plotted ____ Date ____ Checked ____ Date ____ | Profile No. ____ X-Sec. No. ____

Survey of SOUTH BEACH – AVALON BAY
Survey by Stock Notes H. STOCK
Indexed G.D. BAILEY Date JUN 22 1978

STATION	B. S.	H. I.	F. S.	ELEV.		
@Station "E" = 4+06.94	sight on "F"			∢ 85°02 to Right		
0+00	2.4	12.2		09.7	Range Line	
+01			4.2	08.0		"
+25	3.6	09.9	5.9	06.3		"
+50			6.0	03.9		"
+75			7.6	02.3		"
+85			8.5	01.4		"
1+00			11.0	-01.1		"
+25			11.5	-01.6		"
+45			12.9	-03.0		"
+75			15.8	-05.9		"
2+00			17.5	-07.6		"
+25			18.6	-08.7		"
+50			21.0	-11.1		"
+75			21.5	-11.6		"
3+00			23.0	-13.1		

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
@ STATION "F" Sight on "E" 94°58 to Left for Rangeln						
					"	
0+00	3.1	12.65		9.55	"	
+01			4.3	08.4	"	
+25 ⊙	3.6	09.2	7.1	05.6	"	T.P. Rock
+50			5.6	03.6	"	
+75			7.1	02.1	"	Break
1+00			9.1	00.1	"	
+25			11.1	-01.9	"	
+50			12.0	-02.8	"	
+75			15.0	-05.8	"	
2+00			15.7	-06.5	"	
+25			17.2	-08.0	"	
+50		OK	20.0	-10.8	hole "	
+75			18.6	-09.4	hump "	
3+00			20.6	11.4	"	
+25			21.5	12.3	"	

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 3714.55 Division No. 11 Survey of SOUTH BEACH - AVALON BAY Survey by STOCK Notes H.R.S. Date 6-20-78 Map No. ____ Indexed G.D. BAILEY Date JUN 2 8 1978

F. B. 3494 PG. 145

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Instr. @ "G" Sight on "F" 6+08.00 Per Pgs 77 & 100				Range	Angle to Left = 96° 40'	
0+00	3.2	17.2		13.97	L&C.E. Tag Top of wall	
+01			9.6	07.6	bot wall	Range Ln
+25 ⊙	4.3	08.6	12.9	04.3	⊙	"
+50			6.2	02.4		"
+57			6.6	03.0	break	"
+75			8.1	00.5		"
1+00			10.1	-01.5		"
+25			11.8	-03.2		"
+50			13.8	-05.2		"
+75			14.8	-06.2		"
2+00			15.4	-06.8		"
+25			16.9	-08.3		"
+50			17.9	-09.3		"
+75			18.9	-10.3		"
3+00			20.4	-11.8		"
+25			21.0	-12.4		"

F. B. 3494 PG. 146 | Job No. 3714.55 | Division No. 11 | Notes Red | Plotted | Profile
Survey of SOUTH BEACH - AVALON BAY | Date 6-20-78 | Date | No. | X-Sec.
Survey by STOCK | Notes H.R. STOCK | Notes Chk'd. | Checked | No.
Indexed G.D. BAILEY | Date JUN 22 1978 | Date | Date

76-L-298 CE 307 8-70

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

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
Instr. @ "H"		Sight on "G"		Left	98°44' Range Line	
L&C.E. Tag = 7+09.11		Per Pgs 77 & 101				
0+00	-5.2	09.3		14.45	L&C.E. Tag Top of Wall then N on Range Ln	
+01			1.8	07.5	Range Ln	
+25			7.8	01.5	"	
+40			8.0	01.3	"	
+75			11.5	-02.3	"	
1+00			12.8	-03.5	"	
+25			12.8	-03.5	"	
+50			14.4	-05.1	"	
+75			16.4	-07.1	"	
2+00			17.3	-08.0	"	
+25			18.3	-09.0	"	
+50			19.4	-10.1	"	
+75			21.2	-11.9	"	
3+00			22.5	-13.2	"	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 3114.55 Division No. 11 F. B. 3494 Pg. 147
Date ____ Date ____ Survey of SOUTH BEACH - AVALON BAY
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by STOCK Notes H.F.S. Date 6-20-78
Date ____ Date ____ Map No. ____ Indexed G.D. BAILEY Date JUN 22 1978