Notes Cld by

Work

Survey of Geodetic Control F. B. 2462 PG. 5

JN 0301.00 Tape Std °F

Surveyed by F E Brooks

Notes Date

Indexed G. D. BAILEY APR 26 1914

JN 0301.00

GEODETIC CONTROL

ELEVATIONS

ON GEODETIC STATIONS

COUNTY SURVEYOR
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEER BUILDING

Microfilmed Nov. 85

F. B. 2462 PG. 6

INDEX

PAGE	NAME	STATION
9 - 18	WORKMAN HILL	WHITTIER L-1
19 - 24	SANTA FE DAM	AZUSA D-11
25 - 28	L.A. N.W. BASE	WHITTIER F-10 AUX 3
29 - 36	GAS HOLDER	ARTESIA B-9
37 - 42	DOMINGUEZ	COMPTON I-5 AUX 1
43 - 48	HARBOR GEN. HOSPITAL	COMPTON B-9 C
49 - 53	STADIUM	CLEARWATER H-9A
55 - 59	DAWSON	CLEARWATER E-12 AUX 2
61 - 65	VETERANS HOSPITAL	LONG BEACH J-3A AUX 1
67 - 70	L.B. FRWY. OVERPASS	COMPTON L-12A AUX 1
71 - 74	PROCTOR + GAMBLE	WILMINGTON K-4
75 - 83	SEAL BEACH	LONG BEACH K-7D
85 - 92	EDISON	WILMINGTON S-5
93 - 95	BANK BLDG	LONG BEACH A-4E
97 - 101	BLUFF PARK AT ORIZABA	LONG BEACH F-5A
103 - 106	SAN PEDRO CITY HALL	WILMINGTON C-8 ECC 1
107 - 110	MATSON	WILMINGTON F-4A ECC 6
111 - 117		SAN PEDRO HILLS O-3E
119 - 127		SAN PEDRO HILLS S-1 AUX 1
129 - 138	SOUTH BAY HOSPITAL	TORRANCE G-6B
139 - 155	BALDWIN	INGLEWOOD E-1C
		HOLLYWOOD E-12
		HOLLYWOOD D-11
159 - 168		HOLLYWOOD - C-12
		HOLLYWOOD - C-10

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Notes Ck'd by	Survey of Geodetic Control
Map No.	JN 0301.09 Tape Std °F
Office Work	Surveyed by EE Brooks
Checked	Notes Date
Date	Indexed G. D. BAILEY APR 26 1974

F. B. 2462 PG. 7

INDEX

PAGE	NAME	STATION	
169 - 172		INGLEWOOD	D-1
173 - 178		INGLEWOOD	E-1 B
179 - 182	MUSEUM	LOS ANGELES	B-10 C
183 -			

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F. B. 2462 PG. 8

INDEX

PAGE	NAME	STATION

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DATE SURVEY BY F E Brooks

NOTES CHKD R. HILARIO NOTES BY R D Smith DATE 3-18-74

DATE INDEXED G. D. BAILEY DATE APR 25 1974

DESCRIPTION

S.N. 0301.00

GEODETIC CONTROL

ELEVATIONS

ON WORKMAN HILL

(WHITTIER L-1)

F E Brooks
R D Smith
G.D. Chason
R. Krohn

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

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JOB NO. 0361.00 SURVEY OF GEODETIC CONTROL NOTES RED. DATE
SURVEY BY L. E. BROOKS
NOTES BY R. SMITH DATE 3-18-74 NOTES CHKD R. HILARIO DATE 5-6-74
INDEXED BY D. BAILEY DATE APR 26 1974
WORKMAN (WH 1-1)
F.B. 2462 PG. 10

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BG 3202	1155.65					BG 3202 Elev. 1155.650' RD Dept. Whittier 1970 Skyline Dr. and Edgeridge Dr. N.E. Cor., 18' N. & inter. RD MM Tag in Conc. headwall.
+	0.25					
⊼	1155.90					
-	1.33					
T.P.	1154.57					
+	9.08					
⊼	1163.65					
-	1.25					
T.P.	1162.40					
+	8.03					
⊼	1170.43					
-	1.92					
T.P.	1168.51					
+	6.95					
⊼	1175.46					
-	4.39					
⊙ T.P.	1171.07					SET. Sg to SPK.
+	4.78					
⊼	1175.85					
-	3.95					
BG 3201	1171.90					BG 3201 ELEV 1171.885 RD DEPT WHITTIER 1970 TURNBULL CANYON RD. & SKYLINE DR TO FT No. 4 34 FT. E. OF ℄ 14T.
+	3.37					
⊼	1175.27					
-	0.48					
T.P.	1174.79					
+	11.40					
⊼	1186.19					
-	0.52					
	1185.67					
	CONT'D					

NOTES RED. JOB NO. 0301.00 SURVEY OF WORKMAN (WHL-1) GEODETIC CONTROL F. B. 2462 PG. 11

DATE SURVEY BY F. E. BROOKS

NOTES CHKD. B. HILARIO NOTES BY R. SMITH DATE 3-18-74

DATE 5-6-74 INDEXED G. D. BAILEY DATE APR 26 1974

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1185.67					
+	11.84					
⊼	1197.51					
−	0.18					
T.P.	1197.33					
+	11.83					
⊼	1209.16					
−	0.33					
T.P.	1208.83					
+	11.92					
⊼	1220.75					
−	0.44					
T.P.	1220.31					
+	10.29					
⊼	1230.60					
−	0.54					
T.P.	1230.06					
+	11.39					
⊼	1241.45					
−	0.49					
T.P.	1240.96					
+	11.75					
⊼	1252.71					
−	0.51					
T.P.	1252.20					
+	9.69					
⊼	1261.89					
−	4.07					
T.P.	1257.82					
	CONT.					

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WORKMAN (WH. L-1)
JOB NO. 0304.00 SURVEY OF GEODETIC CONTROL NOTES RED. DATE
SURVEY BY F. E. BROOKS
NOTES BY R. SMITH DATE 3-18-74 NOTES CHKD HILARIO DATE 5-6-74
INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 12

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1257.82					
+	11.78					
℄	1269.60					
−	0.49					
T.P.	1269.11					
+	11.80					
℄	1280.91					
−	0.97					
T.P.	1279.94					
+	11.44					
℄	1291.38					
−	0.31					
T.P.	1291.07					
+	10.89					
℄	1301.96					
−	0.35					
T.P.	1301.61					
+	11.67					
℄	1313.28					
−	0.57					
T.P.	1312.71					
+	11.77					
℄	1324.48					
−	0.44					
T.P.	1324.04					
+	12.01					
℄	1336.05					
−	0.39					
T.P.	1335.66					
	CONT'D					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1335.66	✓				
+	11.69					
⊼	1347.35	✓				
−	0.73					
T.P.	1346.62	✓				
+	11.94					
⊼	1358.56	✓				
−	0.39					
T.P.	1358.17	✓				
+	10.31					
⊼	1368.48	✓				
−	0.37					
T.P.	1368.11	✓				
+	11.69					
⊼	1379.80	✓				
−	0.40					
T.P.	1379.40	✓				
+	11.02					
⊼	1390.42	✓				
SET −	2.42					
WORKMAN WH-L-1	1388.00	✓				BM. WORKMAN (WH. L-1) ELEV. 4" BRASS DISC. INSCRIBED "COOPERATIVE SURVEY CONTROL, COUNTY OF LOS ANGELES & CITY OF LOS ANGELES WORKMAN HILL 1933 R.E. 62 (FLUSH)
+	2.85					
⊼	1390.85	✓				
SET −	5.04					
RM #4	1385.81	✓		(see pg 18)		RM. #4 ELEV. 4" BRASS DISC INSCRIBED "CALIFORNIA DIVISION OF HIGHWAYS, WORKMAN HILL 1933 – 1972 Nº 4 (FLUSH)
+	7.06					
⊼	1392.87	✓				
SET −	4.93					
L+C.E. TAC	1387.94	✓				L+CE TAC (NO REF) IN S.E. CONC BASE EDISON TOWER
	CONT'D.					

NOTES RED _____ JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL WORKMAN (WH. L-1)
DATE _____ SURVEY BY F.E. BROOKS
NOTES CHKD. B. HILARIO NOTES BY R. SMITH DATE 3-18-74
DATE 6-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 13

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SURVEY BY J. E. BROOKS
NOTES BY R. SMITH DATE 3-18-74 NOTES CHKD HILARIO DATE 5-2-74
INDEXED G.D. BAILEY DATE APR 26 1974

WORKMAN (WH L-1)

F.B. 2462 PG. 14

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
L+C.E.TAG.	1387.94					
+	4.23					
=	1392.17					
−	4.13					
L+C.E.TAG	1388.04					L+C.E.TAG. ELEV. (NO REF) IN N.E. CONC. BASE EDISON TOWER (See pg 18)
+	4.01					
=	1392.05					
−	10.74					
T.P.	1381.31					
+	1.28					
=	1382.59					
−	10.56					
T.P.	1372.03					
+	0.97					
=	1373.00					
−	11.02					
T.P.	1361.98					
+	1.07					
=	1363.05					
−	10.68					
T.P.	1352.37					
+	1.25					
=	1353.62					
−	11.25					
T.P.	1342.37					
+	0.47					
=	1342.84					
−	10.99					
T.P.	1331.85					
	CONT'D					

NOTES RED. JOB NO. 0301.00 SURVEY OF WORKMAN (WH L-1) GEODETIC CONTROL F. B. 2462 PG. 15

DATE SURVEY BY F.E. BROOKS

NOTES CHKD. R. HILARIO NOTES BY R SMITH DATE 3-18-74

DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1331.85					
+	1.38					
X	1333.23					
−	10.64					
T.P.	1322.59					
+	0.72					
X	1323.31					
−	11.18					
T.P.	1312.13					
+	0.50					
X	1312.63					
−	11.28					
T.P.	1301.35					
+	0.48					
X	1301.83					
−	11.12					
T.P.	1290.71					
+	0.27					
X	1290.98					
−	11.32					
T.P.	1279.66					
+	0.26					
X	1279.92					
−	10.90					
T.P.	1269.02					
+	0.21					
X	1269.23					
−	11.32					
T.P.	1257.91					

1259.9
1257.82

F.B. 2462 PG. 16

WORKMAN (WH L-1)

JOB NO. 030100 SURVEY OF GEODETIC CONTROL NOTES RED.

SURVEY BY F.E. BROOKS DATE

NOTES BY R. SMITH DATE 3-18-74 NOTES CKD. R. HILARIO

INDEXED ~~G. D. BAILEY~~ DATE APR 26 1974 DATE 5-6-74

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. 1	1257.91					
+	2.53					
℄	1260.44					
+	10.99					
T.P. 1	1249.45					
+	0.29					
℄	1249.74					
+	11.68					
T.P. 1	1238.06					
+	0.24					
℄	1238.30					
+	11.80					
T.P. 1	1226.50					
+	0.25					
℄	1226.75					
-	11.21					
T.P. 1	1215.54					
+	0.60					
℄	1216.14					
-	11.19					
T.P. 1	1204.95					
+	0.36					
℄	1205.31					
-	11.77					
T.P. 1	1193.54					
+	0.32					
℄	1193.86					
-	10.88					
1	1182.98					
	CONT'D					

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	1182.98					
+	0.30					
⊼	1183.28					
−	9.32					
T.P	1173.96					
+	1.46					
⊼	1175.42					
−	3.43					
BG 3201	1171.99					BG 3201 ELEV. 1171.885 RD DEPT WHITTIER 1970, TURNBULL CANYON RD & SKYLINE DR 70' No + 24' E. OF ℄ 14T.

NOTES RED. JOB NO. 0301.00 WORKMAN (WHI L-1) SURVEY OF GEODETIC CONTROL
DATE SURVEY BY F.E. BROOKS
NOTES CHKD. B. HILARIO NOTES BY R. SMITH DATE 3-18-74
DATE 5-6-74 INDEXED G. D. BAILEY DATE APR 26 1974

F. B. 2462 PG. 17

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY F.E. Brooks DATE
NOTES BY F.E.B. DATE 18 March 74 NOTES CHECKED DATE 5-2-74
INDEXED G.D.BAILEY DATE APR 26 1974

F.B. 2462 PG. 18

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

WORKMAN HILL (WHITTIER L-1)

RM # a 4" Brass Disc
Elev = 1395.81 Per Pg 13

L.A. Co Engr Tag
Elev 1388.04 Per Pg 14

Elec. Transmission Tower.

STATION MARK 4" Brass Disc
Elev = 1388.00 per Pg 13

L.A. Co. Engr Tag
Elev. 1387.94 Per Pg 13

SKY LINE

DR.

REF F.B. B66 - 49

NOTES RED. JOB NO 0301.00 SURVEY OF Geodetic Control F. B. 2467 Pg. 19

DATE SURVEY BY F E Brooks

NOTES CHKD. R. HILARIO NOTES BY FEB DATE 19 Nov '74

DATE 5-6-74 INDEXED G. D. BAILEY DATE APR 26 1974

DESCRIPTION

SN 0301.00

GEODETIC CONTROL

ELEVATIONS

ON SANTA FE DAM

(AZUSA D-11)

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

Brooks
Smith
Krohn

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM BG 518	433.304					BM BG 518 Elev. 433.304 RD. Dept (Covine 1970) Arrow Hwy Bridge and Santa Fe Dam Spillway. N.W. Cor. abutment. a L&T.
+	4.527					
⊼	437.831					
−	4.515					
BM BG 517	433.316					BM BG 517 Elev. 433.314 RD Dept (Covine 1970) Arrow Hwy Bridge and Santa Fe Dam Spillway N.E. Cor. abutment a L&T
+	4.805					
⊼	438.121					
−	0.451					
TP 1	437.670					
+	11.905					
⊼	449.575					
−	0.472					
TP 2	449.103					
+	11.092					
⊼	460.195					
−	1.020					
TP 3	459.175					
+	11.688					
⊼	470.863					
−	0.540					
TP 4	470.323					
+	11.540					
⊼	481.863					
−	0.384					
TP 5	481.479					
+	11.439					
⊼	492.918					
−	0.558					
TP 6	492.360					

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FEBrooks DATE
NOTES BY FEB DATE 19 Mar 74 NOTES CHKD HILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-74

F.B. 2462 PG. 20

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 6	492.360	✓				
+	11.822					
⊼	504.182	✓				
-	0.437					
TP 7	503.745	✓				
+	11.943	✓				
⊼	515.688					
-	2.108					
U.S. Engr.	513.580	✓				U.S. Engr.
+	4.582					Conc. Control tower. Top of Santa
⊼	518.162	✓				Fe Dam. a 4 1/2 Disk set
-	1.088					in base of tower.
TP 8	517.074	✓				(see pg 24)
+	7.878					
⊼	524.952	✓				
-	0.695					
Azusa D-11	524.257	✓				Azusa D-11
+	0.732	✓				Conc. Control tower. Top of Santa
⊼	524.989					Fe Dam. a 4" Triangulation
-	7.914					Disk in roof of bldg.
TP 9	517.075	✓				(see pg 24)
+	0.892					
⊼	517.967	✓				
-	4.387					
TP 10	513.580	✓				
+	0.930					
⊼	514.510	✓				
-	10.764					
TP 11	503.746	✓				

NOTES RED. _____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY FE Brooks
NOTES CHKD. MILARIO NOTES BY FEB DATE 19 Mar 74
DATE 5-6-74 INDEXED G.O. BAILEY DATE APR 26 1974

F. B. 2462 PG. 21

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SURVEY BY FB Barnes DATE
NOTES BY FB DATE 19 Mar 74 NOTES CHECKED BY
INDEXED G.D. BAILEY DATE APR 26 1974 DATE

F.B. 1462 PG. 22

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 11	503.746					
+	0.835					
=	504.581					
−	11.096					
TP 12	493.485					
+	0.442					
=	493.927					
−	11.020					
TP 13	482.907					
+	0.304					
=	483.211					
−	10.990					
TP 14	472.221					
+	1.282					
=	473.503					
−	11.000					
TP 15	462.503					
+	0.356					
=	462.859					
−	10.958					
TP 16	451.901					
+	3.915					
=	455.816					
−	11.860					
TP 17	443.956					
+	6.404					
=	450.360					
−	11.437					
TP 18	438.923					

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control F. B. 2462 PG. 23

DATE SURVEY BY FE Brooks

NOTES CHKD. R. HILARIO NOTES BY FEB DATE 19 March 74

DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 18	438.923					BM BG 517 Elev. 433.314 Rd Dept (Corina 1970)
+	0.190					Arrow Hwy Bridge and Santa Fe Dam
⊼	439.113					Spillway N.E. Cor. abutment a L&T.
-	5.990					
BM BG 517	433.323					

over

765420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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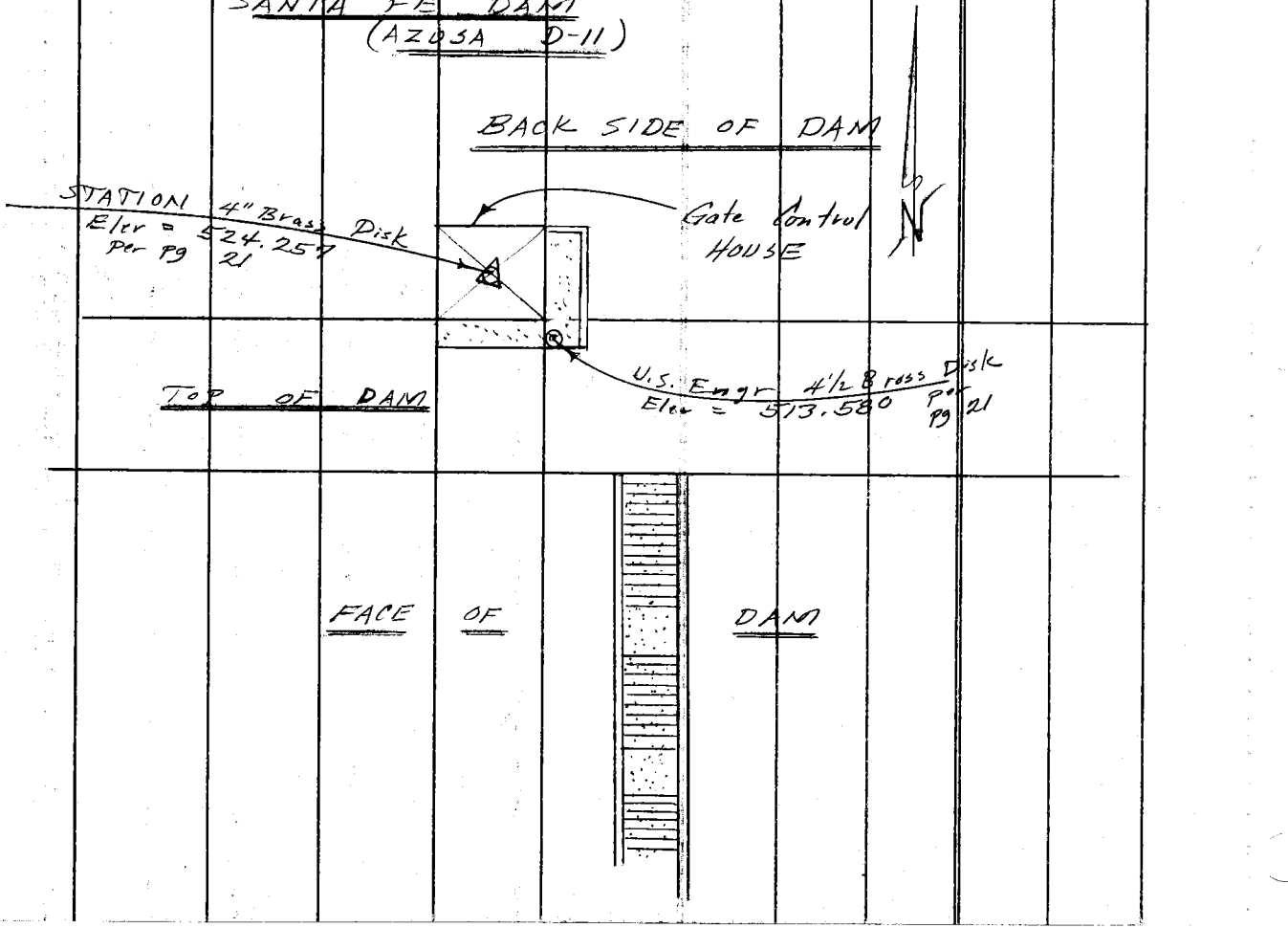
Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 19 Mar 74 NOTES CHKD HLARIS
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-74

F. B. 3462 PG. 24

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

SANTA FE DAM
(AZ03A D-11)



NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control F. B. 2462 PG. 25
DATE SURVEY BY FE Brooks
NOTES CHKD. R. HILARIO NOTES BY FEB DATE 20 March 74
DATE 5-6-74 INDEXED G. D. BAILEY DATE APR 26 1974

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
SN 0301.00						
GEODETIC CONTROL						
ELEVATIONS						
ON L.A. NORTHWEST BASE						
(WHR F-10 AUX. 3)						
					Brooks	
					Smith	
					Krohn.	

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

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB. DATE 20 March 74 NOTES CHKD. HILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-74
F.B. 4402 PG. 26

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM By 6145	125.838					BM By 6145 Elev. 125.838 Rd. Dept (Norwalk 1970) Imperial Hwy and Shoemaker Ave 320'± W and 55'± N. of ℄ inter. W. edge conc walk to Bldg #12935 a L&T
+	1.125					
⊼	126.963					
−	4.458					
BM By 1125	122.505					BM By 1125 Elev. 122.501 Rd Dept (Norwalk 1970) Imperial Hwy and Shoemaker Ave N.W. Cor. 1'± N. of N. end C.R. a L&T.
+	3.813					
⊼	126.318					
−	6.898					
TP 1	119.420					
+	5.174					
⊼	124.594					
−	6.533					
TBM Fence	118.061					TBM Fence Bolt at fence
+	6.204					
⊼	124.265					
−	4.845					
TP 2	119.420					
+	6.733					
⊼	126.153					
−	3.650					
BM By 1125	122.503					BM By 1125 Elev. 122.501 Rd. Dept (Norwalk 1970)
TBM Fence	118.061					TBM Fence Bolt at fen Elev. 118.061
+	4.212					
⊼	122.273					
−	5.777					
L.A. N.W. Base	116.496					L.A. N.W. Base (WHT. F-10 AUX 3)

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
LA NW Base	116.496					L.A. N.W. Base (WHT F-10 Aux 3)
+	4.607					Imperial Hwy and Shoemaker Ave.
π	121.103					160'± S and 5'± W of ℄ inter. a 4"
-	5.385					Brass Triangulation disk in a well
RM 3	115.718					RM 3
+	6.307					Imperial Hwy and Shoemaker Ave
π	122.025					112'± S and 32'± E. of ℄ inter. a 4"
-	4.035					Brass Reference Disk in Top of cone
TP	117.990					valve box
+	7.097					
π	125.087					
-	7.325					
RM 1	117.762					RM 1
+	7.475					Imperial Hwy and Shoemaker Ave.
π	125.237					122 E. of N.W. fence Cor. 2' S. of fence
-	7.174					Brass Ref. Disk set in a cone post thus
TBM Fence	118.063					TBM Fence. Elev 118.061 pg 26

10.5

116.50 L.A. N. W. Base per pg 27
91.44 + meas.
207.94 Elev. of the top of the frame work of the inner tower. (see pg 28)

OVER

NOTES RED
DATE
NOTES CHK'D. R. HILARIO
DATE 5-6-74
JOB NO. 0301.00
SURVEY BY F.E. Brooks
NOTES BY F.E.B.
INDEXED G.D. BAILEY
SURVEY OF Geodetic Control
DATE 20 Mar 74
DATE APR 26 1974
F.B. 2462 PG. 27

765420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 20 Mar 74 NOTES CHK'D HILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-7-74

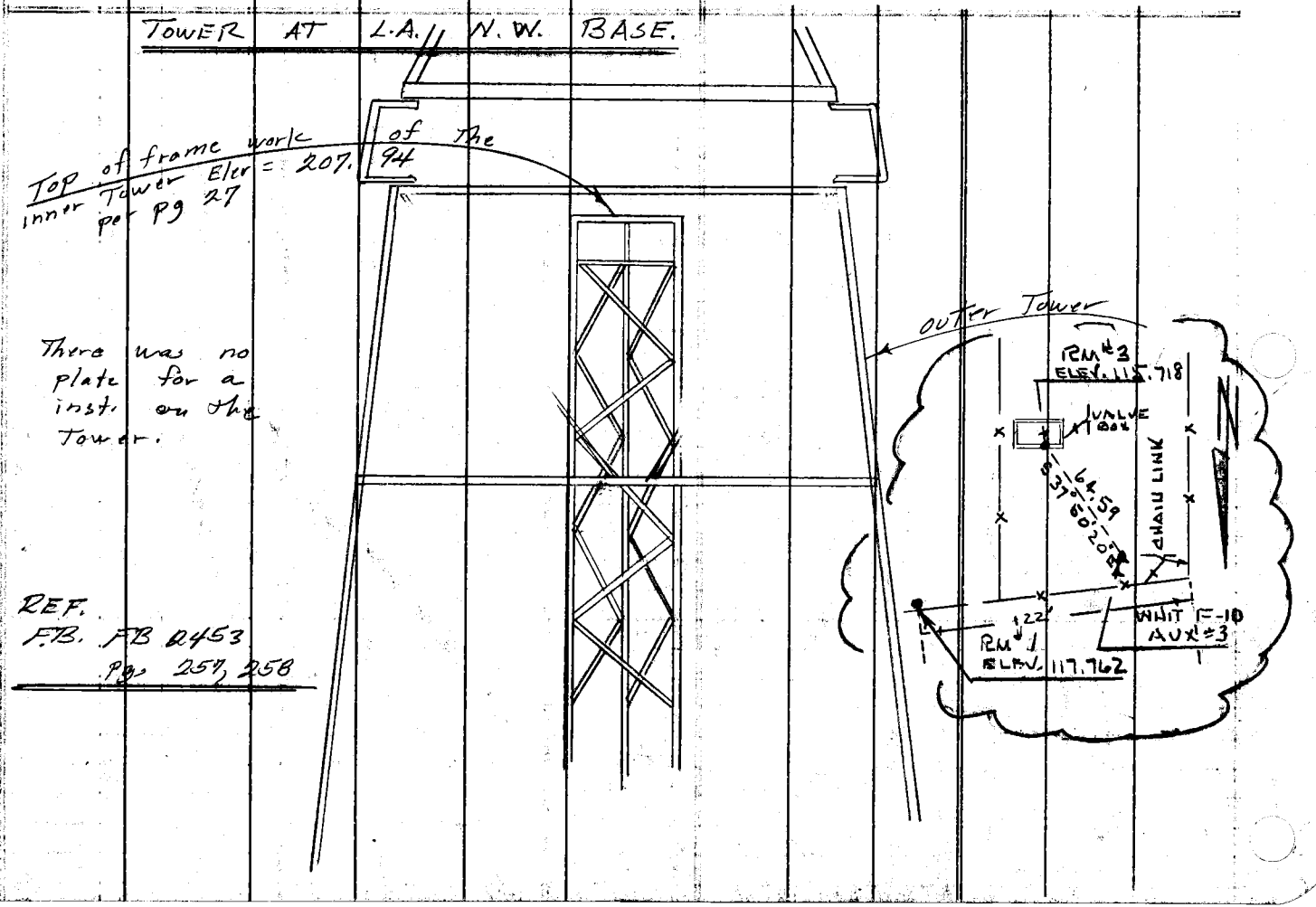
F.B. 1462 PG. 18

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	TOWER	AT	L.A. //	N. W.	BASE.	

Top of frame work of the inner Tower Elev = 207.94 per Pg 27

There was no plate for a inst. on the Tower.

REF.
F.B. FB 2453
Pgs 257, 258



NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 29

DATE SURVEY BY F E Brooks

NOTES CHKD. HILARIO NOTES BY F E B DATE 20 Mar 74

DATE 5-6-74 INDEXED G. D. BAILEY DATE APR 2 6 1974

DESCRIPTION

SN 0301.00

GEODETIC CONTROL

ELEVATION

ON GAS HOLDER

(CARTESIA B-9)

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

Brooks
Smith
Krohn.

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

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768420 S & E-353 9-55

76S420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED. DATE
SURVEY BY FE Brooks
NOTES BY FEB DATE 20 Mar 74 NOTES CHKD HILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-76

F.B. 2462 PG. 30

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM By 8918	33.725					BM By 8918 Elev. 33.725 Rd Dept (Artesia 1970)
+	5.720					Carson St. and 605 Freeway S. Side
π	39.445					58' W. of W. abutment a RD BM Tag
−	5.655					
BM By 8919	33.790					BM By 8919 Elev. 33.789 Rd. Dept (Artesia 1970)
+	5.690					Carson St. and 605 Freeway N. side
π	39.480					5' W. of W. abutment a RD BM Tag.
−	4.145					
TP	35.335					
+	2.825					
π	38.160					
−	5.805					
BM By 8920	32.355					BM By 8920 Elev. 32.345 Rd Dept (Artesia 1970)
+	4.290					Carson St. and Pioneer Blvd. N.W. Cor.
π	36.645					3' S. of N. end C.R. a RD BM Tag.
−	5.047					
TP	31.598					
+	4.960					
π	36.558					
−	5.633					
TBM spk.	30.925					TBM spk a lg Bt Spk W & T per
+	5.750					F.B. 2456 − 64
π	36.675					
−	5.078					
T.P.	31.597					
+	4.960					
π	36.557					
−	4.205					
BM By 8220	32.352					BM By 8920 Elev. 32.345 Rd. Dept (Artesia 1970)

76S420 S & E-353 9-55

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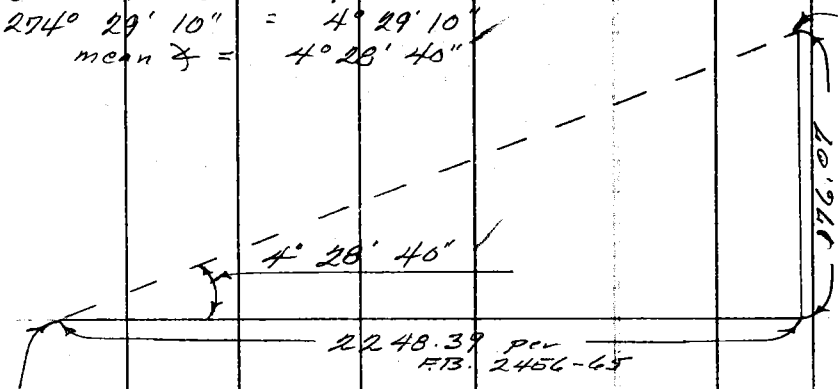
Do not extend notes this side of this line

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

Vertical ∡s
dir. 85° 31' 50" = 4° 28' 10"
Inv. 274° 29' 10" = 4° 29' 10"
mean ∡ = 4° 28' 40"



GAS HOLDER (ARTESIA B-9)
1/8" drill hole in diamond decking on platform
FB 942-117
F.B. 2456-65

TBM Spk Elev = 30.925 per pg 30
a Lg Bt. Spk W&T in Pioneer Blvd. per F.B. 2456-64

Tan 4° 28' 40" X 2248.39 = 176.07

TBM Spk	30.93	Elev per pg 30
calc	176.07	
	207.00	Elev. ARTESIA B-9
meas	4.21	
	211.21	Elev. of wood platform over station.

over.

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE SURVEY BY F.E. Brooks
NOTES CHKD. HILARIO NOTES BY F.E.B. DATE 20 March 74
DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2463 PG. 31

765420 S & E-353 9-55

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JOB NO. 03 ol. 60 SURVEY OF Geodetic Control NOTES RED. DATE
SURVEY BY F.E. Brooks
NOTES BY R.D. Smith DATE 26 Mar 74 NOTES CHKD. HILARIO DATE 5-7-74
INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 1467 PG. 32

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM By 8918	33.725					BM By 8918 Elev. 33.725 Rd Dept (Artesia 1970
+	5.829					Carson St. and 605 Freeway S. side
T	39.554					58' W. of W. abutment a RD BM Tag
-	5.768					
BM By 8919	33.786					BM By 8919 Elev. 33.789 Rd Dept (Artesia 1970
+	5.631					Carson St. and 605 Freeway N. side
T	39.417					6' W. of W. abutment a RDBM Tag.
-	6.133					
T.P.	33.284					
+	5.343					
T	38.627					
-	5.663					
T.P.	32.964					
+	5.830					
T	38.794					
-	5.659					
T.P.	33.135					
+	5.739					
T	38.874					
-	5.508					
T.P	33.366					
+	4.330					
T	37.696					
-	4.509					
T.P	33.187					
+	5.156					
T	38.343					
-	6.024					
T.P.	32.319					

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	32.319					
+	5.184					
π	37.503					
−	5.086					
T.P.	32.417					
+	4.504					
π	36.921					
−	5.169					
T.P.	31.752					
+	8.067					
π	39.819					
−	5.119					
T.P	34.700					
+	5.235					
π	39.935					
−	4.682					
SPK	35.253					Spk at base of Gas Holder.
+	3.310					
π	38.563					
−	4.404					
TP	34.159					
+	2.153					
π	36.312					
−	4.493					
TP	31.819					
+	4.463					
π	36.282					
−	5.057					
TP	31.225					

NOTES RED. JOB NO. 03 01.00 SURVEY OF Geodetic Control
DATE SURVEY BY F.E. Brooks
NOTES CHKD. [illegible] NOTES BY R.D. Smith DATE 25 Mar 74
DATE 5-6-74 INDEXED G.O. BAILEY DATE APR 26 1974

F.B. 2462 PG. 33

76S420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 3	31.225					
+	5.548					
Λ	36.773					
−	5.170					
TP 4	31.603					
+	5.665					
Λ	37.268					
−	4.997					
TP 5	32.271					
+	4.638					
Λ	36.909					
−	5.068					
TP 6	31.841					
+	6.290					
Λ	38.131					
−	6.246					
TP 7	31.885					
+	6.175					
Λ	38.060					
−	5.514					
TP 8	32.546					
+	5.525					
Λ	38.071					
−	5.910					
TP 9	32.161					
+	6.414					
Λ	38.575					
−	4.780					
BM BY 8919	33.795					BM BY 8919 Elev. 33.789 RD Dept (Artesia 1970)

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 27 Mar 74 NOTES CHKD. ARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-76

F.B. 2462 PG. 34

NOTES RED. JOB NO 2301.00 SURVEY OF Geodetic Control F. B. 2462 PG. 35
DATE SURVEY BY F E Brooks
NOTES CHKD. NOTES BY F E B DATE 27 Mar 74
DATE 5-2-74 INDEXED G. D. BAILEY DATE APR 2 8 1974

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

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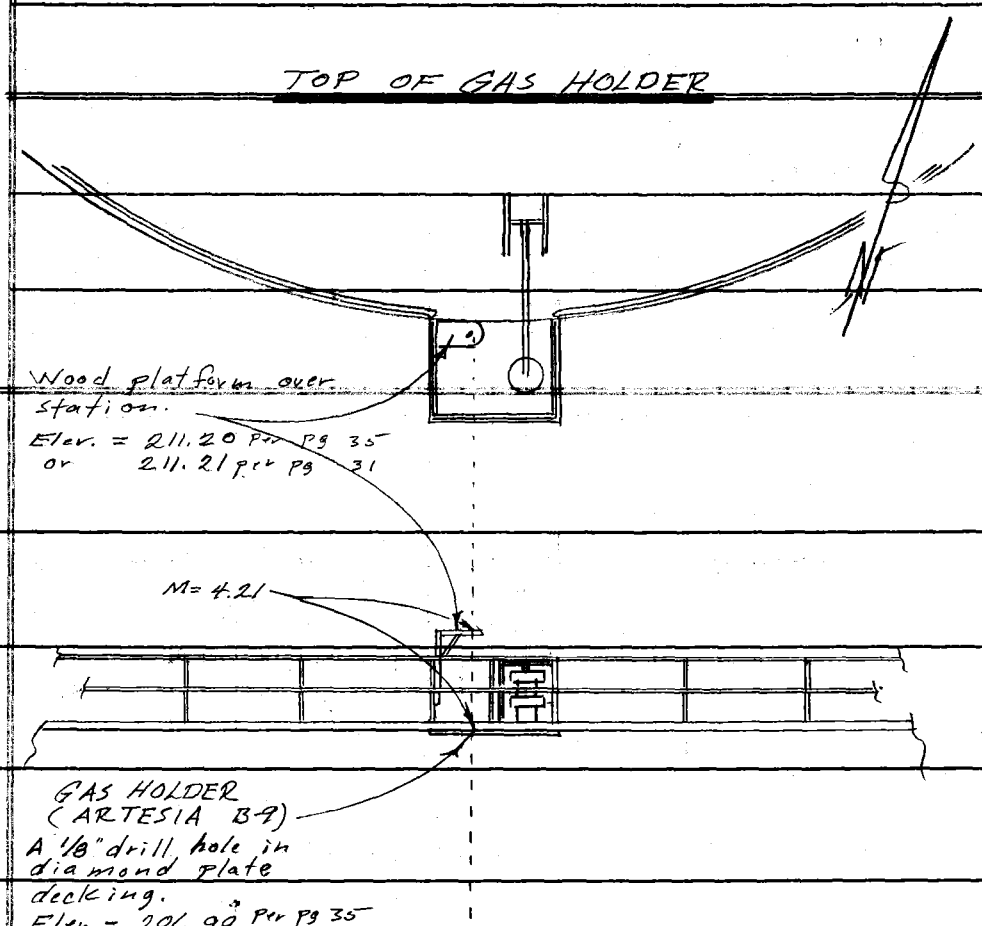
DESCRIPTION

35.25 Elev. of spk at base of Gas holder pg 33.
171.74 meas.
206.99 Elev. Artesia B-9 or 207.00 per pg 31
4.21 meas. per Pg 31
211.20 Elev. Wood platform over sta. or 211.21 per Pg 31



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

REF FB 942-117
FB 2456-65

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765420 S & E-353 9-55

F. B. 2462 PG. 36

JOB NO. ______ SURVEY OF ______ NOTES RED. ______

SURVEY BY ______ DATE ______

NOTES BY ______ DATE ______ NOTES CHKD R. HILARIO

INDEXED ______ DATE ______ DATE ______

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

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NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 37

DATE SURVEY BY F.E. Brooks

NOTES CHKD. HILARIO NOTES BY F.E.B. DATE 26 March 74

DATE 3-6-74 INDEXED G. D. BAILEY DATE APR 26 1974

I. N. 0301.00

GEODETIC CONTROL

ELEVATION

ON DOMINGUEZ

(COMPTON I-5 AUX 1)

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

Brooks
Smith
Krohn.

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JOB NO. 0331.00 SURVEY OF Geodetic Control NOTES RED. DATE
SURVEY BY F.E. Brooks NOTES CHKD. DATE 5-74
NOTES BY F.E.B. DATE 26 March 74
INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 38

B.M.		1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM By 3969		145.428	✓				BM By 3969 Elev. 145.428 Rd. Dept (Surveyed 1970
	+	6.000					Wilmington Ave and Cashdan St. N.W. Cor.
	⊼	151.428	✓				8'W and 150 N. a ct. spk in lead in pvmt.
	−	3.271					
TP	1	148.157	✓				
	+	8.694					
	⊼	156.851	✓				
	−	0.298					
TP	2	156.553	✓				
	+	10.988					
	⊼	167.541	✓				
	−	0.342					
TP	3	167.199	✓				
	+	10.357					
	⊼	177.556	✓				
	−	0.198					
TP	4	177.358	✓				
	+	8.470					
	⊼	185.828	✓				
	−	1.970					
TP	5	183.858	✓				
	+	8.241					
	⊼	192.099	✓				
	−	2.358					
TP	6	189.741	✓				
	+	6.443					
	⊼	196.184	✓				
	−	3.970					
TP	7	192.014	✓				

765420 S & E-353 9-55

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NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY FEB Brooks
NOTES CHK'D HILARIO NOTES BY FEB DATE 26 Mar. 74
DATE 5-6-74 INDEXED R.D. BALL DATE APR 26 1974

F.B. 2462 PG. 39

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 7	192.014	✓				
+	4.673					
=	196.687	✓				
−	5.412					
T.P. 8	191.275	✓				By description took this spk. in lead to be BM By 3265. didn't check elev. for the BM by 2.77 ft.
+	4.307					
=	195.582	✓				
−	4.660					
SET Pk in lead	190.922	✓				SET Pk in lead. in base of Historical Mon. E. side of Wilmington
+	4.845					
=	195.767	✓				
−	4.490					
TP 9	191.277	✓				
+	5.168					
=	196.445	✓				
−	5.035					
TP 10	191.410	✓				
+	3.870					
=	195.280	✓				
−	7.004					
TP 11	188.276	✓				
+	1.783					
=	190.059	✓				
−	8.238					
TP 12	181.821	✓				
+	1.273					
=	183.094	✓				
−	10.740					
TP 13	172.354	✓				

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FEB Brooks DATE
NOTES BY FEB DATE 26 Mar 74 NOTES CHKD. J. HILARIO
INDEXED G. D. BAILEY DATE APR 26 1974 DATE 5-6-74

F. B. 2462 PG. 40

768420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 13	172.354					
+	0.790					
⊼	173.144					
−	11.530					
TP 14	161.614					
+	0.992					
⊼	162.606					
−	11.834					
T.P. 15	150.772					
+	1.767					
⊼	152.539					
−	7.110					
BM BY 3969	145.429					BM BY 3969 Elev. 145.428 Rd. Dept (Gardena 1970) Wilmington Ave and Cashdan St. N.W. Cor. 19 W and 150' N. a ct. spk in lead in pvmt.
+	1.231					
⊼	146.660					
−	10.920					
TP 16	135.740					
+	0.563					
⊼	136.303					
−	10.470					
TP 17	125.833					
+	1.424					
⊼	127.257					
−	8.960					
BM BY 3970	118.297					BM BY 3970 Elev. 118.291 Rd. Dept (Gardena 1970) Wilmington Ave E. Side 300' S. of Cashdan L & B.N. in N. end of cb.

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
PK in lead	190.922	✓				PK spk in lead Elev. 190.922 per pg 39
+	3.323					
⊼	194.245	✓				
−	2.845					
TP	191.400	✓				
+	4.476					
⊼	195.876	✓				
−	4.550					
TP	191.326	✓				
+	4.860					
⊼	196.186	✓				
−	4.923		37.390			
TP	191.263	✓	8.180			
+	45.570		45.570			
⊼	236.833	✓				
−	0.730					
Plate	236.103	✓				Inst. plate at Dominguez (Compton I-5 Aux 1) see pg 42
+	0.820					
⊼	236.923	✓	37.390			
−	45.650		8.260			
TP	191.273	✓	45.650			
+	4.694					
⊼	195.967	✓				
−	4.630					
TP	191.337	✓				
+	4.390					
⊼	195.727	✓				
−	4.325					
TP	191.402	✓				

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD. HILARKI NOTES BY FEB DATE 26 Mar 74
DATE 5-6-76 INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 41

768420 S & E-353 9-55

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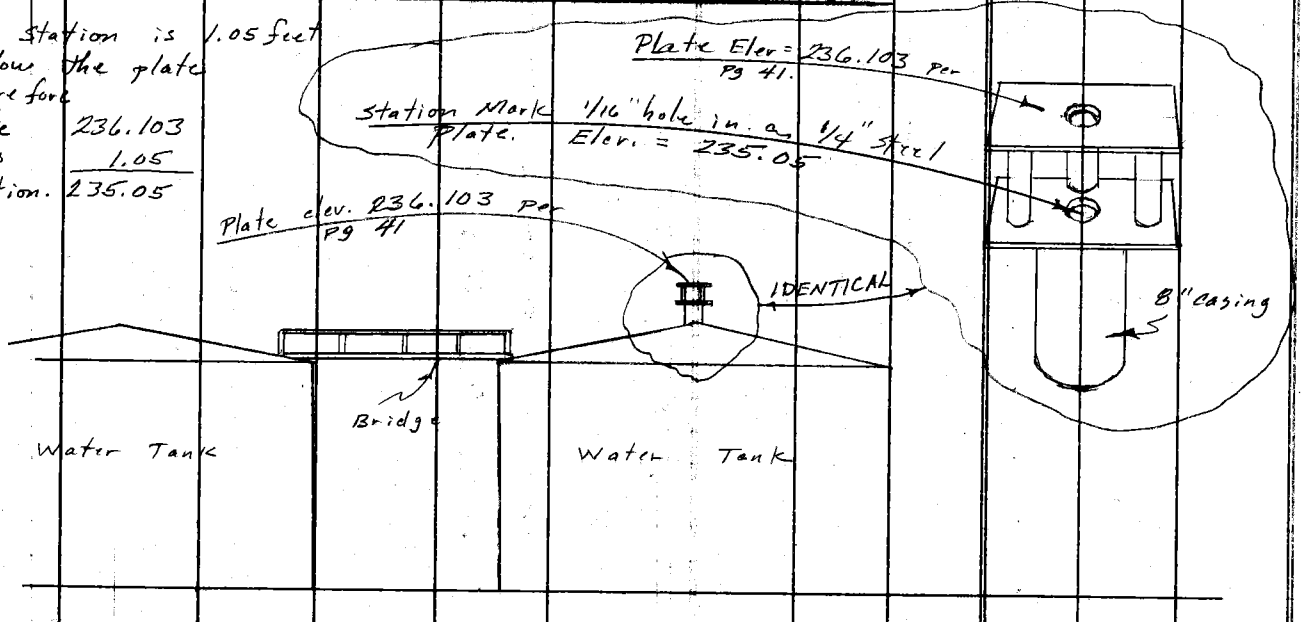
JOB NO. 0701.00 SURVEY OF Geodetic Control NOTES RED. DATE
SURVEY BY FEB Brooks NOTES CHKD. HILARIO
NOTES BY FEB DATE 26 Mar 74 DATE 2-74
INDEXED BY D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 42

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	191.402					
+	3.878					
=	195.280					
-	4.348					
PK in lead	190.932					PK in lead Elev. 190.922 per pg 39

DOMINGUEZ (COMPTON I-5 AUX 1)

The station is 1.05 feet below the plate
Therefore
Plate 236.103
meas 1.05
station. 235.05



REF. F.B. 939 - 83, 84, 164

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Cont.ol | F. B. 2462 PG. 43

DATE SURVEY BY F E Brooks

NOTES CHKD. NOTES BY F E B DATE 22 March 74

DATE INDEXED G. D. BAILEY DATE APR 2 8 1974

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76420 S & E-353 9-85

DESCRIPTION

S N 0301.00

GEODETIC CONTROL

ELEVATION

ON HARBOR GENERAL HOSPITAL

(COMPTON B-9 C)

ADJ. ELEV.

3RD RUN

F.B. 2455 pgs 131 and 257
show N & Co. Engr Tan Ties in Penthouse roof.
Did not dig through asphalt roofing (new)
for these points

2ND RUN

DIFF.

Brooks
Smith
Krohn

1ST RUN

B.M.

765420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 27 Mar 74 NOTES CHKD. HILARIO
INDEXED G. D. BAILEY DATE APR 26 1974 5-74

F.B. 2462 PG. 44

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM By 8491	42.329					BM By 8491 Elev. 42.329 Rd Dept (Gardena 1970)
+	5.748					Vermont Ave and 223rd St. S.E. Cor.
⊼	48.077	✓				40's & 80'E ℄ inter. 1'E. of BCR
−	6.144					RDBM N&Tag
BM By 8942	41.933	✓		→		
+	6.555				→	BM By 8492 Elev. 41.935 Rd. Dept (Gardena 1970)
⊼	48.488	✓				Vermont Ave and 223rd St. N E. Cor.
−	6.170					40'N & 80'E ℄ inter. 1 E. of BCR
TP 1	42.318	✓				RDBM N&Tag.
+	4.700					
⊼	47.018	✓				
−	5.423					
TP 2	41.595	✓				
+	4.903					
⊼	46.498	✓				
−	5.433					
TP 3	41.065	✓				
+	4.744					
⊼	45.809	✓				
−	5.358					
TP 4	40.451	✓				
+	5.104					
⊼	45.555	✓				
−	5.340					
TP 5	40.215	✓				
+	4.852					
⊼	45.067	✓				
−	5.313					
TP 6	39.754	✓				

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 6	39.754					
+	4.960					
π	44.714					
−	5.158					
TP 7	39.556					
+	5.004					
π	44.560					
−	5.306					
TP 8	39.254					
+	5.073					
π	44.327					
−	4.885					
TP 9	39.442					
+	3.440					
π	42.882					
−	1.040					
TP 10	41.842					
+	5.868					
π	47.710					
−	3.644					
set P.K. Spk	44.066					PK Spk in lead. center of Island of drive E. wing N. side.
+	3.547					
π	47.613					
−	5.770					
TP 11	41.843					
+	1.160					
π	43.003					
−	3.560					
TP 12	39.443					

NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geodetic Control F.B. 2462 PG. 45
DATE _____ SURVEY BY F.E. Brooks
NOTES CHKD. [illegible] NOTES BY FEB DATE 27 March 74
DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

768420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED. DATE
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 27 March 74 NOTES CHKD HILARIO DATE 3-27-74
INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2462 Pg. 46

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 12	39.443	✓				
+	4.878					
⊼	44.321	✓				
−	5.068					
TP 13	39.253	✓				
+	5.262					
⊼	44.515	✓				
−	4.960					
TP 14	39.555	✓				
+	5.120					
⊼	44.675	✓				
−	4.922					
TP 15	39.753	✓				
+	5.352					
⊼	45.105	✓				
−	4.890					
TP 16	40.215	✓				
+	5.330					
⊼	45.545	✓				
−	5.097					
TP 17	40.448	✓				
+	5.355					
⊼	45.803	✓				
−	4.743					
TP 18	41.060	✓				
+	5.359					
⊼	46.419	✓				
−	4.830					
TP 19	41.589	✓				

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 19	41.589					
+	5.410					
⊼	46.999					
−	4.684					
TP 20	42.315					
+	6.134					
⊼	48.449					
−	6.522					
BM By 8492	41.927					BM By 8492 Elev. 41.935 Rd. Dept (Gardena 1970) Vermont Ave and 223rd St. N.E. Cor. 40' N. & 80' E. of ℄ inter. 1' E of BCR RDBM N&Tag.
P.K. Spk	44.07		P.K. spk per pg. 45			
	112.11		+ meas.			
	156.18		Top of wall of main bldg over driveway.			
	0.84		+ meas.			
	157.02		mark on wall of Penthouse			
	19.66		+ meas			
	176.68		Top of Penthouse wall			
	4.64		+ Rod.			
	181.32		Inst. H.I. on Penthouse roof.			

Nails in Roof marked 4° o/s

	Nail S.	Nail E.	Nail N	Nail W
Inst. HI	181.32	181.32	181.32	181.32
Rod.	4.88	4.93	4.97	4.98
Elev. of Nails	176.44	176.39	176.35	176.34

OVER (see pg 48)

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD VILLARIO NOTES BY FEB DATE 27 March 1974
DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 47

765420 S & E-353 9-55

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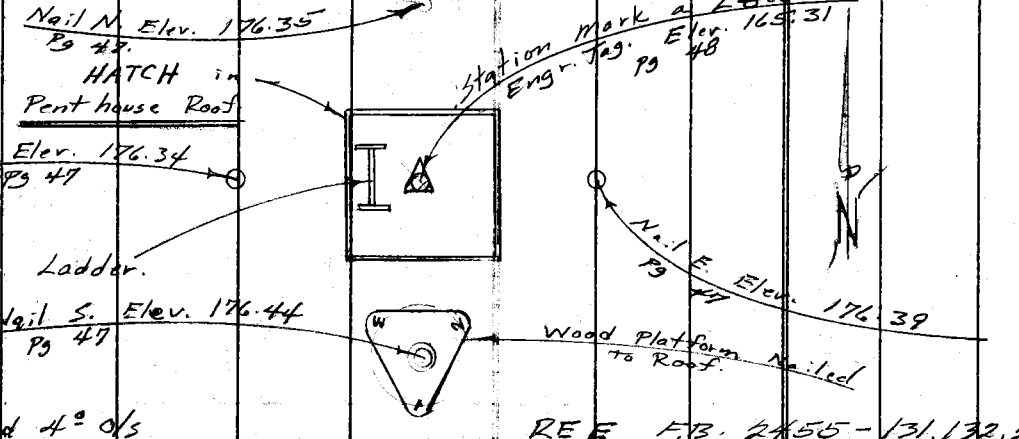
JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 27 March 74 NOTES CHKD.
INDEXED G. D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 48

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
		Hatch				
	4.215	Rod E. Rim				
	4.175	Rod W. Rim				
	8.390					
	4.195	Rod mean Rim			= 4.20	
	181.32	Inst. H.I.			per pg 47	
	4.20	- Rod.				
	177.12	mean rim elev.				
	11.81	- meas.				
L.A. Co. Engr. Tag	165.31	Elev. of station				HARBOR GENERAL HOSPITAL (COMPTON B-9C)

HARBOR GENERAL HOSPITAL (COMPTON B-9C)



Nails are marked 4" O/S

REF F.B. 2455 - 131, 132, 257, 258

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 49

DATE SURVEY BY F E Brooks

NOTES CHKD. NOTES BY F E B DATE 28 March 74

DATE INDEXED G. D. BAILEY DATE APR 26 1974

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						S N 0301.00
						GEODETIC CONTROL
						ELEVATION
						ON STADIUM
						(CLEARWATER H-9A)

Brooks
Smith
Krohn

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JOB NO. 0701.00 SURVEY OF Graduation Control NOTES RED.
SURVEY BY FEB Brooks DATE
NOTES BY FEB DATE 22 March 74 NOTES CHKD. HILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-76

F.B. 2462 Pg. 50

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 32-10A	38.326	✓				BM 32-10A Elev. 38.326' (1970 adj.)
+	5.175					F.B. 2865-9
⏊	43.501	✓				Carson St. and Heather Rd. 159' W of
−	5.026					Heather and 10' S of S. curb of Carson
TP 1	38.475	✓				S.E. Cor of S.E. Wing Wall of Bridge
+	5.024					# 53-566. & P.K. spk 0.4 N E'ly of
⏊	43.499	✓				U.S. C. & G.S. BM Disk.
−	5.020					
BM 32-9A	38.479	✓				BM 32-9A Elev. 38.481' (1970 adj.)
+	4.970					F.B. 3706-45
⏊	43.449	✓				Clark Ave and Carson St. N.E. Cor.
−	6.428					30' E. of E. Curb of Clark and 1.4' N.
TP 2	37.021	✓				of N. curb of Carson. a City of
+	5.084					L.B. brass disk set flush.
⏊	42.105	✓				
−	5.383					
TP 3	36.722	✓				
+	4.950					
⏊	41.672	✓				
−	5.265					
TP 4	36.407	✓				
+	4.317					
⏊	40.724	✓				
−	4.600					
TP 5	36.224	✓				
+	5.500					
⏊	41.724	✓				
−	4.990					
TP 6	36.734	✓				

765420 S & E-353 9-55

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NOTES RED _____ JOB NO. 0381.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY FE Brooks
NOTES CHKD. [illegible] NOTES BY F.E.B. DATE 28 March 74
DATE 5-(-74 INDEXED L.D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 51

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 6	36.734	✓				
+	5.104					
=	41.838	✓				
−	4.742					
TP 7	37.096	✓				
+	5.242					
=	42.338	✓				
−	5.444					
TP 8	36.894	✓				
+	5.493					
=	42.387	✓				
−	5.405					
ret. Sm Bt SpK	36.982					Sm. Bt. SpK & T in pvmt. at N.W. Cor. of Long Beach Veteran's Memorial Stadium. (See 79 53)
+	5.470					
=	42.452	✓				
−	5.565					
TP 9	36.897					
+	5.313					
=	42.210					
−	5.113					
TP 10	37.097	✓				
+	4.660					
=	41.757	✓				
−	5.027					
TP 11	36.730	✓				
+	4.892					
=	41.622	✓				
−	5.404					
TP 12	36.218	✓				

768420 S & E-353 9-55

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JOB NO. 030/00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brundick DATE
NOTES BY FE 13 DATE 28 March 74 NOTES CHKD. Hillario
INDEXED G. D. BAILEY DATE APR 26 1974 DATE 5-2-74

F.B. 2462 Pg. 52

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 12	36.218					
+	4.482					
=	40.700					
−	4.300					
TP 13	36.400					
+	5.255					
=	41.655					
−	4.942					
TP 14	36.713					
+	5.264					
=	41.977					
−	4.965					
TP 15	37.012					
+	6.480					
=	43.492					
−	5.018					
BM 32-9A	38.474					BM 32-9A Elev. 38.481 (1970 adj.)
						FB 3706-45
						Clark Ave and Carson St. NE Cor. 30' E
						of E curb of Clark and 1.4 ft. N. of
						N. curb of Carson St. City of L.B.
						Brass disk set flush.
				CONT.	on Pg 53	

76S420 S & E-353 9-55

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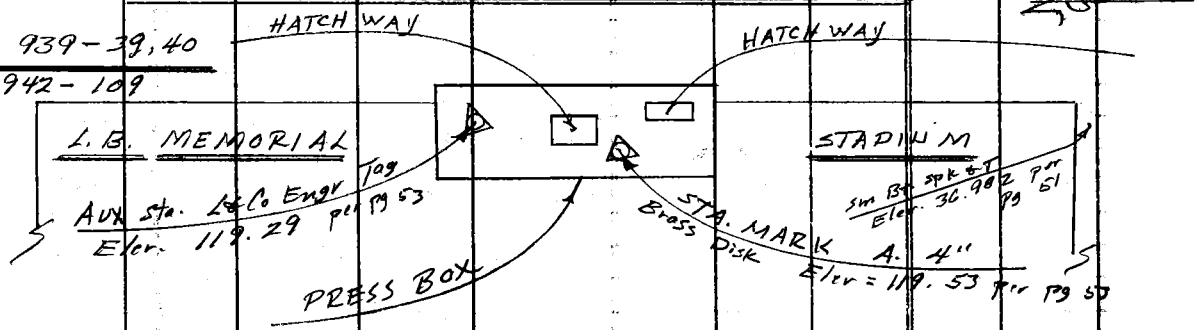
B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Sm Bt Spk	36.98		Sm. Bt. Spk and T per pg 51			
	63.21		+ meas.			
	100.19		edge of wall of stadium			
	1.74		+ Rod			
	101.93		pencil mark on wall of Press box			
	17.47		+ meas.			
	119.40		edge of roof of Press Box			
	5.31		+ Rod.			
	124.71		Inst H.I. on roof of Press box.			

Station	CLEAR WATE H-9A	CLEAR WATE H-9A AUX 1
Inst. H.I.	124.71	124.71
Rod.	-5.18	-5.42
Sta. Elevations.	119.53	119.29

STADIUM (CLEAR WATER H-9A)

REF. F.B. 939-39,40
FB 942-109



NOTES RED. ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD. HILARIO NOTES BY FE B DATE 28 March 74
DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 53

F. B. 2462 PG. 54

JOB NO. ______ SURVEY OF ______ NOTES RED. ______

SURVEY BY ______ DATE ______

NOTES BY ______ DATE ______ NOTES CHKD. ______

INDEXED ______ DATE ______ DATE ______

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

Do not extend notes this side of this line

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768420 S & E-353 9-55

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 55

DATE SURVEY BY FE Brooks

NOTES CHKD. NOTES BY FEB DATE 28 March 74

DATE INDEXED G. D. BAILEY DATE APR 26 1974

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

S.N. 0301.00

GEODETIC CONTROL

ELEVATION

on DAWSON

(CLEARWATER E-12, AUX 2

NOTE:

ELEVATIONS WERE RUN FROM STA. "IOWA 1933". ADJUSTED ELEVATION 1961 = 327.469. SUBSEQUENT INFORMATION ("IOWA 1933" ADJUSTED ELEVATION 1971 = 327.377) CORRECTIONS SHOWN ON PAGES Nº 56, 57, 58, 59

Brooks
Smith
Krohn

765420 S & E-353 9-55

768420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED. DATE
SURVEY BY FE Brunics DATE 28 March 74 NOTES CHK. R. HILARIO 5-2-74
NOTES BY FE B DATE APR. 26 1974
INDEXED G. D. BAILEY DATE
F.B. 2462 PG. 56

B.M.	1ST RUN 1941 ADJ	DIFF. CORRECTION	2ND RUN 1971 ADJ	CORRECTION	ADJ. ELEV.	DESCRIPTION
BM 1149-A	327.469		327.377	MINUS	0.092	327.377 (1971) ✓ BM 1149 A Elev. 32[illegible] City of L.B. Dawson Ave and 23rd St. 31.7' S and 3.5' E. of E inter. a 4" Triangulation Disk stamped 10 WA 1933
+	7.724					
⊼	335.193 ✓					
−	5.320					
BM 1149	329.873	-0.092	329.781 ✓			329.812 (1971) ✓ BM 1149 Elev. [illegible] Dawson Ave and 23rd St. N.E. Cor. 15.4E of E ob. of Dawson and 26.0' N. of ℄ 23rd St a 4" Ref. Disk stamped 10 WA No 1 1933
+	5.398					
⊼	335.271 ✓					
−	5.357 ✓					
BM 1149-B	329.914	-0.092	329.822 ✓			329.858 (1971) ✓ BM 1149-B Elev. 32[illegible] Dawson Ave and 23rd St. S.E. Cor. 52.9' E. and 25.4' S of ℄ inter. a 4" Triangulation Disk stamped Dawson Aux 1934 RE 2177 REF MARK No 3
+	5.472					
⊼	335.386 ✓					
−	0.570					
TP 1	334.816 ✓					
+	9.580					
⊼	344.396 ✓					
−	3.020					
BM 1150	341.376	-0.092	341.284 ✓			341.305 (1971) ✓ BM 1150 Elev. 341.376 Raymond Ave. and 23rd St. S curb of 23rd St. 1' E. of W. end of cb. a L & T.
+	9.600					
⊼	350.976 ✓					
−	0.470					
TP 2	350.506 ✓					
+	10.282					
⊼	360.788 ✓					
−	3.480					
DAWSON	357.308	-0.092	357.216 ✓			DAWSON (CLEARWATER E-12 AUX 2)

768420 S & E-353 9-55

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NOTES RED _____ JOB NO. 2301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY ERE Brooks
NOTES CHKD. BY CHARLES HUABEL DATE 28 March 74
DATE 5-7-74 INDEXED G.D. BAILEY DATE APR 29 1974

F. B. 246 PG. 57

B.M.	1ST RUN 1961 ADS	DIFF. CORRECTION	2ND RUN 1971 ADS	3RD RUN	ADJ. ELEV.	DESCRIPTION
DAWSON	357.308	-0.092	357.216			DAWSON (CLEARWATER E-12 AUX 2)
+	3.598					Signal Hill, Junipero Ave and 23rd
=	360.906					St. N.W. Cor. 220' N and 55.5' W. of
-	10.400					℄ inter. a ¾" Brass Triangulation Disk
TP 3	350.506					10" dn. (see pg 58)
+	0.497					
=	351.003					
-	9.625					
TP 4	341.378					
+	2.180					
=	343.558					
-	8.740					
TP 5	334.818					
+	1.125					
=	335.943					
-	6.025					
BM 1149B	329.918	-0.092	329.826			BM 1149B Elev. 329.858 (1971) ~~329.912~~ City of L.B. Dawson Ave & 23rd St. S E Cor. 52.9 E and 25.4 S. of ℄ inter. ¾" Triang. disc set flush.
DAWSON	357.308	-0.092	357.216			DAWSON (CLEARWATER E-12 AUX 2)
+	4.888					Elev. 357.308 per pg 57
=	362.196					
-	7.014					
RM 1	355.182	-0.092	355.090			(see pg 58)
+	7.062					
=	362.244					
-	6.707					
RM 2	355.537	-0.092	355.445			(see pg 58)

76S420 S & E-353 9-55

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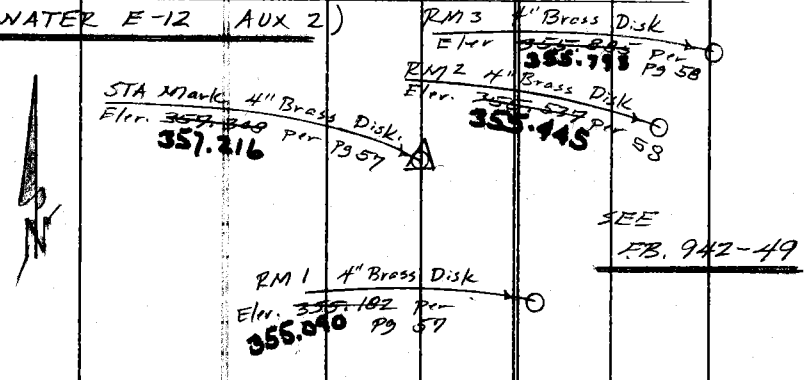
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN 1961 ADJ	DIFF. CORRECTION	2ND RUN 1971 ADJ	3RD RUN	ADJ. ELEV.	DESCRIPTION
RM 2	355.537	-0.092	355.445		(see this pg)	
+	6.802					
⊼	362.339					
−	6.454					
RM 3	355.885	-0.092	355.793		(see this pg)	
+	6.494					
⊼	362.379					
−	5.070					
DAWSON	357.309	-0.092	357.217			DAWSON (CLEARWATER E-12 AUX 2) Elev ~~357.308~~ per pg 57 357.216
DAWSON.	357.22 ~~357.31~~		Elev. per pg 57			
	50.62		+ meas.			
	~~407.93~~ 407.84		Elev. Top of plate of inner tower.			(see pg 59)

DAWSON (CLEARWATER E-12 AUX 2)



SEE F.B. 942-49

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY F.E. B. Brooks DATE
NOTES BY F.E. B. DATE 1 April 74 NOTES CK HILARIO
INDEXED G. D. BAILEY DATE APR 26 1974 DATE 5-6-74

F.B. 2462 PG. 58

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 59
DATE SURVEY BY F E Brooks
NOTES CHKD. HILARIO NOTES BY FEB DATE 1 April 74
DATE 5-6-74 INDEXED G. D. BAILEY DATE APR 26 1974

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

DAWSON (CLEARWATER E-12 AUX 2)

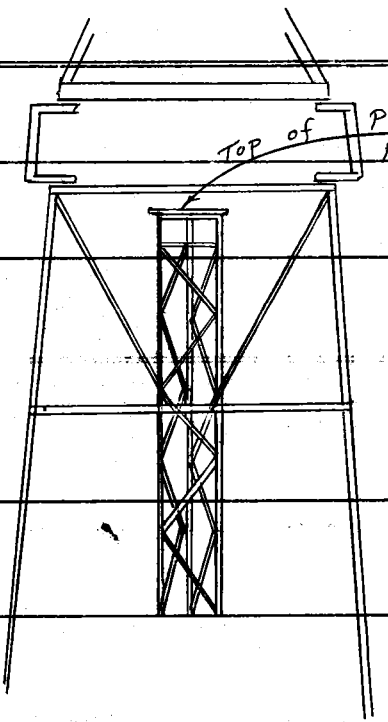


Plate is 0.02 Thick

Top of tower
~~407.84~~
~~407.93~~
-0.02
~~407.91~~
407.82

SEE FB 942-49

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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76420 S & E-353 9-55

F. B. 2462 PG. 60

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

765420 S & E-353 9-53

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

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

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 61

DATE SURVEY BY F E Brooks

NOTES CHKD. NOTES BY F E B DATE 1 Apr. 74

DATE INDEXED G. D. BAILEY DATE APR 26 1974

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

Do not extend notes this side of this line

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						S.N. 0301.00
						GEODETIC CONTROL
						ELEVATION
						ON VETERANS HOSPITAL
						(LONG BEACH J-3A AUX 1)

Brook
Smith
Creason
Krohn

768420 S & E-353 9-55

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 30-26B	74.507					BM 30-26B Elev. 74.507 ✓ 1970 adj. F.B. 3705 - 160 Pacific Coast Hwy and Bellflower Blvd. ℄ of Bellflower and W. lanes of Coast Hwy. a 4" Brass Disc in a well
+	6.294					
⊼	80.801 ✓					
−	5.613					
TP. 1	75.188 ✓					BM 30-25A Elev. 76.407 ✓ 1970 adj. F.B. 3705 - 159 1396 - 166 ~~Pacific Coast Hwy, Bellflower Blvd, and Manila Ave N.E. Cor.~~ Destroyed ~~Const~~ 66' N. of ℄ Coast Hwy and 44.7 E. of ℄ of Bellflower Blvd. a 4" Brass Disc in a conc post.
+	6.944					
⊼	82.132 ✓					
−	3.295 ✓					
T.P. 2	78.837					
+	4.582					
⊼	83.419 ✓					
−	6.114					
TP 3	77.305 ✓					
+	4.890					
⊼	82.195 ✓					
−	5.555 ✓					
TP 4	76.640					
+	6.460					
⊼	83.100 ✓					
−	4.173					
set P.K. Spk.	78.927 ✓					P.K. Spk. W. side of Main Bldg 5 ft. N. of ambalance admintance entrance. in S. wall of Vent shaft.
+	4.235					
⊼	83.162 ✓					
−	6.523					
TP 5	76.639 ✓					

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY F.E. Brooks DATE
NOTES BY F. DATE 1 Apr. 74 NOTES CH'D HILARIO
INDEXED G. D. BAILEY DATE APR 26 1974 DATE 3-6-74

F.B. 2462 PG. 62

768420 S & E-353 9-55

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

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

Do not extend notes this side of this line

NOTES RED _____ JOB NO. 0301.00 SURVEY OF Pacific Control
DATE _____ SURVEY BY EEB Brooks
NOTES CHKD. HILARIO NOTES BY _____ DATE 4 Apr. 74
DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2412 PG. 63

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 5	76.639					
+	5.475					
⊼	82.114					
-	4.813					
TP C	77.301					
+	6.255					
⊼	83.556					
-	4.767					
TP 7	78.789					
+	3.533					
⊼	82.322					
-	7.202					
TP 8	75.120					
+	5.730					
⊼	80.850					
-	6.342					
BM 30-26 B	74.508					BM 30-2C B Elev. 74.507 / 1970 adj. F.B. 3705 - 16 Pac. F.C

768420 S & E-353 9-55

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED. DATE
SURVEY BY FEB Brooks NOTES CK'D MILARIO DATE 2-6-74
NOTES BY FEB DATE 1 April '74
INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 64

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
PK spk	78.93 ✓		In S. wall of Vent shaft. per pg 62.			
	25.23 ✓		+ meas.			
	104.16 ✓		Top of 1st roof.			
	4.85 ✓		+ rod.			
	199.01 ✓		pencil mark on wall			
	100.78 ✓		+ meas.			
	209.79 ✓		Top of 2nd roof.			
	4.80 ✓		+ rod			
	214.59 ✓		pencil mark on Penthouse wall			
	21.65 ✓		+ meas.			
	236.24 ✓		Top of wall of Penthouse.			
	4.32 ✓		+ rod.			
	240.56 ✓		Inst. H.I. on Penthouse roof.			
			Station		West. N&C. Engr Tag	East. N&C Engr tag
	H.I.		240.56		240.56	240.56
	Rod.		5.08		4.29	4.29
	Elev.		235.48 ✓		236.27 ✓	236.27 ✓

(see pg 65)

768420 S & E-353 9-55

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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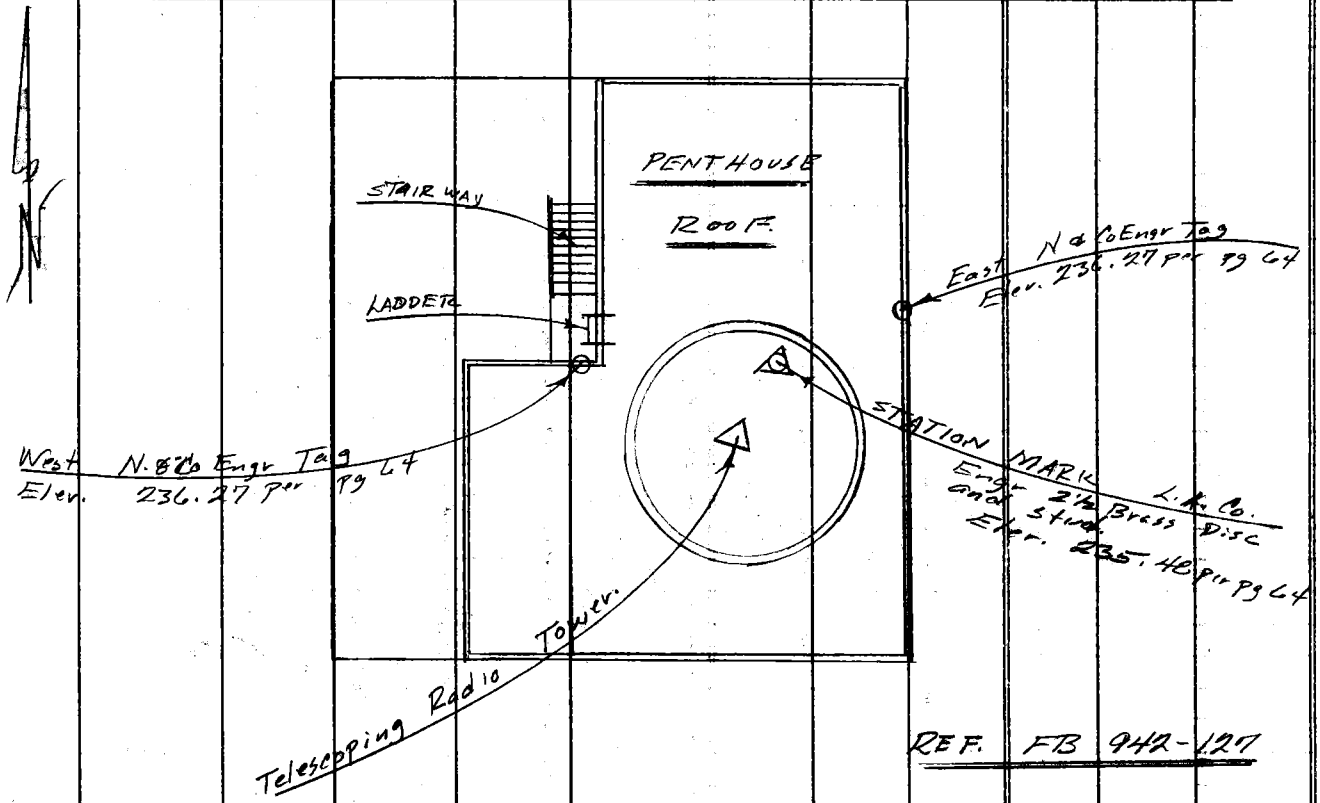
Do not extend notes this side of this line

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

VETERANS HOSPITAL (LONG BEACH J-3A AUX 1)



REF. FB 942-127

NOTES RED _____ JOB NO 0301.00 SURVEY OF Geodetic (Control) F.B. 2467 PG. 65
DATE _____ SURVEY BY FEB Brooks DATE April 74
NOTES CHKD. _____ NOTES BY FEB DATE April 74
DATE _____ INDEXED & D. BAILEY DATE APR 26 1974

F. B. 2462 PG. 66

JOB NO. _____ SURVEY OF _____ NOTES RED. _____

SURVEY BY _____ DATE _____

NOTES BY _____ DATE _____ NOTES CHKD. _____

INDEXED _____ DATE _____ DATE _____

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

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.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

785420 S & E-353 9-55

NOTES RED _____ JOB NO 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 67

DATE _____ SURVEY BY FE Brooks

NOTES CHKD. _____ NOTES BY FEB DATE 2 Apr. 74

DATE _____ INDEXED G. D. BAILEY DATE APR 8 0 1974

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SN 0301.00

GEODETIC CONTROL

ELEVATION

ON L.B. FREEWAY OVERPASS

(COMPTON L-12A AUX 1)

Brooks
Smith
Knolan.

76420 S & E-353 9-55

765420 S & E-353 9-55

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Do not extend notes this side of this line

JOB NO. 231.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FEB Brooks DATE
NOTES BY FEB DATE 2 Apr 74 NOTES CHKD. B. HILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-7-74

F.B. 2462 Pg. 18

B.M.	1ST RUN 73 adj.	DIFF CORR	2ND RUN 74 adj.	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 987	17.437	-.010	17.427			BM 987 Elev. (17.437 73)
+	5.653					Willow St. and Baltic Ave. N.E. Cor.
⊼	23.090					L&T in C.B. 37.0 ft. N. of Cntr. line
−	5.024					(17.427 74 adj.)
TP 1	18.066					
+	4.940					
⊼	23.006					
−	5.292					
TP 2	17.714					
+	4.590					
⊼	22.304					
−	5.282					
TP 3	17.022					
+	4.862					
⊼	21.884					
−	5.364					
BM 327	16.524	-.010	16.510			BM 327 Elev. 16.517
+	5.664					Willow St. and Delta Ave. N.E. Cor.
⊼	22.188					P.C.C. Cylinder, brass Knob. 30.5' E. of
−	4.623					curb. 2.4 N. of curb.
TP 4	17.565					(16.502 74 adj.)
+	5.082					
⊼	22.647					
−	4.812					
TP 5	17.835					
+	5.313					
⊼	23.148					
−	3.223					
TP 6	19.925					

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN 73 adj	DIFF.	2ND RUN 74 adj	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 6	19.92~~5~~1					
+	8.190					
⊼	28.11~~5~~1					
−	1.387					
TP 7	26.72~~8~~4					
+	11.015					
⊼	37.7~~43~~39					
−	0.580					
TP 8	37.1~~63~~59					
+	7.252					
⊼	44.41~~5~~1					
−	5.631					
Com L-12 A	38.78~~4~~0	-010	38.770			Compton L-12 A. Long Beach Freeway, Los Angeles River and Willow St. on medium strip of Willow between the River and the Frwy. a 4" Brass Disk in a well. (see pg 70)
+	5.618					
⊼	44.~~402~~398					
−	5.497					
L.B. Frwy over pass	38.90~~5~~1	.010	38.891			L.B. Freeway Over pass (COMPTON L-12 A AUX 1") Long Beach Freeway & Willow St. N.E. Cor. 5.8' W. of W. curb of off ramp. 87.5' N. of N. curb. of medium strip 4" brass disk set Flush in conc. (see pg 70)
+	4.618					
⊼	43.5~~23~~19					
−	6.360					
TP 9	37.1~~63~~59					
+	0.590					
⊼	37.7~~59~~49					
−	11.024					
TP 10	26.72~~8~~5					

NOTES RED ____ JOB NO. 0301.02 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHK'D ____ NOTES BY FEB DATE 2 Apr. 74
DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 69

768420 S & E-353 9-55

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

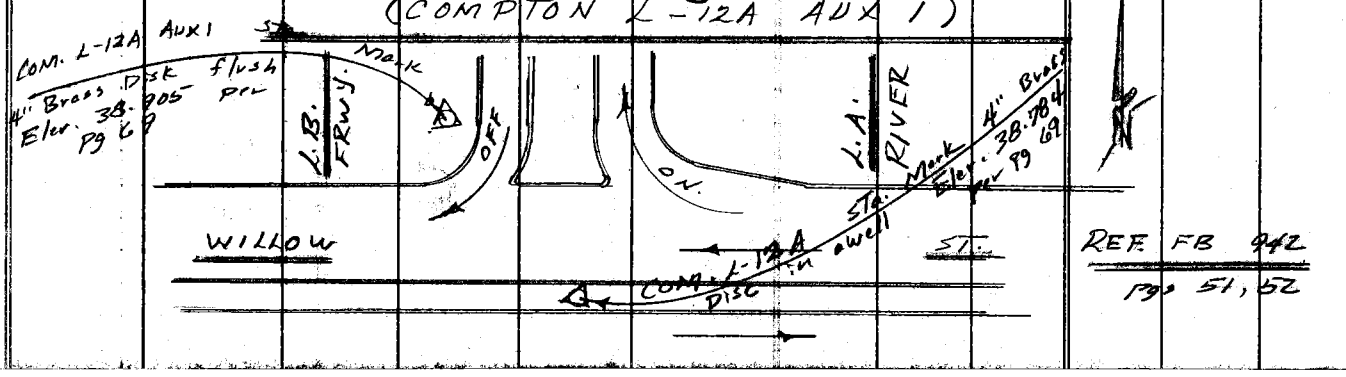
Do not extend notes this side of this line

JOB NO. 030.00 SURVEY OF Geodetic Control
SURVEY BY FE Brooks
NOTES BY FEB DATE 24 April 74
INDEXED G.D. BAILEY DATE APR 26 1974
NOTES CHKD. HILARIO DATE 5-6-74
NOTES RED. DATE

F.B. 942 PG. 70

B.M.	1ST RUN 73adj	DIFF. CORR	2ND RUN 70adj	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 10	26.728	4				
+	1.559					
⏊	28.288	4				
−	8.182					
TP 11	20.106	2				
+	3.000					
⏊	23.106	2				
−	5.268					
TP 12	17.838	2				
+	4.878					
⏊	22.718	2				
−	5.147					
TP 13	17.568	4				
+	4.695					
⏊	22.264	0				
−	5.734					
BM 329	16.530	26 010	16.516			BM 327 Elev. 16.517

LONG BEACH FREEWAY OVER PASS
(COMPTON L-12A AUX 1)



NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 71

DATE SURVEY BY F E Brooks

NOTES CHKD. NOTES BY F E B DATE 2 Apr 74

DATE INDEXED G. D. BAILEY DATE APR 26 1974

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

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

E.N. 0391.00

GEODETIC CONTROL

ELEVATION

ON PROCTOR and GAMBLE

(WILMINGTON K-4)

Note the BMs used for this station are based on M.L.L.W.

Brooks
Smith
Krahn.

768420 S & E-353 9-55

765420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED. DATE
SURVEY BY F.E. Brooks DATE
NOTES BY E.S.B. DATE 24 April 74 NOTES CHECKED DATE 5-2-74
INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 72

B.M.	1ST RUN MLLW	DIFF. COR.	2ND RUN M.S.L.	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 1514	1.573	+2.77	-1.197			BM 1514 Elev 1.573' (MLLW) Port of Long Beach Procter and Gamble Property Cor. 3545' W'ly along 7TH St. from W. line Pico Ave. 21.3' S. and 10' West of S.W. Co. of P&G Meat house a 4" brass disc flush marked Procter and Gamble Property Corner.
+	5.742					
⊼	7.315 ✓					
−	4.976					
TP 1	2.339 ✓					
+	5.962					
⊼	8.301 ✓					
−	3.602					
BM 1539	4.699	+2.77	1.979			BM 1539 Elev. 4.700 (MLLW) Port of Long Beach. General Petroleum P.E. Community Well No 1 20' S. of ℄ of 7TH St. 3090' S.W. of W. line of Pico Ave. a chis knob in the S.W. Cor. of well pad
+	4.004					
⊼	8.703 ✓					
−	3.550					
BM 1538	5.153	+2.77	2.433			BM 1538 Elev. 5.157 (MLLW) Port of Long Beach General Petroleum P.E. Community Well No. 2. 10' S. of the ℄ of 7TH St. and 2930' S.W. of the W. line of Pico Ave. a chis. cut in the easterly corner of a nut for a 2½" bolt.
+	4.208					
⊼	9.361 ✓					
−	0.327					
+ on landing	9.034 ✓					+ on landing see pg 73

76S420 S & E-353 9-55

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Do not extend notes this side of this line

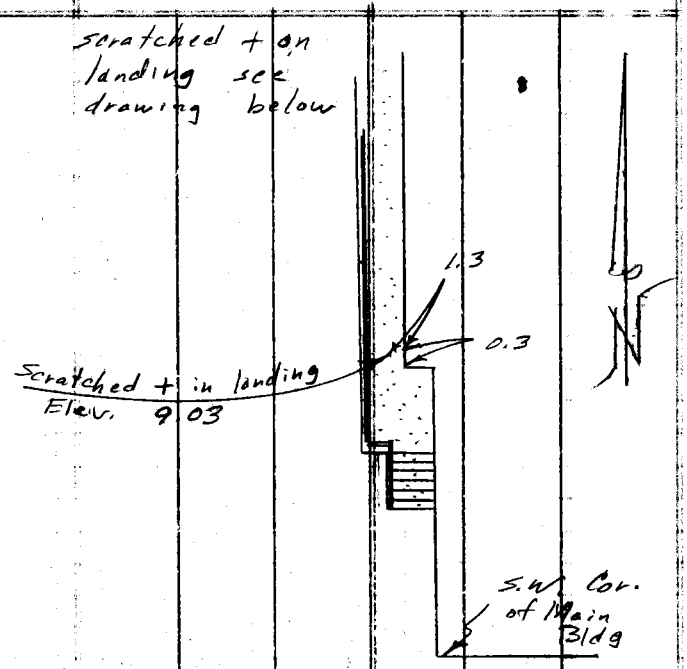
1.3
0.3

NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY EE Brooks
NOTES CHK'D R. HILARIO NOTES BY EE B. DATE 2 April 74
DATE 5-2-74 INDEXED G.D. BAILEY DATE APR 28 1974

F.B. 442 PG. 73

B.M.	1ST RUN MLLW	DIFF. CORR	2ND RUN MSL	3RD RUN	ADJ. ELEV.	DESCRIPTION
+ in landing	9.034	2.7V	6.314			
+	0.377					
T	9.411					
−	4.260					
BM 1538	5.151	2.7V	2.431			

Scratched + on landing see drawing below



BM 1538 Elev. 5.157 (MLLW) Port of Long Beach.
General Petroleum P.E. Community well No 2 See Pg 72

768420 S & E-353 9-55

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

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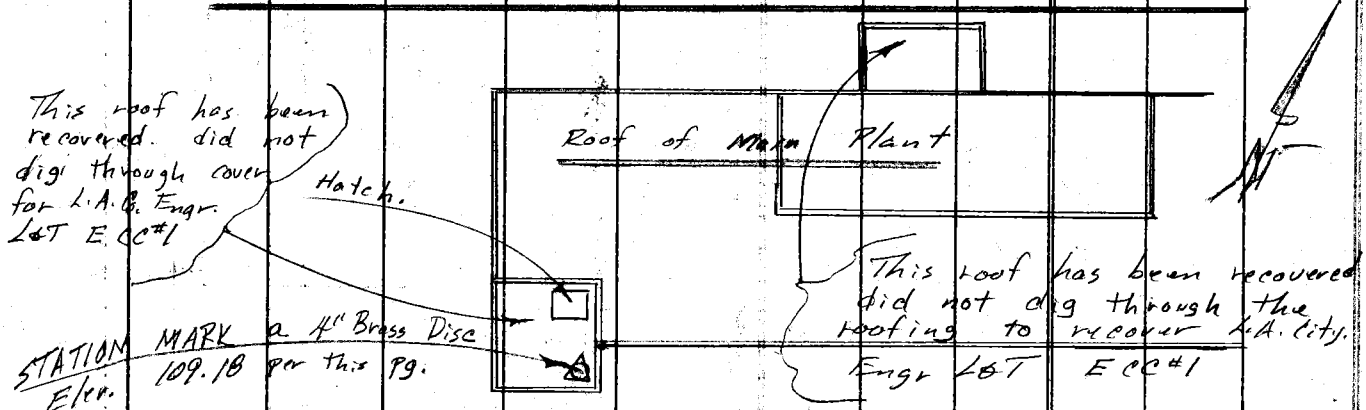
Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY E.E. Brooks DATE
NOTES BY F.E.B. DATE 22 April 74 NOTES CHKD HILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-74

F.B. 2462 PG. 74

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
ton landing	9.03		Scratched + on landing per pg 73			
	85.99		+ meas.			
	95.02		Top 1st Wall			
	1.35		+ rod			
	96.37		mark on wall			
	17.86		+ meas.			
	114.23		Top 2nd Wall			
	0.39		+ Rod			
	114.62		Inst. H.I.			
	5.44		- rod			
MLLW	109.18		Elev. Proctor and Gamble (Wilmington K-4)			
CAR.	+ 2.72					
M.S.L.	106.46					

PROCTOR AND GAMBLE (WILMINGTON K-4)



REF. FB 932 - 275; 296
FB 942 - 63

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control F. B. 2462 PG. 75

DATE SURVEY BY FE Brooks

NOTES CHKD. NOTES BY FEB DATE 3 April 74

DATE INDEXED G. D. BAILEY DATE APR 26 1974

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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76420 S & E-353 9-55

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						6N 0301.00
						GEODETIC CONTROL
						ELEVATIONS
						ON SEAL BEACH
						(LONG BEACH K-70)

Brooks
Smith
Kroha.

76842D S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 3 Apr. 74 NOTES CHKD HILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-74

F. B. 2422 PG. 76

B.M.	1ST RUN 73 adj.	DIFF. CORR	2ND RUN 74 adj.	3RD RUN	ADJ. ELEV.	DESCRIPTION
C.L.B. BM 1139	7.410	1.030	7.380			C.L.B. BM 1139 Elev. 7.410 Aug 73 adj. Marina Dr. and 5th Ave. N.W. Cor. L&T in curb. 2.0' W. of curb returns. Note new st. descriptions.
+	5.045					
⏊	12.455	✓				
−	5.220					
TP 1	7.235	✓				
+	5.002					
⏊	12.237	✓				
−	5.702					
TP 2	6.535	✓				
+	5.477					
⏊	12.012	✓				
−	5.173					
TP 3	6.839	✓				
+	5.083					
⏊	11.922	✓				
−	5.444					
TP 4	6.478	✓				
+	5.317					
⏊	11.795	✓				
−	5.286					
C.L.B. BM 1138	6.509	1.030	6.479			C.L.B. BM 1138 Elev. 6.494 Aug 73 adj. Marina Dr. and 2nd St. S.E. Cor. L&T in curb. 1.0' E. of curb returns. Note new street descriptions. 6.473 74 adj.
+	5.433					
⏊	11.942	✓				
−	4.968					
TP 5	6.974	✓				
+	3.825					
⏊	10.799	✓				
−	3.892					
TP 6	6.907	✓				

765420 S & E-353 9-55

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NOTES RED _____ JOB NO. 0301.00 SURVEY OF Grade & Control
DATE _____ SURVEY BY FE Brooks DATE 3 Apr. 74
NOTES CHKD. B. HILARIO NOTES BY FE B DATE 3 Apr. 74
DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974
F.B. 2412 PG. 77

B.M.	1ST RUN	DIFF.	2ND RUN 74 Adj.	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 6	6.907					
+	4.108					
=	11.015					
-	5.458					
TP 9	5.557					
+	9.313					
=	14.870					
-	1.024					
CLB. BM 1129	13.846	.030	13.816			CLB. BM 1129 Elev. 13.824 Aug 73 adj. Marina Dr. and San Gabriel River. N.E. Corner. 2" Brass disc set in N. walkway of bridge over E abutment. marked C.L.B. BM No 1129 RE 3111 1961
+	0.788					Note new street description
=	14.634					13.813 74 adj.
-	9.075					
TP 8	5.559					
+	5.640					
=	11.199					
-	4.330					
TP 9	6.869					
+	5.256					
=	12.125					
-	5.076					
TP 10	7.049					
+	7.634					
=	14.683					
-	3.248					
TP 11	11.435					
+	6.420					
=	17.855					
-	4.382					
TP 12	13.473					

765420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY FE Brooks
NOTES BY FEB DATE 3 April 74
INDEXED G.D. BAILEY DATE APR 26 1974
NOTES RED. DATE
NOTES CHKD HILARIO DATE 5-6-74
F.B. 2462 Pg. 78

B.M.	1ST RUN	DIFF. Corr	2ND RUN 7400	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 12	13.473					
+	6.261					
↑	19.734	/				
−	4.283					
TP 13	15.451	/				
+	5.684					
↑	21.135	/				
−	6.358					
TP 14	14.777	/				
+	8.040	/				
↑	22.817					
−	3.214					
L.B. E-7	19.603	.030	19.573			SEAL BEACH (LONG BEACH K-7 AUX 3) a Lg Bt. Spk w 6T flush in old abondoned road way. (See Pg 81)
+	3.106					
↑	22.709	/				
−	7.931	/				
TP 15	14.778					
+	6.205	/				
↑	20.983					
−	4.267	/				
TP 16	16.716					
+	1.486	/				
↑	18.202					
−	10.710					
TP 17	7.492	/				
+	3.702					
↑	11.194	/				
−	5.470	/				
TP 18	5.724					

769420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF. CORR	2ND RUN 74001	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 18	5.724					
+	4.434					
⊼	10.158	✓				
−	5.218					
L.B. K-7D.	4.940	-.030	4.910			SEAL BEACH (LONG BEACH K-7D) a Lg B+. spk W. of T in parking lot. (See Pg 81)
+	5.284					
⊼	10.224	✓				
−	5.304					
L.B. K-7D AUX-2	4.920	-.030	4.890			SEAL BEACH (LONG BEACH K-7D AUX 2) a 4" Brass Disc in a conc post flush- 1.5' S. of S. edge parking lot. (See Pg 81)
+	5.359					
⊼	10.279	✓				
−	4.546	✓				
TP 19	5.733					
+	5.552					
⊼	11.285	✓				
−	3.782					
TP 20	7.503	✓				
+	11.237					
⊼	18.740	✓				
−	2.003					
TP 21	16.737	✓				
+	4.516					
⊼	21.253	✓				
−	5.780					
TP 22	15.473	✓				
+	4.223					
⊼	19.696	✓				
−	6.203					
TP 23	13.493	✓				

NOTES RED _____ JOB NO. 030100 SURVEY OF Geodetic Control
DATE _____ SURVEY BY FE Brooks F.B. 2462 Pg. 79
NOTES CHKD _____ NOTES BY FEB DATE 3 April 74
DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF. CORR	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 23	13.493					
+	4.188					
⊼	17.685					
−	6.225					
TP 24	11.456					
+	3.246					
⊼	14.702					
−	7.616					
TP 25	7.086					
+	5.138					
⊼	12.224					.901
−	5.398					.846
TP 26	6.826					.055
+	4.310					
⊼	11.136					
−	5.530					
TP 27	5.606					
+	6.515					
⊼	12.121					
−	1.754					
TP 28	10.367					
+	7.462					
⊼	17.829					
−	3.962					
C.L.B. BM 1129	13.867	6.030	13.837			C.L.B. BM 1129 Elev. 13.824 Aug 73 adj. Marina Dr. and San Gabriel River. N.E. Cor. 2" Brass disc set in N. walkway of bridge over E abutment marked CLB BM 1129 RE 3111 1962

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY F.E.B. Brooks DATE
NOTES BY F.E.B. DATE 3 April 74 NOTES CHECKED R. HILARIO
INDEXED G. D. BAILEY DATE APR 26 1974 DATE 2-6-74

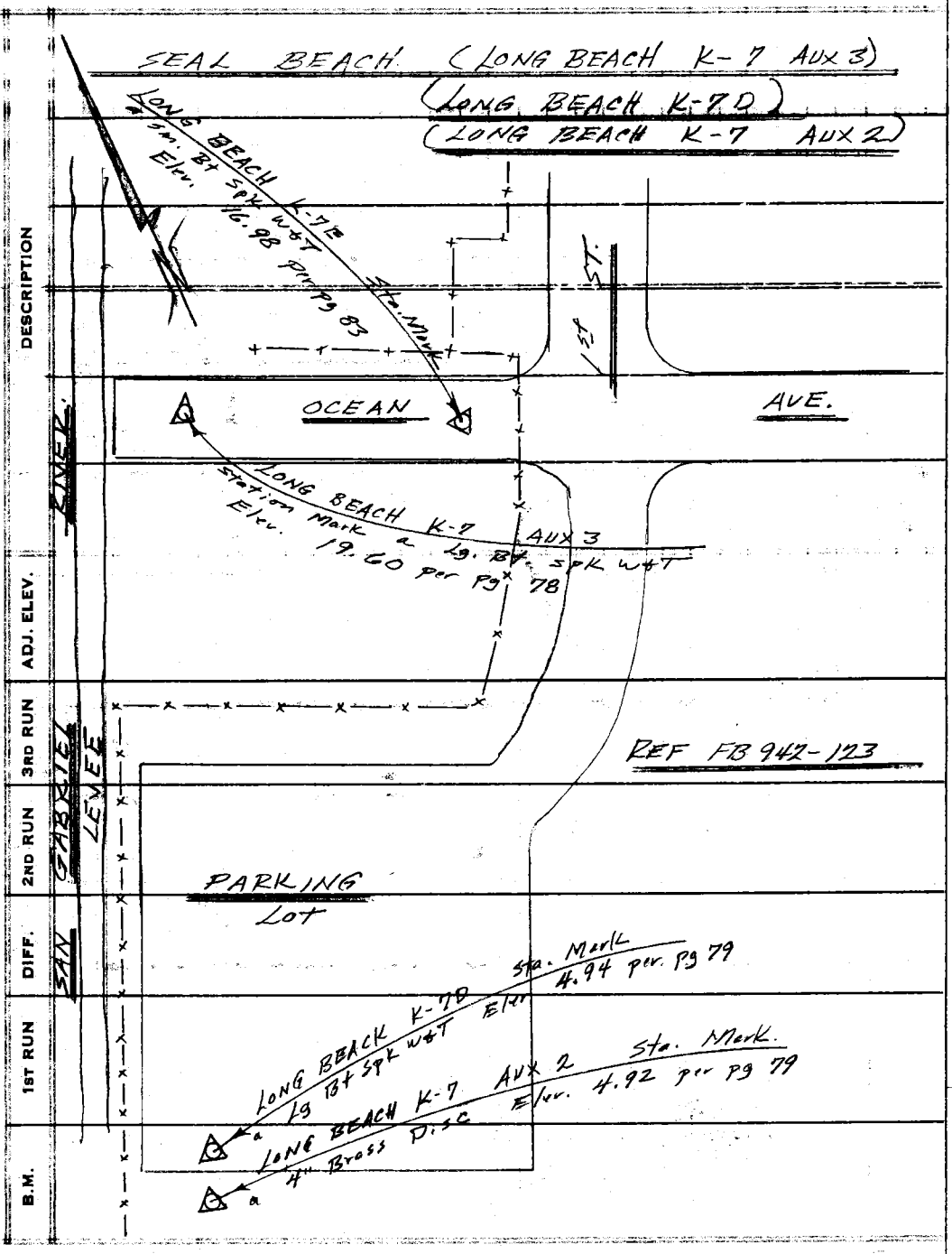
F. B. 2462 PG. 80

NOTES RED. _____ JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 81

DATE _____ SURVEY BY FE Brooks

NOTES CHKD. _____ NOTES BY FEB DATE 3 April 74

DATE _____ INDEXED G. D. BAILEY DATE APR 26 1974



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700 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

76S420 S & E-353 9-55

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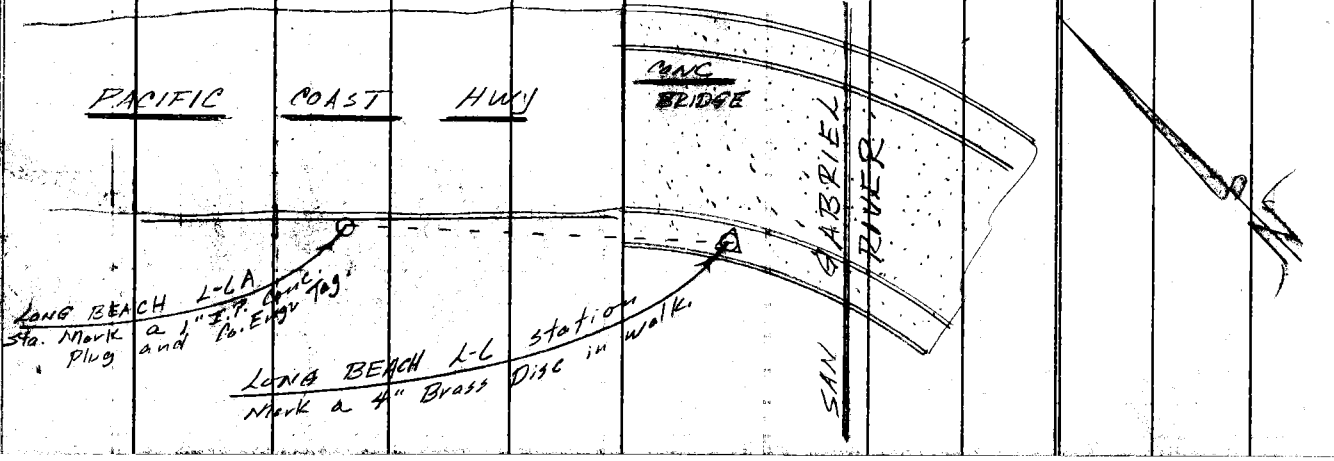
B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
		LONG BEACH L-6 AND L-6 A.				
L-6	100.000	assumed				
+	4.184					L-6 = 100.000 assumed
⊼	104.184	✓				L-6A = 98.587
−	5.597					diff. = 1.413
L-6 A	98.587	✓				
+	5.722	✓				
⊼	104.309					
−	3.157					
TP	101.152	✓				
+	3.186	✓				
⊼	104.338					
−	4.337	✓				
L-6	100.001					



JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 3 April 74 NOTES CHKD HILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-74

F.B. 2462 PG. 82

765420 9 & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Long Beach K-7 Aux3	19.603	✓				SEAL BEACH (LONG BEACH K-7 AUX 3) a Lg Bt. Spk w&T flush in old abandoned roadway. (See Pg 81)
+	3.555					
T	23.158	✓				
-	6.180					
L.B. K-7E	16.978	✓				SEAL BEACH (LONG BEACH K-7E) a Sm Bt. Spk w&T flush in old abandoned roadway. (See Pg 81)
+	6.263	✓				
T	23.241					
-	3.636	✓				
Long Beach K-7 Aux3	19.605					SEAL BEACH (LONG BEACH K-7 AUX3)

NOTES RED _____ JOB NO 2701.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY FE Brooks DATE 4 April 74
NOTES CHK'D _____ NOTES BY _____ DATE _____
DATE 6-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

F. BRKZ PG. 83

F. B. 2462 PG. 84

JOB NO. ______ SURVEY OF ______ NOTES RED. ______

SURVEY BY ______ DATE ______

NOTES BY ______ DATE ______ NOTES CHKD. ______

INDEXED ______ DATE ______ DATE ______

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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76S420 S & E-353 9.55

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 85
DATE SURVEY BY F.E.Brooks
NOTES CHKD. NOTES BY F.E.B. DATE 4 April 74
DATE INDEXED G. D. BAILEY DATE APR 26 1974

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76420 S & E-353 9-55

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

S. N. 0301.00

GEODETIC CONTROL

ELEVATION

ON EDISON

(WILMINGTON S-5)

Note the B.M.'s used for this station are based on M.L.L.W.

Brooks
Smith
Krohn

768420 S & E-353 9-55

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B.M.	1ST RUN MLLW	DIFF. CORR	2ND RUN M.S.L	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 1934	-9.687	+2.72	-12.407			BM 1934 Elev = -9.687 (MLLW) Port of Long Beach Aug 73 adj. U.P. Well E 74D near So. Calif. Edison Co. Plant on Terminal Island 7' S. of ℄ of well a L&T in well mat.
+	7.670					
⊼	-2.017					
−	11.260					
TP	-13.277					
+	2.573					
⊼	-10.704					
−	2.573					
BM 8772	-13.271	+2.72	-15.997			BM 8772 Elev. = -13.281 (MLLW) Port of Long Beach Aug 73 adj. So. Calif. Edison Co. Plant Bldg #2 S.E. Cor. a 1/2" brass pin set 2' above the ground on the E. building face. S. Calif Edison BM #8
+	2.637					
⊼	-10.640					
−	3.598					
BM Plant #2	-14.238	+2.72	-16.958			BM Plant #2 Elev -14.240 ? (MLLW) Port of L.B. So. Calif. Edison Co. Plant on Terminal Island. 23.5' N. of S.E. Cor. of building #2 a U.S.C.&G.S. disc marked PLANT #2 1949 in N. end of conc. step in the doorway.
+	5.063					
⊼	-9.175					
−	4.070					
PK in lead	-13.245	+2.72	-15.965			PK spk in lead on E. face of Bldg #2, 5' S of N.E. Cor. of Bldg. So. Calif. Edison Co. Plant on Terminal Island.

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB. DATE 4 April 74 NOTES CHKD. R. HILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-74

F.B. 2462 PG. 86

76S420 S & E-353 9-55

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B.M.	1ST RUN MLLW	DIFF. CORR	2ND RUN MSL	3RD RUN	ADJ. ELEV.	DESCRIPTION
PK in lead	-13.245	+2.72	-15.965			
+	4.120					
⊼	-9.125					
−	4.685					
S.C.E. BM-10	-13.810	+2.72	-16.530			S.C.E. BM-10 a rod in floor of Bldg #2
+	4.774					
⊼	-9.036					
−	4.996					
TP	-14.032					
+	4.348					
⊼	-9.684					
−	4.553					
BM Plant #2	-14.237	+2.72	-16.957			BM Plant #2 Elev. -14.240? (MLLW) Port. of L.B. So. Calif Edison Co. Plant on Terminal Island 23.5' N. of S.E. Cor. of bldg. #2 a USC&GS disc marked PLANT #2 1949 in N end of conc step in the doorway.

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD. R. HILARIO NOTES BY FEB DATE 4 April 74
DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2443 PG. 87

768420 S & E-353 9-55

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B.M.	1ST RUN MLLW	DIFF. CORR	2ND RUN MSL	3RD RUN	ADJ. ELEV.	DESCRIPTION
PK in lead	-13.25	+2.72	-15.97	PK spk in lead on E face of Bldg #2 S. Calif Edison Plant. Per pg 86		
+	90.46		+ meas			
TP	77.21		Top of wall			
+	3.23					
⊼	80.44		⊼ and pencil mark on wall			
−	5.91					
TP	74.53		TP a pipe			
+	3.96					
⊼	78.49					
−	2.71					
TP	75.78		TP Top of pipe			
+	11.59					
⊼	87.37					
−	4.56					
TP	82.81					
+	6.79					
⊼	89.60					
−	4.86					
Edison ECC 2	84.74	+2.72	82.02	EDISON ECC 2 a N & Co Engr Tag (see pg 92)		
+	4.85					
⊼	89.59					
−	0.64					
EDISON	88.95	+2.72	86.23	EDISON a 4" Brass Disc. (see pg 92)		
+	0.69					
⊼	89.64					
−	4.19					
TP	85.45		TP Conduit			

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FEB Brooks DATE
NOTES BY FEB DATE 4 April 74 NOTES CHKD. [illegible] DATE 5-6-74
INDEXED G. D. BAILEY DATE APR 26 1974

F. B. 2462 PG. 88

768420 S & E-353 9-55

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B.M.	1ST RUN MLLW	DIFF. CORR	2ND RUN MSL	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	85.45		TP	Conduit		
+	4.20					
⊼	89.65					
−	7.48					
S-5 ECC 3	82.17	-2.72	79.45	WILMINGTON S-5 ECC 3 a Nail (see pg 92)		
+	7.34					
⊼	89.51					
−	4.05					
TP	85.46					
+	3.09					
⊼	88.55					
−	2.19					
TP	86.36			Top of a wall		
−	6.89					
⊼	79.49					
−	4.69					
TP	74.78			ventilator		
+	3.95					
⊼	78.73					
−	1.50					
Top wall	77.23	-2.72	74.51	TOP of Wall	Elev. 77.21 per pg 88	

over

NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY FE Broeiles
NOTES CHKD. _____ NOTES BY FE B DATE 4 April 74
DATE 5-6-74 INDEXED G.O. BAILEY DATE APR 26 1974

F.B. 2462 PG. 89

76S420 S & E-353 9-55

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B.M.	1ST RUN MLLW	DIFF. MSL	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	80.44		Inst. H.I. per pg 88			
	6.80		- Rod			
	73.64	70.92	Elev. WILMINGTON S-5			a 4" Brass Disc. (see pg 92)
	80.44		mark on wall per pg 88			
	10.67		+ Rod.			
	91.11		Inst H.I.			
	4.63		- Rod.			
	86.48	83.76	Elev. WILMINGTON S-5 AUX No 1			a 4" Brass Disc (see pg 92)
	74.53		TP a rod. per pg 88			
	4.40		+ Rod			
	78.93		Inst H.I.			
	8.53		- Rod			
	70.40		TP Bolt on ladder			
	0.68		+ Rod			
	71.08		Inst H.I.			
	4.94		- Rod			
	66.14	63.42	Elev. on chis + on a wall 3.30' E of Station per paint marks on wall. Not able to identify WILMINGTON S-5 AUX 1 ECC 1 (see pg 92)			

cont.

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 4 Apr 74 NOTES CHKD.
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-74

F.B. 2462 PG. 90

765420 S & E-353 9-55

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NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE SURVEY BY F.E.B. Brooks F.B. 2462 Pg. 91
NOTES CHKD. NOTES BY DATE 4 Apr 74
DATE 5-6-74 INDEXED G. D. BAILEY DATE APR 26 1974

B.M.	1ST RUN MLLW	DIFF MSL	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	87.37		Inst	H.I.	per pg 88	
	2.28		- Rod			
	85.09	8237	WILMINGTON	55C		ECC 3 a 5/8 in. Nail (see pg 92)
	87.37		Inst	H.I.	per pg 88	
	2.30		- Rod			
	85.07	8235	WILMINGTON	55C		ECC 5 a L.A.C. Engr Tag. (see pg 92)

765420 S & E-353 9-55

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

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

Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FEB & Crooks DATE
NOTES BY FEB DATE Apr 74 NOTES CHKD.
INDEXED G.D. BAILEY DATE APR 26 1974 DATE

F.B. 2467 PG. 92

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

EDISON

WILMINGTON S-5 ; 1-5 AUX No 1 ; S-5 AUX 1 ECC 1 ;

WILMINGTON 1-5 ECC 3 ; EDISON ECC 2

WILMINGTON S-5 ECC 3
a Nail Elev = 82.17 Per Pg. 89

WILMINGTON
a 4" Brass Disc. S-5 Elev = 73.64 Per Pg. 90

PLANT #3

PLANT #2

EDISON
a 4" Brass Disc. 1933 Elev = 88.95 Per Pg. 88

EDISON ECC 2 Elev = 84.74
a L.A.C. Engr Tag per Pg 88

WILMINGTON S-5C ECC 5 Elev = 85.07
a L.A.C. Engr Tag per Pg. 91

WILMINGTON S-5 AUX 1 Elev = 86.48 Per Pg 90
a 4" Brass Disc

WILMINGTON S-5C ECC 3 Elev = 85.09 Per Pg 91
a small Nail

Tie to WILMINGTON 1-5 AUX Elev = 66.14 Per Pg. 90
ECC 1 a chis x.

REF. F.B. 496-83, 84

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 93

DATE SURVEY BY F E Brooks

NOTES CHKD. NOTES BY Smith. DATE 8 April 74

DATE INDEXED G. D. BAILEY DATE APR 26 1974

S.N. 0301.00

GEODETIC CONTROL

ELEVATION

on BANK BUILDING

(LONG BEACH A-4E)

Brooks
Smith
Creason
Krahn.

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

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

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76420 S & E-353 9-55

76S420 S & E-353 9-55

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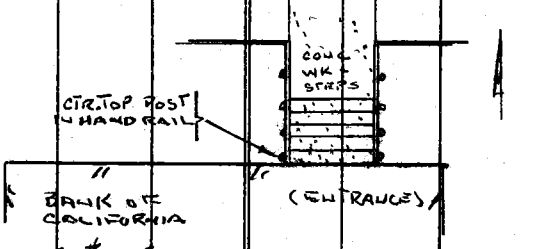
Do not extend notes this side of this line

B.M.	1ST RUN 73 adj.	DIFF. CORR	2ND RUN 74 adj.	3RD RUN	ADJ. ELEV.	DESCRIPTION
FD C.L.B. BM 158	19.783	-.049	19.734			C.L.B BM #158 Elev. 19.783 Aug 73 Ocean Blvd. and Daisy Ave N.W. Cor. L.B BM 20.4' W. of Curb. 7.0 ft. N of curb.
+	6.986					
⊼	26.769					
−	4.120					
T.P.	22.649					
+	5.521					
⊼	28.170					
−	4.710					
CLB FD BM 1215	23.460	-.049	23.411			CLB BM #1215 Elev. 23.457 Aug 73 Ocean Blvd and Magnolia Ave N.E. Cor. 1.0' E. of curb 5.8' N. of the BCR a std. disc set in conc. flush with punt. marked C.L.B.BM. 1215 RE 3111 1971
+	4.826					
⊼	28.286					
−	4.168					
T.P	24.118					
+	6.119					
⊼	30.237					
−	0.620					
SET T.B.M #1	29.617	-.049	29.568			TBM #1 ELEV 29.617 F.B. 2462-94
+	0.545					
⊼	30.162					
−	6.041					
T.P	24.121					
+	4.130					
⊼	28.251					
−	4.788					
FD CLB BM 1215	23.463	-.049	23.414			CLB BM #1215 EL 23.457 AUG 1973 SEE THIS PAGE ABOVE.



JOB NO. 0301.00 SURVEY OF Geodetic Control
SURVEY BY F.E. Brooks
NOTES BY Smith
INDEXED G. D. BAILEY
DATE 8 Apr. 1974
DATE APR 26 1974
NOTES RED.
DATE
NOTES CHK'D R. HILARIO
DATE 5-6-74

F. B. 2462 PG. 94

765420 S & E-353 9-55

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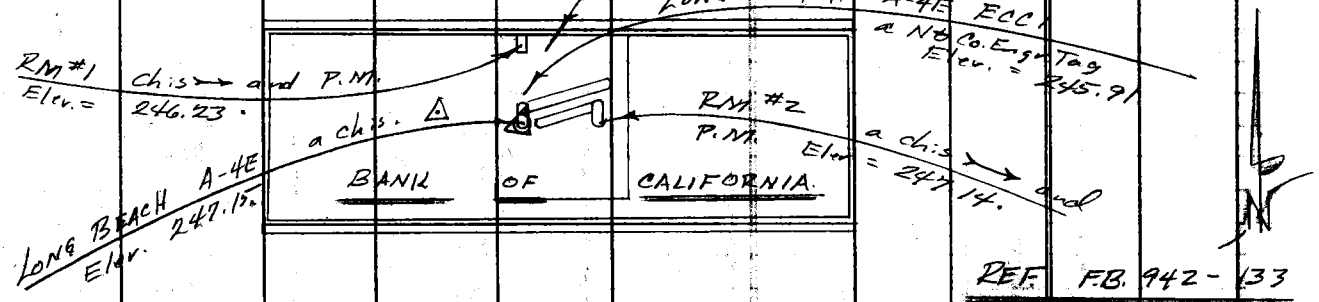
Do not extend notes this side of this line

NOTES RED. JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE SURVEY BY F.E. BROOKS
NOTES CHKD. NOTES BY R. SMITH DATE 4-8-74
DATE 5-4-74 INDEXED A.D. BALEN DATE APR 26 1974

F.B. 2462 PG. 95

B.M.	1ST RUN 73 adj.	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION		
	29.62'	/	TBM #1 Top of handrail post			pg 94		
	209.68'		+ meas.					
	239.30'	/	Top of wall					
	1.32'		− meas.					
	237.98'	/	Inst. HI and pencil mark on wall of Penthouse					
	8.04'		+ meas					
	246.02'	/	Top Penthouse wall					
	4.94'		+ Rod.					
	250.96'	/	Inst H.I.					
	BANK BUILDING				(LONG BEACH A-4E)			
Inst H.I − Elev.	74 adj.		Long Beach A-4E 250.96' / 247.15' / 247.10		Long Beach A-4E Ecc 1 250.96' 5.05' 245.91' / 245.86	RM #1 250.96' 4.73' 246.23' / 246.18		RM #2 250.96' 3.82' 247.14' / 247.09



REF. F.B. 942 - 133

F. B. 2462 PG. 96

JOB NO. ________ SURVEY OF ________ NOTES RED. ________

SURVEY BY ________ DATE ________

NOTES BY ________ DATE ________ NOTES CHKD. ________

INDEXED ________ DATE ________ DATE ________

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

Do not extend notes this side of this line

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78S420 S & E-353 9-55

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 97

DATE SURVEY BY FE Brooks

NOTES CHKD. NOTES BY DATE

DATE INDEXED G. D. BAILEY DATE APR 26 1974

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

76S420 S & E-353 9-55

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						SN 0301.00
						GEODETIC CONTROL
						ELEVATION
						ON BLUFF PARK AT ORIZORA
						(LONG BEACH F-5A)

Brooks

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
FD BM 1072	44.001					BM 1072 ELEV. 44.001 AUG 1973 OCEAN BLVD & LINDERO AVE. N.E. COR L+T IN SOUTH END OF C.B. 25.0' NORTH OF CURB LINE
+	4.913					
⊼	48.914					
−	5.121					
	43.793					
+	4.996					
⊼	48.789					
−	5.442					
T.P	43.347					
+	4.124					
⊼	47.471					
−	4.204					
T.P	43.267					
+	5.359					
⊼	48.626					
−	4.907					
T.P	43.719					
+	5.349					
⊼	49.068					
−	5.254					
FD BM 1073	43.814					BM 1073 ELEV. 43.805 AUG 1973 OCEAN BLVD + TEMPLE AVE N.W. COR L+T IN SOUTH END C.B. 25.0' NORTH OF CURB LINE 43.817 74 adj
+	5.454					
⊼	49.268					
−	4.939					
T.P	44.329					
+	5.481					
⊼	49.810					
−	4.978					
T.P	44.832					

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY R. SMITH DATE 4-8-74 NOTES CH. R. PHILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-74

F.B. 2462 PG. 98

765420 S & E-353 9-55

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Do not extend notes this side of this line

NOTES RED. JOB NO. 0201.00 SURVEY OF GEODETIC CONTROL
DATE SURVEY BY F.F. BROOKS
NOTES CHKD. NOTES BY R. SMITH DATE 4-8-74
DATE 5-6-74 INDEXED D. BAILEY DATE APR 26 1974

F. B2462 Pg. 99

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	44.832					
+	5.435					
⊼	50.267					
−	6.018					
SET RM# 1	44.249					RM#1 ELEV. 44.249 F.B 2462-99 3" CITY OF L.B. REF MON IN H.H. 7" DN. (SEE SKETCH PAGE -101
+	5866					
⊼	50.115					
−	4.382					
SET F.5A	45.733					STA. LONG BEACH F-5A ELEV 45.733 3" BRASS DISC STAMPED: L.A. CO. ENGR F-5A 1958 IN H.H. 7" DN. (SEE SKETCH PAGE -101)
+	4.380					
⊼	50.113					
−	5.674					
SET RM#2	44.439					BM#2 ELEV. 44.439 F.B 2462-99 3" CITY OF L.B REF MON IN H.H. 7" DN. (SEE SKETCH PAGE -101
+	5.806					
⊼	50.245					
−	5.421					
T.P.	44.824					
+	5.006					
⊼	49.830					
−	5508					
T.P	44.322					

CONT'D.

769420 S & E-353 9-55

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Do not extend notes this side of this line

JOB NO. 03201.00 SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY K.E. BROOKS DATE NOTES CHKD. BY
NOTES BY R. SMITH DATE 4-8-74
INDEXED G.D. BAILEY DATE APR 26 1974

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	44.322					
+	4.948					
=	49.270					
-	5.463					
ED BM1073	43.807					BM 1073 ELEV. 43.805 AUG 1973 OCEAN BLVD + TEMPLE AVE. N.W. COR. L+T IN C.B. 25.0' NORTH OF CURB LINE 43.817 74 adj.

F. B2462 Pg. 100

768420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						BLUFF PARK at ORIZOBA (LONG BEACH F-5A)

OCEAN

ORIZOBA AVE.

BLVD.

R.M. #1 a 3" Brass Disc in conc. in a well Elev. = 44.249 Per pg 99

R.M. #2 a 3" Brass Disc in conc. in a well. Elev. = 44.439 Per pg. 99.99

LONG BEACH F-5A a 3" Brass Disc in conc. in a well. Elev. = 45.893 Per pg. 99.99

REF F.B. 942-73

NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY EE Brooks
NOTES CHKD. _____ NOTES BY FEB DATE April 74
DATE _____ INDEXED G.D. BAILEY DATE APR 26 1974

F. B. 2442 Pg. 101

F. B. 2462 PG. 102

JOB NO. ______ SURVEY OF ______ NOTES RED. ______

SURVEY BY ______ DATE ______

NOTES BY ______ DATE ______ NOTES CHKD. ______

INDEXED ______ DATE ______ DATE ______

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

Do not extend notes this side of this line

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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76842D S & E-353 9-55

NOTES RED _____ JOB NO 0301.00 SURVEY OF Geodetic Control | F. B. 1462 PG. 103

DATE _____ SURVEY BY FE Brooks

NOTES CHKD. _____ NOTES BY FE B DATE 9 April 74

DATE _____ INDEXED G. D. BAILEY DATE APR 26 1974

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76S420 S & E-383 9-55

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

S.N 0301.00

GEODETIC CONTROL

ELEVATION

ON SAN PEDRO CITY HALL

(WILMINGTON C-8 ECC 1)

Brooks
Smith
Kroha.

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM	17.827					B.M. 00670 Elev. 17.827 1972 adj.
+	6.551					Beacon St. and 6th St. S.W.
⊼	24.378					Cor. 6.5' S. of Sand C.R. a
−	0.750					ct. spk.
TP	23.628					
+	7.283					
⊼	30.911					
−	2.642					
BM	28.269					BM 00650 Elev. 28.268 1972 adj.
+	6.530					San Pedro City Hall Beacon St. entrance
⊼	34.799					City disc marked 027 in N. end of
−	3.034					1st granite step. 60' N. of 7th st.
TP	31.765					
+	8.255					
⊼	40.020					
−	0.675					
TP	39.345					
+	7.375					
⊼	46.720					
−	0.569					
TP	46.151					
+	7.269					
⊼	53.420					
−	0.352					
TP	53.068					
+	7.548					
⊼	60.616					
−	1.180					
TP.	59.436					

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY F.E. Brooks DATE
NOTES BY F.E.B. DATE 9 April 74 NOTES CHKD. H. HILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-74

F.B. 2462 PG. 104

765420 S & E-353 9-55

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NOTES RED. JOB NO. 0701.00 SURVEY OF Geodetic Control
DATE SURVEY BY FE Brooks
NOTES CHKD. NOTES BY FTB DATE 10 April 74
DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2402 PG. 105

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	59.436					
+	5.611					
⊼	65.097					
−	2.634					
+ scratched in walk	62.463					Scratched + in walk
+	2.573					
⊼	65.036					
−	5.600					
TP	59.436					
+	1.364					
⊼	60.800					
−	7.734					
TP	53.066					
+	0.419					
⊼	53.485					
−	7.740					
TP	45.745					
+	0.956					
⊼	46.701					
−	7.355					
TP	39.346					
+	0.712					
⊼	40.058					
−	8.296					
TP.	31.762					
+	2.824					
⊼	34.586					
−	6.318					
B M	28.268					BM Elev. 28.268 1972 adj.

See Pg 104

765420 S & E-853 9-55

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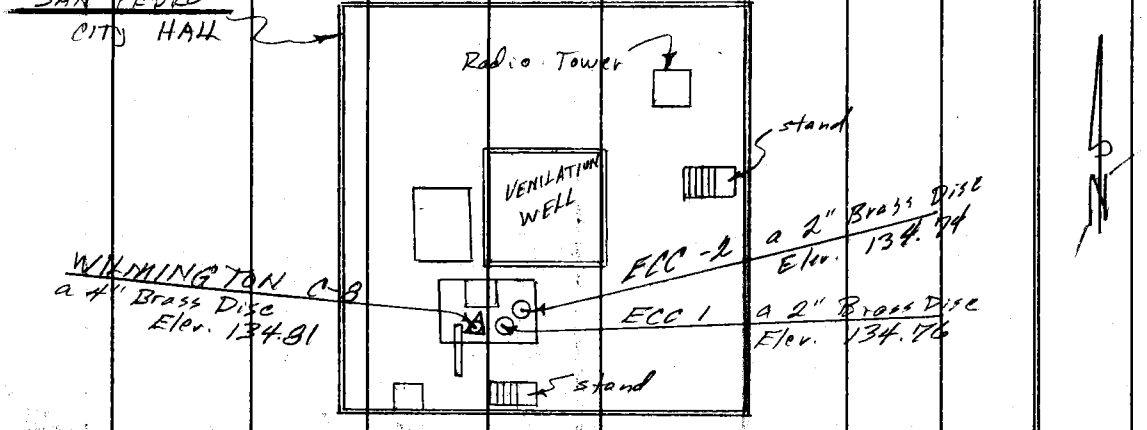
JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED. DATE
SURVEY BY FE Brooks NOTES CHKD. DATE 5-6-74
NOTES BY FE B DATE 10 April 74
INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 106

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	62.463			Scratched + in walk	per	pg 105
	70.54			+ meas		
	133.00			Top of wall		
	0.38			meas		
	132.62			HI & mark on wall		
	2.90			+ meas		
	135.52			mark on I. Beam		
	2.54			+ Rod		
	138.06			Inst. HI.		
Sta.	Wilmington C-8			W.I C-8 ECC 1		W.I C-8 ECC 2
+	138.06			138.06		138.06
-	3.25			3.30		3.32
Elev.	134.81			134.76		134.74



NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control F. B. 2462 PG. 107

DATE SURVEY BY FE Brooks

NOTES CHKD. NOTES BY R SMITH DATE 17 April 74

DATE INDEXED G. D. BAILEY DATE APR 26 1974

S.N. 0301.00

GEODETIC CONTROL

ELEVATION

ON MATSON

(WILMINGTON F-4A ECC 6

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

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

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Goodrich Control NOTES RED. DATE
SURVEY BY FE Brooks NOTES CHKD. DATE 5-6-74
NOTES BY R SMITH DATE 4-17-74
INDEXED G.D. BAILEY DATE APR 26 1974
F.B. 2462 PG. 108

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM	9.975	✓				BM 02130 Elev. 9.975 ✓ 72 adj. Center of Matson Line Terminal Bldg. 7.5' S.W'ly of S'ly edge of door #18 and 5' N.W'ly of W'ly face of bldg. a 3½" L.A. C'ty BM Disk flush in conc.
+	4.135					
⋔	14.110	✓				
−	5.344					
TP	8.766	✓				
+	5.302					
⋔	14.068	✓				
−	5.358					
T.P	8.710	✓				
+	4.979					
⋔	13.689	✓				
−	1.638					
T.P	12.051	✓				
+	4.790					
⋔	16.841	✓				
−	5.288					
T.P	11.553	✓				
+	5.509					
⋔	17.062	✓				
−	4.277					
BM	12.785	✓				02150 BM. ELEV. 12.783 1972 ADJ. STD CITY DISC IN CONC LANDING OF DOORWAY 47.5' WEST OF THE N.E COR OF THE MATSON TERMINAL BLDG. 1.0' N OF THE END OF BLDG AT BERTH # 198
+	4.180					
⋔	16.965	✓				
−	5.243					
T.P.	11.722	✓				

769420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	11.722					
+	5.441					
⊼	17.163					
−	4.914					
SET T.B.M.	12.249					T.B.M. ELEV 12.249
+	0.449					N.W. COR. OF MATSON LINE
⊼	12.698					TERMINAL BLDG. + @ THE INT.
−	3.948					OF LINES APPROX 3' OFF THE
T.P	8.750					NORTH + WEST WALLS + 4' NELY
+	5.882					OF THE N.E. COR. A P.K. IN
⊼	14.632					LEAD IN THE CONC LOADING
−	5.402					DOCK.
T.P.	9.230					
+	5.526					
⊼	14.756					
−	4.881					
T.P	9.875					
+	4.413					
⊼	14.288					
−	4.318					
FD BM	9.970					B.M. ELEV. 9.975 1972 ADJ.
						SEE PAGE # FOR DESC.

NOTES RED _____ JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE _____ SURVEY BY F.E. BROOKS
NOTES CHKD _____ NOTES BY R.D. SMITH DATE 4-17-74
DATE 5-6-74 PROCESSED D. BAILEY DATE APR 29 1974

F.B. 2462 Pg. 109

768420 S & E-353-9-55

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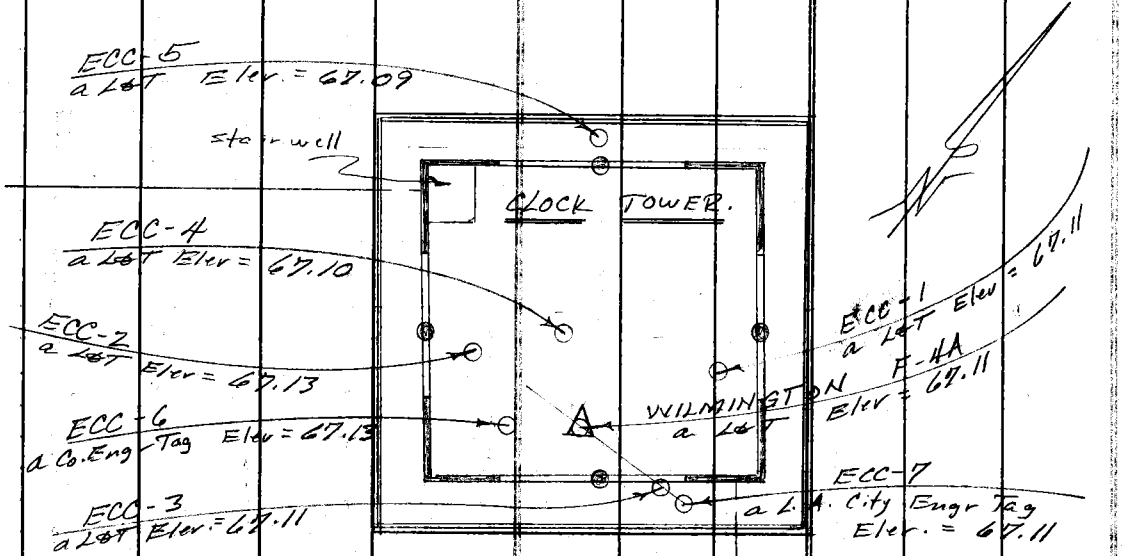
B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	12.25		PK spk per pg. 109			
	54.80		+ meas.			
	67.05		N.E. Cor. of Platform clock Tower Matson Terminal			
	4.15		+ Rod			
	71.20		Inst. H.I.			

sta.	WIL F-4A	ECC-1	ECC-2	ECC-3	ECC-4	ECC-5	ECC-6	ECC-7
⊼	71.20	71.20	71.20	71.20	71.20	71.20	71.20	71.20
—	4.09	4.09	4.07	4.09	4.10	4.11	4.07	4.09
Elev.	67.11	67.11	67.13	67.11	67.10	67.09	67.13	67.11



JOB NO. 030100 SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY F.E. BROOK DATE
NOTES BY R. SMITH DATE 4-17-74 NOTES CHK. R. HILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-74

F.B. 2462 PG. 140

NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 111

DATE _____ SURVEY BY FE Brooks

NOTES CHKD. _____ NOTES BY _____ DATE 17 April 74

DATE _____ INDEXED G. D. BAILEY DATE APR 26 1974

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

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

JN 0301.00

GEODETIC CONTROL

ELEVATION

on SAN PEDRO HILLS 0-3E.

Brooks
Smith
Creason
Kraham

76420 S & E-353 9-55

765420 S & E-353 9-55

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

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

Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Redondo Beach
SURVEY BY FE Brooks
NOTES BY R. SMITH DATE 17 Apr. 74
INDEXED G. D. BAILEY DATE APR 26 1974
NOTES CHKD. HILARIO DATE
NOTES RED. DATE

F. B. 2442 PG. 112

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
FD BM BM 6954	301.083					BM BY 6954 Elev. 301.083 / L.A.C. Rd. Dept Palos Verdes (1970) Palos Verdes Dr. N. 0.7 mi ± W. of Western Ave. RD BM Tag in S curb. 1' E. of C.B.
+	4.409					
℄	305.492					
−	4.608					
FD BM BM 6953	300.884					BM BY 6953 Elev. 300.906 L.A. Co. Rd. Dept. Palos Verdes (1970) Palos Verdes Dr. N. 0.7 mi ± W. of Western Ave a RD BM Tag in N. curb 1' E of C.B.
+	5.717					
℄	306.601					
−	3.428					
	303.173					
+	8.103					
℄	311.276					
−	0.636					
	310.640					
+	8.966					
℄	319.606					
−	0.183					
	319.423					
+	8.718					
℄	328.141					
−	1.551					
	326.590					
+	8.291					
℄	334.881					
−	5.012					
	329.869					
+	3.952					
℄	333.821					
−	7.293					
	326.528					

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	326.528	✓				
+	5.324					
π	331.852	✓				
−	6.964					
T.P.	324.888	✓				
+	6.133					
π	331.021	✓				
−	2.588					
T.P.	328.433	✓				
+	5.521					
π	333.954	✓				
−	2.756					
T.P.	331.198	✓				
+	4.600					
π	335.798	✓				
−	6.009					
T.P.	329.789	✓				
+	4.246					
π	334.035	✓				
−	6.029					
T.P.	328.006	✓				
+	8.320					
π	336.326	✓				
−	0.955					
T.P.	335.371	✓				
+	8.034					
π	343.405	✓				
−	3.124					
RM#	340.281	✓				LT C.E. TAG IN CURB 83.49' ON LINE FROM SPH N2C PRODUCED.

CONT'D

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE SURVEY BY R F Brooks
NOTES CHKD. NOTES BY R Smith DATE 4-17-74
DATE 5-6-76 INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 113

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY F.E. BROOKS DATE
NOTES BY R. SMITH DATE 4-17-74 NOTES CHKD. HILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-74

F.B. 2462 PG. 114

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
~~SET~~ RM#	340.281	✓				
+	6.649	✓				
⊼	346.930					
SET −	5.099					
RM#	341.831	✓				LH C.F. TAC. IN CONC CURB. 18.42' ON LINE FROM SPH N-2C PRODUCED.
+	9.664					
⊼	351.495	✓				
−	1.077					
SET SPH 03E	350.418	✓				SPH 0-3E EL.
+	1.089					
⊼	351.507	✓				REF. F.B. 2653-123
−	9.676					STD 4" BRASS TABLET
T.P.	341.831	✓				IN SCRIBED "L.A. COUNTY
+	4.953					SURVEY CONTROL SYSTEM
⊼	346.784	✓				TRI STA, SAN PEDRO HILLS
−	6.502					0-3E 1967 RE. 5869
T.P.	340.282	✓				
+	0.452					
⊼	340.734	✓				
−	11.298					
T.P.	329.436	✓				
+	4.638					
⊼	334.074	✓				
−	4.289	✓				
T.P.	329.785					

CONT'D

765420 S & E-353 9-55

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

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

Do not extend notes this side of this line

NOTES RED. JOB NO. 43010.00 SURVEY OF GEODETIC CONTROL
DATE SURVEY BY F.E. BROOKS
NOTES CHKD. HILARIO NOTES BY R. SMITH DATE 4-16-74
DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

F.B. 2462 Pg. 115

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	329.785	/				
+	5.913					
=	335.698	/				
−	4.500					
T.P	331.198	/				
+	3.656					
=	334.854	/				
−	7.403					
T.P	327.451	/				
+	3.360					
=	330.811	/				
−	6.129					
T.P	324.682	/				
+	7.784					
=	332.466	/				
−	3.437					
T.P	329.029	/				
+	6.008					
=	335.037	/				
−	5.378					
T.P.	329.659	/				
+	1.568					
=	331.227	/				
−	10.809					
T.P.	320.418	/				
+	0.509					
=	320.927	/				
−	11.411					
T.P.	309.516	/				

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	309.516					
+	0.508					
⊼	310.024					
−	8.373					
T.P.	301.651					
+	4.090					
⊼	305.741					
−	4.855					
FD BM BY 5953	300.886					BM BY 5953 EL = 300.906 (L.A. RD DEPT PALOS VERDES 1970 SEE PAGE # 112

JOB NO. 030100 SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY F.E. BROOKS DATE
NOTES BY R. SMITH DATE 4-17-74 NOTES CHKD. ILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-74

F.B. 2462 PG 116

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control F. B. 2462 PG. 117

DATE SURVEY BY F.E.B rooks

NOTES CHKD. NOTES BY F.E.B DATE 17 April 74

DATE INDEXED G. D. BAILEY DATE APR 26 1974

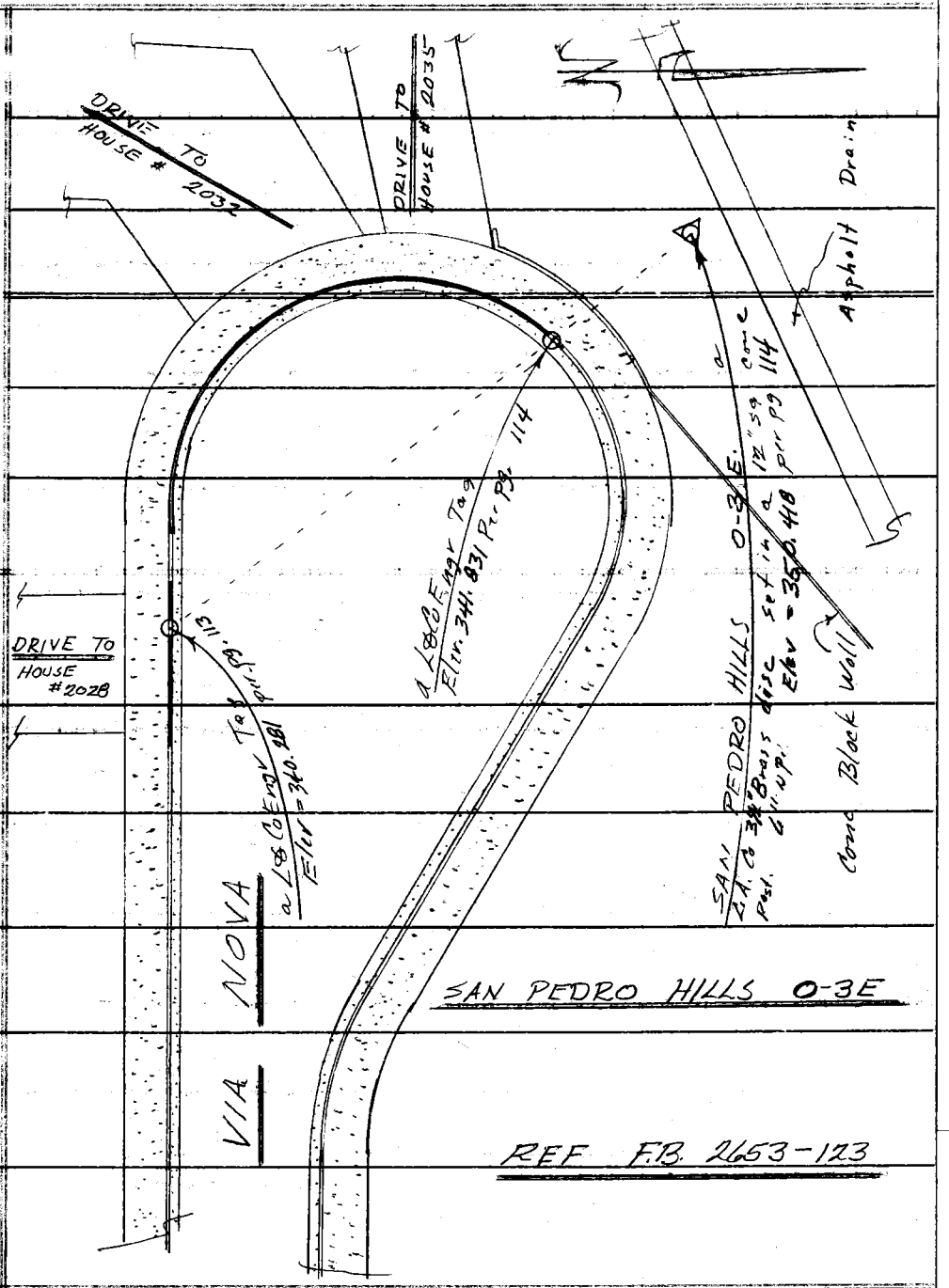
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

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

765420 S & E-353 9-55

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
V14		NOVA				



F. B. 2462 PG. 118

JOB NO. ______ SURVEY OF ______ NOTES RED. ______

SURVEY BY ______ DATE ______

NOTES BY ______ DATE ______ NOTES CHKD. ______

INDEXED ______ DATE ______ DATE ______

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

Do not extend notes this side of this line

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

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

768420 B & E-353 9-55

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control F. B. 3462 PG. 119

DATE SURVEY BY FE Brooks

NOTES CHKD. NOTES BY Smith DATE 18 April 74

DATE INDEXED G. D. BAILEY DATE APR 26 1974

S N. 0301.00

GEODETIC CONTROL

ELEVATION

ON SAN PEDRO HILLS S-1 AUX L

Brooks
Smith
Creason
Krohn.

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

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM By 8966	468.791					BM By 8966 Elev. 468.791 Rd. Dept (Palos Verdes 1970) Palos Verdes Dr. N. and Via Valmonte SE Cor. Rd. Dept BM N in lead 1' E. of E. end C.R.
+	5.282					
⊼	474.073					
−	6.554					
BM By 8967	467.519					BM By 8967 Elev. 467.510 Rd Dept (Palos Verdes 1970) Palos Verdes Dr. N. and Via Valmonte N.E. Cor. Co. Engr. BM Brass Disc in front of Gas Valve Box.
+	6.590					
⊼	474.109					
−	5.068					
T.P.	469.041					Note descriptions of location by the Rd. Dept. Notes are turned 90° to the left.
+	7.020					
⊼	476.061					
−	5.231					
T.P.	470.830					
+	4.563					
⊼	475.393					
−	4.968					
T.P.	470.425					
+	6.799					
⊼	477.224					
−	2.100					
T.P.	475.124					
+	9.237					
⊼	484.361					
−	4.471					
T.P.	479.890					
+	2.410					
⊼	482.300					
−	9.865					
T.P.	472.435			CONT'D		

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY F.E. Brooks DATE
NOTES BY R. Smith DATE 18 Apr 74 NOTES CHKD. [illegible]
INDEXED G. D. BAILEY DATE APR 26 1974 DATE 5-6-74

F.B. 3462 PG. 120

768420 S & E-3[illegible]-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	472.435					
+	0346					
π	472.781					
−	10.809					
T.P.	461.972					
+	0415					
π	462.387					
−	7.849					
T.P.	454.538					
+	7.527					
π	462.065					
−	1.555					
T.P.	460.510					
+	8.362					
π	468.872					
−	4.489					
T.P.	464.383					
+	4741					
π	469.124					
−	11.111					
T.P.	458.013					
+	0308					
π	458.321					
−	10.678					
	447.643					
+	0.339					
π	447.982					
−	9.682					
	438.300					

CONT'D

NOTES RED ____ JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE ____ SURVEY BY E. E. BROOKS
NOTES CHKR HILARIO NOTES BY R. SMITH DATE 4-18-74
DATE 5-6-74 INDEXED B. D. BAILEY DATE APR 26 1974

F.B. 2462 PG. 121

F. B. 2462 PG. 122

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED. _____
SURVEY BY E. E. BROOKS DATE _____
NOTES BY R. SMITH DATE 4-18-74 NOTES CHKD. HILARIO
INDEXED G. D. BAILEY DATE APR 26 1974 DATE 5-6-74

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	438.300					
+	1.069					
+	439.369					
T.P.	2.111					
+	433.258					
+	9.138					
T.P.	442.396					
+	1.019					
+	441.377					
T.P.	8.922					
+	450.299					
+	1.498					
T.P.	448.801					
+	9.049					
+	457.850					
T.P.	3.389					
+	454.461					
+	3.174					
T.P.	457.635					
+	9.405					
+	448.230					
T.P.	2.156					
+	450.386					
+	2.964					
T.P.	447.422					
+	10.143					
+	457.565					
T.P.	0.523					
+	457.042					

CONT'D.

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.

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

765420 S & E-383 9-55

768420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	457.042					
+	8.095					
π	465.137					
−	5.288					
SET RM#1	459.849					RM#1 (SEE SKETCH PAGE# 127
+	5.391					
π	465.240					
−	5.522					
SET RM#2	459.718					RM#2 SEE SKETCH PAGE# 127
+	5.568					
π	465.286					
−	6.252					
SET SPH J-1 AUX1	459.034					SPH J-1 AUX#1 SEE SKETCH PAGE# 127
+	6.334					
π	465.368					
−	4.329					
SET SPH J-1	461.039					SPH J-1 SEE SKETCH PAGE# 127
+	1.819					
π	462.858					
−	10.530					
T.P.	452.328					
+	0.224					
π	452.552					
−	5.132					
T.P.	447.420					

NOTES RED. JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE SURVEY BY F.E. BROOKS
NOTES CHKD. [illegible] NOTES BY R. SMITH DATE 4-18-74
DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

F. B2462 PG. 123

F. B 2462 PG. 124

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY F.E. BROOKS DATE
NOTES BY R. SMITH DATE 4-18-74 NOTES CHKD. HILARIO
INDEXED G. D. BAILEY DATE APR 26 1974 DATE 5-6-74

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	447.420	/				
+	2.889	/				
*	450.309	/				
-	2.082	/				
T.P.	448.227	/				
+	9.395	/				
*	457.622	/				
-	3.162	/				
T.P.	454.460	/				
+	3.294	/				
*	457.754	/				
-	8.952	/				
T.P.	448.802	/				
+	1.389	/				
*	450.191	/				
-	8.813	/				
T.P.	441.378	/				
+	0.929	/				
*	442.307	/				
-	9.048	/				
T.P.	433.259	/				
+	6.198	/				
*	439.457	/				
-	1.151	/				
T.P.	438.306	/				
+	10.123	/				
*	448.429	/				
-	0.781	/				
T.P.	447.648	/				

CONT'D

768420 S & E-353 9-55

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

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

Do not extend notes this side of this line

NOTES RED. JOB NO 0301.00 SURVEY OF GEODETIC CONTROL
DATE SURVEY BY F.E. BROOKS
NOTES CHKD. ELEV. NOTES BY R. SMITH DATE 4-18-74
DATE 5-6-74 INDEXED G.D. BAILEY DATE APR 26 1974

F. B2462 Pg. 125

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	447.648	✓				
+	10.566					
⊼	458.214	✓				
−	0.195					
T.P	458.019	✓				
+	11.029					
⊼	469.048	✓				
−	4.658					
T.P.	464.390	✓				
+	4.484					
⊼	468.874	✓				
−	7.917					
T.P.	460.957	✓				
+	1.414					
⊼	462.371	✓				
−	7.822					
T.P	454.549	✓				
+	7.938	✓				
⊼	462.487					
−	0.503	✓				
T.P.	461.984					
+	10.383					
⊼	472.367	✓				
−	0.654					
T.P	471.713	✓				
+	10.649					
⊼	482.362	✓				
−	2.463					
T.P.	479.899	✓		COUT'D		

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

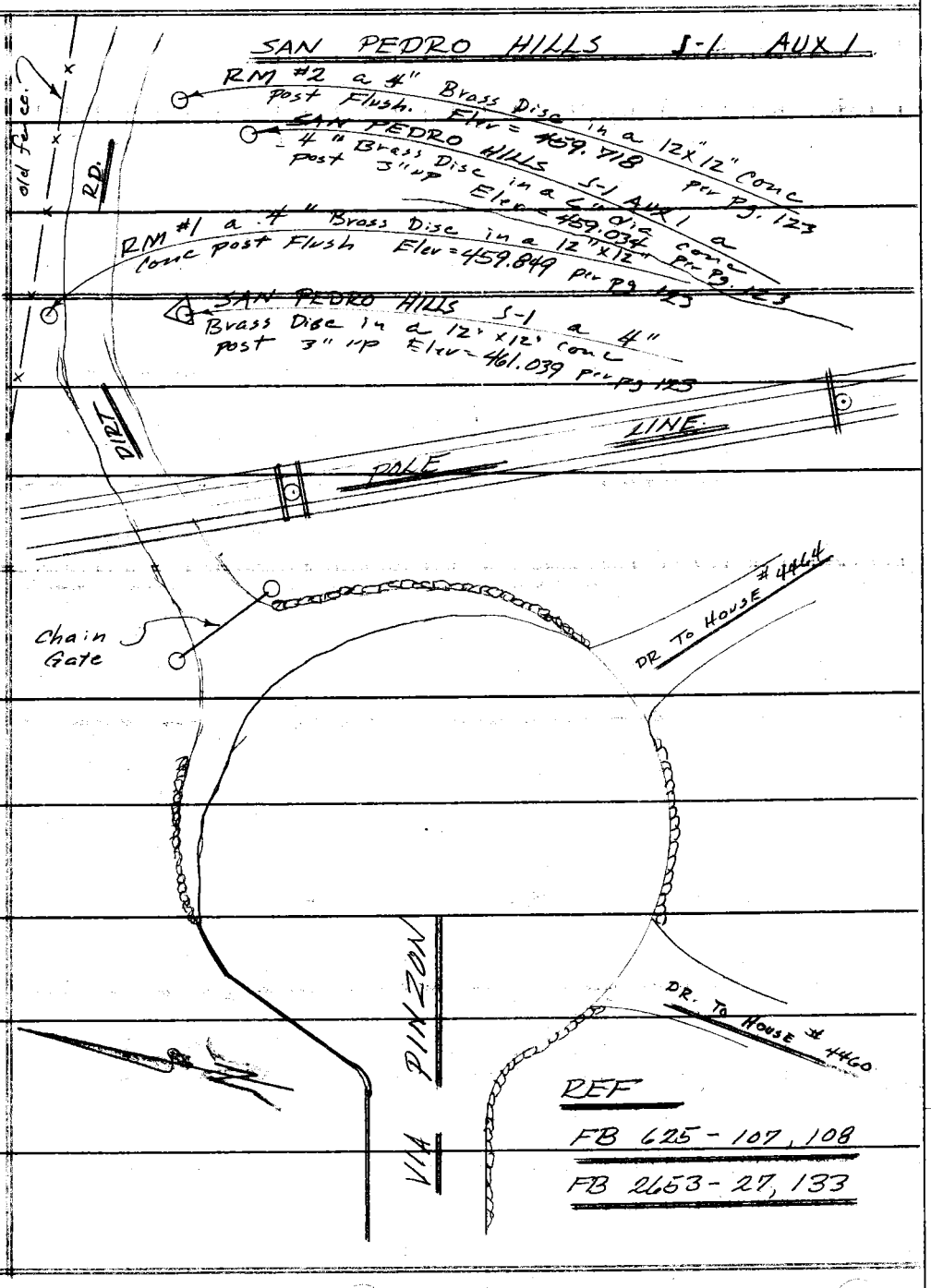
JOB NO. 0301 00 SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY E.E. BROOKS DATE
NOTES BY R SMITH DATE 4-18-74 NOTES CHKD. HILARIO
INDEXED G.D. BAILEY DATE APR 26 1974 DATE 5-6-74

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	479.899					
+	4.462					
π	484.361					
−	9.298					
T.P.	475.063					
+	2.113					
π	477.176					
−	6.736					
T.P.	470.440					
+	4.928					
π	475.368					
−	4.578					
T.P.	470.790					
+	5.256					
π	476.046					
−	6.807					
T.P.	469.239					
+	4.899					
π	474.138					
−	6.597					
FD BM 8967	467.541					BM # 8967 ELEV 467.510 PALOS VERDES (1970)

SEE PAGE # 120

F. B 2462 PG. 126

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control F.B. 2462 PG. 127
DATE SURVEY BY FE Brooks
NOTES CHKD. NOTES BY FBB DATE 18 April 74
DATE INDEXED G. D. BAILEY DATE APR 26 1974



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

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

768420 S & E-353 9-55

F. B. 2462 PG. 128

JOB NO. ______ SURVEY OF ______ NOTES RED. ______

SURVEY BY ______ DATE ______

NOTES BY ______ DATE ______ NOTES CHKD. ______

INDEXED ______ DATE ______ DATE ______

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

Do not extend notes this side of this line

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

768420 S & E-353-9-55

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 129

DATE SURVEY BY F E Brooks

NOTES CHKD. NOTES BY R Smith DATE 22 Apr 74

DATE INDEXED G. D. BAILEY DATE APR 26 1974

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

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765420 S & E-353 9-65

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
SN 0301.00 GEODETIC CONTROL ELEVATION ON SOUTH BAY HOSPITAL (TORRANCE G-6B)						

Brooks
R. SMITH
CREASON
KROHN

76S420 B & E-353 9-55

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY F.E. Brooks DATE
NOTES BY R. Smith DATE 22 Apr 74 NOTES CHK. BY ARIO
INDEXED G. D. BAILEY DATE APR 26 1974 DATE 5-6-74

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
~~FD.~~ BM 55-41	69.535					BM 55-41 Elev. 69.535 (1960 adj.)
+	5.034					F.B. 2448-39
π	74.569					Edgemere Dr. and Henrietta St.
−	5.127					N.W. Cor. Co. Engr. BM mon in well
T.P	69.442					in side walk.
+	4.600					
π	74.042					
−	5.209					
T.P	68.833					
+	4.766					
π	73.599					
−	4.600					
T.P	68.999					
+	5.523					
π	74.522					
−	4.721					
T.P	69.801					
+	5.387					
π	75.188					
−	4.095					
T.P	71.093					
+	6.088					
π	77.181					
−	0.702					
T.P	76.479					
+	10.409					
π	86.888					
−	3.507					
T.P	83.381					

CONT'D

F.B. 2462 PG. 130

765420 S & E-353 9-55

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	83.381					
+	7.108					
π	90.489					
−	2.309					
T.P	88.180					
+	9.129					
π	97.309					
−	2.413					
T.P	94.896					
+	6.365					
π	101.261					
−	5.719					
T.P	95.542					
+	4.681					
π	100.223					
FD −	5.578					
BM 55-40	94.645					BM 55-40 ELEV. 94.644 (1960 ADJ)
+	5.467					ENTRADERO AVE & DEL AMO
π	100.112					BLVD 55.8' NO. + 25.0' EAST
−	4.570					OF APPROX. ℄ INT. IN SIDEWALK
T.P	95.542					IN CONC 10" BELOW SIDEWALK
+	5.643					IN A WELL + PROTECTED BY A
π	101.185					CAST IRON COVER MARKED
−	6.185					"COUNTY ENGINEER MONUMENT"
T.P	95.000					
+	2.237					
π	97.237					
−	9.243					
T.P	87.994					

CONT'D

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD. [illegible] NOTES BY R. Smith DATE 22 April 1974
DATE 5-6-74 INDEXED G. D. BAILEY DATE APR 26 1974

F. B. 2462 PG. 131

F. B. 2462 PG. 132

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY F E Brooks DATE
NOTES BY R Smith DATE 22 April 74 NOTES CHKD. R. HILARIO
INDEXED G. D. BAILEY DATE APR 26 1974 DATE 5-6-74

76S420 S & E-353 9-55

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
+	87.994					
⊼	1.932					
−	89.926					
T.P	6.237					
+	83.689					
⊼	8.609					
−	92.298					
T.P	0.468					
+	91.830					
⊼	10.660					
−	102.490					
T.P	0.628					
+	101.862					
⊼	7.684					
−	109.546					
T.P	4.770					
+	104.776					
⊼	5.152					
−	109.928					
T.P	4.960					
+	104.968					
⊼	6.363					
−	111.331					
T.P	4.369					
+	106.962					
⊼	6.460					
−	113.422					
T.P	2.368					
	111.054					

CONT'D

768420 S & E-353 9-55

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NOTES RED _____ JOB NO 0301.00 SURVEY OF GEODETIC CONTROL
DATE _____ SURVEY BY R E BROOKS.
NOTES CHKD. HILARY NOTES BY R SMITH DATE 4-22-74
DATE 5-6-74 INDEXED D. BAILEY DATE APR 26 1974

F. B2462 Pg. 133

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	111.054					
+	9.899					
⊼	120.953					
−	0.352					
	120.601					
+	8.481					
⊼	129.082					
−	1.115					
T.P	127.967					
+	10.194					
⊼	138.161					
−	1.146					
T.P	137.015					
+	10.006					
⊼	147.021					
−	0.655					
T.P	146.366					
+	10.209					
⊼	156.575					
−	2.329					
T.P	154.246					
+	1.784					
⊼	156.030					
−	11.457					
T.P	144.573					
+	0.949					
⊼	145.522					
−	6.180					
T.P	139.342					

CONT'D

768420 S & E-353 9-55

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JOB NO. 0301 00 SURVEY OF GEODETIC CONTROL NOTES RED. DATE
SURVEY BY E. BROOKS
NOTES BY R. SMITH DATE 4-22-74 NOTES CHKD HILARIO
INDEXED G. D. BAILEY DATE APR 26 1974 DATE ELEV

F.B. 2462 PG. 134

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	139.342					
+	4.403					
BS	143.745					
-	1.434					
T.P.	142.311					
+	11.731					
BS	154.042					
-	0.413					
T.P.	153.629					
+	10.261					
BS	163.890					
-	1.221					
T.P.	162.669					
+	7.082					
BS	169.751					
-	4.749					
T.P.	165.002					
+	4.518					
BS	169.520					
-	3.595					
Set T.B.M.	165.925					T.B.M. ELEV. NEAR BERYL ST. & PROSPECT AVE., SOUTH BAY HOSP. @ EMERGENCY ENTRANCE. IN CURBING OF VENTILATION WELLS 0.8' FROM WALL A PK IN LEAD
+	3.246					
BS	169.171					
-	4.168					
T.P.	165.003					
+	4.789					
BS	169.792					
-	7.125					
T.P.	162.667					

CONT'D

765420 S & E-353 9-55

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

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NOTES RED _____ JOB NO. 03601.00 SURVEY OF GEODETIC CONTROL
DATE _____ SURVEY BY F.E. BROOKS
NOTES CHKD HILARIO NOTES BY P.SMITH DATE 4-22-74
DATE 5-6-74 INDEXED R.D. BAILEY DATE APR 26 1974

F.B. 2462 Pg. 135

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	162.667					
+	1.366					
⊼	164.033					
−	10.404					
T.P	153.629					
+	0.303					
⊼	153.932					
−	11.622					
T.P	142.310					
+	1.519					
⊼	143.829					
−	4.485					
T.P	139.344					
+	6.139					
⊼	145.483					
−	0.909					
T.P	144.574					
+	11.560					
⊼	156.134					
−	1.883					
T.P	154.251					
+	2.286					
⊼	156.537					
−	10.169					
T.P	146.368					
+	0.503					
⊼	146.871					
−	10.404					
T.P	136.467			CONT'D		

768420 S & E-353 9-55

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Do not extend notes this side of this line

JOB NO. 23100 SURVEY OF GEODETIC CONTROL NOTES RED. DATE
SURVEY BY F. B. BROOKS
NOTES BY R. SAINT DATE 4-22-74 NOTES CHKD HILARIO
INDEXED G. D. BAILEY DATE APR 26 1974 DATE 5-7-74

F. B 2462 Pg. 136

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P.	136.467					
+	1.916					
℄	138.383					
−	10.414					
T.P.	127.969					
+	1.540					
℄	129.509					
−	8.904					
T.P.	120.605					
+	0.531					
℄	121.136					
−	10.080					
T.P.	111.056					
+	2.505					
℄	113.561					
−	6.597					
T.P.	106.964					
+	4.384					
℄	111.348					
−	6.377					
T.P.	104.971					
+	5.349					
℄	110.320					
−	5.544					
T.P.	104.776					
+	4.863					
℄	109.639					
−	7.775					
T.P.	101.864			CONT'D		

768420 S & E-353 9-55

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NOTES RED _____ JOB NO. 6301.00 SURVEY OF Geodetic Control F. B. 2462 Pg. 137
DATE _____ SURVEY BY E E BROOKS
NOTES CHKD. R. HILARIO NOTES BY R SMITH DATE 4-22-74
DATE 5-6-74 INDEXED G. D. BAILEY DATE APR 26 1974

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	101.864					
+	0.629					
⊼	102.493					
−	10.663					
T.P	91.830					
+	0.330					
⊼	92.160					
−	8.469					
T.P.	83.691					
+	6.129					
⊼	89.820					
−	1.088					
T.P	88.732					
+	8.682					
⊼	97.414					
−	2.642					
T.P	94.772					
+	6.470					
⊼	101.242					
−	5721					
T.P	95.521					
+	4.794					
⊼	100.315					
−	5671					
FD BM 55-40	94.644					BM 55-40 ELEV. 94.644 1960 ADJ

SEE PAGE # 131

76S420 S & E-353 9-55

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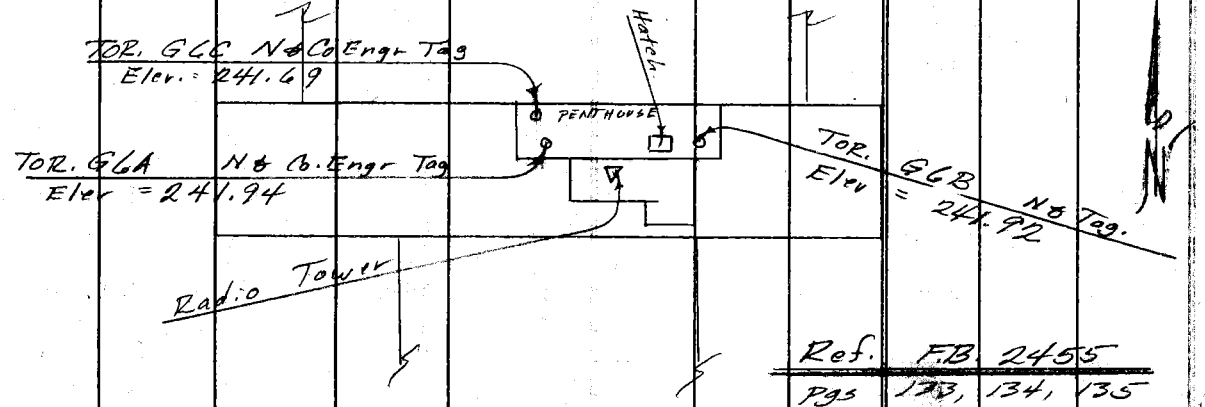
B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
	165.93	/	P.K. spk		per pg 134	
	52.73		+ meas.			
	218.66	/	Top of wall			
	1.45		+ Rod			
	220.11	/	⊼ and mark on Penthouse wall			
	22.80	/	+ meas			
	242.91		Top wall			
	4.19		+ Rod.			
	247.10	/	⊼			

	TORRANCE G6A	TORRANCE G6B	TORRANCE G6C
⊼	247.10	247.10	247.10
—	5.16	5.18	5.41
Elev.	241.94 /	241.92 /	241.69 /



Ref. F.B. 2455
Pgs 133, 134, 135

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 23 April 74 NOTES CHKD.
INDEXED G. D. BAILEY DATE APR 26 1974 DATE 5-6-74

F.B. 2442 Pg. 138

NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 139

DATE _____ SURVEY BY FE Brooks

NOTES CHKD. _____ NOTES BY FEB DATE 13 June 74

DATE _____ INDEXED R. J. GALLI DATE JUL 29 1974

S/N 0301.00

GEODETIC CONTROL

ELEVATIONS

ON INGLEWOOD E-1C

BALDWIN (HOLLYWOOD E-1Z)

HOLLYWOOD D-11

Brooks
Smith
Creason
Krohn.

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

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

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766420 8 & E-353 9-55

769420 8 a E-353 9-55

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Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED. DATE
SURVEY BY F.E. Brooks NOTES CHKD. DATE
NOTES BY F.E.B. DATE 13 June 74
INDEXED B.J. GALLI DATE JUL 29 1974

F.B. 2462 Pg. 140

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 54-7B	409.533					BM 54-7B Elev 409.533 (1970 adj.) FB 3704 Pg 108 stacker st. S. side 1st P.I. westly of La Brea a Rd. Dept. Mon.
+	11.528					
⊼	421.061					
−	11.731					
BM 54-7C	409.330					BM54-7C Elev. 409.337 (1970 adj.) FB 3704 Pg 109 stacker st. S. side 1st P.I. Westly of La Brea a City of L.A. Eng. Mon.
+	11.599					
⊼	420.929					
−	1.602					
TP # 1	419.327					
+	8.731					
⊼	428.058					
−	2.049					
TP # 2	426.009					
+	9.327					
⊼	435.336					
−	2.742					
BM 54-7	432.594					BM 54-7 Elev. 432.505 (1970 adj.) FB 2433 Pg 13 stacker st. and La Brea Ave. 130' Southly of inter on prod of La Brea from North a Rd. Dept. Mon.
+	3.667					
⊼	436.261					
−	2.928					
TP # 3	433.333					
+	6.033					
⊼	439.366					
−	3.534					
TP # 4	435.832					
+	10.389					
⊼	446.221					
−	0.690					
TP # 5	445.531					

765420 S & E-353 9-55

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NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geod. Lic. Control
DATE _____ SURVEY BY FE Brooks
NOTES CHKD. _____ NOTES BY FEB DATE 13 June 74
DATE _____ INDEXED R. J. GALLI DATE JUL 2 0 1974

F. B. 7442 PG. 141

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP # 5	445.531					
+	9.812					
=	455.343					
-	0.301					
TP # 6	455.042					
+	11.452					
=	466.494					
-	0.573					
TP # 7	465.921					
+	11.683					
=	477.604					
-	4.469					
TP # 8	473.135	x				
+	6.108					
=	479.243					
-	0.899					
TP #9	478.344					
+	6.158					
=	484.502					
-	7.977					
ING E-1C	476.525					INGLEWOOD E-1C
+	7.370					A 3½" Brass Disk set in cone 10" dn.
=	483.895					in a well in center of oil field Rd.
-	4.982					see Pg. 153
ING E-1C RM 1	478.913					INGLEWOOD E-1C RM 1
+	3.988					A 3½" Brass Disk set in a 6" conc
=	482.901					post 3" up. see pg. 153
-	9.012					
ING E-1C RM 2	473.889					INGLEWOOD E-1C

768420 S & E-353 9-55

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
ING E-1C RM-2	473.889					INGLEWOOD E-1C RM2
+	10.389					A 3½" Brass Disk set in a 6" Conc.
⊼	484.278					post 3" up see Pg. 153
−	10.419					
TP # 10	473.859	x				
+	4.043					
⊼	477.902					
−	4.740					
TP # 11	473.162	x				
+	5.968					
⊼	479.130					
−	1.192					
TP # 12	477.938					
+	6.148					
⊼	484.086					
−	8.889					
TP # 13	475.197					
+	7.483					
⊼	482.680					
−	1.838					
TP # 14	480.842					
+	6.708					
⊼	487.550					
−	3.347					
TP 15	484.203					
+	7.322					
⊼	491.525					
−	2.699					
TP 16	488.826					

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY F E Brooks DATE
NOTES BY F E B DATE 13 June 74 NOTES CHKD.
INDEXED C. J. GALLI DATE JUL 29 1974 DATE

F. B. 2462 PG. 142

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #16	488.826					
+	7.449					
π	496.275					
−	1.720					
TP #17	494.555					
+	8.266					
π	502.821					
−	1.606					
TP #18	501.215					
+	5.819					
π	507.034					
−	6.328					
TP #19	500.706					
+	9.317					
π	510.023					
−	4.490					
TP #20	505.533					
+	6.994					
π	512.527					
−	1.856					
BALDWIN	510.671					BALDWIN.
+	4.253					A 3½" Brass Disk set in a 12" sq conc post
π	514.924					3" up. see pg. 154
−	4.720					
BALDWIN ECC-1	510.204					BALDWIN ECC 1
+	4.775					A 1" I.P. Conc. Plug & Co. Engr tag
π	514.979					stamped ECC-1 see pg. 154
−	5.235					
BALDWIN AUX	509.744					BALDWIN AUX.

PAGE 154

NOTES RED ____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE ____ SURVEY BY FE Brooks
NOTES CHKD. ____ NOTES BY FEB DATE 13 June 74
DATE ____ INDEXED O. J. GALLI DATE JUL 29 1974

F.B. 2462 PG. 143

768420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FEB Brwk DATE
NOTES BY FEB DATE 13 June 74 NOTES CHKD.
INDEXED C. J. GALLI DATE JUL 29 1974 DATE

F. B. 2462 PG. 144

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BALDWIN AUX	509.744					BALDWIN AUX.
+	3.531					A 3½" Brass Disk set in conc. 3"
↑	513.275					dn. see pg. 154
−	9.688					
TP 21	503.587					
+	1.313					
↑	504.900					
−	7.375					
TP # 22	497.525	*				
+	2.688					
↑	500.213					
−	10.069					
TP #23	490.144					
+	2.312					
↑	492.456					
−	8.351					
TP # 24	484.105					
+	2.145					
↑	486.250					
−	10.196					
TP # 25	476.054					
+	0.293					
↑	476.347					
−	10.526					
TP # 26	465.821					
+	0.204					
↑	466.025					
−	10.730					
TP # 27	455.295	*				

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP # 27	455.295					
+	0.994					
π	456.289					
−	6.038					
TP # 28	450.251					
+	4.267					
π	454.518					
−	5.670					
TP # 29	448.848					
+	5.218					
π	454.066					
−	4.945					
TP # 30	449.121					
+	4.876					
π	453.997					
−	5.674					
TP # 31	448.323					
+	4.908					
π	453.231					
−	4.822					
TP # 32	448.409					
+	5.461					
π	453.870					
−	5.111					
TP # 33	448.759					
+	6.158					
π	454.917					
−	7.498					
TP # 34	447.419					

NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY FE Brooks
NOTES CHKD. _____ NOTES BY FE B DATE 13 June 74
DATE _____ INDEXED G. J. GALLI DATE JUL 29 1974

F. B. 2462 PG. 145

765420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FES DATE 13 June 74 NOTES CHKD.
INDEXED C. J. GALLI DATE JUL 29 1974

F. B. 2442 Pg. 146

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP # 34	447.419					
+	11.513					
=	458.932					
−	0.774					
TP # 35	458.158					
+	10.642					
=	468.800					
−	0.188					
TP # 36	468.612					
+	11.458					
=	480.070					
−	0.740					
TP # 37	479.330					
+	11.820					
=	491.150	✓				
−	0.262					
TP # 38	490.888					
+	11.682					
=	502.570					
−	2.344					
TP # 39	500.226					
+	9.659					
=	509.885					
−	2.111					
TP # 40	507.774					
+	7.570					
=	515.344					
−	7.705					
TP # 41	507.639	✓				

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP # 41	507.639	✓				
+	4.440					
π	512.079					
−	10.124					
TP # 42	501.955					
+	3.935					
π	505.890					
−	7.633					
HOLLYWOOD D-11	498.257					HOLLYWOOD D-11
+	5.568					A 3½" Brass Disk set in Conc 10" dn in
π	503.825					a well see pg. 155
−	7.051					
S. E. Cor.	496.774					S. E. Cor. of Tower #1616
+	6.889					A L&T in Conc footing
π	503.663					See pg. 155
−	6.901					
S. W. Cor.	496.762					S. W. Cor. of Tower #1616 (PBM 368)
+	7.430					A L&T in conc footing
π	504.192					See pg 155
−	3.133					
HOLLYWOOD D-11 RM 1	501.059	*				HOLLYWOOD D-11 RM-1
+	+ 2.954					A 3½" Brass Disk set in a 12" sq.
π	504.013					Conc post 3" up. see pg 155
−	11.491					
TP # 43	492.522					
+	0.325					
π	492.847					
−	11.537					
TP # 44	481.310					

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE SURVEY BY FE Brooks
NOTES CHKD. NOTES BY FEB DATE 13 June 74
DATE INDEXED G. J. GALLI DATE JUL 29 1974

F. B. 2462 PG. 147

765420 S & E-353 9-55

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JOB NO. 0301 00 SURVEY OF GEODETIC CONTROL NOTES RED. DATE
SURVEY BY F.E. BROOKS
NOTES BY R. SMITH DATE 6-20-74 NOTES CHKD.
INDEXED C. J. GALLI DATE JUL 29 1974 DATE

F.B. 2462 PG. 148

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #44	481 310					
+	0.188					
=	481.498					
−	11.591					
TP #45	469 907					
+	6.195					
=	476.102					
−	8.041					
TP #46	468.061					
+	8.682					
=	476.743					
−	2.726					
TP #47	474.017					
+	8.198					
=	482.215					
−	3.131					
TP #48	479.084					
+	6.671					
=	485.755					
−	4.641					
TP #49	481.114					
+	4.975					
=	486.089					
−	5.196					
TP #50	480.893 ✓					
+	5.379					
=	486.272					
−	5.303					
TP #51	480.969					

768420 S & E-353 9-55

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NOTES RED _____ JOB NO 0301.00 SURVEY OF Geodetic Control F. B. 2412 PG. 142
DATE _____ SURVEY BY T. E. Brooks
NOTES CHKD. _____ NOTES BY R. Smith DATE 6-20-74
DATE _____ INDEXED _____ DATE JUL 29 1974

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #51	480.969					
+	5.099					
=	486.068					
−	5.162					
TP #52	480.906					
+	5.131					
=	486.037					
−	5.323					
TP #53	480.714					
+	5.283					
=	485.997					
−	5.268					
TP #54	480.729					
+	5.168					
=	485.897					
−	4.999					
TP #55	480.898					
+	6.333					
=	487.231					
−	2.868					
TP #56	483.363					
+	11.832					
=	495.195					
−	0.386					
TP #57	494.809					
+	8.610					
=	503.419					
−	0.414					
TP #58	503.005					

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* BALDWIN AUX

Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED. DATE
SURVEY BY H.E. BROOKS
NOTES BY R. SMITH DATE 6-28-74 NOTES CHKD.
INDEXED C.J. GALLI DATE JUL 29 1974 DATE

F.B. 2412 PG. 156

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #58	503.005					
+	10.765					
=	513.770					
−	4.020					
TP #59	509.750	*				
+	0.766					
=	510.516					
−	7.845					
TP #60	502.671					
+	3.042					
=	505.713					
−	3.482					
TP #61	502.231					
+	2.202					
=	504.433					
−	8.811					
TP #62	495.622					
+	1.258					
=	496.880					
−	7.704					
TP #63	489.176					
+	2.432					
=	491.608					
−	7.588					
TP #64	484.020					
+	3.070					
=	487.090					
−	7.444					
TP #65	479.646					

769420 S & E-353 9-55

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★ INCLUDE RM #1

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP ±65	479.646					
+	1.901					
=	481.547					
−	6.405					
TP #66	475.142					
+	8.369					
=	483.511					
−	7.968					
TP #67	475.543					
+	2.309					
=	477.852					
−	2.870					
TP #68	474.982					
+	9.371					
=	484.353					
−	5.437					
TP #69	478.916	★				
+	4.404					
=	483.320					
−	10.363					
TP #70	472.957					
+	2.826					
=	475.783					
−	11.768					
TP #71	464.015					
+	0.380					
=	464.395					
−	11.923					
TP #72	452.472					

NOTES RED _____ JOB NO 03010.00 SURVEY OF GEODETIC CONTROL F. B. 2482 PG. 157
DATE _____ SURVEY BY F.E. BROOKS
NOTES CHKD. _____ NOTES BY R. SMITH DATE 6-20-74
DATE _____ INDEXED D. J. GALL DATE JUL 29 1974

765420 S & E-353 9-55

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JOB NO. 030100 SURVEY OF GEODETIC CONTROL NOTES RED. DATE
SURVEY BY F.E. BROOKS
NOTES BY R. SMITH DATE 6-28-74 NOTES CHKD.
INDEXED C.J. GALLI DATE JUL 29 1974

F.B. 2462 PG. 152

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP #72	452.472					
+	0.505					
=	452.977					
-	9.700					
TP #73	443.277					
+	0.758					
=	444.035					
-	8.549					
TP #74	435.486					
+	4.069					
=	439.555					
-	7.170					
TP 75	432.385					
+	3.493					
=	435.878					
-	3.291					
BM.	432.587					

765420 S & E-353 9-55

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Do not extend notes this side of this line

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

EL 473.889 PAGE 142

RM #2
4" BRASS DISC IN
6" CONC POST

INGLEWOOD E-1C
4" BRASS DISC IN CONC
IN H.H. W// CAST IRON
COVER

EL 476.525
PAGE 141

MARKER PIPE

FIELD ROAD

270' ± TO SID OIL WELL # BR. 73

MARKER PIPE

OIL

RM #1
4" BRASS DISC IN
6" CONC POST
EL 478.913
PAGE 141

NOTES RED _____ JOB NO 0301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY EE Brooks DATE 6-20-74
NOTES CHKD. _____ NOTES BY _____ DATE _____
DATE _____ INDEXED C. J. GALLI DATE JUL 29 1974

F. B. 2462 PG. 153

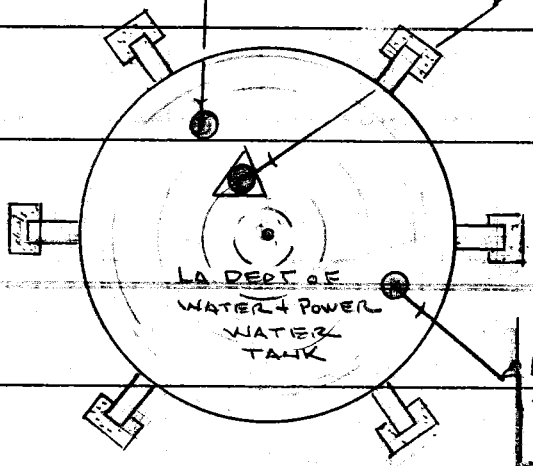
F. B. 2462 PG. 154

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED. ____
SURVEY BY FE Brooks DATE ____
NOTES BY RDS DATE 6-20-74 NOTES CHKD. ____
INDEXED C. J. GALLI DATE JUL 29 1974 DATE ____

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

EL 510.204
PAGE 143
BALDWIN ECC
1" I.P CONC PLUG

EL 510.671
PAGE 143
BALDWIN E-12
4" BRASS DISC IN
12" CONC POST



BALDWIN AUX
4" BRASS DISC
IN CONC.
EL 509.744
PAGE 143

REF 2453-231

Do not extend notes this side of this line

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765430 S & E-353 9-55

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control | F.B. 2462 PG. 155
DATE SURVEY BY FE Brooks
NOTES CHKD. NOTES BY RDS DATE 6-20-74
DATE INDEXED C. J. GALLI DATE JUL 29 1974

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

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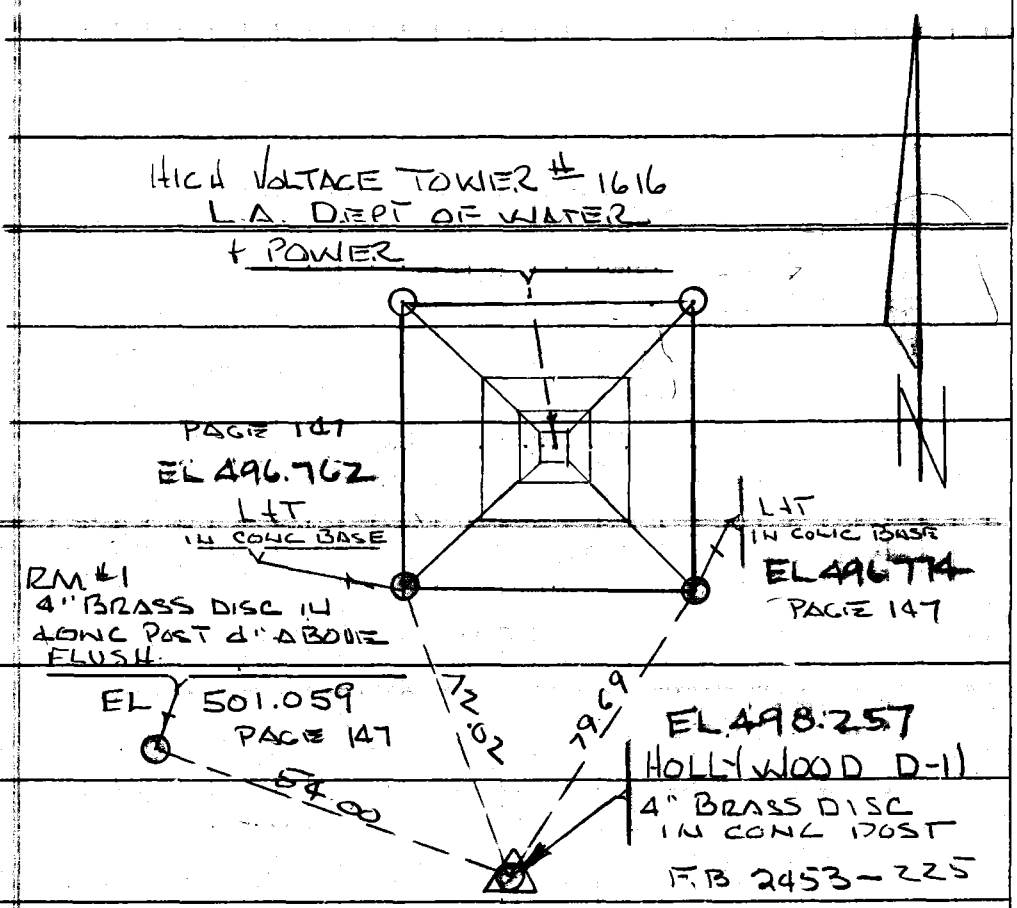
76S420 S & E-353 9-55

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



REF 2453-225

F. B. 2462 PG. 156

JOB NO. ______ SURVEY OF ______ NOTES RED. ______
SURVEY BY ______ DATE ______
NOTES BY ______ DATE ______ NOTES CHKD. ______
INDEXED ______ DATE ______ DATE ______

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

Do not extend notes this side of this line

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76S420 S & E-353 9-55

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control | F. B. 2462 PG. 1ST

DATE SURVEY BY FE Brooks

NOTES CHKD. NOTES BY FEB DATE 18 June 74

DATE INDEXED C. J. GALLI DATE JUL 29 1974

DESCRIPTION

SN 0301.00

GEODETIC CONTROL

ELEVATIONS

ON. HOLLYWOOD C-12

HOLLYWOOD C-10

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

Brooks
Smith
Krohn.

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

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Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY F.E. Brooks DATE
NOTES BY F.E.B. DATE 10 June 74 NOTES CHKD.
INDEXED C. J. GALLI DATE JUL 23 1974

F.B. 2462 Pg. 158

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 54-10A	388.999					BM 54-10A Elev. 388.999 (1970 adj.) F.B. 3704-119 W. of La Cienega Blvd about 0.4 mile N. of Stocker St. in the base of flag pole at old location of Std. Oil Co. offices A. L.A. City Brass Disk
+	2.537					
⊼	391.532					
−	9.124					
TP 1	382.408					
+	9.447					
⊼	391.855					
−	0.692					
TP 2	391.163					
+	6.212					
⊼	397.375					
−	6.216					
HOLLYWOOD C-12-RM3	391.159					HOLLYWOOD C-12 RM 3 A 4" Brass Disk in conc in a well
+	6.269					
⊼	397.428					
−	1.375					
HOLLYWOOD C-12	396.053					HOLLWOOD C-12 A 4" Brass Disk set in a 12" sq conc post flush.
+	1.085					
⊼	397.138					
−	6.762					
TP 3	390.376					
+	4.348					
⊼	394.724					
−	4.087					
TP 4	390.637	✓				
+	7.250					
⊼	397.887					
−	1.239					
TP 5	396.648					

768420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 5	396.648					
+	8.280					
=	404.928					
-	0.940					
BM 54-10	403.988					BM54-10 Elev. 403.910 (1970 adj.)
+	5.770					F.B. 2433-1L
=	409.758					At Std. Oil Co. Well Vickers-1 #35
-	5.355					Brass screw in lead in w. corn. of W.
TP 6	404.403					abutment for tower.
+	4.853					
=	409.256					
-	6.040					
TP 7	403.216					
+	3.533					
=	406.749					
-	8.420					
TP 8	398.329					
+	4.293					
=	402.622					
-	1.555					
TP 9	401.067					
+	11.420					
=	412.487					
-	8.430					
TP 10	404.057					
+	4.235					
=	408.292					
-	11.283					
TP 11	397.009					

NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY FE Brooks F.B. 2442 PG. 159
NOTES CHKD. _____ NOTES BY FE B DATE 18 June 74
DATE _____ INDEXED G.J. GALLI DATE JUL 29 1974

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413.628
10.230
403.398

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JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY RE Brooks DATE
NOTES BY FEB DATE 18 Sept 74 NOTES CHKD.
INDEXED O. J. GALL DATE JUL 29 1974 DATE

F. B. 2462 Pg. 160

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 11	397.009	←				
+	8.367					
∧	405.376					
−	0.730					
TP 12	404.646					
+	5.894					
∧	410.540					
−	0.782					
TP 13	409.758					
+	3.870					
∧	413.628					
−	10.905					
TP 14	402.723		ck TP. sq hd spk.			
+	0.928					
∧	403.651					
−	11.459					
TP 15	392.192					
+	0.297					
∧	392.489					
−	11.575					
TP 16	380.914					
+	1.025					
∧	381.939					
−	0.743					
TP 17	381.196					
+	11.464					
∧	392.660					
−	0.303					
TP 18	392.357	←				

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NOTES RED _____ JOB NO. 301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY F E Brooks
NOTES CHKD. _____ NOTES BY F E B DATE 18 June 74
DATE _____ INDEXED R. J. GALLI DATE JUL 29 1974
F. B. 2462 Pg. 161

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP # 18	392.357	x				
+	11.800					
=	404.157					
-	0.870					
TP 19	403.387	ok pt	sq hd.	spk.		
+	6.205					
=	409.592					
-	2.670					
TP 20	406.922					
+	3.070					
=	409.992	x				
-	11.520					
TP 21	398.472					
+	0.403					
=	398.875					
-	7.512					
TP 22	391.363					
+	4.175					
=	395.538					
-	4.930					
TP 23	390.608					
+	1.910					
=	392.518					
-	5.310					
TP 24	387.208					
+	11.170					
=	398.378					
-	0.224					
TP 25	398.154	v				

768420 S & E-353 9-55

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JOB NO. 0701.00 SURVEY OF Geodetic control NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 18 June 74 NOTES CHKD.
INDEXED C. J. GALLI DATE JUL 29 1974 DATE

F.B. 2412 PG. 162

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 25	398.154	-				
+	11.490					
⏊	409.644					
−	1.212					
TP 26	408.432					
+	11.609					
⏊	420.032					
−	4.990					
TP 27	415.042	x				
+	5.212					
⏊	420.254					
−	5.404					
TP 28	414.850					
+	9.312					
⏊	424.162					
−	3.563					
TP 29	420.599					
+	4.450					
⏊	425.049					
−	8.577					
TP 30	416.472	-				
+	5.743					
⏊	422.215					
−	4.483					
L&C. Engr Tag	417.732					L&C. Engr Tag in conc. slab
+	4.492					
⏊	422.224					
−	3.578					
H.D. Brown	418.646	✓				A 2½" Brass Cap flush

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
H.D. Brown	418.646	-				
+	3.660					
π	422.306					
-	3.488					
Hollywood C-10	418.818					Hollywood C-10
+	3.278					A 4" Brass Disk set in a 12" sq Conc
π	422.096					post flush.
-	4.350					
L&T	417.746					L&T in Conc. Slab.
+	3.262					
π	421.008					
-	4.026					
TP 31	416.982					
+	8.004					
π	424.986					
-	4.388					
TP 32	420.598					
+	3.917					
π	424.515					
-	9.553					
TP 33	414.962					
+	4.762					
π	419.725					
-	4.900					
TP 34	414.825					
+	5.192					
π	420.017					
-	10.315					
TP 35	409.702	-				

NOTES RED _____ JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE _____ SURVEY BY FE Brooks
NOTES CHKD. _____ NOTES BY FEB DATE 18 June 74
DATE _____ INDEXED R. J. GALLI DATE JUL 29 1974

F. B. 2462 PG. 163

768420 S & E-353 9-55

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

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

Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED.
SURVEY BY F.E. Brooks DATE
NOTES BY F.E.B. DATE 12 June 74 NOTES CHKD.
INDEXED C.J. GALLI DATE JUL 29 1974

F.B. 2462 PG. 164

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 35	409.702	-				
+	0.406					
=	410.108					
-	11.188					
TP 36	398.920					
+	0.778					
=	399.698					
-	11.383					
TP 37	388.315					
+	4.683					
=	392.998					
-	3.910					
TP 38	389.088	-				
+	6.465					
=	395.553					
-	4.268					
TP 39	391.285					
+	5.900					
=	397.185					
-	0.730					
TP 40	396.455					
+	10.714					
=	407.169					
-	1.248					
TP 41	405.921					
+	5.270					
=	411.191					
-	7.813					
TP 42	403.378	-				

769420 S & E-353 9-55

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 42	407.378	✓				
+	5.928					
=	409.306					
−	6.580					
TP 43	402.726		ck pt.	Sg hol	Sglk.	
+	11.317					
=	414.043					
−	4.374					
TP 44	409.669					
+	0.300					
=	409.969					
−	5.258					
TP 45	404.711					
+	0.295					
=	405.006					
−	8.000					
TP 46	397.006					
+	10.340					
=	407.346	✓				
−	3.284					
TP 47	404.062					
+	7.153					
=	411.215					
−	8.500					
TP 48	402.715					
+	0.700					
=	403.415					
−	5.660					
TP 49	397.755	✓				

NOTES RED. JOB NO. 0301.00 SURVEY OF Geodetic Control
DATE SURVEY BY F.E. Brooks
NOTES CHKD. NOTES BY F.E.B. DATE 18 June 74
DATE INDEXED G.J. GALLI DATE JUL 29 1974

F. B. 2462 PG. 165

765420 S & E-353 9-55

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

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

Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Goodelle Canal NOTES RED.
SURVEY BY FE Brooks DATE
NOTES BY FEB DATE 8 Jan 74 NOTES CHKD.
INDEXED A. J. GALLI DATE JUL 29 1974

F.B. 2433 Pg. 146

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP 49	397.755					
+	6.630					
⊼	404.385					
−	2.368					
TP 50	402.017					
+	6.295					
⊼	408.312					
−	4.060					
TP 51	404.252					
+	4.920					
⊼	409.172					
−	5.386					
TP 52	403.786					
+	3.309					
⊼	407.095					
−	3.098					
BM 54-10	403.997					BM 54-10 Elev. 403.910 (1970 adj.)
						F.B. 2433-K
						AT Std. Oil Co. Well Vickers-1 #35-
						A Brass screw in lead.

NOTES RED. ______ JOB NO. 0301.00 SURVEY OF Geodetic Control | F.B. 2462 PG. 167

DATE ______ SURVEY BY FE Brooks

NOTES CHKD. ______ NOTES BY FEB DATE 18 June 74

DATE ______ INDEXED C. J. GALLI DATE JUL 29 1974

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

HOLLYWOOD C-10

REF F.B. 2453-233

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76S420 S & E-353 9-55

7684-0 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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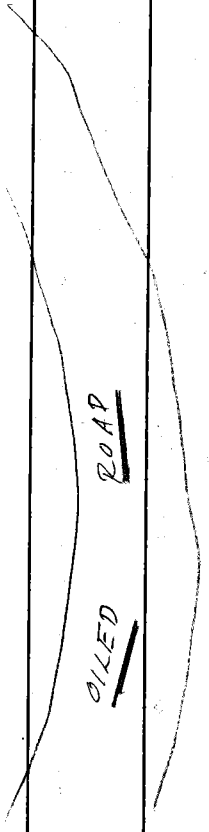
Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF Geodetic Control NOTES RED. _____
SURVEY BY FE Brooks DATE _____
NOTES BY FEB DATE 18 June 74 NOTES CHKD. _____
INDEXED C. J. GALLI DATE JUL 29 1974 DATE _____

F.B. 2462 PG. 168

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						HOLLYWOOD C-12
						HOLLYWOOD C-12 a 4" Brass Disk in a 12" sq Conc Post Elev = 396.053 per Pg 160
						HOLLYWOOD C-12 RM 3 a 4" Brass Disk in Conc in well Elev. 391.159 per Pg 160
						Ref F.B. 2453 - 239



NOTES RED. JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL | F. B. 2462 PG. 169

DATE SURVEY BY F.E. BROOKS

NOTES CHKD. NOTES BY R. SMITH DATE 19 JUNE 1947

DATE INDEXED C. J. GALLI DATE JUL 29 1974

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

Do not extend notes this side of this line

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						J.N. 0301.00
						GEODETIC CONTROL
						ELEVATIONS
						INGLEWOOD D-1
						JUNE 1974
						Smith
						Creason
						Krohn

766420 S & E-353 9-55

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

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

Do not extend notes this side of this line

JOB NO. 0230 LOS SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY F.E. BROOKS. DATE
NOTES BY R.D. SMITH DATE 6-19-74 NOTES CHKD.
INDEXED C.J. GALLI DATE JUL 29 1974 DATE

F.B. 2462 PG. 170

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 54-10A	388.999					BM 54-10A ELEV. 388.999 (1970 ADJ)
+	1.520					F B 3704 - 119
℄	390.519					WEST OF LA CIENEGA BLVD
−	11.850					ABOUT 0.4 MILE NO. STOCKER
TP 1	378.669					ST IN BASE OF FLAGPOLE
+	0.528					AT (OLD LOCATION OF STANDARD
℄	379.197					OIL CO OFFICES IN L.A.
−	0.850					CITY BRASS DISC.
TP 2	378.347					
+	3.346					
℄	381.693					
−	5.973					
TP	375.720					
+	1.053					
℄	376.773					
−	9.800					
TP	366.973					
+	5.127					
℄	372.100					
−	4.378					
TP 4	367.722					
+	7.482					
℄	375.204					
−	0.928					
TP 5	374.276					
+	8.307					
℄	382.583					
−	5.074					
INGLEWOOD D-1	377.509	CONT'D				INGLEWOOD D-1 STD 4" CONTROL MON. F.B. 2453-

765420 S & E-353 9-55

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

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

Do not extend notes this side of this line

NOTES RED _____ JOB NO. 030100 SURVEY OF GEODETIC CONTROL
DATE _____ SURVEY BY P.F. SMITH DATE 6-19-74
NOTES CHKD. _____ NOTES BY P.F. SMITH DATE 6-19-74
DATE _____ INDEXED C.J. GALLI DATE JULY 29 1974

F. B. 82462 Pg. 171

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
INGLEWOOD D-1	377.509					
+	5.175					
=	382.684					
−	10.270					
RM #1	372.414					INGLEWOOD D-1 RM #1
+	10.226					STD RM IN TOP OF CONC
=	382.640					PILLAR UP 4" ABOVE
−	5.547					FLUSH F.B 2453 -
RM #	377.093					RM # (REPLACEMENT)
+	2.322					2" BRASS DISC IN 8"
=	379.415					CONC. POST. STAMPED STANDARD
−	8.070					OIL CO H.H.A 1969
L+T	371.345					L+T TIE TO CTR STA.
+	5.308					C.E. TAG IN LEAD IN N.E.
=	376.653					COR OF CONC PAD. PUMP #4
−	5.691					
INGLEWOOD D-1 AUX-1	370.962					INGLEWOOD D-1 AUX 1
+	6.151					1" I.P. CONC PLUG
=	377.113					C.E. TAG DOWN 4°
−	7.083					F.B 52 - 124
T.P.	370.030					
+	3.592					
=	373.622					
−	6.507					
T.P. 1	367.115					
+	4.952					
=	372.067					
−	1.694					
T.P.	370.423					

CONT'D

765420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

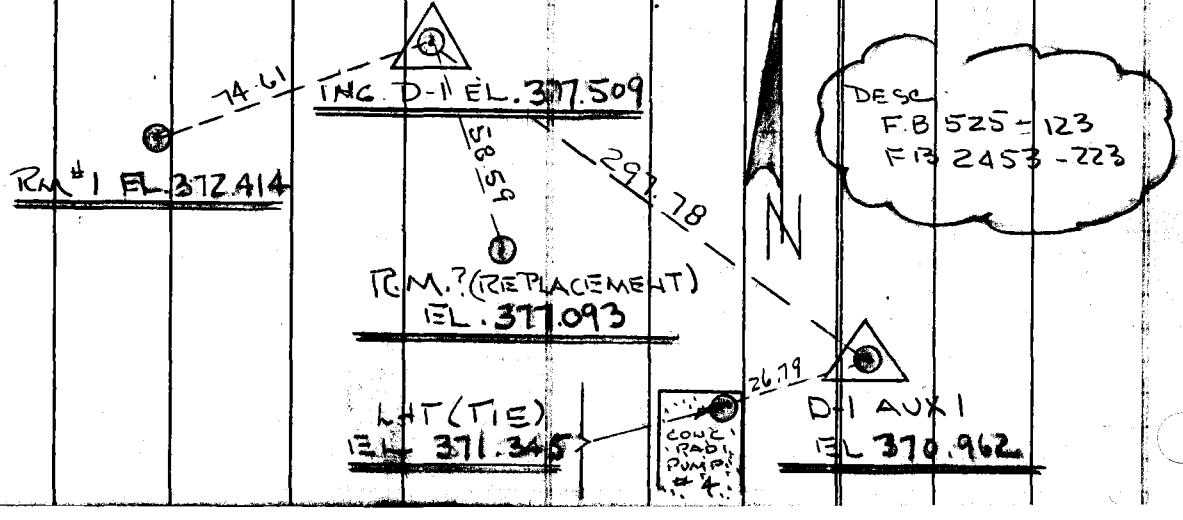
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line

JOB NO. 030100 SURVEY OF GEODETIC CONTROL NOTES RED. DATE
SURVEY BY E. E. BROOKS
NOTES BY R. SMITH DATE 6-19-74 NOTES CHKD.
INDEXED C. J. GALLI DATE JUL 29 1974 DATE

F.B. 2462 PG. 172

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P. 9	370.423					
+	10.947					
=	381.370					
−	4.508					
T.P. 10	376.862					
+	5.964					
=	382.826					
−	4.186					
T.P.	378.640					
+	11.990					
=	390.630					
−	1.633					
BM 54-10A	388.997					BM 54-10A ELEV 388.999 F.B 3704-119 SEE PAGE 170 THIS F.B.



NOTES RED. JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL | F. B2462 PG. 173

DATE SURVEY BY R D Smith

NOTES CHKD. NOTES BY R D S DATE 6-20-74

DATE INDEXED C. J. GALLI DATE JUL 29 1974

J.N 0301.00

GEODETIC CONTROL

ELEVATIONS

INGLEWOOD E-1B

JUNE 1974

Smith
Creason
Krohn

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

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
700 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

765420 S & E-353/9-55

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

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

Do not extend notes this side of this line

JOB NO. 030.00 SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY R.D. SMITH DATE 6-20-74 NOTES CHKD.
NOTES BY R.D.S. DATE JUL 29 1974 DATE
INDEXED C.J. GALLI DATE

F.B. 2462 PG. 174

ED B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 54-8A	340.688					BM 54-8A ELEV 340.688 (1970 ADJ) STOCKER ST. APPROX 0.12 MILES EASTERLY OF FAIRFAX AVE. @ 2ND P.I. WEST OF LA BREA AVE. 50 OF E. END OF A STEEL GUARD RAIL W/ RAIL ROAD RAIL POSTS 19.0' SO OF THE MOST EASTERLY POST + 36.0' EASTERLY OF THE FOURTH POST WEST OF THE EAST END. 7" DN 14 A WELL W/ A CAST IRON COVER MARKED "L.A. COUNTY ROAD DEPT."
+	3.132					
	343.820					
-	9.026					
TP	334.794					
+	1.038					
	335.832					
-	8.273					
T.P	327.559					
+	1.082					
	328.641					
-	4.635					
TP	324.006					
+	6.548					
	330.554					
-	9.836					
BM 54-9	320.718					BM 54-9 ELEV 320.669 (1970 ADJ)
+	9.672					
	330.390					
-	7.999					
T.P	322.391					
+	7.413					
	329.804					
-	0.942					
T.P	328.862					
+	9.311					
	338.173					
-	0.668					
T.P	337.505					

769420 S & E-353 9-55

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

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Do not extend notes this side of this line

NOTES RED _____ JOB NO 0501.00 SURVEY OF GEODETIC CONTROL
DATE _____ SURVEY BY R D SMITH
NOTES CHKD. _____ NOTES BY R R S DATE 6-20-74
DATE _____ INDEXED C. J. GALLI DATE JUL 29 1974

F. B. 2462 PG. 175

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	342.565					
+	4.848					
	347.413					
-	4.960					
T.P	342.453					
+	2.825					
	345.278					
-	7.623					
T.P	337.655					
+	0.591					
	338.246					
-	9.388					
T.P	328.858					
+	0.990					
	329.848					
-	7.463					
T.P	322.385					
+	7.878					
	330.263					
-	9.553					
BM 54-9	320.710					BM 54-9 ELEV. 320.669
+	11.564					
	332.274					
-	8.278					
T.P	323.996					
+	9.363					
	333.359					
-	3.334					
T.P.	330.025					

768420 S & E-353 9-55

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

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

Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY RDS Smith DATE NOTES CHKD.
NOTES BY RDS DATE 6-20-74
INDEXED C. J. GALLI DATE JUL 29 1974

F.B. 8242 PG. 176

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	337.505					
+ K	7.359					
T.P	349.864					
+ K	2.250					
T.P	342.614					
+ K	4.996					
T.P	347.610					
+ K	0.587					
SET	347.023					
INCLEWOOD E-1B	7.834					
+ K	354.857					
SET	4.943					
INCLEWOOD E-1B	349.914					1½ BRASS DISC IN 10" DIA. CONC POST. MARKED E-9-1 (NO REF) SEE Pg 178
+ K	4.950					
SET	354.864					
INCLEWOOD E-1B	6.945					
	347.919					INCLEWOOD E-1B A BRASS DISC SET IN CONC & STAMPED LHA A STA-0-A 1965 + IN A H.H. COVERED W/ A CAST IRON COVER. MARKED L.A. CITY ENGINEER - INC SEE Pg 178
+ K	7.004					
SET	354.923					
L+T	5.735					L+T IN CONC PAD SEE Pg 178
+ K	349.188					
T.P	3.928					
	353.116					
	10.551					
	342.565					

765420 S & E-353 9-55

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

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

Do not extend notes this side of this line

NOTES RED. JOB NO. 0341.00 SURVEY OF GEODETIC CONTROL
DATE SURVEY BY R.D. SMITH
NOTES CHKD. NOTES BY R.D.S. DATE 6-20-74
DATE INDEXED C.J. GALLI DATE JUL 29 1974

F.B. 2462 PG. 177

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	330.025					
+	9.126					
=	339.151					
-	0.623					
T.P	338.528					
	4.420					
	342.948					
	2.261					
BM 54-8A	340.687					BM 54-8A ELEV 340.688. SEE PAGE.

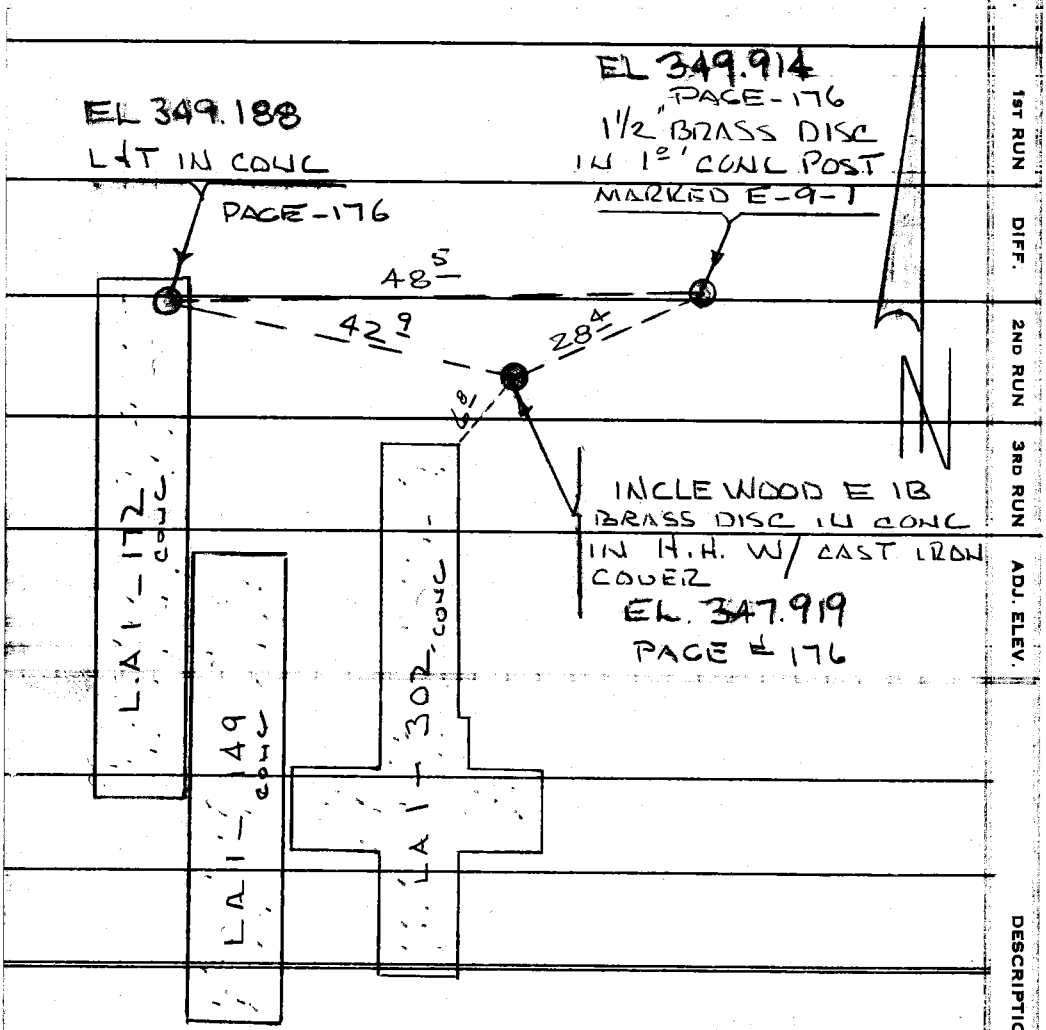
F.B. 2462 PG. 178

JOB NO. 0701.00 SURVEY OF GEODETIC CONTROL NOTES RED. ____ DATE ____

SURVEY BY R D SMITH DATE ____

NOTES BY R D S DATE 6-20-74 NOTES CHKD. ____ DATE ____

INDEXED C. J. GALLI DATE JUL 29 1974 DATE ____



Ref:

L.A. City Bureau of Engineering

F.B. 27998 - 26

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

7684R0 S & E-353 9-55

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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line

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NOTES RED. JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL | F. B2462 PG. 179

DATE SURVEY BY R.D. Smith

NOTES CHKD. NOTES BY R.D.S. DATE 6-24-74

DATE INDEXED D. J. GALLI DATE JUL 29 1974

J N 0301.00

GEODETIC CONTROL

ELEVATIONS.

LOS ANGELES B-10 C

AT NATURAL HISTORY MUSEUM
(L.A. COUNTY)

SMITH RD

CREASON

KRONL.

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

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

Do not extend notes this side of this line

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

765420 S & E-353 9-55

765420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED.
SURVEY BY RDS 5-24-74 DATE
NOTES BY RDS DATE 6-24-74 NOTES CHKD.
INDEXED C.J. GALLI DATE JUL 29 1974 DATE

F.B. 2442 PG. 180

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM.	189.444	(NOTE	L.A. CITY	DATUM	188.788)	BM. ELEV. 189.444 FB 1407-30 L&T ON TOP LANDING OF STAIRS @ MAIN ENTRANCE TO MUSEUM 37' NO. OF FOLLOWING BM. 400'± EAST OF & OF MELLO ON SO LEASE LINE & 370' EAST OF L.A. CITY BM. IN H.H. IN CONC WALK
+	0.625					
℄	190.069					
−	7.908					
T.B.M.	182.161	(NOTE	L.A. CITY	DATUM	181.505)	TBM ELEV. 182.178 F.B 1407-30 L&T ON SO LEASE LINE IN FRONT OF MUSEUM ENTRANCE 400.02 E. & MELLO + 370' E. OF L.A. CITY BM. IN H.H. IN CONC WALK.
+	0.939					
℄	183.100					
−	8.045					
BM.	175.055	(NOTE	L.A. CITY	DATUM	174.399)	BM ELEV. 175.055 F.B 1407-48-142 L.A. CITY MON. ON L.A.Co SO LEASE LINE 30'± E. & MELLO TOP HEX ROD IN WELL + CAST IRON COVER IN CONC WALK.
+	6.355		F.B. 1407 - 145			
℄	181.410					
−	5.299					
T.P.	176.111					
+	5.229					
℄	181.340					
−	5.047					
BM.	176.293	(NOTE	L.A. CITY	DATUM	175.644)	B.M ELEV 175.800 FB 23837-64 MELLO AVE WEST SIDE 28' SO OF EXPOSITION BLVD SPK IN CONC CURB
			F.B 1407 - 145			

76S420 S & E-353 9-55

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

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M	176.293					BM.
+	5.144					
⊼	181.437					
−	5.328					
T.P.	176.109					
+	5.614					
⊼	181.723					
SET −	5.157					
T.BM	176.566					T.BM
+	4.838					N.W. CORNER "NATURAL
⊼	181.404					HISTORY MUSEUM."
−	6.352					L+T IN CONC WALK
BM.	175.052					BM. FB 1407-48-142
+	8.044					SEE PAGE #180
⊼	183.096					
−	0.939					
BM	182.157					TBM ELEV. 182.178 FB 1407-30
						SEE PAGE 180

TBM	176.57	MARK ON WALL	251.47				
MEAS	39.33	MEAS	+ 10.16	276.30	276.30	276.30	
TOP WALL	215.90	MARK ON ROOF	261.63	3.48	2.13	2.11	
ROD	+ 1.11	ROD	+ 4.88	272.82	274.17	274.19	
MARK ON STAIR WELL	217.01	MARK ON WALL	266.51	(LA B-10C)	(SO L+TAC)	(NO L+TAC)	
MEAS.	+ 32.91	MEAS	+ 7.83				
TO RAIL STAIR WELL	249.92	MARK ON SHAFT	274.34				
ROD.	+ 1.55	+	1.96				
	251.47	⊼	276.30				

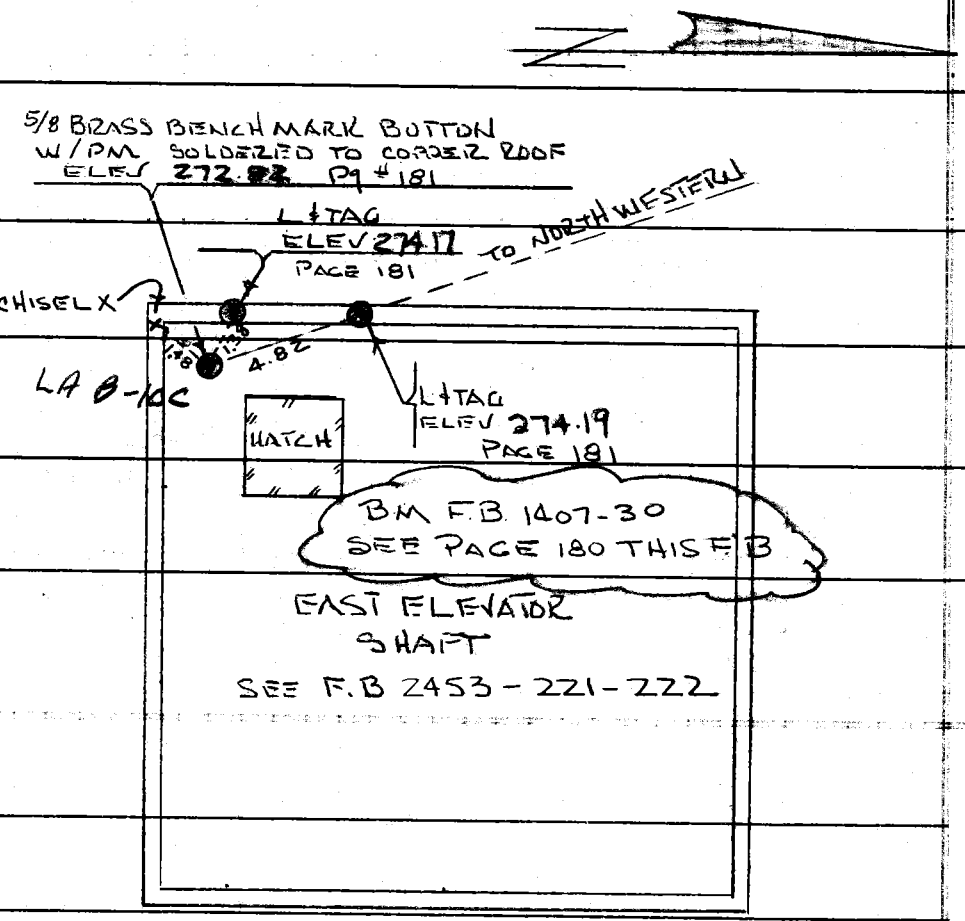
SEE SKETCH # 182

NOTES RED ____ JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE ____ SURVEY BY F.E. BROOKS
NOTES CHKD. ____ NOTES BY R. SMITH DATE 6-24-74
DATE ____ INDEX NO. [illegible] DATE JUL 29 1974

F.B. 242 PG. 181

F. B2462 PG. 182

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED. _____
SURVEY BY F.E. BROOKS DATE _____
NOTES BY R SMITH DATE 6-24-74 NOTES CHKD. _____
INDEXED C. J. GALLO DATE JUL 29 1974 DATE _____



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

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

798420 S & E-353 9-55

NOTES RED. R. C. BOWERS JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL F.B. 2462 PG. 183

DATE 1975 SURVEY BY F E Brooks

NOTES CHKD. NOTES BY R.D.S. DATE 14 March 75

DATE INDEXED R. D. BAILEY DATE MAY 20 '75

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B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
						0301.00
						GEODETIC CONTROL
						ELEVATION ON SAUGUS
						(H-11)
						Saugus - Agua Dulce Area
						Brooks
						Smith
						Crosson
						Krohn.

768420 S & E-383 9-55

768420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
FD BM 60-43	1155.214				1155.214	BM 60-43 Elev. 1155.214 (1990 adj.) FB. 2839 Pg 34 Bouquet Canyon Rd. E. Side 0.6± mi North of S.P. RR. Station in Saugus. A U.S.C. & G.S. Disk set in the W. headwall of a culvert 1.1 feet N. of south end and about 6 ft. lower than the tracks.
+	3.659					
⊼	1158.873					
−	4.997					
FD BM 60-43A	1153.876				1153.856	BM 60-43A Elev. 1153.856 (1990 adj.) FB. 2839 Pg 34 Bouquet Canyon Rd. E. Side 0.5± mile North of S.P. RR. Station in Saugus. A U.S.C. & G.S. Brass Disk set on a copper coated Rod, encased in a cone post flush at RR. mile post 450
+	5.346					
⊼	1159.222					
−	4.945					
T.P.	1154.277					
+	5.188					
⊼	1159.465					
−	4.761					
T.P.	1154.704					
+	8.179					
⊼	1162.883					
−	4.390					
T.P.	1158.493					
+	4.920					
⊼	1163.413					
−	5.039					
T.P.	1158.374					
+	4.068					
⊼	1162.442					
−	4.989					
SET BM.	1157.453				1157.499	"SAUGUS STA." C.S. MON. MARKED SAUGUS STA R.E 329

JOB NO. 8301.00 SURVEY OF GEODETIC CONTROL NOTES RED. R. C. BOW
SURVEY BY [illegible] Brooks DATE 3/28/75
NOTES BY RDS DATE 14 Mar 75 NOTES CHKD.
INDEXED G. D. BAILEY DATE MAR 20 '75 DATE

F.B. 2462 PG. 184

768420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM	1157.453					Saugus Sta P.S. Mon.
+	5.508					marked Saugus Sta. RE 329
⊼	1162.961					
-	0.282					
TP	1162.679					
+	6.031					
⊼	1168.710					
-	2.694					
TP	1166.016					
+	8.401					
⊼	1174.417					
-	0.691					
TP	1173.726					
+	9.222					
⊼	1182.948					
-	0.256					
TP	1182.692					
+	9.437					
⊼	1192.129					
-	0.355					
TP	1191.774					
+	9.089					
⊼	1200.863					
-	0.568					
TP	1200.295					
+	9.461					
⊼	1209.756					
-	1.427					
TP	1208.329					

NOTES RED R. C. BOWERS LOS NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE 3/25/75 SURVEY BY FE Brooks
NOTES CHKD. NOTES BY FED DATE 17 Mar 76
DATE INDEXED G. D. BAILEY DATE [illegible]

F.B. 2482 PG. 185
B

765420 S & E-353 9-55

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

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JOB NO. 870.00 SURVEY OF GEODETIC CONTROL NOTES BY R. C. BOWER DATE 3/25/25
SURVEY BY FE Brooks NOTES CHKD.
NOTES BY FEB DATE 17 Mar 25 DATE
INDEXED G. D. BAILEY DATE MAR 20 25

F.B. 2462 PG. 186

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1208.329					
+	9.823					
⊼	1218.152					
−	1.176					
TP	1216.976					
+	9.690					
⊼	1226.666					
−	1.011					
TP	1225.655					
+	9.588					
⊼	1235.243					
−	0.998					
TP	1234.245					
+	7.542					
⊼	1241.787					
−	1.607					
RM 1	1240.180				1240.283	SAUGUS RM 1 - A 4" U.S.C.&G.S. Brass Disk set in a 9" x 12" rock 4" above the ground.
+	1.299					
⊼	1241.479					
−	3.609					
RM 4	1237.872				1237.980	SAUGUS RM 4 - A 4" U.S.C.&G.S. Brass Disk set on a 2" I.P. 6" above the ground. (SAU H-11)
+	4.269					
⊼	1242.141					
−	1.971					
SAUGUS	1240.170				1240.283	SAUGUS A 4" U.S.C.&G.S. Brass Disk set in a 12" sq conc. post 3" high.
+	1.471					
⊼	1241.641					
−	9.493					
TP	1232.148					

NOTES RED C. BOWERS JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL F.B. 2462 PG. 187

DATE 3/25/75 SURVEY BY EE Brooks

NOTES CHKD. NOTES BY FEB DATE 17 Mar 75

DATE INDEXED G. D. BAILEY DATE [illegible] 2 0 75

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1232.148					
+	0.417					
π	1232.565					
-	9.914					
TP	1222.651					
+	0.228					
π	1222.879					
-	8.968					
TP	1213.911					
+	0.289					
π	1214.200					
-	9.791					
TP	1204.409					
+	0.400					
π	1204.809					
-	9.866					
TP	1194.943					
+	0.669					
π	1195.612					
-	9.573					
TP	1186.039					
+	0.519					
π	1186.558					
-	9.915					
TP	1176.643					
+	0.357					
π	1177.000					
-	9.998					
TP	1167.002					

765420 S & E-353 9-55

765420 S & E-353 9-55

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JOB NO. 1302.00 SURVEY OF GEODETIC CONTROL NOTES BY R.C. BOWERS DATE 3/25/25
SURVEY BY FE Brooks
NOTES BY FEB DATE 17 Mar 25 NOTES CHKD. DATE
INDEXED G.D. BAILEY DATE MAR 20 25

F.B. 2462 PG. 188
E

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1167.002					
+	2.825					
↗	1169.827					
-	5.019					
TP	1164.808					
+	5.586					
↗	1170.394					
-	9.295					
TP	1161.099					
+	2.468					
↗	1163.567					
-	6.122					
TP	1157.445					
+	6.403					
↗	1163.848					
-	3.712					
TP	1160.136					
+	5.445					
↗	1165.581					
-	4.207					
TP	1161.374					
+	5.554					
↗	1166.928					
-	4.431					
TP	1162.497					
+	6.010					
↗	1168.507					
-	4.182					
TP	1164.325					

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1164.325					
+	5.490					
π	1169.815					
-	4.451					
T.P.	1165.364					
+	5.468					
π	1170.832					
-	4.030					
T.P.	1166.802					
+	5.900					
π	1172.702					
-	4.318					
T.P.	1168.384					
+	4.889					
π	1173.273					
-	4.023					
TP	1169.250					
+	4.942					
π	1174.192					
-	4.791					
BM 60-42	1169.401				1169.597	BM 60-42 Elev. 1169.597 (1970 adj.) FB. 2839 Pg 37 S.P.R.R. Station in Saugus A. 4" U.S.G.S. Brass Disk. 33.5 ft. S. of S.W. Cor. of station.

see next pg for drawing of station SAUGUS.

NOTES REC. BOWERS JOB NO. 201.00 SURVEY OF GEODETIC CONTROL
DATE 3/25/75 SURVEY BY FE Brooks
NOTES CHKD. NOTES BY FEB DATE 17 Mar 75
DATE INDEXED G.D. BAILEY DATE MAR 20 75

F.B. 2462 PG. 189

765420 S a E-353 9-55

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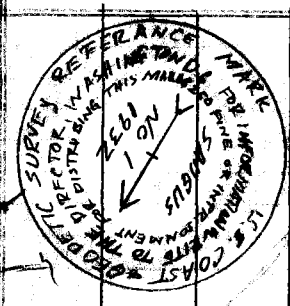
JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES BY R. & P. BOWERS
SURVEY BY FEB. '55 DATE 4/25/55
NOTES BY F.E.B. DATE Mar '55 NOTES CHKD.
INDEXED G. D. BAILEY DATE MAR 30 '55 DATE

F.B. 2762 PG. 190

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
			SAUGUS	H 11		
	RM #1					

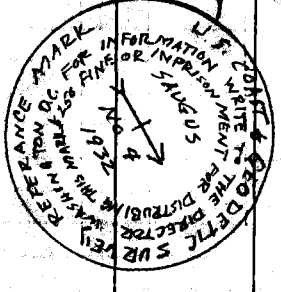
Fd a 4" Brass Disk set in a 9"X12" rock 4" above the ground Elev = 1240.180 per pg



RM #4

Fd a 4" Brass Disk set on a 2" I.P. 6" above the ground. Elev. = 1237.892 per pg.

Top of Ridge



SAUGUS H-11

Fd a 4" Brass Disk set in a 12" sq conc post 3" high. Elev = 1240.170 per pg.

F.B. 2447 - 91, 92
2459 - 17, 18

NOTES B.C. BOWERS JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL F.B. 2462 PG. 191
DATE 3/25/75 SURVEY BY FE Brooks
NOTES CHKD. NOTES BY RD Smith DATE 14 March 75
DATE INDEXED G.D. BAILEY DATE [illegible]

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B.M.
0301.00						
GEODETIC CONTROL						
ELEVATIONS ON NEWHALL						
(H-1)						
					Brooks	
					Smith	
					Creason	
					Krohn	

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

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768420 S & E-353 9-55

76S420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
BM 60-41	1171.175					BM 60-41 ELEV. 1171.175 F.B 2839-32
+	7.552					SAN FERNANDO RD 0.3 MI. SOUTHERLY
⊼	1178.727					FROM S.P.C.R.R. STATION IN SAUGUS
−	2.581					@ T. JUNCTION OF POWER LINES
T.P	1176.146					60' W. & SAN FERNANDO RD 6.5' SO
+	7.106					P.P. 724408E SET IN A CONC POST
⊼	1183.252					0.2 FT ABOVE FLUSH. 5.0 FT LOWER
−	4.065					THAN R.R TRACK.
T.P	1179.187					
+	5.875					
⊼	1185.062					
−	3.778					
T.P	1181.284					
+	5.711					
⊼	1186.995					
−	4.083					
T.P	1182.912					
+	4.719					
⊼	1187.631					
−	4.600					
T.P	1183.031					
+	5.269					
⊼	1188.300					
−	4.648					
T.P	1183.652					
+	5.230					
⊼	1188.882					
−	4.698					
T.P	1184.184					
		CONT'D				

JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES RED. R. C. BOWERS
SURVEY BY F.E. Brooks DATE 3/25/75
NOTES BY R.D. Smith DATE 14 March 75 NOTES CHKD.
INDEXED G. D. BAILEY DATE MAR 20 '75 DATE

F.B. 2762 PG. 19.2

765420 S & E-353 9-55

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
T.P	1184.184					
+	5.816					
π	1199.000					
−	3.880					
T.P.	1186.120					
+	6.099					
π	1192.219					
−	2.028					
T.P	1190.191					STUD IN. WOOD CROSSING.
+	5.000					
π	1195.191					
−	4.579					
TP	1190.612					
+	5.020					
π	1195.632					
−	4.100					
TP	1191.532					
+	4.949					
π	1196.481					
−	3.986					
T.P.	1192.495					
+	5.087					
π	1197.582					
−	6.050					
BM60-40	1191.532				1191.654	BM60-40 Elev. = 1191.654 (1970 adj.) FB. 2839 pg 31
+	9.569					San Fernando Rd. 0.8mi Southerly from
π	1199.101					S.P. R.R. Sta. in Saugus.
−	3.269					
TP.	1195.832					

NOTES REC. BOWERS JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE 3/25/75 SURVEY BY FE Brooks
NOTES CHKD. NOTES BY RD Smith FEB DATE 1st Mar 75 1700 [illegible]
DATE INDEXED G.D. BAILEY DATE [illegible]

F.B. 2462 PG. 193

769420 S & E-353 9-55

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

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JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL NOTES R.C. BOWEN
SURVEY BY FEB Brooks DATE 3/25/55
NOTES BY FEB DATE 17 Mar. 55 NOTES CHKD.
INDEXED G.D. BAILEY DATE MAR 20 55 DATE

F.B. 2462 PG. 194

2

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1195.832					
+	5.542					
⊼	1201.374					
−	1.204					
TP	1200.170					
+	9.729					
⊼	1209.899					
−	0.899					
TP	1209.000					
+	9.985					
⊼	1218.985					
−	0.613					
TP	1218.372					
+	9.753					
⊼	1228.125					
−	0.397					
TP	1227.728					
+	9.855					
⊼	1237.583					
−	0.308					
TP	1237.275					
+	9.654					
⊼	1246.929					
−	2.637					
TP	1244.292					
+	6.949					
⊼	1251.241					
−	0.456					
TP	1250.785					

NOTES RED. R. C. BOWERS JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL F.B. 2462 PG. 195

DATE 3/25/75 SURVEY BY FE Brooks

NOTES CHKD. NOTES BY FEB DATE 17 March 75

DATE INDEXED G.D. BAILEY DATE [illegible]2075

3

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1250.785					
+	9.423					
π	1260.208					
-	0.213					
TP	1259.995					
+	9.699					
π	1269.694					
-	0.391					
TP	1269.303					
+	9.808					
π	1279.111					
-	0.602					
TP	1278.509					
+	9.489					
π	1287.998					
-	0.933					
TP	1287.065					
+	10.010					
π	1297.075					
-	0.222					
TP	1296.853					
+	9.861					
π	1306.714					
-	8.039					
TP	1298.675					
+	9.680					
π	1308.355					
-	0.682					
TP	1307.673					

765420 S & E-353 9-55

765420 S & E-353 9-55

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Do not extend notes this side of this line

JOB NO. 030.00 SURVEY OF GEODETIC CONTROL NOTES R.C. BOWERS
SURVEY BY F.E. Brooks DATE 3/25/55
NOTES BY F.E.B. DATE 12 March 55 NOTES CHKD. DATE
INDEXED G.D. BAILEY DATE 3/28/55

F.B. 2462 PG. 126

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1307.673					
+	9.978					
=	1317.651					
-	0.309					
T.P.	1317.342					
+	9.703					
=	1327.045					
-	0.261					
TP	1326.784					
+	9.440					
=	1336.224					
-	0.551					
TP.	1335.673					
+	9.788					
=	1345.461					
-	4.242					
RM 4	1341.219				1341.347	NEWHALL RM 4. A 4" U.S.C.&G.S. Brass Disk set in a 10" sq conc post
+	3.340					
=	1344.559					
-	3.788					
RM 3	1340.771				1340.899	NEWHALL RM 3 A 4" U.S.C.&G.S. Brass Disk set in a 12" sq conc post. Rod held on RE of DIRECTOR.
+	3.548					
=	1344.319					
-	2.492					
NEWHALL	1341.827				1341.955	(NH H-1) NEWHALL A 4" U.S.C.&G.S. Brass Disk set in a rock flush with ground.
+	2.883					
=	1344.710					
-	9.415					
TP.	1335.295					

76S420 S & E-353 9-55

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION					
TP	1335.295										
+	0.233										
π	1335.528										
-	9.429										
TP	1326.099										
+	0.293										
π	1326.392										
-	8.815										
TP	1317.577										
+	0.292										
π	1317.869										
-	9.170										
TP	1308.699										
+	0.413										
π	1309.112										
-	8.945										
TP	1300.167										
+	0.295										
π	1300.462										
-	9.304										
TP	1291.158										
+	0.328										
π	1291.486										
-	9.835										
TP	1281.651										
+	0.542										
π	1282.193										
-	7.917										
TP	1274.276										

NOTES [redacted] R.C. BOWERS JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL
DATE 3/25/75 SURVEY BY FEB Brooks
NOTES CHKD. NOTES BY FEB DATE 18 March 75
DATE INDEXED G.D. BAILEY DATE [redacted]

F.B. 2462 PG. 197

765420 S & E-353 9-55

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

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

Do not extend notes this side of this line

JOB NO. 030.00 SURVEY OF GEODETIC CONTROL NOTES R.C. BOWERS
SURVEY BY FE Blanki DATE 3/25/75
NOTES BY FEB DATE 18 March 75 NOTES CHKD. DATE
INDEXED G. D. BAILEY DATE MAR 20 75

F.B. 2462 PG. 178

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1274.276					
+	0.582					
⊼	1274.858					
−	9.250					
TP	1265.608					
+	0.295					
⊼	1265.903					
−	9.755					
TP	1256.148					
+	0.587					
⊼	1256.731					
−	9.885					
TP	1246.846					
+	0.817					
⊼	1247.663					
−	9.714					
TP	1237.949					
+	0.734					
⊼	1238.683					
−	9.052					
TP	1229.631					
+	0.838					
⊼	1230.469					
−	9.766					
TP	1220.703					
+	0.967					
⊼	1221.670					
−	9.381					
TP	1212.289					

F. B. 2463 PG. 200

JOB NO. 0701.00 SURVEY OF GEODETIC CONTROL NOTES REC. R. C. BOWERS

SURVEY BY FE Brooks DATE 3/25/75

NOTES BY FEB DATE 18 March 75 NOTES CHKD.

INDEXED G. D. BAILEY DATE MAR 20 75

7634208 & E-353 9-55

CHANGES MADE OR STAND ...

U.S. COAST & GEODETIC SURVEY WASHINGTON D.C. FOR INFORMATION WRITE TO THE DIRECTOR. FOR DISTURBING THIS MARK 250 FINE OR IMPRISONMENT
NEWHALL
No 3
1952

Fd. a 4" Brass Disk set in a 12" sq cone post parallel to the ground.
Elev = 1340.771 per pg
Rod held on RE of DIRECTOR.

DIRT ROAD

F.B. 2459 - 11, 12

NEWHALL

Fd a 4" Brass Disk set in a rock level with the ground
Elev = 1341.827 per pg.

U.S. COAST & GEODETIC SURVEY TRIANGULATION STATION WASHINGTON D.C. FOR INFORMATION WRITE TO THE DIRECTOR. FOR DISTURBING THIS MARK 250 FINE OR IMPRISONMENT
NEWHALL
1932

RM 4

Fd a 4" Brass Disk set in a 10" sq cone post 2" high.
Elev = 1341.219 per pg

U.S. COAST & GEODETIC SURVEY REFERANCE MARK WASHINGTON D.C. FOR INFORMATION WRITE TO THE DIRECTOR. FOR DISTURBING THIS MARK 250 FINE OR IMPRISONMENT
NEWHALL
No 4
1952

N

76S420 S & E-353 9-55

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

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

Do not extend notes this side of this line

B.M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	1212.289					
+	2.021					
⊼	1214.310					
−	7.381					
TP	1206.929					
+	6.538					
⊼	1213.467					
−	4.141					
TP	1209.326					
+	5.864					
⊼	1215.190					
−	4.894					
TP	1210.296					
+	6.009					
⊼	1216.305					
−	2.404					
TP	1213.901					
+	6.480					
⊼	1220.381					
−	4.222					
BM 60-39	1216.159				1216.293	BM 60-39 Elev. 1216.293 (1970 adj.) F.B. 2839-30 San Fernando Rd. and Bridge # 53-14 at La Placerita Creek

See next page for drawing of station NEWHALL

NOTE: R.D. BOWERS JOB NO. 0301.00 SURVEY OF GEODETIC CONTROL F.B. 2462 PG. 177
DATE 3/25/75 SURVEY BY FE Brooks
NOTES CHKD. NOTES BY FEB DATE 18 March 75
DATE INDEXED G.D. BAILEY DATE MAR 20 75

7