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[illegible]NTY SURVEYOR
[illegible] COUNTY
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F3095 24[illegible]

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J.N. 4900

GEODETIC CONTROL

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L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION WILLMINGTON L-3

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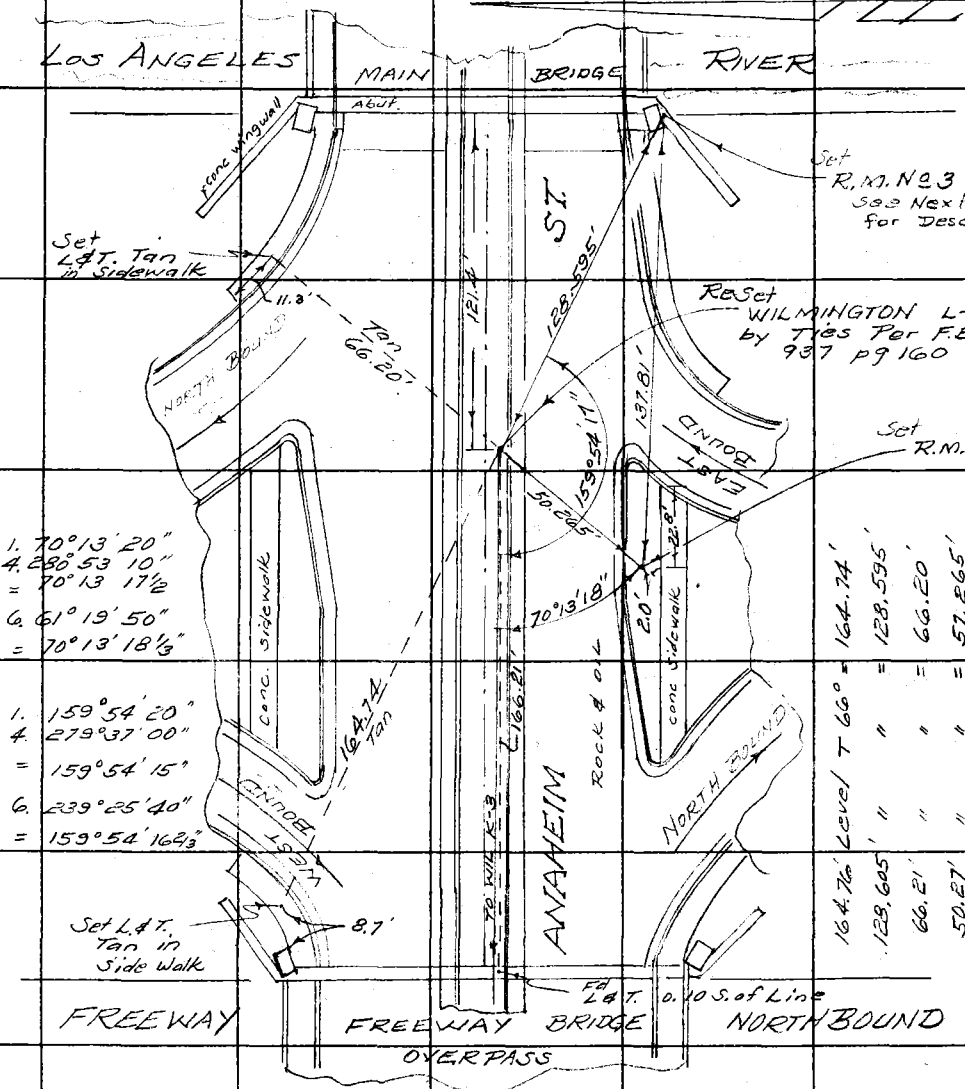

164.74'	Level	T 66° = 164.74'
128.595'	"	= 128.595'
66.21'	"	= 66.20'
57.27'	"	= 57.265'
166.23'	"	= 166.21'

76F3095 247 2-51

F. B. 937 PG. 12

WILMINGTON L-3

—DESCRIPTIONS—

This station is in Los Angeles County, in the city of Long Beach in the center of Anaheim St. 121.4' West of the West End of Bridge over the Los Angeles River, in a well cut thru the conc. slab pavement of Divider strip & protected by a cast iron cover marked "COUNTY SURVEYORS MONUMENT."

Station Mark: Set a standard 4" brass cap traverse mark stamped "L.A.Co SURVEY CONTROL SYSTEM TRAVERSE STATION, WILMINGTON L-3, 1953, set by COUNTY SURVEYOR R.E. 63." in conc. 9" below curb grade.

Sub Surface Mark: None

Reference Mark No 3: Fd a 3 inch brass cap set in the South West Bridge Abutment of of Conc Bridge. The brass cap is stamped "CORPS OF ENGINEERS U.S. ARMY, $1250 fine or imprisonment for disturbing this mark, R.M. H.F. 12, station designation, AGENCY Los Angeles dist., year 1953, SURVEY MARK."

Reference Mark No 4: Set a standard 4 inch brass cap R.M. in conc. flush with sidewalk. The cap is stamped "L.A.Co. SURVEY CONTROL SYSTEM, REFERENCE MARK, WILMINGTON L-3 R.M. No 4, 1953, Set by, COUNTY SURVEYOR R.E. 63."

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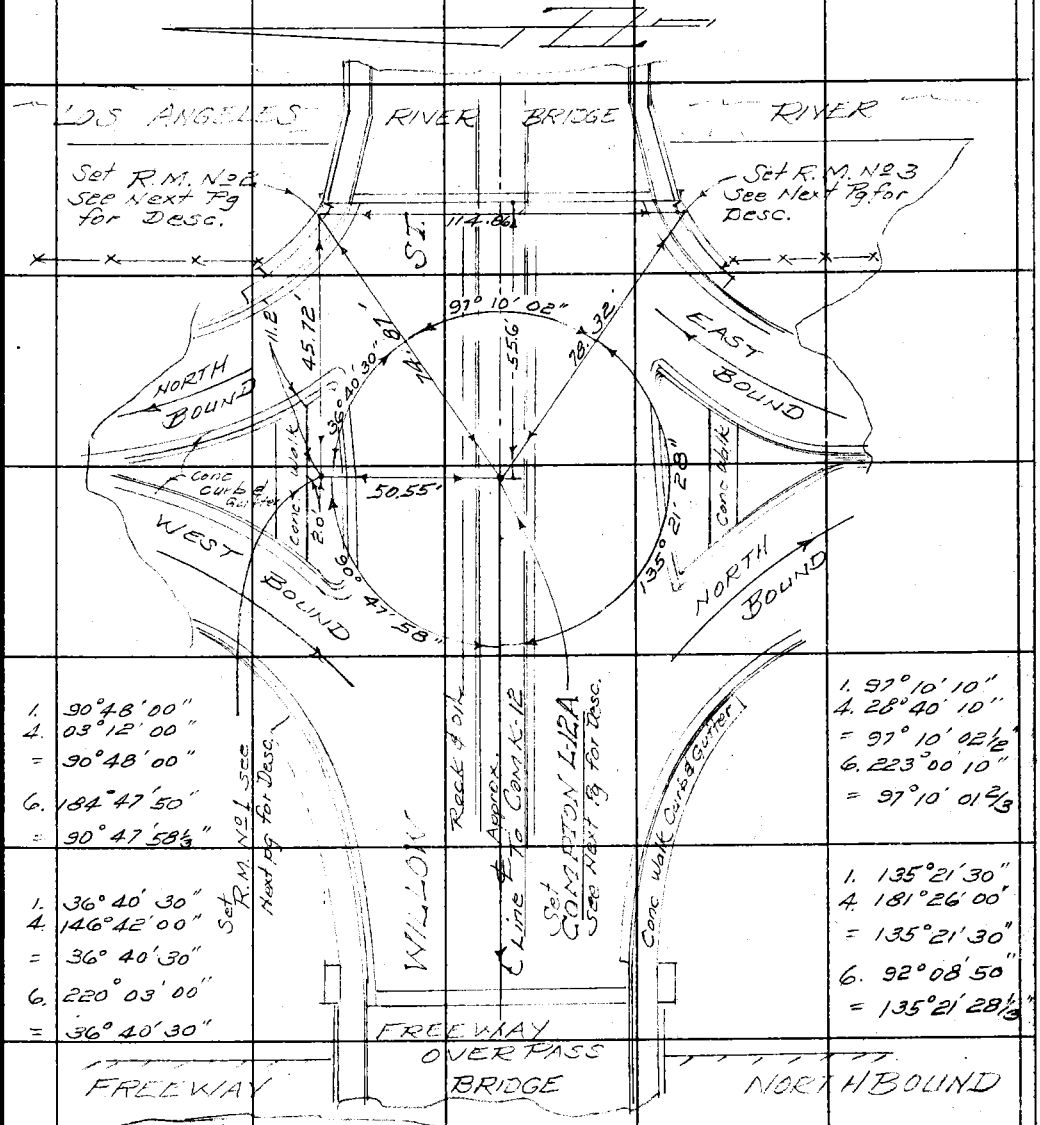
F. B. 937 PG. 13

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION COMPTON L-12 A



1. 90°48'00"
4. 03°12'00"
= 90°48'00"
6. 184°47'50"
= 90°47'58½"

1. 97°10'10"
4. 28°40'10"
= 97°10'02½"
6. 223°00'10"
= 97°10'01⅔"

1. 36°40'30"
4. 146°42'00"
= 36°40'30"
6. 220°03'00"
= 36°40'30"

1. 135°21'30"
4. 181°26'00"
= 135°21'30"
6. 92°08'50"
= 135°21'28½"

Note all Tie distances recorded have been measured @ T 80° — corrections not needed

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76F3095 247 2-51

F. B. 939 PG. 14

COMPTON L-12A

—DESCRIPTIONS—

This Station is in Los Angeles County, in the City of Long Beach, in the Center divider Strip of Willow St. 55.6' West of the Westerly Abutment of Bridge over L.A. River, in a Well cut thru conc slab and protected by a Cast Iron cover inscribed "County Surveyors Monument."

Station Mark: Set a standard 4" brass cap, Traverse Station Mark in conc 11" below Conc Slab of divider Strip. Brass Cap is inscribed "L.A. County Survey Control System, Traverse Station Compton L-12A, 1953, Set by County Surveyor R.E. 63".

Sub Surface Mark: None.

Reference Mark No 1: Set a standard 4" brass cap in conc. flush with Conc. Walk in northerly traffic divider Island 2.0', Set S. edge of Walk @ 11.2' W. of S. edge of walks int. with E. curb of divider Island. The brass Mark is inscribed "L.A. County Survey Control System, Reference Mark, Compton L-12A, R.M. No 1, 1953, Set by County Surveyor R.C. 63."

Reference Mark No 2; Fd a Lead & Cement nail, center Punched in the most North westerly Conc. Abutment of the L.A. River bridge. This L & N is, in the center of Conc Wall 1.0' from the West end.

Reference Mark No 3; Set a L & T. center punched in Top of conc wall of the Southwesterly bridge Abutment of L.A River bridge. L & T. is 1.0' from the East End of Conc Wall.

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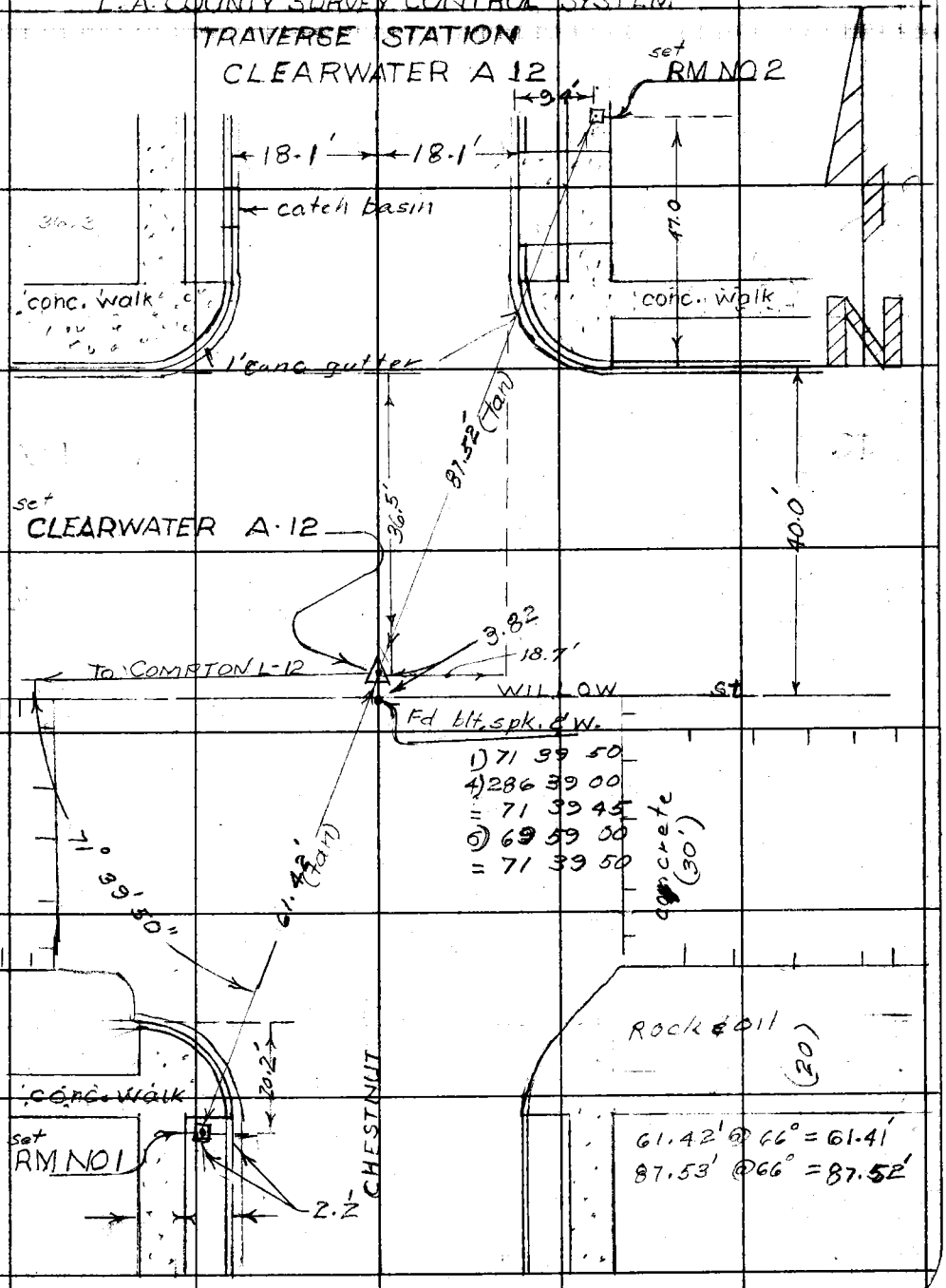
Date	Indexed A. O. Johnson

F. B. [illegible] PG.

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

CLEARWATER A 12



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76F3095 247 2-51

F.B. 939 Pg. 16

CLEARWATER A-12

DESCRIPTIONS

This station is in Los Angeles County, City of Long Beach, about 4' north of the center line intersection of WILLOW ST and CHESTNUT AVE. It is 36.5' south of the north curb line produced easterly and 18.7' west of the east curb line produced southerly.

Station is 4" brass disk in concrete 1' below pavement surface. It is lettered "L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION CLEARWATER A 12 1953 COUNTY SURVEYOR R.E 63". It is protected by a 2' square concrete pad and hand hole with cast iron cover

REFERENCE MARK NO 1 is 4" brass cap lettered "L.A. COUNTY SURVEY CONTROL SYSTEM REFERENCE MARK CLEARWATER A-12 R M NO 1 1953 COUNTY SURVEYOR R. E 63". It is in a grassy strip between curb and sidewalk and 1' below curb grade.

REFERENCE MARK NO 2 is copper tack in lead bar set in concrete core of 2" I.P. which is set in concrete. It is 1' below surface of side walk in a hand hole protected by a cast iron cover.

SUB-SURFACE MARK: None

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Date	Indexed C. Johnson

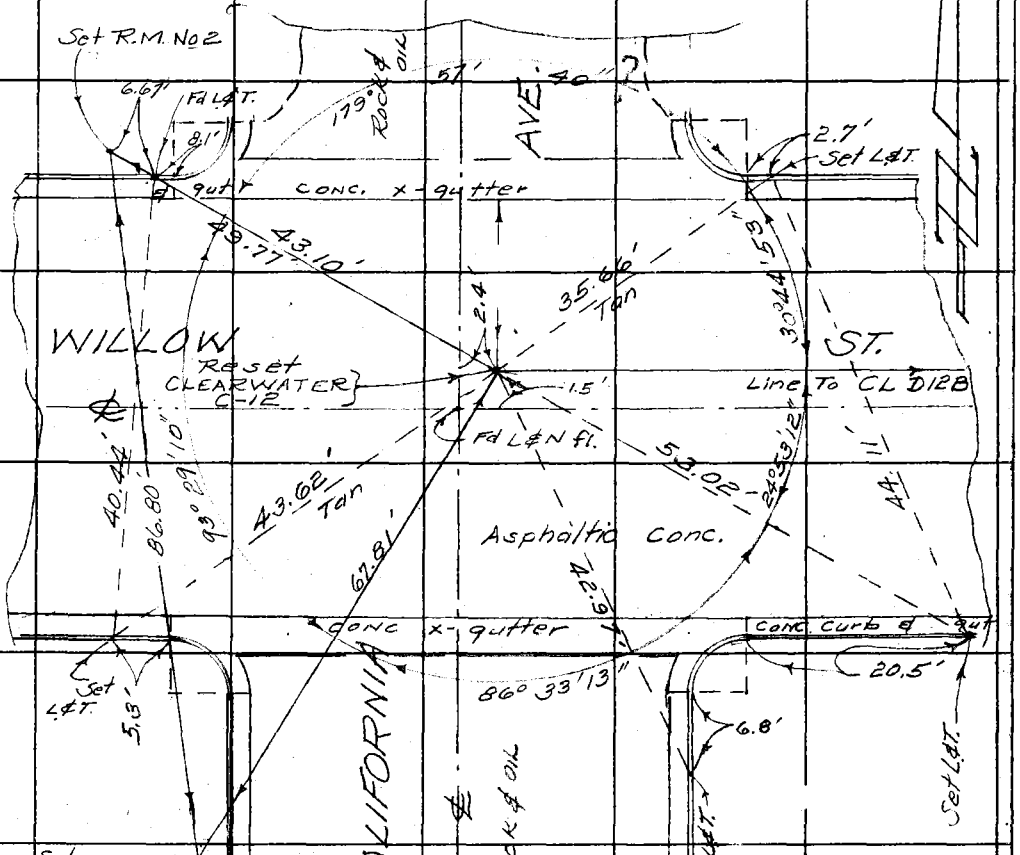
F. B. Pg.

W.S. 30

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

CLEAR WATER C-12



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Note: Tie Distances all Measured @ T 80° Corrections Not needed or Shown

1. 86° 33' 40"
4 346° 12' 50"
= 86° 33' 12½"
6. 159° 19' 20"
= 86° 33' 13⅓"

1. 93° 29' 10"
4. 13° 56' 30"
= 93° 29' 01½"
6. 200° 55' 00"
= 93° 29' 10"

1. 179° 57' 40"
4. 359° 50' 40"
= 179° 57' 40"
6. 359° 46' 00"
= 179° 57' 40"

1. 30° 44' 50"
4 122° 59' 30"
= 30° 44' 50"
6 184° 29' 20"
= 30° 44' 53⅓"

1. 24° 53' 10"
4 99° 32' 40"
= 24° 53' 10"
6 149° 13' 50"
= 24° 53' 12½"

76F3095 247 2-51

F. B. 939 PG. 18

CLEARWATER C-12
~DESCRIPTIONS~

This Station is in Los Angeles County, in the City of Long Beach, in California Ave with its intersection with WILLOW ST. 2.4' East of ℄ CALIFORNIA AVE ℄ 1.5' S. of the ℄ of Willow ST. In a Well cut thru the pavement & protected by a Cast iron cover Marked "COUNTY SURVEYOR MONUMENT".

STATION MARK: Fd original monument 5 inches below Surface of 9 inch ROCK & OIL PAVEMENT - RESET 2 inches below subgrade of pavement & installed C.I. cover & conc Pad. The 4 inch brass Mark was Stamped L.A. COUNTY SURVEY CONTROL SYSTEM, TRAVERSE STATION (CLEARWATER C-12) 1940, Set by COUNTY SURVEYOR R.E. 63"

SUB SURFACE MARK: None.

REFERENCE MARK No 1: Set a Standard 4 inch brass cap in conc, 12 inches below curb grade. Brass cap is Stamped "L.A. COUNTY SURVEY CONTROL SYSTEM, REFERENCE MARK, CLEARWATER C-12, R.M. No 1, 1953, Set by COUNTY SURVEYOR R.E. 63."

REFERENCE MARK No 2: Set a 6" I.P. in conc. with a conc core & a copper pin center flush with curb.

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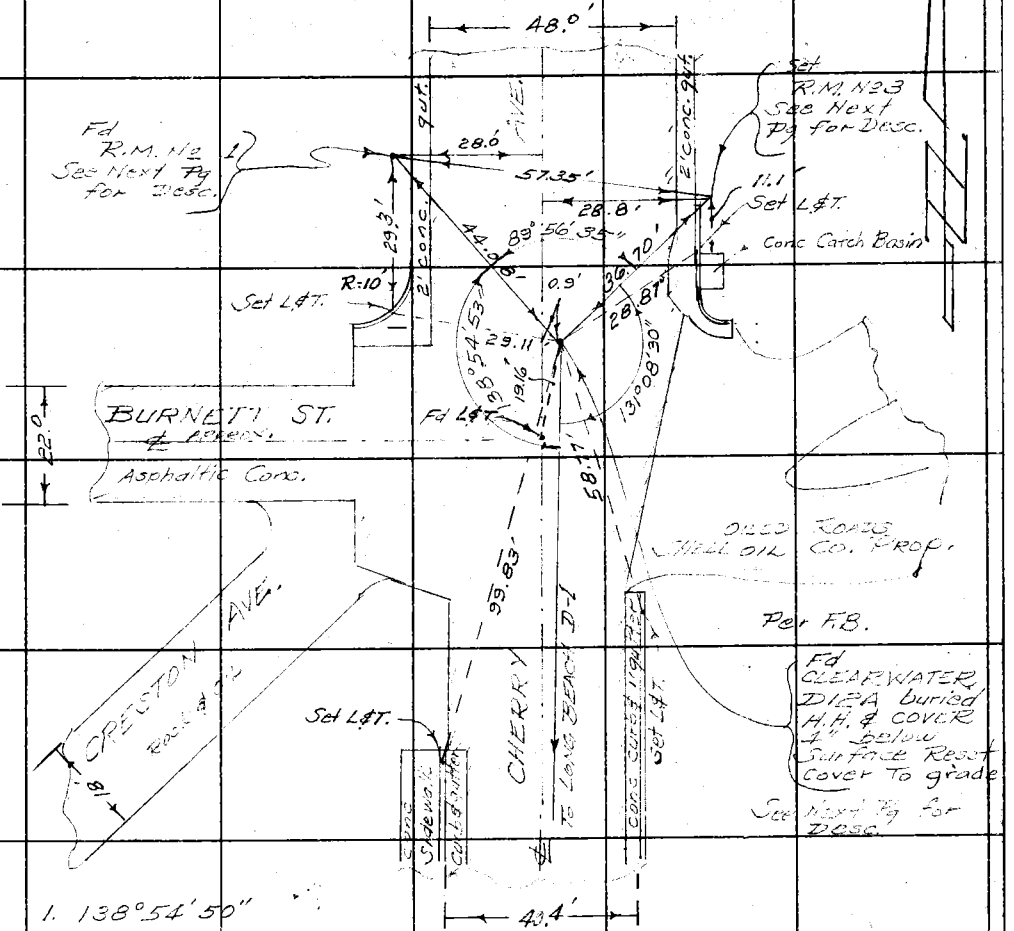
F. B. 737 PG. 12

U.S. # 2

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

CLEARWATER D-12A



1. 138° 54' 50"
4. 195° 39' 40"
= 138° 54' 55"
6. 113° 29' 20"
= 138° 54' 53⅓"

1. 89° 56' 40"
4. 359° 46' 20"
= 89° 56' 35"
6. 179° 39' 30"
= 89° 56' 35"

1. 131° 08' 30"
4. 164° 34' 00"
= 131° 08' 30"
6. 66° 51' 00"
= 131° 08' 30"

99.84' Level	T 70° = 99.83'	29.11	Level T 70° = 29.11'
58.78' "	" = 58.77'	28.87	" " = 28.87
57.35' "	" = 57.36'		
44.08' "	" = 44.08'		
36.70' "	" = 36.70'		

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F.B. 939 PG. 20

~ DESCRIPTIONS ~

This Station is in the city of Signal Hill, in Cherry Ave. at its intersection with Burnett St. 19.1' N of ℄ BURNETT ST. & 0.9' E. of ℄ of Cherry ST., in a well cut thru pavement & protected by a C.I. Cover marked "COUNTY SURVEYOR MONUMENT".

STATION MARK: Standard 4" Triangulation per F.B. 923-69, 70.

Sub Surface Mark: None per F.B. 923-70.

Reference Mark No 1: Fd a standard 4" brass cap set in conc., top of man 6 inches above surface at toe of a cut bank 4 ft. high. Cap is inscribed "L.A. COUNTY SURVEY CONTROL SYSTEM, REFERENCE MARK, CLEAR WATER D 12 A, R.M. No 1, 1940, SET BY COUNTY SURVEYOR R.E. 63".

Reference Mark No 3: Set a 2" I.P. in Conc. with a conc core & copper pin center, 12" below curb grade.

Note Fd R.M. No 2 Lid horizontal in rubble retaining wall in such a manner as to give positive identification.

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L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
CLEARWATER F-12

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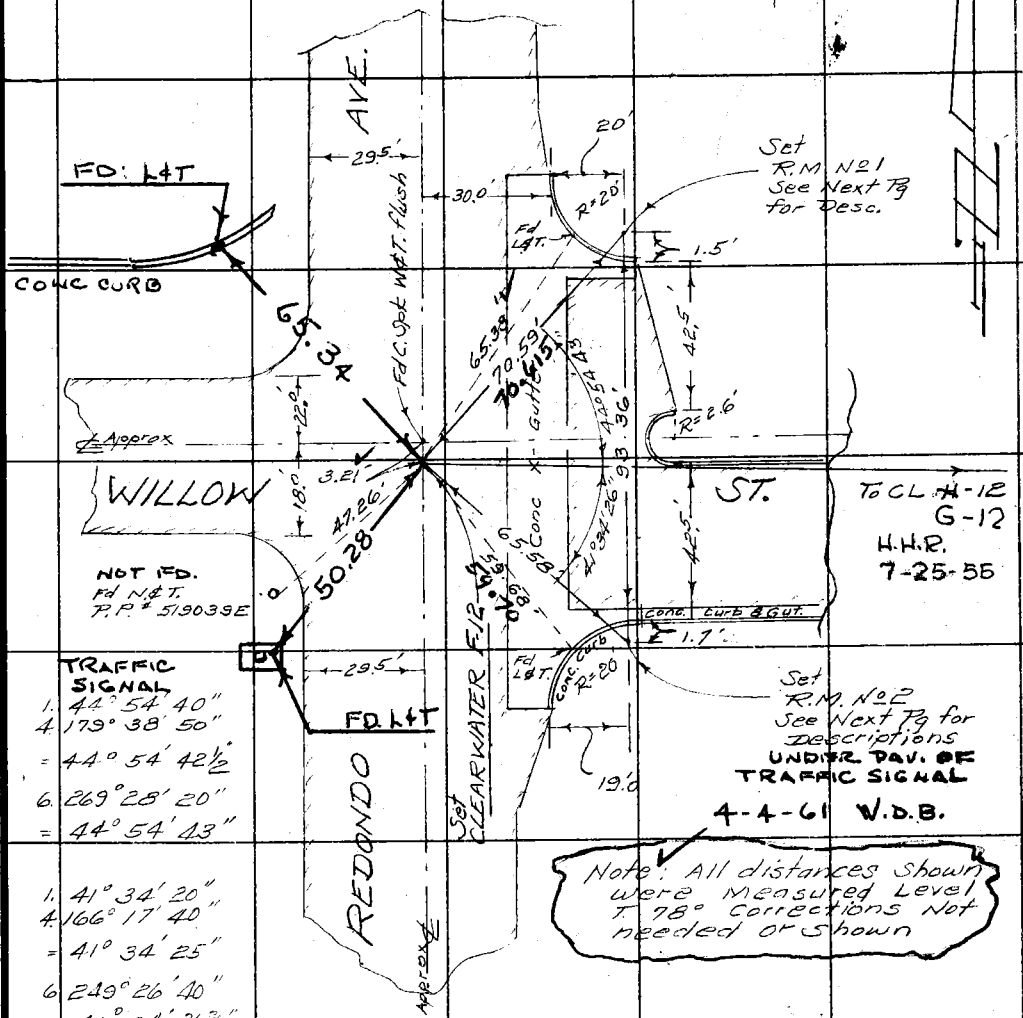

TRAFFIC SIGNAL

1. 44° 54' 40"
4. 179° 38' 50"
= 44° 54' 42½"
6. 269° 28' 20"
= 44° 54' 43"

1. 41° 34' 20"
4. 166° 17' 40"
= 41° 34' 25"
6. 249° 26' 40"
= 41° 34' 26⅔"

Note: All distances shown were Measured Level T. 78° Corrections Not needed or Shown

76F309S 247 2-51

F. B. 939 PG. 22

CLEARWATER F-12

~DESCRIPTIONS~

This Station is in Los Angeles County, in the city of Long Beach, in the intersection of WILLOW ST and REDONDO AVE. in a well cut thru the pavement and protected by a C.I. cover marked "COUNTY SURVEYOR MONUMENT."

Station Mark: Set a standard 4 inch brass cap Traverse Mark in Conc. 12 inches below Pavement Surface and inscribed "L. A. CO. SURVEY CONTROL SYSTEM, TRAVERSE STATION CLEARWATER F-12, 1953, Set by COUNTY SURVEYOR R.E. 63."

Sub Surface Mark: None.

Reference Mark No 1: Set a standard 4 inch brass cap reference mark in Conc. flush with premix pavement, Brass Cap is stamped "L.A. CO. SURVEY CONTROL SYSTEM, REFERENCE MARK No 1, 1953, Set by COUNTY SURVEYOR R.E. 63."

Reference Mark No 2: Set a 2" I.P. Conc. Core & copper pin. center in Conc. flush with the premix paved Walk @ back of Curb.

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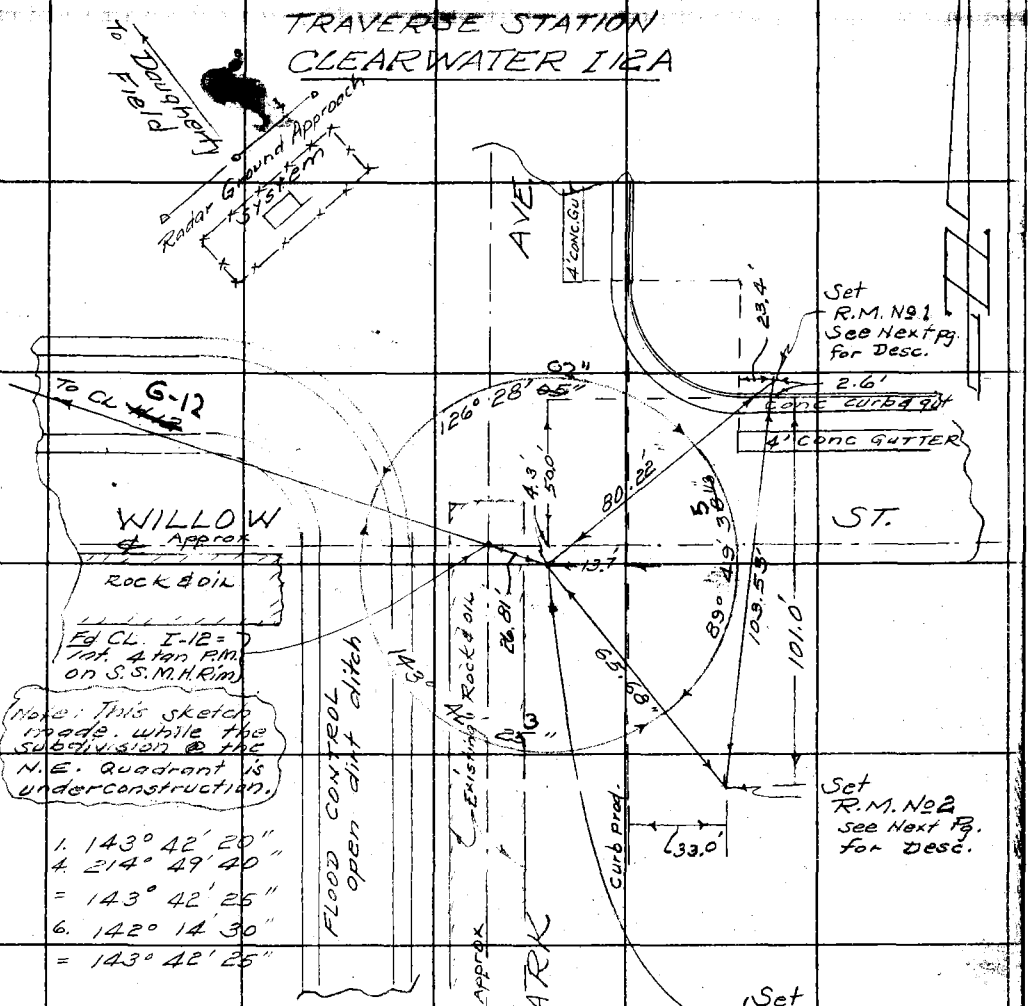
WS #30

L. A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION
CLEARWATER I12A



Note: This sketch made while the subdivision @ the N.E. Quadrant is underconstruction.

1. 143° 42' 20"
4. 214° 49' 40"
= 143° 42' 25"
6. 142° 14' 30"
= 143° 42' 25"

1. 126° 28' 10"
4. 145° 52' 10"
= 126° 28' 02 1/2
6. 38° 48' 30"
= 126° 28' 05"

1. 89° 49' 30"+
4. 359° 18' 40
= 89° 49' 40"
6. 179° 57' 50"
= 89° 49' 38 1/3"

Note: All Tie Distances measured Level T. 81°, corrections not needed or shown.

Set CLEARWATER I-12A on Prod of Line from CL H-12 Thru CL I-12. See next pg for Desc.

Fd. O.K. 7-9-'56 dn. 27" below exist. pvmt. Used as sub-mon. Set new surface mon. See Next pg.

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F.B. 939 PG. 24

CLEARWATER I12A
~DESCRIPTIONS~

This station is in Los Angeles County, in the city of Long Beach in the intersection of WILLOW ST. & CLARK AVE., 54.3' S. of the North curb prod. West & 13.7' W. of the East curb prod South.

~~Station Mark~~: Set a standard 4 inch brass cap Traverse Mark in conc 18 inches below the grade of existing curb return on N.E. corner of int. The mark is stamped "L.A. COUNTY SURVEY CONTROL SYSTEM, TRAVERSE STATION, CLEARWATER I12A, 1953, Set by COUNTY SURVEYOR R.E. 63."

Sub Surface Mark: ~~None~~.

Reference Mark No 1: Set a standard 4 inch brass cap in conc 12" below existing curb and stamped "L.A. COUNTY SURVEY CONTROL SYSTEM, REFERENCE MARK, R.M. No 1, 1953, Set by COUNTY SURVEYOR, R.E. 63."

Reference Mark No 2: Set a 2" I.P. in conc. with a conc. core & copper pin center down 24" below grade of Existing North curb & 101' south of North curb Line & 33.0' East of the East curb prod South from Existing North curb.

NEW STATION MARK:

Set a std. 4" brass Traverse cap in conc. dn. 9" below pvmt. surface and stamped "CLEARWATER I-12A, RE-SET 1956, CO. ENGR R.E. 5869". This monument is separated from the original monument by a 6" layer of sand and is in a well with a conc. pad and cast iron cover marked "COUNTY ENGINEER MONUMENT." 7-9-56 W.D. Bay

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Survey of GEODETIC CONTROL
W. O. 4900 Tape No. 116 St'd. 84 °F
Surveyed by H. R. STOCK
Notes STOCK Date 8-5-53
Indexed R. C. Johnson

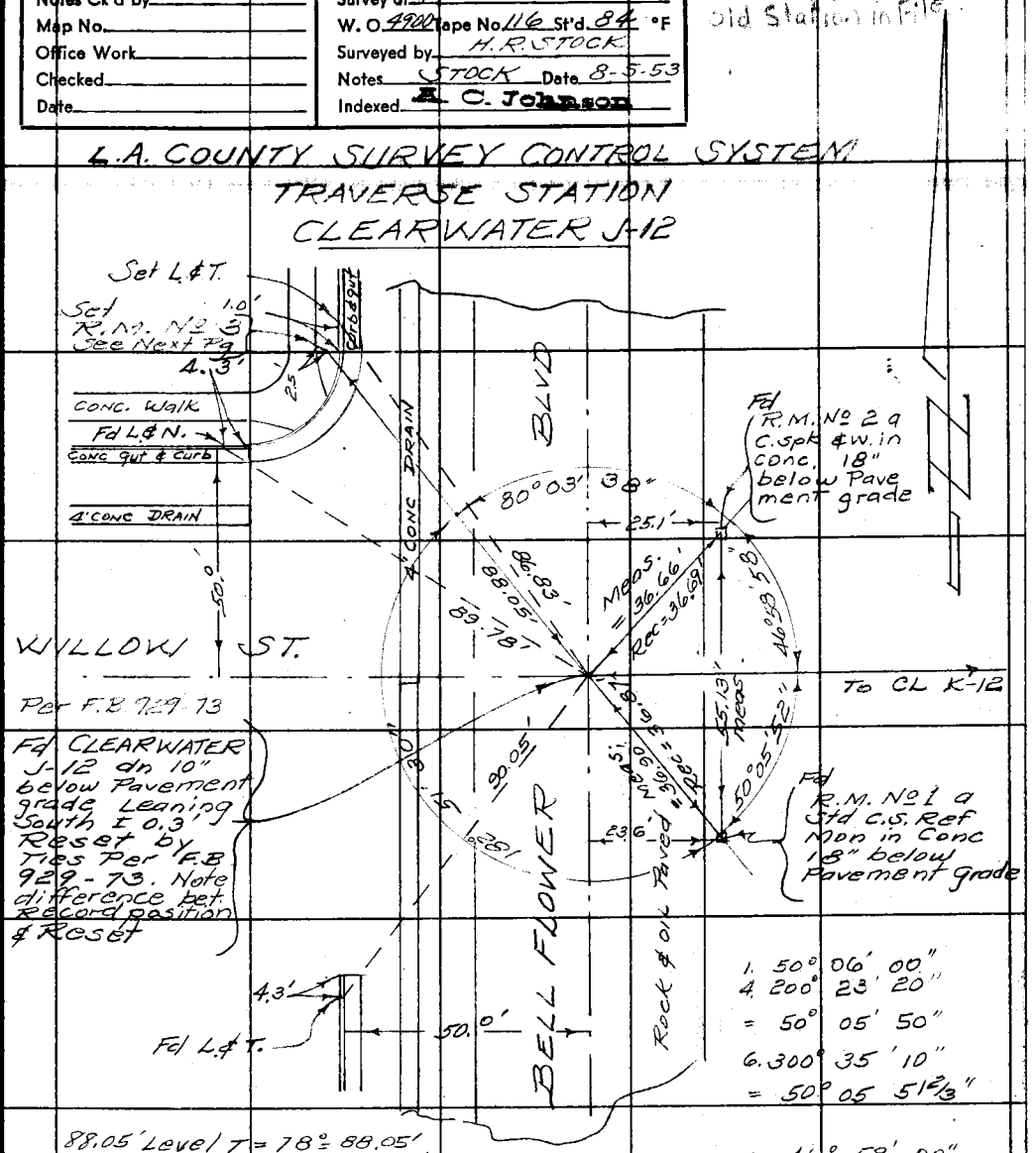
F. B. 937 PG.
Old Station in File

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
CLEARWATER J-12

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.



88.05' Level T = 78° = 88.05'
36.66' " " = 36.66'
36.90' " " = 36.90'
55.13' " " = 55.13'
90.05' " " = 90.05'
89.78' " " = 89.78'
86.83' " " = 86.83'

1. 50° 06' 00"
4. 200° 23' 20"
= 50° 05' 50"
6. 300° 35' 10"
= 50° 05' 51 2/3"

1. 46° 59' 00"
4. 187° 55' 50"
= 46° 58' 57 1/2"
6. 281° 53' 50"
= 46° 58' 58 1/3"

1. 182° 51' 30"
4. 11° 26' 10"
= 182° 51' 32 1/2"
6. 17° 09' 00"
= 182° 51' 30"

1. 80° 03' 40"
4. 320° 14' 40"
= 80° 03' 40"
6. 120° 21' 50"
= 80° 03' 38 1/3"

78F3095 247 2-51

F. B. 939 PG. 26

CLEARWATER J-12

~ DESCRIPTIONS ~

This station is in Los Angeles County, in the city of Long Beach, in the ℄ intersection of WILLOW ST. and BELLFLOWER BLVD. in a well cut thru pavement and protected by a cast iron cover lettered "COUNTY SURVEYOR MONUMENT"

STATION MARK: FOUND Station Mark minus the well & cover & Leaning South 0.3'. Mark Lowered to a depth of 4 inches below subgrade & Set in position per Tie distances from R.M. No 1 & No 2 (Note Mon - Not in exact Position check Tie distances measured after Mon. reset) The Station Mark a 4 inch brass cap is stamped "L.A. COUNTY SURVEY CONTROL SYSTEM, TRAVERSE STATION, CLEARWATER J-12, 1944, Set by COUNTY SURVEYOR, R.E. 2177."

SUB SURFACE MARK: None.

REFERENCE MARK No 1: Found a standard 4 inch brass cap Reference Mark in Conc. 18 inches below pavement grade. Mark is Lettered "L.A. COUNTY SURVEY CONTROL SYSTEM, REFERENCE MARK, CLEARWATER J-12, R.M. No 1, Set by COUNTY SURVEYOR R.E. 63." Mark is in good condition Per F.B. 929 - 73 & 74

REFERENCE MARK No 2: Found a cut spk & W. in conc. 18 inches below pavement grade.

Per F.B. [illegible]

REFERENCE MARK No 3: Set a 2" I.P. in Conc with a conc core & a copper pin Center down 18 inches below curb grade & Midway bet. curb & Sidewalk at the N. End of the N.W. Curb Return.

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

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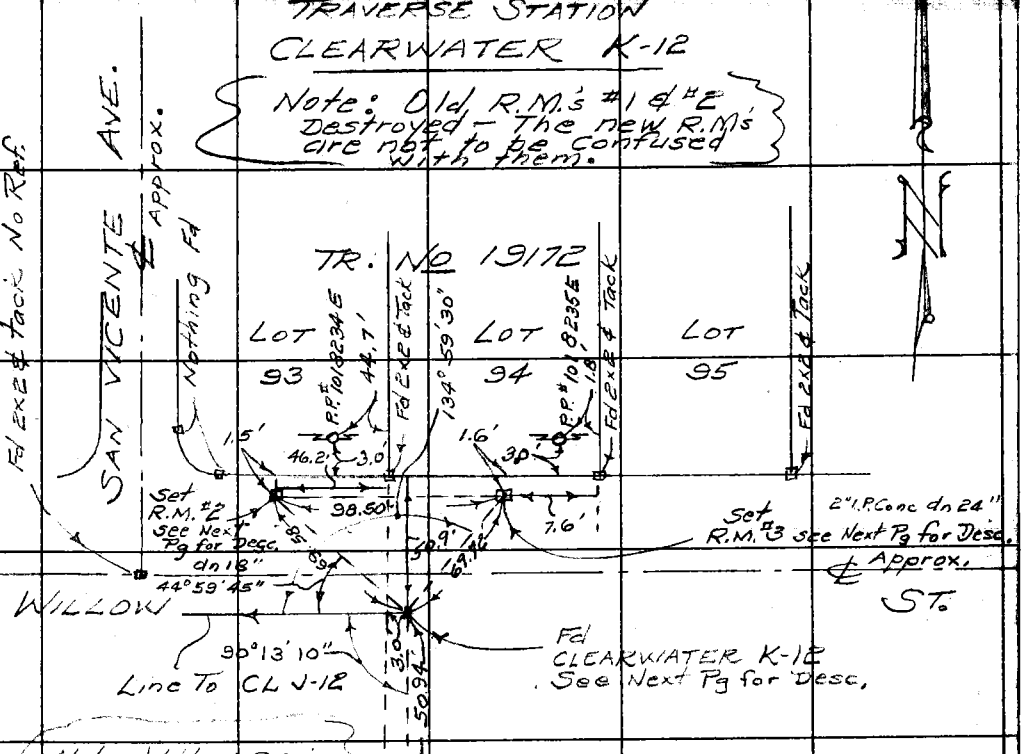
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by		Survey of GEODETIC CONTROL	F. B. 937 Pg. 27
Map No.		W. O. 2301.00 Tape No. 116 St'd. 84 °F	
Office Work		Surveyed by H. R. STOCK	
Checked		Notes H.R.S. Date 7-7-54	
Date		Indexed	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION CLEARWATER K-12

Note: Old R.M.'s #1 & #2 Destroyed - The new R.M.'s are not to be confused with them.



Note: WILLOW ST is still under construction & These notes may need to be revised after Completion of WILLOW ST.

69.58' Level @ T 94° = 69.58'
69.72' " " " = 69.72'
50.94' " " " = 50.94'
98.49' " " " = 98.50'

L1. 90° 13' 30"
L4. 360 52' 30"
= 90° 13' 07½"
L6. 181 19' 00"
= 90° 13' 10"

L1. 134° 59' 15"
L4. 179° 58' 00"
= 134° 59' 30"
L6. 89° 57' 00"
= 134° 59' 30"

L1. 44° 59' 30"
L4 179° 59' 00"
= 44° 59' 45"
L6. 269° 58' 30"
= 44° 59' 45"

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Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 247 2-51

F. B. 939 PG. 28

DESCRIPTIONS
CLEARWATER K-12

This Station is in Los Angeles County, in the city of Long Beach, in WILLOW ST. 0.9'± S. of the ℄ of WILLOW ST. & 99.7'± E. of the ℄ int of SAN VICENTE AVE.

STATION MARK: Fd a standard 4 inch bronze tablet in Conc, dn. 18 inches below field grade and lettered "L. A. Co. Survey control System. TRAVERSE STATION CLEARWATER K-12, SET BY COUNTY SURVEYOR R.E. 2177, 1944."

SUB SURFACE MARK: None

REFERENCE MARK No 1: Set a standard 4 inch brass Tablet in conc. down 21" below surface and lettered "L. A. County Survey control System Reference Mon., CLEARWATER K-12, R.M. No. 1

REFERENCE MARK No 2: Set a standard 4 inch brass Tablet in conc. down 18" below Surface and lettered "L. A. County Survey Control System Reference Mon., CLEARWATER K-12, R.M. No 2.

REFERENCE MARK No 3: Set a 2 inch Iron Pipe in Conc. with 3 Lead & Tack center in a conc. Core and down 24" below Surface.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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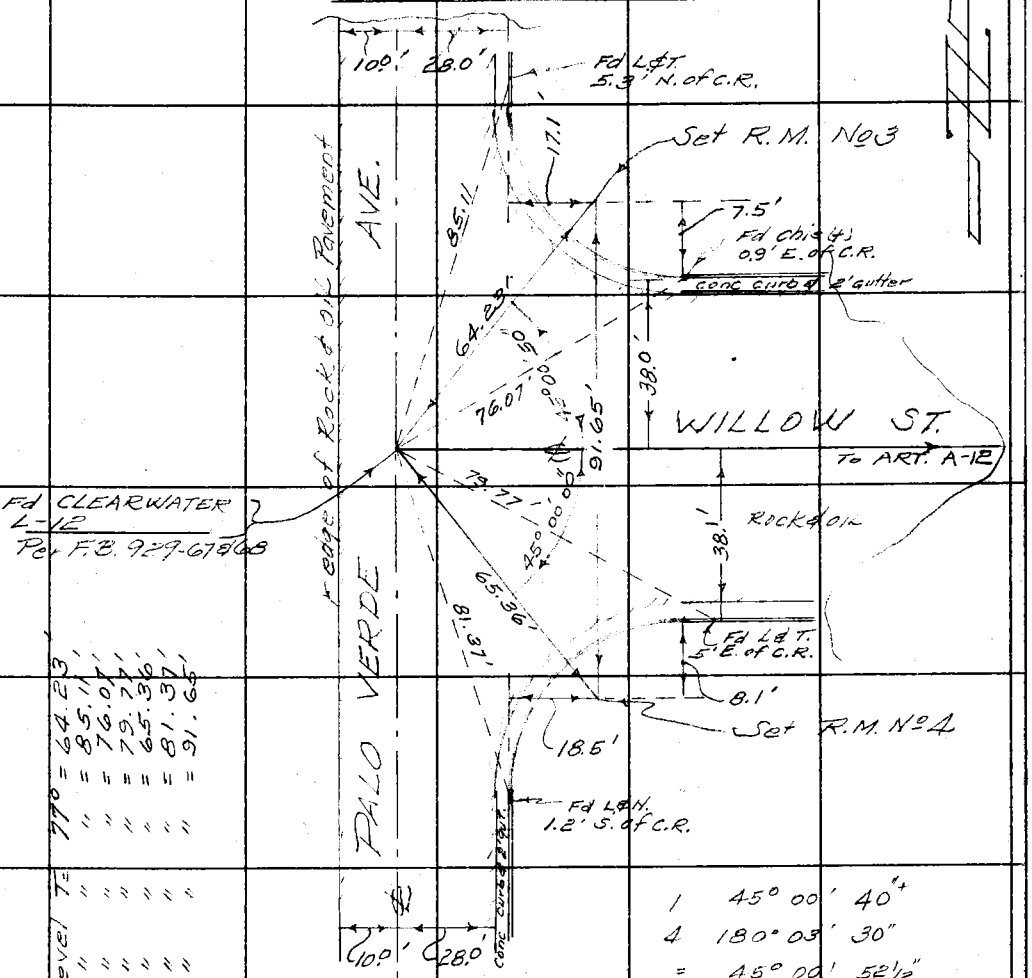
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 4900 Tape No. 116 St'd. 84 °F
Office Work	Surveyed by [illegible]
Checked	Notes [illegible] Date 8-5-53
Date	Indexed A. C. Johnson

F. B. 937 PG. 29

W-S #31

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
CLEARWATER L-12



64.23'	Level T=	77°	= 64.23'
85.11'	"	"	= 85.11'
76.07'	"	"	= 76.07'
79.77'	"	"	= 79.77'
65.36'	"	"	= 65.36'
81.37'	"	"	= 81.37'
91.65'	"	"	= 91.65'

1 45° 00' 40"+
4 180° 03' 30"
= 45° 00' 52½"
6 270° 05' 00"
= 45° 00' 50"

1 45° 00' 00"
4 180° 00' 00"
= 45° 00' 00"
6 270° 00' 00"
= 45° 00' 00"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. 939 PG. 30

CLEARWATER L-12
— DESCRIPTIONS —

This station is in the east Long Beach portion of Los Angeles County & is the center line intersection of WILLOW ST. and PALO VERDE AVE., in a well cut thru pavement & protected by a cast iron cover lettered "COUNTY SURVEYOR MONUMENT".

STATION MARK: FOUND a standard 4 inch brass cap, Traverse station mark down 12 inches below pavement grade. Mark is lettered "L.A. COUNTY SURVEY CONTROL SYSTEM, TRAVERSE STATION, CLEARWATER L-12, 1952, SET BY COUNTY SURVEYOR R.E. 2177."

Note Mark described Above is replacement of original station — cross reference.

SUB SURFACE MARK: None Per F.B. 929-67 & 68

REFERENCE MARK No 3: Set a standard 4 inch brass cap reference mark in Conc. 12 inches below curb grade. Cap is lettered "L.A. COUNTY SURVEY CONTROL SYSTEM, REFERENCE MARK, CLEARWATER L-12, R.M. No 3, 1953, set by COUNTY SURVEYOR R.E. 63".

REFERENCE MARK No 4: Set a 2" I.P. in Conc with a conc core & copper pin center 12 inches below curb grade.

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

Do not extend notes this side of this line.

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

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

Survey of TRAFFIC CONTROL
W. O. 4900 Tape No. 116 St'd. 84 °F
Surveyed by H. R. STOCK
Notes STOCK Date 8-5-53
Indexed A. C. Johnson

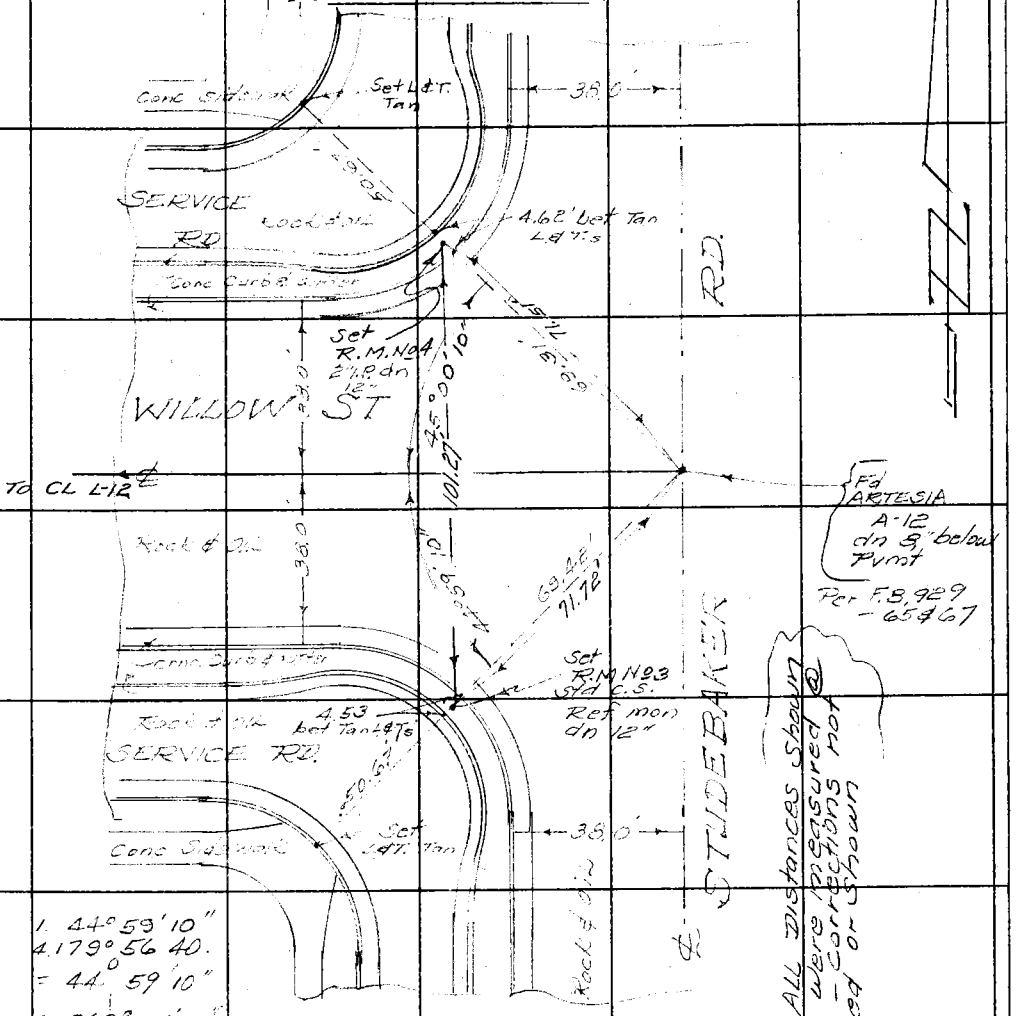
F. B. 929 Pg. 37

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

TRAVERSE STATION
ARTESIA A-12



1. 44° 59' 10"
4. 179° 56' 40"
= 44° 59' 10"
6. 269° 55' 00"
= 44° 59' 10"

1. 45° 00' 10"
4. 180° 00' 40"
= 45° 00' 10"
6. 270° 01' 00"
= 45° 00' 10"

Note: ALL Distances Shown Here were measured @ 79° - Corrections not needed or shown

76F309S 247 2-51

F.B. 939 PG. 32

ARTESIA A-12

~ DESCRIPTIONS ~

This Station is in the County of Los Angeles, in the East Long Beach portion and is the Center Line intersection of WILLOW ST and STUDEBAKER Rd.

STATION MARK: Found a standard C.S. brass cap mon., Cap is Lettered "COUNTY SURVEYOR MONUMENT", 23, 24, 25, 26, T4S R12W, dn 8 inches below pavement grade. Per F.B. 929-65 & 66

SUB SURFACE: None Per F.B. 929-65 & 66

REFERENCE MARK No 1 & No 2 Per F.B. 929-65 & 66 found Horizontal - DESTROYED.

REFERENCE MARK No 3: Set a standard 4 inch brass cap reference mark in conc. dn 12 inches below curb grade. Mark is Lettered "L.A. COUNTY SURVEY CONTROL SYSTEM, REFERENCE MARK ARTESIA A-12, R.M. No 3, 1953, SET BY COUNTY SURVEYOR R.E. 63".

REFERENCE MARK No 4: Set a [illegible] in conc with Conc Core & Copper pin Center down 12" below Curb grade.

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

Do not extend notes this side of this line.

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

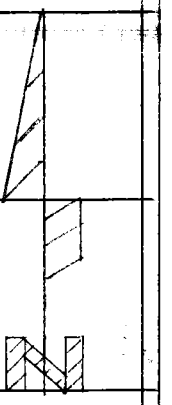
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. Tape No. 116 St'd. 84 °F
Office Work	Surveyed by RIOWM
Checked	Notes V. M. BROWN Date 8-18-53
Date	Indexed H. C. Johnson

F. B. 763 Pg.

L. A. CO. SURVEY CONTROL SYSTEM

TRAVERSE STATION

ARTESIA B-12



Steel transmission tower # 31

267.42 @ 2°39' = 267.13
52.72 level = 52.72
319.85
Temp = 76° corr. = .02
319.83

215.59 @ 4°11' = 215.02'
Temp = 69° corr = .02
215.00

145.90 @ 6°07' = 145.07'
Temp 69. corr = .02
145.05

159.56 Level = 159.56
Temp - 86° corr = 00

284.78 Level = 284.78
Temp = 86° corr = 00

dirt road

Top of Flood control dike

Toe of dike

85'

9.74

RM NO 6 set

NET in Tel. pole # 15793 LM

1) 89 39 00
4) 358 35 50
= 89 38 57½
6) 177 53 40
= 89 38 56⅔

0.26'

89° 38' 57"

Set RM NO 5

(tan to ARTESIA A-12)

1) 90 07 00
4) 360 28 00
= 90 07 00
6) 180 42 00
= 90 07 00

0.36'

90° 07' 00"

A @ RM No 5 ART B-12 TO RM #2

T @ RM NO 6
RM NO 5 TO RM NO 2
1) 00 08 50
4) 00 35 30
= 00 08 47½
6) 00 53 00
00 08 50

1) 42 17 20
4) 169 08 50
= 42 17 12⅔
6) 253 43 10
= 42 17 11⅔ = ∠

+ 00 08 50
42 17 12
= 42 26 02

T @ RM No 6 & RM #2 to ART. B-12

1) 47 54 50
4) 191 38 40
= 47 54 40
6) 287 28 40
47 54 40

T @ ART B-12 RM #5 TO RM #6

47° 54' 40"

set ARTESIA B-12

145.05'

62° 54' 45"

0.62° 54' 40"
4) 251° 39' 00"
= 62° 54' 45"

T @ ART B 12 RM #2 TO RM #5

284.78'

319.83'

110° 20' 50"

26° 58' 20"

T @ RM #2
RM #5 TO ART. B-12
1) 26 58 10
4) 107 53 20
= 26 58 20
6) 161 50 00
= 26 58 20

8.7'

To ARTESIA A-12

Fd. R.M. NO 2

0.7

Steel transmission Tower # 30

1) 110° 20' 50"
4) 81° 23' 20"
= 110° 20' 50"
6) 302° 04' 50"
= 110° 20' 48"

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Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 247 2-51

F.B. 939 PG. 34

ARTESIA B-12
DESCRIPTIONS

ART. B-12 is in Los Angeles County on a Flood Control dike along the west bank of the San Gabriel River and northerly of the center line of WILLOW ST produced easterly and about 145' easterly of the east line of steel electric transmission towers. It is about 5' west of the east edge of the dike and 1' below the top of the dirt grade. The dike is about 18' higher than the ground to the west

STATION MARK is 4" brass cap set in concrete and lettered "L.A. COUNTY SURVEY CONTROL SYSTEM ARTESIA B 12 1953 COUNTY SURVEYOR R.E. 63"

SUB-SURFACE MARK: None per F.B. 929-63-64

REFERENCE MARK NO. 1: Not found. Buried under 16' fill.

REFERENCE MARK NO. 2: Is 4" brass cap in concrete 4" below ground surface. It is lettered "L.A. COUNTY SURVEY CONTROL SYSTEM REFERENCE MARK ARTESIA B 12 COUNTY SURVEYOR R.E. 63"

REFERENCE MARK NO. 3: Not found

REFERENCE MARK NO. 4: Destroyed

REFERENCE MARK NO. 5: Set copper wire in concrete core of 2" I.P. 30" below ground surface and on line to station ARTESIA A 12. It is 16± west of center of dirt road.

REFERENCE MARK NO. 6: Set copper wire in concrete core of 2" I.P. which is buried in concrete and is 30" below ground surface

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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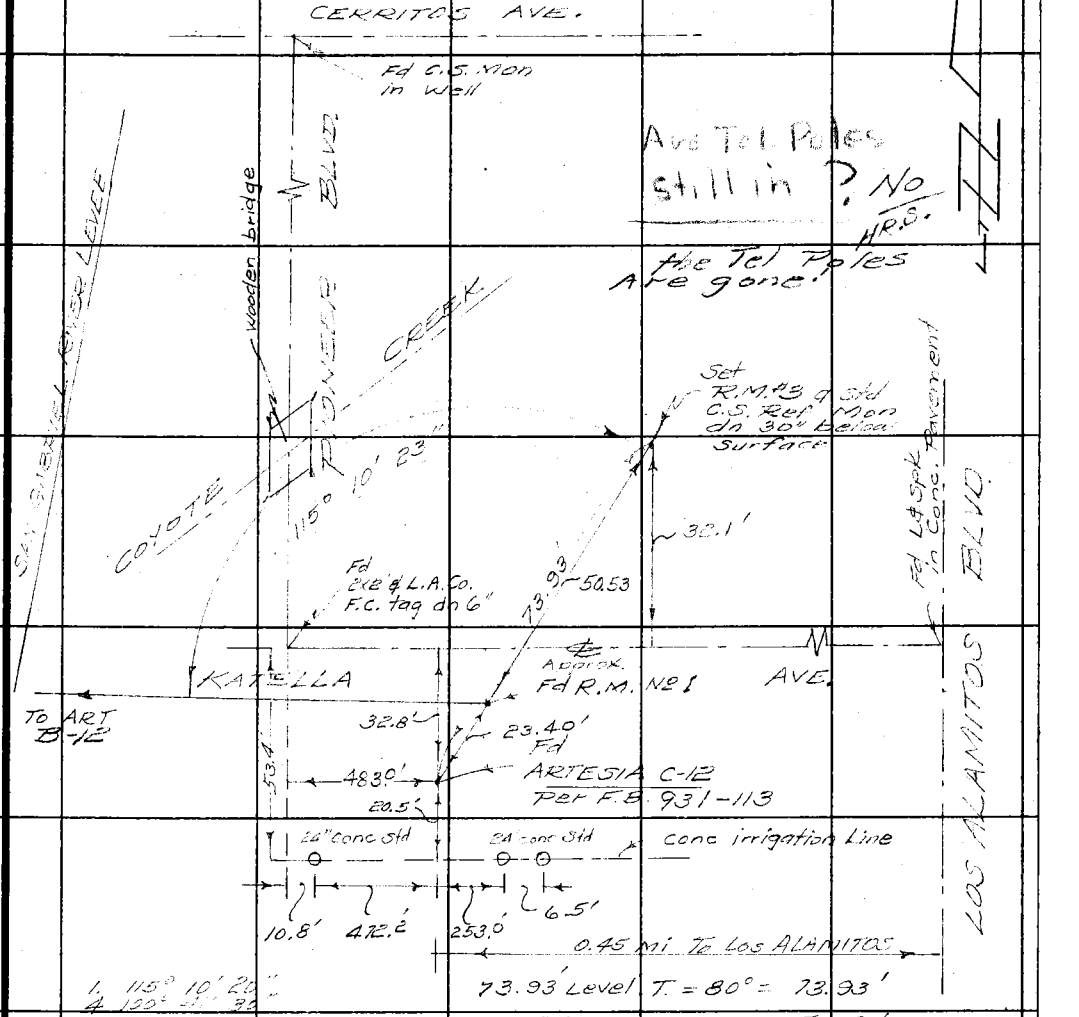
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 4900 Tape No. 116 St'd. 84 °F
Office Work	Surveyed by H. R. Stock
Checked	Notes STOCK Date 8-19-53
Date	Indexed A. C. Johnson

F. B. 737 PG. 33

L.A. CO. SURVEY CONTROL SYSTEM
TRIANGULATION STATION
ARTESIA C-12



1. 115° 10' 20"
4. 100° 41' 30"
= 115° 10' 22½"
6. 331° 02' 30"
= 115° 10' 23⅓"

73.93' Level T. = 80° = 73.93'
50.53' " " = 50.53'
23.40' " " = 23.40'

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F. B. 939 PG. 36

ARTESIA C-12

— DESCRIPTIONS —

This Station is in Orange County in the vicinity of Los Alamitos, on the South side of Katella Ave. 483.0' E. of the center line of Pioneer Blvd. and 20.5' North of the Conc irrigation line in field on South side of Katella Ave.

STATION MARK: Found (Per F.B. 931-113 & 114) a standard 4 inch brass tablet inscribed: L.A. COUNTY SURVEY CONTROL SYSTEM, TRIANGULATION STATION, ARTESIA C-12, R.E. 2177, Set By County Surveyor 1942", in conc 18 inches below surface.

SUB SURFACE MARK: None Per F.B. 931-114

REFERENCE MARK No 1: Found cut spk S.W. Set in conc 18 inches below surface of ground per F.B. 931-113 & 114.

REFERENCE MARK No 2: Searched but fd Nothing.

REFERENCE MARK No 3: Set a standard 4 inch brass tablet in conc 30 inches below surface of field. Tablet is lettered "L.A. County Survey [illegible] R.M. No 3, [illegible] SURVEYOR R.E. 65".

RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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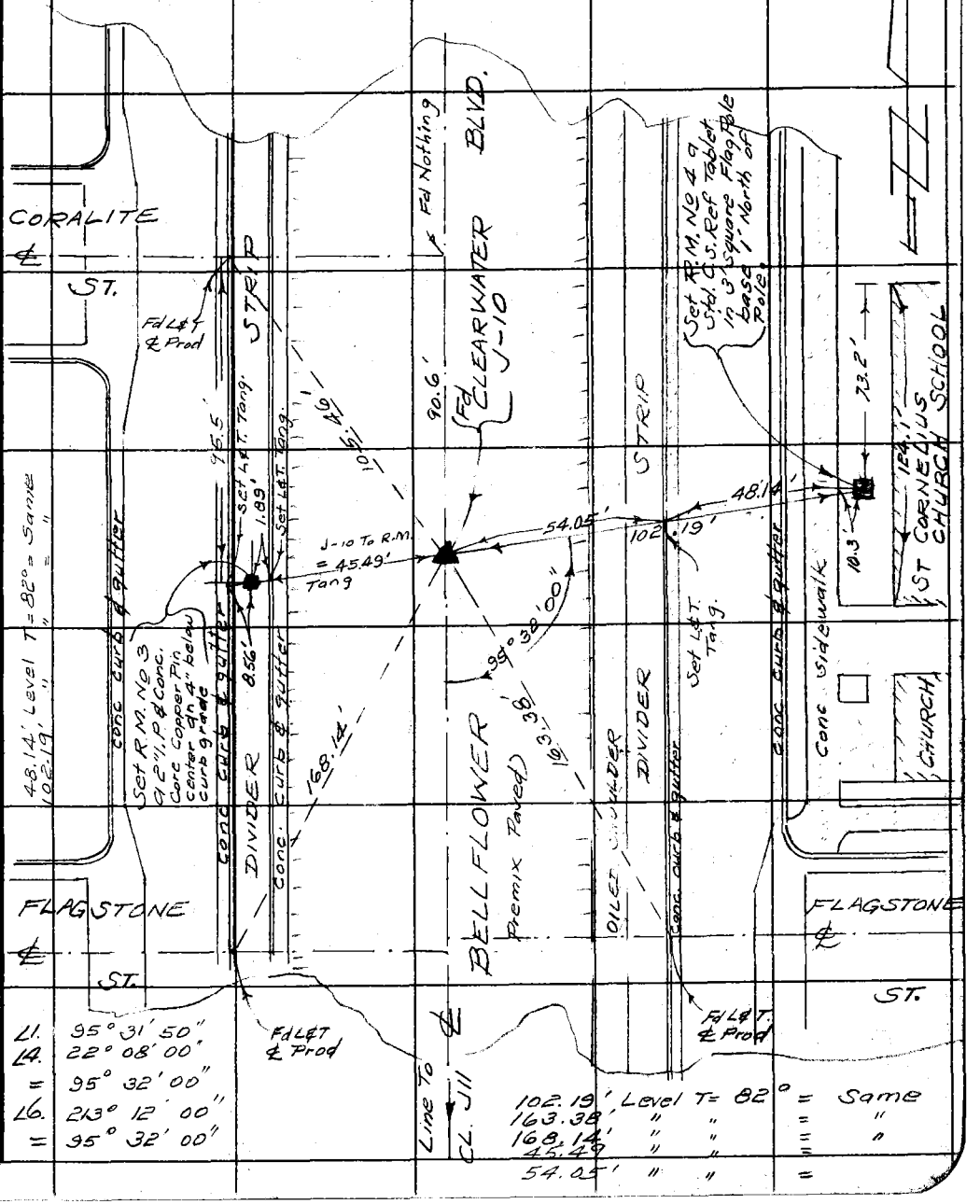
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 4900 Tape No. 116 St'd. 84 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes STOCK Date 6-29-53
Date	Indexed E. C. Johnson

F. B. 737 PG. 57

Old Sta. New Sketch

L.A. CO. SURVEY CONTROL SYSTEM

TRAVERSE STATION CLEARWATER J-10



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. 939 PG. 38

CLEARWATER J-10
DESCRIPTIONS

This Station is in the Lakewood Village district of Los Angeles County, on the Center Line of Bellflower Blvd, 90.6' South of the ℄ intersection of CORALITE ST. in a "V" cut thru the pavement & protected by a cast iron cover lettered "COUNTY SURVEYOR MONUMENT."

STATION MARK: Found a 2½ inch brass tablet inscribed "L.A. Co. 15, 15, 22 and 22, 1928", Set in conc. 10 inches below Subgrade of street, as per F.B. 465-39 & F.B. 929-51.

SUB SURFACE MARK: None Per F.B. 929-52.

REFERENCE MARK No 1: Found lying horizontal - destroyed.

REFERENCE MARK No 2: Not found.

REFERENCE MARK No 3: Set a 2" P.P. in conc with a conc core with a Lead bar & copper tack center, down 0.4' below curb grade.

REFERENCE MARK No 4: Set a standard 4 inch brass tablet lettered "L.A. COUNTY SURVEY CONTROL SYSTEM, REFERENCE MARK, CLEARWATER J-10, 1953, R.M. No 4 Set by COUNTY SURVEYOR R.E. 63", in the 3' square conc. base of Flag pole of the Saint Cornelius Church School.

RETURN TO
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725 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Notes Ck'd by	Survey of Geodetic Control
Map No.	W. O. 4900 Tape No. 116 St'd. 84 °F
Office Work	Surveyed by Stock
Checked	Notes J. H. Brown Date 7-2-53
Date	Indexed C. Johnson

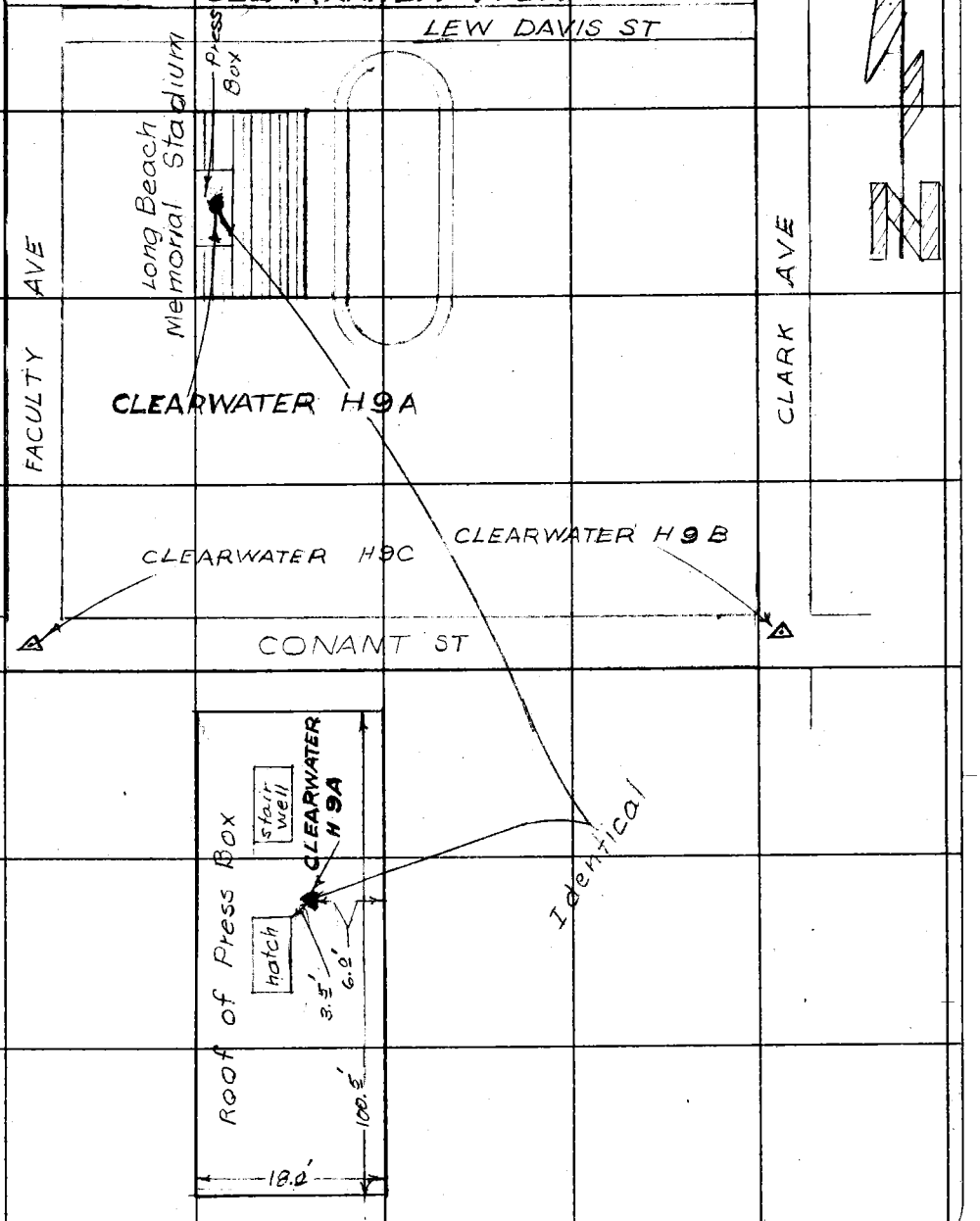
F. B. [illegible] PG. 39

W.S. #30

LA COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

CLEARWATER H9A



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. 939 Pg. 40

- DESCRIPTIONS -

CLEARWATER H9A

This station is in Los Angeles County, City of Long Beach, Heartwell Park area. It is about ½ mi east of Lakewood Blvd and ¼ mi south of Carson St. Station is on the roof of the press box of the Long Beach Veterans Memorial Stadium.

STATION MARK: Set standard brass triangulation disk in concrete flush with tile roofing. Mark is stamped "CLEARWATER H9A 1953 COUNTY SURVEYOR R.E. 63"

Sub Surface Mark: None

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725 LOS ANGELES COUNTY
ENGINEERING BLDG.

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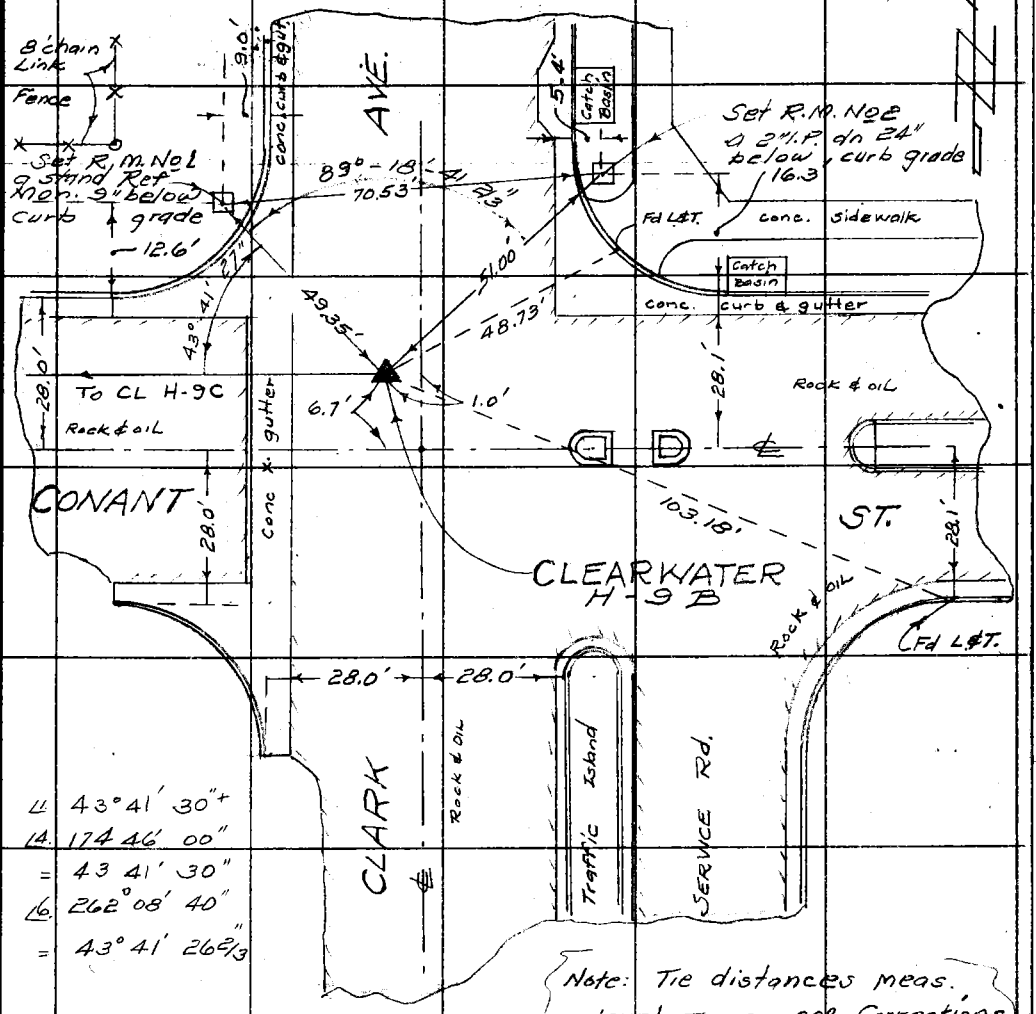
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 4900 Tape No. 116 St'd. 84 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes STOCK Date 7-9-53
Date	Indexed R. C. Johnson

F. B. 937 PG. 41

W. S. # 30
New Sta.

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION
CLEARWATER H-9B



∠1. 43° 41' 30"+
∠4. 174 46' 00"
= 43 41' 30"
∠6. 262° 08' 40"
= 43° 41' 26 2/3"

Note: Tie distances meas. level Temp = 89° Corrections not necessary.

∠1. 89° 18' 50"
∠4. 357° 14' 50"
= 89° 18' 42 1/2"
∠6. 175° 52' 10"
= 89 18 41 2/3"

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F. B. 939 PG. 42

TRIANGULATION STATION CLEARWATER H-9B
~DESCRIPTIONS~

CA H-9B: This Station is in Los Angeles County, in the City of Long Beach, in the Area known as HEARTWELL PARK in the intersection of CLARK AVE. & CONANT ST. 6.1' north of ℄ CONANT ST & 1.0' West of the ℄ of CLARK AVE. in a well cut thru Pavement & protected by a C.I. cover Marked "COUNTY SURVEYORS MONUMENT"

STATION MARK: Set a standard 4" brass Cap TRAVERSE STATION MARK in Conc. 13 inches below the pavement Surface and inscribed "COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION CLEARWATER H-9-B, 1953, Set by COUNTY SURVEYOR R.E. 63"

SUB SURFACE MARK: None.

REFERENCE MARK No 1: Set a standard 4" brass Cap Ref. Mark down 9 inches below curb grade & inscribed "COUNTY SURVEY CONTROL SYSTEM REFERENCE MARK No 1, CLEARWATER H-9-B, 1953, Set by COUNTY SURVEYOR R.E. 63."

REFERENCE MARK No 2: Set a 2" I.P. in conc with a conc core with Lead bar & copper Tack center, down 24 inches below Existing curb grade.

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

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 4900 Tape No. 116 St'd. 84 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes STOCK Date 7-7-53
Date	Indexed R. C. Johnson

F. B. 232 Pg. 43

L. A. CO. SURVEY CONTROL SYSTEM

TRIANGULATION STATION CLEARWATER H-9 C

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

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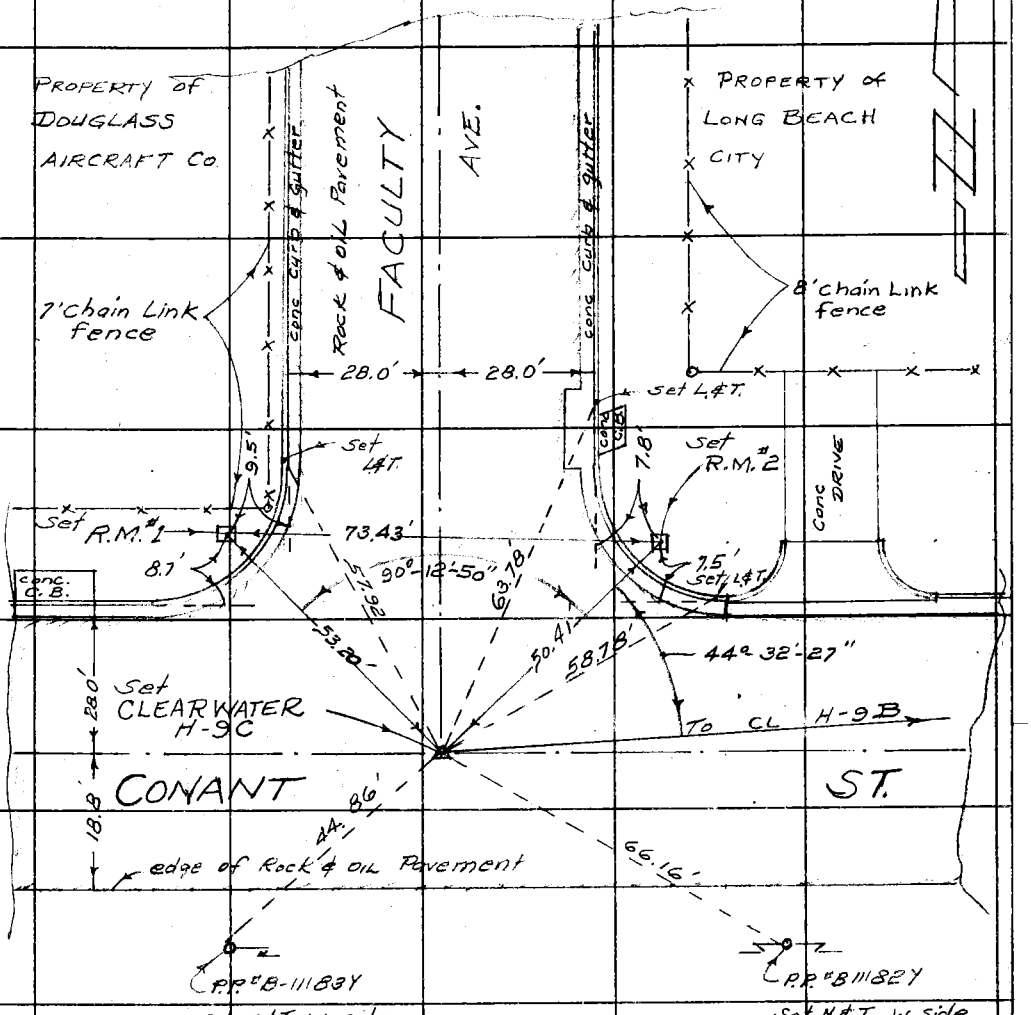
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.



Set N&T. W. side

Set N&T. W. side

L1. 90° 12' 50"	L1. 44° 32' 27"
L4. 360° 51' 10"	L4 178° 10' 00"
= 90° 12' 47½"	= 44° 32' 30"
L6. 181° 17' 00"	L6. 267° 14' 40"
= 90° 12' 50"	= 44° 32' 26 2/3"

Note: All Ties meas. level @ Temp. 84° — No Correction needed or shown

76F309S 247 2-51

F.B. 939 PG. 44

TRIANGULATION STATION CLEARWATER H-9-C

— DESCRIPTION —

LOCALITY:

This station is in Los Angeles County, in the city of Long Beach, in the area known as Heartwell park. To reach drive South from the intersection of Lakewood Blvd & Carson St. 0.5 Mi. To Conant St. then Left or east 0.25 Mi. To intersection of Conant St. & Faculty Ave. at the South West Corner of the city of Long Beach's VETERANS MEMORIAL STADIUM. This station is a replacement of a 2" I.P. Conc Plug & R.E. 957 Tag found 18" down at the center. Line intersection of Conant St. & Faculty Ave. Station is in a well cut thru pavement & protected by C.I. Cover inscribed "COUNTY SURVEYOR MONUMENT."

STATION MARK: Station mark is Standard 4" Brass capped Triangulation station mark inscribed "L.A. Co. Surv. Cont. Sys. Triangulation Sta. CLEARWATER H-9C, 1953", Set By County Surveyor R.E. 63. Was Set in conc. 12" below pavement Surface or 5" below pavement Sub grade.

SUB SURFACE MARK: None.

REF. MARK No 1: Set a std C.S. Ref. Mon. in Conc., 4" Brass Cap inscribed "L.A. Co. Surv. Cont. System Reference Mark No 1 CLEARWATER H-9-C, 1953 Set by L.A. Co. Surveyor, R.E. 63". 8 inches below curb grade. Mon. is 8.7' N. of N. Curb Line of Conant ST & 9.5' W. of W. Curb Line of Faculty Ave.

REF. MARK No 2: Set a 2" I.P. with Conc Core, bar Lead & copper Tack center, in Conc 8" below curb grade. Mon was set 7.5' N. of N. curb of CONANT ST & 7.8' E. of E. curb of FACULTY Ave.

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

939-45

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 4900 Tape No. 0124 St'd. 68 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes STOCK Date 7-21-53
Date	Indexed A. C. Johnson

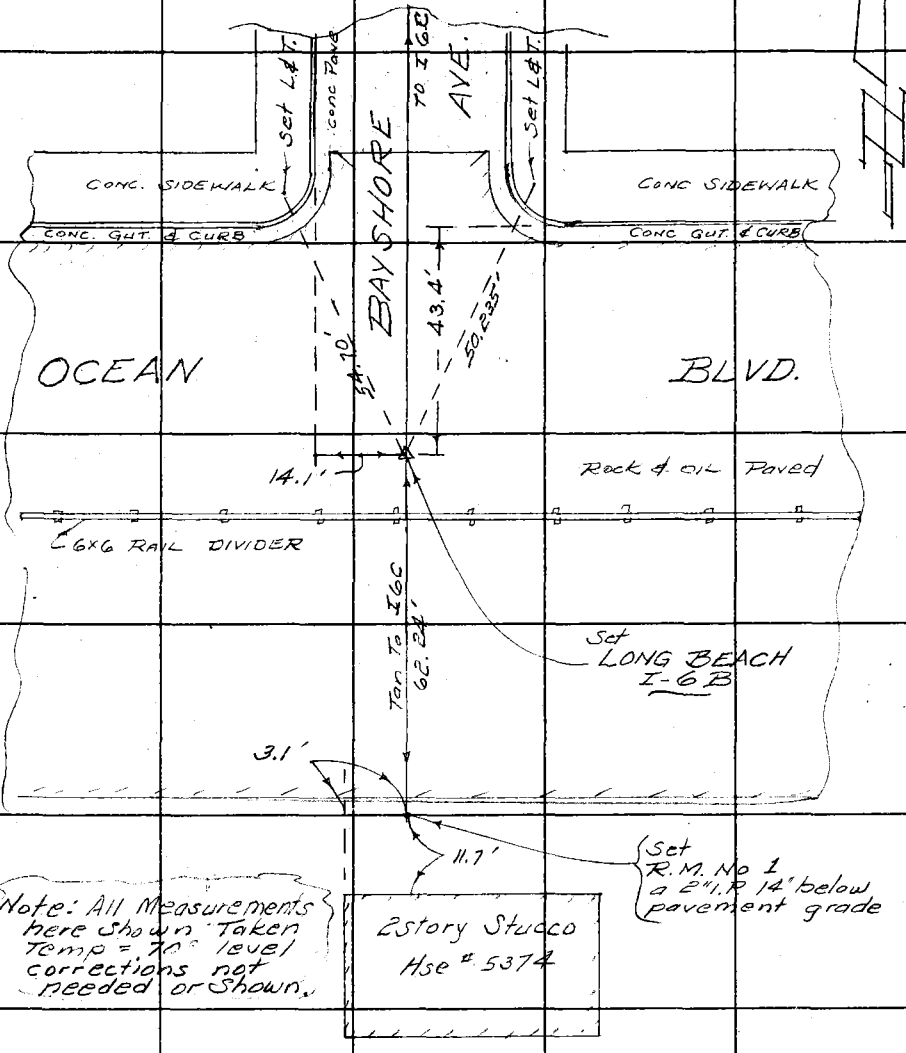
F. B. 237 Pg. 46

W. S. # 31

N

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION LONG BEACH I-6B



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. 937 PG. 46

TRAVERSE STATION
LONG BEACH I6B
~DESCRIPTIONS~

This Station is in Los Angeles County in the Alamitos Bay Area of the city of Long Beach in the intersection of Ocean Blvd. & Bayshore Ave. 43.4' South of the north curb line of Ocean Blvd & 14.1' E of the W. curb line of Bay Shore Ave. in a well cut thru Pavement & protected by a C.I. Cover inscribed "County Surveyor Monument."

STATION MARK: Set a standard 4" brass cap C.S. Traverse mark" in conc 19 inches below pavement Surface. Brass Cap inscribed "County Survey Control System Traverse Station Long Beach I6B, 1953. Set by County Surveyor R.E. 63".

SUB SURFACE MARK: None.

REFERENCE MARK No 1: Set a 8" I.P. in conc with a conc core, Lead bar & copper tack center 14 inches below pavement grade on the Approx. ℄ prod. of Bayshore Ave 1.0' S. of Pavement.

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

Do not extend notes this side of this line.

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

939-47

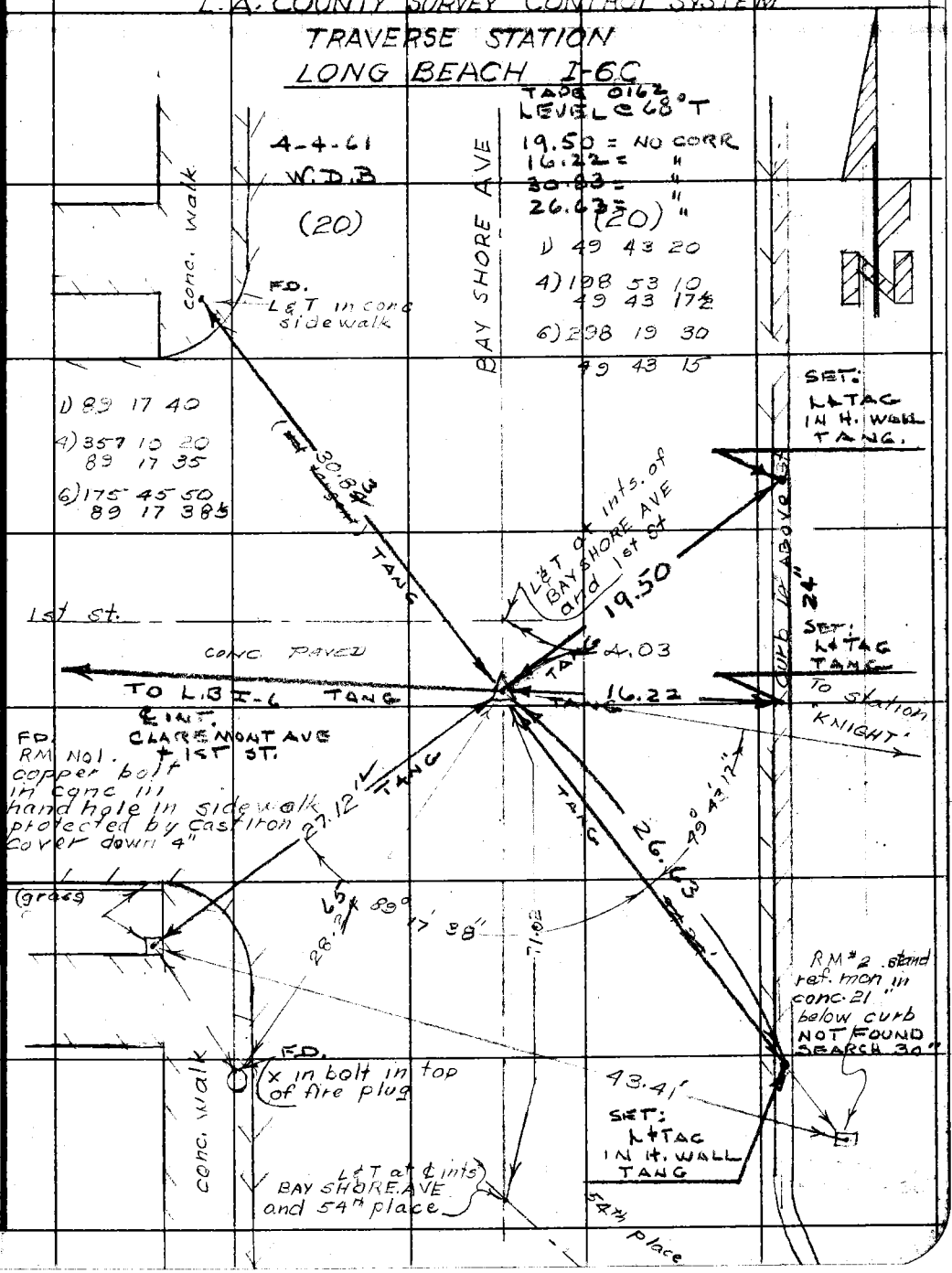
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 4900 Tape No. 0124 St'd. 68 °F
Office Work	Surveyed by Stock
Checked	Notes J. H. Brown Date 7-17-53
Date	Indexed A. C. Johnson

F. B. [illegible] PG. [illegible]

W.O. # 31
New Stg

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION
LONG BEACH I-6C



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 2-51

F. B. 939 PG. 42

DESCRIPTION
LONG BEACH 16C

This station is in Los Angeles County, Long Beach City, near Alamitos Bay. It is on Bay SHORE AVE., 44ft south of the ℄ int. with 1st St. which is one block N of Ocean Ave

STATION MARK: Set a stand. 4 inch bronze disk in conc. Inscribed. "L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION LONG BEACH 16C 1953 SET BY COUNTY SURVEYOR RE63" in a well drilled through pavement and protected by a cast iron cover

RM NO 1 is a copper bolt in conc. in a well in sidewalk and protected by cast iron cover. Lowin 5" below sidewalk surface. unmarked.

RM No 2 is a stand. C.S. ref Mon in conc. 21" below top of conc. It is inscribed "L.A. COUNTY SURVEY CONTROL SYSTEM REFERENCE MARK LONG BEACH 16C 1953 RM NO2 SET BY COUNTY SURVEYOR R.E. 63" R.M. #2 SEARCH MADE NO EVIDENCE e 30"

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

Do not extend notes this side of this line.

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

939-49

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 4900 Tape No. [illegible] St'd. 84 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes STOCK Date 7-13-53
Date	Indexed A. C. Johnson

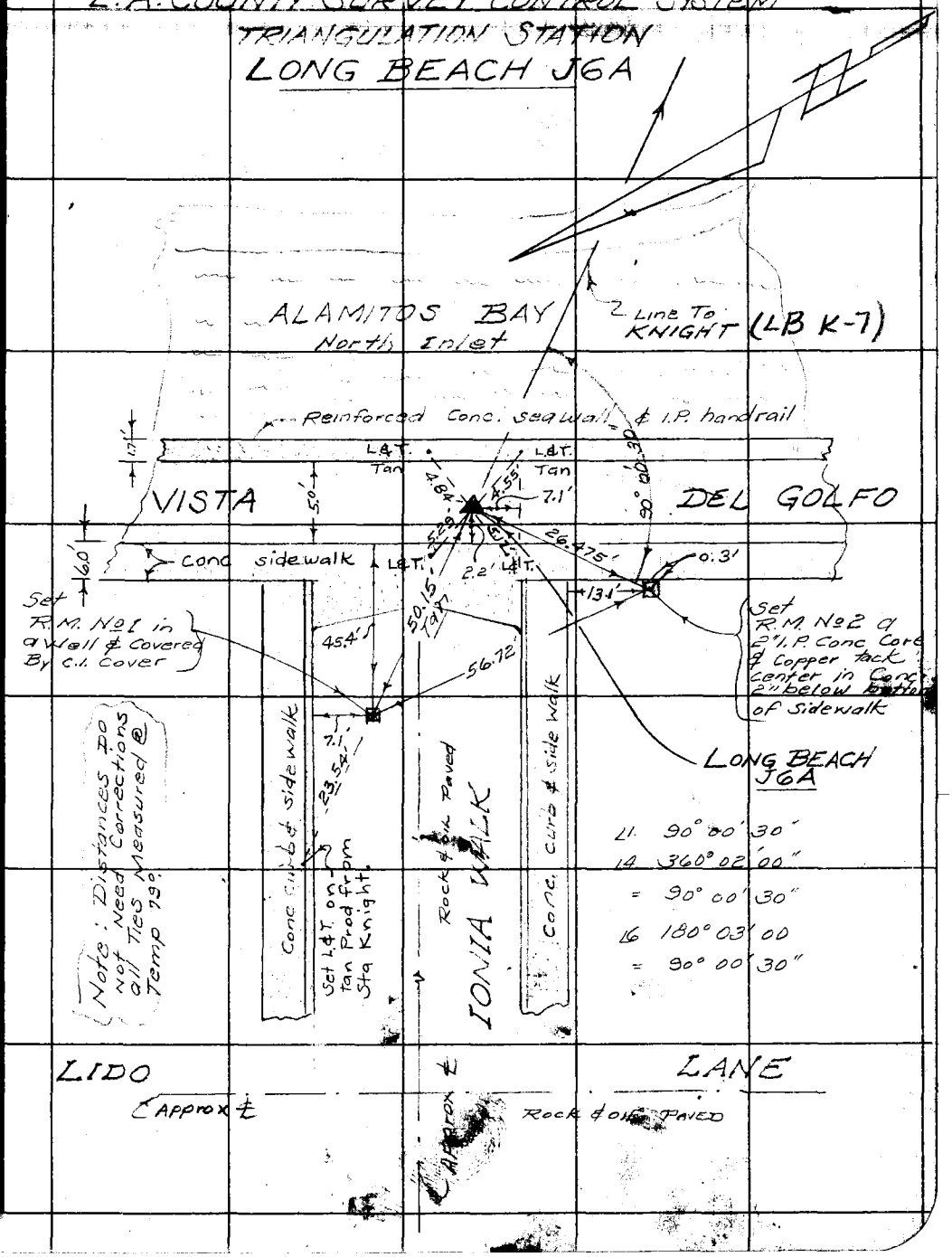
F. B. [illegible] Pg. [illegible]

W.S. # 31

L. A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

LONG BEACH J6A



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2.51

F. B. 999 PG. 50

— DESCRIPTIONS —

LONG BEACH J6A - This station is in the County of Los Angeles, in the Alamitos Bay Area of the city of LONG BEACH at the East end of IONIA WALK on the VISTA DEL GOLFO. Between the Side walk & seawall. To reach from the intersection of 2nd ST & The TOLEDO, drive west on the TOLEDO to GIRALDA Walk, thence left on Angelo Walk one block to Ionia Walk, thence Left one block to VISTA DEL GOLFO & station site.

Station Mark: Set a standard C.S. 4" brass cap Triangulation mark inscribed " L.A.Co. Survey Control System, Triangulation mark Long Beach J6A, 1953, Set by County Surveyor R.E. 63" in concrete flush with walk.

Sub Surface Mark: None.

Reference Mark No 1: Set a standard 4" brass cap inscribed "L.A. COUNTY SURVEY CONTROL SYSTEM, TRIANGULATION STATION, LONG BEACH J-6A, 1953 R.M. No 1 Set by COUNTY SURVEYOR R.E. 62." in Conc. 12" below Surface of pavement in a well cut thru pavement & protected by C.I. cover.

Reference Mark No 2: Set a 2" I.P. in conc. in a conc. core with a Lead bar & copper tack Center 7" below sidewalk grade & 6" West of the west edge of Walk VISTA DEL GOLFO & 1' South of South edge of South walk of Ionia Walk.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 4900 Tape No. 0124 St'd. 68 °F
Office Work	Surveyed by H. R. Stock
Checked	Notes J. H. Brown Date 7-21-53
Date	Indexed E. C. Johnson

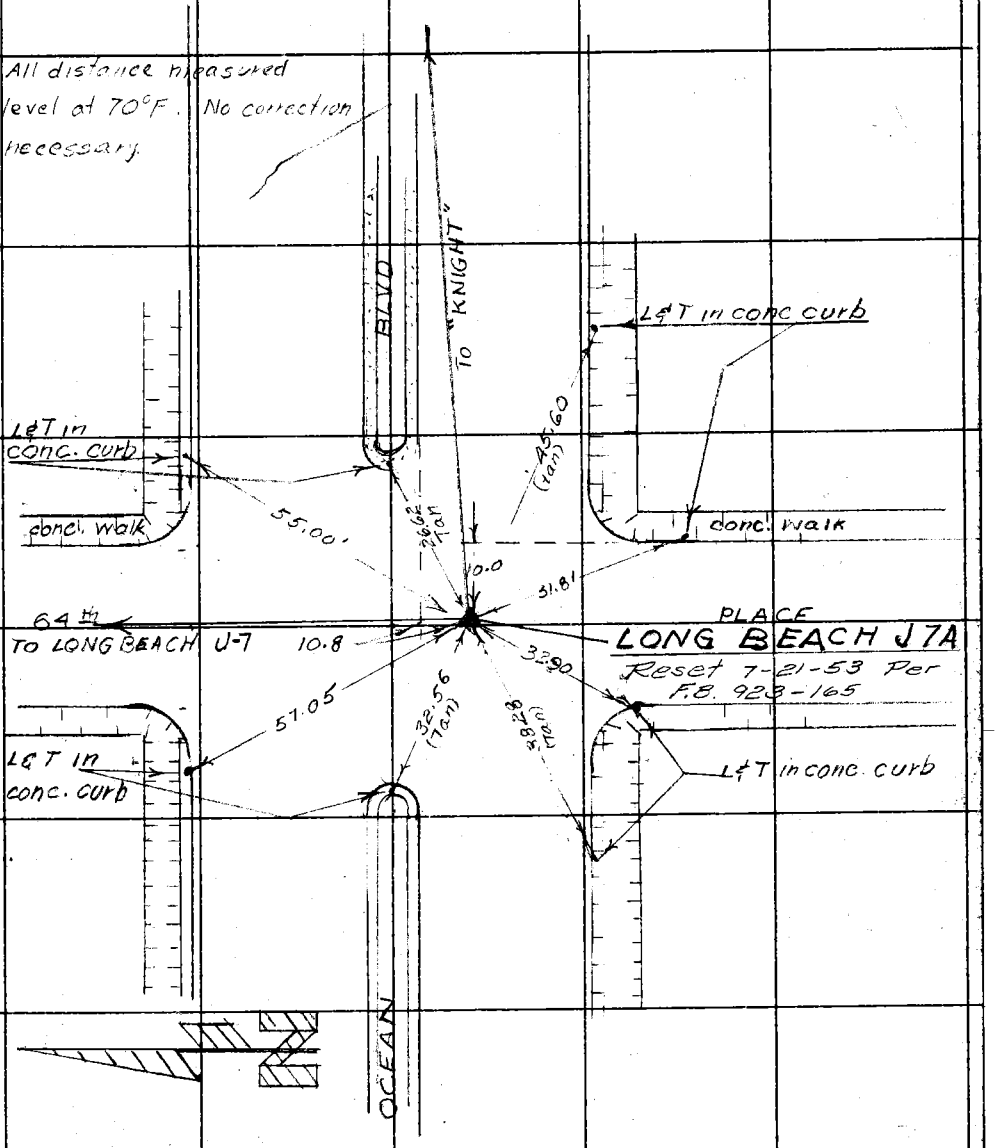
F. B. 737 PG. 51

Old Station
Put on old Card
in File.

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

LONG BEACH J 7A



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. 937 Pg. 52

TRAVERSE STATION
LONG BEACH J7A
~ DESCRIPTIONS ~

Old description is adequate.

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

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 4900 Tape No. 116 St'd. 84 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes STOCK Date 7-29-53
Date	Indexed A. C. Johnson

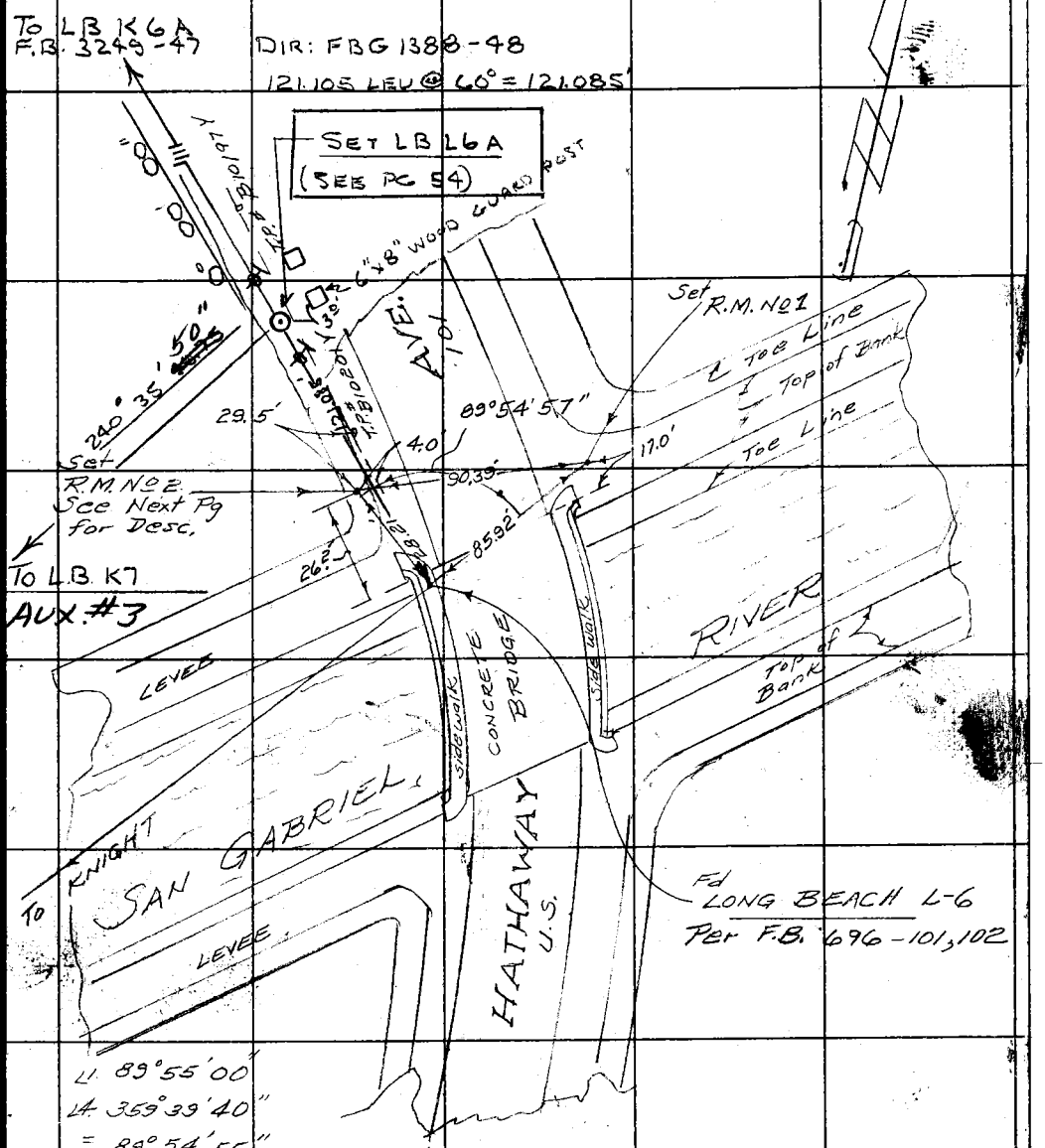
F. B. [illegible] PG. [illegible]

Old Sta. Pat [illegible] Card in File

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

LONG BEACH L-6



L1. 89°55'00"
L4. 359°39'40"
= 89°54'55"
L6. 179°29'40"
= 89°54'56 2/3"

90.39' Level T = 80° = 90.39'
85.92' " " = 85.92'

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. 939 PG. 54

LONG BEACH L-6

— DESCRIPTIONS —

This Station is in the County of Los Angeles, in the city of Long Beach, on the sidewalk in the North west corner of the concrete bridge on HATHAWAY AVE (U.S. HWY. NO 101) over the L.A. COUNTY FLOOD CONTROL CHANNEL of the SAN GABRIEL RIVER, 1.3ft Southerly from north end of bridge and 2.5 ft. Westerly from the west curb of bridge.

STATION MARK: Found, a standard 4 inch brass Tablet, inscribed "L.A. COUNTY SURVEY CONTROL SYSTEM, TRIANGULATION STATION, LONG BEACH L-6, 1937, Set by COUNTY SURVEYOR R.E. 2177", in conc walk of bridge.

SUB SURFACE MARK: None Per F.B. 696-102

REFERENCE MARK No 1: Set a Standard 4 inch brass Tablet in Conc. 16 inches below Surface of Levee. Tablet is Lettered "L.A. COUNTY SURVEY CONTROL SYSTEM, REFERENCE MARK, LONG BEACH L-6, R.M. No 1, 1953, SET BY COUNTY SURVEYOR R.E. 63."

REFERENCE MARK No 2: Set a 2" I.P. in conc. with a conc core and a copper pin center 4 inches deep - halfway betwween the Toe & Top of bank or Fill.

LONG BEACH L6A

A 1" I.P. WITH A C.E. TAG AND TACK SET IN EPOXY PLUG. SET FLUSH IN TOP OF FILL. SET ON TAN BETWEEN L.B. KCA & L.B. LC L6A IS 1.42 LOWER THAN L6.

R.C. WILSON 2-22-74

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

Do not extend notes this side of this line.

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

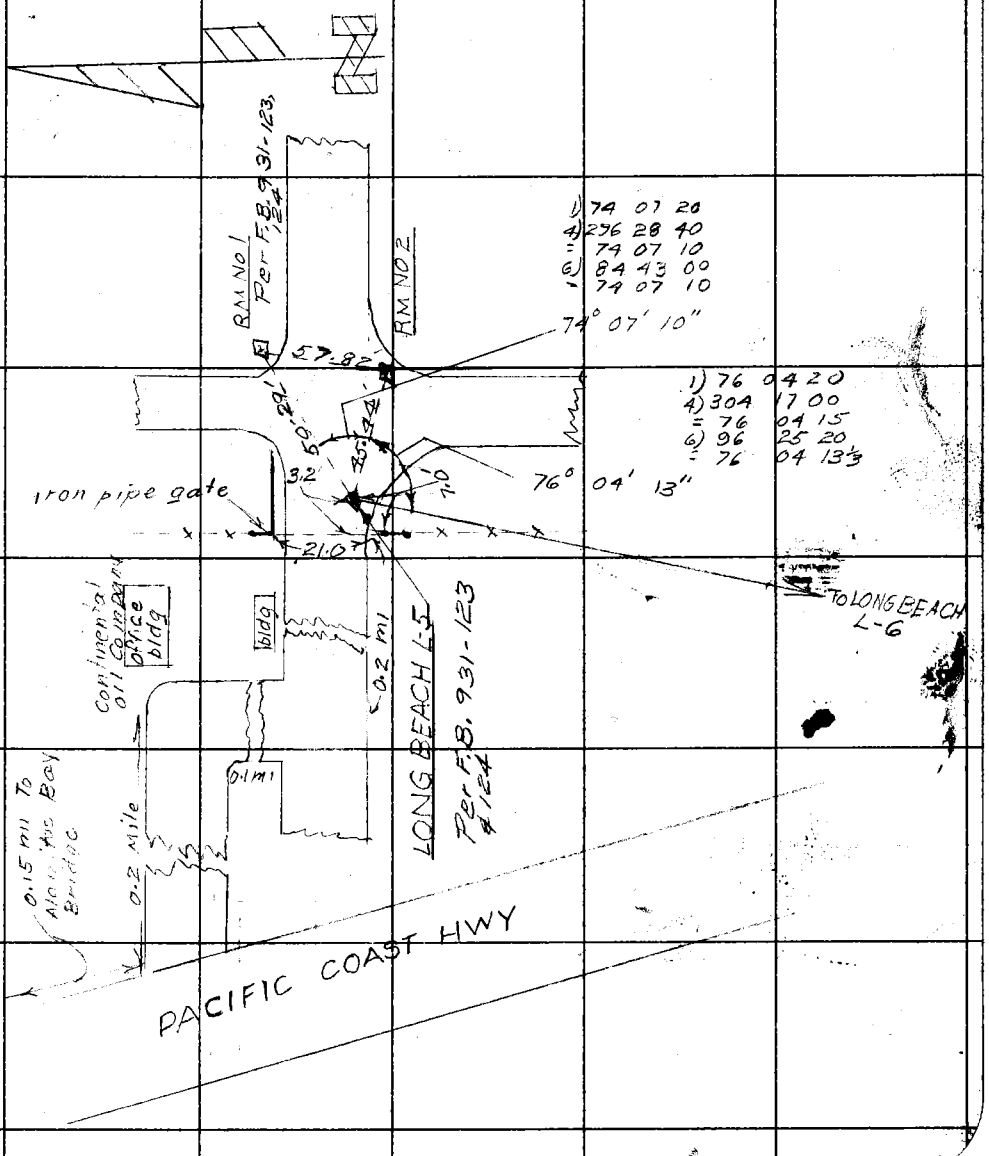
Notes Ck'd by	Survey of GEODETIC CONTROL	F. B. [illegible] PG. 55
Map No.	W. O. 4900 Tape No. 116 St'd. 84 °F	old sta.
Office Work	Surveyed by J. H. Brown	New Data put on
Checked	Notes J. H. Brown Date 8-13-53	old sta. in File
Date	Indexed A. C. Johnson	

L.A COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

LONG BEACH L-5

50.28 @68° = 50.27
57.83 @68° = 57.82
45.41 @68° = 45.40



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

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F. B. 937 Pg. 56

~ DESCRIPTIONS ~

TRAVERSE STATION

LONG BEACH L-5

This station is north of Seal Beach and west of the San Gabriel River on the property of the Continental Oil Co.

To reach from the Pacific Coast Hwy bridge over Alamitos Bay go south 0.15 mi.; turn left (east) on oiled dirt road; go 0.2 mi to office of Continental Oil Co. Turn right (South) 0.2 mi. 0.1 mile to cross road; turn left (east) to iron pipe gate and station site.

Station Mark: A standard traverse cap stamped "LONG BEACH L-5 R.E. 2177 COUNTY SURVEYOR 1942". Set in concrete 30" below grade of road bed

No Sub-Surface Mark:

Reference Mark No. 1: Standard reference mark stamped "LONG BEACH L-5 RM NO1" 32" below ground surface.

Reference Mark No 2: cut spike & washer in concrete 26" below road grade

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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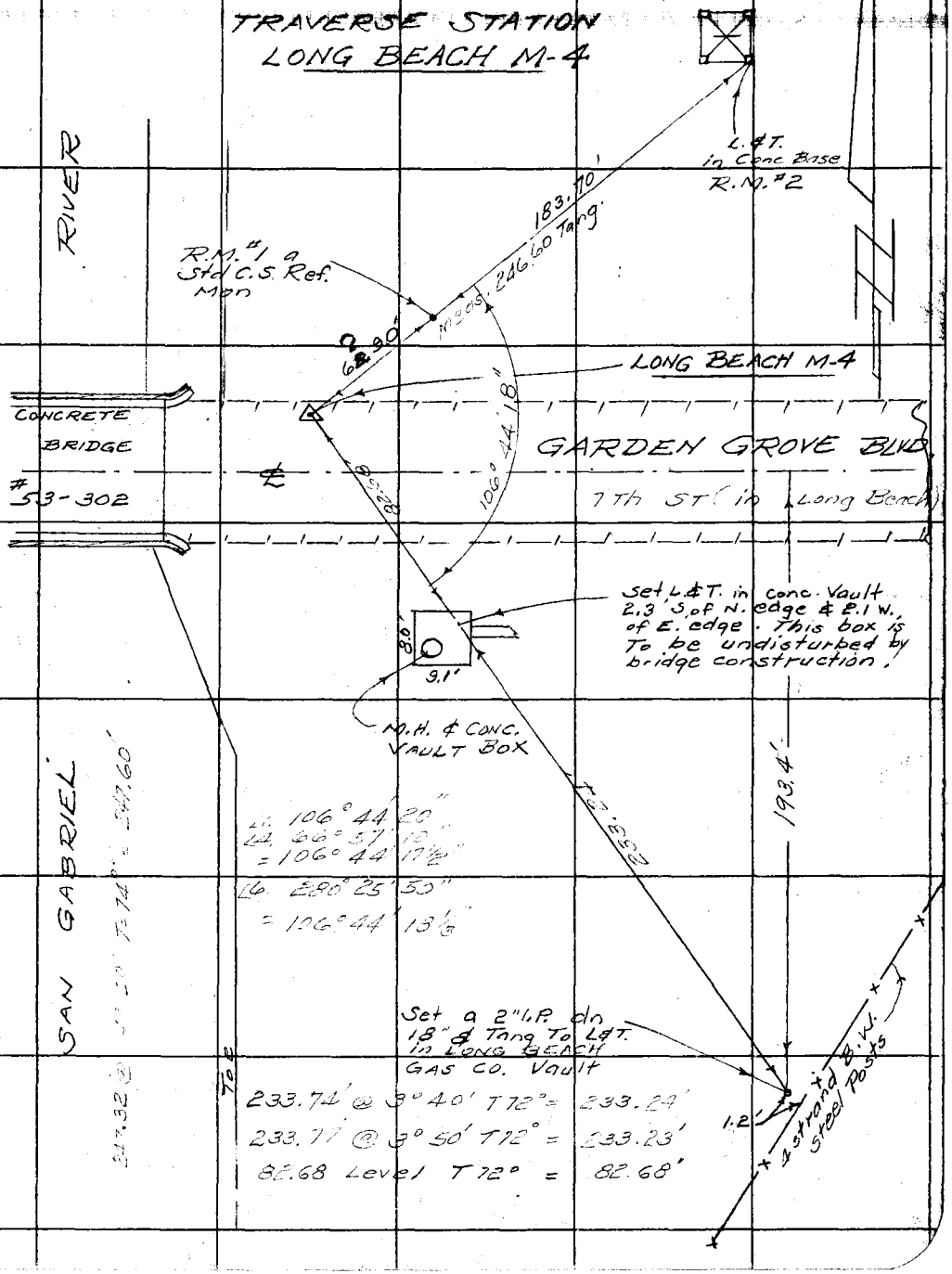
Notes Ck'd by	Survey of GEODETIC CONTROL	F.B. [illegible] PG. [illegible]
Map No.	W. O. 4900 Tape No. 116 St'd. 84 °F	Old Station
Office Work	Surveyed by H.R. Stock	New Date put on
Checked	Notes Stock Date 7-21-53	old Card, in file
Date	Indexed A. C. Johnson	

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION
LONG BEACH M-4



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F. B. 932 PG. 58

THIS STATION TO BE RESET
AFTER BRIDGE CONSTRUCTION.

LONG BEACH M-4
DESCRIPTIONS Per FB 931-119 & 120
are adequate for Present.

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

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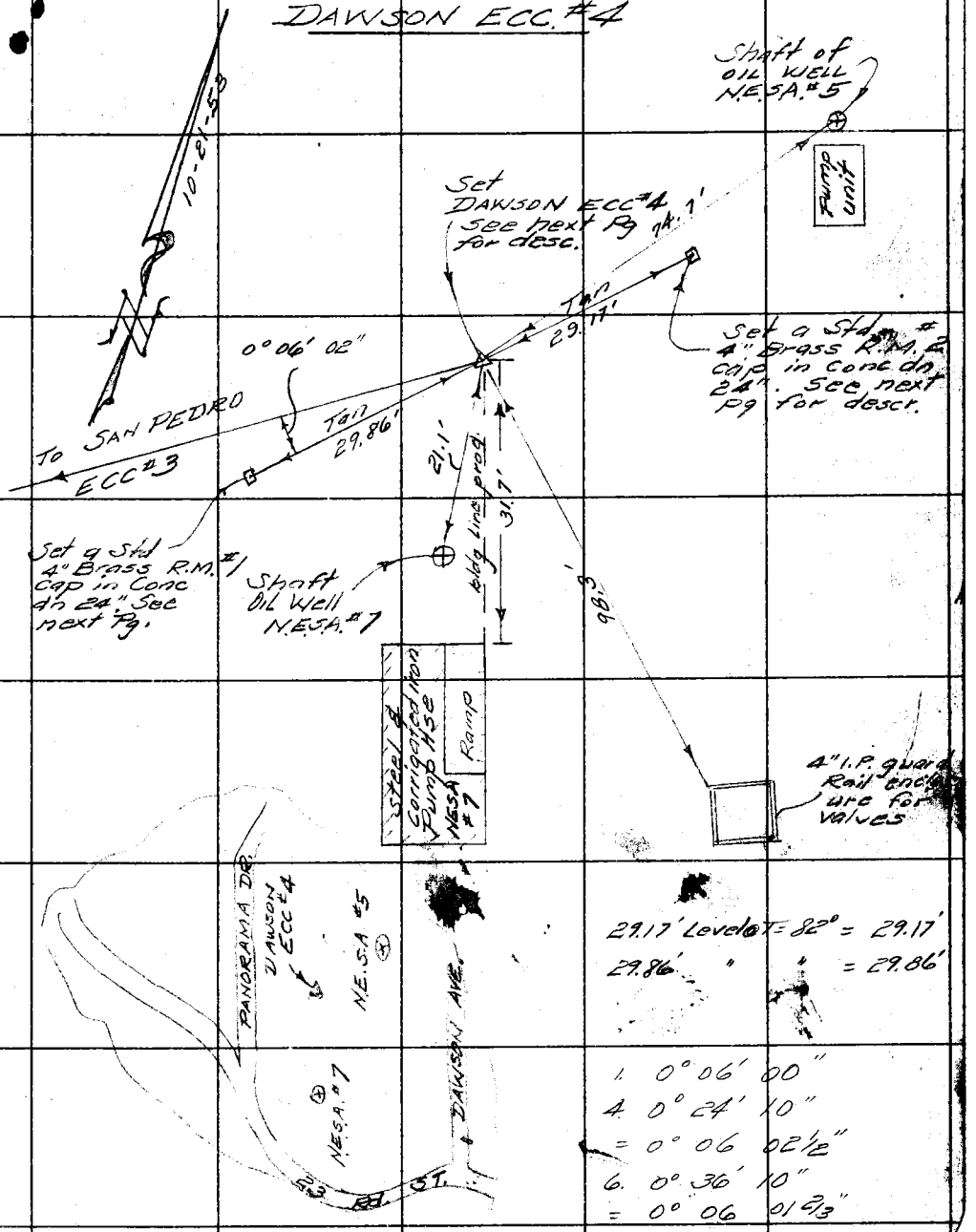
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No. 490	W. O. Tape No. 116 St'd. 84 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes STOCK Date 10-21-53
Date	Indexed C. Johnson 6-3-54

F. B. 937 Pg. 59

L.A. CO. SURVEY CONTROL SYSTEM

TRIANGULATION STATION DAWSON ECC. #4



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76FS09S 247 2-51

F. B. 937 PG. 60

DAWSON ECCENTERIC #4

DESCRIPTIONS

This Station is in Los Angeles County in the City of Signal Hill, in the Shell Oil Company's oil Lease, between Dawson Ave. & Panorama Dr., 150'± northeast 23rd St., 31.7' north of the north east corner of the corrigated iron pump house for Shell Oil Co's (N.S.E.A. #7) Well and on the most Easterly line of the same pump house proded north, in a well protected by a Conc. pad & Cast iron Cover Lettered "County Surveyor Monument"

Station Mark: Set a [redacted] inch Brass Tablet in conc down 12 inches below the Surface & Stamped "L. A. Co. Surv. Cont. Sys. Sta. Dawson Ecc. #4, 1953, Set by County Surveyor R.E. 63"

Sub Surface Mark: Set 10" long 6" dia Conc Cylinder with lead & tack center down 60" below Surf.

Reference Mark No 1: Set a 4 inch brass Tablet in conc down 24 inches below Surface and Stamped "L. A. Co. Surv. Cont. Sys. Ref. Mark Dawson Ecc #4, R.M. No 1, 1953, Set by County Surveyor, R.E. 63"

Reference Mark No 2: Set a 4 inch brass Tablet in conc down 24 inches below Surface and Stamped "L. A. Co. Surv. Cont. Sys. Ref. Mark Dawson Ecc #4, R.M. No 2, 1953, Set by County Surveyor R.E. 63"

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

Do not extend notes this side of this line.

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

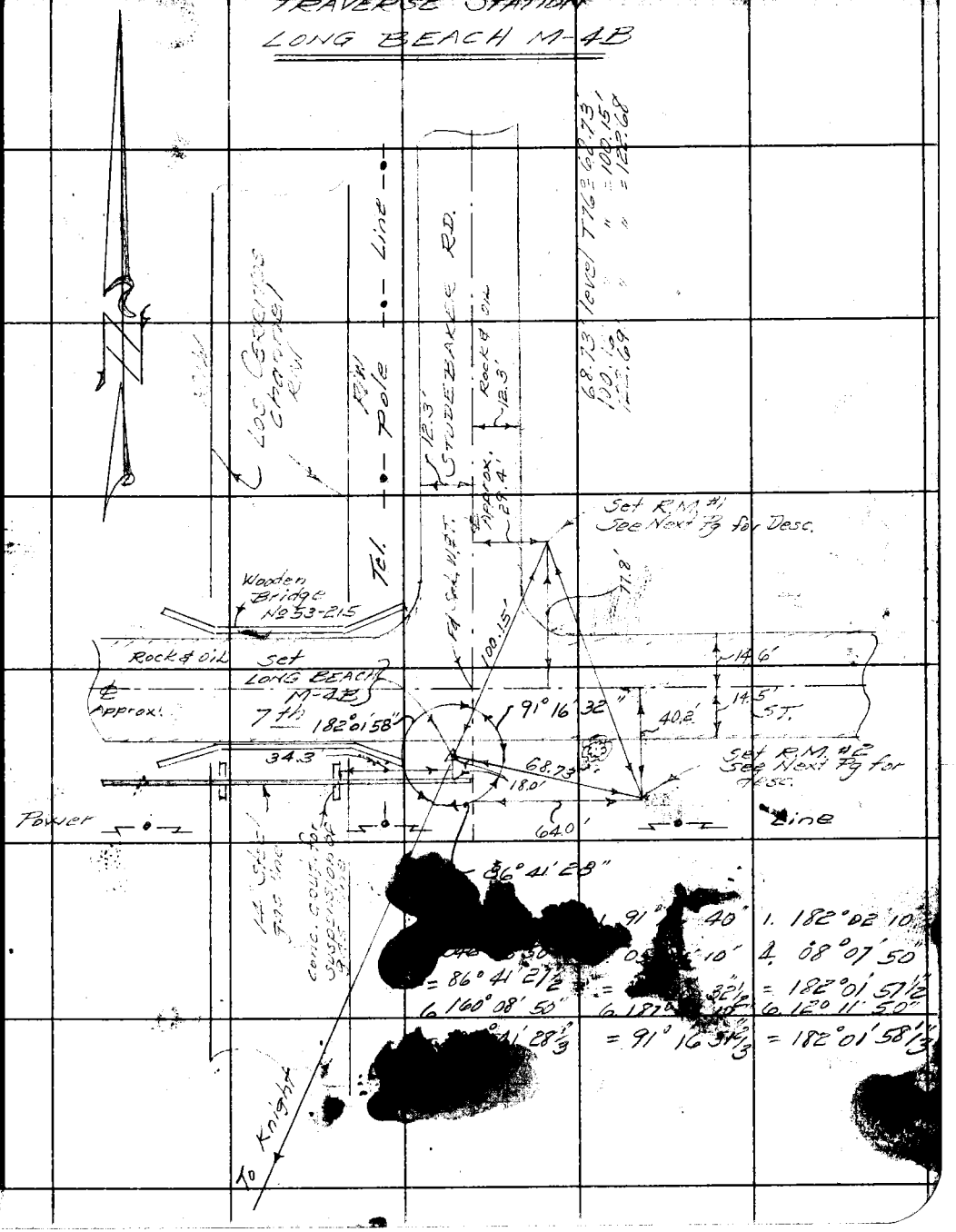
Notes Ck'd by	Survey of Geodetic Control
Map No.	W. O. 4900 Tape No. 116 St'd. 84 °F
Office Work	Surveyed by H. R. Stock
Checked	Notes H. R. S. Date 11-10-53
Date	Indexed A. C. Johnson 8-10-54

F. B. [illegible] PG. 61

L. A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

LONG BEACH M-4B



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Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. 939 PG. 62

LONG BEACH M4B

~ DESCRIPTIONS ~

This station is in the South east Portion of Los Angeles County, in the intersection of STUDEBAKER RD and 7th Street. 1 South of the Approx ℄ of 7th street & 1 W. of the Approx ℄ prod of Studebaker Rd. in a well and protected by a conc. pad and cast iron cover lettered "County Surveyor Monument."

Station Mark: Set a standard 4 inch brass Tablet in conc. down 13 inches below grade of existing pavement edge and lettered "L.A. County Survey Control System, Traverse Station, LONG BEACH M4B, 1953, Set by County Surveyor R.E. 63."

Sub Surface Mark: Set a conc cylinder 18 inches long & 6 inches in diameter with a lead bar & copper tack center, down 60 inches below surface and separated from surface mon by a 11 inch cushion of sand.

Reference Mark No 1: Set a standard 4 inch brass Tablet in conc. down 28 inches below field grade and stamped "L.A. County Survey Control System, Reference Mark, LONG BEACH M4B, R.M. No 1, 1953, Set by County Surveyor R.E. 63."

Reference Mark No 2: Set a 2" I.P. in conc. down 24 inches below field grade and with a conc. core with a lead bar and copper tack center.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of Geodetic Control
Map No.	W. O. 4900 Tape No. 116 St'd. 84 °F
Office Work	Surveyed by H. R. Stock
Checked	Notes W. D. Bay Date 11-5-53
Date	Indexed A. C. Johnson

F. B. 939 Pg. 63

SEE PG. 169, 170 FOR LATER SURVEY 11-76 Engr.

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION LONG BEACH M 1

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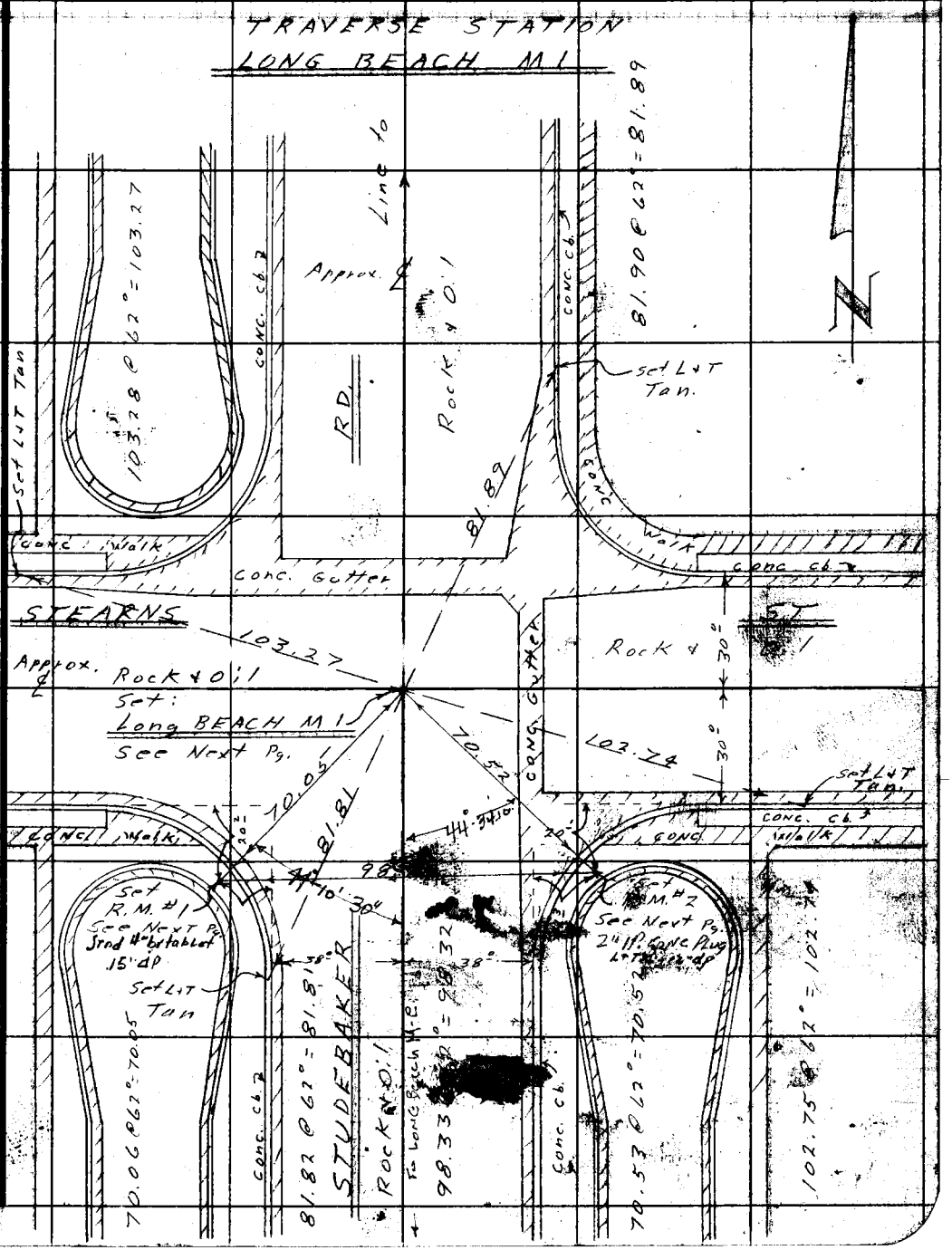
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S 247 2-51



F.B. 939 PG. 67

LONG BEACH M 1

— DESCRIPTIONS —

This Station is in the South East Portion of Los Angeles County, At the intersection of Studebaker Rd & Stearns Street, in a well and Protected by a Conc. Pad and cast iron cover, Lettered County Surveyor Monument."

Station Mark: Set a Standard 4 inch Brass tablet in Conc. Down 13 inches below Grade of Existing Pavement Surface. And stamped "L.A. County Survey Control System, Traverse station, Long Beach M-1, 1953, Set By County Surveyor

R.E. 1.3

Reference Mark No 1

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 4900 Tape No. 153 St'd. 84 °F
Office Work	Surveyed by H. R. Stock
Checked	Notes W. D. B. Date 11-10-53
Date	Indexed A. C. Johnson

F. B. 739 Pg. 4

300 ft tape

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE

LONG BEACH M-2

NOTE: Fd. L & T's & X cut on S.S.M.H. Rim per W.D.B. F.B. 1822-64

1-27-56

300' Tape #95

All dist. level @ T = 60°

104.23 = 104.21

71.51 = 71.50

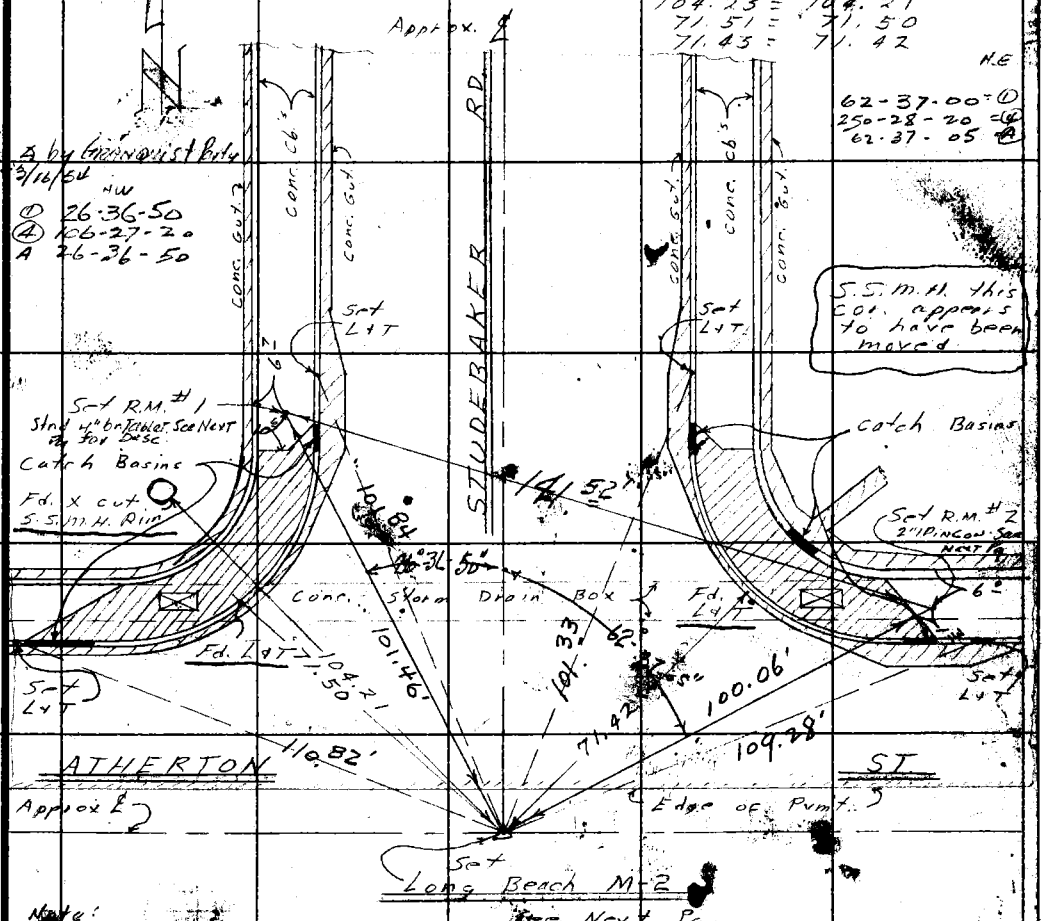
71.43 = 71.42

N.E.

62-37-00 = ①

250-28-20 = ④

62-37-05 = Ⓐ



Note: Long Beach M-2 is Replacement of 2½" I.P. dn 2'. H.R.S. 1-20-56

Per F.B. 1822-64

F.B. 902-38

F.B. 959-86

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F. B. 937 PG. 66

LONG BEACH M-2

— DESCRIPTIONS —

This station is in the southeast portion of Los Angeles County in the intersection of Studebaker Rd. & Atherton MONUMENT IS A REPLACEMENT of the ℄ Intersection

Station Mark: Set a Standard 4" inch Brass Tablet in Conc. Down 13 inches Below Top of Existing Street Grade and Lettered "L.A. County Surveyor Control System Traverse Station, Long Beach M-2, 1953, Set By County Surveyor R.E. 63

REFERENCE Mark No 1: Set a Standard 4 inch Brass Tablet in Conc. Down 12" inches Below Top Curb and stamped "L.A. County Survey Control System, Reference Mark, Long Beach M-2, R.M. No 1, 1953, Set By County Surveyor R.E. 63

Reference Mark No 2: Set a 2" I.P. in Conc. Down 15 inches Below Top Side Walk and with a Conc. Core and Copper Tack CTR.

Description About By: A. Carrasco 3-17-53

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726 LOS ANGELES COUNTY
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Notes Ck'd by	Survey of Geodetic Control
Map No.	W. O. 4916 Tape No. 116 St'd. 68 °F
Office Work	Surveyed by H. R. Stock
Checked	Notes Stock Date 11-10-53
Date	Indexed C. Johnson

F. B. 2nd Pg. 67

Note: This R.M. No. 1 been destroyed by Const. HERRMANN St. 9/12/54

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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

L.A. County Survey Control System

TRAVERSE STATION

LONG BEACH M-3

Set R.M. No 1 See Next Pg for desc.

Fd Spk W.&T.

Fd 2" I.P. Plug & Tack in 24" No Rec

Wooden Bridge #B 855

Fd 3/4" I.P. conc. PLS 1749 FC Tag Gr. 3.6'

Set LONG BEACH M-3 on Line Fnd Nothing

Fd 8d Flush

To Spk W.&T. @ PALO VERDE AVE. 140.01' ± Approx.

ANAHEIM AVE. R.&O.

Fd Precast conc. mon. C Spk w/ Punch Mark on 24" used this mark as R.M. #3

Fd C.S. mon. in conc. o/o 24" Brass Cap

R.M. No. 4 3½" Galv. Pipe 20" dp. conc. Plug + Cap Clr. Pt. Per F.B. 1138 Pg. 106 set by HERRMANN 3/14/54

Set Nail & Tag in Top of Pole

Set R.M. No 2 See Next Pg for desc.

LONG BEACH BLVD. Approx. R.&O.

Los Cerritos Ave. F.G. E/W

11.	54°49'00"	1.	45°03'30"
14	219 15 30½	4	180°14'20"
	= 54 48 52½		= 45°03'35"
6.	328°53'10"	6.	270°21'10"
	= 54°48'51⅔"		= 45°03'31⅔"
1.	135°36'30"	1.	169°34'20"
4	182°26'00"	4	318°18'50"
	= 135°36'30"		= 169°34'42½"
6	93°39'00"	6	297°28'10"
	= 135°36'30"		= 169°34'41⅔"

76F309S 247 2-51

F.B. 939 PG. 68

LONG BEACH M-3

— DESCRIPTIONS —

This station is in Los Angeles County in the intersection of ANAHEIM AVE. & STUDEBAKER RD., 13' East of the center Line intersection on the prod of Anaheim Ave. from the west, in a well and protected by a cast iron cover and concrete pad.

Station Mark: Set a standard 4 inch brass Tablet in conc. down 12 inches below existing pavement grade and lettered "L.A. County Survey Control System, Traverse Station Long Beach M-3, 1953, Set by County Surveyor R.E. 63".

Sub Surface Mark: Set a 18" conc Cylinder 6" in diameter with a lead bar and copper tack center down 60" below pavement grade and separated from the Surface Monument by a 12" cushion of Sand.

Reference Mark No 1: Set a standard 4 inch brass Tablet in conc. down 24 inches below field grade and lettered "L.A. County Survey Control System, Reference Mark, Long Beach M-3, R.M. No 1, Set by County Surveyor R.E. 63, 1953".

Reference Mark No 2: Set a 2" I.P. in Conc with a conc Core and lead bar with copper tack center down 20 inches below field Surface.

Reference Mark No 3: Fd a standard precast conc mon with a C.Spk. W. center down 24 inches below Surface.

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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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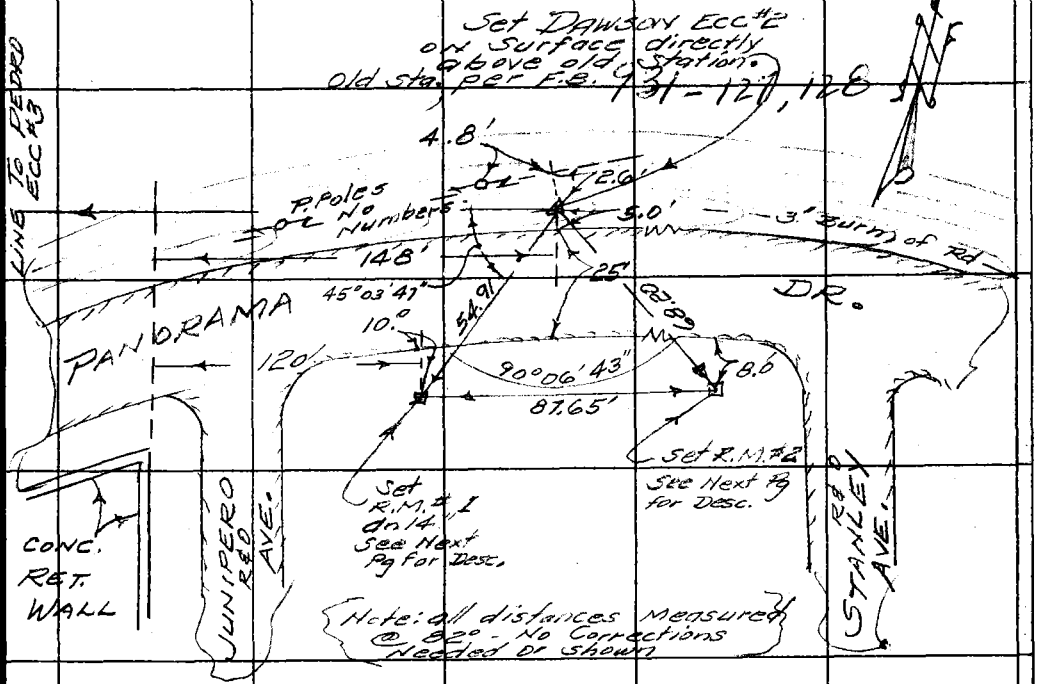
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 4900 Tape No. 116 St'd. 84 °F
Office Work	Surveyed by H.R. STOCK
Checked	Notes STOCK Date 10-22-53
Date	Indexed C. Johnson 6-3-54

F. B. 937 PG. 69

L.A. CO. SURVEY CONT. SYS.

TRIANGULATION

STA. DAWSON ECC. #2



Note: all distances Measured @ 82° - No Corrections Needed or shown

1. 90°06'40"	1. 45°03'50"
4. 360°27'00"	4. 180°15'10"
= 90°06'45"	= 45°03'47½"
6. 180°40'20"	6. 270°22'40"
= 90°06'43⅓"	45°03'46⅔"

Note: For Precise angle & distance Ties between this Ecc. & center Station. It will be neccessary to see F.B.G-#608 & F.B.-T #

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F. B. 939 Pg. 70

DAWSON ECCENTRIC No 2

DESCRIPTIONS

This station is in the County of Los Angeles, in the city of Signal hill on the north side of Panorama Dr. between Juniper Ave. on the west & Stanley Ave. on the east. Station is on the top of a 3' high burm 5' north of the North edge of pavement (Panorama Dr.) and is 148' East measured @ right angles of the northerly prolongation of the easterly face of the conc. Retaining wall @ the S.W. corner of Juniper Ave & Panorama Dr. The station is protected by a permanent wooden Light & instrument Stand.

Station Mark: Set a standard 4 inch Brass Tablet in conc. directly over old station & Lettered "L.A.Co. Surv. Cont. Sys. Tri. Sta. Dawson Ecc #2 1953, Set by County Sur. R.E. 63". MARK is 6 inches above flush.

Sub Surface Mark: used old station a stand 2½" brass cap Lettered "County Surveyor Monument, R.E. 21?" with center punched Center. Monument is a precast conc. cylinder down 36" below surface of burm.

Reference Mark No 1: Set a std 4 inch brass tablet in conc. & down 24 inches below Surface. Tablet is Lettered "L.A. County Sur. Cont. Sys., Reference Mark, Dawson Ecc #2 R.M. #1, 1953, Set by County Sur. R.E. 63".

Reference Mark No 2: Same as No 1 except its Lettered R.M. #2.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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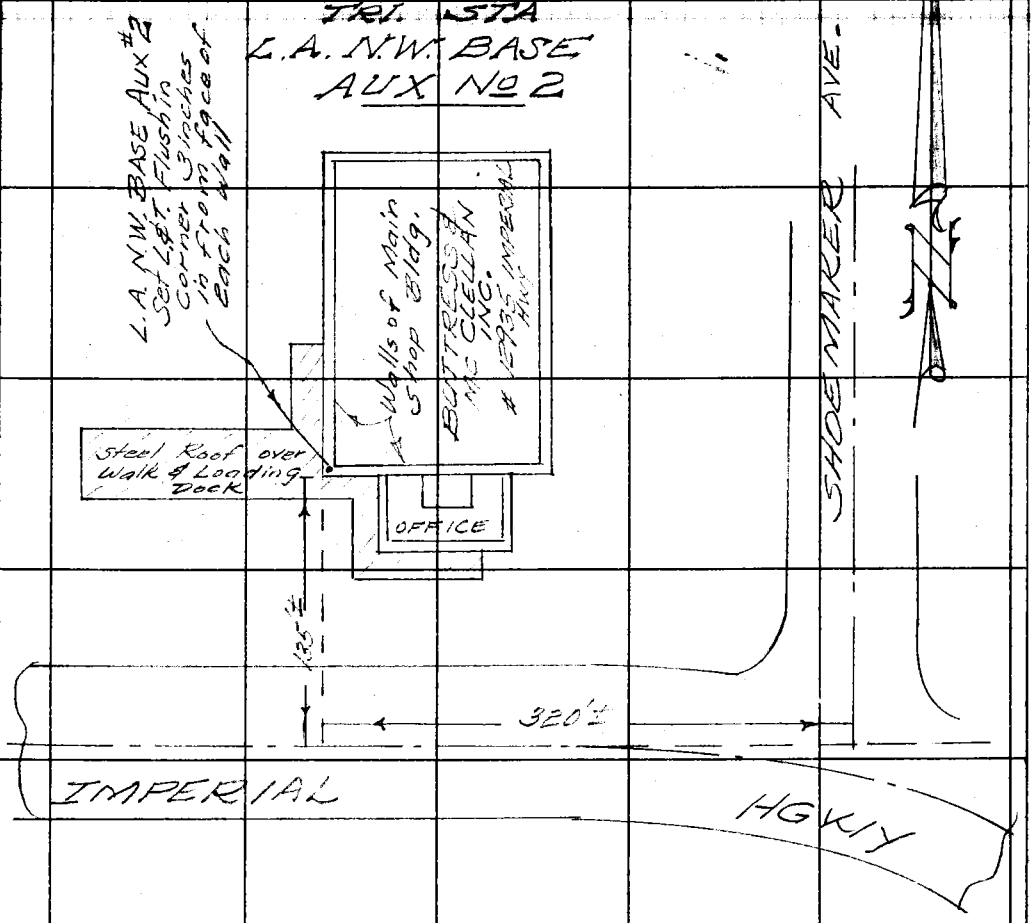
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 4900 Tape No. 116 St'd. 84 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes H. R. S. Date 1-12-54
Date	Indexed L. C. Johnson 6-3-54

F. B. 737 PG. 71

L.A. CO. SURVEY CONT. SYS.
TRI. STA
L.A. N.W. BASE
AUX No 2



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F. B. 939 PG. 72

L. A. N. W. BASE AUX #2
DESCRIPTIONS

This Station is in Los Angeles Co. in the Norwalk, Santa Fe Springs Area, North West of the Intersection of the IMPERIAL HGWY & SHOEMAKER AVE. on the Top of the 11" BUTTRESS & McCLELLAN INCS. - Concrete Bldg @ the S.W. Corner of the main Shop Bldg in the Top of the Concrete walls.

STATION Mark: Set a L & T. Flush in conc. wall. Top.

Sub. Surface Mark: None.

RETURN TO
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725 LOS ANGELES COUNTY
ENGINEERING BLDG.

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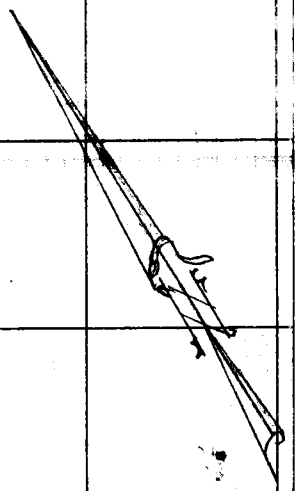
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 116 St'd. 84 °F
Office Work	Surveyed by H.R. Stock
Checked	Notes STOCK Date 4-1-54
Date	Indexed A. C. Johnson 4-2-54

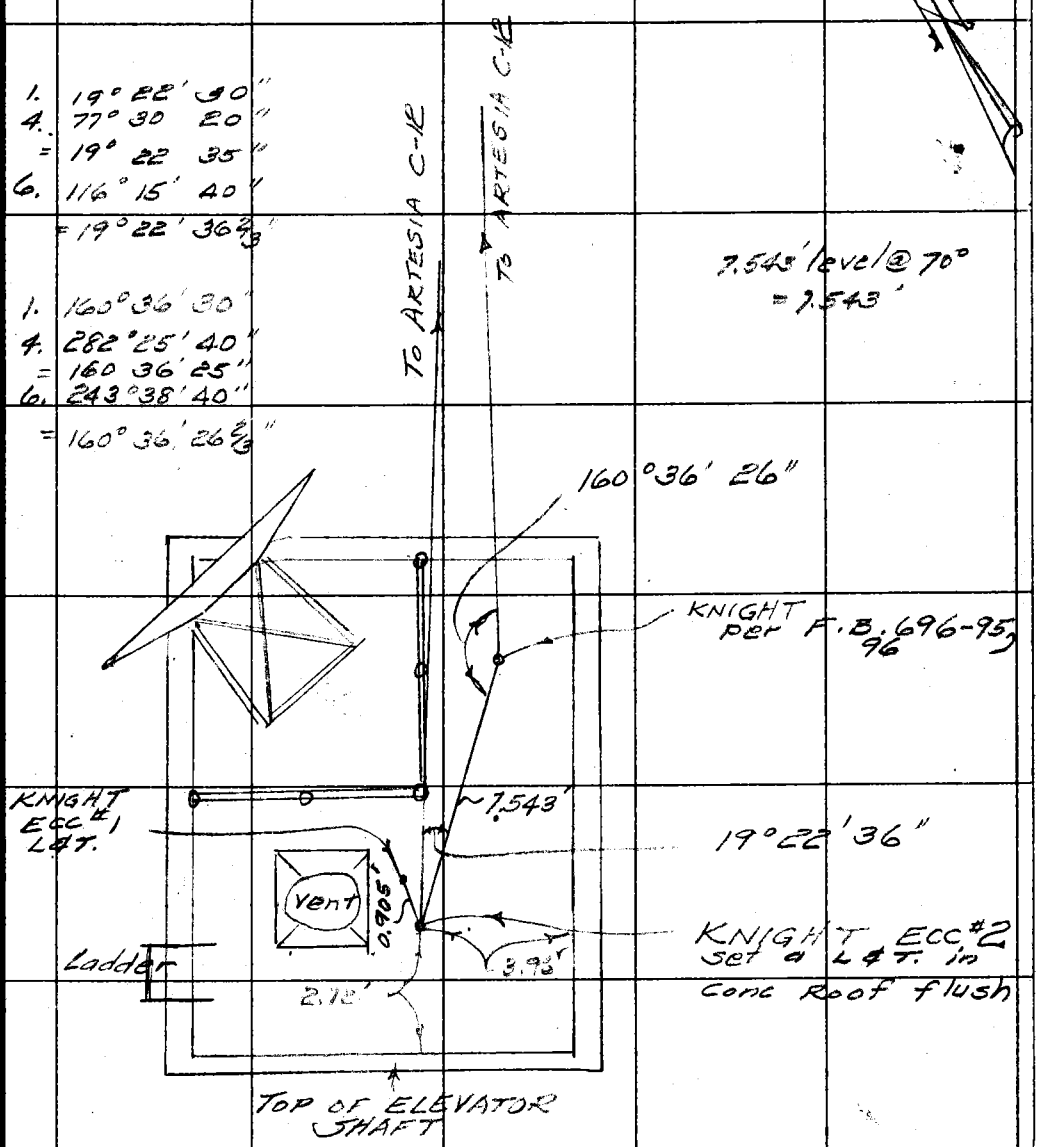
F. B. 939 PG. 73

L. A. CO. SURVEY CONT. SYS.
TRIANGULATION
STATION KNIGHT ECC #2
(LONG BEACH K-7)



1. 19° 22' 30"
4. 77° 30 20"
= 19° 22 35"
6. 116° 15' 40"
= 19° 22' 36 2/3"

1. 160° 36' 30"
4. 282° 25' 40"
= 160 36' 25"
6. 243° 38' 40"
= 160° 36' 26 2/3"



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3008

RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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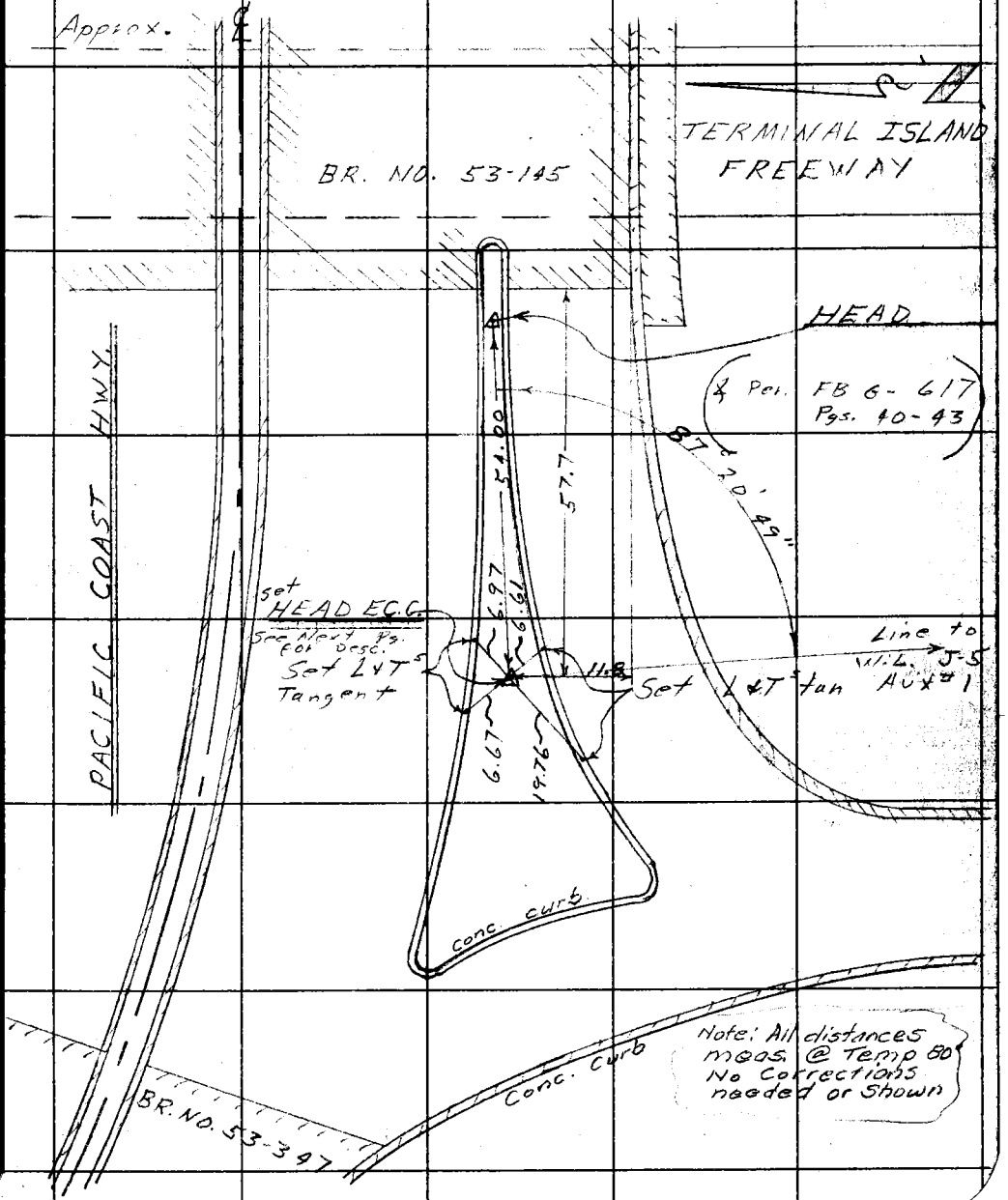
F.B. 939 PG. 74

Notes Ck'd by	Survey of Geodetic CONTROL
Map No.	W. O. 0301.00 Tape No. 0116 St'd. 84 °F
Office Work	Surveyed by H.R. STUCK
Checked	Notes [illegible] BAY Date 8-5-[illegible]
Date	Indexed A. C. Johnson

F. B. 937 PG. 75

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
HEAD ECC. #1



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F. B. 939 PG. 76

HEAD ECCENTRIC

— DESCRIPTIONS —

This station is in Los Angeles County in the city of Long Beach on PACIFIC COAST HWY, 57.7' W. of the W end of bridge # 53-145 over the TERMINAL ISLAND FREE-WAY and 11.8' N of the S. Cb. of the bridge Produced to the West, in a Traffic island.

STATION MARK: Set a 3/4" I.P., Wood plug & brass tack 8" below cb. grade.

SUB-REFERENCE MARK: NONE

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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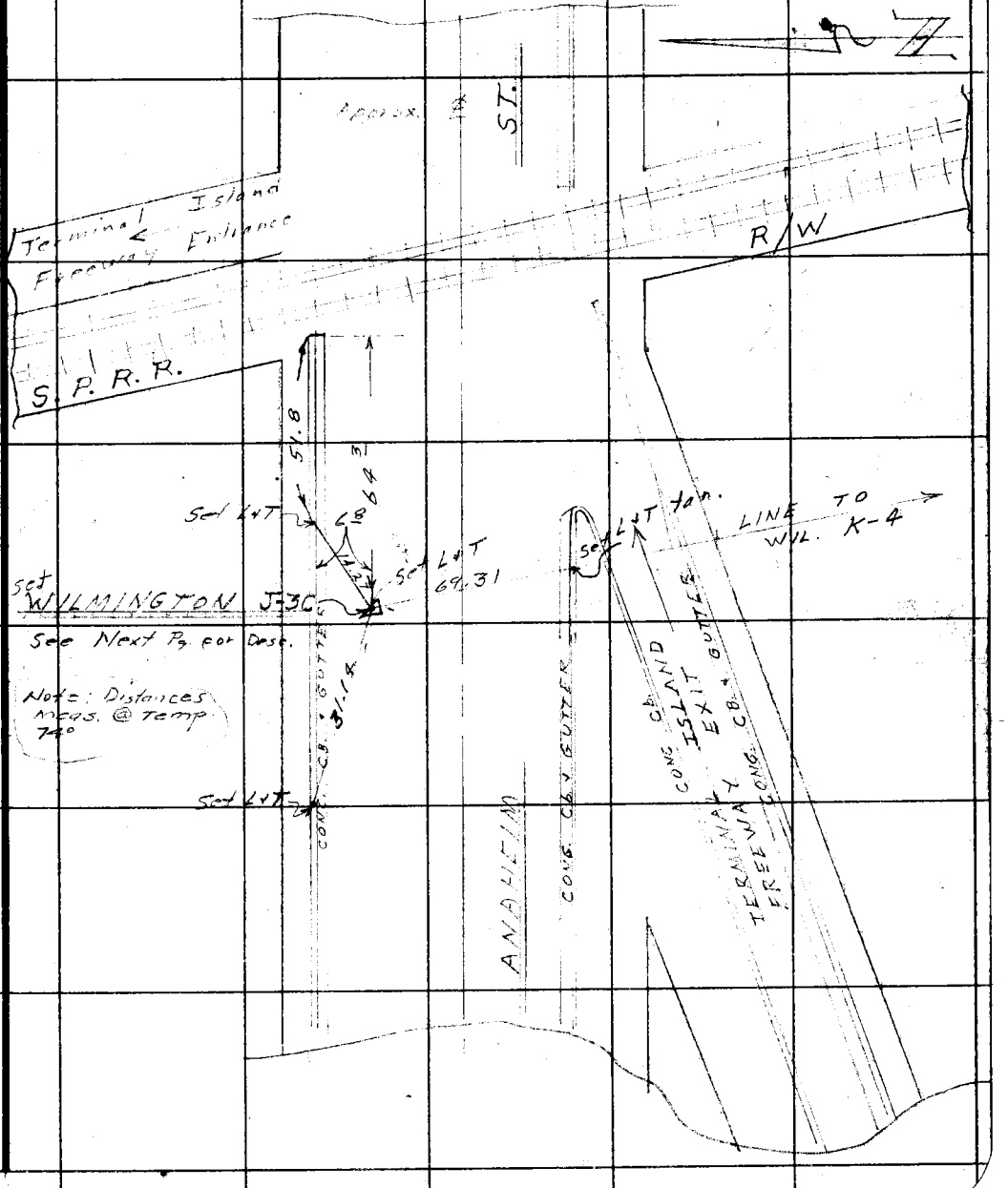
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 0116 St'd. 84 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes W. D. BAY Date 8-3-54
Date	Indexed E. C. Johnson

F. B. 939 PG. 71

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
WILMINGTON J-3C



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LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. 939 PG. 18

WILMINGTON J-3C

— DESCRIPTIONS —

This station is in Los Angeles County in the city of Long Beach, on ANAHEIM ST. near the S.P.R.R. R/W, 1/4 mile ± W of Santa Fe Ave. It is 6.8 S of the N cb. of Anaheim St. + 64.3' W of the E. end of N.Cb. where it meets the R.R.

STATION MARK: Set a Lead & Tack in conc pav. 3" below road surface.

SUB-REFERENCE MARK: NONE

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

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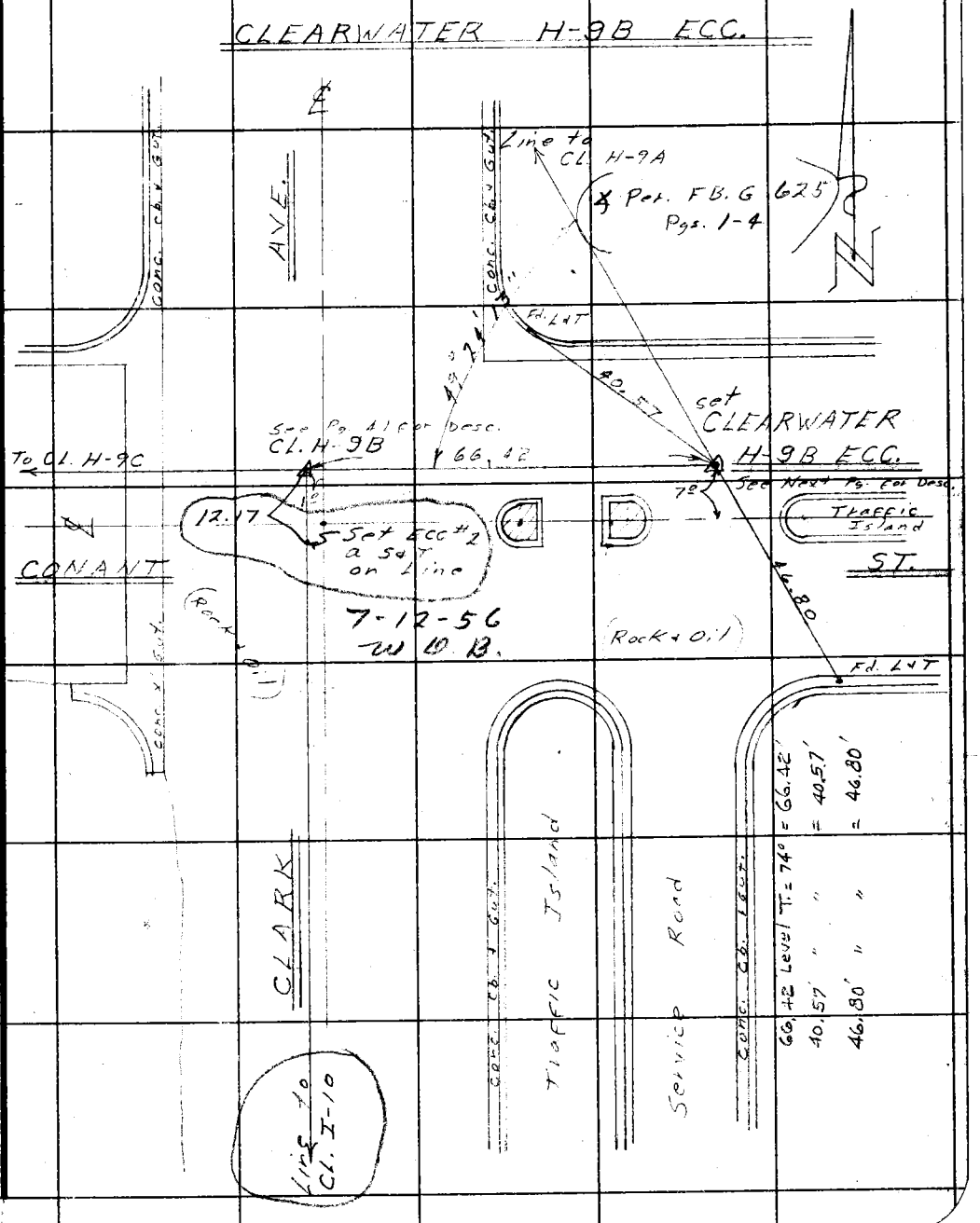
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 116 St'd. 84° °F
Office Work	Surveyed by H.R. STOCK
Checked	Notes W.D. BAY Date 8-5-54
Date	Indexed A. C. Johnson

F. B. 939 PG. 75

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

CLEARWATER H-9B ECC.



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F. B. 939 PG. 80

CLEARWATER H-9 B ECC.

— DESCRIPTIONS —

This station is in Los Angeles County, Long Beach Area, in the Intersection of CLARK AVE. & CONANT ST., 7° N of the ℄ of CONANT ST. & 65.4' E of the ℄ of CLARK AVE.

STATION MARK: Set a lead & Tack flush in pavement.

SUB-SURFACE MARK: NONE

RETURN TO
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725 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

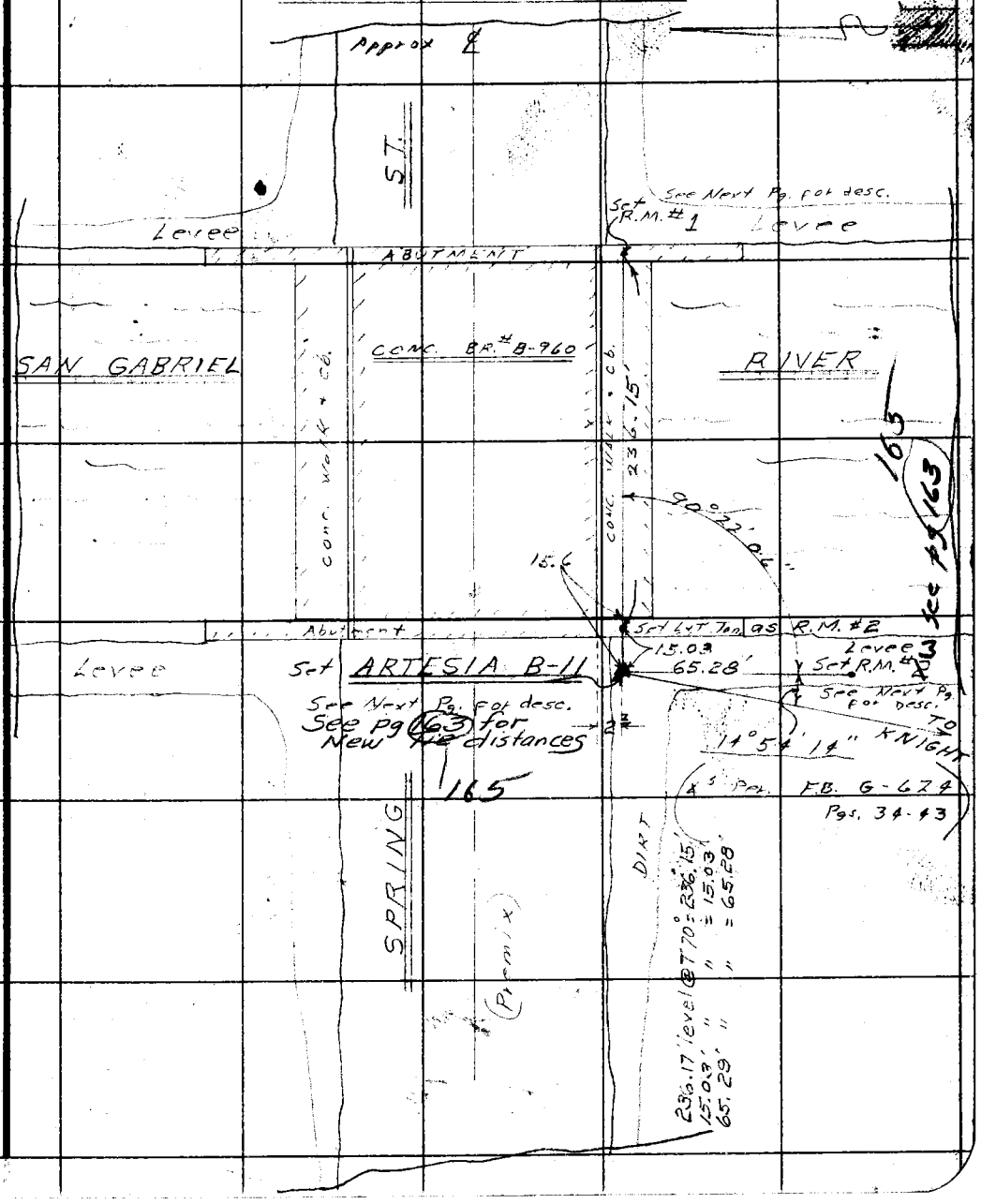
Notes Ck'd by	Survey of GLODLINE CONTROL
Map No.	W. O. 0301.00 Tape No. 116 St'd. 84 °F
Office Work	Surveyed by
Checked	Notes W.D. BAY Date 8-3-'[illegible]
Date	Indexed A. C. Johnson

F. B. 939 PG. 81

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

ARTESIA B-11



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F.B. 737 PG. 82

ARTESIA B-11

—DESCRIPTIONS—

This Station is in the COUNTY of LOS ANGELES, LONG BEACH AREA, on SPRING ST. at the W. side of the SAN GABRIEL RIVER, 15.6' W. of the W. end of the bridge, 42.2' S. of the S. cb. of the bridge, in a well & protected by a cast iron cover marked "COUNTY SURVEYOR MONUMENT"

STATION MARK: Set a standard 4" brass cap triangulation mark in concrete 2" below road surface & stamped "L.A. COUNTY SURVEY CONTROL SYSTEM, TRIANGULATION STATION ARTESIA B-11, R.E. 63, 1954, Set by L.A. COUNTY SURVEYOR."

SUB-SURFACE MARK: SET A 2" Iron Pipe, CONC. PLUG, Copper Tack in lead Center, in Conc. DOWN 3' below road surface

REFERENCE MARK #1: Set a std. 4" Brass cap flush in conc. bridge abutment, E. end of bridge, marked "L.A. County Survey Control System, Reference mark, Artesia B-11, Set by L.A. County Surveyor, R.E. 63, 1954

REFERENCE MARK #2: Set L&T in WLY Bridge Abutment.

REFERENCE MARK #3: Set a std 4" Brass cap in conc. down 18" Below Level surface & marked "L.A. County Survey Control System, Reference mark, ARTESIA B-11, Set by L.A. COUNTY SURVEYOR, RE 63, 1954."

R.M. No 3

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

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W.O. 2301.40 Tape No. 116 St'd 94 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes H. R. S. Date 8-2-54
Date	Indexed A. C. Johnson

F. B. 937 Pg. 89

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
DOMINGUEZ #2
AUXILIARY #1

Set DOMINGUEZ #2 AUXILIARY #1 See Pg 84 for desc

See page 167 for additional ties

AIR RAID WARNING SIREN TOWER SITE

6' chain Link fence

D.G. Roadway

CITY OF COMPTON WATER STORAGE TANK YARD

Set DOMINGUEZ #2 ECC #1 See Pg 84 for Desc

LINES TO DOMINGUEZ #2 ECC #1 PER F.B. 625 Pg 87 696 pg 31

LINES TO DAWSON ECC #2

Set DOMINGUEZ #2 ECC #2 See Pg 84 for Desc.

1.0 MI TO DEL AMO BLVD.

WILMINGTON AVE.

Concrete Pavement

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76FS09S 247 2-51

F. B. 939 PG. 84

DESCRIPTIONS

DOMINGUEZ #2 AUXILIARY #1

This Triangulation Station is in Los Angeles County in unincorporated territory, just South of the city of Compton, in the city of Comptons water Tank storage yard, on Top of the most easterly Steel Storage Tank. The city of Comptons Yard is located on the east side of WILMINGTON AVE. one mile north of DEL AMO BLVD.

STATION MARK: Set a 1/16" drill hole in a 1/4" Steel Plate, Welded to a 8" well casing extension, from the Center column of a steel storage tank 120' in diameter and Approximately 40' high. The extension is protruding from a Steel Cupola 8' in diameter & 4' high. There is a one foot high Steel adapter assembly bolted to the plate in which the Station mark is drilled.

SUBSURFACE MARK: None.

DOMINGUEZ #2 ECC #5: Set a standard 4inch brass Triangulation Tablet in conc Post 1 foot Square and 8 inches above Surface of the Top of the N.W. Corner of the DOMINGUEZ WATER COMPANYS EARTH FILL RESERVOIR and lettered "L.A. COUNTY SURVEY CONTROL SYSTEM TRIANGULATION STATION, DOMINGUEZ #2 ECC #5, 1953, Set by COUNTY SURVEYOR R.E. 63."

DOMINGUEZ #2 ECC #7: Set a 2" I.P. in concrete down 12" with a copper pin center set in concrete core of I.P.

RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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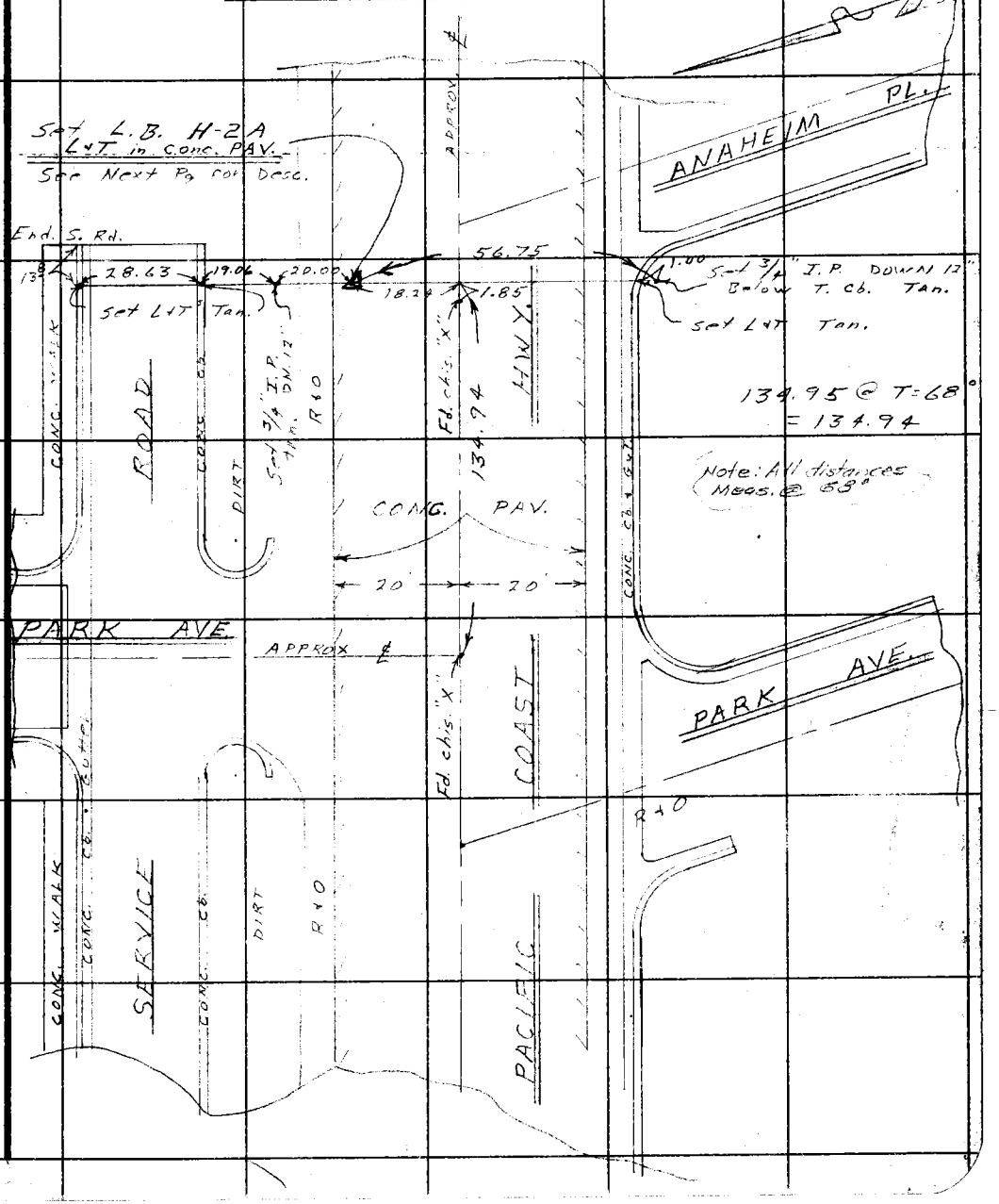
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 0116 St'd. 84 °F
Office Work	Surveyed by H. R. STOCK
Checked	Notes W. D. BAY Date 8-4-54
Date	Indexed A. C. Johnson

F. B. 939 PG. 85

L.A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
LONG BEACH H-2A



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

F. B. 939 PG. 86

LONG BEACH H-2A

—DESCRIPTIONS—

This station is in Los Angeles County, in the city of Long Beach, on Pacific Coast Hwy., 134.94' E. of the approx. ℄ of PARK AVE. to the N. and 18.24' N. of the approx. ℄ of Pacific Coast Hwy.

STATION MARK: Set a Lead + Tack flush in the conc. pavement.

SUB. SURFACE MARK: NONE

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

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

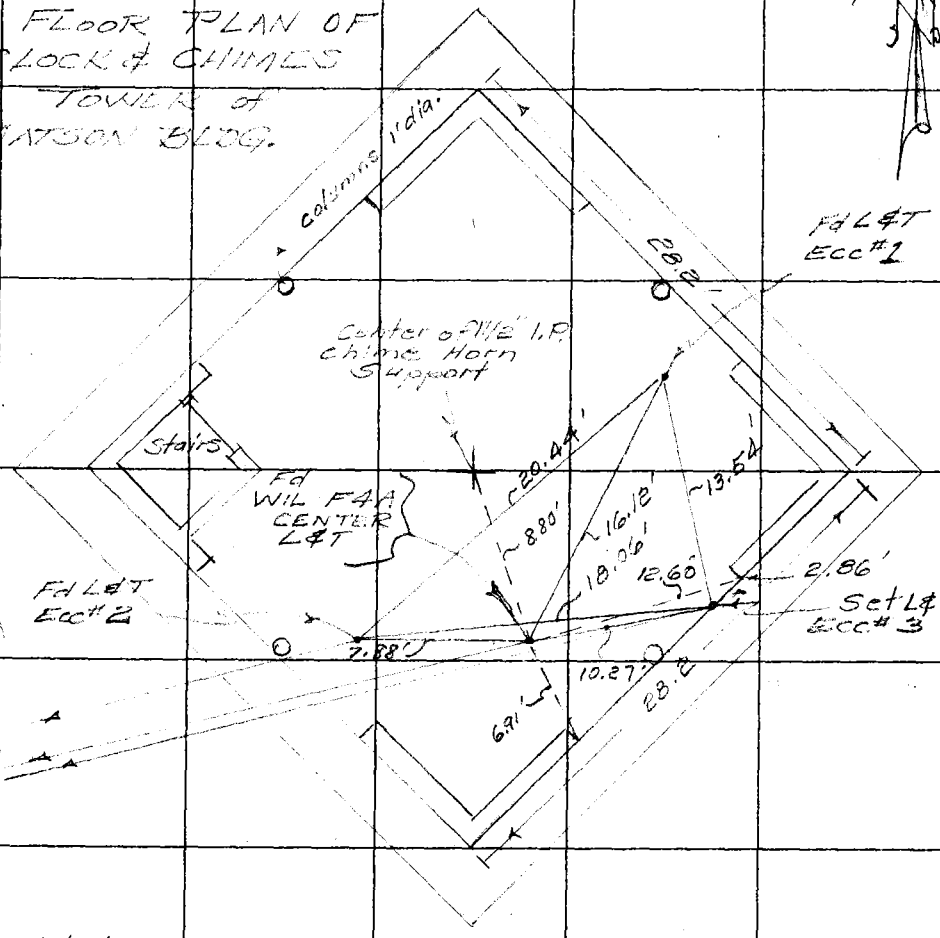
Notes Ck'd by	Survey of
Map No.	W. O. Tape No. St'd. °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed C. Johnson

F. B. Pg.

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
MATSON (WILMINGTON F4A)

ALL distances meas. @ Temp. 58° no Cor. Shown or needed

FLOOR PLAN OF CLOCK & CHIMES TOWER of MATSON BLDG.



Note: For Angles See abstracts or book F.B. G 640 Pg 1-11 inclusive.

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Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F9095 247 4-58

F. B. 939 PG. 88

DESCRIPTION "MATSON"
WILMINGTON F4A

This Station is in Los Angeles County in the harbor area of the city of Los Angeles, mi South of Alameda St., on the Easterly side of , on the floor of the tower @ the Northerly most corner of MATSON Line's BLDG, 6.91' North of the north east corner of Southeasterly arch face and 12.60' Southwesterly of the Southeasterly corner of the southeasterly arch face.

Station Mark: Found A lead & Copper tack set flush with mastic floor cover on the cement (concrete) floor.

SUB SURFACE MARK: None,

REFERENCE MARK: None.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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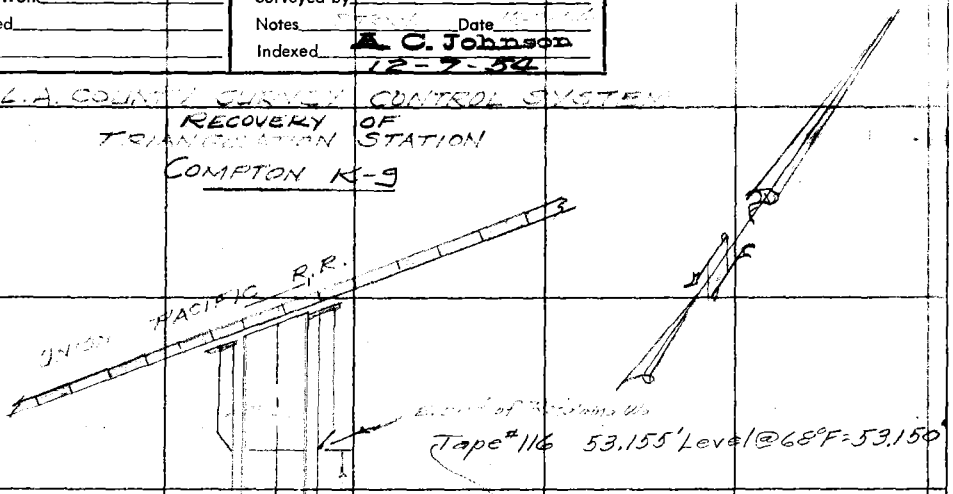
Notes Ck'd by		Survey of	F. B. Pg.
Map No.		W. O. Tape No. St'd. °F	
Office Work		Surveyed by	
Checked		Notes Date	
Date		Indexed C. Johnson 12-7-54	

L.A. COUNTY SURVEY CONTROL SYSTEM

RECOVERY OF TRIANGULATION STATION COMPTON K-9



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 4-53

F. B. 73 Pg. 52

DESCRIPTIONS AT COMPTON K-9

This Station is in Los Angeles County at the northerly edge of the the city of Long Beach, west of the L.A. River, 500± North of 223rd St. on the approx. prod. of Santa Fe Ave., 54.7' meas. @ right angles offset S.E'ly from S.E'ly end of Conc. Curbs and walks of Union Pacific underpass and 144.0' N of ℄ Santa Fe Ave..

Station Mark: Fd Standard L.A. County Survey Control "TRIANGULATION STATION MARK" set in conc. down 2.2' below Surface leaning and bearing scars made by farmers Sub Soiler plow. IMPORTANT — A L&T was reset by Angle & distance in the N.E. quadrant 0.2' from the mark — This L&T is being used as center until such time as new mon- can be set.

Sub Surface Mark: None Set.

REFERENCE MARK No 1: Destroyed. Found on Surface in a horizontal position about 5' from old position.

REFERENCE MARK No 2: Found in good condition.

REFERENCE MARK No 3: Set a 2" I.P. with a conc. core & copper pin center all in Conc. down 20 inches below Surface.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 030100 Tape No. 0117 St'd. 68 °F
Office Work	Surveyed by [illegible]
Checked	Notes W. D. B. Date 7-10-56
Date	Indexed E. C. Johnson 7-13-56

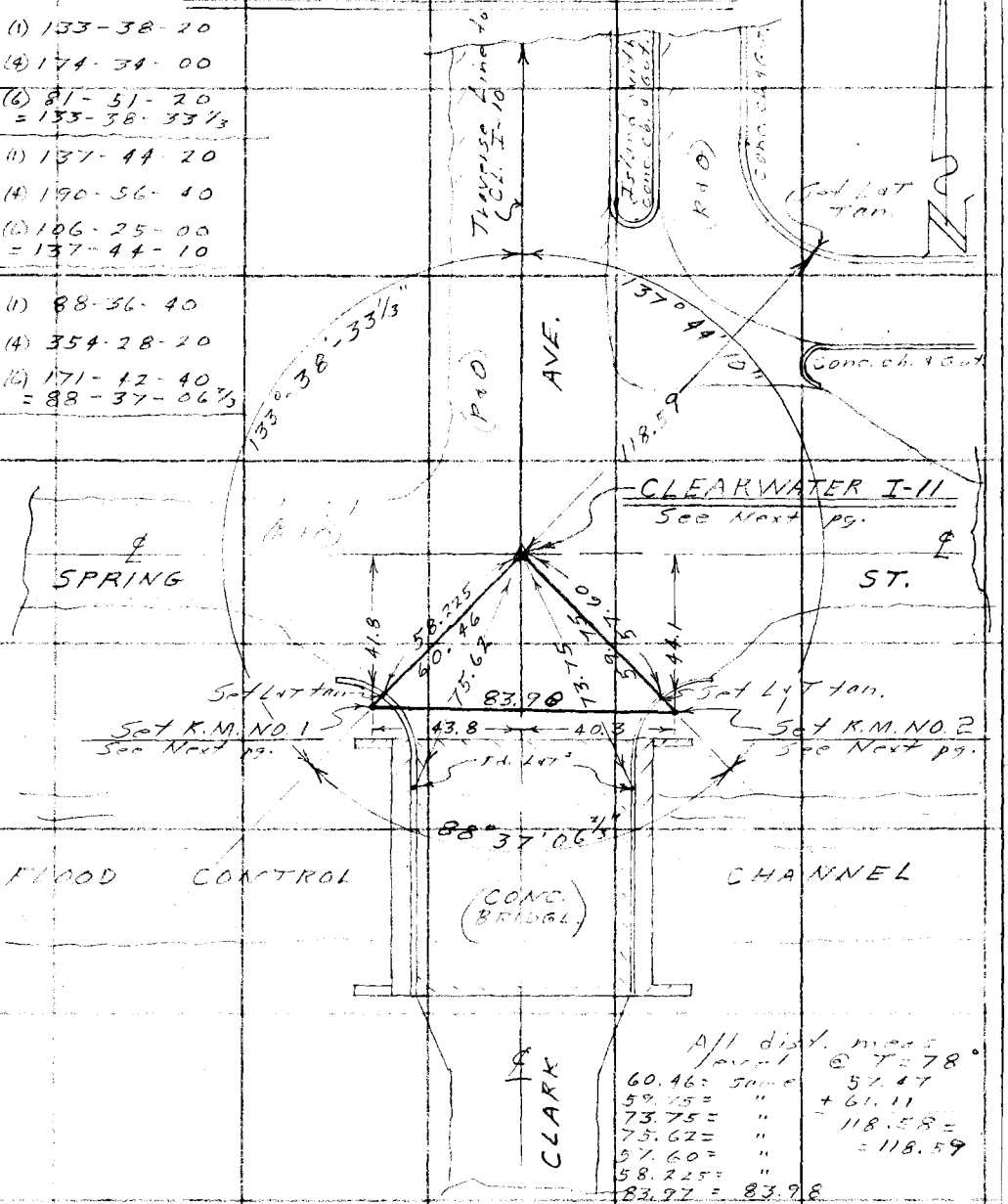
F. B. 939 PG. 91

L. A. COUNTY SURVEY CONTROL SYSTEM
TRAVERSE STATION
CLEARWATER I-11

(1) 133-38-20
(4) 174-34-00
(6) 81-51-20
= 133-38-33 1/3

(1) 137-44-20
(4) 190-56-40
(6) 106-25-00
= 137-44-10

(1) 88-36-40
(4) 354-28-20
(6) 171-42-40
= 88-37-06 2/3



All dist. meas level @ T = 78°

60.46 = same
59.75 = "
73.75 = "
75.62 = "
57.60 = "
58.225 = "
83.97 = 83.98

57.47
+ 61.11
118.58 =
= 118.59

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

F.B. 939 Pg. 92

— DESCRIPTIONS —
CLEARWATER I-11

THIS station is in LOS ANGELES COUNTY, in the CITY OF LONG BEACH, and is the ℄ intersection of SPRING ST. and CLARK AVE., in a well cut thru the pavement and protected by a std. C.S. and cast iron cover marked "COUNTY SURVEYOR MONUMENT".

STATION MARK: Fd. a std. 2" brass C.S. cap in conc. 11" below surface of pavement & stamped "R.E. 327, +". Stamped "I-11" above, (N), of "+". (NO REF.)

SUB-SURFACE MARK: NONE SET.

REFERENCE MARK NO. 1: Set a std. 4" brass C.S. M.M. cap on a 2" iron pipe in conc. 9" below curb grade, stamped "CLEARWATER I-11, R.M. NO. 1, 1956, CO. ENGR., R.E. 5869".

REFERENCE MARK NO. 2: Set a 2" iron pipe with conc. collar & Lot cth. dn. 11" below curb grade.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.

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

F. B. 934 PG. 93

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0330.20 Tape No. 0119 St'd. 68 °F
Office Work	Surveyed by W. D. RAY
Checked	Notes W. D. R. Date 7-13-56
Date	Indexed A. C. JOHNSON 7-16-56

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3085 S&E #247. 8-54

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

CLEARWATER I-10

Set R.M. NO.1
See Next pg.

Fd. 1" sq. brass cap in conc. dn. 10" in a well marked "CO. L.A. ROAD". per F.B. 1911-116 " " 1249-3 " " F.B. 160-3 Directly over a 3" brass cap in conc. dn. 20" marked "CITY OF LONG BEACH" NO REF. Removed both and replaced with CLEARWATER I-10
See Next pg.

Set L&T Tan.

Set L&T

Set L&T Tan.

Set R.M. NO.2
See Next pg.

Fd. Rm. 4" on 65mph. Rim per F.B. 1911-116

Fd. 5/8" L&T flush per F.B. 1911-116

Conc. Curb

AVE.

CLARK

WARDLOW RD.

Island

30.8
5.23
27°20'57"
T.S. 98.8
6.88
30.94
109.8
553.00'
120.755
93°
96.12
49.98
0.125
98.65
13.00
87.2
1.82
0.3

(1) 271-21-00
(4) 109-23-40
(6) 164-05-40
= 27-20-56½
(1) 93-53-20
(4) 15-32-00
(6) 203-18-00
= 93-53-00
(1) 238-46-00
(4) 235-04-40
(6) 352-37-00
= 238-46-10

All dist. in ft. level @ T=78°

98.64	= 98.65
96.11	= 96.12
1.82	= Same
66.83	= "
0.25	= "
33.25	= "
30.94	= "
49.98	= "
56.42	
+ 64.335	
120.745	= 120.755

F.B. 939 Pg. 94

~ DESCRIPTIONS ~
CLEARWATER I-10

This station is in LOS ANGELES COUNTY, in the CITY OF LONG BEACH, near the intersection of CLARK AVE. and WARDLOW ROAD., 0.12 W. of ℄ of CLARK AVE. and 50'± N. of the ℄ of WARDLOW RD., in a well and protected by a conc. pad & CAST IRON COVER marked "COUNTY ENGINEER MONUMENT".

STATION MARK: 5-7 a std. 4" brass C.S. TRAVERSE CAP on a 2" iron pipe in CONC. dm. 2' below pvmt. SURFACE and stamped "CLEARWATER I-10, 1956, CO. ENGR., R.E. 5869'.

SUBSURFACE MARKS: NONE SET

REFERENCE MARK NO. 1: 5-7 a std. 4" brass C.S. TRAVERSE CAP on a 2" iron pipe in CONC., 2' 12" below curb grade and stamped "CLEARWATER I-10, 1956, CO. ENGR., R.E. 5869'.

REFERENCE MARK NO 2: 5-7 a 2" iron pipe with a [illegible] 18" below curb grade.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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Notes Ck'd by	Survey of
Map No.	W. O. Tape No. St'd. °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F. B. PG.

95-100
Blank

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 2-51

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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F. B. _____ PG. _____

Notes Ck'd by	Survey of GEODETIC CONT.
Map No.	W. O. Tape No. St'd. °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed A. C. Johnson 11-4-55

F. B. 939 Pg. 101

L. A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION & TRAVERSE IN EAST LOS ANGELES AREA

J.N. 0301.00

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

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

PARTIES:

STOCK	BAY
SMITH	LANDA
MORENO	GUIZADO
WILKS	MC KNIGHT
LYBRAND	WALLACE
GREENE	HARRINGTON

76F309S 247 10M 1-49

F. B. 939 Pg. 102

INDEX

STATION		LOCALITY EAST LOS ANGELES	PAGE
ALHAMBRA	D6	CITY TERRACE	103
"	D7	FORD BLVD 142' No. of FLORAL DR.	105 ✓
"	D8	FORD BLVD @ E. NEW YORK ST.	107 ✓
"	D8A	FORD BLVD @ E. 2nd ST.	109 ✓
"	D9	FORD BLVD 89' So. of EAGLE ST.	111 ✓
"	D10	FORD BLVD & ALLEY No. of WHITTIER BLVD.	113 ✓
"	D10A	LONG BEACH FREEWAY & TELEGRAPH RD.	115
"	D11	LONG BEACH FREEWAY & WASHINGTON BLVD	117
"	A-12	NORTH BANK L.A. RIVER 0.15 mi East of TRIANGLE ROAD	119 ✓
"	A 12A	L.A. RIVER 0.6 mi East of TRIANGLE ROAD	121 ✓
"	B-7 ECC#1 & ECC#2	CITY TERRACE	123
BELL	B-1A	L.A. RIVER 0.3 Mi West of ATLANTIC BLVD.	125 ✓
"	D-2	MAYWOOD AIR FORCE DEPOT	127 ✓
"	D-2A	L.A. RIVER 0.45 Mi East of ATLANTIC BLVD	129 ✓
"	D-2B	L.A. RIVER 0.5 Mi East of ATLANTIC BLVD.	131
"	D-2C	L.A. RIVER 0.25 mi West of SLAUSON AVE.	133
"	C-1	L.A. RIVER 0.25 mi E. of ATLANTIC BLVD.	135 ✓
"	C-1A	L.A. RIVER @ ATLANTIC BLVD.	137 ✓
"	D-1	LONG BEACH FREEWAY & EAST 26th ST.	139

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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939 103 V

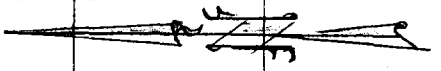
F. B. Pg.

Notes Ck'd by	Survey of Geodetic Control
Map No.	W. O. 0301.00 Tape No. 138 St'd. 84 °F
Office Work	Surveyed by Stock
Checked	Notes Stock Date 8-26-55
Date	Indexed A. C. Johnson

L.A. COUNTY SURVEY CONTROL SYSTEM

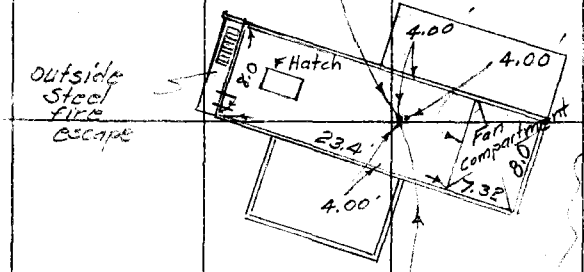
TRIANGULATION STATION

ALHAMBRA D-6



Set

ALHAMBRA D-6

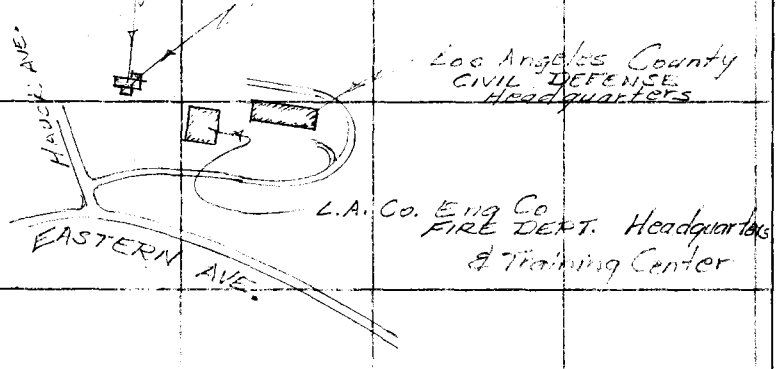


TOP VIEW OF - FIREMAN TRAINING TOWER

Note: Tower is 80'+ high and permission also key should be obtained from Fire Dept's Capt.

See FB 2700-85 for Sht. acc. #1

Same



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 4-53

F. B. 939 PG. 104

DESCRIPTION
ALHAMBRA D-6

This triangulation station is in Los Angeles County, in the city Terrace Area, on the high hill just West of the BISCAILUZ Sheriff Training Center on the Los Angeles County's Fire Dept. Hq. Fireman Training Tower on the roof 4.00' N of fan compartment wall and 4.00' from Wly wall a Lead & Tack.

STATION MARK: Set A Lead & Tack in Concrete roof of Reinforced Concrete Fireman Training Tower.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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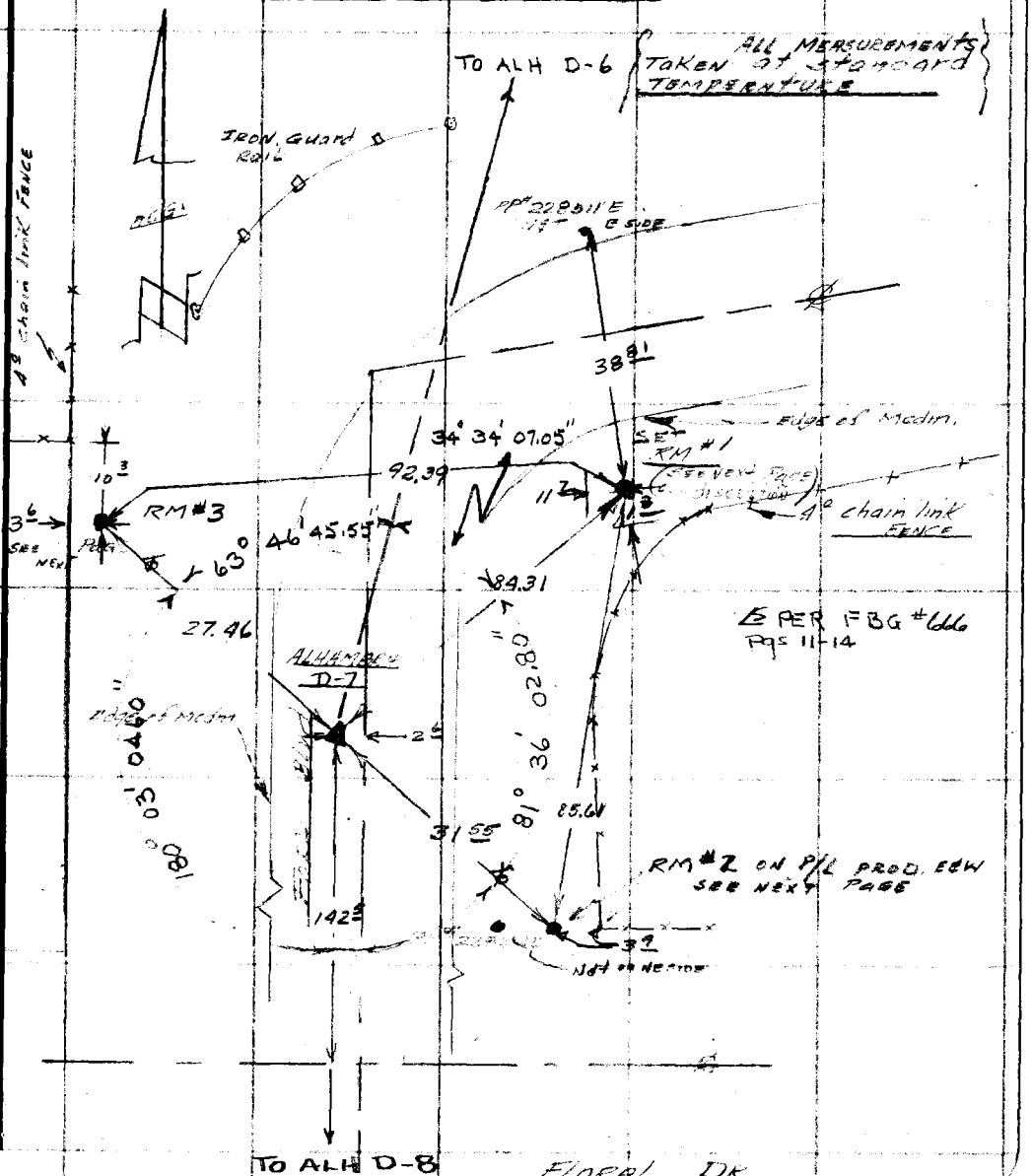
939 . 105
F. B. _____ Pg. _____

Notes Ck'd by	Survey of
Map No.	W. O. Type No. 53 St'd. 80 °F
Office Work	Surveyed by
Checked	Notes Date 7-55
Date	Indexed E. C. Johnson

LA COUNTY SURVEY CONTROL SYSTEM · TRIANGULATION STATION

ALHAMBRA D-7



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F. B. 939 PG. 106

DESCRIPTIONS

ALHAMBRA D-7

This station is in the county of Los Angeles, in the area of East Los Angeles. This station is near the intersection of Ford Blvd & Floral Drive. It is 142.5 north of ℄ of Floral Dr. & 2.6 west of ℄ Ford Blvd, in a well protected by a cast iron cover marked "County Surveyor Monument"

Station Mark Set a standard 4 inch brass cap in concrete marked "L.A. County Survey Control System, Triangulation Station Alhambra D-7" 1955 L.A. County Engineer RE 63" - 10 inches deep

Sub-surface mark: None set

Reference Mark #1: Set a standard 4 inch brass cap in concrete marked "LA County Survey Control System, Alhambra D-7 RM #1 L.A. County Engineers RE 63" 12" deep

Reference Mark #2: Set a standard 4 inch brass cap in concrete marked "LA County Control System, Alhambra D-7 RM #2 L.A. County Engineers RE 63" 12" deep.

Reference Mark #3: Set a standard 4 inch brass cap in concrete marked "L.A. County Control System, Alhambra D-7 RM #3 L.A. County Engineers RE 63" 12" deep.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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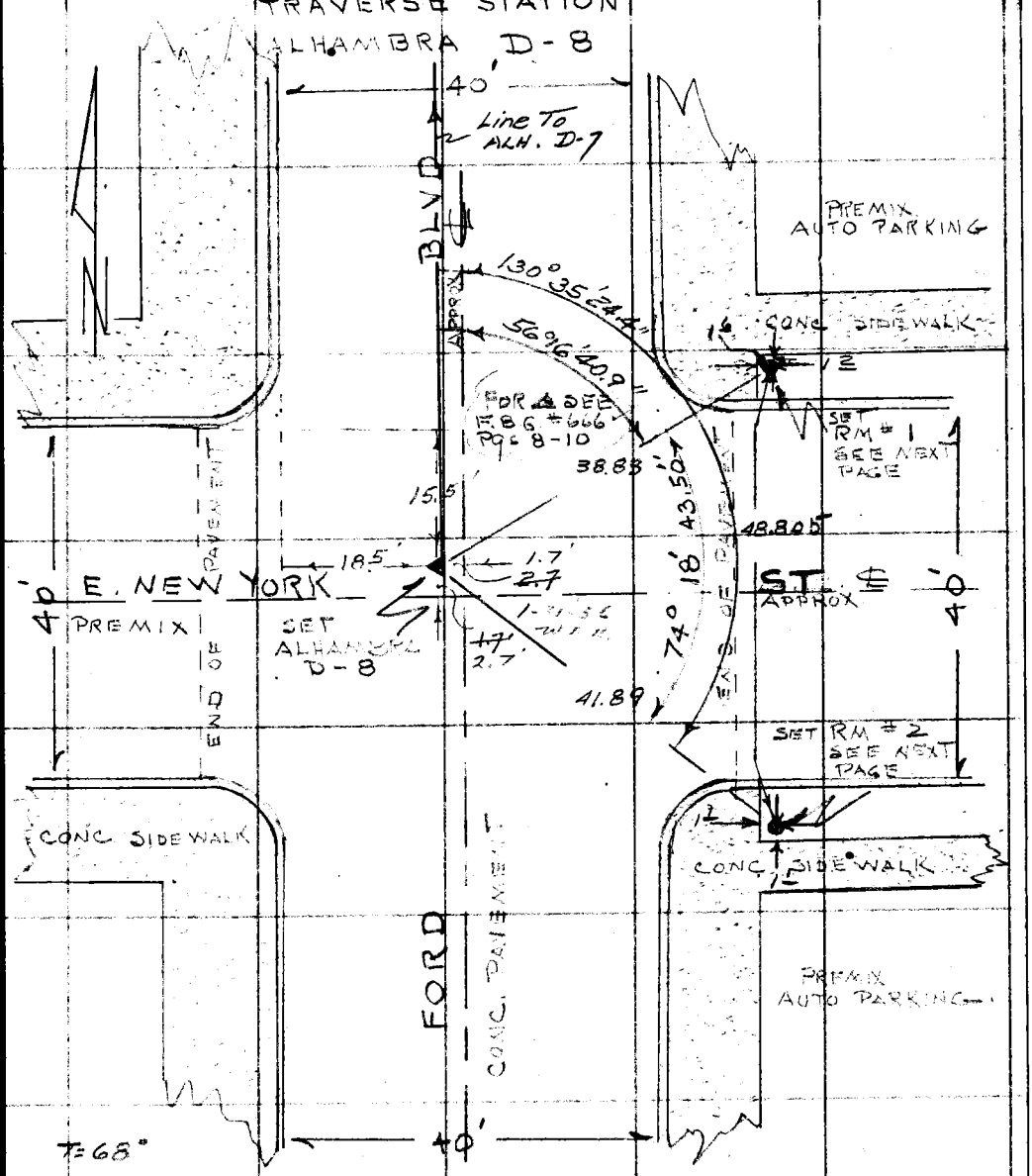
F. B. 939 PG. 107

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. Tape No. 53 St'd. 84 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes R D SMITH Date 7-55
Date	Indexed A. C. Johnson

LA. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

ALHAMBRA D-8



T=68°

38.83 = same

41.89 = —

48.81 = 48.805

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

F. B. 939 PG. 108

DESCRIPTIONS
ALHAMBRA D-8

THIS STATION IS IN THE COUNTY OF LOS ANGELES IN THE AREA OF EAST LOS ANGELES AT THE INTERSECTION OF FORD BLVD. AND EAST NEW YORK ST. IT IS 1.7 FT. WEST AND 2.7 FT NORTH OF THE ℄ INTERSECTION IN A WELL PROTECTED BY A CAST IRON COVER MARKED COUNTY SURVEYOR MONUMENT.

STATION MARK: SET STD 4 INCH BRASS CAP IN CONC. MARKED L.A. COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION ALHAMBRA D-8 1955 L.A. COUNTY ENGINEER R.E. 63. 12 INCHES BELOW TOP OF PAVEMENT.
SUB SURFACE MARK; NONE SET

REFERENCE MARK #1: SET STD 4 INCH BRASS CAP IN CONC. MARKED L.A. COUNTY SURVEY CONTROL SYSTEM, ALHAMBRA D-8 R.M. NO 1, 1955, L.A. COUNTY ENGINEER R.E. 63, 12 INCHES BELOW GROUND SURFACE.

REFERENCE MARK #2 SET STD 4 INCH BRASS CAP IN CONC. MARKED L.A. COUNTY SURVEY CONTROL SYSTEM, ALHAMBRA D-8 R.M. #2 1955 L.A. COUNTY ENGINEER R.E. 63 12 INCHES BELOW SURFACE OF GROUND

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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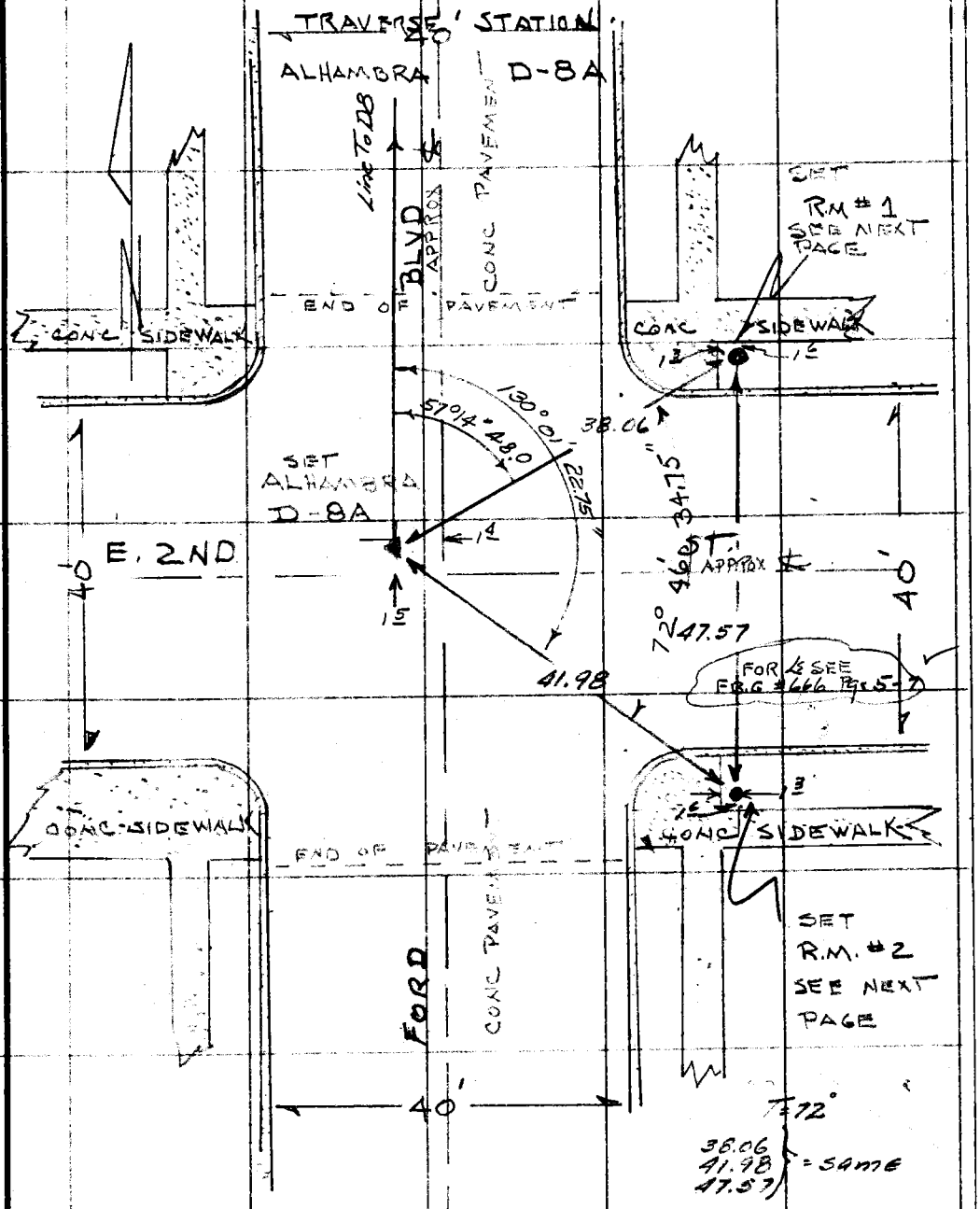
939 F. B. 109 Pg.

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. Tape No. 53 St'd. 84 °F
Office Work	Surveyed by W. D. BAIN
Checked	Notes R. D. SMITH Date 7-55
Date	Indexed A. C. Johnson

L.A. COUNTY SURVEY CONTROL STATION



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Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

F. B. 939 PG. 110

DESCRIPTIONS
ALHAMBRA D-8A

THIS STATION IS IN LOS ANGELES COUNTY IN THE AREA OF EAST LOS ANGELES AT THE INTERSECTION OF YORK BLVD AND E. 2ND STREET AND IS 15 FT NORTH AND 14 FT WEST OF THE ℄ INTERSECTION IN A WELL PROTECTED BY A CAST IRON COVER MARKED COUNTY SURVEYOR MONUMENT.

STATION MARK: SET STD 4 INCH BRASS CAP IN CONC. MARKED LA COUNTY SURVEY CONTROL SYSTEM. TRAVERSE STATION ALHAMBRA D-8A 1955 LA COUNTY ENGINEER R.E. 63. 10 INCHES BELOW SURFACE OF [illegible].

SUB SURFACE MARK: NONE SET

REFERENCE MARK #1: SET STD 4 INCH BRASS CAP IN CONC. MARKED: L.A. COUNTY SURVEY CONTROL SYSTEM, RM No 1 1955. LA COUNTY SURVEYOR R.E. 63 12 INCHES BELOW GROUND SURFACE.

REFERENCE MARK #2 SET STD 4 INCH BRASS CAP IN CONC. MARKED LA COUNTY SURVEY CONTROL SYSTEM. ALHAMBRA D-8A 1955 LA COUNTY ENGINEER R.E. 63 12 INCHES BELOW GROUND SURFACE.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

939 111 V

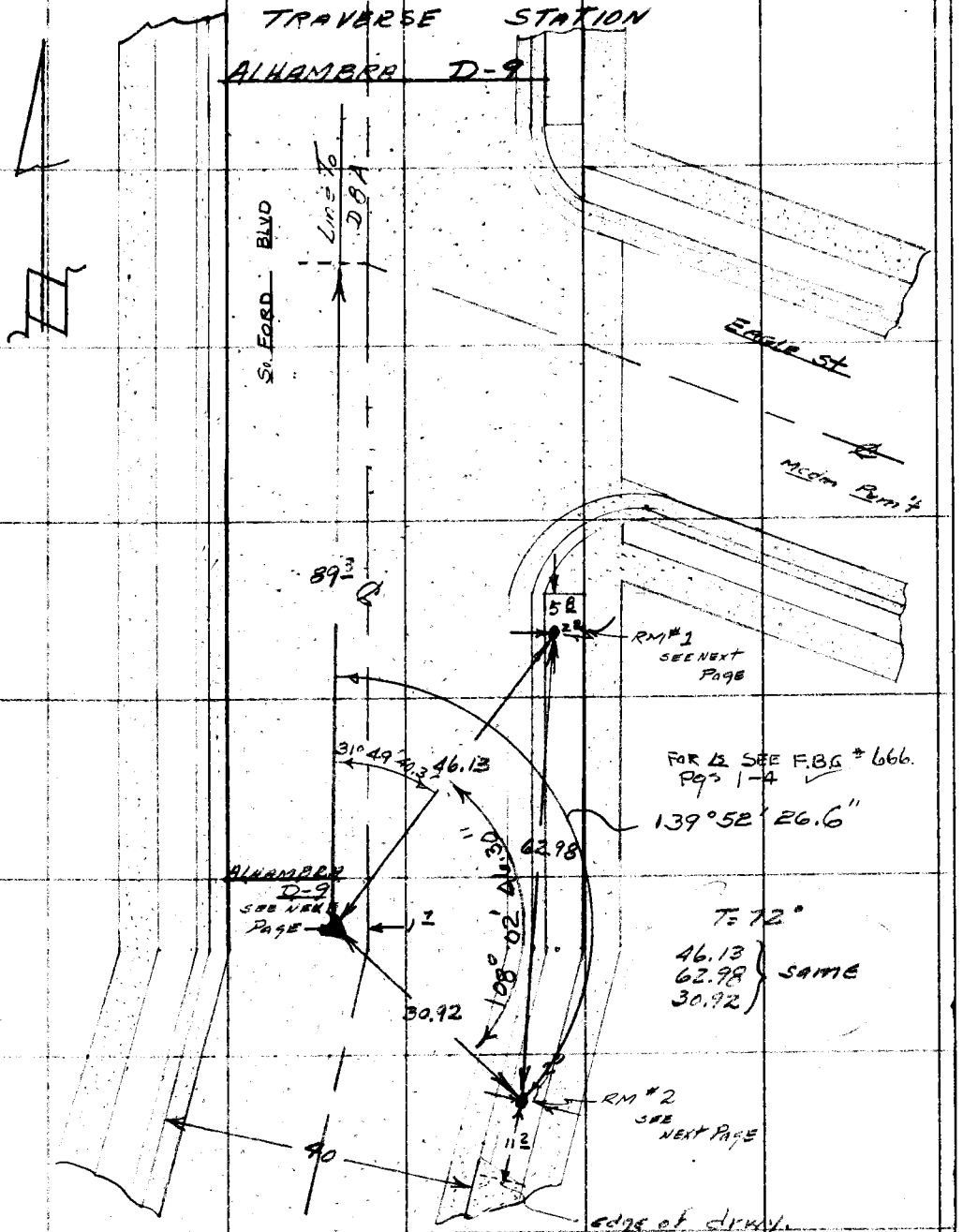
F. B. _____ Pg. _____

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. ____ Tape No. 53 St'd. 84 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes A C QUIZADO Date 7-55
Date	Indexed A. C. Johnson

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

ALHAMBRA D-9



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Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F. B. 939 PG. 112

DESCRIPTIONS

ALHAMBRA D-9

THIS STATION IS IN THE COUNTY OF LOS ANGELES IN THE AREA OF EAST LOS ANGELES, IT IS NEAR THE INTERSECTION OF FORD BLVD & EAGLE ST. IT IS 1 FT WEST & 89.3 FT SOUTH OF THE ℄ INTERSECTION OF SAID STS. IT IS IN A WELL PROTECTED BY A CAST IRON COVER MARKED "County Surveyor Monument"

STATION MARK SET A STANDARD 4 INCH BRASS CAP IN CONCRETE MARKED "L.A. COUNTY SURVEY CONTROL SYSTEM, TRAVERSE STATION, ALHAMBRA D-9 — 1955, L.A. COUNTY ENGINEERS RE 63" PROTECTED BY A CAST IRON COVER MARKED "County Surveyor Monument"

SUB-SURFACE MARK NONE SET

REFERENCE MARK #1 SET A STANDARD 4 INCH BRASS CAP IN CONCRETE MARKED "LA County Survey Control System, ALHAMBRA D-9 RM#1 LA County ENGINEERS RE 63," 12" DEEP

REFERENCE MARK #2 SET A STANDARD 4 INCH BRASS CAP IN CONCRETE MARKED "LA COUNTY SURVEY Control System, ALHAMBRA D-9 RM#2 LA County ENGINEERS RE 63," 12" DEEP

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. D301.00 Tape No. 53 St'd. 84 °F
Office Work	Surveyed by W. D. BAN
Checked	Notes R. D. SMITH Date 7-55
Date	Indexed C. C. Johnson

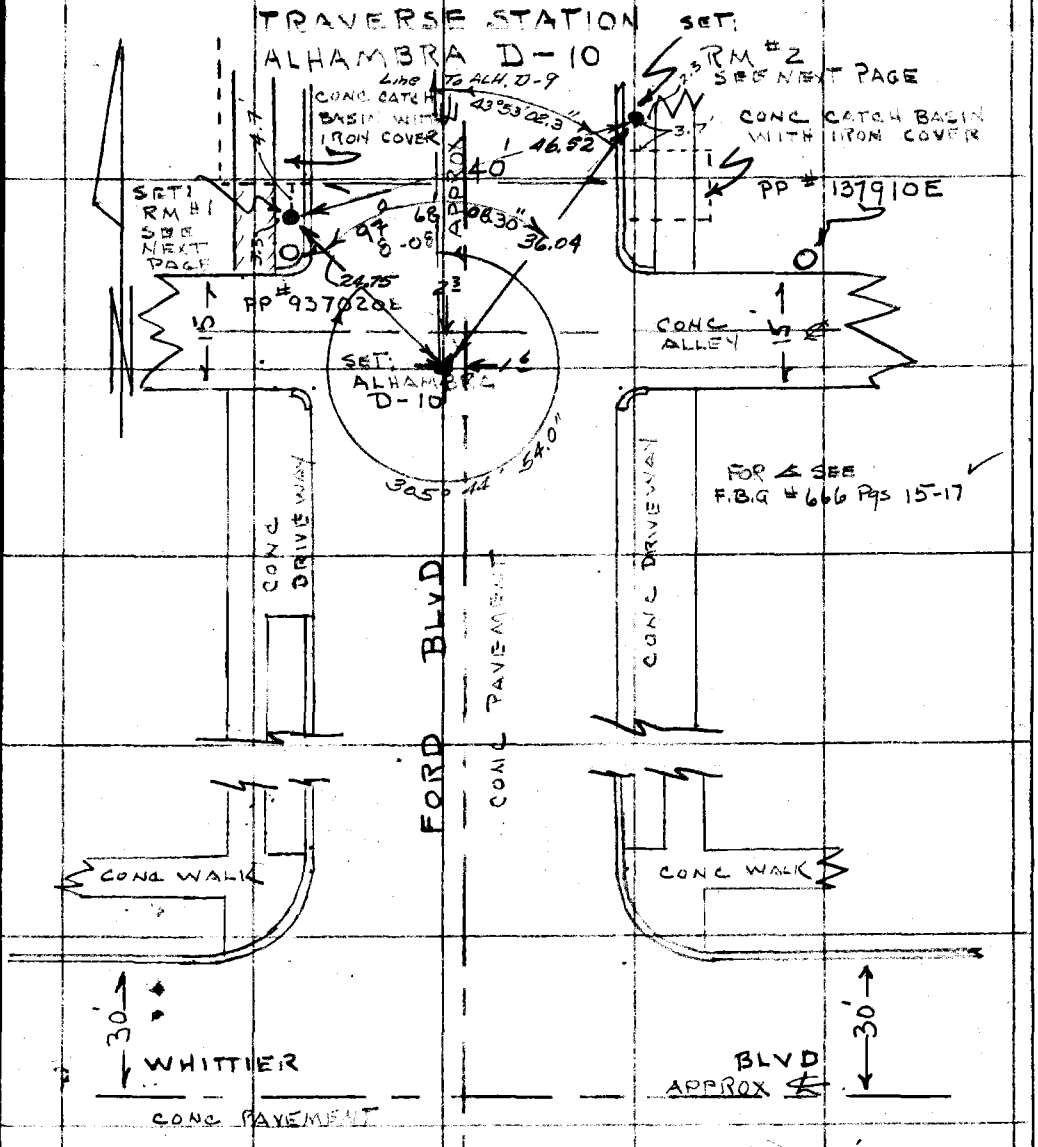
F. B. 939 PG. 113

TIES TO REF. MARKS ?

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

ALHAMBRA D-10



FOR ∠ SEE F.B.G # 666 Pgs 15-17

T = 72°

46.52
36.04
24.75
} = SAME

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

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

F.B. 939 PG. 114

DESCRIPTIONS
ALHAMBRA
D-10

THIS STATION IS IN THE COUNTY OF LOS ANGELES IN THE AREA OF EAST LOS ANGELES. AND IS AT THE ALLEY NORTH OF THE CENTER LINE INTERSECTION OF WHITTIER BLVD AND FORD BLVD AND 2 3/4 FT. SOUTH AND 1/2 FT WEST OF THE CENTER LINE INTERSECTION OF FORD BLVD AND THE FIRST ALLEY NORTH OF WHITTIER BLVD AND IN A WELL PROTECTED BY A CAST IRON COVER MARKED "COUNTY SURVEYOR MONUMENT"

STATION MARK: SET STD 4 INCH BRASS CAP IN CONC INCHES BELOW SURFACE OF THE PAVEMENT AND MARKED, L.A. COUNTY SURVEY CONTROL SYSTEM, ALHAMBRA D-10 1955 L.A. COUNTY ENGINEER R.E. 63

SUB-SURFACE MARK: NONE SET

REFERENCE MARK #1 SET STD 4 INCH BRASS CAP IN CONC 12 INCHES BELOW SURFACE OF THE GROUND AND MARKED, L.A. COUNTY SURVEY CONTROL SYSTEM, ALHAMBRA D-10 R.M. NO. 1 1955, L.A. COUNTY ENGINEER R.E. 63

REFERENCE MARK #2 SET STD 4 INCH BRASS CAP IN CONC. 12 INCHES BELOW SURFACE OF THE GROUND, AND MARKED L.A. COUNTY SURVEY CONTROL SYSTEM, ALHAMBRA D-10 1955, L.A. COUNTY ENGINEER R.E. 63

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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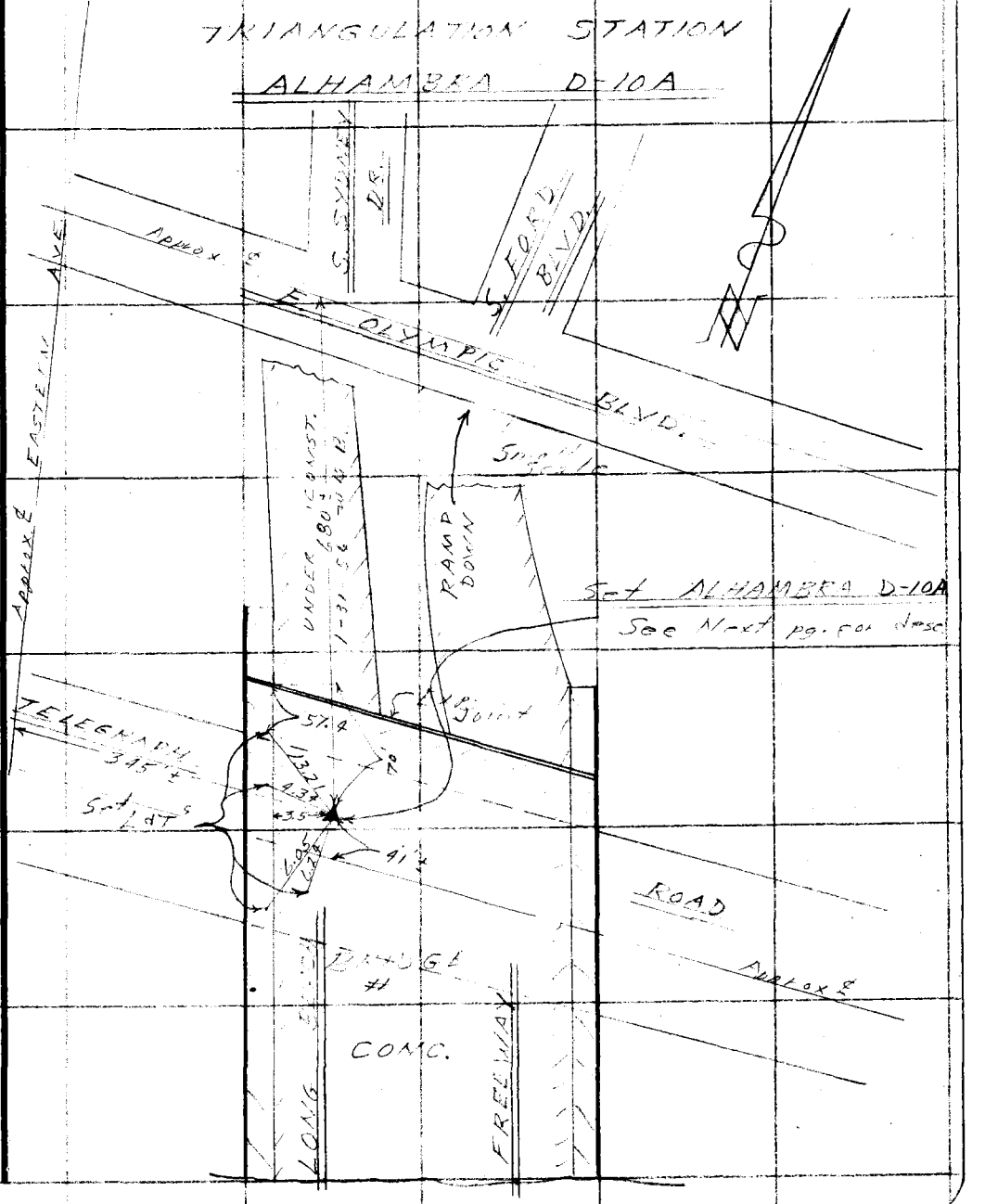
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 53 St'd. 34 °F
Office Work	Surveyed by W.D. BAY
Checked	Notes W.D.B. Date 9-15-55
Date	Indexed A. C. Johnson

F. B. 939 Pg. 115

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

ALHAMBRA D-10A



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

F.B. 939 PG. 116

— DESCRIPTIONS —

ALHAMBRA D-10A

This station is in LOS ANGELES COUNTY, IN THE EAST LOS ANGELES AREA, on a bridge of the LONG BEACH FREEWAY which crosses over ANAHEIM TELEGRAPH ROAD, 345' ± E. of ℄ of EASTERN AVE. & 41' ± N. of ℄ of TELEGRAPH ROAD.

STATION MARK: Set a std. 4" brass Tablet, flush, in concrete pavement of the bridge, 3.5' E. of W. curb & 70.0' S. of N. end of bridge, & marked "L.A. COUNTY SURVEY CONTROL SYSTEM, TRIANGULATION STATION ALHAMBRA D-10A, 1955, RE. 63".

[illegible] MARKS: Set a 3/8" galv. [illegible], lead plug & brass tack in dirt directly below station mark and 6" below [illegible] of TELEGRAPH ROAD.

REFERENCE MARK: NONE

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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Notes Ck'd by

Map No.

Office Work

Checked

Date

Survey of [illegible]

W. O. 0301.05 Tape No. 288 St'd. 68 °F

Surveyed by [illegible]

Notes [illegible] Date [illegible]

Indexed A. C. Johnson

F. B. 979 Pg. 117

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247. 8-54

L. A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

ALHAMBRA D-11

F. B. 939 PG. 118

— DESCRIPTIONS —

ALHAMBRA D-11

This station is in LOS ANGELES COUNTY, in the EAST LOS ANGELES area, on the LONG BEACH FREEWAY, in the S.W. cor. of the West section of the FIRST bridge N. of WASHINGTON BLVD., and about 0.2 miles N. of WASHINGTON BLVD.

STATION MARK: Set a L/T in a 1' conc. strip between exp. joints at S end of W. section of bridge, 6.2' E of W. curb, marked "

SUB-SURFACE MARK: NONE

REFERENCE MARK: NONE

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W.O. #3001.00 Tape No. 138 St'd. 84 °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed A. C. Johnson

F.B. 939 PG. 119

W.S #7

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

ALHAMBRA A-12

CITY OF L.A. WATER & POWER TRANSMISSION TOWER # 266 II 6

CITY OF L.A. WATER & POWER TRANSMISSION TOWER # 266 II 5

SWITCH

SET RIM #1 (TAN) SEE NEXT PAGE

26.48

LOS ANGELES JUNCTION ST

TO TRIANGLE #1

TO BANDINI #1 TRIANGLE

0.15 MI

390.10

ALHAMBRA A-12 SEE NEXT PAGE

ASPHALT CONCRETE

Fd: FLOOD CONTROL MON. SEE NEXT PAGE

WIRE FENCE

LINE OF POWER POLES

TOP OF BANK

LOS ANGELES RIVER FLOOD CONTROL CHANNEL

TO STATION VERNON

LEVEL T-68°

1. 26.48 = SAME

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F.B. 939 PG. 120

DESCRIPTION
ALHAMBRA
A-12

THIS STATION IS IN THE COUNTY OF LOS ANGELES IN THE AREA OF VERNON INDUSTRIAL ON A SERVICE ROAD RUNNING ALONG THE TOP OF THE NORTH BANK OF THE FLOOD CONTROL CHANNEL OF THE LOS ANGELES RIVER. EASTERLY FROM THE INTER-SECTION OF BANDINI BLVD AND TRIANGLE RD.

STATION MARK: F1 FLOOD [illegible] UNDER STD 4 INCH BRASS CAP SET IN [illegible] FLUSH WITH SURFACE [illegible] MARKED LOS ANGELES COUNTY FLOOD CONTROL DISTRICT R.W. P.O.T 6... 74

REFERENCE MARK #1 SET STD 4 INCH BRASS CAP ON 2 INCH I.P IN CONC AND MARKED L.A. COUNTY SURVEY CONTROL SYSTEM, ALHAMBRA A-12 1955 LOS ANGELES COUNTY ENGINEER R.E. 63 24 INCHES BELOW TOP OF RAIL

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W.O. 8301.09 Tape No. 38 St'd. 84 °F
Office Work	Surveyed by H.P.S.
Checked	Notes Date
Date	Indexed K. C. Johnson

F.B. 939 Pg. 121

D.S. #7

L.A. COUNTY SURVEY CONTROL STATION

TRIANGULATION STATION

ALHAMBRA A-12A

CITY OF L.A.
DEPT WATER & POWER
TRANSMISSION
TOWER # 266 II 3

CITY OF L.A.
DEPT WATER & POWER
TRANSMISSION TOWER
266 # 2

SET RM #1
TAN SEE NEXT
PAGE

17.61'

LOS ANGELES

SOUTHERN PACIFIC JUNCTION RY.

TO BANDINI & TRIANGLE CONCRETE 0.6 MI

0.6 MI TO

337.0

0.2 mi

16.09'

ALHAMBRA A-12A
SEE NEXT PAGE

163.0

WIRE FENCE

87.3'

P.P.# 672275E

POWER POLE LINE

SET
L&T Tan

P.P.# 672274E

LOS ANGELES RIVER
FLOOD CONTROL CHANNEL

L.A. JUNCTION RY.

STEEL BRIDGE

LEVEL C 11.68'

1. 16.09 =
2. 17.61 =

TO STATION
VERNON

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

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F.B. 939 PG. 122

DESCRIPTION
ALHAMBRA
A-12A

THIS STATION IS IN THE COUNTY OF LOS ANGELES IN THE AREA OF VERNON INDUSTRIAL ON A CENTER LINE RUNNING ALONG THE WESTERLY SIDE OF THE LOS ANGELES RIVER FLOOD CONTROL CHANNEL BETWEEN DOWNEY ROAD AND ATLANTIC BLVD. 337 FEET EASTERLY ALONG THE EDGE OF PREMIX PAVEMENT AT THE TOP OF FLOOD CONTROL CHANNEL FROM A LINE PRODUCED FROM THE EASTERLY LEGS OF THE DEPT OF WATER & POWER, CITY OF L.A. TRANSMISSION TOWER # 266 II 3.

MONUMENT IS A BRASS CAP IN CONC. FLUSH WITH SURFACE OF ROADWAY AND MARKED L.A. COUNTY FLOOD CONTROL DISTRICT K.M. POT 66 1-31-56 OK

This cap has been scraped and probably originally read "P.O.T. 6-66"

REFERENCE MARK: SET 5/8" & INCH BRASS CAP ON 2 INCH I.P. IN CONC. AND MARKED L.A. COUNTY SURVEY CONTROL STATION ALHAMBRA A-12A MGS L.A. COUNTY ENGINEER R.E. 66 DOWN 24 INCHES BELOW TOP OF RAIL

RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
ENGINEERING BLDG.
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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by		Survey of	
Map No.		W. O.	Tape No. 266 St'd. 68 °F
Office Work		Surveyed by	
Checked		Notes	Date
Date		Indexed	C. Johnson

F. B. 937 PG. 123

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 S&E #247. 8-54

*For angles see next pg.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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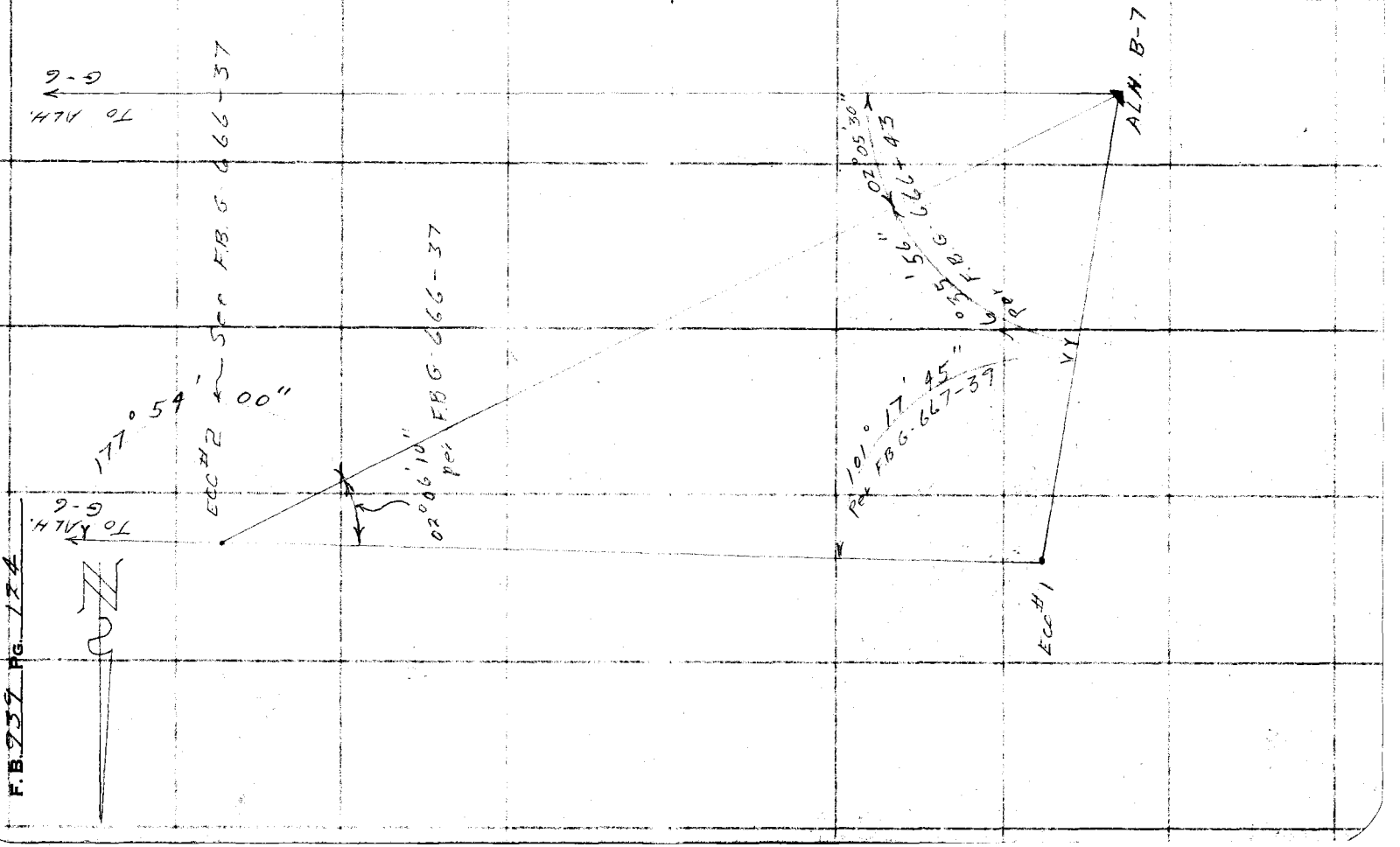
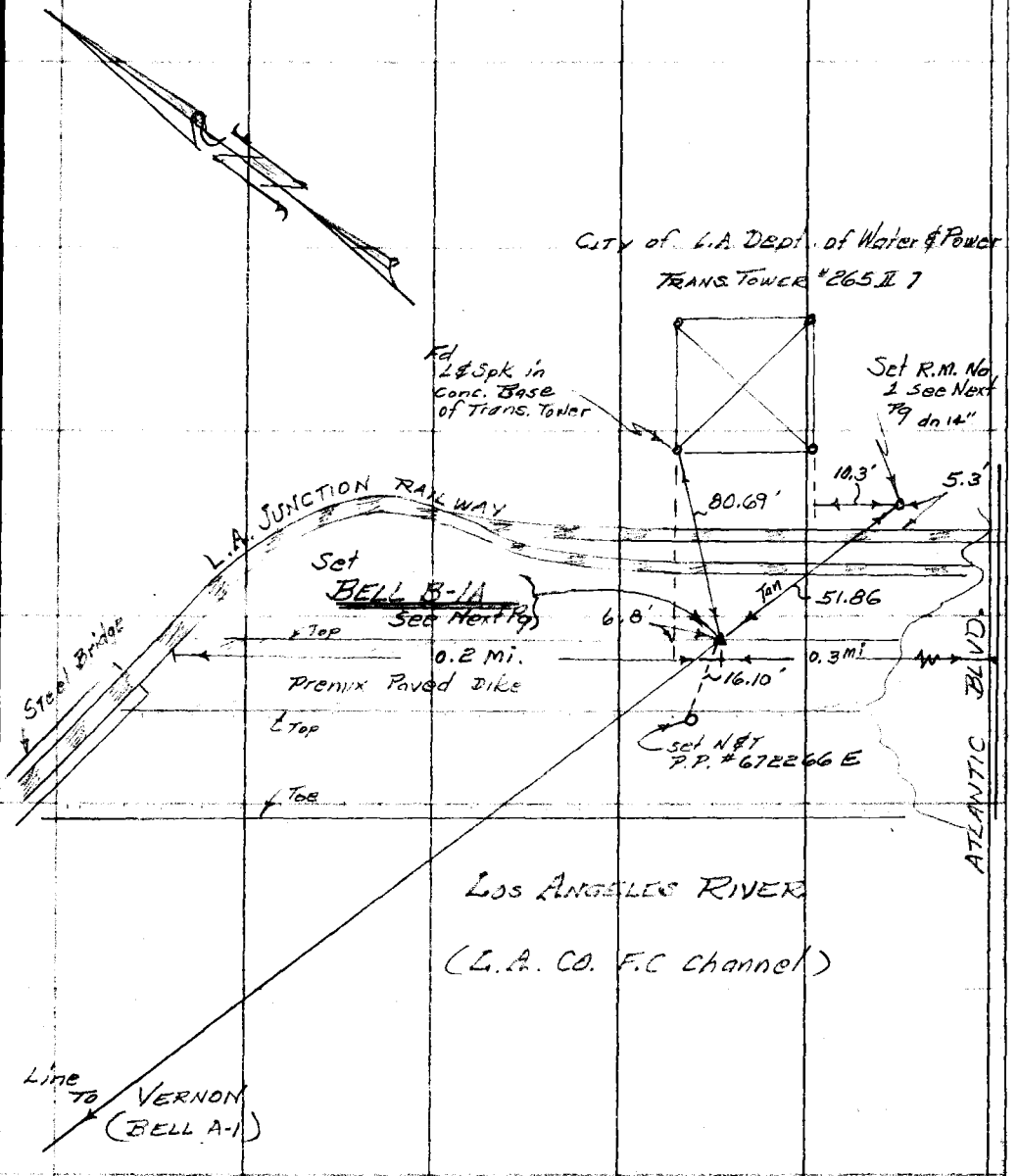


F. B. 939 PG. 125

Notes Ck'd by	Survey of Geodetic Control
Map No.	W. O. 2301.90 Tape No. 0162 St'd. 68 °F
Office Work	Surveyed by Stock
Checked	Notes Stock Date 8-26-55
Date	Indexed A. C. Johnson

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION
BELL B-1A



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

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

F. B. 939 PG. 126

DESCRIPTION
BELL B-1A

This Triangulation Station is in Los Angeles County, at the north edge of the city of Vernon, 0.3 mi NWly along north bank of Los Angeles River from ATLANTIC BLVD., at NEly edge of L.A.Co. F.C. R/W & 6.8' SEly from Leg Line prod of Tower # 265 II 7 (West side), flush with paved surface and at northerly edge.

STATION MARK: Found A Standard 4 inch brass Flood Control Mark set Flush (with pavement) in Concrete and Lettered "L.A. Co. Flood Control Dist., R/W. P.O.T. 6--56, $500 fine for disturbing this Mark."

Sub Surface: None.

REFERENCE MARK NO 1: Set A standard 4" brass Tablet in Concrete down 14" below surface and Lettered "L. A. CO. SURV. CONT. STA., REF. MARK, R.M. No 1, 1955, BELL B/M, Set by County Engineer R.E. 63."

RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
ENGINEERING BLDG.
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76F3098 247 4-53

RETURN TO
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726 LOS ANGELES COUNTY
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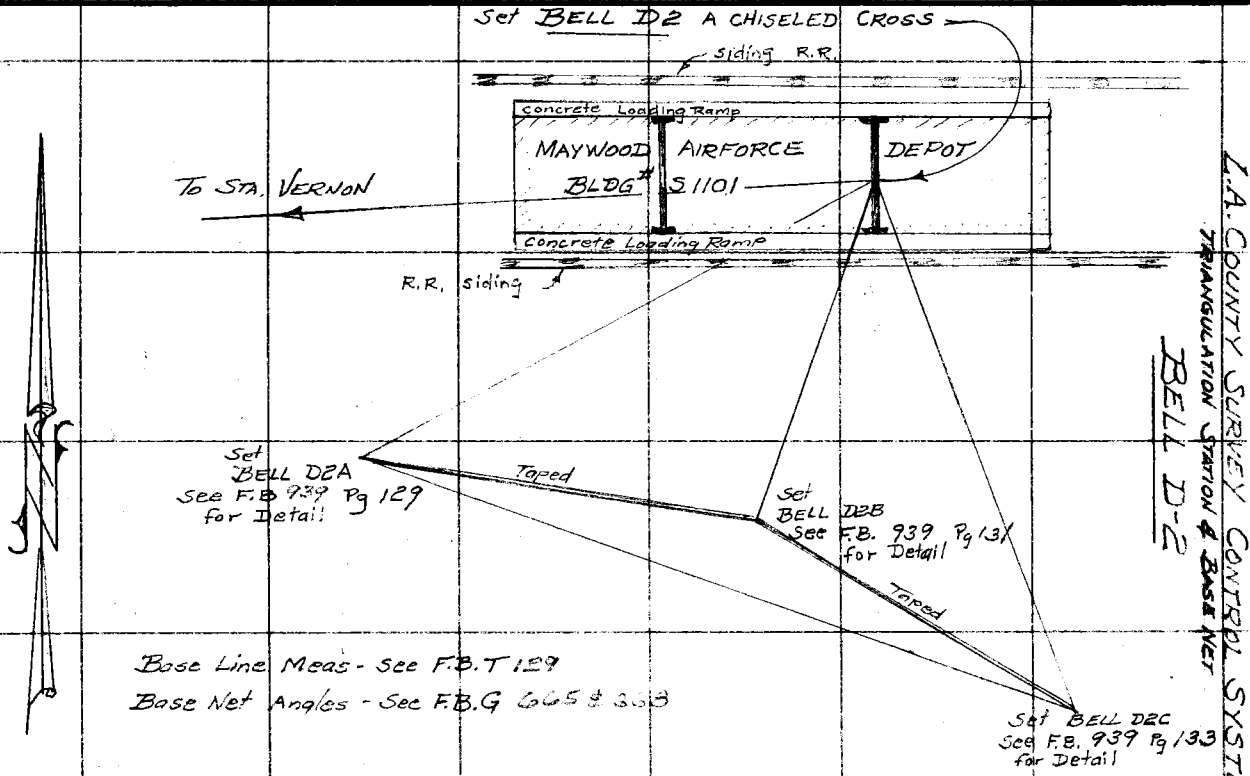
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of GEODETIC CONTROL
W. 80°01.0' Tape No. 138 Std. 84 °F
Surveyed by H. R. STOCK
Notes H.R.S. Date 9-1-55
Indexed K. C. Johnson

L.A. COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION STATION & BASE NET
BELL D-2



Base Line Meas - See F.B. T 129
Base Net Angles - See F.B. G 665 & 338

F.B. 939 PG. 127

F. B. 937 PG. 128

DESCRIPTION
BELL D-2

This Station is in Los Angeles County, on Bldg # S 1101 of the MAYWOOD AIR FORCE DEPOT on the most Ely of Two concrete fire walls 6' South of the Summitt of Wall.

STATION MARK: Set a chiseled Cross in Center of Top of Fire Wall 6 foot South of Ridge.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 138 St'd. 84 °F
Office Work	Surveyed by H.R. STOCK
Checked	Notes H.R.S. Date 9-2-55
Date	Indexed A. C. Johnson

F. B. 939 Pg. 129

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

BELL D-2A

Line To BELL D-2 @ AIR DEPOT

Note: Angles Are per F.B.G. 662 (10-13)

Set BELL D2A
See Next Pg also F.B. 939 Pg 127

104° 24' 13.0"

40.0'

9.7'

42' 25.4"

47.75'

47.25'

28.2'

72.62'

Set R.M. No. 2
See Next pg

Set R.M. No. 1 a L.&T.
See Next Pg

TRANS TOWER # 265 I 1

47.26' level T = 62° = 47.25'
47.76' " " = 47.75'
72.63' " " = 72.62'

TRANS. TOWER # 264 II B

ATLANTIC BLVD.

Toe

0.45 Mi

Top

Premix Paved

North Bank

Toe

Concrete Faced Channel

LOS ANGELES RIVER

L.A. Co. F.C.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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76F3085 247 4-53

F. B. 939 PG. 130

DESCRIPTION
TRIANGULATION STATION
BELL D-2A

This Station is in Los Angeles County, in the Maywood Area, in the TRANSMISSION TOWER R/W of the City of Los Angeles DEPARTMENT of WATER & POWER, between ATLANTIC BLVD & SLAUSON AVE., north of the Los Angeles River & South of the MAYWOOD AIR FORCE DEPOT, 0.45 mi. SEly from Atlantic Blvd along Paved North Bank of L.A. River to Tower #665 II, then 28.2 offset NEly from line thru the most Nly & E'ly legs of Same Tower also offset SEly 40.0 from line thru most Ely & Most Sly Legs of Tower.

STATION MARK: Set A Standard 4 inch Brass Tablet in Concrete down 24" below Surface and Lettered "L.A. COUNTY SURVEY CONTROL SYSTEM, TRIANGULATION STATION, BELL D2A, 1955, Set by L.A. County Surveyor R.E. 63".

REFERENCE MARK No 1: Set a Lead and Tack in the most easterly Conc. Footing of STEEL TRANS. TOWER #.

REFERENCE MARK No 2: Set a Standard 4 inch brass Tablet in Conc. down 24" below Surface and lettered "L.A. County Survey Control System, Reference mark, BELL D2A, 1955, Set by L.A. County Surveyor R.E. 63".

RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
ENGINEERING BLDG.
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F. B. 939 PG. 131

Notes Ck'd by	Survey of Geodetic Control
Map No.	W. O. 0301.00 Tape No. 139 St'd. 84 °F
Office Work	Surveyed by H. R. Stock
Checked	Notes Stock Date 9-1-55
Date	Indexed A. C. Johnson

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

BELL D2B

Line to BELL D2

Note: Angles Are per F.B.G 668 (12-14)

177.26
140.20
317.46 level T=92° 317.45

Set BELL D2B
See Next Pg for Desc.
also Pg 127

200.90
161.19
362.09 level T=92° 362.11'

S 1°03'35.0" E

94°31'44.7"

Set L&T. R.M. #1

℄ Line between

4.16'

362.11'

℄ L&T's

Set L&T. R.M. #2

TRANS. TOWER # 265 II 1

CITY OF L.A. DEPT. OF WATER & POWER R/W

TRANS. TOWER # 264 II 8

ATLANTIC BLVD.

0.5 mi

TOE

TOP

TOP RIVER EMBANKMENT

TOE

TOE

L.A. RIVER L.A. CO. F.C. Channel

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Do not extend notes this side of this line.

76F3095 247 4-53

F.B. 939 Pg. 132

DESCRIPTION
BELL D2B

This TRIANGULATION Station is in Los Angeles County, in the Maywood Area, North of the L.A. River, East 0.5 Mi of Atlantic Blvd, in the City of L.A.'s Dept of Water & Power R/W, 36.2' Southwest of a L&T. in the most Ely Conc. footing of TRANS. TOWER # 265 II 1 and 4.2' Southwest of a line between the before mentioned L. & T. and another L. & T. in the most Nly Conc. footing for TRANS. Tower # 264 II 8 and buried 24" below Surface.

STATION MARK: Set a standard 4" brass Tablet in conc. down 24" below Surface & Lettered "L.A. County Survey Control System, TRIANGULATION STATION, BELL D2B, 1955, Set by County Surveyor R.E. 63"

REFERENCE MARK NO 1: Set a L.&T. in the most Ely Concrete footing for Trans. Tower # 265 II 1.

REFERENCE MARK NO 2: Set a L.&T. in the most Nly Concrete footing for Trans. Tower # 264 II 8.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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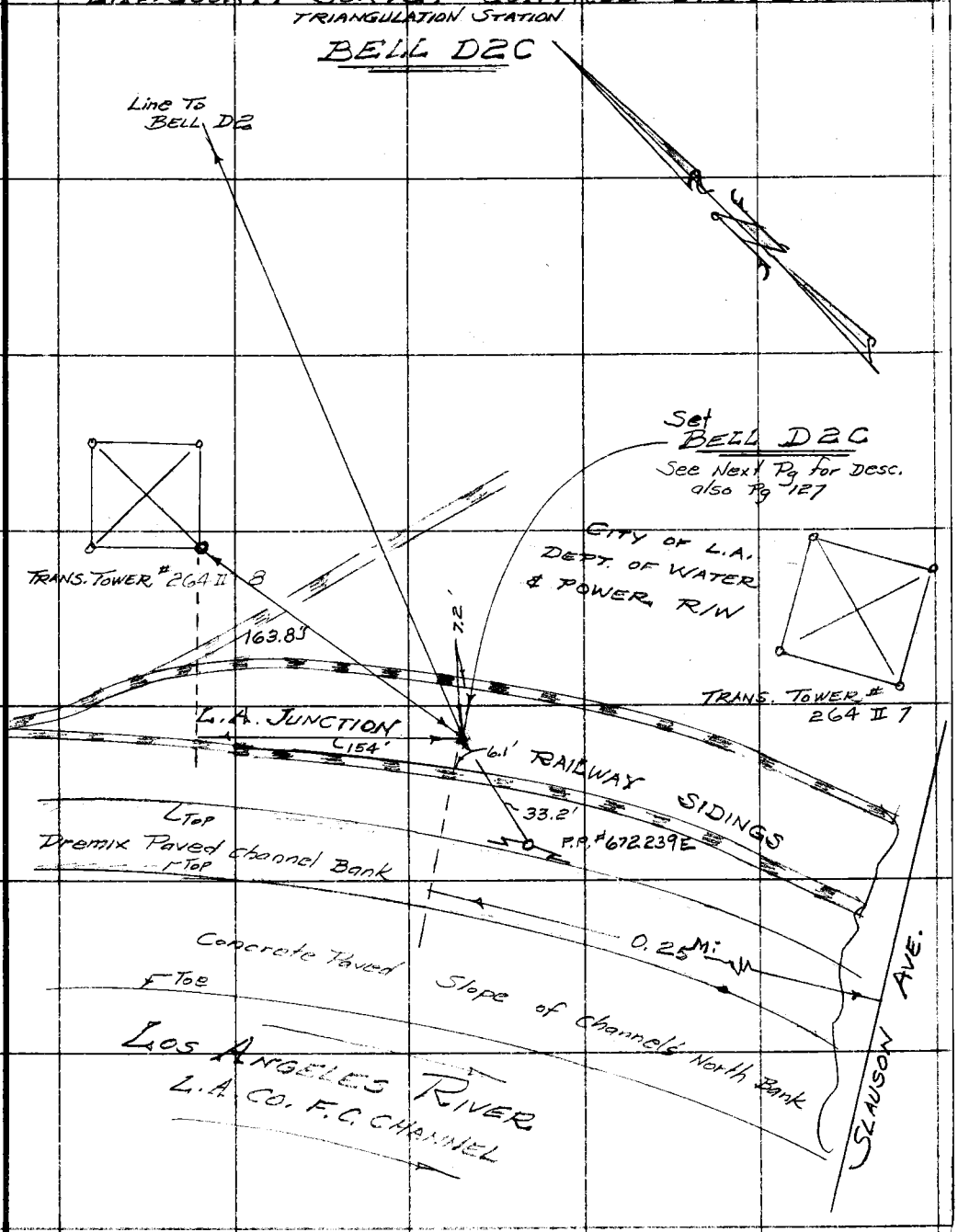
Notes Ck'd by	Survey of Geodetic Control
Map No.	W. O. 8301.00 Tape No. 138 St'd. 84 °F
Office Work	Surveyed by H.R. Stock
Checked	Notes Stock Date 9-1-55
Date	Indexed A. C. Johnson

F. B. 939 Pg. 133

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

BELL D2C



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F9085 247 4-53

F. B. 939 PG. 134

DESCRIPTIONS
BELL D2C

This station is in Los Angeles County, in the Maywood Area between ATLANTIC BLVD & SLAUSON AVE. North of the L.A. River Flood Control Channel, South of the City of L.A. Dept of Water & Power, 163.8' S'ly of the most southerly leg of Trans. Tower # 264 II, 8, 33.2' N'ly of P.P. # 672239 E, 6.1' N.E. of the 2nd rail and 7.2' S.W. of the 3rd rail counting N. Ely. from the river. 1-31-56 (WCB)

STATION MARK: Set a standard 4 inch brass Tablet in conc. dam 24" below surface and Lettered "L.A. COUNTY SURVEY CONTROL SYSTEM, TRIANGULATION STATION, BELL D2C, 1955, Set by L.A. COUNTY SURVEY OR, R.E. 63".

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

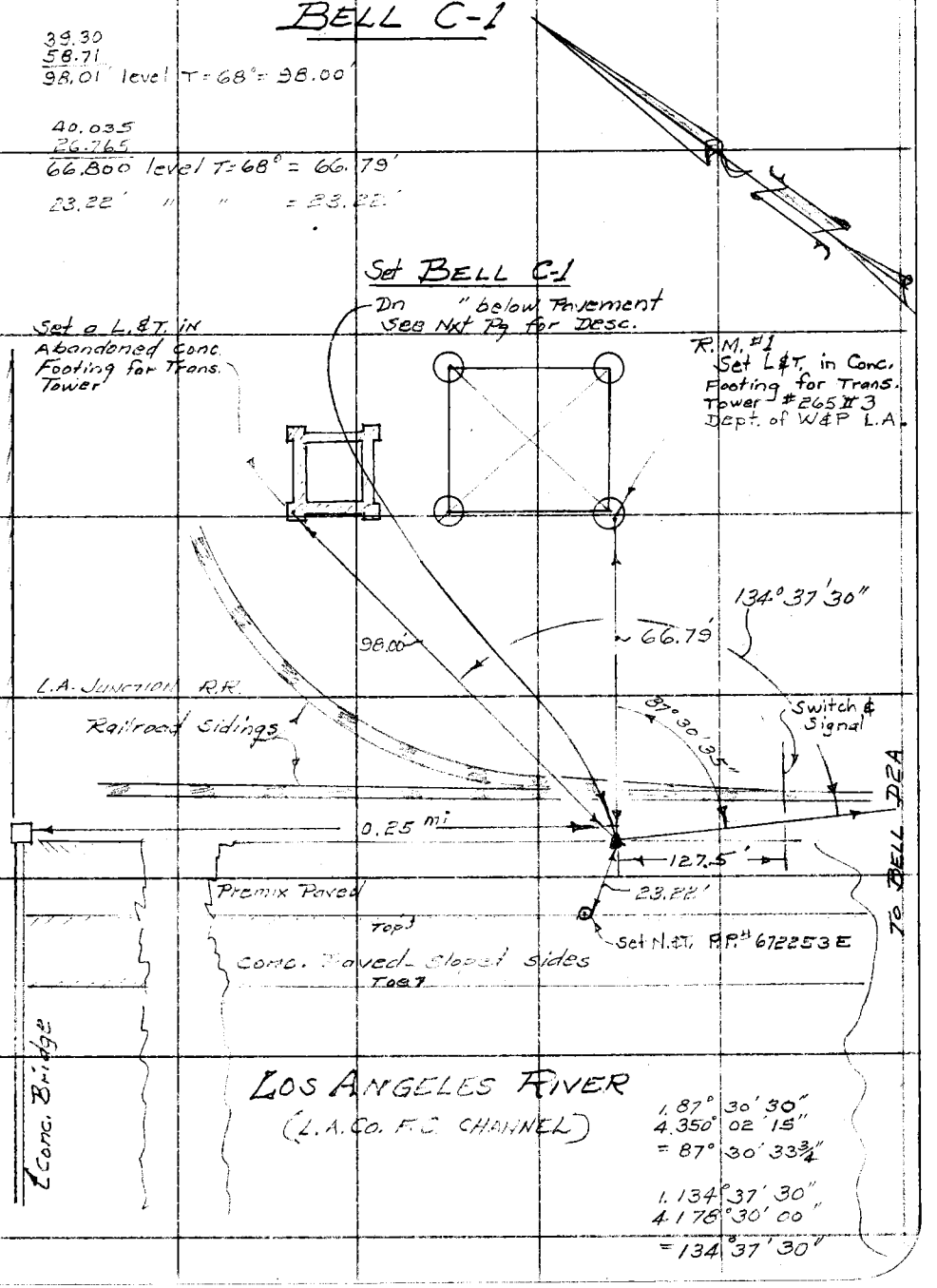
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 138 St'd. 84 °F
Office Work	Surveyed by HAROLD R. STOCK
Checked	Notes H.R.S. Date 9-1-55
Date	Indexed A. C. Johnson

F. B. 939 PG. 135

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

BELL C-1



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S 247 4-53

F.B. 939 PG. 136

DESCRIPTION
TRAVERSE STATION
BELL C-1

This Station is in Los Angeles County, in the Maywood Area, at the northerly edge of the L.A.Co. F.C. R/W, 0.25 Mi. SEly measured parallel to nly edge of premix Paved North bank of River from the Ely face of N.Ely Bridge Abutement of the ATLANTIC BLVD. Bridge at the north edge of Pavement & Buried 21" below Pavement grade.

STATION MARK: Set a std. 4 inch Brass Reference Mark in Concrete down below surface & Lettered "L.A.Co. Surv. Cont. Sys. Ref. Mark, TRAV. STA. BELL C-1, 1955, Set by Co. Surv. R.E. 63."

SUB SURFACE MARK: None Set.

REFERENCE MARK NO 1: Set a L.S.T. in most southerly Concrete footing of TRANS. TOWER # 265 II 3.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

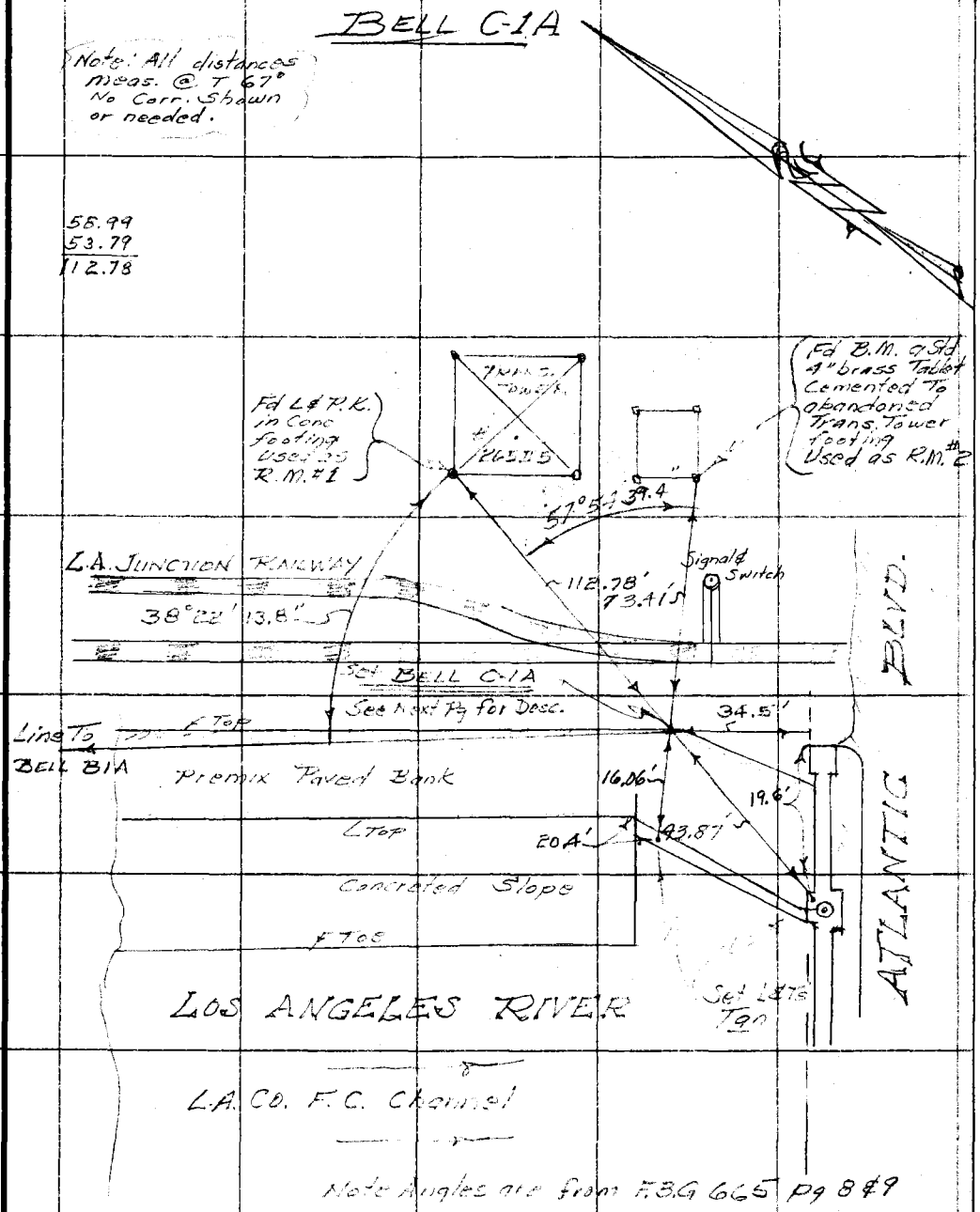
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. O. 0301.00 Tape No. 0162 St'd. 68 °F
Office Work	Surveyed by H.R. STOCK
Checked	Notes H.R.S. Date 9-2-55
Date	Indexed A. C. Johnson

F. B. 939 PG. 137V

L.A. CO. SURVEY CONTROL SYSTEM

TRAVERSE STATION

BELL C-1A



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3093 247 4-53

F.B. 939 PG. 138

DESCRIPTION
(TRAVERSE STATION)

BELL C-1A

This station is in Los Angeles County in the Maywood Area at the north edge of the Los Angeles River (L.A.Co F.C. R/W), 34.5' NWly from the NWly Bridge Abutement (Wly face) of the ATLANTIC BLVD Bridge Flush with the Paved Bank.

STATION MARK: Found a standard 4" brass F.C. R/W Mark set in Concrete flush & Lettered "Los Angeles County Flood Control District, $500 Fine for Disturbing This Mark, R/W P.O.T. 6-50."

REFERENCE MARK No 1: Found a Lead & (P.K.) Cement nail Stamped "P.K." also Punch Marked in Conc. footing of Trans. Tower # 265 I 5

REFERENCE MARK No 2: Found a Standard 4" brass Tablet Lettered "Los Angeles [illegible] [illegible] This Mark", B.M. 7-21" [illegible] of abandoned Conc. footing.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

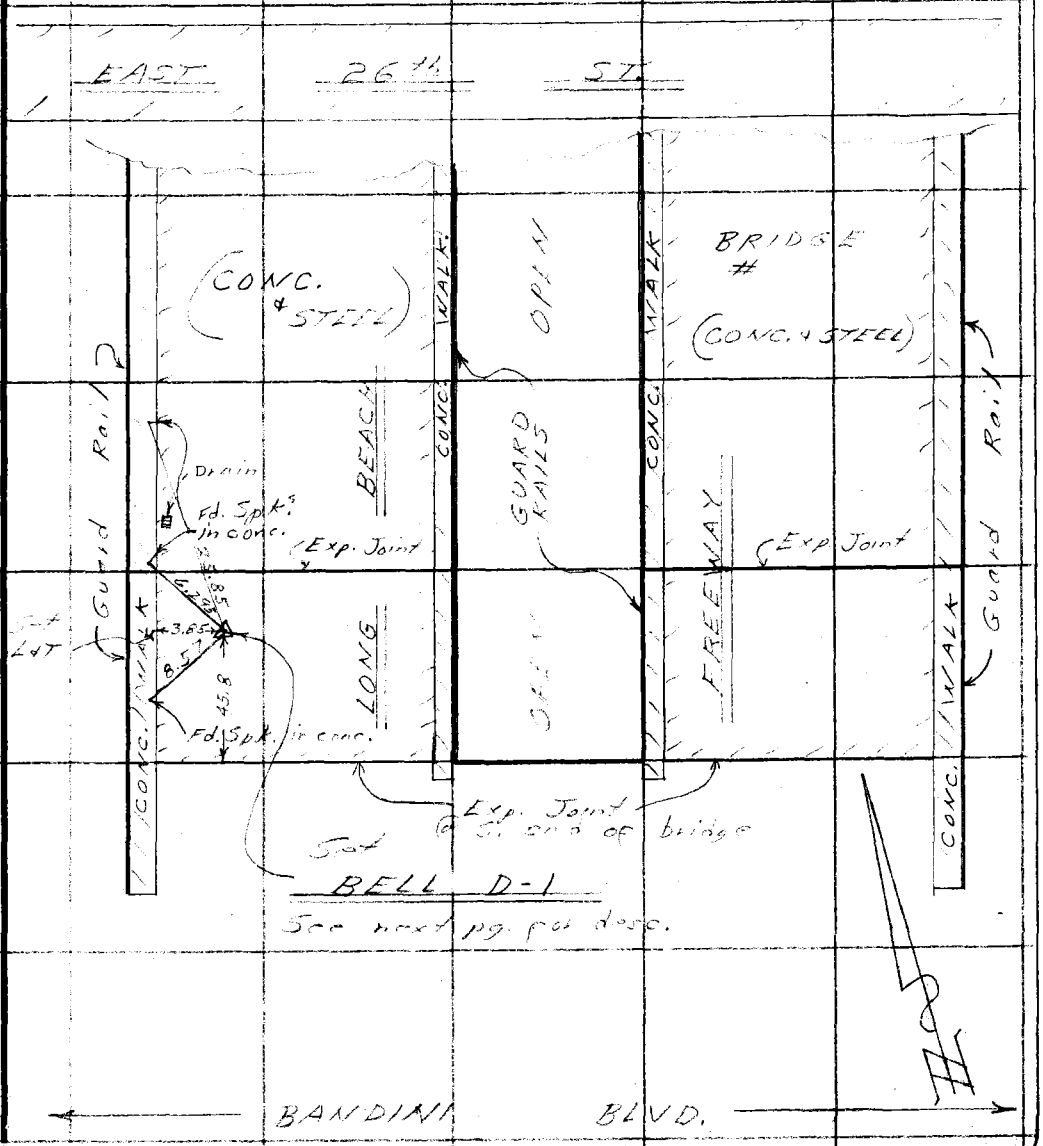
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	W. 8301.09 Tape No. 088 St'd. 68 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes W. D. B. Date 9.15.55
Date	Indexed A. C. Johnson

F. B. 939 PG. 139

L.A. COUNTY SURVEY CONTROL SYSTEM

TRIANGULATION STATION

BELL D-1



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

F.B. 939 PG. 140

— DESCRIPTIONS —

BELL D-1

THIS station is in LOS ANGELES COUNTY, in the EAST LOS ANGELES area, on the W. section of bridge #53-840 R of the LONG BEACH FREEWAY, 0.25 mi.± S. of WASHINGTON BLVD. & 0.2 mi.± W. of ATLANTIC BLVD.

STATION MARK: Set a s/d. 4" brass tablet, flush, in conc. pavement of bridge, 3.6' E. of W. curb & 45.8' N. of S. end of bridge, marked "L.A. COUNTY SURVEY CONTROL SYSTEM, TRIANGULATION STATION, BELL D-1, 1955, R.E. 63."

SUB-SURFACE MARK: NONE

REFERENCE MARK: NONE

RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
ENGINEERING BLDG.
Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 0136 Std 68 °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 5-25-60
Date	Indexed E. C. J[illegible] 6-9-60

F. B. 939 PG. 141

ADDITIONAL R.M.S. S.P. HILLS I-6

① 101 04 30
④ 44 18 10
101 04 32½
⑥ 246 27 20
101 04 33⅓

① 94 53 40

④ 19 34 40
4 53 40
⑥ 209 21 50
94 53 38⅓

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

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

76309S CE #247—7-53

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.

F. B. _____ PG. _____

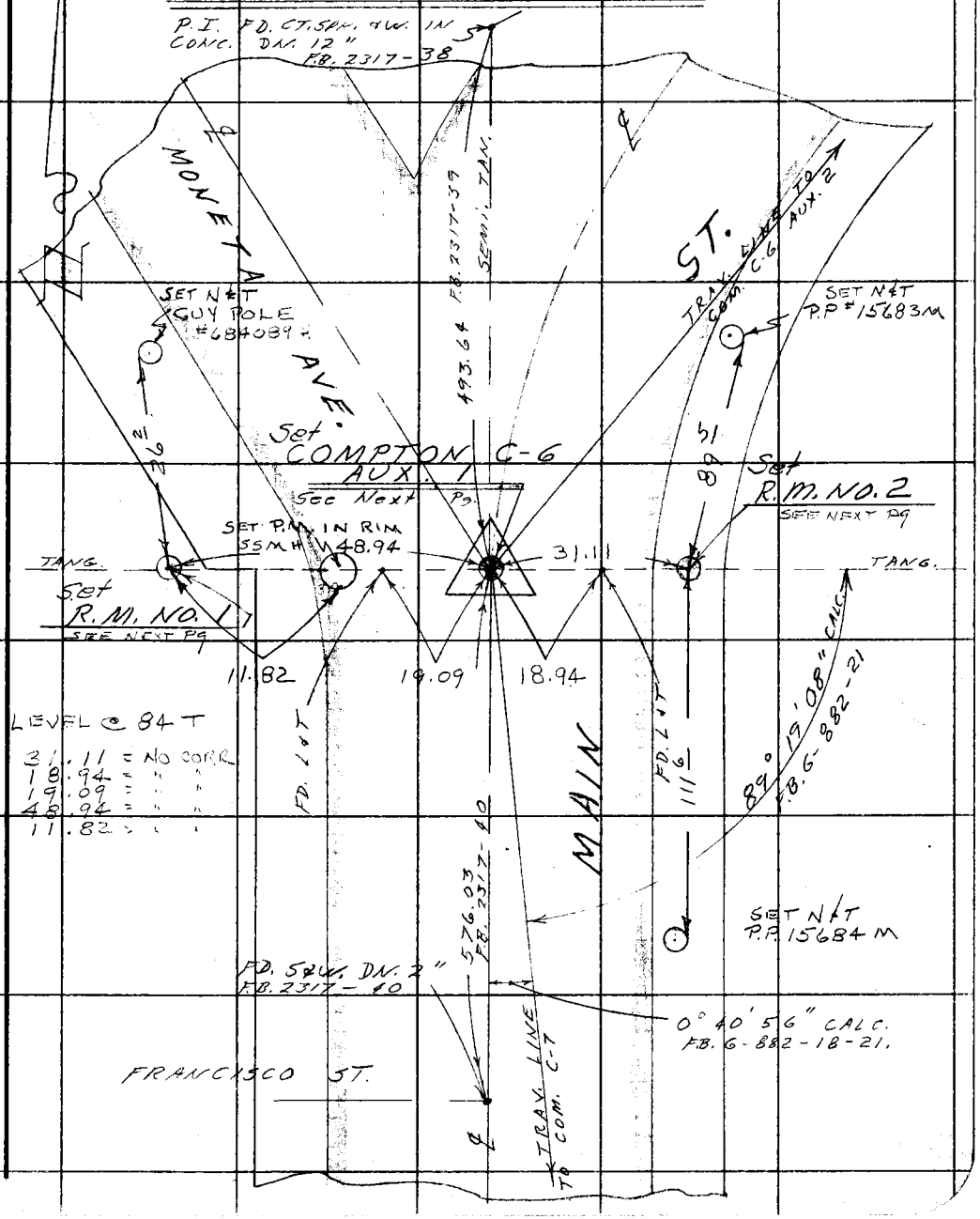
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 144 Std. 84 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes BAY Date 5-19-60
Date	Indexed E. C. Johnson 6-9-60

F. B. 939 PG. 143

L. A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

COMPTON C-6 AUX. 1



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.

763095 CE #247 7-53

F. B. 939 PG. 144

— DESCRIPTIONS —
COMPTON C-6, AUX. 1

THIS STATION IS IN L. A. COUNTY, IN THE WEST DOMINGUEZ AREA, AND IS THE E INTR. OF MAIN ST. AND MONETA AVE.

STATION MARK: A CUT SPIKE AND WASHER DN. 2" PER F.B. 2317-39 FD. 0.0 ± W. OF LINE WAS REMOVED AND REPLACED WITH A STD. 4" BRASS TRAV. STD. CAP IN CONC. (ON LINE) AND STAMPED "COMPTON C-6, AUX. 1, 1960 L.A. CO. ENGR. R.E. 5869" DN. 9" IN A WELL WITH A STD. CO. ENGR. COVER.

REFERENCE MARKS NO. 1 & 2: SET STD. 4" BRASS R.M. CAPS IN CONC. DN. 12" & 18" RESPECTIVELY AND STAMPED "COMPTON C-6 AUX. 1, R.M. 1 & 2 (RESP.) 1960, L.A. CO. ENGR., R.E. 5869".

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

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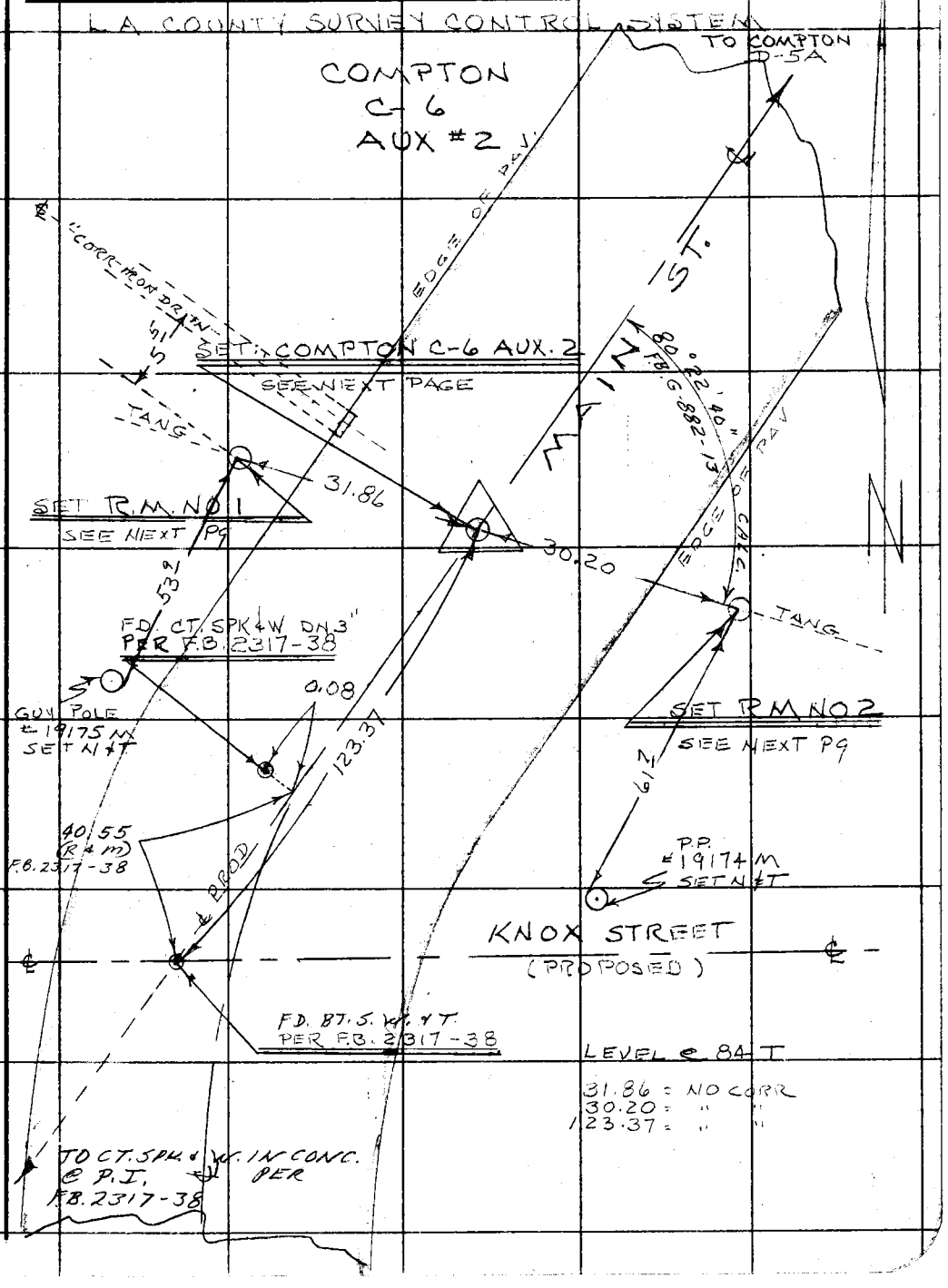
Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 144 Std. 84 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes R. D. SMITH Date 5-26-60
Date	Indexed A. C. Johnson

F. B. 939 PG. 145



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

763099 CE #247—7-59

F. B. 939 PG. 146

DESCRIPTIONS
COMPTON
C-6
AUX # 2

THIS STATION IS IN L.A. COUNTY IN THE WEST DOMINGUES AREA AND IS ON THE ℄ OF MAIN ST. 123.37 FT. NORTHERLY OF THE ℄ INT. OF MAIN ST. AND KNOX ST. (PROPOSED) IN A WELL PROTECTED BY A CAST IRON COVER.

STATION MARK: SET STD 4" BRASS TRAV. CAP IN CONC. AND STAMPED "COMPTON C-6 AUX 2 1960 L.A. CO. ENGR. R.E 5869" DN. 9".

REFERENCE MARK NO 1 & 2: SET STD. 4" BRASS CAPS IN CONC. DN 24 7/8" BELOW ST. (RESPECTIVELY) AND STAMPED "COMPTON C-6, AUX. 2, R.M. 1 & 2 (RESPECTIVELY) 1960 L.A. CO ENGR. R.E 5869."

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 0162 Std. 68 °F
Office Work	Surveyed by W. D. BAY
Checked	Notes BAY Date 5-3-'60
Date	Indexed C. Johnson

F. B. 939 PG. 147

COMPTON B-7
ECC. NO. 1

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

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

(1) 92-32-30
(4) 10-09-40
(6) 195-14-10
= 92-32-26 2/3

AVE. ℄

(CONC. PVMT.)

30'

FD.
COMPTON B-7
F.B. 925-121, 122.

TO "COMPTON A-7"

92°32'25"

87°17'10"

8.95

TO "COMPTON C-7"

SET ECC. #1
SQ. HD. 5/8 x 4"

(1) 87-17-20
(4) 319-08-50
87-17-12 1/2
(6) 163-43-10
= 87-17-11 2/3

DIST. MEAS. LEVEL @ T = 70°
8.95 = 8.95

METRIC CK.
2.728 M. = 8.95

VERMONT

769095 CE #247—7-59

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F.B. 9339 PG. 148

Notes Ck'd by	Survey of
Map No.	JN Tape 0174 Std 68 °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed C. J. GALLI AUG 31 '62

F. B. 939 PG. 149

JN 0301.00

GEODETIC CONTROL

RECOVERY OF

COMPTON H-4-A

for

PERPETUATION of SAME

Mankey Jr.
McCall
Swann
Mankey

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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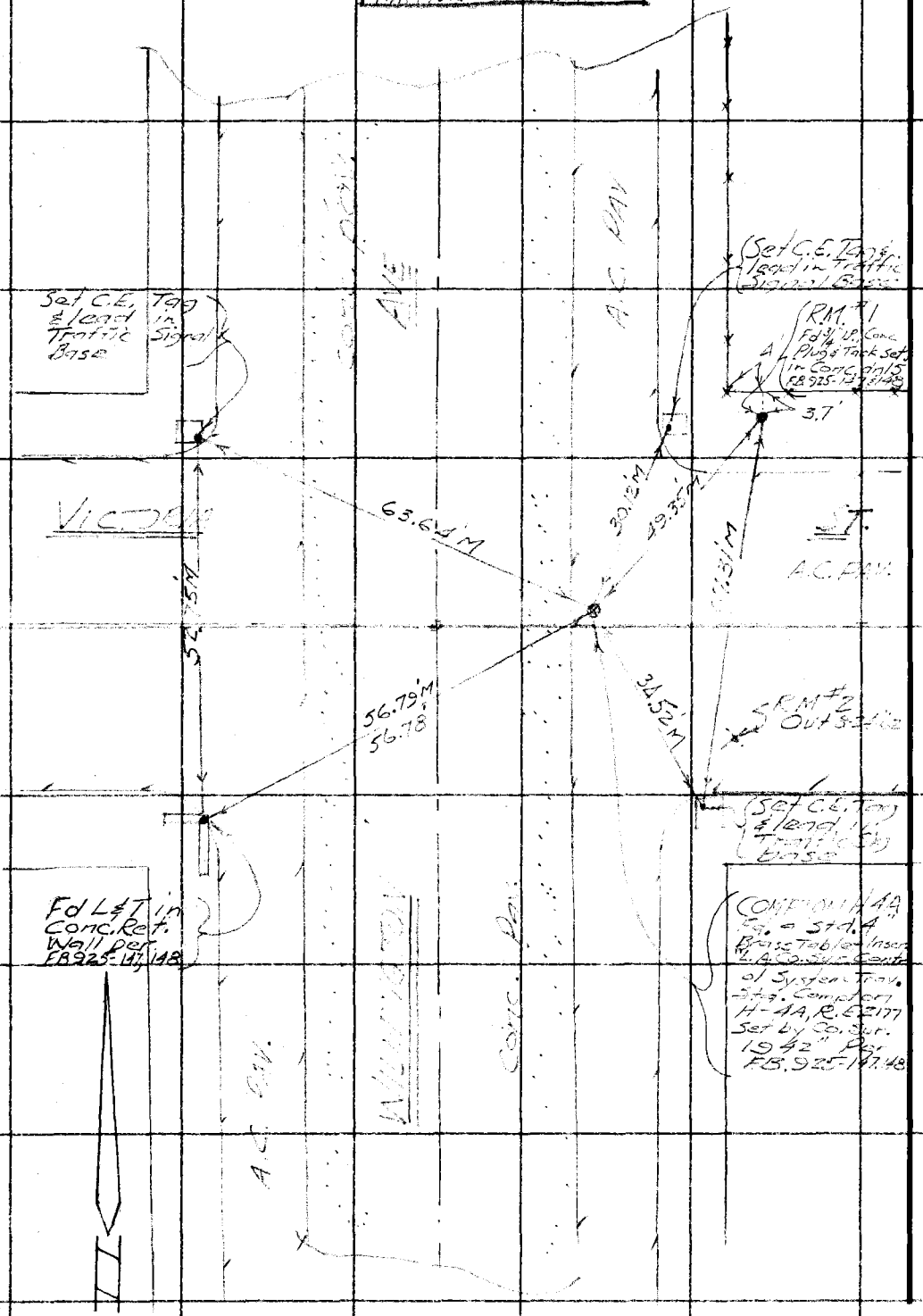
76F309S CE # 310 3-61

F. B. 939 PG. 150

SEE FB. 3174-125, 191 FOR ADDITIONAL INFORMATION



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403 Los Angeles County Engineering Bldg.

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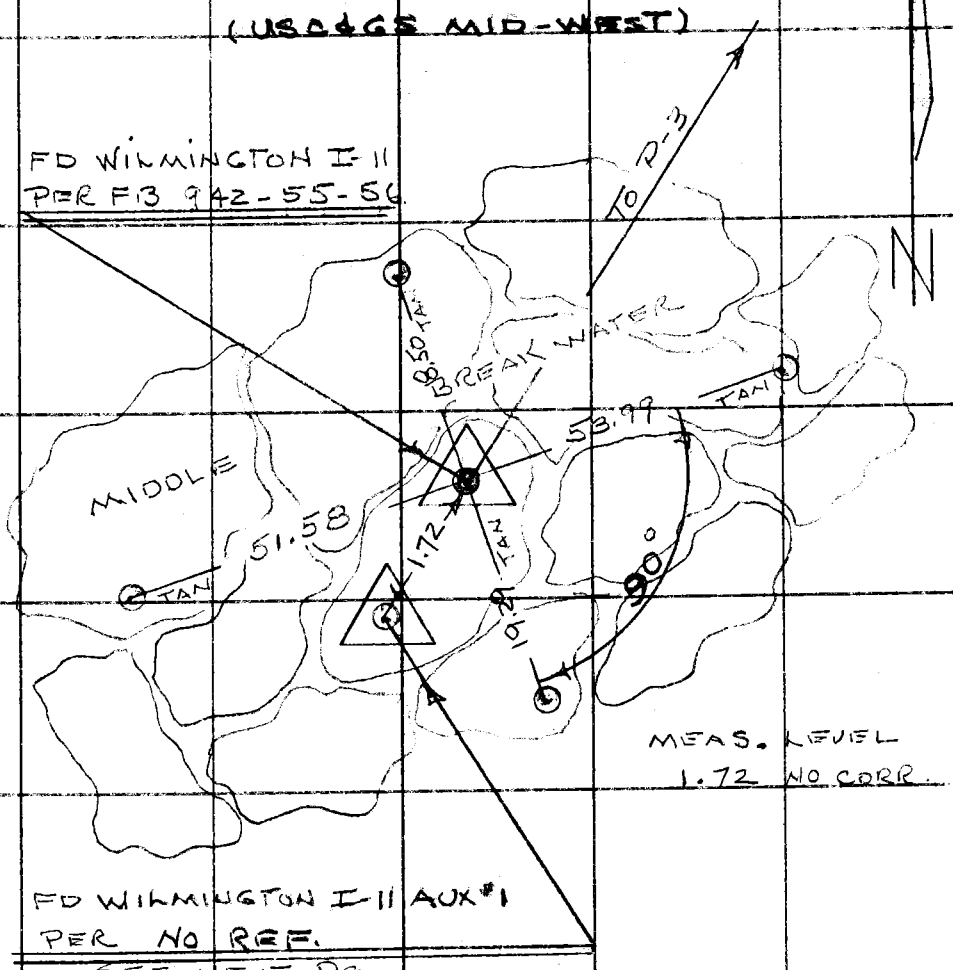
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.B SUBSIDENCE
Map No.	JN0301.01 Tape 0106 Std 84 °F
Office Work	Surveyed by A C GUIZADO
Checked	Notes R D SMITH Date 7-24-63
Date	Indexed J. GALLI AUG 1 2 63

F. B. 939 PG. 151

L A COUNTY SURVEY CONTROL SYSTEM
TRIANGULATION
STATION
WILMINGTON I-11
AUX #1
(USC&GS MID-WEST)



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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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76F3095 CE #310 6-62

F. B. 939 PG. 152

DESCRIPTION
TRIANGULATION
STATION
WILMINGTON I-11
AUX # 1

THIS STATION IS IN LOS ANGELES COUNTY IN THE LONG BEACH HARBOR ON THE OUTER BREAK-WATER IN A LARGE GRANITE ROCK 01.72' ON A LINE PRODUCED SOUTHWESTERLY FROM TRI. STA. P-3

STATION MARK FD. A STD ENGR TAG & NAIL IN LEAD IN A LARGE GRANITE ROCK. STAMPED "AUX #1" NO REF.

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403 Los Angeles County Engineering Bldg.

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape 106 Std 84 °F
Office Work	Surveyed by AC GUIZADO
Checked	Notes ACG Date 7/24/67
Date	Indexed C. J. GALLI AUG 12

F. B. 934 PG. 153

JOB NO 0301.00

GEODETIC CONTROL

MEASUREMENT
BETWEEN WILMINGTON
L-10 & WILMINGTON K-10

REF FB942
GEODETIC

GUIZADO	AC
SMITH	SD
GLIDDEN	RD
LYBRAND	JW
GUIZADO	GO

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

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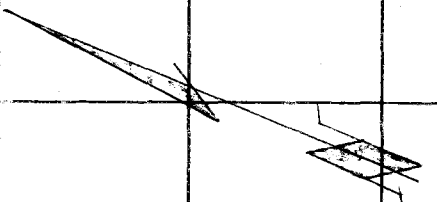
403 Los Angeles County Engineering Bldg.

76F3095 CE #310 6-62

F. B. 939 PG. 154



300' Band tape #0106
Tension = 100 : 19½"
200 : 30½"
300 : 40"

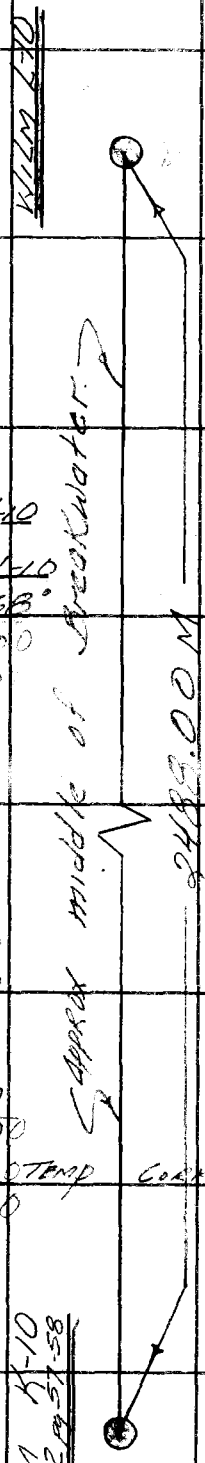
WILM L-10
TO
WILM K-10
AVG T = 67°

200.000	
200.00	
200.00	
200.00	
200.00	
200.00	
200.00	
195.00	
200.00	
199.00	
200.00	
200.00	
94235	
2488.235	
- .275	Temp Corr
2487.960	

WILM K-10
TO
WILM L-10
AVG T = 68°

200.000	
200.00	
199.00	
200.00	
200.00	
200.00	
200.00	
200.00	
200.00	
200.00	
200.00	
200.00	
84.30	
2488.300	
- .260	Temp Corr
2488.040	

AVG DIST = 2488.00 ft



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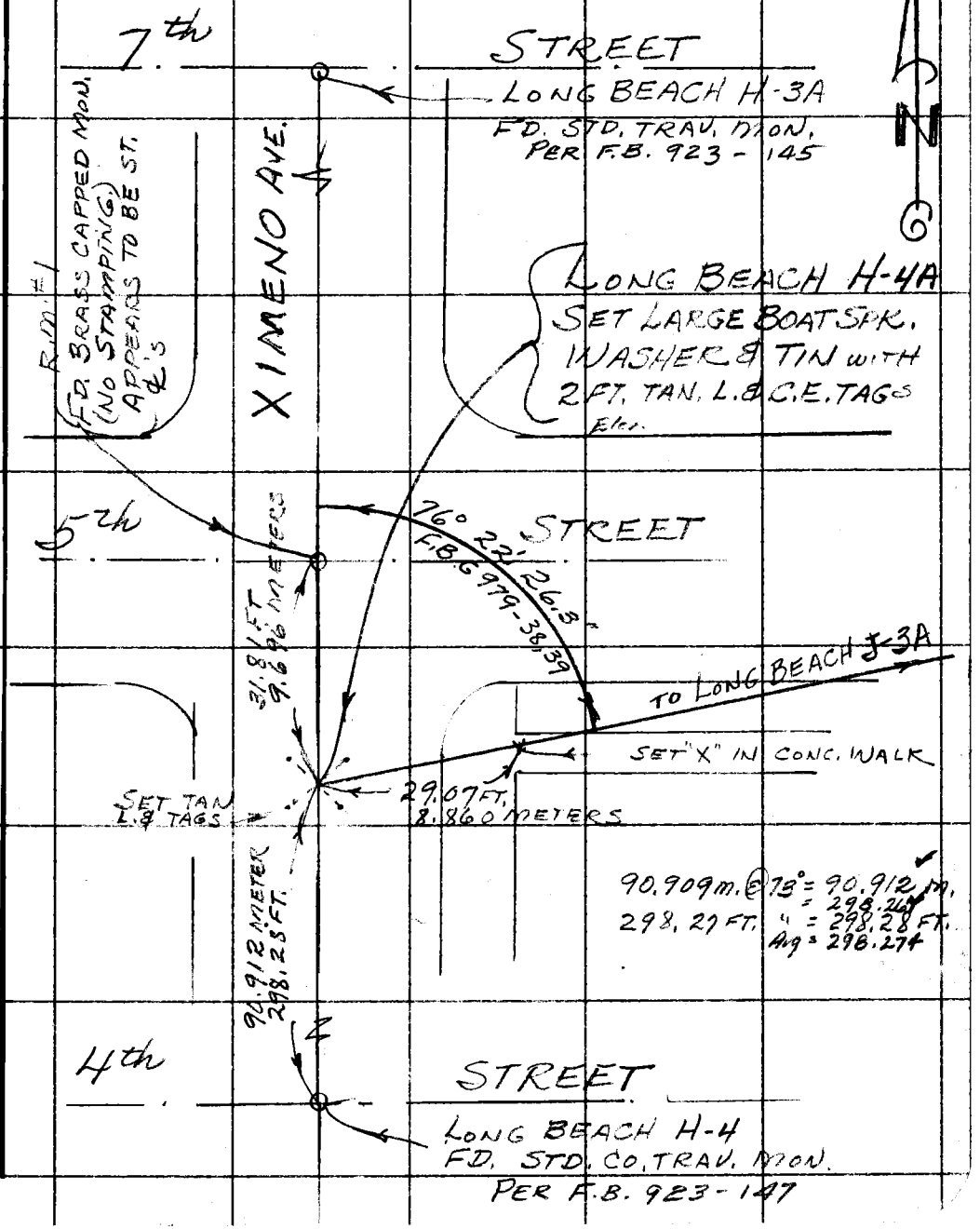
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of LONG BEACH SUB.
Map No.	JN 0301.01 Tape M-3 5.30 Std 68 °F
Office Work	Surveyed by G.E. DOBIER
Checked	Notes G.E.D. Date 7-23-63
Date	Indexed C. J. GALLI AUG 9 '63

F. B. 939 PG. 155

L.A. CO. SURVEY CONTROL SYSTEM TRAV.

STATION LONG BEACH H-4A



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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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76F309S CE # 310 3-61

F. B. 939 PG. 156

TRAVERSE STATION
LONG BEACH H-4A

THIS STATION IS IN LOS ANGELES COUNTY, CITY OF LONG BEACH, 31.81 FT. SLY FROM ℄ INTERSECTION OF XIMENO AVE AND 5TH ST. ON LINE BETWEEN TRAV. STATIONS L.B. H-4 AND L.B. H-3A

STATION MARK: SET A LARGE BOAT SPK. AND TIN IN CONC. PAVEMENT JOINT WITH 2.00 FT. L. & C.E. TAG TAN TIES.

REF. MK. 1: [illegible] CAP STAMPED WITH PUNCH MARK UNDER CITY CAST IRON COVER APPEARS TO BE ℄ INTERSECTION.

SET CHISLED "X" ON LINE 29.07 FT. TOWARD TRIANGULATION STATION L.B. J-3A

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403 Los Angeles County Engineering Bldg.
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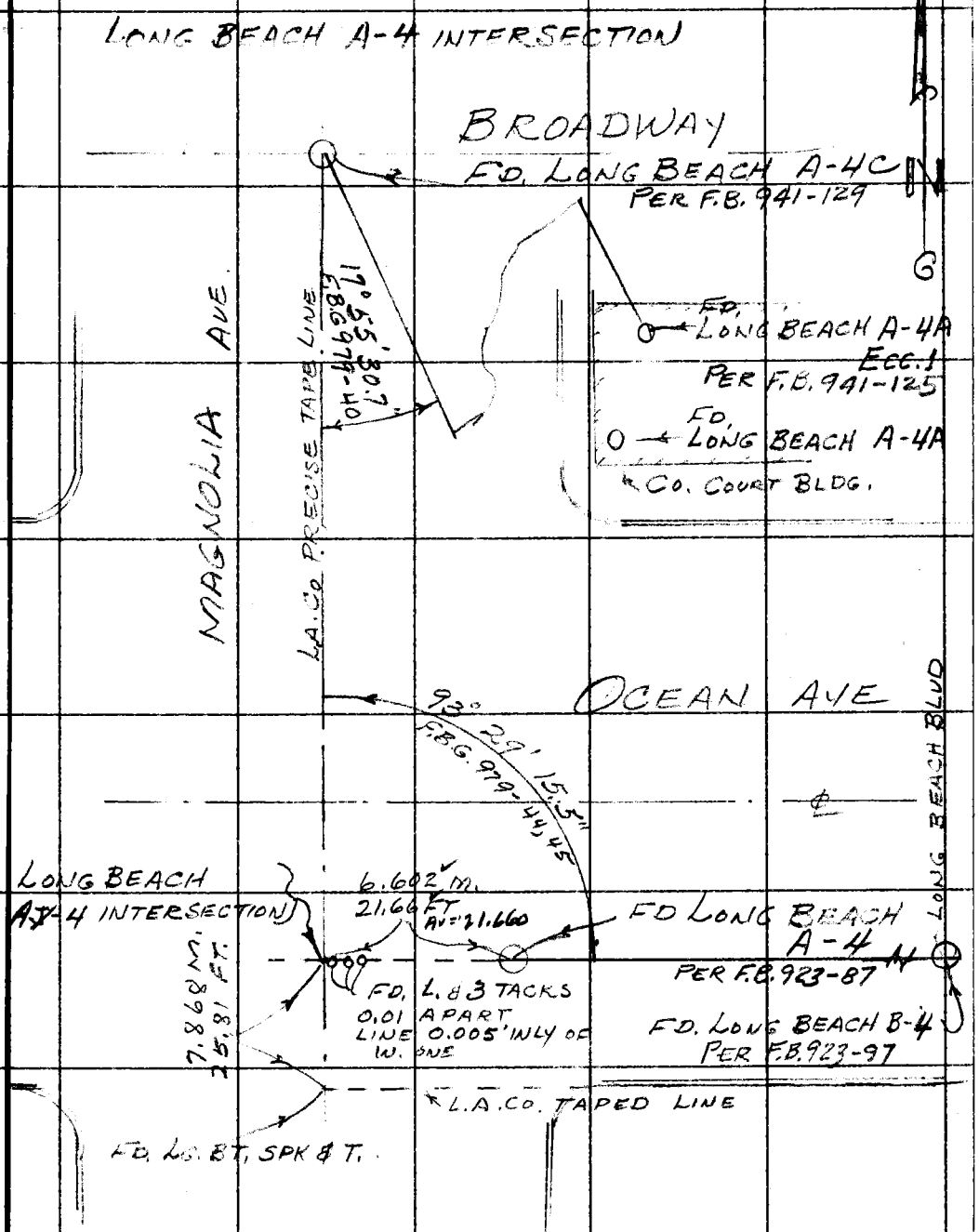
Notes Ck'd by	Survey of LONG BEACH SUB.
Map No.	JN 0301.01 Tape 0130 Std 68 °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 8-6-68
Date	Indexed C. J. GALLI

F. B. 939 PG. 157



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

76F309S CE # 310 3-61

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F. B. 939 PG 158

Notes Ck'd by	Survey of Geodetic Control
Map No.	JN 030100 Tape Std °F
Office Work	Surveyed by AC Guizado
Checked	Notes ACG Date Nov. '63
Date	Indexed C. J. GAIN DEC 1 '63

F. B. 939 PG. 159

JOB NO 030100

GEODETIC CONTROL

PRECISE TRAVERSE BETWEEN
SAN PEDRO HILLS M-7 &
L-1-ECC 4, 2, 1, 65

SEE FB T-177 pg 1-11
" " 9-1009 pg 1-14

Guizado	AC
Wilks	DL
Glogen	RD
Valdez	EG
Smith	N

Lind	CK
Maldonado	J
Martinez	M
Rodriguez	RR
Ohashi	T

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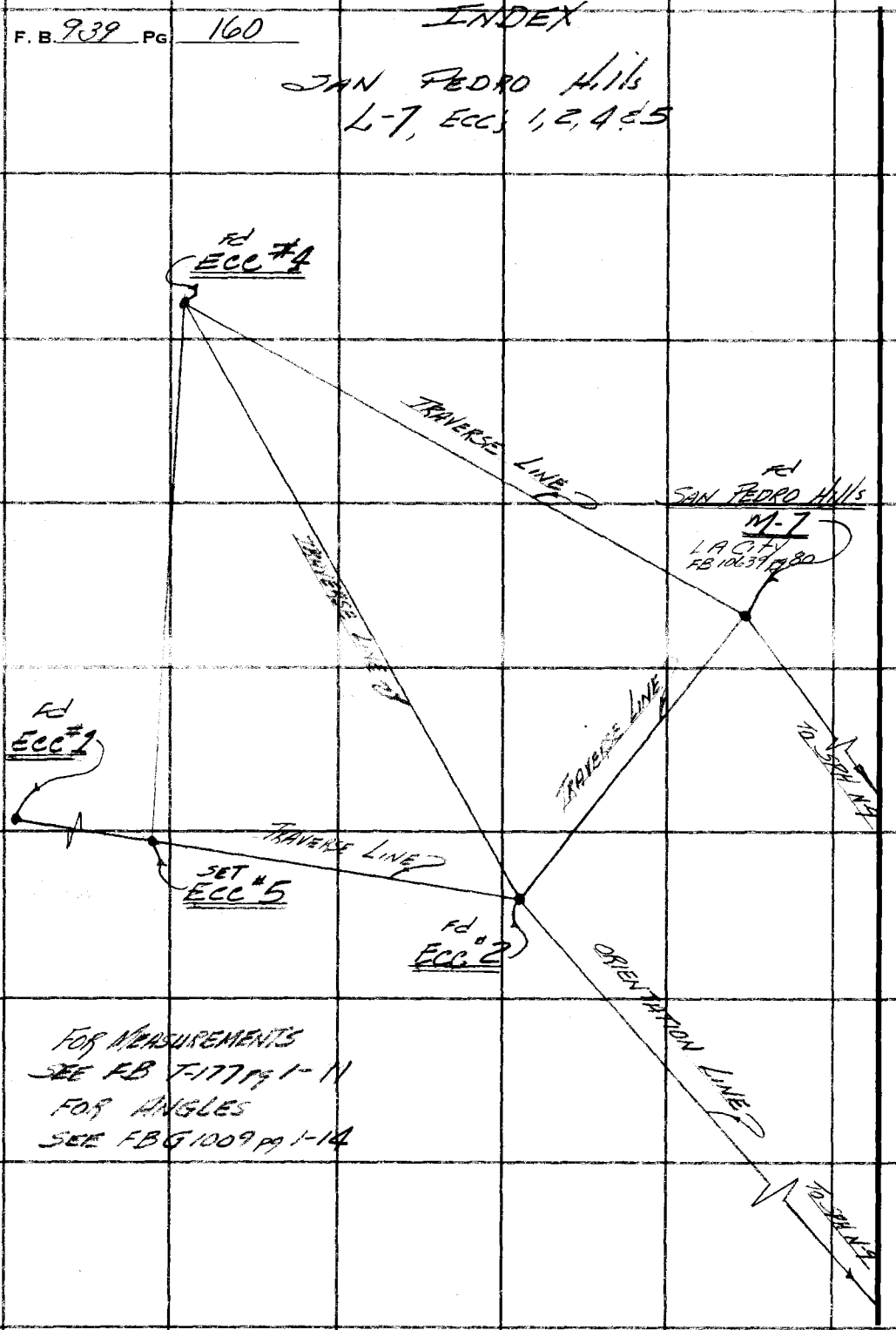
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.

76F305 CE #310 6-62

F. B. 939 PG. 160

INDEX

SAN PEDRO Hills
L-7, ECC's 1, 2, 4 & 5



FOR MEASUREMENTS
SEE FB T-1777 pg 1-11
FOR ANGLES
SEE FB G1009 pg 1-14

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403 Los Angeles County Engineering Bldg.
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San Pedro Hills

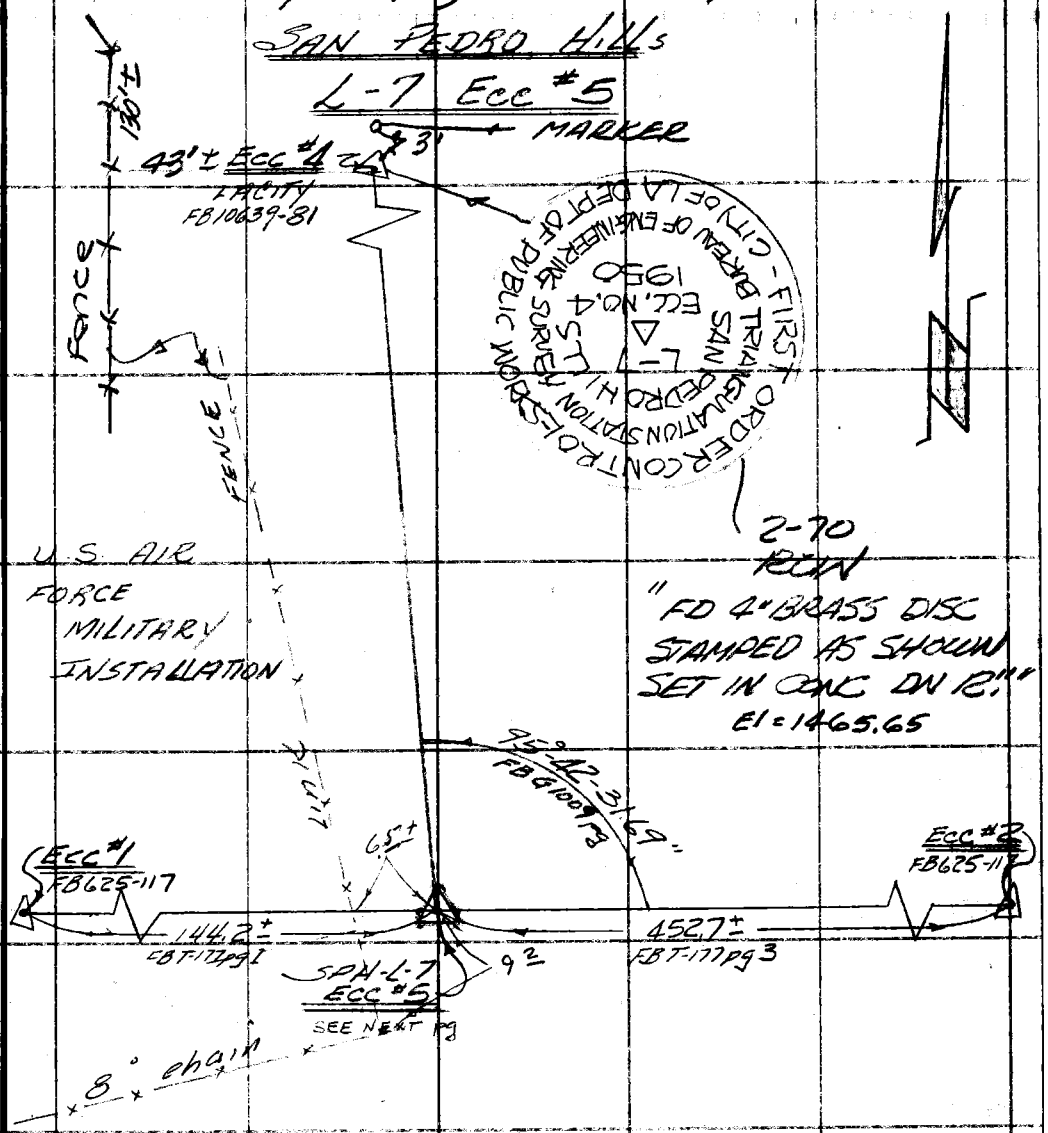
Notes Ck'd by	Survey of Geodetic Control
Map No.	JN 0301.00 Tape ____ Std ____ °F
Office Work	Surveyed by AC Guisado
Checked	Notes ACG Date 11/26/63
Date	Indexed C. J. Gall

F. B. 939 PG. 161

LA COUNTY SURVEY CONTROL SYSTEM

SAN PEDRO HILLS

L-7 Ecc #5



Ecc # 6
" 4
" 5
Recovered 11-2-79
Good cond. J.W.L.

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

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

Do not extend this side of this line.

76F309S CE #310 6-62

F. B. 939 PG. 162

San Pedro Hills
L-7 ECC #5

THIS STATION IS IN THE COUNTY OF LOS ANGELES, SAN PEDRO AREA, ABOUT 4 MILES WESTERLY FROM SAN PEDRO HARBOR & ON SAN PEDRO HILL. IT MAY BE REACHED FROM THE INTERSECTION OF PALOS VERDES DRIVE EAST & CREST RD BY GOING N'WLY ALONG CREST RD APPROX 1.50 MILES, TO ENTRANCE OF MILITARY INSTALLATION, THEN HIKE UP HILL ALONG SIDE OF FENCE TO APPROX TOP OF HILL & STA. DN 8"

STATION MARK: SET A 2" BRASS CAP PRECAST MONUMENT STAMPED "SPH L-7 ECC #5 RE 5869, 1963" DOWN 8" WITH A 5/8 YELLOW MARKER PIPE 3.5 FT NE OF STA, ON LINE BETWEEN ECC'S 164

B.M.: NONE SET

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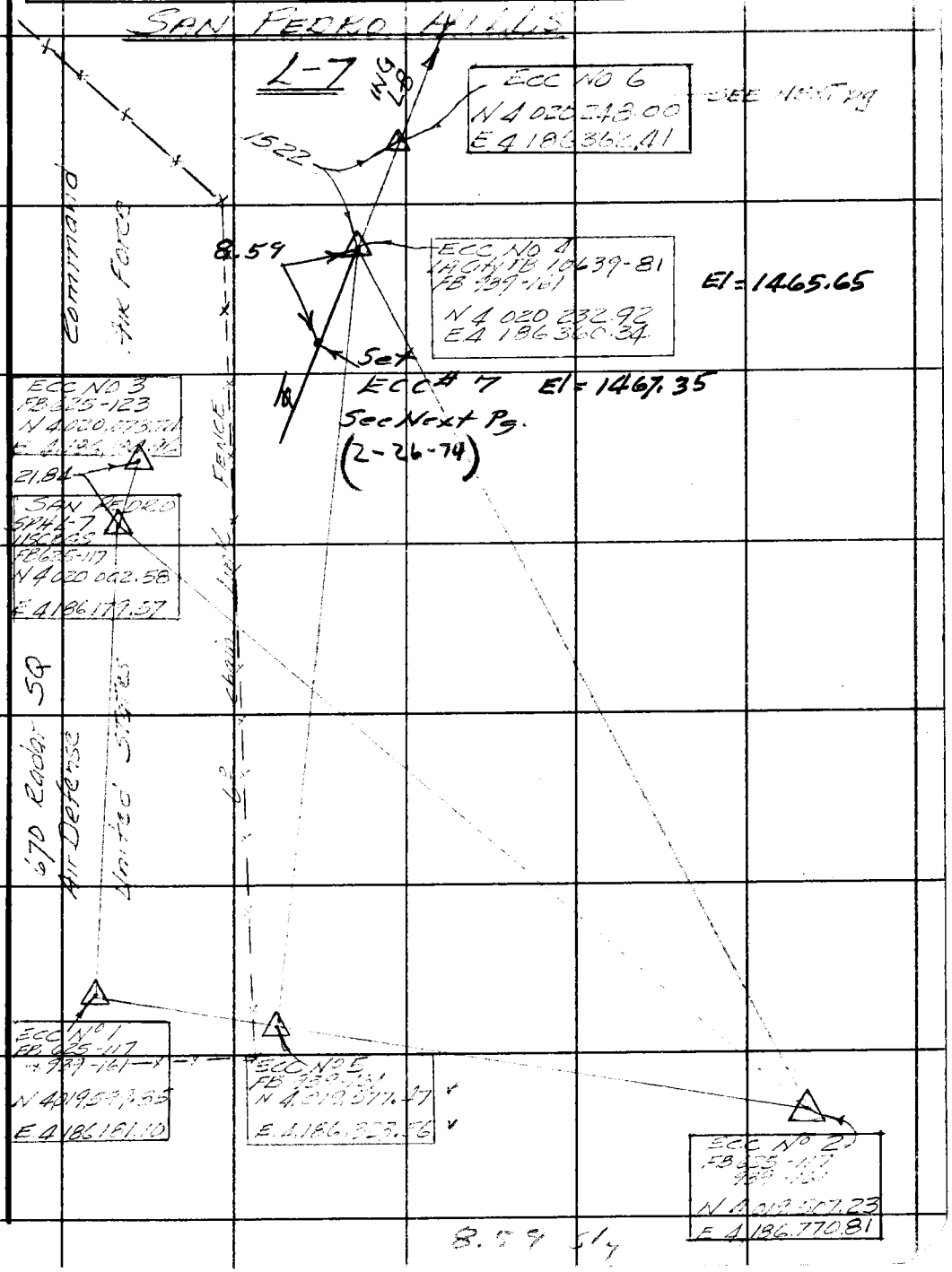
Notes Ck'd by	Survey of Geodetic Control
Map No.	JN [illegible] Tape Std °F
Office Work	Surveyed by [illegible]
Checked	Notes [illegible] Date 5/1/64
Date	Indexed

F. B. 739 PG. 103



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76F3095 CE #310 6-63

F. B. 939 PG. 164

San Pedro Hills

L-7

ECC's 1, 2, 3, 4, 5, & 6

THESE STATIONS ARE IN THE COUNTY OF LOS ANGELES, SAN PEDRO AREA. Approx. 4° MILES W'ly FROM San Pedro Harbor & on San Pedro Hill.

To Reach These Stations from the intersection of [illegible] Dr. East & Crest Road (at [illegible] Entrance) drive N'wly along Crest Road 1.50 mi. to [illegible] Military Installation (670 # Radar SQ USAF) Proceed on foot approx 400 ft up Hill along [illegible] of [illegible] Stations

ECC #6 Set a 2" Iron Pipe, Concrete plug & [illegible] Tag Mkd "L.R. Co. Engr" Down approx 18" in cultivated field & is on line between Inglewood L-8 "Denker" & SPH L-7 Ecc. #4

ECC #7 Flush. A 1" x 2" Stk. + Nail

Wilson 2-26-'74

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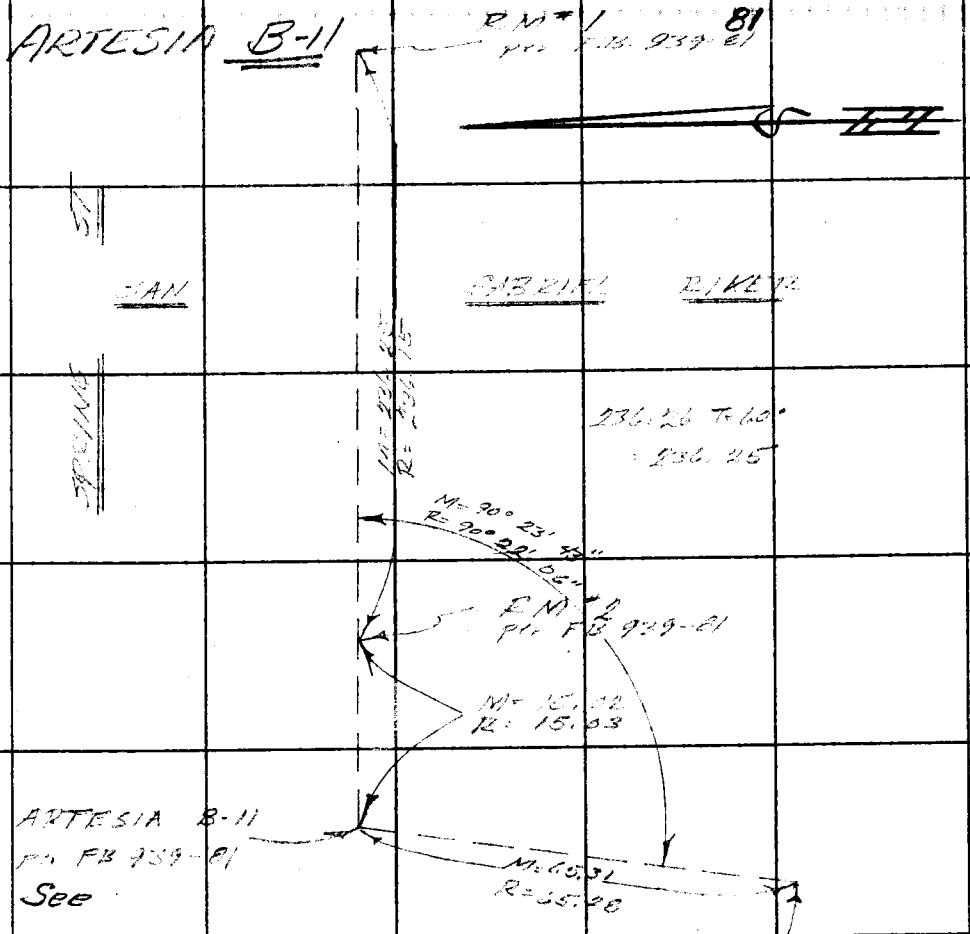
Notes Ck'd by	Survey of GEODETIC Control
Map No.	JN 3301.00 Tape 2226 Std 68 °F
Office Work	Surveyed by FE Brooks
Checked	Notes FEB Date 22 Nov 1964
Date	Indexed C. J. GALLI JUN '64

F. B. 939 PG. 165

PRE-CONSTRUCTION REFERENCES

ARTESIA B-11



1) 90-23-30
4) 1-34-50
90-23-42 1/2
6) 182-22-20
90-23-43 1/3

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76F309S CE #310 6-62

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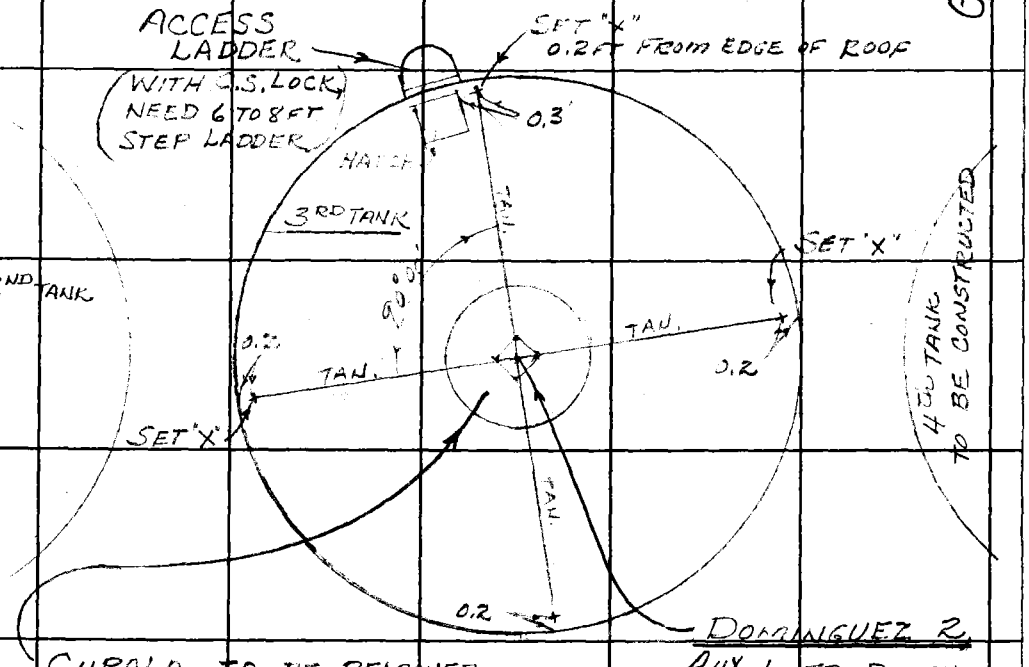
F. B. 939 PG. 166

Notes Ck'd by	Survey of VICTORIA ST.
Map No.	JN 2075.37 Tape Std °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 3-9-65
Date	Indexed C. J. GALLENTZ

F. B. 939 PG. 167

L.A.CO. SURVEY CONTROL SYSTEM TRIANGULATION
(Quad Designation is Compton I-5 Aux 1)
DOMINGUEZ 2 AUX. 1

(E. SIDE OF WILMINGTON AVE ABOUT 0.1 MI. S. OF VICTORIA ST)



CUPOLA TO BE REMOVED AND ROOF HOLE CLOSED. NO ALTERATION PLANNED FOR REST OF ROOF.

DOMINGUEZ 2, AUX, 1, FD. PUNCH MARK IN 12"x12" STEEL PLATE WELDED TO TOP OF 8" I.P. 3 2 FT ABOVE ROOF OF CUPOLA, ABOUT 7 FT. ABOVE MAIN ROOF.

F.B. 737-83

Noted on Map Index Card
Placed on Map Index Card
Placed on Sketch Index Card
Sketch on Map Index Card

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76F309S CE #310 6-63

BLANK.

F. B. 939 PG. 168

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Notes Ck'd by	Survey of GEODETIC CONTROL
Map No.	JN 0301.00 Tape — Std — °F
Office Work	Surveyed by W. A. RICHARDS
Checked	Notes W.A.R. Date 11-9-76
Date	Indexed DEC 1 1976 R. PALMER

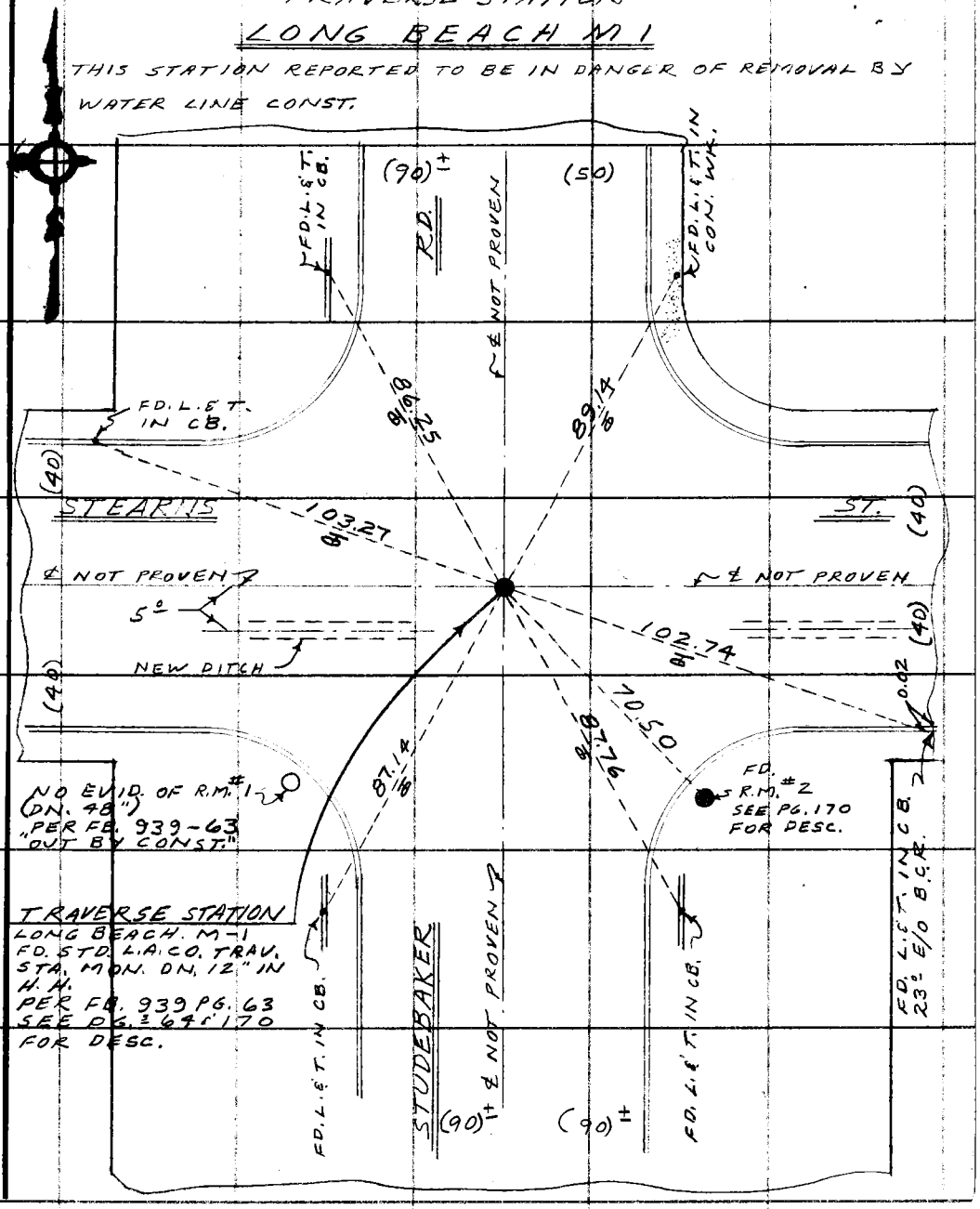
F. B. 939 PG. 169

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

LONG BEACH M 1

THIS STATION REPORTED TO BE IN DANGER OF REMOVAL BY WATER LINE CONST.



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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE#310 3-69

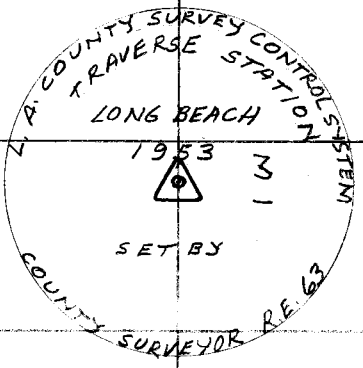
F. B. 939 PG. 170

TRAVERSE STATION
LONG BEACH M-1

THIS STATION IS LOCATED IN THE CITY OF LONG BEACH AT THE ASSUMED CENTERLINE INTERSECTION OF STUDEBAKER RD. AND STEARNS ST.

STATION MARK: A LOS ANGELES COUNTY SURVEY CONTROL SYSTEM TRAVERSE STATION BRASS DISC. IN 2" IRON PIPE SET IN CONCRETE 12" BELOW PAVEMENT SURFACE, IN A WELL PROTECTED BY A CAST IRON COVER.

STATION MARK IS STAMPED "LONG BEACH M-1, 1953, COUNTY SURVEYOR R.E. 63



R.M. NO. 1:- NOT FOUND, SEARCHED 48" DEEP

R.M. NO. 2: A 2" IRON PIPE DOWN 18" BELOW SERVICE ROAD CURB, SET IN CONCRETE, WITH CONCRETE PLUG, LEAD AND TACK.

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DEPARTMENT OF COUNTY ENGINEER
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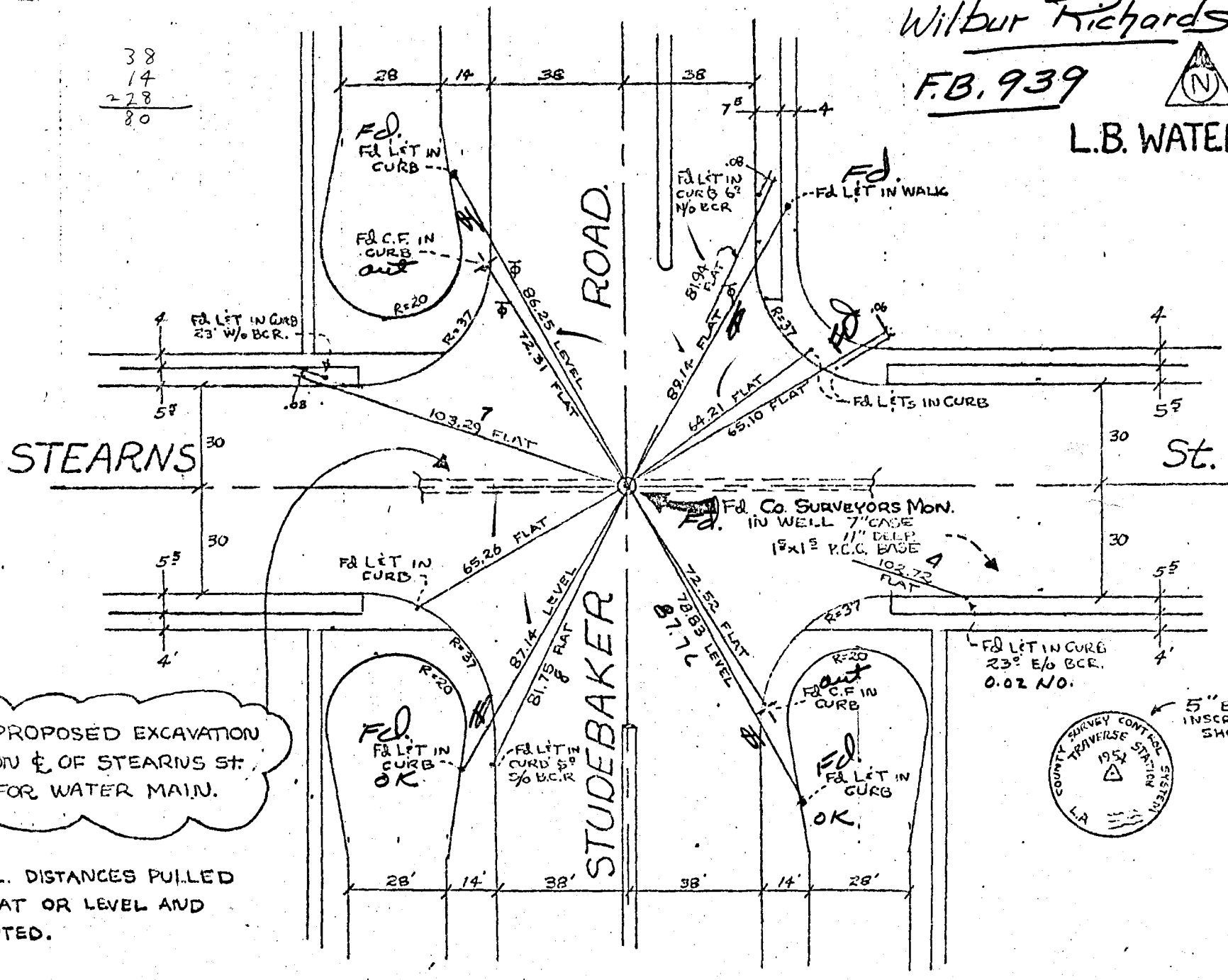
DEPARTMENT OF ENGINEERING — CITY OF LONG BEACH, CALIFORNIA

Wilbur Richards

F.B. 939

L.B. WATER DEPT.

38
14
228
80



* PROPOSED EXCAVATION ON ℄ OF STEARNS St. FOR WATER MAIN.

NOTE.
ALL DISTANCES PULLED FLAT OR LEVEL AND NOTED.

COUNTY SURVEY CONTROL TRAVERSE STATION 1954 L.A.

5" BRASS CAP INSCRIBED AS SHOWN.

Sh 1 of 1 DATE OCT 13, 1976 W.O. NO. / / / / CODE

SURVEY PERFORMED TIE OUT CO. SURVEY MON. SURVEYOR JOHN SPENCER

STEARNS St ℄ PROPOSED WATER MAIN / EXCAVATION OCT 1976

FOR OFFICE USE ONLY

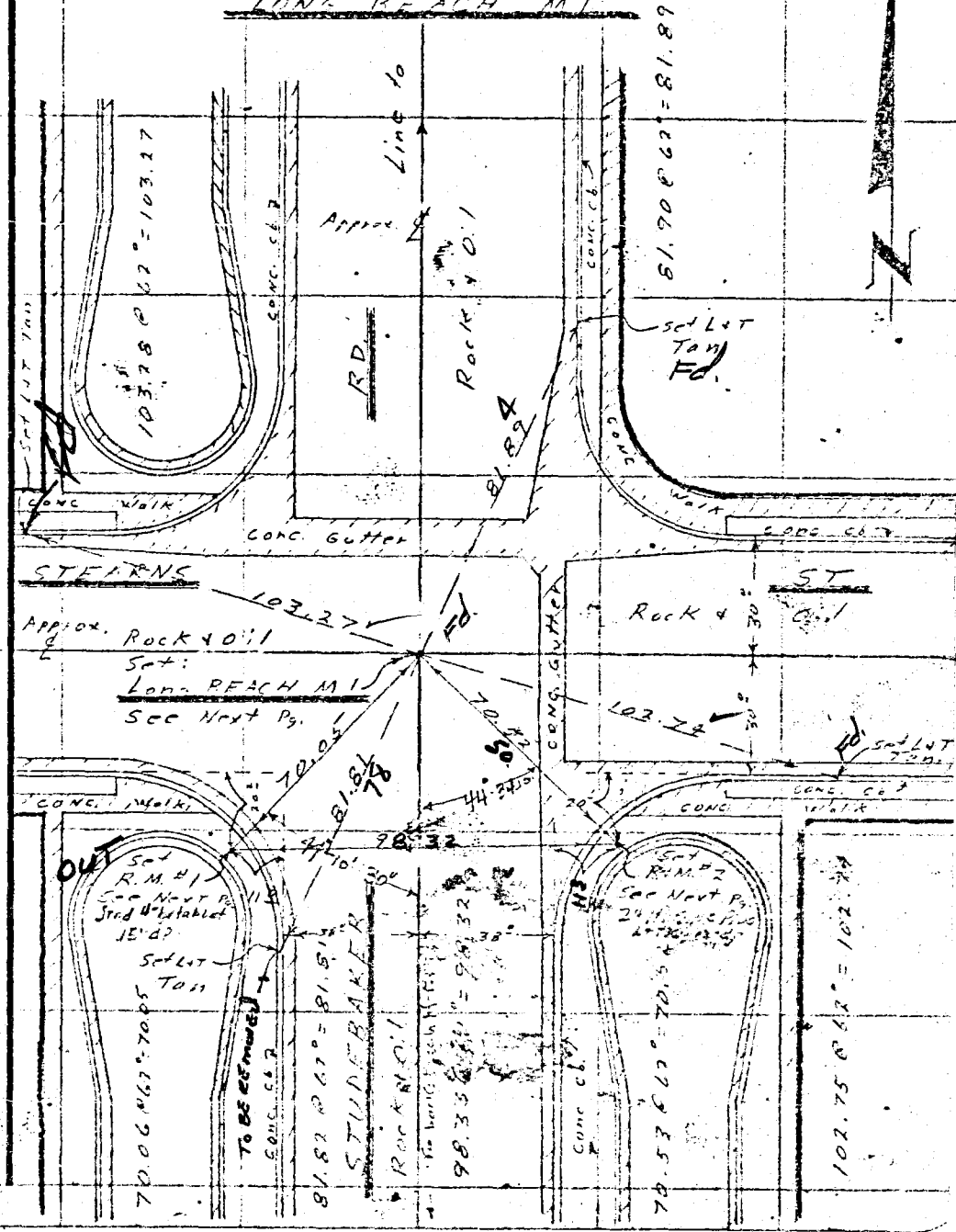
Notes Ck'd by	Survey of Geodetic Control
Map No.	W. O. 4 Tape No. 116 St'd. 84 °F
Office Work	Surveyed by H. R. Stock
Checked	Notes W. D. Bay Date 11-5-53
Date	Indexed A. C. Johnson

F. B. 939 PG. 63

L.A. COUNTY SURVEY CONTROL SYSTEM

TRAVERSE STATION

LONG BEACH M1



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3099 247 2-51

98.32
51.43
46.89

Rm #1 SEARCHED DN 4'
Fd. NTHG. Fd. NEW ELECTRIC.
BOX NEAR BY

Note: Fd. Rm #2 in
Good condition 18" BELOW
SERVICE RD. CURB

765907C S&E 376 Gb 2-54

COUNTY SURVEYOR

SURVEY CONTROL STATION

COUNTY OF LOS ANGELES, CALIFORNIA

CARD 1 OF 1 CARDS

NAME LONG BEACH M-1

ESTABLISHED BY L.A. Co. Sur. DATE 1954

ELEV. OF STATION MARK METERS

TYPE: TRIANGULATION / TRAVERSE

GEOGRAPHIC POSITIONS: LAT. / LONG.

GEODETIC DATUM: NORTH AMERICAN, 1927

PLANE COORDINATES: ZONE 7, CALIFORNIA COORDINATE SYSTEM

NORTH

EAST

SKETCH

Data shown on this card is of uncertain accuracy.

It must be evaluated by the user in each case.

Phone MA9-4747, Ext.81305 for additional information.

DESCRIPTION

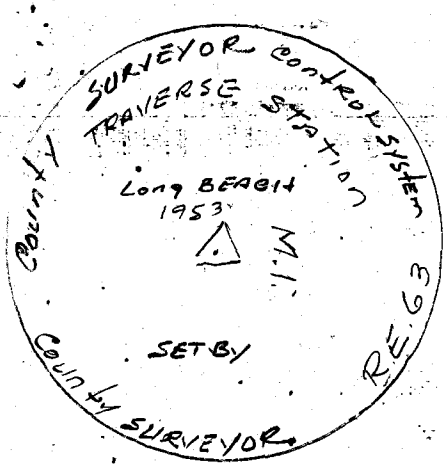
Located in the city of Long Beach on the approximate centerline intersection of Studebaker Road and Stearn Street.

STATION MARK: A Los Angeles County Survey Control System traverse station disk set in concrete 13" below pavement in a well protected by a cast iron cover. Mark is stamped "LONG BEACH M1 1953 COUNTY SURVEYOR RE 63".

REFERENCE MARKS: No. 1 is a Los Angeles County Surve Control System reference mark disk set in concrete 15" below surface (No indication how this mark is stamped) 70.05 feet southeasterly of station.

No. 2 is a 2" iron pipe set in concrete with concrete core, lead and tack, 12" below surface, 70.52 feet southeasterly of station.

Reference: F.B. 939-63



F.B. 339 PG. 62

LONG BEACH M 1

— DESCRIPTIONS —

This station is in the South East Portion of Los Angeles County, At the intersection of Studebaker Rd & Stearns Street, in a well and protected by a Conc. pad and Cast iron cover, Lettered County Surveyor Monument.

Station Mark: Set a Standard 4 inch Brass tablet in Conc. Down 13 inches below Grade of Existing Pavement Surface And Stamped "L.A. County Survey Control System, Traverse station, Long Beach M-1, 1953, Set By County Surveyor

R.E. 13

Reference Mark No 1

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