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	

1188

Microfilmed Feb '88

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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F. B. _____ PG. _____

FORM 247 5M 12-40

RETURN TO
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INDEX TO F.B. II[68]

DATE	J.N.	DESCRIPTION	NOTES	PAGES
II/45	II41	161ST. ST. ET. AL. 162nd AREA BOUNDED BY HAWTHORNE AVE., PRAIRIE AVE., 161ST. ST., MANHATTAN BEACH BLVD. & AREA BOUNDED BY FREEMAN AVE., " " " ",HAWTHORNE AVE., & 153RD. ST.	∅ SURVEY	5-44
II/45	II41	B.M.S	B.M.s	45-56
12-17-45	II41	161st St. from Prairie Ave. to Hawthorne Ave.	TOPOG.	57-62
12-17-45	II41	161st ST. from Prairie Ave. to Alley E. of Hawthorne Ave.	X-Sect.	63-70
12-18-45	II41	160th St. from Prairie Av. to Hawthorne Ave.	TOPOG.	71-76
12-18-45	II41	160th St. from Prairie Ave. to Alley E. of Hawthorne Ave.	X-Sect.	77-84
12-18-45	II41	159th St. from Prairie Ave. to Alley E. of Hawthorne Ave.	Topog.	85-90
12-19-45	II41	159th St. from Prairie Ave. to Hawthorne Ave.	X-Sect.	91-98
1-2-46	II41	160th St. from Larch Ave. to Manhattan Beach Blvd. Reverse to 153rd. st.	TOPOG.	115-120 omission Second listing
1-2-46	II41	LARCH AVE. from Manhattan Beach Blvd. to 153rd St.	TOPO X-Sect.	121-128
1-11-46	II41	154th St. from Larch Ave. to Hawthorne Ave.	Topog.	129-132
1-11-46	II41	154th St. from Larch Ave. to Hawthorne Ave.	X-Sect.	133-136
12-27-45	II41	154th St. from Freeman Ave. to Larch Ave.	X-Sect.	137-140
12-27-45	II41	154th St. from Freeman Ave. to E. to TR. LINE.	X-Sect.	141-142
12-26-45	II41	Prarie Ave. from 159th St. to Manhattan Beach Blvd.	TOPOG.	155-158
12-26-45	II41	Prairie Ave. from (55'n. of S) 159th St., to Manhattan Beach Blvd.	X-Sect.	159-162
12-27-45	II41	156th St. from Freeman Ave. to TR. LINE.	X-Sect.	173-174
12-27-45	II41	156th St. from Freeman Ave. to Larch Ave.	TOPOG.	175-178
12-27-45	II41	156th St. from Freeman Ave. to Larch Ave.	X-Sect.	179-180
1-[illegible]	II41	156th St. from Larch Ave. to Hawthorne Ave.	TOPOG.	183-186

NOTE
omission

Notes Ck'd by
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Survey of
W. O.
Surveyed by
Notes
Indexed

Tape No.
Date
Std.
°F

F.B.

INDEX TO F.B. 1169 (CONT.)

F.B. _____ PG. _____

DATE	J.N.	DESCRIPTION	NOTES	PAGES
I-2-46	II4I	I56th St. from Larch Ave. to Hawthorne Ave.	L-Sect.	I87-I90
I-14-46	II4I	HAWTHORNE AVE. (E.SIDE) from I56th St. to Manhattan Beach Blvd.	TOPOG.	I9I-I94
I-14-46	II4I	HAWTHORNE AVE. (E.SIDE) from I56th St. to Manhattan Beach Blvd.	L-Sect.	I95-I98
I-15-46	II4I	HAWTHORNE AVE. (E.SIDE) from I56th St. to I54th St.	TOPOG.	I99-202
I-15-46	II4I	HAWTHORNE AVE. (E.SIDE) from I56th St. to I54th St.	L-Sect.	203-206
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I-15-46	II4I	HAWTHORNE AVE. (W.SIDE) from Manhattan Beach Blvd. to I56th St.	L-Sect.	211-214
I-10-46	II4I	MANHATTAN BEACH BLVD. from Freeman Ave. to Hawthorne Ave.	TOPOG.	215-220
I-11-46	II4I	MANHATTAN BEACH BLVD. from Freeman Ave. to Hawthorne Ave.	L-Sect.	221-224
I-15-46	"	" " " " " " E. to TR. Line	TOPOG.	225-226
"	"	" " " " " " " " "	Profile	227-230
I2-28-45	"	Alley E. of Hawthorne Ave. ~~I59th St.~~ from I59th St. to Manhattan Beach Blvd.	"	231-232
"	"	Alley E. of Hawthorne Ave. from I59th St. to I66th St.	TOPOG.	~~[illegible]~~ 233-242
"	"	" " " " " " " " "	Profile	243- 250
I2-27-45	"	Freeman Ave. from Alley No. of I59th St. to I53rd St.	Topog.	I43-I48
"	"	" " " " " " " " "	Profile	I49-I54
"	"	162ND ST: PRAIRIE AVE TO HAWTHORNE AVE	TOPOG.	99-106
"	"	161ST ST; Freeman AVE. S.D. Sketch	PROFILE	105-110
"	"	" Elev. on S.D.'s	SKETCH	111-112B.
		(Manhattan Beach BLVD. (So. to 1ST Alley So. of 159TH ST)	Profile	113-114
"		1ST Alley So. of Manhattan Beach Blvd. from Prairie Ave to 1st Alley E. of Hawthorne Ave	Profile	167-172

OMITTED. See first page of Index

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Notes Ck'd by A. A. R.	Survey of 161ST ST.
Map No. 54F. DIV. 39-52	W. O. 8351 Tape No. 84 St'd 68 °F
Office Work	Surveyed by WALLACE
Checked	Notes W. Date Nov. 1948
Date	Indexed A. C. Johnson

MAR 11 '47

F.B. 1168 Pg. 3

C.I. 1141 - 161ST ST.

& SURVEY OF

161ST ST SEWER DIST.

WALLACE
WILLEY
VAN DEREN
DREIER

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RETURN TO
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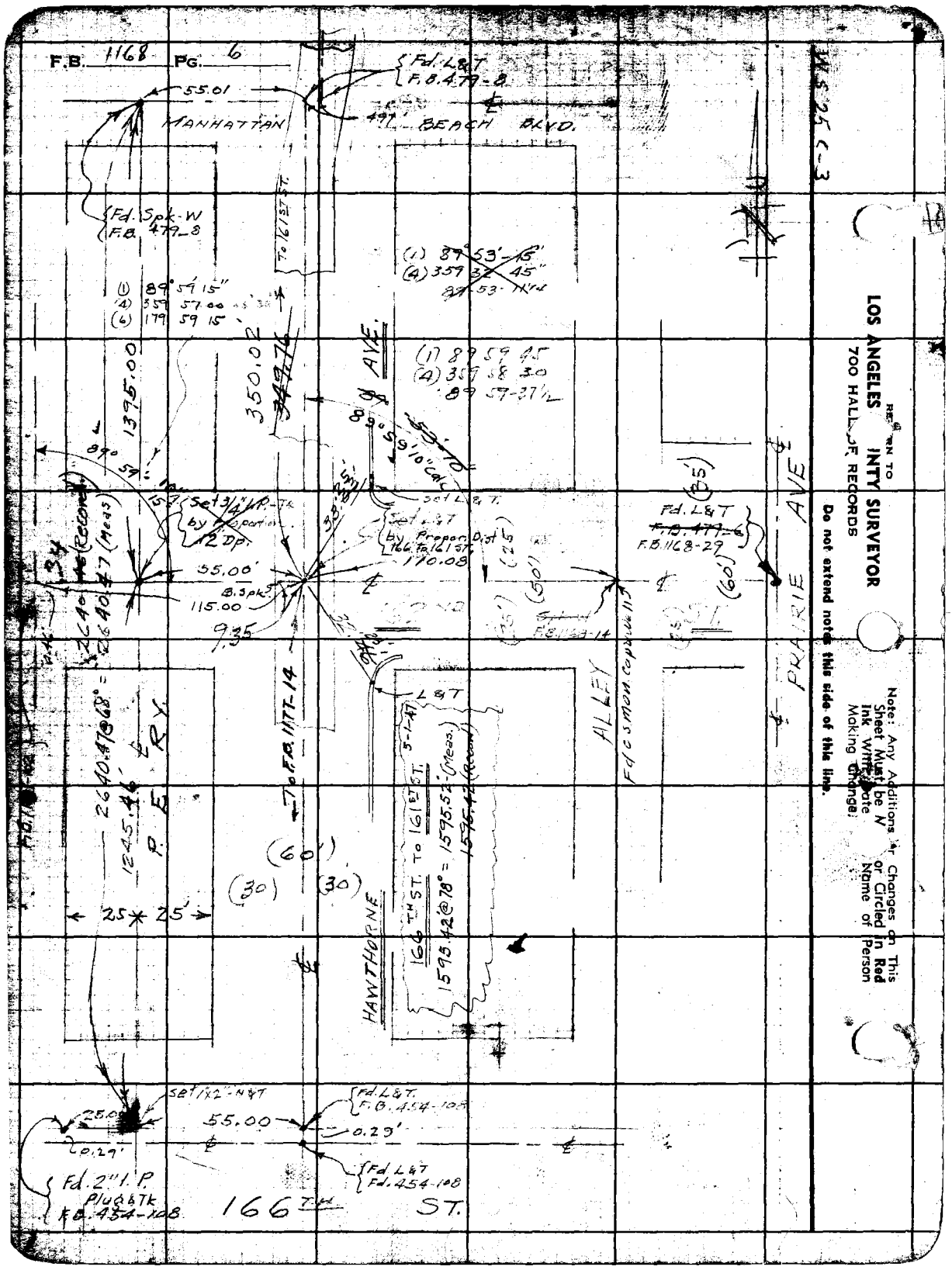
700 HALL OF RECORDS

FORM 247 9M 12-50


F.B. 1168 PG. 6
55.01
MANHATTAN
BEACH BLVD.
Fd. L&T F.B. 479-8
Fd. Spk-W F.B. 479-8
To 161ST ST.
(1) 89° 59' 15"
(4) 359 57 00
(6) 179 59 15
(1) 89 59 45
(4) 359 58 30
89 59-37½
1395.00
350.02
AVE.
89° 59' 10" Calc
Set L&T
Set L&T by Propor. Dist 166 to 161 ST.
170.08
Set 3/4" I.P. Tk by Proportion 12 Dp.
55.00'
B.Spk.
115.00
9.35
Fd. L&T F.B. 1168-29
PRAIRIE AVE
ALLEY
Fd C S Mon. Cap. Well
L&T
To F.B. 1177-14
166TH ST. To 161ST ST.
1595.42 @ 78° = 1595.52' (Meas.)
1595.42 (Record)
HAWTHORNE
P.E. RY.
2640.47 @ 68° = 2640.47 (Meas)
1245.46
(60')
(30)
(30)
25 * 25'
Set 1x2" N&T
25.00
0.29'
55.00
Fd. L&T F.B. 454-108
Fd. L&T Fd. 454-108
Fd. 2" I.P. Plug & Tk F.B. 454-108
166TH ST.
W.S. 25 C-3
LOS ANGELES INTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line.
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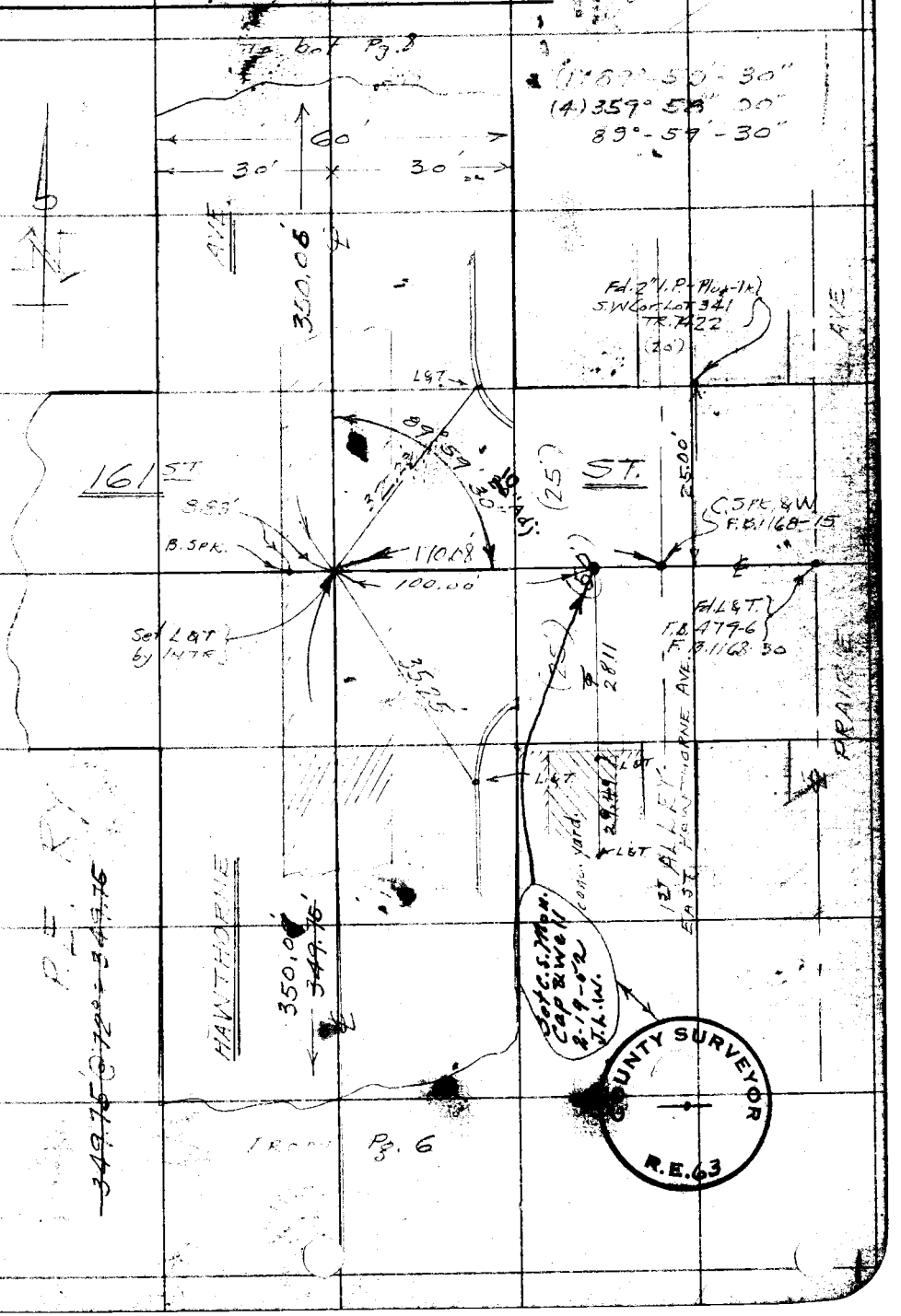
Notes Ck'd by A.A.R.	Survey of 161ST ST	F.B. 1168 Pg. 7
Map No. Sur. Div. 39-59	W. O. 8351 Tape No. 84 St'd 68 °F.	
Office Work	Surveyed by Wallace	
Checked	Notes W Date Nov 1945	
Date	Indexed A. C. Jonnson	

W.S. 25 C-3



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RETURN TO
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700 HALL OF RECORDS

FORM 247 10M 11-35

RETURN TO
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700 H L OF RECORDS

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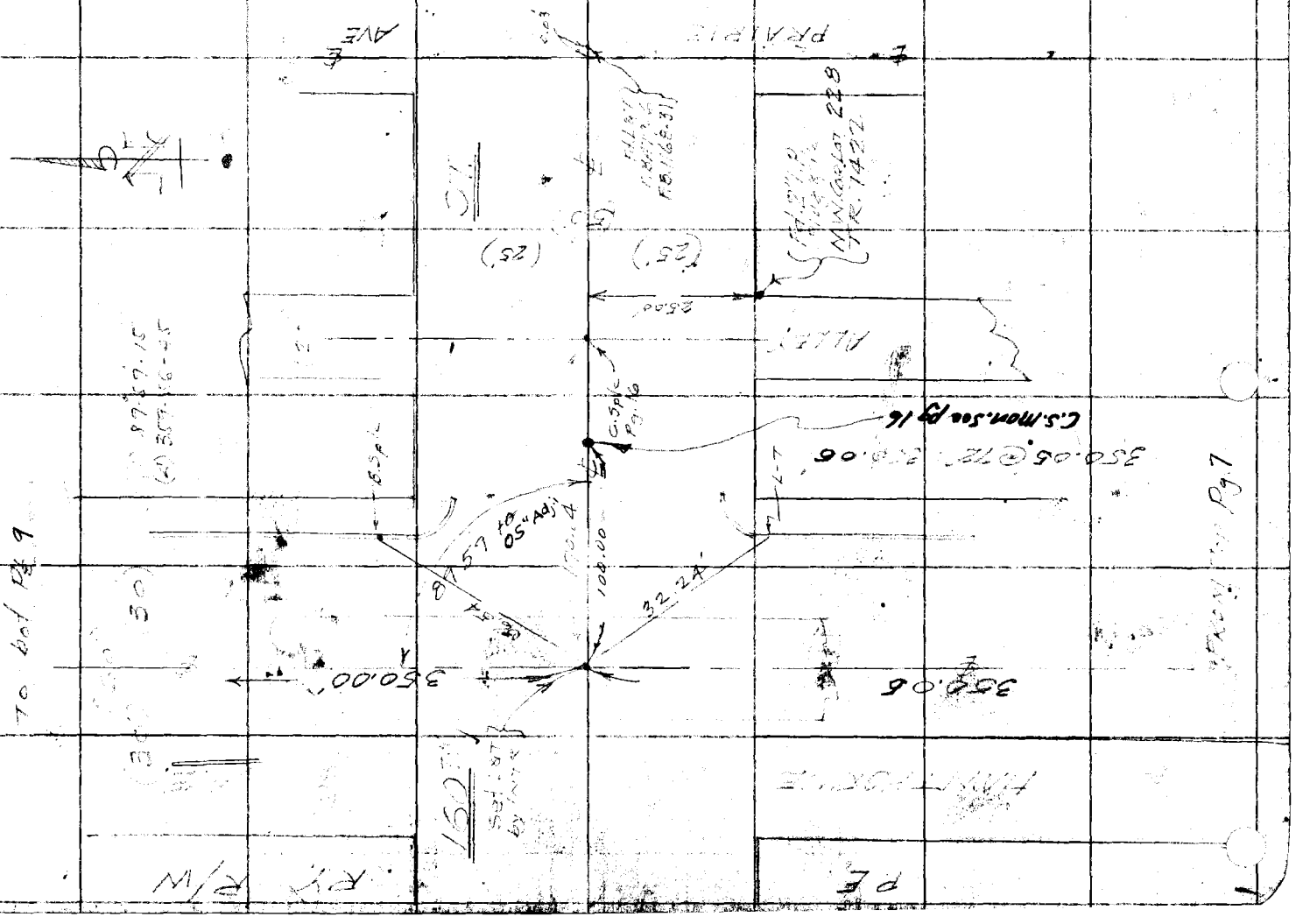
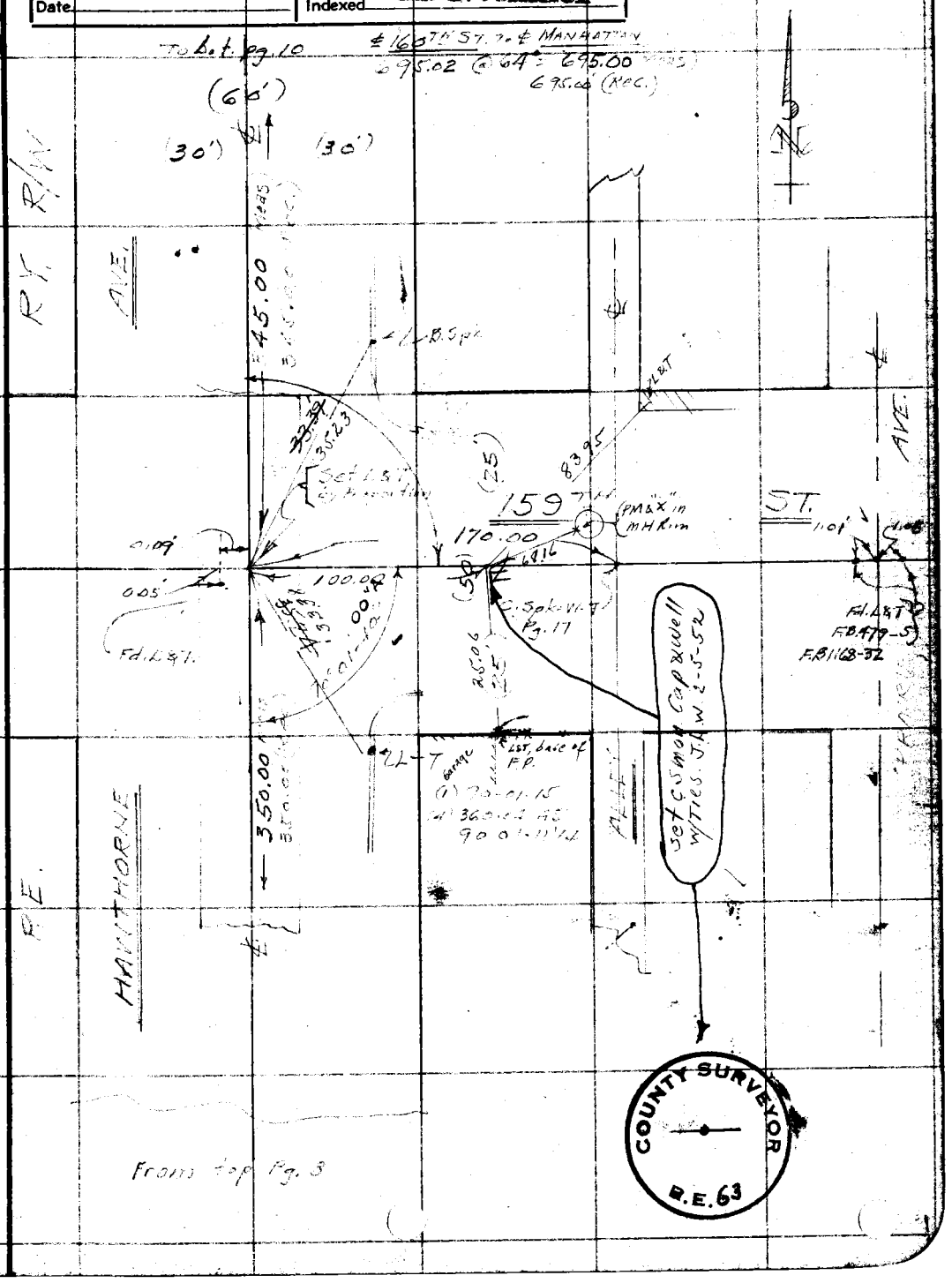
WS 256-3



F.B. 1165 PG. 8

Notes Ck'd by A.A.R	Survey of 161ST ST.	F.B. 1168 Pg. 9
Map No. Sur. Div. 39-59	W. O. 8351 Tape No. 841 St'd 68 °F.	
Office Work	Surveyed by Wallace	
Checked	Notes W Date Nov. 1945	
Date	Indexed A. C. Johnson	



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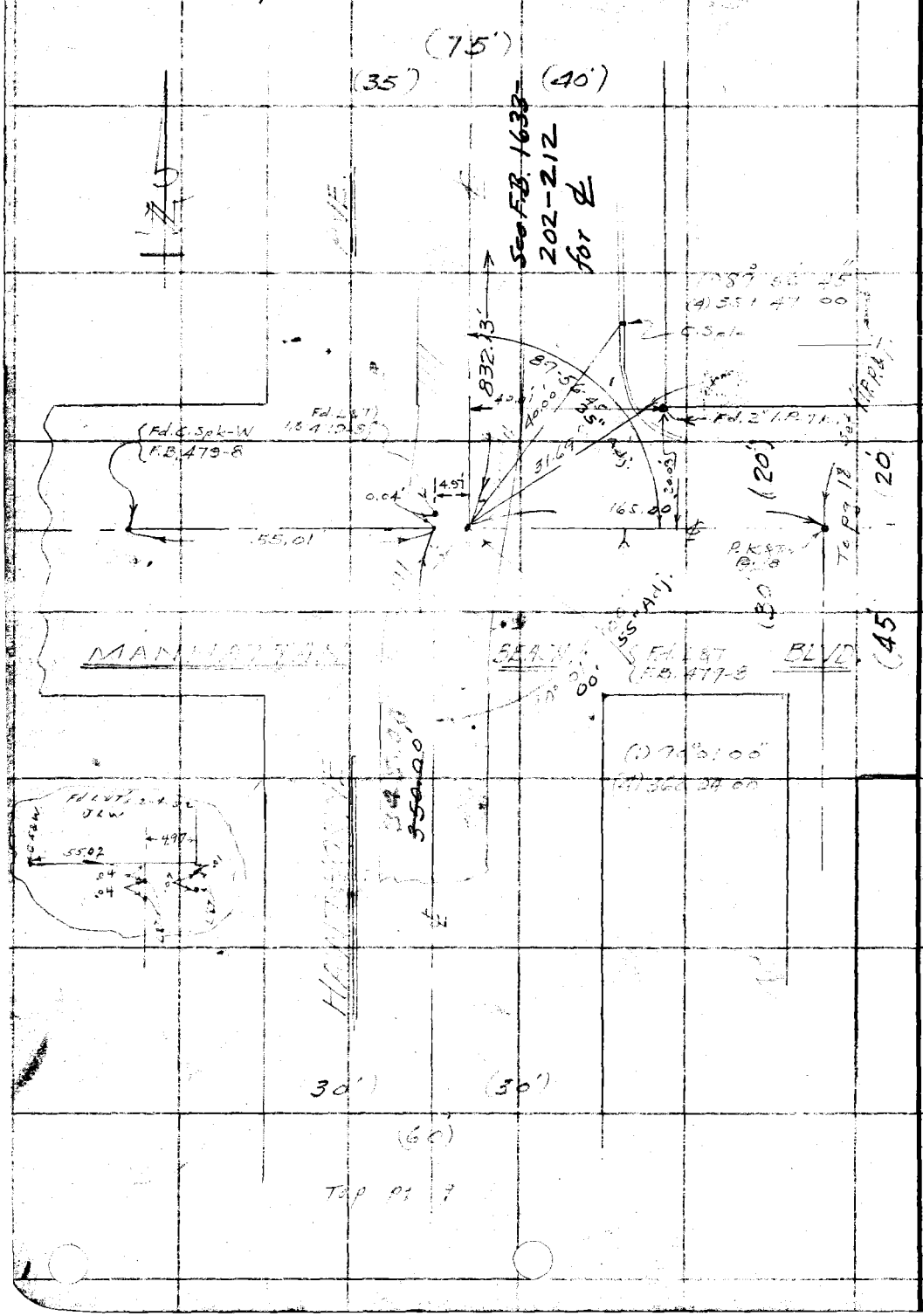
700 HALL OF RECORDS

FORM 247 10M 11-35

F.B. 1168 Pg. 10

To bot pg. 11



WS 25-C-3

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700 HALL OF RECORDS

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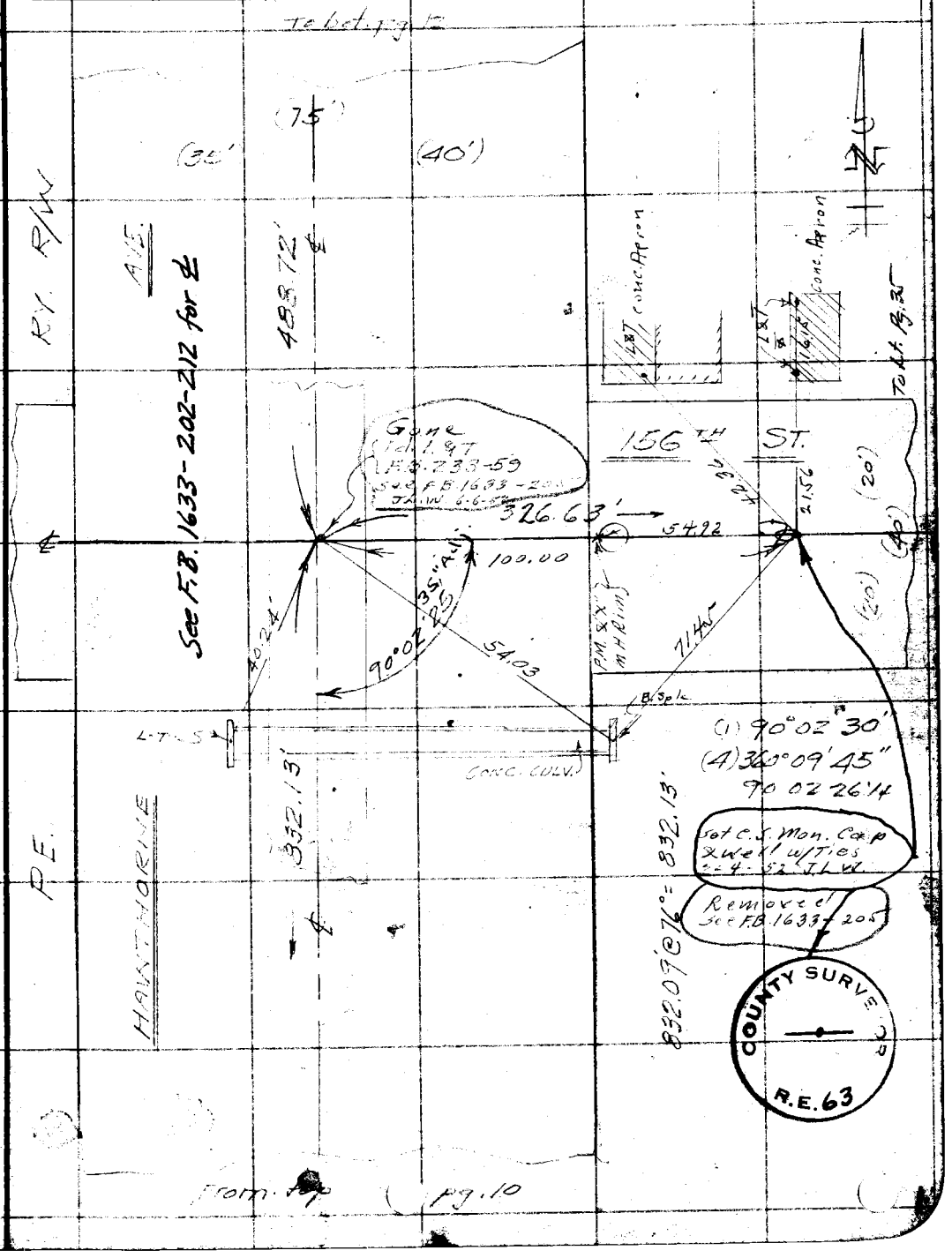
Notes Ck'd by A.A.R.	Survey of 16 1/2 ST. C.I.1141	F.B. 1168 Pg. 11
Map No. Sur. Div. 39-59	W. O. 8357 Tape No. 84 St'd 68 °F.	
Office Work	Surveyed by WALLACE	
Checked	Notes	Date Nov 29, 1955
Date	Indexed C. Johnson	



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RETURN TO
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700 HALL OF RECORDS

FORM 247 10M 11-35

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700 HALL OF RECORDS

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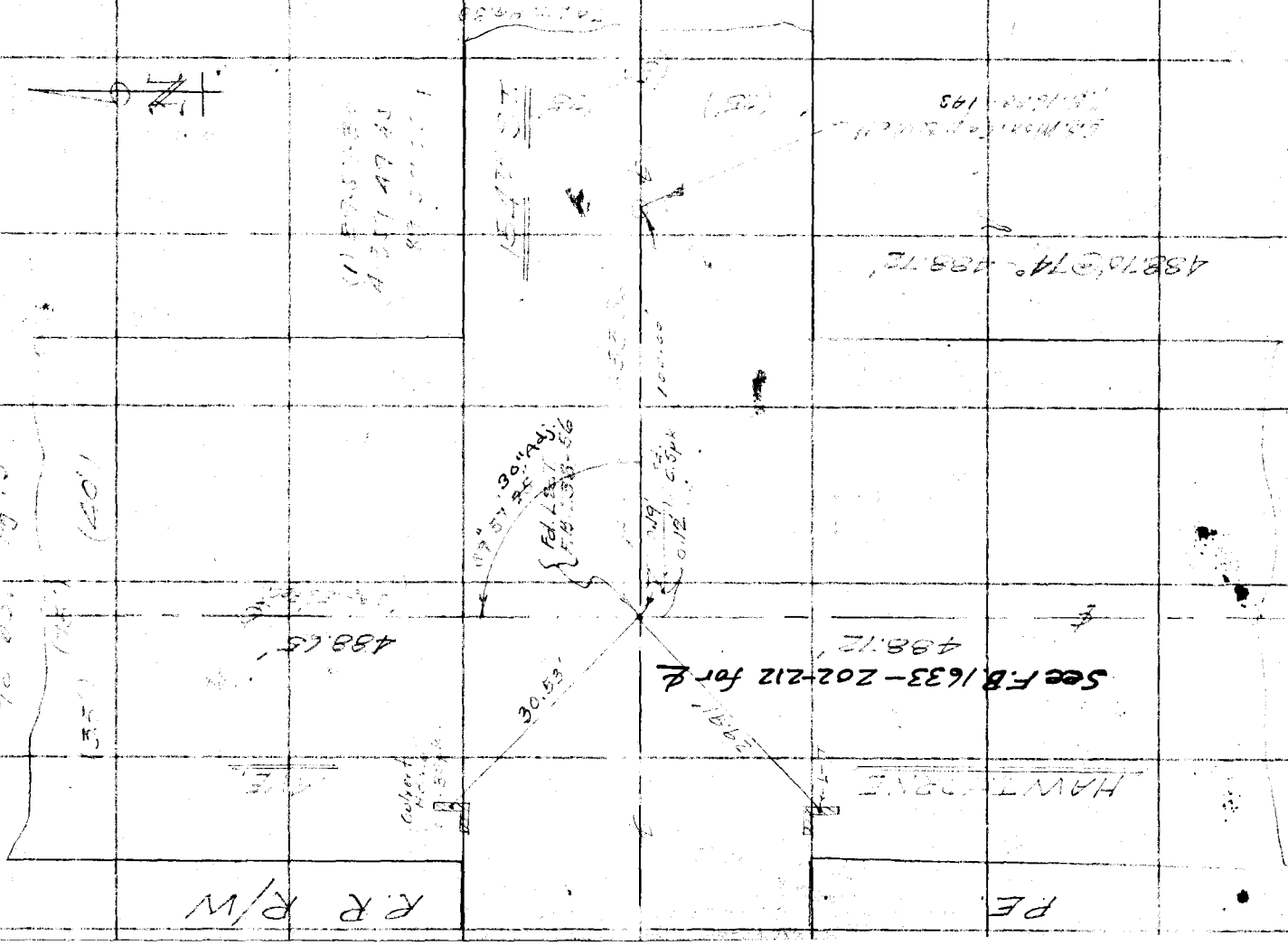
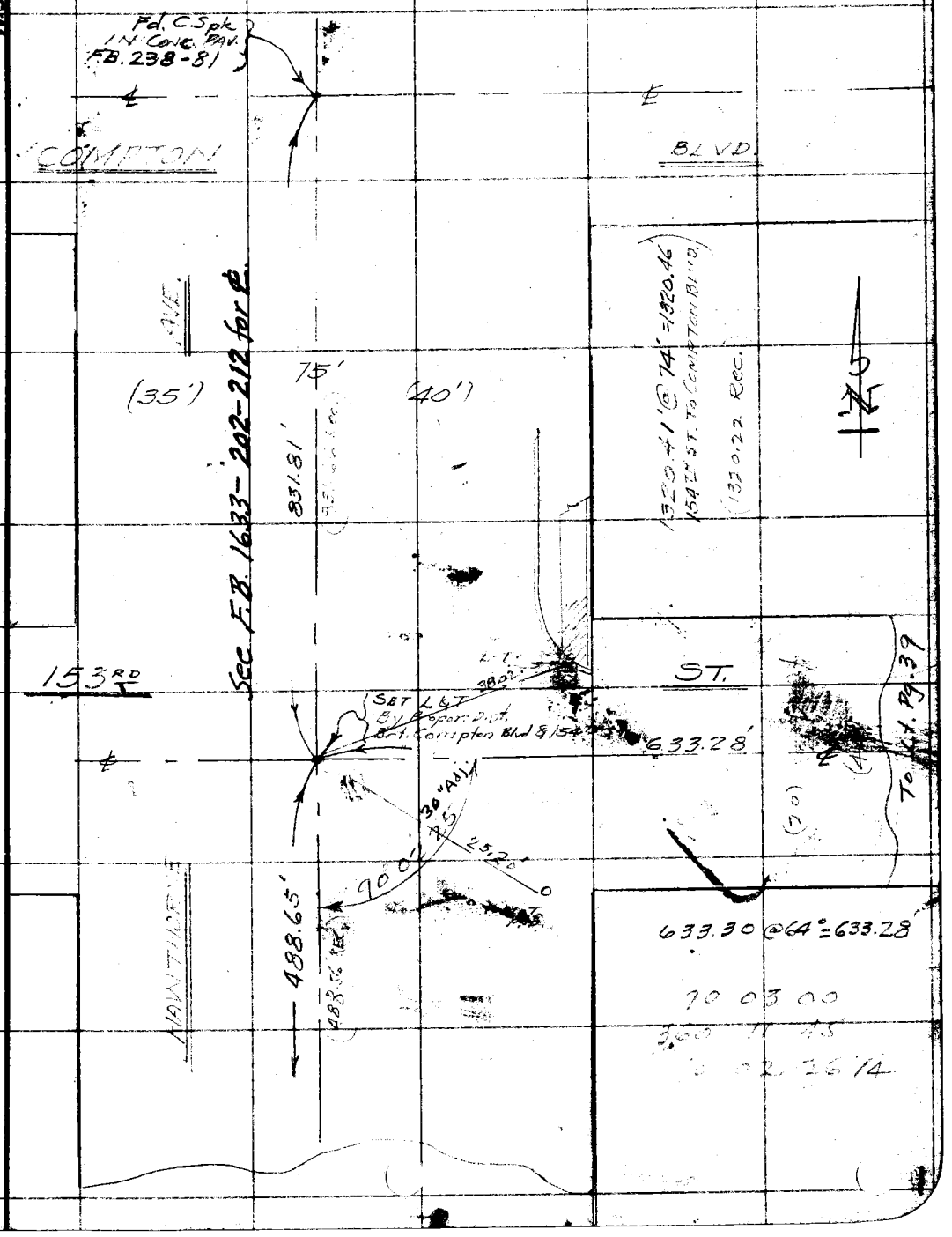
W.S. 256-3



F.B. 1165 PG. 12

Notes Ck'd by A.A.R.	Survey of 161ST ST	F.B. 1168 Pg. 13
Map No. Sur. Div. 39-59	W. O. 1141 Tape No. 84 St'd 68 °F.	
Office Work	Surveyed by WALLACE	
Checked	Notes W Date Dec. 3, 1945	
Date	Indexed A. C. Johnson	

W.S. 25-C-3



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RETURN TO
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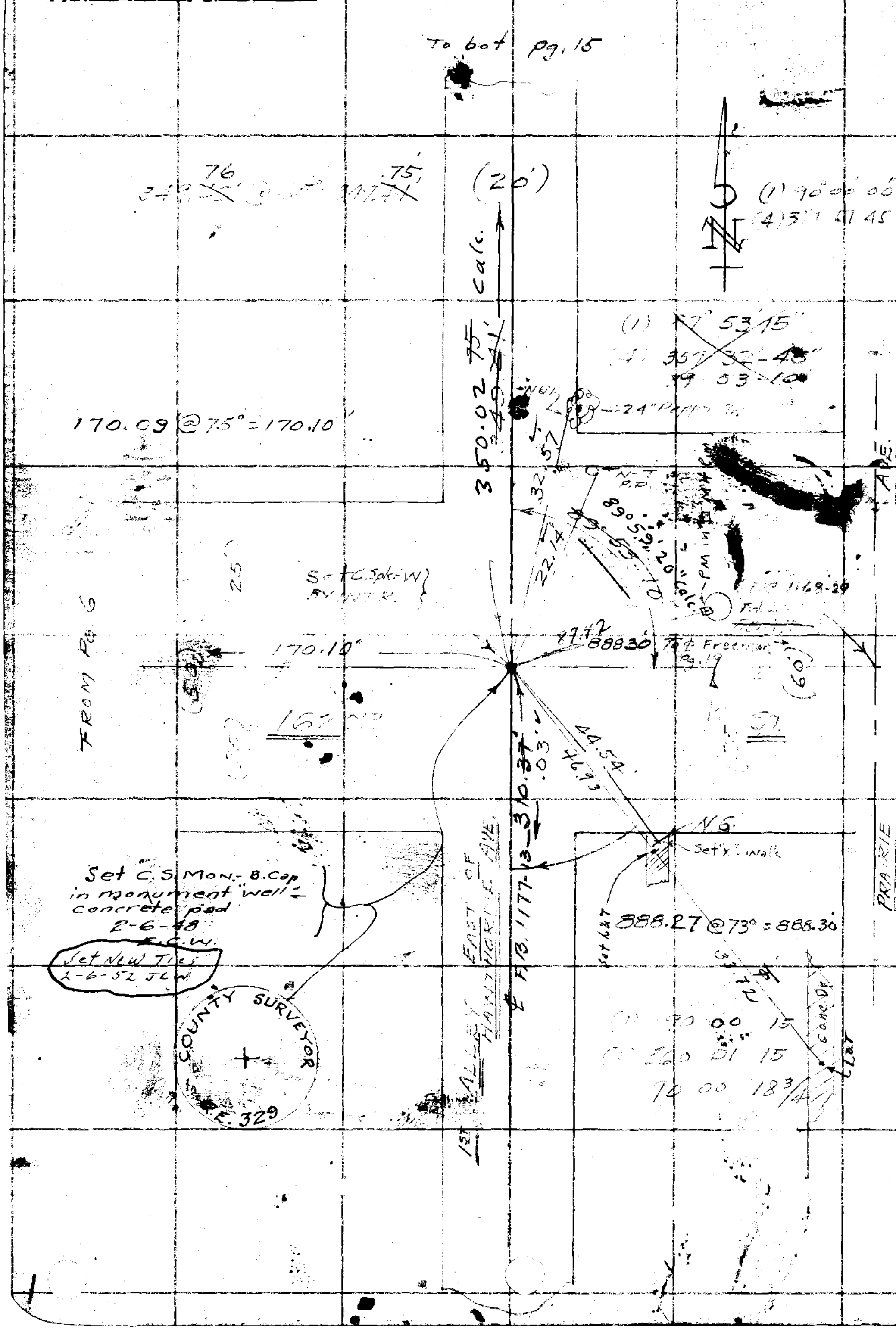
700 HALL OF RECORDS

FORM 247 10M 11-35

F.B. 1168 PG. 14



RETURN TO
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700 HALL OF RECORDS

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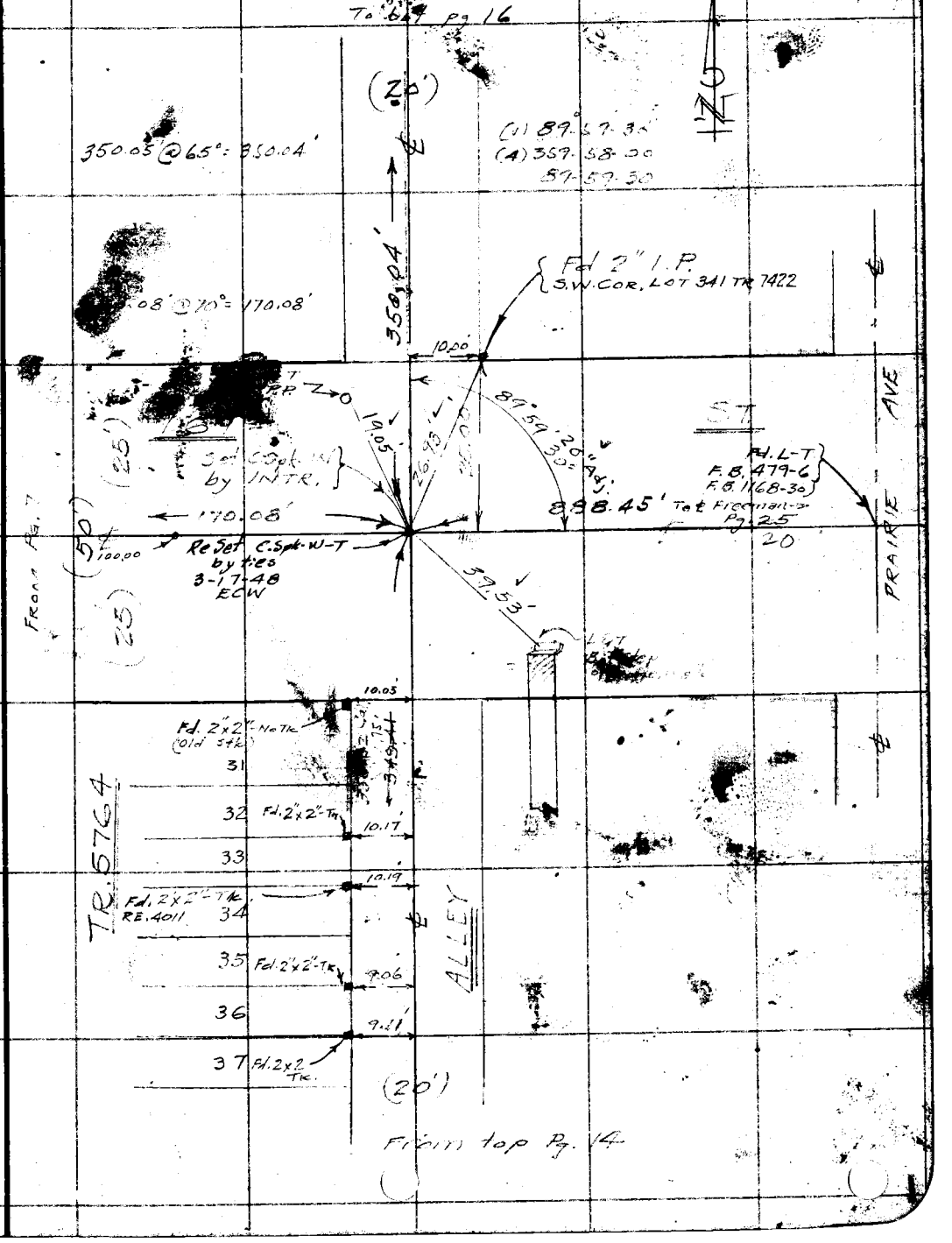
Notes Ck'd by A.A.R	Survey of 161ST ST	F.B. 1168 Pg. 15
Map No. Sur. Div. 39-59	W. O. 2351 Tape No. 84 St'd 68 °F.	
Office Work	Surveyed by WALLACE	
Checked	Notes Wallace Date Nov. 1945	
Date	Indexed C. Jo[illegible]	

W.S. 25C-3



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RETURN TO
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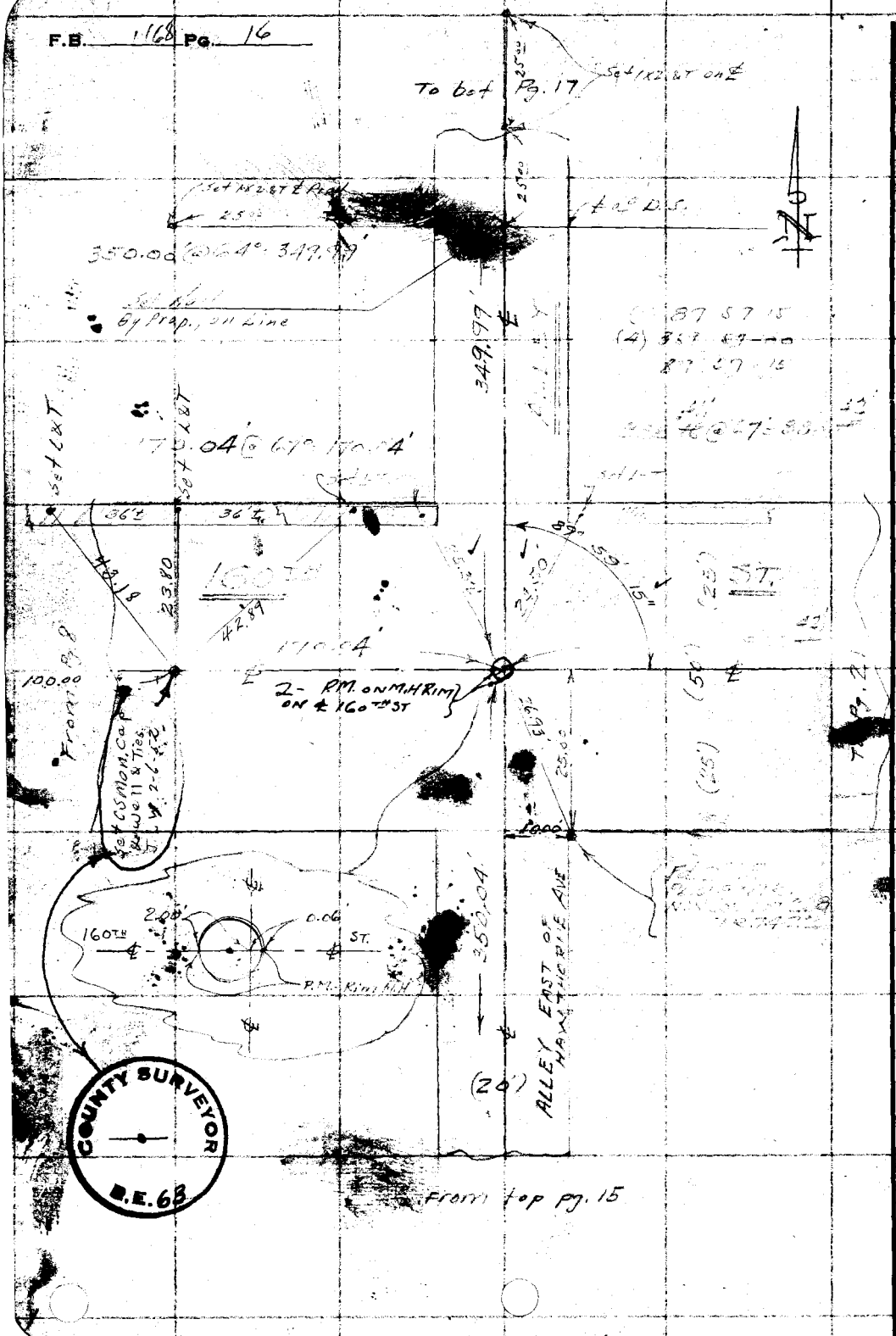
700 HALL OF RECORDS

FORM 247 10M 11-35

F.B. 1168 Pg. 16



W.S. 25 C-3

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LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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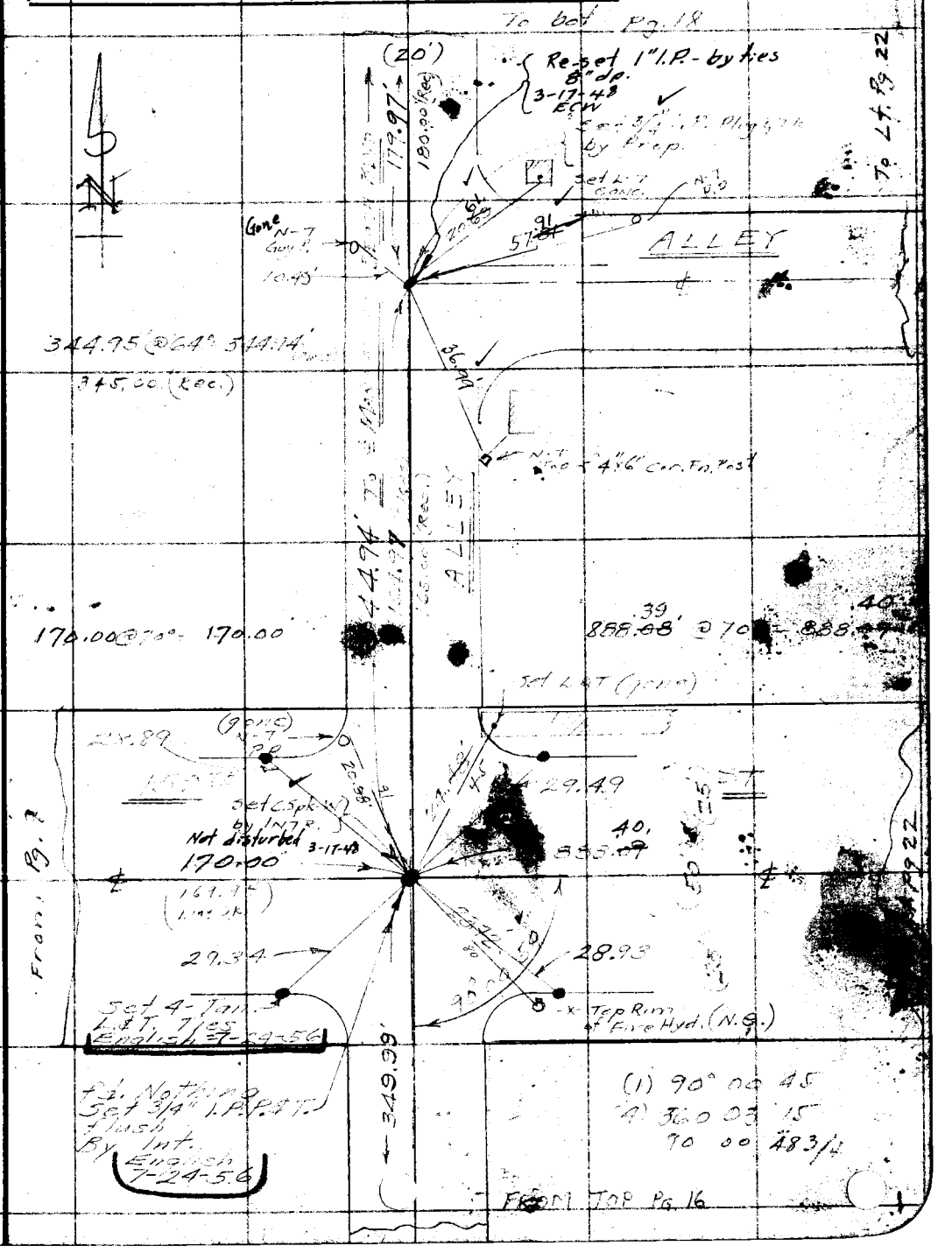
Notes Ck'd by A.A.R	Survey of 161st ST	F.B. 1168 Pg. 17
Map No. Sur-Div. 39-59	W. O 835' Tape No. 4 St'd 68 °F.	
Office Work	Surveyed by Wallace	
Checked	Notes W Date Nov 1945	
Date	Indexed A. C. Johnson	

W.S. 25C-3



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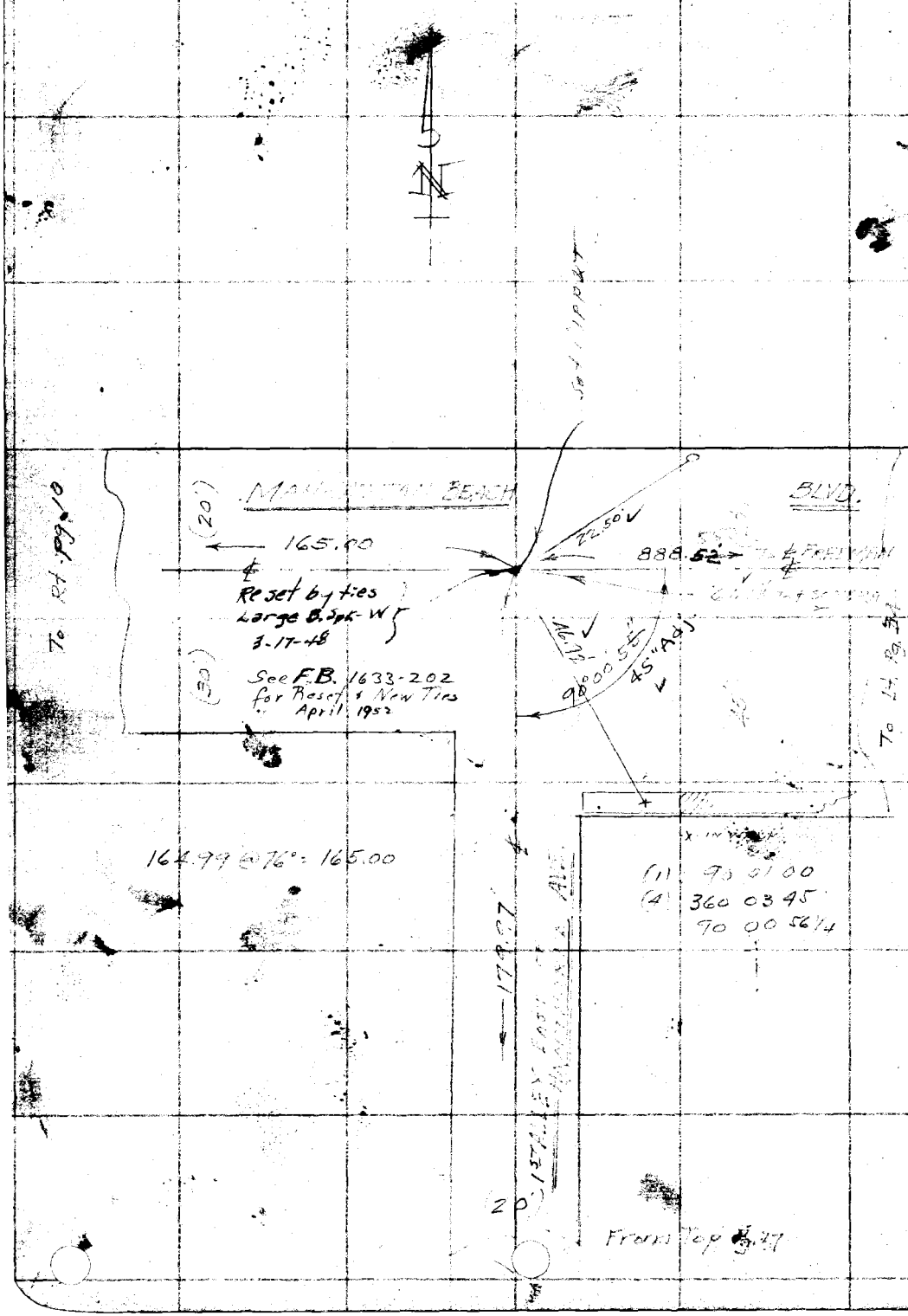
FORM 247 10M 11-35

F.B. 1168 PG. 18



RETURN TO
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700 HALL OF RECORDS

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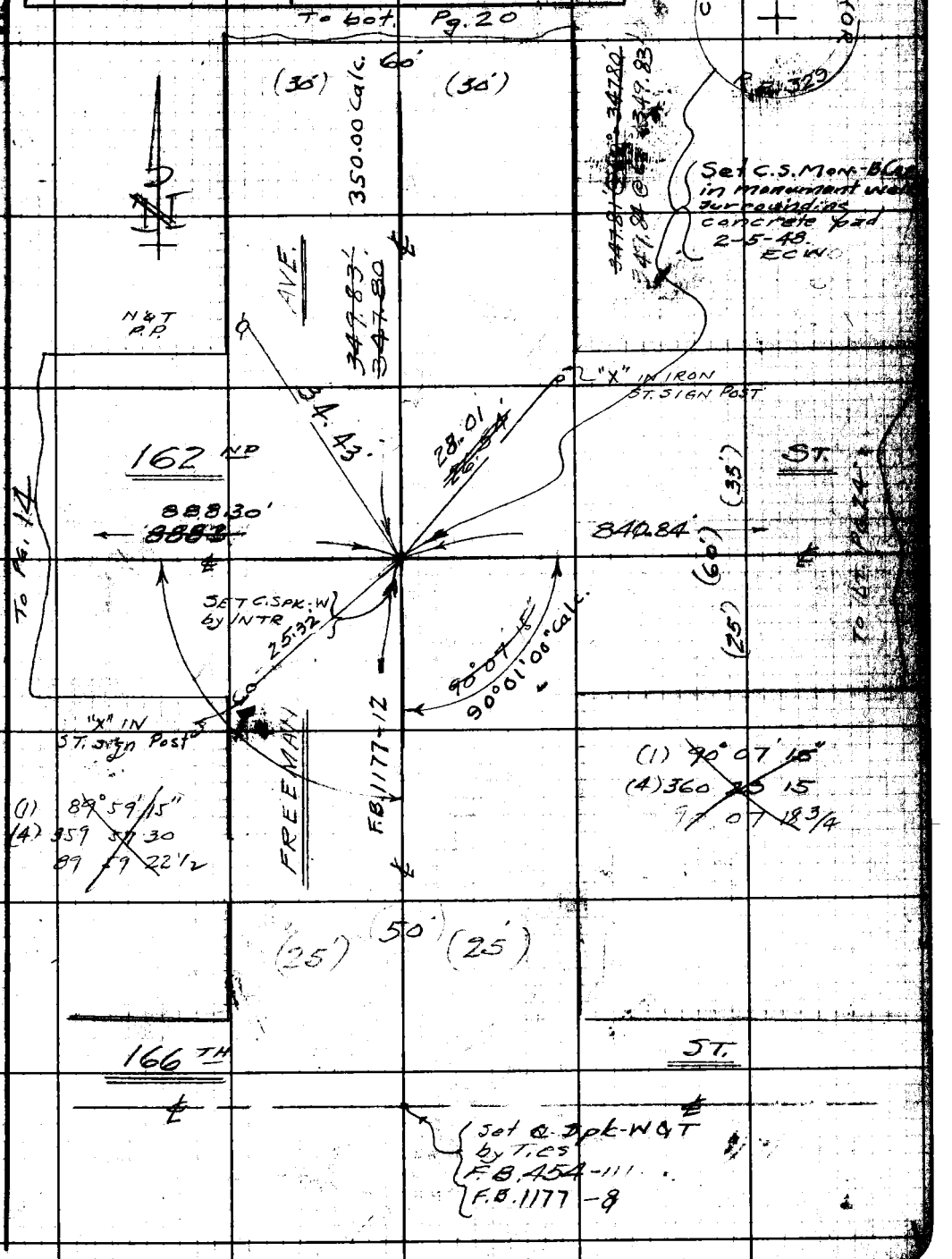
Notes Ck'd by A.A.R.	Survey of 161st ST	F.B. 1168	Pg. 19
Map No. Sur. DIV. 39-59	W. O. 2351 Tape No. 84 St'd 58 °F		
Office Work	Surveyed by Wallace		
Checked	Notes ECW Date Nov 1945		
Date	Indexed C. Johnson		

WS 25 D-3



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RETURN TO
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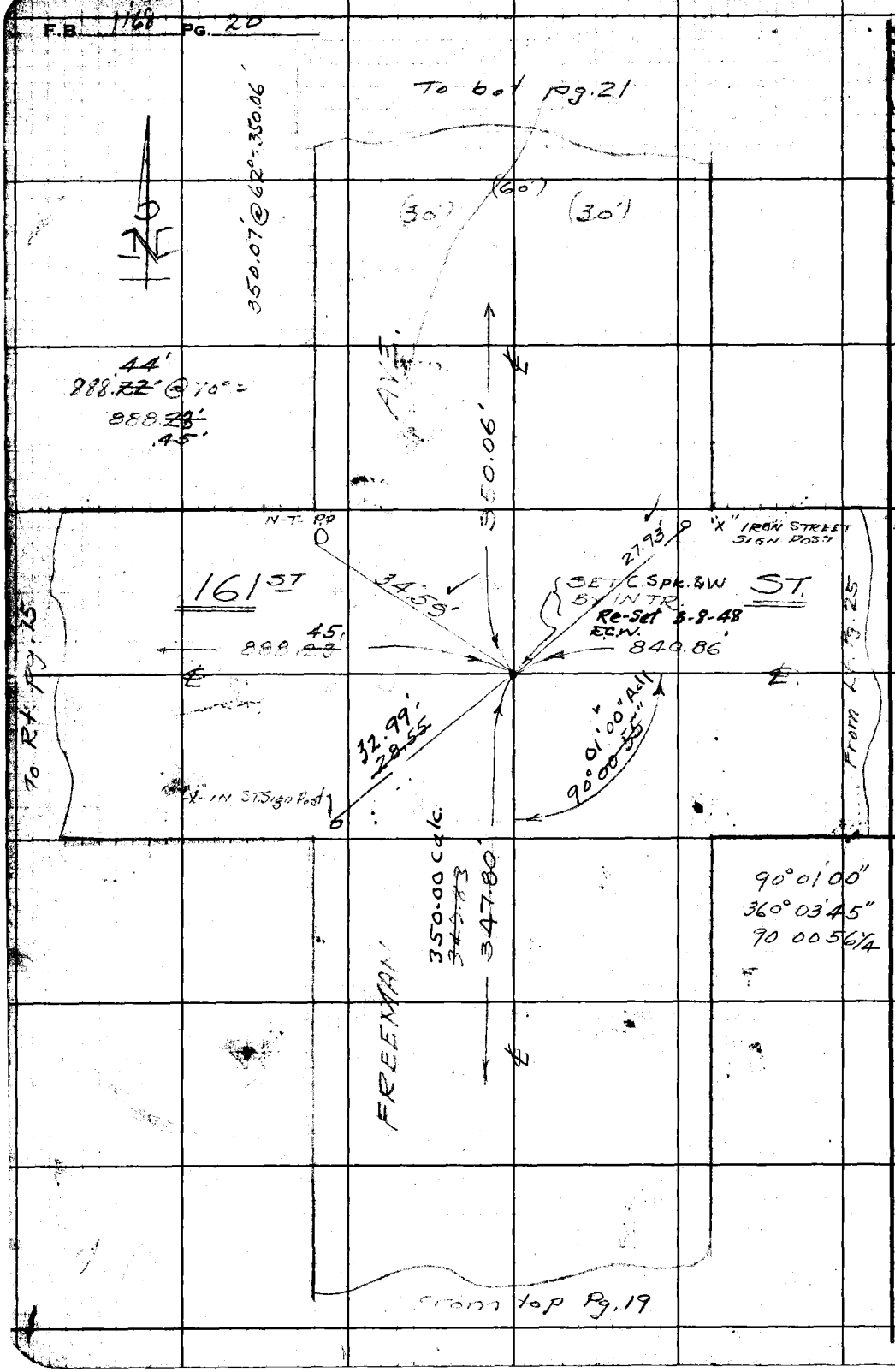
700 HALL OF RECORDS

FORM 247 5M 11-41

F.B. 1168 PG. 20



W.S. 25 D-3

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700 HALL OF RECORDS

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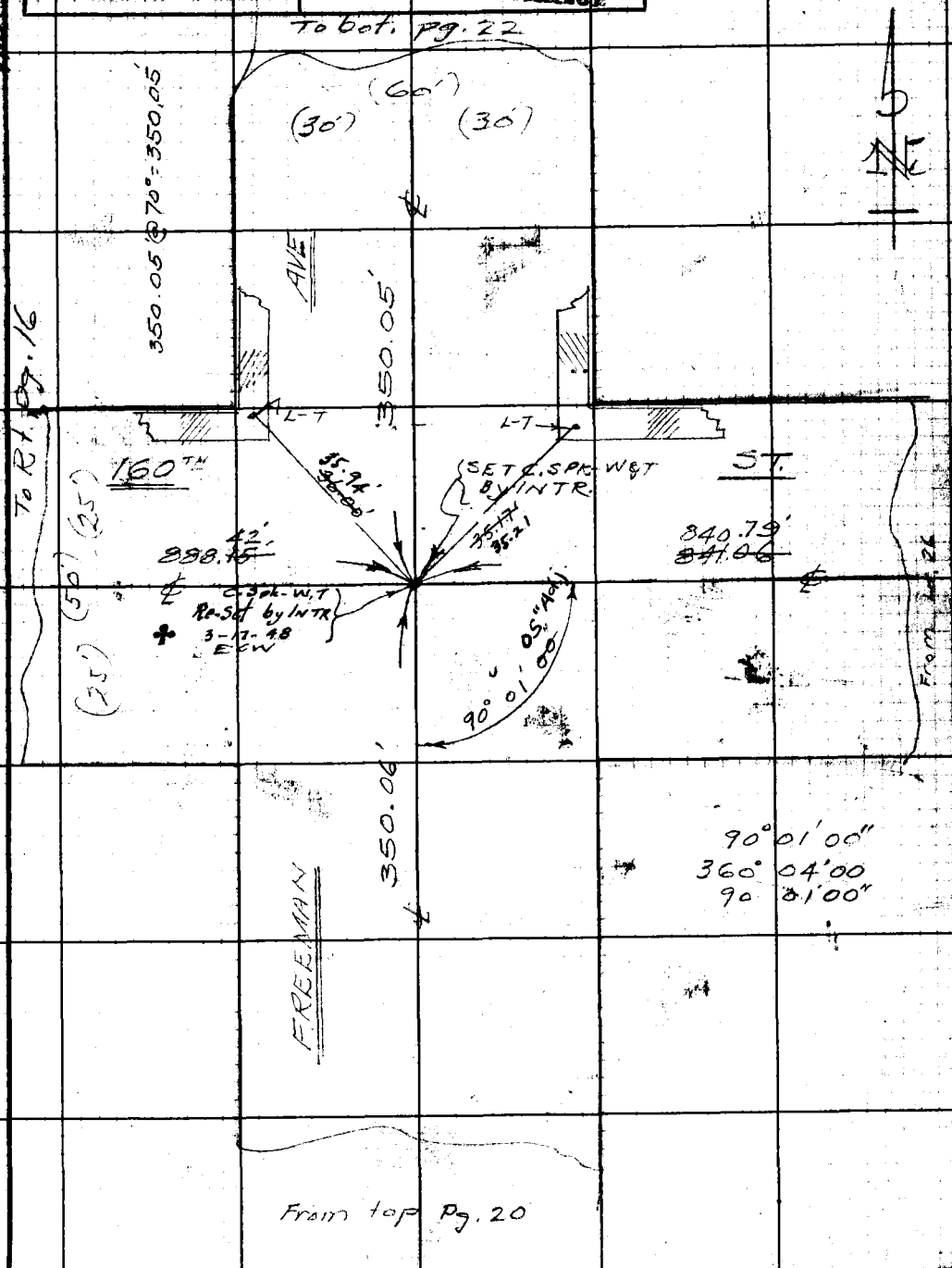
Notes Ck'd by A.A.R.	Survey of 161st ST	F.B. 1168 Pg. 21
Map No. Sur. Div. 39-59	W. O. 1141 Tape No. 84 St'd 68 °F	
Office Work	Surveyed by WALLACE	
Checked	Notes W. Date Nov. 1945	
Date	Indexed A. C. Johnson	

W.S. 25 D-2



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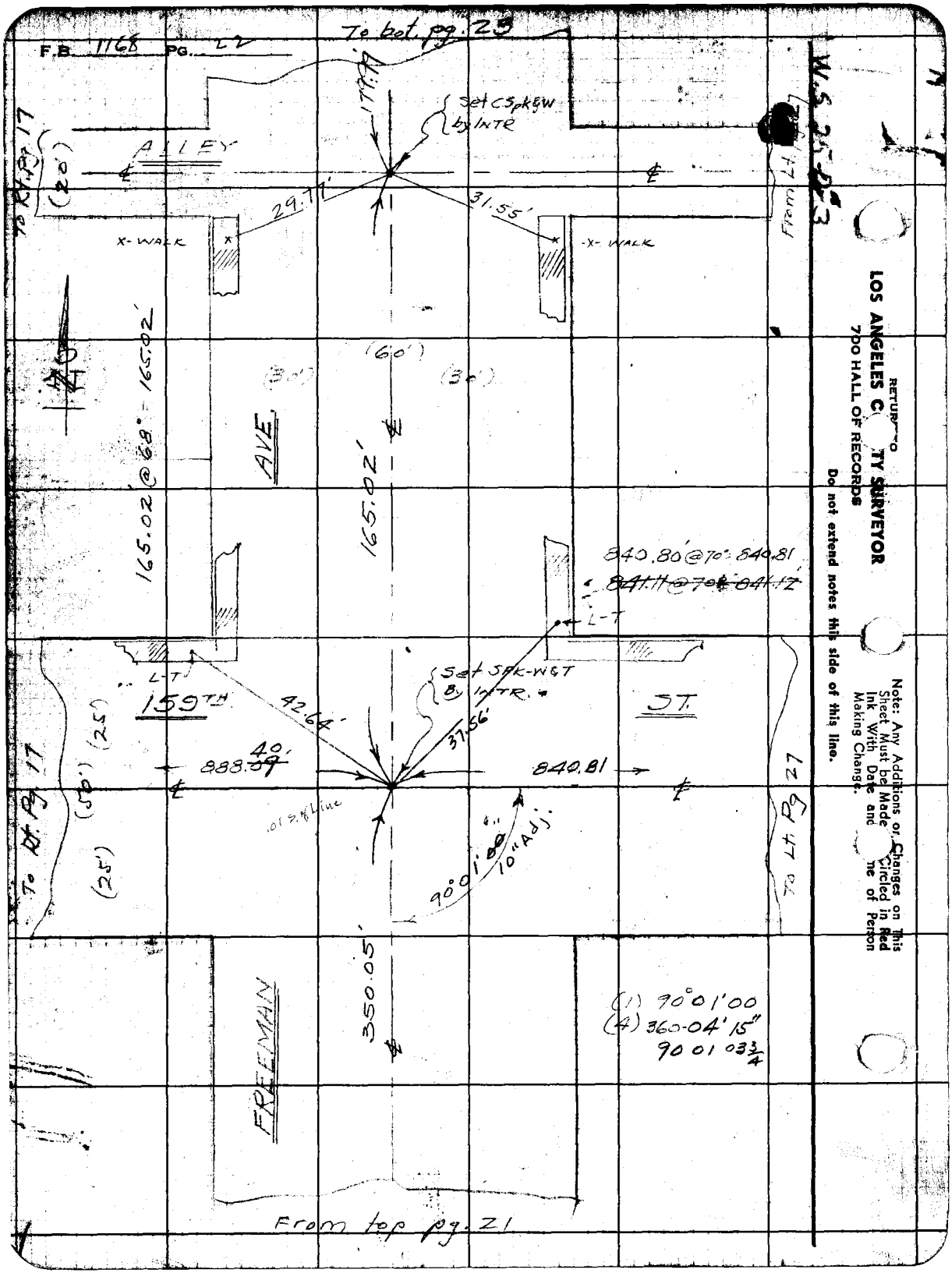
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 11-41


F.B. 1168 PG. 22
To bot. pg. 23
W.S. 25-D3
ALLEY
Set CSpk&W by INTR
177.79'
29.77'
31.55'
X-WALK
X-WALK
To Rt. Pg. 17
(20')
From Lt. 17
(60')
(30')
(30')
AVE.
165.02' @ 68° = 165.02'
165.02'
840.80' @ 70° = 840.81
~~841.11 @ 70° = 841.12~~
L-T
L-T
159TH
ST.
Set SPK-W&T By INTR.
42.64'
37.56'
888.~~09~~ 40'
840.81
(25')
(50')
(25')
To Rt. Pg. 17
To Lt. Pg. 27
.01 S.&Line
90°01'00" 10" Adj.
350.05'
FREEMAN
(1) 90°01'00
(4) 360-04'15"
90 01 03 3/4
From top pg. 21
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
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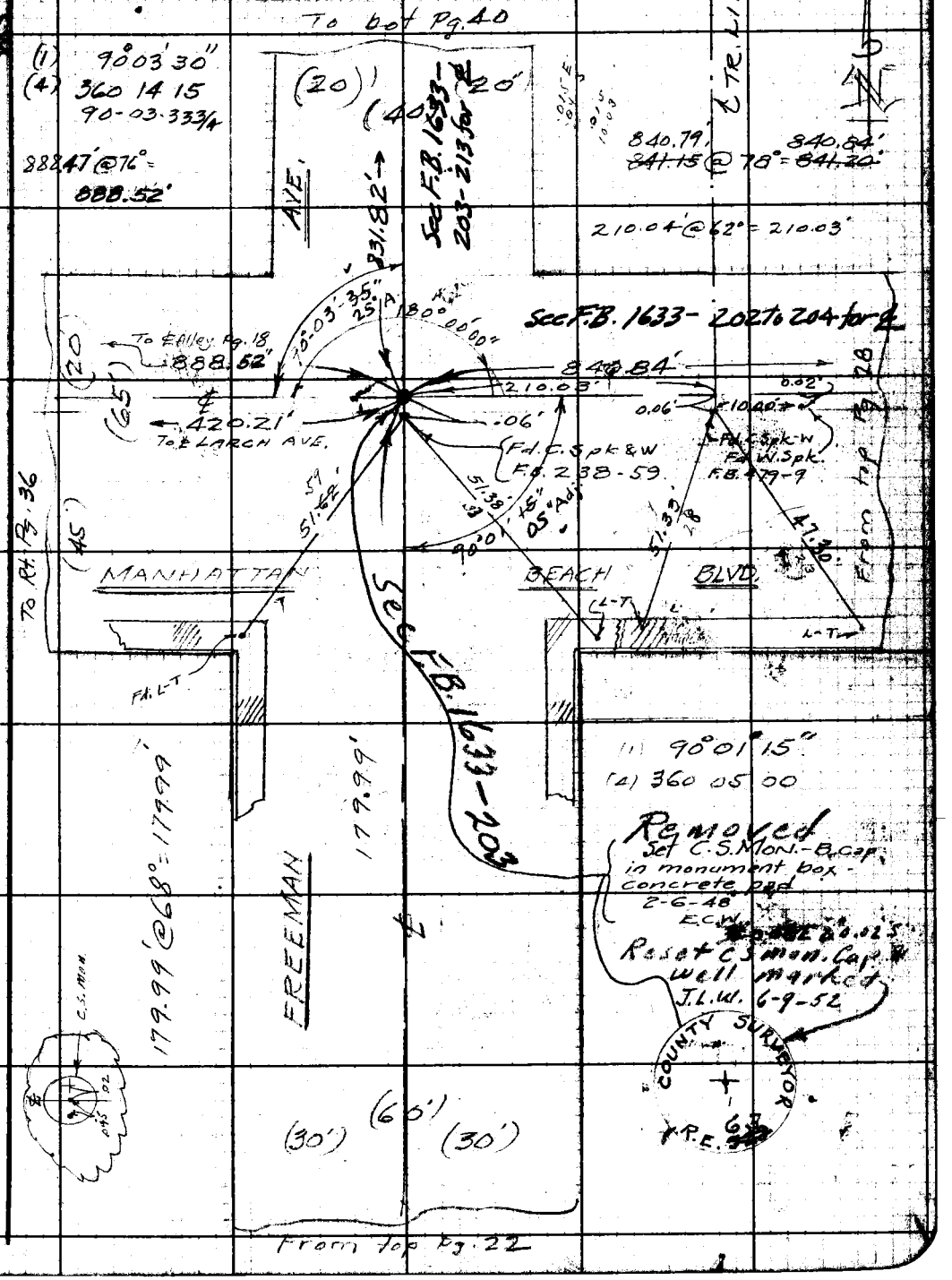
Notes Ck'd by A.A.R.	Survey of 161ST ST	F.B. 1168 Pg. 23
Map No. Sur. Div. 39-59	W. O. 1141 Tape No. 84 St'd 68 °F	
Office Work	Surveyed by WALLACE	
Checked	Notes ✓ Date Nov. 1945	
Date	Indexed A. C. Johnson	



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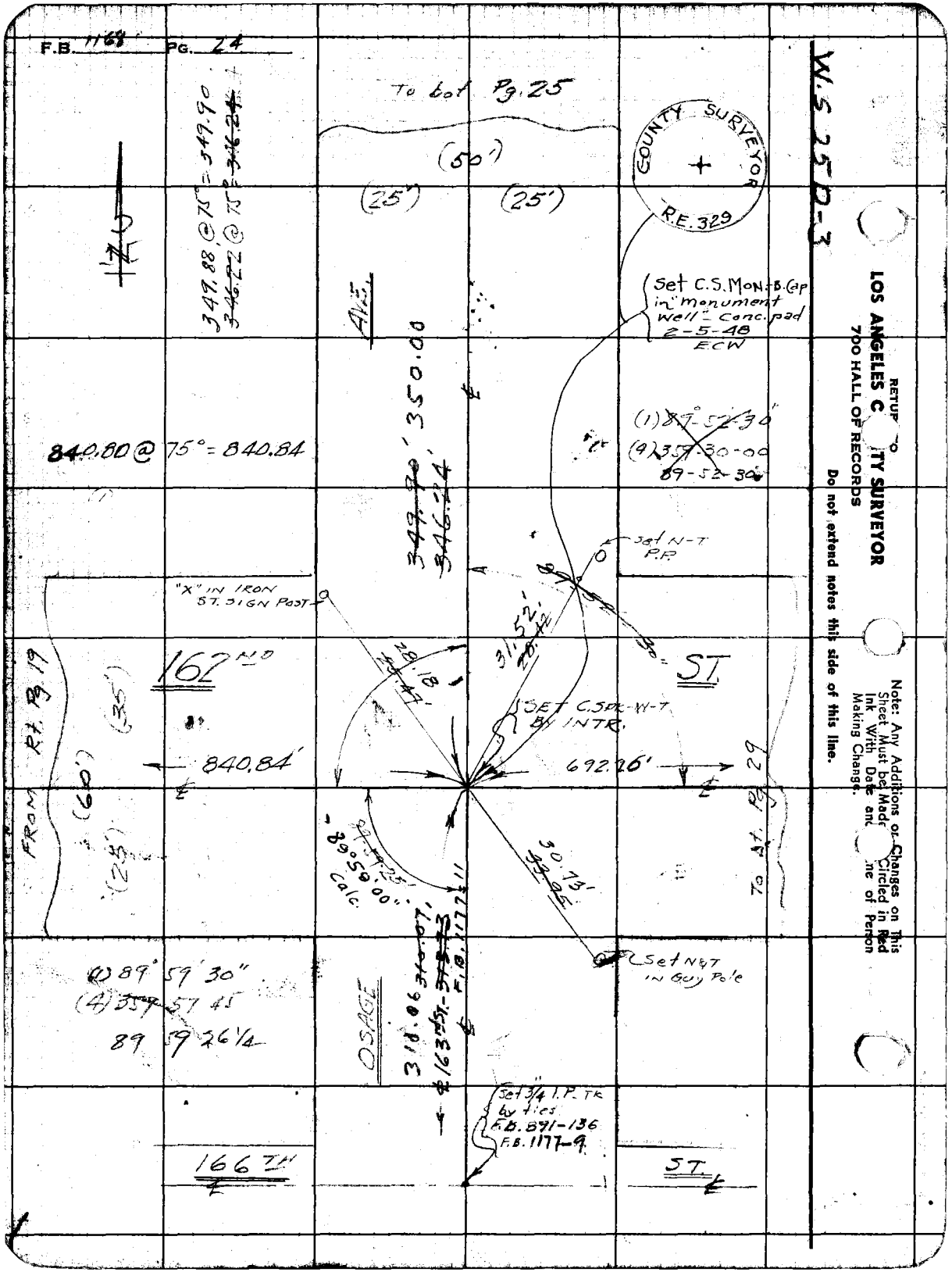
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 11-41


F.B. 1168 PG. 24
To bot Pg. 25
(50')
(25')
(25')
COUNTY SURVEYOR
R.E. 329
W.S. 25 D-3
349.88 @ 75° = 349.90
346.22 @ 75° = 346.24
AVE.
Set C.S. Mon. B. Cap in "monument well" - Conc. pad 2-5-48 ECW
350.00
349.90
346.24
(1) 89°-52'-30"
(4) 359-30-00
89-52-30
840.80 @ 75° = 840.84
Set N-T P.P.
"X" IN IRON ST. SIGN POST
162ND
ST.
31.52'
28.18
SET C.SPK-W-T BY INTR.
840.84'
692.26'
FROM Rt. Pg. 19
(35')
(60')
(25')
To Rt. Pg. 29
89°59'00" Calc.
30.73'
Set N&T in Guy Pole
(1) 89° 59' 30"
(4) 359 57 45
89 59 26 1/4
OSAGE
310.06
163rd ST.
F.B. 1177-11
Set 3/4 I.P. TK by ties F.B. 891-136 F.B. 1177-9
166TH
ST.
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
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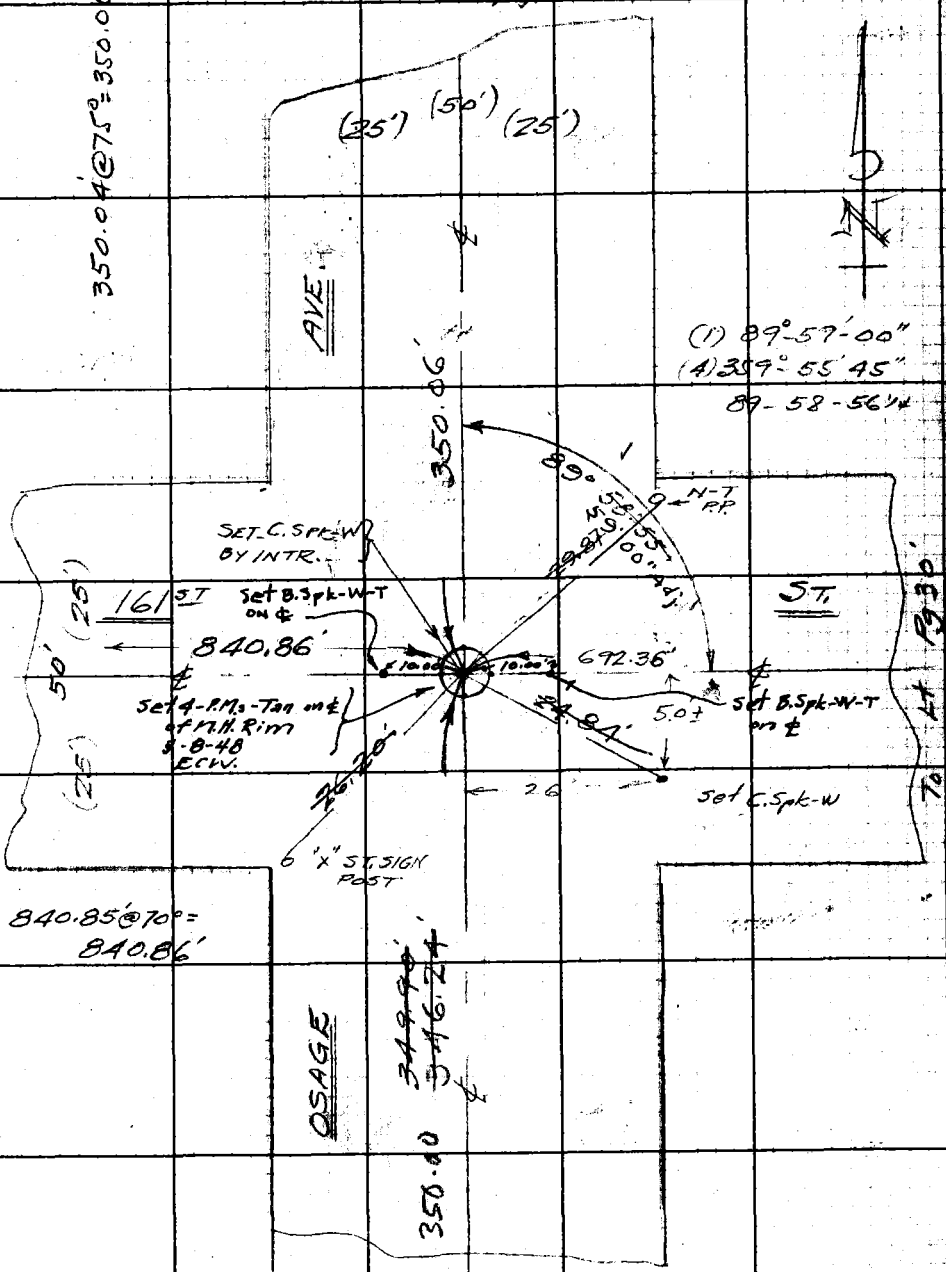
Notes Ck'd by A.A.R.	Survey of 161ST ST	F.B. 1168	Pg. 25
Map No. Sur. Div. 39-59	W. O. 1141 Tape No. 84 St'd 68 °F		
Office Work	Surveyed by WALLACE		
Checked	Notes W Date Nov 1945		
Date	Indexed A. C. Jannsen		

W.S. 75 D-3

To bot. Pg 26



From top Pg. 24

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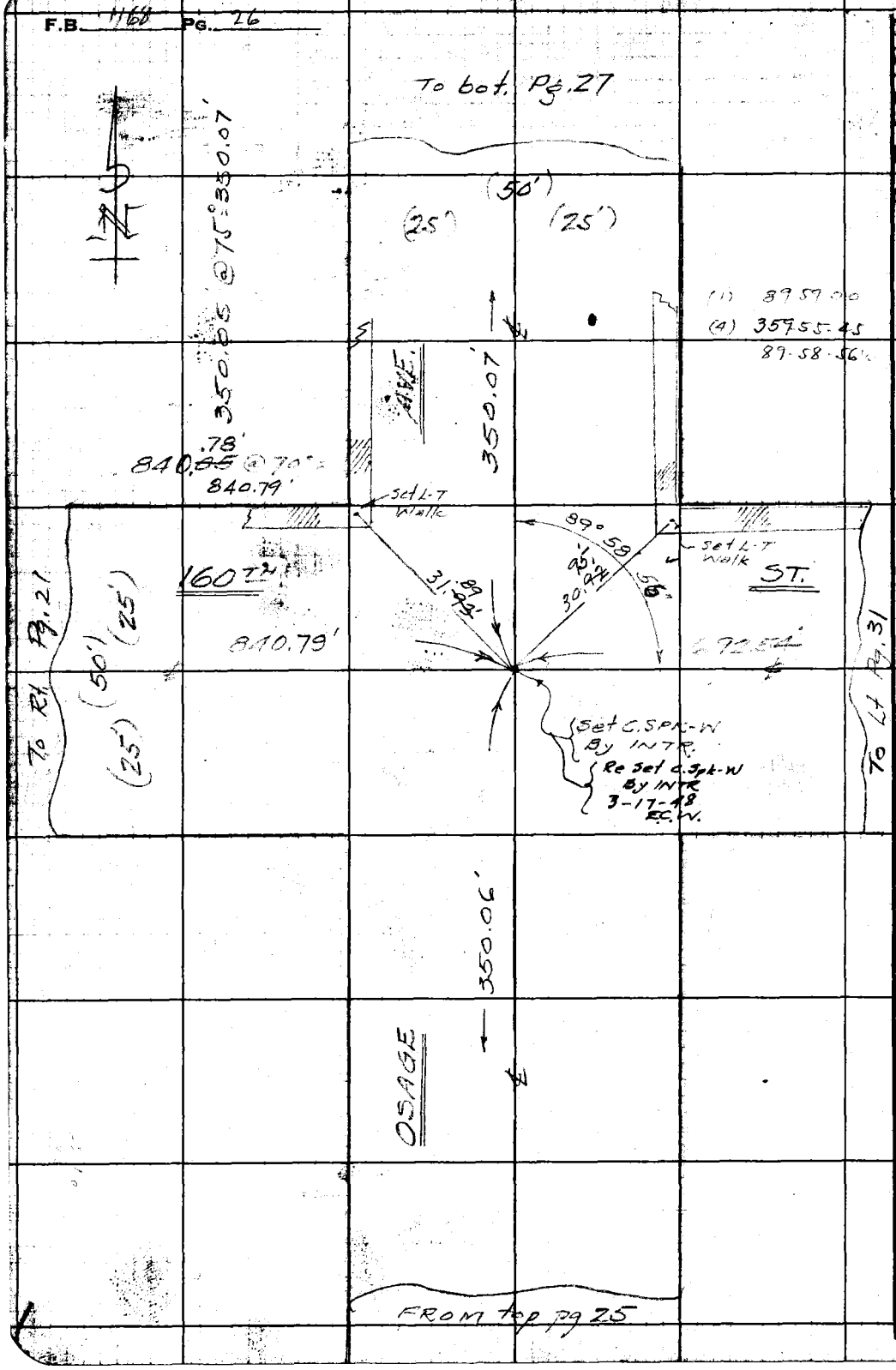
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 11-41

F.B. 1168 Pg. 26



W.S. 25 D-3

RETUR[illegible]

LOS ANGELES C[illegible]TY SURVEYOR

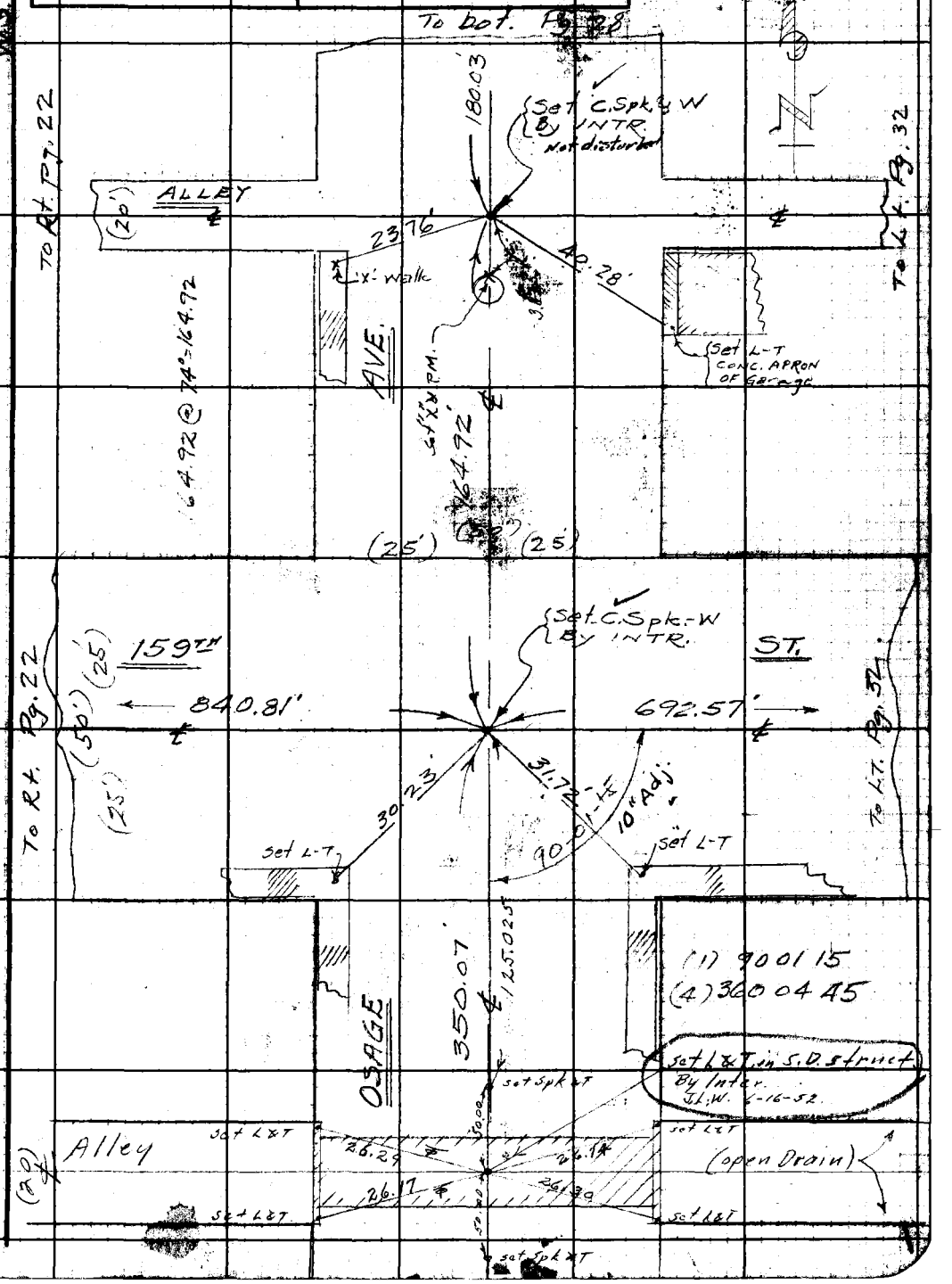
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by A.A.R.	Survey of 161ST ST	F.B. 1168 Pg. 27
Map No. Sur. Div. 39-59	W. O. 1141 Tape No. 84 St'd 68 °F	
Office Work	Surveyed by Wallace	
Checked	Notes W Date Nov 1945	
Date	Indexed C. Johnson	

W.S. 25 D-3



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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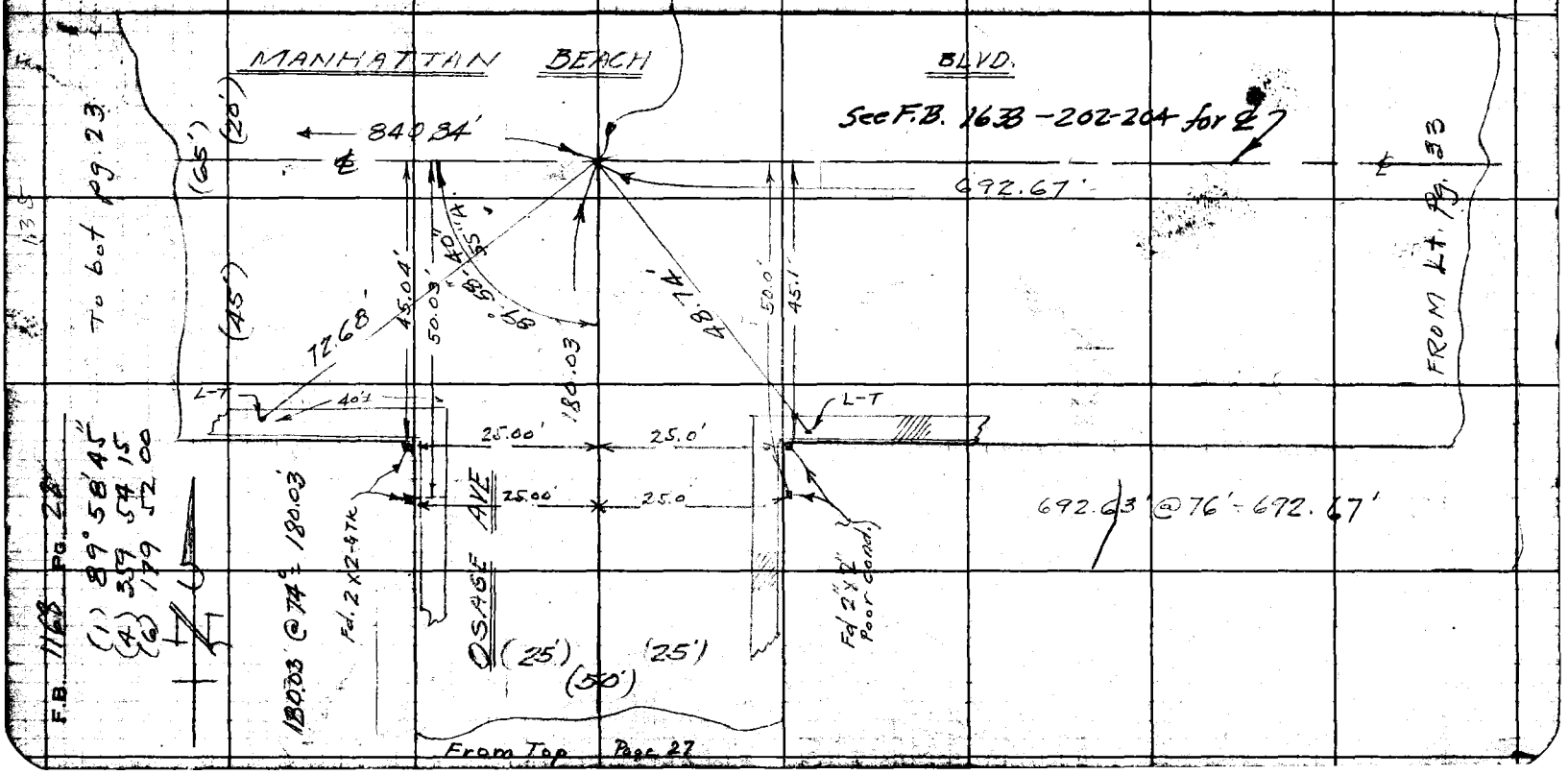
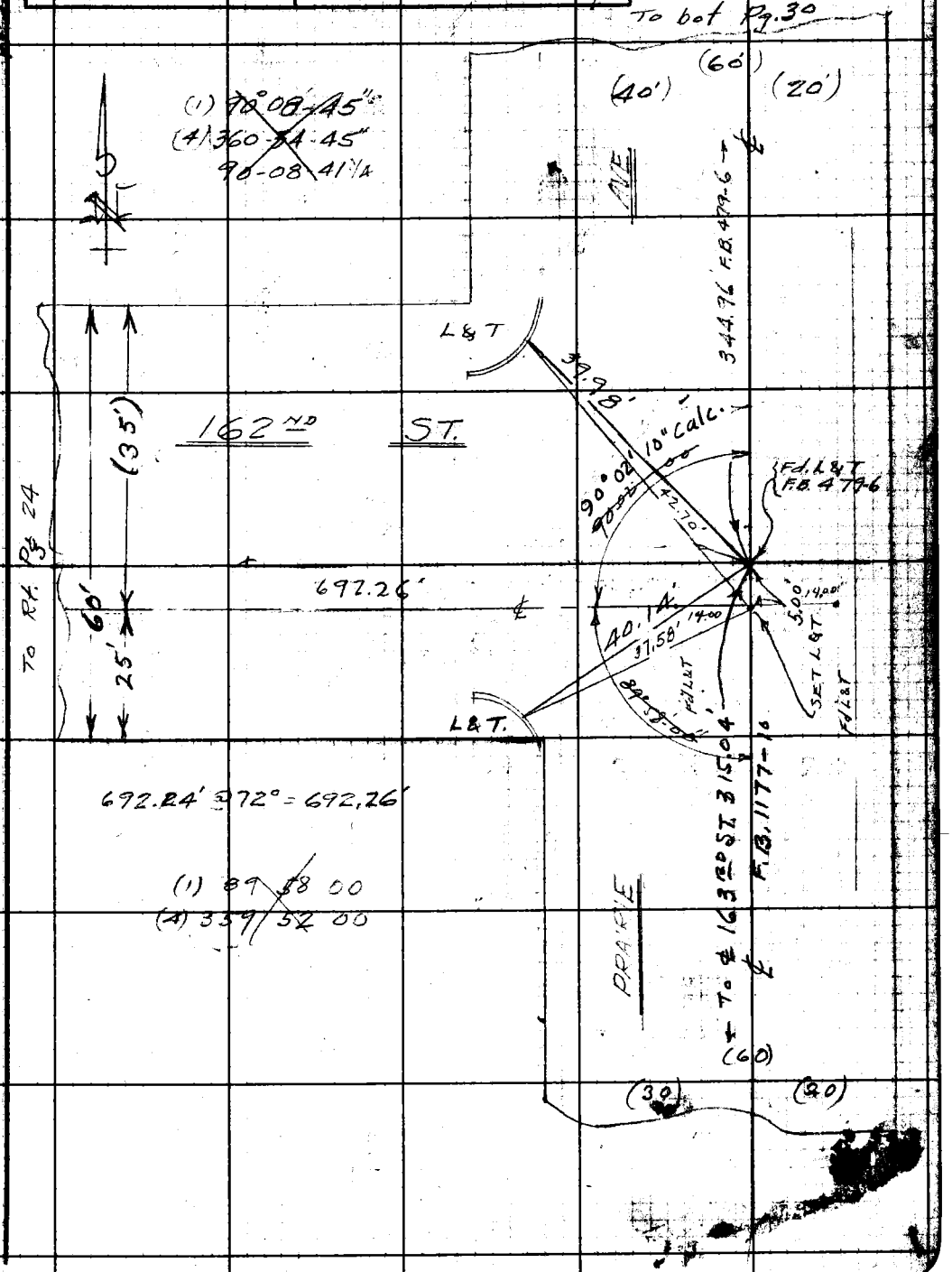
Do not extend notes this side of this line.

W.S. 25D-3



Notes Ck'd by A.A.R.	Survey of 161st ST	F.B. 1168	Pg. 29
Map No. Sur. Div. 39-59	W. O. 1141 Tape No. 84 St'd 68 °F		
Office Work	Surveyed by Wallace		
Checked	Notes W Date Nov 1945		
Date	Indexed A. C. Johnson		

W.S. 25D-3



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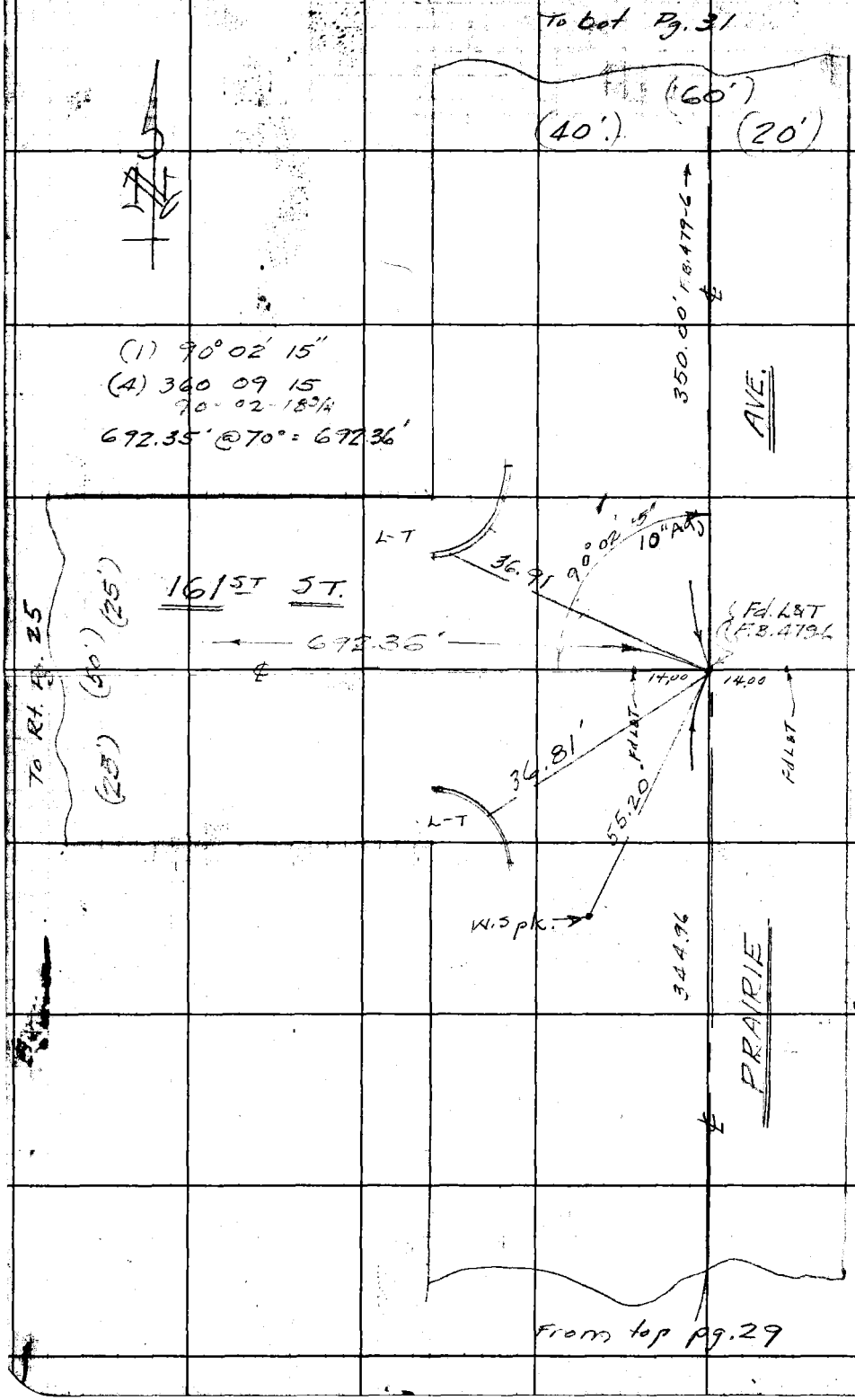
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 11-41

F.B. 1168 PG. 30



W.S. 25-D-3

RETU[illegible]
LOS ANGELES C[illegible]TY SURVEYOR
700 HALL OF RECORDS

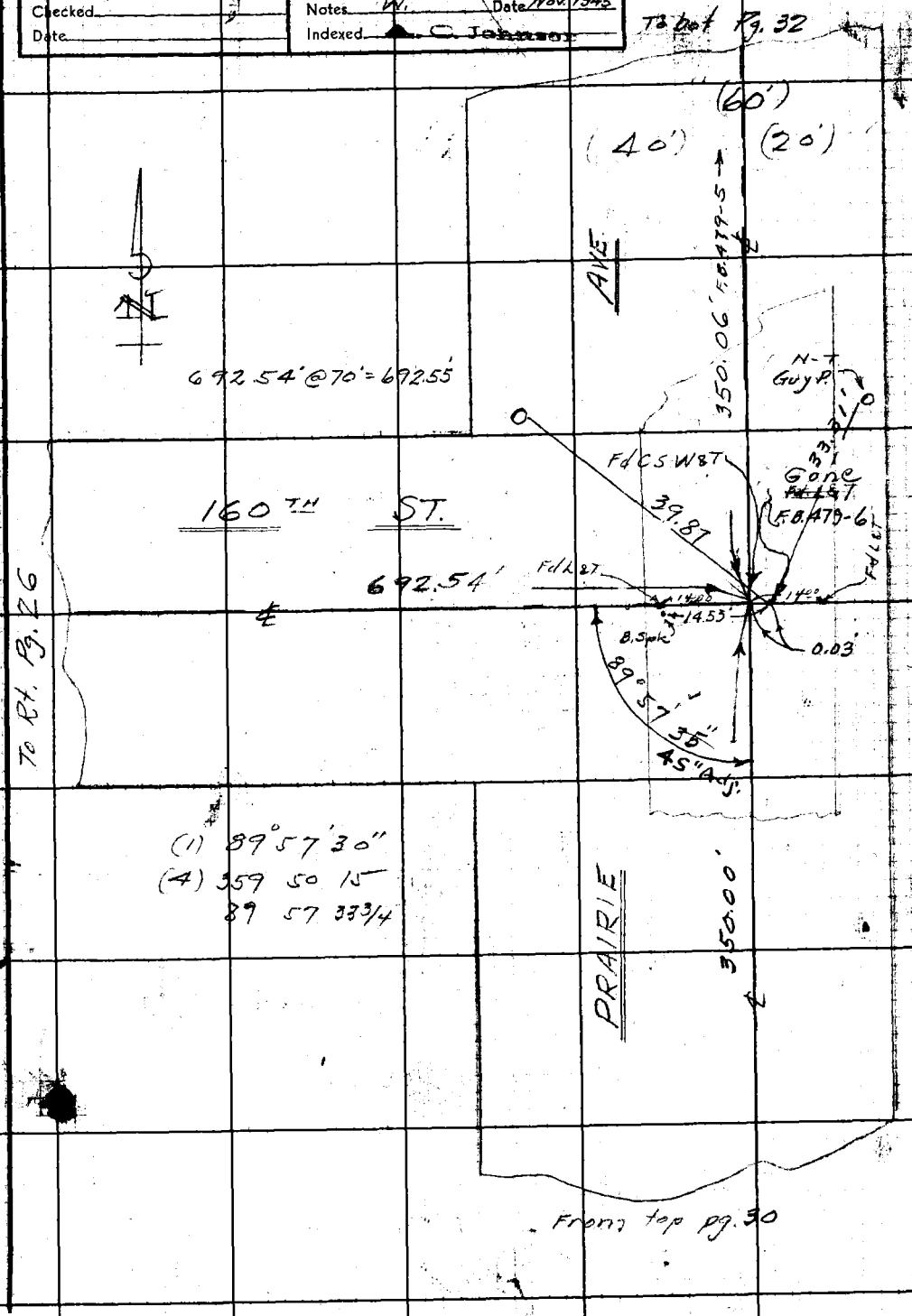
Do not extend notes this side of this line.

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

Notes Ck'd by A.A.R.	Survey of
Map No. Sur. Div. 39-59	W. O. 1141 Tape No. 84 St'd 68 °F
Office Work	Surveyed by WALLACE
Checked	Notes W. Date Nov. 1945
Date	Indexed A. C. Johnson

F.B. 1168 PG. 31

W.S. 25 D.3



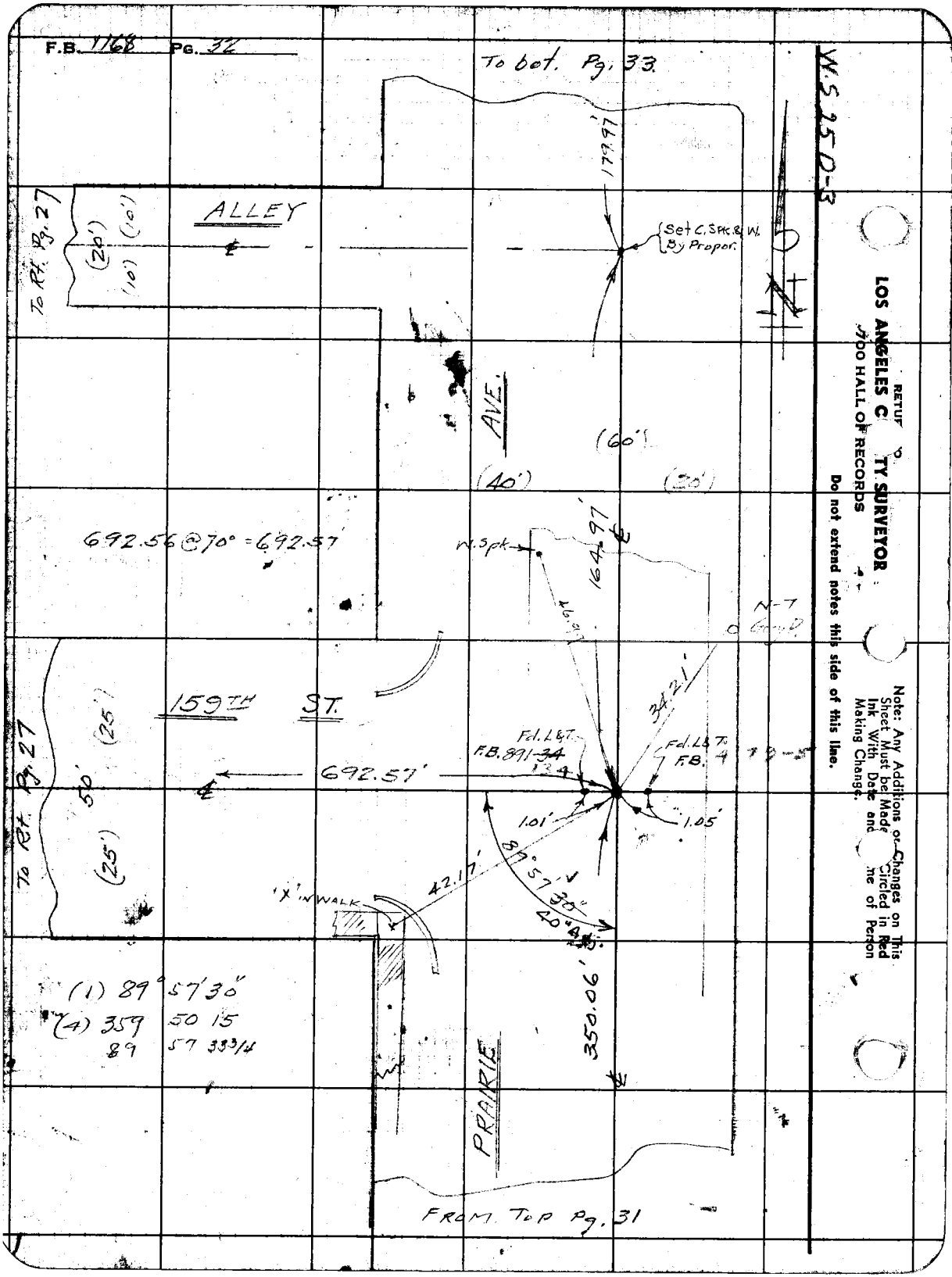
Note: Any Additions Changes on This Sheet Must be Made Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 11-41

F.B. 1168 Pg. 32



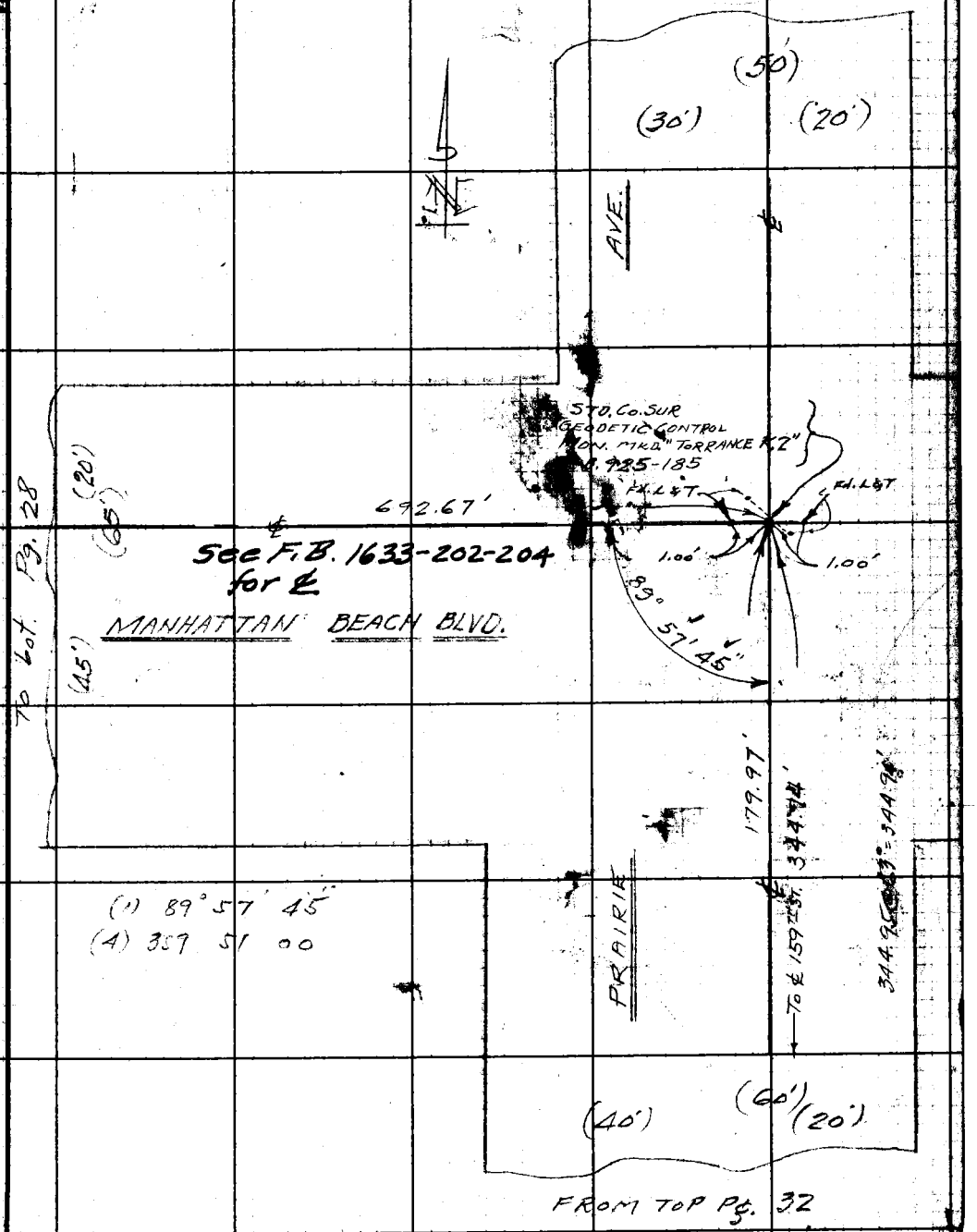
RETUR[illegible]
LOS ANGELES C[illegible]TY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by A.A.R.	Survey of 161ST ST	F.B. 1168	Pg. 53
Map No. Sur. Div. 39-54	W. O. 1141 Tape No. 84 St'd 68 °F		
Office Work	Surveyed by WALLACE		
Checked	Notes W. Date 11-27-45		
Date	Indexed A. C. Johnson		

WS 2570-3



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

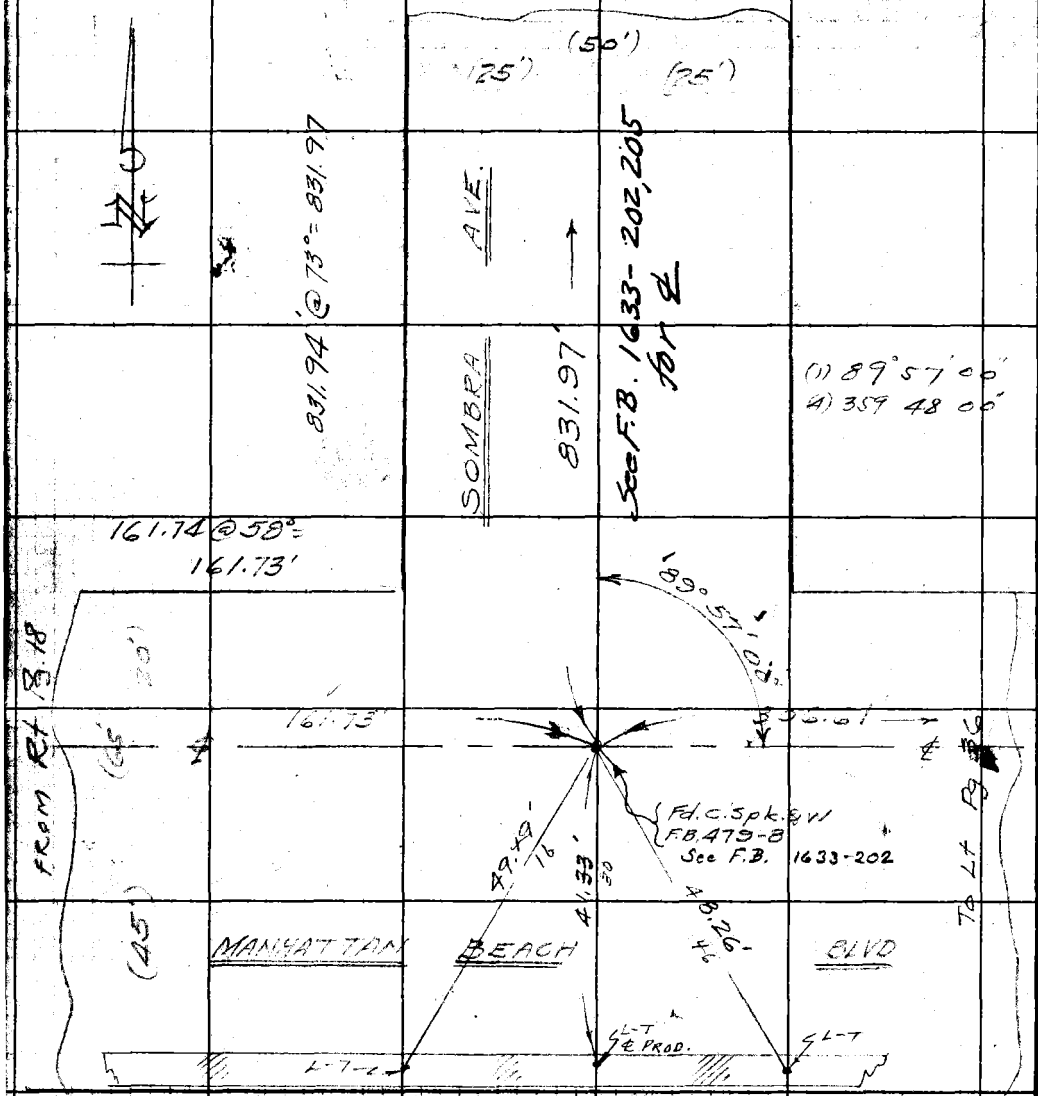
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 11-41

F.B. 1168 PG. 34

To bot. pg. 35



W.S. 25 C-3

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by A.A.R.	Survey of 161st ST	F.B. 1168	PG. 35
Map No. Sur. Div. 39-59	W. O. 1141 Tape No. 84 St'd 68 °F		
Office Work	Surveyed by Wallace		
Checked	Notes W. Date 12-3-45		
Date	Indexed A. C. Johnson		

633.27 @ 66° = 633.26' - Hawthorne Ave. To Larch Ave.

"X" Top Rim Fire Hyd.

Re Set C.Spk-W - by ties 3-17-48 ECW

156TH ST.

Set C Spk & W By Prop. dist - 2" D.P. bet. Hawthorne Ave & Larch Ave

326.63'

306.63'

To Rt. Pg. 11

To Lt. Pg. 37

(40')

(20')

38.46'

35.23'

10" Adj.

90° 02' 05"

B.Spk

L-T

(1) 90° 02' 00"
(4) 360 08 15
90 02 03 3/4

831.97'

AVE.

SOMBRA

See F.B. 1633-202, 205 for ℄

(25')

(25')

(50')

From top Pg. 34

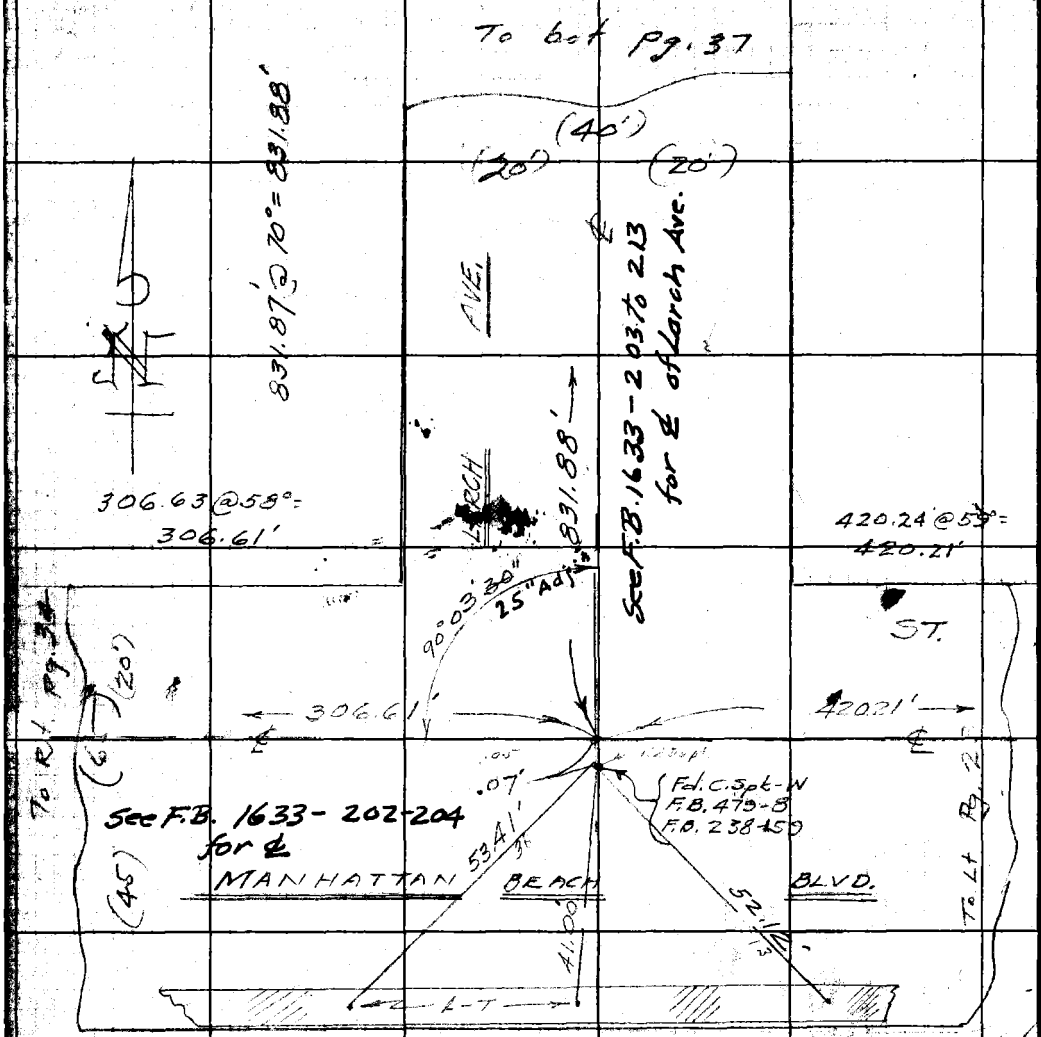
Note: Any Additions Changes on This Sheet Must be Ma Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 11-41

F.B. 1168 PG. 36



(1) 90° 03' 30"
(4) 360 14 15
90 03 33 3/4

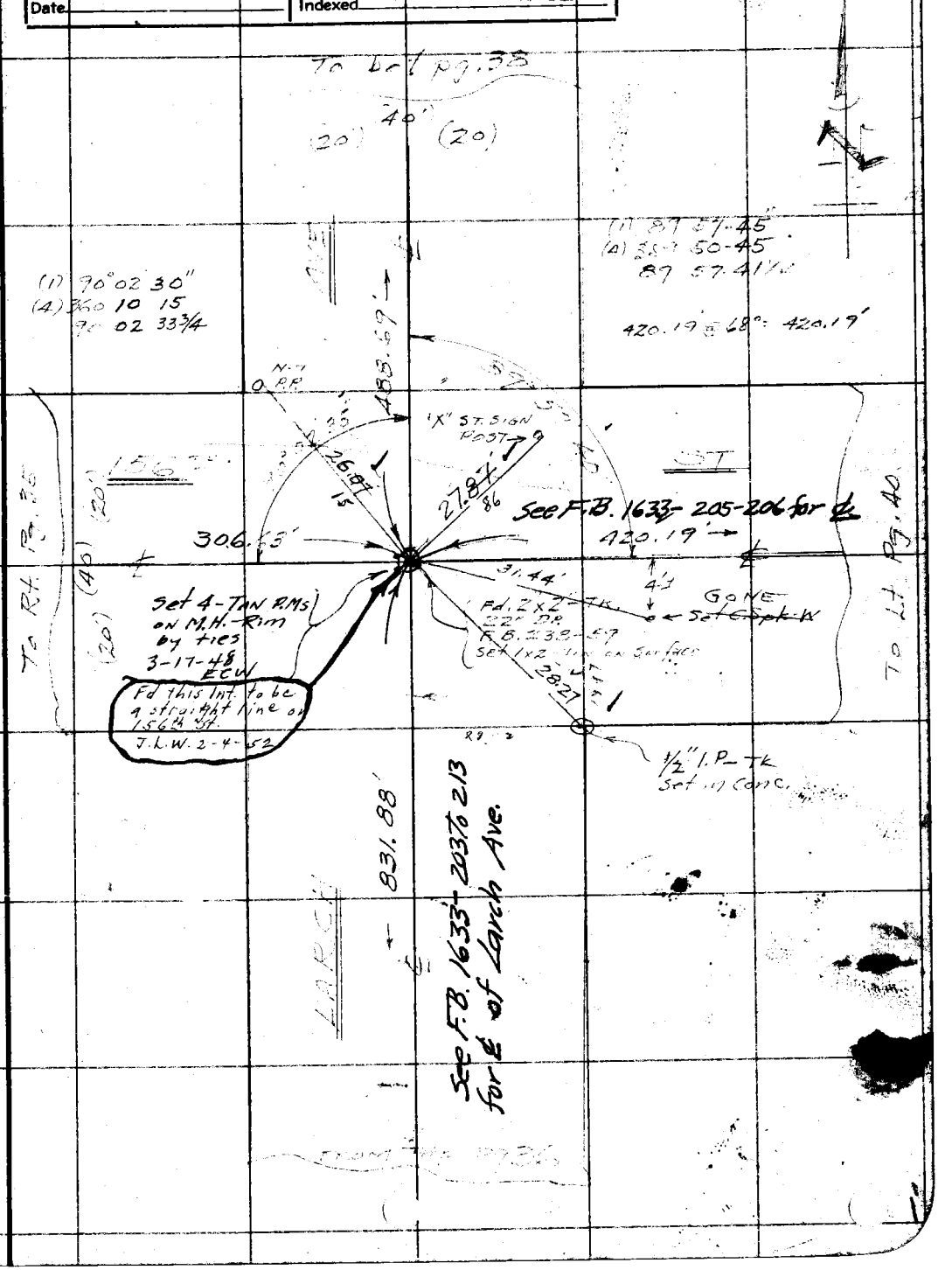
W.S. 35 C-3

RETUR
LOS ANGELES C TY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by A. A. R.	Survey of 161st ST	F.B. 1168 Pg. 37
Map No. Sur. Div. 39-59	W. O. 1141 Tape No. 84 St'd 68 °F.	
Office Work	Surveyed by Wallace	
Checked	Notes W Date 12-3-45	
Date	Indexed A. C. Johnson	



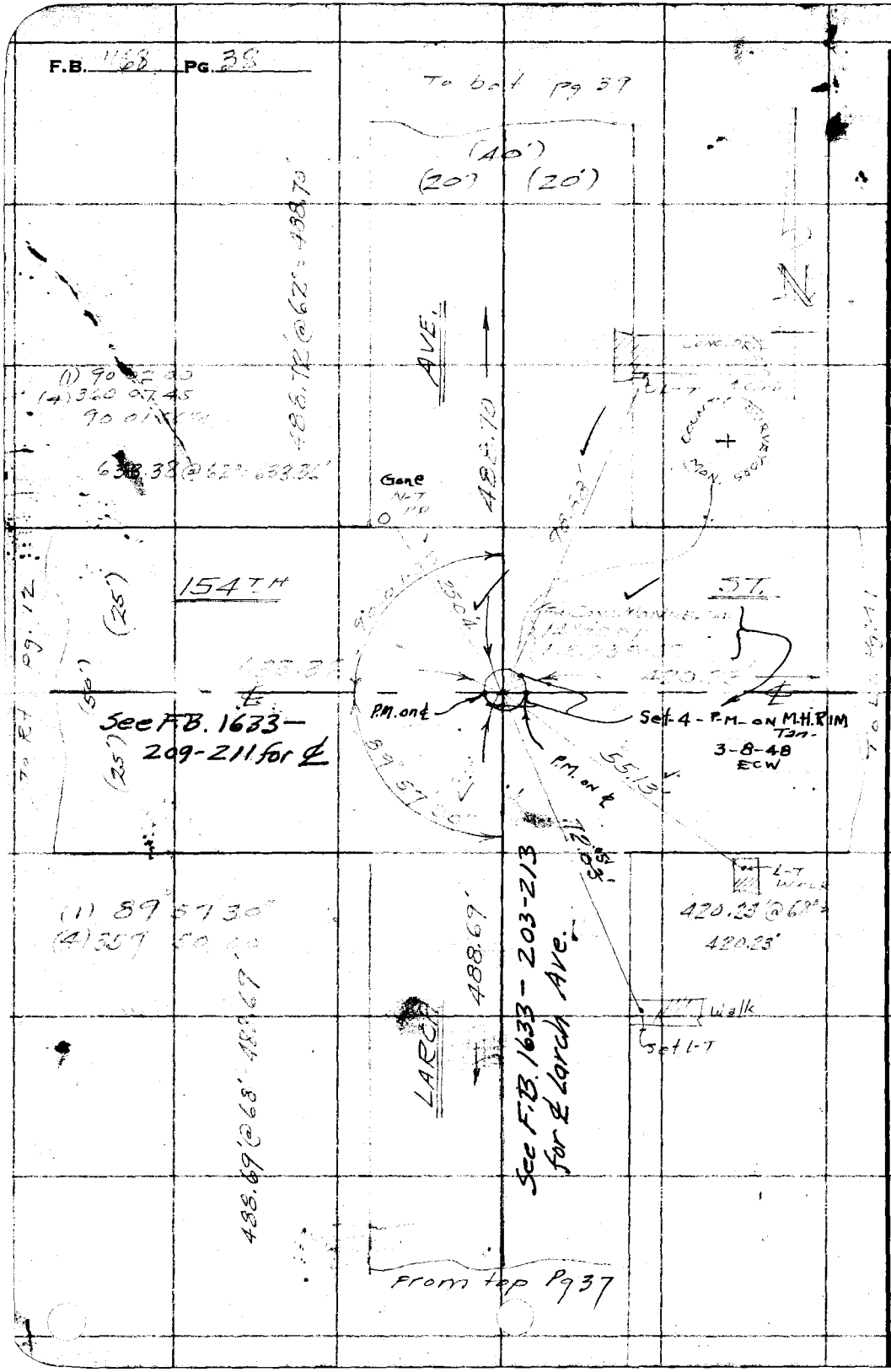
Note: Any Additions or Changes on This Sheet Must be Made Circled in Red Ink With Date and Line of Person Making Change.

Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 11-35

F.B. 1168 PG. 38



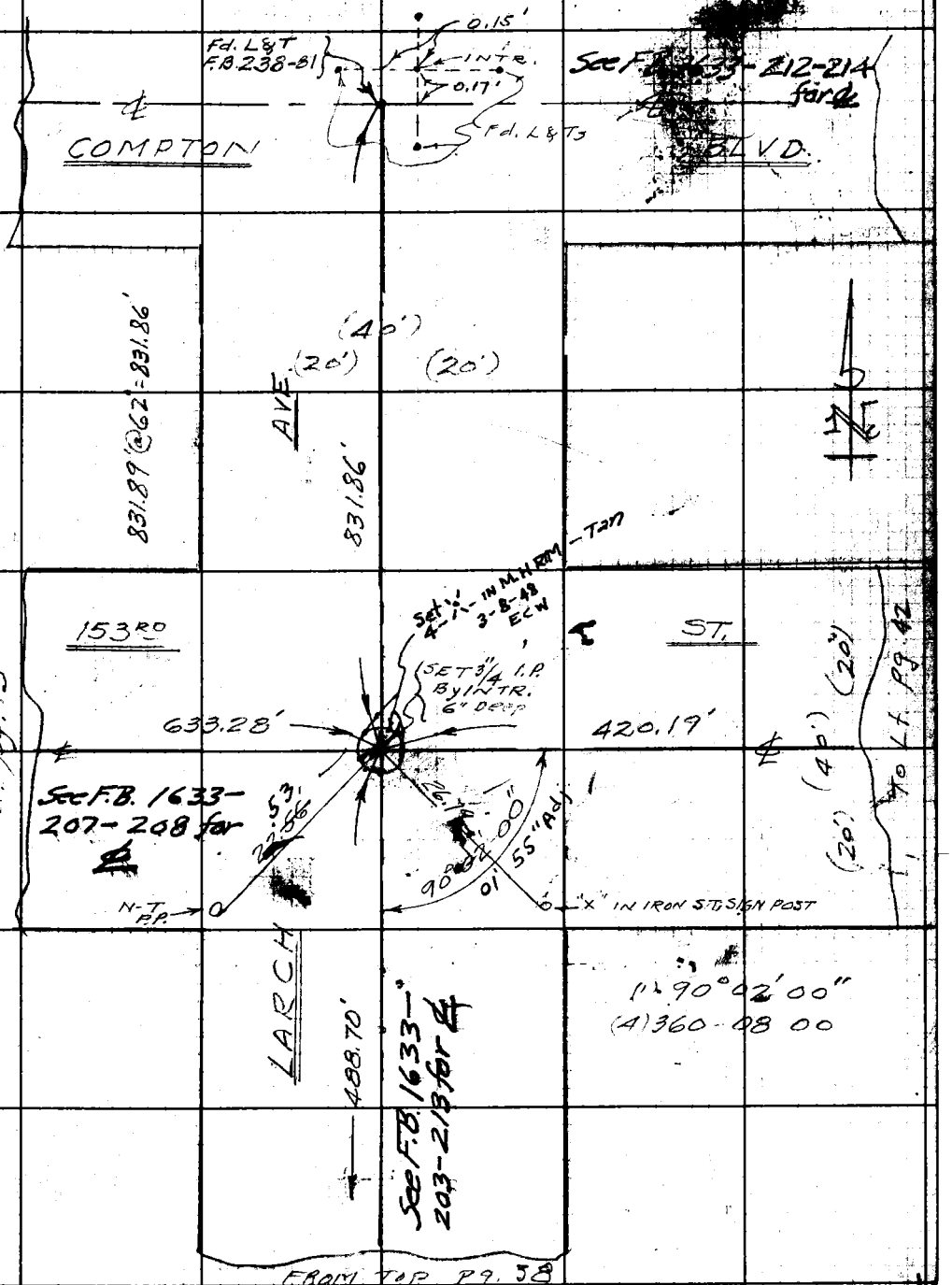
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

Notes Ck'd by A.A.R.	Survey of 161st ST	F.B. 1168	Page 39
Map No. Sur. Div. 39-59	W. O. 1141 Tape No. 84 St'd 68 °F		
Office Work	Surveyed by WALLACE		
Checked	Notes W. Date 12-4-45		
Date	Indexed A. C. Johnson		

W.S. 25 C-3



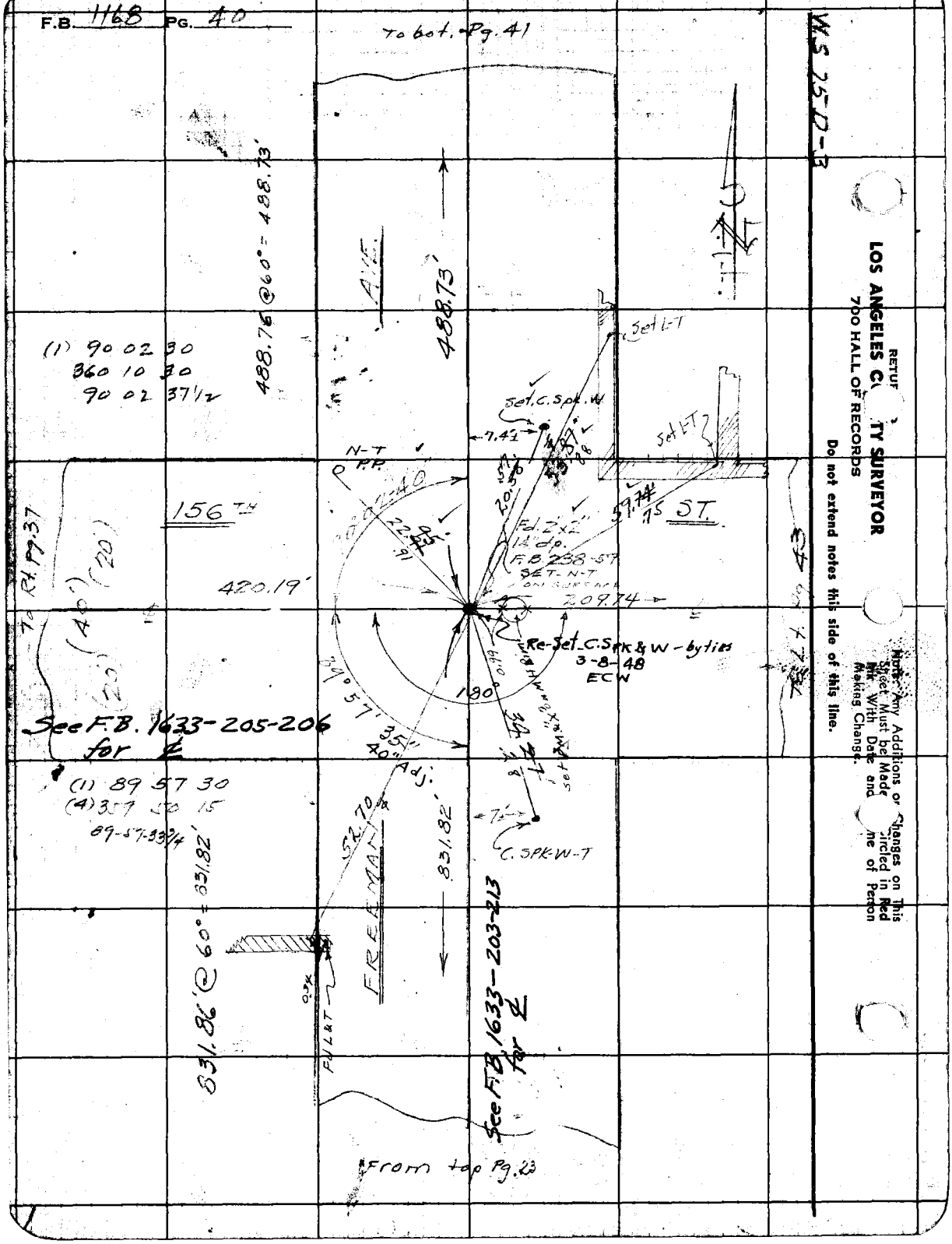
Note: Any Additions Changes on This Sheet Must be Made Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 11-41

F.B. 1168 PG. 40



RETU
LOS ANGELES C TY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

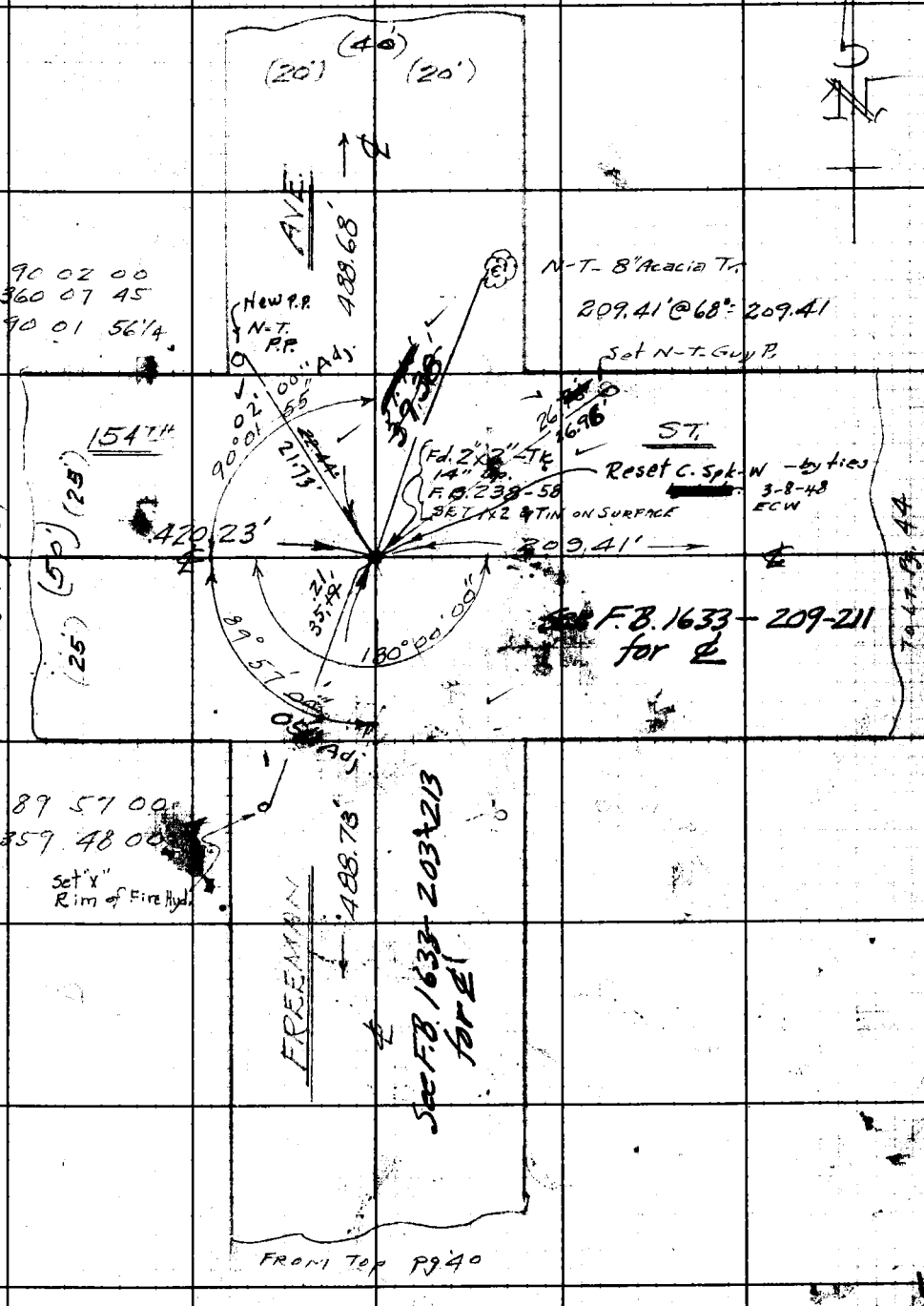
F.B. 1168 PG. 41

Notes Ck'd by A.A.R.
Map No. Sur. Div. 29-59
Office Work
Checked
Date

Survey of 161st ST
W. O. 1141 Tape No. 94 St'd 68 °F
Surveyed by WALLACE
Notes W Date 12-3-45
Indexed C. Johnson

To bot. Pg. 42

W.S. 25D-3



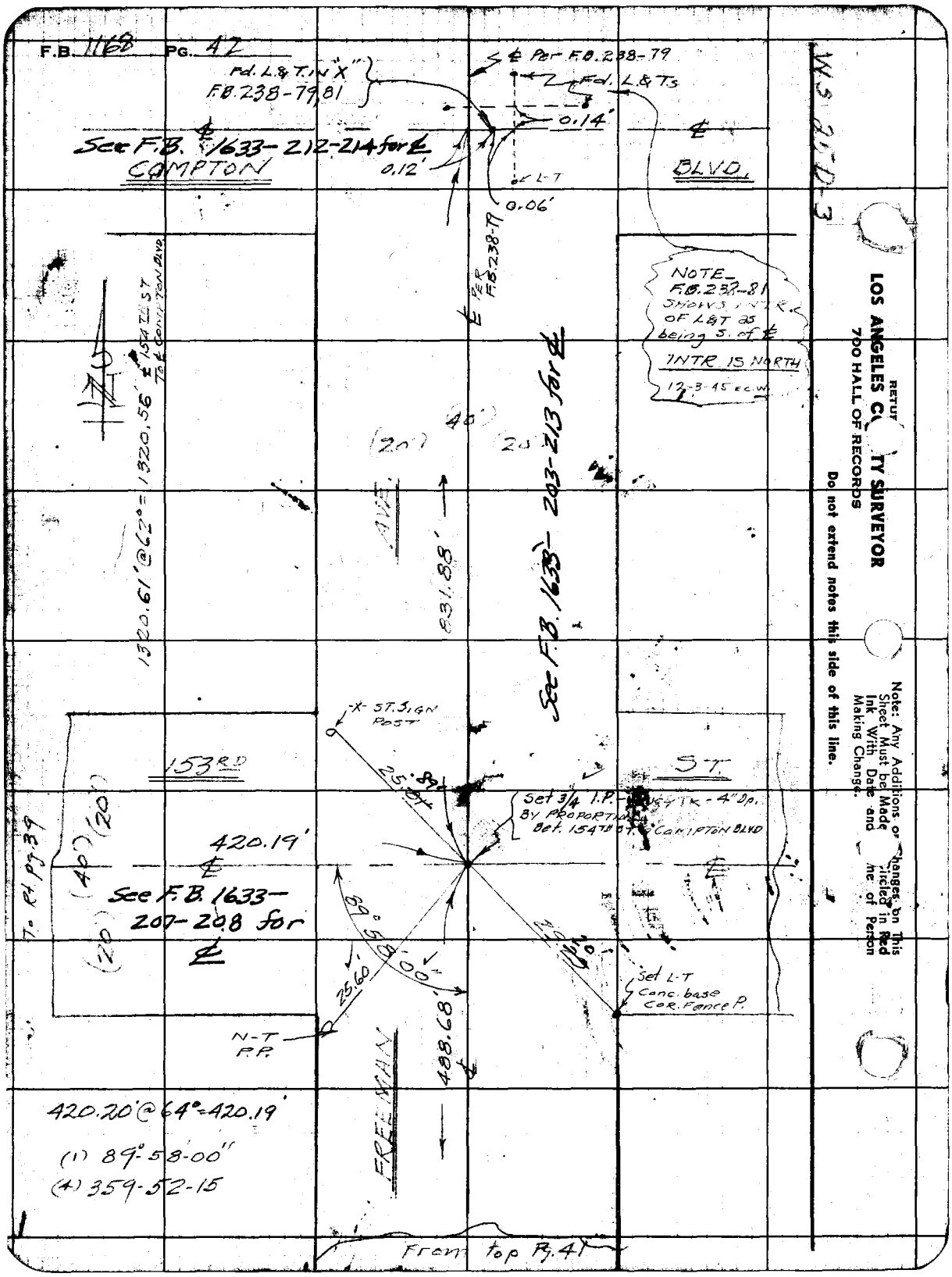
Changes on This Sheet Must be Made in Ink With Date and Name of Person Making Change.

Note: Any Additions Circled in Red

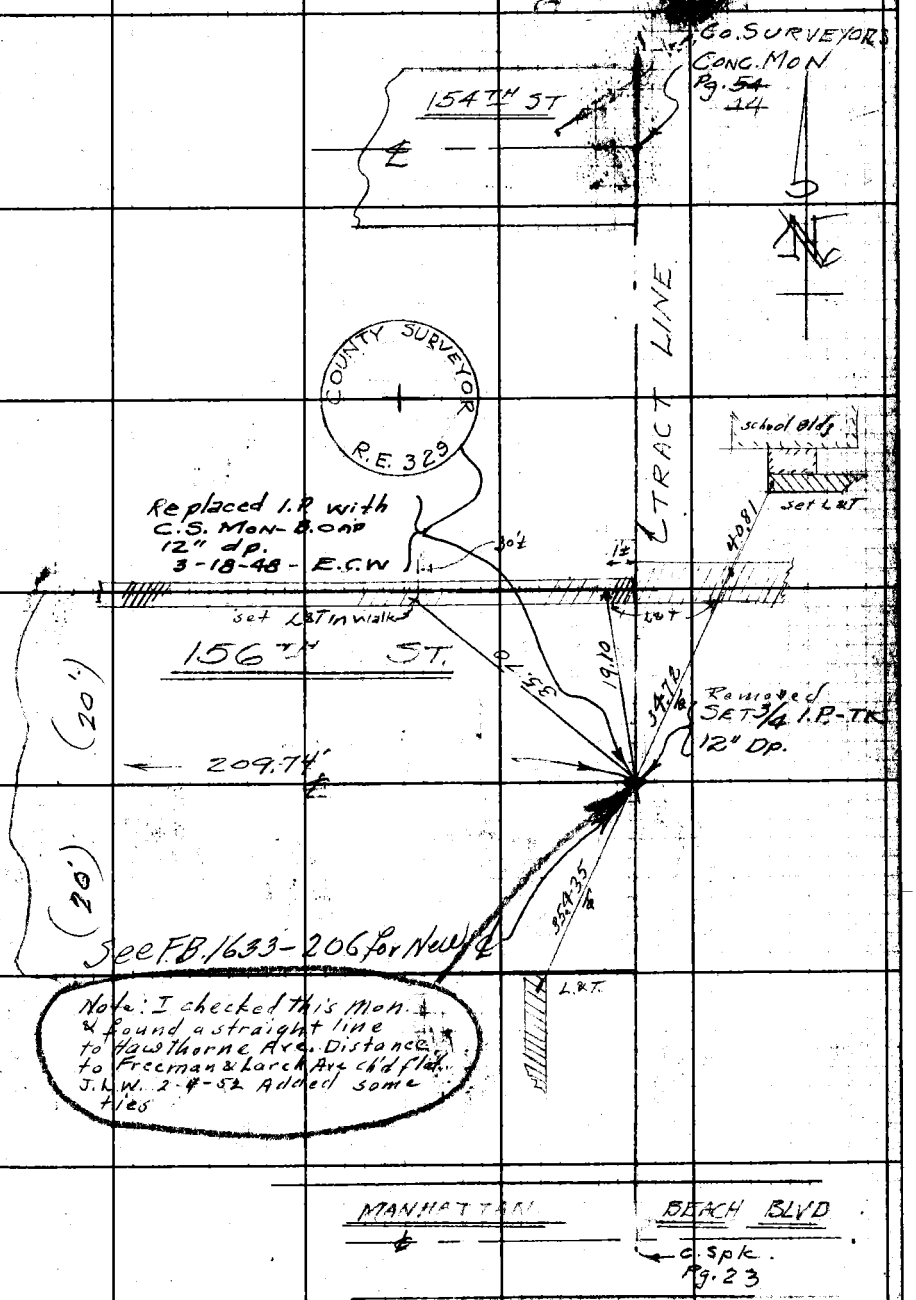
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 RM 11-61


F.B. 1168 PG. 42
Fd. L.&T. in "X" F.B. 238-79, 81
℄ Per F.B. 238-79
Fd. L.&T.s
0.14'
See F.B. 1633-212-214 for ℄
CAMPTON
BLVD.
0.12'
L-T
0.06'
℄ PER F.B. 238-79
NOTE- F.B. 238-81 SHOWS INTR. OF L&T as being S. of ℄
INTR IS NORTH
12-3-45 E.C.W.
1320.61' @ 62° = 1320.56' ± 154TH ST TO ℄ CAMPTON BLVD
(20') (40') (20')
AVE.
831.88'
See F.B. 1633-203-213 for ℄
X-ST. SIGN POST
153RD
ST.
Set 3/4 I.P. BY PROPORTION Bet. 154TH ST. & CAMPTON BLVD
420.19'
See F.B. 1633-207-208 for ℄
(40') (20') (20')
To Rt. pg. 39
89°58'00"
25.60'
488.68'
Set L-T Conc. base Cor. Fence P.
N-T P.P.
FREEMAN
420.20' @ 64° = 420.19'
(1) 89°58'00"
(4) 359-52-15
From top Pg. 41
W.S. 25 D-3
RETU
LOS ANGELES C TY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by A.A.R.	Survey of 161ST ST	F.B. 1168 43
Map No. Sur. Div. 39-59	W. O. 1141 Tape No. 84 St'd 68 °F	
Office Work	Surveyed by WALLACE	
Checked	Notes W Date 12-6-45	
Date	Indexed A. C. Johnson	



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 11-41

RETUR

LOS ANGELES C TY SURVEYOR

700 HALL OF RECORDS

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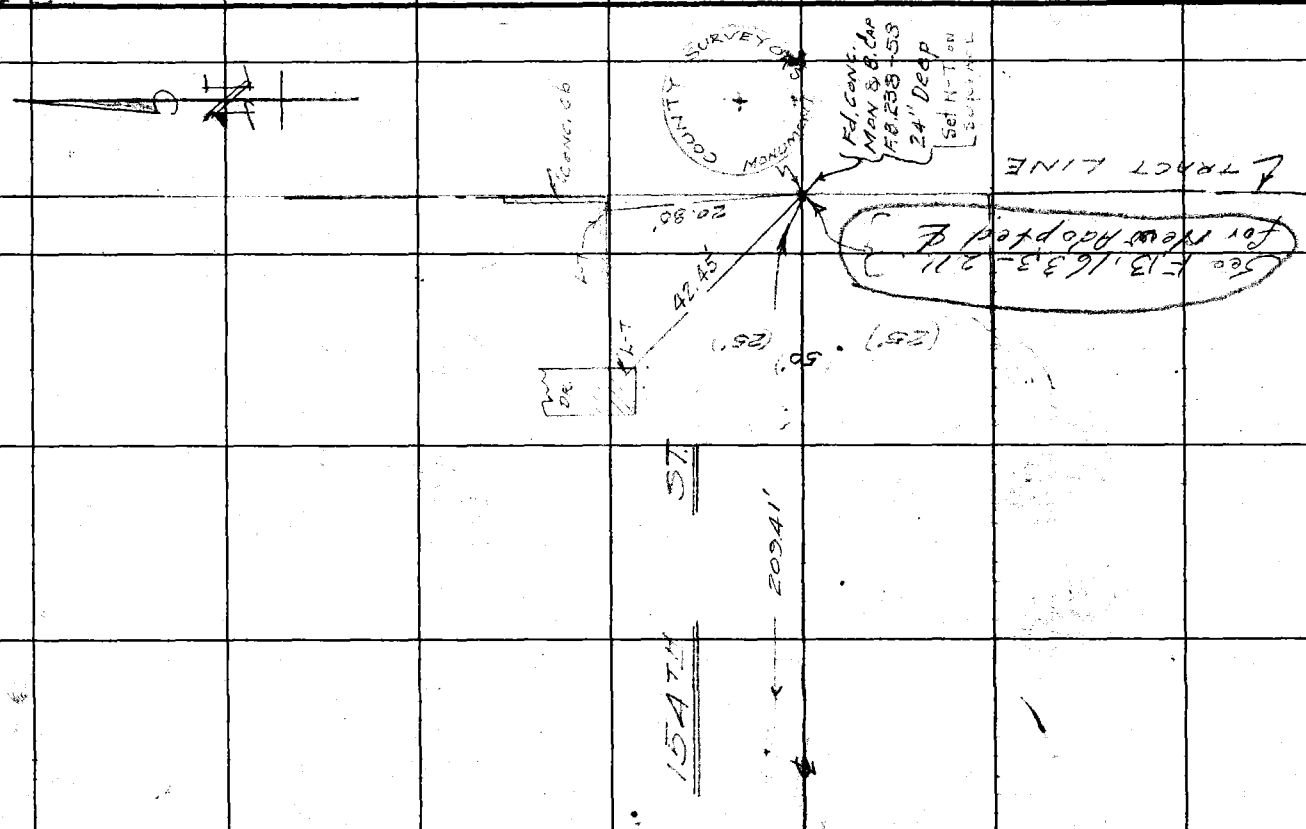
Do not extend notes this side of this line.

W.S. 25 D-3



F.B. 1169 PG. 44

NOTES RED. _____ JOB NO. 1141 SURVEY OF 161ST ST.

DATE _____ SURVEY BY WALLACE

NOTES CHKD. _____ NOTES BY WALLACE DATE 12-11-45

DATE _____ INDEXED A. C. Johnson DATE MAR 11 '47

F. B. 1168 PG. 45

DESCRIPTION	ADJ. ELEV.	3RD RUN	2ND RUN	DIFF.	1ST RUN	B. M.
C. I. 1141 - 161ST ST.						
B.M. CIRCUIT #1						
		WALLACE				

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

Do not extend notes this side of this line

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 353 1

FORM 3[illegible]M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

NOTES RED. _____ DATE _____ NOTES CHKD. _____ DATE _____

SURVEY OF 16[illegible] ST

JOB NO. 1141 SURVEY BY WALLACE DATE 12-11-45

NOTES BY A. C. Johnson DATE _____

INDEXED _____

F.B. 118 PG. 46

B. M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. FA-1	48.128				48.128	B.M. FA-1 EL. 48.128 F.B. 571-14 P. [illegible] AVE. & 162 ND ST. SW COR. 1.0' IN PAV. 14' W & 53' S. [illegible] INTR.
	4.947		4.888			
T	53.075	+0.504	+.505		+.505	
	4.443		4.383		48.627	B.M. #47 EL. 49.627 - F.B. 291-14 P. [illegible] AVE. & 161 ST. - SW COR. 1.8' N. 14' W & 5.13' [illegible]
B.M. #47	49.132				~~48.632~~	
	4.689	Q.	[illegible]	[illegible]		
T	53.821	+0.~~338~~	+.335	.334	+.334	
	4.561		[illegible]	[illegible]		
T.P.	48.760				48.967	
	4.867		4.680			
T	53.627	+0.437	+0.445		+.446	
	4.420		4.235			
T.P.	49.207				49.413	
	5.070		5.259			
T	54.477	+1.631	+1.631		+1.631	
	3.439		3.628		51.039	(B.M. FA-62 EL. 161 ST. & OSAGE AVE. N.E. COR. C.Spk. in P.P. 404634E)
(SET) B.M. FA62	51.038				~~51.038~~	
	3.533		3.563			
T	54.571	-1.522	-1.326		-1.324	
	4.855		4.889			
T.P.	49.716				49.720	
	5.021		4.873			
T	54.737	+0.152	+0.157		+0.155	
	4.568		4.716			
T.P.	49.869				49.875	
	4.664	5	5.093		28	
T	54.533	+1.42~~3~~	+1.430		+1.4~~30~~	
	3.239		3.663		51.299	B.M. FA63 EL. 161 ST. & FREEMAN AVE. NW COR. C.Spk. P.P. 223954E
(SET) B.M. FA63	51.294				~~51.297~~	

FORM 353 1M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

B. M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
					~~51.299~~	
B.M. FA63	51.234				~~51.297~~	See pg 46 for description
	4.255		4.442			
⊼	55.549	-0.063	-.067		-0.065	
	4.313		4.509			
T.P.	51.231				51.238 ~~51.240~~	
	5.424		5.275			
⊼	56.655	+1.735	+1.731		[illegible]	
	3.689		3.544			
T.P.	52.966				52.[illegible]75	
	6.270		6.360			
⊼	[illegible]	+2.511	+2.570		[illegible]	
	[illegible]		3.790		55.538 ~~55.535~~	
B.M. FA15	[illegible]					B.M. FA-15 El. 55.563 F.B. 801-27 HAWTHORNE AVE. & 16[illegible] ST. (E. SIDE) B.Spk. in Conc. pav. 9' W. ℄ intr.
	4.475		4.354			
⊼	60.012	-0.645	-.646		-.645	
	5.120		5.000		54.893 ~~54.890~~	
B.M. H5	54.892					B.M. H5 El. 54.892 F.B. 723-5 HAWTHORNE AVE. & 150TH ST. N.E. Cor B.Spk. 5' N. of N. and C.R.
	4.718		4.682			
⊼	59.610	-0.301	-.299		-.300	
	5.019		4.981		54.594 ~~54.590~~	
B.M. H6	54.591					B.M. H6 El. 54.646 F.B. 723-5 HAWTHORNE AVE. & 159TH ST. N.E. Cor B.Spk. 4' N. of N. and C.R.
	5.588		5.649			
⊼	60.179	+0.463	+.458		+.461	
	5.125		5.191		55.055 ~~55.051~~	
B.M. FA64	55.054					B.M. FA-64 El. MANHATTAN BEACH BLVD. & HAWTHORNE AVE. N.W. Cor C.Spk. in Cb. 12' N. & N. of C.R.
	2.853		2.574			
⊼	57.907	-2.747	-2.746		-2.747	
	5.600		5.320		52.309 ~~52.304~~	
B.M. 3A	52.307					B.M. 3A El. 52.305 L.B. 836-6 MANHATTAN BEACH BLVD. & SONORA AVE. L&T in Conc. Walk S. side ST. & prod.

NOTES RED. _____ DATE _____
NOTES CHKD. _____ DATE _____
INDEXED A. C. Johnson DATE _____

JOB NO. 1141 SURVEY OF 161ST ST.
SURVEY BY Kirkpatrick DATE 12-11-45
NOTES BY K DATE _____

F.B. 1168 Pg. 47

FORM 353 1M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

B. M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M-3A	52.307				~~52.304~~ 52.309	See prec. pg.
	4.283		4.250			
⊼	56.590	-0.896	.892		.894	
	5.179		5.142			
B.M. N81	51.411				~~51.410~~ 51.415	B.M. N81 EL. 51.458 L.B. 836-5 MANHATTAN BEACH BLVD. & LARCH AVE L&T. in walk S. side ST. 5' W. ℄ PROD.
	4.347		4.356			
⊼	55.753	-1.213	1.211		1.212	
	5.560		5.567			
B.M. N80	50.198				~~50.198~~ 50.203	B.M. N80 EL. 50.238 L.B. 836-~~5~~ 6 MANHATTAN BEACH BLVD & FREEMAN AVE. S.E. COR L-T IN walk 5' E. of end
	4.674		5.073			
⊼	54.872	+0.661	.661		+.661	
	4.013		4.412			
T.P.	50.859				50.859	
	4.643		4.651			
⊼	55.502	+0.302	+.302		+.302	
	4.341		4.349			
T.P.	51.161				51.161	B.M. N79 EL. 50.928 L.B. 836-4 MANHATTAN BEACH BLVD. & OSAGE AVE. SE COR L&T. in walk 6' E of end
	4.635		4.515			
⊼	55.796	-0.219	.216		.217	
	4.854		4.731			
B.M. N79	50.942				~~50.944~~ 50.950	
	4.099		4.200			
⊼	55.041	-0.762	.761		.762	
	4.861		4.961			
T.P.	50.180				50.182	
	4.254		4.364			
⊼	54.434	-1.118	1.118		1.118	
	5.372		5.482			
B.M. #49	49.062				~~49.064~~ 49.071	B.M. #49 EL. 49.054 L.B. 836-~~4~~ 3 MANHATTAN BEACH BLVD. & PRAIRIE AVE. L&N. in square in conc. pav. 14' E. & 50' N. ℄ INTR

NOTES RED. DATE
NOTES CHKD. DATE
DATE 12-12-45
DATE
JOB NO. 1141 SURVEY OF 161st ST.
SURVEY BY Wallace
NOTES BY W.
INDEXED A. C. Johnson

F.B. 1168 PG. 48

FORM 353 1M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

B. M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
					49.071	
B.M.-49	49.062				~~49.064~~	See prev. pg.
	3.764		3.590			
⊼	52.826	-1.193	-1.195		-1.196	
	4.962		4.785		47.875	
B.M.-H1	47.864				~~47.868~~	B.M. H1 EL. 47.954 F.B. 723-2 PRAIRIE AVE. & 15[illegible] ST SW COR. B.Spk. in pav. 13' W & 43' N. ℄ intr.
	3.975		4.031			
⊼	51.839	-0.036	-.037		-.037	
	4.011		4.068		47.839	
B.M. H2	47.828				~~47.831~~	B.M. H2. EL. 47.900 F.B. 723-3 PRAIRIE AVE. & 160TH ST B.Spk. in pav. 14' W. ℄ INTR
	5.187		5.123			
⊼	53.015	+0.787	+.788		+.788	
	4.400		4.335		48.627	F.B. 1168-46
B.M. #47	48.615				~~48.619~~	B.M. #47 EL. 48.627 F.B. 891.14 PRAIRIE AVE. & 161ST ST SW COR L&N 4' W & 55' S ℄ intr.

NOTES RED. _____ JOB NO. 1141 SURVEY OF 161ST ST
DATE _____ SURVEY BY WALLACE
NOTES CHKD. _____ NOTES BY Wallace DATE 12-12-45
DATE _____ INDEXED C. Johnson DATE _____

F.B. 1168 Pg. 49

FORM 353 1M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line

B. M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
					51.039	
B.M. FA-62	51.044				~~51.039~~	B.M. FA-62 EL. F.B. 1168-46
	3.[illegible]		3.655			161st ST. & Osage Ave. N.E. Cor.
⊼	54.[illegible]52	-0.959	0.960		-.959	C. Spk. P.P. 404634E
	4.[illegible]		4.615		50.079	
(SET) B.M-FA65	50.085				50.080	B.M. FA-65 EL.
	3.713		3.715			160th ST. & Osage Ave. N.E. Cor.
⊼	53.798	-0.226	0.226		-.226	C. Spk. E. Side P.P. #279934E
	3.[illegible]		3.941		~~49.854~~	
(SET) B.M-FA.[illegible]	49.859				49.852	B.M. FA-66 EL.
	5.[illegible]03		4.781			159th ST. & Osage Ave. N.E. Cor.
⊼	55.[illegible]62	+1.099	1.102		+1.100	C. Spk. E. Side P.P. (No Number)
	4.[illegible]04		3.679		50.950	
B.M. N79	50.958				~~50.954~~	B.M. N79 EL. 50.928 ✓ L.B. 836-4 F.B. 1168-48
						MANHATTAN BEACH BLVD & OSAGE AVE SECOND
						L-T in walk 6' E. of end.
					51.299	
B.M-FA63	51.305				~~51.299~~	B.M. FA-63, El=51.299, F.B. 1168, Pg 46
	3.[illegible]19	R	3.152	3.325		161st St. & Freeman Ave. N.W. Cor.
⊼	54.524	~~-0.530~~	0.540	0.542	-.541	Cut Spk in P.P. # 223.954E
	3.749		3.692	3.870	50.753	
(SET) B.M-F.A.67	50.775				~~50.758~~	B.M. FA-67 EL.
	4.202		4.431			160th ST. & FREEMAN AVE. N.W. COR.
⊼	54.977	+0.569	0.569		+.569	C. Spk. S. SIDE P.P. # 279927E
	3.633		3.862		51.329	
(SET) B.M.-FA.68	51.344				~~51.327~~	BM FA-68 EL. = 51.329
	3.431		3.200			159th ST. & FREEMAN AVE. N.W. COR
⊼	54.775	-1.120	-1.123		-1.121	C. Spk. S.E. SIDE P.P. # 214927E.
	4.551		4.323		50.203	
B.M-N80	50.224				~~50.206~~	B.M. N80 EL. 50.238 ✓ 50.206 F.B. 1168-48 L.B. 836-5 SECOND
						Manhattan Beach Blvd. & Freeman
						L-T in Walk 5' E. of end

NOTES RED. DATE
NOTES CHKD. DATE
JOB NO. 1141 SURVEY OF 161st St.
SURVEY BY Wallace DATE 12-14-45
NOTES BY Dreier DATE
INDEXED A. C. Johnson DATE
F.B. 1168 PG. 50

FORM 353 1M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

B. M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
Bm FA-64	55.059 ✓				55.055	BM FA-64 EL. MANHATTAN BEACH BLVD & HAWTHORNE AVE C.SPK. IN CB. 12'N END S.R.
	4.431		4570			
T	53.628	-1.355	1.354		-1.354	
	5.786		5.924			
T.P.	52.701				53.701	
	4.217		4.225			
T	4.036	-1.821	8.17		-1.819	
	6.0482		6.065			
					51.882	
B.M. N-88	5.883				51.882	BM N-88 EL. 51.908 ✓ LB 836-12 156TH ST & HAWTHORNE AVE. S.E. COR. B.SPK IN CONC. HDWALL. E. END OF CULVERT
	5.655		5.670	5.932		
T	57.655	-0.204	0.212	0.210	-0.211	
	5.856		5.852	5.842	51.671	
B.M. N-24	51.679				51.671	BM N-24 EL. 51.690 ✓ LB. 829-26 HAWTHORNE AVE & 156TH ST. N.W. COR. B.SPK. IN CHISELED SQUARE E. END OF CATCH BASIN
	6.276		6.257			
T	58.155	+1.698	1.696		+1.697	
	4.777		4.561			
T.P.	53.377				53.368	
	4.905		5.139			
T	58.342	+0.903	1.903		+0.903	
	4.071		4.232		54.271	
					54.271	
B.M. N-52	54.280					BM N-52 EL. 54.340 ✓ LB. 836-8 HAWTHORNE AVE & 154TH ST N.E. COR. B.SPK. IN N. END CULVERT HEADWAL E. SIDE RR. R/W
	3.274		3.127			
T	53.254	-1.511	1.511		-1.511	
	5.485		5.462		52.760	
					52.760	
B.M. N-23	52.969					BM N-23 EL. 52.817 ✓ LB. 829-26 HAWTHORNE AVE. & 154TH ST. N.W. COR. B.SPK W. END C.R.
	5.530		4.949			
T	53.299	+0.546	0.547		+0.547	
	4.984		4.402			
T P	53.315				53.307	

NOTES RED. _____ JOB NO. 1141
DATE _____ SURVEY OF 161st St
NOTES CHK'D. _____ SURVEY BY J. L. Williams
DATE _____ NOTES BY Dreier DATE 12-14-45
INDEXED _____ DATE _____

F. B. 1169 Pg. 17

FORM 353 1M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

B. M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
TP	53.315 ✓				53.307	
	5.296		4.761	4.867		
⊼	58.611	+0.300	0.295	[illegible]	+0.296	
	4.996		4.466	[illegible]	53.603	B.M. N-22 EL. 53.~~504~~ 603 ✓ L.B. 829-25
B.M. N-22	53.615				~~53.603~~	HAWTHORNE AVE. & 153RD ST. S.W. COR.
	5.[illegible]87		5.400			B. SPK. W. END C.R.
⊼	58.[illegible]02	+0.875	0.874		+0.875	
	4.212		4.526		54.478	
(set) B.M. FA-69	54.49[illegible]				~~54.478~~	B.M. FA-69 EL.
	3.833		3.642	[illegible]		HAWTHORNE & 153RD ST. S.E. COR
⊼	58.[illegible]23	-0.975	0.970	0.97[illegible]	-0.970	C. SPK. ON N.W. SIDE P.P. # 240980E
	4.711		4.612	[illegible]		
T.P.	53.512				53.508	
	4.990		4.830			
⊼	58.[illegible]	+0.528	0.526		+0.527	
	3.[illegible]2		4.304		54.034	
B.M. N-93	54.[illegible]40				~~54.035~~	B.M. N-93 EL. 54.037 ✓ L.B. 836-15
	3.[illegible]70		4.222	4.[illegible]59		153RD ST. & LARCH AVE. S.W. COR.
⊼	58.[illegible]	-0.394	0.387	0.386	-0.387	C. SPK. IN N. SIDE P.P. # 185465E
	4.[illegible]64		4.609	4.645	53.649	
B.M. N-94	53.646				~~53.648~~	B.M. N-94 EL. 53.633 ✓ L.B. 836-15
	3.840		4.030			153RD ST & FREEMAN AVE. S.W. COR.
⊼	57.[illegible]56	-0.613	0.612		-0.612	C. SPK. IN N.E. SIDE P.P. # 316563E
	4.553		4.642			
TP	53.[illegible]35				53.036	
	4.690		5.134			
⊼	57.[illegible]23	+0.585	0.582		+0.583	
	4.105		4.552		53.620	
B.M. N-85	53.618				~~53.619~~	B.M. N-85 EL. 53.556 ✓ L.B. 836-9
						154TH ST & FREEMAN AVE. N.W. COR.
						C. SPK. IN N. SIDE P.P. # 233915E

NOTES RED. ____ DATE ____ NOTES CHKD. ____ DATE ____

JOB NO. 1141 SURVEY OF 161st St.
SURVEY BY J.L. Willey
NOTES BY Dreier DATE 12-14-45
INDEXED A. C. Johnson DATE ____

F.B. 1168 PG. 52

FORM 353 1M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

B. M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. N-85	53618 ✓				~~53.619~~ 53.620	SEE PREC. PG.
	4.131		4.437			
⊼	57.7[illegible]	-0.894	0.892		-0.893	
	5.025		5.[illegible]			
T. P.	52.724				52.726	
	4.756		4.541			
⊼	57.480	+0.690	0.691		+0.690	
	4.066		4.150		53.418	
B.M. N-91	53.414				~~53.416~~	B.M. N-91 EL 53.420 ✓ LB 836-13 156th ST. + FREEMAN AVE N.W. COR C. SPK. IN N. SIDE P.P. # 44095E
	3.352		3.070			
⊼	56.796	-0.897	0.897		-0.897	
	4.27[illegible]		3.967			
T.P.	52.51[illegible]				52.519	
	3.547		3.766			
⊼	56.364	-1.828	1.828		-1.828	
	5.675		5.594			
T.P.	50.689				50.691	
	3.457		3.512	3.609		
⊼	54.146	-0.~~473~~ R	0.487	0.48~~7~~6	-0.48~~7~~6	50.203 F.B. 1168-
	3.950		3.999	4.0[illegible]	50.203	B.M. N-80 EL. = 50.238 LB836-5
B.M. N-80	50.196				~~50.205~~	MANHATTAN BEACH BLVD + FREEMAN AVE. S.E. COR L+T. IN CEMENT WALK 5'E. OF END + 1' FROM N. EDGE

NOTES RED. ____ JOB NO. 1141 SURVEY OF 161st St.
DATE ____ SURVEY BY J.L. Willey
NOTES CHKD. ____ NOTES BY Dreier DATE 12-14-45
DATE ____ INDEXED A. C. Johnson DATE ____

F.B. 1168 PG. 58

FORM 353 1M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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B. M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
					51.882	51.882
B.M. N88	51.886				~~51.886~~	BM N-88 EL. ~~51.988~~ LB 836-12 156th ST. + HAWTHORNE AVE. S.E. COR. B.SPK. IN Hdwall E end of Culvert.
	[illegible]		4.523			
⊼	56.485	[illegible]	0.846		-0.847	
	[illegible]		5.669			
					51.039	
B.M. N-89	51.039				~~51.039~~	BM N-89 EL. 50.992 LB 836-12 156th ST. + SOMBRA AVE S.W. COR. B.SPK IN CURB 10' S. of END C.R.
	[illegible]		5.326			
⊼	56.336	+1.010	1.012		+1.011	
	[illegible]		4.314			
TP	52.049				52.050	
	[illegible]		4.679			
⊼	57.503	+0.748	0.748		+0.748	
	[illegible]		3.931			
					52.799	
B.M. N-90	52.797				~~52.798~~	BM N-90 EL 52.8[illegible] LB 836-12 156th ST. + LARCH AVE N.W. COR. C.SPK IN N. SIDE P.P. # 2408432
	4.071		4.215			
⊼	56.868	-0.698	0.699		-0.698	
	[illegible]		4.914			
TP	52.099				52.100	
	5.2[illegible]		5.137			
⊼	57.340	+1.320	1.320		+1.320	
	[illegible]		3.817			
					53.418	
B.M. N-91	53.419				~~53.420~~	BM N-91 EL 53.4[illegible] LB 836.13 156th + FREEMAN AVE. N.W. COR. C.SPK. IN N. SIDE P.P. # 4409566
					.416	

NOTES RED. ____ DATE ____ NOTES CHKD. ____ DATE ____

JOB NO. 1141 SURVEY OF 161st St.
SURVEY BY J. L. Willey DATE 12-14-45
NOTES BY Dreier DATE
INDEXED A. C. Johnson DATE

F.B. 1168 PG. 54

FORM 353 1M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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B. M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. N-82	54.275				54.271 ~~54.275~~	B.M. N82 El. 54.340 L.B. 836-8 154th St & Hawthorne Ave. N.E. Cor. Bt. Spk. in N. Hdwall of Culvert, E. of P.E. R/W
	3.560		3.[illegible]			
⊼	57.835	-1.599	1.597		-1.598	
	5.139		5.225			
T.P.	52.676				52.677	
	5.141		5.139			
⊼	57.8[illegible]	+0.~~427~~ .430	0.427		+0.428	
	4.741		4.712			
B.M. N-84	53.106				53.109 ~~53.106~~	B.M. N-84 El. 52.986 L.B. 836-5 154th St & Larch Ave S.E. Cor. L & N in N.W. Cor. conc. walk to Front Entrance to No. 4236
	4.958		4.732			
⊼	58.014	-0.438	0.459		-0.438	
	5.[illegible]		5.221			
T.P.	52.618				52.617	
	4.984		4.865			
⊼	57.602	+0.998	1.002		+1.000	
	3.986		3.863			
B.M. N-85	53.616				53.620 ~~53.617~~ 613	B.M. N-85 El. 53.556 L.B. 836-9 154th St & Freeman Ave. N.W. Cor. C. Spk. in N. Side R.R. # 233915E

NOTES RED. _____ JOB NO. 1141 SURVEY OF 161st St
DATE _____ SURVEY BY J.L. Willey
NOTES CHKD. _____ NOTES BY Dreier DATE 12-14-45
DATE _____ INDEXED A. C. Johnson DATE _____

F. B. 1188 PG. 55

F. B. 1168 PG. 56

JOB NO. 1141 SURVEY OF 161 3rd ST

SURVEY BY WALLACE

NOTES BY W. DATE 7-24-46

INDEXED DATE

NOTES RED.

DATE

NOTES CHKD.

DATE

B. M.	1ST RUN	DIFF.	2ND RUN	3RD RUN	ADJ. ELEV.	DESCRIPTION
B.M. FA-1						
						B.M. FA-1 EL. 48.128 F.B. 891.

FORM 353 1M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Notes Ck'd by	Survey of 161ST ST.
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes W. Date 12-17-45
Date	Indexed A. C. Johnson

F.B. 1163 Pg. 37

MAR 11 '47

C. I. 1141 - 161ST ST ET AL

161ST ST

FROM

PRAIRIE AVE TO HAWTHORNE AVE.

SKETCHES

Wallace
Willey
Dreier
Dickie

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

Do not extend notes this side of this line.

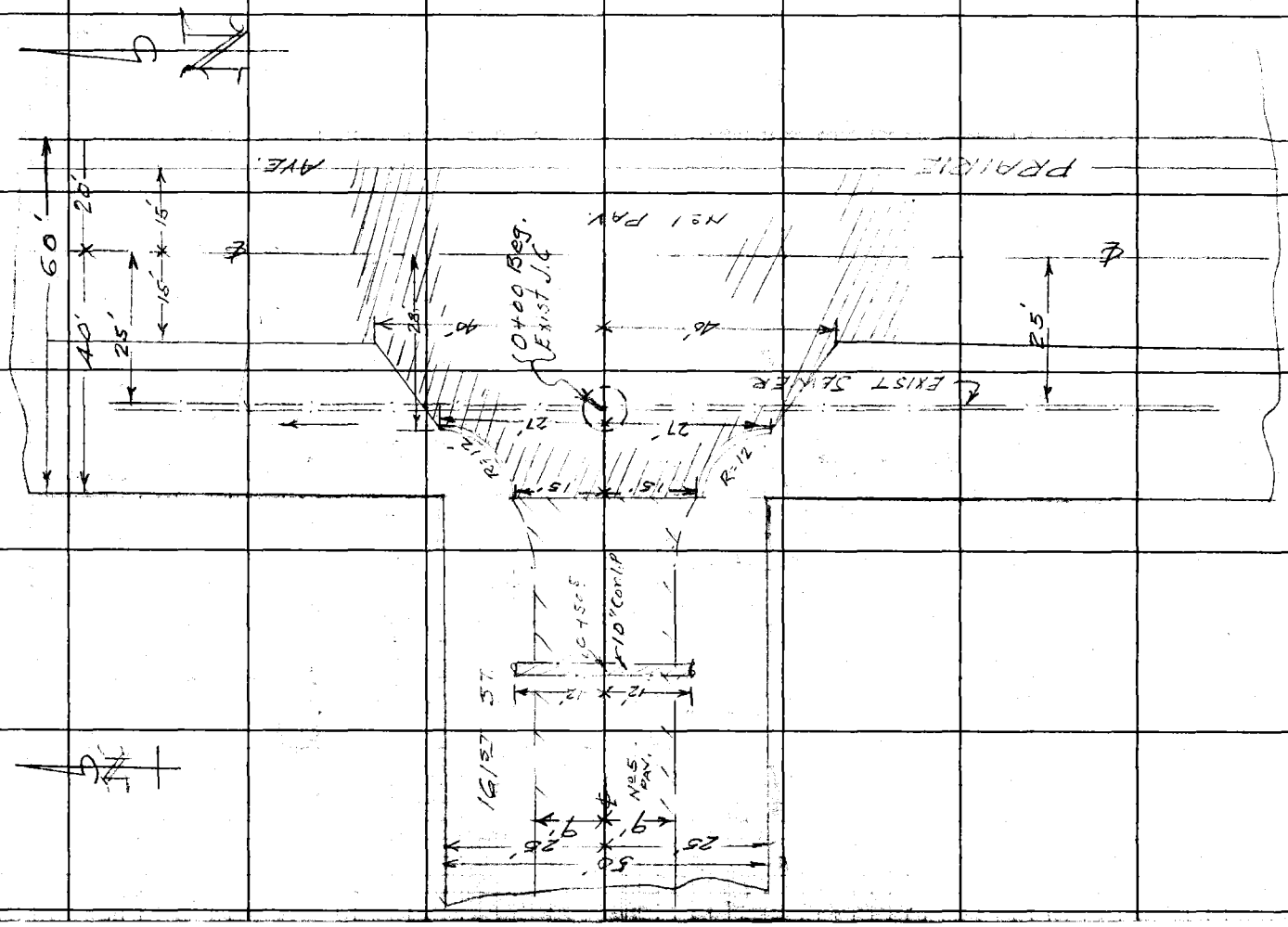
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.



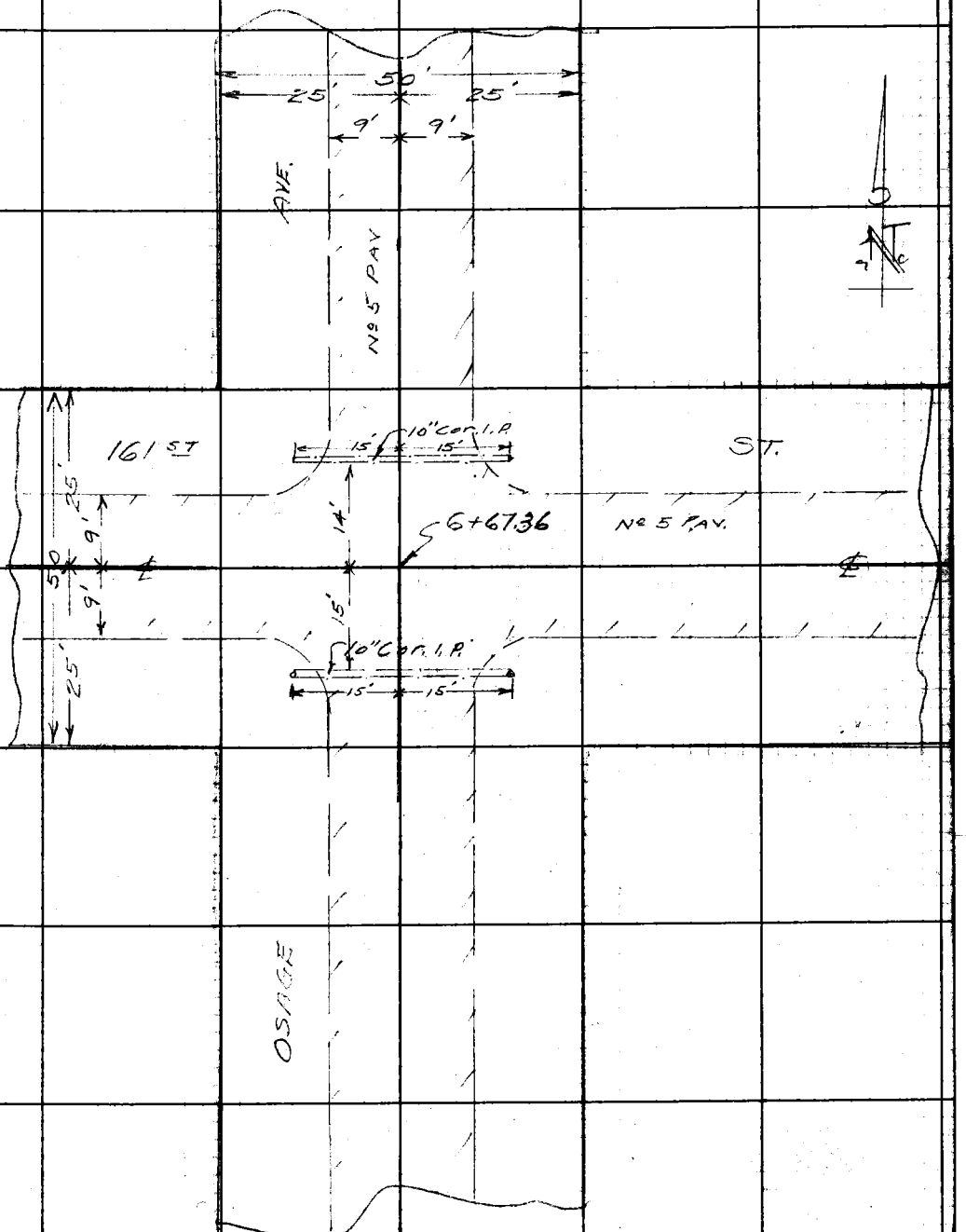
F.B. 1160 PG. 58

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

Survey of 161ST ST
W. O. 114 Tape No. St'd °F
Surveyed by WALLACE
Notes N. Date 12-17-43
Indexed

A. C. JOHNSON

F.B. 1168 PG. 59



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

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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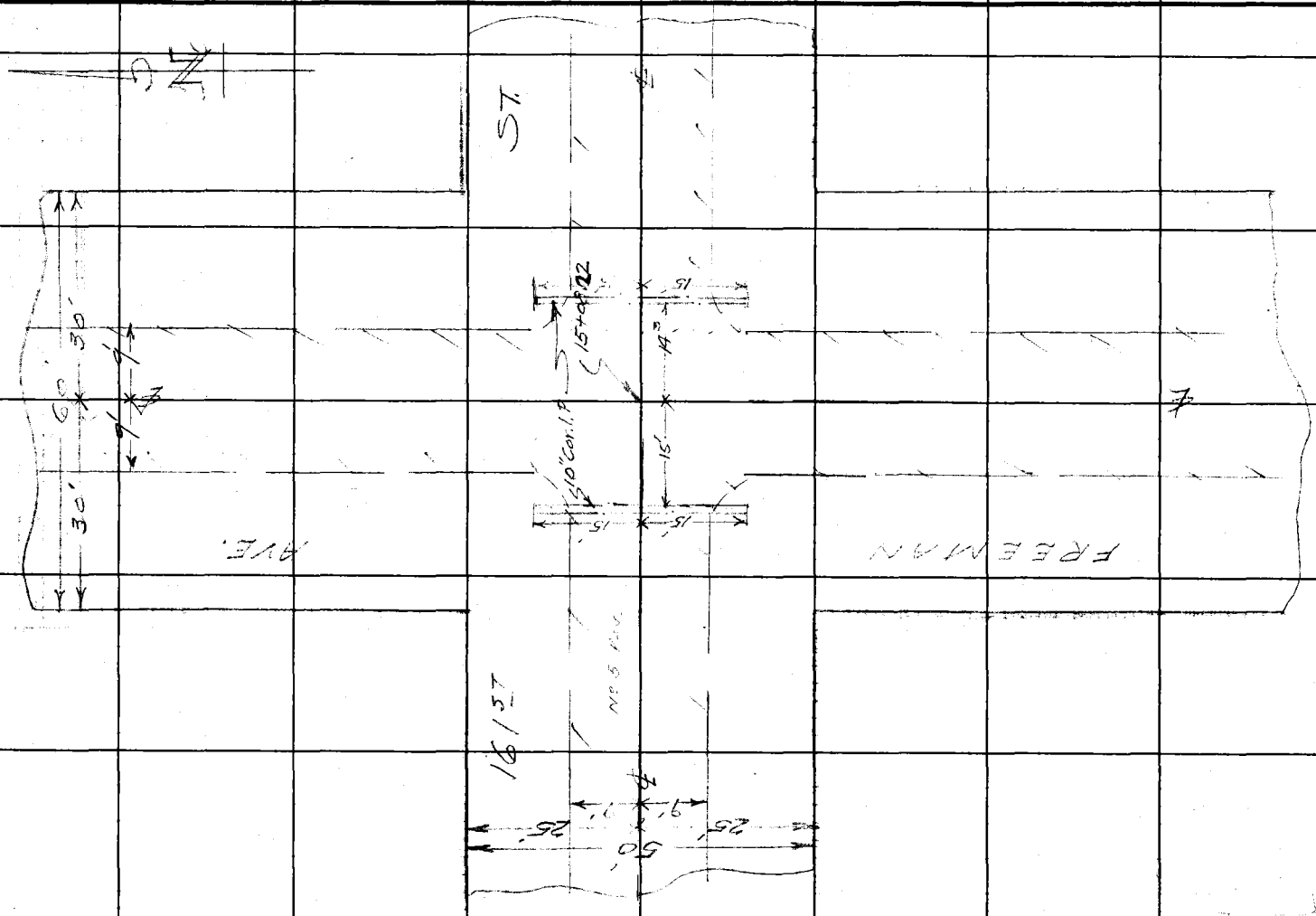
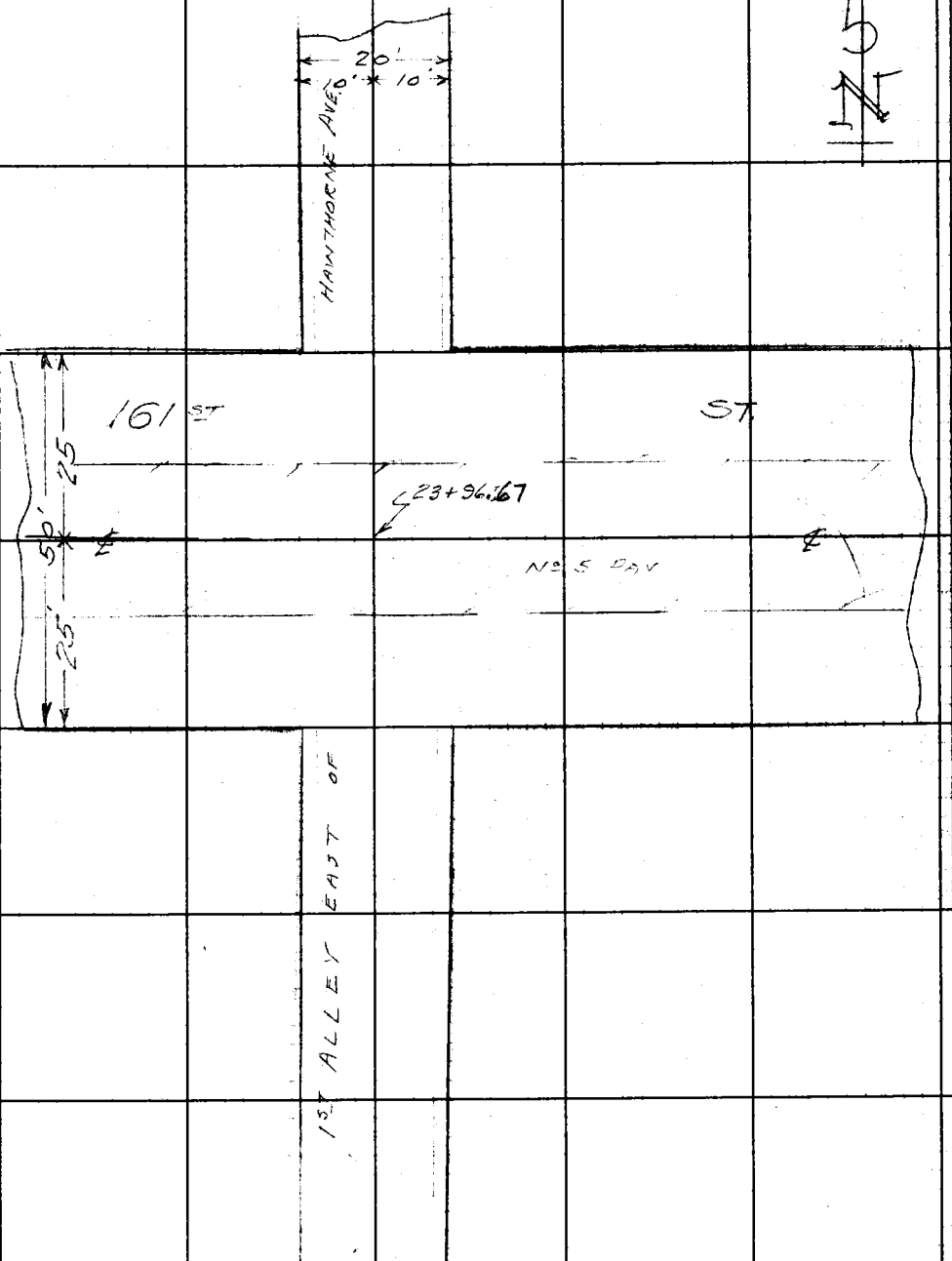
Do not extend notes this side of this line.



F.B. 1168 PG. 60

Notes Ck'd by	Survey of 161ST ST
Map No.	W. O. 114 Tape No. St'd. °F
Office Work	Surveyed by WALLACE
Checked	Notes NV. Date 12-17-45
Date	Indexed A. C. Johnson

F.B. 1168 PG. 61



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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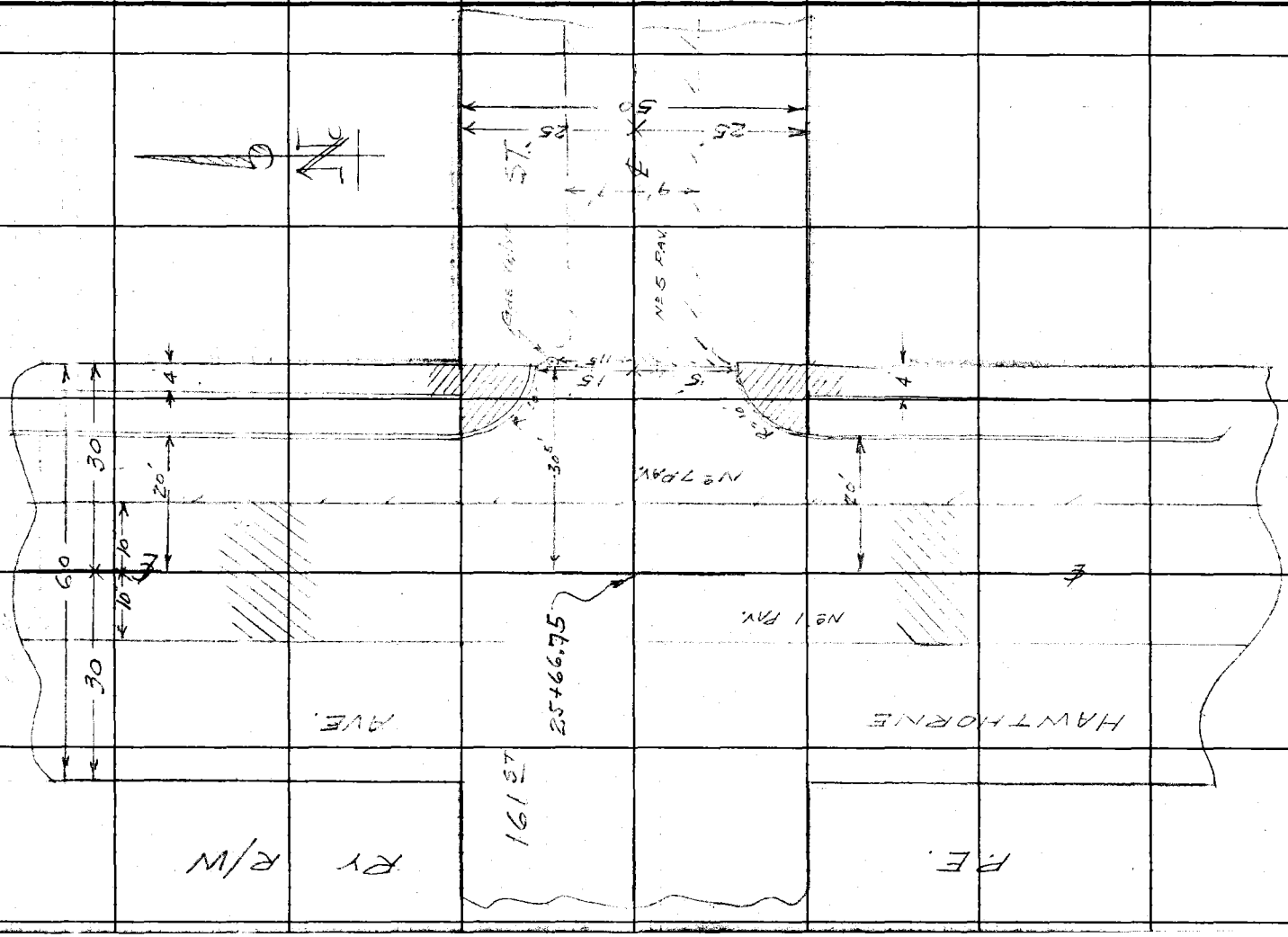

F.B. 1168 PG. 62

FORM 307 2M 8-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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

C. I 1141 - 161st St. Et al

161st St.

from

Prairie Ave to Alley E. of Hawthorne Ave

Profile

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	161st St.
BM #47	5 85	5448		48 63	BM #47 EL. 48.633 F.B. 1168-46 Prairie Ave & 161st S.W. cor L. & N. 14' W. & 55' S. of ℄ Intr.
					S ℄ N.
	Depth	Dia. Rim	Rod		
0+00	8 48	1.00 5.91	15 39	39 ~~10~~ 09	Invert of 12" Inlet S
"	8 46	1.00 5.93	15 39	39 ~~10~~ 09	" " 12" Outlet N
"	8 54	0.63 5.93	15 10	39.38	" " 8" Inlet W
0+03			5 86	48 62	27' S. end C.R. S.W. Cor.
"			6 32	48 16	" " " Gutter " "
"			5 94	48 54	W. end C.R. N.W. Cor. 27'
"			6 38	48 10	" " Gutter " " "
0+14.8			5 95	48 53	W. " C.R. " " 15' N
"			6 37	48 11	" " Gutter " " "
"			5 76	48 72	15' S W. end C.R. S.W. Cor
"			6 22	48 26	" " " Gutter " "
"			6 03	48 45	℄ end Conc. Pav.
0+50.5			6 56	47 92	12' S. Invert 10" Corr. I. Culvert.
"			6 51	47 97	Invert 10" Corr. I. Culvert. 12' N
1+00			5 6	48 9	℄
2+00			5 5	49 0	℄
"			6 6	47 ~~4~~ 7	15'
"			5 8	48 ~~2~~ 7	17'

F.B. 1168 Pg. 64
Job No. 1141 Division No. Notes Red. Date 12-17-45 Plotted Date No. Profile
Survey of 161st St. Notes Chkd. Date Checked Date No. X-Sec.
Survey by T.L. Willey Notes T.L.W. Date
Indexed C. Jan

FORM 307 2M 8-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	161st St.		
		54.48			S	℄	N
2+00			48	49.7			25'
"			65	48.0	15'		
"			59	48.6	17'		
"			41	50.4	25'		
T.P.	4.76	53.72	5.52	48.96			
3+00			44	49.3		℄	
4+00			46	49.1		℄	
5+00			43	49.4		℄	
"			52	48.5			15'
"			44	49.3			19'
"			30	50.7			25'
"			52	48.5	15'		
"			41	49.6	18'		
"			32	50.5	25'		
6+00			40	49.7		℄	
6+42			40	49.7		℄	EPL Osage Ave.
6+52 3/4			5.48	48.24	15' invert E. end 10" Corr. I. Culvert		
6+52 3/4			5.29	48.43	invert E. end 10" corr. I. culvert 14' N		
6+67 3/4						℄	Intr Osage Ave.

Profile No. ____ Date ____ Notes Chkd. ____ Date ____ Plotted ____ Date ____ Checked ____ Date ____ Job No. 1141 Division No. ____ Survey of 161st St. Survey by JL Willey Notes JLW Date 12-17-45 Map No. ____ Checked Johnson Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	161 St St.
		53 72			S. ℄ N
BM FA62			2 68	51 04	BM FA62 Elev. 51.044 FB 1168-46 161st St & Osage Ave, N.E. Cor.
	3 32	54 36			Cut Spk in N. side PP#404634E.
6+82 3			6 12	48 24	15'S. Invert W. end 10" Corr. I. Culvert
"			5 83	48 53	Invert W. end 10" Corr. I. Culvert 14'N
6+92			4 4	50 0	℄ W.P.L. Osage Ave.
7+00			4 0	50 0	℄
8+00			4 5	49 9	℄
"			5 4	49 0	15'
"			4 9	49 5	18'
"			4 1	50 3	25'
"			5 6	48 8	15'
"			5 0	49 4	19'
"			4 1	50 3	25'
9+00			4 4	50 0	℄
10+00			4 4	50 0	℄
T.P.	4 30	54 22	4 44	49 92	
11+00			4 3	49 9	℄
"			5 5	48 7	15'
"			4 7	49 5	18'
"			4 7	49 5	25'

Profile No. X-Sec. No.
Plotted Date
Checked Date
Notes Red. Date 12-18-45
Notes Chkd. Date
Division No.
Job No. 1141
Survey of 161st St.
Survey by J.L. Willey Notes J.L.W.
Indexed A. C. Johnson Date

FORM 307 2M 6-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	161st St.	
		54 22			S.	℄ N
11+00			5 5	48 7		15'
"			4 7	49 5		18'
"			4 7	49 5		25'
12+00			4 2	50 0		℄
13+00			4 1	50 1		℄
T.P.	4 55	54 46	4 31	49 91		
14+00			4 1	50 4		℄
"			4 9	49 6	15'	
"			4 1	50 4	18'	
"			4 1	50 4	25'	
"			5 2	49 3		15'
"			4 7	49 8		18'
"			4 8	49 7		25'
14+78			3 9	50 6		℄ E.P.L. Freeman Ave
14+93			5 37	49 09	15.0' Invert 10" Corr. I. Culvert	
"			5 19	49 27	Invert 10" Corr. I. Culvert	14.3' N.
15+08.22			3 9	50 6		℄ Intr. Freeman Ave
15+21			5 13	49 33	15.8' Invert 10" Corr. I. Culvert	
"			4 94	49 52	Invert 10" Corr. I. Culvert	14.3'
15+38			4 00	50 46		℄ W. P.L. Freeman Ave

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____ F.B. 1169 Pg. 67
X:Sec. No. ____ Date ____ Date ____ Survey of 161st St.
Notes Chkd. ____ Checked ____ Survey by J.L. Willey Notes J.L.W. Date 12-18-45
Date ____ Date ____ Map No. ____ Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	161st St.
		54 46			S ℄ N
BMFA63			3 17	51 29	BMFA63 El. 51.305 FB 1168-46. 161st St. & Freeman Ave N.W. Cor. C. Spk. in N. side P.P. #2 23954 E.
	4 45	55 74			
16+00			51	50 6	℄
17+00			49	50 8	℄
"			58	49 9	15'
"			49	50 8	18'
"			50	50 7	25'
"			58	49 9	15'
"			50	50 7	18'
"			50	50 7	25'
18+00			45	51 2	℄
19+00			42	51 5	℄
T.P.	4 87	56 38	4 23	51 51	
20+00			46	51 8	℄
"			53	51 1	15'
"			49	51 5	18'
"			46	51 8	25'
"			56	50 8	15'
"			50	51 4	18'
"			48	51 6	25'

F.B. 1168 PG. 68
Job No. 1141 Division No.
Survey of 161st St.
Survey by J.L. Willey Notes J.L. Willey
Indexed C. Jones Date
Notes Red. Date 12-18-45
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

FORM 307 2M 6-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	161 st	St.
		56 38 (4)			S	℄ N.
21+00			41	52 3		℄
22+00			34	53 0		℄
"			42	52 2	15'	
"			33	53 1	18'	
"			33	53 1	25'	
"			44	52 0		15'
"			37	52 7		18'
"			33	53 1		25'
T.P.			3 23	53 15		
	6 43	59 58 (6)				
23+00			60	53 6		℄
23+96.67			51	54 5		℄ Intr. Alley
25+00			47	54 9		℄
+36.75			42	55 4		℄ E.P.L HAWTHORNE
E end CR-SE Cor			4 50	55 08		
S. " " "			4 39	55 19		
E. end CR NE Cor			4 62	54 96		
N " " " "			4 28	55 30		
25+66.75			3 98	55 60		℄ INTR Hawthorne Ave
BM FA15			4 06	55 52		

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 1141 Division No. ____
X.Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of 161 st St. Survey by JL Willey Notes JLW Date 12-18-45
Map No. ____ Indexed ____ Date ____

F.B. 1169 Pg. 70

Job No. 1141 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of 161st St Date 12-18-45 Date _____ No. _____

Survey by JL Willey Notes JLW Notes Chkd. _____ Checked _____ X-Sec.

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of 161ST ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes Wallace Date 12-18-46
Date	Indexed A. C. Johnson

F.B. 1168 Pg. 71

MAR 11 '47

C.I. 1141 - 161ST ST.

160TH ST

FROM

PRAIRIE AVE. TO HAWTHORNE AVE.

SKETCHES

Wallace
Willey
Dreier
Dickie

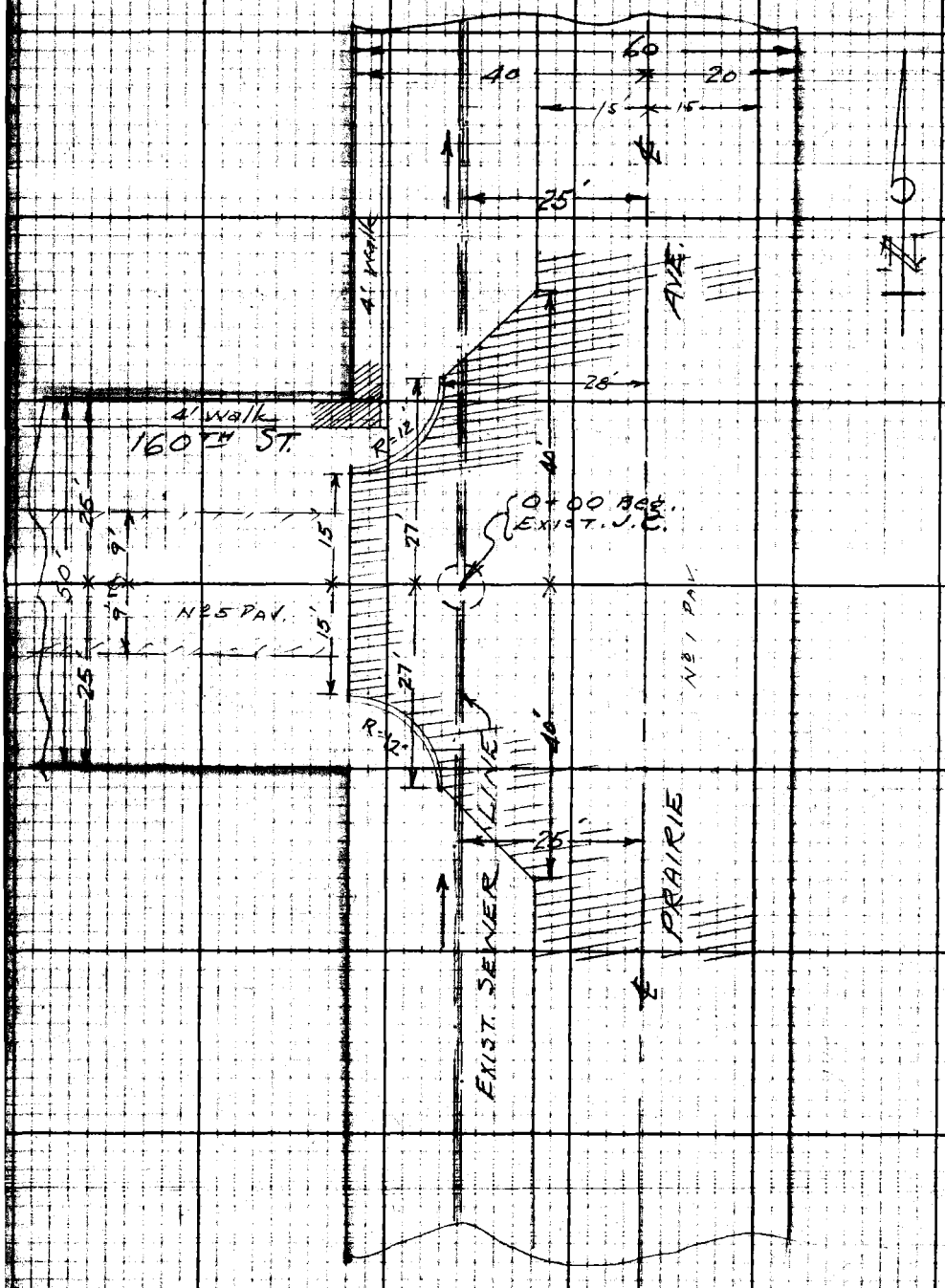
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 RM 11-41

F.B. 1468 Pg. 72



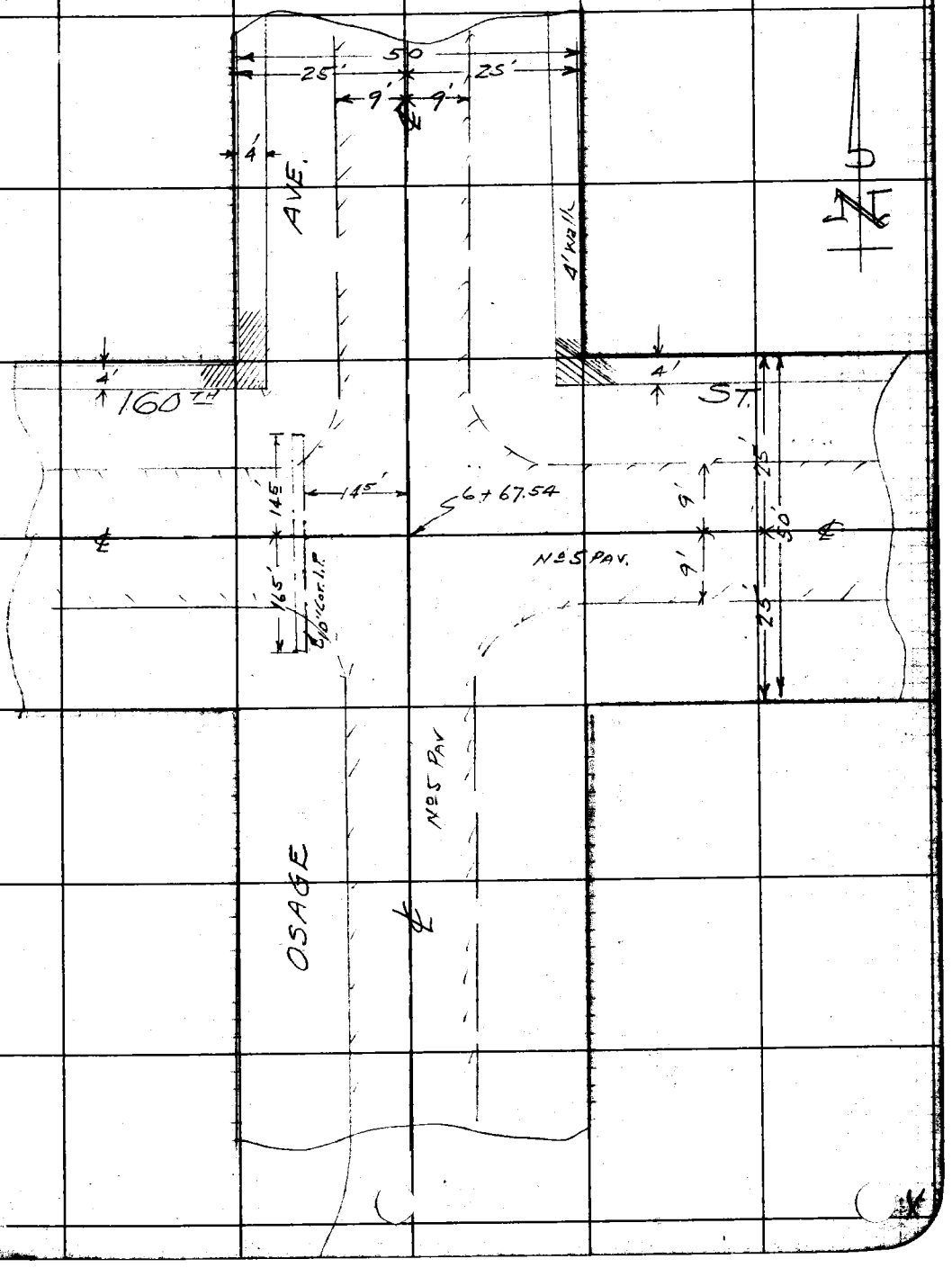
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of 161 ST ST
Map No.	W. O 1141 Tape No. St'd °F.
Office Work	Surveyed by Wallace
Checked	Notes W. Date 12-18-45
Date	Indexed C. Johnson

F.B. 1168 PG. 73



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 11-35

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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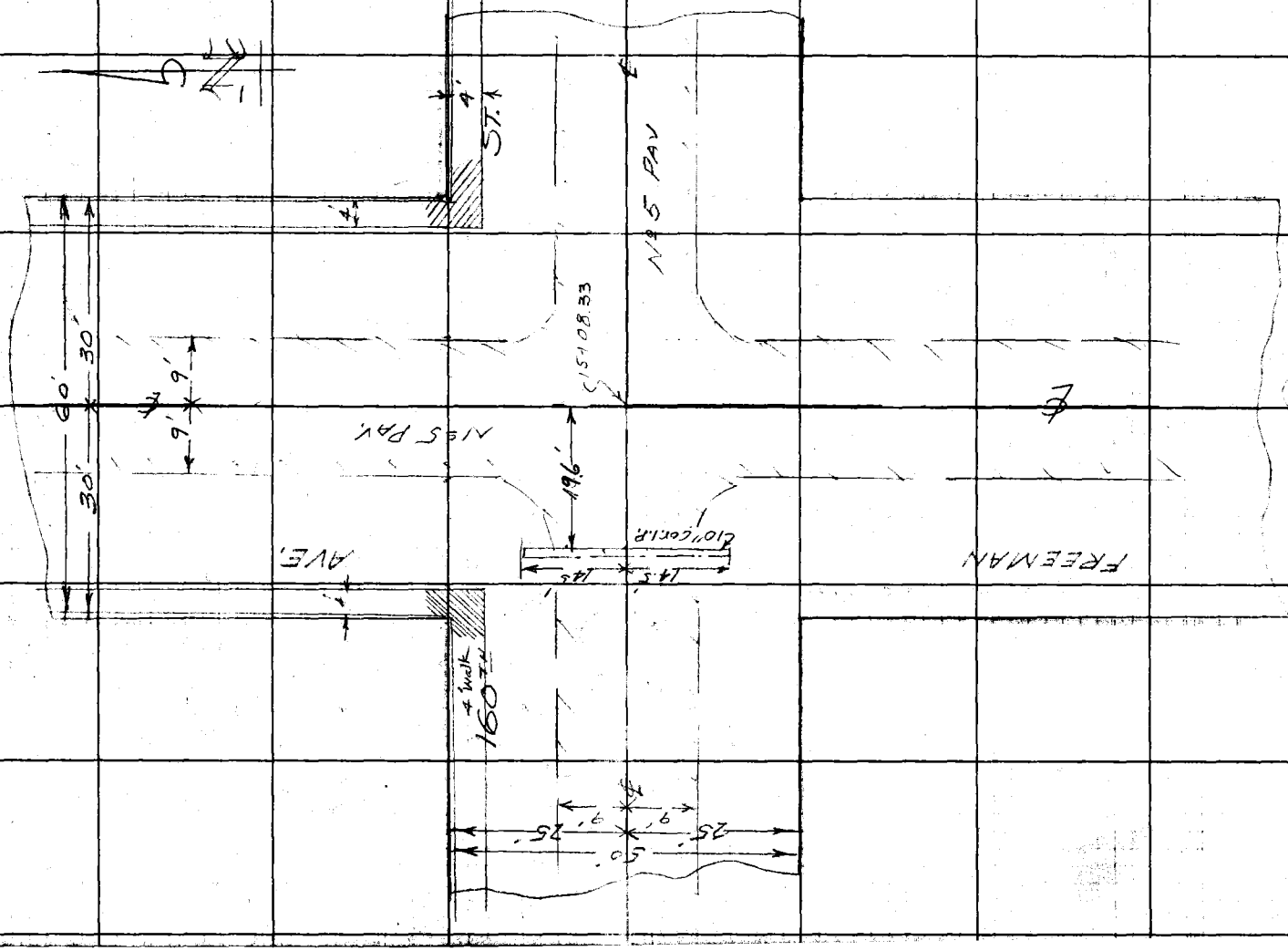
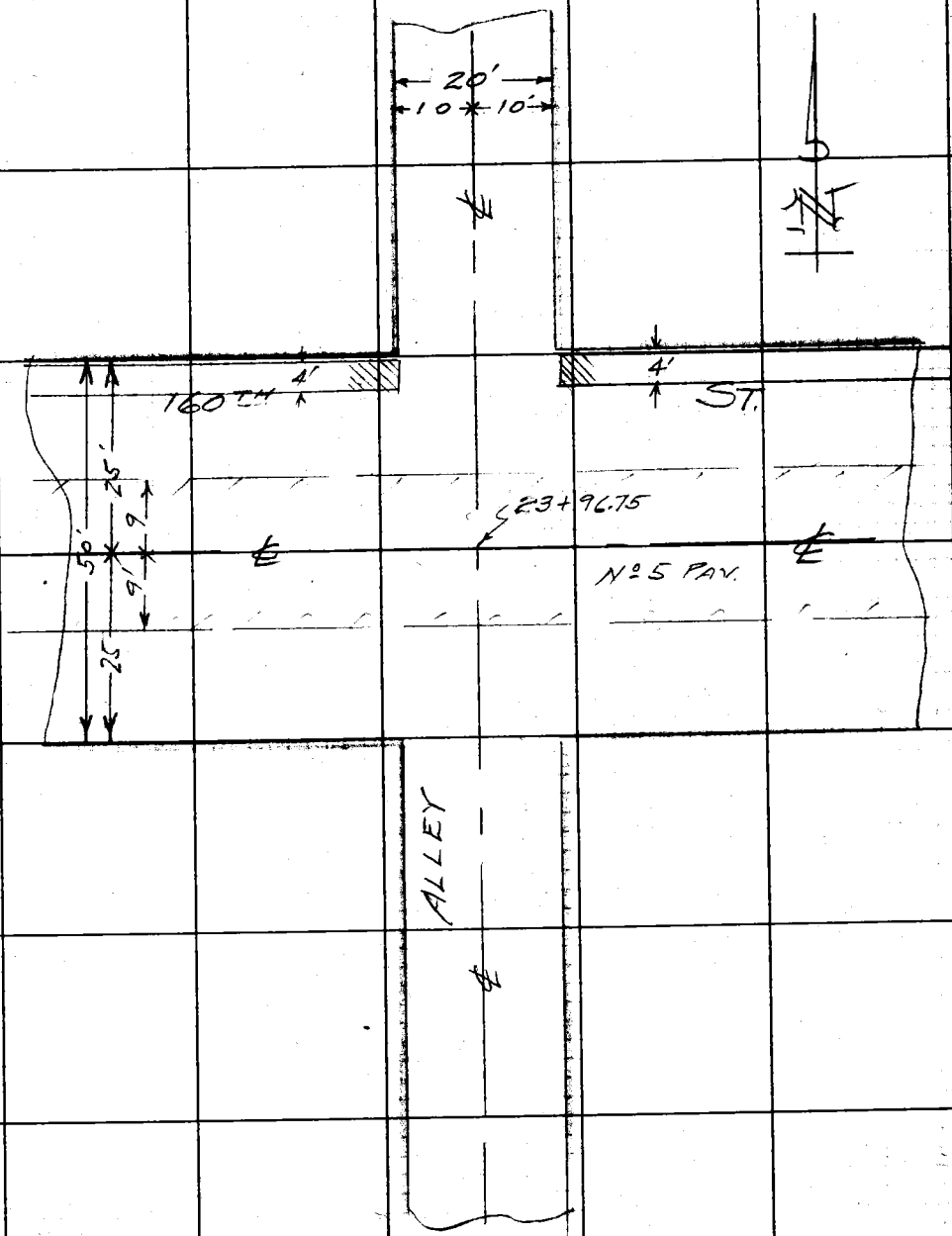
Do not extend notes this side of this line



F.B. 1168 PG. 74

Notes Ck'd by	Survey of 161ST ST	F.B. 1168 Pg. 75
Map No.	W. O. 144 Tape No. St'd °F.	
Office Work	Surveyed by Wallace	
Checked	Notes W Date 12-10-45	
Date	Indexed C. Johnson	



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Do not extend notes this side of this line

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 10M 11-

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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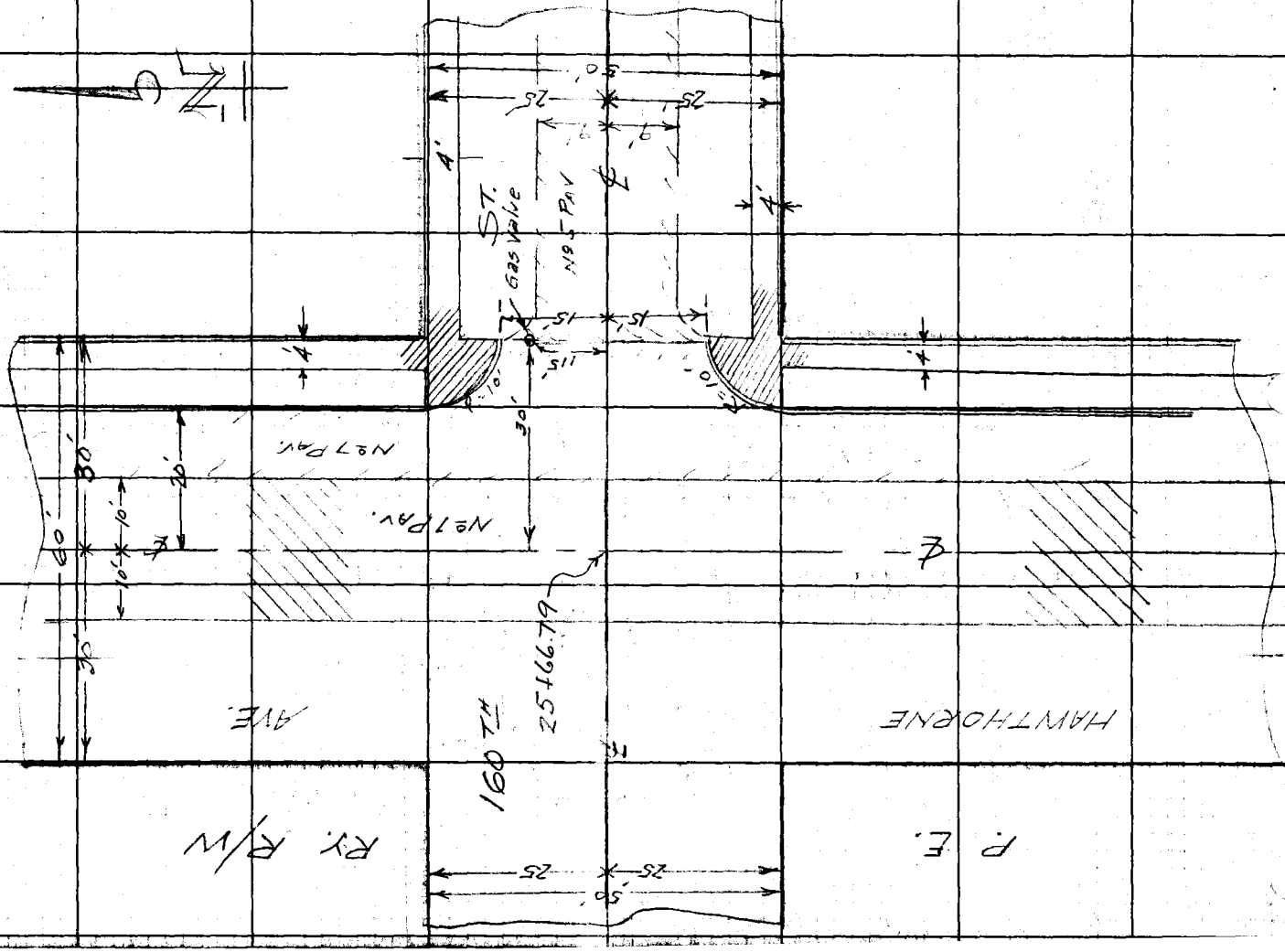

F.B. 1168 Pg. 76

FORM 307 [illegible]

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

C. I. 1141 - 161st St. Et al

160th St.

from

Prairie Ave to Alley E. of Hawthorne Ave.

Profile

No. ____ Date ____ Survey of ____ Date ____
K.S.Co. Notes Chkd. SEB Checked ____ Survey by J.L.W. Notes J.L.W. Date ____
No. ____ Date 11/6/61 Date ____ Map No. ____ C. Johnson Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	160th St
B.M.H2	5 40	53 24	•	47 84	B.M.H2 El. 47.839 F.B. 1168-49 Prairie Ave & 160th St ℄ Bt. spk in Conc. Pav. 14' W. of ℄ Intr.
	depth	Dia. Rim	Red.		
0+00	8 03	1.00 5.65	14.68	38.56	• Invert 12" inlet S.
"	8 13	1.00 5.66	14.79	38 45	• " 12" Outlet N
"	7 97	0.63 5.63	14 23	39.01	• " 8" Inlet W (stub)
0+03			5 02	48 22	• 27' S. end C.R. S.W. Cor
"			5 70	47 54	• 27' " Gutter " "
"			5 16	48 08	• N. end C.R. N.W. Cor 27'
"			5 78	47 46	• " " Gutter " " 27'
0+15			5 50	47 74	• ℄
"			5 09	48 15	• W. end C.R. N.W. Cor 15'
"			5 64	47 60	• " " Gutter " " 15'
"			4 90	48 34	• 15' W. end C.R. S.W. Cor
"			5 48	47 76	• 15' " " Gutter " "
1+00			4 4	48 8	• ℄
2+00			4 1	49 1	• ℄
"			5 3	47 9	• 15
"			4 5	48 7	• 18
"			4 1	49 1	• 25'
"			5 2	48 0	• 15'
"			4 6	48 6	• 18'

F.B. 1169 Pg. 78
Job No. 1141 Division No.
Survey of 161 St St.
Survey by J L Willey Notes J L Willey
Indexed C. Jordan Date
Notes Red. Date 12-18-45
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

FORM 307 2M 8-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	160th St.
		53 24			S ℄ N
2+00			4 41	48 83	back walk 25'
3+00			4 1	49 1	℄
T.P.	4 66	53 83	4 07	49 17	
4+00			4 4	49 4	℄
5+00			4 2	49 6	℄
"			5 1	48 7	
"			4 2	49 6	
"			3 8	50 0	
"			4 9	48 9	
"			4 5	49 3	
"			4 62	49 21	
6+00			4 1	49 7	
6+42.5			4 1	49 7	
6+67.54			4 0	49 8	℄ INTR OSAGE AVE
BMFA65			3 75	50 08	BMFA65 El. 50.085 FB 1168-50 160th St. & Osage Ave N.E. Cor.
	4 28	54 36			C. Spk. E. side PP# 279934 E.
6+82			5 76	48 60	16'5. Invert 10" Corr. I. Culvert.
"			5 94	48 42	Invert 10" Corr. I. Culvert. 14.5'

Profile No. ____ Notes ____ Plotted ____ Job No. 1141 Division No. ____ F.B. 1168-50
X:Sec. No. ____ Date ____ Date ____ Survey of 161st St.
Notes Checked ____ Checked ____ Survey by J.L. Willey Notes J.L.W. Date 12-18-45
Date ____ Date ____ Map No. ____ Checked Johnson Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	160th St.	
		54 36			S ℄	N.
6+92.5			45	49 9	℄	W.P.L. Osage Ave
8+00			45	49 9	℄	
"			54	49 0	15'	
"			48	49 6	18'	
"			40	50 4	25'	
"			51	49 3		15'
"			46	49 8		18'
"			473	4963	Back walk	25'
T.P.	4 42	54 32	446	49 90		
9+00			43	50 0	℄	
10+00			42	50 1	℄	
11+00			40	50 3	℄	
"			50	49 3	15'	
"			44	49 9	18'	
"			41	50 2	25'	
"			51	49 2		15'
"			43	50 0		18'
"			439	4993	Back Walk	25'
12+00			41	50 2	℄	
T.P.	4 70	54 89	413	50 19		

F.B. 1166 Pg. 80
Survey of 161st St
Survey by J L Willey
Indexed C. Johnson
Job No. 1141
Division No.
Notes Red. Date 12-18-48
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	160th St.
		5489			S ℄ N
13+00			46	50 3	℄
14+00			45	50 4	℄
"			55	49 4	15'
"			50	49 9	18'
"			49	50 0	25'
"			55	49 4	15'
"			50	~~49.9~~	18'
"			479	50 10	back walk 25'
14+78 33			45	50 4	℄ E.P.L. Freeman Ave.
15+08.33			45	50 4	℄ Intr. Freeman Ave
15+28			564	49 25	14.5' invert 10" Corr. I. Culvert.
"			671	48 18	Invert 10" Corr. I. Culvert. 15'
15+38 33			44	50 5	℄ W.P.L. Freeman Ave
B.M.F.A.67			412	50 77	B.M. F.A. 67 El. 50.764 F.B. 1168-50 160th St & Freeman Ave. N.W. Cor. C. Spk. S.E. Side P.P. #279927E.
	457	5534			
16+00			49	50 4	℄
17+00			45	50 8	℄
"			51	50 2	15'
"			46	50 7	18'
"			45	50 8	25'

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____
Date ____ Date ____ Survey of 161 St St.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by JLWilley Notes JLW Date 12-18-45
Date ____ Date ____ Map No. ____ Indexed JOB DATE ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	160th St.
		55 34			S ℄ N
17+00			5 4	49 9	15'
"			4 6	50 7	18'
"			4 43	~~51~~ 50 91	back walk 25'
18+00			4 3	51 0	℄
19+00			4 0	51 3	℄
T.P.	5 29	56 63	4 00	51 34	
20+00			5 2	51 4	℄
21+00			4 6	52 0	℄
22+00			4 1	52 5	℄
"			4 8	51 8	15'
"			4 2	52 4	18'
"			4 0	52 6	25'
"			4 9	51 7	15'
"			4 4	52 2	18'
"			3 95	52 68	back walk 25'
23+00			3 4	53 2	℄
T.P.	6 05	59 24	3 44	53 19	
23+96.75			5 0	54 2	℄ Intr. Alley
BM H5			4 33	54 91	BM. H5 El. 54.898 FB 1168-47 Hawthorne Ave & 160th St, N.E. Cor Bt. Spk 5' N. of N. end C.R.

SEE NEXT Pg.

Survey of 161st St.
Survey by J.L. Willey
Indexed A. C. Johnson
Job No. 1141
Division No.
Notes Red.
Date 12-18-45
Notes Chkd.
Date
Plotted
Date
Checked
Date
Profile No.
X-Sec. No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	160TH ST LT.	RT
		5924				
25+00			45	547		℄
			442	5482		25' Back walk
			53	539	15'	
			46	546	25'	
+36.79			40	552		℄ E.P.L. Hawthorne
E.end CR. NE Cor			460	5464		
N " " " "			435	5489		
E.end CR SE Cor			442	5482		
S. " " " "			430	5494		
25+47			44	548		℄
25+66.79			394	5530		℄ INTR HAWTHORNE BL
BM-H5			433	5491	B.M. H5 - El. 54.898	

Profile Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____
No. ____ Date ____ Date ____ Survey of 160TH ST
X:Sec. ____ Notes Chkd. ____ Checked ____ Survey by Wallace Notes W Date 12-18-45
No. ____ Date ____ Date ____ Map No. ____ Computed by Johnson Date ____

F.B. 468 Pg. 84

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-45

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

Do not extend notes this side of this line.

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

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

Notes Ck'd by	Survey of 161ST ST
Map No.	W. O. 1141 Tape No. Std. °F
Office Work	Surveyed by Wallace
Checked	Notes Wallace Date
Date	Indexed A. C. Johnson

F.B. 1168 Pg. 85

MAR 11 '47

C.I. 1141 - 161ST ST ET AL

159TH ST.

FROM

PRAIRIE AVE TO HAWTHORNE AVE.

SKETCHES

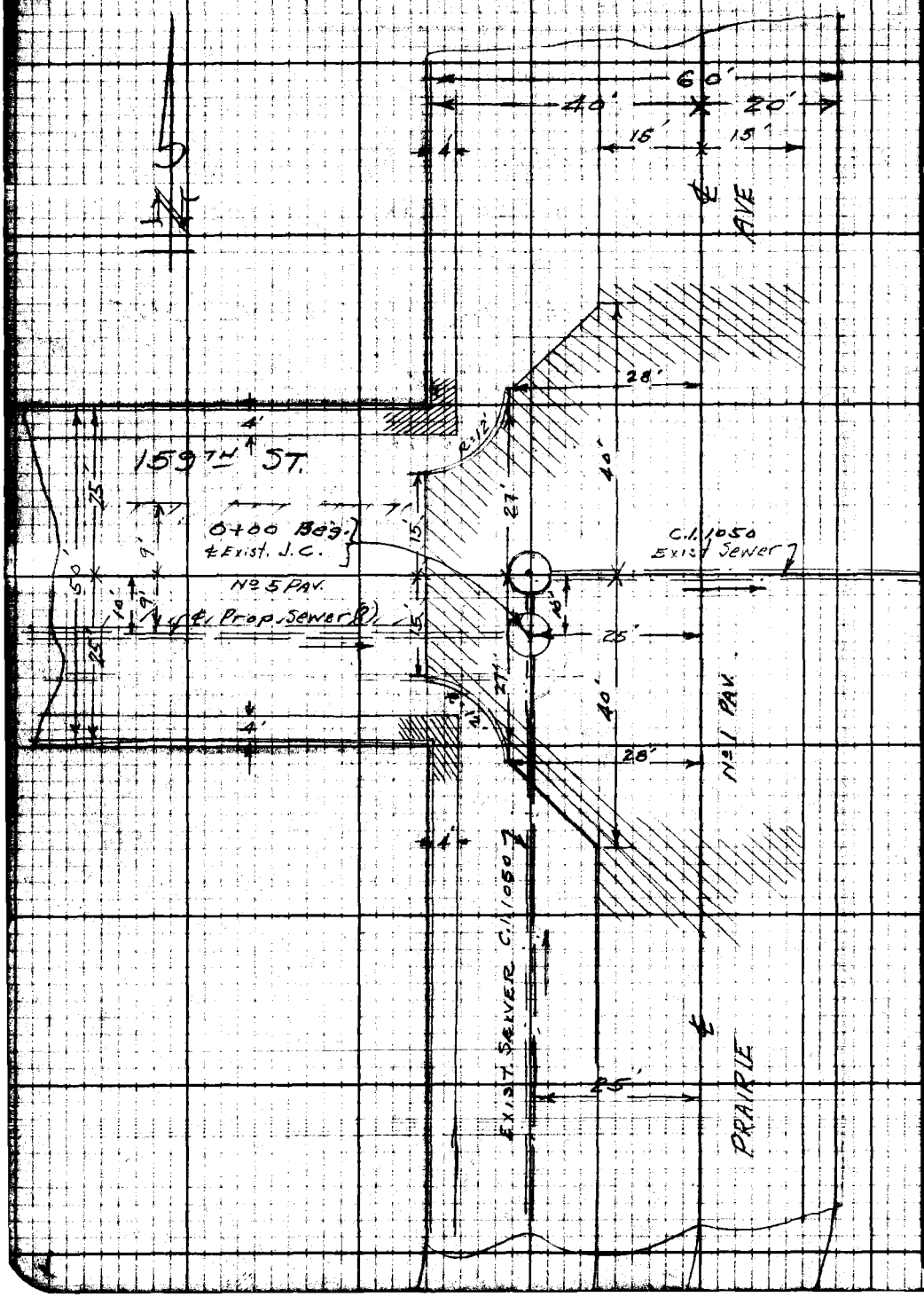
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 RM 11-47

F.B. 1168 Pg. 86



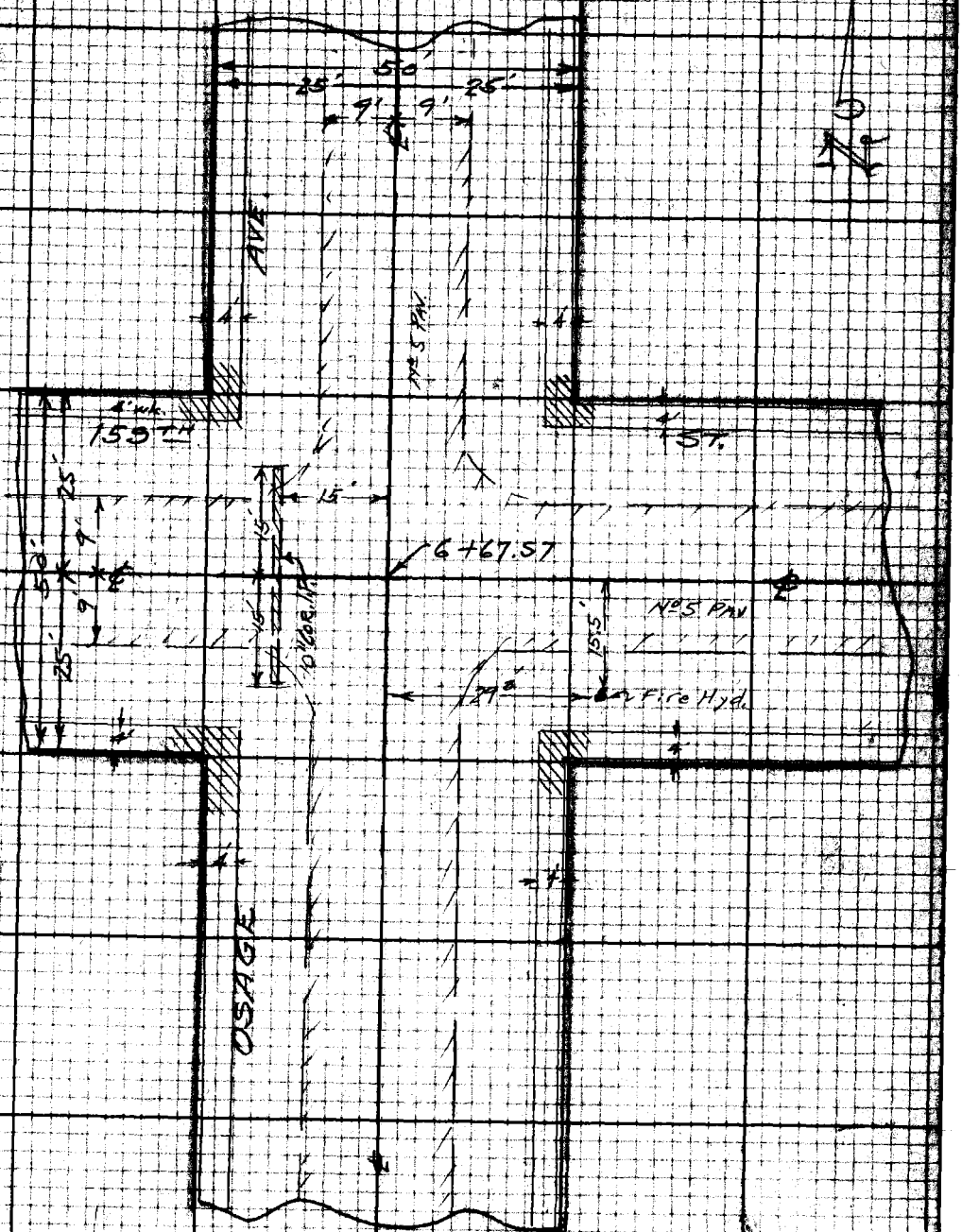
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey at 16/27 ST
Map No.	W. O. [illegible] Tape No. ___ St'd ___ °F
Office Work	Surveyed by WALLACE
Checked	Notes KY Date
Date	Indexed [illegible] C. Johnson

F.B. 1160 Pg. 87



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

F.B. 1168 Pg. 88

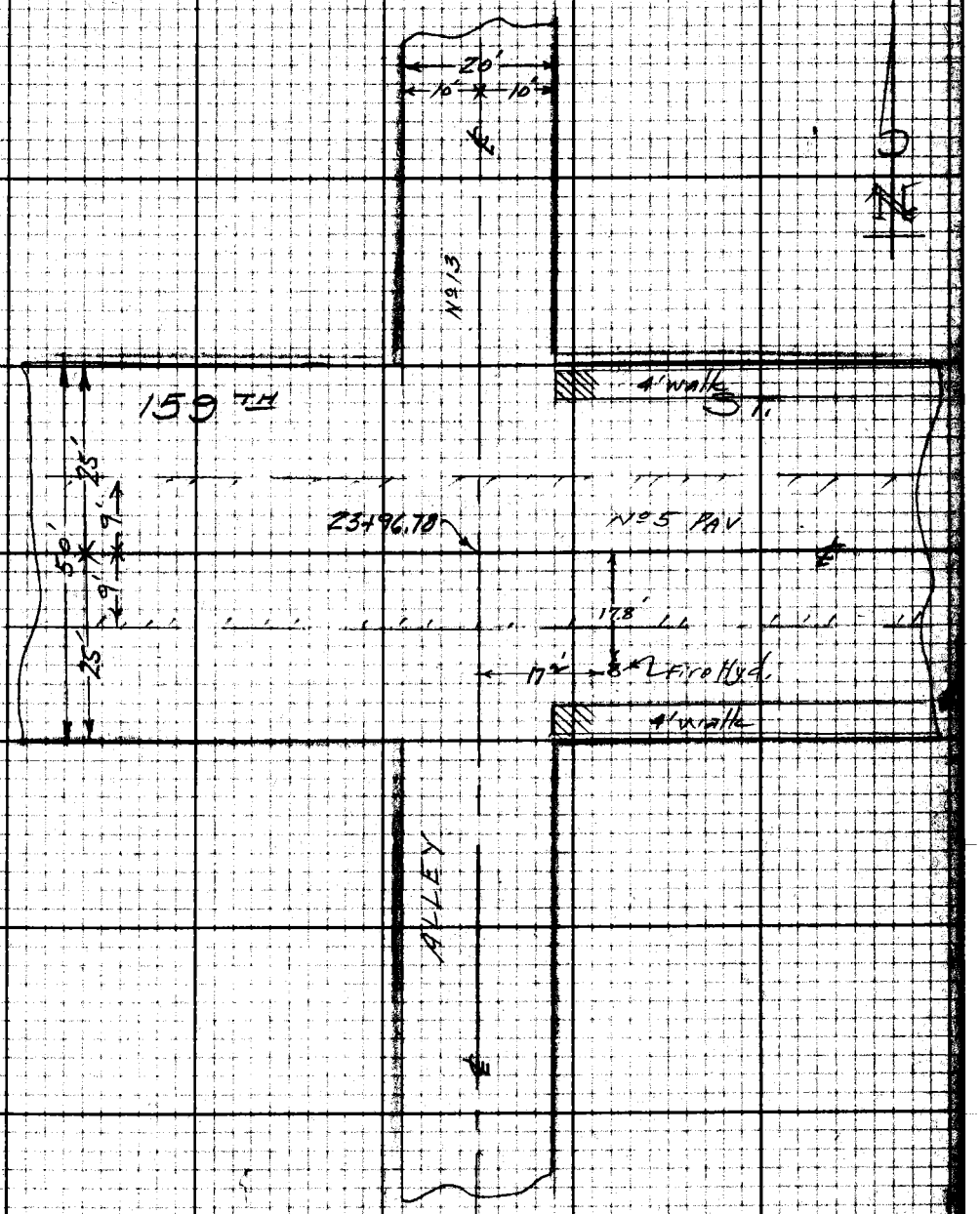
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

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

Notes Ck'd by	Survey of 161ST ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes W. Date
Date	Indexed A. C. Johnson

F.B. 1166 Pg. 89



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

F.B. 148 PG. 90

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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

C.I. 1141 - 161st St Et al

159th St (9' S. of ℄)

from

Prairie Ave to Alley E. of Hawthorne Ave

Profile

Job No. 1141 Survey of 161st St

Survey by T.L. Willey Notes T.L.W. Date [illegible]

Map No. [illegible] Date MAR 11 '47

Notes Rec. Date

X-Sec. Notes Chkd. [illegible] Checked

No. Date 1/16/47 Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	159th St.	
BM. H.1	4.12	52.00		47.88	B.M. H.1 EL. 47.876 Prairie Ave & 159th St. N.W. Cor. Bt. Spk. in Pav. 13' W & 43' N. of ℄ Intr.	FB 1168-49
	Depth	Dia. Rim	Rod.		S LT	℄ N. RT
0+00		4.80			Iron Elbow - cannot	get to invert of inlet South
	8.33	1.00 4.82	14.15	37.85	Invert 12' Outlet	N.
		4.84			No stub to W. —	
	8.26	2.00 4.73	14.99	37.01	Invert 24" Outlet	E. - (double checked)
0+00	8.35	1.00 4.78	14.13	37.87	" 12" Inlet	S.
	8.40	1.00 4.79	14.19	37.81	" 12" Inlet (Stub)	NORTH
	8.14	2.00 4.85	14.99	37.01	" 24" Inlet (Stub)	(double checked) WEST
0+03			4.54	47.46	18's S. end C.R. S.W. Cor.	
"			4.86	47.14	" " " Gutter "	
"			4.27	47.73	N. end C.R. N.W. Cor.	36' N
"			4.69	47.31	" " Gutter "	"
0+15			4.21	47.79	W. " C.R. N.W. Cor.	24' N
"			4.51	47.49	" " Gutter "	"
"			3.84	48.16	back of walk	34' N
"			4.11	47.89	6' W. end C.R. S.W. Cor.	
"			4.69	47.31	" " " " Gutter	
"			3.95	48.05	16's back of walk	
"			4.55	47.45	end Pav. W PL Prairie Ave & 9' ℄ 159th St.	

Notes Chkd. Date
Checked Date
Plotted Date 12-19-45
Notes Red.
Division No.
Profile No.
X-Sec. No.
Job No. 1141 Notes J.K.W.
Survey of 159th St
Survey by T. Willey
Indexed A. C. Johnson
F.B. 1168 Pg. 97

FORM 307 2M 8-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	159th St.
		52.00			S ℄ N
1+00			45	47 5	℄
2+00			43	47 7	℄
"			50	47 0	6'
"			41	47 9	10'
"			3 74	48 26	16' back of walk
"			3 9	48 1	9' ℄ 159th St
"			4 9	47 1	24'
"			3 8	48 2	27'
"			3 66	48 34	back walk 34'
3+00			43	47 7	℄
T.P.	4 94	53 20	3 74	48 26	
4+00			5 4	47 8	℄
5+00			5 3	47 9	℄
			5 9	47 3	6'
			4 8	48 4	10'
			4 55	48 65	16' back walk
			4 9	48 3	9' ℄ 159th St.
			5 8	47 4	24'
			4 6	48 6	27'
			4 48	48 72	back walk 34'

Notes Checked Date
Notes Checked Date
Checked Date
Map No.
Job No. [illegible] Division No.
Survey of 161st St
Survey by [illegible] Notes [illegible] Date [illegible]
Ingerd Jan [illegible] Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date 12-19-45 Notes Chkd. Date
Division No. Job No. 1141 Notes Thru
Survey of 159th St
Surveys by F. Willey Notes Thru Date
Indexed O. Ferrari
F.B. 1168 Pg. 34

STATION	B. S.	H. I.	F. S.	ELEV.	159th St.		
		53.20				℄	N.
6+00			5.1	48.1	5 LT	℄	RT
6+44.57			5.0	48.2		℄	E.P.L. Osage Ave.
6+67.57			4.3	48.9		℄	9' S. of Int. Osage + 159th
BM-FA66			3.34	49.96	BM. F.A. 66 EL. 49.859 F.B. 1168-50 159th St + Osage Ave. N.E. Cor. Cut spk. E. side of P.P. (no number)		
	3.52	53.38					
6+82			4.5	48.9		℄	
"			5.45	47.93		6' Lt. invert 10" Corr. I. Culvert	
"			5.39	47.99	Invert 10" Corr. I. Culvert		24' Rt.
6+92.59			4.8	48.6		℄	W.P.L. Osage Ave
8+00			4.6	48.8		℄	
"			5.2	48.2	6'		
"			4.5	48.9	10'		
"			4.21	49.17	16' back walk		
"			4.4	49.0	℄ 159th St.		9'
"			5.3	48.1			24'
"			4.3	49.1			27'
"			4.25	49.13		back walk	34'
T.P.	4.92	53.66	4.64	48.74			
9+00			4.9	48.8		℄	
10+00			4.8	48.9		℄	

FORM 307 2M 8-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	159th St
		53.66			S ℄ N.
11+00			4.5	49.2	℄
"			4.8	48.9	6'
"			4.1	49.6	10'
"			4.00	49.66	16' back walk
"			4.3	49.4	9' ℄ 159th St.
"			5.3	48.4	24'
"			4.4	49.3	27'
"			4.65	49.01	back walk 34'
T.P.	5.18	54.50	4.34	49.32	
12+00			5.2	49.3	℄
13+00			5.2	49.3	℄
14+00			4.9	49.6	℄
"			5.6	48.9	6'
"			4.5	50.0	10'
"			4.41	50.09	16' back walk
"			4.6	49.9	9' ℄ 159th St.
"			5.4	49.1	24'
"			4.5	50.0	27'
"			4.47	50.03	back walk 34'
14+78			4.8	49.7	℄ E.P.L. Freeman Ave

NOTE - FOR ELEV. ON 42" COR. I.P. STA. 14+96.4 SEE F.B. 1168-112, 114

Profile Notes Red. Plotted Job No. 1141 Division No.
No. Date Date Survey of 161st St
X:Sec. Notes Chkd. Checked Survey by JLWilley Notes JLW. Date 12-20-
No. Date Date Map No. Indexed Johnson Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red. ____ Date 12-26-45 Notes Chkd. ____ Date ____
Division No. ____ Job No. 1141 Notes J.L.W. Date ____
Survey of 159th St.
Survey by J. Willey
Indexed ____
B.B. ____ PG. 96

STATION	B. S.	H. I.	F. S.	ELEV.	159th St		
		54.50			Lt	℄	Rt
15+08.38			4.3	50.2		℄	℄ Freeman Ave
BM FA68			3.17	51.33	BM FA68 El. 51.333. FB 1168-50 159th St & Freeman Ave N.W. cor C. Spk. S.E. side PP# 214927E.		
	3.97	55.30					
15+27.9			6.21	49.09	14.5' invert 10" Corr. I. Culvert.		
			6.06	49.24	Invert 10" Corr. I. Culvert. 14.5		
15+38.38			5.4	49.9		℄	W.P.L. Freeman Ave.
16+00			5.6	49.7		℄	
"			6.0	49.3	6'		
"			5.1	50.2	10'		
"			4.83	50.47	16' back walk.		
"			5.2	50.1			9' ℄ Freeman Ave
"			5.8	49.5			24'
"			5.1	50.2			28'
"			4.98	50.32	back walk		34'
17+00			5.3	50.0		℄	
18+00			5.2	50.1		℄	
T.P.	5.45		4.85	50.45			
		55.90					
19+00			5.3	50.6		℄	
20+00			5.2	50.7		℄	

FORM 307 2M 8-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	159th St. S.	℄	N.
		55.90					
20+00			56	50 3	6'		
"			53	50 6	9'		
"			4 89	51 01	16' back walk		
"			50	50 9		9'	
"			56	50 3			24'
"			51	50 8			27'
"			4 98	50 92	back walk		34'
21+00			53	50 6		℄	
22+00			49	51 0		℄	
T.P.	7 41	58 73	4 58	51 32			
23+00			75	51 2		℄	
			78	50 9	6'		
			72	51 5	9'		
			72	51 5	16' back walk		
			72	51 5		9' ℄ Freeman Ave	
			78	50 9			24'
			72	51 5			27'
			7 12	51 61			34'
23+96.78			68	51 9		℄	
"			63	52 4		9' ℄ Intr Alley.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1741 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of 161st St.
Notes Chkd. ____ Checked ____ Survey by J.L. Willey Notes JLW Date 12-26-45
Date ____ Date ____ Map No. ____ Index Johnson Date ____

F.B. [illegible]

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	159th St.
		5873			
					BM H6 El. 54.598 F.B. 1168-47 Hawthorne Ave & 159th St. N.E. Cor. Bt. Spk. 4' N. of N. end C.R.
25+00			50	537	
E. end CR-SE Cor			439	5434	
S. " " "			418	5455	
E. end " NE Cor			426	5447	
N " " "			411	5462	
25+36.78			41	546	℄ E.P.L. Hawthorne
			44	543	℄
			38	549	9' Rt ℄ 159th ST
25+66.78			37	550	℄ Intr. Hawthorne Blvd
B.M. H6			414	5459	B.M. H6 - El. 54.598 F.B. 1168-47 Hawthorne Ave. & 159th ST - NE Cor B. Spk. 4' N. end CR

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date 12-26-45 Notes Chkd. Date
Job No. 1141 Division No.
Survey of 161st St.
Survey by J. L. Willey Notes J.L.W.
Indexed C. Jordan Date

Hdg. Pg. 98

Notes Ck'd by	Survey of 161 ST ST
Map No	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes W. Date 1-11-46
Date	Indexed A. C. Johnson

F.B. 1168 Pg. 99

MAR 11 '47

C.I. 1141 - 161ST ST.

162ND ST.

FROM

PRAIRIE AVE

TO

HAWTHORNE AVE

SKETCHES

Wallace
Willey
Dreier
Dickie

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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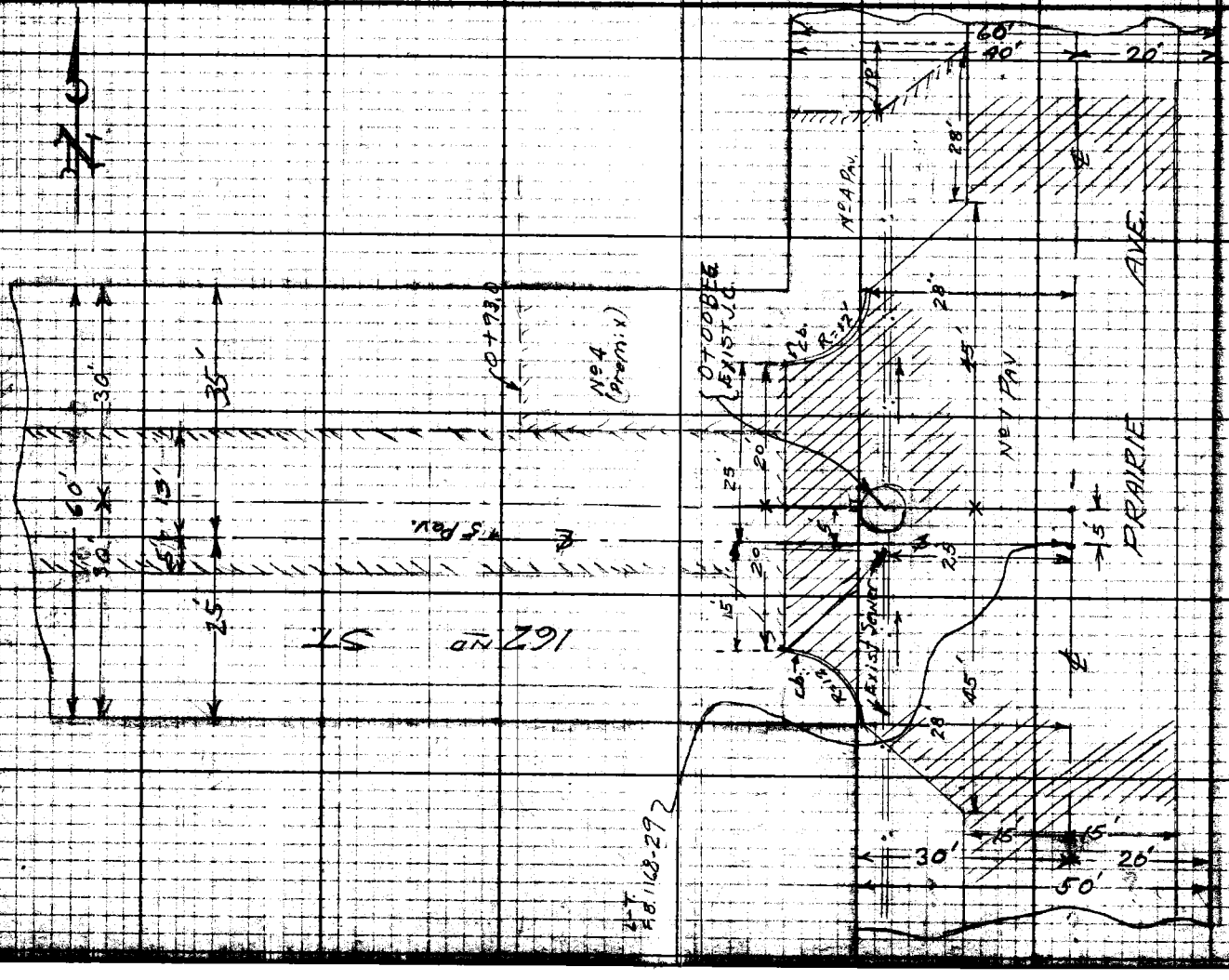
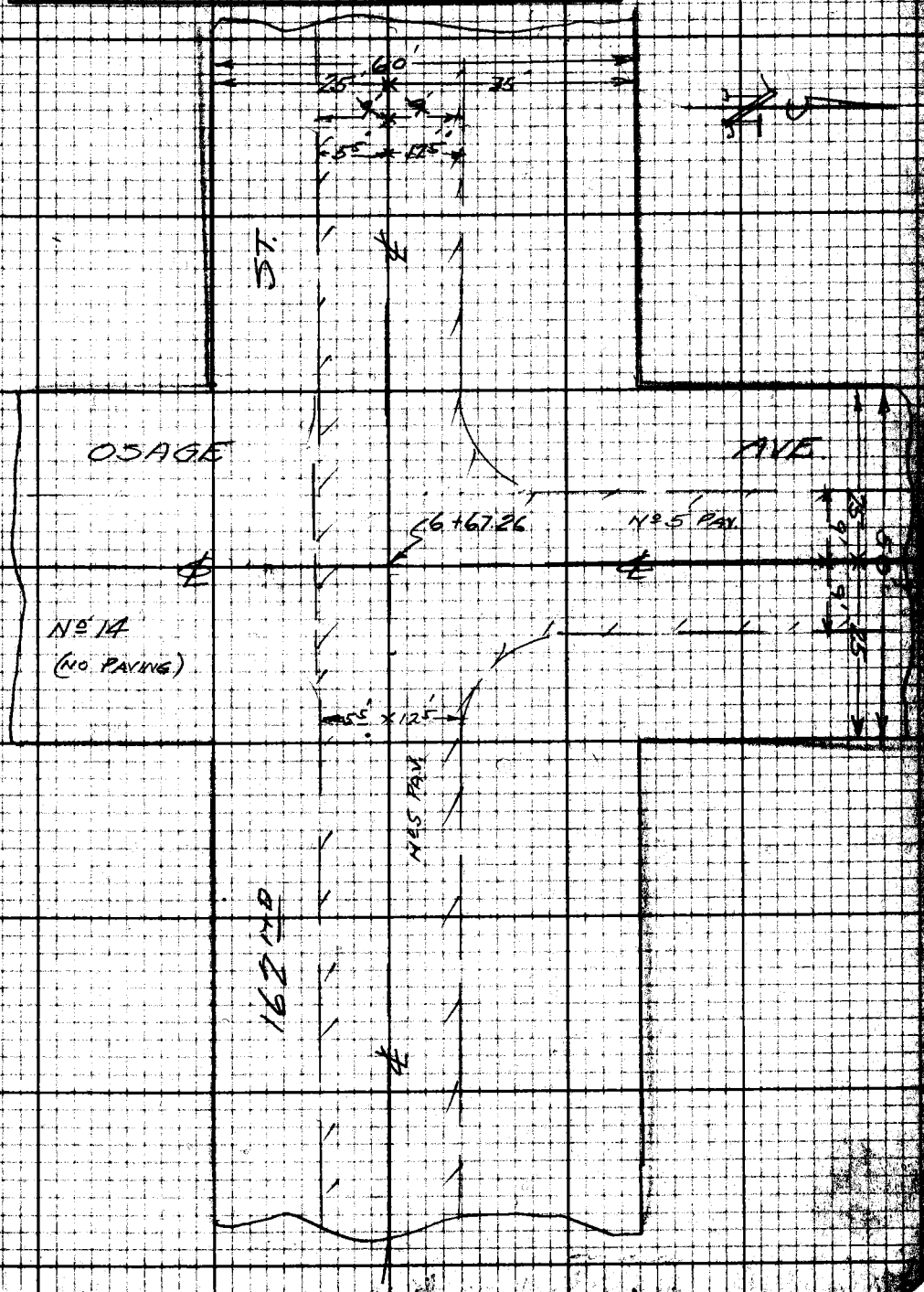
Do not extend notes this side of this line.



Notes Ck'd by	Survey of 161st ST
Map No.	W. O. [illegible] Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes [illegible] Date 1-11-46
Date	Indexed C. Johnson

F.B. 1168 Pg. 101



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.

INTERIM TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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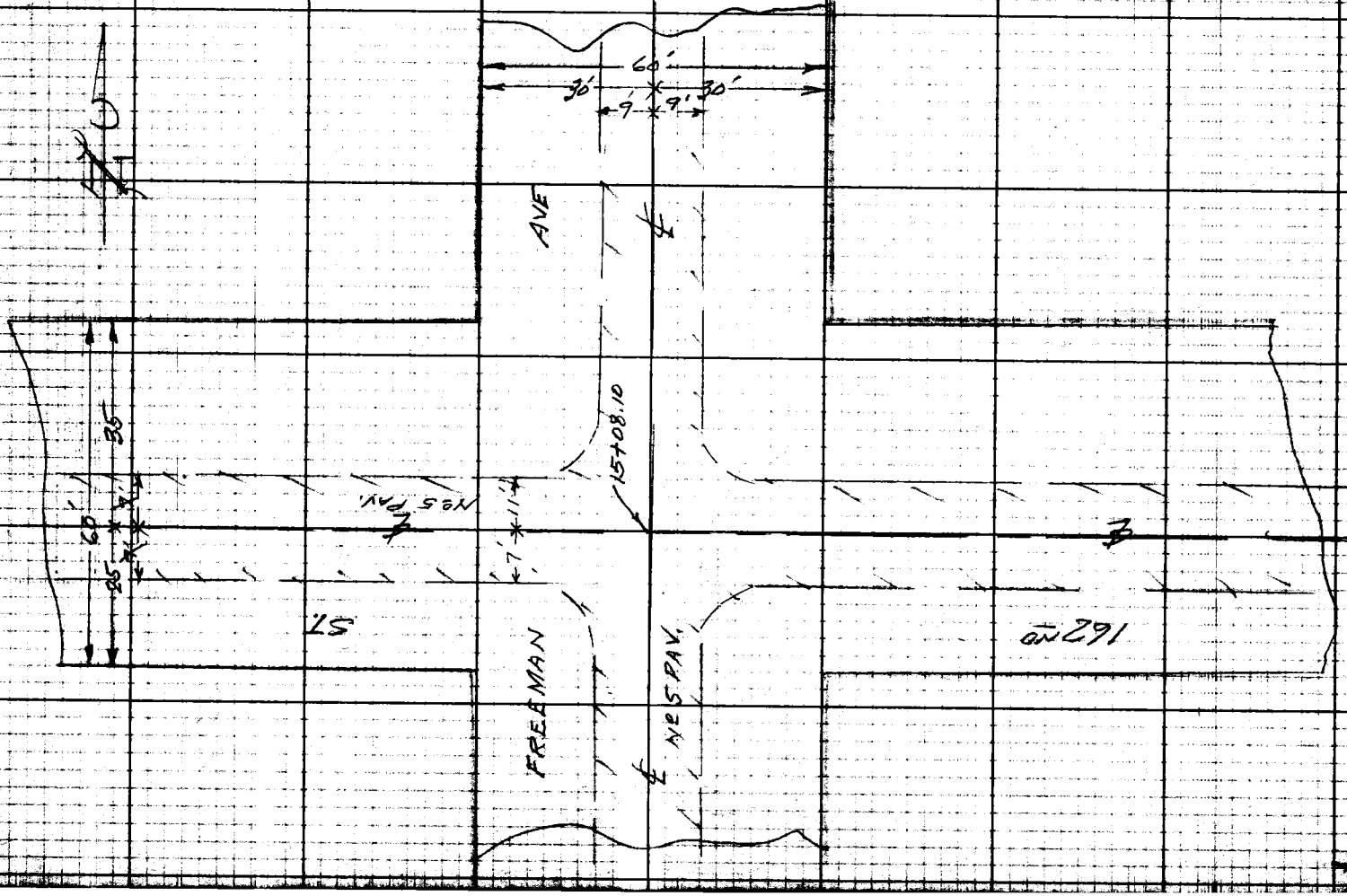
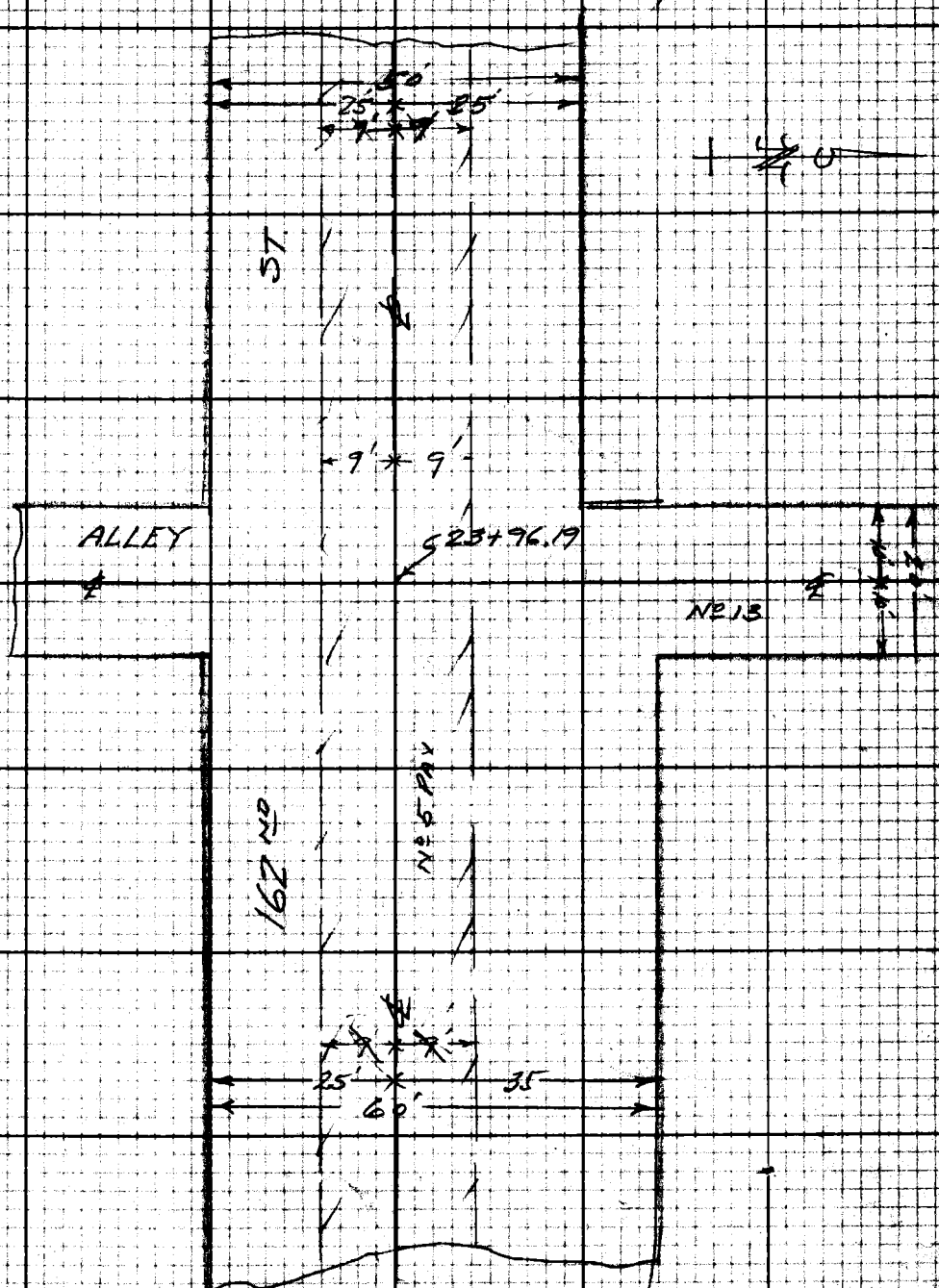
Do not extend notes this side of this line.



F.B. 1168 Pg. 102

Notes Ck'd by	Survey of 161st ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes KL Date 1-11-46
Date	Indexed C. Johnson

F.B. 1168 Pg. 103



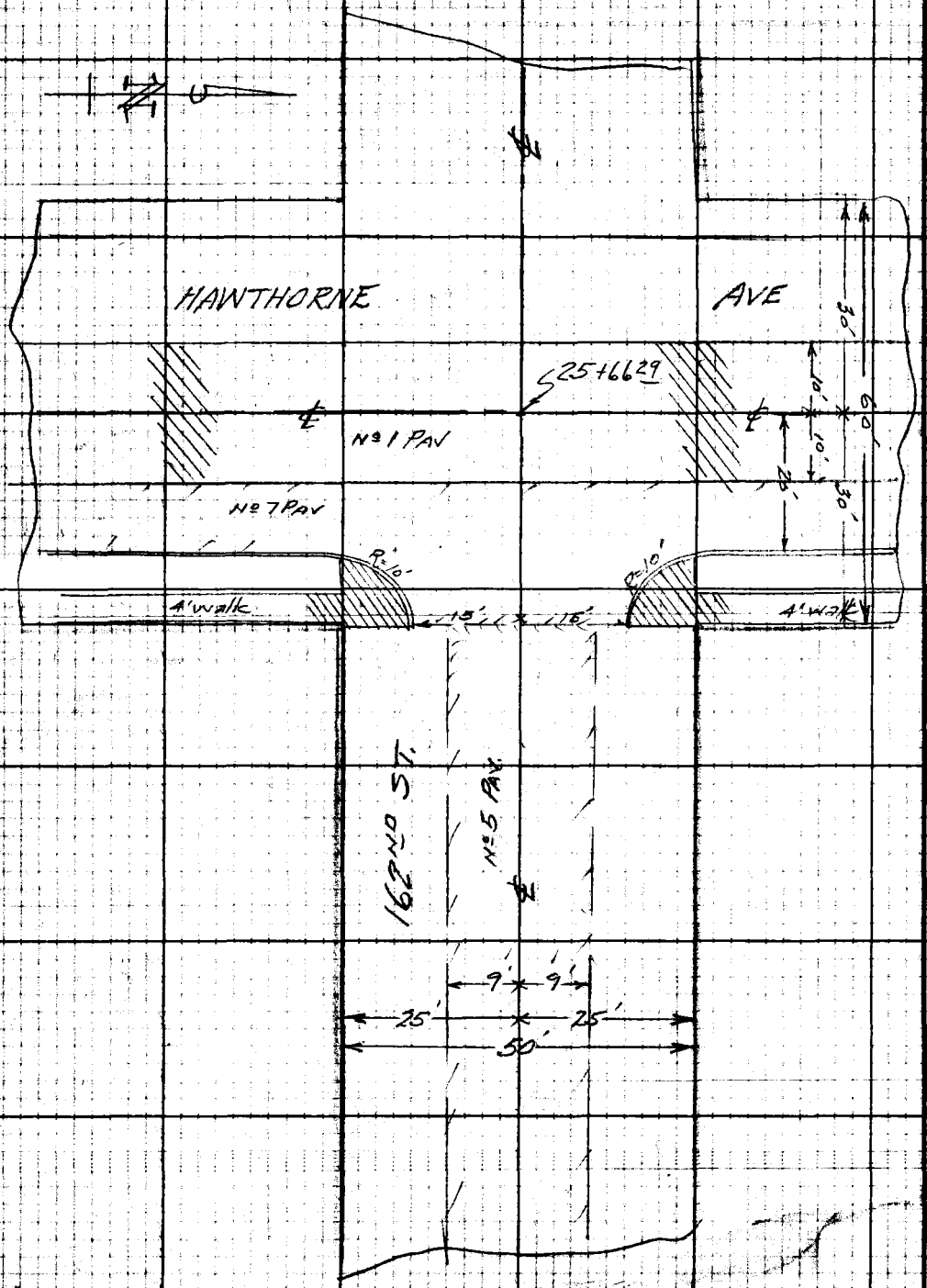
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 EM 11-41

F.B. 1168 Pg. 104



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Profile No.	Notes Red. Date	Plotted Date	Job No. 1141	Division No.	
X-Sec. No.	Notes Chkd. Date	Checked Date	Survey of 161st St.		
			Survey by Wallace	Notes Willey	Date 1-11-46
			Map No.	Date Johnson	Date MAR 11 '47

C.I. 1141 - 161st St.

162nd St.

from

Prairie Ave. to Hawthorne Ave.

Profile

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

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 2M 8-48

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	162nd St.		
BM FAI.				48.13'	BM FAI. El. 48.128 FB 891-14 Prairie Ave & 162nd St. S.W. Cor L&N in Par. 14W +53'S. ℄ Int.		
	4 84	5 2.97'			Lt.	℄	Rt
0-25			4 70	48 27'		℄ Int. Prairie Ave.	
0+00			5 07	47 90'		℄	
					Inlet S.	Outlet N.	Inlet W.
Invert Inlet S.			13 33	39 64'	5.08 Rim	5.08 Rim	5.10 Rim
Invert Outlet N.			13 33	39 64'	7.25 Depth	7.25 Depth	7.23 Depth
Invert Inlet W.			13 00	39 97'	1.00 Dia	1.00	.67-8"
					13.33' Rod	13.33'	13.00'
S.end C.R. S.W. Cor.			4 80	48 17'			
W.end C.R. S.W. cor.			4 39	48 58'			
N.end C.R. N.W. Cor.			4 50	48 47'			
W.end C.R. N.W. cor.			4 21	48 76'			
0+40			4 83	48 14'		℄	W. P.L. Prairie Ave.
0+90			4 5	48 5'		℄	
"			4 2	48 8'			20'
1+00			4 5	48 5'		℄	
"			4 6	48 4'	25		
"			4 2	48 8'			25
					25		35

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red. ____ Date 1-11-46 Notes Chkd. JED Date 1/11/46
Division No. 1141 Job No. 1141 Notes Wiley
Survey of ____ Survey by Wallace Indexed Jno. C. Johnson Date ____
F.B. No. 106

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	162nd St. Lt	℄	Rt
		52.97					
2+00			43	487		℄	
T.P.			437	4860			
	514	5374					
3+00			50	487		℄	
4+00			49	488		℄	
5+00			47	490		℄	
6+00			47	490		℄	
"			49	488	25'		
"			43	494			35'
6+42.3			46	491		℄	EPL Osage Ave
6+67.26			46	491		℄	Intr. Osage Ave
T.P.	474	5383	455	4919			
6+92.3			47	4912		℄	W.P.L. Osage Ave
8+00			46	4923		℄	
9+00			46	4923		℄	
10+00			46	4923		℄	
T.P.	548	5480	461	4922			
11+00			53	4945		℄	
"			54	4934	25'		
"			53	4945			35'

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____
Date ____ Date ____ Survey of 161st St.
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Wallace Notes Willey Date 1-11-46
Date ____ Date ____ Map No. ____ Added Johnson Date ____

F.B. 1168 Pg. 107

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	162nd St. Lt	℄	Rt
		54 ~~7~~ 8 0					
12+00			50	49 ~~7~~ 8		℄	
13+00			44	50 ~~3~~ 4		℄	
14+00			43	50 ~~4~~ 5		℄	
T.P.	5 52	55 ~~8~~ 9 8	434	50 ~~3~~ 6			
14+78.1			52	50 ~~7~~ 8		℄	E.P.L. Freeman Ave
15+08.10			51	50 ~~8~~ 9		℄	Intr. Freeman Ave
15+38.1			51	50 ~~8~~ 9		℄	W.P.L. Freeman Ave
16+00			47	51 ~~1~~ 3		℄	
"			46	51 ~~2~~ 3	25'		
"			46	51 ~~2~~ 3			35'
17+00			39	52 ~~3~~ 1		℄	
T.P.	5 73	57 ~~21~~ .81	390	~~51 16~~ 52.08			
18+00			53	52 ~~4~~ 5		℄	
19+00			50	52 ~~7~~ 8		℄	
20+00			44	53 ~~3~~ 4		℄	
21+00			42	53 ~~5~~ 6		℄	
T.P.	5 31	58 ~~65~~ .77	435	53 ~~3~~ 6			
22+00			48	~~53 1~~ 54 0		℄	
23+00			43	54 ~~4~~ 5		℄	
			44	54 ~~3~~ 4	25'		

F.B. 1169 PG. 108

Job No. 1141 Division No. Notes Red. Plotted Profile No.

Survey of 161st St. Date 1-11-46 Date X-Sec.

Survey by Wallace Notes Willey Notes Chkd. Checked No.

Indexed A. C. Jannaco Date Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	162nd St. Lt.	℄	Rt
		58 ~~65~~ .77					
23+00			43	54 ~~7~~ 5			35'
23+96 19			37	55 ~~8~~ 1		℄ Intr. Alley	
T.P.	5 36	60 ~~29~~ .41	372	~~54~~ 55 ~~93~~ .05			
25+00			48	55 ~~5~~ .6		℄	
25+36 3			43	56 ~~0~~ 1		℄ EPL. Hawthorne Ave	
E. end CR. SE. Cor			460	55 ~~69~~ 81			
S. " " " "			444	55 ~~85~~ 97			
E end CR. N.E. Cor.			464	55 ~~65~~ .77			
N. end " " "			480	55 ~~49~~ 61			
25+45			47	55 ~~6~~ .7		℄	
25+56 3			440	~~55 9~~ 56.01		℄	
25+66 29			435	55 ~~94~~ 56.06			
B.M. FA14			442	~~55 87~~ 55.99	B.M. FA14 - EL. 55.02 (?) F.B. 1168-30 1177 Hawthorne Ave. & 162nd ST. B. Tpk. in Pav. 9' W ℄ INTR.		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 441 Division No. ____ F.B. 1168-30
X-Sec. No. ____ Date ____ Date ____ Survey of 161st St.
Notes Chkd. ____ Checked ____ Survey by Wallace Notes Willey Date 1-11-46
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. [illegible] Pg. 170

Job No. 1141 Division No. ____ Notes Red. ____ Plotted ____ Profile

Survey of 161st St. Date 1-11-46 Date ____ No. ____

Survey by Wallace Notes Willey Notes Chkd. ____ Checked ____ X-Sec.

Indexed ____ Date ____ Date ____ Date ____ No. ____

STATION	B. S.	H. I.	F. S.	ELEV.	
					162nd St.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of 161st St.
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by J L Willey
Checked	Notes JLW Date 12-20-45
Date	Indexed A. C. Johnson

F.B. 1168 Pg. 111

MAR 11 47

CI 1141 - 161st ST.

Freeman Ave.

Storm Drain Sketch.

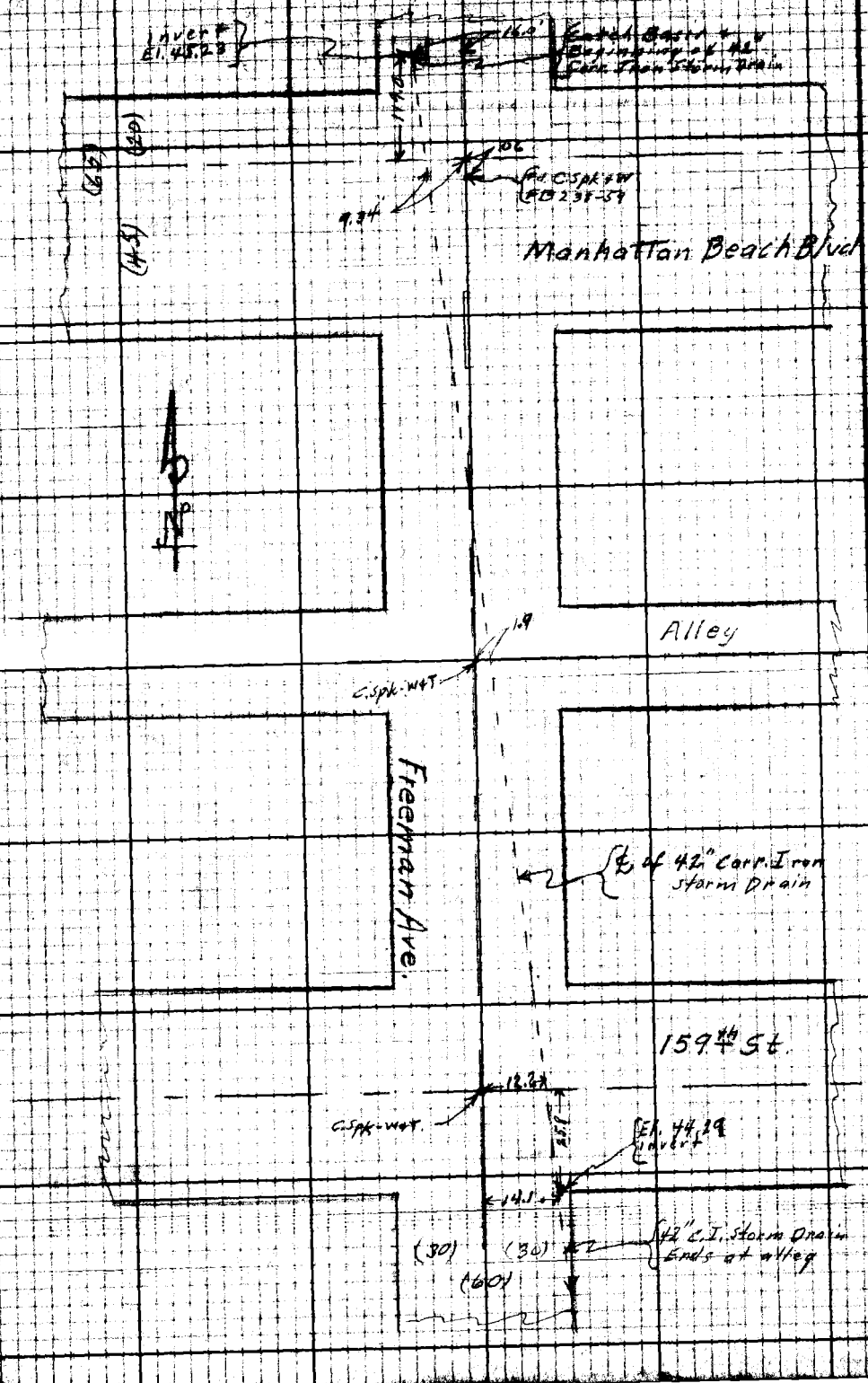
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 11-41

FB 168 PG. 112



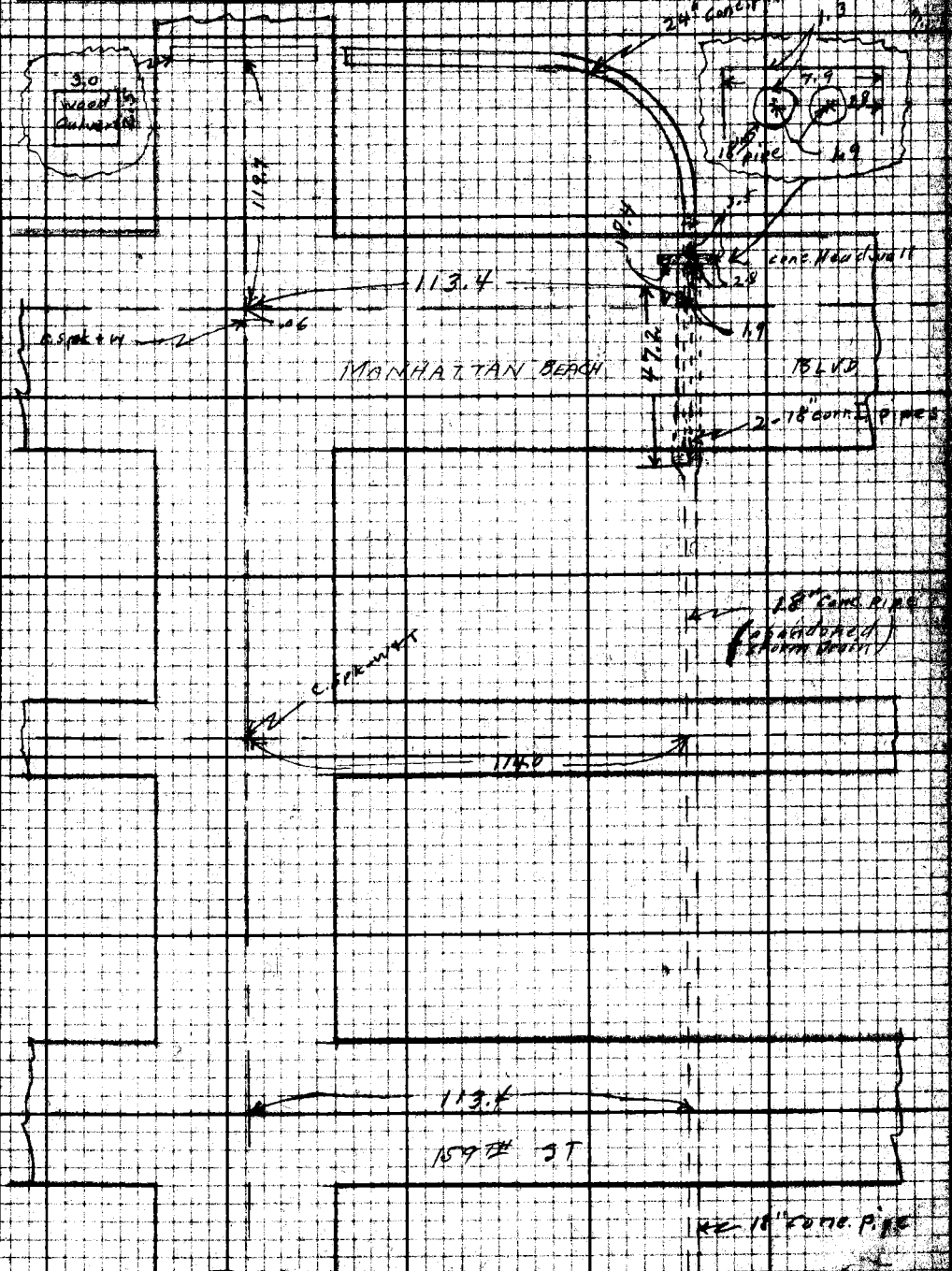
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ckd by	Survey of [illegible]
Map No.	W. O. [illegible] Type No. [illegible] Sh'd [illegible]
Office Work	Surveyed by T. L. Willey
Checked	Notes [illegible] Date [illegible]
Date	Indexed A. C. Johnson

F.B. [illegible]



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 [illegible] of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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F.B. 1661 Pg. 112-12

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			C.I. 1141 - 161st St.			
			Freeman Ave			
			Elev. on Storm Drains.			
			Manhattan Beack Blvd - So. to 1st Alley So. of 159th St.			

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____ F.B. 1172 Pg. 175
Date ____ Date ____ Survey of 161st St.
X:Sec. ____ Notes Chkd. ____ Checked ____ Survey by JLWilley Notes JLW Date 12-20-45
No. ____ Date ____ Date ____ Map No. ____ A. C. Johnson Date MAR 11 '47

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	
BM FA 68	3 00	54 33		51 33	BM FA68 El 51.333 FB 1168-50 159th St & Freeman Ave N.W. Cor Cut Spk. S.E. side P.P. 214927E
	depth	Dia	top Box	Rod.	
	2.13	3.50 437	10.00	44 33	Invert 42" Corr. Iron. Culvert.
			6 54	47.79	Top of 42" " " "
T.P.	4 77	5492	4 18	5015	
		3.50 619	9.69	4523	Invert 42" Corr. Iron Culvert @ N. end storm Drain
BM N 79			4 72	5020	BM N79 El 50.206 FB 1168-48 Manhattan Beach Blvd & Freeman Ave. SE Cor L&N in walk 5' E of end.
BM FA68	3 52	54 85		51 33	BM FA 68 - see above.
			5 86	48 19	top of 18 conc. pipe storm Drain (wall is 24 thick) on S.P.L. of 159th St.
			7 43	47 42	Invert 18" Conc. pipe - S.P.L. of Alley S. of 159th St
T.P.	4 80	55 18	4 47	50 38	
	depth 1.30	Dia 1.50 413	7.53	47 65	Invert 18" Corr. I. pipe N. side Manhattan
			5 12	50 6	Top of E end wood Culvert - Freeman
			4 85	50 3	" " W. " " " "
BM N 79			4 97	50 21	BM N79 - see above

Job No. 1141 Division No. Profile No. X-Sec. No.
Survey of 161st St Notes Date
Survey by T. Willey Notes T. Willey Date
Indexed A. C. Johnson Date
Notes Red. Date 12-20-45 Date Checked
Notes Chkd. JED Date 1-21-46

Notes Ck'd by	Survey of 161ST ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by WALLACE
Checked	Notes W. Date
Date	Indexed A. C. Johnson

F.B. 1168 Pg. 115

MAR 11 '47

C.I. 1141 - 161ST ST

LARCH AVE.

FROM

MANHATTAN BEACH BLVD.

TO

153RD ST.

SKETCHES

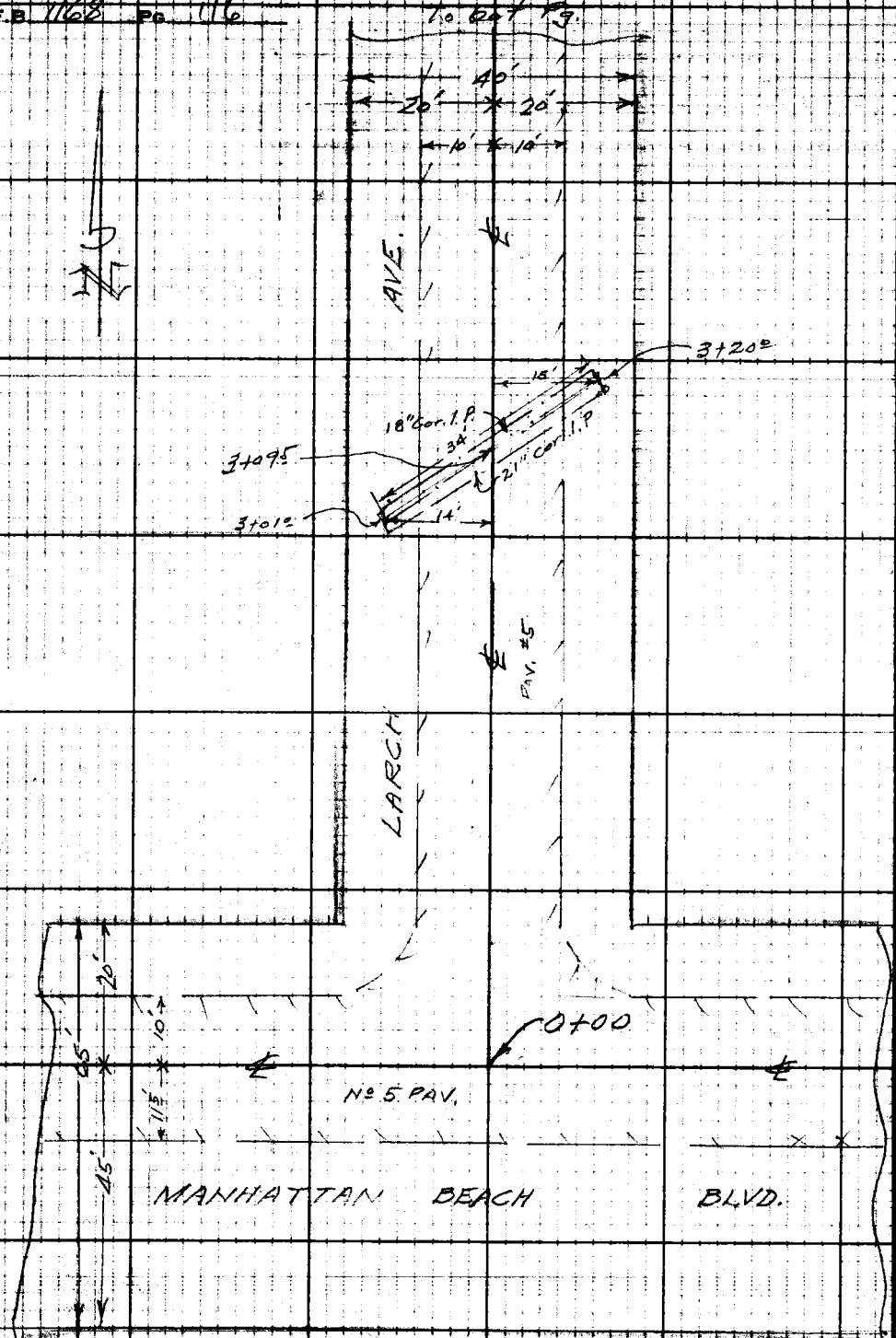
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 11-41

F.B. 1168 PG. 116



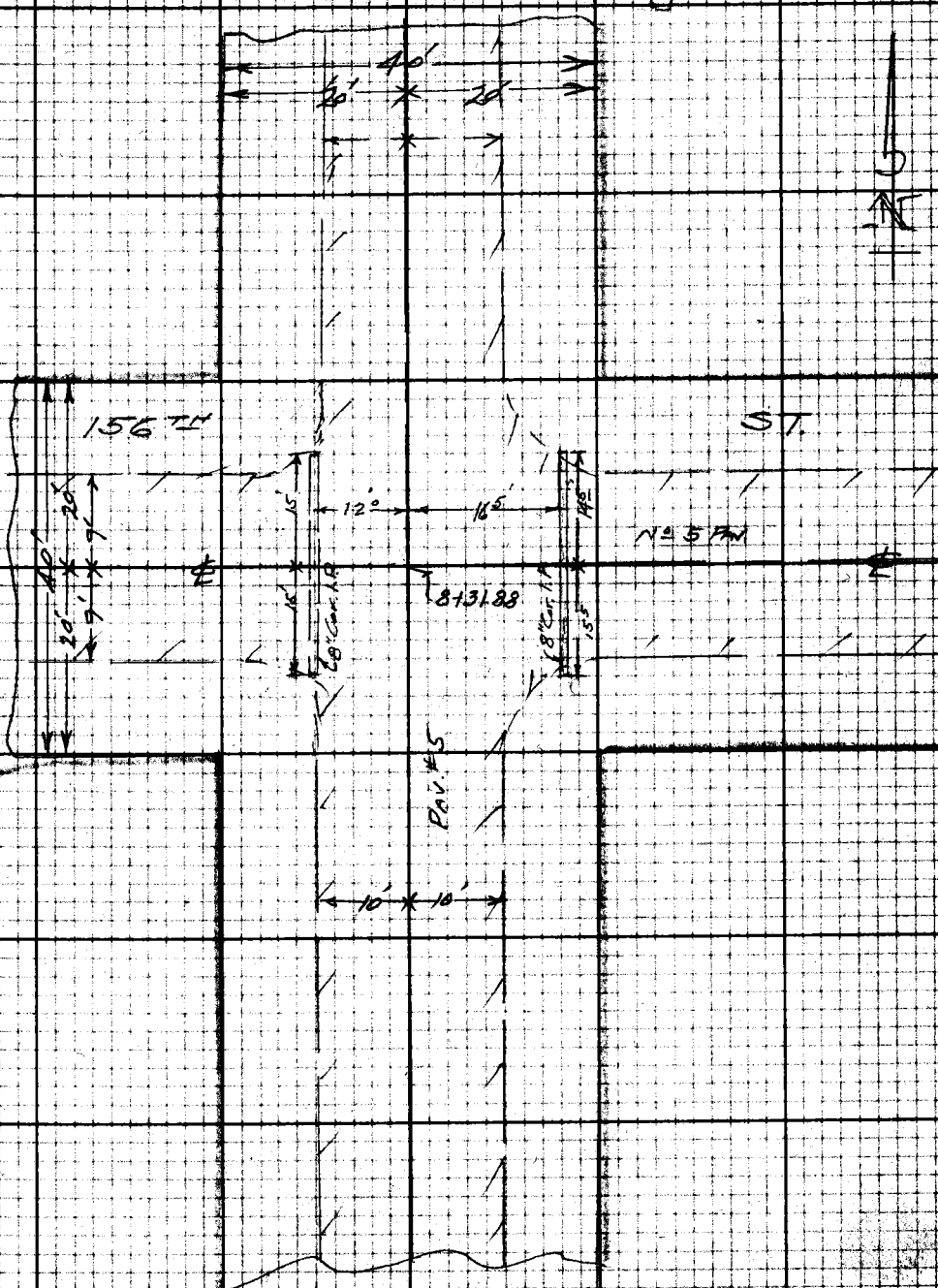
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of 161st ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes W Date 1-2-46
Date	Indexed A. C. Johnson

F.B. 1168 Pg. 117



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Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 847 SM 11-41

F.B. 1160 PG. 118

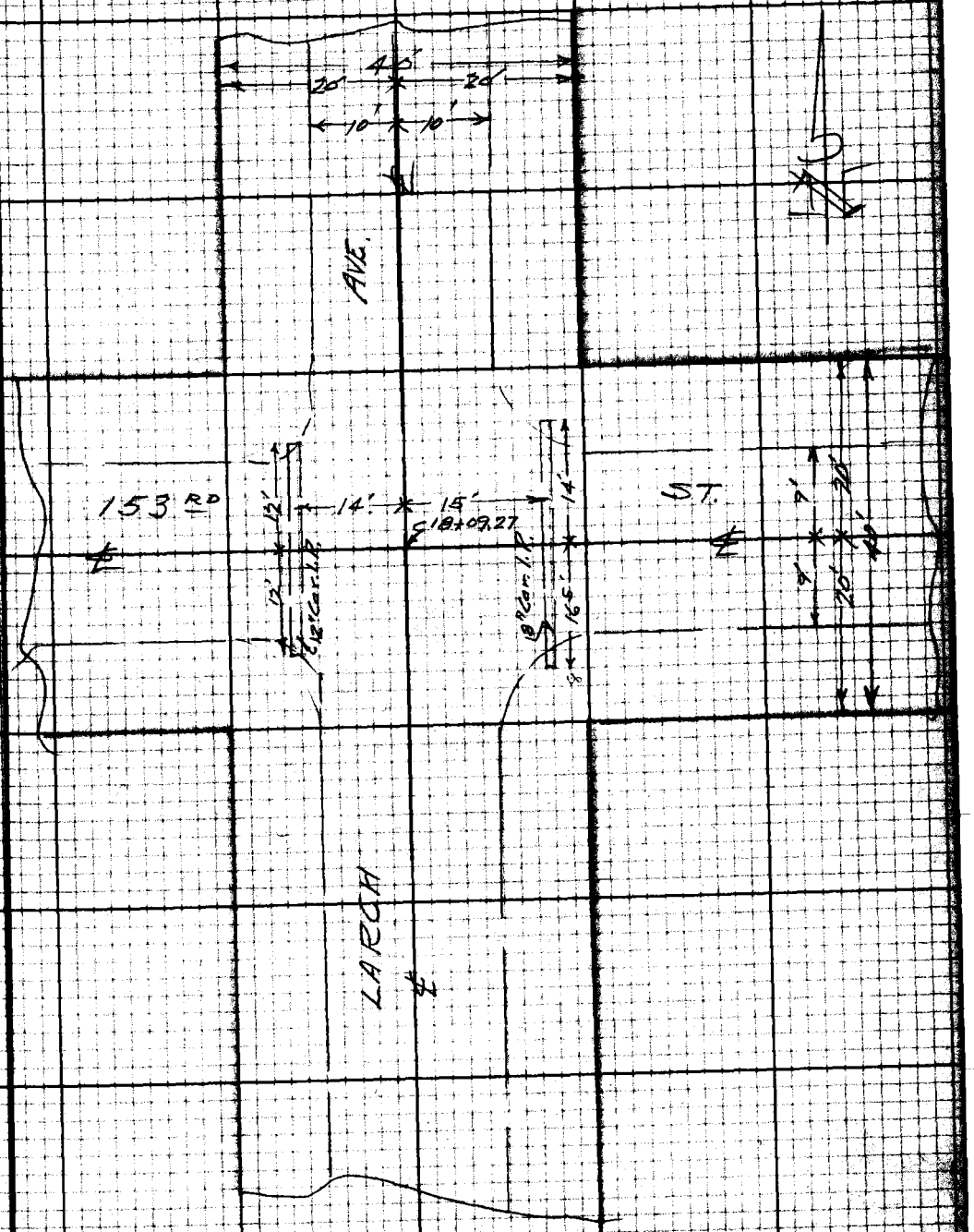
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of 161ST ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by WALLACE
Checked	Notes W. Date 1-2-46
Date	Indexed A. C. Johnson

F.B. 1162 Pg. 119



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 SM 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

FB 1168 Pg. 172

Profile No.	Notes Red.	Plotted	Job No. 1141 Division No.
	Date	Date	Survey of 161st St.
X-Sec. No.	Notes Chkd. SEB	Checked	Survey by Wallace Notes JLWilley Date 1-2-46
	Date 1/16/46	Date	Map No. Johnson Date MAR 11 '47

C. I. 1141 - 161st St

Larch Ave.

from

Manhattan Beach Blvd to 153rd St

Profile

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

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 2M 8-45

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Larch Ave.
BMN81				51 42	BMN81 Elev. 51.418 F.B. 1168-48 Manhattan Beach Blvd & Larch Ave. L&T in walk - S. side St. 5' W. ℄ Prod.
	5 07	56 59			
					W ℄ E.
0+00			5 00	51 59	℄ Intr. Manhattan Beach Blvd
0+20			4 7	51 9	℄ N.P.L. " " "
1+00			4 5	52 1	℄
			4 7	51 9	8' edge pav.
			5 6	51 0	14'
			5 0	51 6	16'
			4 9	51 7	20' W.P.L. Larch Ave.
			4 7	51 9	edge Pav. 9'
			5 7	50 9	14'
			5 1	51 5	16'
			5 1	51 5	E.P.L. Larch Ave. 25
2+00			5 0	51 6	℄
			5 2	51 4	8' edge Pav.
			6 3	50 3	13.5
			5 4	51 2	17'
			5 3	51 3	20'
			5 4	51 2	8'
			6 3	50 3	14'

F.B. 1168 PG. 122
Survey of 161st St.
Survey by Wallace
Indexed C. Johnson
Job No. 1141
Division No.
Notes Willey
Notes Red.
Date 1-2-46
Notes Chkd.
Date
Plotted
Date
Checked
Date
Profile No.
X-Sec. No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Larch Ave
		56 59			W ℄ E
2+00			5 7	50 9	17'
			5 6	51 0	20'
3+01			5 7	50 9	℄
			8 36	48 23	14' Invert 21" Corr. I.P.
			8 21	48 38	14' Invert 18" Corr. I.P.
3+09			5 8	50 8	℄
3+20			8 55	48 04	Invert 21" Corr. I.P. 15'
"			8 62	47 97	Invert 18" Corr. I.P. 15'
T.P.	5 12	55 68	6 03	50 56	
4+00			4 9	50 8	℄
			5 2	50 5	8' edge Par.
			6 1	49 6	13'
			5 3	50 4	17'
			5 4	50 3	20' W.P.L.
			5 2	50 5	8' edge Par.
			6 5	49 2	13'
			6 0	49 7	15'
			6 0	49 7	E.P.L. 20'
5+00			4 5	51 2	℄
			4 9	50 8	8' edge Par.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1144 Division No. ____ P.B. 1168 Pg. 123
Date ____ Date ____ Survey of 161 St St.
Notes Chkd. ____ Checked ____ Survey by Wallace Notes Willey Date 1-2-46
Date ____ Date ____ Map No. ____ Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Larch Ave
		55 68 7			W ℄ E
5+00			6 0	49 7	13'
			5 2	50 5	18'
			5 1	50 6	130' back lot line
			4 6	51 1	edge Pav. 8'
			5 7	50 0	13'
			5 0	50 7	16'
			5 0	50 7	back lot line 130'
6+00			4 0	51 7	℄
			4 3	51 4	8' edge Pav.
			5 5	50 2	13'
			4 1	51 6	17'
			4 5	51 2	20'
			4 3	51 4	edge pav. 8'
			5 1	50 6	13'
			4 0	51 7	20'
T. P.	4 78	56 66 7	3 80	51 88	
7+00			4 4	52 3	℄
			4 9	51 8	8'
			6 3	50 4	13'
			5 0	51 7	20'

F.B. 1168 Pg. 124
Job No. 1141 Division No.
Survey of 161st St
Survey by Wallace Notes Witley
Indexed C. Johnson Date
Notes Red. Date 1-2-46
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	Larch Ave W ℄ E
		5666			
7+00			47	520	8'
			53	514	13'
			46	521	20'
8+12			41	526	℄ SPL 156th St.
8+16.3			5.66	51.00	Invert 8" Corr. I.P. 16.5
8+16.5			5.61	51.05	12' Invert 8" Corr. I.P.
8+32			40	527	℄ Intr. 156th St.
8+46.5			5.33	51.33	Invert 8" corr I.P. 16.5
8+47			5.11	50.95	12' Invert 8" Corr. I.P.
8+52			41	526	NPL 156th St.
BM N90			3.81	52.85	BMN90 Elev. 52.798 FB 1168-54 156th St. & Larch Ave, NW Cor. C.Spk in N. side P.P. # 240843E
	417	5697			
9+00			45	525	℄
"			49	52.1	8'
			59	51.1	13'
			53	51.7	20'
			47	52.3	8'
			55	51.5	14'
			46	52.4	20'
10+00			48	52.2	℄

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____
Date ____ Date ____ Survey of 161st St.
X.Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Wallace Notes Willey Date 1-2-46
Date ____ Date ____ Map No. ____ Andrew Johnson Date ____

F.B. 1168 Pg. 125

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Larch Ave
		56 7 97			W ℄ E
11+00			46	52 4	℄
			50	52 0	8' edge Pav.
			61	50 9	14'
			53	52 7	20'
			49	52 1	edge Pav. 8'
			55	52 5	14'
			52	52 8	20'
T.P.	4 82	57 22	4 57	52 40	
12+00			45	52 7	℄
13+01			41	53 1	℄ SPL 154th St.
			43	52 9	8' edge pav.
			52	52 0	12'
			44	52 8	20'
			41	53 1	8'
			50	52 2	12'
			42	53 [illegible]	20'
13+04.5			4 93	52 29	Invert 8" Corr. I. P. 15'
13+09			5 79	51 43	14' Invert 12" Corr. I. P.
13+21			5 33	51 89	℄ Intr. 154th St.
13+32.5			3 8	53 4	14' Invert 12" Corr. I. P.

F.B. 1168 PG. 126
Survey of 161st St
Survey by Wallace
Indexed C. Johnson
Job No. 1141
Division No.
Notes Wittig
Notes Rad.
Date 1-2-46
Notes Chkd.
Date
Plotted
Date
Checked
Date
Profile No.
X-Sec. No.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Lark Ave W ℄ E
		57 22			
13+35			4 79	52 43	Invert 8" Corr. I.P. 15'
13+41			3 8	53 4	℄ NPL 154th St
BM N 84			4 12	53 10	BMN84 Elev. 53.105 FB 1168-55 154th St & Larch Ave S.E. Cor. Lt T. in N.W. Cor. Conc. walk to front Entrance to Ho. # 4236.
	5 25	58 35			
14+00			4 9	53 5	℄
"			5 3	53 1	8'
"			6 2	52 2	13'
"			5 3	53 1	20'
"			5 1	53 3	8'
"			5 4	53 0	13'
"			5 5	52 9	20'
15+00			4 7	53 7	℄
16+00			4 8	53 6	℄
"			5 2	53 2	8'
"			6 2	52 2	13'
"			5 4	53 0	20'
"			5 4	53 0	130' back lot line
"			5 2	53 2	8'
"			6 1	52 3	13'
"			5 4	53 0	20'

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____
X:Sec. ____ Date ____ Date ____ Survey of 161 St St.
No. ____ Notes Chkd. ____ Checked ____ Survey by Wallace Notes Willey Date 1-2-46
Date ____ Date ____ Map No. ____ Alex C. Johnson Date ____

F.B. 1168 PG. 127

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Larch Ave.
		58 35			W ℄ E.
16+00			56	52 8	back lot line 190'
T. P.	5 11	58 48 5	4 98	53 37	
17+00			48	53 7	℄
17+90			47	53 8	℄
"			50	53 5	8'
"			59	52 6	13'
"			52	53 3	20'
"			50	53 5	8'
"			57	52 8	13'
"			52	53 3	20'
18+10			46	53 9	℄ Intr. 153rd St
BMN 93			4.45	54 03	BMN 93 El. 54.039 F.B. 1168-52 153rd St. & Larch Ave. S. W. Cor. C. Spk. in N. Side P. P. # 185465 E

F.B. 1168 PG. 128
Job No. 1141 Division No. Notes Red. Date 1-2-46 Plotted Date No. Profile
Survey of 161st St.
Survey by Wallace Notes Willey Notes Chkd. Date Checked Date No. X-Sec.
Indexed C. Johnson Date

Notes Ck'd by	Survey of 161ST ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes KI Date 1-11-46
Date	Indexed A. C. Johnson

F.B. 1168 Pg. 129

MAR 11 '47

C.I. 1141 - 161ST ST

154TH ST.
FROM
LARCH AVE.
TO
HAWTHORNE AVE.

SKETCHES

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

F.B. 1162 Pg. 130

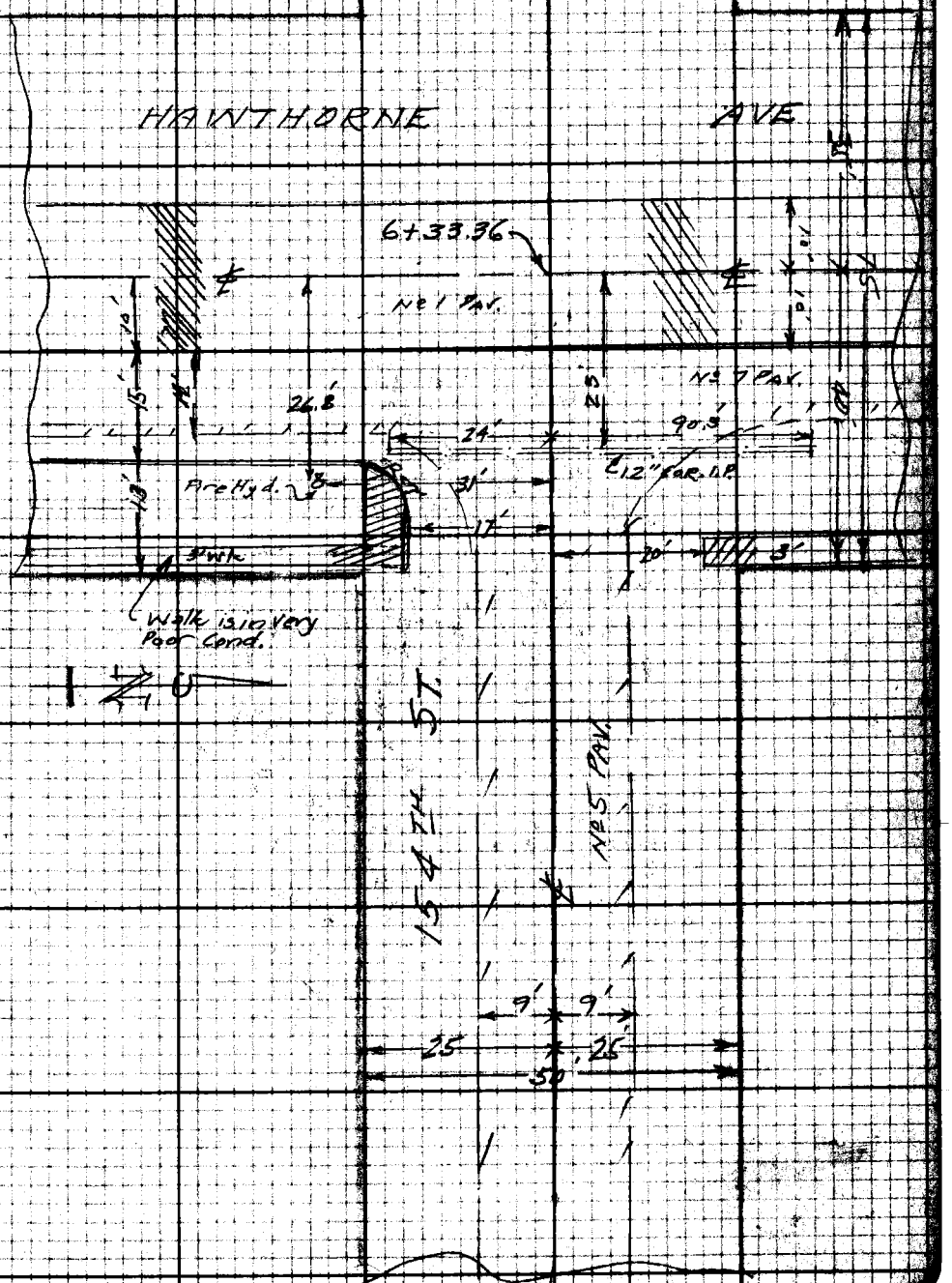
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of 161st St
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes Wallace Date 1-11-46
Date	Indexed [illegible]

F.B. 1168 PG. 131



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 exceed notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 147 EM 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. 1168 Pg. 121

Profile	Notes Red.	Plotted	Job No. 1141	Division No.	F.B. [illegible] Pg. [illegible]
No.	Date	Date	Survey of 161st St.		
X:Sec.	Notes Chkd. SEB	Checked	Survey by Wallace	Notes Willey	Date 1-11-46
No.	Date 1/17/46	Date	Map No.	Indexed [illegible]	Date MAR 11 '47

C.I. 1141 - 161st St

154th St.

from

Larch Ave to Hawthorne Ave.

Profile

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

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 2M 8-45

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. X-Sec. No.
Plotted Date Checked Date
Notes Red. Date Notes Chkd. Date
Division No. Job No. 1141
Notes Willey
Date 6/15/54
Survey of
Survey by Wallace
Indexed C. Jones
F.B. 1168 Pg. 134

STATION	B. S.	H. I.	F. S.	ELEV.	Lt.	℄	Rt.
					15476		St.
					BM N84 El. 53.105.		F.B. 1168-55
BM N84				53 10	154th St. & Larch Ave., S.E. Cor.		
					L&N. in N.W. Cor. Conc. Walk to Front Entrance to Ho. #4236		
	484	5794.					
0+00			46	53 3		℄ Intr. Larch Ave.	
0+14			651	51 43.	12' Invert 12" corr. I. pipe		
"			607	51 57.	Invert 12" corr. I. pipe		11'
0+20			47	53 2.		℄ WPL. Larch	
"			53	52 6.	25'		
"			51	52 8.			25'
1+00			47	53 2.		℄	
1+25			483	53 11.			10' Top 11' Conc. Drive
2+00			48	53 1.		℄	
T.P.	493	5768.	519	52 75.			
3+00			47	53 0.		℄	
4+00			48	52 9.		℄	
4+75			45	53 2.		℄	
5+00			44	53 3.		℄	
5+93±			45	53 2.		℄ EPL Hawthorne	
E. end C.R. S.E. Cor			518	52 50.			
" " "			506	52 62.			
5+93±			476	52 12.	Conc. Walk		25'
					25	6433.36	25

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	154th St.
		57 68			
6+33 36			3 96	53 72	
6+10 4			6 10	51 58	24' invert 12" Corr. I Pipe
"			5 52	52 16	Invert 12" Corr. I pipe 90'5
BMN82			3 37	54 31	BMN82 El. 54.275 FB 1168-51 Hawthorne Ave + 154th St. N.E. Cor. B.Spk in N. End Culvert Hdwall, E. side P.E. R/W

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____ F.B. 1168-51
Date ____ Date ____ Survey of 161st St
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Wallace Notes Willey Date 1-11-46
Date ____ Date ____ Map No. ____ Alex E. Johnson Date ____

F.B. 168 Pg. 136

Job No. 1141 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of 161st St. Date 1-11-46 Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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

FORM 307 3M 6-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			C. I 1141 - 161st St.			
			154th St.			
			from			
			Freeman Ave - to Larch Ave.			
			Profile.			
			SKETCHES SHOWN ON PGS. 146 & 130			

Profile No. ____ Date ____ Notes Chkd. SEB Date 11/16/46 Plotted ____ Date ____ Job No. 1141 Division No. 161st St. Survey of ____ Survey by JLWilley Notes JLW Date 12-27-45 Map No. ____ Date ____ Date ____

X-Sec. No. ____ Date ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Date ____

P.B. 114

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
BMN85				53 62	BMN.85 El 53.623 154th St + Free	FB 1168-52
	3 56	57 18			S	N
0+00			4 0	53 2		℄
0+12.5			5 33	51 85	15.5	
"			5 11	52 07		14.5
0+20			4 1	53 1		℄ W.P.L. Freeman Ave.
1+00			4 1	53 1		℄
"			5 3	51 9	14'	
"			4 6	52 6	16'	
"			4 7	52 5	25'	
"			5 3	51 9		13'
"			4 8	52 ~~3~~ 4		17'
"			4 8	52 ~~5~~ 4		25'
2+00			4 1	53 1		℄
3+00			3 9	53 3		℄
"			5 3	51 9	14'	
"			4 2	53 0	16'	
"			4 4	52 8	25'	
"			5 1	52 1		13'
"			4 4	52 8		16

F.B. 1168 PG. 138
Job No. 1141 Division No.
Survey of 161st St.
Survey by J L Willey Notes J L W
Indexed A. C. Johnson Date
Notes Red. Date 12-27-45
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	154th St.
		57 18			S ℄ N.
3+00			4 4	52 8	25'
4+20 ±			3 8	53 4	℄ Intr. Larch Ave.
BMN84			4 07	53 11	BMN84 El. 53.105 F.B. 1186-55 154th St. & Larch Ave SE Cor. L&N. in N.W. Cor. Conc. Walk, front entrance to No. 4236.

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____
Date ____ Date ____ Survey of 161st St.
X:Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by JL Willey Notes JLW Date 12-27-45
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1168 Pg. 189

F.B. 1168 PG. 140

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			C. I 1141 - 161st St.			
			154th St			
			from			
			Freeman Ave - E. to Tract line			
			Profile			
			SKETCH PG. 146			

Profile Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____ F.B. 116 Pg. 141
No. ____ Date ____ Date ____ Survey of 161st St.
X-Sec. Notes Chkd. ____ Checked ____ Survey by J.L. Willey Notes J.L.W. Date 12-27-45
No. ____ Date ____ Date ____ Map No. ____ Indexed J. Johnson Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	154th St. → E
BMN85				53 62	BMN85 Elev. 53.623 - F.B. 1168-52 154th St & Freeman Ave. N.W. Cor. Cut Spk. in N. Side P.P. #233915E.
	409	57 71			
					N ℄ S.
0+00			4 5	53 2	
0+155			5 97	51 14	15' invert 10" Corr. I. Culvert
"			5 73	51 18	invert 10" Corr. I. Culvert 15.5
0+20			4 5	53 2	℄ E.P.L. 153rd St.
1+00			4 5	53 2	℄
"			5 4	52 3	13'
"			4 9	52 8	15'
"			4 8	52 1	25'
"			5 2	52 5	13'
"			4 7	53 0	14'
"			5 2	52 5	25'
2+00			4 8	52 9	℄
2+09			4 8	52 9	℄ Intr. Tract line
BMN85			4 09	53 62	BMN 85 - See above.

F.B. 1168 Pg. 147 Job No. 1141 Division No. Notes Red. Plotted Profile
Survey of 161st St. Date 12-27-45 Date No.
Survey by J.L. Willey Notes J.L.W. Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

Notes Ckd by	Survey of 161 ST
Map No	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes KV Date 12-27-45
Date	Indexed ▲ C. Johnson

MAR 11 '47

F.B. 1168 Pg. 145

C.I. 1141 - 161ST ST

FREEMAN AVE

FROM

ALLEY N. OF 159TH ST

TO

153RD ST.

SKETCHES

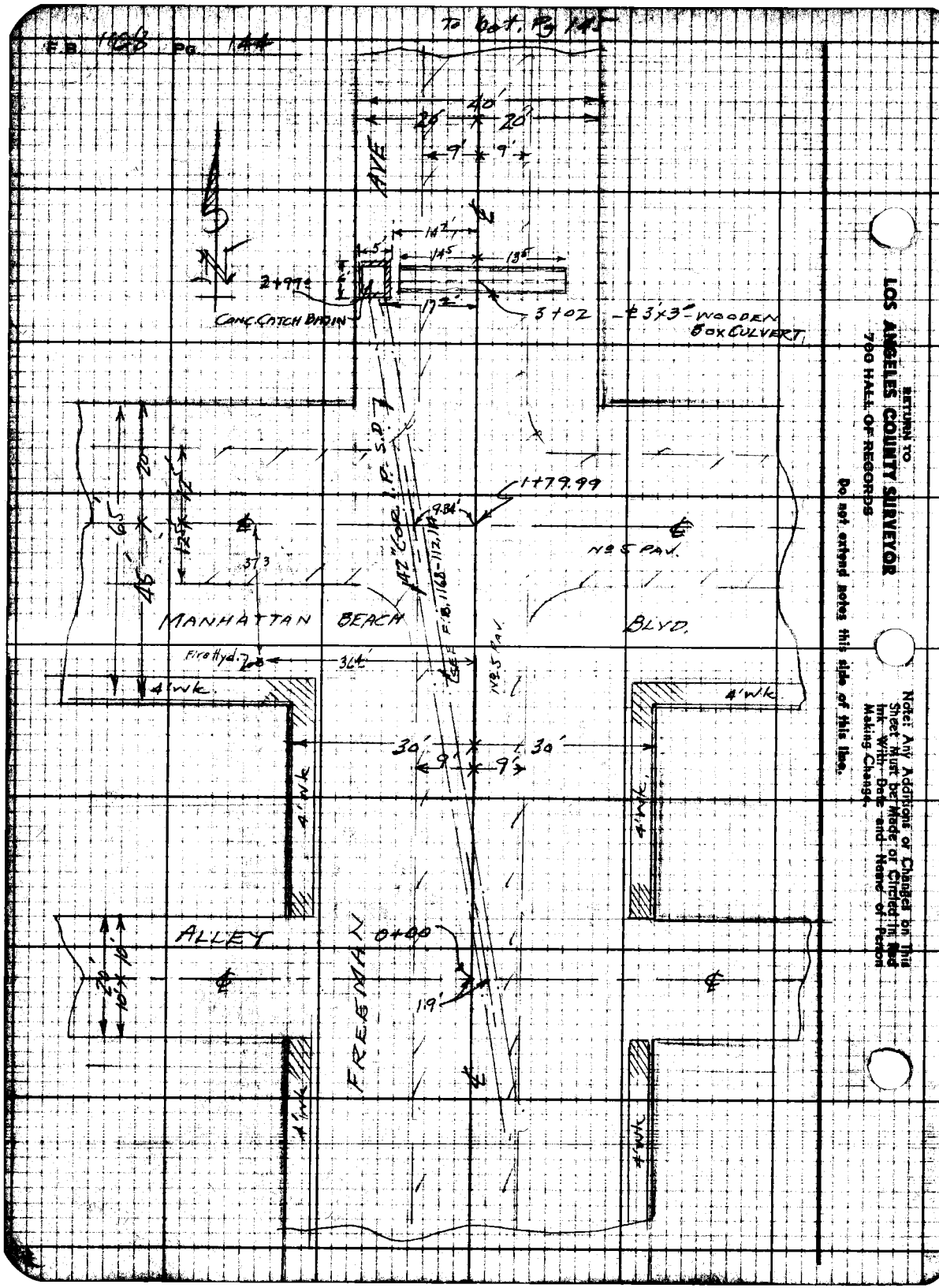
Wallace
Willey
Dreier
Dickie

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 2.27 REV. 11-41



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

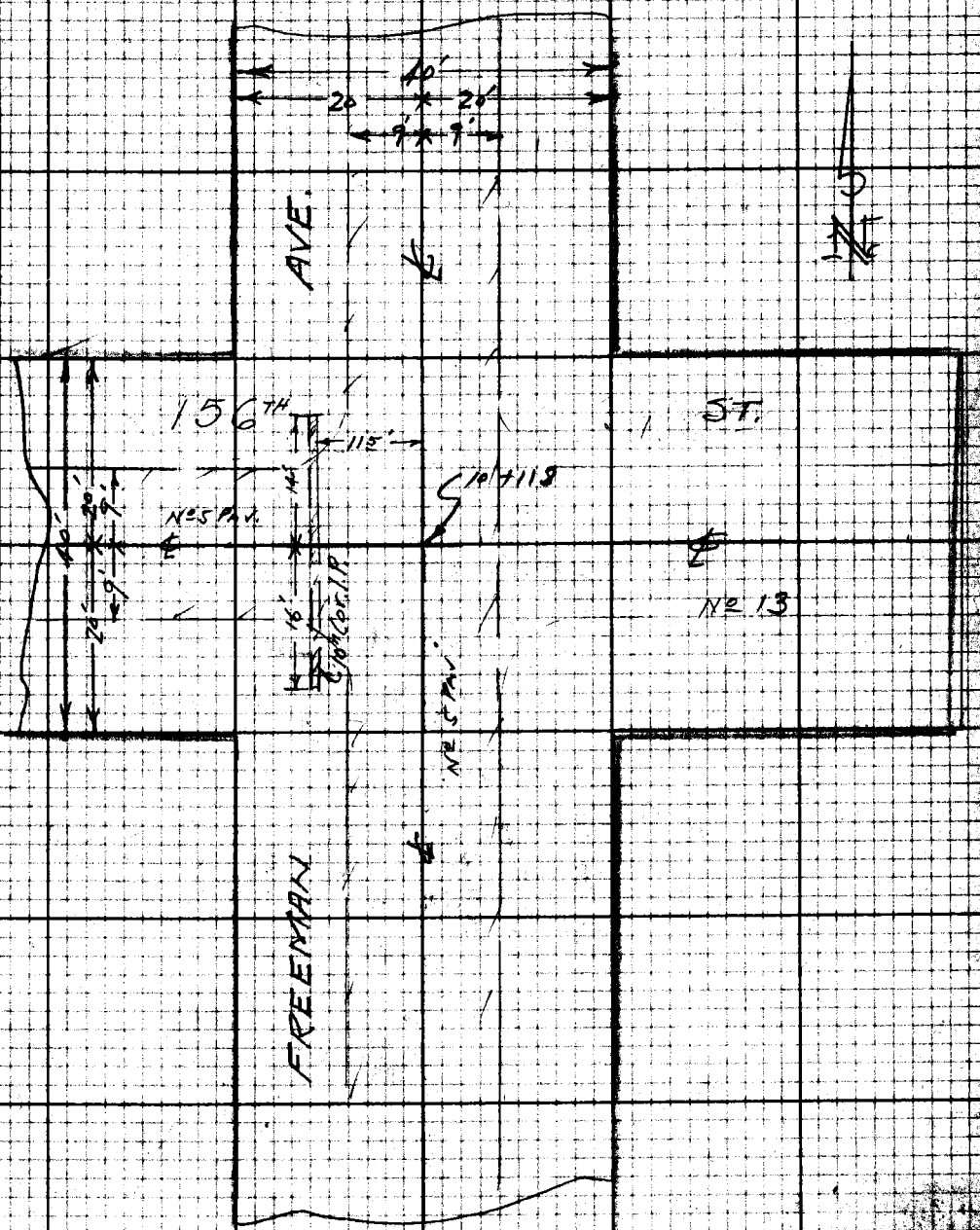
Do not extend notes this side of this line.

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

180

Notes Ck'd by	Survey of 161st ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes KY Date
Date	Indexed A. C. Johnson

F.B. 1168 Pg. 145

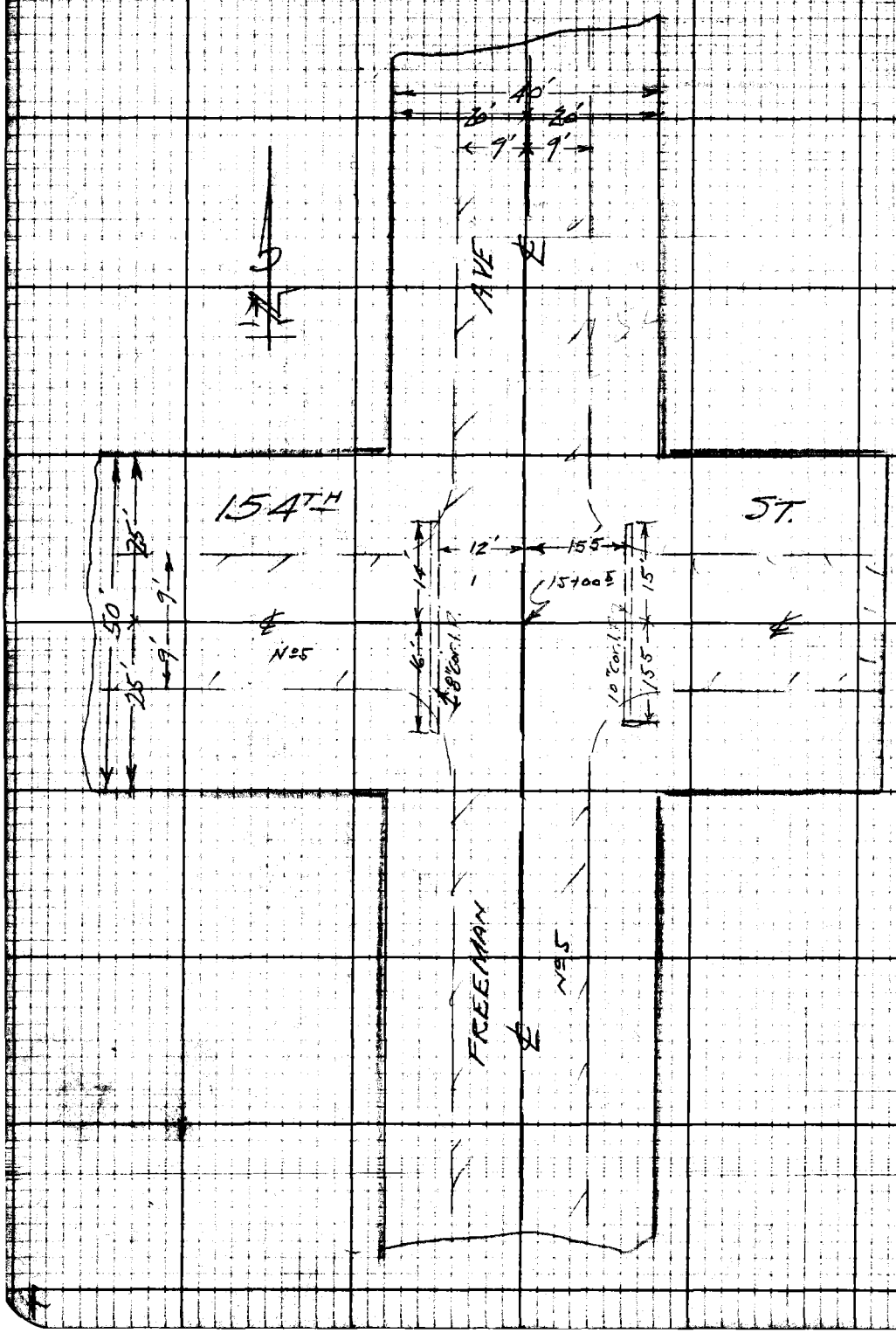


Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not exceed notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

F.B. 1168 PG. 146



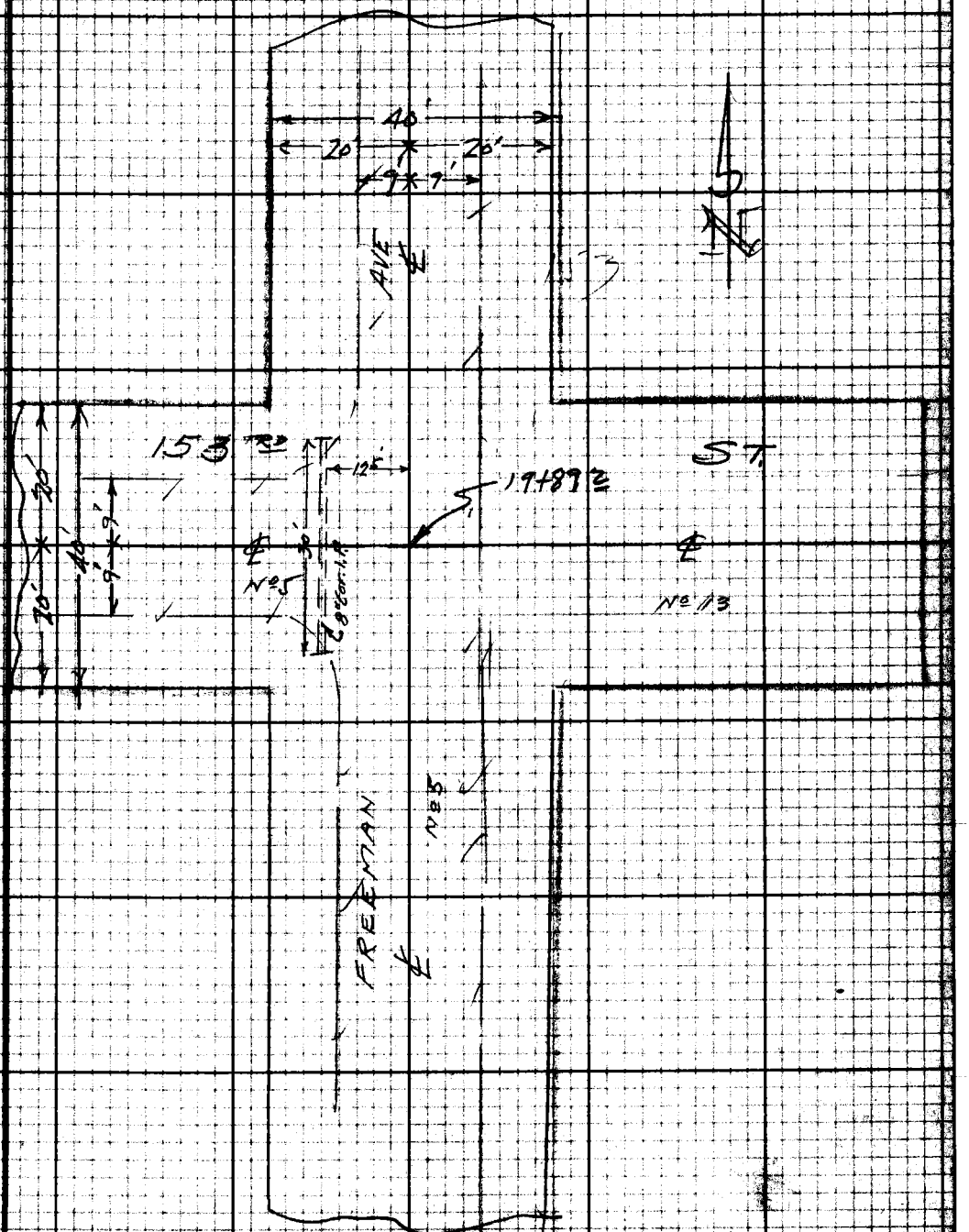
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by		Survey of	161 ST ST
Map No.		W. O. 1141	Tape No. ___ St'd ___ °F
Office Work		Surveyed by	Wallace
Checked		Notes	ECW Date 12-27-41
Date		Indexed	A. C. Johnson

F.B. 1166 Pg. 147



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 RM 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

F.B. 1163 Pg. 148

FORM 307 2M 6-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

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

CI 1141 - 161st St.

Freeman Ave

from

1st Alley N. of 159th St. to 153rd St.

Profile

Profile Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____ F.B. 116 Pg. 147

No. ____ Date ____ Date ____ Survey of 161st St

X/Sec. Notes Chkd. ____ Checked ____ Survey by JLWilley Notes JLW Date 12-27-45

No. ____ Date ____ Date ____ Map No. ____ Date ____ AR 1141

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red. ____ Date 12-27-45 Notes Chkd. ____ Date ____

Division No. ____ Job No. 44 Notes J.L.W.

Survey of 16157

Survey by J.L.Willey

Indexed C. Jabra

F.B. 1166 PG. 150

STATION	B. S.	H. I.	F. S.	ELEV.	Freeman Ave	E Rt	℄	W Left
BM N 80				50 21	BM N 80 El. 50.208 - FB 1166-48 Manhattan Beach Blvd & Freeman Ave. S.E. Cor L & T in walk, 5' E. of end.			
	5 16	55 37						
0+00			51	50 3			℄ Intr. Alley (pro. M.H.)	
1+00			50	50 4			℄	
"			61	49 3				15'
"			56	49 8				18'
"			52	50 [illegible]	back walk			30'
"			60	49 4	15'			
"			56	49 8	17'			
"			55	49 9	30' back walk			
1+35			49	50 5			℄ E.P.L. Manhattan Beach Blvd	
1+80			47	50 7			℄ Intr " "	
2+00			47	50 7			℄ W.P.L. 17' " "	
2+99±			6 14	49 23	Top Head wall, begin 42" Storm Drain		℄ ℄ cross culvert (wood.)	
3+0.1			50	50 4				
"			5 27	50 10	14.5' Top of 3'x3.5' square wood Culvert			
"			7 56	47 81	14.5 flow line " " " "			
"			5 06	50 31	Top of 3'x3.5' square wood Culvert 14.5			
"			7 36	48 01	flow line of " " "			
"			7 62	47 75	Top of 5'x6' Conc. Catch basin			15'
"			7 63	47 74	" " " " " "			20'

FORM 307 2M 6-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Freeman Ave LT.	℄	RT.
		55 37					
3+01			10 50	44 87	bottom conc. catch basin 17' Lt		
4+00			4 9	50 5		℄	
			6 0	49 4			11'
			5 2	50 2			14'
			5 4	50 0			20'
			6 4	49 0	14'		
			5 7	49 7	27'		
			5 4	50 0	20'		
5+00			4 5	50 9		℄	
T. P.	5 23	55 92	4 68	50 69			
6+00			4 8	51 1		℄	
7+00			4 5	51 4		℄	
"			5 6	50 3			11'
"			4 9	51 0			14'
"			5 1	50 8			20'
"			5 6	50 3	13'		
"			5 0	50 9	16'		
"			4 9	51 0	20'		
8+00			3 8	52 1		℄	
9+00			3 2	52 7		℄	

Profile No. ____ Notes Red. ____ Plotted ____ Date ____ Job No. 1141 Division No. ____ Survey of 167 St 57
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____ Survey by J.L. Willey Notes J.L.W. Date 12-27-45
Map No. ____ Date ____ Indexed Johnson Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Freeman Ave LT	℄	Rt
		55.92					
9+00			4 6	51 3			11'
"			3 6	52 3			14'
"			3 8	52 1			20'
"			4 8	51 1	13'		
"			3 5	52 4	16'		
"			3 9	52 0	20'		
T.P.	4 60	57.02	3 50	52 42			
			4 2	52 8		℄	S.P.L. 156th St.
9+95.8			5 63	51 39	Invert 10" corr. I. Culvert.		11.5
10+11.8			4 2	52 8		℄	
10+25.8			5 46	51 56	11.5		
10+31.8			4 1	52 9		℄	N.P.L. 156th St.
11+00			4 0	53 0		℄	
"			5 4	51 6			11'
"			4 7	52 3			15'
"			4 6	52 4			20'
"			5 3	51 7	13'		
"			4 8	52 2	16'		
"			4 8	52 2	20'		
12+00			4 1	52 9			

F.B. 1168 PG. 152 Job No. 1141 Division No. Notes Red. Plotted Profile
Survey of 161st St. Date 12-27-45 Date No.
Survey by J.L. Willey Notes J.L. Willey Notes Chkd. SEB Checked X-Sec.
Indexed A. C. Johnson Date Date 1/21/46 Date No.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Freeman Ave W		
		57 02			Lt.	℄	Rt.
T.P.	4 35	57 02	4 35	52 67			
13+00			4 1	52 9		℄	
"			5 4	51 6			11'
"			4 7	52 3			14'
"			4 8	52 2			20'
"			5 3	51 7	13'		
"			4 5	52 5	16'		
"			4 6	52 4	20'		
14+00			4 0	53 0		℄	
14+75 S			3 9	53 1		℄	S.P.L. 154th St.
14+85			5 20	51 82	Invert 10" Corr. I. Culvert		12.0'
15+00 S			3 8	53 2		℄	Intr. 154th St.
15+15			4 96	52 06	Invert 10" Corr. I. Culvert.		12.0'
15+25 S			3 9	53 1		℄	N.P.L. 154th St.
BMN85	4 37	57.97	3 42	53 60	BMN85 El. 53.623 F.B. 1168-52 154th St + Freeman Ave. N.W. Cor. C. Spk. in N. side F.P. #233 9 15 E.		
16+00			4 6	53 4		℄	
"			6 0	52 0			11'
"			5 3	52 7			14'
"			5 4	52 6			20'

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1141 Division No. 19 Sheet 5 of ____
Date ____ Date ____ Survey of ____
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____ Survey by J.L. Williams Notes J.L.W. Date 12-27-45
Date ____ Map No. ____ Map by C. Johnson Date ____

F.B. 1168 Pg. 5

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Freeman Ave
		57 97			E ℄ W
16+00			5 6	52 4	13'
"			5 0	53 0	16'
"			5 0	53 0	20'
17+00			4 7	53 3	℄
18+00			4 5	53 5	
T P.	5 13	58 00	5 10	52 87	
19+00			4 5	53.5	℄
19+69			4 5	53.5	℄ S.P.L. 153rd St.
19+89			4 5	53.5	℄ Intr. 153rd St.
BMN94			4 37	53.63	BMN94 El. 53.~~652~~ 633 F.B. 1168-52 153rd St. & Freeman Ave. S.W. Cor C. Spk. in N.E. side p.p. # 316563 E.

F.B. 1168 PG. 154
Job No. 1141
Division No.
Notes Red.
Plotted
Profile
Survey of 161st St.
Date 12-27-45
Date
No.
Survey by J.L. Willey
Notes J.L.W.
Notes Chkd. SEB
Checked
X-Sec.
Indexed A. C. Johnson
Date
Date 1/26/46
No.

Notes Ck'd by	Survey of 161st ST
Map No.	W. O. 1141 Tape No. St'd. 49
Office Work	Surveyed by Wallace
Checked	Notes W Date 12-26-45
Date	Indexed A. C. Johnson

MAR 11 '47

F.B. 1168 Pg. 135

C.I. 1141 - 161ST ST.

PRAIRIE AVE.

FROM

159TH ST

TO

MANHATTAN BEACH BLVD.

SKETCHES

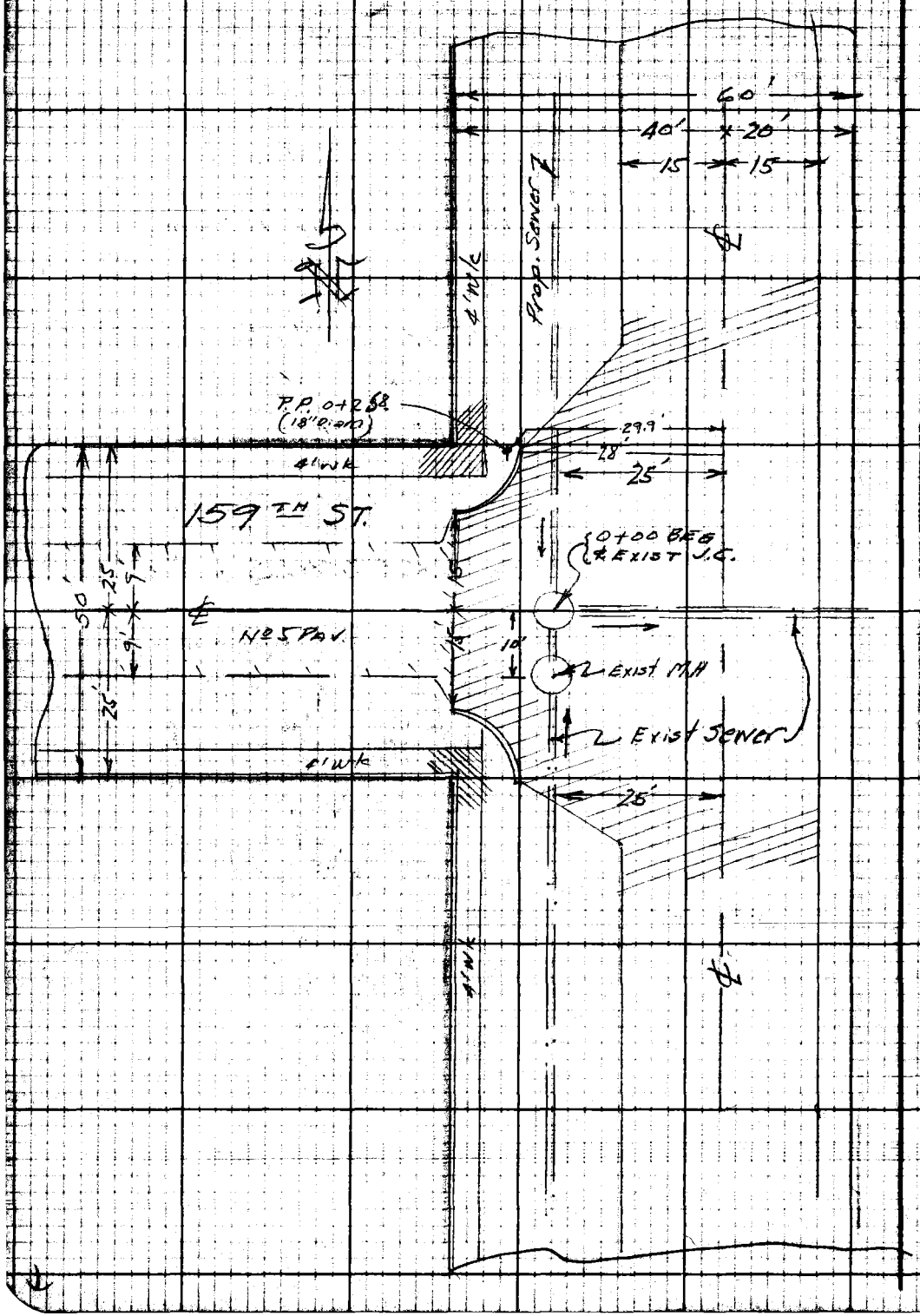
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 BM 11-42

F.B. 1168 PG. 156



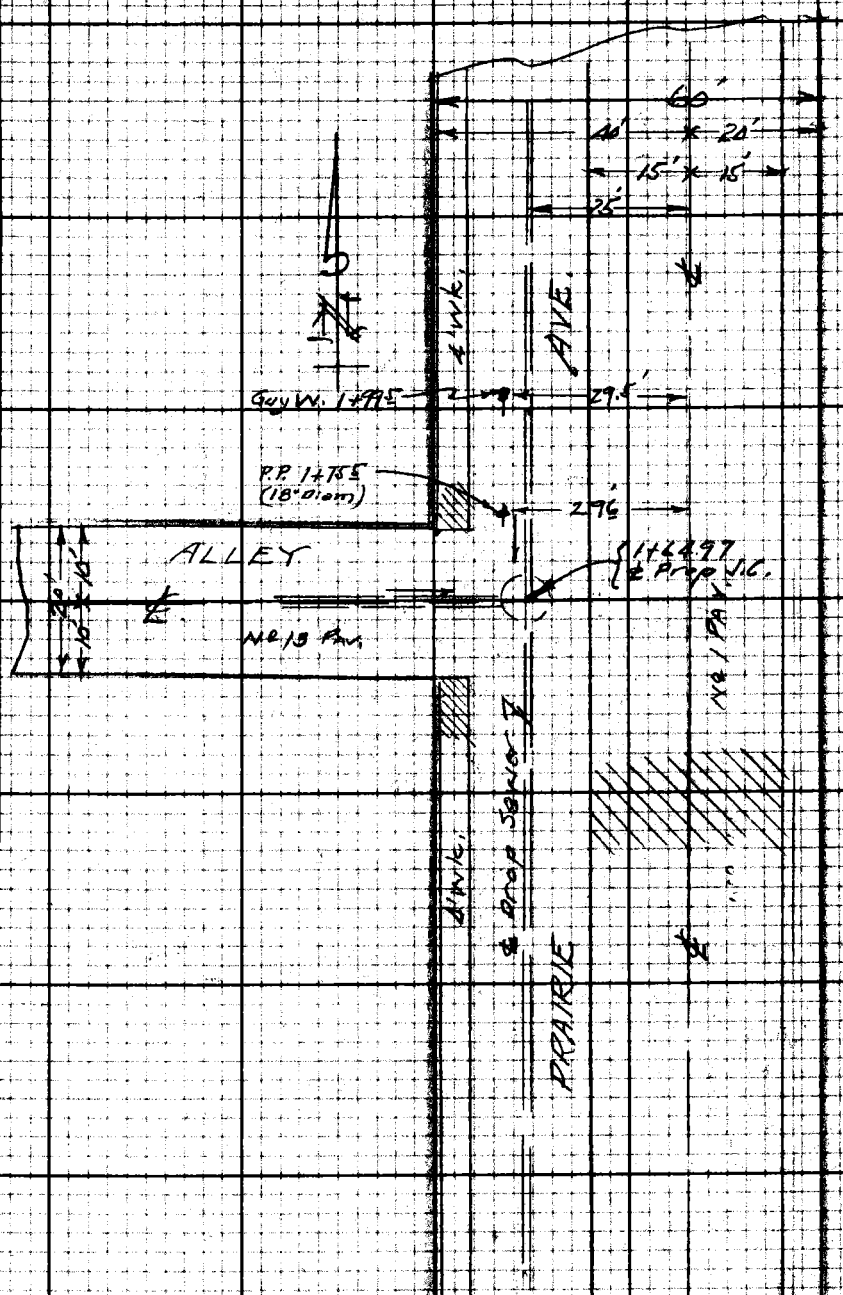
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of 16/31 SP
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by WALLACE
Checked	Notes W. Date
Date	Indexed A. C. Johnson

F.B. 1168 PG. 157



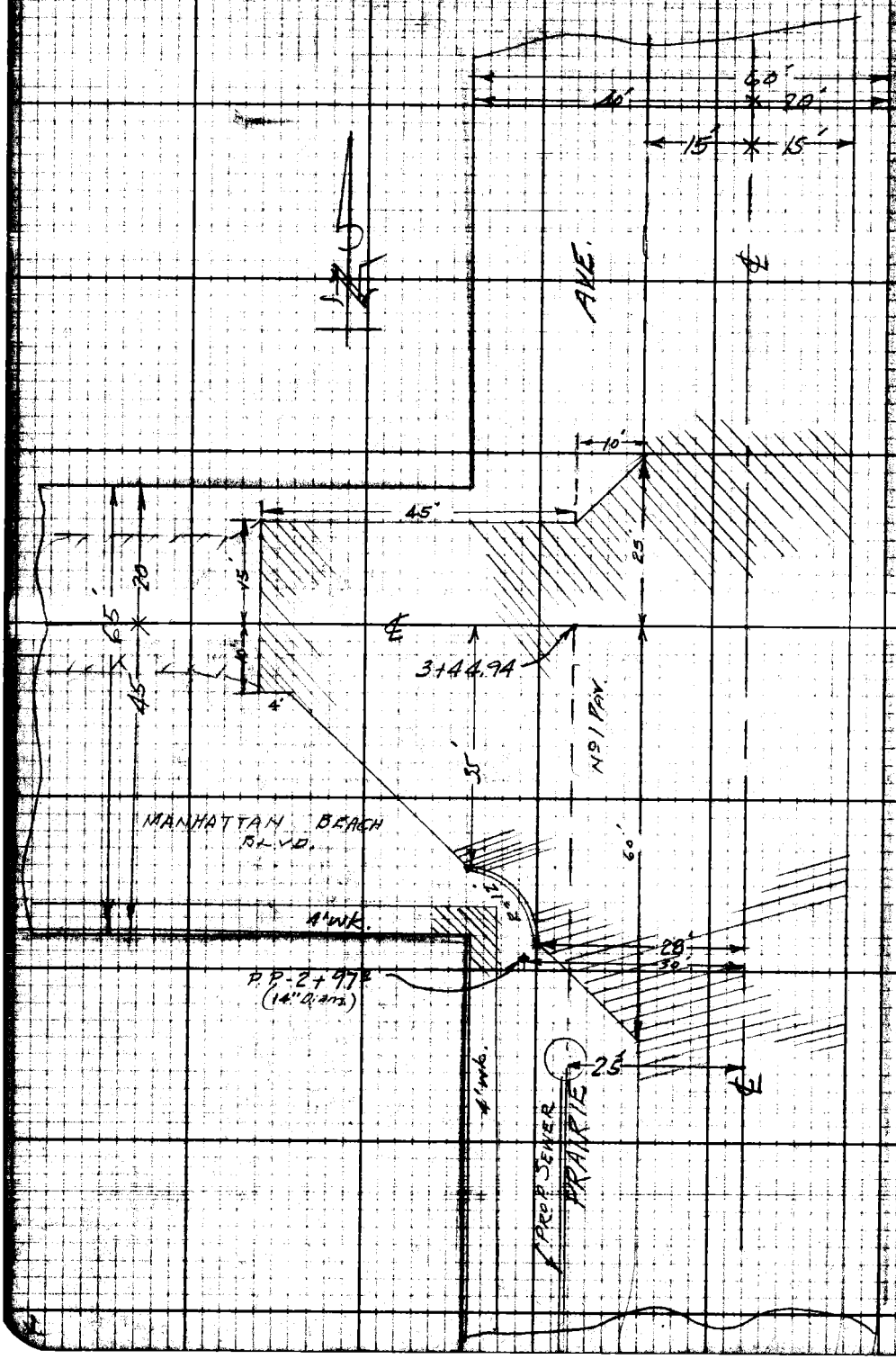
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 SM 11-61

F.B. 1168 Pg. 158



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Profile	Notes Red.	Plotted	Job No. 1141	Division No.	F.B. 1161 Pd. 177
No.	Date	Date	Survey of 161st St.		
X:Sec.	Notes Chkd. SEB	Checked	Survey by JLWilley	Notes JLW	Date 12-26-45
No.	Date 1/16/46	Date	Map No.	Indexed Johnson	Date MAR 11 '47

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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

C. I 1141 - 161st St.

Prairie Ave (25' W of ℄)

from 159th St. to Manhattan Beach Blvd

Profile 2

FORM 307 2M 8-45

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Prairie Ave. 25' W

BMHI. El. 47.896 F.B. 1168-49
Prairie Ave & 159th St. N.W. Cor.
B. Spk. in pav. 13' W & 43' N. ℄ Intr.

STATION	B. S.	H. I.	F. S.	ELEV.	W ℄ E
BM HI	5 41	53 29		47 88	
0+00			6 10	47 19	℄ 159th Ave ℄ center M.H.
0+15			5 48	47 81	15' W. end C.R. - N.W. Cor.
0+27			5 83	47 46	" " " Gutter " "
			5 55	47 74	3' N end C.R. N.W. cor.
			6 02	47 27	" " Gutter " "
			5 14	48 15	15' back walk
0+29.6			5 91	47 58	℄ end Conc. Pavement.
0+93			5 2	48 1	℄
1+00			5 9	47 4	℄
1+55			5 1	48 2	℄ S.P.L. Alley
			5 8	47 5	3'
			5 11	48 18	10" Edge Pav't.
			4 50	48 79	15' back walk
1+64.97			5 0	48 [illegible]	℄ Intr. Alley
1+75			5 2	48 1	℄ N.P.L. Alley
"			4 55	48 74	15' back walk
2+00			4 7	48 6	℄
2+94.6			4 97	48 32	℄ Begin Pav't.

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red. ____ Date 12-26-45 Notes Chkd. SEB Date 1/17/46
Division No. ____ Notes TLW
Job No. 44 Date 12-5-45
Survey of ____
Survey by T. Willey
Indexed A. C. Johnson
F.B. 1168 PG. 160

FORM 307 EM 8-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		53 29			W	℄ E
2+97 1			4 40	48 89		3' s.end C.R. S.W. Cor
2+99 3			5 07	48 22		" " Gutter " "
			4 11	49 18	back walk 15'	S.P.L. Manhattan Beach Blvd
			4 16	49 13	15'	W. end
			4 90	48 39		
3+44 94			5 04	48 25		℄ ℄ Manhattan Beach Blvd
			4 53	48 76		10'
			4 41	48 ~~7~~ 8	℄ Intr. Manhattan & Prairie.	25'
			5 05	48 24		3' ℄ Cross Gutter
			3 86	49 43		46' end pav't on ℄ Manhattan
BM #49			4 25	49 04	BM #49 - EL. 49.072 F.B. 1168-48 Manhattan Beach Blvd & Prairie Ave. L+N in square in Conc. Pav't. 14' E + 50' N. of ℄ Intr.	

Notes Red. Plotted Job No. 1781 Division No. F.B. Pg. 16
No. Date Date Survey of 16th ST
X-Sec. Notes Chkd. Checked Survey by Notes Willey Date
No. Date Date Map No. Drawn Johnson Date

F.B. 1168 PG. 162 | Job No. 1141 | Division No. | Notes Red. | Plotted | Profile

Survey of 161st St. | Date 12-26-45 | Date | No.

Survey by J.L. Willey | Notes J.L.W. | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

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

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ckd by
Map No.
Office Work
Checked
Date

Survey of 161ST ST
W. O. 1141 Tape No. St'd °F
Surveyed by Wallace
Notes N Date 12-26-45
Indexed C. Johnson

MAR 4 1947

F.B. 1168 Pg. 162

C.I. 1141 - 161ST ST.

ALLEY
BETWEEN 159TH ST. & MANHATTAN BEACH BLVD.
FROM
PRAIRIE AVE.
TO
ALLEY EAST OF HAWTHORNE AVE

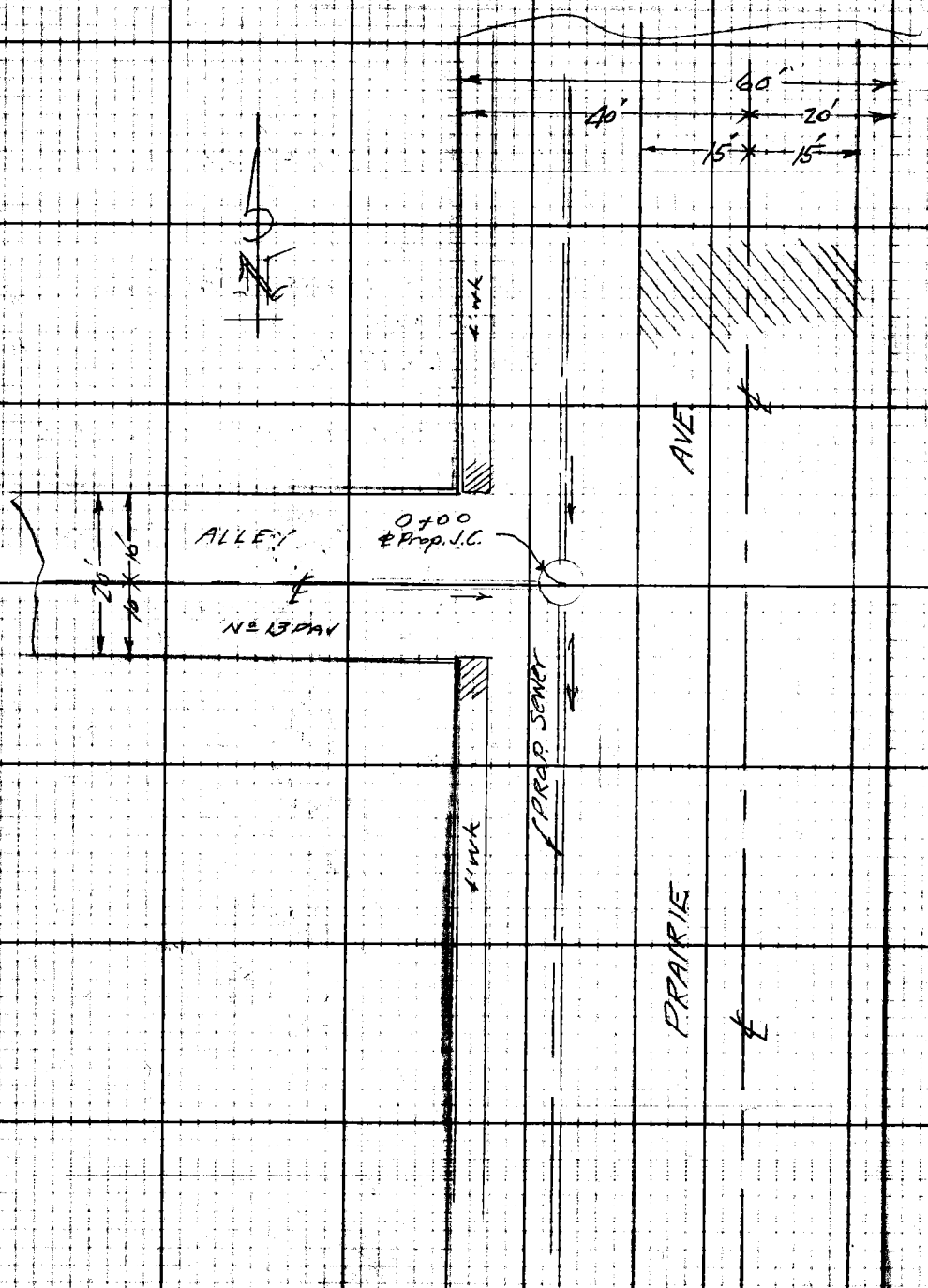
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 Rev. 11-45

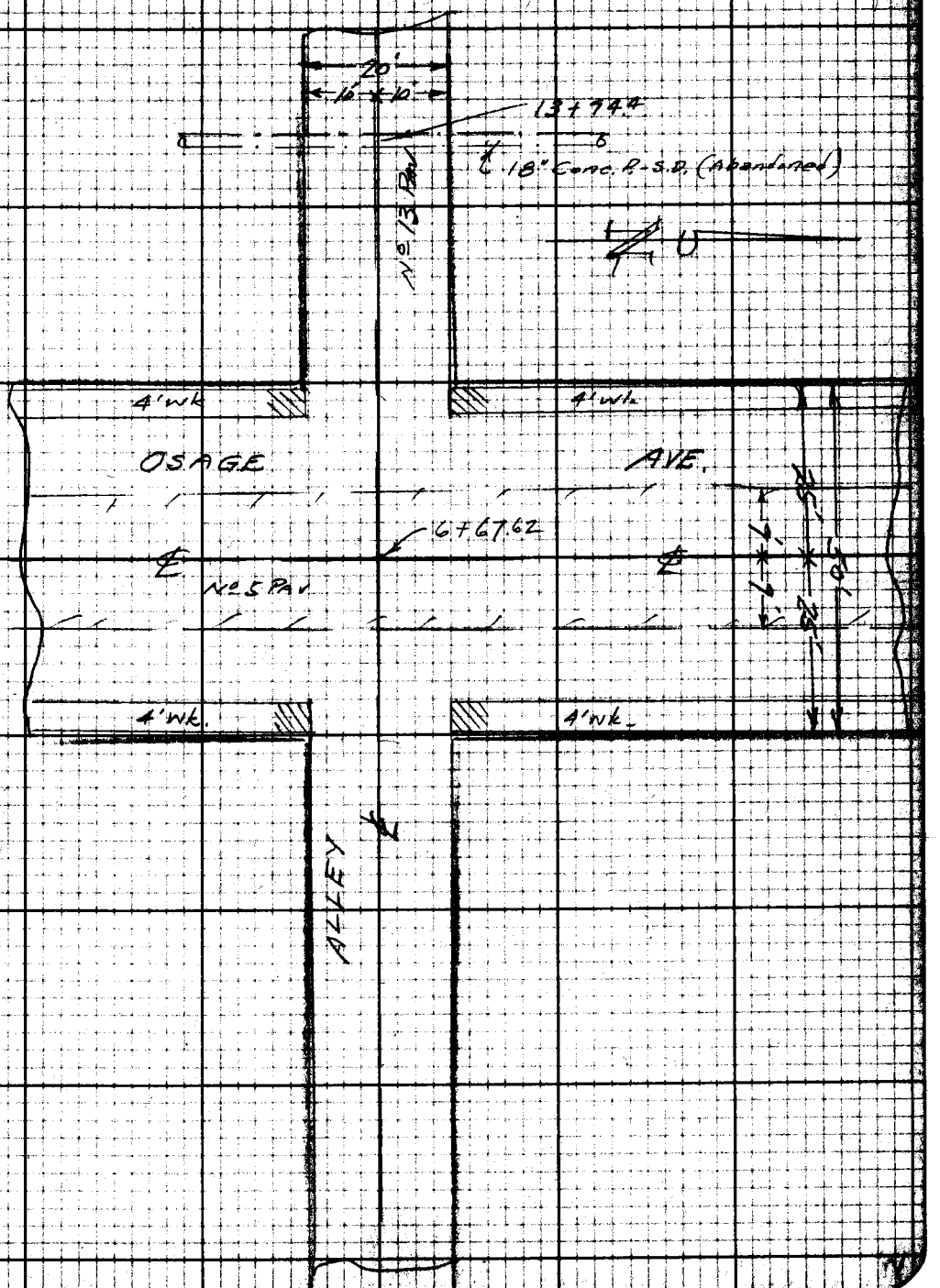
F.B. 1168 Pg. 164



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

Notes Ck'd by	Survey of 161st ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes KV Date 12-26-45
Date	Indexed A. C. Johnson

F.B. 1168 PG. 165



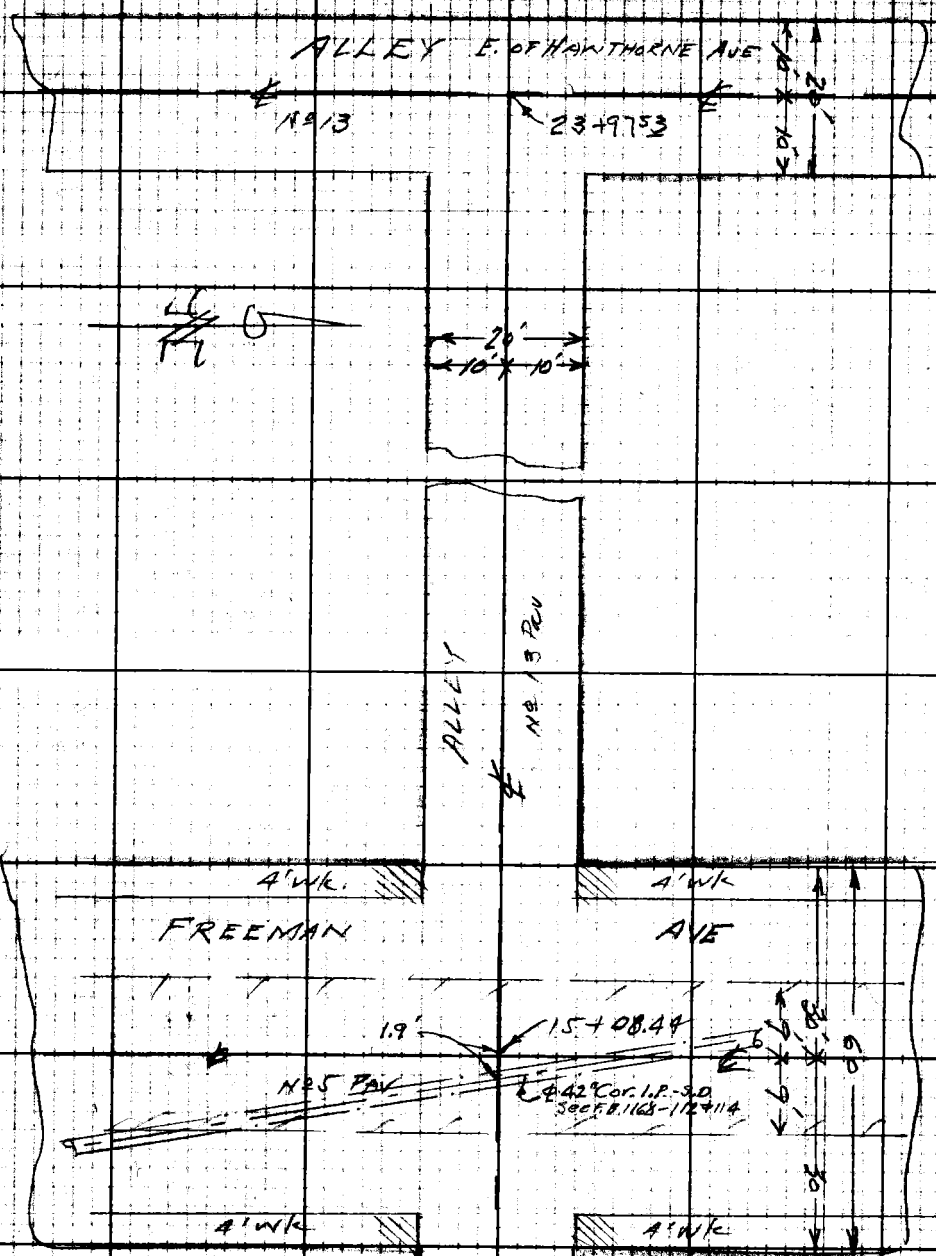
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 EM 11-41

F.B. 1168 PG. 166



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

FORM 307 2M 8-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			C. I. 1141 - 161st St.			
			1st Alley S. of Manhattan Beach Blvd. from			
			Prairie Ave. to 1st Alley E. of Hawthorne Ave.			
			Profile			

No. ____ Date ____ Survey of 161st St.
X-Sec. ____ Checked ____ Survey by [illegible] Date [illegible]
No. ____ Date ____ Map No. ____ Checked John [illegible] Date [illegible]

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. 1168 Pg. 1-8
Job No. 1141 Division No. 161 St.
Survey of
Survey by J. L. Willey Notes
Indexed C. Johnson Date
Profile No.
X-Sec. No.
Plotted Date
Checked Date
Noted Rec. Date 12-26-45
Notes Chkd. Date

STATION	B. S.	H. I.	F. S.	ELEV.	1st Alley S. of Manhattan Beach Blvd.
BM H1	5.82	53.70		47.88	BM H1. Elev. 47.876 F.B. 1168-49 Prairie Ave + 159.7± St. N.W. Cor. Bt. Spk. in Conc. pav. 13' W + 43' N. ℄ Intr.
					℄ N.
0+00			5.4	48.3	℄ Proposed M.H. (25' W ℄ Prairie)
0+15			5.0	48.7	℄
1+00			4.8	48.9	℄
"			5.0	48.7	10'
"			4.6	49.1	10'
"			4.20	49.50	Back walk - Manhattan Beach Blvd. 135'
2+00			4.6	49.1	℄
TP	5.23	54.51	4.42	49.28	
3+00			4.8	49.7	℄
4+00			4.6	49.9	℄
"			4.7	49.8	10'
"			4.6	49.9	10'
"			4.15	50.36	Back walk Manhattan Beach Blvd 135'
5+00			4.4	50.1	℄
TP	4.67	54.05	4.13	50.38	
6+00			4.6	~~49.4~~ 50.4	℄
			4.9	49.1	10'
			4.6	49.4	10'

FORM 307 2M 6-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1st Alley S. of Manhattan Ave
	442.5	5			S ℄ N
6+00		5 ~~4~~ 05	4 00	50 05	Back walk - Manhattan Beach Blvd. 135'
6+47.5			4 9	~~49~~ 50 2	℄ EPL Osage Ave
6+56			5 3	~~48~~ 49 8	℄
6+58			5 7	~~48~~ 49 4	℄
6+67.5			5 0	~~49~~ 50 1	℄ Intr. Osage Ave
6+81			5 8	~~48~~ 49 3	℄
6+82			5 4	~~48~~ 49 7	℄
6+92.5			4 8	~~49~~ 50 3	W. P.L. Osage Ave
7+66			4 5	~~49~~ 50 6	℄
"			4 7	~~49~~ 50 4	10'
"			4 2	~~49~~ 50 9	10'
"			3 87	~~50~~ 51 18	back walk - Manhattan Beach Blvd. 135'
8+00		~~1~~	4 6	~~49~~ 50 5	℄
T.P.	436	~~55~~ 55.01	~~4~~ 440	~~50~~ 50.65	
9+00			4 3	50 7	℄
10+00			4 8	50 2	℄
			4 9	50 1	10'
			4 6	50 4	10'
			4 07	50 94	Back walk - Manhattan Beach Blvd. 135'
11+00			4 8	50 2	℄

Profile Notes Red. ____ Date ____ No. ____ Plotted ____ Date ____ Job No. 1142 Division No. 1 ST 5E
X-Sec. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of 1st Alley
Survey by J.L. Willey Notes J.L.W. Date 12-26-45 Map No. ____ Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. 1168 PG. 70 | Job No. 1141 | Division No. | Notes Red. | Plotted | Profile No.
Survey of 1st St. | Notes | Date 12-26-45 | Date | X-Sec. No.
Survey by J.L. Willey | Notes Chkd. | Checked
Indexed J.C. Jordan | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	1st Alley S. Manhattan Beach Blvd		
					S	℄	N
T.P.	4 43.	55.01 55.65 54	4 79	54 22			
12+00			46.	50 1		℄	
13+00			49	49 8		℄	
"			50	49 7	10'		
"			50	49 7			10'
"			4 12	50 53	Back walk - Manhattan Beach Blvd.		135'
14+00			49	49		℄	
14+78			47	50 2		℄	E.P.L. Freeman Ave
"			4 38	50 27	10'		
"			4 44	50 21			10'
"			434	50 31	Back Walk		135'
14+89			44	50 3		℄	
14+96			52	49 5		℄	
15+085			43	50 4		℄	Int. Freeman Ave.
BMN80			445	58.20 50 20	BMN80 El. 50.206 FB 1168-48 Manhattan Beach Blvd + Freeman Ave. S.E. Cor L+T in Walk 5' E. of end.		
	4 97	55.18					
15+24			5 7	49 5		℄	
15+38			5 1	50 1		℄	W.P.L. Freeman Ave.
15+78			4 7	50 5		℄	
			4 7	50 5	10'		

FORM 507 2M 8-46

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1st Alley S. Manhattan Beach Blvd.
		55.18			S ℄ N.
15+78			4.5	50.7	10'
"			4.55	50.63	Back walk - Manhattan Beach Blvd. 135'
17+00			4.3	50.9	℄
T.P.	4.96	56.26	3.88	51.30	
18+00			4.9	51.4	℄
19+00			4.7	51.6	℄
19+50			4.8	51.5	℄
"			4.65	51.61	Back walk Manhattan Beach Blvd. 135'
20+00			4.8	51.5	℄
21+00			4.8	51.5	℄
T.P.	5.26	56.75	4.77	51.49	
22+00			5.0	51.8	℄
"			4.65	52.10	Back walk - Manhattan Beach Blvd. 135'
23+00			5.0	51.8	℄
23+50			4.7	52.1	℄
"			4.22	52.53	Back walk - Manhattan Beach Blvd. 135'
23+97.53			4.4	52.4	℄ Intr. 1st Alley E. Hawthorne Ave
BM 3A			4.47	52.28	BM 3A El. 52.372 F.B. 1168-47 Manhattan Beach Blvd. + Sombra Ave L+T. in conc. walk S. side St. ℄ Prod.

Notes Rev. _____ Date _____ Plotted _____ Date _____
No. _____ Notes Chkd. _____ Date _____ Checked _____ Date _____
X:Sec. _____
Job No. 1-4-Division No. 1-1-55
Survey of _____
Survey by T.L. Williams Notes T.L.W. Date 12-21-47
Map No. _____ Rod Man J. Johnson Date _____

F.B. 1168 PG. 172 Job No. 1141 Division No.	Notes Red.	Plotted	Profile
Survey of 161st St.	Date 12-26-45	Date	No.
Survey by J L Willey Notes J.L.W.	Notes Chkd.	Checked	X-Sec.
Indexed Date	Date	Date	No.

STATION	B. S.	H. I.	F. S.	ELEV.	
					1st Alley S. Manhattan Beach Blvd.

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			C. I. 1141 - 161st St.			
			156th St.			
			from			
			Freeman Ave to Tract Line			
			SKETCH SHOWN ON Pg. 176			

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____ F.M. 116 Pg. 173
Date ____ Date ____ Survey of 161st St.
X:Sec. ____ Notes Chkd. ____ Checked ____ Survey by J.L. Willey Notes J.L.W. Date 12-27-45
No. ____ Date ____ Date ____ Map No. ____ Adopted Johnson Date ____

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	156th St.	
BM. N91				53 42	BM N91 El. 53.420. FB-1168-54 156th St. & Freeman Ave N. W. Cor. C. spk. in N. side pp. #440 956 E.	
	382	57 24				
					N.	℄ S
0+00			43	52 9		℄ Intr. Freeman Ave
0+10			46	52 6		℄
0+15			56	51 6		℄
0+18			49	52 3		℄
1+00			50	52 2		℄
"			50	52 2	20'	
"			47	52 5		20'
2+09			47	52 5		℄ Tract line
BM N91			382	53 42	BM N91 see above	

F.B. 1168 PG. 17 Job No. 1141 Division No. Notes Red. Date 12-27-45 Plotted Date No. Profile
Survey of 161st St. Notes Chkd. Date Checked Date No. X-Sec.
Survey by J. L. Willey Notes J. L. W.
Indexed C. Jordan Date

Notes Ckd by	Survey of 161ST ST
Map No	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes W Date 12-27-41
Date	Indexed A. C. Johnson

F.B. 1168 PG. 175

MAR 11 '47

C.I. 1141 - 161ST ST.

156TH ST
From
FREEMAN AVE
To
LARCH AVE.

SKETCHES

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 267 3M 11-41

F.B. 1168 PG. 176

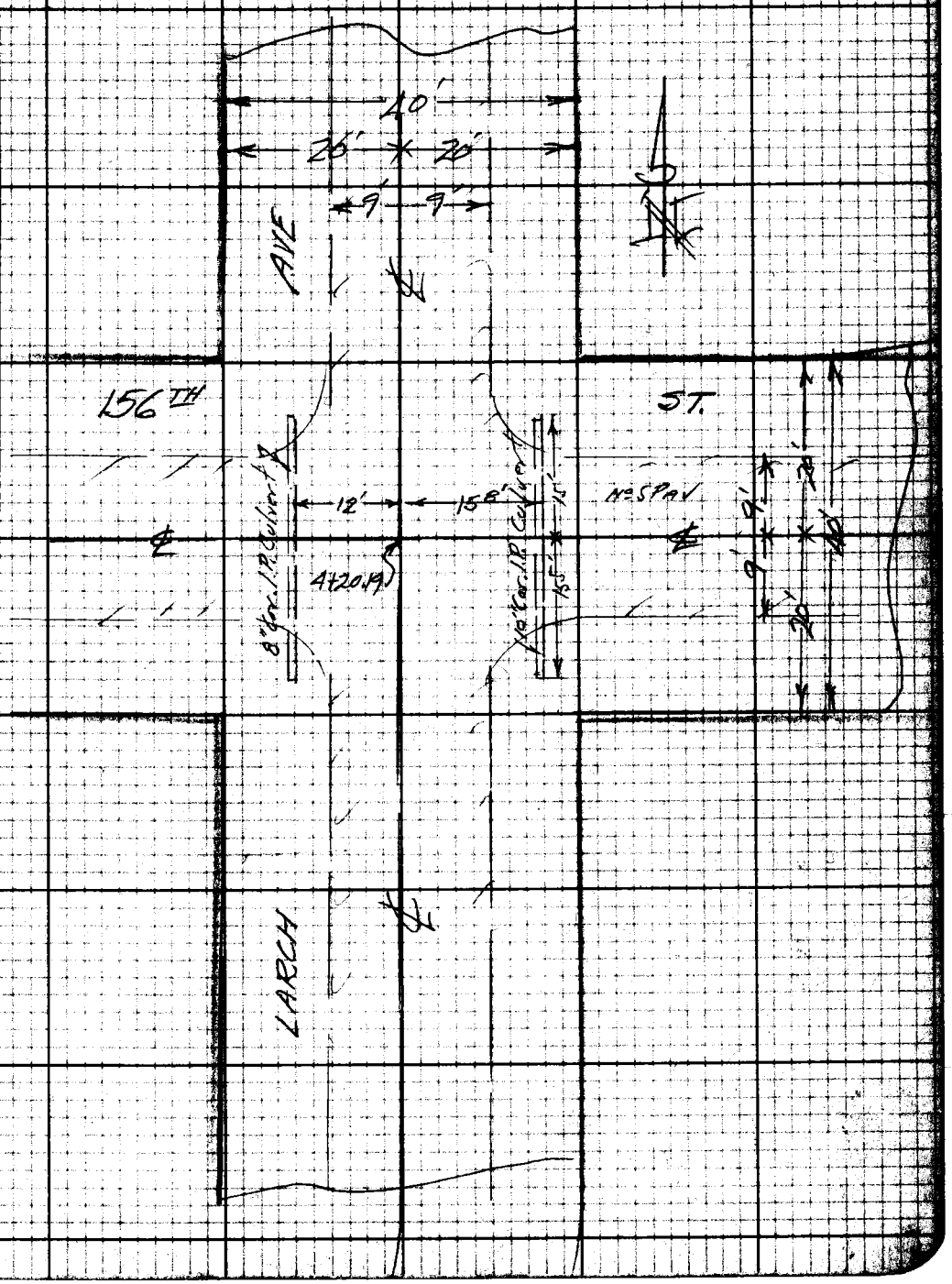
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of 161ST ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes W Date 12-27-45
Date	Indexed A. C. Johnson

F.B. 1168 Pg. 177



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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. 1160 PG. 178

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			C I	1141 - 161st St		
				156th St.		
				from		
				Freeman Ave to Larch Ave		
				Profile.		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1141 Division No. 161st St.
X:Sec. No. ____ Date ____ Date ____ Survey of ____ Date 12-27-46
Notes Chkd. SEB Checked ____ Survey by JLWilley Notes JLW Date 12-27-46
Date 1/12/46 Date ____ Map No. ____ Date MAR 11 '47

F.B. 1169 Pg. 117

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	156th St.
BM N 91				53 42	BM N 91 - El. 53.420 F.B. 1168-54 156th St. & Freeman Ave N.W. cor. C. Spk. in N. side P.P. #440956 E.
	3 30	56.72			
					S. ℄ N.
0+00			38	52 9	℄ Intr. Freeman Ave.
0+11.5			5 28	51 44	16' invert 10" corr. I. culvert
"			5 16	51 56	Invert 10" corr. I. Culvert 14'
0+20			4 1	52 6	℄ W.P.L. Freeman Ave.
1+00			4 2	52 5	℄
"			5 5	51 2	13'
"			4 7	52 0	15'
"			4 8	51 9	20'
"			5 1	51 6	12'
"			4 3	52 4	14'
"			4 5	52 2	20'
2+00			4 3	52 4	℄
3+00			4 5	52 2	℄
"			5 5	51 2	13'
"			4 7	52 0	15'
"			4 7	52 0	20'
"			5 5	51 2	12'
"			4 9	51 8	14'

F.B. 1168 PG. 180
Job No. 1141 Division No.
Survey of 161st St.
Survey by J.L. Willey Notes J.L.W.
Indexed A. C. Johnson Date
Notes Red. Date 12-27-45
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

307 2M 6-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
		56.72			S ℄ N.	
3+00			4 9	51 8		20
3+95			41	52 6	℄ EPL Larch Ave	
4+04			5 78	50 94	15.5 Invert 10" Corr. I. Culvert.	
"			5 54	51 18	Invert 10" Corr. I. Culvert. 15'	
4+20.19			41	52 6	℄ Intr. Larch Ave	
4+32.5			5 81	50 91	15.5 Invert 10" Corr. I. Culvert.	
"			5 78	50 94	Invert 10" Corr. I. Culvert. 15'	
BM N 90			3 91	52 81	BM N 90 El. 52.798 F.B. 1168-54 156th St. + Larch Ave. N.W. cor. C. Spk. in N. side P.P. # 240843E	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____
X:Sec. No. ____ Date ____ Date ____ Survey of 161st St
Notes Chkd. ____ Checked ____ Survey by JLWilley Notes JLW Date 12-27-45
Date ____ Date ____ Map No. ____ Indexed Johnson Date ____

F.B. 1168 Pg. 153

B.B. 1168 Pg. 182

Job No. _____ Division No. _____ Notes Rec'd. _____ Plotted _____ Profile

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of 161 ST ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes W Date 1-2-46
Date	Indexed A. C. Johnson

F.B. 1168 Pg. 183

MAR 11 '47

C.I. 1141 - 161ST ST

156TH ST

FROM

LARCH AVE

TO

HAWTHORNE AVE

SKETCHES

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

Do not extend notes this side of this line.

RETURN TO

LOS ANGELES COUNTY SURVEYOR

700 HALL OF RECORDS

FORM 247 SM 11-46

F.B. 168 Pg. 184

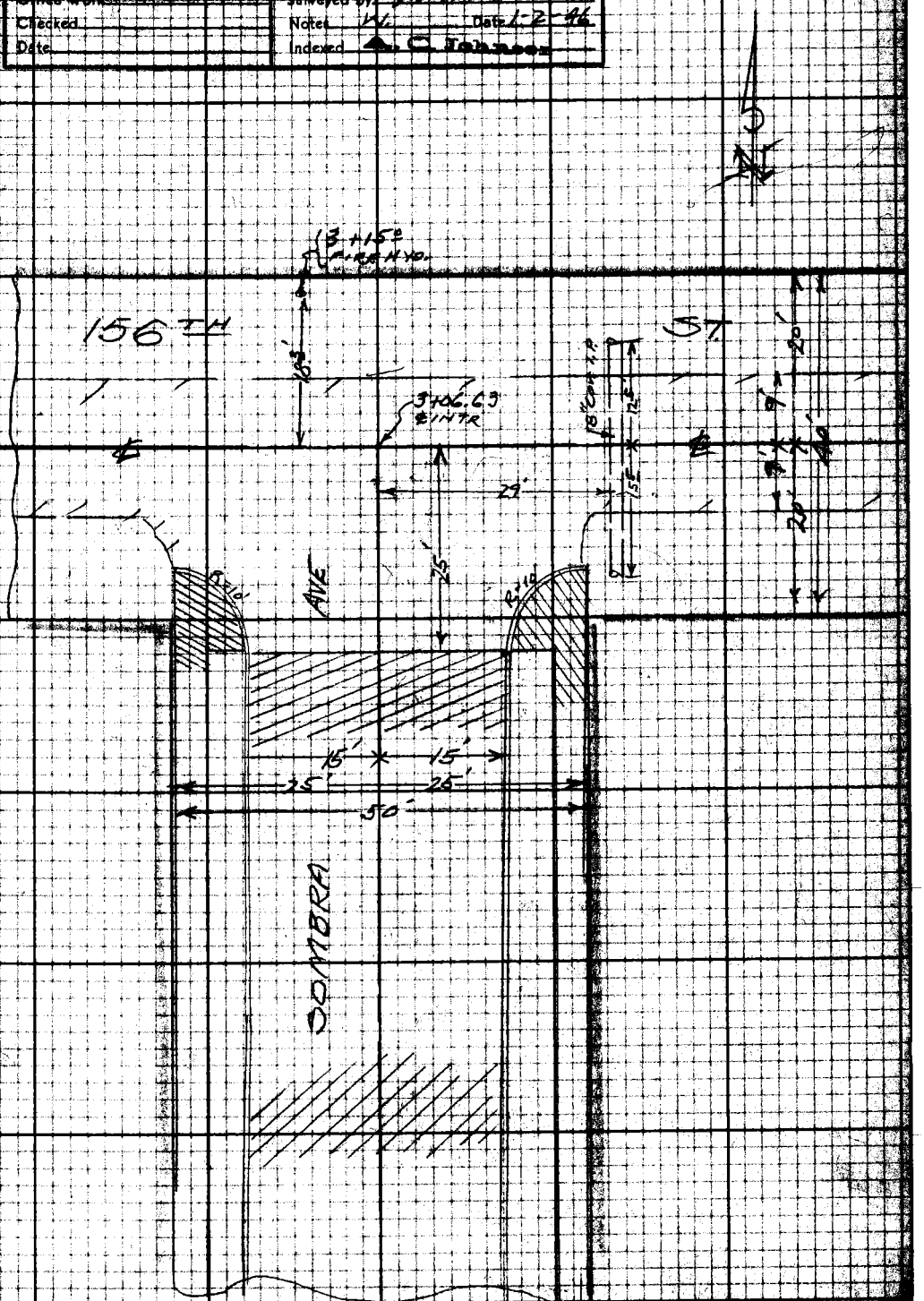
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of 161st ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes W. Date 1-2-46
Date	Indexed A. C. Johnson

F.B. 1168 Pg. 185



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

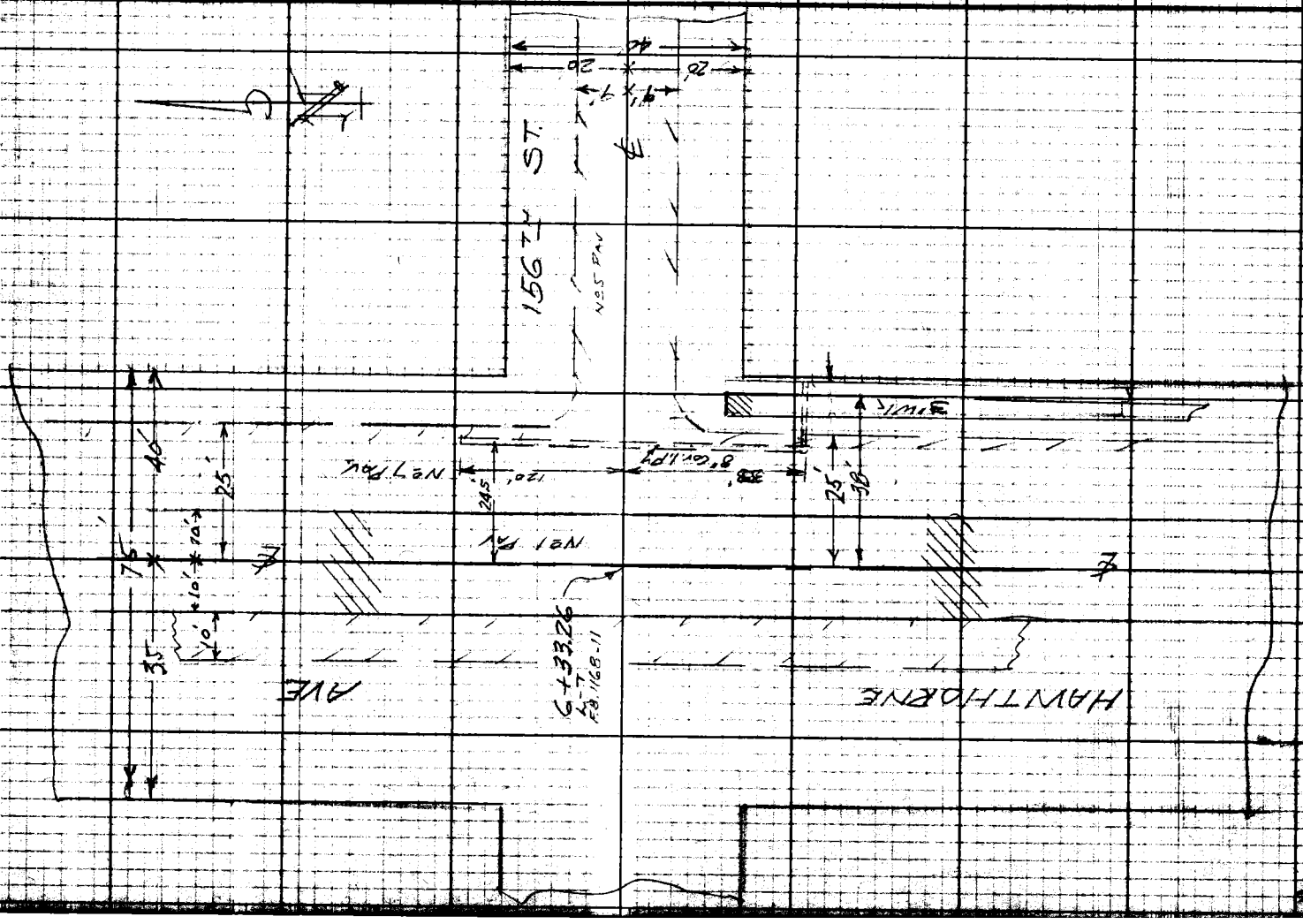
Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.



Profile	Notes Red.	Plotted	Job No. 1141	Division No.	F.B. [illegible]
No.	Date	Date	Survey of 161st St.		
X:Sec.	Notes Chkd. SCB	Checked	Survey by Wallace	Notes Willey	Date 1-2-46
No.	Date 1/16/46	Date	Map No.	Indexed A. C. Johnson	Date MAR 11 '47

C.I. 1141 – 161st St.

156th St

from

Larch Ave to Hawthorne Ave

Profile

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

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 2M 8-45

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	156th St.
BMN 90				52 50	BMN 90 Elev 52.798 FB 1168-54 156th St. & Larch Ave N. W. Cor cut Spk. in N. Side P.P. #240843E
	4 32	57 12			
					Lt ℄ Rt
0+00			4 5	52 6	℄
0+12			4 6	52 5	℄
"			6 12	51 00	15'5 invert 8" Corr. I.P.
"			6 07	51 05	Invert 8" Corr. I.P. 15'
1+00			5 0	52 1	℄
			5 3	51 8	9' edge pav.
			6 0	51 1	11'
			5 3	51 8	25'
			5 3	51 8	8'
			5 7	51 4	11'
			5 5	51 6	25'
T.P.	4 44	56 14	5 42	51 70	
2+00			4 6	51 5	℄
2+78			4 6	51 5	℄
			5 70	50.44	15.5 Invert 8" Corr. I.P.
			5 74	50.40	Invert 8" Corr. I.P. 12'5
E and C.R-SE Cor			5 14	51.00	
Gutter			5 46	50.68	

F.B. 1161 Pg. 188 Job No. 1141 Division No. Notes Red. Plotted Profile
Survey of 161st St Date 1-2-46 Date No. X-Sec.
Survey by Wallace Notes Willey Notes Chkd. Checked
Indexed A. C. Johnson Date Date No.

FORM 207 2M 8-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	156th St Lt	℄	Rt
		56 14'					
W end CR SE Cor			5 18	50 96			
Gutter			5 90	50 24			
3+06 63			4 5	51 6		℄ Intr. Sombra Ave	
			5 24	50 90	25' End Conc. Pav. ℄ Sombra		
BM N 89			5 09	51 05	BM N 89 El. 51.039 FB 1168-54 156th St. & Sombra Ave. S.W. Cor. Bt. Sp. in curb 10' S. of end C.R.		
	5 70	56 75					
S end C.R. S.W. Cor			5 71	51 04			
W end C.R. S.W. Cor			5 54	51 21			
4+00			4 8	52 0		℄	
"			5 3	51 5	25'		
"			5 3	51 5			25'
5+00			4 5	52 3		℄	
5+94			4 6	52 2		℄ EPL Hawthorne Ave	
			5 14	51 59	end wall 17'		
5+94			4 6	52 2			25'
6+088	invert of 8" C.I.P.		6 00	50 75			125' Rt
"	" " "		6 35	50 40	83' 47'		
6+10			4 8	52 0		℄	
6+33 26			4 56	52 19		℄ Intr. Hawthorne Ave. (EAST SIDE)	
BM N 88			4 86	51 89	BM N 88 Elev. 51.884 FB 1182-54 Hawthorne Ave & 156th St. S.E. Cor. Bt. Sp. in Conc. Headwall, Back of Curb		

(Cont. to P. 190)

Job No. 1141 Division No. 161 Sheet No. 1 Posted Date
Survey of 156th St. Date
Survey by Mallalieu Notes Willey Date 1-2-55 Checked Date
Map No. Notes Chkd. Date
Map by Johnson Date
No. Date

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	156TH ST (2-15-46)
B.M N88	598	57 9 87		51 89	B.M. N88 - See preceding page. EL. 51.89
6+53 3			59	52 0	℄ W. edge No 7 Pav.
+80			51	52 8	℄
7+00			53	52 6	℄
+20			56	[illegible]	℄
+28			68	[illegible]	℄ Surface
+28			680	51 07	Top Rim catchbasin
+32 6			559	52 28	" of conc. Headwall
+32 6			63	51 6	℄ Top pav
7+53 3			609	51 78	℄ INTR - ℄ of Pav. of West side HAWTHRONE AVE
B.M. N88			598	51 89	B.M. N88 El. 51.89 - See prec. pg.

FOR Detail Sketch & Elev. of this INTR. SEE SURVEY OF Hawthorne Ave. (W. side) From - Manhattan Blvd. to 156TH ST.

F.B. 1141 PG. 19 Job No. 1141 Division No. Notes Red. Plotted Profile
Survey of 161st St. Date Date No. X-Sec.
Survey by Wallace Notes Wallace Notes Chkd. Checked
Indexed L. C. Johnson Date Date No.

Notes Ck'd by	Survey of 161ST ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes W Date 1-14-46
Date	Indexed C. Johnson

F.B. 1168 No. 19

MAR 11 '47

C.I. 1141 - 161ST ST

HAWTHORNE AVE. (EAST SIDE)

FROM

156TH ST

TO

MANHATTAN BEACH BLVD.

— SKETCHES —

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

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 247 RM 11-41

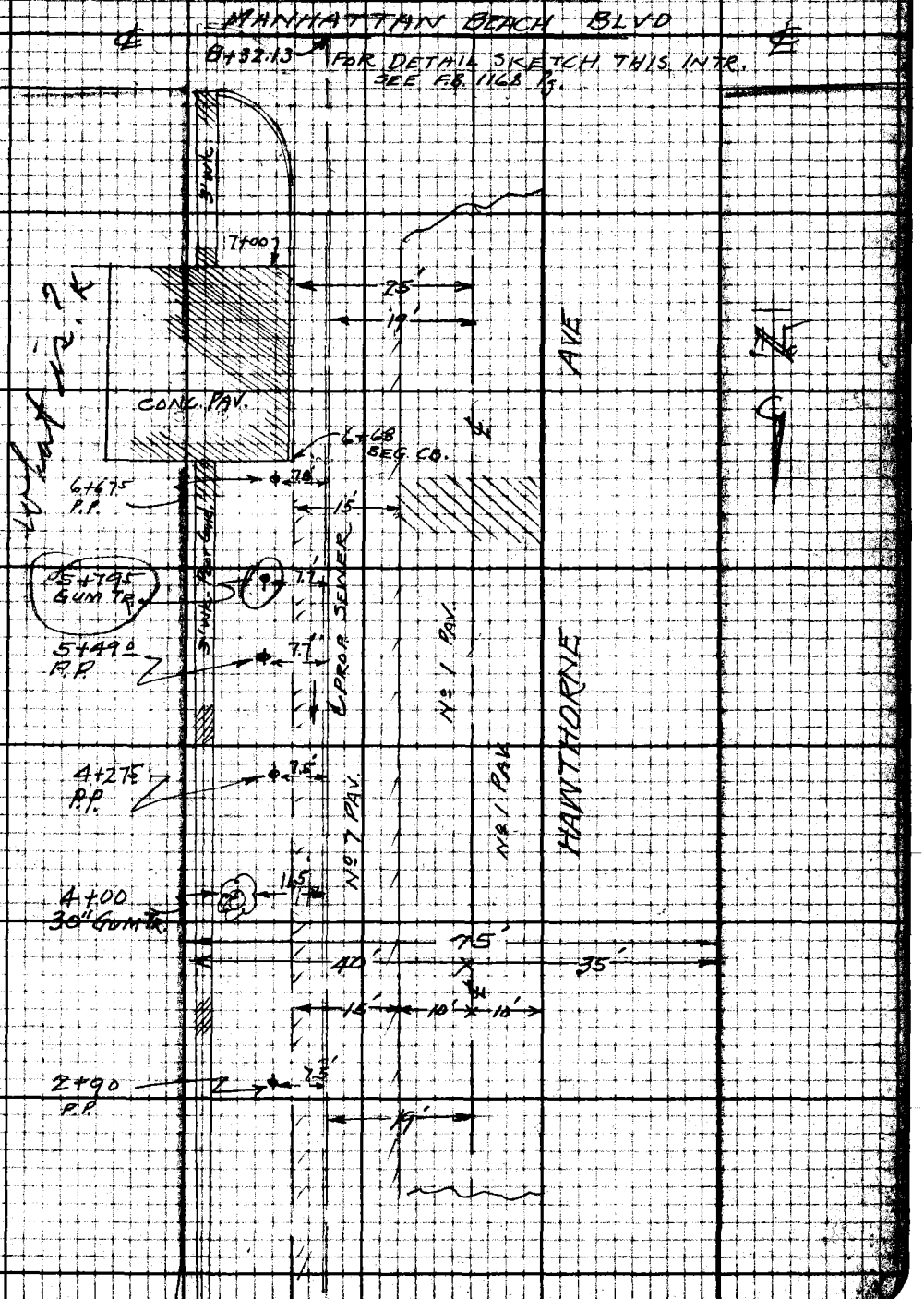
F.B. 1168 PG. 19

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of 161ST ST	F.B. 1168 Pg. 192
Map No.	W. O. 1 Lines No. St'd °F	
Office Work	Surveyed by Wallace	
Checked	Notes W Date 1-14-46	
Date	Indexed A. C. Johnson	



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Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 RM 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

FB 1142 PG. 14

F.B. 1161 Pg. 195

Profile No.	Notes Red. Date	Plotted Date	Job No. 1141 Division No.
X:Sec. No.	Notes Chkd. 220 Date 1/17/46	Checked Date	Survey of 161st St.
			Survey by Wallace Notes Willey Date 1-14-46
			Map No. Indexed Johnson Date MAR 11 '47

CI 1141-161st St

Hawthorne Ave (EAST SIDE)

from

156th St to Manhattan Beach Blvd

Profile

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

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

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 307 2M 8-45

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____

Plotted ____ Date ____ Checked ____ Date ____

Notes Red. ____ Date 1-14-46 Notes Chkd. ____ Date ____

Division No. ____ Job No. 144 Notes 12/57 57 Willey

F.B. 1186 PG. 196 Job Date ____

Survey of Wallace

Survey by C. Jones

Indexed ____

STATION	B. S.	H. I.	F. S.	ELEV.	Hawthorne Ave		
BMN88				51 89	BMN88 EL. 51.886 FB 1186-51 Hawthorne Ave & 156th St. S.E. Cor. Bt. Spk in Conc. Headwall - E. end Culvert.		
	5 46	57 35					
					Lt.	℄	Rt
D+00			54	52 0		℄ Prop. T.C.	
0+16			54	52 0		℄	
"			5 75	51 60	19' end walk		
0+376			54	52 0		℄	
"			5 87	51 48	19' Top Conc. Culvert.		
"			7 47	49 88	20.3 Invert conc. Culvert		
"			7 45	49 90	Invert conc. Culvert.		34' Rt
1+00			52	52 2		℄	
"			5 64	51 71	19' Lt.	back walk.	
"			5 17	52 18	℄ Hawthorne Ave		19' Rt.
2+00			49	52 5		℄	
"			5 33	52 02	19' Lt.		
"			4 58	52 77			19' Rt
3+00			4 3	53 1		℄	
"			5 14	52 21	19'		
"			4 00	53 35			19'
T.P.			4 13	53 22			
	5 49	58 71					

FORM 307 2M 6-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Hawthorne Ave Lt	℄	Rt
		58 71					
4+00			5 2	53 5		℄	
"			5 83	52 88	19'		
"			4 82	53 89			19'
5+00			4 7	54 0		℄	
"			5 30	53 41	19'		
"			4 42	54 29			19'
6+00			4 4	54 3		℄	
"			4 31	54 40	19'		
"			3 86	54 85			19'
T.P.			4 45	54 26			
	5 44	59 70					
6+68			5 46	54 24	6'	Top beginning of curb.	
7+00			5 0	54 7		℄	
"			5 00	54 70	19'		
"			4 43	55 27			19'
8+00			4 5	55 2		℄	
"			4 39	55 31	19'		
"			4 17	55 53			19'
8+32			4 18	55 52		℄	
"			4 10	55 60		℄ Int. Manhattan Beach Blvd.	

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____
Date ____ Date ____ Survey of 161st St.
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by Wallace Notes Willey Date 1-14-46
Date ____ Date ____ Map No. ____ Date ____

F.B. No. 1 Pg. 1-7

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Hawthorne Ave.
		59 70'			
BM FA 64			4 65	55 05	BM FA 64 El. 55.059 - FB 1168-47 Manhattan Beach Blvd & Hawthorne Ave, N. W. Cor. Cut. Sp. in Curb, 12' N. of N. end CR.

F.B. 1168 Pg. 198 Job No. 1141 Division No. Notes Red. Date 1-14-46 Plotted Date Profile No.
Survey of 161st St. Notes Chkd. Date Checked Date X-Sec. No.
Survey by Wallace Notes Willey Date
Indexed A. C. Jannard

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

Survey of 161 ST ST
W. O. 1141 Tape No. St'd °F
Surveyed by Wallace
Notes JKV Date 1-15-46
Indexed A. O. Johnson

FB 1160 Pg. 199

MAR 11 '47

C.I. 1141 - 161 ST ST.

HAWTHORNE AVE. (EAST SIDE)
FROM
156TH ST.
TO
154TH ST.

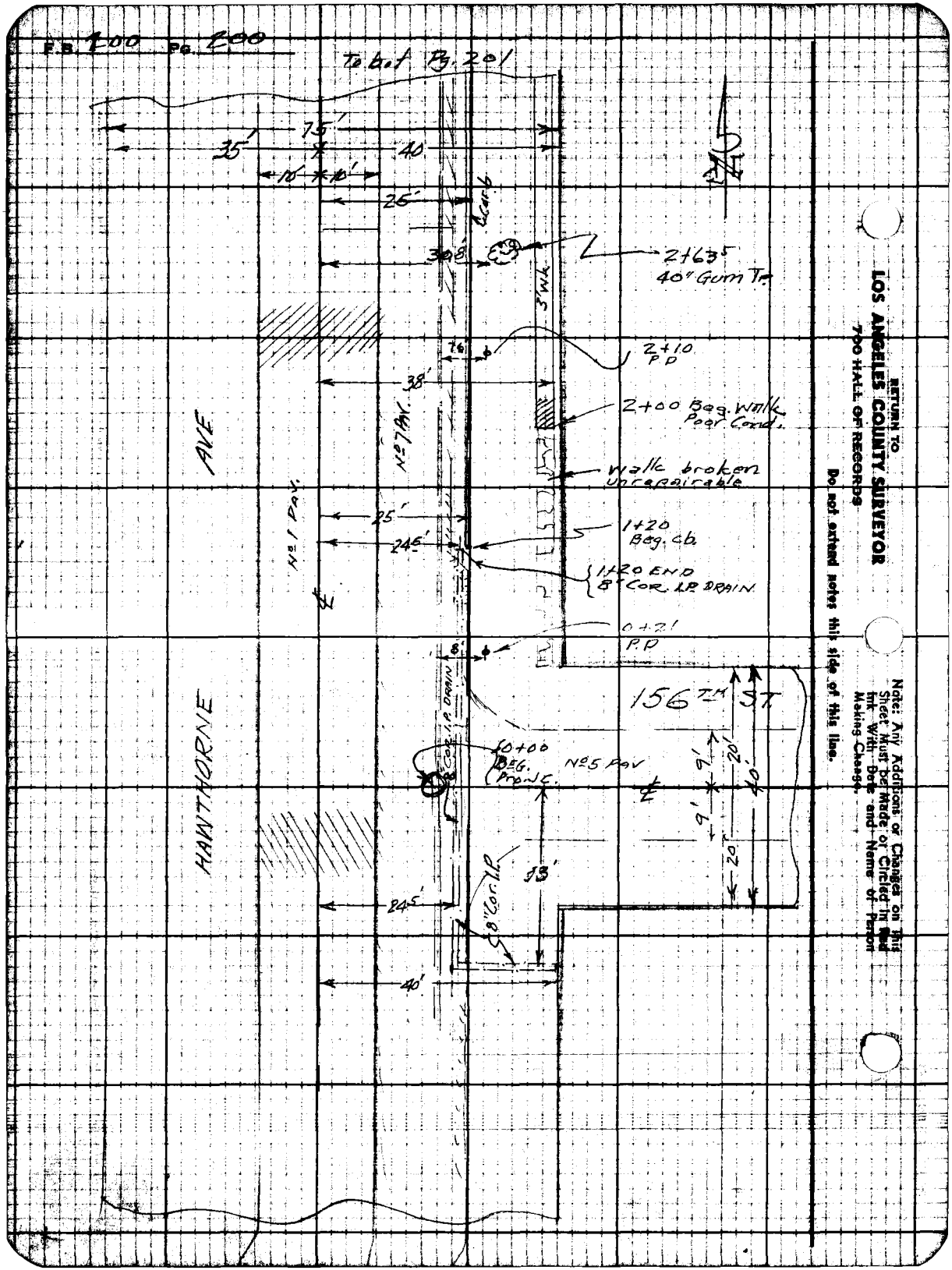
TOPOG

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

Do not extend notes this side of this line.

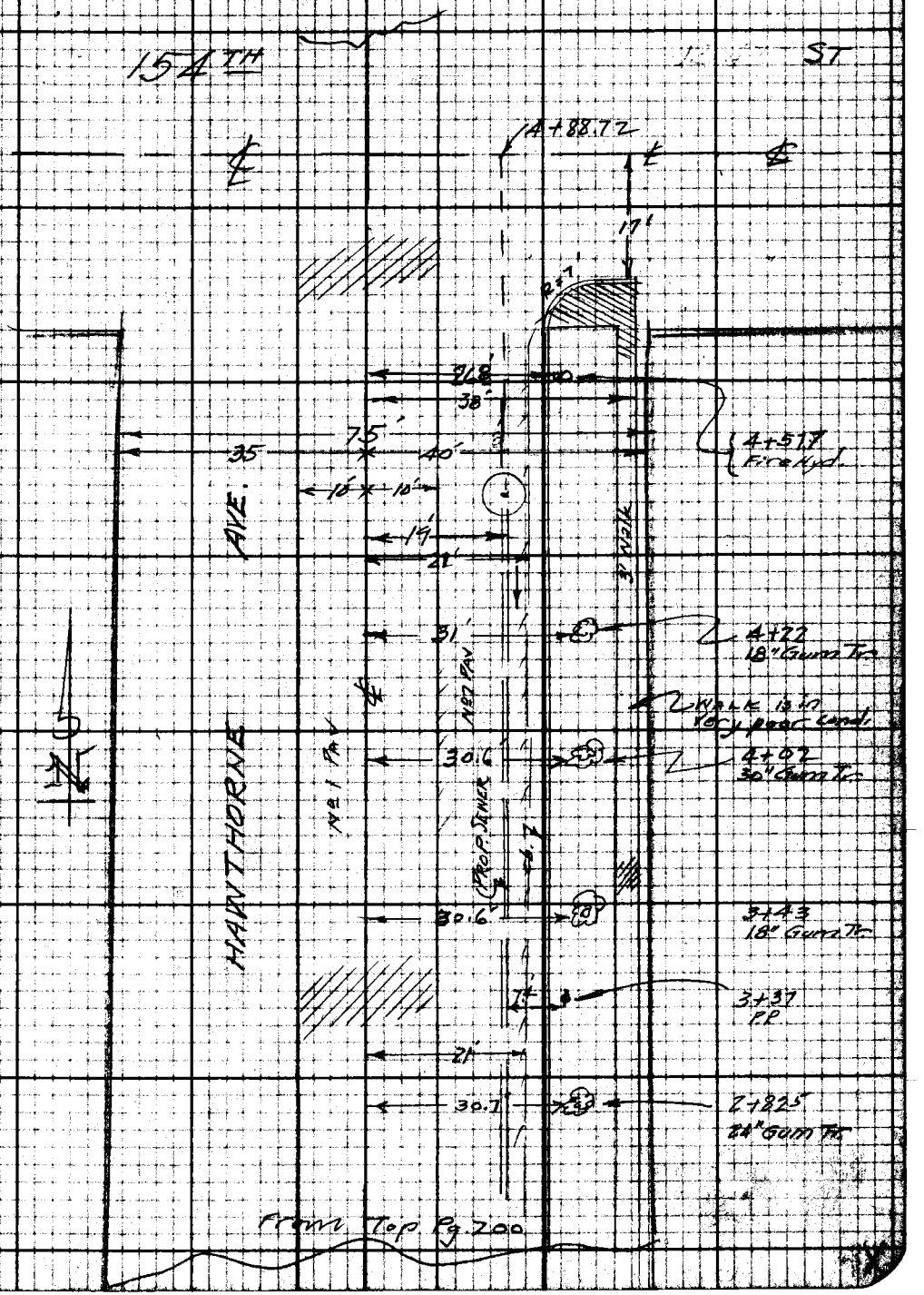
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247, SM 11-46


F.B. 200 Pg. 200
To bot Pg. 201
75'
35'
40
10'
10'
25'
30.8'
2+63.5
40" Gum Tr.
3' Wk.
2+10
P.P.
38'
2+00 Beg. Walk
Poor Cond.
Walk broken
Unrepairable
AVE
No 7 Pav.
No 1 Pav.
25'
24.5'
1+20
Beg. cb.
1+20 END
8" Cor. I.P. DRAIN
0+21
P.P.
8'
156TH ST.
HAWTHORNE
10+00
BEG.
Prop. C.
No 5 Pav
9'
20'
40'
9'
20'
13'
24.5'
8" Cor. I.P.
40'
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of 161st ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes W. Date 1-15-46
Date	Indexed C. Johnson

F.B. 1168 Pg. 201



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RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 RM 11-46

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

F.B. 1168 PG. 107

F.B. 1168 Pg. 203

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 1141 Division No. ____ Survey of 161st St.

X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey by Wallace Notes Willey Date 1-15-46

Map No. ____ Indexed C. Johnson Date MAR 11 '47

C.I. 1141 - 161st St.

Hawthorne Ave. (EAST SIDE)

from

156th St. to 154th St.

Profile

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

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 2M 8-48

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

F.B. 1168 PG. 204 | Job No. 1141 | Division No. | Notes Red. | Plotted | Profile No.
Survey of 61st St. | Notes | Date 1-15-46 | Date | X-Sec. No.
Survey by Wallace | Notes Chkd. | Checked
Indexed C. Johnson | Date | Date

STATION	B. S.	H. I.	F. S.	ELEV.	Hawthorne Ave		
					BMN88 El. 51.886 FB 1168-54		
BM N88	5.30	57.20		51.90	156th St. & Hawthorne Ave, S.E. Cor. Bt. Spk in Headwall, E. end of Culvert		
					Lt	℄	Rt
0-33			6.82	50.38	Invert 8" corr. I. pipe		21'
0+00			5.2	52.0			
0+20			5.1	52.1		℄ NPL 156th St.	
"			4.4	52.8			19'
1+00			4.6	52.6		℄	
"			4.9	52.3			19'
"			4.40	52.90	19' ℄ Hawthorne Ave.		
1+20			6.45	51.35	Invert 8" corr. I. Pipe.		54
			5.68	51.12	Top-beginning of Curb		6'
2+00			4.3	52.7		℄	
			3.85	53.15	19'		
			4.4	52.8			2'
			6.3	50.9			55
			5.38	51.82			6'
			4.96	52.24	beginning walk		19'
T.P.	4.68	57.96	3.92	53.28			
3+00			5.0	53.0		℄	
			4.60	53.36	19'		

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Hawthorne Ave Lt	℄	Rt
		57 96					
3+00			5 1	52 9			2'
"			6 8	51 2			5 5'
"			5 93	52 ~~9~~ 03			6'
"			5 68	52 28			19'
4+00			4 8	53 2		℄	
"			4 40	53 56	19' ℄ Hawthorne Ave		
"			5 0	53 0			2'
"			6 3	51 7			5 5'
"			5 47	52 49			6'
"			5 22	52 74			19'
4+63 1			4 7	53 3		℄ SPL 154th St.	
"			4 8	53 2			2'
"			6 1	51 9			5 5
"			5 34	52 62			6'
"			5 02	52 94			19'
4+88 72			4 8	53 2		℄ ℄ 154th St	
BMN82			3 65	54 31	BM N82 E154275 F.B. 1168-55 154th St & Hawthorne Ave N.E. Cor. Bt. Spk in N. Headwall of Culvert, E. side P.E. R/W		

Profile Notes Red. Plotted Job No. 1141 Division No.
No. Date Date Survey of 161 St. St.
X-Sec. Notes Chkd. Checked Survey by Wallace Notes Willey Date 1-15-46
No. Date Date Map No. Date

F.B. 1168 Pg. 205

F.B. 1468 Pg. 206

Job No. 1141 Division No. _____ Notes Red. _____ Plotted _____ Profile

Survey of 161st St. Date 1-15-46 Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

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

Notes Ck'd by	Survey of 161st ST.
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes W Date 1-15-46
Date	Indexed A. C. Johnson

F.B. 1168 Pg. 257

MAR 11 '47

C.I. 1141 - 161st ST.

HAWTHORNE AVE. (WEST SIDE)
FROM
MANHATTAN BEACH BLVD
TO
156TH ST.

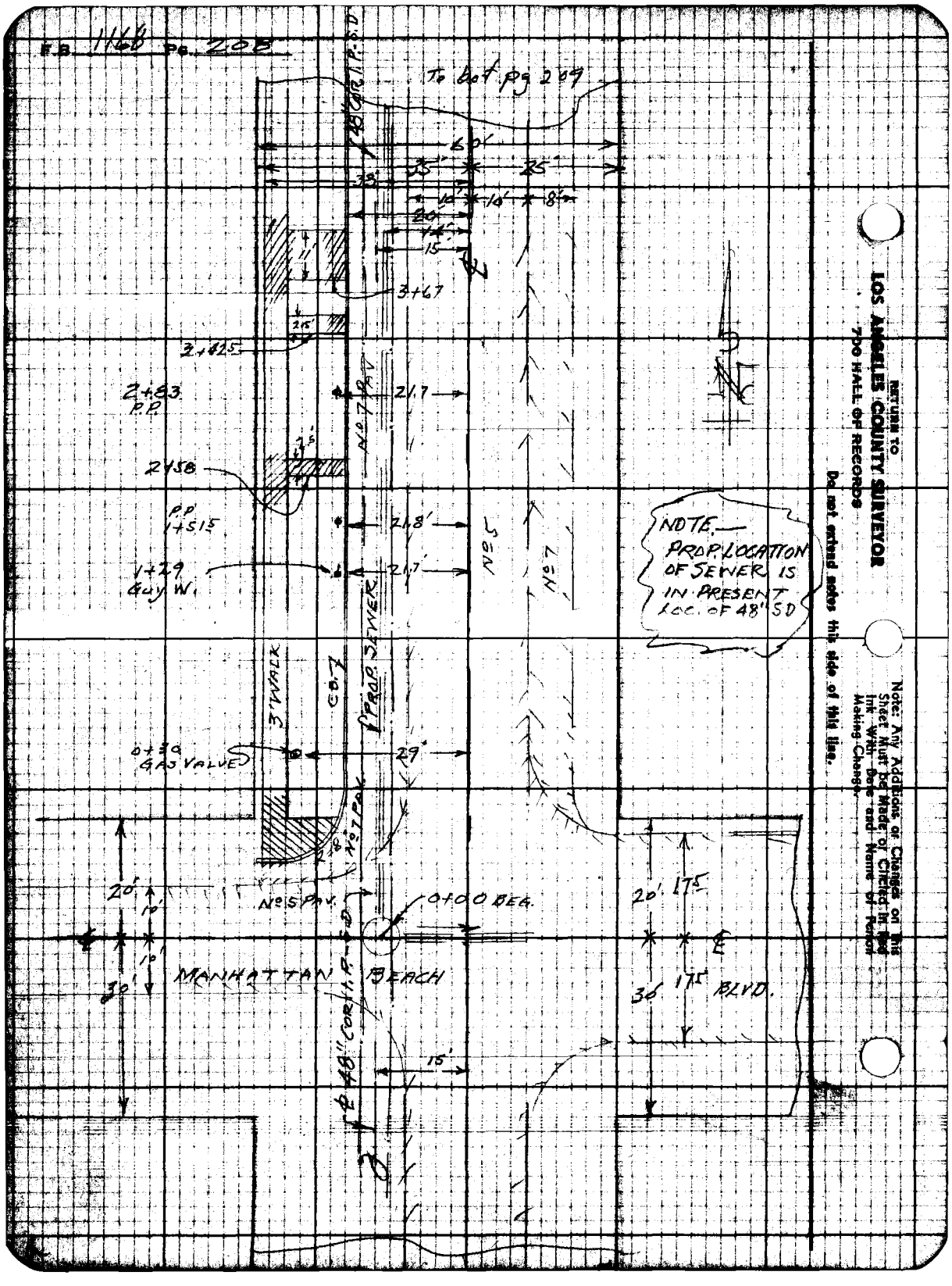
TOPOG

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

Do not extend notes this side of this line.

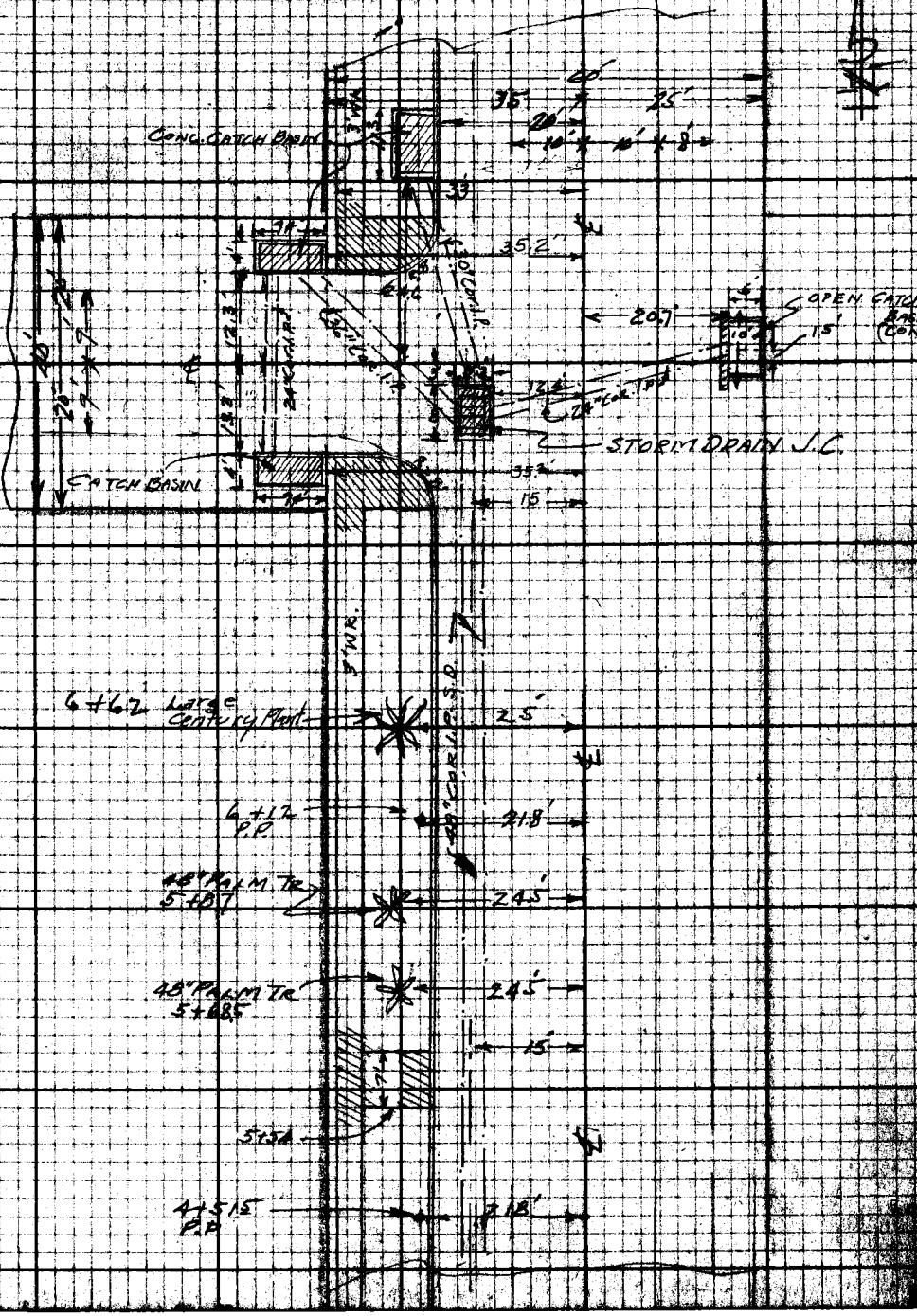
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 RM 11-41



F.B. 1168 Pg. 208
To bot pg 209
48" CORR. I.P. S.D.
60'
35'
25'
38'
10'
10'
8'
20'
14'
15'
3+67
2+425
2+83 P.P.
21.7
No 7 PAV.
2+58
P.P. 1+515
21.8'
No 5
No 7
1+29 Guy W.
21.7'
NOTE.— PROP. LOCATION OF SEWER IS IN PRESENT LOC. OF 48" SD
3' WALK
CO. 7
PROP. SEWER
0+30 GAS VALVE
29'
No 7 PAV.
No 5 PAV.
0+00 BEG.
20'
10'
10'
30'
MANHATTAN BEACH
48" CORR. I.P. S.D.
15'
20'
17.5
30'
17.5
BLVD.
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ckd by	Survey of 161st ST	F.B. 1168 Pg. 207
Map No.	W. O. 1141 Tape No. Std. of	
Office Work	Surveyed by Wallace	
Checked	Notes W Date 1-15-46	
Date	Indexed C. Johnson	



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

Do not extend notes this side of this line.

INTERIM TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 SM 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

F.B. 1100 Pg. 210

Profile No. ____ Date ____ Notes Red. ____ Date ____ Plotted ____ Date ____

X-Sec. No. ____ Date 1/16/46 Notes Chkd. JEB Date ____ Checked ____ Date ____

Job No. 1141 Division No. ____ Survey of 161st St.

Survey by Wallace Notes Willey Date 1-12-46

Map No. ____ Date MAR 11 '47

CI 1141 - 161st St.

Hawthorne Ave. (WEST SIDE)

from

Manhattan Beach Blvd. to 156th St.

Profile

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

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

Do not extend notes this side of this line

PLEASE RETURN TO LOS ANGELES COUNTY SURVEYOR 700 HALL OF RECORDS

FORM 307 SM 7-43

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red. ____ Date 1-15-46 Notes Chkd. ____ Date ____
Division No. 141 Job No. 1141 Notes Wallace Date 1/15/54
Survey of ____ Survey by Wallace Indexed C. Johnson
FB 1168 PG. 212

STATION	B. S.	H. I.	F. S.	ELEV.	Hawthorne Ave	
					BMFA64 - El 55.059 - FB 1168-49	
BMFA64	5 08	60 14		55 06	Manhattan Beach Blvd & Hawthorne Ave, N.W. Cor	
					C. spk in Curb, 12' N. of N. end C.R.	
					Lt ℄	Rt
0+00			4 3	55 8	℄	Prop J.C.M.H.
N. end CR NW Cor			4 07	56 07		
W end CR NW Cor			4 08	56 06		
1+00			4 6	55 5	℄	
"			4 42	55 72	6'	Top Curb
"			4 36	55 78	℄ W. Side Hawthorne Ave	14'
2+00			5 1	55 0	℄	
"			4 89	55 25	6'	
"			4 75	55 39		14'
T.P.	4 15	59 19	5 10	55 04		
3+00			4 5	54 7	℄	
"			4 19	55 00	6'	
"			4 2	55 0		14'
4+00			4 9	54 3	℄	
"			4 53	54 66	6'	
"			4 6	54 6		14'
5+00			5 5	53 7	℄	
"			5 13	54 06	6'	

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.	Hawthorne Ave Lt.	℄	Rt
		59 19 2					
5+00			5 2	54 0			14'
6+00			6 2	53 0		℄	
"			6 02	53 17	6'		
"			5 8	53 4			14'
T.P.	5 25	58 02	6 42	52 77			
7+00			5 6	52 4		℄	
"			5 68	52 34	6'		
"			5 3	52 7			14'
8+00			6 3	51 7		℄	
"			6 36	51 66	6'		
"			6 0	52 0			14'
S. end CR. SW Cor.			6 47	51 55			
W end CR SW Cor.			6 33	51 69			
8+32.0			6 2	51 8		℄ Intr. 156th St.	
Storm Drain	J.C.	48" outlet S.	10 87	47 15			
"		36" Inlet W.	10 69	47 33			
"		30" Inlet N.	10 61	47 41			
"		24" Inlet E.	10 46	47 56			
Inv. 4" outlet, Catch Basin (E side of ST)			10 22	47 80	Right of ℄ Intr		20' Rt.
Inv. 24" outlet Catch Basin			9 91	48 11	SW Cor. S side 156th St.		

Profile No. ____ Notes Red. ____ Plotted ____ Date ____ Date ____
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Date ____ Date ____
Job No. 7141 Division No. ____ Survey of 161st St Survey by Wallace Notes Willey Date 1-15-46 Map No. ____ Date ____

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.	Hawthorne Ave Lt	℄	Rt
		58 02					
Invert 36" outlet Catch Basin			10 52	47 50	NW Cor. N. side 156th St.		
Invert 30" outlet Catch Basin			10 17	47 85	NW Cor. W. side Hawthorne Ave		
W. end C.R. NW Cor			6 21	51 81			
N. " " " "			6 17	51 85	BM N88 El. 51.886 FB 1168-51		
BM N88			6 14	51 88	156 & Hawthorne Ave & 156th St S.E Cor. Bt. Spk. in Headwall, E. end of culvert.		

6 14

Job No 1141 Division No. Notes Red. Plotted Profile
Survey of 161st St Date 1-15-46 Date No.
Survey by Wallace Notes Willey Notes Chkd. Checked X-Sec.
Indexed A. C. Johnson Date Date No.

B 1168 Pg. 214

Notes Ckd by	Survey of 161ST ST
Map No.	W. O. 1141 Tape No. Std. °F
Office Work	Surveyed by WALLACE
Checked	Notes Wallace Date 1-10-46
Date	Indexed A. C. Johnson

F.B. 1168 Pg.

MAR 11 '47

C.I. 1141 - 161ST ST

MANHATTAN BEACH BLVD.
FROM
FREEMAN AVE.
TO
HAWTHORNE AVE

TOPOG

Wallace
Willey
Dreier
Dickie

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 PM 11-45

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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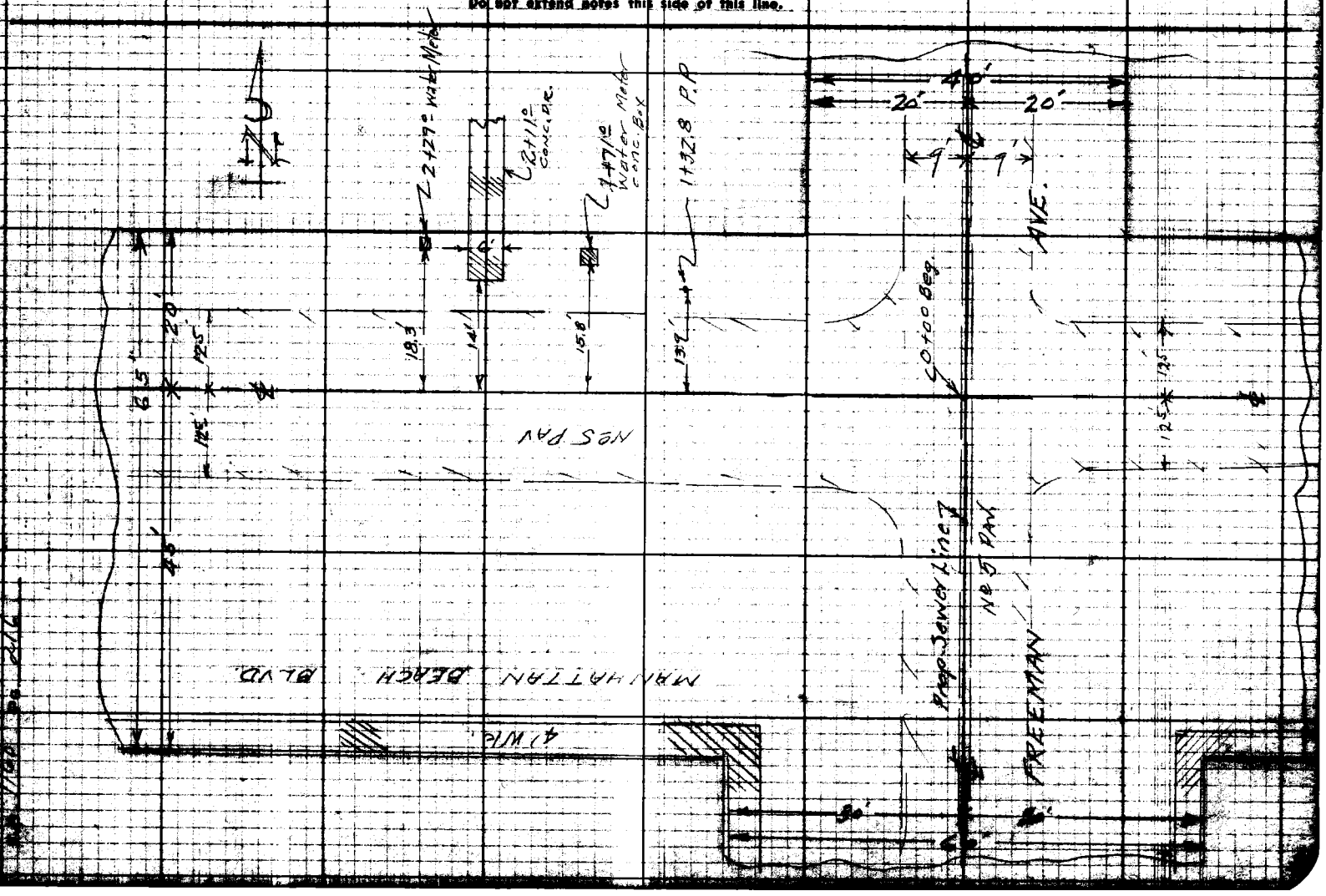
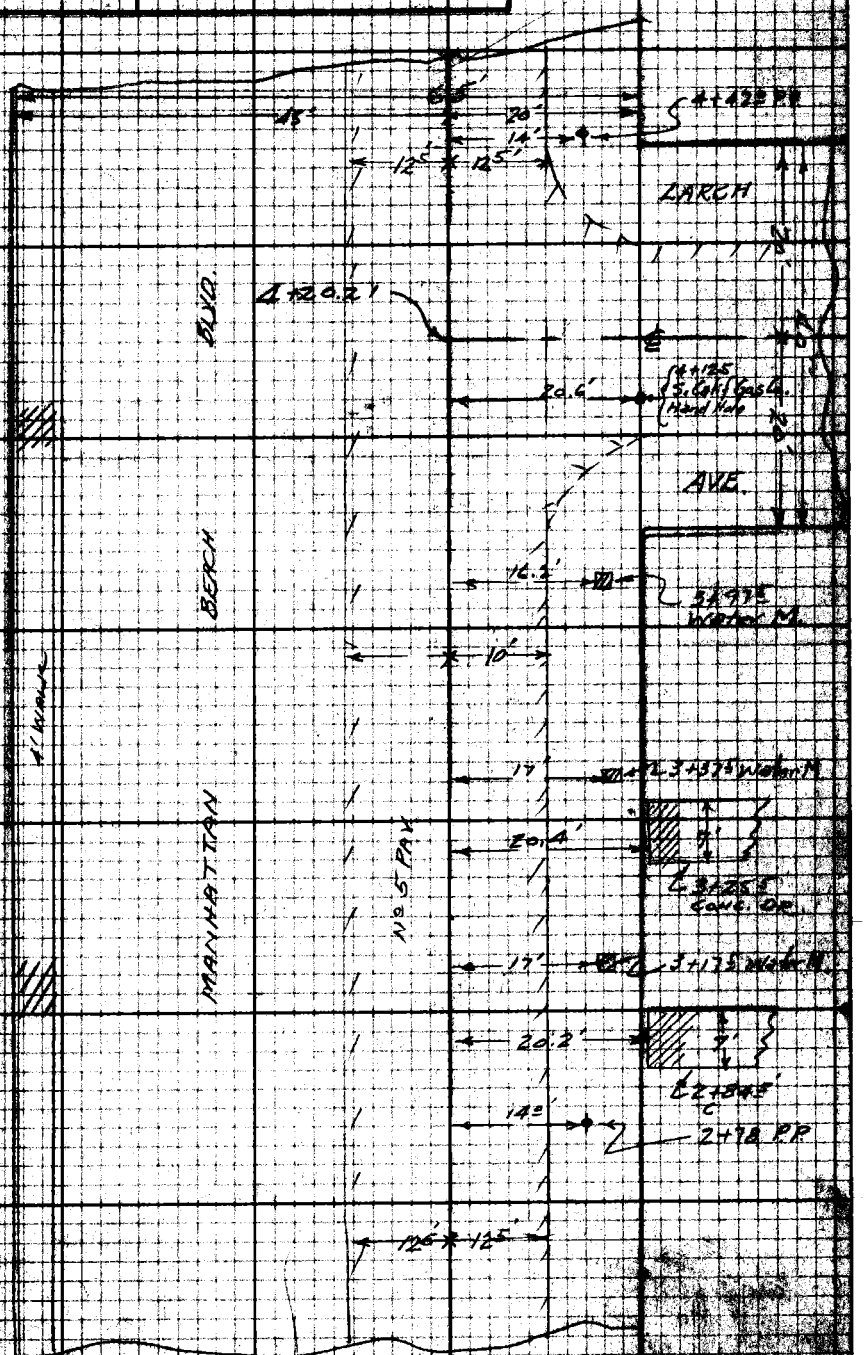


Notes Ckd by	Survey of 16/[illegible]
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes KV Date 1-10-41
Date	Indexed A. C. Johnson

F.B. 1168 Pg. [illegible]



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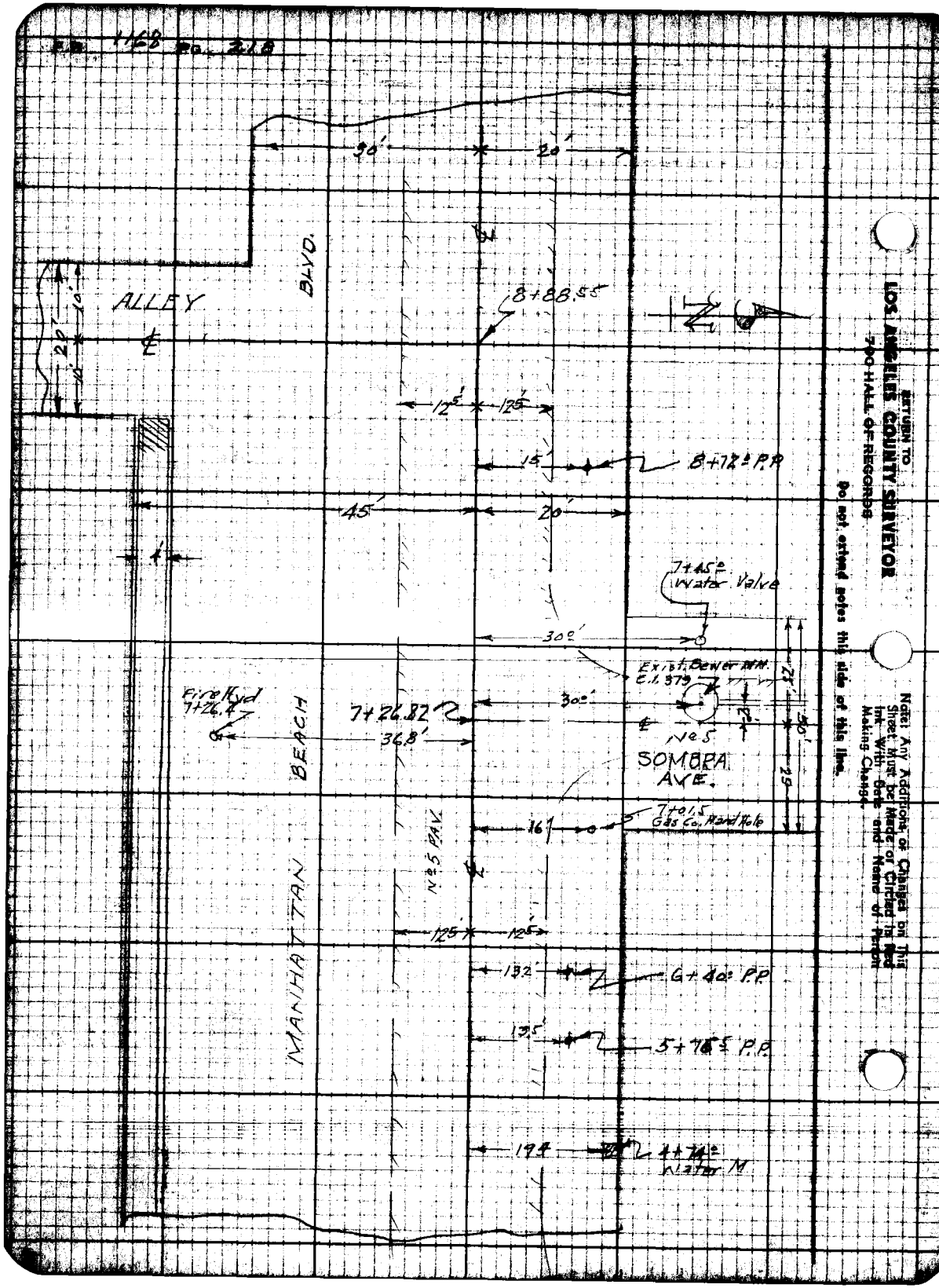
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS



RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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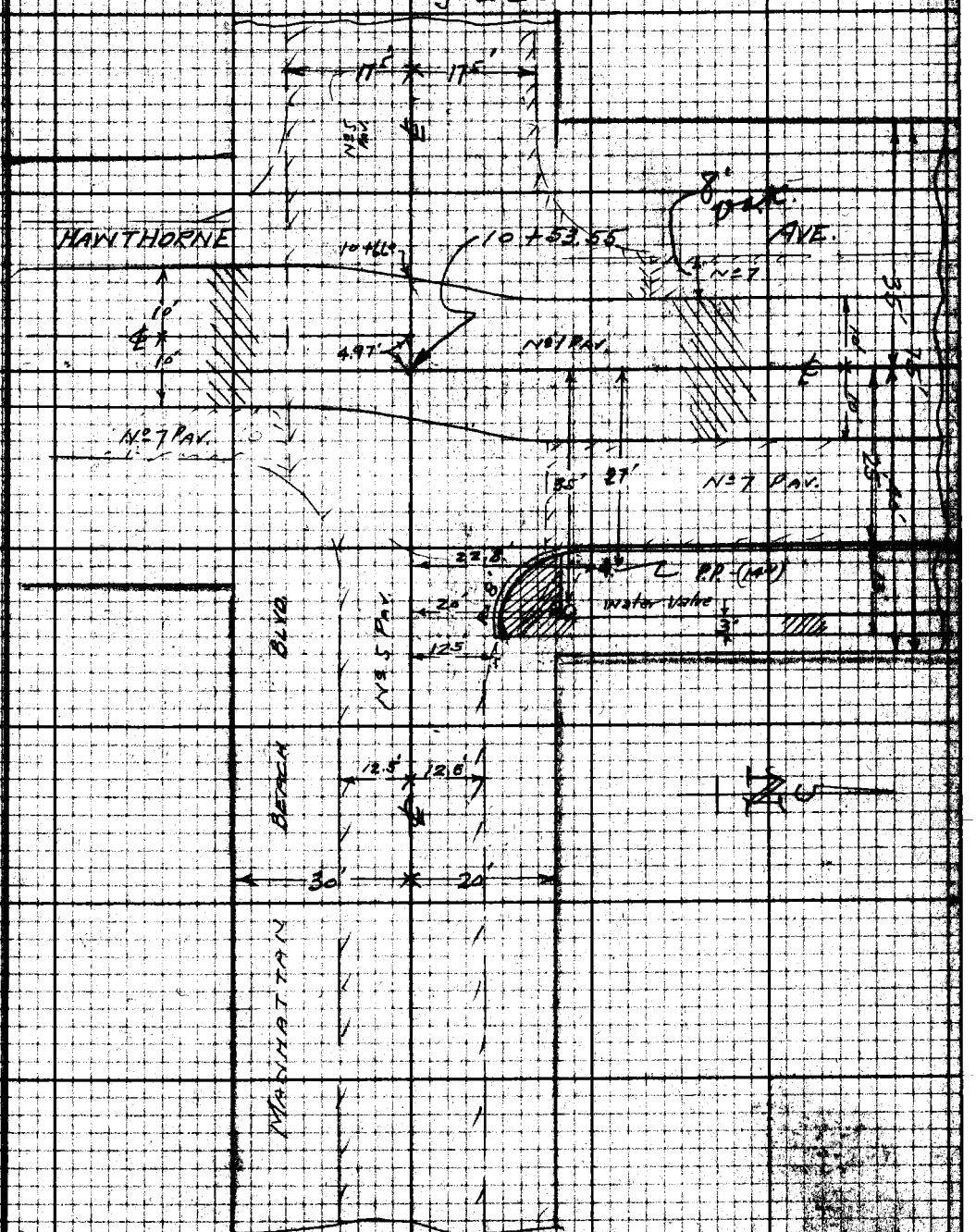
Notes Ckd by	Survey of 161st ST
Map No.	W. O. 1141 Tape No. Std. °F
Office Work	Surveyed by Wallace
Checked	Notes W Date 1-13-46
Date	Indexed A. C. Johnson

F.B. 1168 Pg. 219



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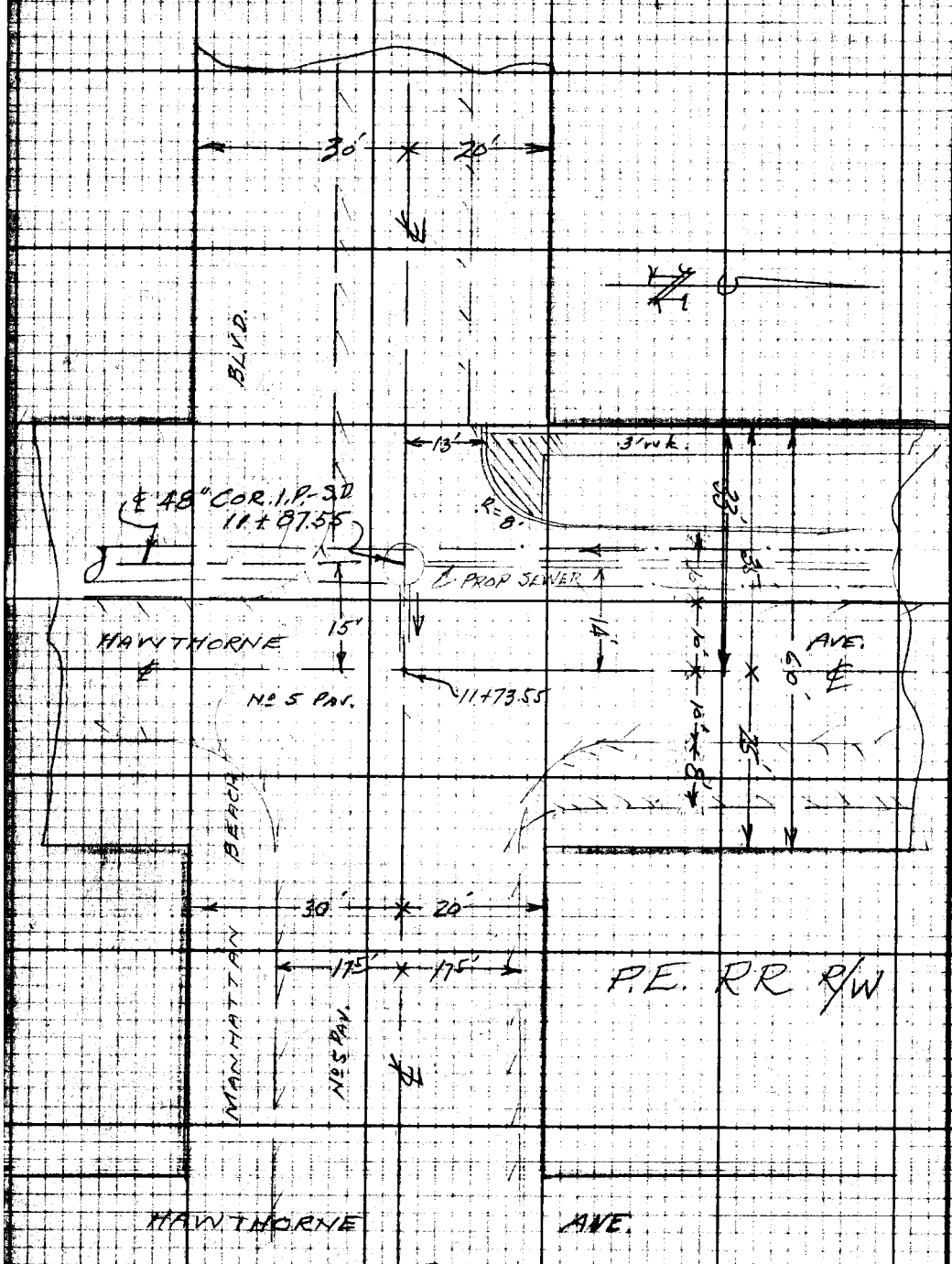
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS



From Top Pg. 219

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

Profile No.	Notes Red.	Plotted	Job No. 1141	Division No.	F.B. 161 Pg. 2[illegible]
	Date	Date	Survey of 161st St.		
X:Sec. No.	Notes Chkd. SEB	Checked	Survey by Wallace	Notes Willey	Date 1-11-46
	Date 1/16/46	Date	Map No.	Ended Johnson	Date MAR 11 '47

C.I. 1141 - 161st St.

Manhattan Beach Blvd

from

Freeman Ave to Hawthorne Ave

Profile

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

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 2M 8-48

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Profile No. ____ X-Sec. No. ____
Plotted ____ Date ____ Checked ____ Date ____
Notes Red. ____ Date 1-11-46 Notes Chkd. ____ Date ____
Division No. ____ Job No. 1141 Notes Willey
Survey of 16 St. Date ____
Survey by Wallace
Indexed C. Jacobson
F.B. 116 PG. 722

Manhattan Beach Blvd.

BM N80 El. 50.206 FB 1168-78
Manhattan Beach Blvd + Freeman Ave, S.E. Cor L+T in walk, 5' E. of end.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt	℄	Rt
BM N80				50 21			
	5 50	55 71					
0+00			5 0	50 7		℄ Int. Freeman Ave.	
2+30			5 0	50 7		℄	
"			5 11	50 60	45' back walk		
"			4 9	50 8			20'
1+00			48	50 9		℄	
"			4 95	50 76	45'		
"			4 9	50 8			20'
2+00			4 6	51 1		℄	
"			4 68	51 03	45'		
"			4 9	50 8			20'
T.P.	5 19	56 38	4 52	51 19			
3+00			5 1	51 3		℄	
"			5 03	51 35	45'		
"			4 7	51 7			20'
4+00 ±			4 9	51 5		℄ EPL Larch Ave	
4+20 ±			4 9	51 5		℄ Int. Larch Ave	
4+40 ±			4 8	51 6		℄ WPL Larch Ave	
5+00			4 6	51 8		℄	

FORM 307 2M 6-49

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

Manhattan Beach Blvd.

STATION	B. S.	H. I.	F. S.	ELEV.	Lt	℄	Rt
		56 38 4					
5+00			4 68	51 70	45'		
"			4 5	51 9			20'
6+00			4 3	52 1		℄	
"			4 45	51 93	45'		
"			4 5	51 9			20'
T.P.	4 93	57 08	4 23	52 15			
7+01 8			4 8	52 3		℄ E.P.L. Sombra Ave	
7+26 82			4 7	52 4		℄ Intr. Sombra	
End E. curb, Sombra Ave			5 00	52 08			60' Rt
Invert 8" outlet E			13 63	43 ~~35~~ 4 5			
" 8" " W			14 77	42 31			
" 8" Inlet W			13 53	43 55			
End W. curb, Sombra Ave			4 88	52 20			60' Rt
7+51 8			4 6	52 5		℄ W.P.L. Sombra Ave	
8+00			4 5	52 6		℄	
"			4 59	52 49	45'		
"			4 5	52 6			20'
8+88 55			3 9	53 2		℄ Intr. Alley	
T.P.			3 90	53 18			
	5 92	59 10					

Outlet E.		Outlet W.		Outlet N.	
5.16	Rim	5.17	Rim	5.15	Rim
7.80	Depth	8.93	Depth	7.71	Depth
0.67	Dia	0.67		0.63	Dia
13.63	Rod	14.77		13.53	Rod

Profile No. ___ Notes Rdd. ___ Date ___ Plotted ___ Date ___ Job No. [illegible] Division No. 161 St 57
X:Sec. No. ___ Notes Chkd. ___ Date ___ Checked ___ Date ___ Survey of ___ Survey by Wallace Notes Willey Date 1-11-46
Map No. ___ Date ___ Date ___

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Manhattan Beach Blvd. Lt	℄	Rt
		59.10					
9+00			5 7	53 4		℄	
			5 5	53 6			20'
10+13.5			3 9	55 2		℄ EPL Hawthorne Ave.	
E end CR NE Cor.			3 96	55 14			
N " " " "			4 13	54 97			
10+28.6			3 43	55 67	30' back walk		
10+53.55			3 52	55 58		℄ Intr. Hawthorne Ave N.	
+66			3 59	55 51		℄ westedge Conc. pav	
11+00			3 3	5~~6~~5 8		℄	
+21			3 0	5~~4~~6 1		℄	
11+73.55			4 0	5~~6~~5 1		℄ Intr. W. Side Hawthorne	
11+87.55			4 3	5~~5~~4 8		℄ Pro. J.C. M.H.	
N end CR NW Cor			3 03	56 07			
W " " " "			3 04	56 06			
BM-FA64			4 07	55 03	BM FA64 - El. 55.059 FB 1168-47 Manhattan Beach Blvd & Hawthorne Ave, N W Cor C.S. Pk in Curb, x 2' W of N end CR.		

F.B. 1168 Pg. 224 Job No. 1141 Division No. Notes Red. Date 1-11-46 Plotted Date Profile No. X-Sec. No.
Survey of 16th St. Survey by Wallace Notes Willey Notes Chkd. Checked Date
Indexed C. Johnson Date

Notes Ck'd by	Survey of 161 ST ST
Map No	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by WALLACE
Checked	Notes W Date 1-15-46
Date	Indexed C. Johnson

F.B. 1688 PG. 225

MAR 11 47

C.I. 1141 - 161ST ST

MANHATTAN BEACH BLVD
FROM
FREEMAN AVE.
EAST TO TRACT LINE

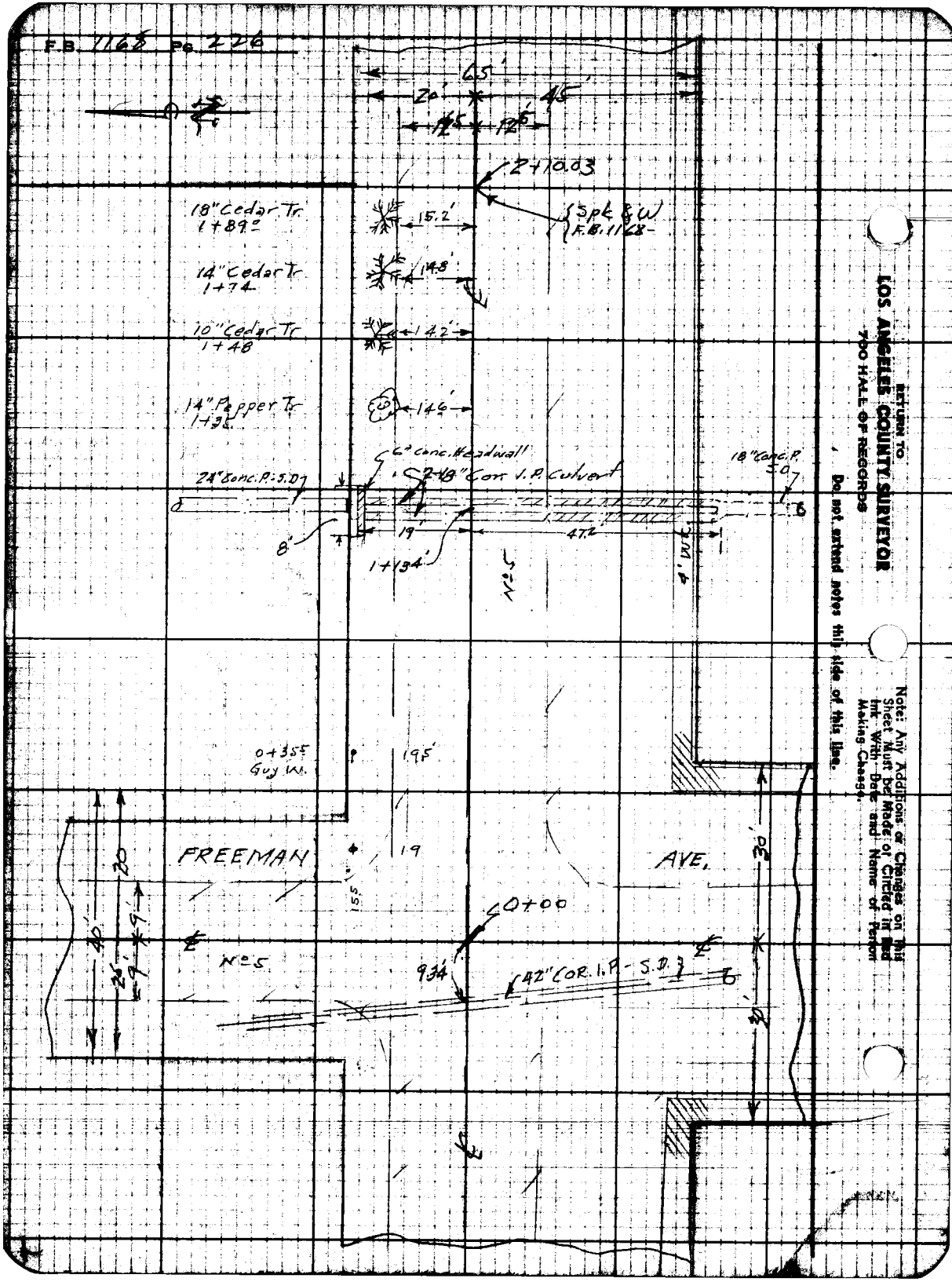
TOPOG

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 11-41


F.B. 1168 Pg. 226
65'
20'
45'
12.5'
12.5'
2+10.03
Spk & W
F.B. 1168
18" Cedar Tr.
1+89.0
15.2'
14" Cedar Tr.
1+74
14.8'
10" Cedar Tr.
1+48
14.2'
14" Pepper Tr.
1+35
14.6'
6" Conc. Headwall
2-18" Cor. I.P. Culvert
24" Conc. P.-S.D.
18" Conc. P.
S.D.
8'
19'
47.2'
1+13.4'
No. 5
4' Dia.
0+35.5
Guy W.
19.5'
FREEMAN
AVE.
19
15.5'
20
9'
40'
26'
9'
30'
30'
0+00
No. 5
9.34'
42" COR. I.P.-S.D.
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Profile	Notes Red.	Plotted	Job No. 1141	Division No.	F.B. 1168 Pg. 227
No.	Date	Date	Survey of 161st St.		
X:Sec.	Notes Chkd.	Checked	Survey by Wallace	Notes Willey	Date 1-15-46
No.	Date	Date	Map No.	Indexed C. Johnson	Date MAR 11 '47

CI 161st St

Manhattan Beach Blvd.

from

Freeman Ave to Tract line.

Profile

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

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

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 307 2M 6-48

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	Manhattan Beach Blvd.		
BM N80				50.21	BM N80 El. 50.206. FB 1168-48 Manhattan Beach Blvd. & Freeman Ave. S.E. Cor. L&T. in walk, 5' E. of end		
	4.55	54 76					
					Lt	℄	Rt
0+00			4 1	50 7		℄	
0+20			4 0	50 8		℄	EPL Freeman Ave.
"			4 3	50 5	13'		
"			4 2	50 6	20'		
0+30			3 9	50 9		℄	EPL Freeman Ave. S
"			4 42	50 34	back walk		45'
1+00			4 0	50 8		℄	
"			4 4	50 4	13'		
"			5 0	49 8	20'		
"			4 40	50 36			
1+09			6 91	47 75	15'6 Invert 18" Corr. I. Pipe		
"			6 91	47 85	15'6 Invert 18" Corr. I. Pipe		
"			4 90	49 86	16'6 Invert 24" Conc. Pipe		
"			7 36	47 40	Invert 18" Corr. I Pipe		47'
"			7 28	47 48	" 18" " " "		47'
2+10			3 9	50 9		℄	
			4 0	50 8	13'		
			3 7	51 1	20		

F.B. 1168 Pg. 28
Survey of 16th St.
Survey by Wallace
Indexed A. C. Johnson
Job No. 1141
Division No.
Notes Willey
Date
Notes Red.
Date 1-15-46
Notes Chkd. SEB
Date 1/21/46
Plotted
Date
Checked
Date
Profile
No.
X-Sec.
No.

FORM 307 SM 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.	Manhattan Beach Blvd. Lt	℄	Rt
		54 76					
2+10			4 17	50 59	back walk		45'
BMN80			4 55	50 21	BMN80 Elev. 50.206 - FB 1168-48 Manhattan Beach Blvd & Freeman Ave S.E. Cor L&T. in walk 5'E. of end		

Profile No. ____ Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____
X-Sec. No. ____ Date ____ Date ____ Survey of 161st St
Notes Chkd. ____ Checked ____ Survey by Wallace Notes Willey Date 1-15-46
Date ____ Date ____ Map No. ____ Date ____

F.B. 1168 Pg. 729

B. 118 PG. 230

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

Survey of _____ Date _____ Date _____ No. _____

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

Indexed _____ Date _____ Date _____ Date _____ No. _____

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

FORM 307 5M 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line

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

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			C.I. 1141 - 161st St.			
			1st Alley E. of Hawthorne Ave.			
			159th St from to Manhattan Beach Blvd.			
			Profile			
			SEE PGS. 166 t.			For SKETCHES

Profile No. ____ Notes Red. ____ Date ____ Plotted ____ Date ____ Job No. 1141 Division No. ____
X:Sec. No. ____ Notes Chkd. ____ Date ____ Checked ____ Date ____ Survey of 161st St. Survey by T.L. Wiley Notes T.L.W. Date 12-28-45
Map No. ____ Indexed Johnson Date ____

F.B. 1168 Pg. 231

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

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

Notes Red. ____ Date 12-28-45 Notes Chkd. ____ Date ____

Division No. ____ Job No. 1141 Notes J.L.W. 16 ft St. Date ____

Survey of ____ Survey by J. L. Miller Notes ____ Indexed A. C. Johnson Date ____

F.B. 1168 Pg. 232

1st Alley E. of Hawthorne Ave → N.

STATION	B. S.	H. I.	F. S.	ELEV.	W	℄	E.
BM H.6				54.60	BM H6. Elev. 54.598 FB 1168-47 Hawthorne Ave + 159th St. N.E. cor. Bt. spk. 4' N. of N. end. C.R.		
	2.78	57.38					
0+00			5.5	51.9		℄	Pro. M.H.
0+09			5.0	52.4		℄	℄ 159th St.
0+18			5.4	52.0		℄	N. edge pav. (macadam)
0+22			5.7	51.7		℄	Gutter
0+34			5.3	52.1		℄	N.P.L. 159th St.
1+00			4.9	52.5		℄	
"			5.3	52.1	10'		
"			4.9	52.5			10'
1+74			5.0	52.4		℄	Intr. Alley
"			4.9	52.5	10'		W.P.L. of Alley.
T.P.	5.81	58.24	4.95	52.43			
2+15			5.0	53.2		℄	
3+00			4.8	53.4		℄	
"			4.6	53.6	10'		
"			4.9	53.3			10'
3+09			4.9	53.3		℄	S.P.L. Manhattan Beach Blvd.
BM 3A			5.90	52.34	BM 3A El. 52.312. FB. 1168-47 Manhattan Beach Blvd. + Sombra Ave. 1.47 in conc. walk, S. side st. ℄ Prod.		

Notes Ck'd by	Survey of 161st ST
Map No.	W. O. 1141 Tape No. Std. °F
Office Work	Surveyed by Wallace
Checked	Notes W Date 12-28-45
Date	Indexed A. C. Johnson

F.B. 1168 Pg. 233

MAR 11 '47

C.I. 1141 - 161ST ST

ALLEY EAST OF HAWTHORNE AVE

FROM

159TH ST

TO

166TH ST

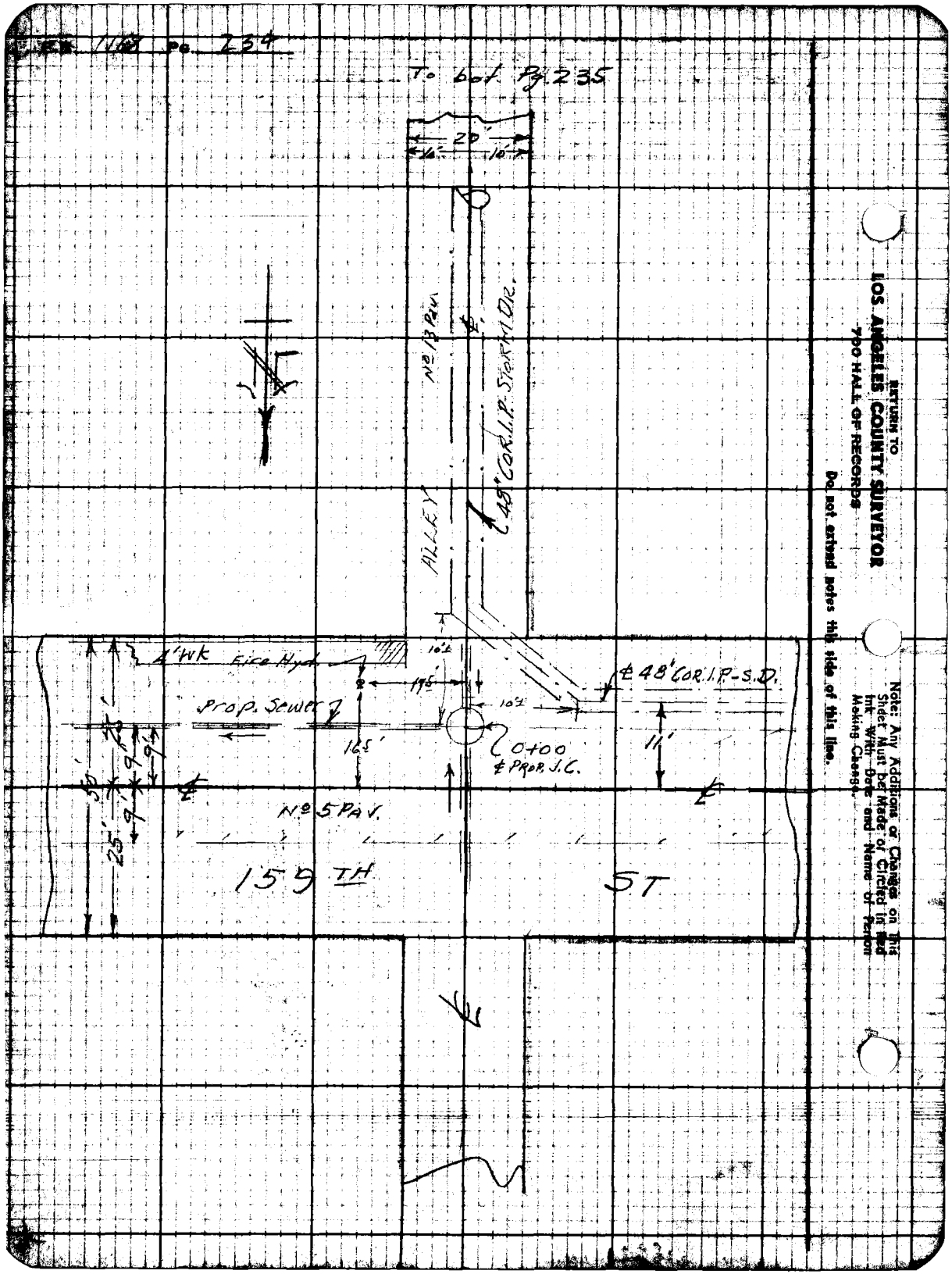
WALLACE
WILLIE
ORRIER
DICKIE

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

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

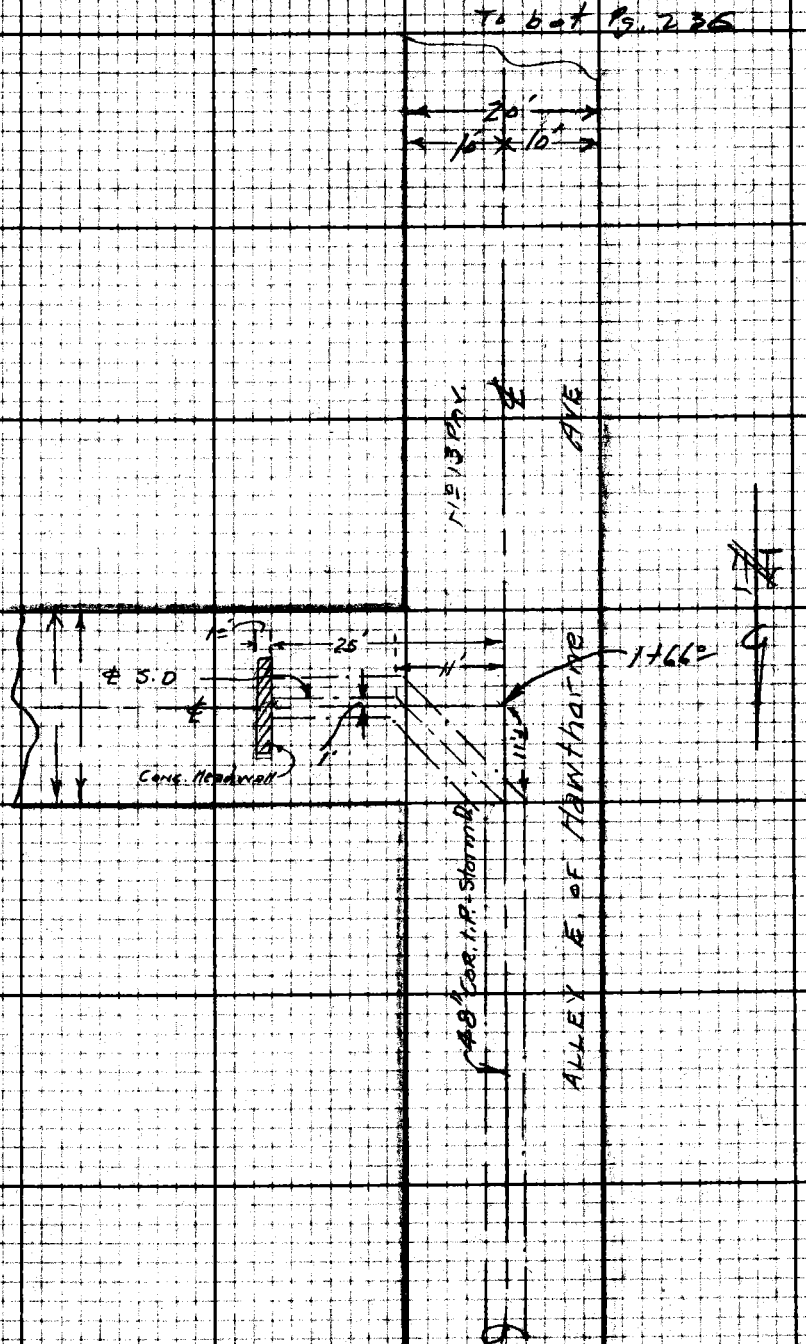
FORM 247 REV 11-46



Ex 1168 pg. 234
To bot. Pg. 235
20'
10'
10'
No 13 Pav.
48" Cor. I.P. Storm Dr.
ALLEY
4' Wk
Fire Hyd.
Prop. Sewer
10'±
17.5'
10'±
16.5'
0+00
℄ Prop. J.C.
℄ 48" Cor. I.P.-S.D.
11'
No 5 Pav.
159 TH
ST
50'
25'
9'
9'
9'
25'
RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of 12 1st ST
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes W Date 12-28-46
Date	Indexed A. C. Johnson

F.B. 1168 No. 2



From top Pg. 234

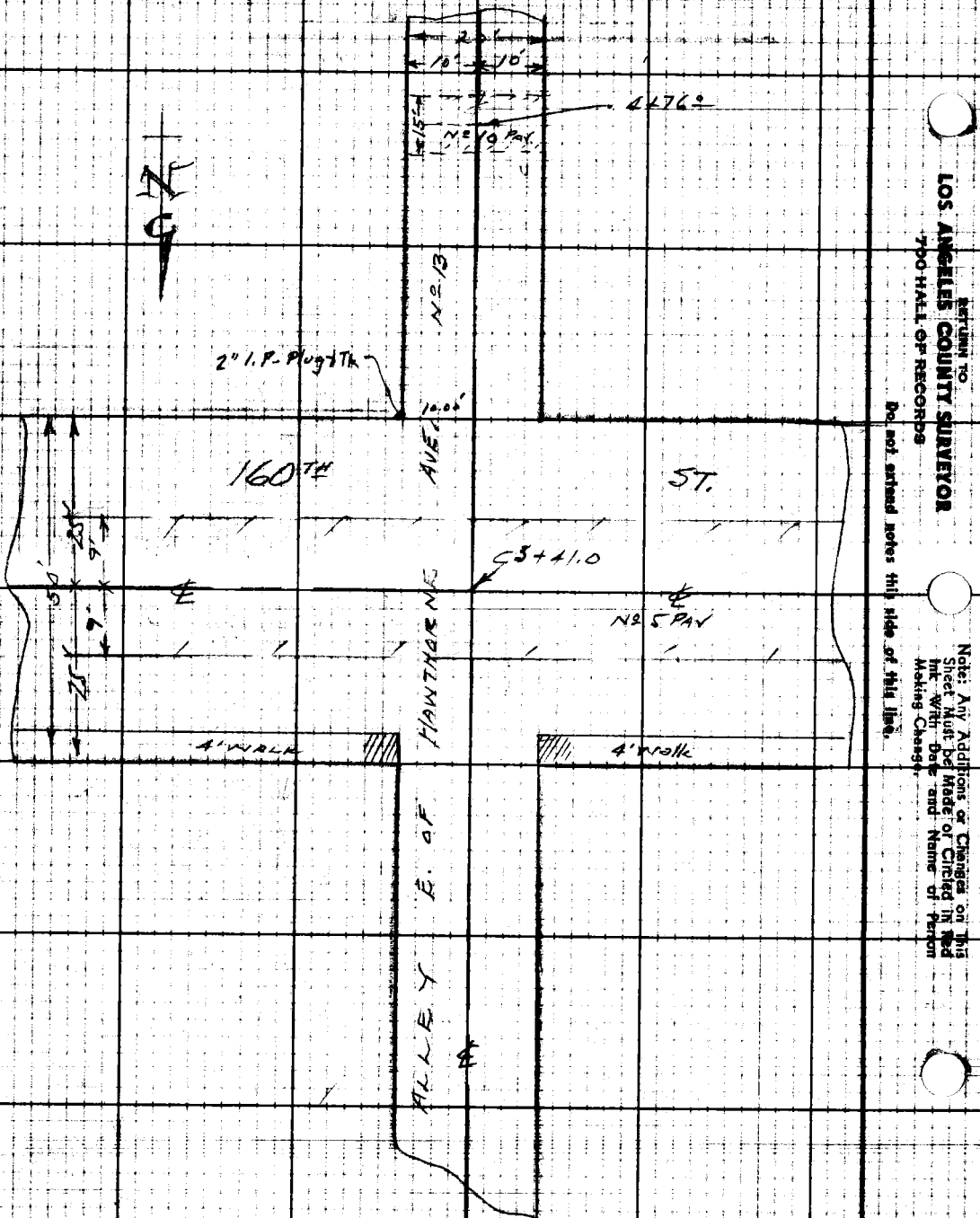
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 247 5M 11-46

To top Pg. 237

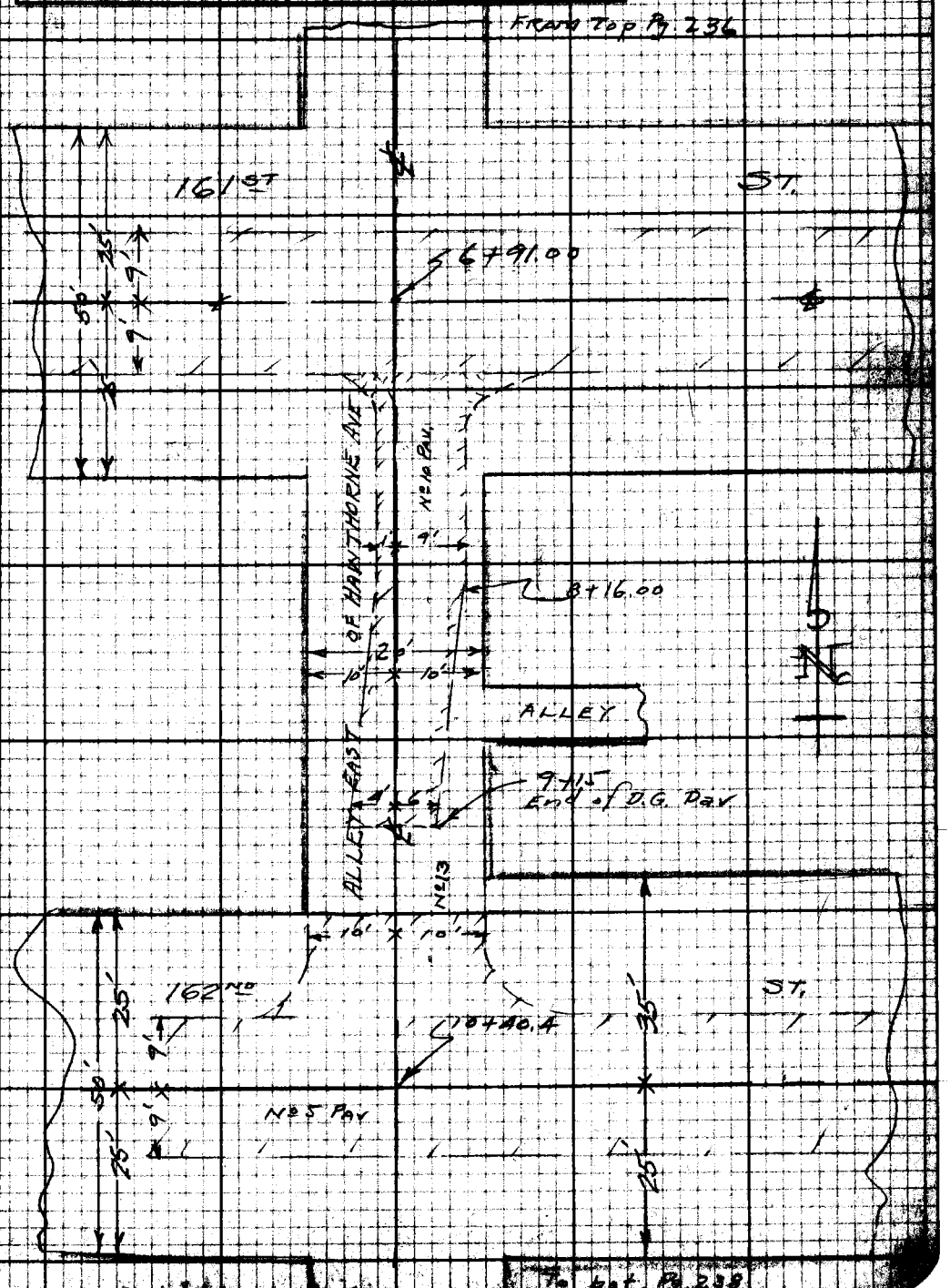


From top Pg. 235

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

Notes Ck'd by	Survey of 1/1/57
Map No.	W. O. 1141 Tape No. St'd °F
Office Work	Surveyed by Wallace
Checked	Notes Wallace Date
Date	Indexed C. Johnson

F.B. 1168 Pg. 237

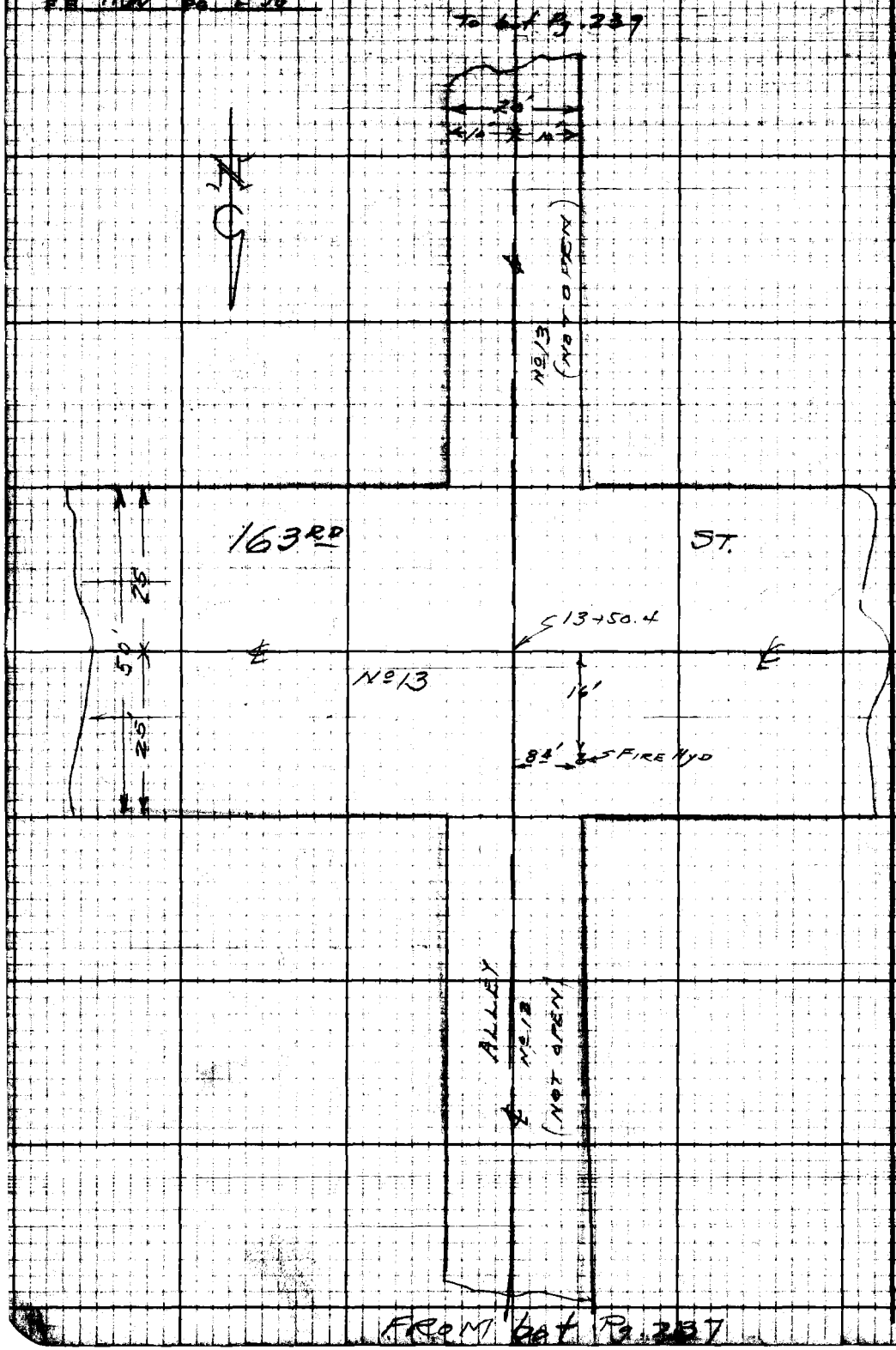


Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

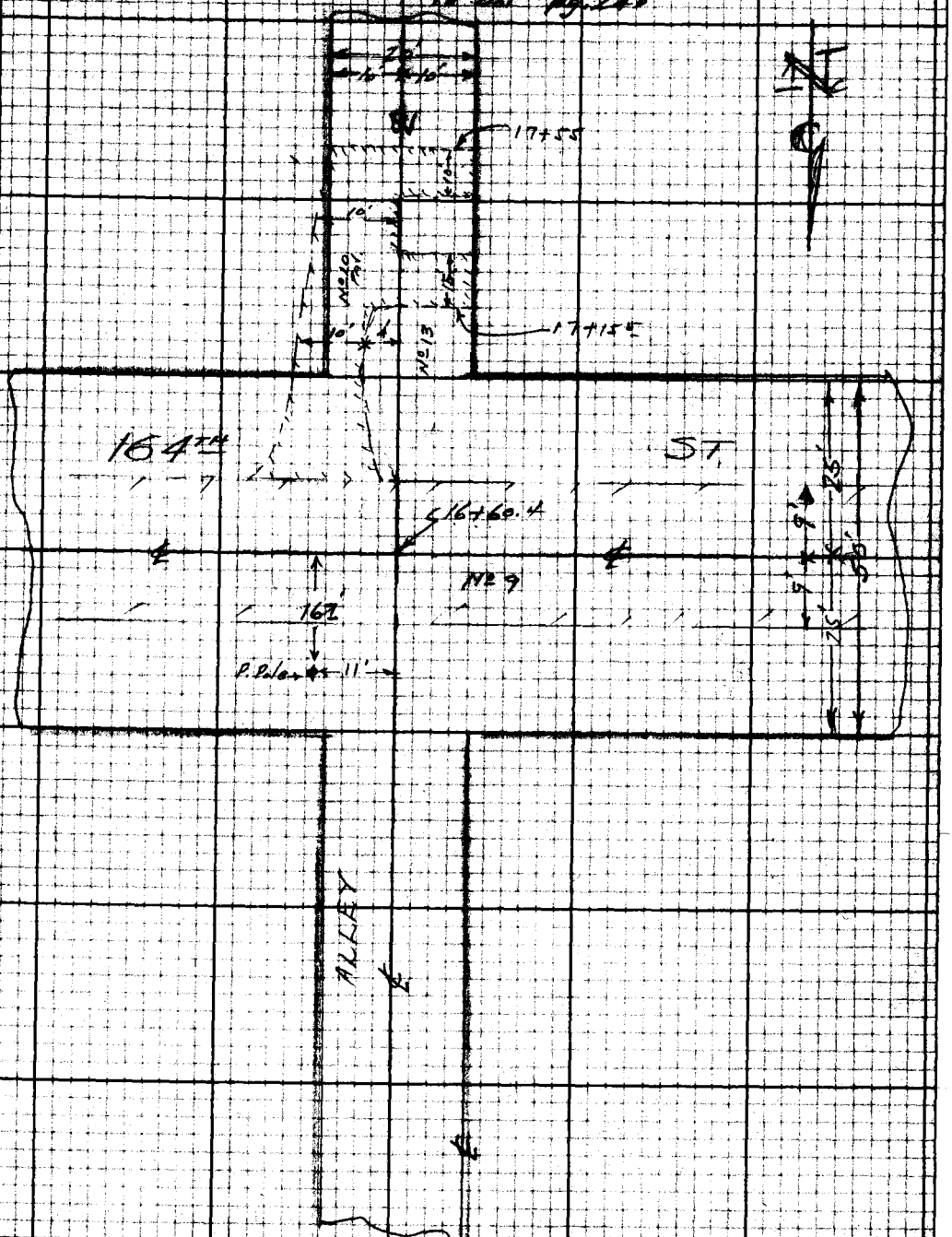
RETURN TO:
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

F.B. 1168 Pg. 238



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

Notes Ck'd by	Survey of 16[illegible] ST	F.B. 1168 Pg. 2[illegible]
Map No.	W. O. [illegible] Tape No. St'd of	
Office Work	Surveyed by [illegible]	
Checked	Notes [illegible] Date 1-[illegible]-46	
Date	Indexed [illegible]	



From Top Pg 238

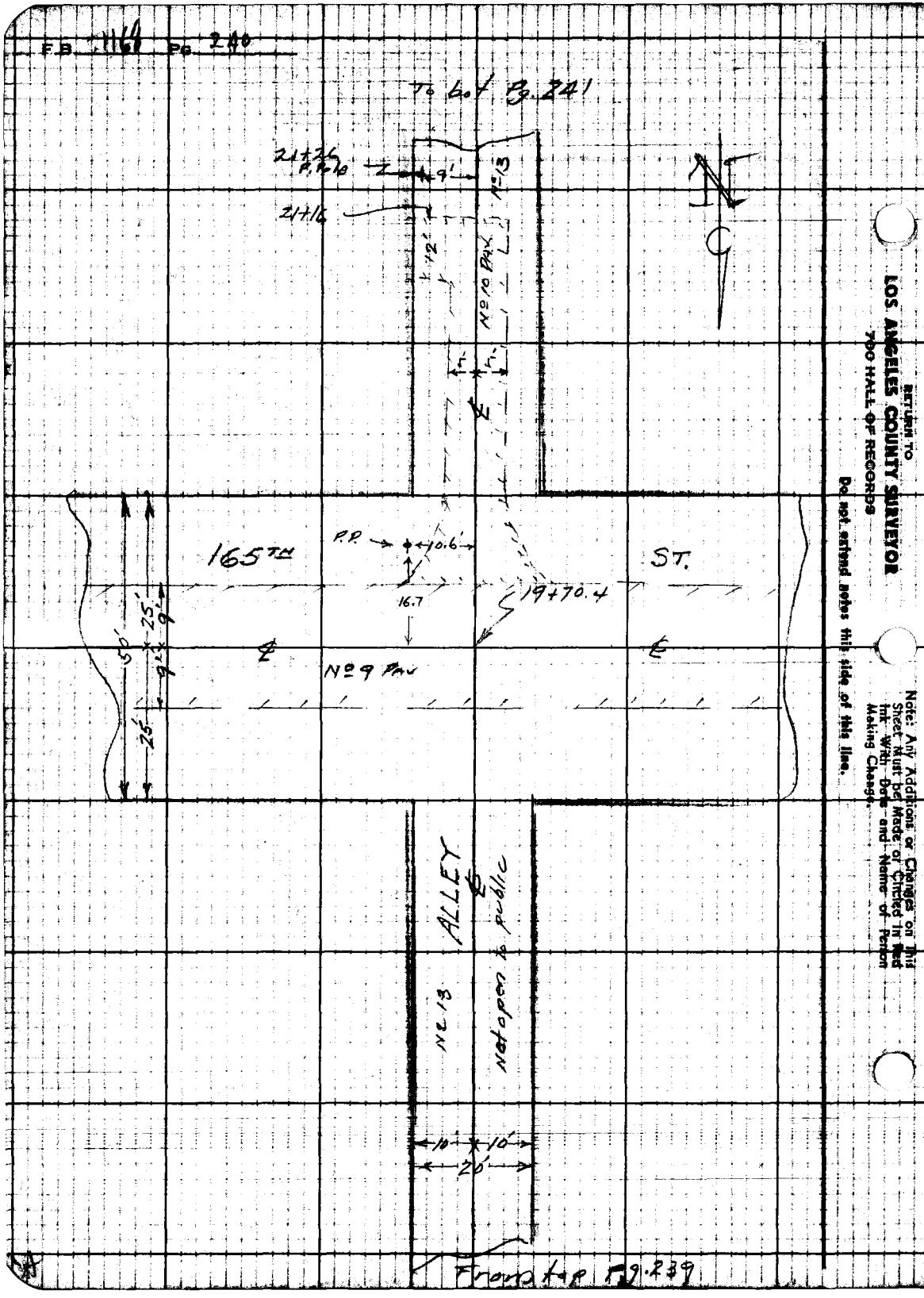
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

FORM 237 SM 11-45

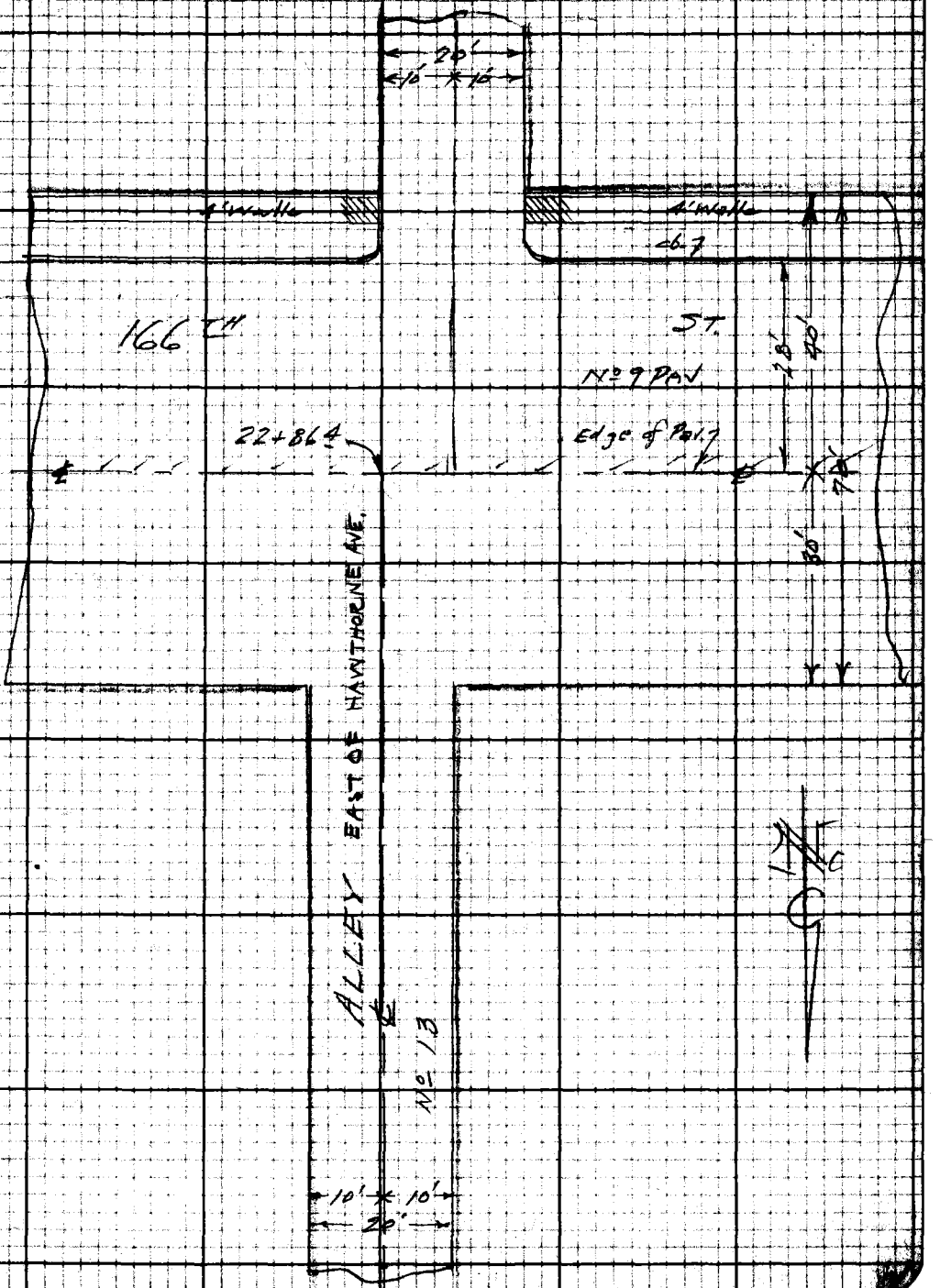
F.B. 1164 Pg. 240



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

Notes Ck'd by	Survey of 16127 ST
Map No.	W. O. 1141 Tape No. Std. °F
Office Work	Surveyed by WALLACE
Checked	Notes W Date 1-28-46
Date	Indexed A. C. Johnson

F.B. 1165 PG. 241



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

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

Do not extend notes this side of this line.

FORM 247 BM 11-41

RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

FB 1168 Pg. 242

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.		
			C.I. 1141 - 161st St.			
			1st Alley E. of Hawthorne Ave.			
			from 159th St to 166TH St.			
			profile			

Notes Red. ____ Plotted ____ Job No. 1141 Division No. ____
No. ____ Date ____ Date ____ Survey of 161st St.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by J.L. Willey Notes J.L.W. Date 12-23-41
No. ____ Date ____ Date ____ Map No. ____ Checked Johnson Date MAR 11 '47

F.B. 116 Pg. 243

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1st Alley E. Hawthorne Ave	
BM. H6.				54 60	BM H6. El. 54.598. F.B. 1168-47 Hawthorne Ave & 159th St. N.E.Co. Bt. Spk. 4' N. of N. end C.R.	
	2 50	57 10			LT	℄ RT
0+00			52	51 9		℄ Pro. J.C. 9'S. & 159th ST
+02	Top 48" Cor. I.P. Storm D.		7 60	49 50		15' Rt
0+04			56	51 5		℄
0+06			52	51 9		℄
0+16			48	52 3		℄ SPL. 159th
0+35	Top 48" Cor. I.P.-S.D		7 62	49 48		
1+00			49	52 2		℄
"			51	52 0		10'
"			49	52 2	10'	
1+					Top 48" corr. I. Storm Drain	
1+56			44	52 7		℄ NPL Alley
+60	Top 48" Cor. I.P.-S.D		7 70	49 40		
1+66			4 82	52 22	25' Top Conc. Headwall	
1+66			45	52 6		℄ Intr. Alley
1+66			11 58	45 52	25' Lt. Invert 48" corr. I. Storm Drain	
1+67			7 61	49 49	(* in drain) 11' Lt. Top 48" corr. I. Storm Drain	
1+76			4 4	52 7		℄ SPL Alley
T.P.	4 48	58 95	2 63	54 47		
3+00			46	54 3		℄
"			46	54 3		10'
"			44	54 5	10'	

F.B. 1168 PG. 244
Job No. 1141 Division No. Notes Red. Plotted Profile
Survey of 161st St. Date 12-28 Date No.
Survey by J.L. Willey Notes JLW Notes Chkd. JEB Checked X-Sec.
Indexed Date Date 1/30/46 Date No.

FORM 307 2M 9-48

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

1st Alley E. of Hawthorne Ave

STATION	B. S.	H. I.	F. S.	ELEV.	E	℄	W
		58.95				℄	
3+16			5.0	53.9		℄	N.P.L. 160th
3+27			5.5	53.4		℄	
3+31.5			5.2	53.7		℄	N edge pav.
3+41			4.8	54.1		℄	Intr. 160th St.
3+50			5.1	53.8		℄	S edge pav.
3+55			5.7	53.2		℄	Gutter
3+59			4.6	54.3		℄	
3+66			4.7	54.2		℄	Spt. 160th St
4+00			4.6	54.3		℄	
"			4.5	54.4			10'
"			4.6	54.3	10'		
5+00			5.0	53.9		℄	
T.P.	4.54	58.46	5.03	53.92			
6+00			4.7	53.8		℄	
"			4.8	53.7			10'
"			4.9	53.6	10'		
6+66			4.7	53.8		℄	N.P.L. 161st St
6+75			4.6	53.9		℄	
6+78			5.0	53.5		℄	
6+82			4.5	54.0		℄	N edge pav. 161st St

Plotted _____ Date _____
Notes Red. _____ Date _____
Notes Chkd. _____ Date _____
Checked _____ Date _____
Job No. 1164 Division No. 16 / 32 54
Survey of _____
Survey by J.L. Willey Notes J.L.W. Date 12-28-45
Map No. _____ Map C. Johnson Date _____
No. _____ Date _____
No. _____ Date _____
Sec. _____ Sec. _____

F.B. 1164 Pg. 23

FORM 307 2M 8-45

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line.

STATION	B. S.	H. I.	F. S.	ELEV.	1st Alley E. of Hawthorne Ave.	
		58.46 5			E	℄ W.
6+91.0			4.0	54.5		℄ Intr. 161st St.
7+01			4.4	54.1		℄ S. edge Pav. 161st St.
7+06			5.0	53.5		℄
7+13.5			4.3	54.2		℄ end pav.
7+16.5			4.3	54.2		℄ S.
8+00			3.8	54.7		℄
"			3.7	54.8		10'
"			3.7	54.8	10'	
T.P.	4.91	59.67	3.70	54.76		
9+00			4.8	54.9		℄
10+00			5.0	54.7		℄
"			5.0	54.7		10'
"			5.2	54.5	10'	
10+40.5			4.6	55.1		℄ Intr. 162nd St.
T.P.	5.47	60.53	4.61	55.06		
BMFA15			5.00	55.53	BMFA15 El. 55.543 FB 1168-47 Hawthorne Ave & 161st St. E. Side. Bt. Spk. in Conc. Pav. 9' W ℄ Intr.	

F.B. 1168 PG. 2A6
Job No. 1141 Division No.
Survey of 161st St.
Survey by J L Willey Notes J L W
Indexed A. C. Johnson Date
Notes Red. Date 12-28-45
Notes Chkd. Date
Plotted Date
Checked Date
Profile No.
X-Sec. No.

FORM 307 SM 7-43

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

Do not extend notes this side of this line

STATION	B. S.	H. I.	F. S.	ELEV.	1st Alley E. of Hawthorne Ave.
BM FA14				56.02	BM FA14 Elev. 56.028. F.B. ~~1168~~-30 1177- Hawthorne Ave & 162nd St. Bt. Spk. in Pavt. 9' W. ℄ Intr.
	3.77	59.8 / ~~58~~.79			
					Lt. ℄ Rt
10+51			5.5	53.3	℄
10+54			4.8	54.0	℄
11+00			5.0	54.8	℄
12+00			3.8	56.0	℄
13+00			2.6	57.2	℄
13+35			1.6	58.2	℄
13+38			2.2	57.6	℄
13+50± ⊙	7.27	64.50	1.56	57.23	℄ Intr. 163rd St.
13+62			7.6	57.9	℄
14+00			6.3	58.2	℄
15+00			4.9	~~59~~.6	℄
16+00			3.8	60.7	℄
16+44			3.6	60.9	℄
16+47			4.6	~~59~~.9	℄
16+60±			4.0	60.5	℄ Intr. 164th St.
BM FA12			3.77	60.73	BM FA12 El. 61.727. F.B. ~~1168~~-30 1177 Hawthorne Blvd & 164th St. Bt. Spk. in Pav. 9' N. ℄ Intr.

Project Hawthorne Blvd. Plotted ____ Job No. 1141 Drawing No. ____
No. ____ Date ____ Date ____ Survey of 164th St.
X-Sec. ____ Notes Chkd. ____ Checked ____ Survey by Harlan Notes Killey Date ____
No. ____ Date ____ Date ____ Map No. ____ Checked Joseph Date ____

FORM 307 5M 7-43

PLEASE RETURN TO
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700 HALL OF RECORDS

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Profile No. ____ X-Sec. No. ____ Plotted ____ Date ____ Checked ____ Date ____ Notes Rcd. ____ Date 1-26-44 Notes Chkd. ____ Date ____

Job No. 1141 Division No. 161 Sheet 57 Notes Wallace Survey of ____ Survey by Wallace & C. Johnson Indexed ____

W.P. Pg. 248

STATION	B. S.	H. I.	F. S.	ELEV.	1st Alley E. of Hawthorne Blvd. Lt	℄	Rt
		65.50					
T.P.	4.07	65.57	4.00	61.50			
16+72			4.7	60.9		℄	
+75			4.1	61.5		℄	
17+00			4.1	61.5		℄	
17+54			4.5	61.1		℄	end pav.
18+00			4.8	60.8		℄	
19+00			3.6	62.0		℄	
19+54			2.6	63.0		℄	
+57			3.4	62.2		℄	
19+70±			2.4	63.2		℄	Intr. 165th St.
T.P.	6.74	69.93	2.38	63.19			
19+85			7.3	62.6		℄	
19+95±			6.9	63.0		℄	WPL 165th St.
21+00			4.7	65.2		℄	
22+00			3.5	66.4		℄	
22+56±			3.0	66.9		℄	NPL 166th St.
22+86±			3.5	66.4	Intr. 166th St.	℄	N. edge Pav't. 166th
T.P.	4.82	71.39	3.36	66.57			
MCR-S.E. Cor			4.70	66.69			
End Curb			4.39	67.00	S.P.L. 166th St. - E. side Alley		

FORM 207 [illegible] 7-43

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700 HALL OF RECORDS

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STATION	B. S.	H. I.	F. S.	ELEV.	1st Alley E. Hawthorne Ave
		71 39			Lt. ℄ Rt
M.C.R. S.W. Cor.			4 40	66 99	
End curb			4 02	67 37	S.P.L. 166th St. - E side Alley.
E. end C.R. N.E. Cor.			4 00	67 39	166th St. & Hawthorne Ave
N end C.R. N.E. Cor			4 23	67 16	" " "
Back walk			3 89	67 50	E.P.L. Hawthorne Ave, N.P.L. 166th St.
BM FA 10			3 70	67 69	BM FA 10 Elev. 67.703 FB ~~1168~~ 1177-29 29 166th St. & Hawthorne Ave. S.E. Cor. Bt. Spk 17' E. of end C.R.

Notes Red. Plotted Date
Notes Chkd. Checked Date
Date 11/30/46 Date

Job No. 1141 Division No.
Survey of 161st St.
Survey by Wallace Notes Willey Date 1-26-46
Map No. Index C. Johnson Date

F.B. [illegible]

Job No. 1141

161st St

Date

Notes

Notes Chkd

Checked

Indexed

Date

Date

Date

1128