

BK. 30 Dr. 13

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan.....Survey

48-N.B.1

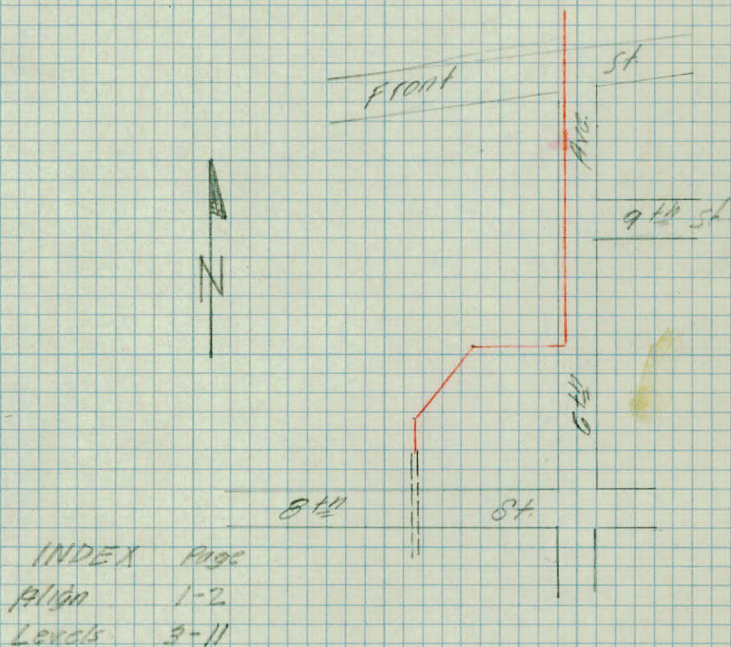
6th Ave. Storm Sewer
From 8th St. To Front St.

Road Acc't. No.

Date Filed 8-3-48

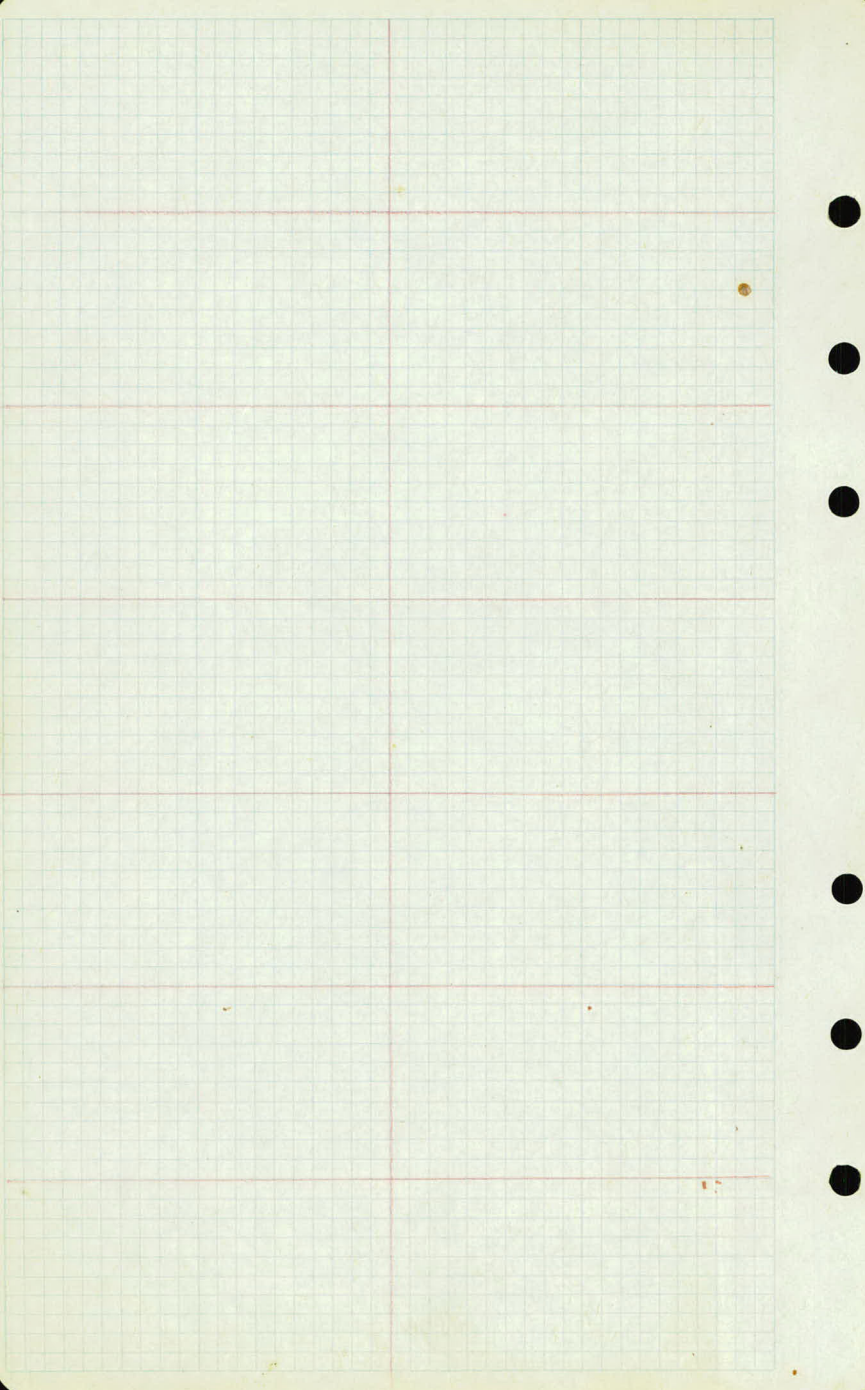
File

PLAN SURVEY
STORM SEWER
6TH AVE.
8TH ST TO FRONT ST.
VILLAGE OF NEW BRIGHTON



Rec 1/9/43

R. Brown, Jr.



Alignment

Sta Point ΔL ΔE
9 +86.33 P.O.T. = E Front St.

6 +49.55 P.O.T. = E 9th St.

3 +71.42 P.I. 90°00'

2 +97.02 P.I. 50°50'

1 +14.78 P.I. 37°51 1/2'

P.O.T.
0 +00 = N. End of 24" G.M. Culvert
Under 9th St.

K.A. 1-7-48

AM

R. C.

2

Nail E.D. 150 E. Pav.

98°40' 1/2"

Front St.

72.93'

69.66'

Shoe
shop

1.5' up off SW

Cor.
Hotel

65.97'

54.21'

Cor.
Ho.

19'

Cor.
store

15" Trip Willow

92.64'

6th Ave
E-E

17.80'

16" Willow

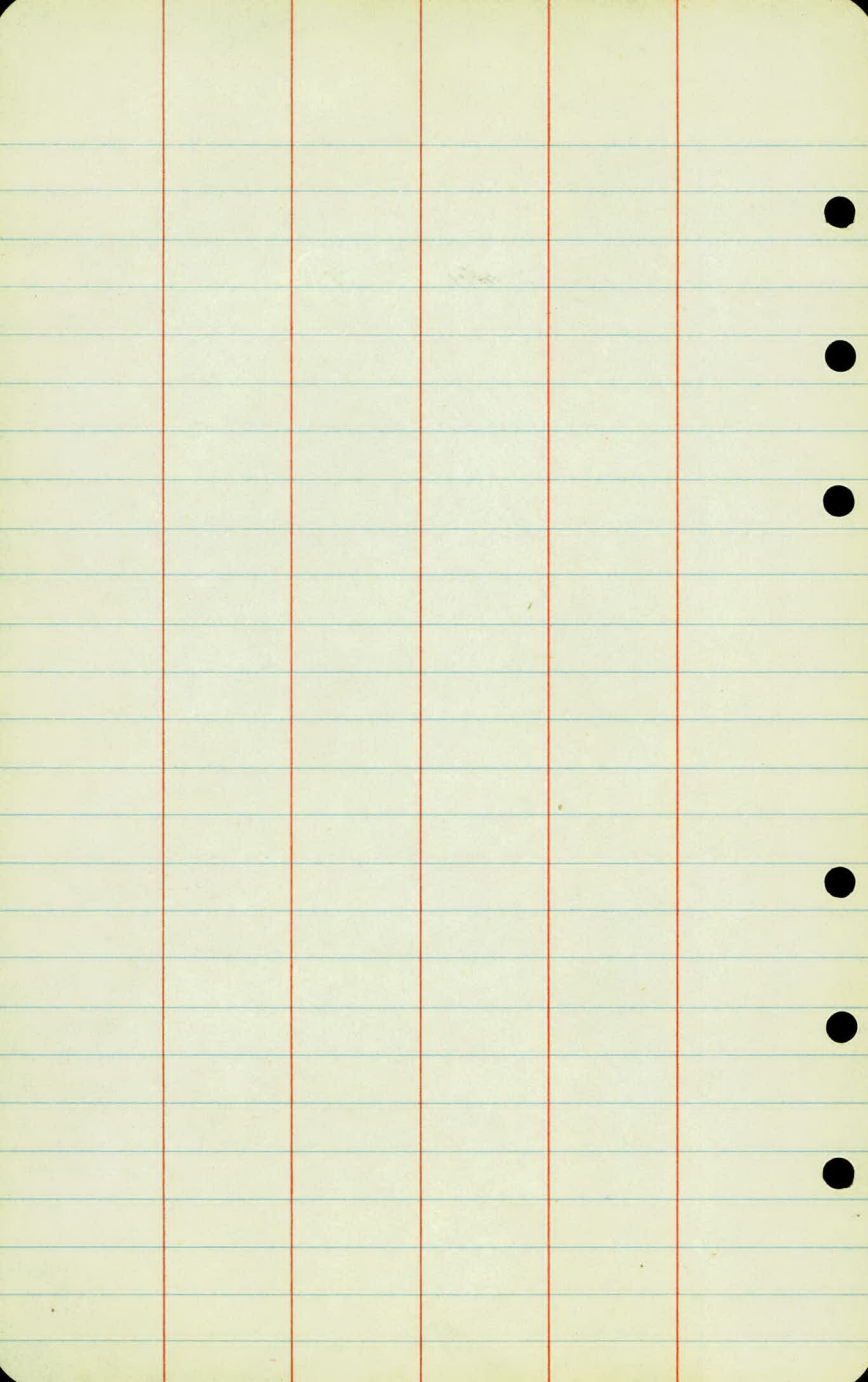
Spk. in top of stump.

Nail

179 59-60

- 81-19-30

90-90-30



Topography

10'

+107 Edge of Bl. Top

+96.6 - Edge Pav.

+176.4 Edge Pav.
Bl. Top between S.W. & Pav.

+161 - Edge S.W. - 1 x 5 E

+152 - Edge S.W. - 1 x 5 E

9

Bl. Top - 3'

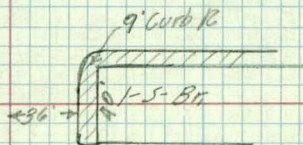
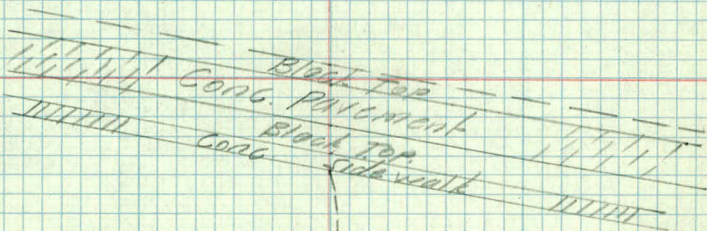
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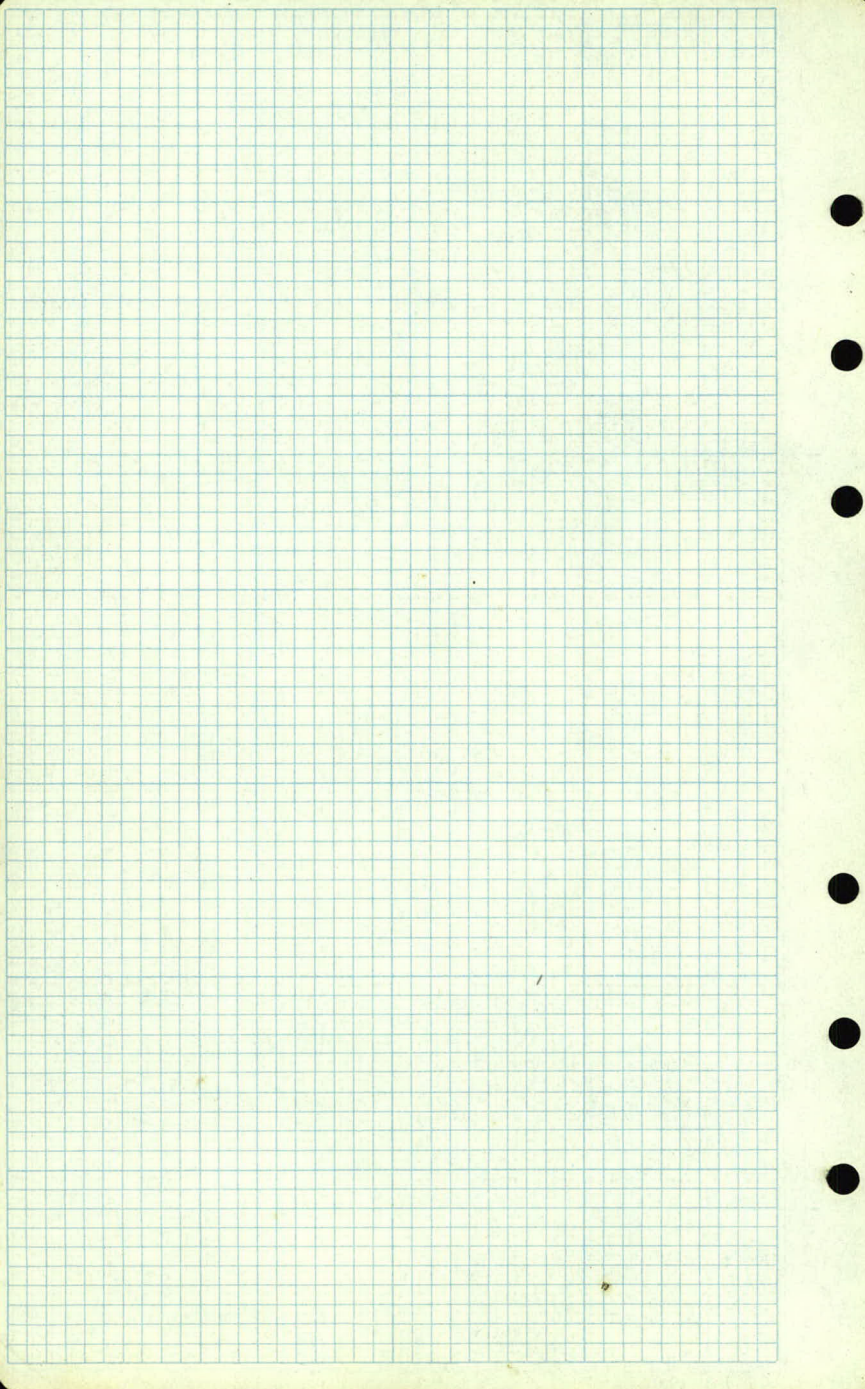
7

6

+19.5 Cor. Bl. Top - 45' 9 Rod.
+18.6 Calc. Valve - 1

10-6-48





Profile Levels

Sta.	+	π	-	Elev
B.M.	2.55	889.40 889.50		886.85 (886.95)

0	+00	FL. 24" C.M.	426	85.14
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	+03		38	85.6
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	+10		1.8	87.6
--	-----	--	-----	------

	+18		4.1	85.3
--	-----	--	-----	------

	+35		4.6	84.8
--	-----	--	-----	------

	+77		4.1	85.3
--	-----	--	-----	------

1			38	85.6
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	+1478		4.0	85.4
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L

E

E

TOP Hyd S.E. Cor 6th Ave & 9th St.

Sta	-	T 889.40 889.50	-	Elev
-----	---	-----------------------	---	------

1	+45		3.4	86.0
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	+75		4.0	85.4
--	-----	--	-----	------

2			4.4	85.0
---	--	--	-----	------

	+28		5.2	84.2
--	-----	--	-----	------

	+51		5.8	83.6
--	-----	--	-----	------

	+71		7.2	82.2
--	-----	--	-----	------

	+90		7.8	81.6
--	-----	--	-----	------

3			7.4	82.0
---	--	--	-----	------

L

E

E

+80-18"0-6'

+75-18"0-5' 20"0-6'

+90-10"0-8'

+61-18"Willow-4'

+81-12"Willow-3'

+81-12"Willow-4'

+97-stump-00

3+003stump-2'

+06-stump-2'

sto	+	π 889.40 889.50	-	Elev
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3 + 20			7.2	82.2
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+26			6.1	83.3
-----	--	--	-----	------

+45			6.0	83.4
-----	--	--	-----	------

+51			7.3	82.1
-----	--	--	-----	------

+57			7.6	81.8
-----	--	--	-----	------

+64			8.7	80.7
-----	--	--	-----	------

+69			4.5	84.9
-----	--	--	-----	------

+71.42			4.1	85.3
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L

E

E

+ 23-15" Willow 4'

+ 45" Stump 1'

FL, 30" C.M. X Drain Under ⁶² 6th Ave. Culv-53' long

Sto	+	π 889.40 889.50	-	Elev.	
4			4.4	85.0	
	+50		4.8	84.6	
5			5.1	84.3	
	+50		5.4	84.0	
6			5.2	84.2	
B.M.	9.31	890.16 890.26	7.55		886.85 886.95
	+50		6.1	84.1	
7			6.0	84.2	
	+50		5.7	84.5	

L

E
Road

B

Bl. Top

4-25

46

49

+67-PP-4'

52

+50-PP-4'

56

58

Bl. Top-5-25'

+11-PP-4'

52

Sta.	+	Σ 890.16 890.26	-	Elev
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8			5.5	84.7
---	--	--	-----	------

	+50		5.3	84.9
--	-----	--	-----	------

9			5.3	84.9
---	--	--	-----	------

	+50		5.2	85.0
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	+76	Edge Pav.	4.64	85.52
--	-----	-----------	------	-------

	+86.33		4.52	85.64
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	+96.1	Edge Pav.	4.58	85.58
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10			4.5	85.7
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L

E
Ed

L

52

+36-PP-5'

+31-PP-5'

Sta	+	Σ 890.16 890.26	-	Elev.
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10 + 15			4.4	85.8
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+27			7.4	82.8
-----	--	--	-----	------

+44			11.0	79.2
-----	--	--	------	------

+67			12.9	77.3
-----	--	--	------	------

+89			15.6	74.6
-----	--	--	------	------

11.			16.9	73.3
B.M.			331	886.85 886.95

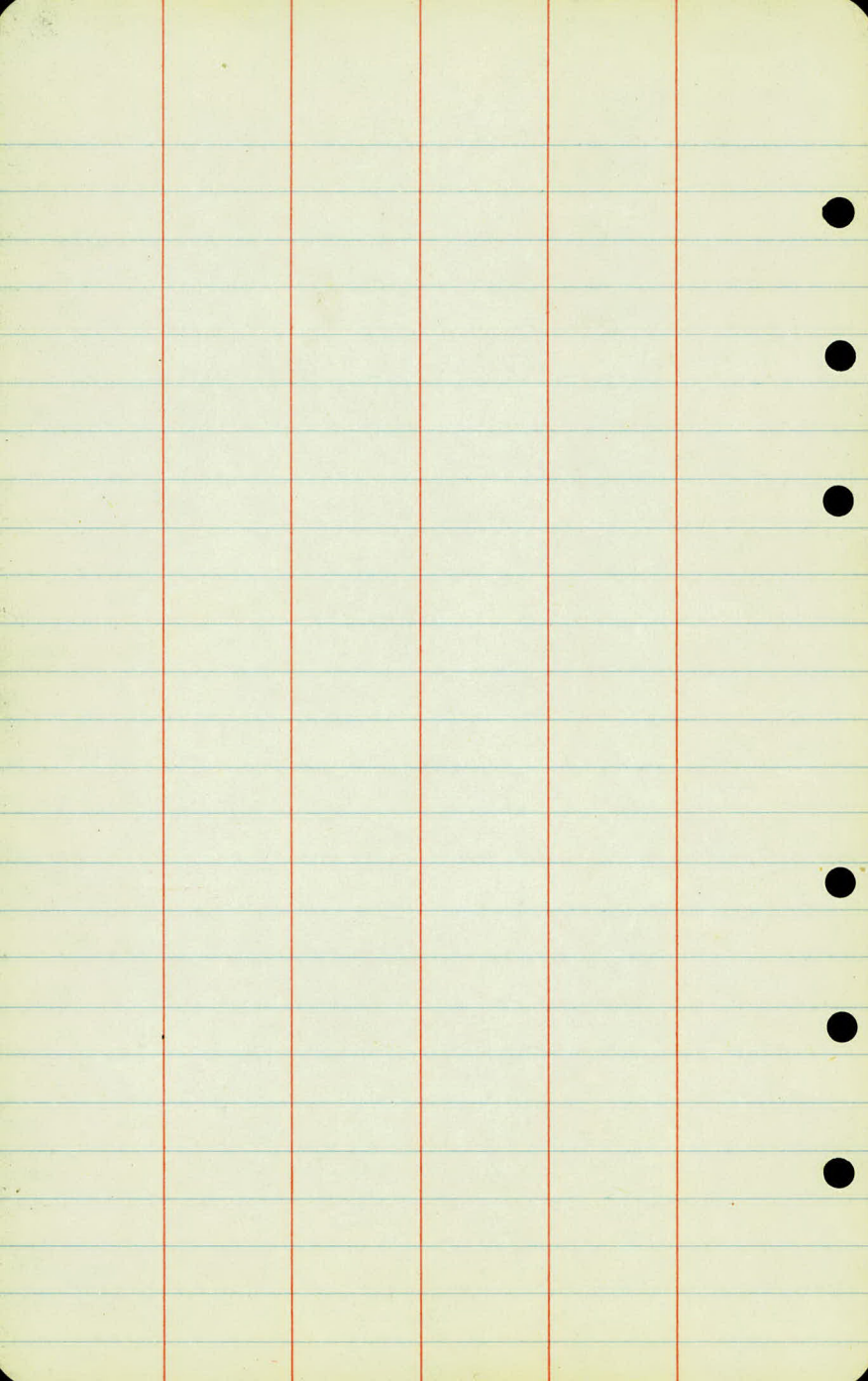
L

E

E

+13-PP-B

Cont. getting lower to north



Bench Levels

	+	π	-	ELEV
B.M.	3.77	90019		(896.42)
	1.39	890.76	10.82	889.37
	5.61	889.73	6.64	884.12
B.M.			2.88	886.85
	4.60	889.16	5.17	884.56
B.M.			2.31	886.85
	10.90	898.67	1.39	887.77
B.M.			2.26	896.41

SPK. P.P. SW. COR. 6TH + 5TH

TOP HYDRT S.E. COR 9TH + 6TH

TOP HYDRT S.W. COR 9TH + 5TH *

SPK. P.P. SW. COR 8TH + 5TH

