

OFFICE OF COUNTY ENGINEER
RAMSEY COUNTY, MINN.

PLAN

Survey

JACKSON AND DEMONT

From _____ To _____

Road Acc't. No. _____

Date Filed 4-7-81 File _____

FK
KP
DS.
LPO

Dec. 21, 1972

T-1

TOPOGRAPHY

JACKSON ST.

Demont to Old "C"

62-623-09

LT.

RT.

Road
11-12

+70 $\frac{PP}{24}$

+62 $\frac{ER}{13}$

+53 $\frac{Tw 10" BE}{40}$

+38 $\frac{ER}{12}$

+33 $\frac{GP}{27}$

+25 $\frac{POR}{29}$

+25 $\frac{POR}{20}$

+18 $\frac{RP}{45}$

+19 $\frac{W GV}{21}$

+13 $\frac{BR}{50}$

+13 $\frac{BR}{44}$

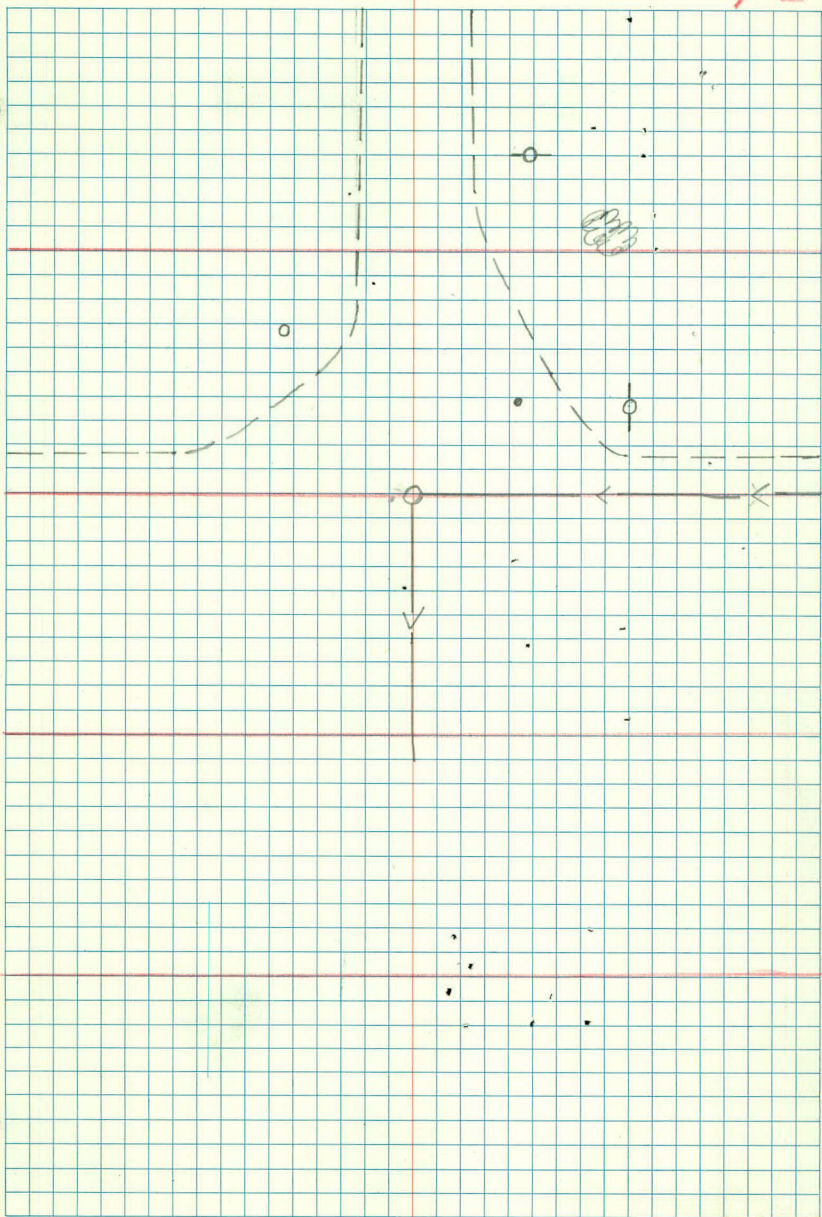
0

+00 $\frac{MH}{\cancel{5}}$

FR
LPD
DS

June 3, 1977
Fair 65°

T-2



LT.

RT.

3

Road
10 12.5

+70 $\frac{PP}{24}$

2

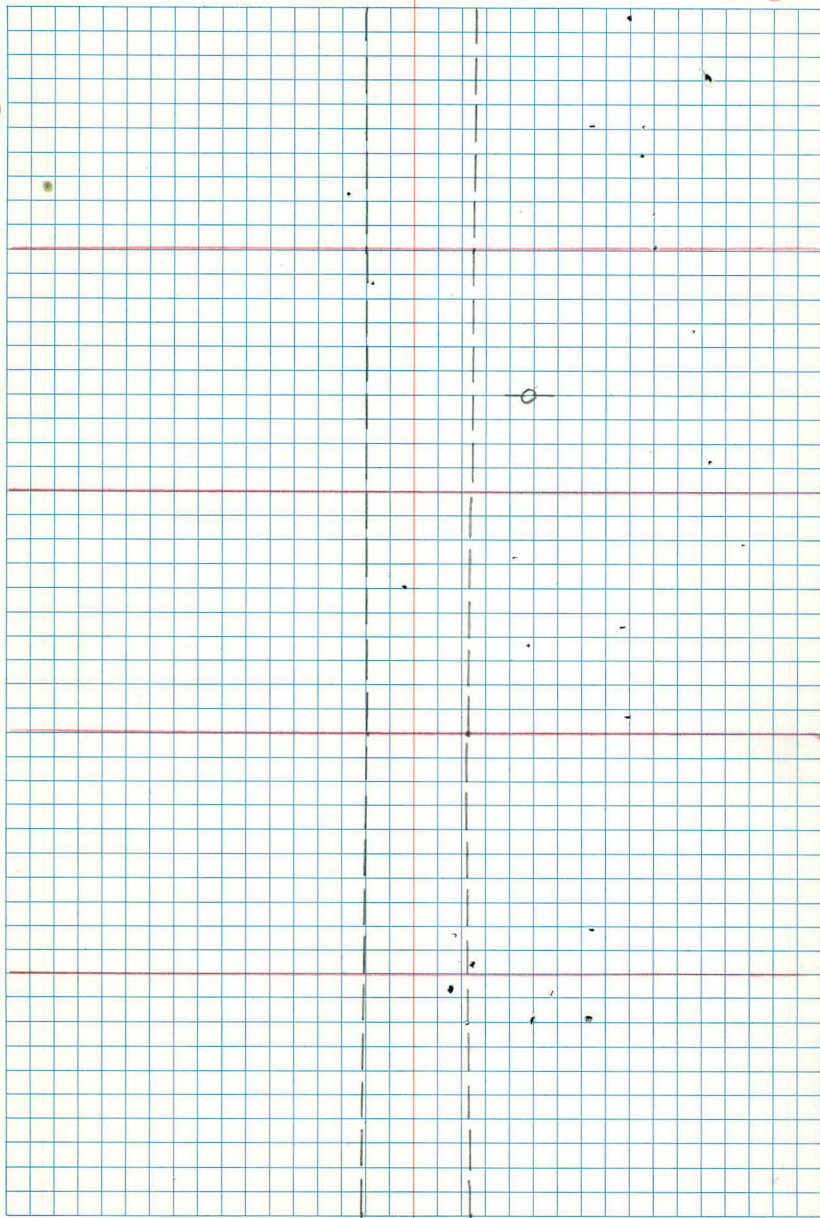
Road
9.5 11.5

1

FK
LPD
DS

June 3, 1977

T-3



LT RT

6

Road
10 13

Fe
35

+66 NW Cor Ho
72

+89 7" Maple
47

+66 2" Fl. Almond
45

+75 1" P
40

+44 B Fe
36

+42 SW Cor Ho
72

+33 10' EE Ent 15" x 20" CM
27

+23 E Fe
36

+24 6" Birch
42

+104 18" Coll
37

+108 3" P
40

5

Road
10 13

Fe
36

+91 20" Coll
34

+94 PP
25

+88 B. Fe
36

+90 1" P
40

+74 13' Ent 12" x 20" CM
25 Bit

+54 1" P
37

+47 1" P
37

+18 4" Coll
28

+15 5" Coll
33

4

10 12.5

+11 5" Coll
35

+94 WE 24" CM
21

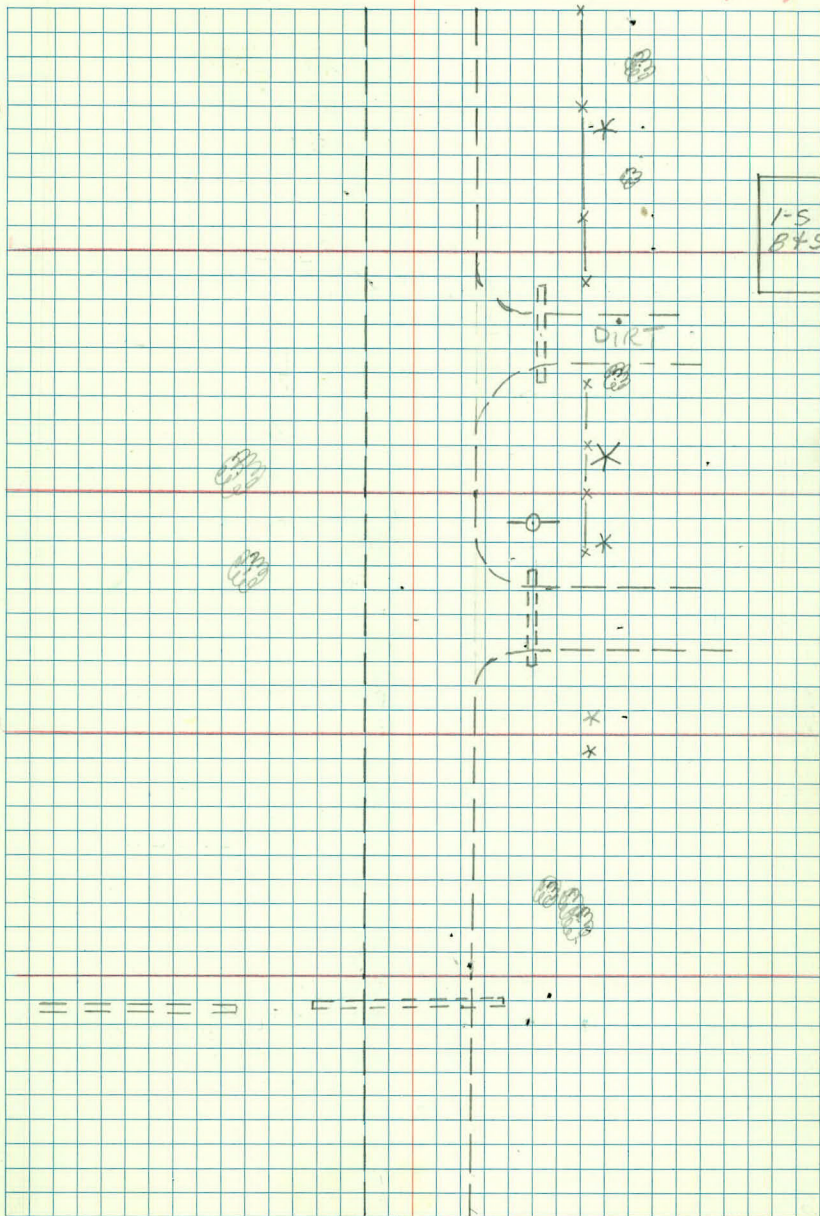
+95 EE 24" CM
19

+93 EE 20" Cast Iron
37 Culvert

FK
LPD
DS

June 3, 1977

T-4



LT. RT.

+23 $\frac{GP}{20}$

+18 $\frac{NW Cor Ho}{61}$

+23 $\frac{PP}{26}$

Road
11 13

+92 $\frac{3' Walk}{33}$

+91 $\frac{Fe Cor}{33-33}$

+95 $\frac{Fe Cor}{53-81}$

+62 $\frac{2'M}{34}$

+41 $\frac{SW Cor Ho}{63}$

+16 $\frac{2'M}{34}$

Road
10 12

Fe
33

+97 $\frac{ER}{12}$

+89 $\frac{Fe Cor}{33}$

+73 $\frac{ER}{37}$

+82 $\frac{POR}{20}$

+34 $\frac{GP}{19}$

+47 $\frac{ER}{36}$

+27 $\frac{NE 15' \times 20' cu}{25}$ No Ent

+34 $\frac{PP}{25}$

+40 $\frac{POR}{21}$

+20 $\frac{5' Asl}{47}$

+23 $\frac{BR}{12}$

+24 $\frac{Fe Cor}{35}$

Road
10 12

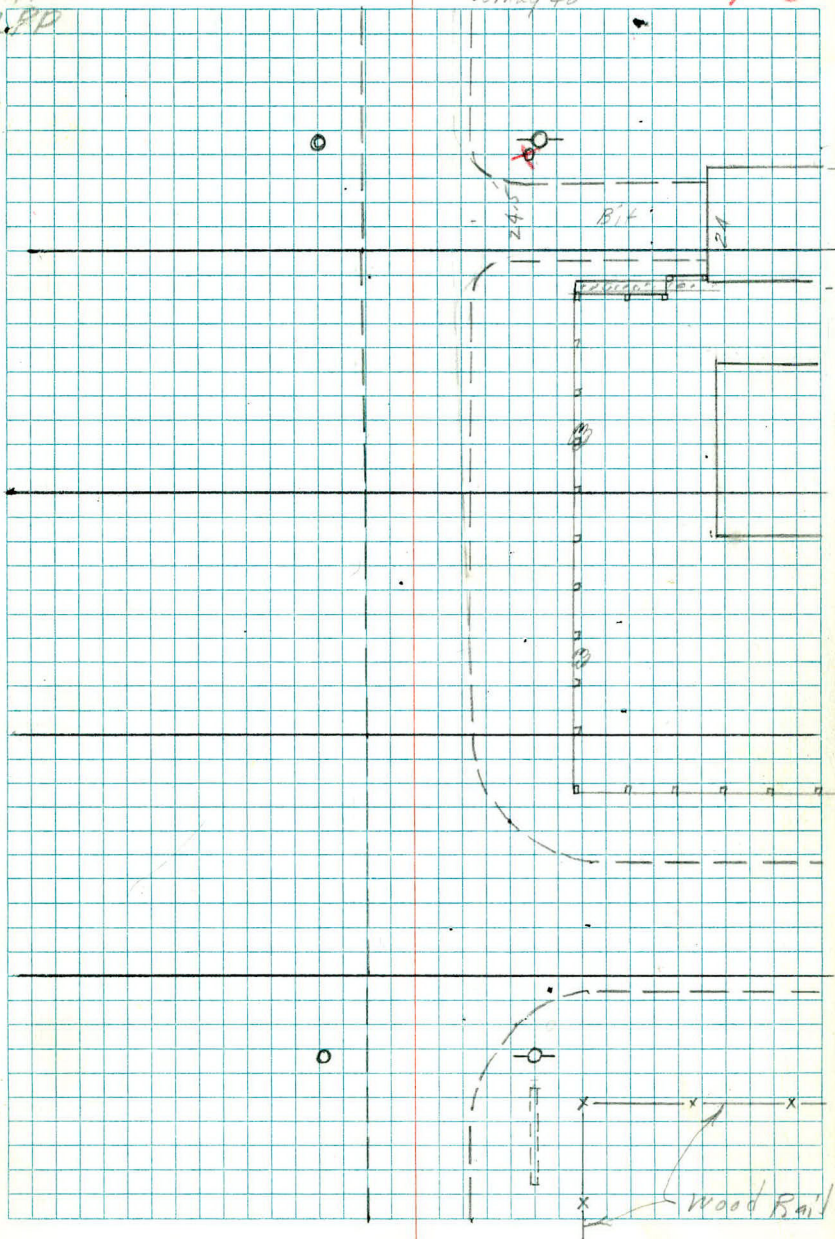
+07 $\frac{SE 15' \times 20' cu}{25}$

FK
DS
KP
LPP

RG
JA
DS

Dec. 21, 1972
Mar. 24, 1977
Windy 40°

T-5



11

✓
Road
10 12

ER
+20 13
✓ +06 23
Arch
+20 27

10

Road
11 12 40

Hyd
+09 48
BR + Bag Bit Curb
34
WSO
+95 38

+97 possible

✓
Under ground

MT (Sanitary)
+86 68
ER + Bag Bit Curb
+71 32
BR
+52 13
POR
+63 23

✓
Road
12 13

~~9~~
9

SW Cor Conc Ent (20')
+82 26

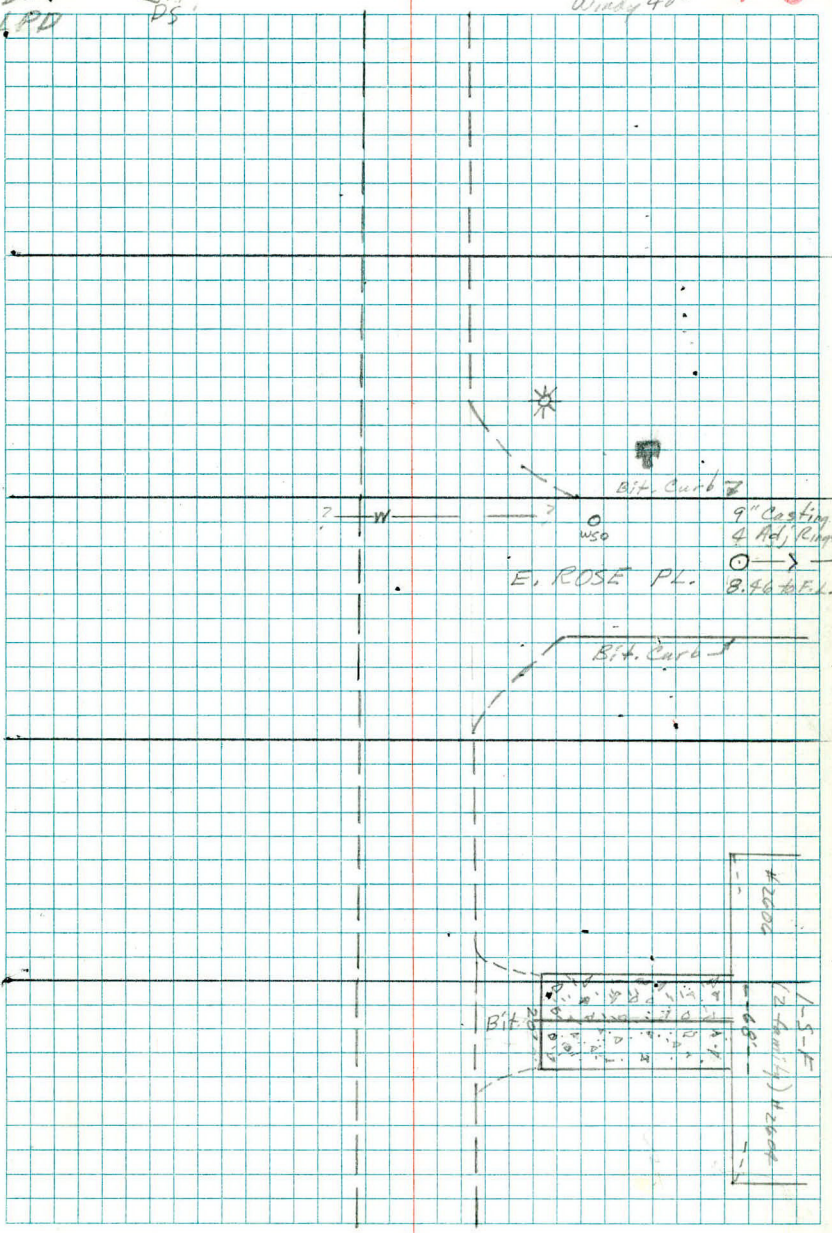
8+50

SW Cor Ho #2604*-2606
+58 67

RG
JA
DS

Mar 24, 1978
Windy 40°

T-6



Q +15.35
CIMONT

13

✓
Road
22

✓
Road
39

✓
+77 $\frac{BR}{12}$

✓
+88 $\frac{PP}{26}$

✓
+96 $\frac{MH}{2}$

✓
+74 $\frac{APLT}{30}$

✓
+91 $\frac{POR}{21}$

✓
+67 $\frac{BR}{13}$

✓
+75 $\frac{6"CE}{37}$

✓
+34 $\frac{STP}{31}$

✓
+35 $\frac{STP}{28}$

✓
+35 $\frac{STP}{25}$

✓
+26 $\frac{STP}{23}$

✓
+106 to +50 17-6 "Locust
24-60 Trees

12

✓
Road
12 13

✓
+104 $\frac{STP}{29}$

✓
+101 $\frac{STP}{24}$

✓
+73 $\frac{14"CE}{48}$

✓
+49 $\frac{PP}{27}$
Tel Conn
+49 21

✓
+51 ~~Tell Conn Post~~
20

✓
+24 $\frac{Quad 8" Elm}{51}$

✓
+108 $\frac{Trip 10" Cott}{62}$

✓
+120 $\frac{8" Willow}{63}$

11

✓
+107 $\frac{12" Willow}{57}$

Dec. 21, 1972

T-7

FK
DS
K.P.
J.P.D.

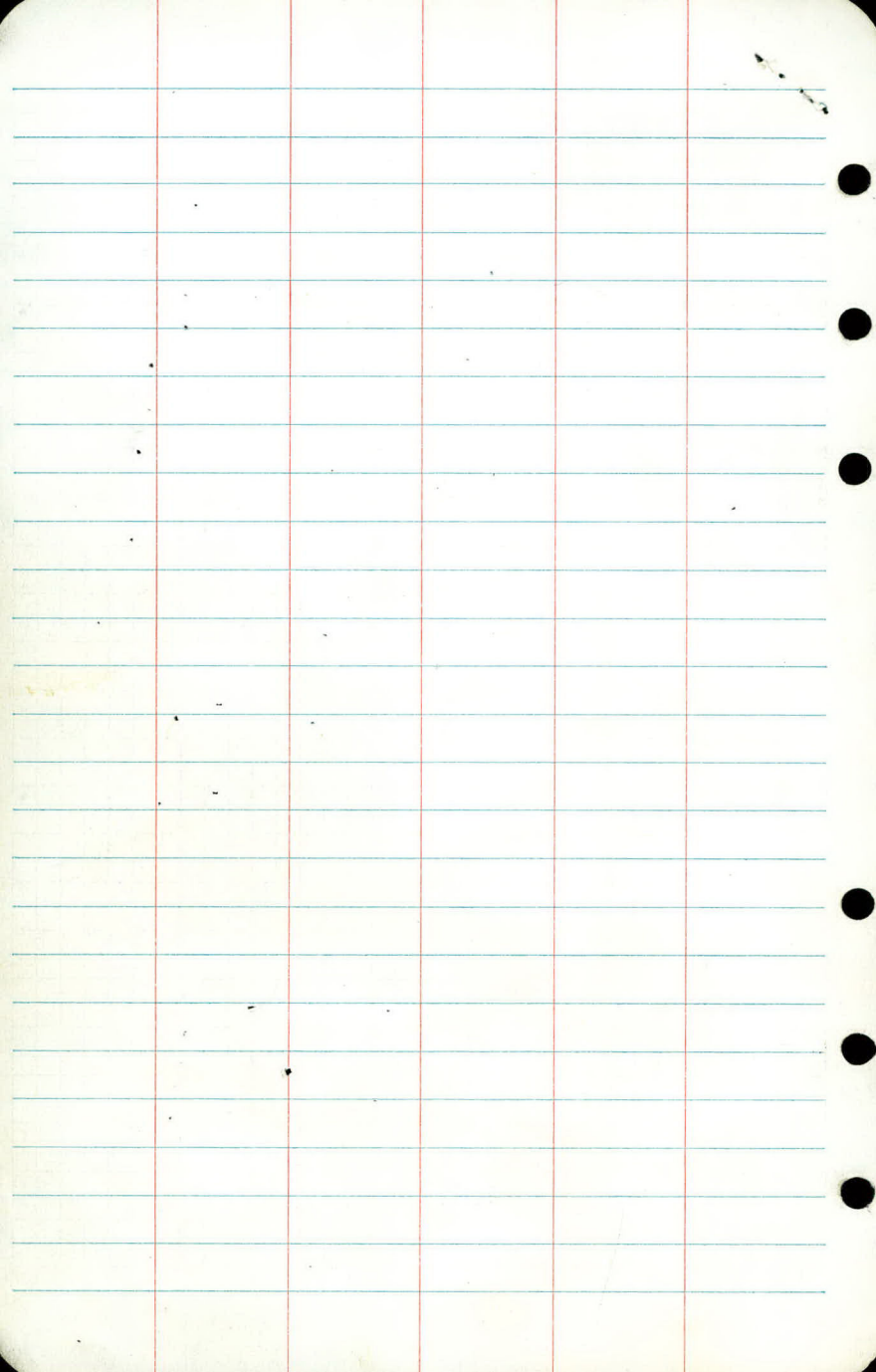
Old Co. Rd "C"

MH

10-6"

Locust
Trees

II



KG
JA
DS

Mar 24, 1971
Windy 40°

Profile Grades

of

Jackson St.

from

Dement to Old Co Rd C

Sta	+	π	-	Elev
BM	10.23	921.18		910.95
0+00			0.40	920.78
0+00			4.42	916.76
+13			4.6	916.58
+50			6.5	914.68
1+00			8.4	912.78
+50			9.7	911.48
TP	4.85	915.36	10.67	910.51
2+50			5.0	910.36
3			5.0	910.36
+50			4.8	910.56
4			4.4	910.96
+50			3.7	911.66
TP	12.04	924.85	2.55	912.81
5+50			10.6	914.25
6			8.5	916.35
+50			6.4	918.45
+60			6.0	918.85
7			3.9	920.95

R.G.
J.A.
D.S.

MARCH 24, 1977
CLR Windy 40°

2

Top Hyd. Sec. of Int. Demant & Jackson

Top E. rail Lt 50'

rim MH Sta 0+00

2

2

2

2

2 Sta 2+00

2

2

2

2

2

2 Sta 5+00

2

2

2

2 Lake St.

Sta	+	π	-	Elev.
-----	---	-------	---	-------

		924.85		
--	--	--------	--	--

7+50			1.3	923.55
------	--	--	-----	--------

TP	12.15	933.94	3.06	921.79
----	-------	--------	------	--------

8			8.1	925.84
---	--	--	-----	--------

+50			6.4	927.54
-----	--	--	-----	--------

9			4.6	929.34
---	--	--	-----	--------

+50			3.4	930.54
-----	--	--	-----	--------

10			2.2	931.74
----	--	--	-----	--------

BM			1.69	932.25	932.31
----	--	--	------	--------	--------

RG
JA
DS

Mar. 24, 1977
Windy 40° 3

£

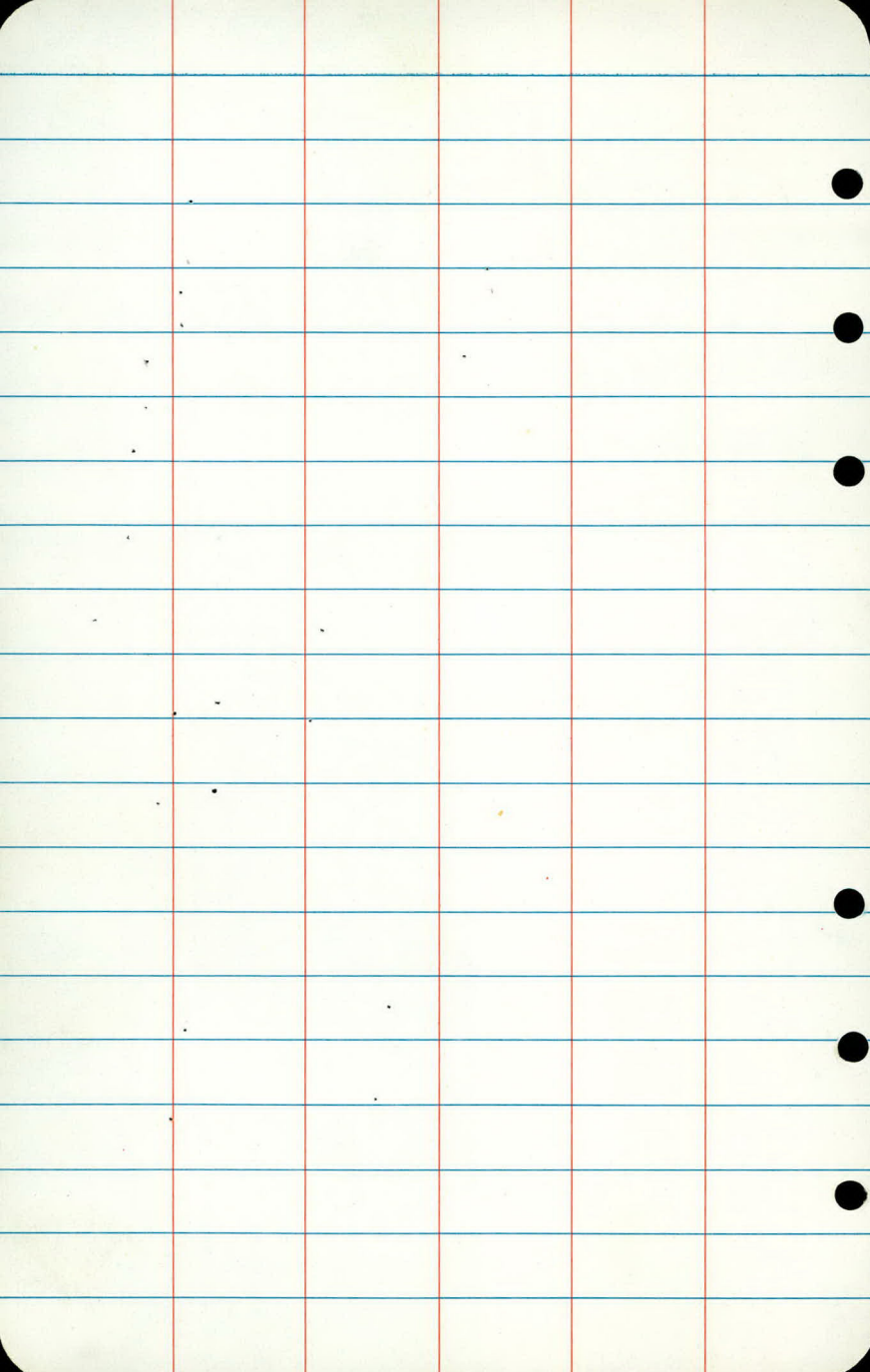
rock

£

£

£

Top Hyd Rt Sta 10+09



J.A.
LPD
DS.

JUNE 9, 1977
CLR 78°

1

Additional X-Sections

JACKSON ST from E Demont

to 800' North

PAGES 6

STA

B.M.

910.95

0+00

E DEMONT AVE

0+14

EDGE BIT

0+24

E Ditch Rt 41' - 100'

0+72

1+00

+50

2+00

LEAKER Rod

5+4

T.P.

921.78

2+50

3+00

T.P.

922.89

3+50

194



Jackson

CI 906.84

904.97

904.97

* 906.04

* Existing Ground
At Property Line

484-6077

CLIFF

C.W. HOWLE
37-1041-M-2

J.A.
L.P.D.
D.S.

4

5

June 9, 1977
Rt Cldy 75°

3

EAST RAIL

2+00

✓ 20.2	✓ 11.0	✓ 08.2	✓ 09.7	✓ 10.1	✓ 10.3	✓ 09.7	✓ 09.3	✓ 03.9	✓ 03.1	✓ 03.1
(59	40	24	14	9		12	15	27	57	100

WATER

✓ EAST RAIL
22.18
76

✓ WEST RAIL
22.17
81

✓ 20.2	✓ 08.9	✓ 06.9	✓ 09.8	✓ 10.2	✓ 10.4	✓ 09.9	✓ 09.3	✓ 04.5	✓ 03.3	✓ 03.0
(63	39	24	13	10		12	15	27	76	100

✓ EAST RAIL
22.55
78

✓ WEST RAIL
22.48
83

TOP RAIL

3+25±

✓ 13.0	✓ 07.0	✓ 09.4	✓ 10.2	✓ 10.5	✓ 10.1	✓ 09.7	✓ 05.3	✓ 04.0	✓ 03.7
32	26	15	10		11	15	27	60	100

✓ EAST RAIL
21.6
62

✓ EAST RAIL
23.0
81

✓ WEST RAIL
22.96
86

✓ TOP 20" C.I.
07.0
37

✓ F.L. 24" CMP
04.7 10.5
24 13

✓ 10.7 11.0 10.4
11 12

✓ F.L. CMP
05.08 05.1
20 53

✓ 05.2
100

✓ EAST RAIL
22.6
68

✓ EAST RAIL
23.22
83

✓ WEST RAIL
23.16
88

LENKER Rod

Sta

4+50

B.M.

911.50

T.P.

912.79

+69

910.01

+89

910.86

+79

E Ent Rt B.t

5+00

911.50

+24

912.28

+45

911.68

+34

Ent Rt

Dir

T.P.

912.79

J.A.
LFD
D.S.

L+

June 8, 1977
Cldy 75°
R+

4

09.4 48	08.7 26 E. RAIL	11.1 13 W. RAIL	11.4 10	11.7	11.1 13	10.8 16	08.1 21	07.8 77	07.6 100
22.8 74	23.67 85	23.67 90							

SPIKE PP 4180 LT

Side Shot 5100 E

Top 15" CMP. So End.

Top 15" CMP No End

12.3	11.9 13	11.1 35	10.0 54	09.1 73	08.1 100
------	------------	------------	------------	------------	-------------

11.2 49	10.6 23	12.4 15	12.8 10	12.8	12.4 13	12.4 16	10.4 23	11.2 40	09.2 65
------------	------------	------------	------------	------	------------	------------	------------	------------	------------

23.6 75	23.2 83	24.10 88	24.04 93	08.2 100
		EAST RAIL	WEST RAIL	

Top 15" CMP 27' RT So End

File 15" CMP 27' RT No End

13.9	13.5 12	13.1 17	12.8 42	09.9 71
------	------------	------------	------------	------------

SH 5100

Sta

LENKER Rod

5+50

6+00

+07

915.45

+28

916.02

+44

Gutter Rt

+59

E LAKE St

LT

2

RT

June 10, 1977
Windy 70°

5

CTR

4' Ditch

14.9

31

13.2

21

13.9

15

14.3

11

14.4

14.0

13

13.5

20

12.0

27

13.7

39

BLdg

12.9

66

15.5

53

17.3

63

24.5

78

23.6

85

EAST
RAIL

24.52

91

WEST
RAIL

24.41

96

11.7

53

11.2

32

CTR
4' Ditch

15.5

19

16.0

15

16.3

9

14.4

15.9

15

15.8

19

14.1

27

15.4

36

15.4

64

25.4

78

23.9

88

EAST
RAIL

24.87

92

WEST
RAIL

24.75

97

15.1

100

Top 15" CMP RT 25' So End

Top 15" CMP RT 25' No End

18.3

17.9

15

16.2

46

15.0

76

14.5

100

26.4

82

21.3

32

18.6

15

18.8

9

19.0

18.2

23

15.8

63

14.59

97

MH

✓

24.5

91

EAST
RAIL

25.40

97

WEST
RAIL

25.31

102

LENKER Rod

Sta

6+71

Gutter Rt

7+00

+50

T.P.

920.92

B.M.

932.29

932.31

J.A.
LPD
O.S.

Lt

June 10, 1977
Rt Windy 70°

6

✓
19.5 18.5 15.9 14.6
23 58 100

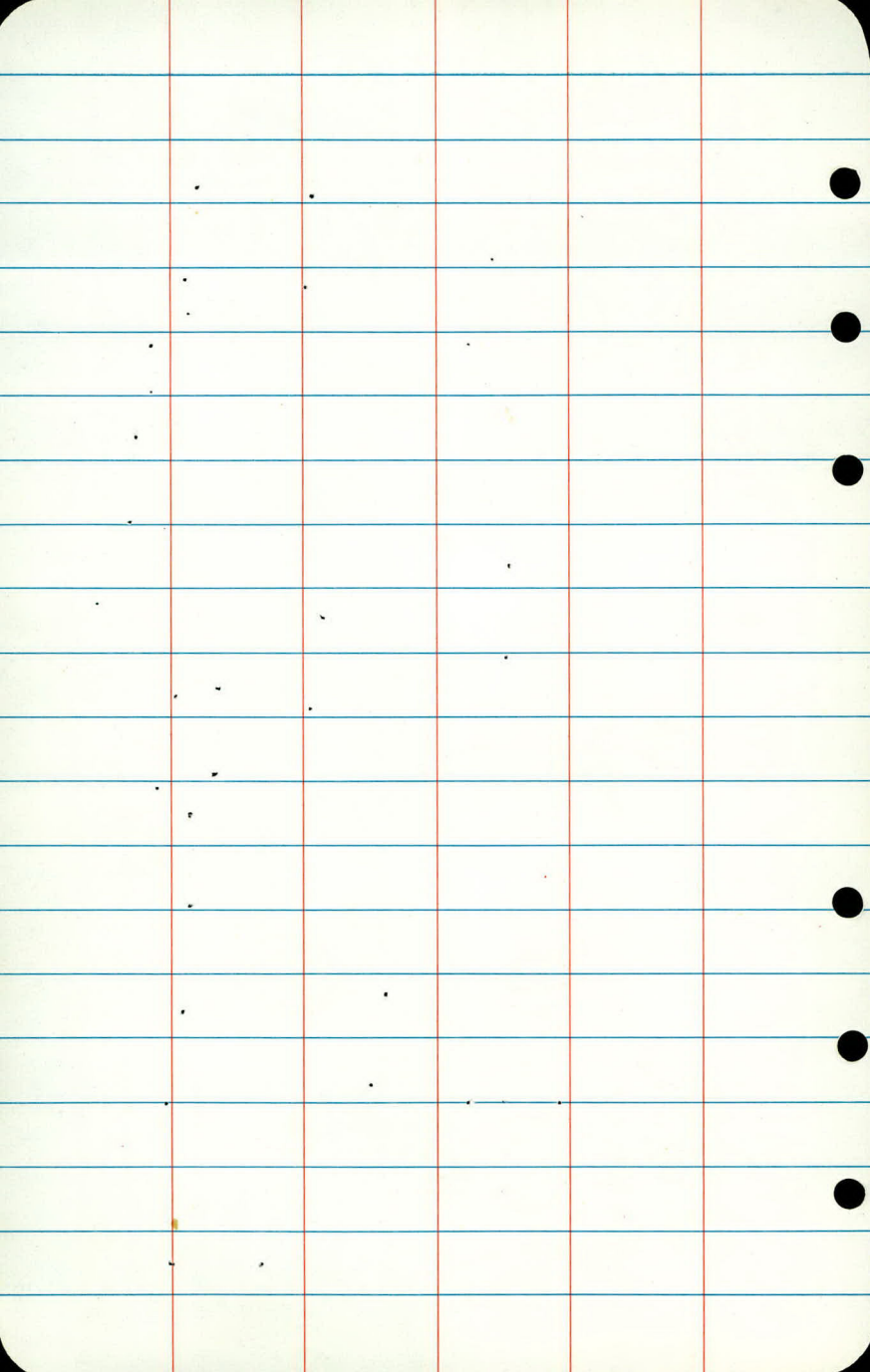
✓
21.5 20.1 20.6 20.9 20.9 20.7 20.1 19.4 18.4
39 21 14 9 13 33 45 72

✓
23.0 27.0 24.8 25.79 25.70 17.4
57 82 91 97 102 100

✓
24.4 24.0 22.8 23.5 23.6 23.6 23.3 23.0 23.9
60 31 19 13 9 13 32 58

✓
26.0 28.0 24.1 26.12 25.95
72 83 92 99 104
7:00 PM

Top Hyd Rt STA 10409



KP
DS

11 JAN. 1973 1.
CLEAR +5°

LPD
GA

JACKSON ST.

DEMONT TO CO. RD. C
X-SECTIONS

STA	+	π	-	ELEV.
BM	0.96	933.27		(932.31)
5			20.5	12.8
+50			18.9	14.4
6			16.9	16.4
+50			14.7	18.6
7			12.3	21.0
+50			9.6	23.7
8			7.4	25.9
+50			5.8	27.5
TP	15.10	944.53	3.84	929.43
9+00				
+50				
				936.67

KP

LT

12 JAN 1973 2.
CLEAR RT 410°

TOP HYD RT 10+0.9

TOP PK & STA 9+00

36.8	36.3 5.3	30.2	29.1	29.2	29.4	29.3	29.4	29.1	30.3
7.7	9.2	14.3	15.4	15.3	15.1	15.2	15.4	14.8	14.2
50	33	25	18	11		11	18	33	50
36.4	35.7	30.6	30.7	30.4	30.6	30.4	30.1	30.5	30.4
8.1	8.8	13.9	14.2	14.1	13.9	14.1	14.4	14.0	13.8
50	33	25	20	11		11	19	34	50

C

302463

38' LT

STA	+	π	-	ELEV.
-----	---	-------	---	-------

	.	944.53		
--	---	--------	--	--

10+00	.			
-------	---	--	--	--

+50	.			
-----	---	--	--	--

11+00	.			
-------	---	--	--	--

+50	.			
-----	---	--	--	--

12+00	.			
-------	---	--	--	--

+50	.			
-----	---	--	--	--

LT

E

12

JAN
RT

1973 3.

36.7 35.9 31.3 31.4 31.7 31.5 31.2 30.1

7.8 8.6 13.2 13.1 12.8 13.0 13.4 14.4

50 34 23 11 11 27 50

35.1 33.5 32.1 32.9 33.0 32.7 32.1 31.3

9.4 11.0 12.4 11.6 11.5 11.8 12.4 13.2

50 39 22 11 11 22 50

33.6 32.9 32.4 33.6 33.7 33.4 32.0 30.4 30.1

10.9 11.6 12.1 10.9 10.8 11.1 12.5 14.1 14.4

50 41 24 11 11 21 33 50

32.8 33.4 35.0 35.1 34.8 32.4 31.2

11.7 11.1 9.5 9.4 9.7 12.1 13.3

50 23 12 12 24 50

34.2 34.7 37.2 37.6 37.2 34.9 34.2

10.3 9.8 7.3 6.9 7.3 9.6 10.3

50 28 12 12 32 50

38.4 37.9 40.9 41.6 41.2 40.6 35.5 34.2 33.0

6.1 4.8 3.6 2.9 3.3 3.9 9.0 10.3 11.5

50 29 12 12 16 28 38 50

STA	+	π	-	ELEV.
-----	---	-------	---	-------

		944,53		
--	--	--------	--	--

12+81.				
--------	--	--	--	--

BM				
----	--	--	--	--

	2.03	^{42.50} 944,50	(942,54)
--	------	----------------------------	----------

LT

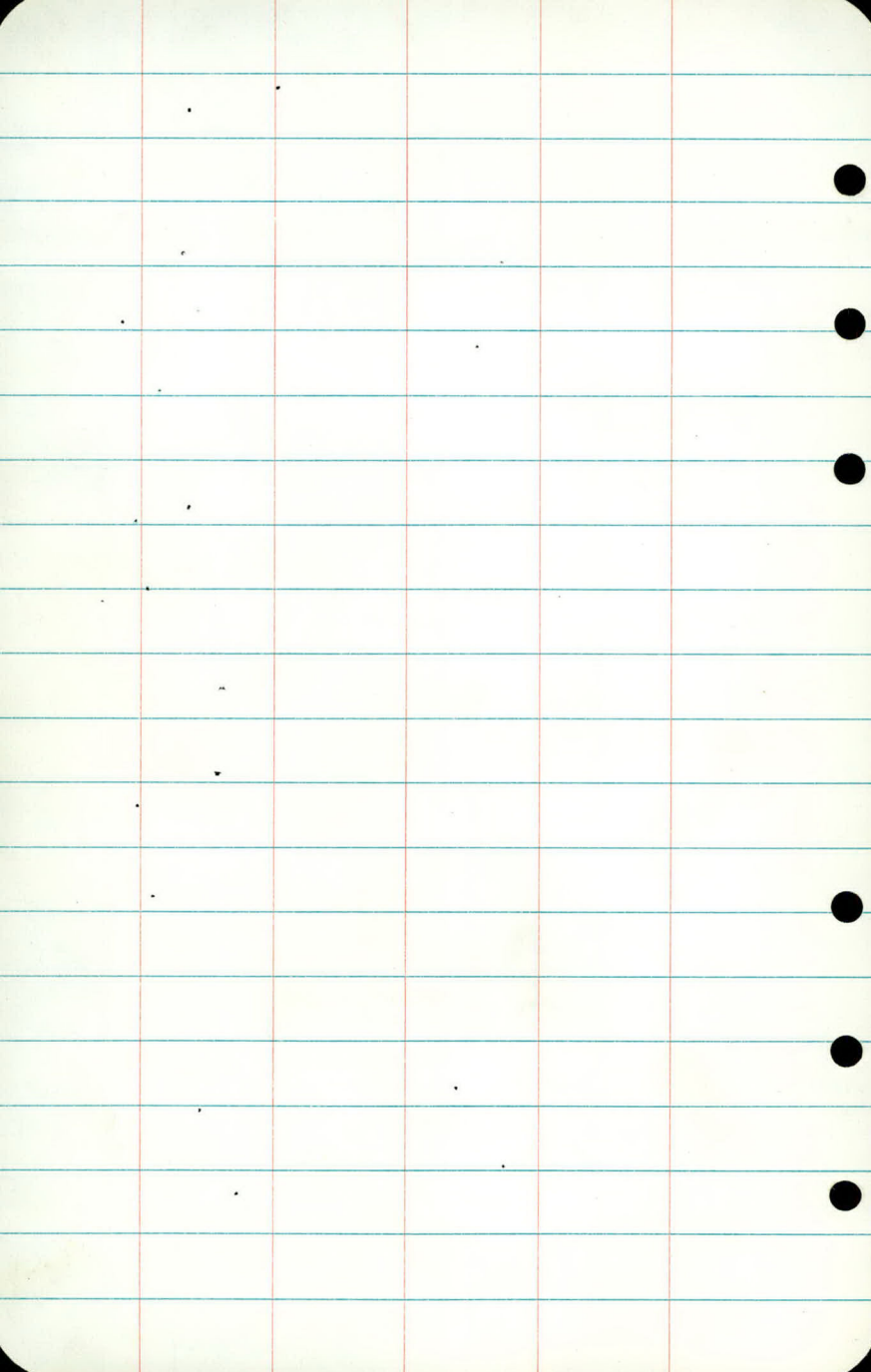
12 JAN 1973

RT

4

A2.2	A2.1	AA.1	AA.0	A3.3	A1.1	.36 ⁹	3A.0
2.3	2.4	0.4	0.5	1.2	3.4	7.6	10.5
50	29	11		11	20	31	50

SPIKE IN PP SE COR JACKSON & C



J.A.
D.S.
L.P.D.
B.W.

MAR 24, 1977
Windy 40°

4

Additional X-sections

of

JACKSON ST

0+00 = E DEMONT AVE

STA

ELEV

B.M.

932.31

932.31

8+00

Ent Rt Bt

8+50

8+92

9+00

9+50

J.A.
D.S.
LFD
B.W.

4

MAR 24, 1977
Windy 40°

5

Top Hyd R+ STA 10+09

							Conc	Bldg
27.5	24.8	25.5	25.8	25.9	25.5	25.8	26.09	26.09
31	22	14	10		13	33	60	63

↓ 28.0 29.4 31.1 30.2 24.7
50 72 77 83 93 100

Top East
RAIL
26.65

34.1	32.4	31.2	27.4	27.7	27.7	27.6	27.5	29.2	29.7
79	51	29	20	10		13	24	44	50

Top East
RAIL

25.1 26.97
96 103

29.2	28.9	29.51	29.40	30.78	31.10
14	27	41	50	60	

Conc

GAR

37.1	35.8	28.8	29.4	29.4	29.2	29.70	30.52	31.12
57	34	21	9		12	26	31	63

Conc

GAR

↓ 38.1 25.5 27.36
76 100 108

Top East
RAIL

38.7	35.8	29.6	30.7	30.7	30.5	30.4	30.7
77	32	20	10		12	29	50

Top East
RAIL
27.65

25.8 27.65
100 108

LENKER Rod

Sta

9+71

+86

10+00

10+12

10+15

T.P.

933.71

J.A.
L.P.D.
D.S.
B.W.

Windy 40°

67

	B.C.	T.C.	B.C.	T.C.
31.2	30.9	30.2	30.7	29.7
	12	33	33	50

T.C.	B.C.
28.2	27.7
100	100

MH					
31.5	31.2	30.6	30.0	29.30	28.0
	13	33	50	68	100

26.0
150

	B.C.	T.C.	B.C.	T.C.
36.7	35.9	30.9	31.6	31.8
50	33	20	10	13

	T.C.	B.C.
37.7	26.2	28.03
82	103	111

TOP EAST
RAIL

	B.T.				
32.1	31.7	31.4	31.8	30.8	29.6
	17	22	31	50	75

32.2	31.8	31.8	32.6	32.2	31.6
	15	24	34	50	75

PK NAIL STA 11+00

LENKER

STA

10+50

11+00

RR
Box
+58 98

11+50

12+00

T.P.

B.M.

937.68

932.38

932.31

J.H.
L.P.D.
D.S.
B.W.

MARCH 25, 1977
Windy

7

36.8	33.7	31.8	32.9	33.0	32.7	32.1	31.5	31.8
64	44	23	11		12	22	26	50

TOP EAST
RAIL

38.0	26.5	28.31
84	105	113

37.1	33.5	32.2	33.6	33.7	33.3	32.8	30.9	30.1	30.9
85	45	24	10		12	19	27	50	100

TOP EAST
RAIL

26.7	28.45
106	114

33.8	33.0	32.7	34.9	35.1	34.9	32.7	31.3	30.2	29.4
86	54	27	11		13	24	50	75	100

TOP EAST
RAIL

31.5	27.1	28.75
100	111	119

35.2	34.2	36.7	37.4	37.7	37.3	37.0	34.7	34.0	33.1
62	34	18	11		12	17	25	43	60

TOP EAST
RAIL

38.6	27.3	29.09
96	114	122

31.1
100

PK RAIL STA 12+00

Top Hyd 10+09 RT (side shot)

LENKER

Sta

12+50

12+78

B.M.

932.38

932.31

J.A.
LPD
DS.
B.W

MARCH 25, 1971
Windy 40°

8

40.0	37.5	40.8	41.1	41.3	41.2	41.0	35.2	32.6	29.0
62	27	15	11		12	16	28	56	83

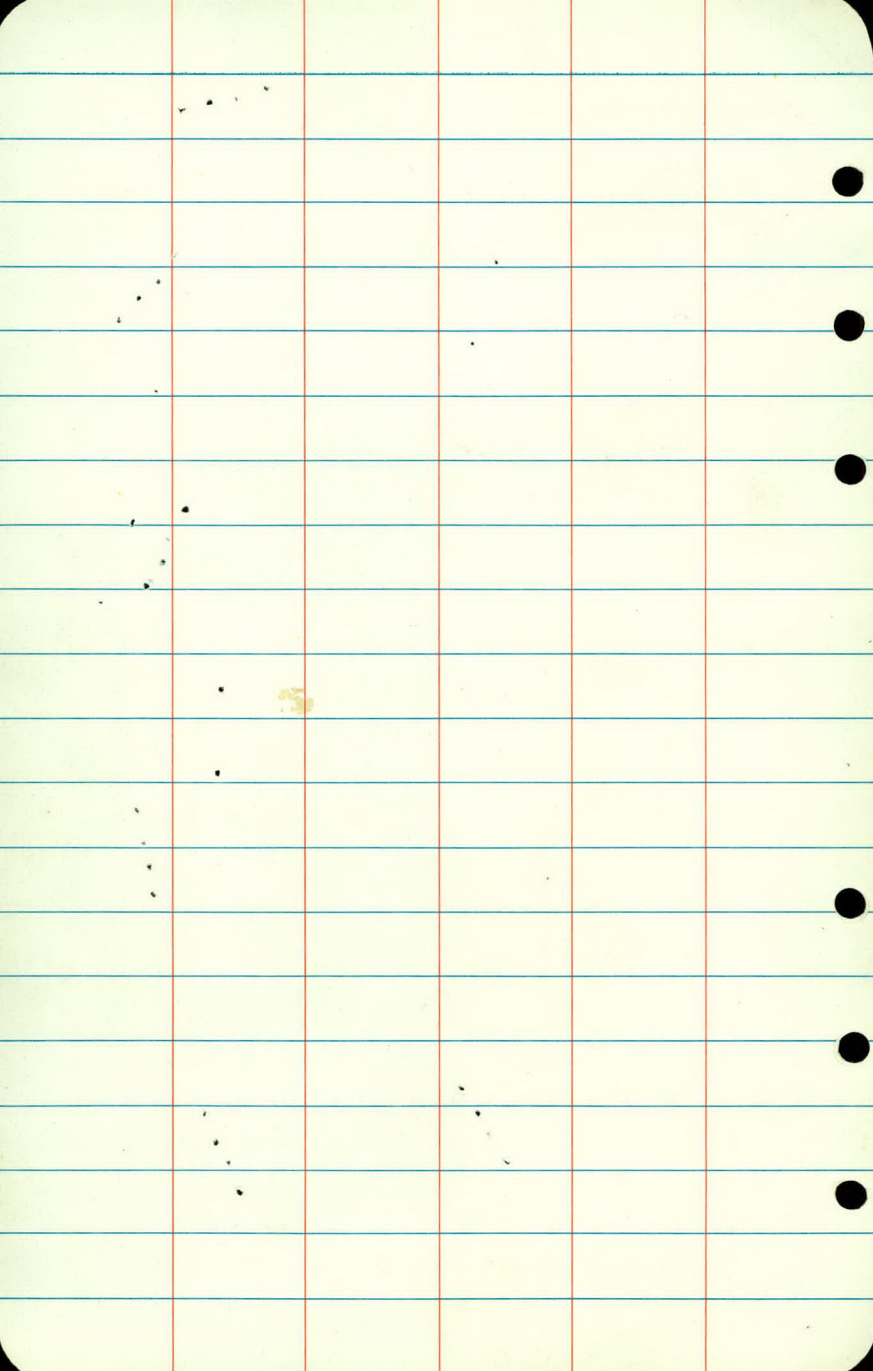
Top EAST
RAIL

40.6	28.2	29.3.
92	115	122

39.9	42.9	41.7	41.9	44.1	43.9	43.1	42.3	36.2	33.8	30.8
96	78	48	22	11		14	18	32	52	100

28.5
115

Top Hyd 10+09 Rt



28 FEB 1978

1.

KAP
DS
ML

CORD C AT JACKSON ELEVATIONS

STA	PG	PGR	ROD	CUT	
BM	1.06	941.36			940.30
303	32.24	9.12	7.85	01.27	
SEWER	24.00	17.36	8.31	09.05	
BM			6.79	934.57	934.52

LT

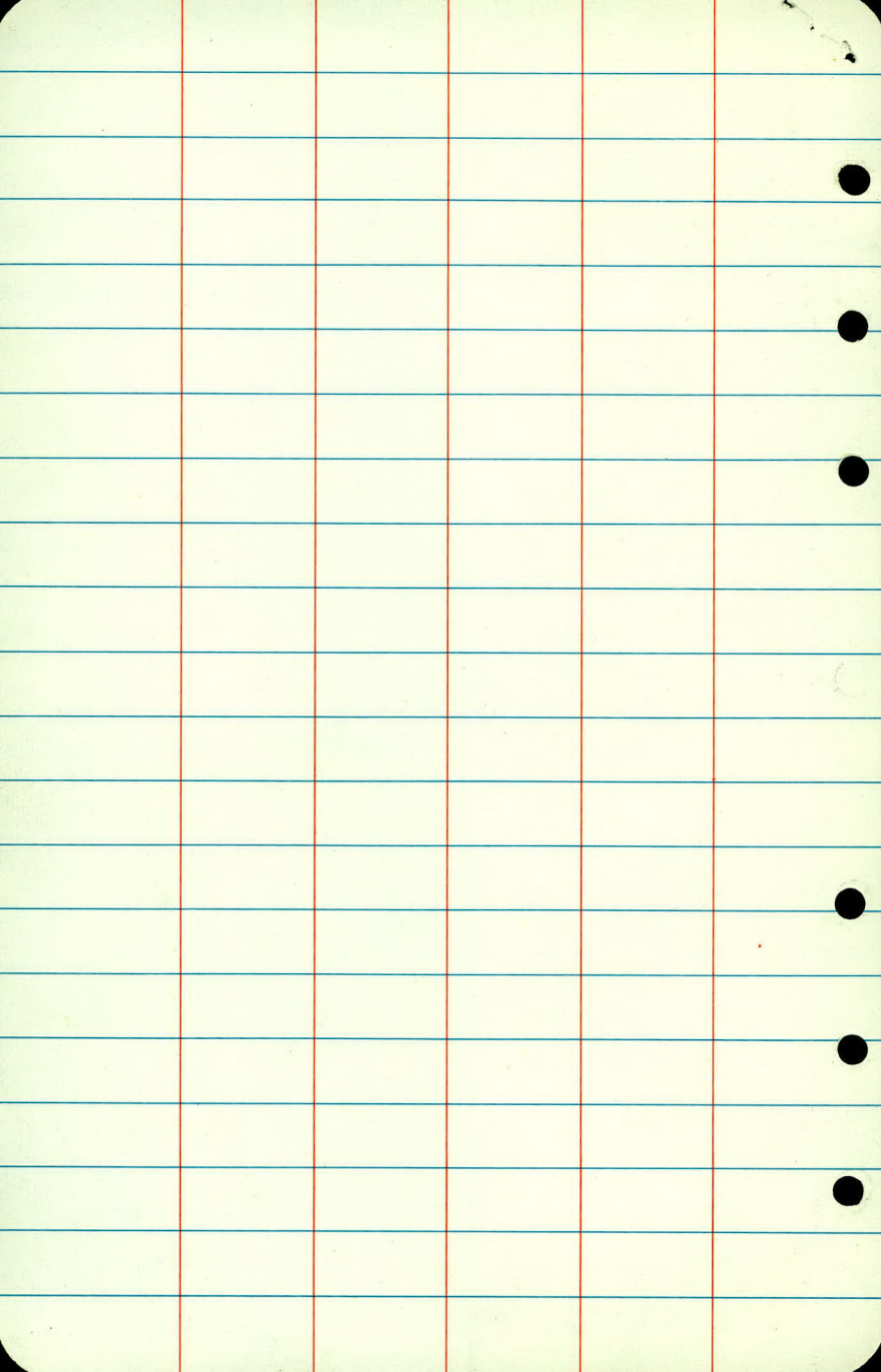
28 FEB. 1978
RT

2.

TOP PK & STA 303+00

TOP PK & STA 304+00

450'



R.G.
J.A.
LPD

MARCH 28, 1977
Cldy 40°

11

DS
BW

Alignment Demont

Ave From Rice St to

600'± East of Jackson St

Sta	Point	ΔLt	ΔRt
30+69.50	P.O.T.		
24+13.0	P.I.	$0^{\circ} 10'$	
23+47.17	P.O.T.		
0+00	POT		

R.G.
J.A.
LPD
DS
B.W.

MARCH 28, 1977

12

PROP COR. --- 33.00' --- IRON

JACKSON ST

MH

89° 28'

AVE

500 LINE

DE MONT

Co Rd "C"

MONT

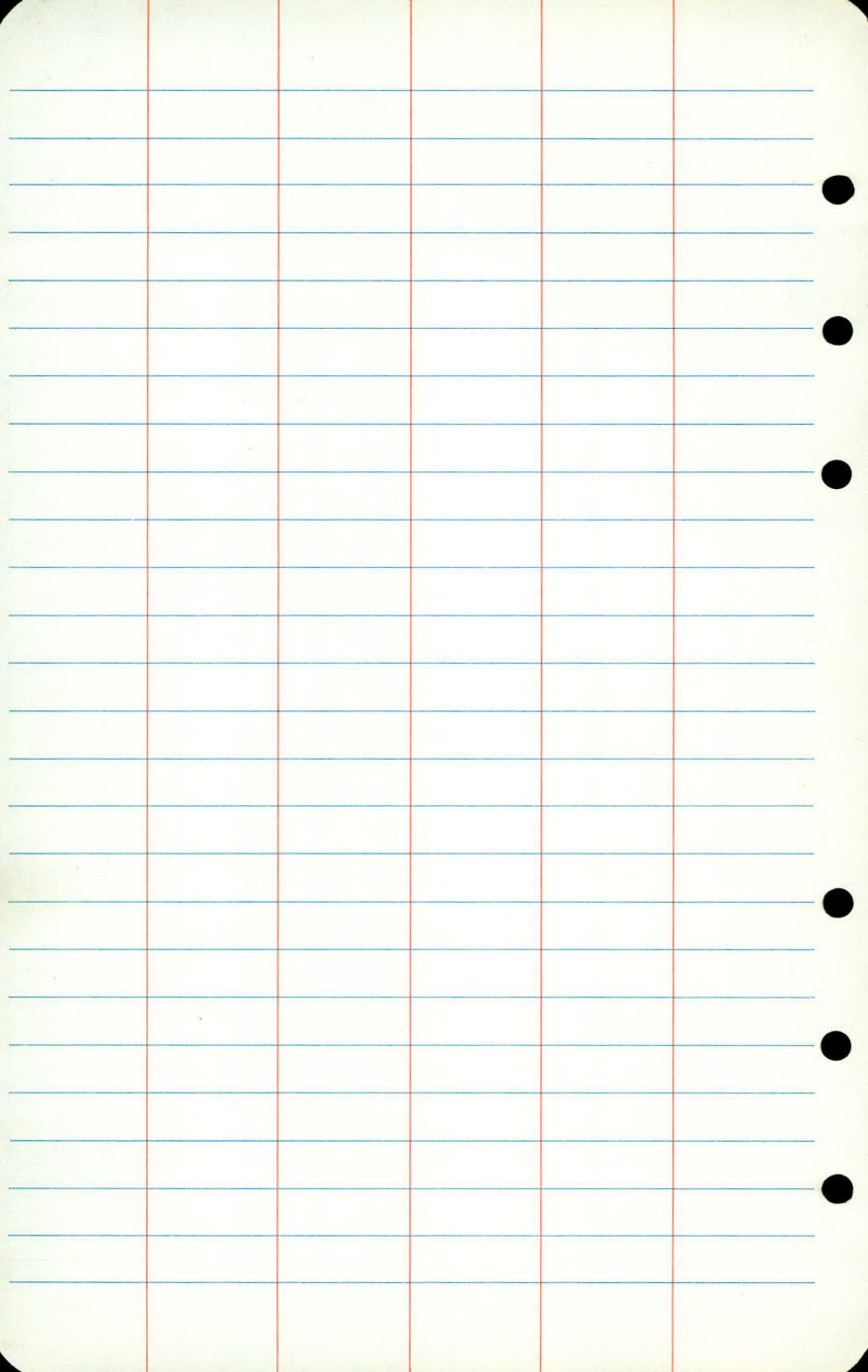
1318.9

SPIKE

1318.9

Co Rd "B"

MONT



TOPOGRAPHY

DEMONT AVE FROM

STARK ST to 600' East of

JACKSON ST.

18 +50

LH Rd R Rt

+46 Fe Curb
41-5518
+91 Bt
13-22Rd
13Rd
10Fe
42+89 12" CMP + Apron Arc
20+82 Bt
29+75 E. Curb
29+71 BR
48+50 +58 MH
31+47 WSD
33+38 MH
43+33 POR
27+38 E. Curb
29+41 E. R.
46+22 12" Arc
21+20 B.R.
14-23+14 ARB
54+16 ARB
60+09 10" Ash
36+10 Ash
3817 2" Maple
50+09 ARB
60Rd
12+87 Pine
34+81 S.E. COR GAR
108+98 6" Ash
37Rd Fe
9 43+80 15" CMP
18+86 6" Ash
36+70 20' Ent+62 PP
24+60 15" CMP
18

+50

+48 5" ELH
43+33 6" Ash
49+08 SW COR Ho.
102+27 4" Ash
6316+00 +03 20" OAK
48Rd
13Rd
10Fe
45

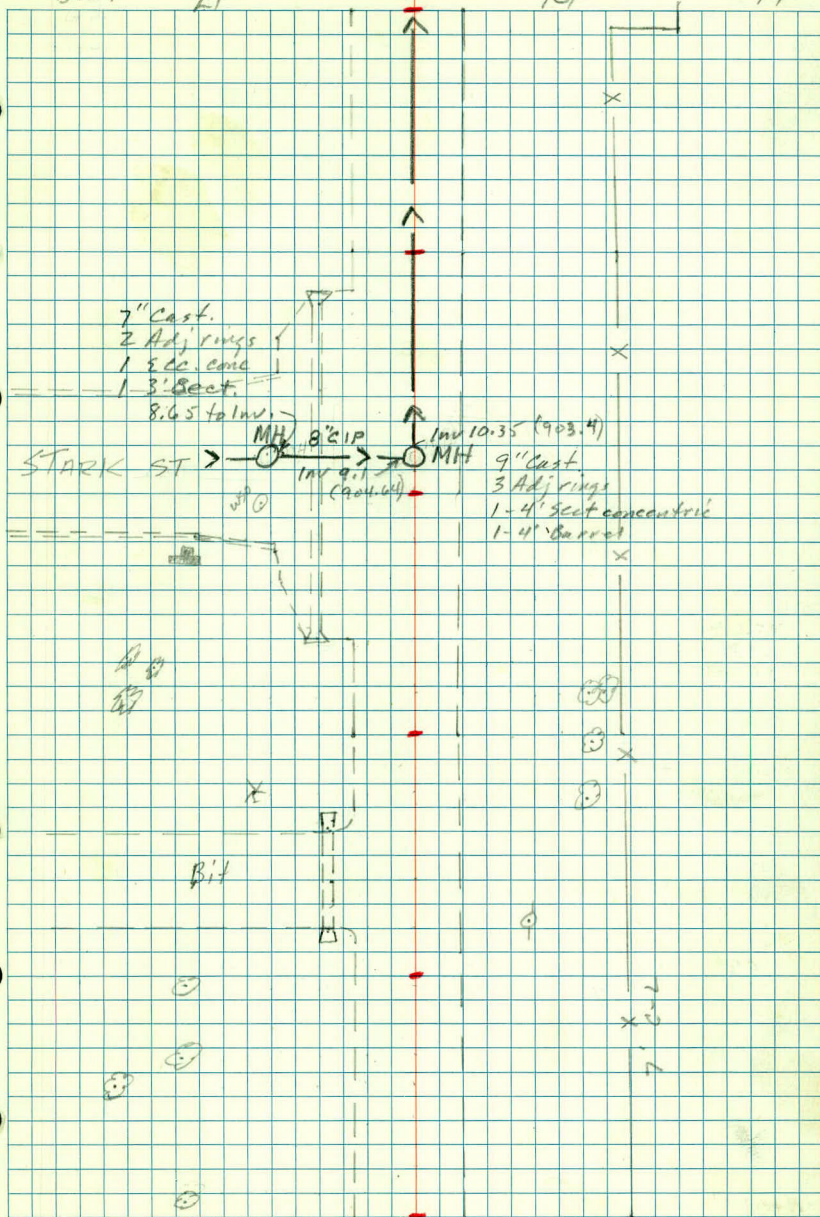
J.A.
LPD
B.W.

March 28, 1977

Lt

Rt

14



21+00

Swamp
59

Rd
13

Rd
9

3" Ash
+81 52

6" Ash
+81 49

MH
+88 1

Hoc. Rink
+88 68

PP
+83 24

4" Ash
+69 43

4" Ash
+67 48

Tw 5" Ash
+51 54

DR
+80 44-66
CB 5x5
+64 27

Hockey Rink
+35 68

DR
+30 46-66

N.W. Cor H. Rink
+19 76

4" Ash
+35 64

PP
+18 74

PP
97

20

Swamp
23

Rd
13

Rd
9

GATE
+68 58-78

4" Ash
+68 33

N.E. Cor FE
+68 53 - 200+

DR.
+68 58

+50

24" CMP
+39 21

24" CMP
+39 17

19 Ben Swamp 5" C&H
23-100+ 47

Rd
13

Rd
9

FE
54

PP
+72 24

18+50

J.A.
LPO
KG
GA
RS

Jan 19, 1977
Snow 0°

← Lt

Rt →

15

9" Casting
8 Adj. Rings
1 Eccentric Cone
10.95 to FL

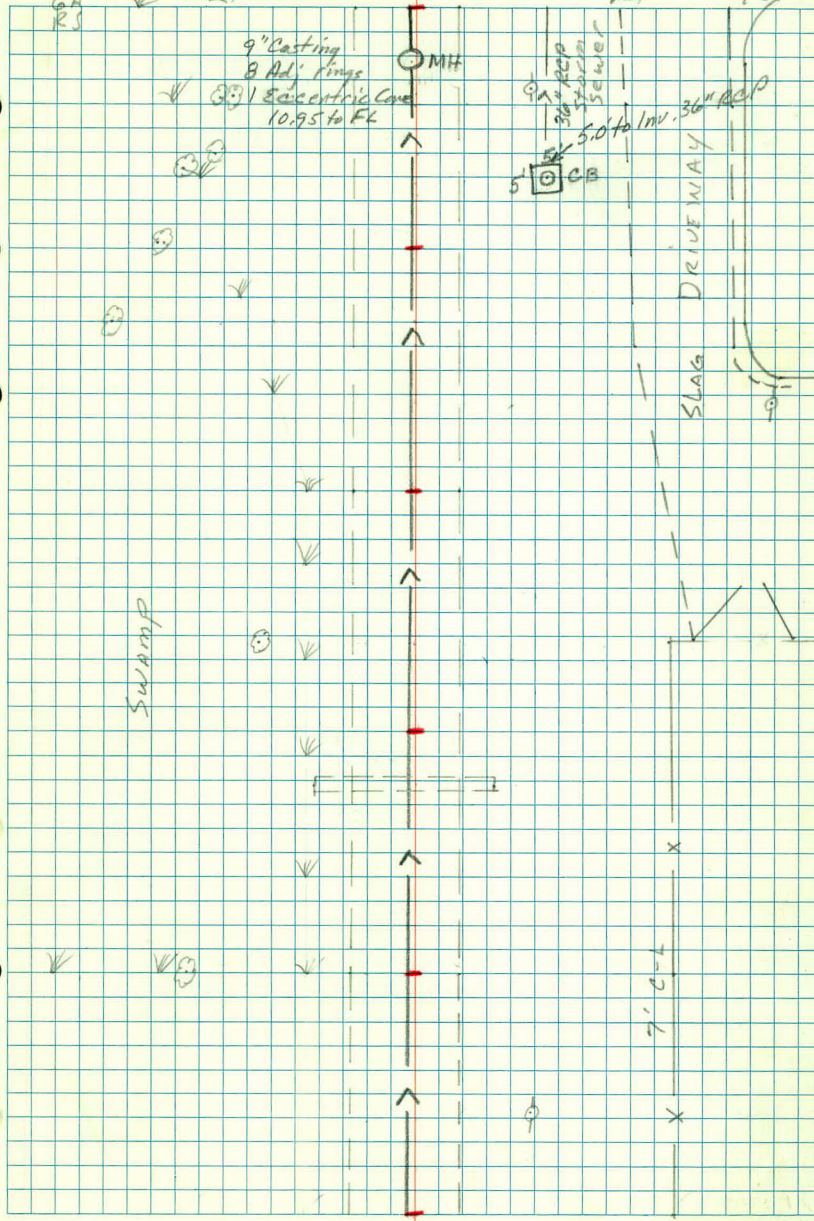
MH

36" RCP
5' CB
5.0' to Inv. 36" RCP
sewer

SLAG DRIVEWAY

Swamp

7' C-L
X
X



23 +50

Lt

$$\begin{array}{r} \text{East Rail} \\ +49 \quad \underline{9} \end{array}$$

$$\begin{array}{r} \text{West Rail} \\ +44 \quad \underline{9} \end{array}$$

$$\begin{array}{r} \text{West End 18 RCP} \\ +30 \quad \underline{124} \end{array}$$

23

Rd

13

$$\begin{array}{r} \text{MH} \\ +88 \quad \underline{29} \end{array}$$

$$\begin{array}{r} \text{RR Pole} \\ +08 \quad \underline{17} \end{array}$$

$$\begin{array}{r} \text{TEL Pole} \\ +10 \quad \underline{20} \end{array}$$

$$\begin{array}{r} \text{Core Parkins Lot} \\ +97 \quad \underline{52-200+} \end{array}$$

$$\begin{array}{r} \text{3 GAS VENTS} \\ +99 \quad \underline{34 \quad 41 \quad 49} \end{array}$$

$$\begin{array}{r} \text{P.F. Rd} \\ 25 \quad \underline{9} \end{array}$$

+50

$$\begin{array}{r} \text{MH} \\ +68 \quad \underline{28} \\ \text{Core PARKING Lot} \\ +58 \quad \underline{52} \end{array}$$

$$\begin{array}{r} \text{10" OAK} \\ +20 \quad \underline{81} \end{array}$$

$$\begin{array}{r} \text{38' Ent} \\ +27 \quad \underline{81} \\ \text{East Edge H. RINK} \\ +13 \quad \underline{81} \end{array}$$

$$\begin{array}{r} \text{PARKING Lot} \\ 81-200+ \end{array}$$

22 +00

$$\begin{array}{r} \text{Swamp} \\ 100+ \end{array}$$

$$\begin{array}{r} \text{Rel} \\ 13 \end{array}$$

$$\begin{array}{r} \text{H. RINK} \\ +97 \quad \underline{65} \end{array}$$

$$\begin{array}{r} \text{Rel} \\ 9 \end{array}$$

$$\begin{array}{r} \text{Dr} \\ +79 \quad \underline{38-58} \end{array}$$

$$\begin{array}{r} \text{Dr} \\ +86 \quad \underline{32-54} \end{array}$$

$$\begin{array}{r} \text{PV} \\ +72 \quad \underline{62} \end{array}$$

$$\begin{array}{r} \text{Sign} \\ +69 \quad \underline{62} \end{array}$$

+50

$$\begin{array}{r} \text{Swamp} \\ 79 \end{array}$$

$$\begin{array}{r} \text{38' Ent} \\ +22 \quad \underline{65} \\ \text{H. RINK} \\ +42 \quad \underline{65} \end{array}$$

$$\begin{array}{r} \text{18" CMP} \\ +42 \quad \underline{18} \end{array}$$

$$\begin{array}{r} \text{West Edge RINK} \\ +27 \quad \underline{80} \end{array}$$

$$\begin{array}{r} \text{East Edge RINK} \\ +04 \quad \underline{84} \end{array}$$

$$\begin{array}{r} \text{18" CMP} \\ +02 \quad \underline{18} \end{array}$$

21 +00

$$\begin{array}{r} \text{Swamp} \\ 59 \end{array}$$

$$\begin{array}{r} \text{Rel} \\ 13 \end{array}$$

$$\begin{array}{r} \text{Rd} \\ 9 \end{array}$$

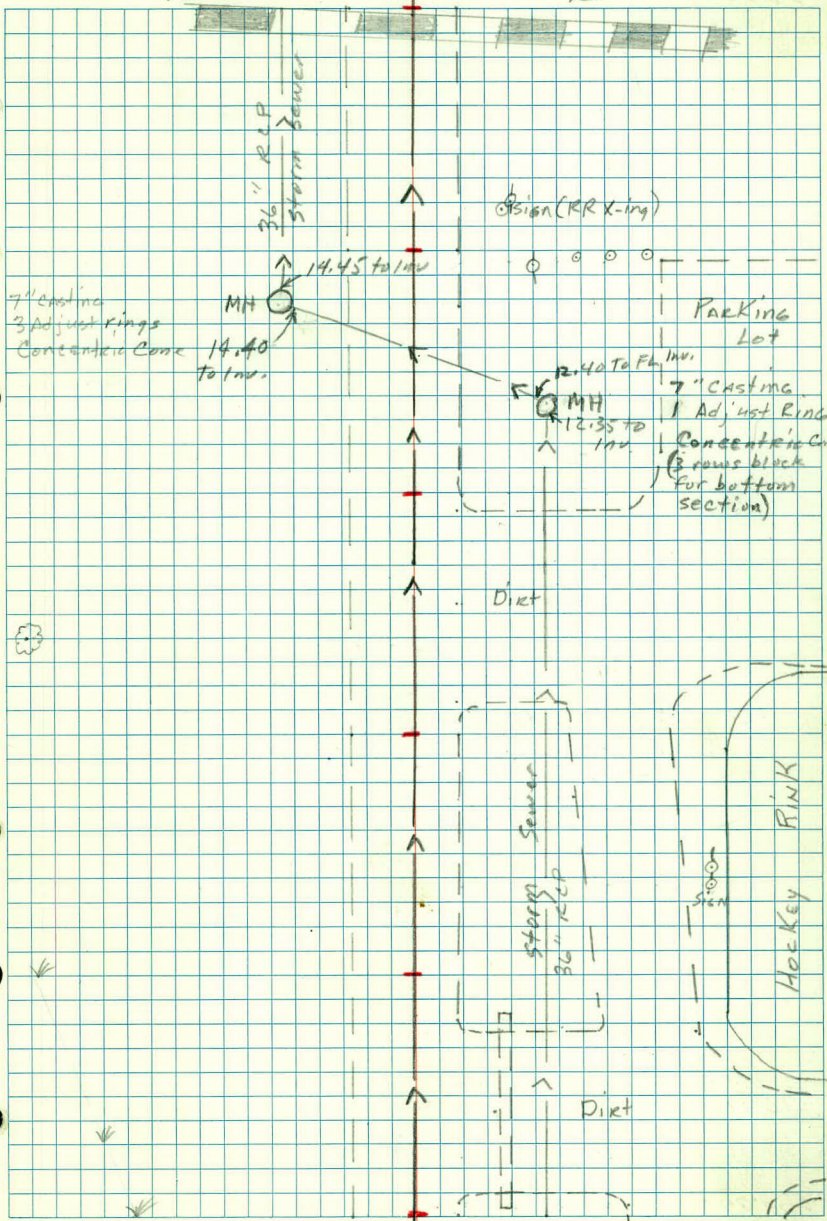
J.A.
LPD
D.S.

MARCH 30, 1977
P.C. 400

Lt

Rt

16



26+00

Lt

Rd
14

P

Rd
10

Rt

+50

2" Ash
58Conc Curb
68

25

Rd
1424" CMP
+10 25Rd
10

+100

18" CMP
+14 34
2" Ash
57
P.O.R.
62
P.O.R.
46E.R.
+10 69
24" CMP
+10 28
LIFE
+95 44

+57

E. End 30" RCP + Apricot

27

E.R.
+64 14PP
+57 19Hole in Ent
+72 34
P.O.R.
+65 50E.R.
+61 70
LIFE
+61 41B.R. Conc Curb
+60 25

+50

P.O.R.
+41 26
PPJ
+35 703-6" DE.
+51 5018" CMP
+54 41E.R.
+41 77Hyd
+47 38Rd
10W.S.O.
+34 19P.O.R.
+30 39TEL Box
+37 20LIFE
+10 79B.R.
+24 60E.R.
+03 49Rd
10PP
+97 253 GAS VENTS
34 40 49

24

P.O.R.
+93 23P.O.R.
+83 18GP
+85 32RR Pole
+60 20EAST END 18" RCP
+85 124'TEL CABLE
+64 23

23+50

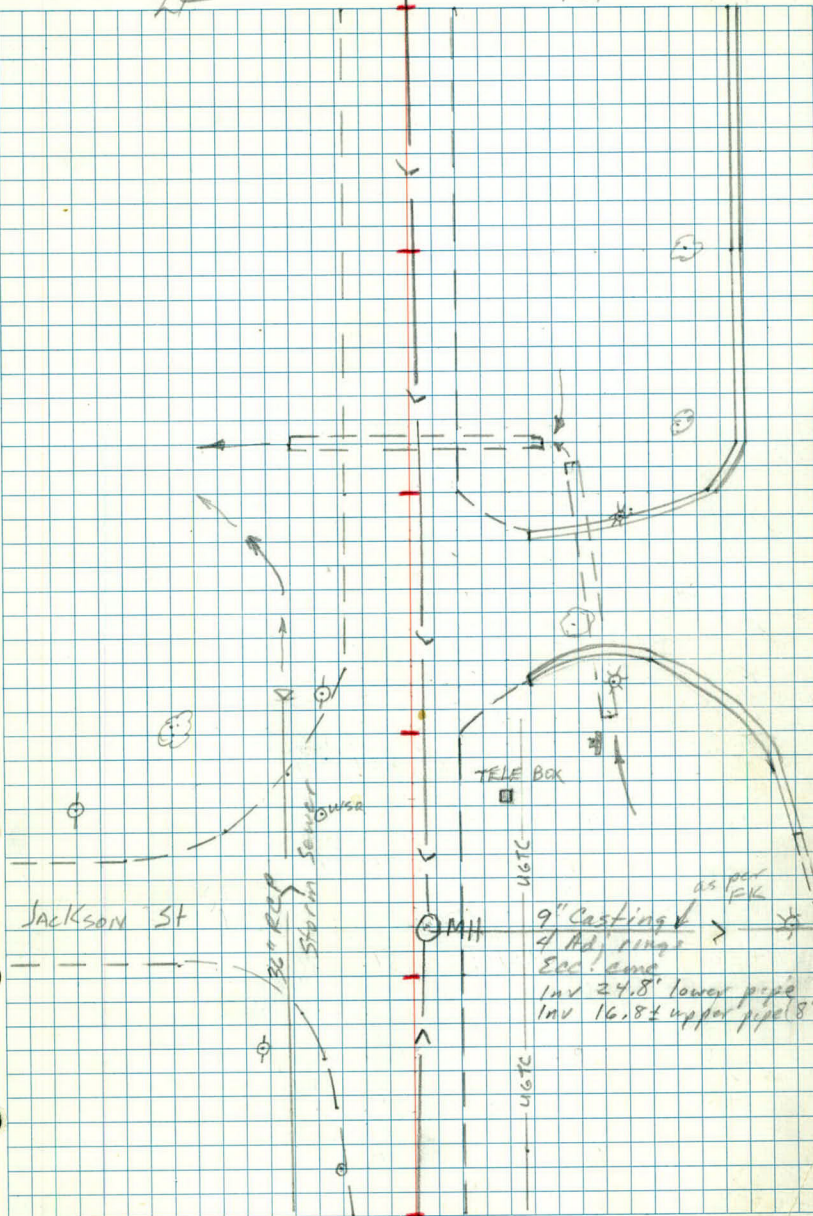
J.A.
L.P.D.
D.S.

MARCH 30, 1977
P.C. 40°

RT

17

LT



20+50

Lt

Rt

Rt

Bg Woods
+12 46-69

28

Rd
14

Conc Curb 63
 +36 63
 18 Curb
 +31 19
 14yd
 +29 25
 Conc Curb 42
 +20 52
 Conc Curb 83
 3" Ash 59
 +95 59
 B.R.
 +84 69
 Lite
 +66 64

+50

MH
+39 21

MH
+58 1

3" Ash
+34 59

27

Rd
14

4" Cot
+86 35

8" PVC
 +84 27
 4" Ash
 +71 59

+50

PP
+59 20

Tri 8" Cot
+59 28

Lite
+55 64

4" Ash
+13 59

Conc Curb
71

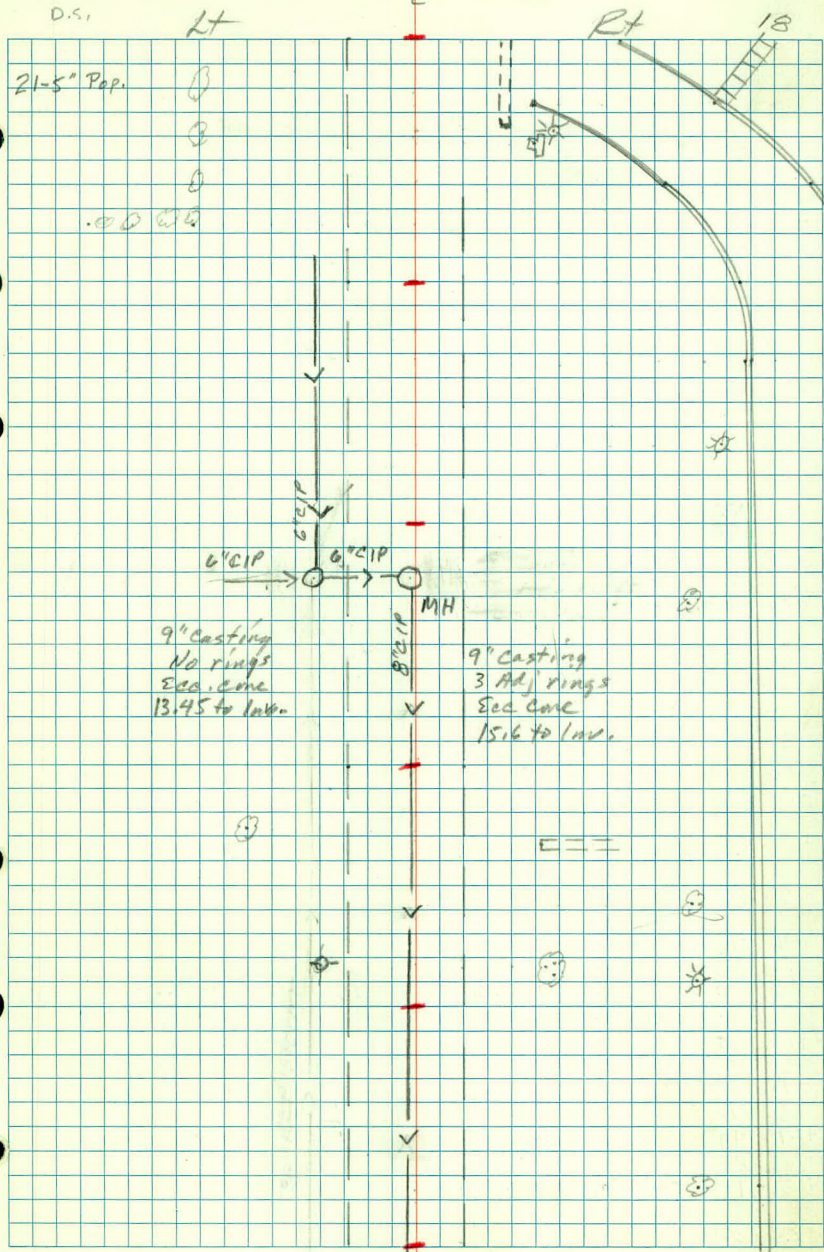
26+00

Rd
14

Rd
10

J.A.
LPD
D.S.

MARCH 30, 1977



Lt

L

Rt

30 + 00

Rd
14✓
Rd
10✓
+83 S.W. COR. Ho
76✓
+84 8" Pine
67✓
mt
+71 30

+50

+59

✓
S.E. COR. Ho.
77✓
39P
54+44 2" Maple
32+42 1" Pine
42+30 1" Maple
46+19 1" Maple
57+07 Core Ho
77+16 2" Maple
31+15 1" Pine
42+05 6" Maple
53+29 106 Bush
31S.W. COR. Ho.
85Rd
14✓
Rd
10+97 S.E. COR. GAR
85S.W. COR. GAR
85✓
222' Ent+77 10" Pop
85

+89

+69 10" Pop
4912" Pop
565" Pop
50+63 PP
21+65 End Woods
46-69

+53

28 + 50

✓
+70 2" E
30✓
18" CMP
18+63 POR
32+67 End Curb
24+53 cme Curb
44

J.H.
LPD
D.S.

Lt

MARCH 30, 1977
CLDY RAIN 45°
Rt

19



X

TEL
MH

M

X

⊙

⊙

X

X

⊙

⊙

⊙

GAK

Direct

⊙
⊙

⊙
⊙
⊙





RG
KG
BW

Mar. 31, 1977
PC 35°

Demont Ave.

20

X-Sections

— Rice 0+00 St —

16+00

Stark St.

SOD

Line

RR

Jackson St.

30+00

Sta	+	π	-	Elv.
BM	4.99	921.75		916.76
TP	4.36	917.57	8.54	913.21
BM	4.66	920.91	1.32	916.25

16+00

✓

+60

7.93 912.98

+70

2 Bit Ent Lt

✓

+80

8.57 912.34

RG
KG
BW

Mar 31, 1977
PC 350

Lt

Q

Rt

21

Rim MH & Jackson & Demont

& Stazi

Top Hyd NW Cor Stark St & Demont Ave

16.1	13.7	13.8	15.4	15.5	15.2	14.6	13.2	12.9
4.8	7.2	7.1	5.5	5.4	5.7	6.3	7.7	8.0
29	23	19	13 Bit		10 Bit	16	18	22

18.2	20.5
2.7	0.4
47	75

18.9	16.2	14.4
2.0	4.7	6.5
45	35	24
Fe		

Bit, F.L. of 15" CMP Lt

19.3	16.9	14.8	14.1	14.3	14.2	13.7	12.6	12.7	13.7
1.6	4.0	6.1	6.8	6.6	6.7	7.2	8.3	8.2	7.2
75	50	27	13		10	18	21	25	26
Bit	Bit	Bit	Bit		Bit				

18.7	15.7
2.2	5.2
45	35
Fe	

FL 15" CMP

Sta	+	π	-	Elv
-----	---	-------	---	-----

		920.91		
--	--	--------	--	--

17+20				
-------	--	--	--	--

				Top Bank ^{LH}
--	--	--	--	------------------------

✓				
---	--	--	--	--

BM	3.64	919.89	4.66	916.25
----	------	--------	------	--------

+41				
-----	--	--	--	--

				W edge Rd
--	--	--	--	-----------

+58				
-----	--	--	--	--

				E Starke
--	--	--	--	----------

✓				
---	--	--	--	--

+75				
-----	--	--	--	--

				E edge Rd
--	--	--	--	-----------

✓				
---	--	--	--	--

22

Top Hyd @ Stark

Same as +41

1A.A	1A.3	13.0	13.3	13.5	13.7	13.7	13.0	11.6	13.0
5.5	5.6	6.1	6.6	6.4	6.2	6.2	6.9	8.3	6.9
75	49	49	25	13		10	15	21	25
BC	TC	BC		Bit		Bit.			

BC	TC	BC	Bit	Bit
14.9				18.4
5.0				1.5
<u>25.9</u>				4.2
				4.1
				<u>34</u>

Sta + $\bar{\Delta}$ - Elev

919.89

17+89

18+00

+50

19+00

End Fill
LT

+39

9.62 910.27

+39

9.95 909.94

+50

20+00

RG
KG
BW

LT

2

Mar 31, 1977
PC 35⁰
RT

23

15.8	15.5	14.1	911.3 ⁴	13.4	13.7	
4.1	4.4	5.8	8.55	6.5	6.2	Same as +75
75	50	29	20	13		
			FLEM	Bit.		

15.5	15.2	14.8	11.2	12.9	13.4	13.6	13.5	12.9	11.4	12.9	17.5	18.5
4.4	4.7	5.1	8.7	7.0	6.5	6.3	6.4	7.0	8.5	7.0	2.4	1.4
75	49	32	20	16	13		10	16	20	24	36	42
					Bit.		Bit.					Fe.

15.1	15.9	15.2	11.4	13.0	13.3	13.4	13.5	13.1	11.1	12.6	18.7	19.9
4.2	4.0	4.7	8.5	6.9	6.6	6.5	6.4	6.8	8.8	7.3	1.2	0.0
75	51	30	21	17	13		10	15	22	25	38	50
					Bit.		Bit.					Fe.

11.6	11.3	10.8	12.8	13.1	13.3	13.2	12.8	10.9	15.6	19.5
8.3	8.6	9.1	7.1	6.8	6.6	6.7	7.1	9.0	4.3	0.4
55	41	22	17	13		9	13	20	32	53
				Bit.		Bit.				Fe.

FL 24" CMP LT 21'

FL 24" CMP RT 17'

10.4	10.7	12.8	13.2	13.3	13.2	12.8	11.2	10.8	13.2	18.6
9.5	9.2	7.1	6.7	6.6	6.7	7.1	8.7	9.1	6.7	1.3
43	26	17	13		9	13	18	26	38	54
Swamp			Bit.		Bit.					Fe.

9.3	11.9	10.8	12.0	12.5	12.7	12.6	12.3	10.5	10.7	17.4	18.3
10.6	8.0	9.1	7.9	7.4	7.2	7.3	7.6	9.4	9.2	2.5	1.6
66	45	26	19	13		9	14	19	31	50	75
				Bit.		Bit.					

Sta + π - Elev.

919.89

20+50

✓

TP 5.82 917.81 7.90 911.99

+64 8.06 909.75

+64 7.99 909.82

+88 4.56 913.25

21+00

✓

+22

Ent. Rt

✓

RG
KG
BW

Mar 31, 1977
PC 350
RT

LT

Q

RT

24

✓ 09.4	✓ 11.4	✓ 11.7	✓ 12.5	✓ 12.8	✓ 12.7	✓ 12.3	✓ 10.3	✓ 10.4	✓ 16.4
10.5	8.5	8.2	7.4	7.1	7.2	7.4	9.6	9.5	3.5
55	45	23	13		9	13	18	31	47
SWP			Bit.		Bit.				Ent

17.7

2.2

68

Hockey Rink

NE cor 5x5 slab / CB 27' RT 20 + 64

W. invert

N. invert

rim of MH @ Q

✓ 11.8	✓ 11.5	✓ 12.8	✓ 12.9	✓ 13.2	✓ 13.0	✓ 12.7	✓ 910.77	✓ 15.0	✓ 16.3
6.0	6.3	5.0	4.9	4.6	4.8	5.1	7.03	2.8	1.5
48	27	20	13		8	15	18	38	53
			Bit		Bit		cmp FL		Ent

09.4

8.4

60

SWP.

17.5

0.3

70

Rink

✓ 12.0	✓ 11.7	✓ 12.8	✓ 13.1	✓ 13.4	✓ 13.2	✓ 13.5	✓ 15.4	✓ 16.0
5.8	6.1	5.0	4.7	4.4	4.6	4.3	2.4	1.8
54	28	20	13		8	21	49	74
			Bit.		Bit.	Ent	Ent	Edge of Ent.

09.6

8.2

61

SWP

Sta + π - E/V

917.81

21+42

✓

22+00

TP 5.11 922.82 0.10 917.71

MH 4.55 918.27

+27

Ent Pt

✓

MH

3.02 919.80

RG
KG
BW

Mar 31, 1977
PC 40°

Lt				2				Rt				25
11.8	11.8	12.8	13.3	13.7	13.4	13.0	11.17	12.4				
6.0	6.0	5.0	4.5	4.1	4.4	4.8	6.64	5.4				
45	26	18	12	10	15	18	28					
			Bit.		Bit		CMP FL					
11.5	9.4					16.4	15.0	13.9				
6.3	8.4					1.4	2.8	3.9				
67	78					65	54	57				
	Swp					Rink	Cent					
12.5	13.3	13.4	14.3	14.6	15.0	14.9	14.6	13.5	14.3	16.2		
5.3	4.5	4.4	3.5	3.2	2.8	2.9	3.2	4.3	3.5	1.6		
87	51	30	17	13	9	12	20	52	64	Rink		
			Bit.		Bit.							

flange of MH Rt 22+68

rim MH Rt 28' Sta 22+68

17.0	16.2	15.3	15.7	15.9	15.9	16.0	14.5	16.3	15.9		
5.8	6.6	7.5	7.1	6.9	6.9	7.8	8.3	7.5	6.9		
34	23	19	12	9	18	32	55	75			
			Bit.		Bit.						
17.1	16.4										
5.7	6.4										
51	75										

rim MH Lt 29' Sta 22+88

Sta + π - E/V

922.82

East
Edge of
Plc g Lot 1

23+00

✓

+27

Toe of
slope R

+42

top RR
Emb.

TP 0.46 921.17 2.11 920.71

+47

0.35 920.82

+60

Top RR
Emb.

+90

Ditch
1 + R

RG
KG
BWLt

Mar. 31, 1977
PC 40

Rt

26

21.0	20.1	18.5	19.4	19.8	19.6	19.4	18.5	14.8
1.8	2.7	4.3	3.4	3.0	3.2	3.4	4.3	8.0
60	38	26	13		10	15	25	48
			Bit.		Bit			

20.2

2.6

75

15.6

7.2

75

P. Lot

16.0

6.8

55

P. Lot

20.3

20.1

19.2

20.1

20.5

21.0

20.8

20.7

16.1

19.1

13.2

2.5	2.7	3.6	2.7	2.3	1.8	2.0	2.1	6.7	8.7	9.6
75	48	24	17	13		11	14	24	47	75
						Bit				

20.6

20.3

20.9

20.9

20.7

19.8

19.7

2.2	2.5	1.9	1.9	2.1	3.0	3.1
75	37	17		13	45	75

RR rail connector bolt

Tracks

20.3

20.1

19.3

20.3

20.6

20.5

19.5

19.7

19.4

0.9	1.1	1.9	0.9	0.6	0.7	1.7	1.5	1.8
75	57	34	13		9	24	44	75
			Bit.		Bit.			

12.6

14.7

16.9

18.0

18.4

18.2

16.3

12.5

10.1

10.0

8.6	6.5	4.3	3.2	2.8	3.0	4.9	8.7	11.1	11.2
75	44	23	13		10	19	29	44	75
			Bit.		Bit				

Sta	+	π	-	E/V
-----	---	-------	---	-----

921.17

24+00

Shoulder
Lt.

+13

E Jackson

+26

Shoulder
Lt

BM	6.36	917.31	10.20	910.97	910.95
----	------	--------	-------	--------	--------

+51

+62

E+ Rt.

LT J R Rt 27

12.9	13.8	15.2	16.5	16.77	16.4	15.9	10.5	9.1	16.4
8.3	7.4	6.0	4.7	4.40	4.8	5.3	10.7	12.1	4.8
100	26	45	13	M4	10	18	40	56	73
			Bit		Bit				

13.4 ✓	14.9 ✓	15.7 ✓	15.7 ✓	15.4 ✓	14.5 ✓	10.8 ✓	08.4 ✓	16.6 ✓
7.8	6.3	5.5	5.5	5.8	6.7	10.4	12.8	4.6
75	40	11	10	19	30	48	71	
		Bit	Bit					

Apr. 1, 1977
Lt rain 35°

05.0 ✓	08.6 ✓	13.7 ✓	14.0 ✓	14.0 ✓	13.6 ✓	13.6 ✓	907.55 ✓	14.4 ✓	916.20 ✓
12.3	8.7	3.6	3.3	3.3	3.7	3.7	9.76	2.9	1.11
80	45	21	13		12	22	42	57	75
		Bit			Bit		COMP		T.C.

04.3	07.0	07.8	04.6	09.1	13.0	13.4	13.0	13.28	13.71	13.83	14.28
13.04	10.39	5	12.78	24.3	3.9	4.3	4.03	3.60	3.48	3.03	
75	47	33	27	19	13	11	35	35	54	54	
			(457)		Bit		B612	Tc	B612	Tc	
			FL				B612				

Sta + π - E/V

912.31

24+74

Entr R+

+92

25+03

Ret. wall
R+

+10

TP 3.20 914.42 6.09 911.22

25+50

Apr 1, 1977
L4 rain 35°

KG	BW	LT	5.5	11.5	12.2	12.7	12.3	13.0	15.1	28
04.5	07.2	05.5	11.5	12.2	12.7	12.3	13.0	15.1		
12.8	10.1	11.8	5.8	5.1	4.6	5.0	4.3	2.2		
75	41	30	20	13		10	41	75		
05.2	05.6	05.2	10.2	11.0	11.6	11.2	11.84	12.28	13.17	13.59
12.1	11.7	12.1	7.1	6.3	5.7	6.1	5.47	5.03	4.14	3.72
75	51	28	20	13		10	27	27	46	46
			Bit				BC	72	56	TC

same as 24 + 92

11.1	10.7	10.7	10.6	05.64
6.2	6.6	6.6	6.7	11.67
10	15	34	34	
Bit		Top	FL	
		Wall	CMP	
15.66	16.06	15.1	11.9	
1.65	1.25	2.2	5.4	
69	69	58	45	
136	72			

905.01
12.30
25
Tap CMP LI ← 24" → TOP CMP RT

3.9	4.3	5.5	8.5	9.0	9.4	9.3	10.7	12.2	13.0	14.4
03.9	04.3	05.5	08.5	09.0	09.4	09.3	10.7	12.2	13.0	14.4
10.5	10.1	8.9	5.9	5.4	5.0	5.1	5.7	7.2	1.4	0.0
75	50	26	20	13		11	17	27	50	54
			Bit			Bit				

Sta + π - EIV

914.42

26+00

+50

+84

4.88 909.54

27+00

+39

5.18 909.24

+50

+50

TP 7.92 915.45 6.89 907.53

28+00

RG
KG
BW

April 5, 1977
Clear, Windy 35°

03.3	03.7	04.5	08.0	08.3	08.8	08.6	07.7	09.3	14.1	29
11.1	10.7	9.9	6.4	6.1	5.4	5.8	6.7	5.1	0.3	
75	52	28	18	13		10	21	33	48	
				Bit		Bit				

03.3	03.9	05.2	07.8	08.1	08.5	08.4	08.0	08.9	14.4
11.1	10.5	9.2	6.6	6.3	5.9	6.0	6.4	5.5	0.0
75	55	32	18	13		11	19	29	47
				Bit		Bit			

Inv 8" plastic pipe (R+27')

03.5	04.3	04.9	07.1	08.4	08.8	08.6	08.5	14.4
10.9	10.1	9.5	6.7	6.0	5.6	5.8	5.9	0.0
75	56	35	21	13		10	22	43
				Bit		Bit		

rim MH

04.8	04.7	05.3	07.7	08.8	09.4	09.3	09.0	14.4
9.6	9.7	9.1	6.7	5.6	5.0	5.1	5.4	0.0
95	54	32	21	13		10	23	43
				Bit		Bit		

rim MH 27+40' LT 22'

03.0	04.7	06.2	09.9	10.3	11.0	10.6	09.9	13.7	15.3
11.9	10.8	9.3	5.4	6.2	4.5	4.9	5.6	1.8	0.2
75	57	35	22	12		9	22	37	46
				Bit		Bit			

Sta + π - Elev.

915.45

28+30

✓

BM 3.72 918.45 0.72 914.73

28+54

Bit.
Left R

+71

29+00

E. edge
Ent Lt

TP 5.80 916.28 7.97 910.48

BM 5.38 910.90 910.95

DIETZEN NO. 384-S

RG
KG
BW

Apr. 5, 1977
Clear Windy 35°

Lt

Rt

30

05.6

08.5

11.1

11.6

11.9

11.4

10.55

13.8

14.70

14.20

9.9

7.0

4.4

3.9

3.6

4.1

4.90

1.7

0.75

1.21

62

39

23

13

Bit.

11

18

30

37

37

04.5

11.0

75

FL
CMP 18" BG 12

0.0

51
Bit.

Top Hyd KT sta 28+30 ±

05.3

08.4

12.0

12.0

12.3

12.7

12.5

13.5

14.99

15.44

18.5

13.2

10.1

6.5

6.5

6.2

5.8

6.0

5.0

3.46

3.01

0.0

75

46

33

22

12

Bit

10

27

45

45

59

14.1

14.2

18

12.9

13.3

13.1

11.04

13.8

17.6

4.4

4.3

5.8

5.6

5.2

5.4

7.41

4.7

0.9

61

42

21

13

Bit

11

20

31

45

14.39

14.5

13.7

13.7

14.2

14.0

13.5

17.2

4.06

4.0

4.8

4.8

4.3

4.5

5.0

1.3

84

59

34

13

10

19-23

35

Garage
slab

Top Hyd Jackson + Demont

J, A.
LPD
DS
CB
EL

JUNE 21, 1977

1

Flow Line Elevation of
Cross Culvert under Soo Line
RAILROAD 150'± south of Demont Ave.

2 PAGES

STA	+	π	-	ELEV	
B.M.	3.05	913.30			910.25
			7.51	905.79 904.29	65
B.M.	7.12	917.37			910.25
			8.65	908.72	
			10.52	906.85	
			12.50	904.87	
			13.36	904.01	
			12.68	904.69	
			13.60	903.77	
T.P.	8.82	924.86	1.33	916.04	
			5.80	919.06	
T.P.	4.25	918.24	10.87	913.99	
			8.00	910.24	910.25

J.A.
L.P.D.
D.S.
C.B.
E.L.

JUNE 21, 1977

2

Top Hyd Demont & Jackson
Top #1. 18" RCP (DRAINS FROM WEST)

J.A.
L.P.D.
D.S.
C.B.
E.L.

JUNE 22, 1977

Top Hyd Demont & Jackson
FL 18" RCP XING UNDER R/R TRACKS.
FL 18" CMP UNDER DR GRAND PRAIRIE WEST (WEST END)
" " " " (EAST END)
Top 24" CMP 2540± Demont Ave So. End
Top 24" CMP +10± " " No. End
FL. 36" RCP UNDER JACKSON East End
East End Rim MA JACKSON & DEMONT
Top MA 22+88 Lt 14.00 to FL. 36" RCP
East End G.V. JACKSON & DEMONT
Top Hyd Demont & Jackson

