

OFFICE OF COUNTY ENGINEER
RAMSEY COUNTY, MINN.

PLAN

Survey

LARPENTEUR

From RICE To EDGERTON

Road Acc't. No. _____

Date Filed 2-8-61

Dr. 9
File BK 29

Plan Survey

1

Larpenteur Ave

Rice St. to McMenamy St.

Alignment

pages 1-3

Rec 11/29/60

Sta Pt Δ Lt Δ Rt

17+67.57 POT Abel (17+69.85)

17+68.80

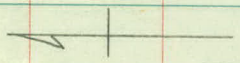
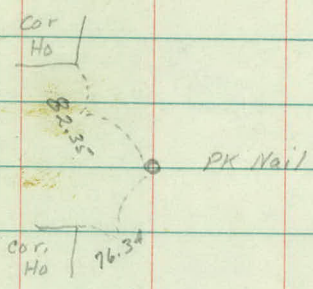
6+56.90 POT

0+00

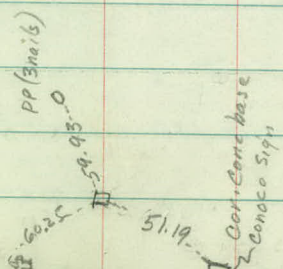
£ Rice

KG
JL
RW

Oct 31, 1960
Rain 45°



RR X-ing



Sta Pt Alt ΔRT

50+68.88 POT & McMenamy (Record 50+67.61)

42+78.79 P.O.T. on Bridge

25+82.80 P.O.T.

24+41.44 P.T. & Jackson St.

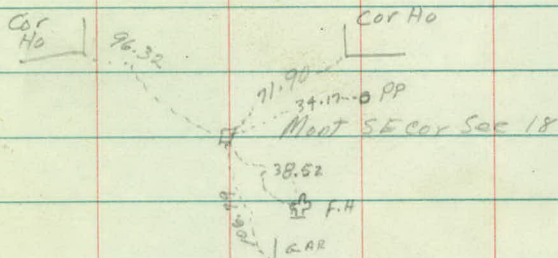
Record = 24+41.24

RG
IL
JH
RW

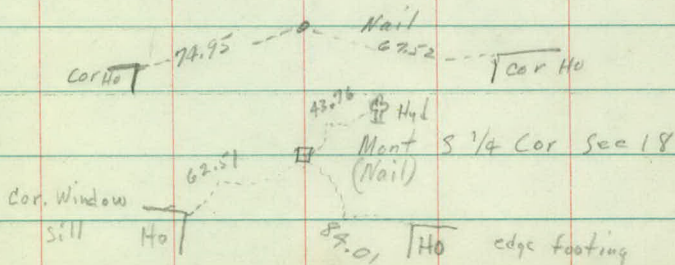
Nov 4, 1960

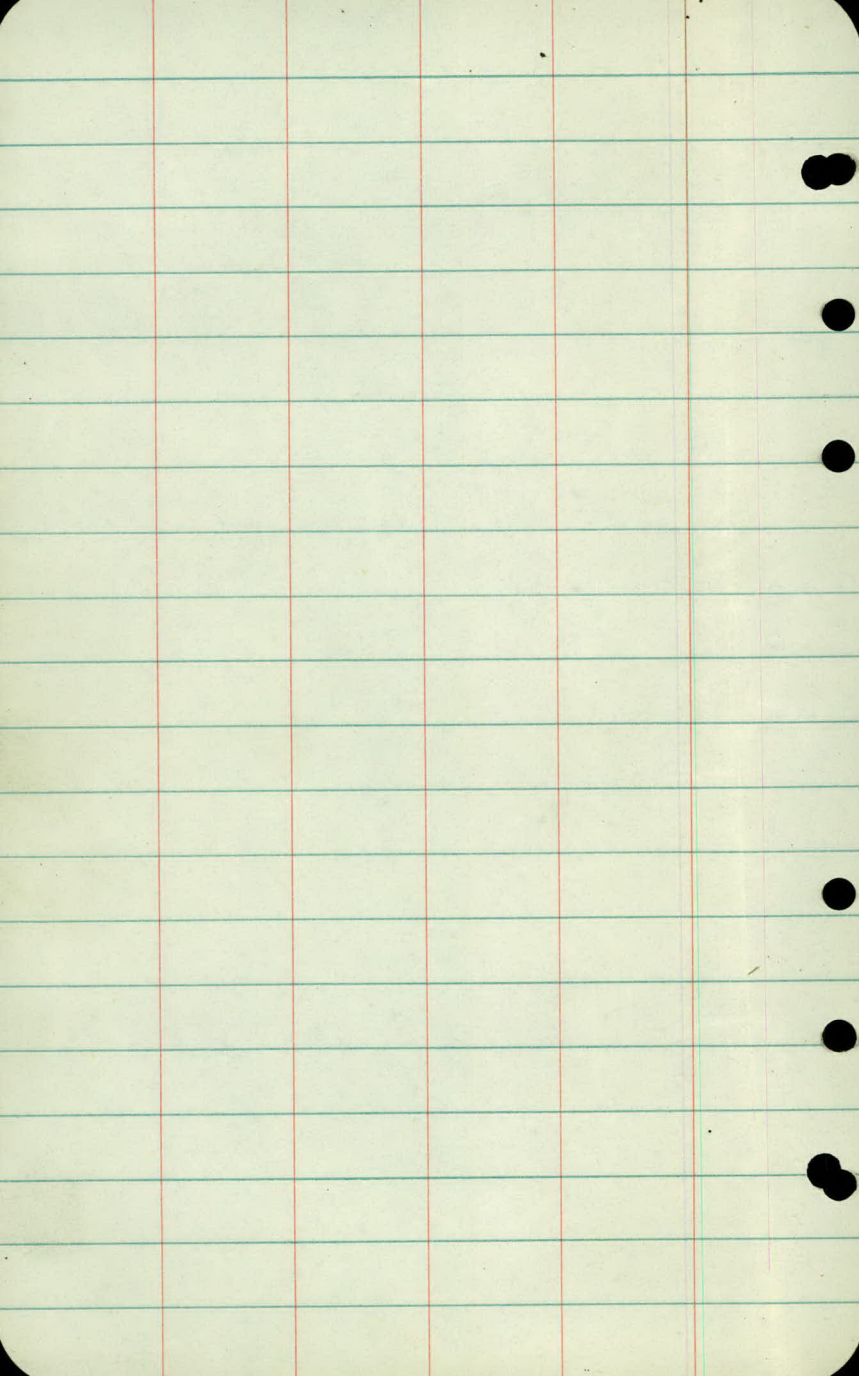
£

3



⊙ Brass Plug - .04' too Far North





Larpentour Ave
McMenemy to Edgerton

Alinement	pgs 1-3
Bench Levels	" 4-6
Topography	" 7-13
X-Sections	" 14-

Sta	Point	ΔL	ΔR
-----	-------	------------	------------

65+20 ⁰⁷	POT W. edge Bridge		
---------------------	--------------------	--	--

$$\Delta = 0^{\circ}43'$$

$$D = 0^{\circ}40'$$

60+68 ⁶⁵	P.I.		
---------------------	------	--	--

$$T = 53.76$$

$$L = 107.50$$

$$R = 8594.42$$

50+68 ⁸⁸	2nd Menemey So. $\frac{1}{4}$ cor. Sec 17		
---------------------	---	--	--

Sta	Point	ΔL	ΔR
-----	-------	------------	------------

76+78 ¹⁰	E Edgerton		
---------------------	------------	--	--

76+78¹⁰

E Edgerton

$\Delta L = 0$

$$\Delta = 0^{\circ} 43'$$

$$D = 0^{\circ} 40'$$

68+65 ⁹³	PI		
---------------------	----	--	--

$$T = 53.76$$

$$L = 107.50$$

$$R = 8594.42$$

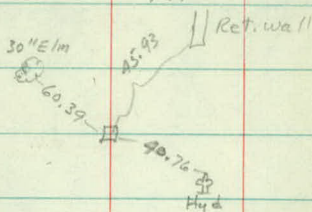
R6
JK
LB

Lt

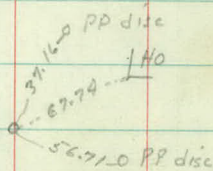
£

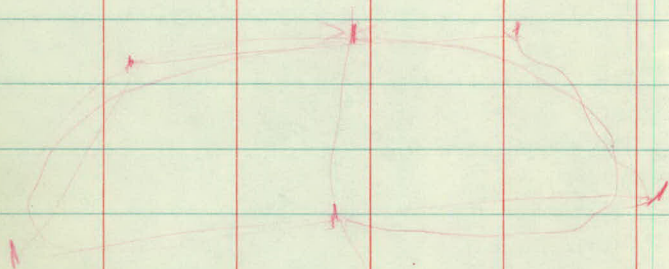
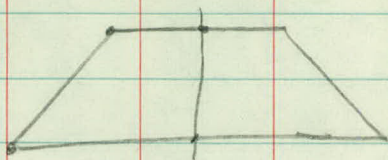
Dec 2, 1960
Clear, 30°
Rt

3



see line





Larpenteur Ave.

Rice St. to McMenamy

Topography

Pages 8-22

L+

X

R+

2+00

15 15

+75 $\frac{T.P.}{49}$

+60 $\frac{Cor. BT}{31}$ +57 $\frac{SE Cor Bldg}{114}$
 +38 $\frac{28' Ent (B.T.)}{29}$ +53 $\frac{Flood Life}{30}$
 $\frac{SE Cor Conc Slab}{76 (3.5 \times 12)}$ MH
 +19 $\frac{Wedge Pump Isle}{24}$ +60 $\frac{24}{24}$

1+00 +02 $\frac{sw cor 68}{conc. Slab}$

+97 $\frac{Blvd}{76}$

+97 $\frac{Striped 24' long}{26-27}$

$\frac{Flood Light}{31}$

+63 $\frac{31}{conc. curb.}$ +68 $\frac{30}{Sign.}$

+50 $\frac{31-66}{Shut off MH}$ +55 $\frac{35}{Beg. End. E.R.}$

+36 $\frac{2}{Signal}$ +50 $\frac{15}{Telep. MH}$ +72 $\frac{25}{Conc. E.R.}$

+28 $\frac{39}{BR}$ +32 $\frac{31}{MH}$ +39 $\frac{15}{Conc. E.R.}$

+23 $\frac{30}{BR}$ +28 $\frac{25}{MH}$

+50 $\frac{MH}{17}$

0+00

End Conc Curb +82 $\frac{15}{12' avg 10' cut}$ End, S. B. $\frac{2-46}{2-46}$ 30
 +58 to +77 45-79

+46 $\frac{Beg Conc Curb}{15}$ Beg Ent Rad +39 $\frac{24}{24}$ +46 $\frac{15}{15}$ End Ent Rad

+35 $\frac{Cor Conc}{30}$ +36 $\frac{Flood Life}{31}$

15 15 +08 $\frac{End Curb}{30}$ +12 $\frac{Beg. Ent Rad (3.5')}{15+29}$

+97 $\frac{L Cor Conc Slab}{67}$ cent Pump Isle (5x11)

+79 $\frac{21}{NW Cor Bldg}$ +88 $\frac{45.5}{45.5}$

+72 $\frac{70}{Ent Rad}$ +74 $\frac{30}{Cor. Curb}$

+70 $\frac{16+24}{Ent Rad}$ +70 $\frac{67}{F. Station Steps}$

+05 $\frac{40}{MH}$ +32 $\frac{17}{Cor. S.W.}$

+67 $\frac{18}{Cent. Ent Rad}$ +29 $\frac{4}{W. S. B.}$ +29 $\frac{42}{S. B.}$

+39 $\frac{16}{ER}$ +44 $\frac{24}{Ent. Rad}$ +40 $\frac{16}{Ent. Rad}$

+32 $\frac{31}{Signal}$ +33 to +47 $\frac{30-42}{Conc. Ent Rad Cor.}$

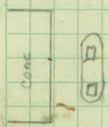
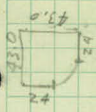
+23 $\frac{29}{BR}$ +24 $\frac{29}{SW}$ +23 $\frac{57}{26' Ent}$

RG
JL
WM
JH

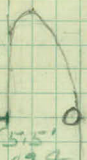
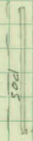
Lt.

Nov 7, 1960
Nov. 8, 1960
Rt.

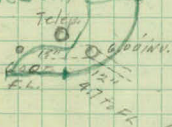
9



Blacktop



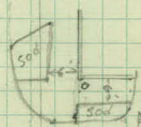
Curb Rem 5.5'
Rem 4.9'



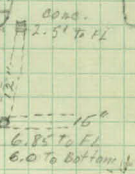
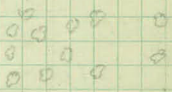
Kaplan Ave

Shutoff

Rice St



G-B



Z — | — C

Y

L+

±

R+

+50

Olump
lilacs
+48 $\frac{38}{38}$

+40 $\frac{MH}{23}$
SW Cor Ho

+17

61
3" Pine

+10 $\frac{38}{38}$

16 14

NW Cor Ho

+15 $\frac{51}{51}$

W.S.O.

+18 $\frac{20}{20}$

4+00

4" Pine 18" Elm
+84 $\frac{38}{38}$ +89 $\frac{47}{47}$

12" Ent 8" Elm
+62 RT +53 +54 $\frac{62}{62}$

lilac Hedge 10" Elm
+53 $\frac{37}{37}$ +53 $\frac{41}{41}$

PP
+40 $\frac{19}{19}$

3+00

15 15

12" B.E. 12" B.E.
+79 $\frac{59}{59}$ +79 $\frac{70}{70}$

W.S.O. 12" Ent
+68 $\frac{23}{23}$ +72 $\frac{12}{12}$

3" Pine End Fe
+63 $\frac{36}{36}$ +64 $\frac{31}{31}$

2" Pine 2" Pine
+60 $\frac{31}{31}$ +60 $\frac{35}{35}$

15" Pine 3" Pine
+50 $\frac{35}{35}$ +54 $\frac{32}{32}$

NW Cor Ho 3" Pine
+45 $\frac{59}{59}$ +46 $\frac{35}{35}$

Fe Cor (+) Bad shape
+41 $\frac{31-60}{31-60}$

2+00

PP
+09 $\frac{19}{19}$

Nov 8, 1944

10

Rt

KG
JL
WM
JH

L + (3)

Upper 8" + 10.2

over 8" v: 13.9

Gravel

Send

1-5-12

20.0

22.0

7100

Lt

E

Rt

15 9

$$+80 \frac{\text{RR Sign}}{18}$$

+57 E Tracks

$$+23 \frac{\text{T.P.}}{43}$$

$$+31 \frac{\text{RR Sign}}{14} \quad +35 \frac{\text{T.P.}}{60}$$

Breather Pipe

$$+19 \frac{18}{18}$$

6400

15 11

$$+97 \frac{\text{double Culv + Ditch E}}{36" \text{ CM (Both)}} \quad 55$$

$$+84 \frac{\text{PP}}{17} \quad +97 \frac{\text{double Culv + Ditch E}}{49}$$

W culv = 36" sep
E " = 36" 0 M

$$+65 \frac{\text{MH}}{24} \quad +63 \frac{\text{MH}}{72}$$

$$+42 \frac{24" \text{ oak}}{49} \quad +45 \frac{\text{Lift Station}}{72} \quad \text{SW Cor (5.89\%)}$$

+39 10' Ent

$$+47 \frac{\text{G.R. Post}}{44} \quad +54 \frac{\text{G.R. Post}}{33}$$

+43 Ent (12')

$$+21 \frac{2' \text{ walk}}{26} \quad +27 \frac{\text{NW Cor Parking Apron}}{28} \quad (20 \times 20)$$

5400

$$(15' 14') \frac{\text{W.S.O.}}{22}$$

$$+98 \frac{4' \text{ Conc S.W.}}{26}$$

$$+81 \frac{12" \text{ oak}}{35}$$

$$+85 \frac{\text{NW Cor Ho}}{55}$$

$$+70 \text{ to } +78 \frac{\text{Clump Lilacs}}{36-44}$$

$$+69 \frac{\text{PP}}{18}$$

$$+450 \quad +69 \frac{\text{PP (not connected)}}{23}$$

$$+52 \frac{2" \text{ birch}}{35} \quad +56 \frac{4" \text{ Maple}}{60}$$

Nov 8, 1960

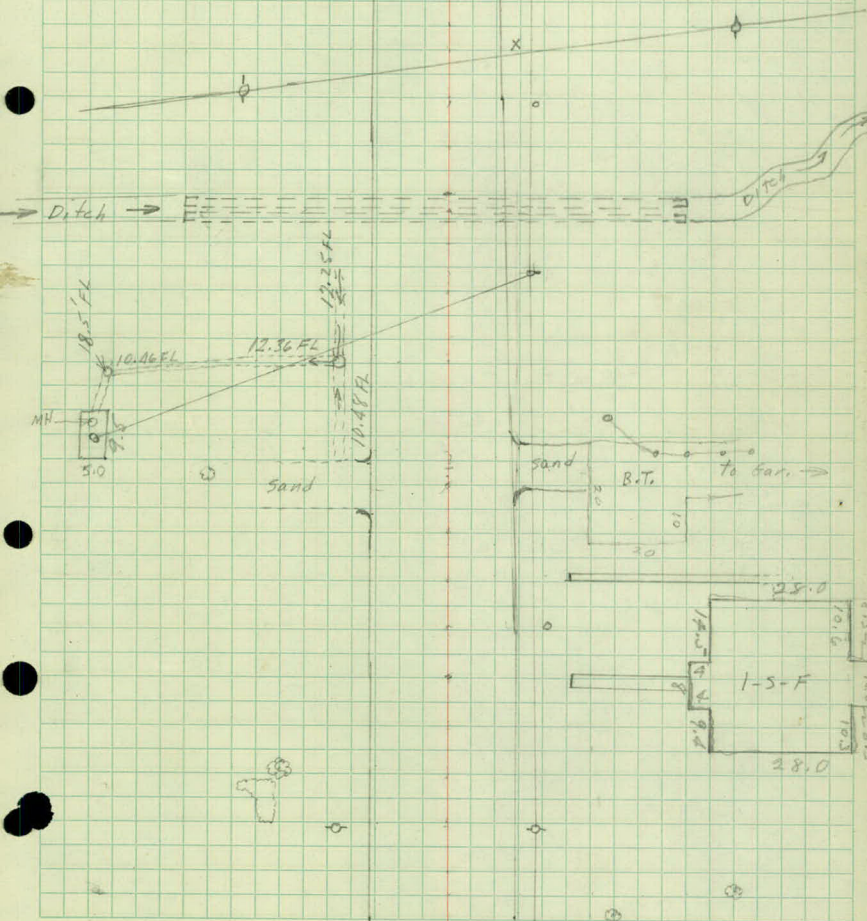
Lt

£

Rt

11

• See Dr E-BK159 for RR Track directions



L+

K

R+

$$\begin{array}{r} +50 \\ 14'' \text{ Elm} \\ +41 \quad \underline{32} \end{array}$$

$$\begin{array}{r} 12'' \text{ Elm} \\ +11 \quad \underline{31} \end{array}$$

9+00

14 9

$$\begin{array}{r} 22'' \text{ Elm} \\ +71 \quad \underline{33} \end{array}$$

$$\begin{array}{r} 16'' \text{ Elm} \\ +56 \quad \underline{32} \end{array}$$

$$\begin{array}{r} 12'' \text{ Elm} \\ +38 \quad \underline{32} \\ 24'' \text{ Elm} \end{array}$$

$$\begin{array}{r} \text{PP} \\ +37 \quad \underline{15} \end{array}$$

$$\begin{array}{r} +23 \quad \underline{32} \\ 3' \text{ Gate} \end{array}$$

3' S.W.

$$\begin{array}{r} +11 \quad 30 \\ +11 \quad 28-46 \end{array}$$

8+00

$$\begin{array}{r} \text{Fe} \\ +00 \quad \underline{30} \end{array}$$

14 9

$$\begin{array}{r} \text{SW Cor Ho} \\ +96 \quad \underline{47} \end{array}$$

$$\begin{array}{r} 9' \text{ Gate} \\ +77 \quad \underline{30} \end{array}$$

$$\begin{array}{r} 24'' \text{ Elm} \\ +84 \quad \underline{32} \end{array}$$

$$\begin{array}{r} 6'' \text{ Pine} \\ +67 \quad \underline{41} \end{array}$$

$$\begin{array}{r} 6'' \text{ Pine} \\ +67 \quad \underline{49} \end{array}$$

$$\begin{array}{r} 8'' \text{ BE} \\ +47 \quad \underline{33} \end{array}$$

$$\begin{array}{r} 6'' \text{ Pine} \\ +58 \quad \underline{44} \end{array}$$

$$\begin{array}{r} 14'' \text{ Elm} \\ +23 \quad \underline{33} \end{array}$$

$$\begin{array}{r} 18'' \text{ Elm} \\ +25 \quad \underline{59} \end{array}$$

$$\begin{array}{r} \text{bush} \\ +36 \quad \underline{47} \end{array}$$

$$\begin{array}{r} \text{Fe Cor} \\ +20 \quad \underline{30} \end{array}$$

$$\begin{array}{r} 8' \text{ Lilacs} \\ +20 \quad \underline{30+} \end{array}$$

$$\begin{array}{r} \text{MH} \\ +06 \quad \underline{23} \end{array}$$

$$\begin{array}{r} \text{PP} \\ +15 \quad \underline{16} \end{array}$$

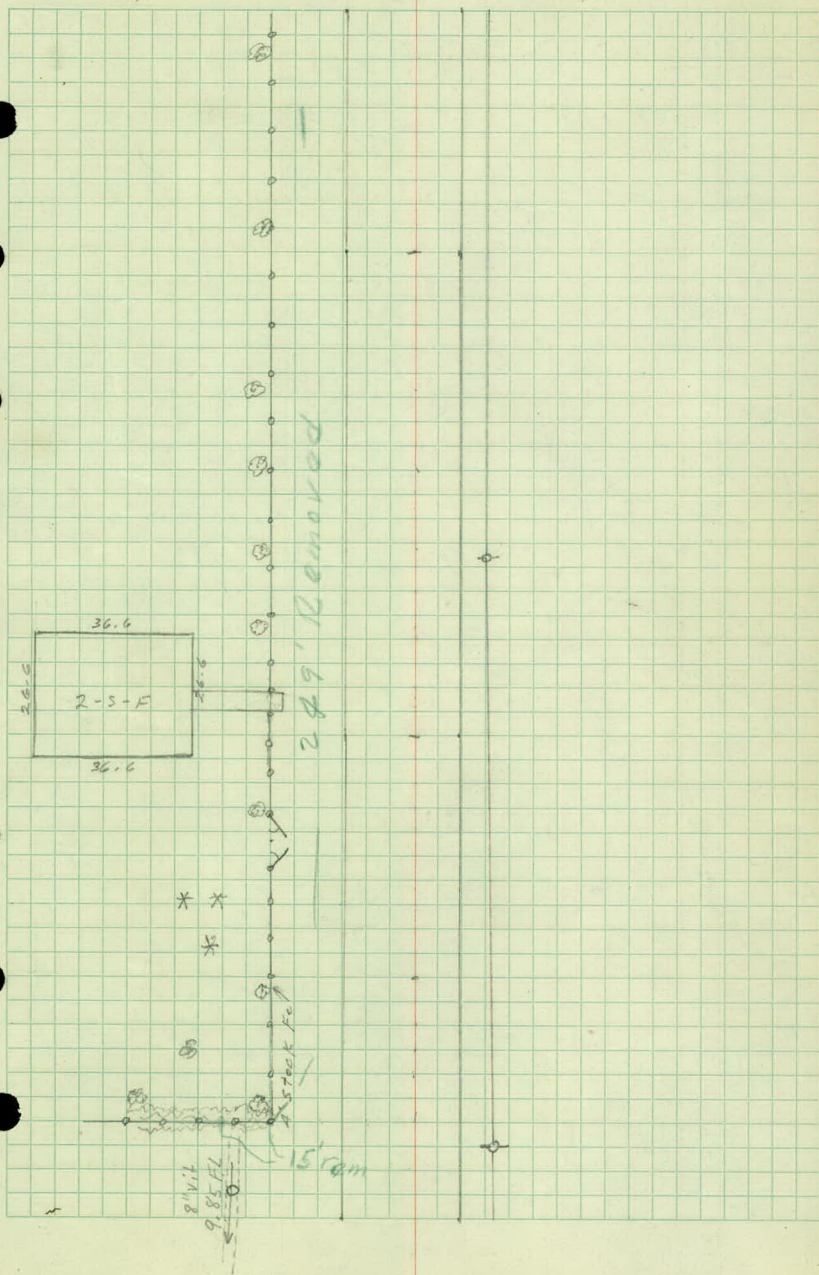
7+00

15 9

Nov 8, 1960

12

R+



L+

±

R+

12+00

16 15

$$\begin{array}{r} \text{WSO} \\ +85 \quad 22 \\ \hline 11'' \text{ Pine} \end{array}$$

$$+80 \quad 30$$

$$+80 \quad 44$$

$$+74 \quad 33-65$$

+

$$+50 \quad 37$$

$$+36 \quad 64$$

$$+16 \quad 35$$

$$+85 \quad 71$$

$$+85 \quad 30$$

$$+64 \quad 77+62$$

$$+36 \quad 73$$

$$+36 \quad 82$$

11+00

17 16

$$+01 \quad 18$$

$$+75 \quad 35$$

$$+68 \quad 21$$

ER

$$+59 \quad 15$$

MH

$$+51 \quad 22$$

WISO

$$+39 \quad 8$$

B.R

$$+29 \quad 14$$

WISA

WISO

$$+67 \quad 8$$

14

$$+42 \quad 36$$

$$+32 \quad 48$$

$$+12 \quad 18$$

$$+03 \quad 40$$

$$+96 \quad 48$$

$$+73 \quad 47$$

$$+73 \quad 17$$

$$+94 \quad \text{RT}$$

B.R

$$+79 \quad 9$$

B.R

$$+88 \quad 45$$

$$+73 \quad 49$$

10+00

MH

$$+81 \quad 1$$

$$+75 \quad 15$$

B.R.

$$+95 \quad 39$$

E.R.

$$+68 \quad 33$$

17" Elm

$$+69 \quad 30$$

FeCor

+50

JL
JH
WM

Nov 7, 1900
Cold, P.C.

Lt

1/2

Rt

13 24.0

24.0

24.0

*

Sand

*

⊙

⊙

⊙

1

⊙

⊙

⊙

4 strand

Sand

Sylvan St

25' 0"

Shut-off
H.O.

Lt.

E

Rt.

+50

$$\begin{array}{r} \text{ER} \\ +32 \quad 37 \end{array}$$

$$\begin{array}{r} \text{Bey. Poplars (scattered)} \\ +36 \quad 54 \end{array}$$

$$\begin{array}{r} \text{BR} \\ +15 \quad 16 \end{array} \quad +15 \quad \frac{\text{ilacs}}{35-52}$$

$$\begin{array}{r} \text{Pine} \\ +14 \quad 47 \end{array} \quad \begin{array}{r} 4' \text{ S.W. steps} \\ +02 \quad 30 \end{array}$$

14+00

16 15

$$\begin{array}{r} \text{4" Maple} \\ +92 \quad 36 \end{array} \quad +93 \quad \frac{\text{50' End 12" x 20' CM}}{16.5}$$

$$\begin{array}{r} \text{Pine} \\ +94 \quad 47 \end{array}$$

$$\begin{array}{r} 4' \text{ S.W.} \\ +76 \quad 30 \end{array}$$

$$\begin{array}{r} \text{Conc Ret. Wall} \\ +70 \quad 30 \end{array} \quad +86 \quad \frac{\text{NW Cor Ho}}{64}$$

$$\begin{array}{r} 4' \text{ Maple} \\ +61 \quad 36 \end{array}$$

$$\begin{array}{r} \text{MH} \\ +50 \quad 22 \end{array} \quad +60 \quad \frac{\text{SW Cor Ho}}{55'}$$

$$\begin{array}{r} \text{PP} \\ +52 \quad 20 \end{array}$$

$$\begin{array}{r} 4' \text{ SW} \\ +49 \quad 32 \end{array}$$

$$\begin{array}{r} 14' \text{ Cott} \\ +35 \quad 37 \end{array} \quad +41 \quad \frac{\text{Pine}}{51}$$

$$\begin{array}{r} \text{NW Cor Ho} \\ +30 \quad 84 \end{array} \quad +30 \quad \frac{\text{Maple}}{45}$$

$$\begin{array}{r} 3' \text{ Gate} \\ +16 \quad 30 \end{array} \quad +35 \quad 30$$

$$\begin{array}{r} 12' \text{ Elm} \\ +11 \quad 35 \end{array} \quad +15 \quad \frac{\text{SW Cor Ho}}{59}$$

+10 Ent (10')

13+00

$$\begin{array}{r} \text{Bush} \\ +04 \quad 35 \end{array}$$

$$\begin{array}{r} \text{Conc Ret. Wall} \\ 16 \quad 15 \quad +00 \quad 10' \text{ Alley} \quad +05 \quad \frac{30 \text{ to } 100+}{\text{PP}} \end{array}$$

$$\begin{array}{r} 8' \text{ Maple} \\ +81 \quad 30 \end{array} \quad +94 \quad 46$$

$$\begin{array}{r} \text{B. Fe} \\ +67 \quad 30 \end{array} \quad +68 \quad \frac{36' \text{ Cott}}{34}$$

$$\begin{array}{r} \text{SW Cor. Gar.} \\ +55 \quad 50 \end{array} \quad +59 \quad \frac{10' \text{ Ent}}{16}$$

$$\begin{array}{r} \text{PP} \\ +37 \quad 17 \end{array}$$

$$\begin{array}{r} \text{PP} \\ +36 \quad 45 \end{array} \quad +48 \quad \frac{\text{BR. ER.}}{35 \quad 51} \quad 16$$

$$\begin{array}{r} \text{Shrub} \\ +43 \quad 48 \end{array} \quad +43 \quad \frac{4' \text{ Pines (5 Pines 10' apart)}}{68}$$

$$\begin{array}{r} \text{BR. ER.} \\ +28 \quad 16 \end{array} \quad +38 \quad \frac{\text{ER. Fe Cor}}{40 \quad 31}$$

$$\begin{array}{r} 5' \text{ Pine} \\ +31 \quad 29 \end{array} \quad +31 \quad \frac{5' \text{ Pine}}{56}$$

$$\begin{array}{r} 4' \text{ Pine} \\ +24 \quad 32 \end{array}$$

12+00

16 15

$$\begin{array}{r} 3' \text{ SW} \\ +14 \quad 17 \end{array}$$

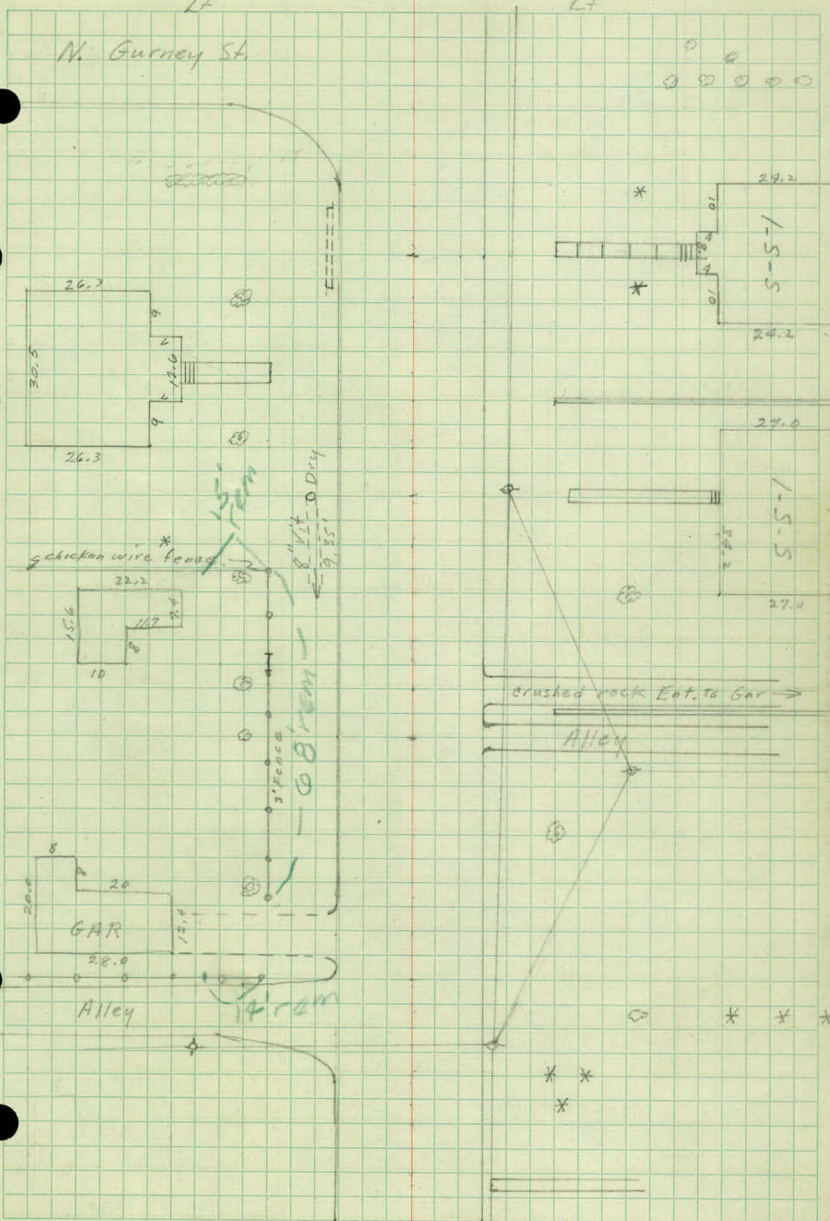
Nov 9, 1960

14

11

24

N. Gurney St.



17+00 Lt

+95 $\frac{SW Cor Ho}{57}$

+92 $\frac{12" Elm}{35}$

+77 $\frac{Stp}{58}$

+71 $\frac{8" Apple}{36}$

+54 $\frac{14" Elm}{35}$

+44 $\frac{8" Apple}{43}$

+22 $\frac{SW Cor Gar}{52}$

+21 $\frac{PP}{78}$

16+00

9 19 Rt

+64 $\frac{8" Apple}{51}$

+42 $\frac{12" Ent}{-}$

+37 $\frac{NW Cor Conc Slab (10 \times 24)}{50}$

+24 $\frac{PP}{29}$

+37 $\frac{NW Cor Gar (24 \times 24)}{60}$

13 19

+88 $\frac{22" BE}{39}$

+86 $\frac{(8 \times 24) SW Cor Ho Timber}{47}$

+66 $\frac{SW Cor Gar}{61}$

+47 $\frac{7" Norway Pine}{31}$

+19 $\frac{SW Cor Ho}{41}$

+10 $\frac{Shrub}{34}$

15+00

+22 $\frac{Shrub}{32}$

+16 $\frac{4" Walk}{27}$

+14 18

+93 $\frac{2" Pine}{36}$

+82 $\frac{12" Elm}{36}$

+77 $\frac{Hedge}{47+}$

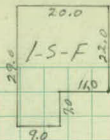
+68 $\frac{ER}{15}$

+55 $\frac{BR}{29}$

+74 $\frac{PP}{22}$

Nov 9, 1960

Lot 15

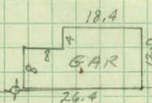


Lt

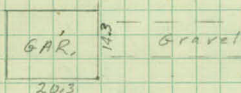
2

Rt

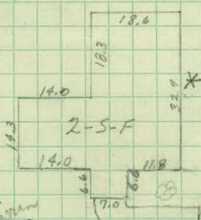
R



Hq. Trailer (Permanent)



Gravel



Highway 2
OK 15.15!
226

19+50

Lt.

±

Rt.

$$+34 \quad \frac{10' \text{Ent}}{10}$$

19+00

9 22

$$+99 \quad \frac{\text{NW Cor Ho}}{67}$$

$$+61 \quad \frac{15' \text{Ent}}{9}$$

$$+44 \quad \frac{15' \text{SW}}{12}$$

$$+47 \quad \frac{\text{NW Cor Ho}}{53}$$

$$+24 \quad \frac{\text{SW Cor Ho}}{60}$$

$$+14 \quad \frac{4' \text{Elm}}{66} \quad +20 \quad \frac{10' \text{Elm}}{43}$$

$$+11 \quad \frac{\text{E.R.}}{22} \quad +13 \quad \frac{\text{PP}}{26}$$

$$\text{B.I.R. + B.T. curb}$$

18+00

9 405

$$+90 \quad \frac{\text{Abel St.}}{31} \quad +90 \quad \frac{\text{MH}}{31}$$

$$+71 \quad \frac{\text{Hyd}}{49}$$

$$+76 \quad \frac{\text{BR}}{27} \quad +87 \quad \frac{\text{E12}}{9}$$

$$+69 \quad \frac{\text{BR}}{22} \quad +75 \quad \frac{\text{ER (Beg. B.T. curb)}}{30}$$

$$+81 \quad \frac{\text{W.S.O.}}{5} \quad +65 \quad \frac{\text{Abel St.}}{31}$$

$$+73 \quad \frac{\text{MH}}{66}$$

$$+35 \quad \frac{\text{B.R.}}{9} \quad +52 \quad \frac{\text{ER}}{31} \quad +54 \quad \frac{\text{W.S.O.}}{31}$$

$$+32 \quad \frac{15' \text{BE}}{37} \quad +34 \quad \frac{3' \text{Plum}}{59}$$

$$+07 \quad \frac{\text{NW Cor Ho}}{45}$$

17+00

9 19

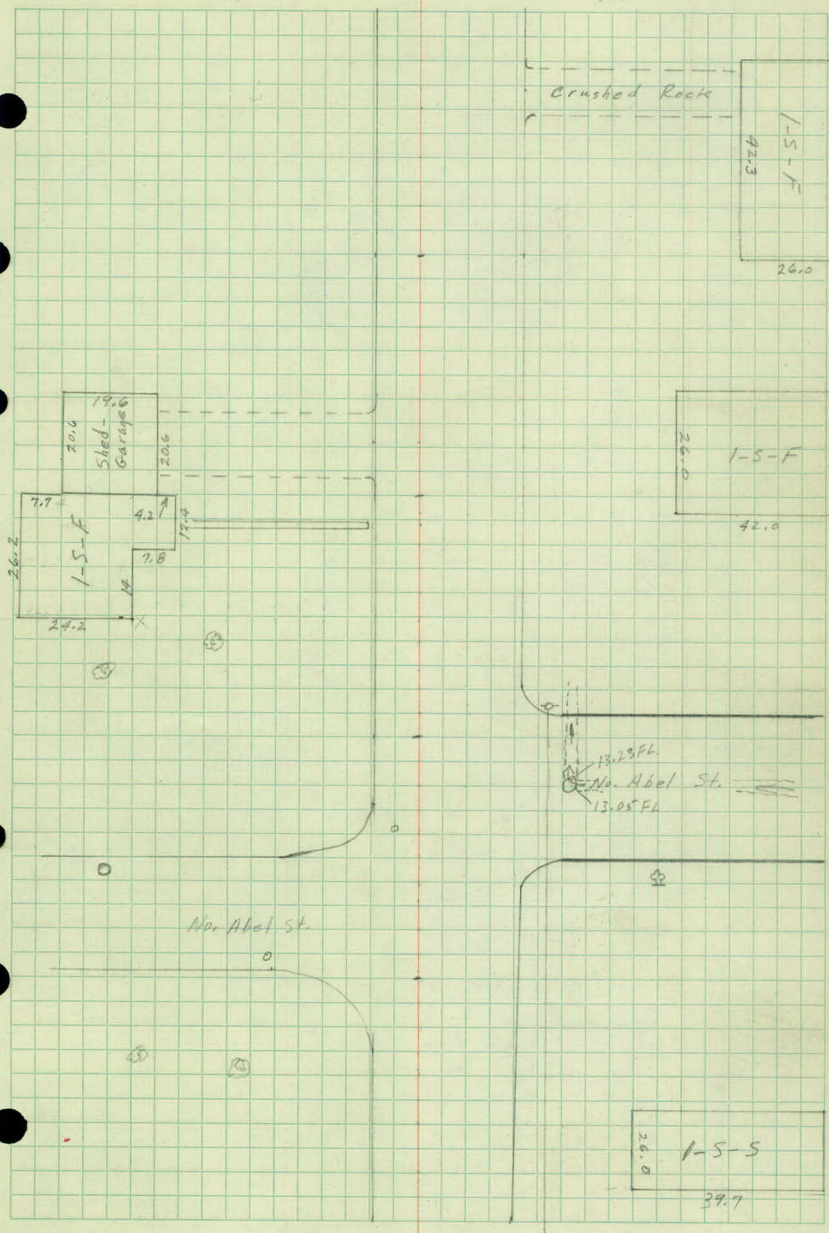
Nov 9, 1960

Lt

L

Rt

16



22+00

LH

12 19

R+

$$\begin{array}{r} \text{NW Cor Ho} \\ +74 \quad 58 \end{array}$$

$$\begin{array}{r} \text{CB} \\ +54 \quad 21 \end{array}$$

$$\begin{array}{r} \text{MH} \\ +40 \quad 25 \end{array} \quad \begin{array}{r} \text{ER} \\ +41 \quad 21 \end{array}$$

$$\begin{array}{r} \text{CB} \\ +31 \quad 38 \end{array} \quad \begin{array}{r} \text{RIR} \\ +31 \quad 36 \end{array}$$

$$\begin{array}{r} \text{End 12" SCP} \\ +07 \quad 15 \end{array}$$

21+00

$$\begin{array}{r} \text{MH} \\ +15 \quad 32 \end{array}$$

$$\begin{array}{r} \text{CB} \\ +01 \quad 39 \end{array} \quad \begin{array}{r} \text{ER} \\ +01 \quad 35 \end{array}$$

Begin

Brush

+86 38-45

$$\begin{array}{r} \text{PP} \\ +91 \quad 30 \end{array} \quad \begin{array}{r} \text{Hyd} \\ +95 \quad 45 \end{array}$$

$$\begin{array}{r} \text{CB} \\ +78 \quad 22 \end{array} \quad \begin{array}{r} \text{RR} \\ +90 \quad 22 \end{array}$$

$$\begin{array}{r} \text{NW Cor Ho} \\ +32 \quad 68 \end{array}$$

$$\begin{array}{r} \text{6" B.E} \\ +22 \quad 28 \end{array}$$

20+00

10 23

$$\begin{array}{r} \text{Wood Fe Cor} \\ +76 \quad 35 \end{array} \quad \begin{array}{r} \text{End Fe} \\ +85 \quad 19 \end{array}$$

$$\begin{array}{r} \text{24' Ent} \\ +63 \end{array}$$

L50

$$\begin{array}{r} \text{NW Cor Ho} \\ +70 \quad 67 \end{array}$$

$$\begin{array}{r} \text{11' Ent} \\ +64 \end{array}$$

$$\begin{array}{r} \text{PP} \\ +52 \quad 30 \end{array} \quad \begin{array}{r} \text{PP} \\ +52 \quad 62 \end{array}$$

Nov 9, 1960

Lt

Lt

Lt

17

39.7

39.7

Begin Brush (scattered)

12" SCP

Alt

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

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12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

12" SCP

Wanda St

1-5-F

39.8

1-5-F

39.6

26.0

crushed rock

to Ho. Sand

+41 MH
49

+26 ER 37 MH 9

+20 WSO 15 +28 MH 14

+15 BR 14 +15 PP 18

18" BE

24+00 +08 46

+61 SW Cor Ho 42 +71 W.S.O 20

+50 24" BE 100 +61 2" SW 20

+55 End Ret Wall

22" BE 95'

+50 Wall cor 37 +53 42

(Cor. Ret. Wall (6' Rock))

+44 27' (+24 RT)

23+00

+79 24" BE 92

+77 24" BE 60

End Brush

+15 45-110

22+00

+44 MH 2

+33 WSO 42

+25 WSO 36 +24 ER 49

+11 WSO 22 +17 PP 31 +20 WSO 36

+18 +00 18 +08 11 +11 31 Water Mon

+82 PP 31 +82 1" Juniper 48

16' STENT

+71

+60 Hedge 33-50 +58 (24") Planter 38

+27 Beg. Shrubbery 52 +53 End Shrubbery 52

+20 WW Cor Ho 58 +25 1" Juniper 52

+18 End Hedge 56 +19 1" Juniper 52

+18 2" Pine 52 +19 1" Juniper 52

14 18 +00 52 +09 52

+84 Hedge cor 53

+71 PP 72

+63 PP 30

+34 12' Ent No car.

RG
JL
WNS
JH

Lt

Nov 10, 1960
cold 18°, clear
RT

18

Jackson St.

8" VIT
Dry
10' ± deep

W50

W50

18.3

GAR.

24.8

12.0

18.3

2-S-F

16.4

13.5

11.0

38.2

5.1

1-S-5

26.3

crushed rock

27+00

Lt

1713

Rt

+96

6" Cott.
33+66 4" Cott
33+50 3" Cott
31+69 4' Ret Wall
55+ +69 51-55+57 NW Cor Ho
70 +60 2+56 1' Ret. Wall
50++41 1" Pine
55

+25 -15' Wood Brick Ent

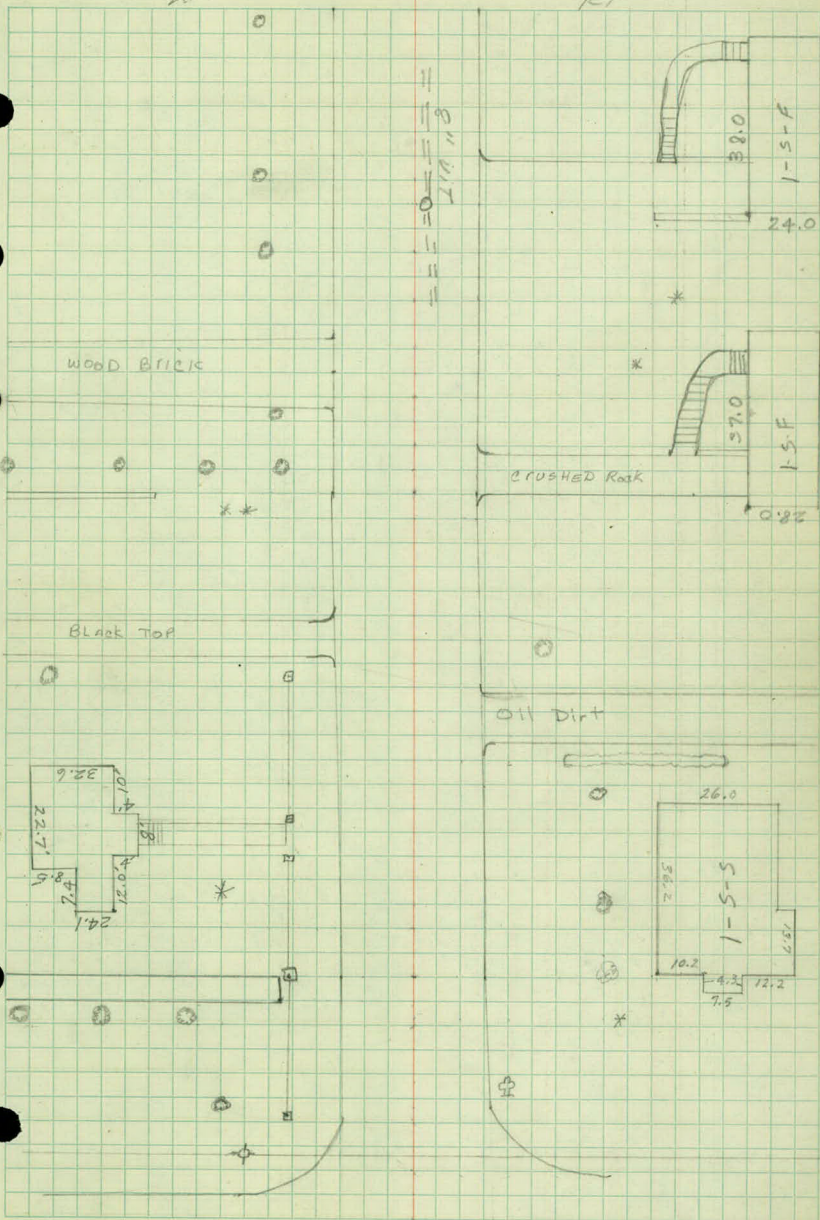
+27 2" Pine
46+18 SW Cor Ho
95 +16 6" Cott
2926+00 +05 28-44-01+85 1713 +08 Ret. Wall
58 +08 Steps
54-58(2) 1" Pines 1' Cone Wall
+96 35+39 +99 54+ +97 NW Cor Ho
70 +09 Ent 8'+70 8' BT Ent
15" BE
+62 76.
End Fe
+62 26+68 15" BE
26+54 10' Ent
RT=+50+31 Beg Fe
26
5' Walk
+28 26
+25 End Fe
26+45 Hedge
32-65+13 SW Cor Ho
62 +17 6" Pine
40+38 4" Elm
39
9" BE
+16 4025+00 +00 Fe
26
3-24" Cott
+93 47, 65+821515 +01 12" BE
41 +01 NW Cor Ho
51
+92 8" Pine
43+74 9" Hide
40 +95 RT+00 27+72 Beg W. Fe.
26 +72 E.R.
75+73 ER
16 +79 Hyd
20+64 PP
35+64 PP
95+50 +55 BR
36+59 BR
42

320 - P. C. A.

2

RT

19



Lt

C

Rt

$$+49 \frac{\text{Beg. F}}{30}$$

$$+46 \frac{\text{Bush}}{30}$$

+38

D'ENT 11'

$$+38 \frac{6" \text{ DOT}}{52}$$

$$+33 \frac{\text{STEPS}}{60-64}$$

$$+33 \frac{\text{RET. WALL}}{64}$$

29+00

17 14

+06

$$\frac{\text{NW COR.}}{70}$$

$$+79 \frac{\text{MH}}{2}$$

$$+63 \frac{\text{STEPS}}{58-62}$$

+69

11' BT ENT.

$$+38 \frac{2" \text{ PINE}}{49}$$

$$+38 \frac{\text{NW COR.}}{70}$$

$$+07 \frac{\text{STEPS}}{52-56}$$

28+00

$$+13 \frac{11' \text{ BT ENT.}}{1712'}$$

$$+07 \frac{1' \text{ RET. WALL}}{56}$$

$$+84 \frac{\text{NW COR.}}{71}$$

$$+65 \frac{(3) 2" \text{ PINES}}{36, 46, 56}$$

$$+49 \frac{\text{Beg. WF}}{38, 1'}$$

$$+44 \frac{2 \text{ ELM}}{55, 70'}$$

$$+43 \frac{\text{ELM}}{39'}$$

$$+23 \frac{\text{NW COR.}}{70}$$

$$+20 \frac{\text{STEPS}}{57-61}$$

$$+201' \frac{\text{RET. WALL}}{61}$$

$$+14 \frac{\text{BT ENT. } 10'}$$

$$+26 \frac{6" \text{ ELM}}{36}$$

$$+08 \frac{1' \text{ RET. WALL}}{43}$$

27+00

17 12

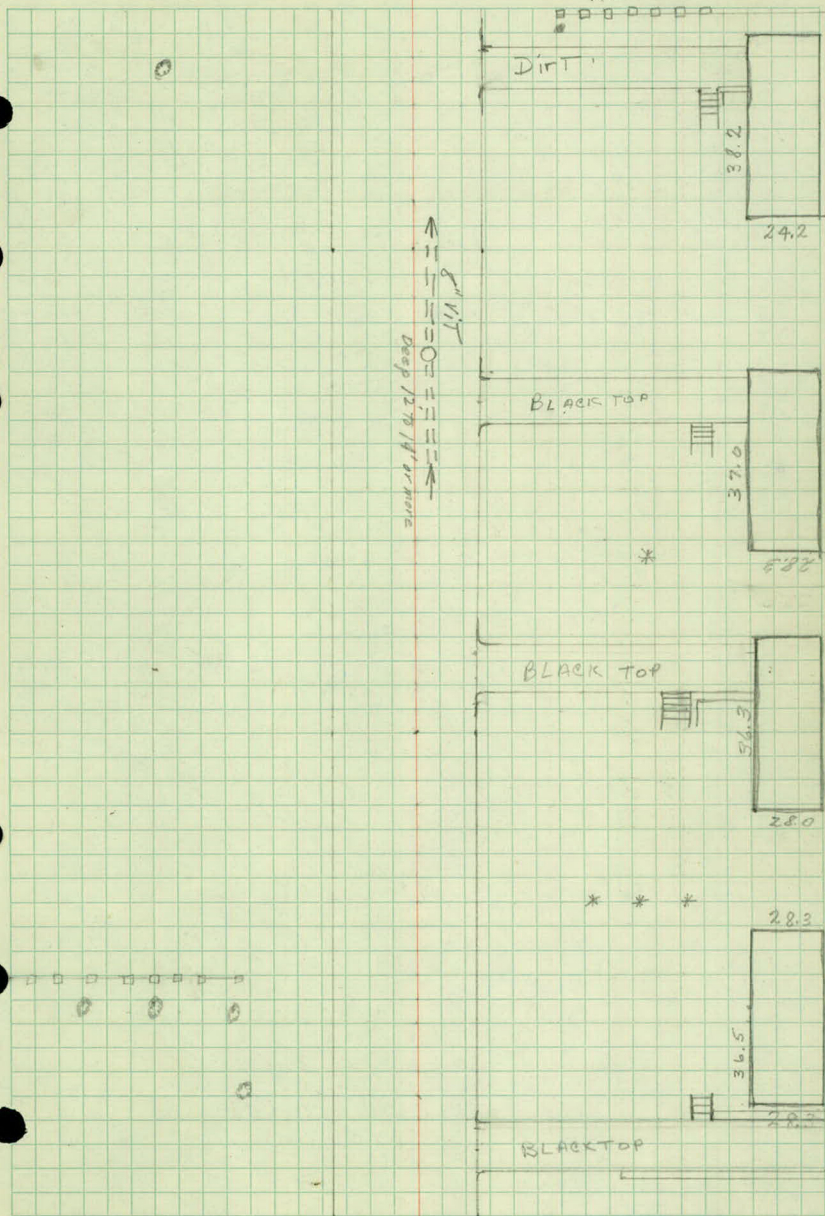
Nov 10, 1960

Lt.

£

Rt

20



32+00

Lt

15' 15'

Rt.
+91 DENT. 10'
+79 D. ENT. 10'

+95 COTT 46
+88 COTT 34
+26 END BTR 17
+26 End R. 17
+15 Beg R. 27

+34 N.W. Cor. 71

31+00

+81 BTR 21
+84 ER 32
+73 BR 16
+99 MH 2

+34 NW Cor. 67
+14 MAPLE 47
+14 PINE 33

AL (Arch)
+77 22
+65 HYD 19

+27 COTT 42
+05 6" COTT 43
+00 6" COTT

+08 Hedges 33
+03 Bushes 26

+56 D. ENT. 10'
+36 3' SW 13

30+00

+00 47 16 13 +96 11' D ENT.
+86 Bush 30
+88 5" COTT 35'
+91 STEPS 60-64

+61 10" COTT 40

+65 NW Cor. 70
+51 Hedge 30-

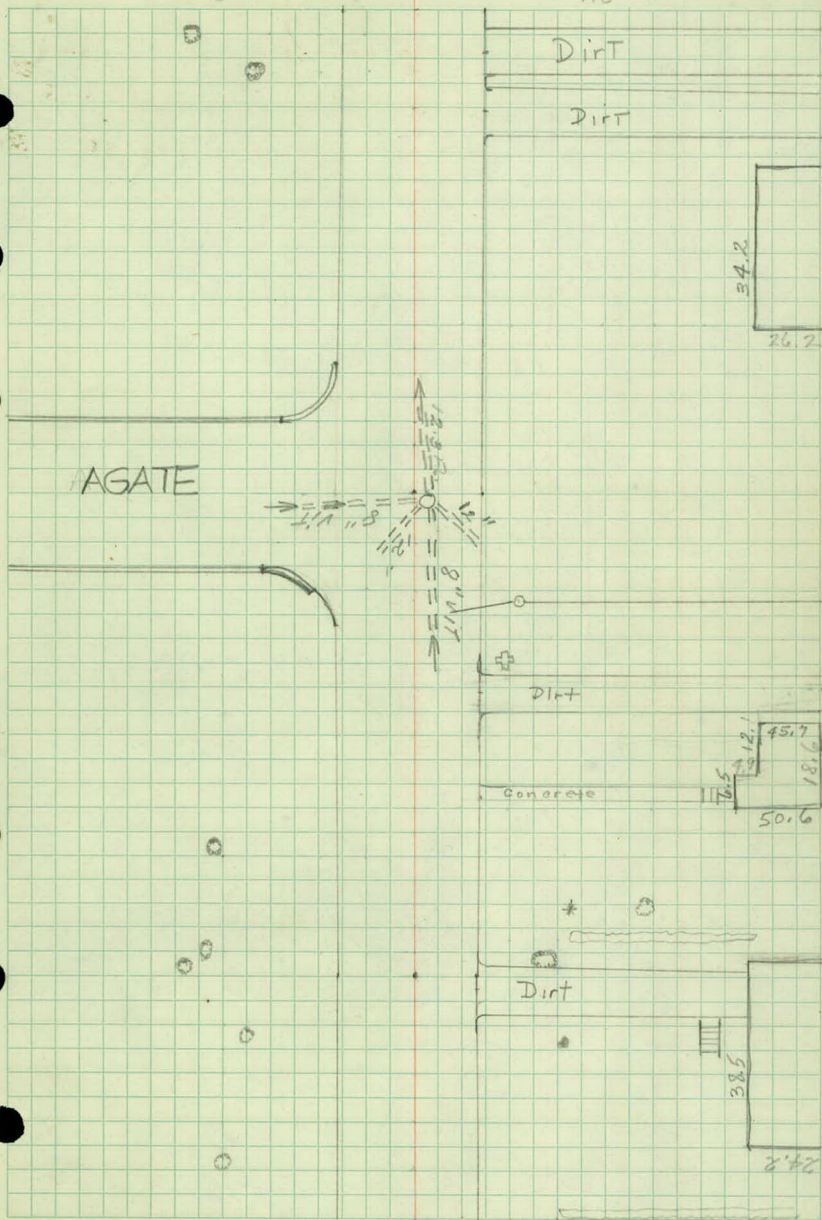
Nov. 10, 1960

Lt

2

Rt

21



Lt

C

Rt

34+00

41 21

+50

31

+16 $\frac{\text{Beg Bt Curb}}{22}$

+12 $\frac{\text{Beg Bt Curb}}{18}$

+00 Edge BLACK Bridge Approach

33+00

19 18

+23 $\frac{W 30}{22}$
+00 $\frac{\text{New Cut Ho}}{70}$

32+00

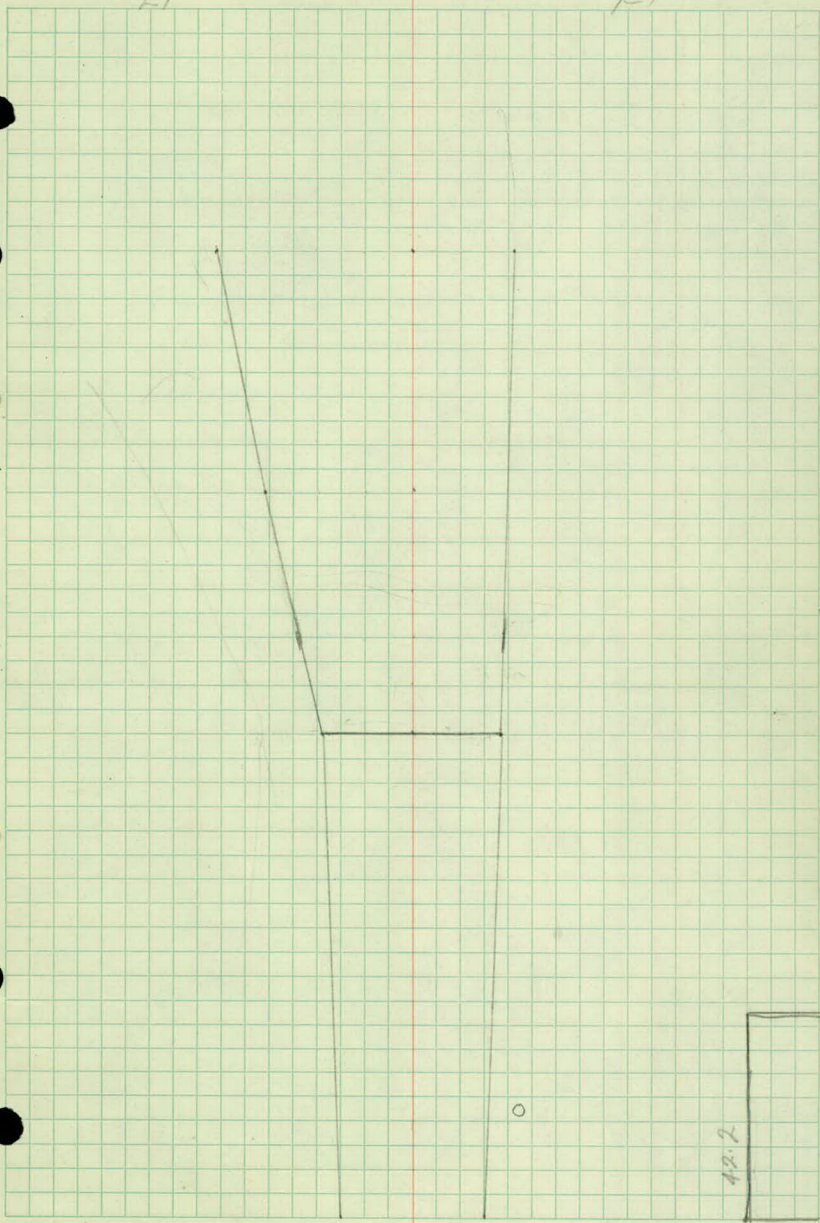
Nov 10, 1960

Lt

L

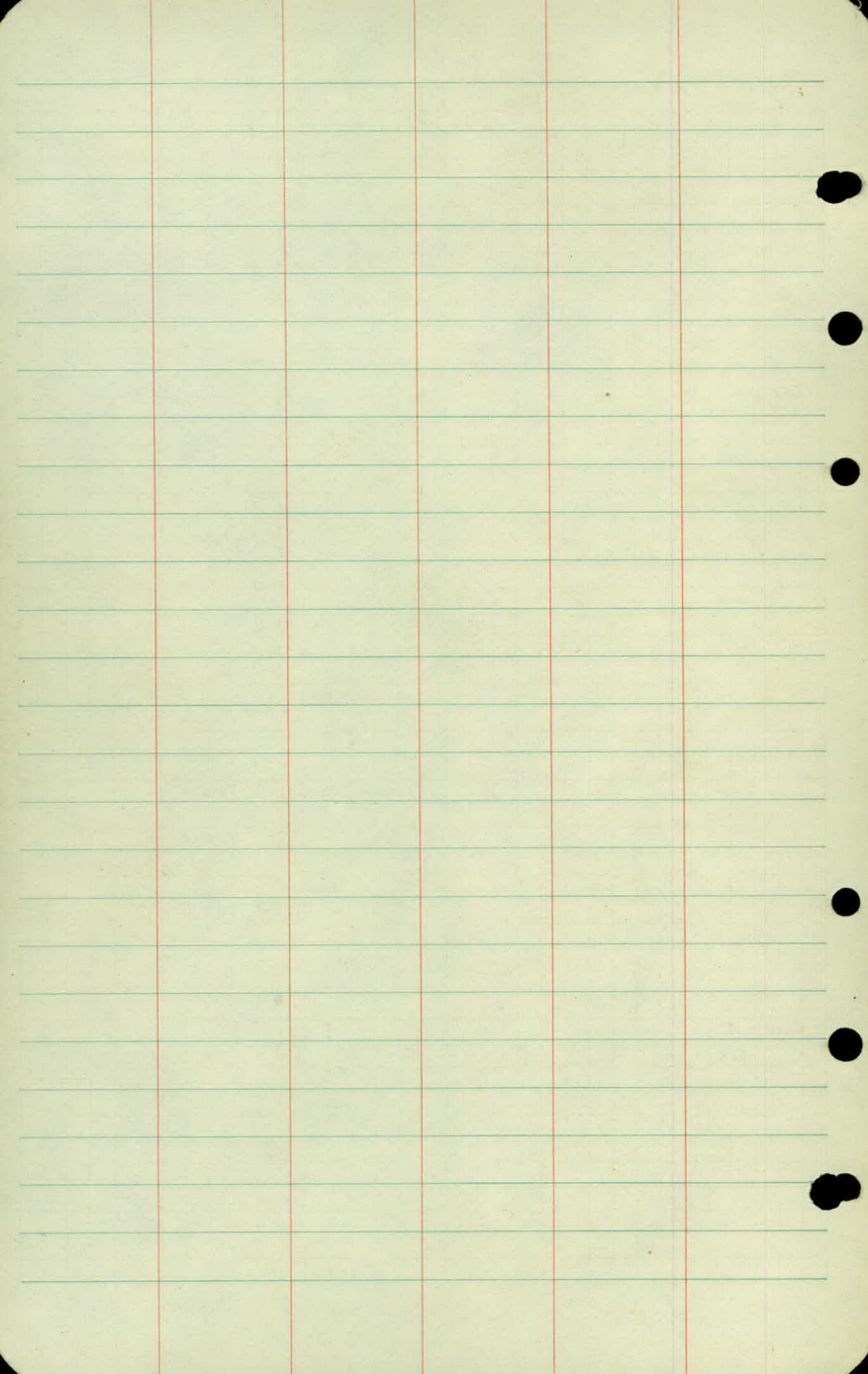
Rt

22



42.2

26.0



Larpentour Ave.

N^W 1/4 Menemys to Edgerton

Topography pages 7-13

E

L+ 16' Ent. Gas Valve 17 17 +57 78 +61 38 +69 E. Rad PEdgement MH B. Rad +42.5 26 +57 32 B. Rad E. Rad +13 17 +26 31	RT 18' Ent +96 17 2 SW +63 44 NW Cor Ho +47 72 PP +30 33
--	---

54+00 +93 14 Ent +70 29 RT+05 +40 SE Cor Bar 57	17 17 OB +68 30 +78 S. End 18" X 28" SCF 57
--	--

53+00 W. end 15" SCF +61 39 PP +50 95	17 17 Service Ent. 14' +36 RT +30 PP +51 32
--	---

52+00 18' +90 5" Maple Ent. 29 +70 17 +70 43 1" Pine ELM +48 49 +38 45 Gas Valve 1" Pine ELM +03 33 +12 48 +14 48	17 17 +01 NW Cor Bar 50 +08 14' Ent +30 65 Tree Mt. Ash +81 60 NW Cor Ho. +39 44
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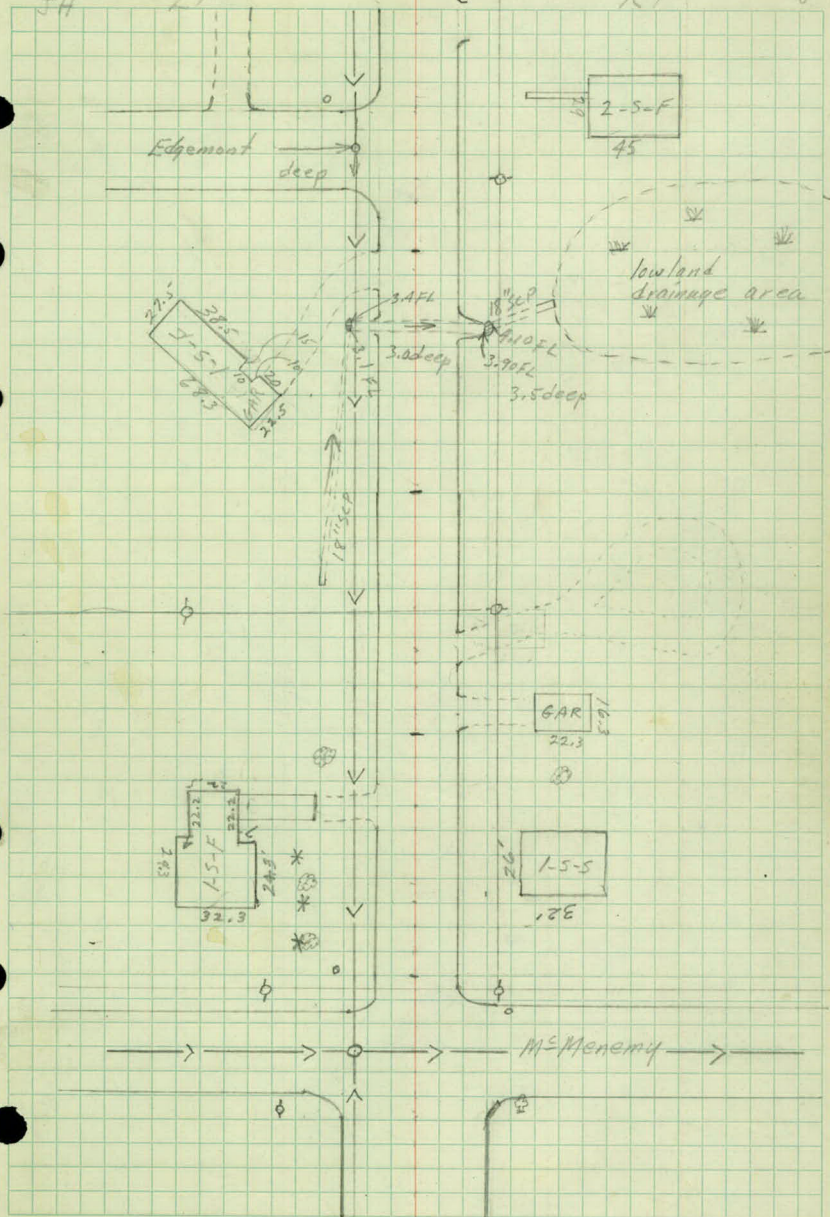
51+00 PP +94 62 B. Rad +85 28 End Carb +41 30 B. Rad +41 30	17 17 MH +69 25 E. Rad +90 17 PP +43 57 E. Rad +51 47	B. Rad +188 33 PP +44 35 B. Rad +43 30 Hyd +49 45	E. Rad +95 17 Gas Valve +85 39 E. Rad +50 47 End Carb +48 37
--	--	---	--

50+00	30 30
--------------	--------------

RG
JL
WM
JH

Dec. 6, 1960
clear, Windy, 20°
Rt

8



Lt

 $\frac{E}{17.17}$

Rt

59+00

17 17

 $\frac{PP}{+91.34}$
 $\frac{B, Rad}{+65.40}$
 $\frac{E, Rad}{+72.17}$

+66-25' Ent.

 $\frac{B, Rad}{+24.17}$
 $\frac{E, Rad}{+35.42}$
 $\frac{MH}{+49.24}$
 $\frac{CB}{+16.16}$

58+00

17 17

 $\frac{CB}{+58.16}$
 $\frac{PP}{+41.34}$
 $\frac{S, End 18" SCP}{+08.60}$

57+00

17 17

 $\frac{PP}{+47.86}$
 $\frac{PP}{+45.35}$
 $\frac{Row 2 Poplars}{+41.66+}$

56+00

17 17

Scattered Pines 57' Lt

RT = 56+11

 $\frac{2" Elm}{+61.55}$
 $\frac{2" Elm}{+68.53}$
 $\frac{SW Cor Ho}{+70.69}$
 $\frac{1" Pine}{+48.78}$
 $\frac{1" Pine}{+51.53}$
 $\frac{1" Pine}{+54.48}$
 $\frac{PP}{+61.33}$

55+00

17 17

RG
JL
WM
JH

Dec 12, 1960
Cold, Clear to Fair

Lt

E

Rt

9

Arkwright St

4.0
Deep

Rem. 2-C.B.

4 P. pipe
15" x 166'
18" x 78'

44FL

4.0 Deep

15' x 18"
44FL

Ditch

Scattered Small
Pines

1-5-5
12.0

65+00

Lt

E

Rt

Pt. on Rad
+91.75MH
+89.28
Pt. on
rad

sw Pier

Cor. S.W.

+88.21

+92.15

Arc. Kite

E. carb

rad

PP

carb

carb

+59.34

+63.34

+75.50

+59.34

+63.17

+77.15

B. Rad

+32.17

64+00

17 17

PP

+66.32

63+00

17 17

PP

+16.33

62+00

17 17

+69.26
MH

61+00

17 17

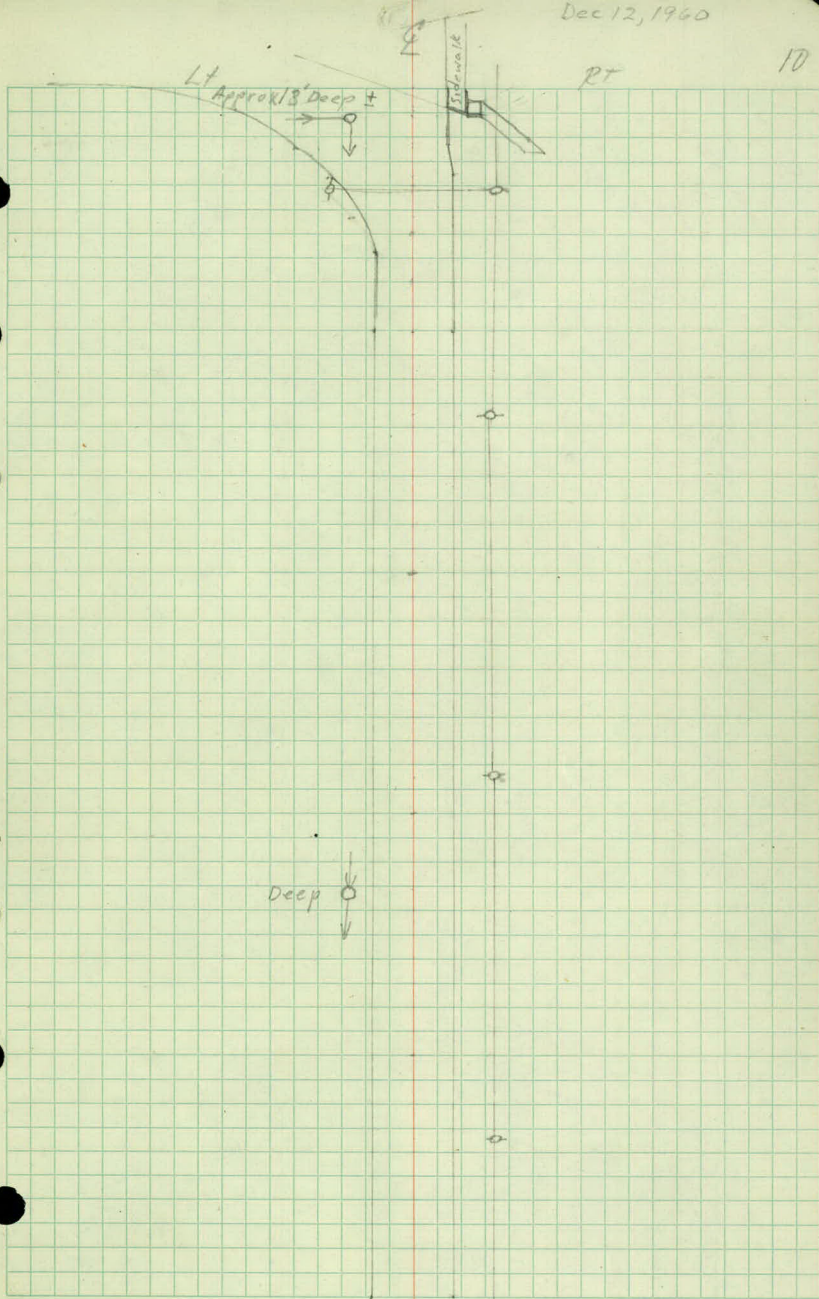
+65.34
PP

60+00

17 17

Dec 12, 1960

10



L7

L7

R7 +99 12' Ent. PE +90

70+00	PP	17 17	End Curb	End 10' lacs
+80	27	+70	17.5	+68 36
No. end 18" Sep	SW Cor Ho	10" Elm	Beg. Lacs	
+05 53	+69 74	+54 39	+49 60	
+51 Ent 12'	Cor. Ref. Wall 4' c	14 Elm	8" Pine	
9" Pine	+60 40	+38 54	+46 63	
+32 68	+32 75	16" Elm	8" Apple	
	Scattered Trees	+20 39	+03 29	
69+00	+00 70-100'	17 17	12" Apple	

75 MH
4

68+00	17 17	400 45	NW Cor Ho
-------	-------	--------	-----------

+91 28	+83 66		
10" Apple	12" Apple	10" Apple	
+66 45	+76 28	+84 45	
10" Apple	4" Elm	PP	
+50 24	+53 46	+55 58	

67+00	16 17	PP
-------	-------	----

End S.W.	NE Pier	Curb	End S.Walk	Curb	Beg. Curb
+78 15	+80 17	+76 17	+50 15	+67 15	+50 15
Curb		PP	SE Pier		
+29 16		+36 35	+45 19.5		

66+00	15 15
-------	-------

G. Rail	G. rail	Cor NW Pier
+18 33	+20 39	+20 17
Pt. on R.	B. Guard	
+40 77	+17 25	
Pt. on R.	Pt. on R	
+20 38	+30 60	
Pt. on rad.	B.S.W.	
65+00	+13 22	+20 15

R6
JL
WM

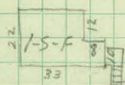
Dec 12, 1960
Dec 13, 1960

11

Lt

R

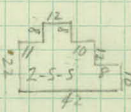
Rt



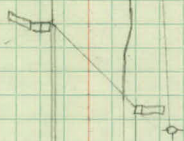
6' Smooth wire F

Scattered trees

Sec notes
Final - 50-50



Scattered Trees



Sideview R

Bridge

Sideview L

Desoto St.

LT

Q

RT

75+00

17 17

NW Cor Ho

+79 .65

3'S. Walk

+63 .27-60 +69 Ent (10')

NW Cor Ho

+22 .65

Beg Bt. Curb

+18 .17

17 17

Sapling Maple

+00 .40 +13 - Ent (10')

74+00

B. Curb

+73 .17

+51 $\frac{MH}{5}$

B. Rad

E. Rad

+66 .30 +73 .17

B. Rad

E. Rad

E. Curb

PP

NW Cor Ho

+38 .17 +45 .30 +38 .17 +61 .31 +66 .65

16" Elm

PP

NW Cor Ho

PP

+30 .33 +37 .29

+15 .65 +35 .31

16" Elm

73+00 +14 .63 17 17 +08 -10' Ent

12" Elm

E. Lilacs

14" Elm

3' SW

+60 .35 +54 .31 +75 .34 +94 .33

End Lilacs

B. Lilacs

4" Apple

10' Ent

NW Cor Ho

+25 .32 +32 .32 +50 .49 +53 .65 +60 .64

18" Elm

5' Apple

18" Elm

+24 .37 +34 .49 +96 .34

4'S. W.

W. S. Off

SW Cor Ho

NW Cor Ho

+86 .29 +07 .29 +70 .61 +04 .65

14" Elm

SW Cor Ho

92+00 +02 .37 +02 .51 17 17 +94 .18' Ent

E. Rad

PP

B. Lilacs

PP

PP

+85 .17 +88 .31 +95 .32 +84 .30 +87 .30

B. Rad

Pt. on Rad

RT = +90

+64 .17 +66 .36

Beg Curb

NW Cor Ho

+85 .17 +91 .65

71+00

17 17

SW Cor Ho

Flag pole

NW Cor Ho

+71 .112 +63 .67 +80 -12' Ent +90 .65

B. Rad

CB

B. Rad

PP

CB

PP

+53 .17 +62 .31 +73 .17 +54 .29 +67 .31 +73 .29

B. Rad

E. Rad

NH

+36 .37 +41 .17 +24 .5

(Ent) B. Rad

Fe Cor

E. Rad.

Hyd

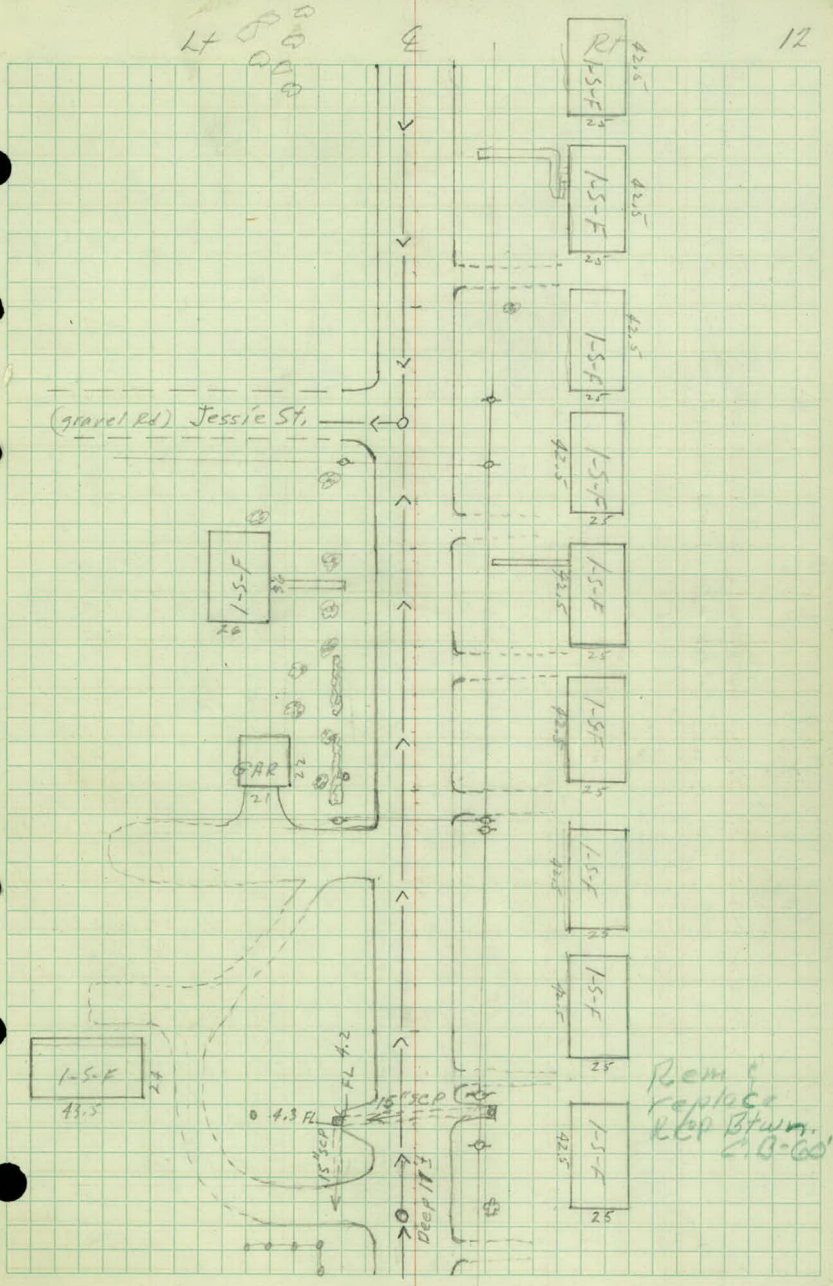
NW Cor Ho

+14 .17 +15 .39 +21 .35 +31 .31 +29 .65

70+00

17 17

+09 12' Ent.



Lt

E

Rt

E. end 18" X ? am
 +24 20
 E. Rad
 +21 15

+21 E. Rad
15

77400
 B. Rad
 +97 .50
 E. Rad
 +60 .22
 E. Curb
 +53 .17
 B. Rad
 +53 .17
 MH
 +50 .17
 MH
 +11 5

17825 Edgerton ±
 E. Rad
 +60 .22
 Hyd
 +58 .35
 NW Cor 5' S. W.
 +46 40
 PP

B. Rad
 +97 .36
 E. Curb
 +60 .22
 B. Rad
 +57 .17
 PP
 +54 .19

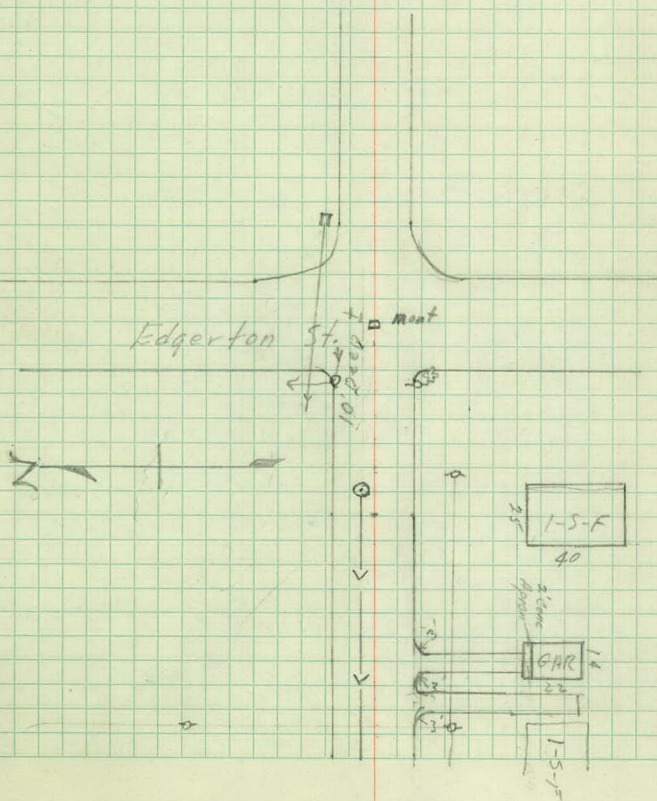
76+VD.

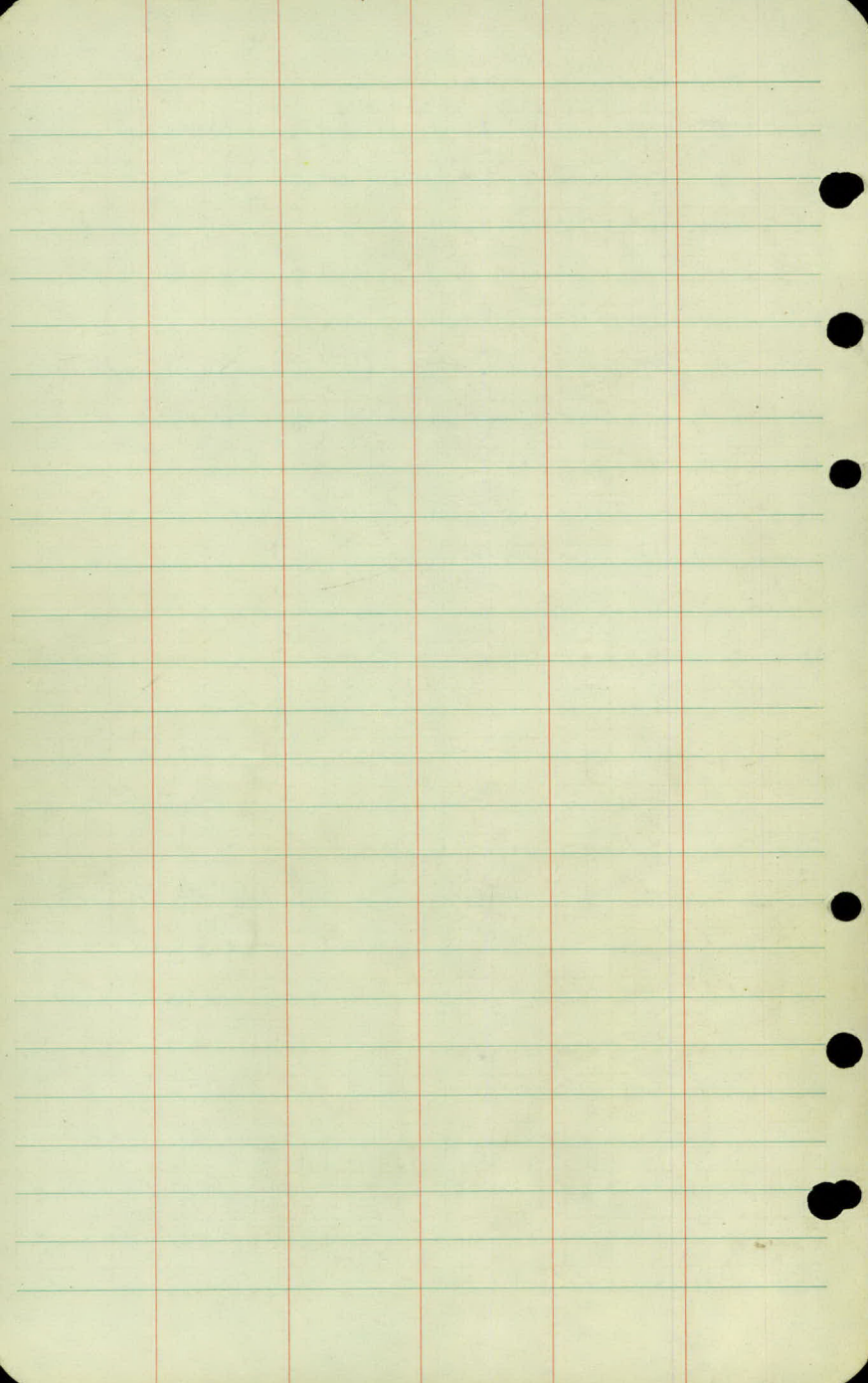
1717 +08 33
 NW Cor Ho
 +89 .64

NW Cor Gar Rt = +32
 +34 .65
 9' BT Ent (3' Rad)
 +39 .17

75+VD
 +11 PP
78

1717 +23 8' BT Ent
.17
 3' Rad.
 +14 PP
32





R6
JS
JL
FS
WM

Feb 2, 1961

1

Manhole Adjustments

Larpenteur Ave

Rice st to McMenemy

Sta

Adj

4+40

24' Lt

-1.4

7+06

23' Lt

-1.3

17+90

32' Rt

~~38' Rt~~

-1.2

50+69

25' Lt

-1.3

M=Menemy

2+25' No.

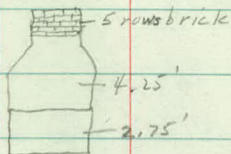
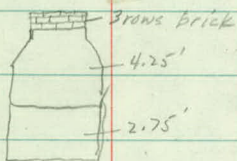
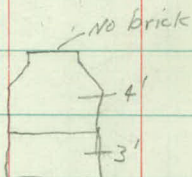
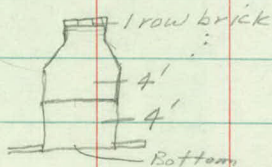
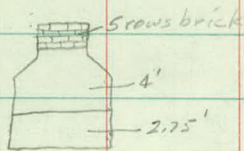
♀

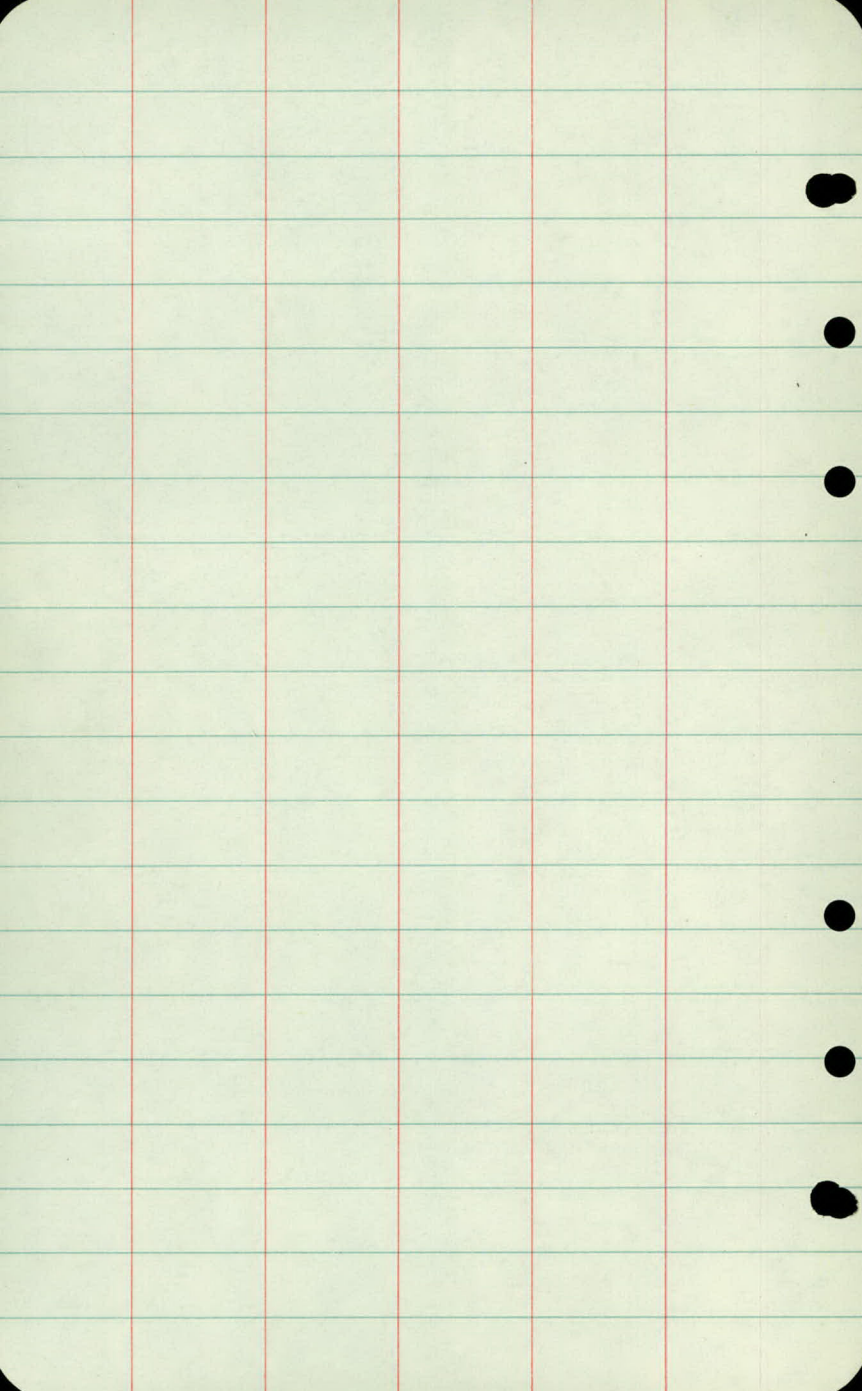
-1.62

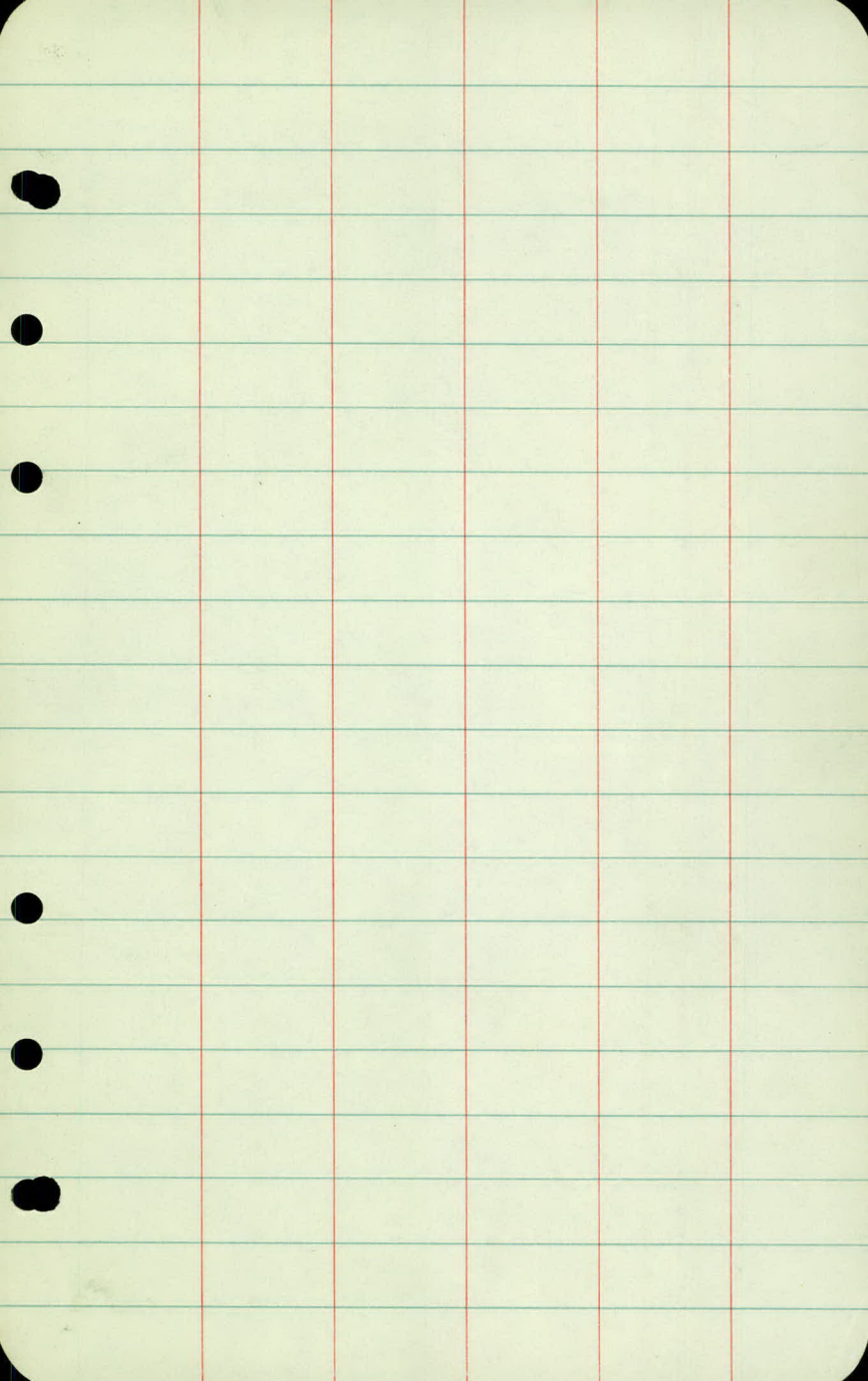
Feb 2, 1961

Description

2







Sta 7+00 Top Water Main

18+50 Top Water Main

19+00 Top Water Main

FK
RG
JL
WM
JH

Dec. 15, 1960

2

11.5' Lt

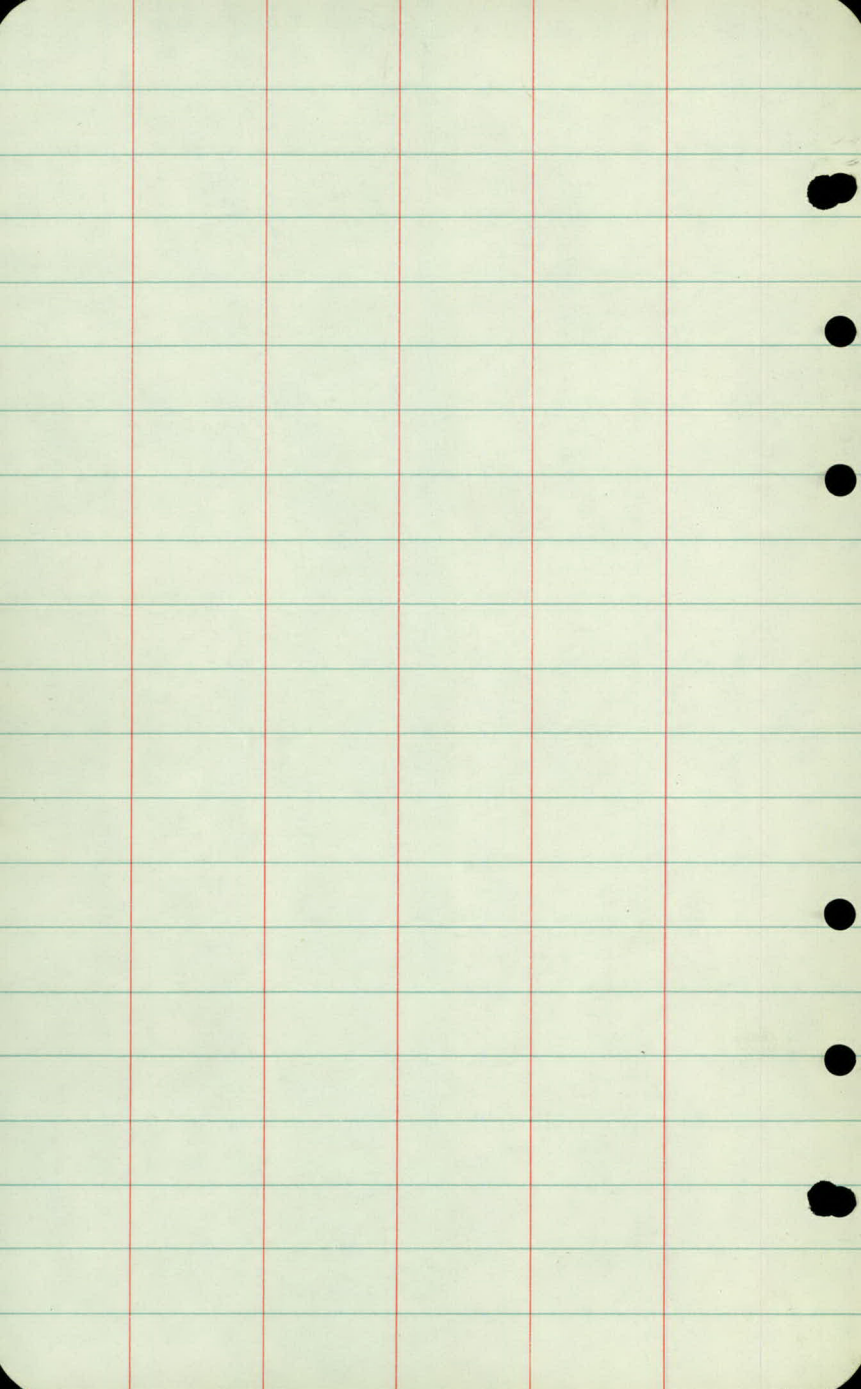
5.3' Below Ground

7.0' Lt

5.6 Below Ground

6.3' Lt

5.6 Below Ground



RG
JL
RW

Nov. 3, 1960
clear, 45°

4

Bench Levels

Larpenfour Ave.
Rice St. to McMenemy

4 Pages (4-7)

Sta	+	T	-	Elev	
B.M.	2.91	875.74		872.83	
T.B.M.	0.45	875.57	0.62	875.12	
T.B.M.			5.77	869.80	
T.P.	0.48	864.30	11.75	863.82	
T.B.M.	1.01	854.30	11.01	853.29	
T.P.	11.03	864.20	1.13	853.17	
T.P.	13.62	876.75	1.07	863.13	
T.B.M.			8.66	868.09	Disregard — Not stable
T.B.M.			1.57	875.18	
T.P.	13.56	889.84	0.47	876.28	
T.B.M.			11.96	877.88	
T.B.M.	4.51	891.65	2.70	887.14	
T.B.M.			1.14	890.51	
T.B.M.	10.74	890.32	12.07	879.58	
B.M.			5.14	885.18	885.21
B.M.	9.06	894.27		885.21	885.22
B.M.			1.97	892.30	892.30
TP	0.69	884.18	10.78	883.49	
B.M.	0.17	872.87	11.48	872.70	872.70

RG
JL
RW

LOCATIONS

Nov. 3, 1960
clear, 45°, Windy

5

USGS #8 NE Cor. Rice St. & Wheelock Pkwy.

Top Hyd W side Rice St. #1. W CALIFORNIA

Top Hyd. SW corner Rice & Larper

Top Light Base NE corner CONOCO STA.

Top NW corner of bottom step Ho. # 94 W. LARP.

Rock

Rock

Top NE corner of Top step Ho. # 8 E. Larp.

Top E side door sill Ho. # 33 E. Larp.

Rock

Spike IN P.P. SE of inters. E Larp. & N Burney

Spike IN P.P. SE Corner N ABEL & E Larp.

Top of Hyd. SW corner N ABEL & E Larp.

Top of Hyd. SW corner Wanda & Larp.

TOP NE corner Bottom step Ho. # 1701 Jackson

" " " " " " "

Top Hyd. SE Cor Jackson & Larp.

Rock

Top Hyd. SE cor Larp & Agate

Sta	+	π	-	Elev	
		872.87			
TBM	0.41	860.06	13.22	859.65	859.65
TBM			4.18	855.88	855.93
TP	10.05	869.40	0.71	859.35	
TP	5.55	873.14	1.81	867.59	
TBM	7.45	867.99	12.60	860.54	860.61
BM			7.36'	860.63	860.71
BM			10.19	857.80	857.89
BM	5.62	863.51		857.89	
BM			2.80	860.71	
BM	10.55	871.16	2.90'	860.61	
TP	4.76	874.29	1.63	869.53	
BM			1.41	872.88	
BM			4.30	869.99	
TP check			6.63	867.66	
TP	1.42	864.72	10.99	863.30	
BM			8.79'	855.93	
BM			8.85	855.87	

Top NE cor lower steps Ho #184 E. Larp.

Spike in PP So. of Ho #215 E. Larp.

SE cor wooden House Ent. #223 E Larp
stake

Spike in PP So. Side Larp 200' ± W of M^c Menemy

Top Hyd SW cor Larp, $\frac{1}{2}$ M^c Menemy

Top NE cor lower step #1675 M^c Menemy

RG; JL; JH; RW = crew

Nov 4, 1960

Top NE cor lower Step #1675 M^c Menemy

Top Hyd SW cor Larp + M^c Menemy

Spike in PP So. Side Larp 4200' ± W. M^c M.

Pt on Bridge

Top SE cor SE Pier

Brass plug SE Pier
stake

Rock

Spike in PP So. of Ho #215 E. Larp

State BM. RR spike in above pole

Sta	+	π	-	Elev	Adj. Elev.
TP	5.22	860.00	9.94	854.78	
BM	13.24	872.92	0.32	859.68	859.65
BM	11.93	884.66	0.19	872.73	872.70
TP	11.21	894.73	1.14	883.52	
BM	0.25	892.57	2.41	892.32	892.30
BM			7.35	885.22	885.21

Nov 4, 1960

7

Stake

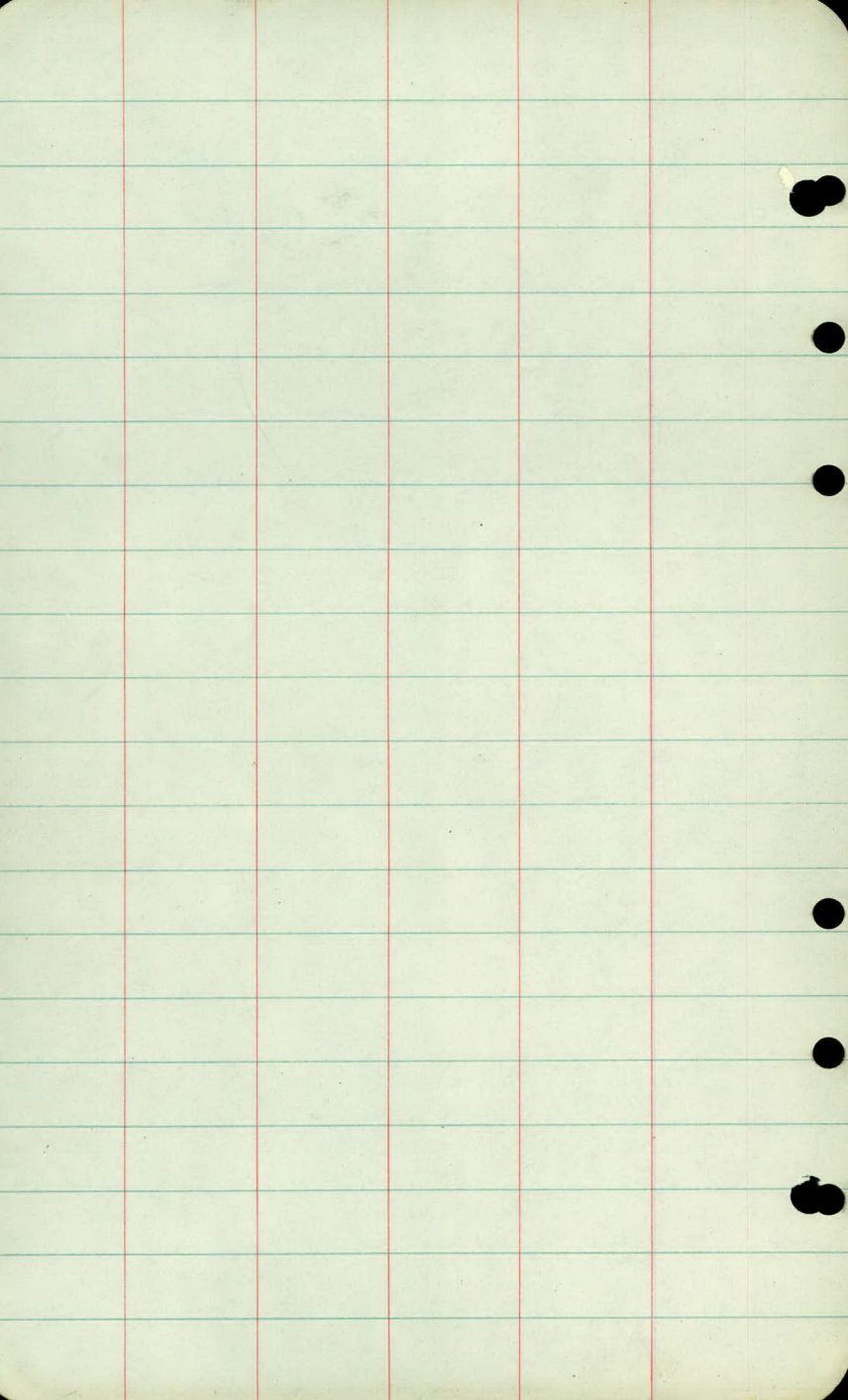
Top NE Cor lower steps Ho # 184 E Larp.

Top Hyd SW Cor Larp + Agate

Rock

Top Hyd SE Cor Larp + Jackson

Top NE Cor lower step Ho # 1701 Jackson



Dec 1, 1960

Larp. Ave.

7-A

Bench levels

Jackson to McMenomy

3 pages

Bench levels
O.K.

✓
G.

Sta	+	π	-	Elev	
BM	9.68	894.89		885.21	
BM			2.58	892.31	892.30
TP	0.13	884.63	10.39	884.50	
BM			11.89	872.74	872.70
TP	0.14	871.28	13.49	871.14	
BM	0.48	860.18	11.58	859.70	859.65
BM	11.46	871.04	0.60	859.58	859.54
BM	1.10	871.07	1.07	869.97	869.99
TP			8.60	862.47	862.42
BM	2.63	863.21	10.49	860.58	860.61
BM	0.37	861.04	2.54	860.67	860.71
BM			3.19	857.85	857.89
BM	3.19	861.04		857.85	
BM	2.69	863.36	0.37	860.67	
BM			2.78	860.58	
TP	10.225	872.70 872.695 4 795	0.89	862.47 869.97	
BM			2.73	869.965	
TP	1.73	869.63	4.795	867.90	

KG
WM
JH
LB

Dec 1, 1960
cold, clear

7-B

Top NE Cor bottom step Ho #1701 Jackson

Top Hyd SE Cor Larp & Jackson

Rock

Top Hyd Larp & Agate (Top Loose)

spike in PP Larp & Agate

Top NE Cor lower step Ho #184 E Larp

Top SW Cor Ent slab Ho #223 E Larp

Brass plug in SE Cor Bridge

Nail in PP 35' RT sta 47+15

spike in PP approx 200' W of McMenamy

Top Hyd SW Cor Larp & McMenamy

Top NE Cor lower step Ho #1675 McMenamy

Top NE Cor lower step Ho #1675 McMen.

Top Hyd SW Cor Larp & McMen.

Spike in PP approx 200' W of McMen

Nail in PP 35' RT sta 47+15

Brass plug SE Cor Bridge

Top PK nail

Sta	+	Σ	-	Elev	
BM		869.63			
BM	1.89	861.45	10.07	859.56	
BM	13.17	872.83	1.79	859.66	859.65
BM			0.13	872.70	872.70
BM	13.79	884.89	1.73	871.10	
TP	10.26	894.73	0.42	884.47	
BM			2.44	892.29	892.30
BM			9.53	885.20	885.21

Dec 1, 1960

7-2

Top SW cor conc Ent slab Ho #223 E Larp

Top lower step Ho #184 E Larp

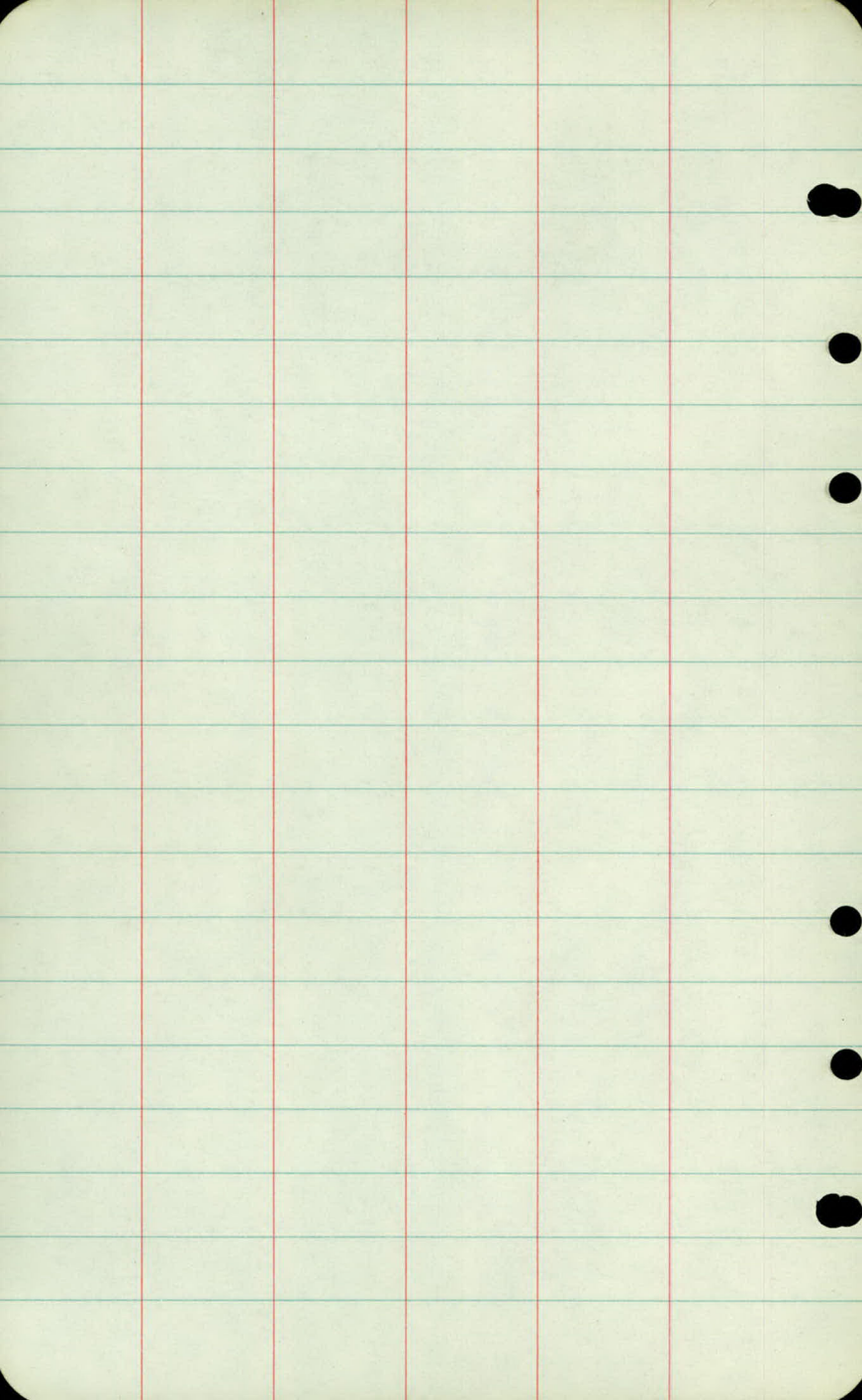
Top Hyd Larp, Agate

Spike in PP Larp + Agate

Rock

Top Hyd SE cor Larp + Jackson

Top NE cor lower step Ho #170 Jackson



Jan 5, 1960

Larp Ave
McMenemy to Edgerton

Bench Levels

Sta	+	π	-	Elev	
BM	7.36	865.25		857.89	
BM	11.31	872.48	4.08	861.17	
BM	13.21	883.60	2.09	870.39	
BM	12.46	895.08	0.98	882.62	
BM	2.81	897.04	0.85	894.23	894.34
BM	5.23	896.08	6.19	890.85	
BM	4.66	897.80	2.94	893.14	
BM			1.20	896.60	896.60

Jan 5, 1961

2

Top NE Cor lower step Ho# 1675 McMenamy

Top NW Cor. Conc Ent slab Ho# 342 E Larp

Spike in PP 30' RT Sta 57+40 ±

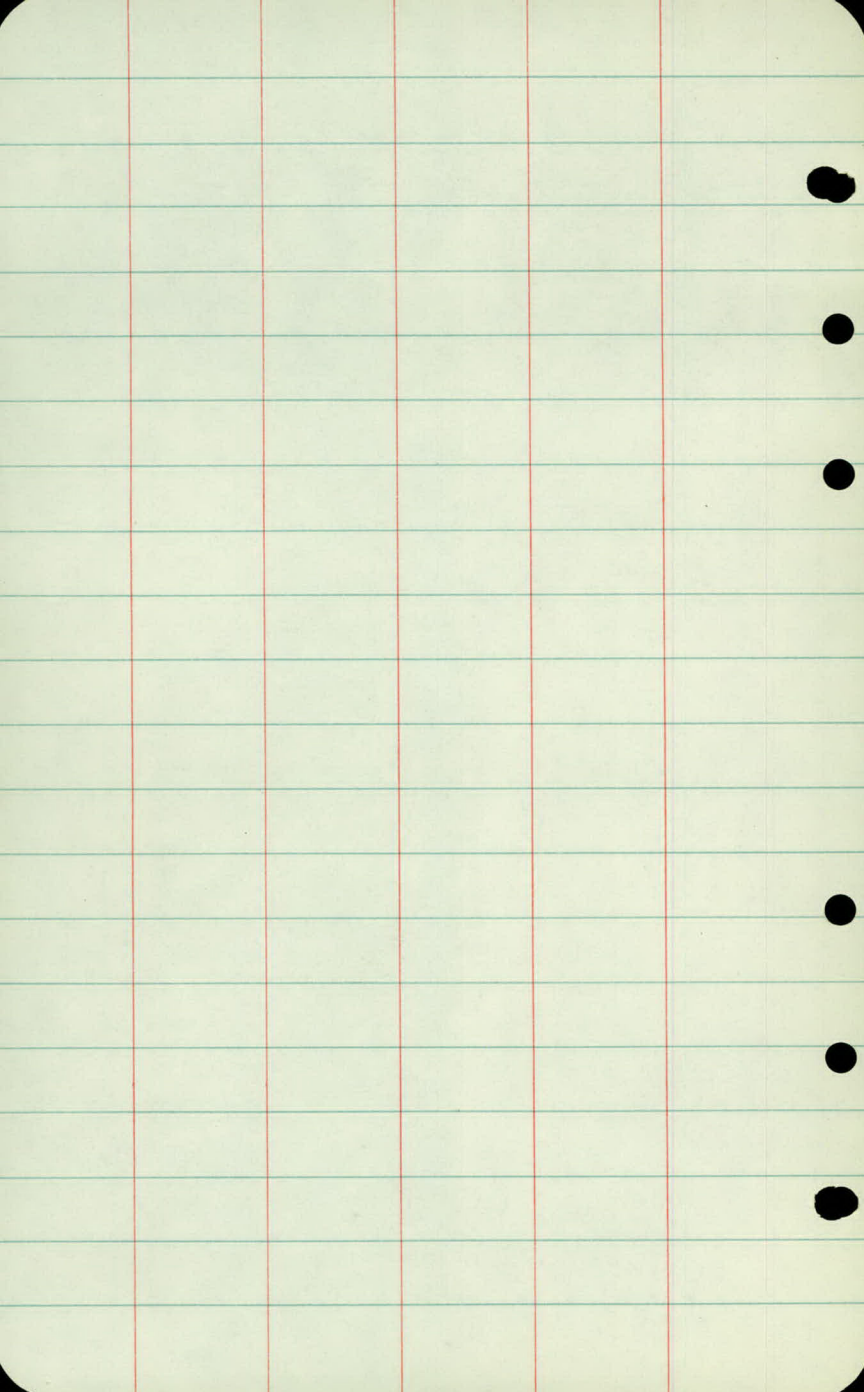
Spike in PP 30' RT Sta 60+65 ±

Brass Plug in SE pier Bridge

Top Hyd Ho# 516 E. Larp

Top NW Cor. lower step Ho# 546 E. Larp

Top Hyd SE Cor Larp & Edger ton



KG
JL
WM
JH

Dec 5, 1960 4
Cold, windy, Damp

Larpentour Ave

McMenemy to Edgerton

Bench Levels

Sta	+	π	-	Elev
BM	6.99	864.88		<u>857.89</u>
BM			4.16	860.72
		871.16		861.14
TBM	10.02	871.19	3.74	861.17
		883.64		870.39
BM	13.25	883.67	0.77	870.42
				875.47
BM			8.17	875.58
		895.75		882.67
BM	13.08	895.78	0.97	882.70
		897.83		894.77
BM	3.56	897.86	1.48	894.38
				889.74
BM			8.09	889.77
		895.45		890.87
BM	4.58	895.48	6.76	896.90
		898.27		893.42
BM	4.85	898.03	2.03	893.18
				896.90
BM			1.37	896.66
				<u>896.66</u>
		897.02		896.90
BM	0.12	896.78		896.66
		893.49		893.43
BM	0.06	893.25	3.59	893.19
				891.15
BM			2.34	890.91
		897.49		890.03
BM	7.41	897.20	3.46	889.79
		897.10		894.56
BM	2.54	896.86	2.88	894.32
		889.62		888.41
TP	0.21	888.38	8.69	888.18
				892.97
BM			5.65	882.73

RG
IL
WM
JH

Dec 5, 1960
Rain, Cold 5

Top NE Cor lower step Ho #1675 M^cMenemy

Top Hyd SW cor Larp + M^cM.

Top NW cor. conc. Znt Slab Ho #342 E. Larp

Spike in PP 33' RT Sta 57+40 ±

Spike in PP 130' RT Sta 58+85 ±

Spike in PP 33' RT Sta 60+65 ±

Brass plug SE pier Bridge

Spike in PP 25' LT Sta 69+80 ±

Top Hyd Ho #516 E. Larp

Top NW cor lower step Ho #546 E. Larp

Top Hyd SW cor Larp + Edgerton

Top Hyd SW cor Larp + Edgerton

Top NW cor lower step Ho #546 E Larp

Top Hyd Ho #516 E. Larp.

Spike in PP 25' LT Sta 69+80

Brass plug SE pier Bridge

Spike in PP 33' RT Sta 62+15 ±

Spike in PP 33' RT Sta 60+65 ±

Sta	+	π	-	Elev
		888.62		
		888.38		
		878.63		875.76
BM	2.87	878.39	12.86	875.52
		871.79		870.69
BM	1.10	871.55	7.94	870.46
		865.16		861.94
BM	3.72	864.92	10.35	861.20
				860.98
BM			4.18	860.74
				858.16
BM			7.00	857.92
				857.89

Dec 5th, 1960

6

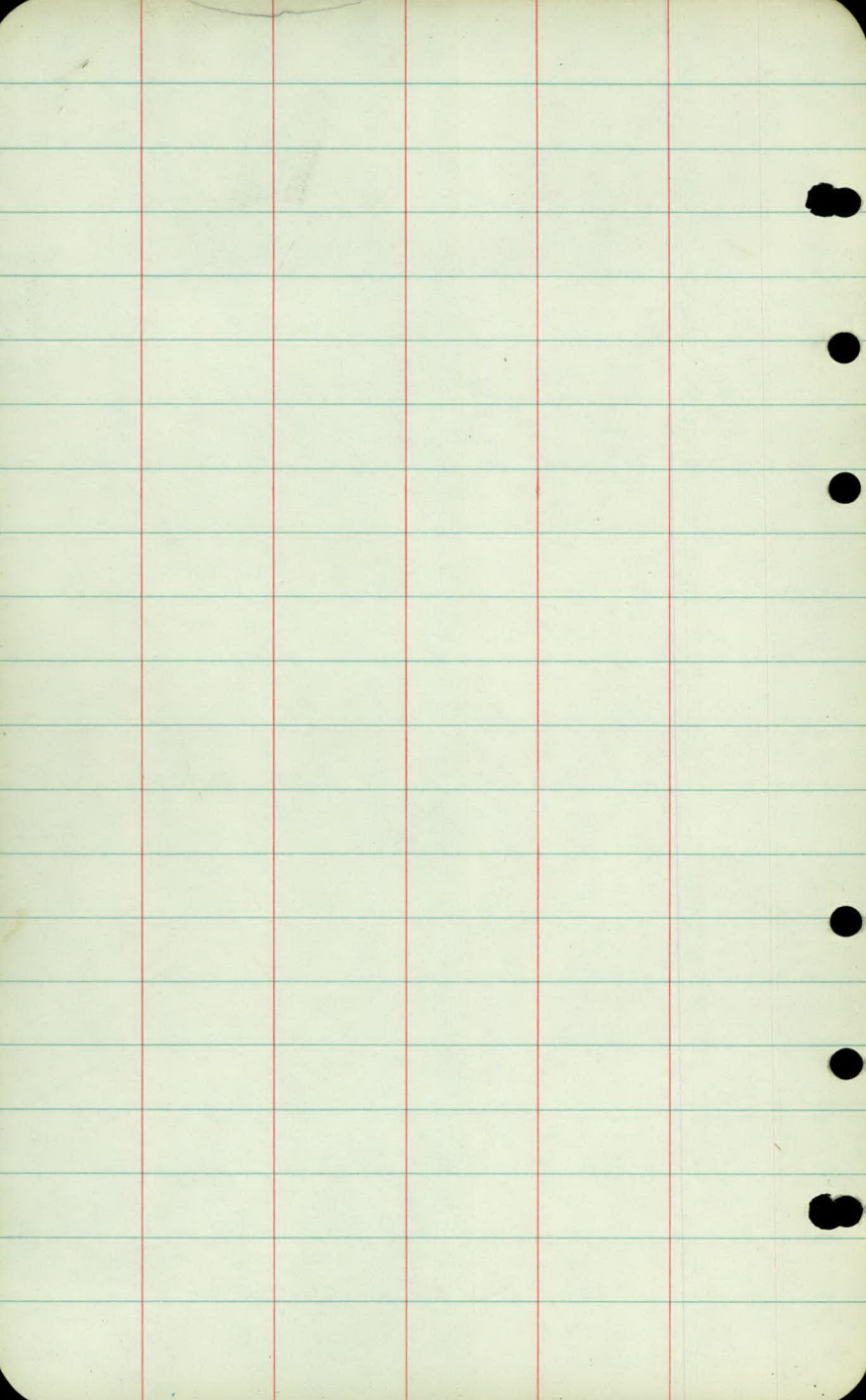
Spike in PP 130' Rt Sta 58+85±

Spike in PP 33' Rt Sta 57+40±

Top NW cor conc. Ent. Slab Ho #342 E. Larp

Top Hyd SW Cor Larp + M/Menemey

Top NE Cor lower steps Ho #1675 M/M.



Jan 31, 1961

1

Bench Levels

Larpenleur Ave.

M^cMenemy to Jackson

3 pages

Sta	+	π	-	Elev
BM ₁	6.84	126.84		100.00
TP ₁	11.72	115.00	3.56	103.28
TP ₂	8.63	121.16	2.47	112.53
TP ₃	11.01	128.605	3.565	117.595
TP ₄	9.54	134.345	3.80	124.805
BM ₂	9.435	138.33	5.45	128.895
BM ₃	2.06	138.46	1.93	136.40
BM ₄	2.06	135.08	5.44	133.02
TP ₅	5.22	137.565	2.735	132.345
TP ₆	4.65	139.965	2.25	135.315
BM ₅			1.20	138.765
BM ₆	1.025	139.79		138.765
TP ₆	2.05	137.36	4.48	135.31
TP ₅	2.79	135.13	5.02	132.34
BM ₄	5.41	138.43	2.11	133.02
BM ₃	1.38	137.78	2.03	136.40
BM ₂	4.545	133.445	8.88	128.90
TP ₄	0.70	125.505	8.64	124.805
TP ₃	3.51	121.10	7.915	117.59

RG 7 Level No. 222341
35 0

Jan 31, 1961
Feb 1, 1961
3rd pc

2

Top NE Cor lower step Ho#1675 McMenemy

Top NE cor conc ent slab Ho#342 E Larp.

spike in PP 33' RT Sta 57+40

spike in PP 130' RT Sta 58+69

spike in PP 33' RT Sta 60+66 ±

Bent Spike in Burned Stump RT Sta 61+25

Brass plug in SE Bridge Pier

Top Hyd. Ho#516 E. Larp.

spike in PP Lt Sta 71+94 ±

Top NW Cor lower step Ho#546 E. Larp.

Top Hyd SW Cor Larp & Edgerton

" " " " " "

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

		121.10		
--	--	--------	--	--

TP ₂	0.54	113.06	8.58	112.52
-----------------	------	--------	------	--------

TP ₁	3.92	107.19	9.79	103.27
-----------------	------	--------	------	--------

BM ₁			7.20	99.99
-----------------	--	--	------	-------

				100.00
--	--	--	--	--------

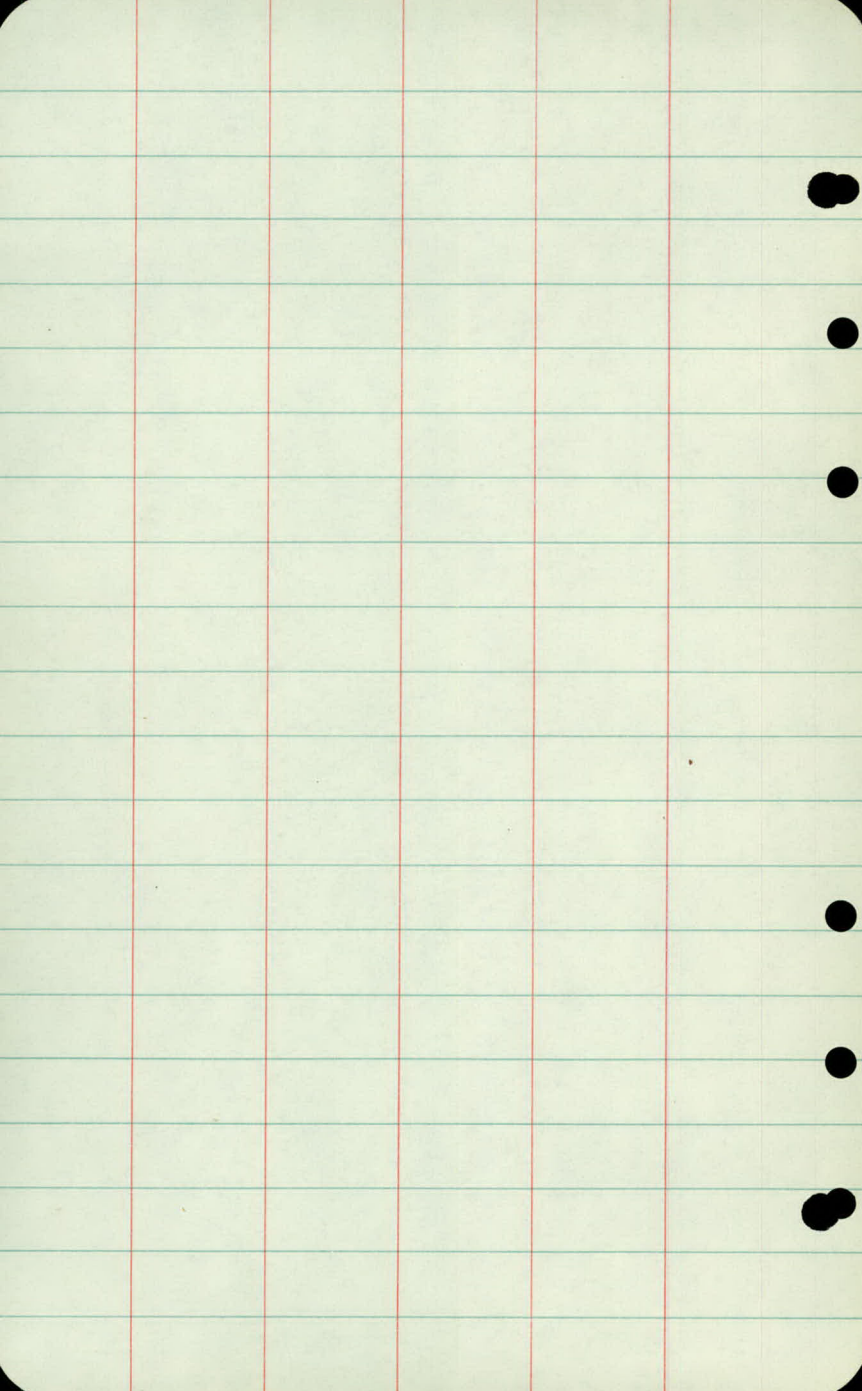
RGT
JS ϕ

Level # 222341

Feb 1, 1961

3

Top NW cor lower step Ho #1675 McMenemy



J.L.
F.S.
W.M.

Instrument
452074

Jan. 31, 1961 1

Bench Levels

M^s Menmy to Edgerton

2 pages

Point	+	Σ	-	ELV.
B.M. ₁	6.69	106.69		100
T.B.M. ₁	13.74	117.03	3.40	103.29
T.P. ₁	8.31	122.19	3.15	113.88
T.B.M. ₂	13.49	131.07	4.61	117.58
T.B.M. ₃	8.27	138.47	0.87	132.20
B.M. ₂	3.14	139.53	2.08	136.39
T.B.M. ₄	5.92	138.22	7.23	132.30
T.B.M. ₅	4.43	140.40	2.25	135.97
B.M. ₃	1.68	140.45	1.63	138.77
T.B.M. ₆	3.84	139.16	5.13	135.32
T.B.M. ₇	5.71	138.74	6.13	133.03
B.M. ₂	1.10	137.51	2.33	136.41
T.B.M. ₈	4.96	133.86	8.61	128.90
T.B.M. ₉	0.92	125.73	9.05	124.81
T.B.M. ₂	3.31	120.91	8.13	117.60
T.B.M. ₁₀	1.17	113.70	8.38	112.53
T.B.M. ₁	4.05	107.34	10.41	103.29
B.M. ₁			7.33	100.01

JAN 31, 1961

Cold, Clear 15°

2

Top lower step NE corner Ho #1675 M^e

Top NW Cor. Step Ho #342 E. LARP.

Top Brick

Spike in P.P. 130' Rt. Sta 58+89[±]

Spike in P.P. 33' Rt. Sta 62+15[±]

SE Bridge Pier Brass Plug

N FLANGE Bolt Hyd. Ho #516

Top Step NW cor. top step Ho #552

Top Hyd. SW cor Larp. + Edg.

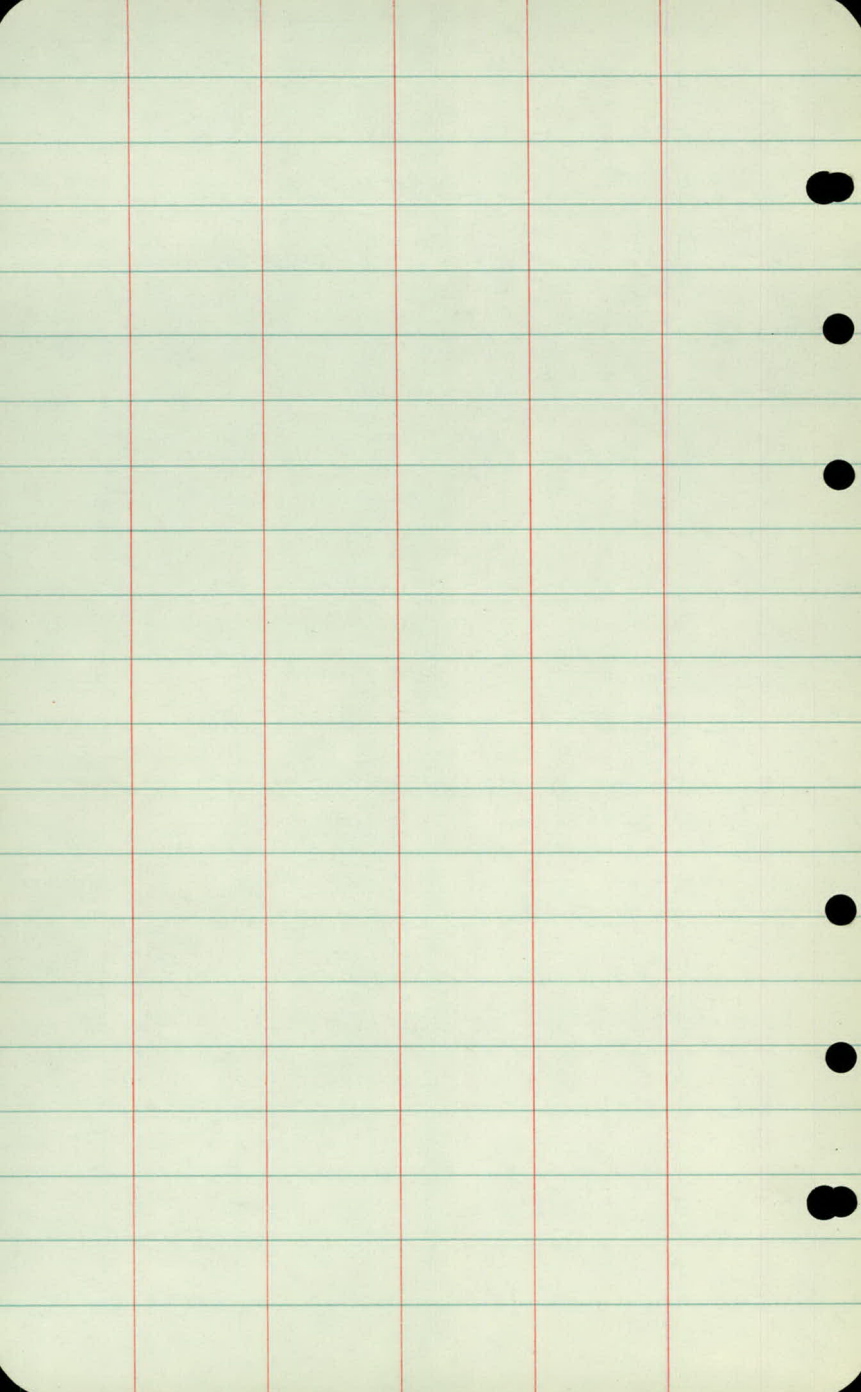
Top NW cor Lower step Ho #546 E. LARP.

Top Hyd. Ho #516

Bent ~~side~~ spike in Barnt stump Rt ^{Sta'} 66+25

Spike in P.P. 33' Rt. Sta. 60+66

Spike in P.P. 33' Rt. Sta. 57+40



Larpenteur Ave.

23

Rice St. to McMenemy

(Exception = Bridge & Approaches)

X-Sections

Pages 23-

Sta	+	Δ	-	Elev
BM	3.20	873.00		869.80

0+00

+23 Gutter

+24 Top Curb

+35 8.31 64.69

+50

TP 3.21 867.84 8.37 864.63

1+00

✓

RG
JL
WM
JH

Nov 21, 1960
Fair 35°-50°

Lt.

#

Rt

24

Top Hyd SW/Car Rice $\frac{1}{2}$ Larp.

✓ 64.6	61.7	62.8	63.9	65.3	✓ 66.4	67.6	68.7	69.9	✓
12.4	11.3	10.2	9.1	7.7	6.6	5.4	4.3	3.1	
200	150	100	50		50	100	150	200	

✓ 62.3	63.2	64.0	64.8	✓ 65.1	65.4	66.1	66.9	✓
10.7	9.8	9.0	8.2	7.9	7.6	6.9	6.1	
100	53	26		22	33	68	100	

✓ 62.8	63.7	64.4	64.8	65.1	65.8	65.7	66.5	67.3	✓
10.2	9.3	8.6	8.2	7.9	7.2	7.3	6.5	5.7	
100	53	26		22	23	33	68	100	

MH 3' Lt	5' 4" 0+35								
✓ 63.5	64.0	64.8	64.84	64.9	64.7	65.23	65.89	67.06	✓
9.5	9.0	8.2	8.16	8.1	8.3	7.77	7.11	5.90	
100	67	32	17		16	25	46	77	
			MH			SW	conc.	conc.	

Top curb

64.50	64.28	64.2	63.7	63.9	64.1	63.5	63.8	64.10	64.21
3.34	3.56	3.6	4.1	3.9	3.7	4.3	4.0	3.74	3.63
88	55	31	25	13		15	15	24	31
conc	conc						SW		conc

64.44

3.40
100
conc

67.0

0.8
81
Bldg

65.71
2.13
60
conc

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

		867.84		
--	--	--------	--	--

1750				
------	--	--	--	--

✓				
---	--	--	--	--

+60				
-----	--	--	--	--

✓				
---	--	--	--	--

+80				
-----	--	--	--	--

✓				
---	--	--	--	--

Nov 21, 1960

L+

E

R+

25

$\dot{6}^{4.6}$	$\dot{6}^{4.1}$	$\dot{6}^{3.6}$	$\dot{6}^{2.6}$	$\dot{6}^{2.3}$	$\dot{6}^{2.6}$	$\dot{6}^{2.2}$	$\dot{6}^{2.1}$	$\dot{6}^{2.8}$	$\dot{6}^{3.3}$
3.2	3.7	4.2	5.2	5.5	5.2	5.6	5.1	4.98	4.5
114	100	64	30	15		15	15	25	33
Bldg								SW	

✓ $\dot{6}^{5.2}$ $\dot{6}^{5.2}$
1.6 2.6
75 59

✓ $\dot{6}^{4.9}$ $\dot{6}^{3.3}$ $\dot{6}^{4.5}$ $\dot{6}^{1.9}$ $\dot{6}^{2.3}$ $\dot{6}^{1.9}$ $\dot{6}^{2.4}$ $\dot{6}^{2.57}$ $\dot{6}^{3.0}$ $\dot{6}^{5.4}$

3.6	4.5	5.3	5.9	5.5	5.9	5.4	5.27	4.8	2.4
100	66	32	17		15	15	25	32	59
							SW		

✓ $\dot{6}^{6.0}$
1.8
75

$\dot{6}^{2.3}$	$\dot{6}^{2.1}$	$\dot{6}^{1.9}$	$\dot{6}^{1.5}$	$\dot{6}^{1.8}$	$\dot{6}^{1.4}$	$\dot{6}^{1.8}$	$\dot{6}^{2.04}$	$\dot{6}^{2.1}$
5.5	5.7	6.1	6.3	6.0	6.4	6.0	5.80	5.1
45	32	19	12		15	15	25	34
							SW	

✓ $\dot{6}^{3.4}$ $\dot{6}^{4.2}$ ✓

4.4	3.6
82	100

✓ $\dot{6}^{5.4}$ $\dot{6}^{5.2}$

2.0	2.6
75	61

STA

+

π

-

ELV

867.84

2+00

✓

+20

✓

+40

+42 Rt. only (Bank)

✓

Nov. 21, 1960

LT R RE 26

60.1	61.2	61.1	61.0	61.3	60.9	61.4	63.2	64.0
7.1	6.6	6.1	6.8	6.5	6.9	6.4	4.6	3.0
63	45	32	15		15	28	50	75

61.2	61.1	✓
6.6	6.1	
88	100	

59.5	60.6	60.1	60.5	60.8	60.3	60.8	60.4	60.8
8.3	7.2	7.1	7.3	7.0	7.5	7.0	7.4	7.0
64	53	31	15		15	16	24	34

59.9	60.8	✓
7.9	7.0	
82	100	

60.5	61.4	✓
5.3	6.4	
75	59	

60.0	59.2	59.0	59.4	60.0	59.8	60.2	60.0	59.8	60.2	60.5
7.8	8.6	8.8	8.4	7.8	8.0	7.6	7.8	8.0	7.6	7.3
100	82	63	46	33	17		14	23	43	75

60.2	59.9	59.8	60.8	62.4	61.8
7.6	7.9	8.0	7.0	5.4	6.0
14	23	36	55	61	
			40		

62.2	✓
5.6	
75	

Sta + T - Elev

867.84

TP 3.87 863.56 8.15 859.69

+78

+82 Rt only (Bank)

✓

3400

✓

Nov 21, 1960

Lt.

±

Rt

27

Rock

✓ 59.5	58.8	58.4	59.1	59.0	59.3	59.1	59.5	61.3	62.2	61.8	✓
4.1	4.8	5.2	4.5	4.6	4.3	4.5	4.1	2.3	1.4	1.8	
100	77	55	37	16		14	24	43	57	7.5	

✓ 59.2	59.0	59.3	59.4	60.8	59.4
4.4	4.6	4.3	4.2	2.8	3.8
	13	15	26	49	53

✓ 59.3
4.3
75

59.1	58.1	58.1	58.5	58.5	58.6	58.3	58.6	58.6	59.8	60.8
4.5	5.5	5.5	5.1	5.1	5.0	5.3	5.0	5.0	3.8	2.8
80	61	48	33	15		13	15	23	41	54

59.9
5
3.7
100

✓ 58.1	58.3	60.1
5.5	5.3	2.9
75	72	66

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

		863.56		
--	--	--------	--	--

3+45				
------	--	--	--	--

✓				
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+56				
-----	--	--	--	--

✓				
---	--	--	--	--

+73				
-----	--	--	--	--

+80				
-----	--	--	--	--

✓				
---	--	--	--	--

Nov 21, 1960

LT

≠

RT

28

5 ^{9.5}	5 ^{8.1}	5 ^{8.6}	5 ^{7.3}	5 ^{7.1}	5 ^{7.2}	5 ^{7.5}	5 ^{7.3}	5 ^{9.2}
4.1	4.9	5.0	6.3	6.2	6.4	6.1	6.3	4.4
64	42	27	15		13	15	26	51

6^{0.3}

3.3

85

6^{0.6}

3.0

100

5^{4.5}

9.1

75

5^{5.0}

8.6

63

6 ^{1.6}	6 ^{1.0}	6 ^{0.3}	5 ^{9.0}	5 ^{9.0}	5 ^{9.0}	5 ^{6.8}	5 ^{7.2}	5 ^{7.1}	5 ^{9.2}
2.0	2.6	3.3	4.6	6.6	6.6	6.8	4.4	6.5	4.4
100	71	52	36	14		13	15	31	54

5^{3.9}

9.7

75

5^{4.2}

9.4

64

6 ^{2.2}	6 ^{1.5}	6 ^{0.3}	5 ^{8.9}	5 ^{6.5}	5 ^{6.5}	5 ^{6.2}	5 ^{6.6}	5 ^{6.5}	5 ^{6.8}	5 ^{3.6}	5 ^{3.6}
1.4	2.1	3.3	4.7	7.1	7.1	7.4	7.1	7.1	6.8	9.8	9.8
100	75	50	32	15		13	15	35	54	63	75

6^{1.3}

2.3

60

6^{2.3}

1.3

50

6^{2.0}

1.6

33

5^{7.3}

6.3

23

5^{6.3}

7.3

16

5^{6.3}

7.3

5^{6.0}

7.6

13

5^{6.3}

7.3

15

5^{6.3}

7.3

36

5^{6.1}

7.5

66

5^{5.2}

8.4

75

6^{1.1}

1.9

82

6^{2.1}

1.2

100

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

		863.56		
--	--	--------	--	--

4+00				
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+16	House 49' Rt		7.2	
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✓				
---	--	--	--	--

+47				
-----	--	--	--	--

✓				
---	--	--	--	--

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

✓				
---	--	--	--	--

Nov 21, 1960

29

Lt

L

Rt

63.2	62.9	61.6	56.2	55.4	55.6	55.4	55.1	56.1	55.9	55.9
0.4	0.7	2.0	7.4	8.2	8.0	8.2	7.9	7.5	7.7	7.7
83	57	33	21	16		12	16	44	61	75

62.2	62.5
1.4	1.1
91	100

63.1	62.8	61.6	54.85	54.46	54.3	53.9	54.2	53.9	54.2	53.6	53.4	53.4
0.5	0.8	2.0	8.71	9.3	9.9	9.4	9.9	9.4	10.0	10.2	10.2	10.2
64	50	33	22	20	16		12	14	17	43	52	

63.2	63.1
0.4	0.5
61	100
HU	

52.4	52.8
11.2	10.8
75	69

62.4	62.3	61.9	54.3	53.2	53.9	53.3	53.9	53.2	53.0	53.4
1.2	1.3	1.7	9.3	10.4	9.9	10.3	9.7	10.4	10.6	10.2
100	75	40	22	16		13	14	17	23	31

52.1	53.2
10.9	10.4
75	52

Sta + π - Elev

863.56

+81

✓

5+00

BM 1.33 854.63 10.26 853.30 (853.29)

+23

+

✓

+27 Re only Bank

Sta.

+

X

-

Elev.

854.63

5+40

✓

+46

✓

+55

5+63

10.27

43.36

5+65

6.28

848.35

Nov 21, 1960

Lt

E

Rt

31

49.4	50.1	49.6	49.8	50.1	50.0	50.2	51.2	51.3
5.2	4.5	5.0	4.8	4.5	4.6	4.4	3.4	3.3
57	35	19	11		11	22	38	54

48.3	49.6	45.9
6.3	7.0	8.7 ✓
80	92	100

44.3
5.3 ✓
75

49.52	50.0	49.9	49.4	49.9	49.1	49.8	50.8	51.1
5.11	4.6	4.7	5.2	4.7	4.9	4.8	3.8	3.5
71	50	29	16		12	19	34	49

CON. LIFT STA.

48.9	44.3
5.7	10.3
79	100

48.9	49.4
5.9	5.2
75	68

49.55	49.0	49.5	49.5	49.1	49.5	49.1	49.3	50.1	46.4
5.08	5.6	5.1	5.1	5.5	5.1	5.5	5.3	4.5	8.2
71	71	50	31	17		12	15	34	45

CON. LIFT STA.

48.6	45.6	43.5
6.0	9.6	11.1
78	92	100

40.1	43.8
13.9	10.8
75	60

M.H. 71' Lt Sta. 5+63

M.H. 22' Lt Sta 5+65

Sta.	+	Σ	-	ELV.
------	---	----------	---	------

854.63

5 + 66

✓

+82 Top west Bank of Ditch

✓

5+93	22.20	- 32.43
5+97	20.90	33.73
5+93	21.38	32.25
5+97	20.86	33.77

33.25

6+00 Top East Bank of Ditch

✓

Sta

+

Σ

-

ELV.

854.63

6+14

✓

+33

✓

+47

✓

Nov. 21, 1960

33

Lt

P

Rt

43.0	42.6	45.2	47.1	47.3	47.1	47.3	42.3	38.1
11.6	12.0	9.4	7.5	7.3	7.5	7.3	12.3	16.5
64	48	28	13		12	17	26	41

42.2	42.1					34.7	36.0
12.4	12.5					19.9	18.6
78	100					66	56

44.3	45.1	45.6	46.6	46.5	46.6	46.5	46.3	42.8	41.0
10.3	9.5	9.0	8.0	8.1	8.0	8.1	8.3	11.8	13.6
53	39	24	16	12		12	22	33	44

44.6	44.7	45.25				39.4	39.3
10.0	9.9	9.38				15.2	15.3
71	100	100				75	62
		TOP WRAIL					

44.8	45.69	45.2	46.3	45.8	46.1	46.0	45.0	41.8	41.2
9.8	8.94	9.4	9.3	8.8	8.5	8.6	9.6	12.8	13.4
54	29	29	21	12		12	30	48	65
	TOP WRAIL								

45.21	44.1	43.5	44.2			41.6
9.42	10.5	11.1	10.4			13.0
54	82	94	100			75
TOP WRAIL						

Sta

+

∇

-

ELV.

854.63

6+60

✓

+75

✓

7+00

✓

Nov. 21, 1960

Lt

P

Rt

34

45.0

9.6

69

44.9

9.7

37

45.0

9.6

24

45.6

9.0

13

45.61

9.02

TOP
ERail

45.7

8.9

9

45.3

9.3

21

45.85

8.78

21
TOP
W Rail

45.3

9.3

36

44.8

9.8

91

43.9

10.7

100

43.4

11.2

75

44.2

10.4

63

44.9

9.7

51

44.4

10.2

69

44.4

10.2

41

45.2

9.4

26

45.9

8.7

14

45.9

8.7

8

45.7

8.9

8

45.0

9.6

21

44.8

9.8

32

44.5

10.1

48

44.5

10.1

86

45.2

9.4

91

43.4

11.2

100

45.3

9.3

100

45.85

8.78

90

45.3

9.3

90

45.59

9.04

69

44.9

9.7

69

TOP W Rail

TOP E Rail

44.1

10.5

75

44.0

10.6

54

44.8

9.8

36

46.4

8.2

23

46.6

8.0

14

46.7

7.9

8

46.5

8.1

8

46.5

8.1

13

44.6

10.0

24

43.0

11.6

38

44.6

10.0

87

46.9

7.7

100

40.3

14.3

75

41.6

13.0

67

42.4

12.2

52

Sta.	+	Σ	-	ELV.
------	---	---	---	------

		854.63		
--	--	--------	--	--

7+06				
------	--	--	--	--

			8.12	
--	--	--	------	--

				46.51
--	--	--	--	-------

✓				
---	--	--	--	--

T.B.M.				
--------	--	--	--	--

	1.20			
--	------	--	--	--

		853.45		
--	--	--------	--	--

			2.38	
--	--	--	------	--

				852.25
--	--	--	--	--------

7+19				
------	--	--	--	--

✓				
---	--	--	--	--

TBM				
-----	--	--	--	--

	2.84			
--	------	--	--	--

		855.09		
--	--	--------	--	--

				852.25
--	--	--	--	--------

+40				
-----	--	--	--	--

+70				
-----	--	--	--	--

R&J
JL
WM
JH

Nov-21, 1960
Nov 22, 1960
Cloudy, Cool

35

Lt

L

Rt

44.6	43.3	44.4	46.5	46.8	46.9	46.7	46.5	44.5	42.3
10.0	11.3	10.2	8.1	7.8	7.7	7.9	8.1	10.1	12.3
89	73	48	35	13		9	11	24	52

MH 23 Lt STA 7+06

47.3

7.3

100

✓

34.0

20.6

95

37.7

16.9

89

40.1

14.5

73

SE Cor S.W. Ho #75 W. Larp

51.1

2.4

46

51.6

1.9

34

50.6

2.9

30

47.2

6.3

16

47.5

6.0

47.1

6.4

11

47.0

6.5

16

44.1

9.4

31

43.2

10.3

42

51.7

1.8

68

51.8

1.7

100

✓

37.9

15.6

79

Top BANK

40.3

13.2

59

SE Cor S.W. Ho #75 W. Larp

51.8

3.3

100

51.6

3.5

68

51.5

3.6

44

51.4

3.7

30

47.9

7.2

15

48.3

6.8

47.7

7.4

13

46.6

8.5

28

42.6

12.5

46

36.9

18.2

68

37.2

17.9

75

✓

51.9

3.2

100

52.4

2.7

72

52.2

2.9

49

51.5

3.6

30

49.6

5.5

15

49.6

5.5

48.7

6.4

16

49.3

5.8

21

49.0

6.1

36

42.4

12.7

49

38.6

16.5

64

18.5
75

✓

Sta	-	Σ	-	ELV.
-----	---	---	---	------

		855.09		
--	--	--------	--	--

8+00				
------	--	--	--	--

✓				
---	--	--	--	--

TP	6.04	859.99	1.14	853.95
----	------	--------	------	--------

+37				
-----	--	--	--	--

✓				
---	--	--	--	--

+40	Lt only			
-----	---------	--	--	--

+50				
-----	--	--	--	--

Lt

P

Rt

36

52.7

52.4

51.4

51.1

51.0

50.4

50.8

52.0

52.0

2.4

2.7

3.7

4.0

4.1

4.7

4.3

3.1

3.1

46

30

17

14

13

17

26

37

40

36.9

44.9

18.2 10.2

75 50

Rock

52.5

52.8

53.0

53.0

51.9

52.3

51.9

52.7

52.7

54.7

51.2

7.5

7.2

7.0

7.0

8.1

7.7

8.1

7.3

7.3

5.3

8.8

100

69

50

30

13

9

14

20

36

47

40.3

46.8

19.7 13.2

75 58

53.2

52.9

53.8

53.3

52.0

52.4

6.8

7.1

6.2

6.7

8.0

7.6

100

66

47

30

13

51.8

52.7

54.0

53.8

52.3

52.7

52.2

53.0

53.7

55.6

8.2

7.3

6.0

6.2

7.7

7.3

7.8

7.0

6.3

4.4

100

81

53

30

14

8

16

24

29

41.1

47.0

50.6

55.6

18.9

13.0

9.4

4.4

75

62

54

39

Sta	+	Σ	-	ELV.
-----	---	----------	---	------

		859.99		
--	--	--------	--	--

9+00				
------	--	--	--	--

✓				
---	--	--	--	--

TP	10.20	866.73	3.46	856.53
----	-------	--------	------	--------

+56				
-----	--	--	--	--

✓				
---	--	--	--	--

+71				
-----	--	--	--	--

✓				
---	--	--	--	--

+80				
-----	--	--	--	--

			10.77	
--	--	--	-------	--

				55.96
--	--	--	--	-------

Nov 22, 1960

Lt

L

Rt

37

53.5	54.4	54.5	54.5	53.7	54.0	53.7	54.5	60.0	58.8
6.5	5.6	5.5	5.5	6.3	6.0	6.3	5.5	0.0	1.2
74	52	30	25	13		9	26	34	52

52.7

7.3
100

51.9

8.1
75

55.1

4.9
65

Rock

55.2	55.6	55.8	55.5	55.1	55.3	55.2	55.4	55.3	56.0	61.9
11.5	11.1	10.9	11.2	11.6	11.4	11.5	11.3	11.4	10.7	4.8
58	30	25	16	14		9	14	24	28	31

54.0

12.7
84

53.4

13.3
100

65.0

1.7
75

65.8

0.9
54

64.9

1.8
43

54.5

12.2
70

55.4

11.3
49

56.1

10.6
30

55.8

10.9
20

55.3

11.4
14

55.7

11.0
9

55.6

11.1
9

56.0

10.7
14

55.7

11.0
30

56.1

10.6
49

58.2

8.5
69

53.6

13.1
100

60.8

5.9
75

MH & Sta 9+80

Sta.

+

⋈

-

ELV.

866.73

+ 88

10+00

+13 ♀ Sylvan

+20

+32

+47

Nov 22, 1960

Lt

R

Rt

38

54.0	54.6	54.8	55.2	55.9	56.0	55.7	54.7	54.1	53.7	53.6
12.7	12.1	11.9	11.5	10.8	10.7	11.0	12.0	12.6	13.0	13.1
100	73	47	23	12		13	29	46	64	75

54.3	54.7	55.6	56.2	56.3	56.0	55.4	54.0	53.4	52.7
12.4	12.0	11.1	10.5	10.4	10.7	11.3	12.7	13.3	14.0
100	66	33	11		10	18	46	65	75

52.7	53.2	54.0	55.2	56.5	56.7
14.0	13.5	12.7	11.5	10.2	10.0
200	150	100	47	13	

54.2	54.7	55.4	56.0	56.7	56.9	56.5	56.1	56.3	55.7	54.8	54.1
12.5	12.0	11.3	10.7	10.0	9.8	10.1	10.6	10.4	11.0	11.9	12.6
100	73	51	27	12		10	17	29	45	65	75

54.2	54.82	54.9	55.5	56.4	57.0	57.2	56.7	57.3	56.5	57.7	57.2
12.5	11.91	11.8	11.2	10.3	9.7	9.5	10.0	9.4	10.2	9.0	9.5
100	75	72	49	22	12		16	31	44	61	75

55.0	55.1	55.5	56.6	57.3	57.7	57.2	57.6	57.6	64.9	64.2	64.0
11.7	11.6	11.2	10.1	9.4	9.0	9.5	9.1	9.1	1.8	2.5	2.7
100	88	59	28	16		16	23	27	43	70	75

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

		866,73		
--	--	--------	--	--

+50	Rt only			
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✓				
---	--	--	--	--

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

✓				
---	--	--	--	--

+72				
-----	--	--	--	--

Nov 22, 1960

LT

~~2~~

RT

39

57.22
9.51
24
MH

57.8 57.4 57.7 57.8 66.7 67.9
8.9 9.3 9.0 8.9 0.0 +1.2
16 22 27 40 54

67.7
+1.0
75

60.8 58.0 57.5 57.7 58.2 57.8 57.6 57.9 63.8 66.7
5.9 8.7 9.2 9.0 8.5 8.9 9.1 8.8 2.9 0.0
36 25 20 14 16 20 25 37 40

61.4 61.1 61.5
5.3 5.6 5.2
59 85 100

67.3 67.2
+0.6 +0.5
75 52

62.7 63.1 56.3 58.1 58.2 58.7 58.3 58.4 66.7 67.6
4.0 3.6 10.5 8.6 8.5 8.0 8.4 8.3 0.0 +0.9
64 37 25 20 15 16 24 40 43

62.5 63.0
4.2 3.7
83 100

66.7 66.5
0.0 0.2
75 45

Sta

+

π

-

ELV.

866.73

11400

✓

+28

✓

+57

TP

6.33

871.76

1.30

865.43

11459

Cor S.W. Ho #8 E. Larp

66.1	66.0	62.4	62.9	63.4	63.0	63.2	63.9	64.6
5.7	5.8	9.4	8.9	8.4	8.8	8.6	7.9	7.2
59	36	22	17		15	24	38	56
65.8	64.8							
6.0	7.0							6.9
80	100							75

Sta.

+

K

-

ELV

871.76

11+70

✓

+72

TOP Bank Rt. only

12+00

✓

+37

Nov 22, 1960

Lt

L

Rt

H

66.3	66.3	62.8	63.6	63.9	63.6	63.7	64.2	65.0
5.5	5.5	9.0	8.2	7.9	8.2	8.1	7.6	6.8
62	37	23	16		15	24	40	59

66.4	65.0
5.4	6.8
76	100

65.3	6.5	75
------	-----	----

64.1	63.8	63.8	65.0	65.6	65.7
7.7	8.0	8.0	6.8	6.2	6.1
	16	18	29	49	75

66.9	66.7	65.3	65.0	65.4	65.1	65.5	65.9	66.3	66.9
4.9	5.1	6.5	6.8	6.4	6.7	4.3	5.9	5.5	4.9
61	35	23	16		15	23	29	50	70
									HO

66.6	65.8
5.2	6.0
87	100

67.4	67.4	67.6	66.8	66.7	66.9	66.8	66.4	66.8	66.5	66.3	66.3
4.4	4.4	4.2	5.0	5.1	4.9	5.0	5.2	5.0	5.3	5.5	5.5
100	73	46	31	24	17		15	19	40	67	75

Sta	+	π	-	ELV.
-----	---	-------	---	------

		871.76		
--	--	--------	--	--

12 +43	E allet		Lt. only	
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+49				
-----	--	--	--	--

T.P.	6.12	876.14	1.74	870.02
------	------	--------	------	--------

B.M.			0.96	875.18 (875.18)
------	--	--	------	-----------------

12 +72				
--------	--	--	--	--

✓				
---	--	--	--	--

+92				
-----	--	--	--	--

✓				
---	--	--	--	--

Nov. 22, 1960

Lt

Q

Rt

42

✓ 67.6	67.5	67.5	67.2	67.3	67.0
4.2	4.3	4.3	4.6	4.5	4.8
100	75	50	25	15	

67.4	67.3	67.4	67.7	67.3	67.5	67.2	66.9	69.1	67.1	66.4	66.8
4.4	4.5	4.4	4.1	4.5	4.3	4.6	4.9	4.7	4.7	5.4	5.0
100	88	64	30	22	16		15	16	30	50	75

Top East side door	sill	Ho. # 33	E. Lard.						
68.1	68.0	67.9	67.8	68.0	67.4	68.0	67.4	68.0	67.4
8.0	8.1	8.5	8.2	8.3	8.6	8.1	8.7	8.1	8.7
43	29	22	16		14	18	22	27	43

69.8	67.1	66.4			66.8	67.0
8.3	9.0	9.7			9.3	9.1
66	85	100			75	66

68.6	68.9	68.7	68.2	68.4	68.5	68.3	69.2	69.0	68.5	68.6
7.5	7.2	7.4	7.9	7.7	7.6	7.8	6.9	7.1	7.6	7.5
39	32	29	21	14		14	20	39	58	75

8.0	9.0	9.4
52	58	75
68.1	69.1	69.7

Sta.	+	⋈	-	ELV.
------	---	---	---	------

876.14

12+94	Top Bank	Rt only		
-------	----------	---------	--	--

13+00	E of driveway	on Rt.		
-------	---------------	--------	--	--

✓

+05	Rt only	Bottom Bank		
-----	---------	-------------	--	--

+06	Rt only	Top Bank		
-----	---------	----------	--	--

+11	Lt only			
-----	---------	--	--	--

Nov 22, 1960

Lt

F

Rt

43

✓

68.6
7.5
68.5
7.6
69.1
7.0
69.8
6.3
70.1
6.0
70.3
5.8
75

68.1
8.0
52
68.6
7.5
40
68.9
7.2
29
68.4
7.7
21
68.7
7.4
12
68.8
7.3
13
68.6
7.5
13
69.4
6.5
30
70.2
5.9
54
70.6
5.5
75

69.4
8.7
55
66.4
9.7
80

✓

✓

69.0
7.1
13
68.8
7.3
24
69.4
6.7
36
70.0
6.1
36
70.6
5.5
57
70.9
5.2
75

✓

69.0
7.1
13
68.8
7.3
25
69.7
6.4
36
70.6
5.5
36
71.3
4.8
58
71.8
4.3
75

✓

68.7
7.4
53
69.2
6.9
30
69.0
7.1
27
68.8
7.3
16
69.0
7.1
13
69.2
6.9

✓

67.5
8.6
59
67.1
9.0
75

Sta.

+

π

+

ELV.

876.14

13+14

✓

+16 Rt only Top Bank

+34

✓

+40 Lt only Top Bank

Nov 22, 1960

Lt

L

Rt

44

69.1	69.4	69.0	68.8	69.1	69.3	69.1	69.5	70.8	71.5	72.1
7.0	6.7	7.1	7.3	7.0	6.8	7.0	6.6	5.3	4.6	4.0
40	30	27	16	14		14	17	34	58	75

69.1	68.1
7.0	8.0
57	75

69.4	69.2	69.7	71.5	72.7	73.0
6.7	6.9	6.4	4.6	3.4	3.1
	13	15	30	46	75

70.2	69.7	69.6	69.3	69.8	70.1	69.8	71.5	72.8	73.5	73.7
5.9	6.4	6.5	6.8	6.3	6.0	6.3	4.6	3.3	2.6	2.4
30	27	19	17	14		14	20	32	48	63

70.3	69.3	66.9
5.8	6.8	9.2
52	71	100

71.3	70.2	69.9	69.6	70.0	70.4
4.8	5.9	6.2	6.5	6.1	5.7
93	27	18	17	13	

71.7	71.9	71.6	69.7	67.9
4.4	4.2	4.5	8.4	8.4
53	74	86	98	100

Sta.	+	$\times$	-	ELV.
------	---	----------	---	------

+50		876.14		
-----	--	--------	--	--

13+50			5.94	70.20
-------	--	--	------	-------

+70	Bottom retaining wall			
-----	-----------------------	--	--	--

✓

T.P.	10.18	883.57	2.75	873.39
------	-------	--------	------	--------

B.M.			5.69	877.88
------	--	--	------	--------

877.88

+71	Rt. only top Conc retaining wall			
-----	----------------------------------	--	--	--

+78	Top Bank Rt only			
-----	------------------	--	--	--

✓

Nov 22, 1960

Lt

2

 R_t

45

[illegible]

TOP EAST END CULVERT + 12" STA 14+13.42 17'

Spike in P.P. SE of inters. Larp. & Gurney

	INTERS.	Larp.	Gurney	
✓	71.8 11.8 15	71.6 12.0 15	72.0 11.6 17	73.3 10.3 29
				74.6 9.0 30
				75.9 5.8 54
				77.7 5.9 75
				78.9 2.7 75

Sta + π - Elev

883.57

14+00

+28 Gutter Lt only

+32 Shoulder Left.

+42 $\pm$ Gurney (Lt only)

+48 Rt only

Nov 22, 1960

	Lt.		R		Rt		46				
✓	71.7	72.4	72.8	73.1	73.1	73.3	75.90	80.2	80.8		
	11.9	11.2	10.8	10.5	10.5	10.4	10.5	10.3	7.67	3.4	2.8
	88	72	47	22	15	16	18	30	45	60	
Garage								Bottom Steps		HO	

✓	71.7	72.2	72.9	73.4	74.4	74.7	✓
	11.9	11.4	10.7	10.2	9.2	8.9	
	100	76	45	22	14		

✓	72.9 71.9 X	73.1	73.7	73.9	74.6	75.0	74.6	74.9	74.9	80.6	81.2	81.4 ✓
	10.7	10.5	9.9	9.7	9.0	8.6	9.0	8.7	8.7	3.0	2.4	2.2
	100	82	54	24	15		17	19	21	44	68	75

✓	71.7	72.7	73.2	73.6	74.0	75.1	75.5	✓
	11.9	10.9	10.4	10.0	9.6	8.5	8.1	
	200	150	100	70	43	14		

✓	75.8	75.4	75.7	76.2	82.4	83.0
	7.8	8.2	7.9	7.4	1.0	0.6
	17	19	27	39	46	

✓	83.2	82.2
	0.4	1.4
	75	50

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

		883.57		
--	--	--------	--	--

+53		Shoulder - Left		
-----	--	-----------------	--	--

+64				
-----	--	--	--	--

✓				
---	--	--	--	--

+74				
-----	--	--	--	--

✓				
---	--	--	--	--

15+00				
-------	--	--	--	--

✓				
---	--	--	--	--

Nov 22, 1960

Lt

F

Rt

47

73.1	73.4	74.0	74.5	75.6	76.1	75.7	76.1	76.6	82.4	82.5	83.5
10.5	10.2	9.6	9.1	8.0	7.5	7.9	7.5	7.0	1.2	1.1	0.1
100	75	48	27	14		17	19	28	39	50	75

77.0	78.0	77.6	76.7	75.1	76.0	76.7	76.4	76.8	77.2	82.6	82.0
6.6	5.6	6.0	6.9	8.5	7.6	6.9	7.2	6.8	6.4	1.0	1.6
75	49	31	24	19	14		17	19	29	40	46

76.0
7.6
100

83.9
83.3
+0.3 0.3
75 60

78.9	79.6	78.3	77.3	77.0	76.6	77.2	76.9	77.5	78.0	79.6	80.1	80.8
4.7	4.0	5.3	6.3	6.6	7.0	6.4	6.7	6.1	5.6	4.0	3.5	2.8
44	33	30	26	19	15		17	20	28	35	50	75

78.0
5.6
74

76.8
6.8
100

80.3	79.3	78.6	78.4	78.2	78.8	78.3	78.4	78.5	80.5	80.4
3.3	4.3	5.0	5.2	5.4	4.8	5.3	5.2	5.1	3.1	3.2
32	28	25	20	15		18	27	29	33	43

80.0
3.6
50

79.0
4.6
73

78.2
5.4
91

78.2
5.4
100

81.3
2.3
75

80.7
2.9
64

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

		883.57		
--	--	--------	--	--

BM	11.03	888.91	5.69	877.88	877.88
----	-------	--------	------	--------	--------

15+30

+52

+82

16+00

+15

✓

RG
JL
WM
JH

Lt

E

Nov 23, 1960
Clear, Cool
Rt

48

Spike in PP S.E. of Intersection Larp & Gurnee

✓ 81.1	81.0	80.3	80.0	79.8	80.3	80.2	80.1	80.3	81.2	81.9	82.0
7.8	7.9	8.6	8.9	9.1	8.6	8.7	8.8	8.6	7.7	7.0	6.9
41	30	24	15	14		18	23	27	34	58	75
40											✓

✓ 79.6	80.3	81.1	81.6	81.6	81.1	81.4	81.3	81.4	82.0	82.6	83.1
9.3	8.6	7.8	7.3	7.3	7.8	7.5	7.6	7.5	6.9	6.3	5.8
91	72	58	34	18	14		18	25	36	59	75

✓ 79.4	80.1	80.8	82.3	82.8	82.5	82.8	82.5	82.3	82.9	83.6	84.4
9.5	8.8	8.1	6.6	6.1	6.4	6.1	6.4	6.6	6.0	5.3	4.5
83	63	49	26	16	14		19	20	26	46	75

✓ 78.1	78.6	80.0	80.4	82.2	83.3	83.0	83.5	83.0	82.9	83.7	84.4	84.3
10.8	10.3	8.9	8.5	6.7	5.6	5.9	5.4	5.9	6.0	5.2	4.5	4.6
100	78	60	40	24	13	12		19	21	33	54	75

78.5	79.1	79.5	80.8	82.2	83.3	83.3	83.9	83.5	84.1	84.9	85.1	85.3
10.4	9.8	9.4	8.1	6.7	5.6	5.6	5.0	5.4	4.8	4.0	3.8	3.6
80	64	51	37	26	14	12		18	25	45	69	75

77.9
11.0
86

77.7
11.2
100

Sta	+	π	-	Elev
		888.91		

+23

TP	5.80	890.98	3.73	885.18
----	------	--------	------	--------

+63

✓

+87

✓

+00

Nov 23, 1960

✓ 79.7 80.6 81.5 82.9 83.5 84.1 84.0 83.8 85.2 86.6 87.6 88.4
9.2 8.3 7.4 6.0 5.4 4.8 4.9 5.1 3.7 2.3 1.3 0.5
51 40 29 19 13 15 19 26 38 58 75
GAR

Spike in ground

79.2 80.0 81.3 83.2 84.6 84.4 84.9 85.0 84.8 85.2 86.2 88.5 88.37
11.8 11.0 9.7 7.8 6.4 6.6 6.1 6.0 6.2 5.8 4.8 2.5 2.6
66 34 25 18 12 10 17 19 22 28 42 51
conc

78.5 78.1 77.3 77.0 ✓ 88.9 89.0
12.5 12.9 13.7 14.0 2.1 2.0
83 88 92 100 75 62

81.0 81.5 82.6 84.8 85.3 85.0 85.3 85.5 85.4 85.8 87.5 89.5 89.6
10.0 9.5 8.4 6.2 5.7 6.0 5.7 5.5 5.6 5.2 3.5 1.5 1.4
45 30 22 15 11 9 15 18 22 30 43 75

81.3 80.3 79.8 78.9 77.6 77.1
9.7 10.7 11.2 12.1 13.4 13.9
57 69 79 90 95 100

90.12 89.99 Rt 85.9 85.7 85.5 85.3 85.6 Lt 85.0 82.6 82.5
0.87 0.99 3.1 5.1 5.3 5.5 5.7 5.4 6.0 8.4 8.5
60 41 31 23 15 7 11 15 28 40
SW

Sta + π - Elev

890.98

17400 (CONT.)

+24

✓

T.P. 3.00 893.51 0.47 890.51 (890.51)

+49 Shoulder Lt

+52 Gutter Lt

Nov 23, 1960

LT	♀	RT	LT	50
89.9		83.2	82.44	
1.1		7.8	8.54	
75		57	53	50-51

84.5	85.1	86.0	85.6	85.5	86.0	86.1	86.0	86.0	87.7	90.0
6.5	5.9	5.0	5.4	5.5	5.0	4.9	5.0	5.0	3.3	1.0
33	21	11	9	7	5	5	15	19	30	40

84.02	84.0	83.80	83.0	82.8		90.7	89.98
6.96	7.0	7.18	8.0	8.2		0.8	1.00
SW	58	70	83	90		45	41-44
	H0	SW				H0	SW

TOP #1, SW cor. Larp. & ABEL

82.2	83.2	83.75	84.8	86.0	85.4	85.4	86.2	86.5	86.3	86.5	87.6	89.3	89.97	90.1
11.3	10.3	9.76	8.7	7.5	8.1	8.1	7.3	7.0	7.2	7.0	5.9	4.2	3.54	3.4
100	72	66 sw	48	26	19	16	8		17	24	31	40	62 sw	75

82.8	83.1	83.8	85.0	85.9	86.3	86.5
11.2	10.4	9.7	8.5	7.6	7.2	7.0
100	77	55	29	14	7	

Sta + π - Elev

893.51

+65 $\frac{1}{2}$ Abel Lt

+73 Shoulder Rt - Gutter Lt

+76 Shoulder Lt. - Gutter Rt.

+90 $\frac{1}{2}$ Abel Rt. 7.06 MH 17+90 - 31' RT

86.45

18+00 Lt. only

+05 Gutter Rt only

Lt

L

Rt

51

✓ 80.3	80.9	82.6	83.7	85.7	86.6	86.7	86.4	86.2	87.2	88.83	88.9	✓
13.2	12.6	10.9	9.8	7.8	6.9	6.8	7.1	7.2	6.3	4.68	4.6	
200	150	100	77	37	9		16	21	31	62	75	
										SW		
✓ 83.0	83.2	84.21	84.7	85.5	86.1	86.5	86.7	86.5	86.0	86.7	88.1	✓
10.5	10.3	9.30	8.8	8.0	7.4	7.0	6.8	7.0	7.5	6.8	5.4	
100	93	66	56	37	20	11		15	21	30	47	
		MH									SW	
82.9	83.5	84.9	85.9	86.3	86.2	86.6	86.7	86.5	85.9	86.2	87.4	✓
10.6	10.0	8.6	7.6	7.2	7.3	6.9	6.8	7.0	7.6	7.3	6.1	
100	80	59	35	19	15	8		15	22	35	62	
					✓ 86.5	86.3	85.9	86.4	88.5	89.6	92.4	✓
					7.0	7.2	7.6	7.1	5.0	3.9	1.1	
					15	21	29	75	100	150	168	
✓ 84.2	85.1	85.4	86.1	86.0	86.5							
9.3	8.4	8.1	7.4	7.5	7.0							
102	80	48	13	8								
					✓ 86.4	86.2	85.7	86.0	87.1	88.1		✓
					7.1	7.3	7.8	7.5	6.4	5.4		
					16	22	28	56	80			

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

		893.51		
--	--	--------	--	--

18+07	Shoulder Rt only			
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+21				
-----	--	--	--	--

+30				
-----	--	--	--	--

✓				
---	--	--	--	--

+50				
-----	--	--	--	--

✓				
---	--	--	--	--

T.P	6.33	888.53	11.31	882.20
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Nov 23, 1960

Lt

R

Rt

52

✓ 84.9	85.5	85.3	85.3	85.8	85.5	86.0	86.0	85.5	86.4	87.3	87.8	88.4	89.7
8.6	8.0	8.2	8.2	7.7	8.0	7.5	7.5	8.0	7.1	6.2	5.7	5.1	3.8
100	87	63	34	11	10	16	21	24	39	51	64	80	

✓ 86.3	86.3	85.7	85.9	86.6	87.2	87.9	88.5
7.2	7.2	7.8	7.6	6.9	6.3	5.6	5.0
15	21	25	28	43	66	80	

88.5	88.5	86.8	86.1	85.4	85.8	85.7
5.0	5.0	6.7	7.4	8.1	7.7	7.8
62	52	36	23	20	16	

85.3	85.6	85.2	85.4
8.2	7.7	8.3	8.1
9	10	28	59
			40

90.4	92.8	92.9
3.1	0.7	0.6
63	75	80

83.5	85.11	83.7	84.4	85.1	84.9	85.2	85.1	84.7	85.3	86.0	90.5	91.0
10.5	8.40	9.8	9.1	8.4	8.6	8.3	8.4	8.8	8.2	7.5	3.0	2.5
41	41	36	26	10	9	18	21	24	35	45	52	10

85.11	82.2
8.40	11.3
52	52
Top Wall	Ho

Top NE Cor lower step Ho #60 E Larp.

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

		888.53		
--	--	--------	--	--

18+73				
-------	--	--	--	--

✓				
---	--	--	--	--

+82	Rt only			
-----	---------	--	--	--

✓				
---	--	--	--	--

19+00				
-------	--	--	--	--

✓				
---	--	--	--	--

Nov 23, 1960

Lt

L

Rt

53

81.5

82.2

83.1

84.2

84.1

84.4

84.4

84.0

83.8

84.4

85.3

7.0

6.3

5.4

4.3

4.4

4.1

4.1

4.5

4.7

4.1

3.2

48

29

13

10

9

6

18

22

24

35

81.1

80.0

7.4

8.5

71

100

92.0

+3.5

75

92.3

+3.8

53

H.O.

91.6

+3.1

47

88.5

0.0

41

84.0

4.5

84.0

4.5

6

83.7

4.8

17

83.4

5.1

22

84.0

4.5

24

84.9

3.6

35

88.5

0.0

75

88.2

0.3

67

87.9

0.6

45

80.6

7.9

39

80.8

7.4

23

83.3

5.2

15

83.2

5.3

10

82.8

5.7

8

82.9

5.6

5

83.1

5.4

5

82.6

5.9

22

83.1

5.4

24

83.8

4.7

35

80.0

8.5

61

79.7

8.8

82

79.6

8.9

100

88.1

0.4

66

H.O.

86.9

1.6

42

Sta	+	Δ	-	Elev
-----	---	----------	---	------

		888.53		
--	--	--------	--	--

19+18				
-------	--	--	--	--

✓				
---	--	--	--	--

+28				
-----	--	--	--	--

✓				
---	--	--	--	--

+52				
-----	--	--	--	--

✓				
---	--	--	--	--

Nov 23, 1960

L+

A

R+

54

78.9	79.6	79.8	81.6	81.4	81.9	82.1	81.6	82.1	82.6
9.6	8.9	8.7	6.9	7.1	6.6	6.4	6.9	6.4	5.9
73	45	21	10	9		6	21	23	35

78.2
10.3
100

88.48
0.05
67
88.2
0.30
56
86.7
1.8
46
STEP

78.3	79.0	79.3	80.3	80.9	81.3	81.4	81.3	81.1	81.6	81.7
10.2	9.5	9.2	8.2	7.6	7.2	7.1	7.2	7.4	7.0	6.8
74	49	31	15	9		6	18	22	23	37

77.7
10.8
100

82.7
5.8
67
82.4
6.1
54
HO.

78.3	78.9	79.3	79.6	79.9	80.1	79.7	80.2	80.9
10.2	9.6	9.2	8.9	8.6	8.4	8.8	8.3	7.6
39	19	10	6		6	22	24	31

77.8
10.7
71
77.1
11.4
100

83.0
55
75
82.1
6.4
61

Sta + T - Elev

888.53

19+58 Rt only

✓

+75

✓

T.P. 0.30 879.84 8.99 879.54 (879.58)

+87 Lt only

✓

Nov 23, 1960

L4

P

RT

55

79.5 79.8 79.5 79.2 79.6
9.0 8.7 9.0 9.3 8.9
6 19 22 23

✓

79.4 79.6 79.4
9.1 8.9 9.1 ✓
75 61 37

78.3 78.6 78.0 78.3 78.6 78.8 78.8 78.6 78.9
10.2 9.9 10.5 10.2 9.9 9.7 9.7 9.9 9.6
62 35 26 10 6 18 22 23

77.8 77.1
10.7 11.4
92 100

✓

79.8 79.69 79.4 79.2
8.7 8.84 9.1 9.3 ✓
67 58 50 35
Ho SW

TOP Hy SW. Cor. Wanda & Larp. (Top loose)

71.4 72.4 73.8 75.6 77.6 77.7 77.9 78.0
8.6 7.4 6.0 4.2 2.2 2.1 1.9 1.8 ✓
63 44 38 31 25 11 6

69.7 69.1
10.1 10.7
79 100

Sta

+

Σ

-

ELV.

879.84

20+00

✓

+20

✓

+60

✓

+79

4.36

75.48

Nov. 23, 1960

Lt

E

Rt

56

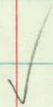
71.3	73.2	76.1	77.4	77.3	77.4	77.5	77.7	77.6	78.4	78.9	79.4
8.5	6.6	3.7	2.4	2.5	2.4	2.3	2.1	2.2	1.4	0.9	0.4
34	25	19	12	9	6		10	22	24	45	65

69.8	68.0	67.1	67.0
10.0	11.8	12.7	12.8
49	68	85	100



65.8	69.7	72.9	75.8	76.9	76.8	76.9	77.1	77.2	77.8	78.5	78.9
14.0	10.1	6.9	4.0	2.9	3.0	2.9	2.7	2.6	2.0	1.3	0.9
53	30	23	19	11	5		11	22	24	50	67

65.6	66.0	69.6
14.2	13.8	13.2
78	100	115



62.0	64.2	66.3	69.0	75.6	75.8	76.0	76.3	76.4	76.8	77.7	78.6
17.8	15.6	13.5	10.8	4.2	4.0	3.8	3.5	3.4	3.0	2.1	1.2
73	47	34	27	15	6		10	21	24	48	66
											40



62.4	60.2
17.4	19.6
100	125

F.L. of CB 21' Rt

Sta.	+	-	ELV.
------	---	---	------

879.84

21+00 Shoulder Rt

✓

+02 Gutter Rt

+16 L Wanda

✓

+30

+30

✓

Nov. 23, 1960

Lt

F

Rt

57

65.5	67.1	70.7	74.8	75.2	75.3	75.6	75.7	76.2	76.30	76.2
14.3	12.7	9.1	5.0	4.6	4.5	4.2	4.1	3.6	3.54	3.6
33	30	22	16	7		8	25	29	39	64

CB

62.4	60.0	58.6	56.8	55.4
17.4	19.8	21.2	23.0	24.4
57	74	84	100	125

75.3	75.6	75.7	75.7	75.43	75.8
4.5	4.2	4.1	4.1	4.1	4.0
7	22	32	39	62	

F.L.
CB

75.3	75.5	76.03	76.2	76.3	76.4
4.5	4.3	3.81	3.6	3.5	3.4
14	31	46	74	100	

MH

76.8	76.5
3.0	3.3
200	150

61.4	66.6	75.1	75.9	75.3	75.3	75.6	75.6	75.51	75.8
18.4	13.2	4.7	3.9	4.5	4.5	4.2	4.2	4.33	4.0
44	30	18	15	11		16	30	37	62

F.L.
CB

60.0	57.8	56.7	55.4
19.8	22.0	23.1	24.4
54	74	100	125

Sta	+	π	-	ELV
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879.84

+32 Shoulder Rt.

+38			3.40	76.44
-----	--	--	------	-------

+53			4.34	75.50
-----	--	--	------	-------

+70

✓

22+00

✓

+30

✓

Nov. 23, 1960

Lt

CP

Rt

58

HH 32' RT

P
FX

✓ 75.3
4.5 75.6 75.5 76.4 76.3
16 26 44 75

FLot CB 21' RT

59.0 62.5 67.9 75.6 75.6 75.6 75.6 75.8 76.3 76.8 77.0 77.7
20.8 17.3 11.9 4.2 4.2 4.2 4.2 4.0 3.5 3.0 2.8 2.1
53 39 30 21 6 14 20 21 35 54 58
H0

57.1 55.9 55.0
22.7 23.9 24.8
70 105 130

60.1 66.0 69.2 75.7 76.2 76.2 76.2 76.1 76.1 76.7 76.7 77.1
19.7 13.8 10.6 4.1 3.6 3.6 3.6 3.7 3.7 3.1 3.1 2.7
53 39 33 25 14 7 13 19 21 41 57
H0

57.5 55.3 53.7
22.3 24.5 26.1
67 86 125

66.0 67.7 70.7 75.9 76.9 77.0 77.2 77.2 76.7 76.9 76.8
13.8 12.1 9.1 3.9 2.9 2.8 2.6 2.6 3.1 2.9 3.0
46 43 37 28 20 8 9 19 23 50
63.1 60.3 57.4 55.9 55.8
16.7 19.5 22.4 23.9 24.0
57 76 101 119 125

Sta	+	π	-	Elev
		879.84		

+53

✓

TP	10.79	888.26	2.37	877.47
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+73

✓

23+00

✓

TP	2.22	890.31	0.17	888.09
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Nov 23, 1960

Lt

E

Rt

59

67.8	72.1	76.5	76.6	77.7	78.2	78.2	77.8	77.7	78.2	77.7
12.0	2.7	3.3	3.2	2.1	1.6	1.6	2.0	2.1	1.6	2.1
43	36	29	26	10		11	19	26	34	52

66.3	63.8	62.2	61.7	60.5
13.5	16.0	17.6	18.1	19.3
46	70	92	108	125

68.2	74.3	75.2	77.4	78.5	79.3	79.3	79.1	79.2	82.8	85.0
20.1	14.0	13.1	10.9	9.8	9.0	9.0	9.2	9.1	5.5	3.3
39	29	27	23	12		10	19	23	38	51

66.7	65.6	64.3	62.8
21.6	22.7	24.0	25.5
56	80	105	125

70.3	74.3	76.7	80.1	80.3	80.5	80.9	80.8	80.4	82.0	84.1	86.0
18.0	14.0	11.6	8.2	8.0	7.8	7.4	7.5	7.9	6.3	4.2	2.3
39	26	22	15	13	9		9	19	25	38	50

69.4	67.7	66.3	65.8	63.6
18.9	20.6	22.0	22.5	24.7
59	80	97	98	125

Top NW Cor. yard light base H^o 1675 Jackson

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

		890.31		
--	--	--------	--	--

+25				
-----	--	--	--	--

✓				
---	--	--	--	--

+53	Bottom Wall	LT		
-----	-------------	----	--	--

✓				
---	--	--	--	--

+54	Top wall	LT.		
-----	----------	-----	--	--

✓				
---	--	--	--	--

KG
IL
WM
JH

NOV 25, 1960
PC - Fair

L+

±

RT

60

68.0	72.3	74.5	76.7	82.2	81.8	82.4	82.2	82.0	84.9	87.8	88.5
22.3	18.0	15.8	13.6	8.1	8.5	7.9	8.1	8.3	5.4	2.5	1.8
98	73	49	28	15	13		11	18	31	51	59
											40

65.5

24.8
118

✓

77.9	79.5	79.8	84.4	83.3	83.5	83.8
12.4	10.8	10.5	5.9	2.0	6.8	6.5
60	43	28	18	14	10	

76.3

71.7

14.0
68

18.6
100

✓

82.3	83.1	83.6	84.5	84.4	83.4	83.9
8.0	7.2	6.7	5.8	5.9	6.9	6.4
59	58	46	41	17	14	

81.6

80.7

79.3

77.2

71.7

8.7
72

9.6
73

11.0
86

13.1
90

18.6
100

✓

Sta + π - Elev

890.31

+62

+64 W edge Ent. Rt

+79 E. edge Ent Rt

+81 Bank RT

24+00

TP 6.30 892.26 4.35 885.96

BM 7.14 885.12 (885.21)

BM 7.14 892.35 885.21

Nov 25, 1960

LT

F

RT

61

84.6	84.57	83.8	84.4	83.8	84.6	86.8	88.72
5.7	5.74	6.5	5.9	6.5	5.7	3.5	1.59
42	19	14		19	24	39	54
HO	SW						SW HO

84.4	83.9	85.1	87.1	89.0
5.9	6.4	5.2	3.2	1.3
20	30	44	59	
	BT			

84.8	85.1	85.3	84.8	85.2	85.1	84.5	85.6	86.5	89.0
5.5	5.2	5.0	5.5	5.1	5.2	5.8	4.7	3.8	1.3
40	30	18	14		8	20	30	38	59
HO						BT.			GAR.

85.3	85.1	84.8	86.5	87.7	88.5	88.8
5.0	5.2	5.5	3.8	2.6	1.8	1.5
9	20	26	38	50	59	HO

84.0	84.5	84.7	84.9	86.3	85.9	86.1	85.5	87.0	88.0	88.3
6.3	5.8	5.6	5.4	4.0	4.4	4.2	4.8	3.3	2.3	2.0
78	60	51	33	17	14		19	29	47	57

Top NE cor lower step Ho # MOI Jackson

" " " " " " " "

Sta	+	T	-	Elev
-----	---	---	---	------

892.35

24+08

+12

+27 Shldr.

+37	MH 8' Lt	5.28	87.07
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+41

+44	MH 1' Rt	4.49	87.86
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✓

+55

Nov 25, 1960

84.58
 7.77 8.3 7.7 7.6 5.7 6.2 5.9 5.8 6.2 6.5 5.9 5.1
 80 79 52 38 17 12 8 15 22 25 44
 Ret. Wall

80.8 81.1 83.1 85.2 86.6 86.2 86.6
 80.8 81.1 83.1 85.2 86.6 86.2 86.6

88.1
 43
 60

11.6 10.7 8.7 7.2 5.6 5.8 6.2 5.8
 81 73 51 34 18 15 11
 End Ret. Wall

80.7 82.7 85.2 86.6 87.2 87.3 86.5 86.9
 11.7 9.7 7.2 5.74 5.2 5.1 5.9 5.5
 80 57 31 13 M.H. 16 36 60

79.4 81.1 83.5 84.8 87.1 87.8 87.9 87.4 86.8 86.0 85.1
 13.0 11.3 8.84 7.6 5.3 4.6 4.5 5.0 5.6 6.4 7.3
 100 79 49 36 13 17 50 100 150 200
 M.H.

76.8 75.3 74.6
 15.6 17.1 17.8
 150 200 250

81.3 83.4 85.7 87.8 88.1 88.4 87.8 87.3 86.9
 11.1 9.0 6.7 4.6 4.3 4.0 4.6 5.1 5.5
 75 53 31 12 12 20 55 78

Sta

+

π

-

Elev

892.35

24+63

+76

+82

904

892.31

892.30

+85

+94

Nov. 25, 1960

81.4	84.1	86.2	87.2	88.0	88.3	88.7	88.0	88.0	87.3	63
110	8.3	6.2	5.2	4.4	4.1	3.7	4.4	4.4	5.1	
75	47	32	19	12	✓	13	28	49	75	

82.6	84.2	85.7	87.9	88.3	88.1	88.9	88.5	88.6	92.4	93.8	93.3
9.8	8.2	6.7	4.5	4.1	4.3	3.5	3.9	3.8	0.0	+1.4	+0.9
75	50	31	24	18	15	✓	17	23	29	33	50

89.1	88.7	88.9	92.4	94.4	94.0
✓	3.3	3.7	3.5	0.0	+2.0
	16	20	27	32	50

Top. H₂O SE cor. LARP. O Jackson

89.2	88.8	89.3	92.4	95.8	96.0
3.2	3.6	3.1	0.0	+3.4	+3.6
16	21	26	33	50	

86.8	87.5	89.4	89.3	88.8	89.3
------	------	------	------	------	------

5.6	4.9	3.0	3.1	3.6	3.1
44	32	26	18	15	

85.9	85.2
------	------

6.5	7.2
63	75

Sta	+	π	-	ELV.
-----	---	-------	---	------

		892.35		
--	--	--------	--	--

25+04				
-------	--	--	--	--

✓				
---	--	--	--	--

T.P.	4.99	89 7.30	0.04	892.31
------	------	---------	------	--------

+26				
-----	--	--	--	--

✓				
---	--	--	--	--

+42	Re only			
-----	---------	--	--	--

+50				
-----	--	--	--	--

Nov. 25 1960

Lt					Rt				
96.7	90.5	90.3	89.6	89.1	89.5	89.4	90.0	92.4	64
1.7	1.9	2.1	2.8	3.3	2.9	3.0	2.4	0.0	+3.8
51	31	26	16	15		15	20	24	32
90.5	90.3	87.1							
1.9	2.1	5.3							
75	91	100							

Hyd SE. cor. LARPA Jackson

90.8	90.6	90.4	89.5	90.5	89.9	90.3	90.7	92.1	96.0
6.5	6.34	6.89	7.8	7.3	7.4	7.0	6.6	5.2	1.3
58	52	27	15		14	16	20	24	31
HO	SW	SW							

90.3	90.4	91.7	92.7	95.9	96.4
7.0	6.9	5.6	4.6	1.4	0.9
	14	20	25	32	50

91.0	91.0	91.0	90.1	90.5	90.7	91.0	92.7	94.9	95.3
6.3	6.3	6.3	7.2	6.8	6.6	6.3	4.6	2.4	2.0
75	45	26	15		12	18	41	43	50

96.2
1.1
50
HO

Sta	+	Σ	-	ELV.
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897.30

25+61 Rt only

+63

+91

+98 Lt only

26+00

Nov 25, 1960

Lt

FC

Rt

65

✓ 90.7
6.6 6.5 4.9 3.4 2.3
14 25 37 50

✓ 90.7
6.6 6.5 4.7 2.5 2.0
14 23 33 50

90.8 90.7 90.7 90.7 90.4 90.7 90.5 91.3 94.6 95.0 95.1
6.5 6.6 6.6 6.6 6.9 6.6 6.8 6.0 2.7 2.3 2.2
75 53 33 20 16 12 20 31 43 50

90.7 91.52 90.7 90.6 90.7 90.3 90.6
6.6 5.78 6.6 6.7 6.6 7.0 6.7
75 53 53 33 21 16
Bot. WALL TOP WALL Bottom WALL

✓

91.57
5.72
75
TOP WALL

91.6 91.5 90.9 90.7 90.3 90.6 90.5 91.2 91.9 92.5 93.5
5.7 5.8 6.4 6.6 7.0 6.7 6.8 6.1 5.4 4.8 3.8
75 54 33 21 16 19 25 38 50 70

✓

Sta.

+

X

-

ELV.

897.30

26+11

2+21

+36

✓

+44

✓

Nov 25, 1960

Lt

P

Rt

66

92.2	91.7	91.3	90.8	90.2	90.4	90.2	90.8	91.4	92.4	92.9	93.33
5.1	5.6	6.0	6.5	7.1	6.9	7.1	6.5	5.9	4.9	4.4	3.97
80	61	45	23	16		13	19	30	45	54	54
											STEP

92.59	92.4	91.5	90.4	90.1	90.2	89.8	90.7	91.7	94.5	98.1	98.2
4.71	4.9	5.8	6.9	7.2	7.1	7.5	6.6	5.6	2.8	+0.8	+1.0
94	85	56	29	16		14	19	28	40	50	56

CONC.

92.5	91.5	90.6	89.7	89.7	89.3	90.2	91.3	94.8	97.3	98.8
4.8	5.8	6.7	7.6	7.6	8.0	7.1	6.0	2.5	0.0	+1.5
89	56	31	17		12	18	28	40	46	54

98.8
+1.5
60

92.7	92.2	91.7	91.0	89.6	89.5	89.0	90.1	91.1	95.7	97.3	98.3
4.6	5.1	5.6	6.3	7.7	7.8	8.3	7.2	6.2	1.6	0.0	+1.1
80	62	42	28	19		12	19	29	44	48	54

95.6
1.7
67

Sta.	+	Σ	-	ELV.
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		897.30		
--	--	--------	--	--

26+50				
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+57				
-----	--	--	--	--

+60	MH 2' RT		8.26	889.04
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+70				
-----	--	--	--	--

+80				
-----	--	--	--	--

27+00				
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⁰⁵ +07				
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Nov 25, 1960

Lt

F

Rt

67

92.6	92.0	91.6	90.0	89.4	89.4	88.9	89.8	90.6	94.3	95.3	96.4
4.7	5.3	5.7	7.3	7.9	7.9	8.4	7.5	6.7	3.0	2.0	0.9
80	47	32	26	16		13	17	27	44	49	60

✓

92.6	92.0	91.6	90.2	89.2	89.2	88.7	89.9	90.7	91.1	91.55
4.7	5.3	5.7	7.1	8.1	8.1	8.6	7.4	6.6	6.2	5.75
76	53	33	27	16		13	28	42	51	73

HO.

92.7	92.0	91.6	88.7	88.8	88.4	89.4	90.7	91.0	91.52
4.6	5.3	5.7	8.6	8.5	8.9	7.9	6.6	6.3	5.78
83	53	33	15		13	22	39	52	52

STFP-

92.3	92.2	91.7	89.4	88.5	88.6	88.2	89.0	90.2	94.5	95.7	95.7
5.0	5.1	5.6	7.9	8.8	8.7	9.1	8.3	7.1	2.8	1.6	1.6
75	56	34	25	17		16	22	32	45	50	55

✓

92.0	92.0	91.4	88.5	87.8	87.9	87.6	89.0	92.0	95.9
5.3	5.3	5.9	8.8	9.5	9.4	9.7	8.3	5.3	1.7
75	57	34	26	20		14	26	38	50

✓

92.0	91.9	91.2	88.4	87.8	87.9	87.5	87.9	89.4	95.5	96.4	97.2
5.3	5.4	6.1	8.9	9.5	9.4	9.8	9.4	7.9	1.8	0.9	0.1
80	53	33	26	18		13	17	28	50	58	65

✓

Sta

+

π

-

Elev.

897,30

27+07

+08

+20

+25

+49

+54 lt. only

+68

Nov 25, 1960

Lt

A

Rt

68

91.9	91.9	91.1	89.0	88.0	87.5	87.6	87.3	87.7	89.8	92.6	95.5	96.6
5.4	5.4	6.2	8.3	9.3	9.8	9.7	10.0	9.6	7.5	4.7	1.8	0.7
80	70	33	28	25	17		12	17	32	45	55	68

87.6	87.3	87.7	91.1	93.8
9.7	10.0	9.6	6.2	3.5
	12	17	43	65

91.9	91.5	90.4	87.7	87.2	87.3	86.8	87.4	90.1	92.8
5.4	5.8	6.9	9.6	10.1	10.0	10.5	9.9	7.2	4.5
80	51	32	26	19		12	17	38	58

87.1	86.6	87.4	90.2	95.0	95.3
10.2	10.7	9.9	7.7	2.3	2.0
	12	20	35	59	69

91.4	91.0	86.5	85.9	86.0	85.8	86.3	87.5	92.2	95.2	95.2
5.9	6.3	10.8	11.4	11.3	11.5	11.0	9.8	5.1	2.1	2.1
80	64	26	17		11	16	30	48	60	65

91.0	89.5	88.1	87.1	87.3	86.2	85.7	85.8
6.3	7.8	9.2	10.2	10.0	11.1	11.6	11.5
80	63	47	36	30	26	17	

88.9	88.1	86.9	86.2	86.5	85.0	85.7	86.7	85.8	93.7	94.8
8.4	9.2	10.4	11.1	10.8	12.3	12.1	10.6	11.5	5.6	2.5
82	72	58	42	32	18	14	32	43	58	71

Sta	+	π	-	Elev
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		897.30		
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+74				
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TP	0.35	884.81	12.84	884.46
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28+00	Rt only			
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TP	4.80	889.26	0.35	884.46
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28+00	Lt only			
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+07				
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+17				
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+20	Rt only			
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Nov 25, 1960

Lt

F

Rt

69

84.9	84.7	85.4	86.5	90.0	91.7
124	126	119	108	73	56
	14	18	32	57	68



83.3	83.3	84.4	84.8	87.1	89.4	91.4
15	15	04	00	+23	+46	+66
14	19	25	38	53	71	140

86.1	85.1	84.3	84.2	83.2	83.4
3.2	4.2	5.0	5.1	6.1	5.9
75	60	38	24	18	



85.6	84.4	83.5	83.3	82.9	82.6	82.9	83.5	84.3	85.4	85.72	85.82
3.7	4.9	5.8	6.0	6.4	6.2	6.4	5.8	5.0	3.9	3.74	3.44
75	52	37	20	19		11	14	31	52	52	71



STEP GAR.

84.9	84.3	83.1	82.7	82.3	82.6	82.4	83.1	84.5	85.4	85.8
4.4	5.0	6.2	6.6	7.0	6.7	6.9	6.2	4.8	5.9	3.2
75	62	45	28	19	9	18	35	53	66	



82.5	82.2	82.6	82.8	84.8	87.9
68	71	67	65	45	1.4
10	15	17	37	64	

Sta	+	Δ	-	Elev
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		889.26		
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+50				
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+62				
-----	--	--	--	--

+72				
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+79	MH 2' Rt			
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		10.08	879.18	
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+80				
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29+00				
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+18				
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+20				
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Nov. 25, 1960

Lt

4

Rt

70

81.1	80.3	80.1	80.7	80.4	80.8	79.4	80.8	81.3	83.6	87.3	87.3
8.2	9.0	9.2	8.6	8.9	8.5	9.9	8.5	8.0	5.7	2.0	2.0
75	60	36	20	19		12	15	24	38	56	60

79.4	79.0	79.2	80.2	79.6	80.1	79.6	79.9	80.3	81.7	82.1	82.84	82.68
9.9	10.3	10.1	9.1	9.7	9.2	9.7	9.4	9.0	7.6	7.2	6.42	6.58
80	67	45	19	18		11	15	25	44	58	58	69

79.4	78.5	78.1	79.5	79.4	79.1	79.6	79.0	79.3	80.1	81.7	82.6
9.9	10.8	11.2	9.8	9.9	10.2	9.7	10.3	10.0	9.2	7.6	6.7
80	68	47	32	19	18		13	15	27	47	58

78.6	77.7	77.4	78.6	79.0	78.8	79.1	78.5	79.1	79.1	80.8	83.2	84.8
10.7	11.6	11.9	10.7	10.3	10.5	10.2	10.8	10.2	10.2	8.5	6.1	4.5
75	65	50	36	19	18		12	15	18	34	52	66

79.2	79.4	77.8	77.8	78.2	77.6	77.7	77.6	78.1	80.8	84.2
10.1	9.9	11.5	11.5	11.1	11.7	11.6	11.7	11.2	8.5	5.1
75	69	52	38	24	17		22	24	38	62

81.3	79.1	77.4	77.7	76.4	76.7	76.2	76.5	79.1	81.9	83.2
8.0	10.2	11.9	11.6	12.9	12.6	13.1	12.8	10.2	7.4	6.1
85	62	41	28	17		14	22	36	5.0	59

Sta	+	π	-	Elev.
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		889.26		
--	--	--------	--	--

+32				
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TP	3.58	879.11	13.73	875.53
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BM			6.38	872.73
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				872.70
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BM	7.10	879.80		872.70
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+40	Rt only			
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+42				
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+77				
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+91	Rt only			
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R6
WM
JH
LB

Lt

L

Nov 25, 1960
Nov 28, 1960
Rt

71

81.0	79.1	77.9	77.5	76.0	75.5	75.9	75.5	75.7	76.0	77.4	78.5	78.70	78.55
8.3	10.2	11.4	11.8	13.3	13.8	13.4	13.8	13.6	13.3	11.9	10.8	10.56	10.1
78	56	51	36	19	16		14	15	28	44	61	61	70
												step	Ho

Rock

Top Hyd SW cor Larp & Agate

77

71

Top Hyd SW cor Larp & Agate

75.3	75.0	75.1	75.6	77.2	78.3	78.54
4.5	4.8	4.7	4.2	2.6	1.5	1.26
13	23	29	4.6	62	71	

Gar floor

80.9	79.8	78.7	77.1	76.3	75.1	74.8	75.2	74.8	75.0	75.7	77.7	79.1
11.1	0.0	0.9	2.7	3.5	4.7	5.0	4.6	5.0	4.8	4.1	2.1	0.7
75	68	57	43	32	18	16		14	23	30	48	66

80.1	78.6	77.4	74.6	74.2	73.4	73.0	72.8	73.3	73.0	73.5	74.4	75.9	77.6
10.3	1.2	2.4	5.2	5.6	6.4	6.8	7.0	6.5	6.8	6.3	5.4	3.9	2.2
75	61	54	45	36	27	19	17		13	21	32	42	57

72.5	72.1	72.1	72.3	72.3	72.25
7.3	7.7	7.7	7.5	7.5	7.55
13	19	35	59	70	

Gar floor

Sta	+	π	-	Elev
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Sta	+	π	-	Elev
		879.80		

Sta	+	π	-	Elev
30+00				

Sta	+	π	-	Elev
✓				

Sta	+	π	-	Elev
+05	Rt only			

Sta	+	π	-	Elev
+08	Rt only			

Sta	+	π	-	Elev
+35				

Sta	+	π	-	Elev
+53	Lt only			

Nov 28, 1960

Lt

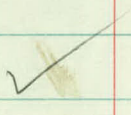
F

Rt

76.8	74.7	72.3	72.1	71.7	71.8	72.1	71.9	72.0	73.2	72.2	72.3
3.0	5.1	7.5	7.7	8.1	8.0	7.7	7.9	7.8	7.6	7.6	7.5
56	46	34	20	17	13		12	17	26	46	55

79.5
0.7
71

79.5
0.3
77



71.8	71.6	71.6	71.9	71.9	71.9
8.0	8.2	8.2	7.9	7.9	7.9
9	14	20	35	52	



71.6	71.3	71.7	71.6	71.1
8.2	8.5	8.1	8.2	8.7
13	18	30	51	



76.4	75.8	74.8	72.7	71.7	70.8	70.2	70.4	70.2	70.48	70.5	70.6
3.4	4.0	5.0	7.1	8.1	9.0	9.6	9.4	9.6	9.32	9.3	9.2
76	68	58	42	35	20	18	✓ 12	15	38	67	140

74.8	73.6	72.2	70.4	70.0	69.5	69.1
5.0	6.2	7.6	9.4	9.8	10.3	10.2
75	51	40	32	23	17	



Sta	+	π	-	Elev
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		879.80		
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+68				
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+77	RT only			
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+79	RT. only			
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+84	Gutter + Top Carb			
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+99	MH 2' RT	11.55	68.25	
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31+00	E Agate Lt.			
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TP	0.66	871.77	8.69	871.11
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Nov 28, 1960

LT

F

RT

73

72.1	71.2	70.5	69.9	69.5	68.8	68.9	68.8	68.9	69.4	69.7
7.7	8.6	9.3	9.9	10.3	11.0	10.9	11.0	10.9	10.4	10.1
75	62	39	32	22	15		13	15	25	51

68.8	68.5	68.8	69.0	69.5
11.0	11.3	11.0	10.8	10.3
13	17	34	58	

68.8	68.3	68.6	68.6	67.6
11.0	11.5	11.2	11.2	12.2
15	18	27	57	

69.8	70.2	68.9	69.4	68.9	68.3	68.2	68.6
10.0	9.6	10.9	10.4	10.9	11.5	11.6	11.2
65	65	47	47	28	26	15	
B.C	T.C	B.C	T.C	Top	Chrb		

71.1	70.6
8.7	9.2
77	77
TC	B.C.

79.8	76.7	72.7	69.4	68.0	67.7	68.1	67.5	67.8	67.4	66.7
0.0	3.1	7.1	10.4	11.8	12.1	11.7	12.3	12.0	12.4	13.1
182	150	100	50	24	16		15	18	31	55

Spike in PP 22' RT sta 30+77

Sta	+	π	-	Elev
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		871.77		
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+16	Gutter & Shoulder Lt (Top Curb + Bottom Curb)			
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+23				
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+28				
-----	--	--	--	--

TP	1.49	872.60	0.66	871.11
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+35				
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+72				
-----	--	--	--	--

+88				
-----	--	--	--	--

RG
WM
JH
LB

LT

R

Nov 28, 1960
Nov 29, 1960
Rt

74

71.0	70.5	68.7	68.2	68.0	67.5	67.1	67.4
0.8	1.3	3.1	3.6	3.8	4.3	4.7	4.4
75	75	38	38	23	23	15	
TC	BC	TC	BC	TC	BC		

67.2	66.7	67.0	66.6	66.5	66.7
4.6	5.1	4.8	5.2	5.3	5.1
15	18	31	47	60	

71.3	70.3	69.3	68.0	67.4	66.8	67.0	66.5	66.7	66.7	67.5	67.6
0.5	1.5	2.5	3.8	4.4	5.0	4.8	5.3	5.1	5.1	4.3	4.2
75	60	43	29	17	15		15	20	34	50	60

Spike in PP 22'rt sta 30+77

73.3	72.3	70.3	68.4	67.2	66.5	66.8	66.2	66.5	66.9	67.8	68.3
40.7	0.3	2.3	4.2	5.4	6.1	5.8	6.4	6.1	5.7	4.8	4.3
75	65	50	35	18	16		15	23	35	57	71
											40

72.9	72.2	70.8	67.9	67.0	66.1	65.2	65.5	65.2	65.6	65.7	67.1
40.3	0.4	1.8	4.7	5.6	6.5	7.4	7.1	7.4	7.0	6.9	5.5
75	65	44	32	29	17	15		16	28	38	54

72.4	71.7	70.6	67.0	65.5	64.7	65.0	64.7	64.8	65.4	66.0
0.2	0.9	2.0	5.6	7.1	7.9	7.6	7.9	7.8	7.2	6.6
75	64	43	27	17	14		17	21	41	60

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

		872.60		
--	--	--------	--	--

32+00				
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+48				
-----	--	--	--	--

+60	Rt only			
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+65				
-----	--	--	--	--

33+00				
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BM	10.01	869.66	12.95	859.65	859.65
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+27				
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Nov 29, 1960
Snow; Windy

Lt

E

RE

75

72.4

0.2

75

71.5

1.1

60

67.8

4.8

40

66.7

5.9

28

65.0

7.6

15

64.4

8.2

13

64.5

8.1

✓ 15

64.4

8.2

15

64.6

8.0

21

65.3

7.3

35

66.2

6.4

53

66.5

6.1

70

40

71.6

1.0

75

71.4

1.2

53

67.6

5.0

35

64.3

8.3

28

63.7

9.4

19

62.5

10.1

14

62.7

9.9

✓ 14

62.0

10.6

14

62.4

10.2

16

63.1

9.5

26

65.8

6.8

47

66.4

6.2

55

62.2

10.4

11

61.6

11.0

15

62.1

10.5

15

62.9

9.7

28

64.0

8.6

42

65.1

7.5

50

71.4

1.2

75

70.9

1.7

48

67.8

4.8

36

63.5

9.1

28

62.5

10.1

21

61.7

10.9

14

62.0

10.6

✓ 12

61.4

11.2

15

62.0

10.6

26

62.6

10.0

36

65.9

6.7

44

67.9

4.7

50

68.0

4.6

50

70.6

2.0

75

70.2

2.4

55

65.9

6.7

41

62.3

10.3

30

61.0

11.6

23

60.3

12.3

19

60.7

12.4

✓ 17

59.8

12.8

17

59.9

12.7

21

61.3

11.3

23

64.0

8.6

37

67.4

5.2

50

67.8

4.8

57

Top NE Cor. lower steps Ho# 184 E. Larp

59.2

10.5

18

58.8

10.9

19

59.5

10.7

Carb

59.5

10.2

21

60.2

9.5

23

61.7

8.0

31

67.5

2.2

46

68.1

1.6

52

Sta	+	π	-	Elev
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		869.66		
--	--	--------	--	--

+28				
-----	--	--	--	--

+37				
-----	--	--	--	--

	Rt only (Driveway)			
--	--------------------	--	--	--

+53				
-----	--	--	--	--

	Rt only (Driveway)			
--	--------------------	--	--	--

+54				
-----	--	--	--	--

+68				
-----	--	--	--	--

+88				
-----	--	--	--	--

Nov 29, 1960

LH

F

RT

76

69.7	68.5	64.5	60.7	59.8	59.1	59.2	58.8	59.4	59.4	61.5	65.3
0.0	1.2	5.2	9.0	9.9	10.6	10.5	10.9	10.3	10.3	8.2	4.4
83	67	50	39	26	25		19	20	23	32	50
				carb				carb			

58.9	58.5	59.2	59.7	60.7	61.3
10.8	11.2	10.5	10.0	9.0	8.4
21	22	carb	34	46	50

58.6	58.2	58.8	59.6	61.0	61.0
11.1	11.5	10.9	10.1	8.7	8.7
21	22	carb	36	50	70
					110

69.6	68.5	59.1	58.9	58.3	58.5	58.1	58.8	59.0	60.6	63.1
0.1	1.2	10.6	10.8	11.4	11.2	11.6	10.9	10.7	9.1	6.6
90	78	40	32	31		21	22	27	37	50
			carb				carb			

68.6	67.8	59.0	58.4	57.8	58.2	57.7	58.3	58.2	59.65	62.0	64.3
1.1	1.9	10.7	11.3	11.9	11.5	12.0	11.4	11.5	10.01	7.7	5.4
90	79	48	37	36		20	21	23	31	40	50
			carb				carb		step		

65.1	64.9	57.9	57.7	57.2	57.7	57.2	57.8	57.7	60.1	64.3
4.6	4.8	11.8	12.0	12.5	12.0	12.5	11.9	12.0	9.0	5.4
82	72	48	39.5	39		20	21	24	34	50
			carb				carb			

Sta	+	π	-	Elev
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		869.66		
--	--	--------	--	--

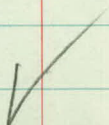
34+28				
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BM				
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			10.01	
--	--	--	-------	--

				859.65
--	--	--	--	--------

Checked & Reduce
H.D.G.



Nov 2, 1960

Lt

E

Rt

77

64.8

64.5

56.9

56.7

56.1

56.8

56.4

56.9

57.6

62.3

4.9

5.2

12.8

13.0

13.6

12.9

13.3

12.8

12.1

7.4

84

72

48

41

40

20

21

31

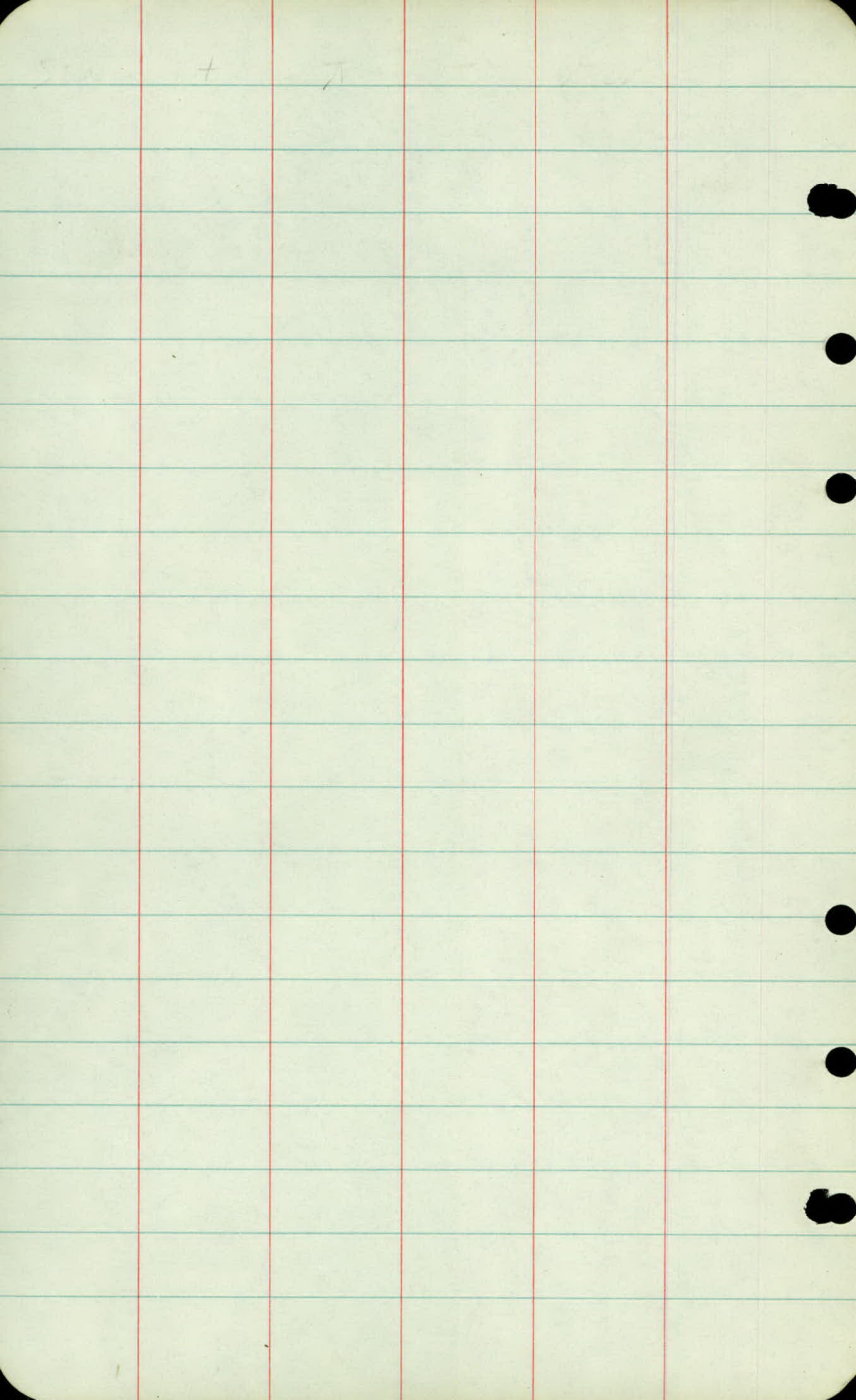
50

curb

curb



Top NE Cor lower step Ho#184E Larp



R6
JL
WM

Dec 28, 1960
10° Wind 10 mph

a

Additional X-Sections

Larp Ave - Rice St. to Jackson

pages a4b

X Sect. At Water Dept. Culverts

Sta	+	X	-	Elev
BM	0.67	853.96		853.29

5+93

5+93

✓

5+97

5+97

✓

6+00 Rt only

Dec 28, 1960

Lt.

E

Rt

b

Top N.W. Cor lower step Ho # 94 W. Lar p.

44.6	46.9	47.8	47.7	47.9	47.9	47.8	47.9	48.2	47.9	46.6
9.4	7.1	6.2	6.3	6.1	6.1	6.2	6.1	5.8	6.1	7.4
33	22	16	15	8		8	11	13	18	30

43.0	37.4	33.6	35.5
11.0	16.6	20.4	18.5
38	48	56	75

37.8	37.7	37.7	41.2
18.2	16.3	16.3	12.8
73	66	45	40
FC			

47.2	47.6	47.2
6.8	6.4	6.2
21	15	6

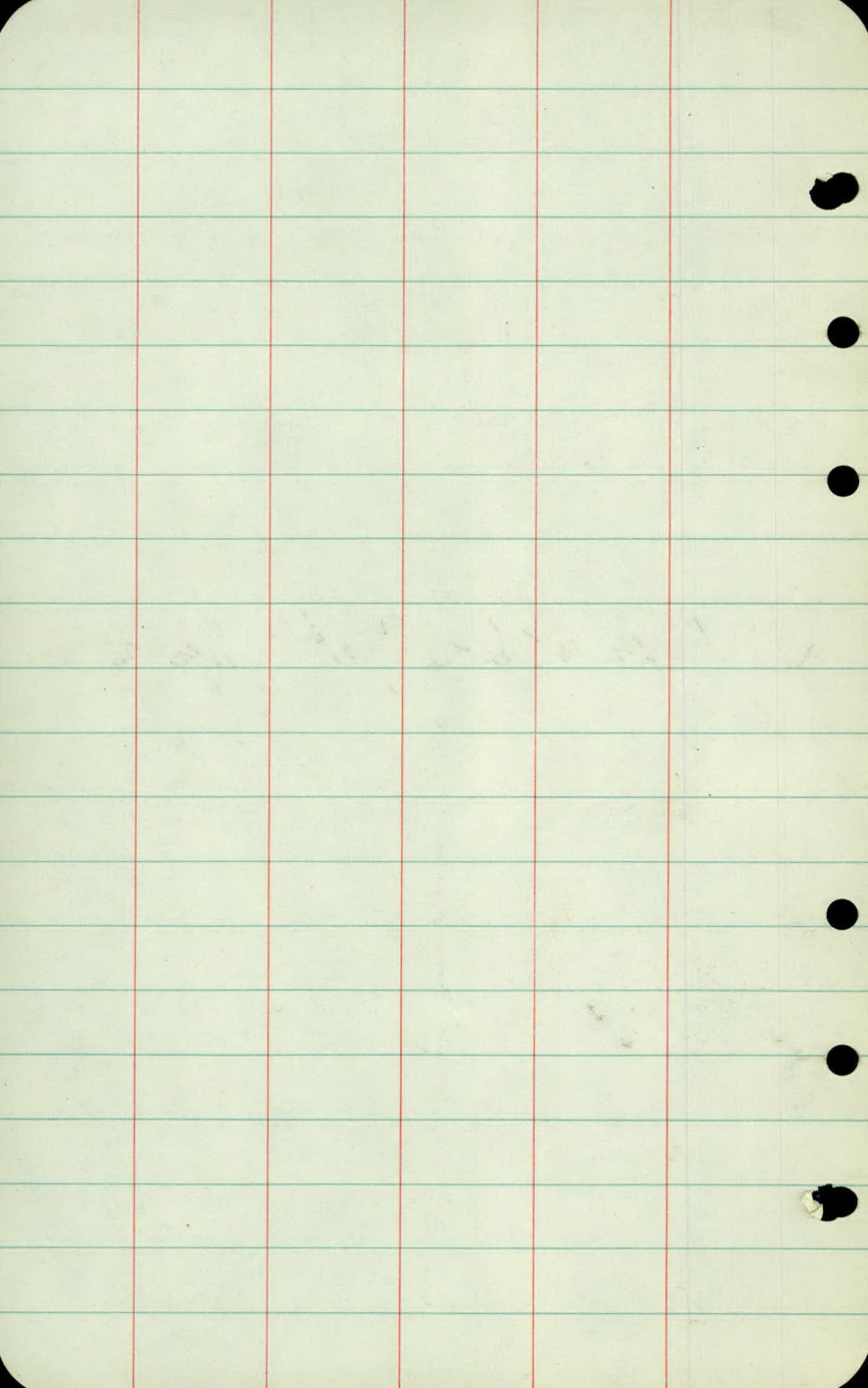
47.8	47.8	47.8	48.1	47.5
6.2	6.2	6.2	5.9	6.5
	4	11	13	26

44.8	42.4	37.0	37.9
9.2	11.6	17.0	18.1
32	41	51	54.5
			Water

37.6	36.5	34.8	36.4	41.1
16.4	17.5	19.2	17.6	12.9
73	66	55	47	38

47.7	47.6	47.6	47.9	46.1	40.9
6.3	6.4	6.4	6.1	7.9	13.1
	7	14	15	27	35

36.6	35.9	33.9	33.9	36.7	36.7
17.4	18.1	20.1	20.1	17.3	17.3
74	70	64	49	49	44
FE		Water	Water	Top Ho End East	Top E. 36" CM
				36" CM	



Larp Ave

1

Additional X-Sections

Sta 5+97

2 X-drain culverts

2 pages

Sta	+	π	-	Elev
BM	0.52	853.81		853.29

5+97

✓

6+00 $\frac{1}{2}$

6.18 847.63

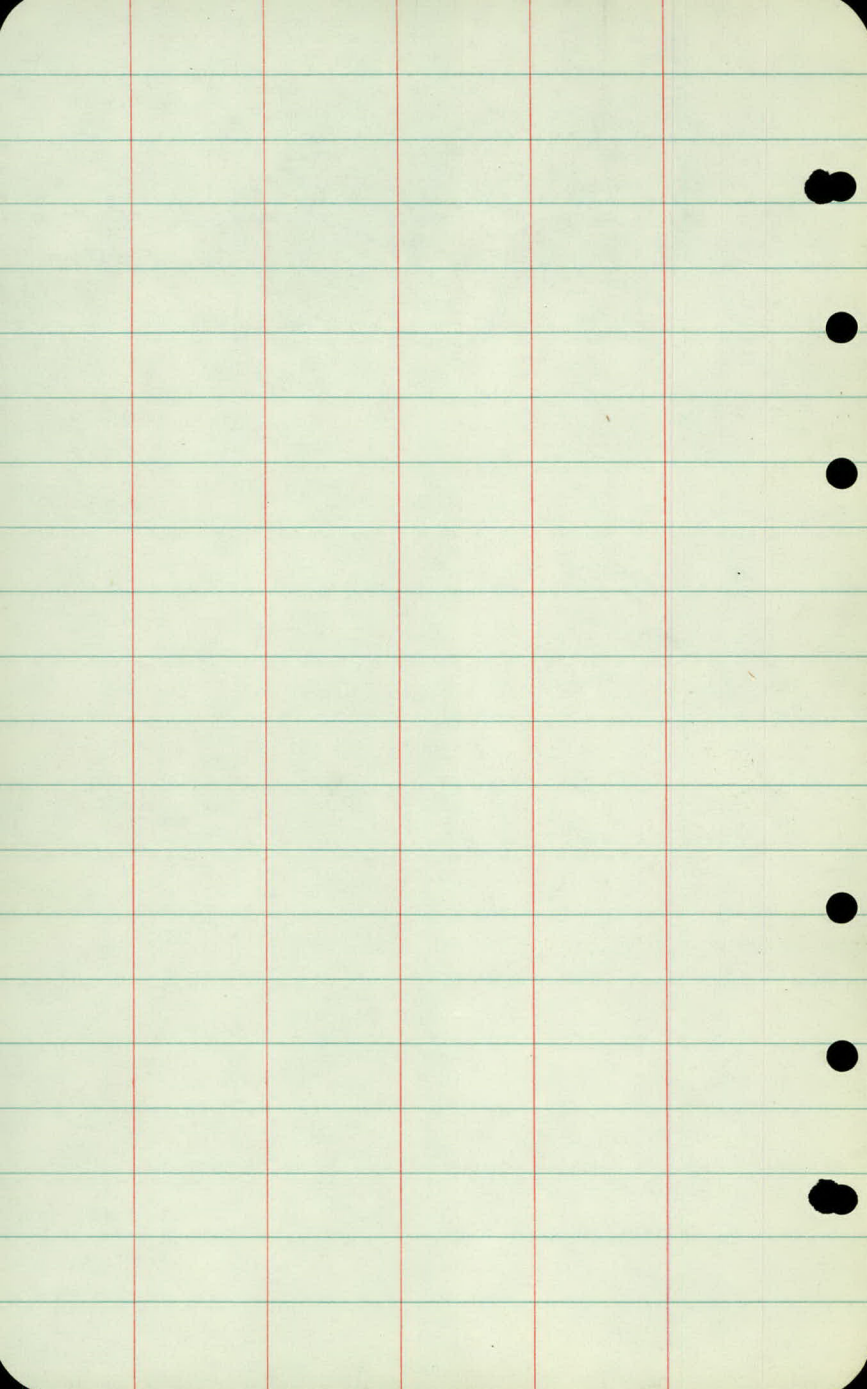
Jan 5, 1961

2

Top NW cor bottom step Ho #94 W. Larp

33.2	33.9	37.0	42.9	45.7	47.5	47.8	47.7	41.8	47.3	42.2	35.3	33.
20.6	19.9	16.8	10.9	8.1	6.3	6.0	6.1	6.0	6.5	11.6	18.5	20.
55	55	50	40	26	15		12	15	27	35	48	49
ditch	water											Water
bottom												

33.4		35.8	34.7	32.7	32.7	32.8
→ 30.4		18.0	19.1	21.1	21.1	21.0
75		75	69	68	59	Ditch
Ditch		Top		Ditch	Ditch	bottom.
bottom		Bank		Bottom	Bottom	49



Additional x-sections

Sta	+	π	-	Elev.
T.P.	12.39	864.64		852.25
9+00	±		10.63	54.01 ✓

9+28

✓

+85±

8.66 55.98 ✓

BM 2.16 877.34

(875.18)

13+78

+25

5.10 72.24 ✓ Walk 30± ft

BM 1.15 891.66

(890.51)

17+90

17+90

18+00

Dec. 16, 1960

2

Lt

Rt

End Sidewalk Lt sta 8+20±

54.7	54.7	54.5	54.6	54.5	54.4	54.5	54.8
99	99	10.1	10.0	10.1	10.2	10.1	9.8
29	16	13	8		8	16	25
55.0	54.8	54.8	53.7	54.8	62.1	63.1	54.8
9.6	9.8	9.8	10.9	5.8	2.5	1.5	5.8
39	45	60	80	75	59	42	34
Top MH							

Top East Door Sill Ho #33 E Larp

72.6	72.2	71.5	72.2	72.1
4.7	5.1	5.8	5.1	5.2
47	30	17	11	
Ho				

Top Hyd S.W. Cor Larp & Abel

85.1	85.6	86.2	86.2	86.5
6.6	6.1	5.5	5.5	5.2
75	48	19	10	

87.7	86.2	85.9	86.3	86.6	86.5
4.0	5.5	5.8	5.4	5.1	5.2
60	30	21	16	9	
Right					

Sta + π - Elev

891.66

18+06

18+50

BM 3.63 895.93

892.30

25+63

BM 5.15 897.45

892.30

27+07

2 Dec 16,

3

✓ 83.4 85.1 85.7 86.2 86.0 86.1 ✓
 6.3 6.0 5.5 5.7 5.3
 75 58 35 11 7

84.1 85.2 84.6 85.2 85.0 85.3 ✓
 86 6.5 7.1 6.5 6.7 6.4
 B. + TAP 23 10 9
 41

85.2 82.3 ✓
 → 6.5 94
 W → Top Bot-East
 51

Top Hyd SE Cor Jackson & Larp

✓ 90.8 90.9 90.9 90.7 90.4 90.7 ✓
 5.1 5.0 5.0 5.2 5.5 5.2
 75 53 30 21 15

Top Hyd S.E. Cor. Jackson & Larp enteur

91.3 88.3 88.0 87.6 87.8 87.8 87.4 88.0 89.1 91.6
 6.2 9.2 9.5 9.9 9.7 9.7 10.1 9.5 8.3 5.9
 { 35 26 22 17 10 12 18 28 39 }

91.8 92.0
 → 5.7 5.5 ✓
 57 80

95.9 94.0
 1.6 3.5
 58 48

Sta	+	π	-	Elev
BM	8.62	979.73		971.11

29+91

✓

BM

2.02 972.71 (972.70)

Dec 16, 1960

4

Lt

Rt

Spike in PP Rt Sta 29+90 ±

72.6 72.6 72.2 72.3 72.4

71 71 75 74 73

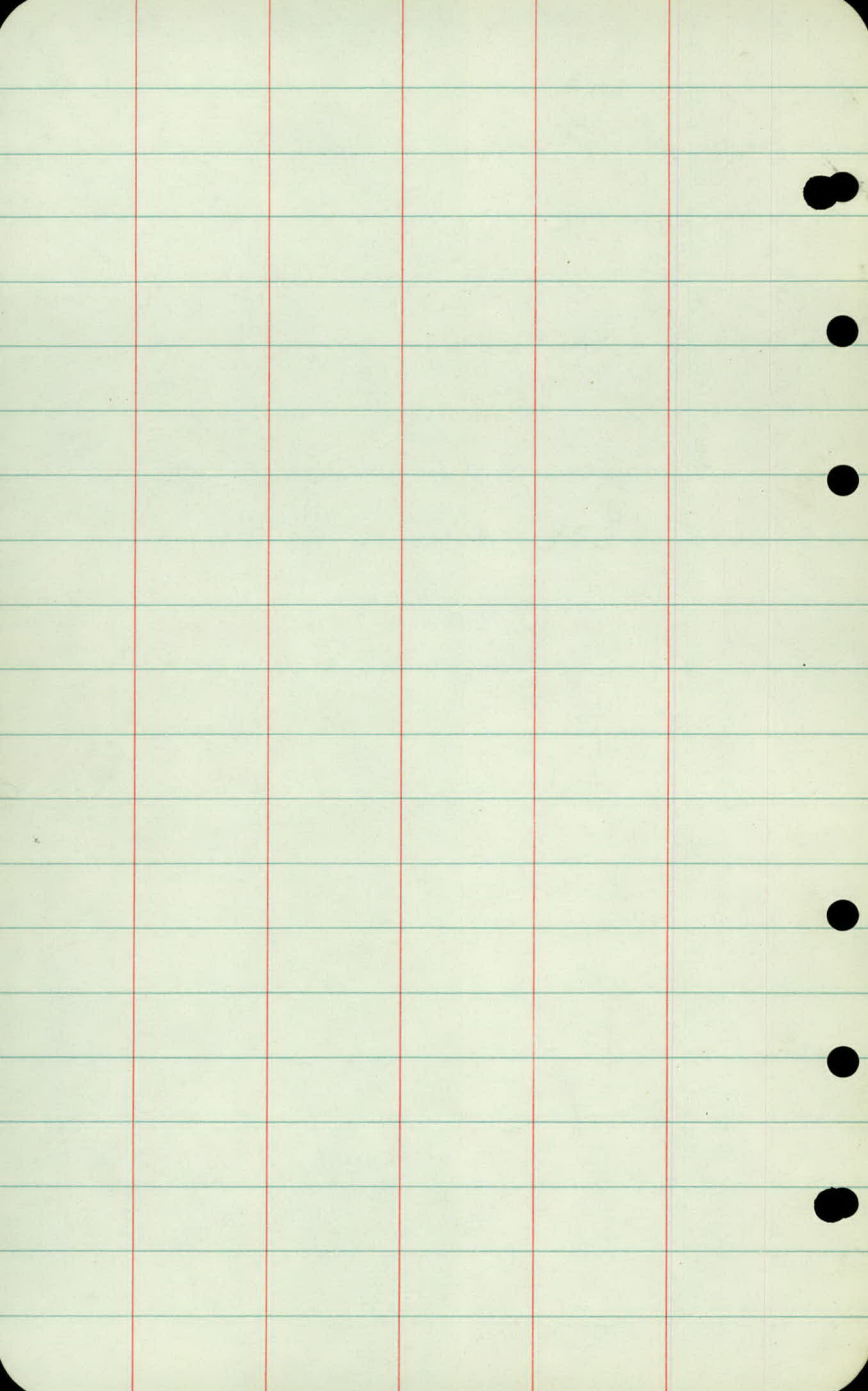
36 23 17 10

75.2 77.5 79.9

4.5 22 +0.2

48 58 75

Top Hyd Rt Sta 29+ 80 ±



RG
JL
WM

Dec 29, 1960
cloudy, cool

1

Larpenteur Ave

Rice to McMenamy

Additional X-Sections

8 pages

Sta	+	Δ	-	Elev
BM	1.39	891.90		890.51

18+82

v

19+58

19+87

19+00

BM	1.65	881.23	2.89	883.0
----	------	--------	------	-------

21+16

2

Lt

E

Rt

2

Top Hyd SW Cor Abel + Larp.

81.8	83.1	84.1	83.9	84.1
10.1	8.8	7.8	8.0	7.8
38	18	10	9	

81.3	80.8
10.6	11.1
59	75

77.9	78.3	78.7	79.1	79.8
14.0	13.6	13.2	12.8	12.1
75	52	24	10	

78.3	78.5	78.4	78.8	79.4
13.6	13.4	13.5	13.1	12.5
	7	23	25	50

83.01

Top Hyd SW Cor Larp + Wanda

64.0	67.5	75.4	75.2	76.4
17.2	13.7	5.8	6.0	5.9
37	28	15	11	

61.6	59.2	56.6	55.4	54.4
19.6	22.0	24.6	25.8	26.8
51	75	100	130	163

Sta.	+	π	-	ELV
		881.23	4.92	
T.P. 22+00	12.63	889.04	4.82	876.41

23+53

24+00

✓

+58

+58

✓

✓

+64

T.P. 24+00	7.39	893.63	2.80	886.24
------------	------	--------	------	--------

BM

1.32

892.31

(892.31)

R6
JL
WM

Lt

R

Dec 29, 1960
Dec 30, 1960
RT

3

PKnail E Sta 22+00

84.0	83.8	83.5	85.7	87.9	88.6
5.0	5.2	5.5	3.3	1.1	0.4
	10	19	31	48	53
				88.8	0.2
				61	

82.5	83.2	84.6	84.7	83.7	84.3	83.7	86.2	87.8	88.7	88.93
6.5	5.8	4.4	4.3	5.3	4.7	5.3	2.8	1.2	0.3	0.11
59	59	39	18	14		19	31	45	53	53
BOTTOM	TOP									conc
WALL	WALL									step
81.7	81.0	79.9	76.2	71.2						
7.3	8.0	9.1	12.8	17.8						
74	74	87	94	103						
TOP	BOTTOM									
WALL	WALL									
84.8	84.9	84.8	84.0	84.5						
4.2	4.1	4.2	5.0	4.5						
42	33	18	14							
40.										

PKnail E Sta 24+00

Top Hyd SE cor Larp & Jackson

Sta + π — Elev

893.63

23+81

+95

✓

24+83.5

✓

+94

RS
JA
WM

L4

E

Dec 30, 1960
cloudy, cool
RT

4

✓ 84.9
8.7
42

85.1
8.5
32

85.4
8.2
17

85.0
8.6
14

85.1
8.5
9

85.3
8.3

84.9
8.7
41

85.4
8.2
30

86.2
7.4
17

85.8
7.8
14

86.0
7.6

85.8
7.8
11

85.4
8.2
18

85.6
8.0
20

6.5
29

✓ 84.7
8.9
61

84.4
9.2
75

88.5
5.1
50

88.1
5.5
42

88.7
4.9
26

88.8
4.8
16

88.3
5.3
15

88.7
4.9
11

89.0
4.6

85.6
8.0
34

84.2
9.4
56

83.1
10.5
75

✓

89.3
4.3
10

89.3
4.3
19

92.4
1.2
26

93.6
0.0
28

95.8
+2.2
32

✓ 95.9
+2.3
51
H0

96.0
+2.4
47

Sta.	+	Σ	—	ELV.
		893.63		
25+42				
T.P.	9.28	896.07	6.84	886.79
27+25				
✓				
+54				
✓				
+74				

Dec. 30, 1960

Lt

Rt

Rt.

5

✓ 90.9
2.7 2.6 2.7 3.5 3.7 3.3
63 40 26 17 15
HO.

Rock
90.3 87.3 90.1 87.2
5.8 8.8 9.1 8.9 8.9
33 25 18 13

✓ 90.9
5.2 4.5 4.2
39 57 75

86.0 86.0 86.8 87.4 90.6
10.1 10.1 9.3 8.7 5.5
12 21 29 42

✓ 95.5
0.6 95.4
71 0.7
HO 60

✓ 88.4 87.1 85.9 86.2 85.2 84.8 85.1
2.7 9.0 10.2 9.9 10.9 11.3 11.0
75 65 47 31 20 19
✓

Sta + π - ELV.

896.07

28+20

28+00

12.39

5.79 878.49

872.70

30+05

5.7

✓

+08

+53

+78

Dec 30, 1960

Rt

6

H

FD

84.6	83.3	82.5	82.5	82.1	82.6
11.5	12.8	13.6	13.6	14.0	13.5
75	51	35	20	18	

83.68

76.4	74.1	72.3	72.0	71.5	71.9
2.1	4.4	6.2	6.5	7.0	6.6
57	50	31	19	17	

✓ 78.5
0.0
75

78.3	76.2	74.2	72.0	71.9	71.4	71.7
0.2	2.3	4.3	6.5	6.6	7.1	6.8
75	58	48	31	19	17	

8.8	9.0	8.5	8.3
14	26	50	

71.5	70.5	69.7	69.0	68.5	68.7
7.0	8.0	8.8	9.5	10.0	9.8
75	63	41	32	20	

Sta.

+

-

-

ELV.

878.49

30+84

31+16

+23

32+60

✓

T.P.

5.33

870.59

13.23

865.26

33+37

Dec. 30, 1960

Lt

L

Rt

7

68.6	68.2	68.6	68.2	67.4	67.4
9.9	10.3	9.9	10.3	11.1	11.1
	14	15	28	45	50

67.5	67.0	67.3	66.8	66.5	
11.0	11.5	11.2	11.7	12.0	
	15	17	33	50	

71.2	69.5	68.2	67.7	67.0	67.3
7.3	9.0	10.3	10.8	11.5	11.2
75	49	29	18	17	

68.5	65.5	63.0	62.7	61.9	62.2
10.0	13.0	15.5	15.8	16.6	16.3
39	33	24	17	14	

71.2	71.7	71.5
7.3	6.8	7.0
52	68	75

Stake	59.6	59.4	58.8	58.9	58.9
8.5	11.0	11.2	11.8	11.7	11.7
45	35	26	26	16	
65.9	68.3	68.9			
4.7	2.3	1.7			
57	67	75			

Sta.	+	Σ	-	ELI.
------	---	----------	---	------

		870.59		
--	--	--------	--	--

33+53				
-------	--	--	--	--

✓				
---	--	--	--	--

T.B.M.				
--------	--	--	--	--

		10.90	859.69	859.68
--	--	-------	--------	--------

Dec. 30, 1960

Lt

R

Rt

8

58.8

58.9

58.3

58.5

58.5

11.8

11.7

12.3

12.1

12.1

36

30

30

17

TC

BC

62.9

67.2

68.2

69.4

7.7

3.4

2.4

1.2

53

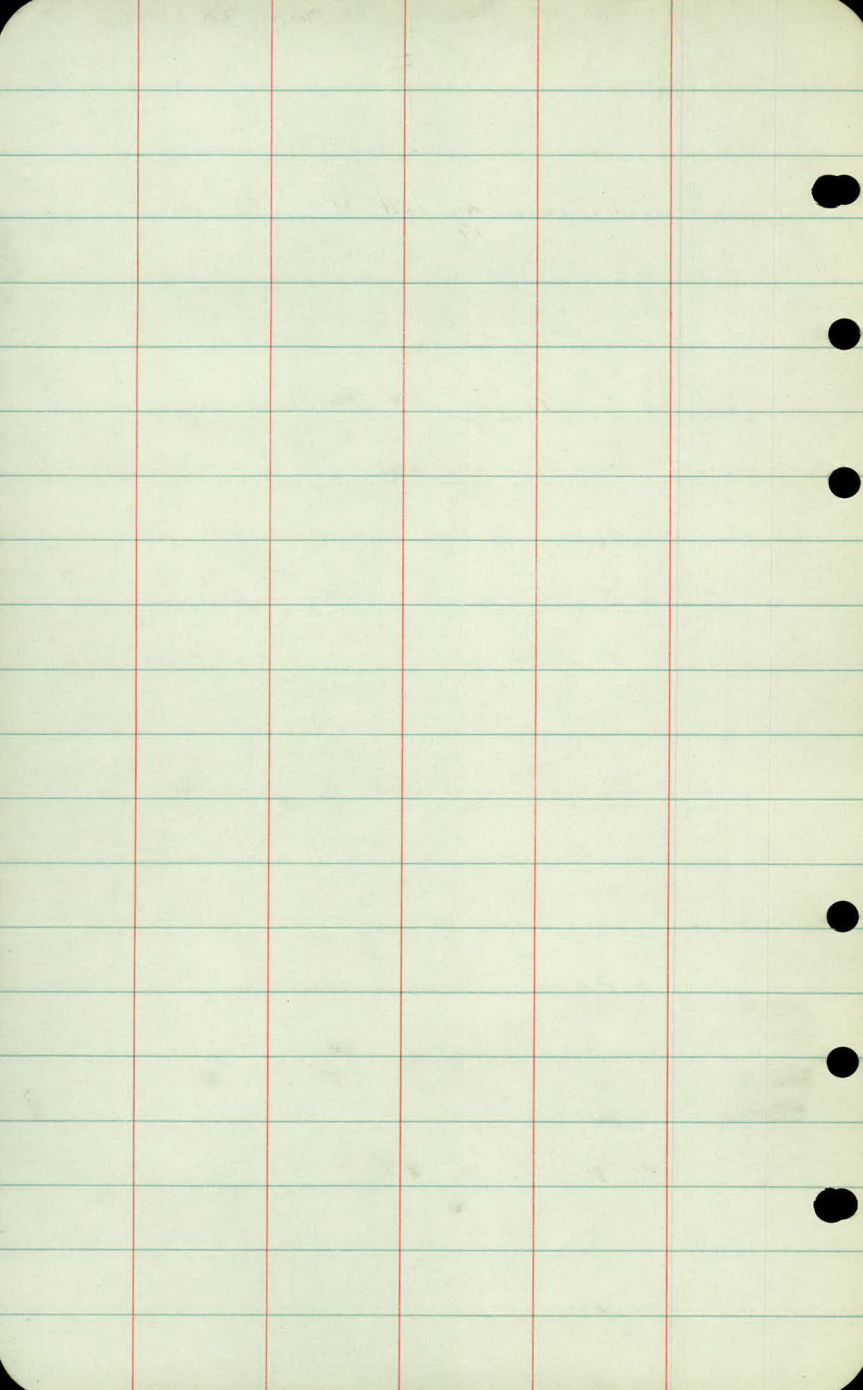
70

75

85

✓

✓



1
Larpenteur Ave
Rice St East
Additional X-Sections

Sta	+	π	-	Elev
BM,	1.56	876.74		875.18

13+05 Lt

+11 Rt E driveway

+40 Rt

+70 Lt

TP	11.99	885.28	3.45	873.29
----	-------	--------	------	--------

14+28 Rt

+42 Rt

BM,		10.09	875.19	875.18
-----	--	-------	--------	--------

↑
+48 Lt

KG
JS
FS
WM

Jan 16, 1960

2+

2

RT

2

East doors 11 Ho# 33 E Larp

✓ 66.5 10.4 75
67.3 9.4 58
68.3 8.4 52
68.6 8.1 41
68.8 7.9 27
68.6 8.1 15
68.9 7.8 13
69.0 7.7

69.2 7.5 14
69.0 7.7 21
69.7 7.0 41
71.1 5.6 50
71.4 5.3

70.3 6.4 15
70.1 6.6 19
71.3 5.4 32
73.1 3.6 50
73.7 3.0

✓ 72.5 4.2 48
72.3 4.4 33
71.4 5.3 27
71.1 5.6 17
71.6 5.1 12
71.7 5.0

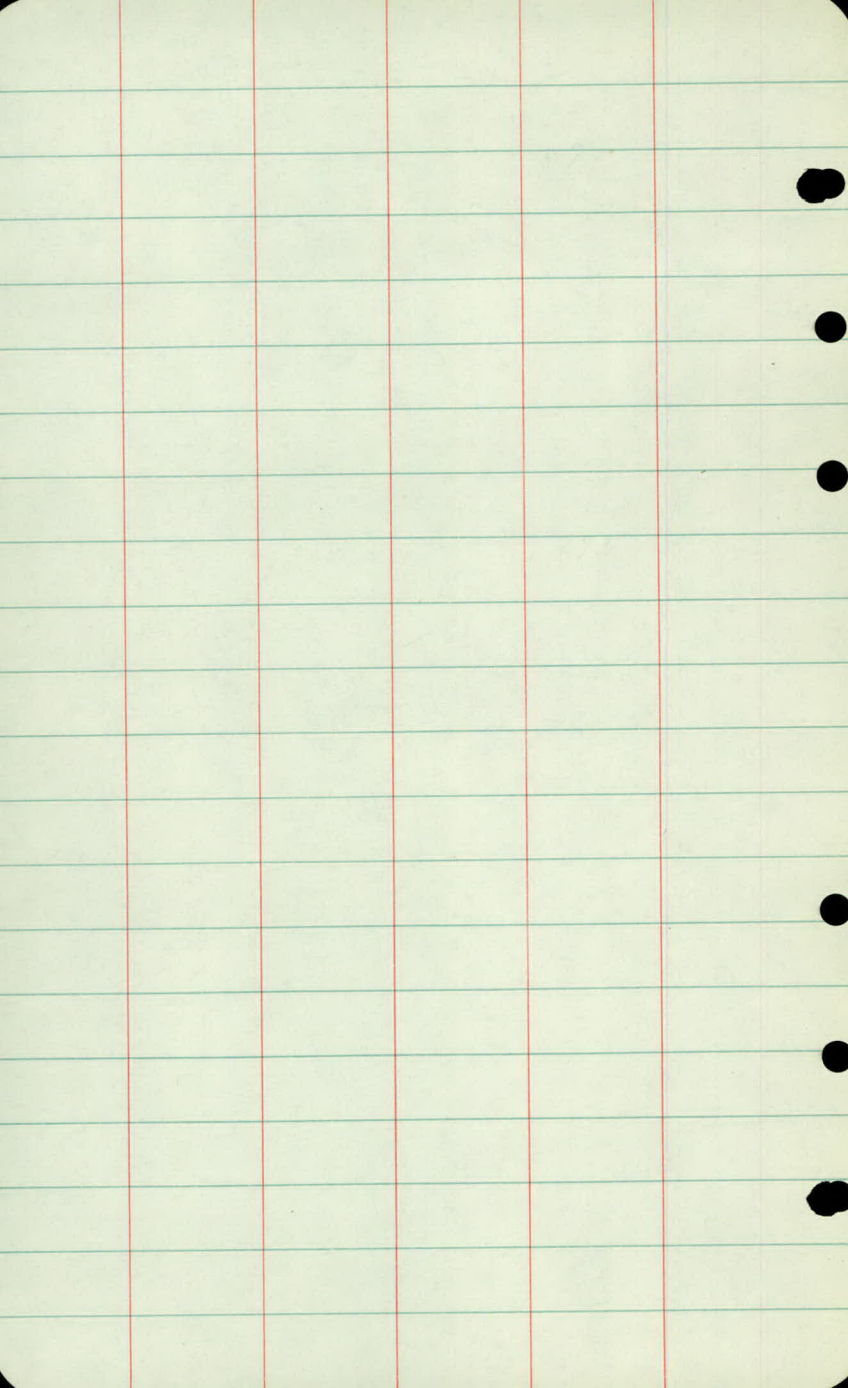
Nail & Sta 14+00

74.7 10.6 12
74.6 10.7 17
74.3 11.0 19
74.7 10.6 24
75.2 10.1 32
77.5 7.8 46
80.7 4.6 50
81.0 4.3

75.5 9.8 12
75.3 10.0 17
75.0 10.3 19
76.4 9.9 26
76.1 9.2 33
77.4 5.9 36
81.2 4.1 50
81.8 3.5

✓ 73.3 73.9 74.5 75.3 75.8

12.0 11.4 10.8 10.0 9.5
75 47 26 14



Larpentour Ave.

1

400' W. of M^cMenemy to M^cMenemy

X-Sections

ON Sec Line

Sta + π - Elev

BM 5.24 863.13 857.89

47+00

+50

48+00

+30

+65

+98 CB

5.63 2.0' ET

5.40 4.0' LT

49+00

RG
JL
WM
LB

Lt

E

Rt

Jan 12, 1960
40°, Clear 2

Top NE cor. lower step Ho #1675 M^cMenemy

55.6	57.0	59.6	60.9	61.9	61.3	61.8	61.7	61.5	62.1	61.9	60.1	59.6	60.5
7.5	6.1	3.5	2.2	1.2	1.8	1.3	1.4	1.6	1.0	1.2	3.0	3.5	2.6
75	63	54	45	41	41	22		21	21	26	29	44	50
				T.C.	B.C.			B.C.	T.C.				

57.3	57.1	58.5	59.6	60.5	59.9	60.4	60.3	59.9	60.4	60.3	58.2	57.3	57.0
5.8	6.0	4.6	3.5	2.6	3.2	2.7	2.8	3.2	2.7	2.8	4.9	5.8	6.1
75	59	53	46	41	41	18		20	20	25	28	43	50
				T.C.	B.C.			B.C.	T.C.				

56.9	56.3	58.0	59.3	58.8	59.2	59.1	58.7	59.2	59.2	57.6	57.1	57.1
6.2	6.8	5.1	3.8	4.3	3.9	4.0	4.4	3.9	3.9	5.5	6.0	6.0
75	55	50	41	41	21		20	20	26	29	41	50
			T.C.					T.C.				

55.3	55.7	57.6	58.9	58.4	58.8	58.6	58.3	58.8	58.6	56.6	52.9	56.6
7.8	7.4	5.5	4.2	4.7	4.3	4.5	4.8	4.3	4.5	6.5	7.2	6.5
75	56	49	41	41	20		20	20	26	29	36	50
			T.C.					T.C.				

53.8	53.9	55.2	57.3	58.6	58.1	58.4	58.3	57.9	58.4	58.2	54.2	54.0
9.3	9.2	7.9	5.8	4.5	5.0	4.7	4.8	5.2	4.7	4.9	8.9	9.1
75	65	58	50	42	42	24		20	20	26	36	50
			T.C.									

53.2	53.1	55.4	57.1	58.4	58.2	58.1	58.2	57.3	53.3	53.3	52.8
9.9	10.02	7.7	6.0	4.7	4.9	5.0	4.9	5.8	9.8	9.83	10.3
75	63	55	49	41	20		21	26	38	41	50
	FL			T.C.					Top		
	18" CM								18" CM		

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

		863.13		
--	--	--------	--	--

+22				
-----	--	--	--	--

+60				
-----	--	--	--	--

50+00				
-------	--	--	--	--

+28				
-----	--	--	--	--

+50				
-----	--	--	--	--

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

		2.41		
--	--	------	--	--

			860.72 ✓	
--	--	--	----------	--

Jan 12, 1961

LT

E

RT

3

53.6	55.2	57.1	58.5	57.9	58.1	58.1	57.8	58.3	57.3	53.2	52.8
9.5	7.9	6.0	4.6	5.2	5.0	5.0	5.3	4.8	5.8	9.9	10.3
75	55	48	41	41	23		20	20	24	31	50
			TL	BC			BC	TC			

53.6	55.2	57.1	58.5	58.0	58.3	58.1	57.8	58.3	57.4	54.4	55.1
9.5	7.9	6.0	4.6	5.1	4.8	5.0	5.3	4.8	5.7	8.7	8.0
75	60	49	41	41	18		20	20	24	30	50
			TL	BC			BC	TC			

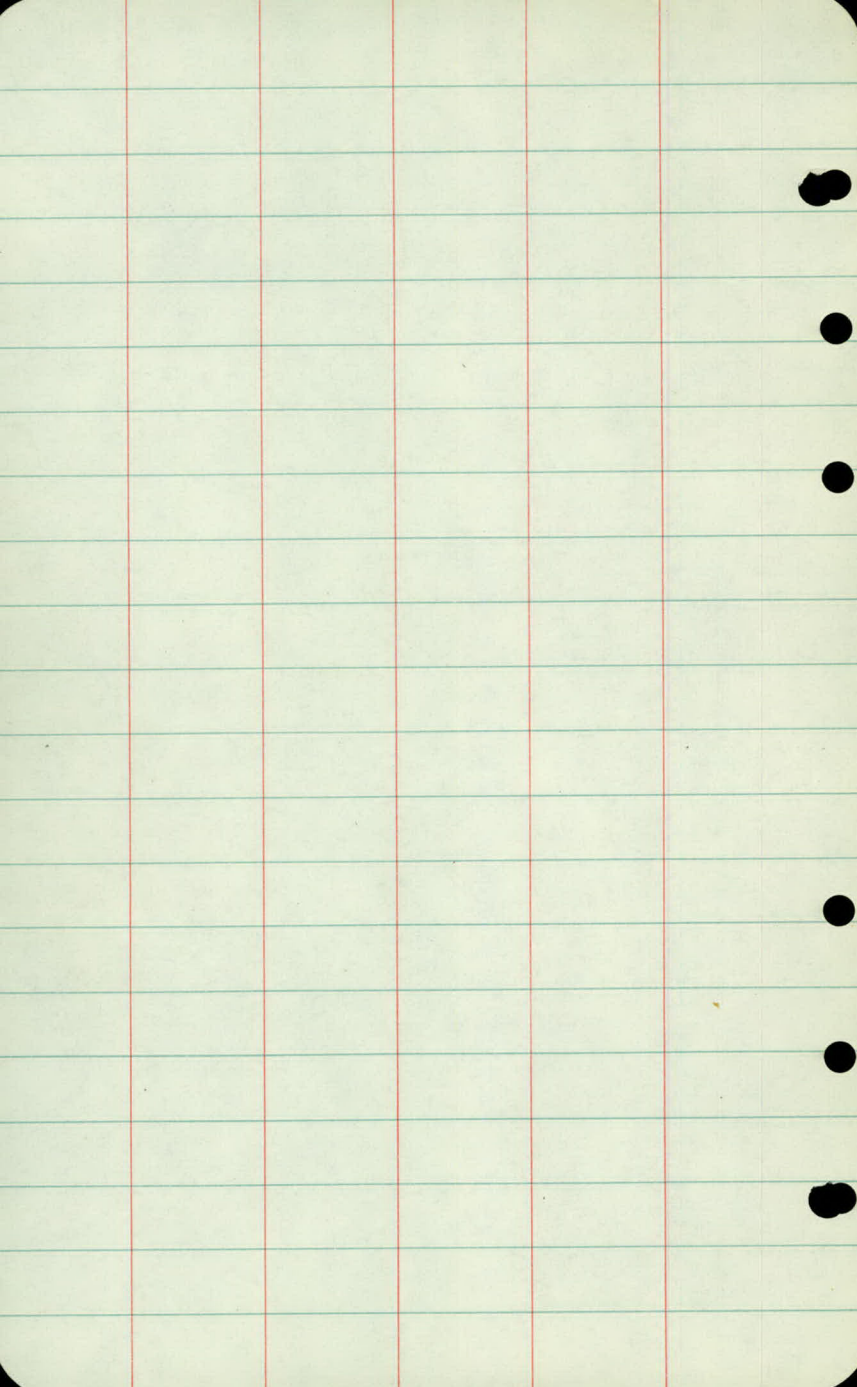
58.8

54.5	55.1	57.5	58.2	58.2	58.2	57.7	58.2	57.9	55.2	56.1	
8.6	8.0	5.6	4.3	4.9	4.7	4.9	5.4	4.9	5.2	7.9	7.0
75	57	49	41	41	20		20	20	24	30	50
			TL, BC				BC	TC			

56.9	57.2	58.3	59.5	58.9	58.8	58.5	57.7	58.2	58.0	56.3	55.9
6.2	5.9	4.8	3.6	4.2	4.3	4.6	5.4	4.9	5.1	6.8	7.2
75	62	49	41	41	19		20	20	24	30	50
			TC	BC			BC	TC			

61.1	60.8	59.9	59.5	58.8	58.4	57.6	58.1	58.0	57.1	56.3	
2.0	2.3	3.7	3.6	4.3	4.7	5.5	5.0	5.1	6.0	6.8	
75	66	47	41	20		21	21	26	29	50	
						BC	TC				

Top Hyd SW car Larp & McMenamy



Larpentour Ave

M^cMenemy to Edgerton

X- Sections

pages 14-18

Sta	+	π	-	Elev
BM	6.48	864.37		<u>857.89</u>

50+69 ✓
QMCNenemy

+88 ✓

51+00 ✓

+27 ✓

+50 ✓

+70 ✓

+76 Lt only ✓

+88 Lt only ✓

✓

R6
JL
WM
JH

Dec 14, 1960
Clear, Fair
RT

15

14

10

Top NE Cor lower steps Ho #1675 McMenamy

62.2	61.2	59.9	59.2	58.3	57.3
2.2	3.2	4.5	5.2	6.1	7.1
75	51	19		22	50

✓

62.2	61.7	60.4	59.6	59.3	58.1	57.0
2.2	2.7	4.0	4.8	5.1	6.3	7.4
75	62	36	18		24	50

✓

62.9	61.9	61.1	60.2	60.0	59.5	59.1	58.8	58.4	58.9	59.1	58.5
2.0	2.5	3.3	4.2	4.4	4.9	5.3	5.6	6.0	5.5	5.3	5.9
75	66	48	33	17	17		9	17	17	29	50

✓

63.7	61.9	60.0	59.9	59.4	59.3	59.1	58.9	58.8	59.3	59.2	59.5	59.8
1.20	2.5	4.4	4.5	5.0	5.1	5.3	5.5	5.6	5.1	5.2	4.9	4.6
60	50	39	17	17	9		9	17	17	27	30	50

✓

63.5	62.8	62.1	60.3	59.9	59.5	59.3	59.2	59.1	59.0	59.5	59.6	60.2	60.0
0.9	1.59	2.3	4.1	4.5	4.9	5.1	5.2	5.3	5.4	4.9	4.8	4.2	4.4
62-64	59-61	52	38	17	17	9		9	17	17	29	31	44

Ho

Ho

62.8	60.5	59.9	59.5	59.4	59.3	59.2	59.1	59.0	59.6	59.5	60.1	60.1
1.92	3.85	4.5	4.9	5.0	5.0	5.2	5.3	4.8	4.9	4.3	4.3	4.3
69	47	33	17	9		11	17	17	29	32	50	

Gar. Conc

Conc.

62.4	62.7	61.1	60.0	59.7	59.5	59.5	59.4
2.0	2.3	3.3	4.4	4.7	4.9	4.9	5.0
68	62	52	42	29	16	9	

Coribor

✓

59.7	59.3	59.6	59.7	60.0	59.6	59.6	59.6
4.7	5.1	4.8	4.7	4.4	4.8	4.8	4.8
39	36	35	27	17	17	9	
60.0	60.1	60.2					
4.4	4.3	4.2					
53	63	75					

✓

Sta

+

P

-

Elev

864.37

52+00 ✓

+50 ✓

+61 Lt only ✓

+70

53+00 Lt. only ✓

TP 9.33

890.45

3.25

861.12

53+00 Rt only ✓

+42 ✓

+52 Rt only ✓

L+

F

RT

59.8	59.7	59.3	59.1	60.0	60.1	59.6	59.7	59.7	59.5	59.3	59.7	59.3	59.8	59.9	59.8
64.7	5.1	5.3	4.4	4.3	4.8	4.7	4.7	4.7	4.9	5.1	4.7	5.1	4.6	4.7	4.63
75	54	39	38	35	16	16	8	7	17	17	29	33	Gar	Gar	50 Floor

59.0	58.5	58.7	58.5	60.1	60.3	59.9	59.9	59.9	59.8	59.6	60.0	59.9	59.6
54	59	5.7	5.9	4.3	4.1	4.5	4.5	4.5	4.6	4.8	4.4	4.5	4.8
75	54	44	39	35	17	17	9	9	17	17	30	50	

59.7	59.6	59.4	58.86	60.2	60.3	59.9	60.0	60.0					59.6
4.7	4.8	5.0	5.51	4.2	4.1	4.5	4.4	4.4					4.8
75	61	44	39	36	17	17	9						50

Top Culv

62.6	61.2	60.4	60.4	59.9	60.0	60.1	59.9	59.8	60.1	59.9	59.5
1.8	3.2	4.0	4.0	4.5	4.4	4.3	4.5	4.6	4.3	4.5	4.9
75	45	34	17	17	9	9	17	17	32	50	

64.4	63.8	62.3	60.8	60.5	60.5	60.1	60.2	60.3
0.0	0.6	2.1	3.6	3.9	3.9	4.3	4.2	4.1
75	58	45	36	26	17	17	8	

Top Stake

60.2	60.0	60.4	60.2	60.0	59.5
10.3	10.5	10.1	10.3	10.5	11.0
9	17	17	30	39	50

65.62	64.2	60.9	60.9	60.4	60.5	60.6	60.5	60.5	60.8	60.8	60.7	59.5	58.8
4.83	6.3	9.6	9.6	10.1	10.0	9.9	10.0	10.0	9.7	9.7	9.8	11.0	11.7
64	47	33	17	17	10	9	17	17	29	42	50	75	

Gar. Floor

omit
64.2
6.3
47

60.7	60.6	60.5	60.9	61.0	60.4	54.3	53.7
9.8	9.9	10.0	9.6	9.5	10.1	16.2	16.8
9	17	17	33	49	59	70	

Sta + π - Elev

870.45

-10.5

+69

+78 37' RT Top 15" SCP

15.80

854.65

54+00

+10 Rt. only

+16 Rt. only

+26 Shldr. LT

+27 Gutter LT

Lt.

2

Rt.

66.1	65.0	63.7	62.2	60.02	60.6	60.8	60.9	60.7	60.6	59.70	60.9	61.0	57.1	53.4
4	5.5	6.8	8.3	10.43	9.9	9.7	9.6	9.8	9.9	10.75	9.6	9.5	13.4	17.1
15	61	55	37	29	17	10	12	17	30	31	42	49	56	
										CB 4.08 to F.L.				

65.3

62.7

61.8

61.0

61.1

61.1

61.0

61.1

61.5

61.5

61.3

58.0

54.0

5.2
757.8
438.7
289.5
179.4
9

9.4

9.5
109.4
179.0
179.0
309.2
4012.5
4716.5
55

52.4

18.1

62.8

7.7
48

61.2

61.1

61.1

61.6

61.7

61.7

57.9

54.5

53.8

9.3

9.4

9.4

8.9

8.8

8.8

12.6

16.0

16.7

61.3

61.2

61.1

61.6

61.7

61.7

57.5

58.2

9.2

9.3

9.4

8.9

8.8

8.8

11.0

12.3

65.5

64.8

63.5

62.3

61.6

61.4

5.0
785.7
697.0
528.2
308.9
16

9.1

65.0

64.3

63.1

61.9

61.6

61.4

5.5
786.2
697.4
528.6
308.9
16

9.1

Sta

+

T

Elev

870.45



+41 1/2 Edgemont MH 26' Lt has 4 Brk Adjustment.

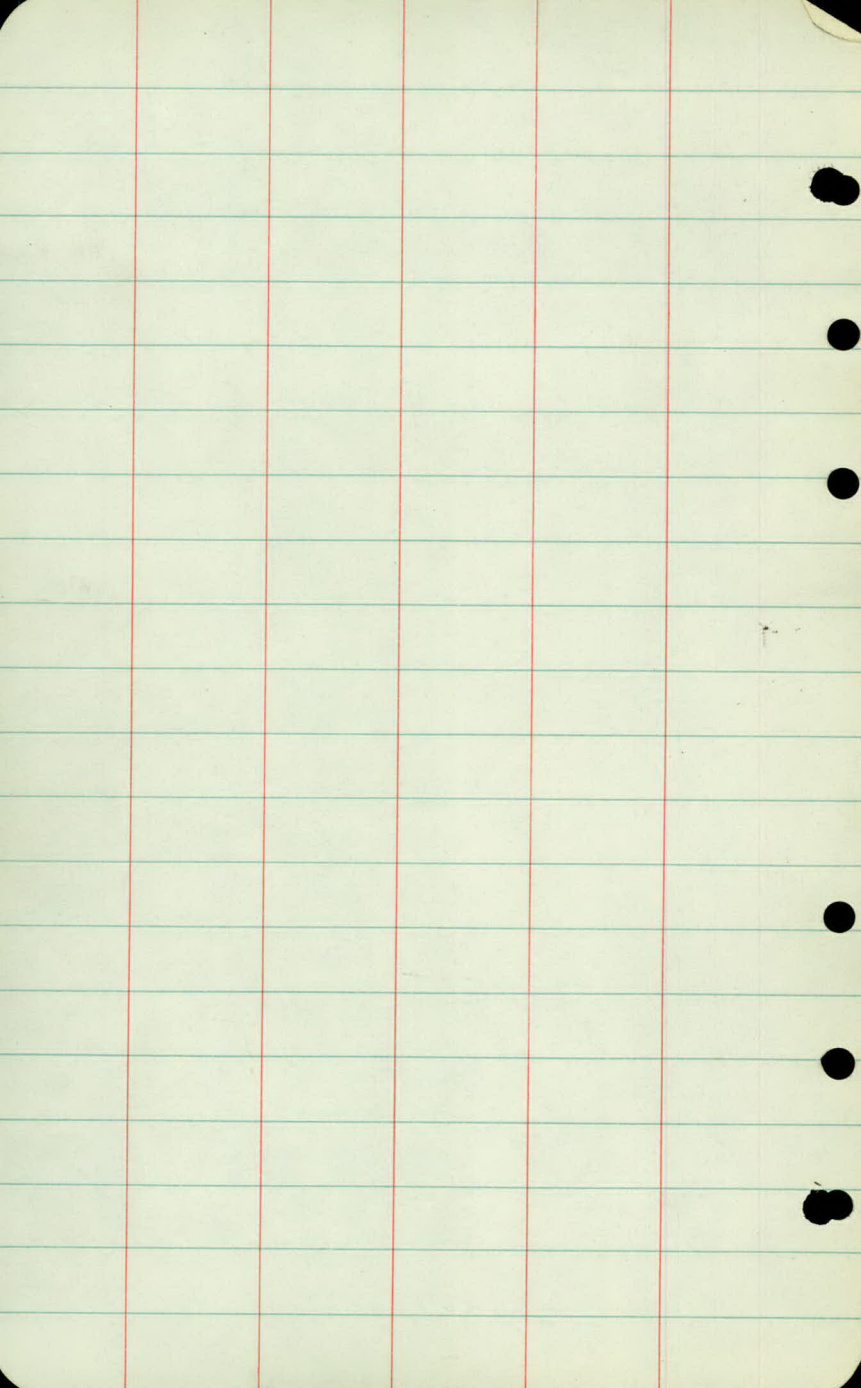
BM

9.26

861.19 (861.17)

18

Top NW cor lower step Ho # 342 E. Larp



K.P.
JS
FS
LB

29 DEC. 1960

19.

LARPEN TEUR AVE
McMENEMY TO EDGERTON

X-SECTIONS

STA	+	π	-	ELEV	used $\downarrow$
BM	8.01	869.18			861.19
					<u>861.17</u>

54+56 GUTTER

✓

+60 Shoulder
Same as +56 on Rt.

✓

55+00

✓

29 DEC. 1960

20.

LT

≠

RT

TOP N.W. COR. LOWER STEP Ho #342 LARP.

64.9	63.8	62.7	62.1	62.0	61.9	61.8	62.2	61.6	61.0	60.5
4.3	5.4	6.5	7.1	7.2	7.3	7.4	7.0	7.6	8.2	8.7
75	60	40	17	12		17	17.6	31	36	45

✓

GUTTER BT CURB

65.0	63.8	63.0	62.8	62.3	61.9
4.2	5.4	6.2	6.4	6.9	7.3
65	45	30	23	22	

✓

BT CURB

68.2	67.7	64.9	63.9	62.3	62.7	62.66	62.4	62.6	63.1	62.5	62.6
1.0	1.5	4.3	5.3	6.9	6.5	6.52	6.8	6.6	6.1	6.7	6.6
50	44	33	25	17.5	17		17	24	39	44	50

✓

BT CURB GUTTER

STA	+	X	-	ELEV
-----	---	---	---	------

		869.18		
--	--	--------	--	--

55+50				
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56+00				
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+50				
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TP	12.99	880.94 880.92	1.25	867.95 867.93
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57+00				
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+50				
-----	--	--	--	--

+58	TOP CB	16.0 RT	11.21	869.73 869.71
-----	--------	---------	-------	------------------

29 DEC, 1960 21.

LT

RT

68.9	67.5	67.8	67.6	67.2	67.7	67.7	63.6	64.1	64.1	63.7	63.6
0.3	1.7	4.4	4.6	5.0	5.5	5.5	5.6	5.1	5.1	5.5	5.6
50	46	38	31	17.5	17		17	17.5	32	44	50
BT curb 6							6UTTER	BT curb			

69.2	66.6	65.7	64.3	64.8	64.9	65.0	65.4	65.7	64.0	63.2
0.0	2.6	3.5	4.9	4.4	4.2	4.2	3.8	3.5	5.2	6.0
50	42	30	17.5	17		17	17.5	39	45	50
BT curb							6UTTER	BT curb		

69.7	68.7	67.6	67.0	66.5	66.5	66.2	66.7	66.6	66.8
40.5	0.5	1.6	2.2	2.7	2.7	3.0	2.5	2.6	2.4
50	46	25	17.5	17		17	17.5	31	52
BT curb 6							6BT curb		

TOP NAIL STA 57400

72.4	69.3	69.0	68.3	67.8	67.9	67.7	68.2	68.3	68.1
8.5	11.6	11.9	12.6	13.1	13.0	13.2	12.7	12.6	12.8
50	40	26	17.5	17		17	17.5	37	50
BT curb							BT curb		

74.5	70.8	70.5	70.0	69.5	69.6	69.6	70.0	70.2	69.6
6.4	10.1	10.4	10.9	11.4	11.3	11.3	10.9	10.7	11.3
50	38	23	17.5	17		17	17.5	33	50
BT curb							BT curb		

Sta	+	π	-	ELEV.
-----	---	-------	---	-------

		880.92		
--	--	--------	--	--

58+00				
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+15	TOPCB 16.0' LT	9.24	871.68	
-----	----------------	------	--------	--

58+31	Shoulder			
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+35	BETTER Same as +31 on Rt			
-----	-----------------------------	--	--	--

+48	$\neq$ AOK WRIGHT			
-----	-------------------	--	--	--

TP		5.45	875.49 875.47	875.52
----	--	------	------------------	--------

29 DEC. 1960

22.

Lt

~~2~~

Rt

71.1	72.5	72.4	71.9	71.3	71.43	71.2	71.8	71.8	71.4
3.8	8.4	8.5	9.0	9.6	9.49	9.7	9.1	9.1	9.5
50	35	27	17.5	17		17	17.5	27	50
			BTurb				BTurb		

75.0	73.9	72.8	72.3	72.5	72.3	72.8	72.9	72.3
5.9	7.0	8.1	8.6	8.4	8.6	8.1	8.0	8.6
75	52	26	23		17	17.5	35	50
			BTurb	6	6	BTurb		

74.1	73.2	72.9	72.5	72.5
6.8	7.7	8.0	8.4	8.4
71	54	37	18	

✓

78.0	76.6	75.2	75.6	73.1	73.1	73.0	73.5	73.6	72.8
2.9	4.3	5.7	7.3	7.8	7.8	7.9	7.4	7.3	8.1
125	100	75	41	17		17	125	36	57
						BTurb			

BTurb

SPIKE IN PP 130.6 ± Rt STA 58+85

STA	+	T	-	ELEV.
BM	9.81	871.00 870.98		861.17
TP			6.68	864.32 864.30
TP	13.42	881.35 881.33	3.07	867.93 867.91
BM			5.88	875.47 875.45
				875.52

58+65 GUTTER

+67 Same as +65 Rt

+77

KP
 VS
 FS
 LB

3 JAN 1961

23.

Lt.

£

Rt.

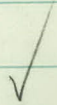
TOP N.W. COR LOWER STEP Ho# 342 LARP.

FL 18" SCP 60.0 RT STA 57+28

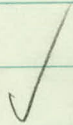
TOP NAIL £ STA 57+00

SPIKE IN P.P. 130 0± RT STA 58+85

74.8	74.9	74.6	74.5	74.8	74.8	74.9	74.5
6.6	7.5	7.8	7.9	7.6	7.6	7.5	7.9
75	51	37	17		17	39	50

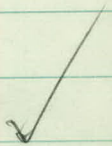


74.0	74.3	74.4	74.2	74.7	74.8
6.4	7.1	7.0	7.2	7.7	7.6
75	46	26	20.5	20	



74.5	74.4	74.6	74.1	74.2	74.1	74.5	74.6
6.9	7.0	6.8	7.3	7.2	7.3	6.9	6.8
51	35	17.5	17		17	39	50

RT curb



Sta	+	π	-	ELEV.
		881.35 881.33		
59+00				
+50				
TP	12.40	891.06 891.04	2.69	878.66 878.64
BM			8.41	882.65 882.63
				882.73
60+00				
+50				
61+00				

3 JAN. 1961

24.

LT

RT

RT

✓

80.6	78.2	75.6	75.5	75.0	73.04	74.8	73.3	75.7	76.0	76.4
0.8	3.2	5.8	5.9	6.4	6.31	6.6	4.1	5.7	5.4	5.0
50	43	33	17.5	17		17	17.5	27	38	50
BTCurb					BTCurb					

81.7	79.1	77.4	77.4	76.8	76.9	76.7	77.2	77.4	78.4	79.5
+0.3	2.3	4.0	4.0	4.6	4.5	4.7	4.2	4.0	3.0	1.9
50	42	33	17.5	17		17	17.5	32	43	50
BT Curb					BT Curb					

TOP NAIL STA 60+00

SPIKE IN P.P. 33.0 RT STA 60+65

83.4	81.2	79.4	79.2	78.6	78.6	78.5	79.0	79.0	79.7	81.0
7.7	9.9	11.7	11.9	12.5	12.46	12.6	12.1	12.1	11.4	10.1
50	43	35	17.5	17		17	17.5	31	41	50
BTCurb					BT Curb					

84.9	83.2	81.5	81.0	80.5	80.6	80.3	80.8	80.9	81.5	82.8
6.2	7.9	9.6	10.1	10.6	10.5	10.8	10.3	10.2	9.6	8.3
50	44	36	17.5	17		17	17.5	33	43	50
BT Curb					BT Curb					

85.0	84.1	82.9	82.7	82.2	82.31	82.2	82.6	82.9	83.5	85.0
6.1	7.0	8.2	8.4	8.9	8.75	8.9	8.5	8.2	7.6	6.1
54	42	36	17.5	17		16.5	17.0	34	43	50
BT Curb					BT Curb					

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

		891.06		
		891.04		

61+50				
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+72				
-----	--	--	--	--

62+00				
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+50				
-----	--	--	--	--

TP	8.89	898.32		889.43
		898.30	1.63	889.41

BM				888.12
			10.20	888.10

				888.18
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63+00				
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3 JAN. 1961

25.

Lt

E

Rt

84.9	84.8	84.4	83.9	84.1	84.2	84.7	84.5	85.1	86.4
6.2	6.3	6.7	7.2	7.0	6.9	6.4	6.6	6.0	4.7
50	36	17.5	17		16.5	17	31	42	50

BT CURB

BT CURB

84.7	85.1	85.3	85.11	85.1	84.6	84.9	84.8	85.3	85.5	85.0
6.4	6.0	5.8	5.95	6.0	6.5	6.2	6.3	5.8	5.6	6.1
50	46	35	26	17.5	17		16.5	17	42	46

TOP
MH BT CURB

BT CURB

83.9	85.2	86.2	86.3	85.8	85.18	85.4	86.2	86.6	85.5
7.2	5.8	4.9	4.8	5.3	5.28	5.4	4.9	4.5	5.6
50	39	31	17.5	17		16.5	17	31	35

BT CURB

BT CURB

85.4	87.5	88.1	87.6	87.7	87.3	87.9	88.3	87.0
5.7	3.6	3.0	3.5	3.4	3.8	3.3	2.8	4.1
41	34	17.5	17		17	17.5	34	38

BT CURB

BT CURB

TOP NAIL E STA 63+00

SPIKE IN PP. 33.0 RT STA 62+15

89.0	89.9	89.9	89.3	89.43	88.9	89.4	90.0	88.4
9.3	8.4	8.4	9.0	8.89	9.4	8.9	8.3	9.9
35	31	17.5	17		16.5	17	36	40

BT CURB

BT CURB

Sta	+	π	-	ELEV
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		898.32 898.30		
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63+50				
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64+00				
-------	--	--	--	--

+50				
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65+00				
-------	--	--	--	--

66+00	on bridge			
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+80				
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BM				
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		4.05		
--	--	------	--	--

			894.27 894.25	
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				894.34
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3 JAN 1961

26.

LT

X

RT

90.2	91.3	91.3	90.8	90.8	90.5	91.0	91.0	89.9
8.1	7.0	7.0	7.5	7.5	7.8	7.3	7.3	8.4
33	31	17.5	17		16.5	17	35	38

BTCurb

BTCurb

90.9	92.6	92.4	91.9	92.03	91.7	92.2	91.6	90.0
7.4	5.7	5.9	6.4	6.29	6.6	6.1	6.7	8.3
33	30	17.5	17		16.5	17	34	38

BTCurb

BTCurb

91.9	93.6	94.1	93.0	92.5	93.3	92.9	93.5	93.0	91.6
6.6	4.7	4.2	5.3	5.8	5.0	5.4	4.8	5.3	6.7
50	45	30	24.5	24		16.5	17	33	36

B+Curb

BTCurb

93.0	93.4	93.7	93.88	93.9	94.41	94.43
5.3	4.9	4.6	4.44	4.6	3.91	3.89
75	44	15		15	15.5	18.6

TOPSW

TOPSW

94.6	94.6	93.7	93.94	93.8	94.44	94.48
3.86	3.86	4.6	4.38	4.5	3.88	3.84
17	15.5	15		15	15.5	19

SW

SW

SW

SW

87.2	92.5	93.1	94.1	93.8	93.9	93.7	94.2	93.9	93.6	92.4
11.1	5.8	5.2	4.2	4.5	4.4	4.6	4.1	4.4	4.7	5.9
29	26	21	16	15		17	17.5	27	32	34

BTCurb

DISC. IN S.E. COR WINGWALL BR #7231

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

BM	2.19	896.53		
----	------	--------	--	--

894.34

67+00

+50

68+00

+50

69+00

+50 $\neq$ drive Lt

KIP
US
FS
LB

4 JAN. 1961

27

LT Z RT

DISC. IN. S.E. WINGWALL BRIDGE# 7231 ✓

92.6	94.0	94.2	93.7	93.92	93.8	94.3	94.1	93.9	93.0
3.9	2.5	2.3	2.8	2.61	2.7	2.2	2.4	2.6	3.3
28	25	16.5	16		17.5	18	29	32	34
92.2	93.5	BT CURB	93.3	93.4	93.2	BT CURB	93.8	93.2	92.0
4.3	3.0	2.8	3.2	3.1	3.3	2.8	2.7	3.3	4.5
31	29	16.5	16		17	17.5	25	30	33
		BT CURB				BT CURB			

91.3	92.4	92.9	92.7	92.1	92.47	92.1	92.7	92.7	92.0	91.2
5.2	4.1	3.7	3.8	4.4	4.06	4.4	3.8	3.8	4.5	5.3
33	31	27	17.5	17		16	16.5	25	30	33
			BT CURB				BT CURB			

89.6	90.7	91.1	91.4	90.9	91.2	91.1	91.5	91.6	90.2
6.9	5.8	5.4	5.1	5.6	5.3	5.4	5.0	4.9	6.3
33	29	25	17	16.5		17	17.5	23	25
			BT CURB				BT CURB		

88.2	89.5	90.1	90.3	89.8	90.15	90.2	90.6	90.6	89.9	91.0
8.3	7.0	6.4	6.2	6.7	6.38	6.3	5.9	5.9	6.6	5.5
42	38	33	17.5	17		16.5	17	20	26	35
			BT CURB				BT CURB			

88.6	88.6	88.8	89.3	89.1	89.7	89.9	90.8	91.5
7.9	7.9	7.7	7.2	7.4	6.8	6.8	5.7	5.0
45	36	17		16.5	17	24	30	36
					BT CURB			

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

		896.53		
--	--	--------	--	--

70+00				
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+24	MH 6.0 L E		8.23	888.30
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TP	5.30	896.25	5.58	890.95
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890.91

70+50				
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+64	CBLT.			
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+68	CBRT			
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71+00				
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+50				
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4 JAN 1961

28

89.6 ✓	88.6 ✓	88.6 ✓	88.2 ✓	88.74 ✓	88.3 ✓	88.3 ✓	89.4 ✓	90.4 ✓
6.9	7.9	7.9	8.3	7.79	8.2	8.2	7.1	6.1
39	31	12.5	17		17	25	41	50
FC		BTCLUB						

TOP HYDRANT 40" 516 E. LARR

90.4 ✓	88.9 ✓	87.8 ✓	88.4 ✓	87.9 ✓	88.3 ✓	88.1 ✓	87.6 ✓	89.1 ✓	91.4 ✓
5.9	7.4	8.5	7.9	8.4	8.0	8.2	8.7	7.2	4.9
46	40	27	18	17.5		13	21	30	41
		BTCLUB							

88.5 ✓	87.43 ✓	86.64 ✓	87.2 ✓	87.8 ✓	88.2 ✓	88.1 ✓	87.3 ✓	89.6 ✓	91.2 ✓
7.8	8.82	9.61	9.1	8.5	8.1	8.2	9.0	6.7	5.1
40		30	24	17		14	23	33	41
TOPCB		ALCB							

89.5 ✓	88.2 ✓	87.4 ✓	87.3 ✓	87.8 ✓	88.2 ✓	88.1 ✓	87.6 ✓	86.64 ✓	89.5 ✓	91.2 ✓
6.8	8.1	8.9	9.0	8.5	8.1	8.2	8.7	9.61	6.8	5.1
44	37	27	24	17		14	20	50	33	40
		BTCLUB						ALCB		

90.1 ✓	88.4 ✓	88.2 ✓	88.2 ✓	87.8 ✓	88.1 ✓	88.0 ✓	88.1 ✓	89.3 ✓	90.8 ✓
6.2	7.9	8.1	8.1	8.5	8.2	8.3	8.2	7.0	5.5
45	37	30	12.5	17		14	18	29	37
		BTCLUB							

90.6 ✓	88.6 ✓	88.6 ✓	88.5 ✓	88.0 ✓	88.2 ✓	88.1 ✓	88.1 ✓	89.0 ✓	91.2 ✓
5.7	7.7	7.7	7.8	8.3	8.1	8.2	8.2	7.3	5.1
47	39	28	17.5	17		14	18	28	39
		BTCLUB							

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

896.25

72+00

+50

+85	TOP LOWER STEPS LT 29.0	7.03	889.22
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73+00

+34 Shoulder Lt

JUAN 1961

29

4

4

PT

89.1

88.8

89.1

88.9

88.4

88.6

88.6

88.6

90.0

91.3

7.2 7.5 7.2 7.4 7.9 7.59 7.7 7.7 6.3 5.0

35 31 25 17.5 17 14 18 30 39

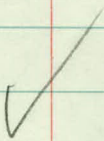
AEDE

BT CURB

89.2

7.1

49



89.3

89.2

88.6

88.0

88.8

88.5

88.8

88.9

88.8

89.9

91.2

7.0 7.1 7.7 7.5 7.5 7.8 7.5 7.4 7.5 6.4 5.1

43 35 30 25 17.5 17 14 17 28 41

AEDE

BT CURB



89.8

89.4

89.0

89.1

88.6

88.9

89.0

88.9

89.6

91.0

6.5 6.9 7.3 7.2 7.7 7.32 7.3 7.4 6.7 5.3

44 34 29 17.5 17 14 18 26 37

BT CURB



89.9

89.6

89.1

89.4

88.9

89.2

89.2

89.1

89.6

90.8

91.4

6.4 6.7 7.2 6.9 7.4 7.1 7.1 7.2 6.7 5.5 4.9

46 31 28 17.5 17 14 18 25 32 39

BT CURB



STA + π - ELEV.

896.25

73+39 Same as +34 on Rt. GUTTER LINE

+53 $\neq$ JESSIE ST.

+68 GUTTER

+73 SHOULDER SAME AS +68 on Rt.

74+00

+50

TP 8.62 899.53 5.34 890.91

30

Pl

✓	✓	✓	✓	✓
89.4	89.1	89.1	89.1	89.2
6.9	7.2	7.2	7.2	7.1
52	29	21	17	

90.7 ✓	89.8 ✓	89.5 ✓	89.4 ✓	89.4 ✓	89.4 ✓	89.4 ✓	89.4 ✓	90.4 ✓	91.4 ✓
5.6	6.5	6.8	6.9	6.9	6.9	6.9	6.9	5.9	4.9
120	75	47	17		14	19	21	28	36

71	71	70	70	6.7	6.7	6.7	5.8	5.0
71	46	28	17		14	21	29	41

89.4 ✓	89.5 ✓	89.7 ✓	89.3 ✓	89.6 ✓
6.9	6.8	6.6	7.0	6.7
46	31	17.5	17	

89.4 ✓	89.9 ✓	90.0 ✓	89.8 ✓	89.5 ✓	89.7 ✓	89.8 ✓	89.7 ✓	90.5 ✓	91.4 ✓
69	64	63	65	68	68	65	66	58	49
46	34	24	17.5	17		14	24	29	38

✓

91.5 ✓	90.2 ✓	91.8 ✓	90.0 ✓	90.3 ✓	89.9 ✓	90.2 ✓	90.1 ✓	90.6 ✓	90.6 ✓	91.4 ✓	92.1 ✓
6.8	6.1	6.5	6.3	6.0	6.4	6.1	6.2	5.7	5.7	4.9	4.2
47	44	30	25	17.5	17		17	17.5	26	35	44
BTCURB						BTCURB					

✓

TOP NAIL @ STA 75+00

STA	+	π	$\rightarrow$	ELEV
-----	---	-------	---------------	------

		899.53		
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75+00				
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+50				
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76+00				
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+50				
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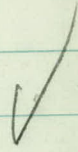
+54 TOP MH PILE				
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	7.00	92.53		
--	------	-------	--	--

+59	Shoulder			
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89.3 ✓	90.5 ✓	91.2 ✓	90.8 ✓	90.9 ✓	90.5 ✓	90.9 ✓	90.5 ✓	90.9 ✓	91.3 ✓	92.4 ✓	93.1 ✓
0.2	9.0	8.3	8.7	8.4	9.0	8.62	9.0	8.6	8.2	7.1	6.4
43	40	35	25	17.5	17	17	17	17.5	24	36	44
			BTCURB					BTCURB			
91.6 ✓	92.0 ✓	91.7 ✓	91.5 ✓	91.1 ✓	91.5 ✓	91.2 ✓	91.6 ✓	92.1 ✓	92.5 ✓	93.2 ✓	93.2 ✓
7.9	7.5	7.8	8.0	8.4	8.0	8.3	7.9	7.4	7.0	6.3	6.3
45	33	25	17.5	17	17	17	17.5	25	35	49	49
		BTCURB					BTCURB				
92.6 ✓	92.0 ✓	91.9 ✓	91.6 ✓	92.10 ✓	92.0 ✓	92.4 ✓	92.6 ✓	93.5 ✓	95.3 ✓	95.3 ✓	95.3 ✓
6.9	7.5	7.6	7.9	7.43	7.5	7.1	6.9	6.0	4.2	4.2	4.2
39	27	17.5	17	17	17	17.5	25	34	41	41	41
		BTCURB					BTCURB				
91.4 ✓	91.7 ✓	92.4 ✓	93.1 ✓	92.5 ✓	92.8 ✓	92.9 ✓	93.3 ✓	93.7 ✓	94.36 ✓	94.92 ✓	94.92 ✓
8.1	7.8	7.1	6.4	7.0	6.7	6.6	6.2	5.8	5.17	4.61	4.61
54	45	29	17.5	17	17	17	17.5	28	40	58	58
		BTCURB					BTCURB				
									SW	SW	SW

90.5 ✓	91.2 ✓	91.7 ✓	92.3 ✓	93.0 ✓	93.0 ✓	93.5 ✓	94.1 ✓	94.4 ✓
9.0	8.3	7.8	7.2	6.5	6.5	6.0	5.4	5.1
75	50	34	16	18	18.5	37	52	
				BTCURB				



STA	+	π	-	ELEV
76+62		899.53		
GUTTER SAME AS +59 ON LT				

76+79

BM		2.80	896.73	896.66 896.59
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BM	2.80	899.39		896.59
----	------	--------	--	--------

TP	5.44	896.08	8.75	890.64
	6.25	897.09	5.24	890.84 890.91

			8.90	888.19
BM		2.86	894.23	894.34

Lt

4 JAN 1961 32.
 93.01 ✓
 6.5 6.4 5.9 5.6 ✓
 22 40 58

90.8 ✓
 8.7 7.5 6.8 6.35 6.0 5.4 4.4 ✓
 75 40 16 17 34 75
 TOP MOUNT.

TOP HYD. S.W. COR. EDGERTON & LARP

TOP HYD S.W. COR EDGERTON & LARP.

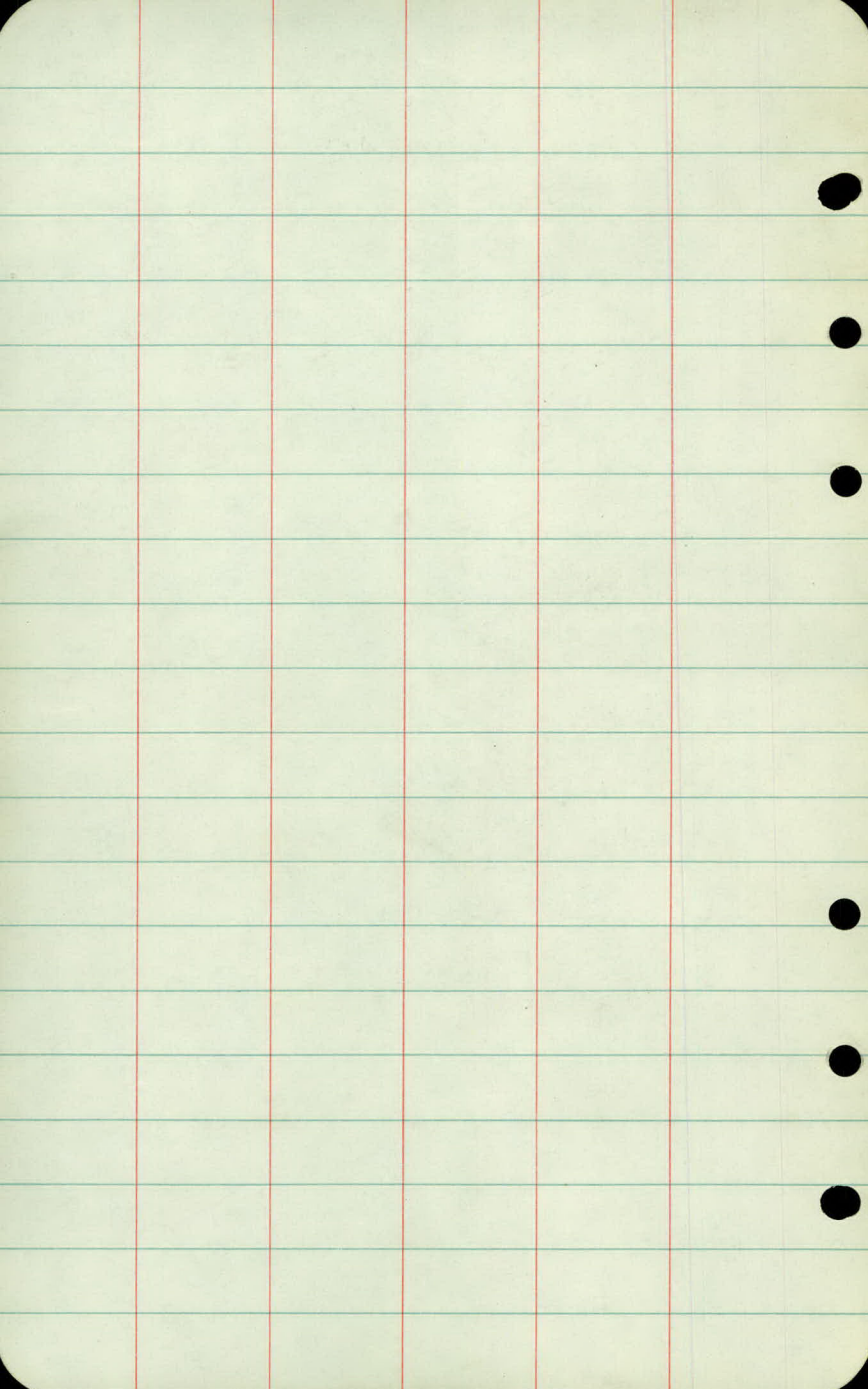
TOP STAKE No # 558

TOP HYD No # 516

TOP M.H. Sta. 70+24

DISC. S.E. COR. W.W. BR. # 7231

99.53
 635
 93.18



Larpenteur Ave
Additional X-Sections

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

BM	2.28	896.62		894.34
----	------	--------	--	--------

68+50

69+00

69+50

BM		5.68	890.94	890.91
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R6
IS
WM

Lt

L

Jan 18, 1961
Fair 20°
RT

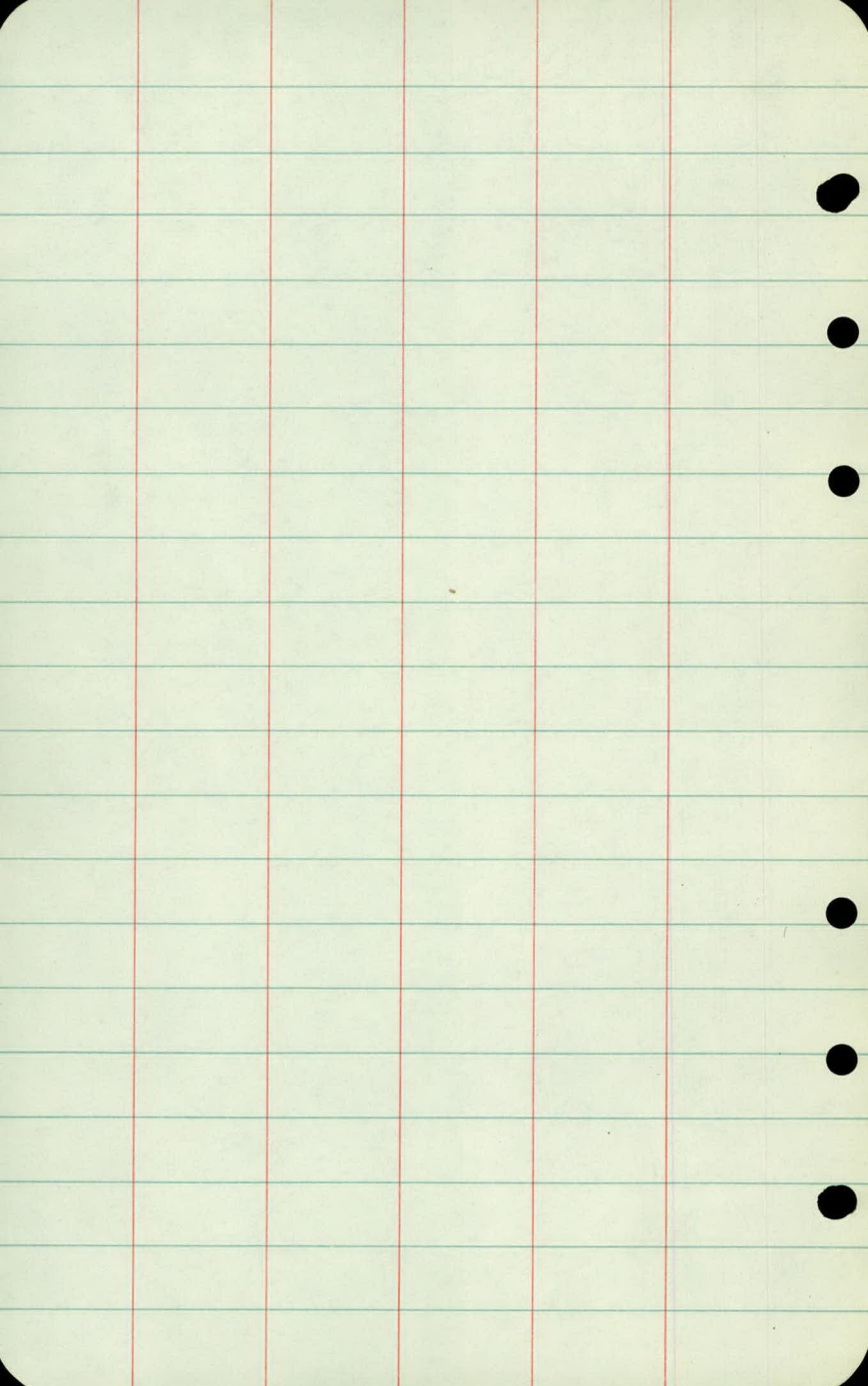
Brass plug SE Pier Bridge

91.2	91.0	91.5	91.6	86.2	87.3	89.6
5.4	5.6	5.1	5.0	10.4	9.3	7.0
16.5	17	22	31	39	50	
B.C.	T.C.					

90.1	90.1	90.6	90.5	89.9	92.5	93.9
6.5	6.5	6.0	6.1	6.7	4.1	2.7
16.5	17	20	25	43	50	
B.C.	T.C.					

89.3	89.2	89.7	89.7	91.4	91.9
7.3	7.4	6.9	6.9	5.2	4.7
16.5	17	24	34	50	
B.C.	T.C.				

Top Hyd by Ho^u 576 E. Larp



R6
JJ
FS
WM

Jan 26, 1961
Clear, Cold

Larpenteur Ave

Extended X-Sections

Sta 68+00 $\frac{1}{2}$ Sta 69+00 to 110' N. of E

also Sta 63 $\frac{1}{2}$ 64 out to approx 200' N.

Sta	+	π	-	Elev
BM,	2.59	893.50		890.91

68+00

69+00

BM,			2.59	890.91
-----	--	--	------	--------

Jan 26, 1961

2

LT
Rt

2

Top Hyd Ho⁴ 516 E. Larp.

92.5	92.3	92.7	92.9	87.1	79.5	78.1	77.9	80.8	79.8	79.8
1.0	1.2	0.8	0.6	6.4	14.0	15.4	15.6	12.7	13.7	13.7
	17	17.5	30	39	50	55	66	72	100	110
		T.C.								

90.1			89.8	90.2	90.3	88.5	82.6	80.33	80.1	79.4	79.4
3.4			3.7	3.3	3.2	5.0	10.9	13.17	13.4	14.1	14.1
			17	17.5	27	41	53	55	64	100	110
			T.C.					FL			
								CHIV (69+100)			

✓

Sta	+	$\bar{\Delta}$	-	Elev
BM ₁	1.83	896.17		894.34

63+00
~~64+00~~

64+00

✓

BM ₁		1.83	894.34
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Jan 27, 1961

F

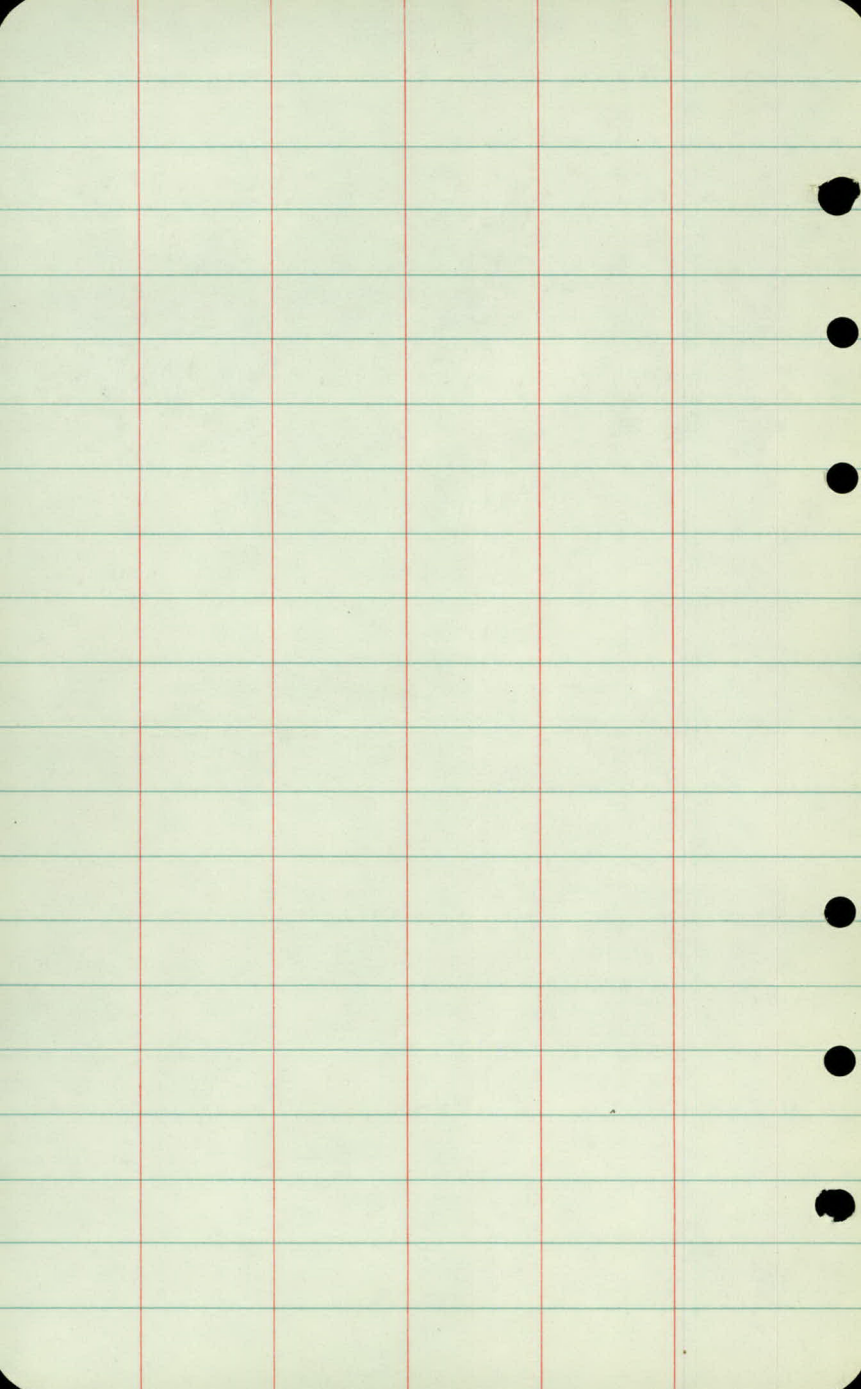
47
RT

Brass plug SE Bridge Pier

8.6	9.9	9.9	9.9	1.5	3.3	8.8	9.8	1.1	1.1
8.6	8.3	8.7	13.3	18.7	12.9	11.4	6.4	3.1	1.1
33	37	56	93	100	127	154	175	200	

2.2	1.1	6.6	1.5	2.2	2.2	0.0	2.2	1.6	2.2
9.7	9.7	8.8	8.5	8.7	6.6	5.5	5.5	1.6	8.7
4.0	3.5	7.6	10.7	14.0	28.0	38.0	38.2	38.0	34.6
30	37	42	46	69	87	100	112	131	158

1.5	2.2	2.2	1.5
9.5	9.7	8.8	7.3
0.7	6.0	14.0	22.7
240	225	200	175



Larpentear Ave

18

Profile

Sta 34400 to McManamy St.

Pgs 78-81

Sta	+	π	-	Elev
BM	0.97	860.62		859.65
34+00			3.3	857.3
+50			4.2	856.4
35			4.9	855.7
+50			5.2	855.4
36			5.3	855.3
+50			5.1	855.5
37			4.6	856.0
+50			3.5	857.1
38			2.3	858.3
+50			0.9	859.7
TP	12.70	872.24	1.08	859.54
39+50			10.8	861.4
+50			8.9	863.3
40+50			7.2	865.0
+50			5.8	866.4
41			4.6	867.6
+50			3.4	868.8
42			2.8	869.4

Nov 29, 1960
Cold, Windy

79

Top NE Cor lower steps Ho #184 E. Larp

Top SW cor Ent. Ho #223 E. Larp.

Sta	+	$\bar{A}$	-	Elev	
		872.24			
42+04.8			2.80	869.44	
+50			2.47	869.77	
43			2.32	869.92	
+50			2.43	869.81	
+90.1			2.74	869.50	
TBM	1.03	870.95	2.32	869.92	869.99
44+00			1.5	869.5	
+50			2.0	869.0	
45			3.0	868.0	
+50			4.2	866.8	
46			5.7	865.3	
+50			7.3	863.7	
47			9.2	861.8	
TP	0.98	863.41	8.52	862.43	
+50			3.1	860.3	
48			4.2	859.2	
+50			4.9	858.5	
49			5.2	858.2	

Nov 29, 1960

80

W. edge Bridge

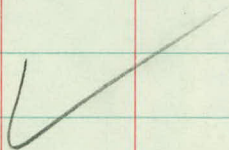
E. edge Bridge

Plug on SE cor Bridge.

Nail in PP35 RT Sta 47 +15

Sta	+	π	-	Elev
		863.41		
+50			5.2	858.2
50			5.0	858.4
+50			4.8	858.6
51+71			4.4	859.0
BM			2.78	860.63
BM			2.87	860.54
				860.61

checked & Reduce
L.D.G.



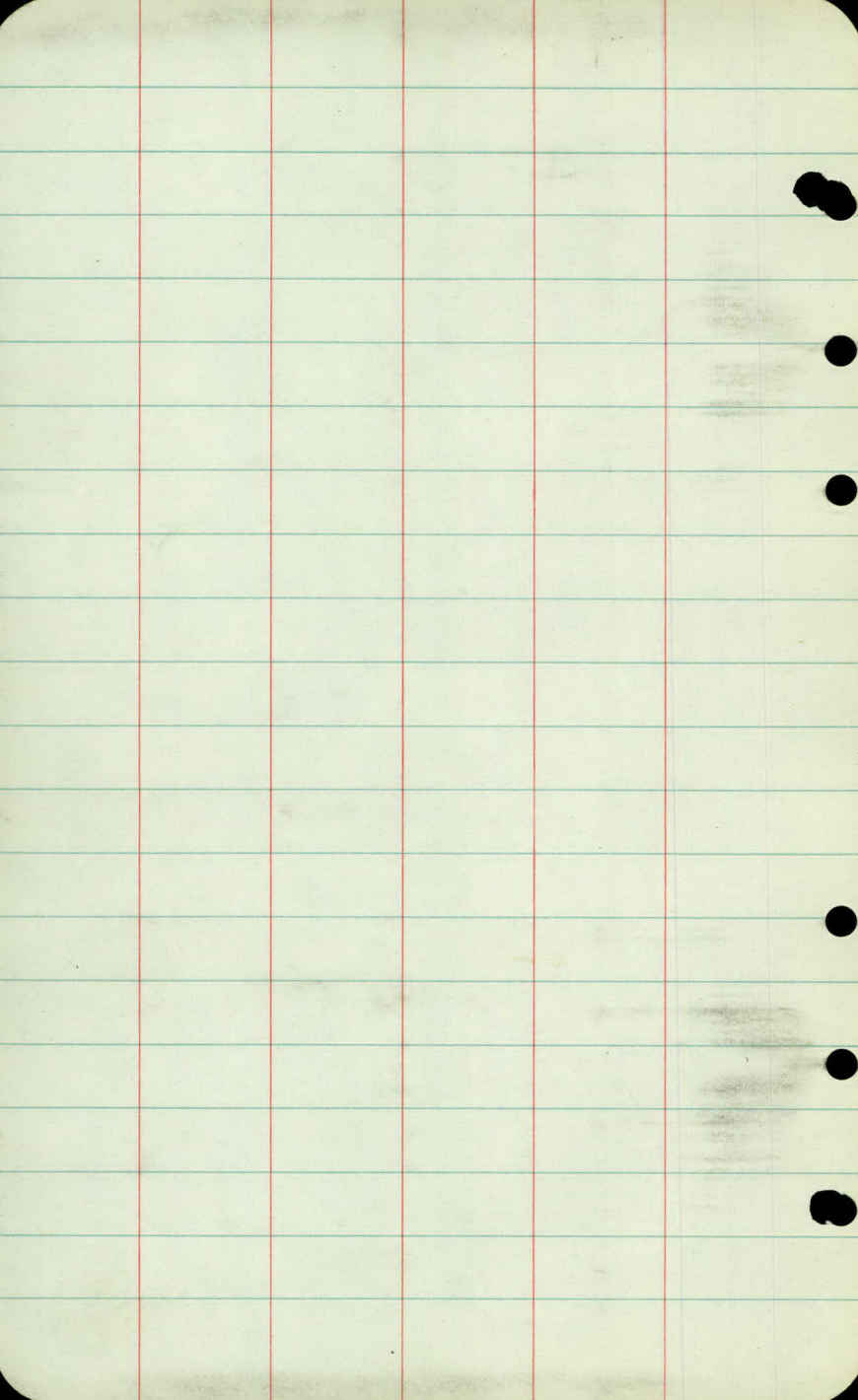
Nov 29, 1960

81

£ M^cMenemy

Top Hyd SW cor Larp + M^cMenemy

Spike in PP approx 200' W of M^cMenemy



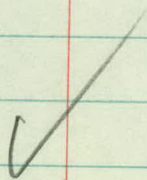
R6
JL
WM
JH

Dec 8, 1960

Larp East of Rice St.

R.R. Rail Elevations

Sta	+	π	-	Elev	
BM,	1.38	854.67		853.29	✓ (853.29)
W. Rail			8.83	45.84	
"			9.01	45.66	
"			8.94	45.73	
"			8.84	45.83	
"			8.84	45.83	
"			8.84	45.83	
E. Rail			9.11	45.56	
"			9.08	45.59	
"			9.10	45.57	
"			9.22	45.45	
"			9.29	45.38	
"			9.07	45.60	
Sta 6+00 L			7.00	47.67	
BM,			1.38	853.29	



Top NW Cor lower step Ho #94 W. Larp.

6+54.5

6+48 31' LT

6+51 20' LT

6+53 7' LT

6+55 5' RT

6+57 17' RT

6+64 17' RT

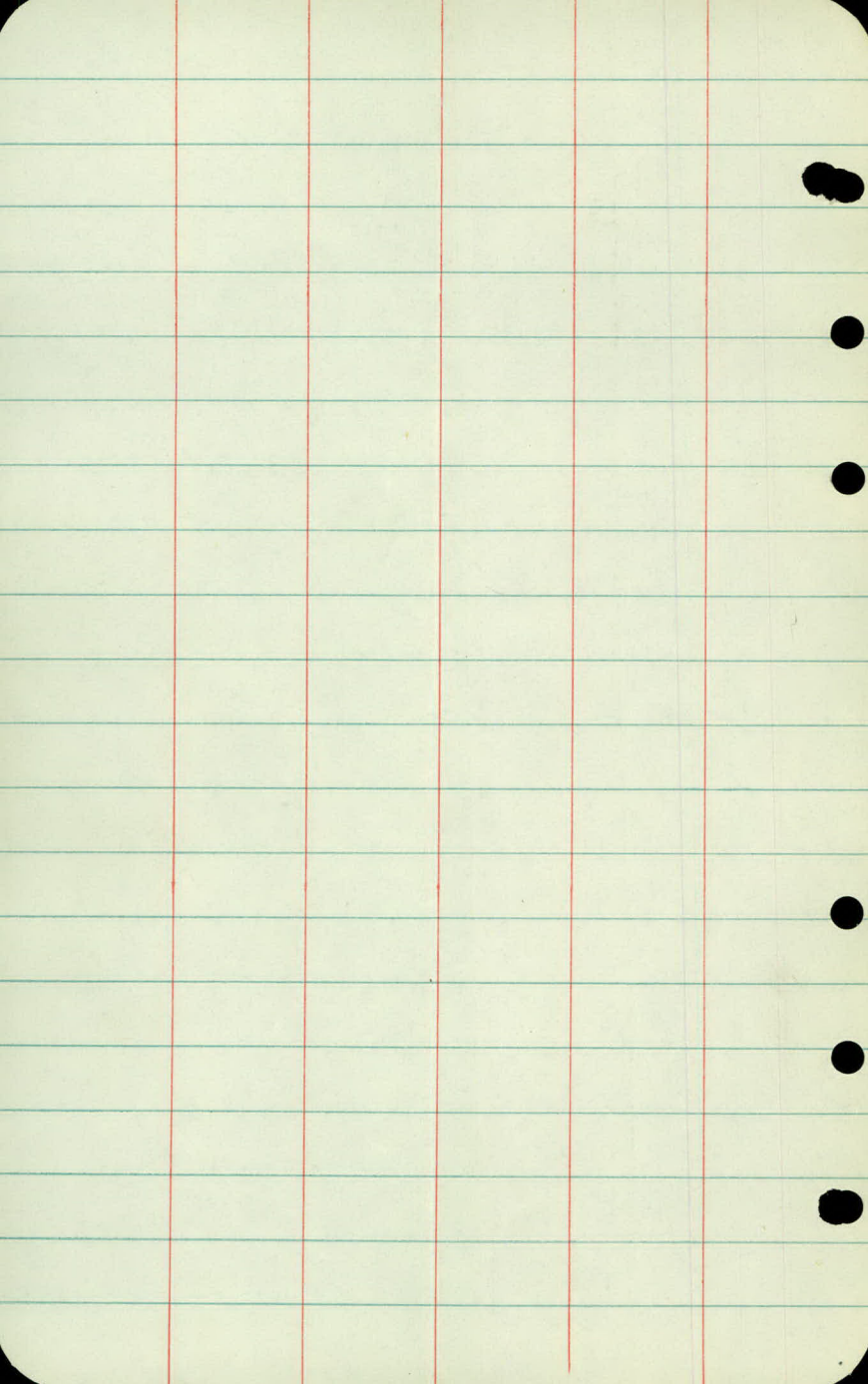
6+61 5' RT

6+58 7' LT

6+55 20' LT

6+52 31' LT

6+59.5



Water pipe elevations

Sta	+	π	-	Elev
BM	2.23	855.52		853.29
Sta 8+00			(9.1) 13.47	51.1 42.05
BM	10.73	885.91 886.0		91 875.18
Sta 15+00			(5.4) 13.07	78.5 72.9
Sta 15+00				5.4
Sta 17+00			7.2 6.4	78.8
Sta 18+00			5.2	below Rd Surface.
			78.8	

RG
Jr
WM

Dec 13, 1960

Description

Top NW cor lower step Ho # 94 W Larp

Top 42" cast iron water pipe 13.0' Lt £

East door sill Ho # 33 W. Larp

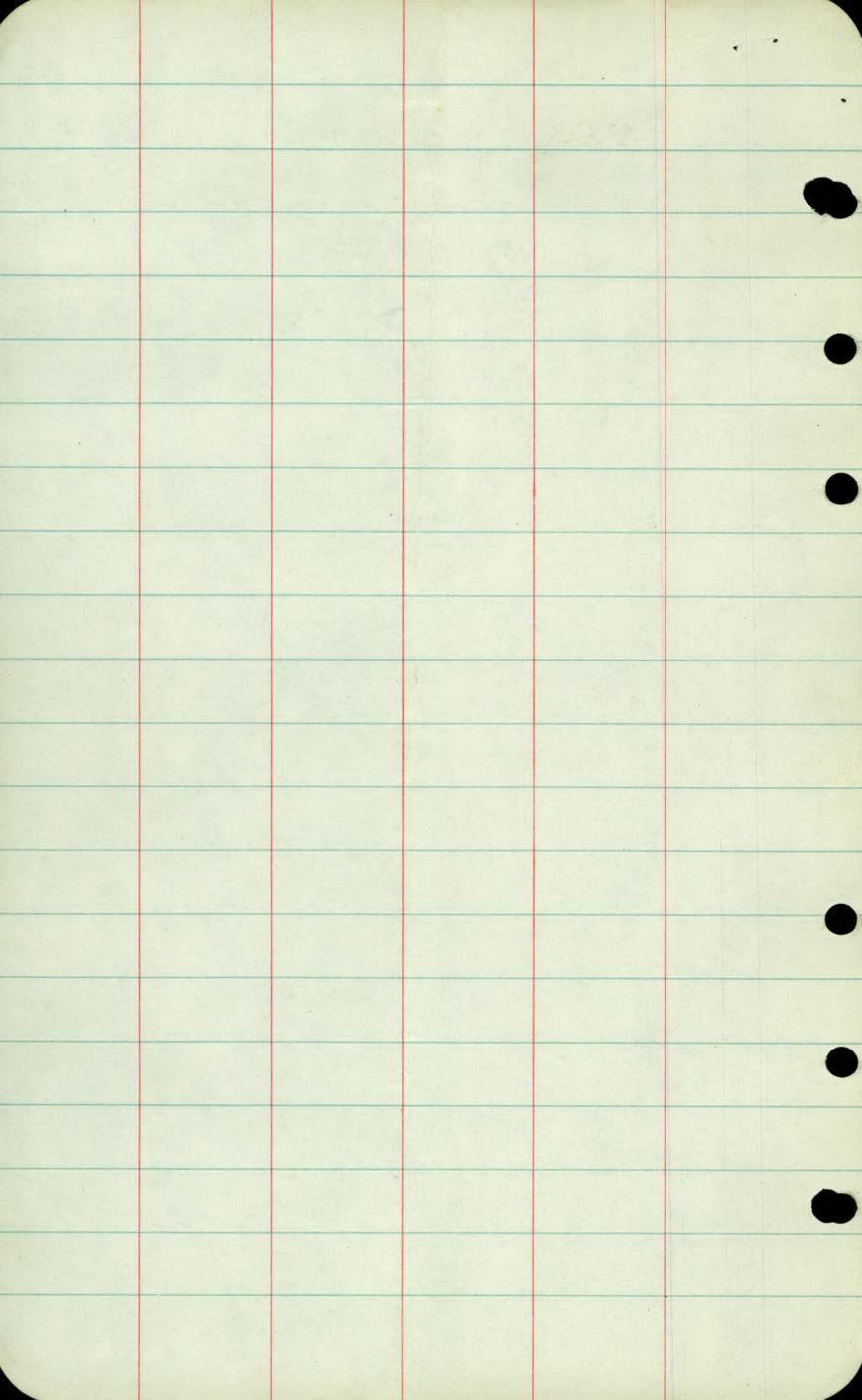
Top 24" cast iron water pipe 7.8' Lt £

£.

7.3' Lt £

6.8' Lt, £

885.91
1307
72.84



R6
JS
FS
WM

Jan 25, 1961
10 - P.C.

1

Larp Ave

Elev. of Manholes

Sta	+	π	-	Elev
BM	0.30	70.10		869.80
0+28			5.54	64.60 ✓
0+32			5.71	64.4 ✓
1+60			7.93	62.2 ✓
Sta 2+00			8.8	61.3 61.3

Jackson St

TBM	5.50	79.5		
1+79			4.23	75.3 ✓
CB 1+			4.89	74.6 ✓
CB RT			5.08	74.4 ✓
Sta 2+00			4.3	75.2 75.3
Sta 1+00			0.0	79.5 79.5

Larp Ave

BM	7.03	64.92		857.89
50+69			4.96	59.96 60.0 ✓
51+00			5.8	59.1 59.1
BM	8.21	878.60 878.90		870.39 870.69
58+49			5.79	72.81 73.1 ✓
59+00			3.56	75.04 75.44 75.04

Hyd
Top ~~TH~~ SW cor. Larp $\frac{1}{2}$ Rice St.

Top MH 25' Lt

31' Lt West rim

24' Lt

£

Top MH (WRim) Sta 2+65 + 18' Lt

Top MH E. Rim £ Sta 1+68

Top CB Lt Sta 2+74

Top CB Rt Sta 2+74

£

£

Top NE cor lower step Ho# 1675 M^E / Menemy

Top S. rim MH 25' Lt.

£

Spike in PP RT Sta 57+40

Top MH 24' Lt

£

Sta	+	π	-	Elev	
BM	5.06	899.40			894.34
64+89			5.68	93.72	✓
65+00			5.44	93.96	93.88
BM	3.64	894.55			890.91
68+74			4.07	90.48	✓
69+12			5.59	88.96	✓
70+24			6.31	88.24	✓
70+68			7.13	87.42	✓
73+51			5.24	89.31	✓
TP			1.28	893.27	
BM	1.34	897.93			896.59
76+11			6.02	91.91	✓
76+00			5.94	91.99	92.10

3
Brass Plug SE wingwall

Top W. rim MH 28' Lt

E

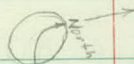
Top Hyd Ho# 516 E Larp

4' Lt Top so. rim MH

Top W rim

MH 33' Lt

7.6 to FL (7.1 Deep)



5' Lt Top W rim MH

31' Rt Top C.B.

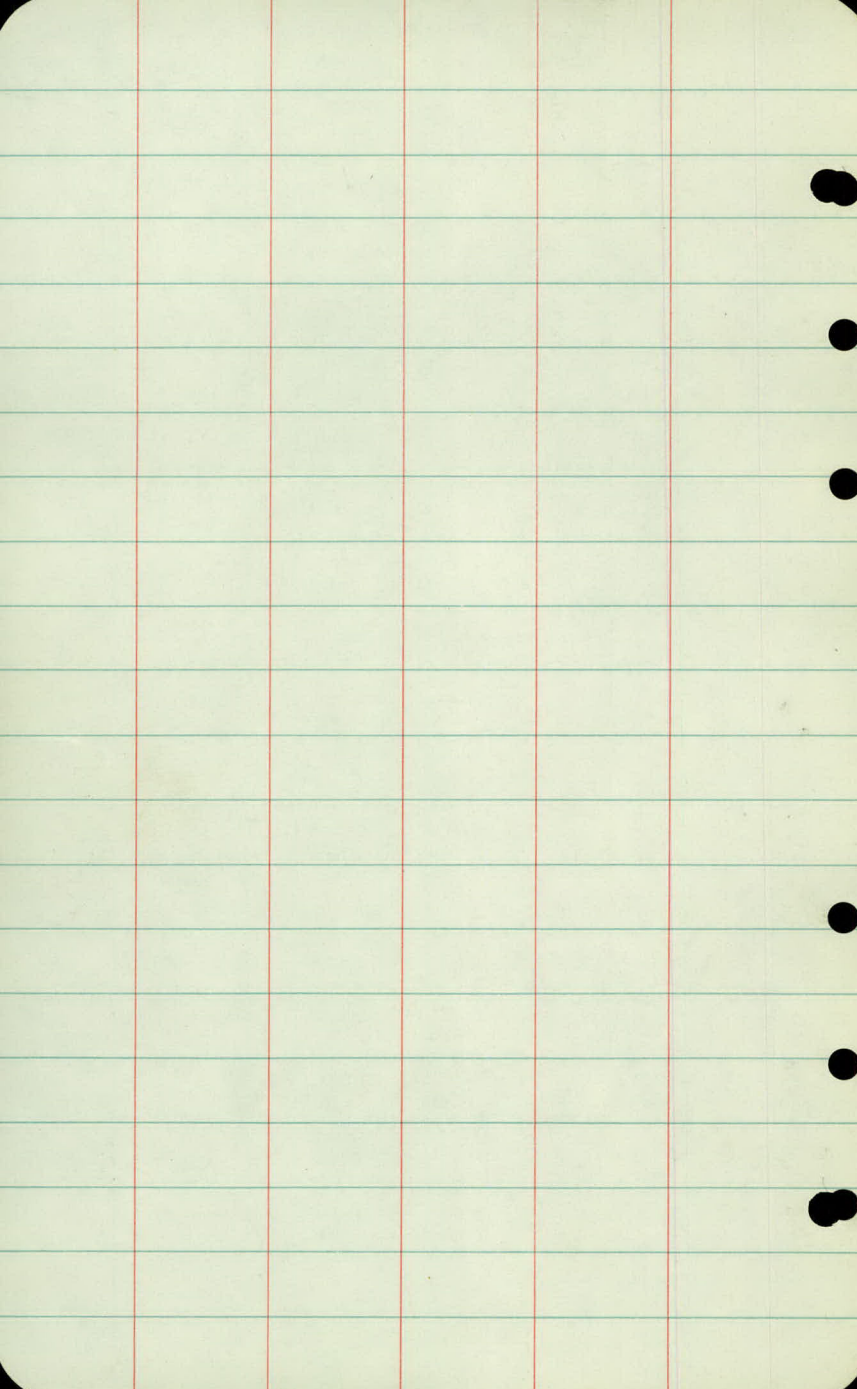
5' Lt Top W. rim MH

Top NW Cor lower Step HO# 546 E Larp

Top Hyd SW Cor Larp & Edgerton

Top W. rim MH 5' Lt

E



RG
JL
RB

Jan 4, 1961
25° clear

1

NE Menemey St.

Plan Survey

(0+00) Larpeleur Ave to 4+50 North

Topog pages 1-3

X-Sections " 4-8

Lt.

E

Rt.

$$\begin{array}{r} \text{TP} \\ +21 \quad 25 \end{array}$$

$$\begin{array}{r} +25 \text{ MH} \\ \text{E} \end{array}$$

$$\begin{array}{r} \text{E.C.} \\ 2+00 \quad +60 \quad 54 \end{array}$$

14 13

$$\begin{array}{r} \text{STP} \\ +85 \quad 57 \end{array}$$

$$\begin{array}{r} \text{STP} \\ +88 \quad 60 \end{array}$$

$$\begin{array}{r} \text{Fe Cor} \quad 1 \text{ c/c. wire} \\ +64 \quad 54 \quad 3 \text{ strand B.W.} \\ \text{RT} +57 \end{array}$$

$$\begin{array}{r} 7' \times \\ +68 \quad 51 \end{array}$$

$$\begin{array}{r} \text{TP} \\ +50 \quad 26 \end{array} \quad \begin{array}{r} 2' \times \\ +58 \quad 60 \end{array}$$

$$\begin{array}{r} 8' \times \\ +40 \quad 50 \end{array}$$

$$\begin{array}{r} 2' \times \\ +50 \quad 59 \end{array}$$

$$\begin{array}{r} 2 \text{ Juniper} \\ +29 \quad 56 \end{array}$$

$$\begin{array}{r} 12' \text{ ENT} \\ +18 \end{array}$$

$$\begin{array}{r} 2 \text{ Juniper} \\ +11 \quad 57 \end{array}$$

$$\begin{array}{r} \text{SW Cor Ho} \\ +11 \quad 64 \end{array}$$

1+00

$$\begin{array}{r} 3' \times \\ 14/13 \quad +06 \quad 49 \end{array}$$

$$\begin{array}{r} 3' \text{ SW} \\ +84 \quad 28 \end{array}$$

$$\begin{array}{r} 5' \times \\ +96 \quad 39 \end{array}$$

$$\begin{array}{r} 2' \text{ Pine} \times \\ +97 \quad 53 \end{array}$$

$$\begin{array}{r} 5' \times \\ +72 \quad 41 \end{array}$$

$$\begin{array}{r} \text{TP} \\ +63 \quad 25 \end{array}$$

$$\begin{array}{r} \text{SW Cor Ho} \\ +65 \quad 62 \end{array}$$

$$\begin{array}{r} \text{E. Rad} \\ +57 \quad 14 \end{array} \quad \begin{array}{r} \text{TP} \\ +57 \quad 25 \end{array}$$

$$\begin{array}{r} \text{E Rad} \\ +35 \quad 14 \end{array}$$

$$\begin{array}{r} \text{End 1st Curb + Beg Rad} \\ +30 \quad 27 \end{array}$$

$$\begin{array}{r} \text{Beg 1st Curb + Rad} \\ +17 \quad 26 \end{array}$$

0+00

Lt.

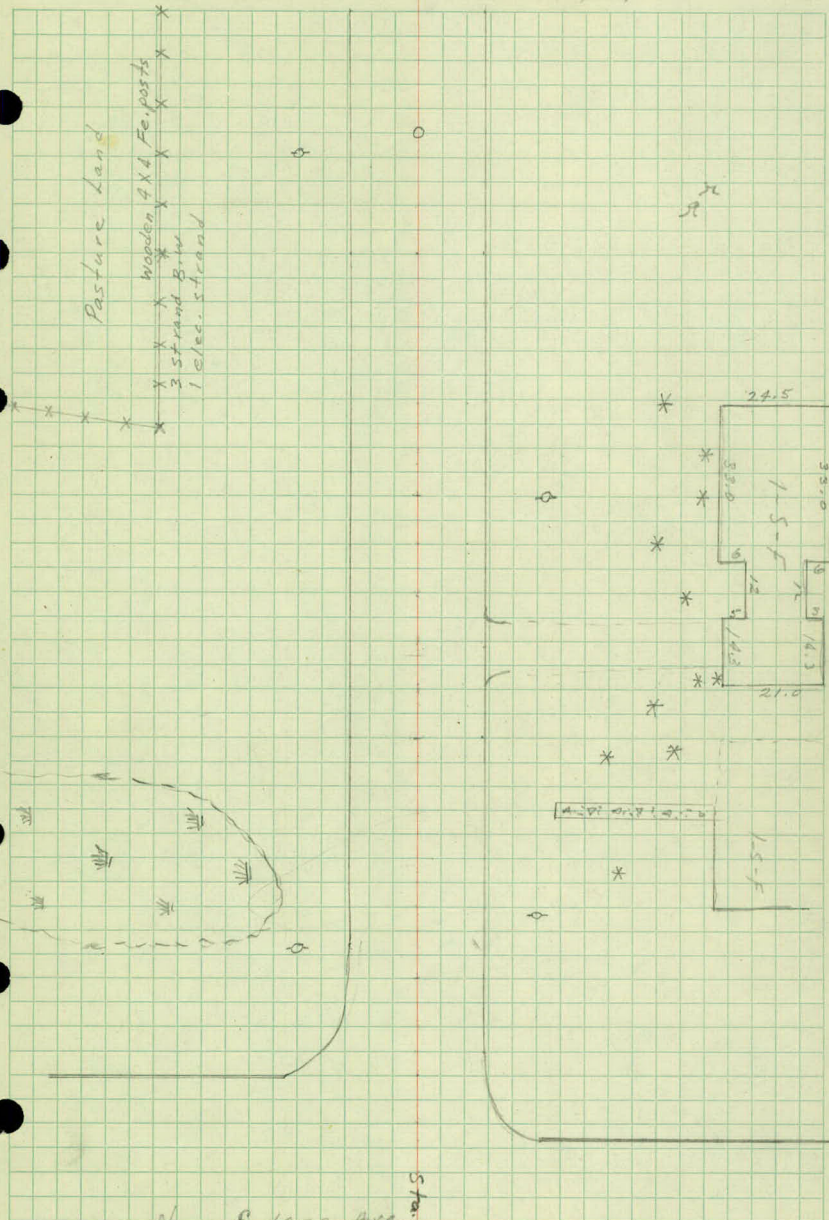
4

Rt.

2

Pasture Land

wooden 4x4 Fe. posts
3 strand B.W.
1 elec. strand



E Karp. Ave.

Sta. 50+69

5+00

Lt

Q

Rt

14 12

12" BE
+48 34
End Trees + Brush
+39 27-40

Begin Trees + Brush
+05 27-60

4+00

14 12

+97 Fecor
58 Rt +69
TP
+86 26

Mult 3" BE
+68 41

Mult 4" BE
+50 44

SW Cor Ho
+50 68

2" Mt. Ash
+34 39

TP
+24 26 +27 59

scattered 3" BE
Beg Trees
+31 45 +47 End Trees
45

3+00

+00 Fec
55

13 12

End Trees Box Elders
+03 32-45

TP
+90 26
Beg Trees BE (4 clumps)
+86 32

4 BE 2"
+63 35

Jan 4, 1961

Lt

L

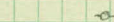
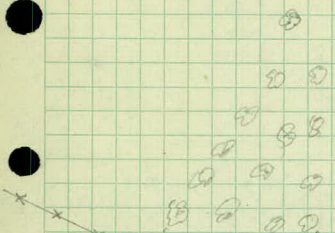
Rt

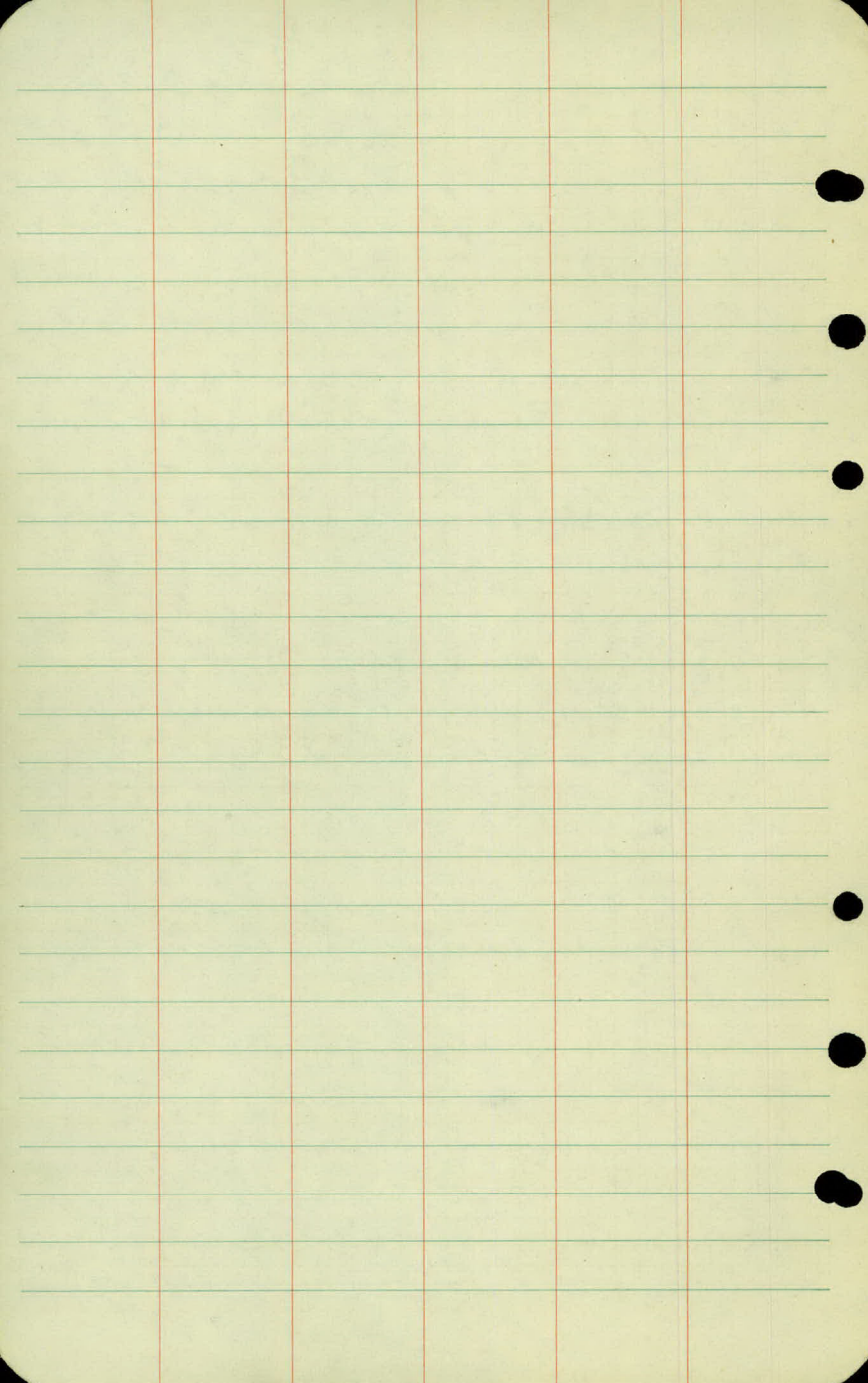
3

1-S-Stone

Scattered Trees

wooden 4x4 footings





RG
JL
RB

Jan 4, 1961

4

M^cMenemy St

(0+00) Larp to 4+50 North

X-Sections

pages 4-8

reduced & CKP By FS 1-7-61

plotted by KP 1-7-61

Sta	+	π	-	Elev
BM	13.80	871.69		857.89

0+57 ✓

+82 ✓

1+00 ✓

+37 ✓

+62 ✓

✓

Jan 4, 1961

LT

K

RT

5

Top NE cor lower step Ho #1675 M=Menemny

54.8	55.0	57.6	58.8	60.9	61.5	61.3	61.5	62.1	62.8
16.9	16.7	14.1	12.9	10.8	10.2	10.4	10.2	9.6	8.9
75	66	36	27	16		12	21	47	60

53.6	53.5	57.2	61.5	62.1	62.5	62.0	62.6	64.0	64.1
18.1	18.2	14.5	10.2	9.6	9.2	9.2	9.7	9.1	7.7
75	59	32	19	14		12	23	28	53
							SW		HO

53.0	53.2	55.0	59.1	62.7	63.0	63.3	63.3	63.3	62.9	63.8
18.7	18.5	16.7	12.6	9.0	8.7	8.4	8.4	8.4	8.8	7.9
75	50	34	24	17	12		13	21	24	58

53.1	53.3	53.8	56.5	60.0	63.8	64.2	64.8	63.9	64.1	64.4	64.59	64.5
18.6	18.4	17.9	15.2	11.7	7.9	7.5	6.9	7.1	7.8	7.6	7.3	7.10
75	66	46	35	25	17	13		13	25	38	54	54
											SW	HO

58.8	58.3	60.5	64.1	64.7	65.3	65.8	65.7	65.5	64.4	64.9	64.7
12.9	13.4	11.2	7.6	7.0	6.4	5.9	6.0	6.2	7.3	6.8	7.0
38	35	28	20	16	11		12	16	28	60	46
										HO	

56.8	56.3	55.1
14.9	16.4	16.6
51	63	75

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

	✓	871.69		
--	---	--------	--	--

+77				
-----	--	--	--	--

✓				
---	--	--	--	--

+85	✓			
-----	---	--	--	--

✓				
---	--	--	--	--

2+00	↓			
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✓				
---	--	--	--	--

TP ₁				
-----------------	--	--	--	--

10.73				
-------	--	--	--	--

879.47				
--------	--	--	--	--

2.95				
------	--	--	--	--

868.74				
--------	--	--	--	--

Jan 4, 1961

6

Lt.

E

Rt

58.4	59.7	59.5	62.6	65.2	66.1	66.5	66.1	65.1	64.4	64.1	64.7
13.3	12.0	12.2	9.2	6.5	5.6	5.2	5.2	5.6	6.6	7.3	7.6
52	39	36	25	19	11	11	16	22	28	40	60

57.3
14.4
60

55.8
15.9
75

59.2	58.8	61.9	66.0	66.4	66.8	66.8	66.5	62.8	60.2	59.0
12.5	12.9	9.8	5.7	5.3	4.9	4.9	5.2	8.9	11.5	12.7
39	35	27	18	11	11	18	25	35	46	

57.8
13.9
50

57.4
14.3
55

56.1
15.6
75

Fe

59.8
11.9
60

57.3	57.7	59.4	62.9	66.7	67.2	67.6	67.4	67.2	63.0	57.6	57.3
14.4	14.0	12.3	8.8	5.0	4.5	4.1	4.3	4.5	8.7	12.1	12.4
54	44	37	26	17	11	11	11	18	26	36	47

56.7
15.0
65

56.4
15.3
75

59.6
12.1
75

57.7
12.0
65

West Rim MH E sta 2+25

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

		879.47		
--	--	--------	--	--

2+50 ✓				
--------	--	--	--	--

3+00 ✓				
--------	--	--	--	--

+40 ✓				
-------	--	--	--	--

+55 ✓				
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+74 ✓				
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TP ₂	2.65	880.08	2.04	877.43
-----------------	------	--------	------	--------

4+00				
------	--	--	--	--

2

[illegible]

61.3	61.5	62.1	64.3	67.1	71.2	71.4	71.8	71.3	71.3	67.2	62.5	62.4	62.6
------	------	------	------	------	------	------	-----------------	-----------------	------	------	------	------	------

18.2	18.0	17.4	15.2	12.4	8.3	8.1	7.7	8.0	8.2	12.3	17.0	19.1	16.9
75	58	44	35-40	27	20	12		11	19	26	42	63	75

62.1
63.0
64.3
67.5
72.1
73.0
~~73.3~~
73.0
72.9
67.9
64.9
63.8
63.5

[illegible]

$\frac{62.5}{76}$	$\frac{62.8}{67}$	$\frac{63.6}{56}$	$\frac{64.0}{A}$	$\frac{66.2}{133}$	$\frac{67.2}{123}$	$\frac{68.3}{11.2}$	$\frac{73.5}{6.0}$	$\frac{73.9}{5.6}$	$\frac{73.6}{5.9}$	$\frac{73.3}{6.2}$	$\frac{72.7}{6.8}$	$\frac{69.4}{10.1}$	$\frac{66.1}{13.4}$	$\frac{65.6}{13.9}$
76	67	56	A	24	21	21	11	11	11	23	32	45	62	75

6.1	15.7	15.1	13.2	11.2	11.6	10.1	6.4	5.4	5.0	5.3	5.4	5.8	6.4
75	67	53	43	37	34	27	19	12	5	11	31	61	15
6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5

spike in T.P. 26' RT Sta A+24

66.0
66.5
68.2
69.8
71.2
75.0
75.4
~~75.8~~
~~75.6~~
75.3
75.4
75.9
76.5

14.1	13.6	11.9	10.3	8.9	5.1	4.7	4.3	4.5	4.8	4.7	4.2	3.6
75	56	41	35	29	17	12		12	16	25	48	75

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

+15	✓	880.08		
-----	---	--------	--	--

+21	✓			
-----	---	--	--	--

TP ₂	8.69	886.12	2.65	897.43
-----------------	------	--------	------	--------

+30	↓			
-----	---	--	--	--

+50				
-----	--	--	--	--

5+00 L			5.9	880.2
--------	--	--	-----	-------

+50 L			3.6	882.5
-------	--	--	-----	-------

6+00 L			1.8	884.3
--------	--	--	-----	-------

TP ₂	0.18	894.74	11.56	894.56
-----------------	------	--------	-------	--------

TP ₄	1.61	864.64	11.71	863.03
-----------------	------	--------	-------	--------

BM			6.71	857.93
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				857.89
--	--	--	--	--------

Jan 5, 1961

L4

R

R+

8

69.4	69.1	69.8	71.3	72.2	76.0	75.9	76.5	76.3	76.1	76.3	76.3	77.0	76.6	77.1
10.7	11.0	10.3	8.8	7.9	4.1	4.2	3.6	3.8	4.0	3.8	3.8	3.1	3.5	3.0
75	65	49	35	26	18	15		11	15	17	27	42	55	75

70.6	72.1	71.6	72.7	76.5	76.3	76.9	76.7	76.4	76.8	78.3	77.3	77.8
9.5	8.0	8.5	7.4	3.6	3.8	3.2	3.4	3.7	3.3	1.8	2.8	2.3
75	60	47	30	18	15		12	15	26	42	58	75

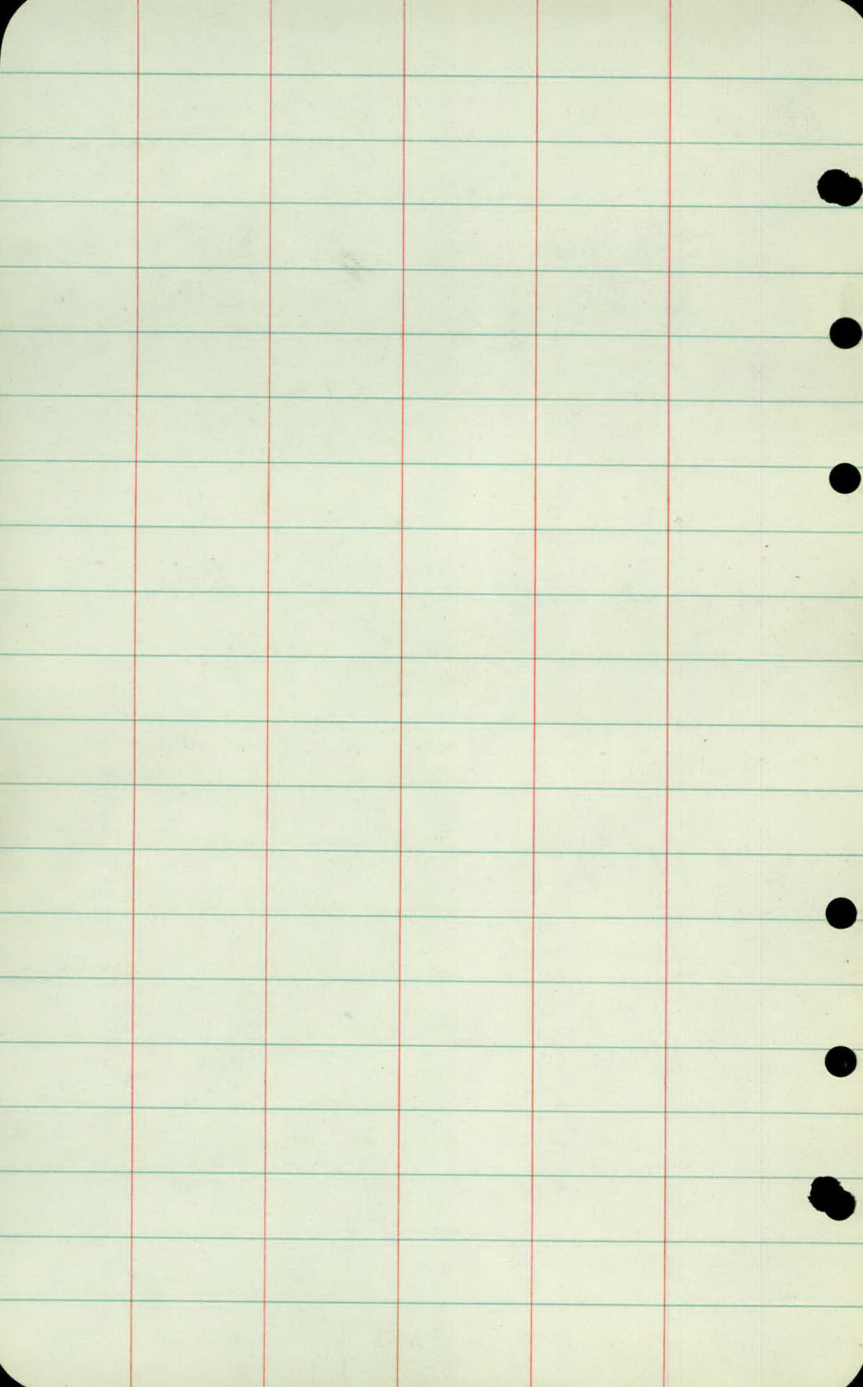
72.1	73.1	73.4	73.9	76.5	76.9	77.2	77.1	77.2	79.0	79.9	80.7
14.0	13.0	12.7	12.2	9.6	9.4	8.9	9.0	8.9	7.1	6.2	6.0
75	56	41	26	19	14		12	24	39	56	75

76.3	76.6	77.0	77.5	76.6	76.7	77.6	78.1	77.9	77.5	79.9	80.2	80.9
9.8	9.5	9.1	8.6	9.5	9.4	8.5	8.0	8.2	8.6	6.2	5.9	5.2
75	65	48	33	29	22	14		12	23	39	47	40

Rock

Rock

Top NE Cor lower step Ho # 1675 McMenemy



RG
JL
WM

Dec 30, 1960
P.C., cool

1

Jackson St.

Plan Survey

Larpeur Ave = 0+00
to 600' North = 6+00

Topog pages 1-4

Lt

L

Rt

2+00

13 12

+04 $\frac{2'' \text{ Ash}}{35}$ +98 $\frac{PP}{25}$ +89 $\frac{TP}{25}$ +73 $\frac{16'' \text{ BE}}{31}$ +59 $\frac{2'' \text{ Ash}}{38}$ +10 $\frac{18'' \text{ Blue}}{32}$ 1+00 +02 $\frac{16'' \text{ BE}}{59}$

13 14

+94 $\frac{25 \text{ steps}}{59}$ RT = +09+82 $\frac{24'' \text{ Cott}}{56}$

+92 Ent

+81 $\frac{\text{Ret Wall}}{30}$ +82 $\frac{\text{SE Cor Bar}}{37}$ +49 $\frac{MH}{2}$ +64 $\frac{24'' \text{ Cott}}{55}$ +42 $\frac{\text{SE Cor Ho}}{46}$ +44 $\frac{24'' \text{ BE}}{33}$ +40 $\frac{8'' \text{ Apple}}{34}$ +46 $\frac{30'' \text{ Cott}}{54}$ +34 $\frac{PP}{23}$ +26 $\frac{\text{Bag Ticket Fo}}{31}$

0+00

RG
JL
WM

N
↑

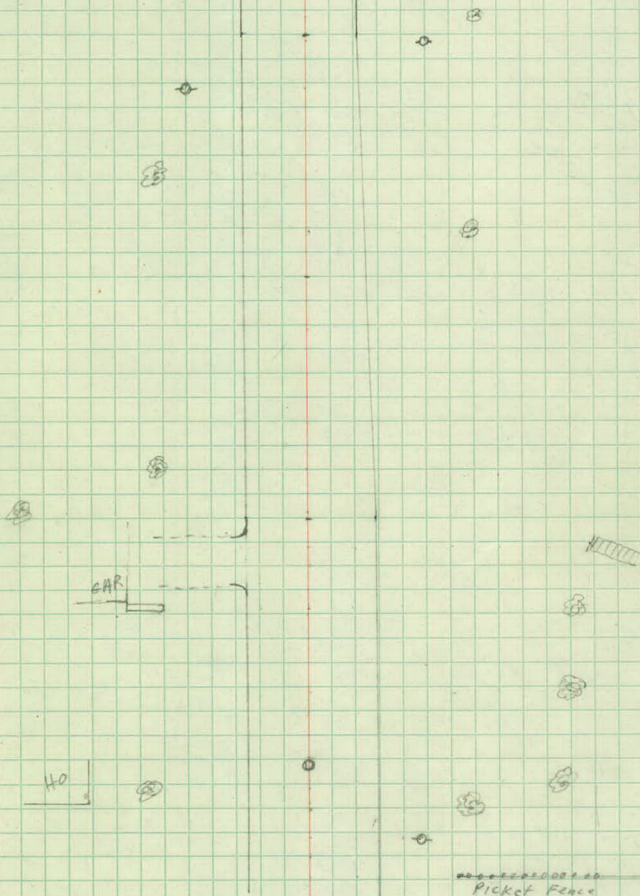
⊗

Dec 30, 1960

2

Lt.

Rt.



⊗ Larp Ave

$$\begin{array}{r}
 5400 \\
 +66 \frac{12" \text{ELM}}{64} \\
 +66 \frac{16" \text{ELM}}{48} \\
 +59 \frac{\text{Hedge}}{50} \\
 +43 \frac{\text{stump}}{43} \\
 +43 \frac{\text{Bog Hedge Lilacs}}{32}
 \end{array}
 \begin{array}{r}
 +66 \frac{\text{stump}}{75} \\
 +75 \frac{\text{Bush}}{51} \\
 +85 \frac{15" \text{COTT.}}{49} \\
 +82 \frac{35" \text{Hw}}{65}
 \end{array}$$

13 13

$$+60 \frac{\text{BRad}}{37} + 89 \frac{\text{ERad}}{14}$$

$$+17 \frac{\text{BRad}}{13} + 30 \frac{\text{ERad}}{32}$$

$$\begin{array}{r}
 4400 \\
 +81 \frac{\text{Bush}}{72} \\
 +71 \frac{\text{SECORHw}}{72} \\
 +62 \frac{\text{Ent 10' HEnd 12" CM}}{72} \\
 +55 \frac{\text{PP}}{45} \\
 +42 \frac{24}{24}
 \end{array}
 \begin{array}{r}
 +84 \frac{33 \text{ Cott}}{34} \\
 +77 \frac{\text{Bush}}{72} \\
 +70 \frac{\text{Bush}}{72} \\
 +44 \frac{4" \text{Ash}}{61}
 \end{array}$$

12 13

$$+67 \frac{\text{PP}}{26}$$

$$\begin{array}{r}
 +26 \frac{\text{S. End 9" x cm}}{36} \\
 +24 \frac{\text{Fe. 3 strand}}{40} \\
 +17 \frac{\text{S. end 6" vit. pipe}}{88}
 \end{array}
 \begin{array}{r}
 +34 \frac{\text{Top Rock wall}}{24} \\
 +25 \frac{\text{Bottom Rock wall}}{40}
 \end{array}$$

3400

12 13

$$\begin{array}{r}
 +77 \frac{26}{26} \\
 +74 \frac{34}{34} \\
 +66 \frac{5" \text{ Maple}}{37} \\
 +65 \frac{5" \text{ P}}{31}
 \end{array}
 \begin{array}{r}
 +73 \frac{\text{stp}}{30} \\
 +74 \frac{\text{CB}}{15} \\
 +69 \frac{\text{stp}}{26} \\
 +67.5 \frac{\text{MH}}{12.5}
 \end{array}
 \begin{array}{r}
 +75 \frac{\text{CB}}{15} \\
 +61 \frac{2" \text{ Ash}}{27}
 \end{array}$$

RC
JL
WM
RB

L

Jan 3, 1961
1^o, Fair

3

582

5.1
1 1/2 S-F
29

1 1/2
7.4



2.22

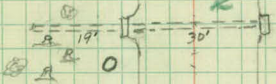
Kingston St

24.5
20
15
12
10.1
1.5-F
28.5



Low Area

Rem 2 CB 4'
49' pipe



6+00

13 14

4' SW 3 steps
 +75 18 +75 34-38
 SW cor HO
 +70 70

NW cor HO 3' Juniper
 +80 69 +79 77
 +69 9' Pine 2' Juniper
 36 +62 77
 2' Ash End 3' SW
 +58 31 +59 60
 2' Juniper
 +53 77
 cor SW 3' 2' Juniper
 +30 60 +32 77
 PP +41 2' X Pine
 +36 27 40
 Ent 10' 2' X Pine
 +22 +35 40

+16 Ent 10'

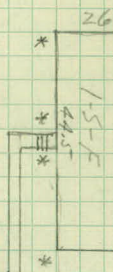
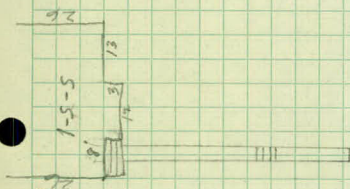
5+00 +03 ^{STP} 50

13 13

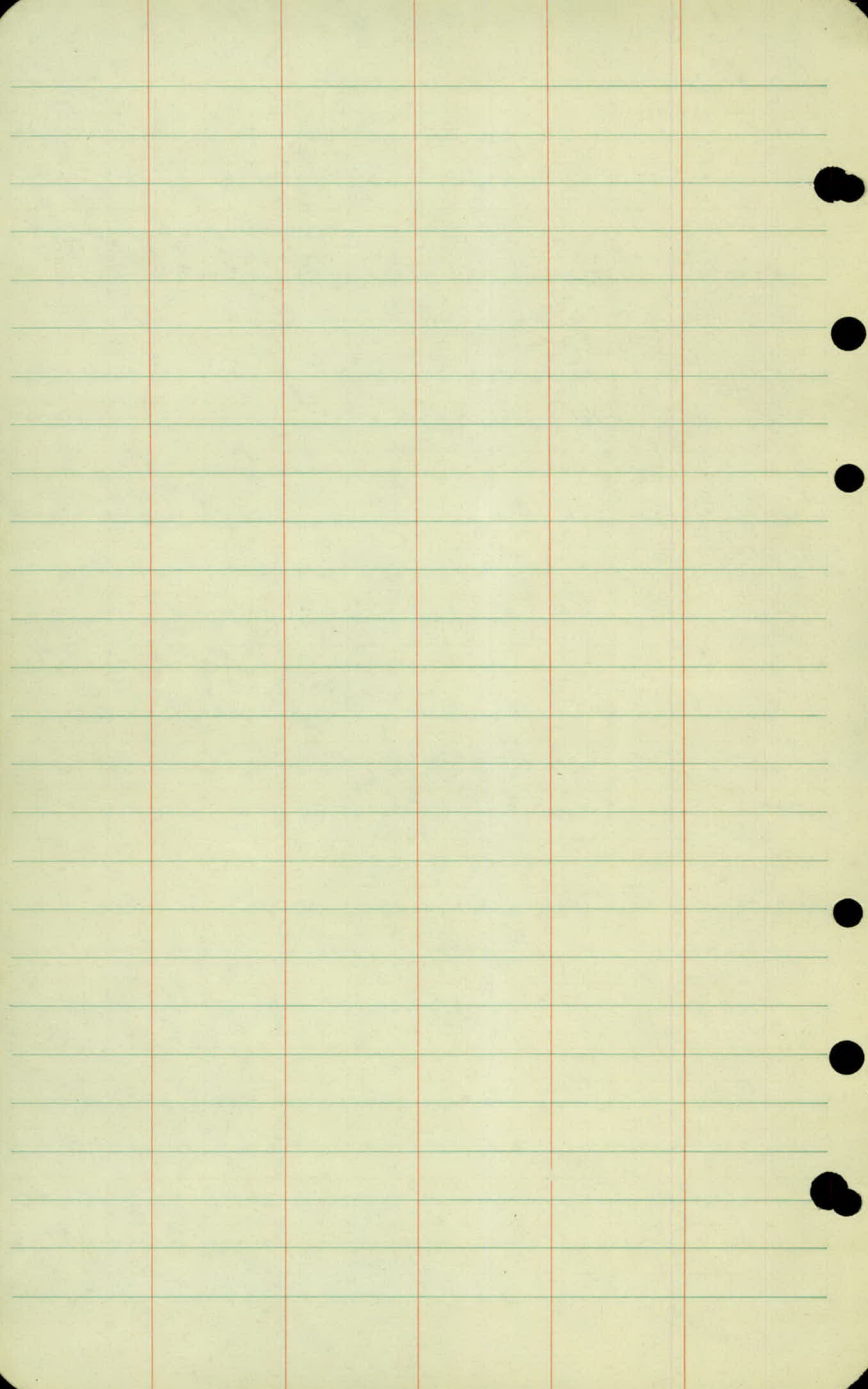
Jan 3, 1961

4

4



R



Jan 3, 1961

5

Jackson St.

Larp Ave to 600' North

X- Sections

page 5-13

REDUCED CKD BY FS 1-6-61

plotted by KP

1-7-61

Sta	+	π	-	Elev
BM	1.86	887.07		885.21

TBM			3.54	883.53
-----	--	--	------	--------

0+50

+82

+83

1+00

TP,	0.03	885.98	1.12	885.95
-----	------	--------	------	--------

+12

Lt

R

Rt

6

Top NE cor. Lower step Ho# 701 Jackson

No.	rim	MH	R	0+49	83.5	83.6	83.6	83.7	83.9	83.6	84.4	86.1	87.1
84.9	84.8	83.9	83.8	83.4	83.5	83.6	83.6	83.7	83.9	83.6	84.4	86.1	87.1
2.2	2.3	3.2	3.3	3.5	3.6	3.5	3.5	3.4	3.2	3.5	2.7	1.0	0.0
46.	34	30	16	14	9	9	9	14	23	31	38	53	55
Ho													

84.2	84.1	84.9	84.8	84.7	84.9	84.6	81.0	81.6	83.4	85.0	87.1
84.2	84.1	84.9	84.8	84.7	84.9	84.6	81.0	81.6	83.4	85.0	87.1
2.9	3.0	6.2	6.3	6.4	6.2	6.5	6.1	5.5	3.7	2.1	0.0
53	33	28	14	10		13	22	36	49	56	60
Ho											

80.4	80.8	80.8	80.5	80.8
80.4	80.8	80.8	80.5	80.8
6.7	6.3	6.3	6.6	6.3
36	27	16	12	
GAR				

71.8	74.2	79.7	80.2	80.1	79.4	79.3	79.5	79.7	79.3	79.8	81.0	83.2	85.3	87.1
71.8	74.2	79.7	80.2	80.1	79.4	79.3	79.5	79.7	79.3	79.8	81.0	83.2	85.3	87.1
15.3	12.9	7.4	6.9	7.0	7.7	7.8	7.6	8.0	7.8	7.3	6.1	3.9	1.8	0.0
90	66	55	35	27	14	12		13	19	31	38	52	63	67

iron pipe 55' Rt Sta 0+88

72.0	79.5	79.1	79.9	79.0	78.6	78.7	78.7	78.6	79.9	81.8	85.8
72.0	79.5	79.1	79.9	79.0	78.6	78.7	78.7	78.6	79.9	81.8	85.8
14.0	6.5	6.9	6.1	7.0	7.4	7.3	7.3	7.4	6.1	4.2	0.2
69	53	40	29	15	12	8		12	20	27	37
										48	71

68.6	67.7
68.6	67.7
17.4	18.3
91	100

Sta	+	π	-	Elev
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		885.98		
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+27				
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+40				
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+70				
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TP ₂	5.00	879.63	11.35	874.63
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2+00				
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+50				
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✓				
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Jan 3, 1961

Lt

E

Rt

7

66.0	67.5	71.0	74.7	79.0	78.3	77.9	77.9	77.7	77.6	78.0	79.6	83.2	85.3
20.0	18.5	15.0	11.3	7.0	7.7	8.1	8.1	8.3	8.4	8.0	6.4	2.8	0.7
100	83	56	43	35	16	12		7	14	23	39	61	77

63.0	64.6	68.1	69.4	75.8	77.9	77.3	77.2	77.1	77.6	79.1	79.4	82.8
23.0	21.4	17.9	16.6	10.2	8.6	8.7	8.8	8.9	8.4	6.9	6.6	3.2
100	75	63	45	29	22	14		15	23	36	41	60

61.7	61.7	62.6	65.3	70.9	76.1	76.3	75.9	76.0	75.9	76.1	77.6	78.6
3.3	24.3	23.4	20.7	15.3	9.9	9.7	10.1	10.0	10.1	9.9	8.4	7.4
10	85	61	41	31	22	17	14		11	28	43	50

Top C.B. 15' Lt sta 2+79

59.9	60.6	61.9	63.0	68.5	75.0	75.3	75.3	75.0	74.8	74.8	75.9
19.7	19.0	12.7	16.6	11.1	4.6	4.3	4.3	4.6	4.8	4.8	3.7
100	70	47	44	33	22	14		12	24	42	54

60.7	63.2	70.3	74.1	74.6	74.3	74.6	74.2	74.4	74.2	74.2
18.9	16.4	9.3	5.5	5.0	5.3	5.0	5.4	5.2	5.4	5.4
58	45	31	24	14	N		13	16	37	50

60.2	59.0
19.4	20.6
75	100

Sta

+

H.I.

-

Elev

879.63

+69

✓

+74

11.31

868.32

+81

✓

3400

✓

Jan 3, 1961

8

Lt.

E

R+

62.9	64.9	70.2	74.0	73.8	74.2	74.6	74.2	74.5	74.3	74.2
16.7	14.7	9.4	5.6	5.8	5.4	5.0	5.4	5.1	5.3	5.4
55	40	30	23	21	11		13	16	29	50

60.7	57.9
18.9	19.7
72	100

FL 18" SCP 34' Lt

64.3	66.7	70.4	74.2	74.6	74.3	74.6	74.2	74.4	74.3	74.1
15.3	12.9	9.2	5.4	5.0	5.3	5.0	5.4	5.2	5.3	5.5
42	36	29	21	15	12		13	16	30	50

63.4	62.9	62.3
16.2	16.7	17.3
53	75	100

63.8	64.5	68.7	68.7	74.6	74.5	74.6	74.5	74.7	74.8	75.4
15.8	15.1	10.9	10.9	5.0	5.1	5.0	5.1	4.9	4.8	4.2
75	42	33	31	19	12		12	20	30	50

63.9
15.7
100

Sta

+

*

-

Elev

879.63

3+10

✓

14.4 FL. 865.23

+25

✓

13.53 866.10

+33

✓

JAN. 3, 1961

9

Lt

E

Rt

65.0	70.6	74.6	74.8	74.6	74.7	74.4	74.8	75.0	75.1	77.9
14.6	9.0	5.0	4.8	5.0	4.9	5.2	4.8	4.6	4.5	1.7
38	28	20	16	11		11	22	37	45	53



64.7	65.4	65.3
14.9	14.2	14.3
61	87	100

6" TILE 88' Lt Stg 3+17

78.1
1.5
62

66.6	70.3	73.8	75.2	74.8	74.9	74.8	75.1	75.4	76.9	78.7
13.0	9.3	5.8	4.4	4.8	4.7	4.8	4.5	4.2	2.7	0.9
53	29	23	18	13		15	24	43	49	60

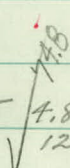


67.0	67.2	67.2
12.6	12.4	12.4
68	83	100

9" CM 36' Lt Stg 3+26

79.2
0.4
70

73.0	72.8	74.2	75.2	74.9	75.1	74.8	75.4	75.4	75.9
6.6	6.8	5.4	4.4	4.7	4.5	4.8	4.2	4.2	3.7
70	41	23	17	13		12	24	34	43



73.4
6.2
100

78.7	77.8
0.9	1.8
59	47

Sta	+	K	-	ELV.
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		879.63		
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3+55				
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✓				
---	--	--	--	--

+71				
-----	--	--	--	--

✓				
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4+00				
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✓				
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11.07	888.46	2.24	877.39	
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JAN 3, 1961

10

LT

LD

RT

72.5-	74.2	75.2	75.3	75.6	75.2	75.5	76.0	75.7
7.1	5.4	4.4	4.3	4.0	4.4	4.1	3.6	3.9
41	27	16	11		15	23	29	46
72.5	72.6	73.1				75.9	77.9	
7.1	7.0	6.5				0.9	1.7	
61	79	100				65	53	

72.3	72.3	72.9	75.5	75.7	76.1	75.5	75.9	76.1	76.2	76.4
7.3	7.3	6.7	4.1	3.9	3.5	4.1	3.7	3.5	3.4	3.2
52	47	31	21	13		16	20	31	42	50
110										

72.3	72.5							78.0	78.0	
7.3	7.1							1.6	1.6	
73	85							60	55	

72.8	72.5	73.4	76.7	76.8	77.2	76.9	76.9	76.1	77.1	77.6
6.8	7.1	6.2	2.9	2.8	2.4	2.7	2.7	3.5	2.5	2.0
56	45	29	21	13		11	15	20	24	36
110										

78.5	78.0	
1.1	1.6	
56	44	

Sta

+

π

-

ELV.

888.46

4 + 21

+29

✓

+47

+58

✓

JAN 3, 1961

Lt

F

RE

11

73.8	73.8	73.7	77.7	77.8	78.2	77.8	77.3	78.4	79.5
14.7	14.7	14.8	10.8	10.7	10.3	10.7	11.2	10.1	9.0
75	49	32	21	11		13	19	27	50

75.8	75.8	78.1	78.2	78.2	78.6	78.4	78.1	78.2	79.0	79.4
12.7	12.7	10.4	10.3	10.3	9.9	10.1	10.4	10.3	9.5	9.1
50	29	21	14	11		11	16	25	32	50

76.6
11.9
75

83.1	82.1	79.9	78.9	79.5	79.1	79.5	79.4	79.4	79.9	80.2
5.4	6.4	8.6	9.6	9.0	9.4	9.0	9.1	9.1	8.6	8.3
75	56	37	25	17	11		12	44	100	150

87.0	84.1	81.0	80.3	79.7	80.1	79.8	79.7	79.6
1.5	4.4	7.5	8.2	8.8	8.4	8.7	8.8	8.9
45	36	29	19	✓ 2		12	38	60

87.6
0.9
50

88.1
0.4
75

Sta	+	π	-	Elev
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		888.46		
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+62				
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+75				
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TBM	3.37	891.34	0.49	887.97
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5+00				
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+07				
-----	--	--	--	--

+11				
-----	--	--	--	--

+23				
-----	--	--	--	--

Rd
JL
WM
RB

Jan 3, 1961
Jan 4, 1961
RT

12

Lx				F			
88.1	87.0	86.0	79.9	80.3	80.1	79.9	79.9
0.4	1.5	7.5	8.6	8.2	8.4	8.6	8.8
70	45	29	12		12	37	50

88.0	87.9	87.5	88.0	83.1	80.7	81.0	80.7	80.1	80.2	80.0
0.5	0.6	1.0	5.5	5.4	7.8	7.5	7.8	7.8	8.3	8.5
75	60	40	29	25	13		13	28	47	60

Top SW cor lower Step Ho # 1730 Jackson

87.8	87.9	87.4	85.6	83.3	82.8	82.1	82.2	81.8	82.3	82.6	83.3	84.1
3.5	3.4	3.9	5.7	8.0	8.5	9.2	9.1	9.5	9.0	8.7	8.0	6.6
65	52	30	28	21	17	14		15	20	31	33	50

87.6	87.8	87.2	85.1	82.9	82.4	82.3	82.0	82.5	83.4	83.9	85.5	85.9
3.7	3.5	4.1	6.2	8.4	8.9	8.8	9.3	8.8	7.9	7.4	5.8	5.4
60	50	38	29	21	12		15	20	31	34	48	61

87.5	87.2	86.0	84.2	82.9	82.5	82.4	82.2	82.6	83.8	85.9	86.3
3.8	4.1	5.3	7.1	8.4	8.8	8.6	9.1	8.7	7.5	5.4	5.0
64	51	42	29	19	13		15	19	31	48	59

87.4	87.0	85.3	84.3	83.2	83.0	83.2	82.8	83.0	83.9	86.4	86.9
3.9	4.3	6.0	7.0	8.1	8.3	8.1	8.5	8.3	7.4	4.9	4.4
61	49	37	30	20	14		15	19	29	49	59

Sta	+	T	-	Elev
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		891.34		
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+2.5				
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+50				
-----	--	--	--	--

+73				
-----	--	--	--	--

6+00				
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TP	3.65	885.55	9.44	881.90
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BM			0.33	885.22	885.21
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R6
JL
WM
RB

Jan 4, 1961
50 - Clear

13

L				E				R+			
87.7	87.6	87.3	85.0	83.3	83.0	82.8	82.0	85.9	86.4	86.9	
3.6	3.7	4.0	6.3	8.0	8.3	8.0	8.5	8.3	7.4	4.9	
61	52	42	34	21	13		15	19	29	49	

87.4	87.3	84.9	84.0	83.6	84.0	83.7	84.5	84.9	83.5	86.7	87.36	87.1
3.9	4.0	6.4	7.3	7.7	7.3	7.6	6.8	6.4	5.8	4.6	3.98	4.2
63	42	33	20	14		15	20	26	31	46	60	68

SW HO

87.5	87.1	85.0	84.59	84.0	84.5	84.1	84.8	85.5	86.5	86.8
4.1	4.2	6.3	6.75	7.3	6.8	7.2	6.5	5.8	4.8	4.5
52	42	33	18	15		15	20	29	41	58

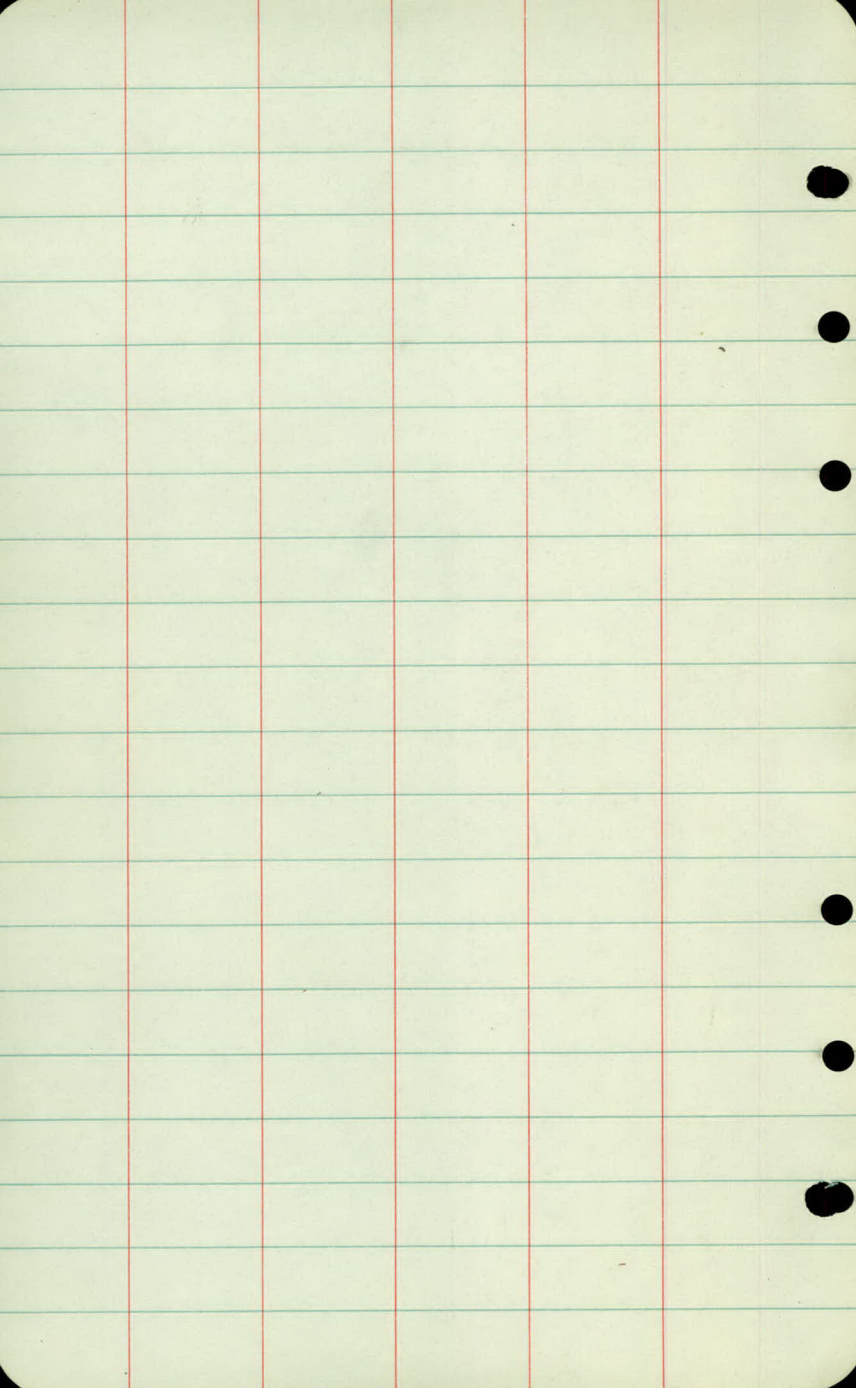
Gr. SW

87.3	87.1	87.1	85.3	84.8	84.5	85.0	84.6	84.9	85.8	86.5	86.7
4.0	4.2	4.2	6.0	6.5	6.8	6.3	6.7	6.4	5.5	4.8	4.6
69	50	39	33	19	15		15	19	30	50	60

HO

Boulder SE Cor Jackson & Kingston

Top NE Cor lower step Ho #1701 Jackson



Agate St.
From Larp Ave North

X- Sections

2 pages

REDUCED & CHKD BY JS 1-9-61

Sta	+	π	-	Elev
BM,	12.93	885.63		872.70
0+52				
+75				
1+00				
+25				
+50			8.8	876.8
+75			6.3	879.3
2+00			4.0	881.6
+25			1.7	883.9
BM,		12.94	872.69	872.70

2

Top Hyd Agate & Lar p.

Top Hyd Agents + Lar p.													
78.1 ✓	73.9 ✓	70.6 ✓	64.6 ✓	69.2 ✓	69.7 ✓	69.0 ✓	68.5 ✓	68.7 ✓	71.5 ✓	72.0 ✓	71.7 ✓		
10.5	11.7	15.0	16.0	16.4	15.9	16.6	16.1	15.9	14.1	13.6	13.9		
75	48	30	16	15		15	16	30	48	65	75		
			T.C.	B.C.		B.C.	T.C.						
77.5 ✓	75.7 ✓	74.4 ✓	72.2 ✓	71.0 ✓	70.5 ✓	71.1 ✓	70.5 ✓	71.0 ✓	71.4 ✓	73.3 ✓	73.4 ✓	72.7 ✓	
8.1	9.9	11.2	13.4	14.6	15.1	14.5	15.1	14.6	14.2	12.3	12.2	12.9	
75	61	44	33	16	15		15	16	30	37	59	75	
				T.C.	B.C.		B.C.	T.C.					
79.7 ✓	78.8 ✓	77.9 ✓	77.2 ✓	75.2 ✓	73.3 ✓	72.7 ✓	72.1 ✓	72.8 ✓	72.4 ✓	72.9 ✓	73.3 ✓	74.8 ✓	75.0 ✓
5.9	6.8	7.7	8.4	10.4	12.3	12.9	13.5	12.8	13.2	12.7	12.3	10.8	10.6
75	67	60	52	39	28	16	15		15	16	30	37	56
						T.C.	B.C.		B.C.	T.C.			75
81.6 ✓	79.7 ✓	78.0 ✓	75.6 ✓	74.8 ✓	74.3 ✓	74.7 ✓	74.6 ✓	75.1 ✓	75.3 ✓	76.9 ✓	74.8 ✓	76.4 ✓	
4.0	5.9	7.6	10.0	10.8	11.3	10.9	11.0	10.5	10.3	8.7	10.8	9.2	
75	58	42	28	16	15		15	16	29	36	51	75	
				T.C.	B.C.		B.C.	T.P.					

