

Dr. 9 Bk. 13

OFFICE OF COUNTY ENGINEER
RAMSEY COUNTY, MINN.

Stadia Survey

Lowland Locations

From Pest House To McCarons Lk.

Road Acc't. No. _____

Date Filed 2-6-59

File Dr. 9 Bk. 13

DIST.

VERT.
ANGLEROD
EQUIV.

ROD

DIFF.

ELEV.

Lowland Locations
Pest House
to McCarrons Lake

2 pages

OBJECT

AZ.

STADIA

X at 10+50 Dale St.

to PI 12+87

0° 00'

237

HI = 5.5

S.E. Cor. Ho.

274° 55½' 7.30

N.E. Cor. Ho.

277° 25' 7.06

N.W. Cor. Shed

273° 36' 6.73

N.E. Cor. Shed

273° — 6.60

N.W. Cor. Ho

273° 09'

29 June 1953

2

FK
AM
LC
MMc
DM

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV
-------	----------------	---------------	-----	-------	------

911.7

2.8

(H.I. = 917.2)

+0° 27'	+5.8	5.6	+0.2	17.4
---------	------	-----	------	------

+0° 27'	+5.6	2.0	+3.6	20.8
---------	------	-----	------	------

		7.1		10.1
--	--	-----	--	------

		10.3		06.9
--	--	------	--	------

HOUSE 32' X 32'

shed 16' E-W

" 12' N-S

Note: Elev. at Bottom of siding
on House = 917.2

OBJECT

AZ.

STADI

DIST.

VERT.
ANGLEROD
EQUIV.

ROD

DIFF.

ELEV.

*Sec 13 Lowland**6 pages*

OBJECT

AZ.

STADIA

π at iron 1307.29' East of Dale

to Mont & Dale + A² 270°00'

to Hub #1 170°08' 195'

H.I. - 5.3

π at Hub #1

to Iron 350°08' 195'

to Spk & So McCarans (Red) 98°00'

to Hub #2 249°27½' 516'

244°50' 354'

254° 360'

256° 330'

257° 300'

250°15' 308'

243°50' 315'

235°45' 250'

248°45' 230'

256°50' 225'

254° 140'

230° 155'

212°40' 185'

192°45' 155'

198°25' 115'

209°25' 90'

26 June 1953

4

FK
AM
MMc
PM

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV
-------	----------------	---------------	-----	-------	------

H.I. = 874.3

868.97

H.I. = 5.3

868.99

-	0° 42'	-4.3	12.0	-16.3	58.0-
-	0° 53'	-5.5	12.0	-17.5	56.8-
-	01°	-5.7	11.0	-16.7	57.6-
-	01°	-5.2	12.1	-17.3	57.0-
-	01° 38'	-8.8	10.0	-18.8	55.5-
-	01° 38'	-9.0	8.1	-17.1	57.2-
-	01° 40'	-7.3	10.0	-17.3	57.0-
-	02° 15'	-9.0	10.0	-19.0	55.3-
-	02° 15'	-8.8	9.0	-17.8	56.5-
-	03° 28'	-8.5	8.0	-16.5	57.8-
-	03° 28'	-9.4	8.2	-17.6	56.7-
-	03° 08'	-10.1	6.0	-16.1	58.2-
-	03° 08'	-8.5	6.6	-15.1	59.2-
-	03° 40'	-7.3	10.0	-17.3	57.0-
-	04°	-6.3	12.0	-18.3	56.0-

OBJECT

H.I. = 874.3 AZ.

STADI

T at Hub #1

239°10' 70'

264°50' 32'

222°50' 32'

155°45' 6'

162° 40'

187°10' 65'

192°15' 70'

157°20' 73'

191°25' 102'

175°05' 80'

149°20' 45'

@ 12' DRIVE
 " "

RED

98°22' 480' -

BM 3.83 847.76 6.66 843.93

12.91 854.01 6.66 841.10 check

TP 13.60 866.33 1.28 852.73

BM 6.31 860.02

TP 6.32 872.31 0.34 865.99

Hub #1 3.32 868.99

BM 2.72 872.99 7.04 865.27

TP 1.08 861.66 12.41 860.58

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV
-02°56'	-3.6	12.0	-15.6	58.7	-
—		6.0		68.3	-
—		11.3		63.0	-
—		6.8		67.5	-
—		9.8		64.5	-
-03°08'	-3.5	10.0	-13.5	60.8	-
-03°08'	-3.8	12.3	-16.1	58.2	-
—		10.0		64.3	-
-03°40'	-6.5	9.0	-15.5	58.8	-
-03°40'	-5.1	4.8	-9.9	64.4	-
-03°40'	-2.9	5.0	-7.9	66.4	-
-0°46'	-6.4	12.0	-18.4	55.9	-

Water Level Mc Carrons 26 June 1953

Top S.E. Cor Conc. Stop H₀ 453 S. Mc Carrons

Top Boulder 100' S. Hub #1

OBJECT

AZ.

STADIA

861.66

TP	0.83	854.67	7.82	853.84	
			13.56	841.11	841.10

H.I = 861.66

To at Red

to Hub #1

278°22' 485'

to McCARDONS

280°10' 370'

"

281°10' 240'

"

283°30' 140'

298°10' 22'

93°30' 112'

EDGE OF PAVEMENT

92°15' 60'

GE

77°20' 118'

"

78°40' 70'

"

77° 100'

"

93°40' 130'

"

78° 160'

EDGE OF WATER

76°45' 174'

GE

92° 155'

GE

89°35' 210'

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
-------	----------------	---------------	-----	-------	-------

in B. Pole

Water Elev 26 June 1953

H.I. 5.5

856.20

+ 01° 04'	+ 6.9	3.0	+ 3.9	65.6 -
+ 0° 18'	+ 1.2	1.0	+ 0.2	61.9 -
-		2.9		58.8 -
-		5.0		56.7 -
-		6.3		55.4 -
-		5.7		56.0 -
-		16.1		45.6 -
-		7.0		54.7 -
-		14.5		47.2 -
-		8.3		53.4 -
- 02° 28'	- 6.9	12.0	- 18.9	42.8 -
- 02° 30'	- 7.6	13.0	- 20.6	41.1 -
-		12.0		49.7 -
- 01° 18'	- 4.8	12.0	- 16.8	44.9 -

OBJECT

H.I. = 854.0

AZ.

STADIA

Lat Hub #2

To HUB #1

69° 27'

516 -

To HUB #3

240° 36'

667 -

G.E.

74° 35'

70'

"

259° 40'

55'

"

253° 30'

135'

"

229° 20'

180'

"

228° 30'

290'

228° 30'

410'

H.I. = 861.1

AT HUB #3

To " #2

60° 36'

668' -

To " #4

130° 17'

532' -

G.E.

51° 30'

590'

"

46° 25'

520'

"

38° 55'

352'

"

86° 15'

200'

"

90° 10'

270'

"

64° 45'

260'

"

83°

310'

"

94° 20'

285'

"

110° 40'

300'

"

117° 25'

220'

29 June 1953

FK
AM
LC
MMC
PM

7

DIST.

VERT.
ANGLEROD
EQUIV.

ROD

DIFF.

ELEV.

868.99

?

H.I. = 4.70

849.25

+1° 31'

+13.7

3.0

+10.7

64.7?

+0° 43'

+8.3

6.0

+2.3

56.3 -

3.2

50.8 -

6.9

47.1 -

8.2

45.8 -

7.7

46.3 -

8.1

45.9 -

7.1

46.9 -

H.I. = — 4.8

856.30

11.7

49.4 -

8.2

52.9 -

13.8

47.3 -

-0° 34'

-5.1

10.0

-15.1

46.0 -

13.1

48.0 -

-1° 10'

-4.1

10.0

-14.1

47.0 -

-1° 10'

-5.5

8.0

-13.5

47.6 -

-1° 00'

-4.5

10.0

-14.5

46.6 -

-1° 00'

-5.4

8.0

-13.4

47.7 -

-0° 51'

-4.2

10.0

-14.2

46.9 -

-0° 51'

-4.4

9.8

-14.2

46.9 -

-0° 30'

-1.9

12.0

-13.9

47.2 -

OBJECT

861.1

AZ.

STADIA

A at Hub #3

G.F

118°00' 330

"

134°40' 360

"

127°30' 360

"

140°15' 450

"

143°20' 540

"

155°05' 540

H.I. = 857.9

A at Hub #4

to Hub #3

910.17' 536 -

to Hub #5

173°52' 300' -

G.F

118°10' 135'

"

114°50' 180'

"

116°10' 230'

"

115°30' 275'

"

116°10' 325'

F.O

116°10' 390

H.I. = 902.9

A at Hub #5

to Hub #4

353°52' 300' -

Hub of Stadia

108°57' 32'

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV
-------	----------------	---------------	-----	-------	------

-0°30'	-2.9	10.5	-13.4	47.7 -
—		12.2		48.9 -
—		12.4		48.7 -
—		11.3		49.8 -
—		9.1		52.0 -
—		7.6		53.5 -

HI - 5.0

852.9

		1.5		56.4
+9°58'	+51.2	10.0	+41.2	99.1

+1°52'	+4.4	5.0	-0.6	57.3 -
+1°36'	+5.0	6.0	-1.0	56.9 -
+1°36'	+6.4	5.2	+1.2	59.1 -
+1°36'	+7.7	4.1	+3.6	61.5
+1°38'	+9.3	4.0	+5.3	63.2 -
+1°38'	+11.1	6.1	+5.0	62.9 -

HI - 3.8

899.1

-7°32'	-39.0	12.0	-51.0	51.9
+11°51'	+6.4	6.0	+0.4	903.3

OBJECT

AZ.

STADIA

FK
LC
DIST
RC
Je

VERT.
ANGLE

ROD
EQUIV.

June 22, 1956

ROD

DIFF.

ELEV.

1

Section #13
stadia

2 pages

Rec. 6/22/56
plotted.

At S.E. cor. Lot 4 Sarah's Outlots

To S.W. cor. Lot 4 270° —

P.P. $203^{\circ} 25'$ 160

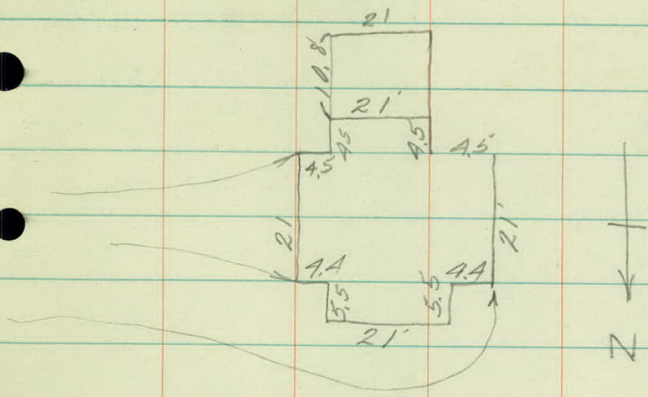
S.E. cor. E. Wing $196^{\circ} 05'$ 265

N.E. " " $197^{\circ} 40'$ 243

N.W. " W. " 204° — 257

P.P. $231^{\circ} 50'$ 239

DIST. VERT. ROD June 22, 1956 2
 ELEV. EQUIV. ROD DIFF. ELEV.



OBJECT

AZ.

STADIA

89° 34 1/2

89° 34 1/2

90° 19 1/2

653.27
Arch St.

33' 90° 25 1/2

89° 40 1/2

11461.8

Nail

628.11

628.66

629.26

St.

89° 04 1/2

306.59

89° 44

314.80

89° 47

653.04 1306.08

Dale

620.11

654.26

89° 47 1/2
33'

90° 06 1/2

Larpenieur
655.50

50'

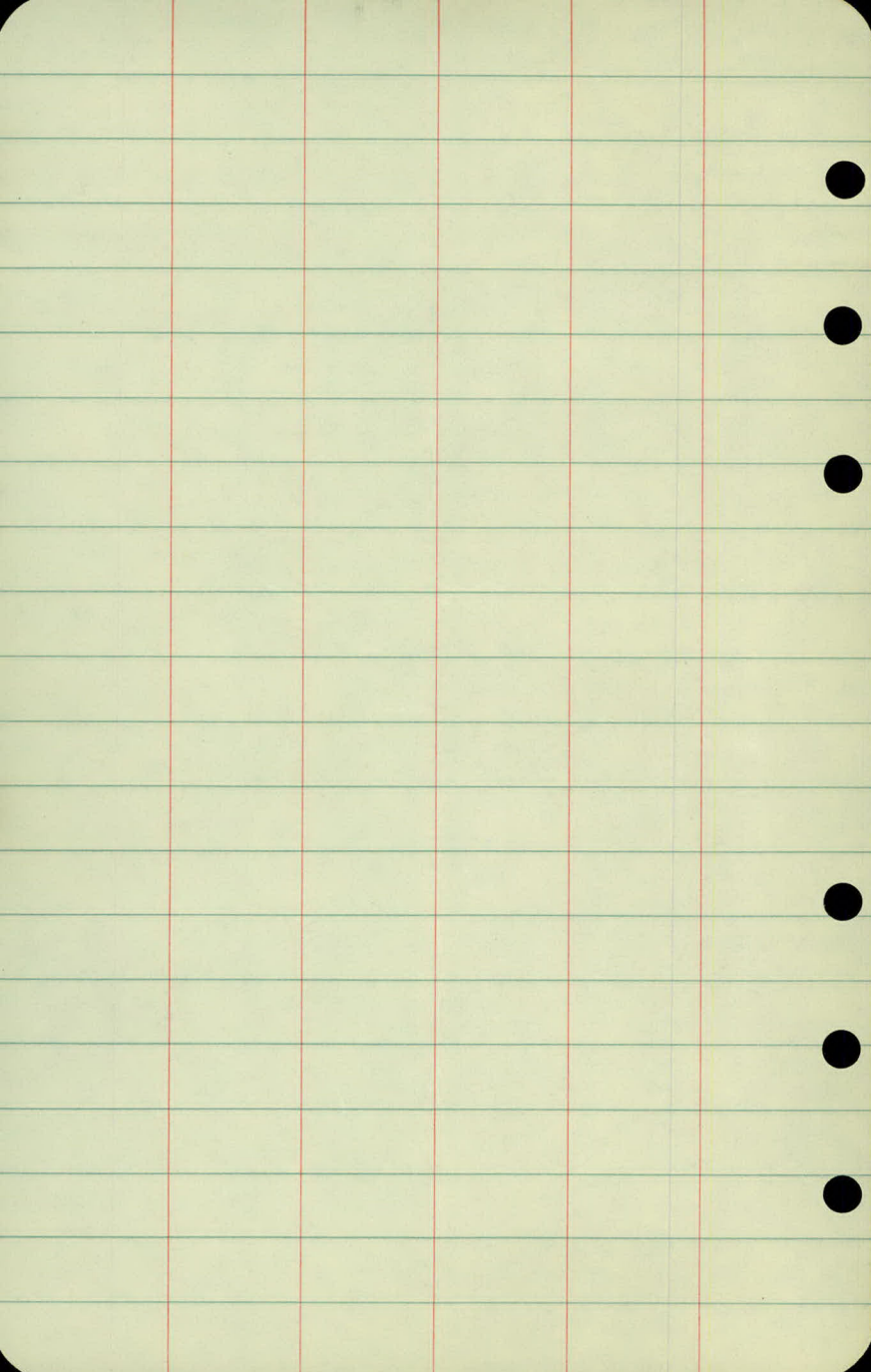


942116
11.74
930.37

1
~~KENT ST~~

~~Larpentour to Lone St~~

Profile



LA
RG
JD
McG

Sept 14, 1956
Clear Cool 60°

2

Alignment

Sta	Point	Δ Lt	Δ Rt
-----	-------	------	------

7+14.1	End		
--------	-----	--	--

6+54.1	P.O.T.		
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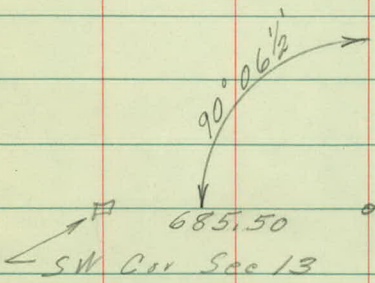
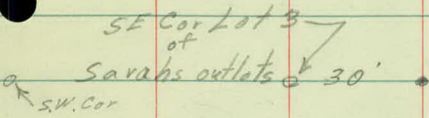
0+00	Sec Line		
------	----------	--	--

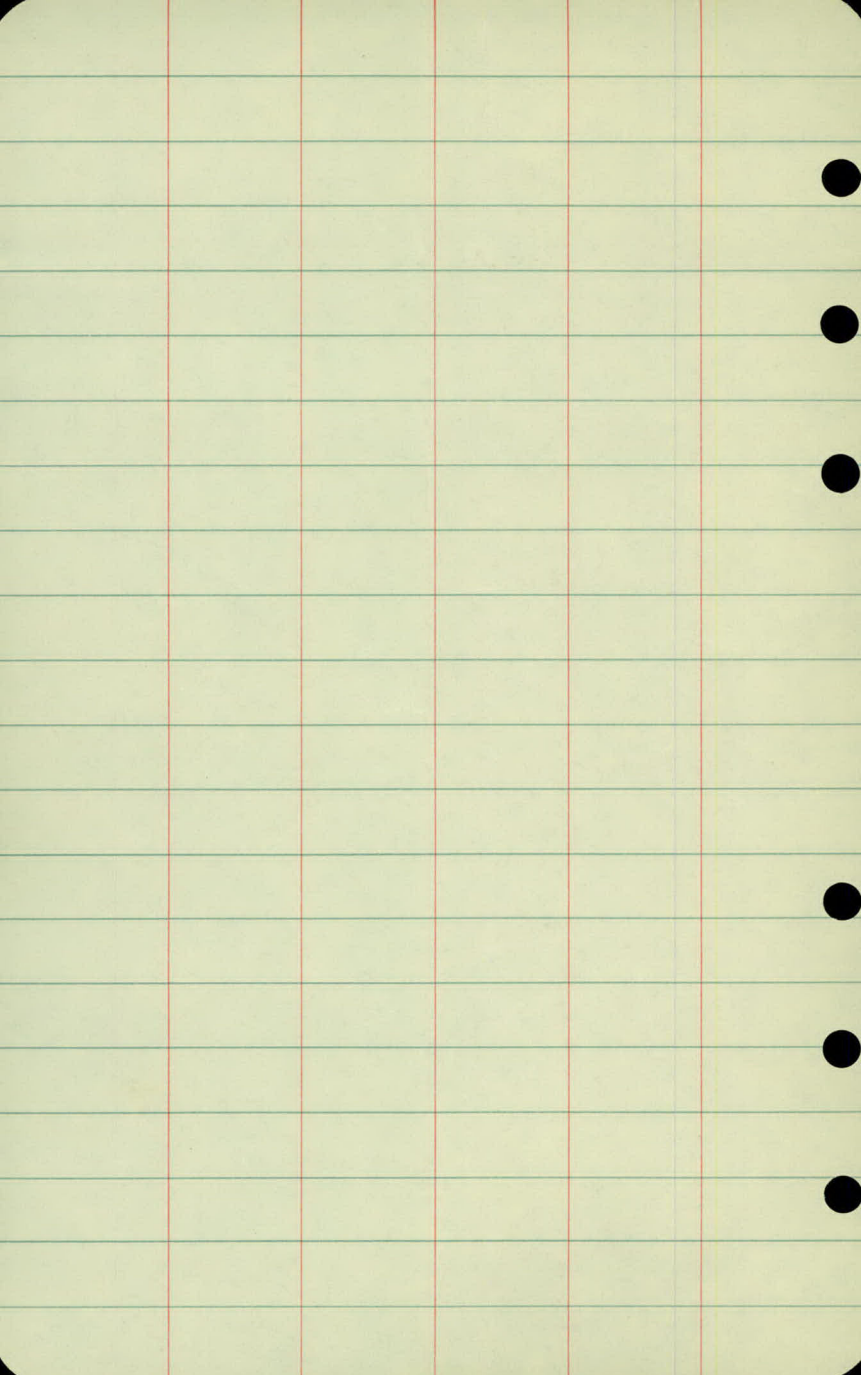
Sept 14, 1956

3

11

RT





Sept 14, 1956

4

X-section
&

Profiles

Note: A culvert is Required
at Sta 5+75[±] for Drainage
to the West.

Sta	+	π	-	Elev
BM	1.37	922.78		921.41
TP	4.39	921.41	5.76	917.02
BM	7.52	926.66	2.27	919.14

0+00 Sec. Line

+ 15

+ 33

+ 66

+ 73

Sept 14, 1956 5

Top Hyd SW Cor Larpenteur & Dale

Top Hyd S. Side Larpenteur 600' E. of Dale

14.77
11.89

14.5 15.11 14.09
12.2 11.55 12.57
Top 8' - 18' gutter
Conc curb
CB

19.3 19.8 16.2 15.9 15.8 15.3
7.4 6.9 10.5 10.8 10.9 11.4 ✓
38 26.4 17 20 40
End Fe Rd

22.0 22.3 18.9 18.9 20.9 21.9 23.2 23.8
4.7 4.4 7.8 7.8 6.3 4.8 3.5 2.9 ✓
40 29 14 6 7 20 32

22.8 21.42
3.9 5.24
Top B/Tip FL 15' CM
9.5 11.0

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

		926.66		
--	--	--------	--	--

1+00				
------	--	--	--	--

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

	7.52	919.14		
--	------	--------	--	--

Sept 14, 1956

6

Lt

RT

23.0

23.5

24.7

3.7

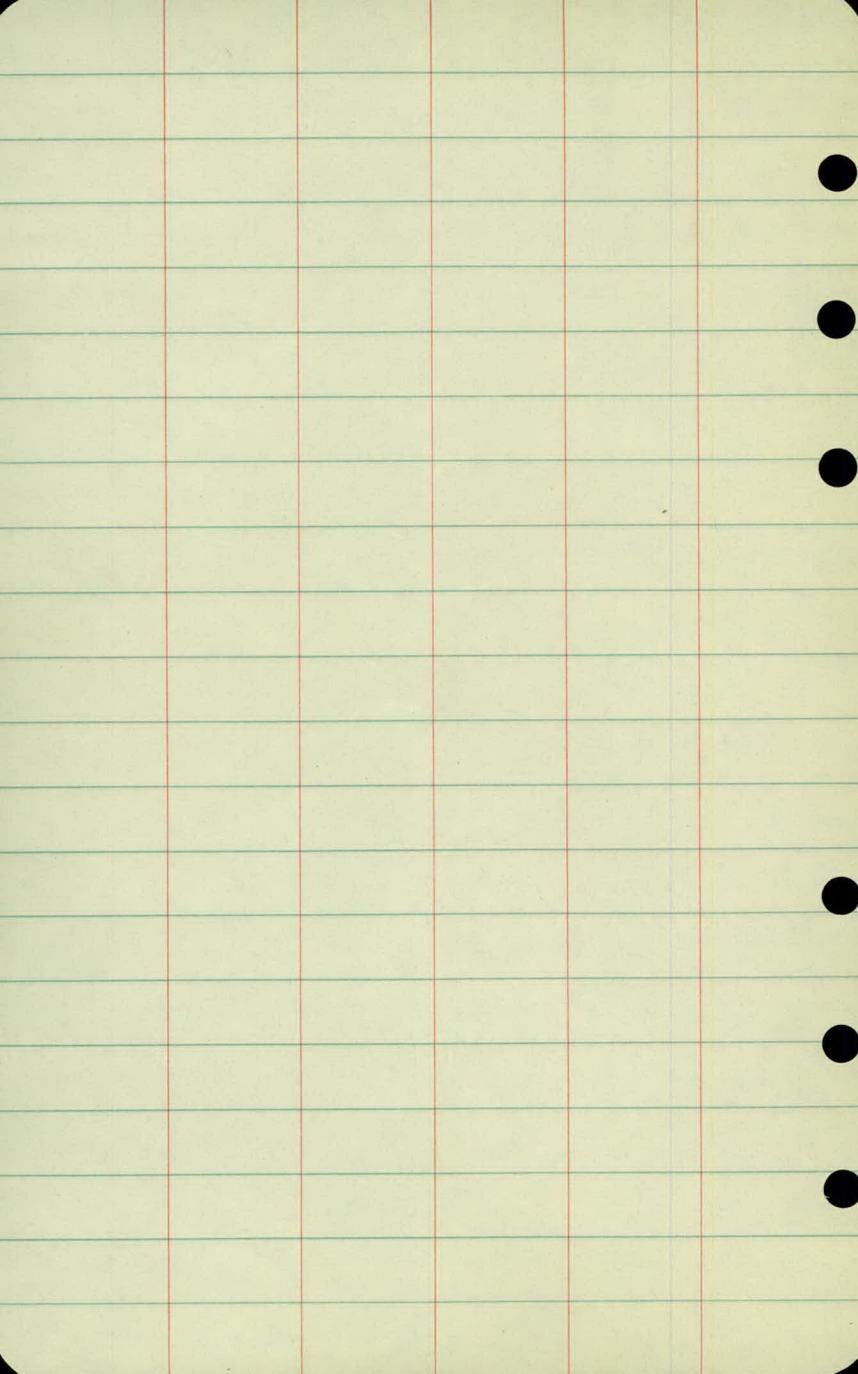
3.2

2.0

30

30

Top Hyd SS Carpenter 600' E. of Dale



Sept 18, 1956

7

Sta	+ 4	π	-	Elev
BM	7.58	926.72		919.14

0+15 Edge Roadway

+17

+27

+38

+43

+73

2 Sep 17, 1956 8

LT

RT

Top Hyd 5. Side, Larp. 600' E. of Pole

14.9	14.7	14.4	14.2	14.2	14.0
11.8	12.0	12.3	12.5	12.5	12.7
40	18		11	19	41

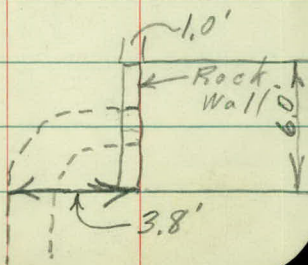
15.7	15.3	14.8	14.9	14.8	14.6	15.0	14.9	14.7
11.0	11.4	11.9	11.8	11.9	12.1	11.7	11.8	12.0
40	22	19	12		7	9	22	40

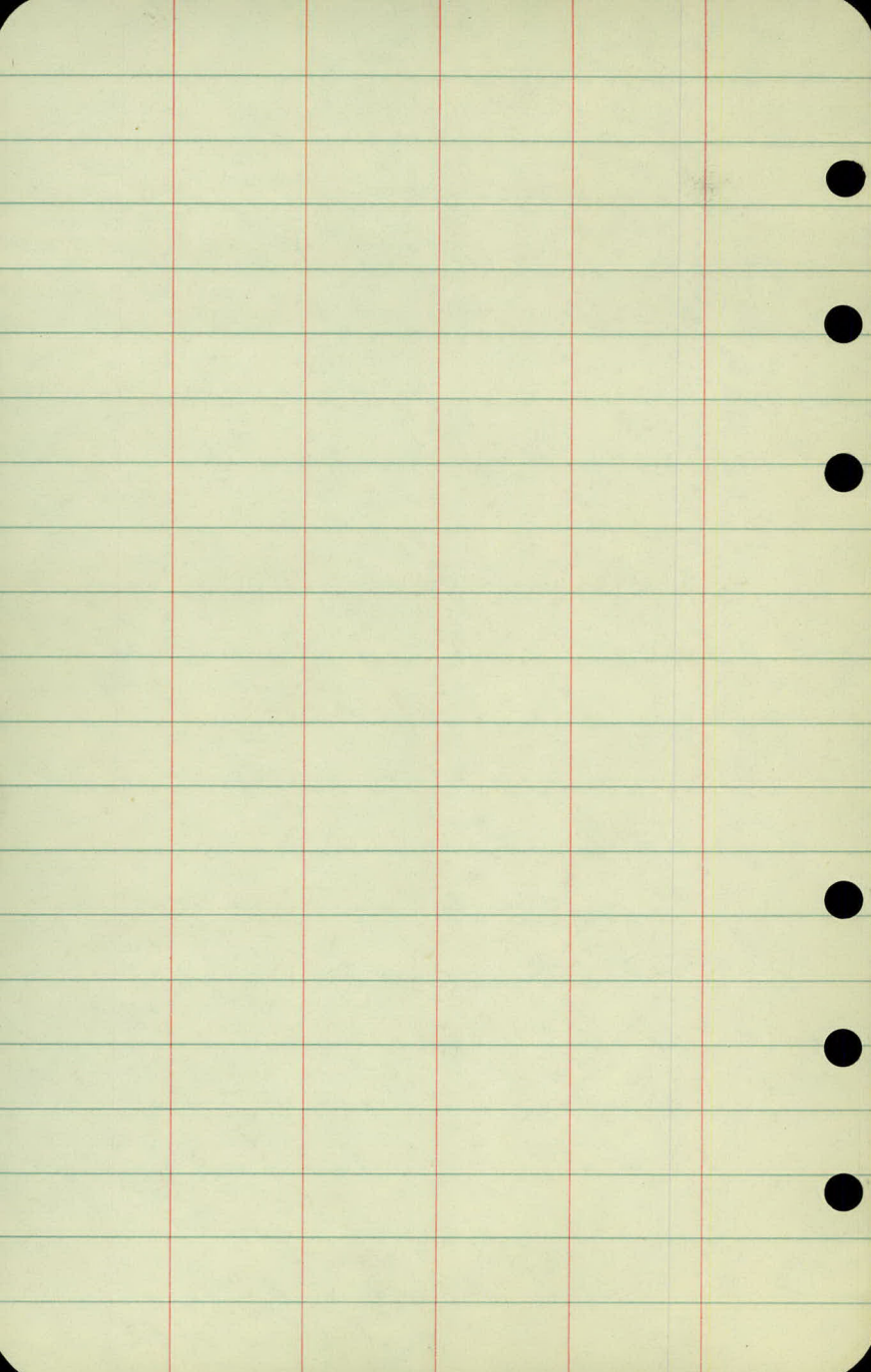
16.0	15.8	15.7	15.7	15.4	15.3	15.2	14.9
10.7	10.9	11.0	11.0	11.3	11.4	11.5	11.8
40	29	15	4		13	25	40

Tree
28

2.6	2.9	1.7	16.9	16.9	16.9	17.6	18.0	17.7	17.4
5.1	4.8	9.6	9.8	9.8	9.8	9.1	8.7	9.0	9.3 ✓
40	26	17	11	4		3	11	17	40

C.B.
10.5
RT





FK
RG
CW
RJ

DIST.

VERT.
ANGLE

ROD
EQUIV.

ROD

DIFF.

ELEV.

1

Jan 24, 1958

Test Hole Locations

Ramsey Co Property
Dale & Larpentour

2 pages

FK π
 RG ϕ
 CW $\uparrow$
 RJ $\downarrow$

Jan 24, 1958

OBJECT

AZ.

STADIA

π at SE Cor. Detention Home prop.

To NE " " " "

0°-00'

To Test Hole #1

95°30' 460'

To T.H. #2

79°30' 468'

To T.H. #3

65°55' 496'

To T.H. #4

54°03' 520'

To T.H. #5

42°12' 548'

To T.H. #6

29°18' 560'

To T.H. #7

29°28' 453'

To T.H. #8

47°15' 430'

π at T.H. #9

To T.H. #2

246'

To T.H. #3

152'

To T.H. #4

133'

DIST

ANGLE

ROD
EQUIV.Jan 24, 1958
ROD

DIFF.

ELEV.

2

246' 2

7°20'

9°38'

7°42'

OBJECT

AZ.

STADIA

DIST.

VERT.
ANGLE

ROD
EQUIV.

ROD

DIFF.

ELEV

/

Detention Home

Ent. Locations

10

~~5 pages~~

Rec. 10/10/57

OBJECT

AZ.

STADIA

OBJECT	AZ.	STADIA
BM 3.61	928.70	925.09
Floor Bldg	5.80	22.90
" "	5.76	22.94
At S.E. Cor Detention Property to N.E. Cor 0°00'		
N.E. Cor Bldg (Garage) 341°10' 263		
Edge Ent	343° -	260
" "	345°45'	263
" "	347°45'	270
" "	348°35'	280
" "	352°10'	275
" "	355°10'	273
" "	353°45'	213'
" "	353°10'	190'
" "	352°10'	168
" "	350°25'	135

FK VERT. DIST. WH ANGLE RW	ROD EQUIV.	ROD	DIFF. ELEV.	2
----------------------------------	---------------	-----	-------------	---

Top Hyd SE. Cor Detention Home Property

6.5	22.2
-----	------

6.9	21.8
-----	------

7.0	21.7
-----	------

7.2	21.5
-----	------

7.5	21.2
-----	------

7.6	21.1
-----	------

7.8	20.9
-----	------

8.1	20.6
-----	------

7.8	20.9
-----	------

7.8	20.9
-----	------

7.7	21.0
-----	------

OBJECT

AZ.

STADIA

928.70

Edge Ent	348°35'	112
" "	348°10'	106
" "	348°10'	99
" "	349°30'	93
" "	351°—	87
" "	356°10'	78
" "	2°50'	67
± Ent	76°—	31
" "	152°—	63
" "	164°30'	112'
Edge Ent	359°—	31
" "	346°40'	47
" "	338°25'	58
" "	330°40'	68
" "	320°50'	79
" "	310°15'	96
" "	306°—	111
" "	303°35'	143

DIST.

VERT.
ANGLEROD
EQUIV.

ROD

DIFF.

ELEV.

3

7.7 21.0

7.6 21.1

7.8 20.9

7.6 21.1

8.0 20.7

7.7 21.0

7.4 21.3

5.9 22.8

5.7 23.0

5.8 22.9

7.3 21.4

7.7 21.0

7.8 20.9

7.8 20.9

7.5 21.2

7.4 21.3

7.5 21.2

7.3 21.4

OBJECT

AZ.

STADIA

928.70

Edge Ent

305°25' 168

" "

309°30' 188

" "

315°45' 212

" "

320°10' 221

at Cor Canopy

325°10" 228

" " "

334°35' 251

Cor Garage

338°— 243

Cor Bldg

321°20' 234

S.E. Cor Bldg

302°40' 263

Surface Drain

333°— 144

Edge Ent (Inside)

326°45' 104

" "

320°20' 115

" "

316°40' 123

" "

315°50' 130'

" "

317°40' 137

" "

320°25' 139

" "

321°30' 152'

DIST.

VERT.
ANGLEROD
EQUIV

ROD

0018, 1957
DIFF. ELEV 4

7.2 21.5

7.0 21.7

7.5 21.2

7.2 21.5

6.5 22.2

6.4 22.3

6.9 21.8

6.7 22.0

7.4 21.3

7.5 21.2

7.0 21.7

7.0 21.7

7.3 21.4

7.5 21.2

7.2 21.4

7.2 21.5

OBJECT

AZ.

STADIA

928.70

Edge Ent

322°20' 160

" "

323°40' 174

" "

320°25' 175

" "

319°20' 183

" "

320°35' 191

" "

328°25' 206

" "

331°30' 211

" "

337°40' 212

" "

340°50' 203

" "

344°— 190'

" "

343°50' 172

" "

340°25' 141

" "

334°05' 108

Oct 8, 1957

DIST.	VER. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
-------	---------------	---------------	-----	-------	-------

			7.3	21.4	.
--	--	--	-----	------	---

			7.6	21.1	.
--	--	--	-----	------	---

			7.5	21.2	.
--	--	--	-----	------	---

			7.5	21.2	.
--	--	--	-----	------	---

			7.5	21.2	.
--	--	--	-----	------	---

			7.4	21.3	.
--	--	--	-----	------	---

			7.2	21.5	.
--	--	--	-----	------	---

			7.3	21.4	.
--	--	--	-----	------	---

			7.4	21.3	.
--	--	--	-----	------	---

			7.4	21.3	.
--	--	--	-----	------	---

			7.3	21.4	.
--	--	--	-----	------	---

			7.4	21.3	.
--	--	--	-----	------	---

			7.4	21.3	.
--	--	--	-----	------	---

OBJECT

AZ.

STADIA

May 9, 1958

6

Detention Home

Stadia Locations

Object Az. Station
BM ⁺ 3.00 ^{HI.} 928.09 (925.09)

Tat S.E. Cor Lot 3

NE Cor Garage 341°10'

SE Cor Bldg 302°40'

SOD 340°40'165

" 341°00'178

" 339°20'189

" 337°10'198

" 334°20'202

" 331°15'202

" 328°00'199

" 325°10'193

" 322°40'184

" 321°00'173

" 319°45'161

" 319°55'146

" 320°05'136

" 320°35'125

Vert Rod May 9, 1958
Angle Equiv. Rod Diff Elev 7

Tap Hyd SE Co Retention Property

6.2 21.9 .

6.3 21.8 .

6.4 21.7 .

6.2 21.9 .

6.1 22.0 .

6.2 21.9 .

6.3 21.8 .

6.2 21.9 .

6.2 21.9 .

6.4 21.7 .

6.6 21.5 .

6.3 21.8 .

6.2 21.9 .

6.2 21.9 .

object

AZ station

H1 928.09

Sod	323°15' 112
"	328°55' 107
"	334°20' 111
"	336°10' 122
"	337°35' 134
"	338°55' 143
"	339°50' 155
"	340°50' 165
catch basin	333°20' 143
El CB	" "
drain in walk	306°45' 223
end walk	311°25' 200
edge drive	309°20' 190
"	307°30' 180
"	306°05' 168
corner Sod	303°30' 154

vert rod May 9, 1958 8
angle equiv rod diff Elev

6.4 21.7

6.5 21.6

6.6 21.5

6.6 21.5

6.5 21.6

6.5 21.6

6.4 21.7

6.2 21.9

8.25 19.85

11.55 16.54

11.1 17.0

6.50 21.59

7.1 21.0

7.3 20.8

7.3 20.8

6.8 21.3

object

AZ station

H1 928.09

edge
drive

314°50' 208

"

318°05' 214

"

321°40' 220

corner
conc walk
under canopy
edge
walk

324°43' 226

328°30' 231

"

330°48' 234

"

332°54' 240

corner of walk

at corner of canopy

corner of walk

334°32' 248

at corner of garage

base of west

338°05' 236

end Louver fence

338°40' 239

base of fence

post

340°40' 273

"

342°45' 228

"

344°55' 224

"

347°00' 218

end base of

fence

349°05' 212

end of walk

348°16' 278

Surface drain

342°40' 274

Vert rod May 9, 1958 9
angle equiv rod diff elev

6.8 21.3 .

6.5 21.6 .

6.3 21.8 .

5.45 22.64 .

5.40 22.69 .

5.40 22.69 .

5.42 22.67 .

5.43 22.66 .

5.40 22.69 .

6.05 22.04 .

6.07 22.02 .

6.05 22.04 .

6.05 22.04 .

6.03 22.06 .

6.03 22.06 .

6.5 21.6 .

7.1 21.0 .

object

Az

stadia

HI 928.09

FL drain corner of apron at garage ent.	342°40'	274
corner of walk at parent.	339°10'	244
NE cor of apron	339°12'	244
corner of sod	341°24'	261
edge of sod	343°25'	258
"	345°30'	270
"	347°30'	278
"	348°50'	292
"	349°37'	303
"	351°00'	319
"	349°35'	334
"	347°55'	344
MH	351°30'	294

MH

F.L.

vert rod May 9, 1958 10
angle equiv rod diff elev

11.9 16.2 .

5.9 22.2 .

5.4 22.7 .

6.9 21.2 .

6.3 21.8 .

6.3 21.8 .

6.5 21.6 .

6.6 21.5 .

6.8 21.3 .

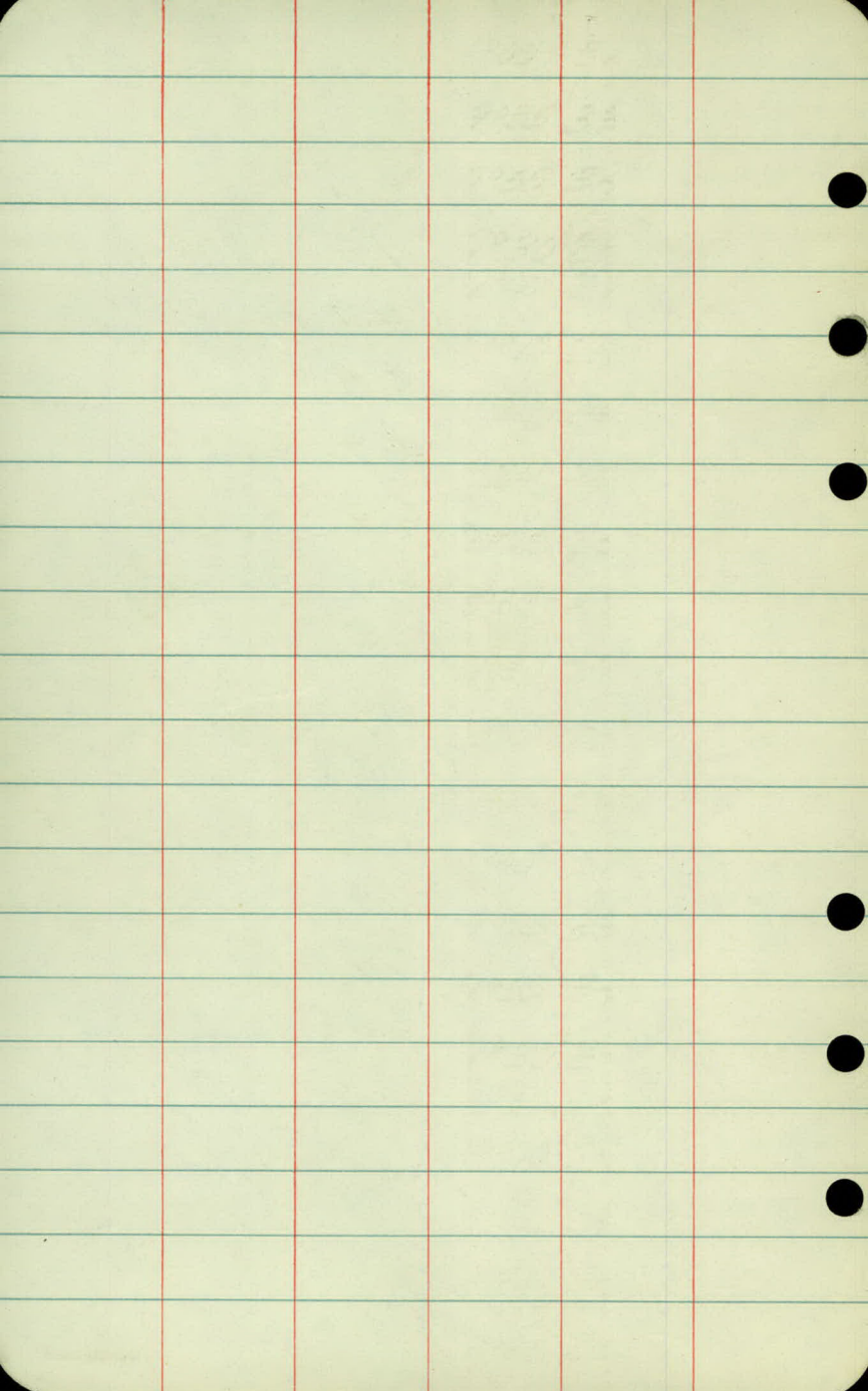
7.0 21.1 .

7.4 20.7 .

7.7 20.4 .

6.54 21.55 .

24.5 03.59 .



FK
HP
AB

June 4, 1958

1

Detention Home

Entrance Elevations

3 Pages

Plotted 8-1-58

Sta + π - Elev

BM 0.67 925.76

925.09

4.21

4.8

4.6

4.9

4.2

4.7

4.5

4.7

4.3 21.5

June 4, 1958

2

Top Hyd S.E. Cor Detention Home Property

± Ent on E property Line

50' W + 50' N of S.E. Cor of Detention Prop

100' " " " " " " " " " "

150' " + 50' N " " " " " "

± Ent South of Grass Island Surface Drain

at Y in Ent

± Ent East of Grass Island Surface Drain

± Ent North of Grass Island Surface Drain

E. End Fe

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

		925.76		
--	--	--------	--	--

			4.8	20.0
--	--	--	-----	------

			3.6	
--	--	--	-----	--

			3.9	
--	--	--	-----	--

			4.0	
--	--	--	-----	--

			4.6	
--	--	--	-----	--

			4.5	
--	--	--	-----	--

			4.6	
--	--	--	-----	--

			4.28	921.48
--	--	--	------	--------

			4.69	
--	--	--	------	--

			5.00	
--	--	--	------	--

June 4, 1958

3

15' E of East End of Fe

Ground S.E. Cor Garage Walk

Ground at S.E. Cor Canope

± Ent " " " " "

± Ent Between South Walk & Surface Dr

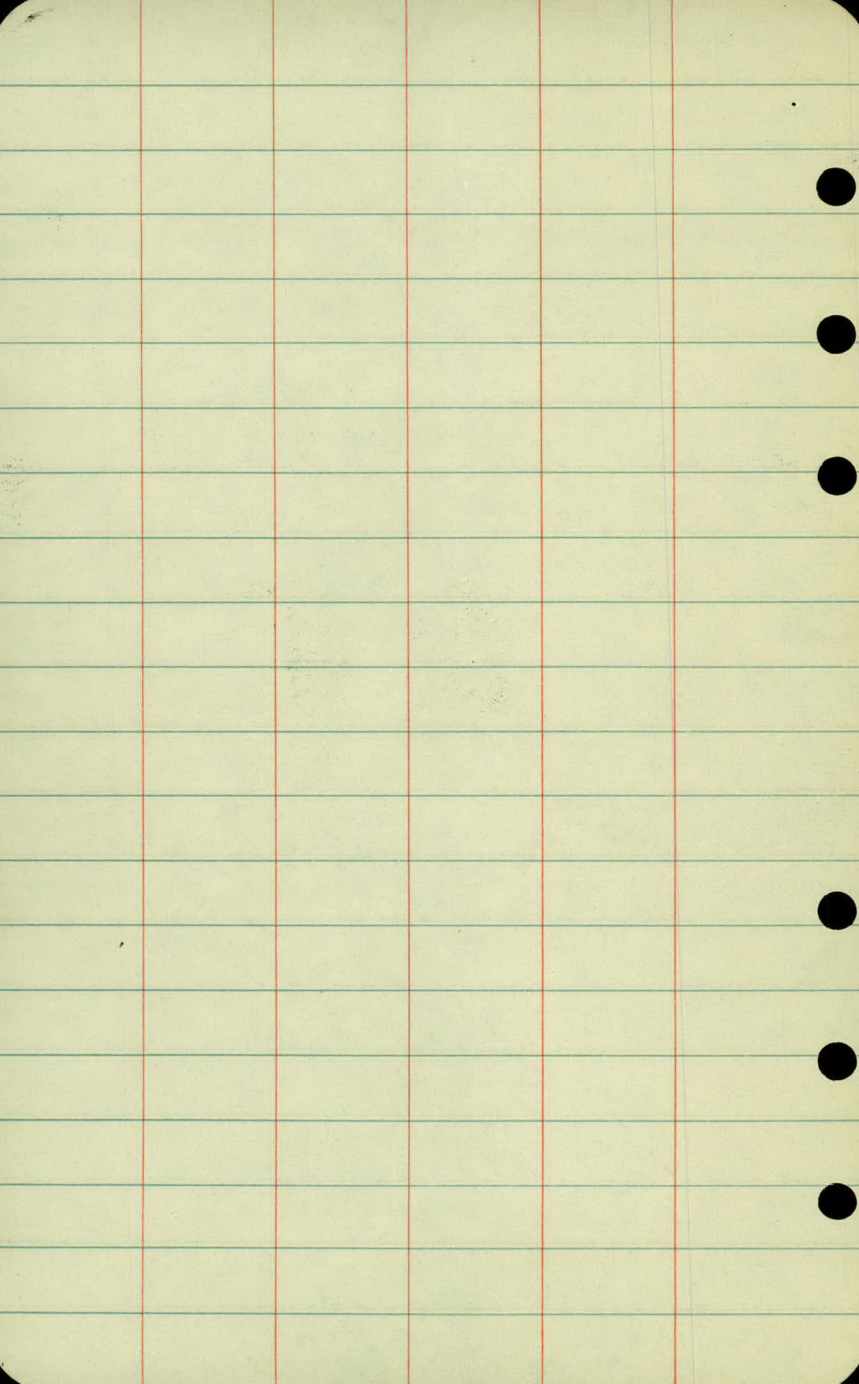
in Line With North Edge of Garage North of
East End of Fe

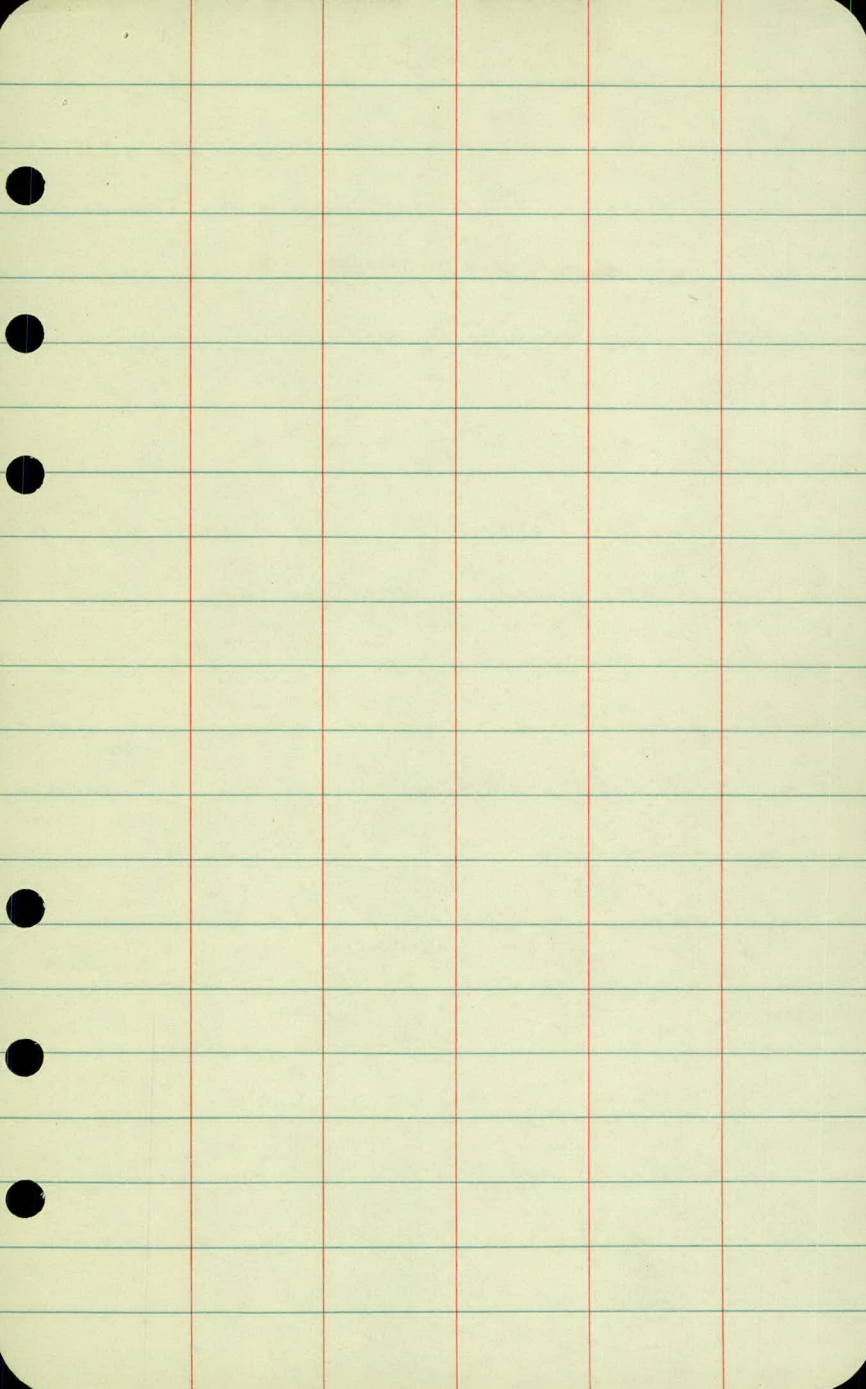
30' East of North Walk

Top M.H. N. East of Garage

15' East of M.H.

25' North of M.H.





B. M.

Along E Line
to S.E. Cor. Prow
at end fence
at fence
beg. fence

E and end walk 4' wide

E ditch
top low edge island

"

"

"

900 elev.

E road

" "

Az.	Dist	Pod	Elev
Top Hyd.	925.75	0.66	925.09

122'

335°-	87	4.2	27.6
-------	----	-----	------

328°	109 2	4.3	27.5
------	---------------------	-----	------

319°	132	3.7	22.1
------	-----	-----	------

335°30'	141	4.0	27.8
---------	-----	-----	------

339°-	157	4.2	27.6
-------	-----	-----	------

341°-	155	4.4	27.4
-------	-----	-----	------

356°-	157	5.1	20.7
-------	-----	-----	------

278°-	50	4.1	27.7
-------	----	-----	------

307°	99	3.8	22.0
------	----	-----	------

277°-	110	4.1	27.7
-------	-----	-----	------

244°30'	73	4.0	27.8
---------	----	-----	------

233°-	147	4.6	27.2
-------	-----	-----	------

239°-	177	5.2	20.6
-------	-----	-----	------

249°30'	237	7.6	18.2
---------	-----	-----	------

250°-	80	4.4	27.4
-------	----	-----	------

239°-	36	4.7	27.1
-------	----	-----	------

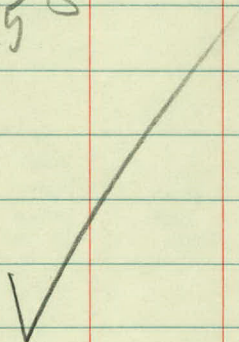
£ road

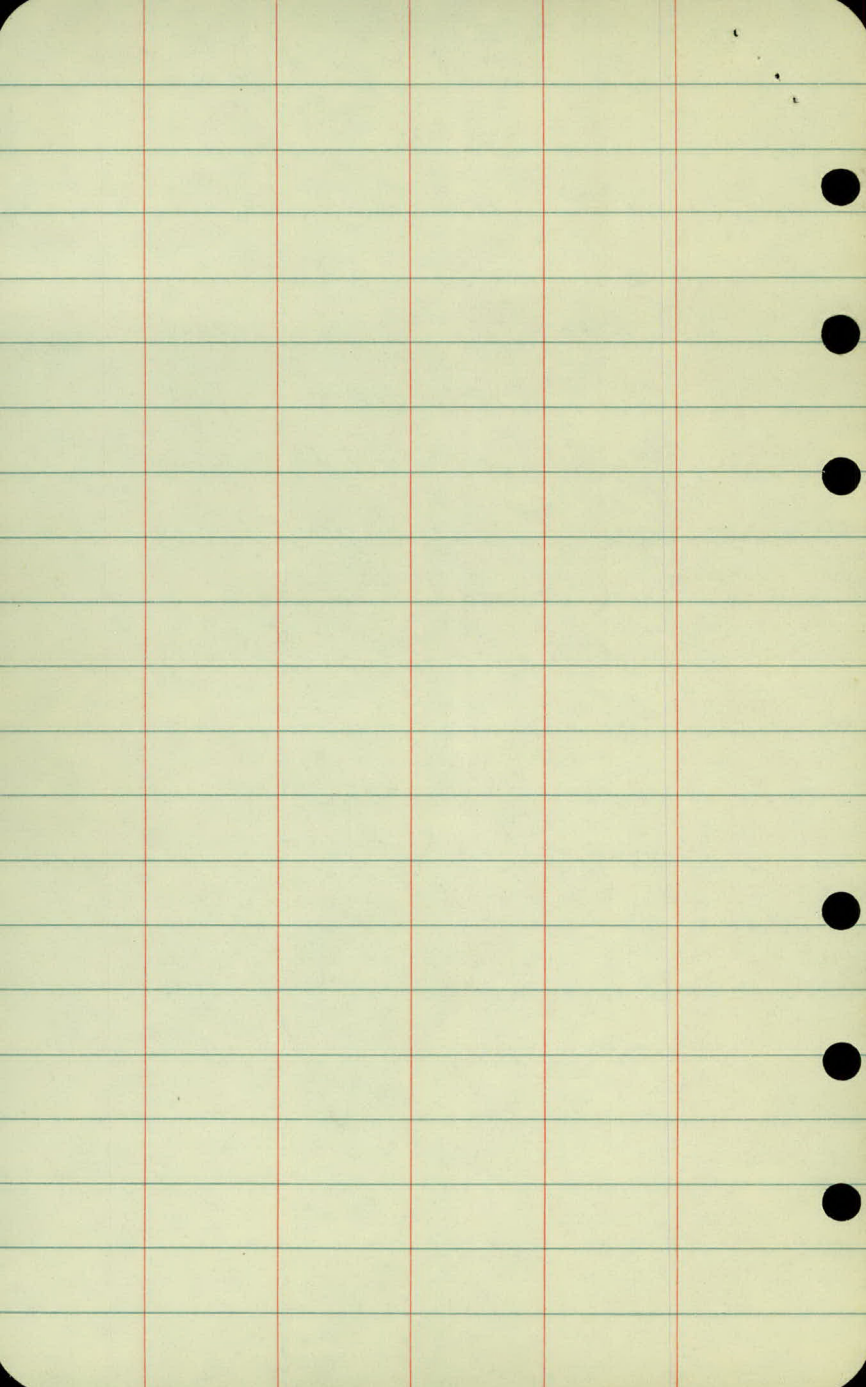
H3 Dist Rod Elev.

H.I. = 26.75

343°-	44	44	21.4 .
321°.	83	4.5	21.3 .
305°30'	125	3.9	21.9 .
280°-	130	44	21.4 .
251°30'	107	4.2	21.6 .

Plotted
8-1-58





FK
RL
RR
DF

July 13, 1959
Fair 83°

1

Detention Home
+

Kent St

Black Top Area

Width Kent St = 30.4'

PCC. 7/13/59

Plotted 7/15/59

1 obj AZ station

At S.E. Cor of
Detention Property

to N.E. Cor. Do. 0°00'

Begin Curb

75° 16' ✓

50° 17½' ✓

23°30' 18½' ✓

352°40' 21' ✓

320°41' 29' ✓

306°30' 43' ✓

297°31' 63' ✓

293° - 83' ✓

291°10' 95' ✓

290°50' 101' ✓

291° - 108' ✓

291°15' 115' ✓

End of Curb 291°30' 126' ✓

Cor " Black Top 291°40' 133' ✓

" " " 302°05' 145' ✓

AND
concrete curb

July 13, 1959

2

OBS.

AZ

STADIA

EDGE of Blacktop	90° 00"	15 1/2'	✓
" " "	90° 00"	44 1/2'	✓
	70° 55"	45'	✓
	58° 00"	46'	✓
Begin of Blacktop Curb	52° 50"	46 1/2'	✓
Curb	36° 45"	50'	✓
	21° 30"	58'	✓
	11° 30"	68'	✓
	4° 30"	81'	✓
	1° 20"	92'	✓
	0° 00"	101'	✓
	359° 20"	110'	✓
	359° 20"	147'	✓
End of Curb	359° 25"	273'	✓
Cor. of Blacktop	359° 25"	278'	✓
Cor. of Blacktop AND Concrete Curb	359° 15"	282'	✓

30.5

30.3

.3

.2

.3

.5

.6

2.7

Average Width Kent St
= 30.4