

Dr. 12 A BK. 47

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Profile

Survey

Odd Fellows Parking Lot

1946

Maplewood Covenant Church

"

~~Cross Luth. Church~~

11

From

To

Road Acc't. No.

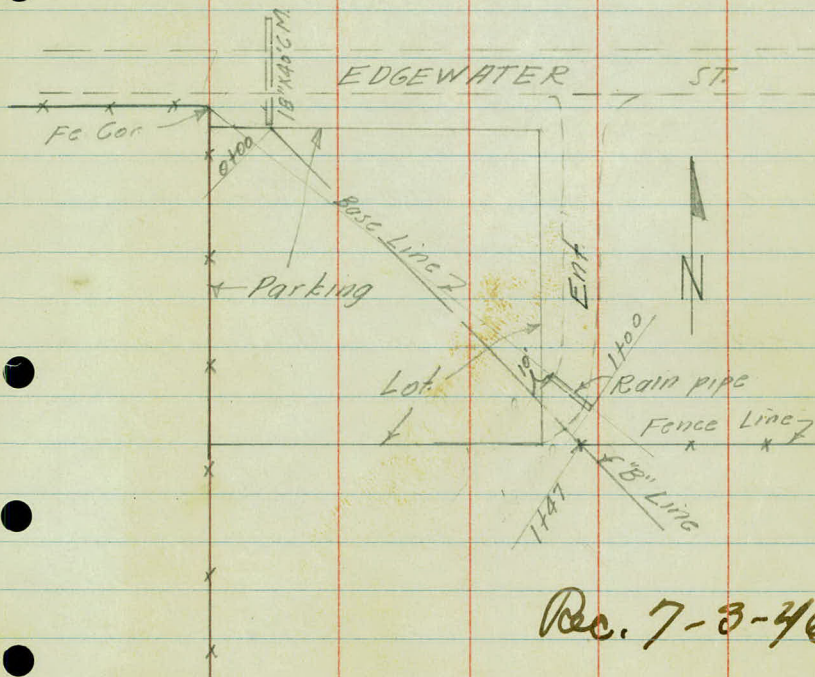
Date Filed 10-8-46

File

7/3/46

1

Levels of Odd Fellows Parking Lot



Rec. 7-3-46

Sta.	+	π	-	Elev
B.M.	5.41	105.41		100.00

0	+50		0.3	105.1
---	-----	--	-----	-------

	+92		4.7	100.7
--	-----	--	-----	-------

	+98		6.2	99.2
--	-----	--	-----	------

1	+00		7.2	98.2
---	-----	--	-----	------

	+02		6.3	99.1
--	-----	--	-----	------

	+11		6.8	98.6
--	-----	--	-----	------

	+18		8.2	97.2
--	-----	--	-----	------

	+23		10.4	95.0
--	-----	--	------	------

7-3-46
K.A.
M.B.
C.F.

2

Lt

Q

Rt

Spt. in Cor. F.P.

F.L. East end of rain pipe

F.L. West end rain pipe

Edge of parking lot

sto.	+	π 10541 ✓	-	E/CV
------	---	------------------	---	------

1	+50			93.8
---	-----	--	--	------

2				92.5
---	--	--	--	------

+22	FL. 18°C.M. 40' long			91.7
-----	----------------------	--	--	------

+28			13.9	91.5
-----	--	--	------	------

+52			6.2	99.2
-----	--	--	-----	------

Lt

E

St.

93.5	93.7	93.8	94.6
119	117	116	108
37	16	16	

Cor. Parking lot

92.1	92.1	92.3	92.5	92.9
127	133	131	129	125
77	50	22	18	

Edge parking lot

91.8	91.7	91.2
136	137	142
38	117 x 6'	

147
117 x 10.5' and 13" C. 147

Edge of parking lot

Ground of Car Fe. Post

B" Line

Sta	+	π 10541	-	Elev
0	+00	S. End 18" C.M. X Drain	142	91.2
	+03		137	91.7
	+50		123	93.1
1			10.1	95.3
	+06		86	96.8
	+17		6.9	98.5
	+23		6.6	98.8
	+38		5.6	99.8
	+47		3.7	01.9
	+66		2.5	02.9
	+90		+22	07.6

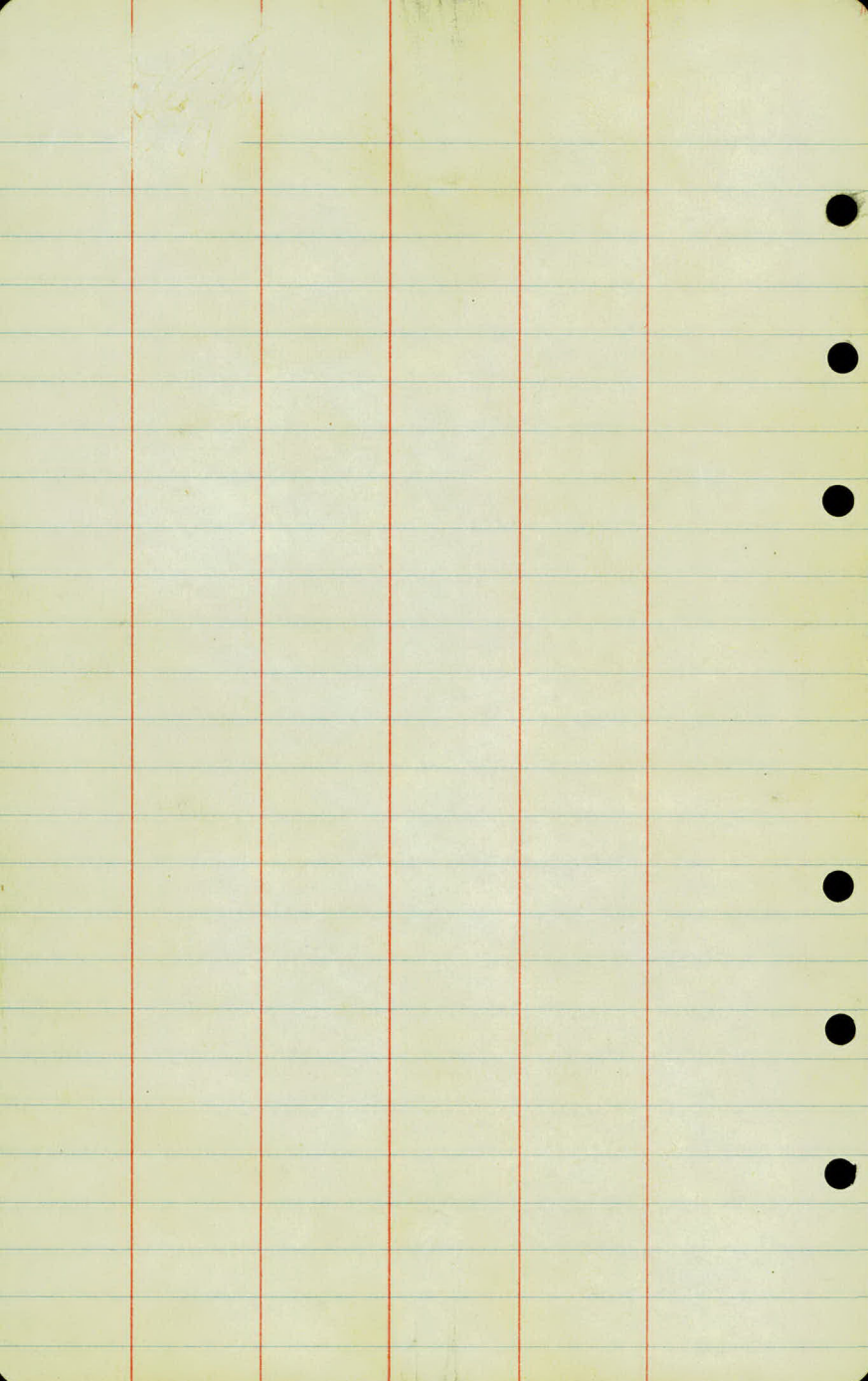
Lt.

E

Et.

Edge of road.

at Fence post



5/29/46

X Sections of Homeland Add.

Lots 1-2-3-4-5

3-Pages

Sta	+	π	-	Elev
B.M.	9.61	940.20		930.59

S. Line Lot 4

Ctr. Lot 4

Between Lots 3 & 4

Ctr. Lot 3

Between Lots 2 & 3

Ctr. Lot 2

Between Lots 2 & 1

Ctr. Lot 1

3-29-46

K.A.
A.M.
M.B.
G.F.

W. Line
Lot 5

Get elev in office

U.S.G.S. B.M. C31 in school yard apt "C"
and White Bear Ave.

2
White
Bear
Ave.

16.3	17.2	20.0	22.7	23.2	23.9	27.1	27.2	27.3
239	230	202	175	170	163	131	130	1285
100	150	200	254	281	290	293		303

17.4	18.3	20.2	22.4	23.1	27.1	24.5	25.1	24.3	24.5	27.0	27.1	27.2
228	219	200	178	171	131	157	151	159	157	132	1313	13.03
311	300	250	200	150	100	50	29	25	22	14	102	

21.6	25.3	29.8	32.5	33.1	28.9	28.0	26.5	27.0	25.2	25.4	27.1	27.0	27.1
186	149	104	77	71	113	122	137	132	150	148	131	1317	1305
66	100	115	142	200	244	268	290	294	299	303	307	3175	

29.4	30.4	33.0	34.1	31.7	29.6	28.0	30.0	28.9	28.0	27.2	25.9	27.0	27.0	27.1
108	98	72	61	85	106	122	102	113	122	130	143	132	1322	1311
325	300	246	213	174	150	112	80	50	32	24	18	14	101	

29.5	28.4	26.1	25.8	25.8	32.4	32.3	30.7	27.9	26.1	27.2	27.0	27.1
107	118	141	144	144	78	79	95	123	141	130	13.17	1310
50	100	150	175	230	260	285	292	314	318	323		333

23.2	21.7	20.1	21.7	25.9	30.6	35.5	35.2	34.1	27.2	27.0	26.4	27.1	27.1	27.1
170	185	201	185	143	96	47	50	61	130	132	138	131	1313	1305
340	300	250	200	140	191	94	75	51	41	21	18	15	101	

22.6 = Low Point

203	202	196	193	21.7	24.3	31.0	33.8	36.9	32.2	26.9	26.6	25.8	27.1	27.1	27.1
199	200	206	209	185	159	9.2	14	33	8.0	133	136	144	131	1312	1305
17	50	100	125	158	200	250	275	299	307	328	331	335	339		

23.1	23.8	20.7	23.4	27.2	33.9	35.0	31.7	30.9	29.0	26.5	26.1	25.6	26.8	27.0	27.1
171	164	195	168	130	63	52	85	93	112	137	135	146	134	1316	1300
354	336	245	229	200	150	125	89	65	50	43	22	20	16	101	

Sta + π - Elev

N. Line of Lot 1

B.M.

9.60

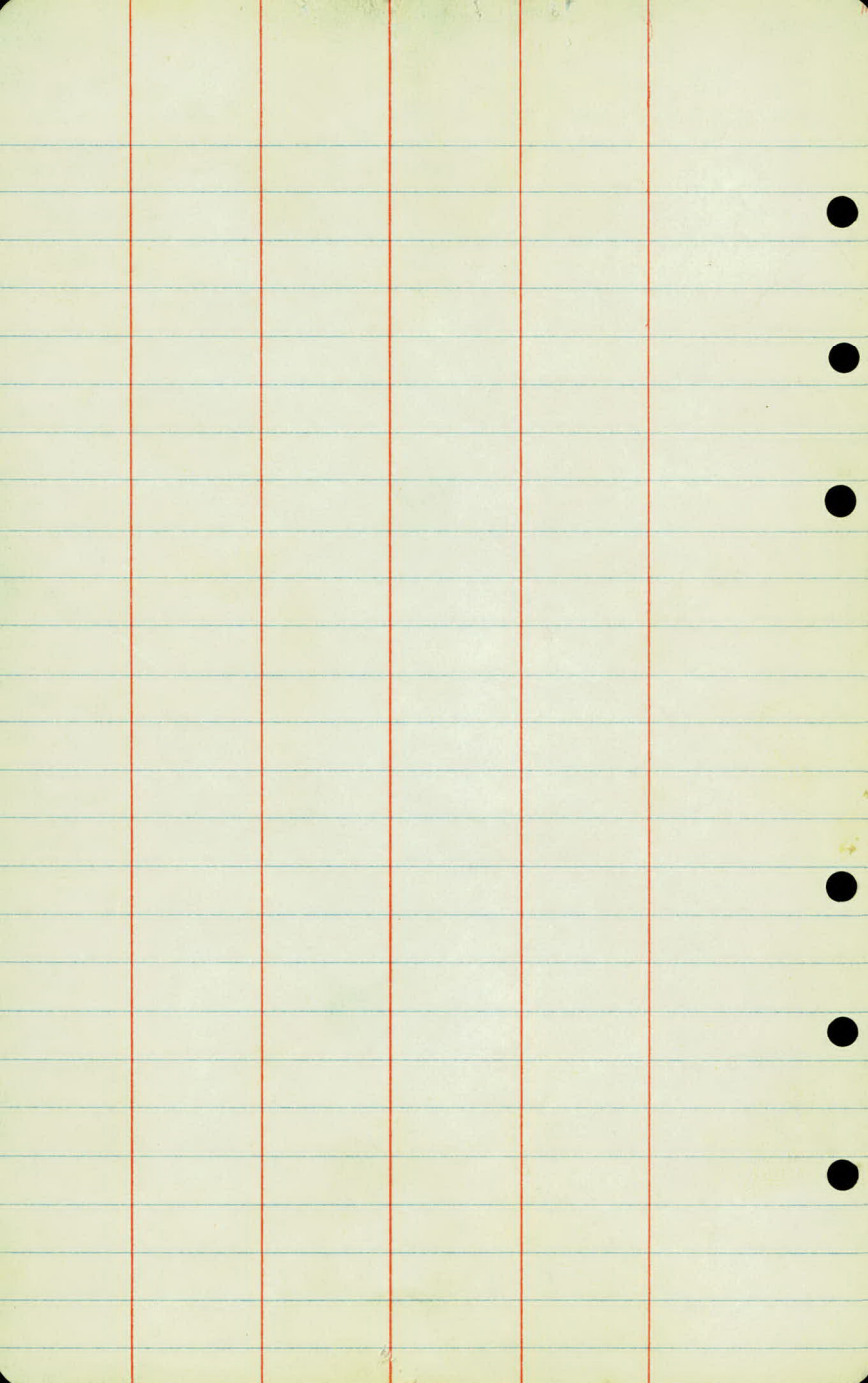
930.60

930.59

W Line Lots

White
Bear Ave

18.3	22.9	23.2	24.0	27.1	28.9	27.0	26.0	25.3	26.1	27.2	26.7	27.1	27.2
21.9	173	170	162	131	113	132	142	149	141	130	135	1313	1302
362	315	300	260	224	200	150	100	50	29	21	16	10+	

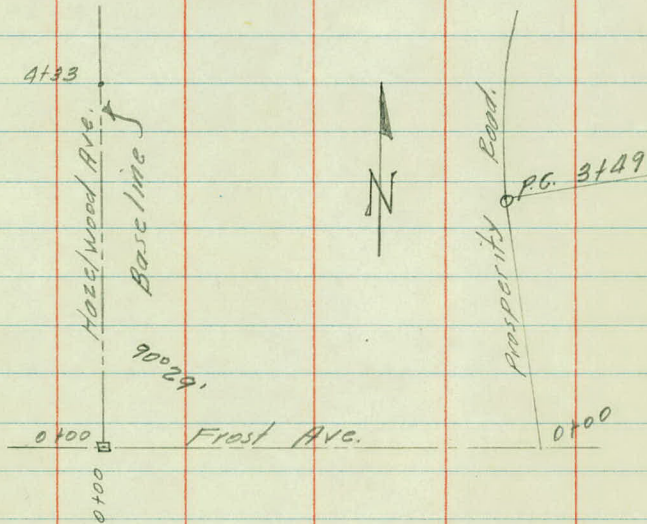


9/10/46

Survey of Cross Lutheran Church Prop.

Frost Ave.

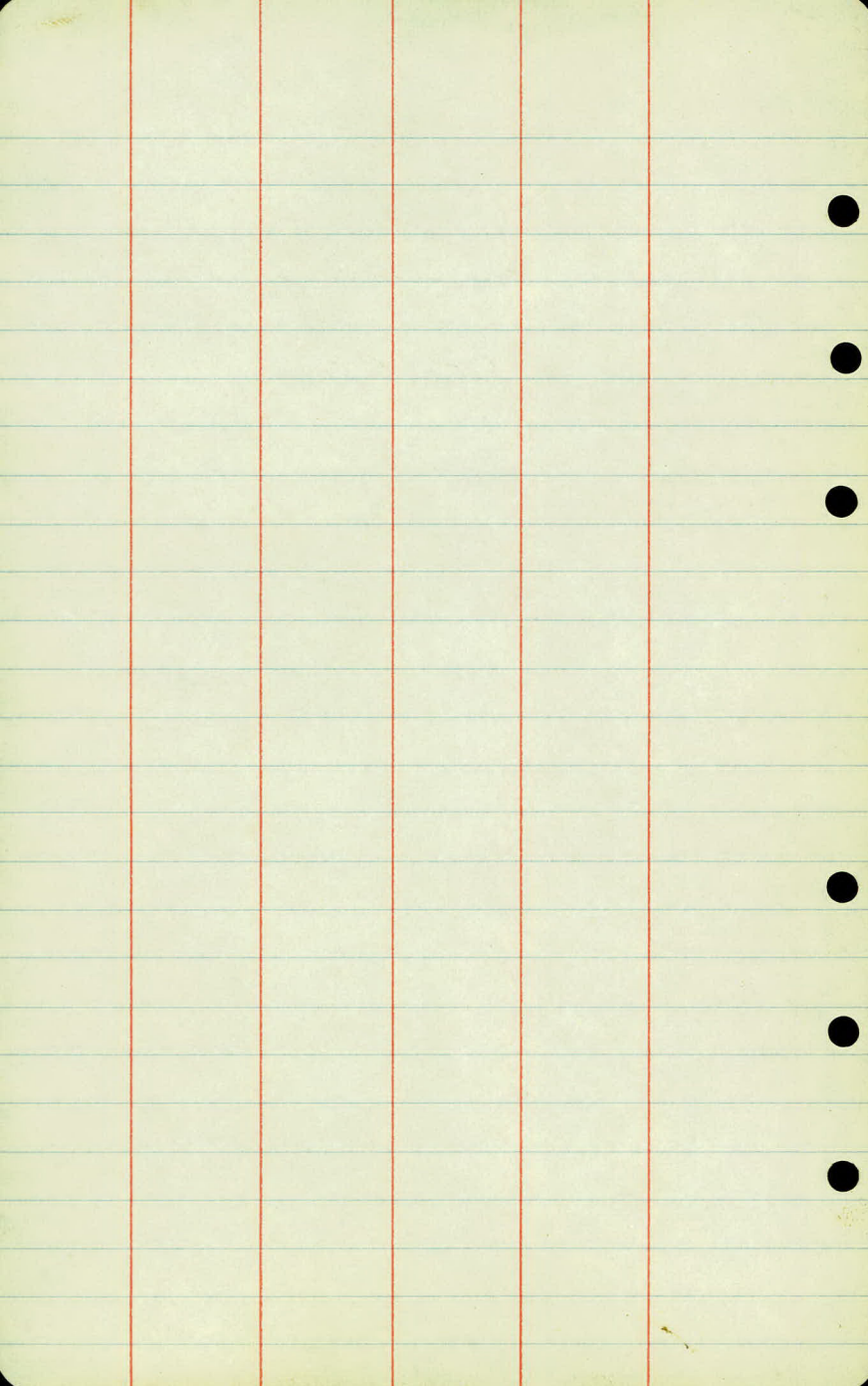
Hardwood Ave. to Prosperity Rd.



Topog.	1-4
Bench Levels	5-6
X Sections	6-12

9-11-46

Drawn up
9/46



1
Topography

Frost Ave.

Hazelwood to Prosperity Rd
and
Hazelwood Ave

4 +06 Cor Bl Top - 47'

+75 Bl Top - 29'

+57 Bl Top - 27'

+36 & 12" Wide Walk - 29' $\frac{12 \times 12 \text{ CM}}{25}$

3 +14 End 6" Drain Tile - 28'
Bl Top - 26'

+95 S.W. Cor. Church - 103'

+79 End 15" CM - 25'

+61 4 Elms - 80-60'

+50 2" X 8" Plank Refrain Wall 25-126'

+51 End 15" CM - 31'

+50 Beg. Bl Top - 20'

2 +09 24" S.C. X Drain - - 90-52'

+85 Brush - 26-50'

+50 Brush - 26-40'

+27 18" Oak - 80'

+15 8" Tw. Oak - 64'

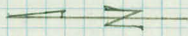
+15 11 5'

+20 End 15" CM - 23'

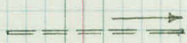
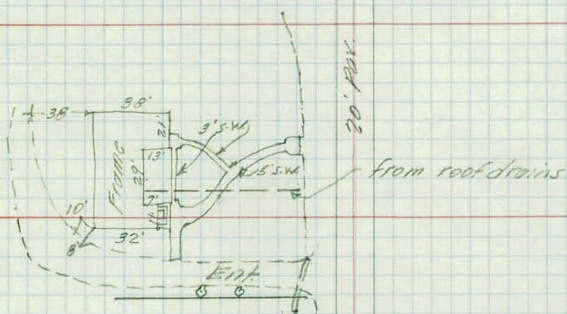
0+00 = 6 Hardwood

9-10-46

K.H.
M.B.



Prosperity Rd.

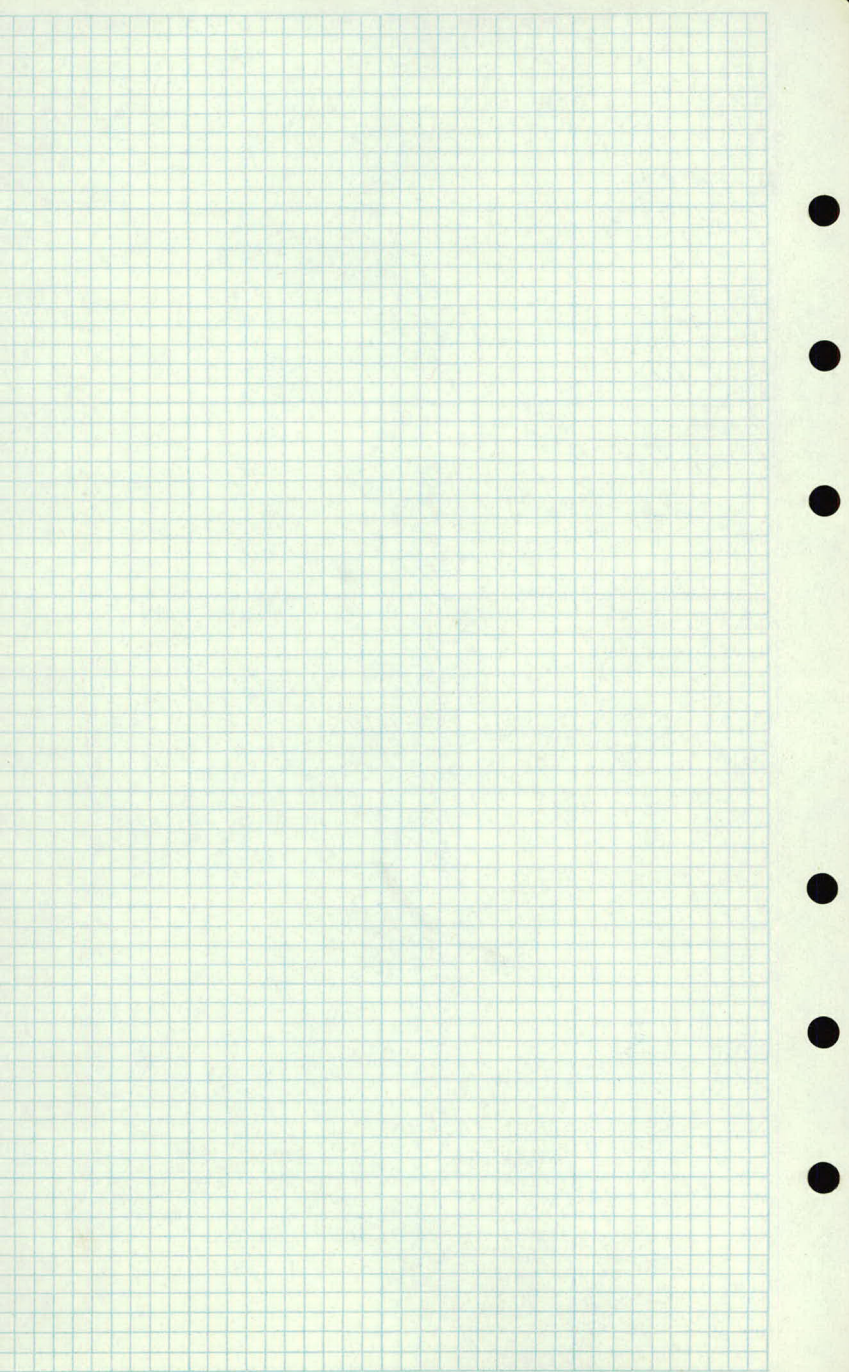


415-820 G.E. 12
3170 Ent. H.

410024 = 9'-10'
11'-8'

415-820 11'-8'





Topography
Prosperity Rd.
First Ave - North.

Same align. as for Church Prop Survey

5-

9' 12'

+50- 10' 11'

4

11-12'

+90-5.5' Scrub oaks - 70'

+50-10" oak - 103'

+50- 11' 11'

+10-4-10" oaks - 90'

+06-10" oak - 62'

3

12' 10'

+90-6" o. - 50'

+81-12" oaks - 48' - 70' - 88'

+40-16" o. - 100'

+24-16" o. - 38'

+16-12" o. - 37'

+04-12" o. - 21-11'

2

11'

+55-8" Top 3d

+76-8" Top 30'

+71-8" Top 21'

+51-5" Elm - 31'

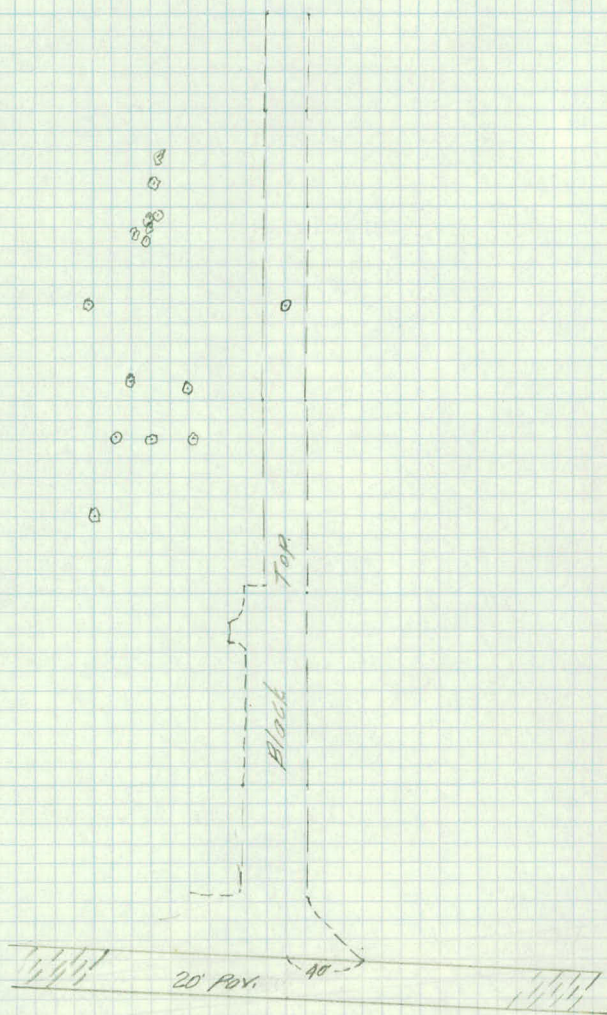
+20-4" Elm - 34'

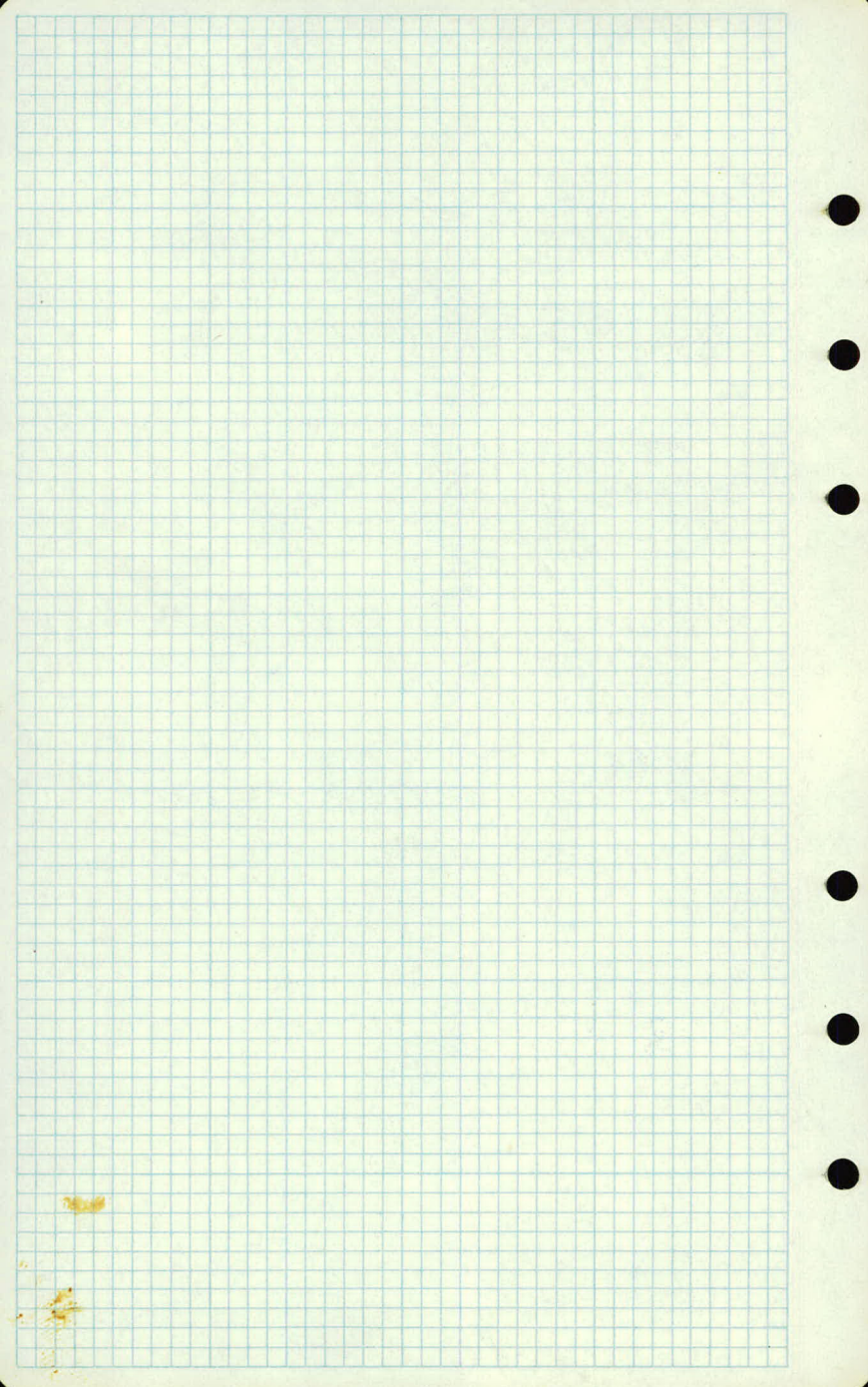
1

23' 11'

+40-14-11'

0 + 00





Gr. Rod. ~~Gr. Rod~~
~~Bloo Top~~

11.45 - 2.0 9.45 ✓

11.55 - 2.0 9.55 ✓
Ground = 11.3

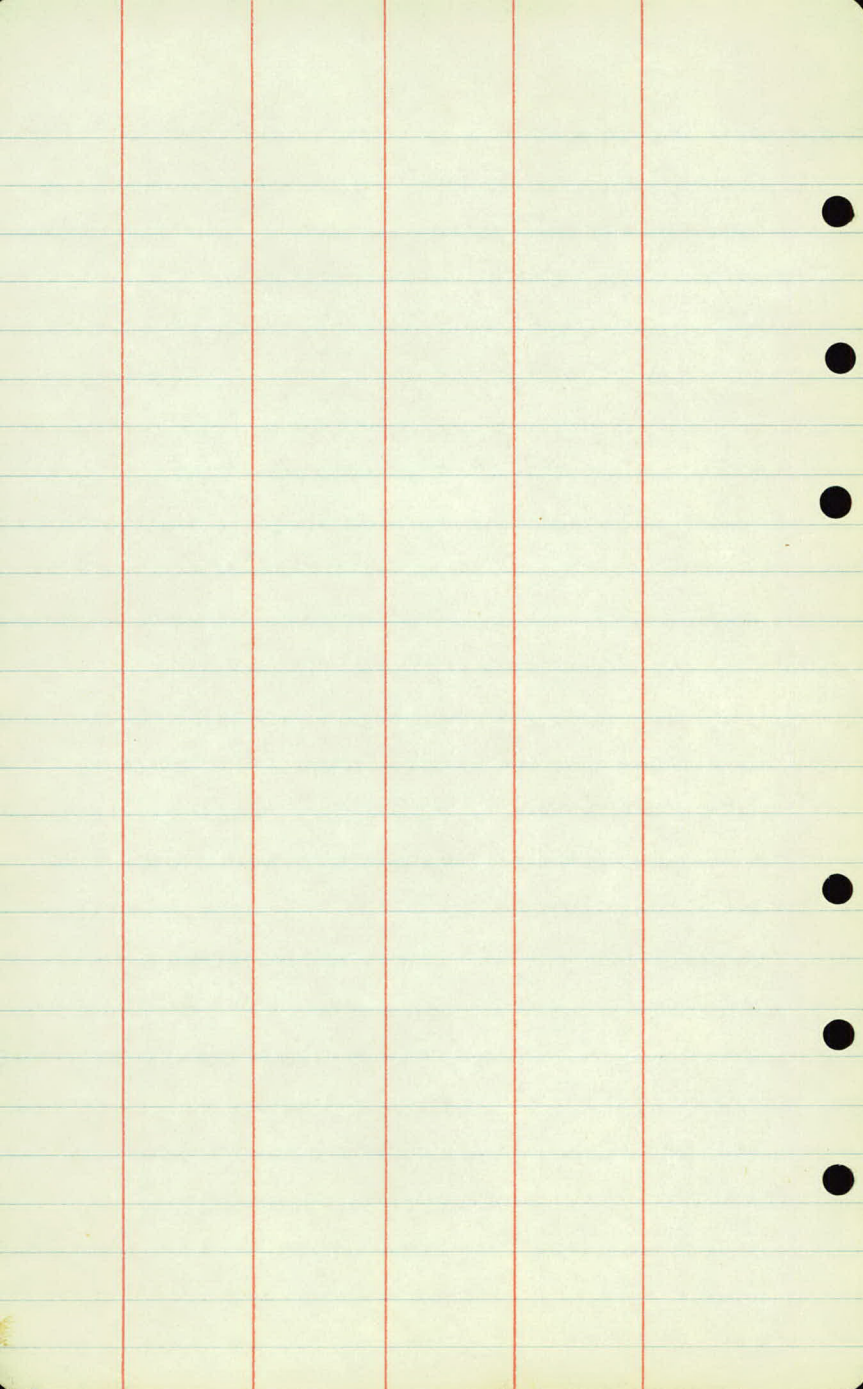
Bench Levels.

	+	π	-	ELEV	
B.M.	7.64	906.87			(899.23)
	8.85	913.83	1.89	904.98	
	3.66	913.27	4.22	909.61	
	1.94	908.05	7.16	906.11	
	5.07	904.66	8.46	899.59	
	9.29	910.71	3.24	901.42	
B.M	4.31	912.04	2.98	907.73	(907.80)
	8.77	914.99	5.82	906.22	
	11.30	925.62	0.67	914.32	
	12.44	937.27	0.79	924.83	
	12.96	949.75	0.48	936.79	
	13.15	961.99	0.91	948.84	
	8.53	969.70	0.82	961.17	
B.M			2.73	966.97	(967.10)

6
U.S.G.S, B.M. 63 SE. COR. Frost Ave + RR Tracks.

SPIKE ARC LITE POLE S.E. COR FROST AVE + PROSPERITY RD

Top MT. WHITE BEAR AVE + FROST AVE



X Sections

Sta.	+	π.	-	Elev.
B.M.	1.70	909.50		(907.80)
0 + 10 = Edge Pav.				899.45
+22				900.1
+23	FL. 15' C.M.			
+27				00.4
+40				00.9
B.M.	8.40	916.20	170	907.80 (907.80)
+70				02.3
1				03.6
+33				05.1

E

Rt.

Spt. in PP S.E. Cor. Prosperity Rd + Frost Ave.

10.05	10.09	9.94	9.52	8.75	7.52	6.11
0	50	100	150	200	250	300

✓

9.4	10.1	9.9	9.7	9.1	7.7	6.5
0	50	100	150	200	250	300

✓

896.6

12.9

20

Top
Point

9.1	9.8	11.1	11.4	11.5	11.6	11.4	11.6	11.3	10.0	7.4	6.5
17	22	40	74	100	131	169	200	244	258	258	

✓

FL. 24"
156.

86	90	92	107	11.8	11.2	12.3	14.2	15.6	18.7	15.7	14.2	13.5	8.5	6.2
0	8	14	19	46	100	148	158	200	209	213	244	250	258	258

✓

13.9	14.3	16.3	16.2	17.7	17.9	17.6	17.3	17.0	18.3	17.6	17.5	19.2	21.0	21.2	11.3
0	11	19	28	85	100	129	132	146	166	170	179	200	223	246	258

✓

12.6	12.9	13.2	15.6	16.0	15.0	14.1	14.6	16.7	14.4	14.1	15.8	16.4	15.3	17.0	17.5	17.5	10.7	9.8
0	7	12	19	24	28	100	127	147	153	155	168	192	197	215	226	249	258	258

✓

11.1	11.3	11.5	14.4	14.6	12.7	11.4	10.2	11.7	14.4	15.2	15.0	14.8	13.6	12.5	10.1	9.2	at bldg.
0	9	14	21	25	28	57	79	100	123	165	200	226	246	253	261	295	

✓

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

916.20

1 +66

06.8

2

08.6

+25

+25

09.8

+50

10.8

E

Eh

94 96 97 120 122 87 75 57 74 114 124 140 124 131
 0 7 14 19 23 30 36 64 91 119 143 173 189 200

E Prod. Rd

7.4 8.1 9.1 10.0 10.0 10.4 10.8 11.0 13.9 13.4 12.1
 413 400 391 386 353 300 274 243 236 225 214

7.6 7.8 7.9 9.2 9.1 4.0 3.2 3.5 3.3 6.3 10.2 10.0 11.6 10.6
 8 14 18 23 35 53 81 100 140 177 200 220 234

E Rd = 7.1 7.7 10.3 10.8 10.7 10.7 10.2 9.9 12.5
 404 390 382 370 352 317 300 263 255

0.0 2.3 6.5 8.6 10.8 10.6 11.8 9.8 11.6 10.4 12.1 12.4 11.4 7.7 6.6
 100 141 169 200 226 235 244 249 268 272 300 337 374 387 402

64 67 69 7.7 7.5 1.5 +13 10.7
 0 7 13 19 24 34 53 80

5.4 6.0 6.8 conf. 1.0 2.8 6.1 8.3 10.8 8.9 9.8
 8 19 153 170 187 226 239 264 286

E Rd → 6.2 6.6 12.1 12.5 13.4 14.0 11.9
 398 383 367 344 333 320 294

Sta + π - Elev

916.20

2 +75

11.7

3

12.2

+25

12.7

T.P.

11.90

927.01

1.09

915.11

2 +50

10.8

+75

11.7

3

12.2

E

Bf.

4.5

4.0 6.2 7.9 7.9 8.6 8.2 9.1 8.9 10.7 11.7 10.9 6.1 5.6
 193 215 243 250-258 267 285 289 302 307 53 353 365 380 393

4.0

1.5 5.7 6.5 8.5 8.5 7.8 7.8 7.1 8.3 8.0 9.7 9.9
 200 229 249 266 275 280 291 294 302 315 320 351

10.1
 Erid. 45.1 5.6 8.6 10.1
 390 375 363 357

3.5

6.2 7.3 7.2 6.9 6.9 6.0 7.0 7.9 8.9 8.9 8.1 4.8 4.3 x
 272 279 288 293 302 308 315 330 340 353 360 371 387

16.2

11.1 9.8 7.1 6.5 8.1
 33 37 75 100 130

✓

0.91 ?

153 157 16.0 16.6 153 8.7 9.2 8.8 7.6 5.3 6.3 9.0 11.6
 7 14 16 26 35 42 62 81 115 132 155 172

✓

14.8 153 15.4 15.8 14.2 9.2 10.1 10.4 6.7 5.9 5.4 5.3 6.0 7.6 10.1
 7 13 17 25 32 44 66 98 106 115 132 151 163 182

✓

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

927.01

3 +25

12.7

+50

13.0

+75

13.4

4

13.6

E

P.

14.3 14.6 14.9 15.2 15.3 15.1 15.1 15.5 15.4 6.7 5.1 4.2 4.7 6.5 8.7 12.6 15.0
7 13 20 28 34 45 64 81 105 120 149 160 179 200 225 247

14.0 14.3 14.5 15.3 15.5 11.9 12.2 13.7 13.9 13.7 11.1 7.9 5.5 3.3 2.8 ✓
8 12 17 17.5 28 34 39 58 65 82 100 120 148 160

Erd.)

14.5 14.5 15.7 15.8 17.0 17.1 15.4 15.7 14.5 13.7 11.8 7.9 5.2 3.8 ✓
384 370 365 360 355 350 346 325 315 260 243 219 200 178
(165 144)
295 288

13.6 13.9 14.1 15.5 15.5 13.9 14.5 15.5 15.2 14.1 8.9
7 11 16 20 26 32 43 54 76 100

Erd.)

13.8 13.6 15.1 14.8 13.6 15.9 15.3 11.0 11.4 7.7 3.6 2.4 1.7 2.0 3.9 ✓
383 370 364 360 355 326 311 303 293 243 214 200 175 158 136

13.4 13.8 13.9 15.8 16.2 16.3 14.9 9.6 6.8 2.2 0.9 1.1 2.2
7 14 19 37 49 67 100 120 160 180 200 220

Erd.)

13.4 13.1 13.6 14.0
386 374 356 330

7.1 7.8 7.1 4.8
316 304 273 245

Sta.	+	π	-	Elev.
		927.01		

4 +33				13.5
-------	--	--	--	------

T.P.	3.94	919.34	17.61	909.40
------	------	--------	-------	--------

B.M.			553	907.81
------	--	--	-----	--------

(907.80)

E

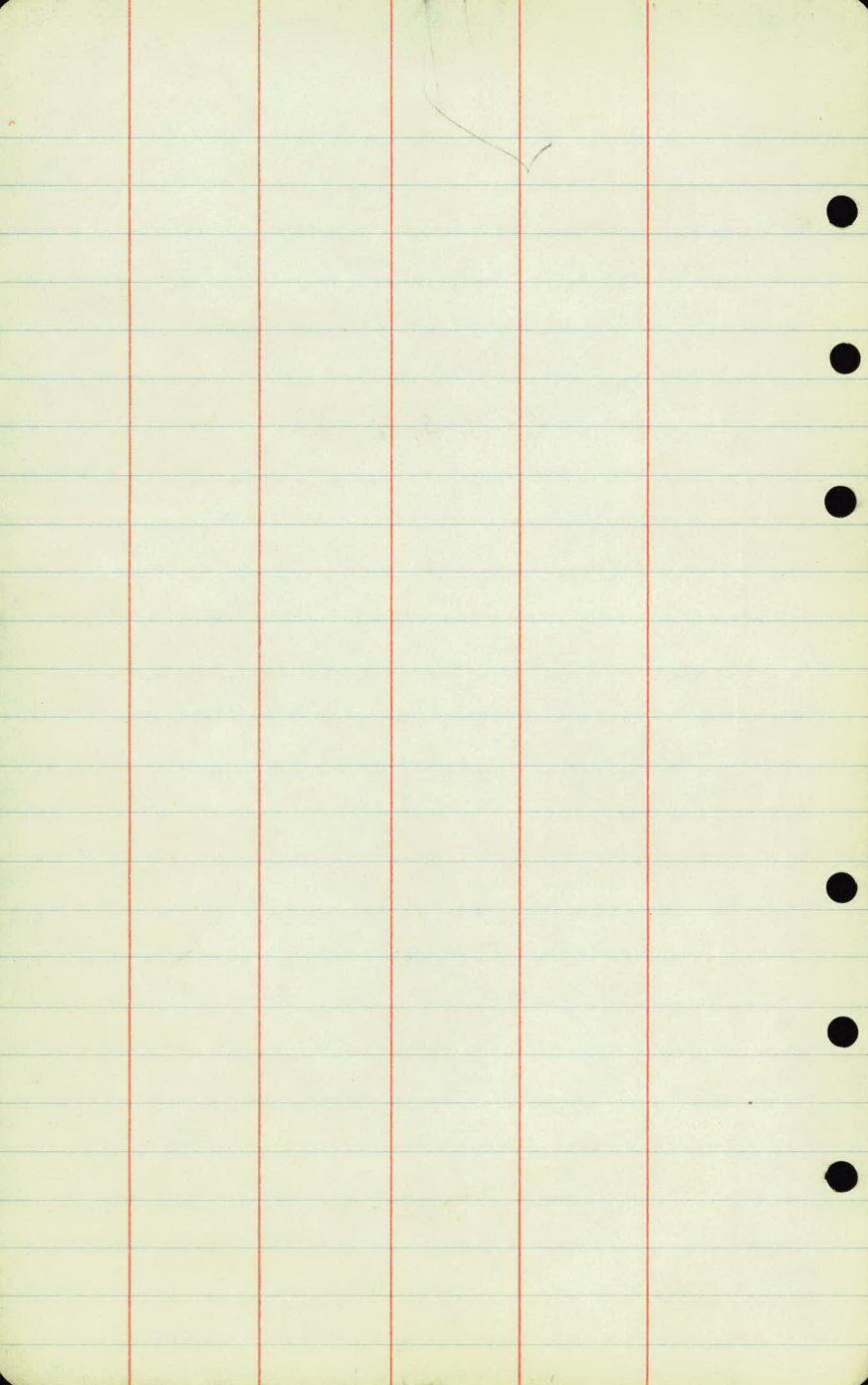
E

13.5 13.6 14.0 17.3 17.4 18.0 14.9 11.8 8.5 6.2 5.0
 7 12 20 30 50 78 100 127 149 165

Erdy

13.0 12.8 13.3 11.9 4.0 4.7 5.8 5.3 3.7 2.9 3.3
 387 377 360 345 337 319 300 275 245 224 200

Spk in P.P. S.E. Cor. Prosperity + Frost Ave.



Frost AVENUE
C PROFILE

HAZELWOOD to 1100' East

5-31-49

G.B.

A.M.

M.B.

B.C.

Sta	+	π	-	Elev
BM	4.46	912.26		907.80
0+00	= Mont. Ctr. Sec 15			899.52
	+50			99.58
1				99.76
	+50			00.13
2				00.92
	+50			02.15
3				03.56
	+50			04.98
4				06.27
	+31	PROSPERITY - RD (approx)		
				06.99
5				07.54

£

Spk in Arc Lt. Pole SE cor. Frost & Prosperity

12.74

12.68

12.50

12.13

11.34

10.11

8.70

7.28

5.99

5.27

4.72

Sta	+	π 712.26	-	Elev
5	+50			07.47
6				07.36
	+50			07.20
7				07.10
	+50			06.99
8				06.79
	+50			06.63
9				06.54
	+50			06.41
10				06.21
	+50			06.01
11				05.84
B.M			4.46	907.80
				907.80

¢

4.79

4.90

5.06

5.16

5.27

5.47

5.63

5.72

5.85

6.05

6.25

6.42

SPIKE IN ARC. LITE-POLE S. E. COR. FROSTBURG PROSPERITY

Sta

+

π

-

Elev

