

Dr. 14 BK. 50

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Levels & Topog. Survey

Lots 21-22 Bellaire
Vicinity of So. Shore Blvd.
From & White Bear Ave.

Also Slope stakes --- 1947

Road Acc't. No.

Date Filed 10-8-46

File.

slope stakes

Drainage
between Lots 21-22 Blk. 1 Bellaire

Rec'd in office
1-3-47

Sta.	PG	PCR
BM.	892	108.92
0 +00	07.5	1.42
+33	04.6	4.3
PI= +75	01.0	7.9
1	00.13	8.8
+23	99.3	
+50	98.4	10.52
PI= +75	97.5	11.4
2	97.4	11.5

(100.00)

lt. & rt.

Top SW. Cor. Conc. Slab W. side of Ho. Lot 22

1.41 chks ok.

+2.1
B.T. → 2.2
4.2

+2.2
2.1
4.3

+1.5
B.T. → 6.4
3.3

+1.9
6.0
3.9

+0.8
B.T. → 5.0
2.2

+1.1
7.7
2.7

+0.9
B.T. → 9.6
2.4

+0.6
9.9
1.9

+1.4
B.T. → 10.0
3.1

+0.7
10.7
2.1

+1.0
10.5
2.5

+0.5
11.0
1.8

Sta.	PS	PSR	
B.M.	3.45	103.45	100.00

2	+25	97.33	6.1
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	+50	97.25	6.2
B.M.	3.80	103.80	100.00

	+83	97.12	6.7
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3		97.08	6.7
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	+25	96.99	6.8
--	-----	-------	-----

	+50	96.91	6.9
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Water Surface

~~+65 96.85~~

	+85	96.79	7.0
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B.M.			3.80
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R.H.
A.M.
M.B.
C.F.

9-6-46

3

L

d

E

BT. → +1.0
5.1
2.5

+10.8
5.8
1.5

BT. → +1.0
5.3
2.5

54

+10.9
5.3
2.4

+1.3
5.4
3.0

+12.3
4.4
4.5

+1.8
4.9
3.7

45

+12.4
4.3
4.6

+12.5
4.3
4.8

46

+12.3
4.5
4.5

+1.8
5.1
3.7

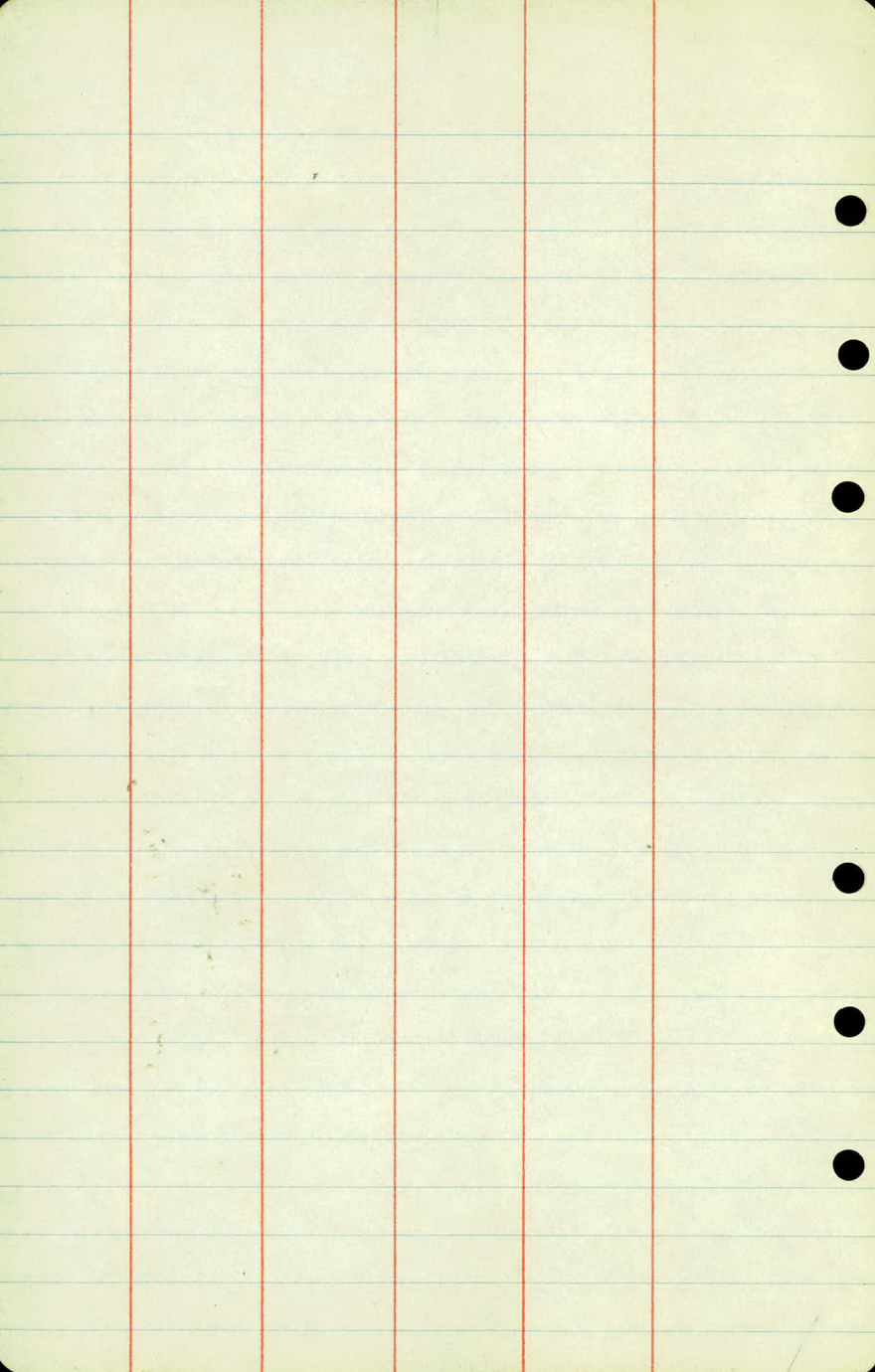
50

+1.9
5.0
3.9

865 = El. 9515
9-6-46

BT.
7.0
1.0

BT.
7.0
1.0



7.43

6.17

Levels in vicinity of
South Shore Blvd
and
White Bear Ave

sto	t	π	-	E/ex.
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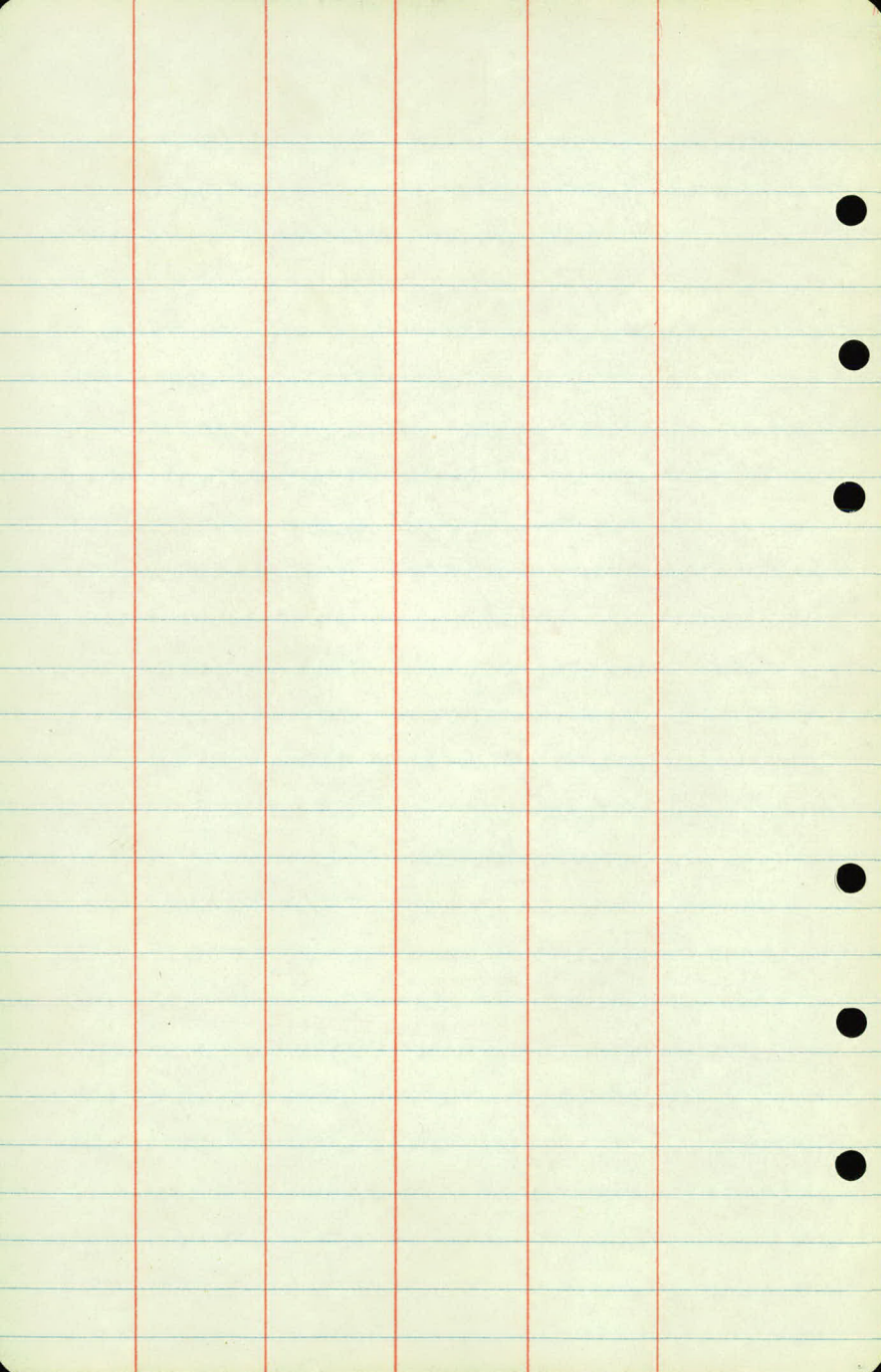
FL C.M. X Drain	7.43
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W.S. of culv.	6.17
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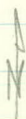
W.S. White Bear Lake	6.75
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W.S. Goose Lake	5.91
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6-5-46



Profile Levels



x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

x

Fence

Sta. 0+00

x

x

x

x

x

x

x

x

x

x

x

x

South Shore

24" Conc. Culvert

Bldg.

Sta.	+	π	-	Elev
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0	+00 = FL. N. End	24°C	0.32	
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	+16		1.2	
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	+50		4.0	
--	-----	--	-----	--

1			7.4	
---	--	--	-----	--

	+50		8.6	
--	-----	--	-----	--

2			10.6	
---	--	--	------	--

	+40		11.1	
--	-----	--	------	--

	+62		10.3	
--	-----	--	------	--

3			9.0	
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	+40		8.8	
--	-----	--	-----	--

	+73		10.0	
--	-----	--	------	--

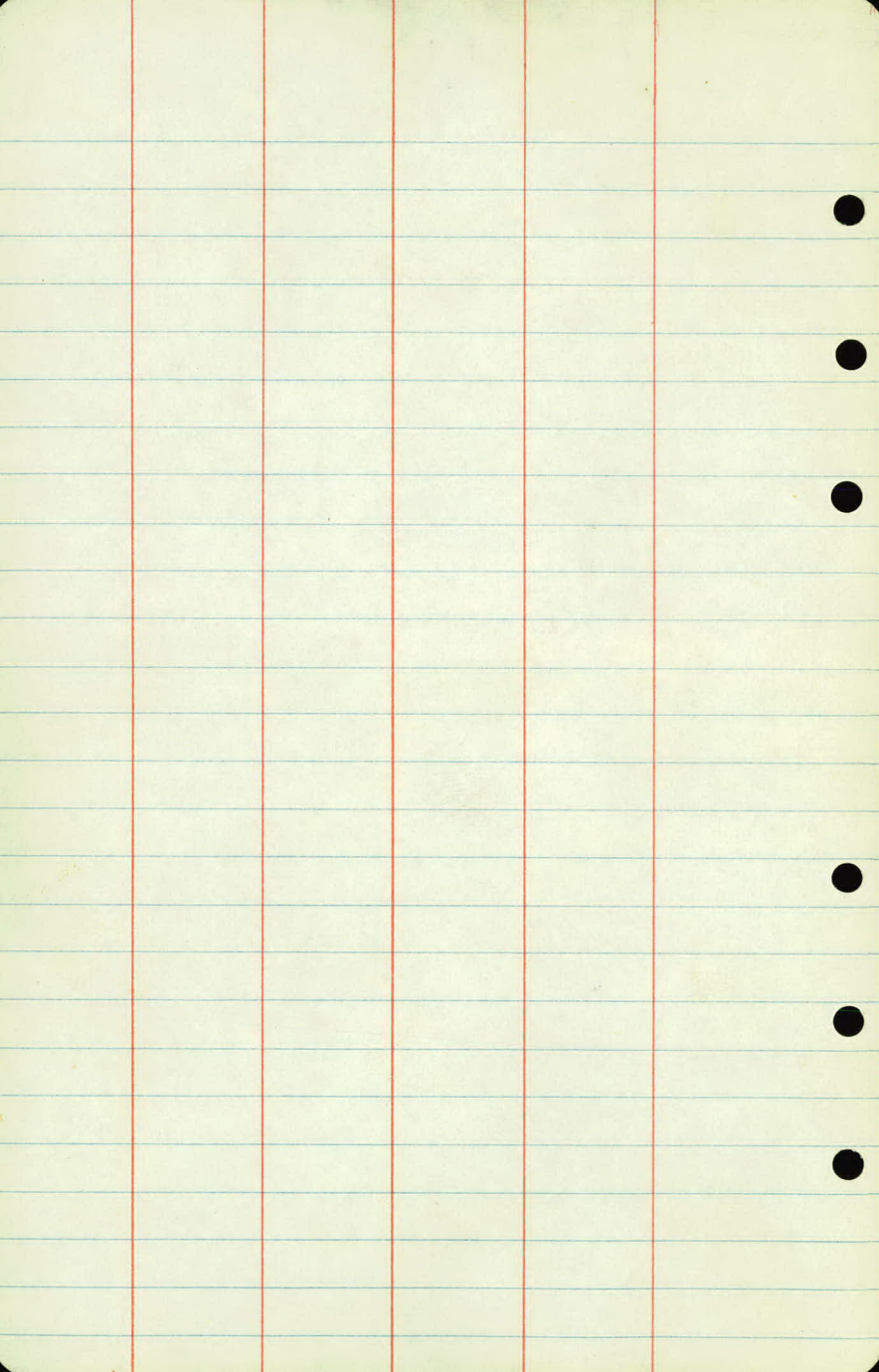
4	+02	W.S. Wm. to Bear Lake	12.6	
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6-5-46

lt

d

et.



Profile Level

between lots 21-22

Bellaire

Rec'd Aug. 17, 1946 WJB

Draw up 50' = 1"

Sta	+	π	-	Elev.
B.M.	B.19	108.19		100.00

0 100 F.L. 24' G.W.V.

+05

08.2

+33

06.5

+63

03.4

Lt.

E

Pt.

Top of conc slab at house (assuming elev. in office)

1.50

0.65

2.5'

L.O.	0.5	1.4	00	+0.3
	6	3		5

L.O.	1.9	30	28	1.9	17	1.5	L.O.
	6	5	2	1			1

4.6	4.8	5.7	4.8	4.2	L.O.
8	3	2		3	

Sta	+	π	-	Elev.
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f

4

Keywords:

E/cv.

Topography
Between lots 21-22
Bellaire

4

+03- water's edge.

+65-24" Elm-8'

+40-14" O-5'

+35-18" O-9'

+21-18" O-10'

+78-6" Pine-7'

+68-5" Tw. Pine-5'

+57-4" Pine-3'

+30-18" O-9'

+25-14" W. Cor. Ho-10'

3

+99-15" TW. O-5' 189-End Fe-00

+87-2-6" Tr-3-4'

+61-18" Tr-9'

+77-5" W. Cor. Ho-10'

+50-Board-33-48'

+92-16" Tr-4'

2

+74-5" B.E-8'

Board-19-26'

+99-10" Pine-3'

+73-8" Birch-2'

+60-12" Tr-2'

+50-Board-15-22'

+36-6" Tr-7'

+16-8" Tr-3'

+05-10" Birch-3'

Exam-10-18'

1

+72-18" O-5'

+77-6" Tr-4'

+50-Board-7-15'

+49-8" Tr-5'

+23-2-12" Oaks-00

+16-6" Tr-4'

0

End 24' GM. 2.5'

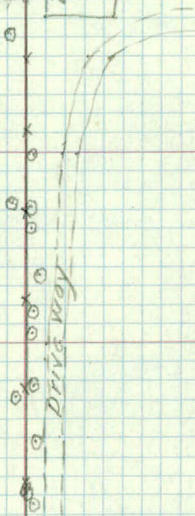
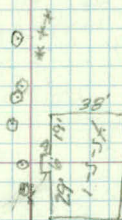
+03-Fe Cor-00

-11-}

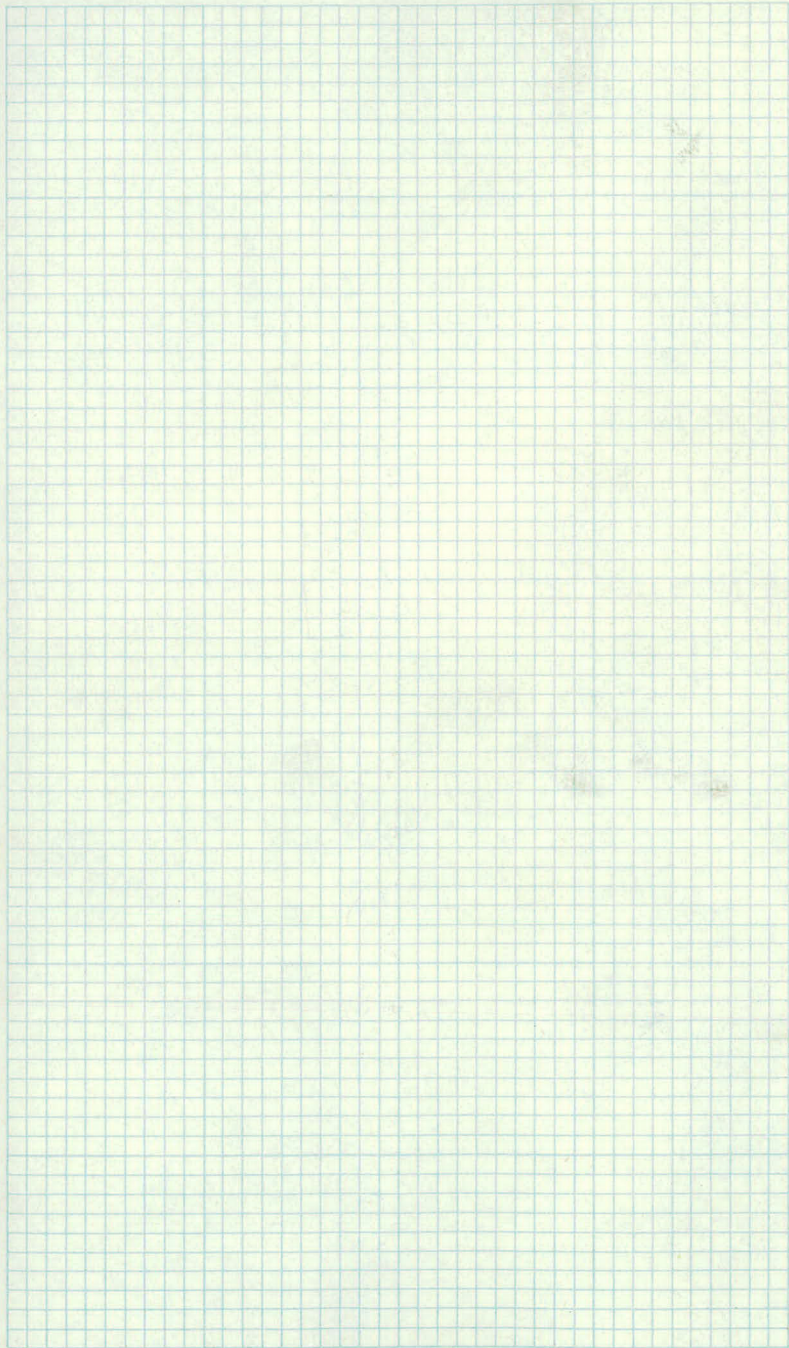
-33-}

Black Top

WHITE BEAR LAKE



South shore Blvd.



Drainage
between Lots 21-22
Bellaire

Sta.	Nat. Ground Rod		Grade Rod	Elev.	
B.M.	4.40	104.40			100.00
0	+00 = N End Culv. under South Shore Blvd.				
1	3.4			101.0	
	+23	4.2		100.2	
	+50	4.9		99.5	
2	6.8			97.6	
	+25	7.1	7.0	97.3	
	+50	6.7	7.1	97.7	
	+86	4.9		99.5	
3	5.0		7.3	99.4	
	+25	5.1		99.3	
	+50	5.7	7.5	98.7	
	+65	6.1		98.3	
	+85		C.00 = 7.6 =	96.8	
	+95	8.2		96.2	
4	+02	WS White Bear Lake			

Top 5 W. Cor. Conc. Slab W. Side of Hq. on Lot 22.



5.0

