

FROM NE TO N $\frac{1}{4}$

		S	N	W
588° W	14.2'	.5		14.2
				2488.2
WEST	2488.2'			2488.2
NORTH	144.1'		144.1	
			<u>139.6</u>	2502.4

Corr .0557

$$2502.4 - .0557 = 2502.3443$$

$$2502.3443 + .055 = 2502.4$$

$$2502.4 - 1250 = 1252.4$$

$$1252.4 - 150 = 1102.4$$

$$1102.4 - 1250 = -147.6$$

$\theta = 3^{\circ} 11'$

BEARING

N 86° 49' W

DISTANCE = $\frac{2502.4}{.99846} = 2506.2$

FROM N $\frac{1}{4}$ TO NW

South	144.1'	NORTH		WEST
WEST	2515.26'	145.9		2515.26'
NORTH	290'			

$$5003.46$$

$$- 2488.20$$

$$\hline 2515.26$$

Corr .058

$$2515.26 - .058 = 2515.202$$

$$2515.202 + .058 = 2515.26$$

$$2515.26 - 1257.5 = 1257.76$$

$$1257.76 - 132.5 = 1125.26$$

$\theta = 3^{\circ} 19'$

BEARING

N 86° 41' W

DISTANCE = $\frac{2515.26}{.99832} = 2519.4$

1/2 Book
1/2

A. J. SCHAUGT

Sec 10-34-8

$$\tan \theta = \frac{y}{x}$$

$$y = x \tan \theta$$

$$x = r \cos \theta$$

$$= 1317.95 (.99782)$$

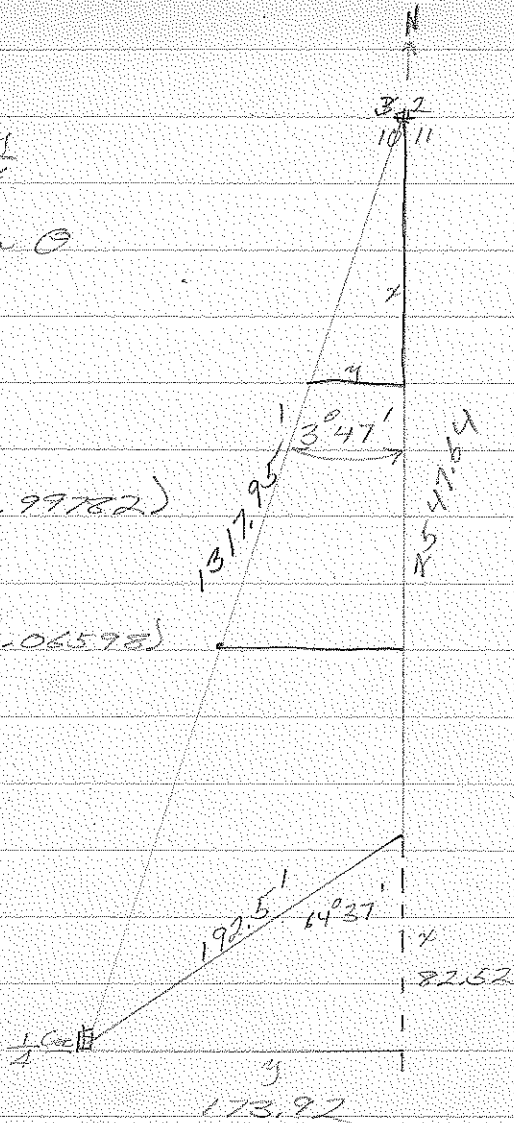
$$y = r \sin \theta$$

$$= 1317.95 (.06598)$$

51
347
398
1938'

$$\sin 64^{\circ} 37' = .90346$$

$$\cos = .42867$$



$$\frac{x}{r} = \sin \theta \quad 1739.160500$$

$$y = r \sin \theta \quad 825.187750$$

2547.64
82.52
2630.16

$$\tan \theta = .06612$$

CORRECTIONS

376.04 → 24.86

2200.33 → 145.49

747.56 → 49.43

2377.80 → 157.22

1172.94 → 77.55

2547.64 → 168.45

1378.97 → 91.18

1/16 CORNER

1517.98 → 100.37

AT STATION 1317.95', OFFSET

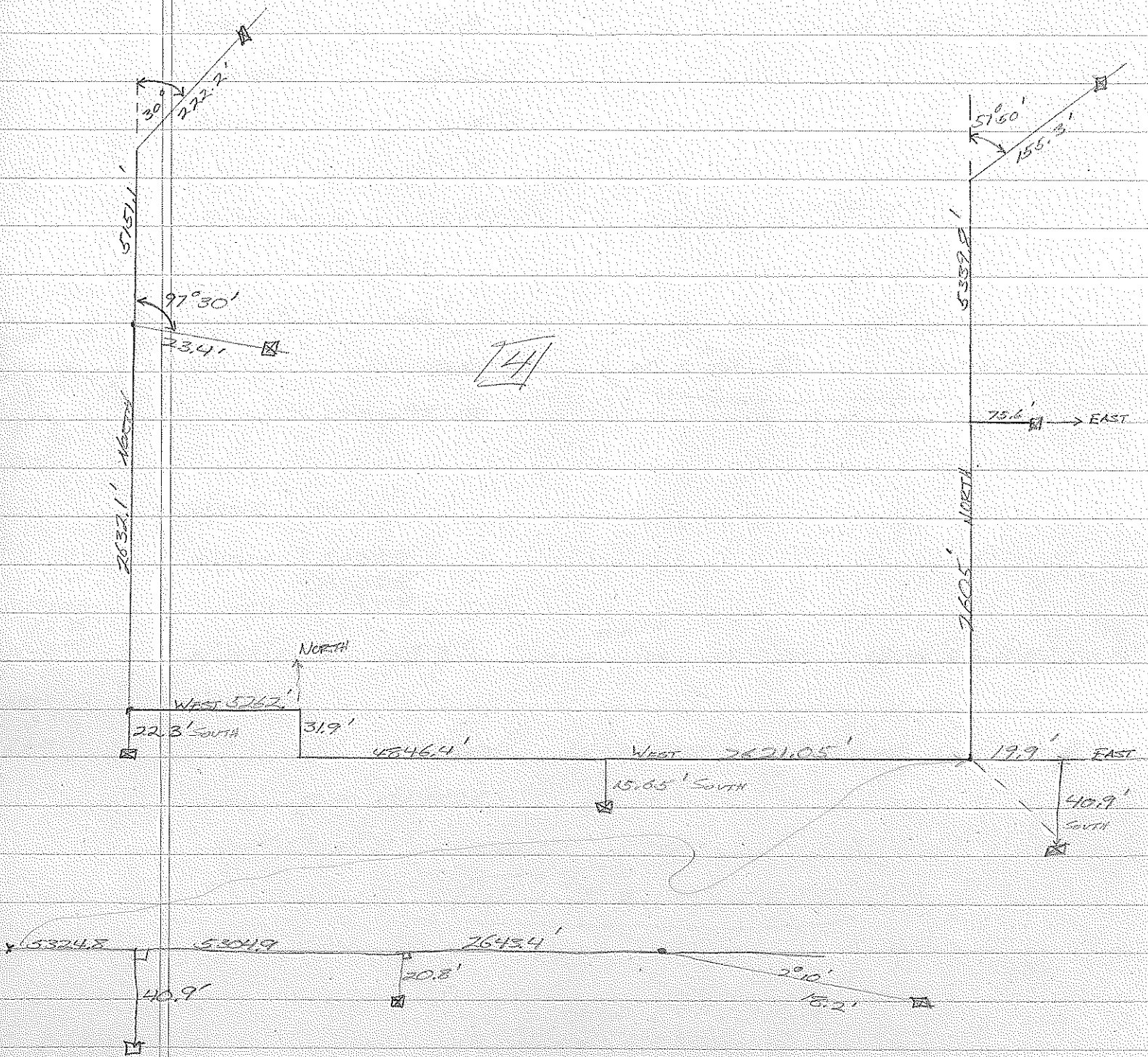
1994.84 → 131.90

WEST 86.96' TO 1/16 CORNER

2081.52 → 127.13

5 155 4 152 3
153

Section 4 T32N - R7E



4

5157.1'
20331.1' NORTH

30°
222.2'
97°30'
23.4'

57°50'
155.3'
5332.8'

75.6' → EAST

7605' NORTH

WEST 5262.1'
22.3' SOUTH
31.9'
4846.4'

WEST 7621.05'
15.65' SOUTH
19.9' EAST
40.9' SOUTH

5324.8'
5304.9'
2643.4'
15.2'
20.8'
40.9'

WEST BET 489

NORTH 40.9'

WEST 19.9'

2640.95' WEST and 25.25' NORTH

WEST 2621.05'

SOUTH 15.65'

tan = .009550

θ = 33'

cos = .99995

N 89° 27' W 2641.0'

N 15.65'

N 31.9

- 22.3
9.8

∴ 2640.95' West and 25.25' North

W 5262.00

- 2621.05
2640.95

∴ N 89° 27' W 2641.0'

North Bot 445

North 22.3'

" 2632.1'

S 82° 30' E 23.4' $\sin 99.441 C = 13053$

\therefore 23.20' EAST + 3.05' SOUTH

\therefore 2654.4

$\frac{3.05}{-}$

2651.35' North and 23.2' EAST

$\tan \theta = .008750$

$\frac{.008}{2651.35} = .0003$

$\theta = 30'$

$\cos \theta = .99996$

N 0° 30' E 2651.4'

WEST 23.2

NORTH 3.05

NORTH 5151.1

$\frac{2632.1}{-}$

2519.0

N 30° E 222.2' $\sin .5 C = 8603$

111.1' EAST 1724.3' NORTH

NORTH 3.05

2519.00

$\frac{192.43}{-}$

2711.43'

and EAST 111.1

$\frac{23.2}{-}$

87.9'

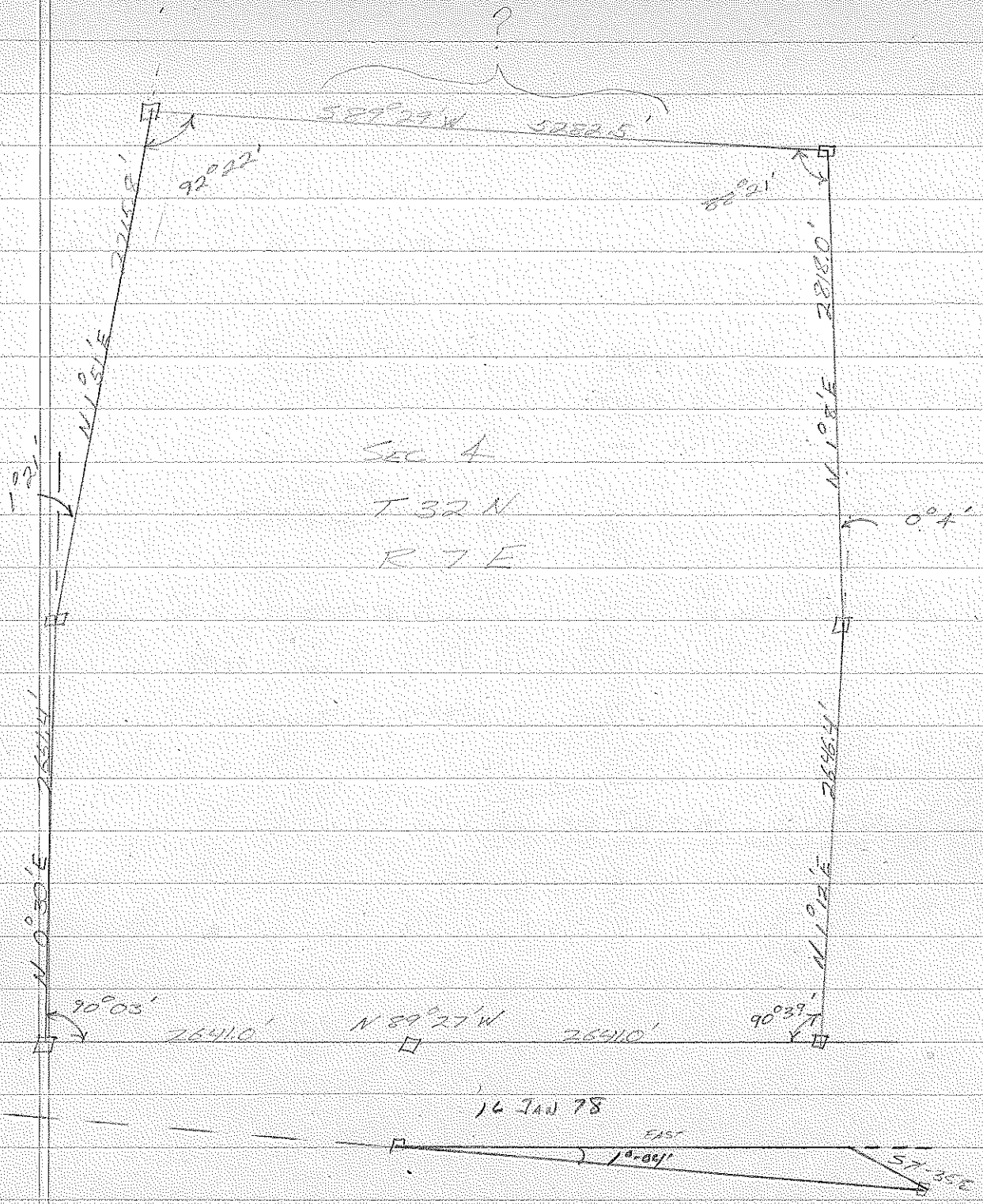
$\tan \theta = .032381$

$\frac{87.9}{2711.43} = .032381$

$\theta = 1^{\circ} 51'$

$\cos \theta = .99948$

N 1° 51' E 2715.8'



NORTH LINE 4-32-7

		N	W	
S	1° 5' W	2882.0'	-2645.90	55.70
S	1° 12' W	2646.4'	-2817.48	55.86
N	89° 27' W	5282.0'	50.50	5281.90
N	0° 30' E	2651.4'	2651.35	-23.20
N	1° 51' E	2715.8'	2714.48	-87.90
			-5416.33	5393.46
			-47.05	-111.10
				5282.36

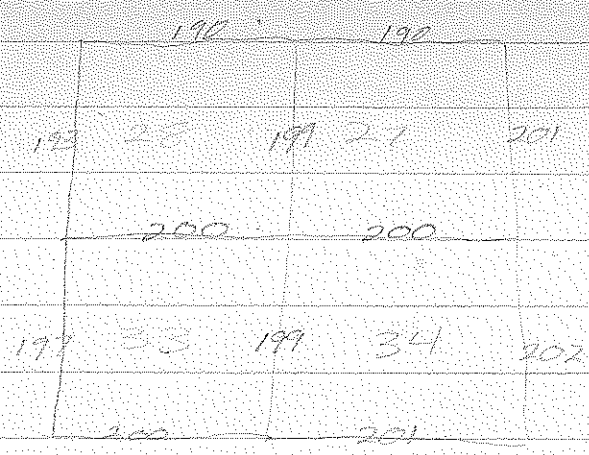
$\tan \theta = .008907$
 $\frac{5282.36}{5282.36 + 47.008}$

$\theta = 3'$

$\cos \theta = .99996$

S 89° 29' W 5282.5'

Sec COR $\frac{28}{33} | \frac{27}{34}$ T33N R5E (HARDING)



S. Bet. 27-28

4512 - RR MAIN TRACK
 4932 - " SIDE " $S = .99147$
 $C = .08397$

B.T.S

Maple 12" S60E 71.2'
 BIRCH 9" N85E 34.4'
 BIRCH 9' N23W 31.2'
 Low-WET



70.5' W
 7.62' N

5316.8
 - 7.6

 5309.2

$\frac{497}{170}$

5309.2
 4932.

 377.2

$\frac{5309.2}{4812.0}$

 497.2

28	27
33	34

T33N R5E (HARDY)

AN

MAIN RR TRACK

SIDE TRACK

LOSSING RD

LOSSING ROAD

LOSSING RD (N/S)

1323' WEST

105' 90.5'

195'

762'

377.2'

120'

STATION 5316.8 ON RAILROAD

1080' EAST

LOW & WET AT STONE

BT'S:

MAPLE 12" S60E 75.2'

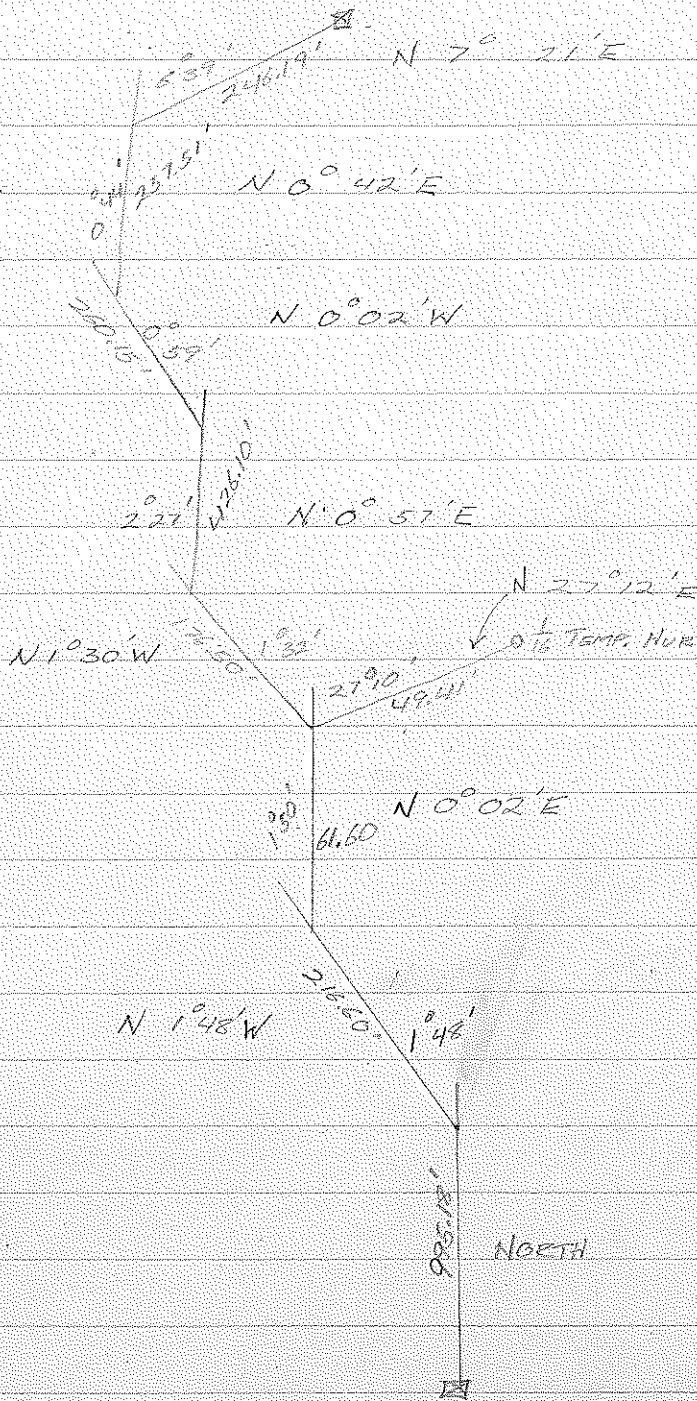
BIRCH 9" N85E 34.4'

BIRCH 9" N23W 31.2'

SEC 23

34-8

KIRBY'S RANDOM N SET 23424 (1967)



23-34-8

	SIN	COS	NORTH	EAST	WEST
NORTH 995.18			995.18		
N 1° 42' W 216.60	.03141	.99961	216.49		6.80
N 0° 02' E 61.60	.00058	1	61.60	.04	
N 1° 30' W 176.50	.02618	.99966	176.44		4.62
N 0° 57' E 426.10	.01658	.99987	426.04	7.06	
N 0° 02' W 260.15	.00058	1	260.15		.15
N 0° 42' E 257.51	.01222	.99992	257.49	3.15	
N 7° 21' E 246.19	.12793	.99178	244.17	31.49	
			<u>2637.56</u>	<u>41.74</u>	<u>11.57</u>

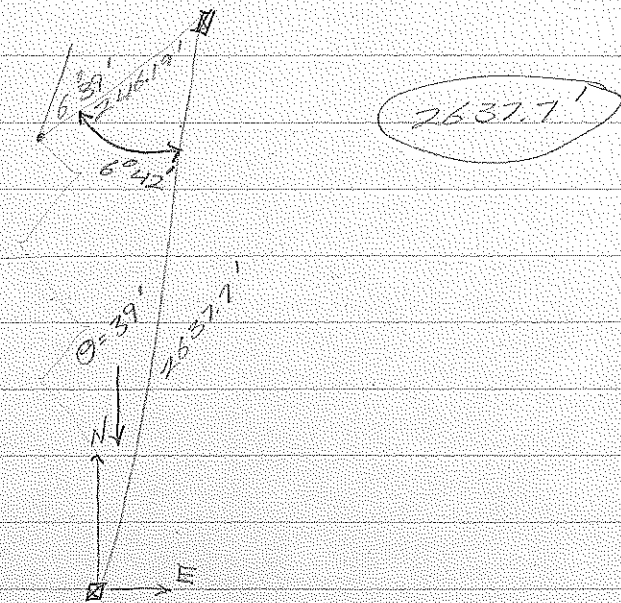
∴ 2637.56' NORTH and 30.17' EAST

$\tan \theta = \frac{30.17}{2637.56}$

$\theta = 0^\circ 39'$

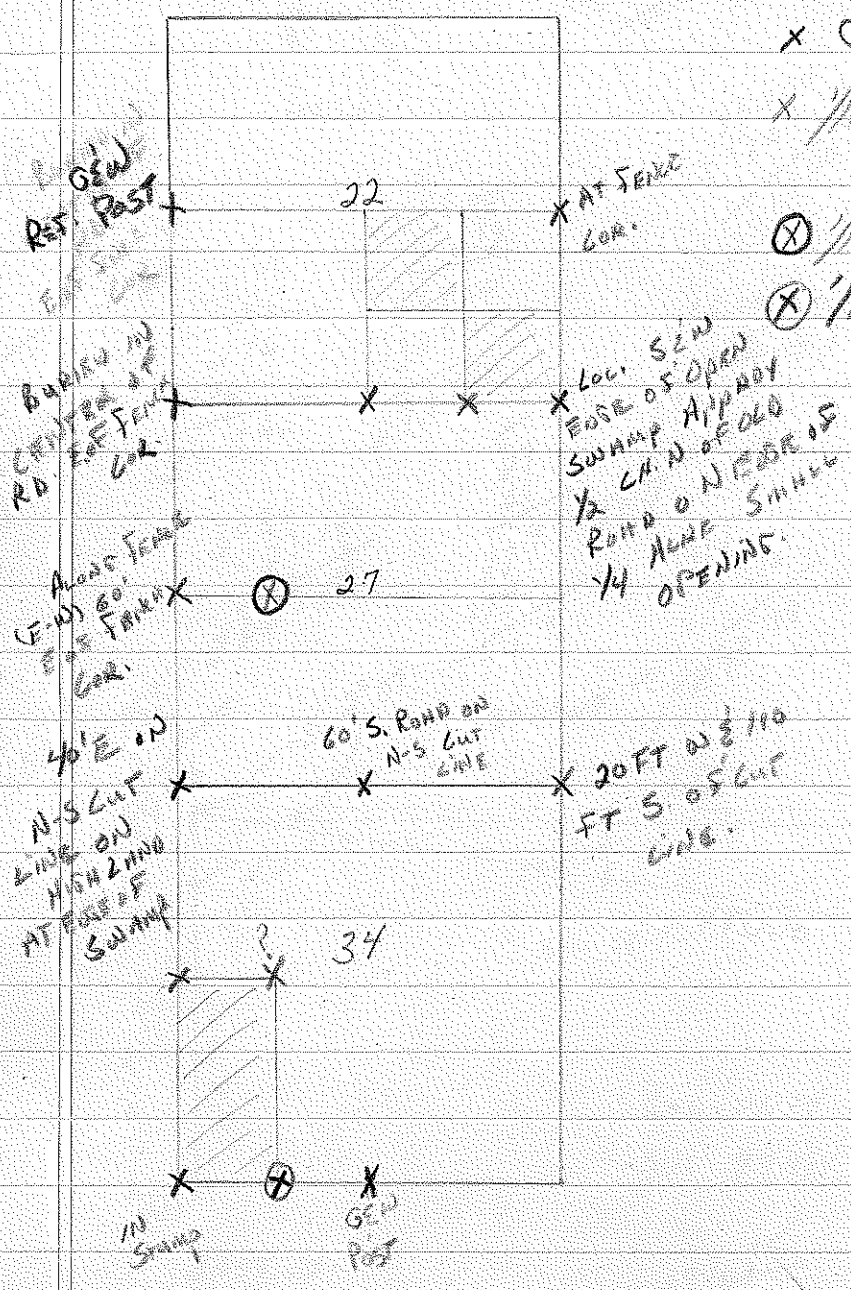
$\cos \theta = .99993$

$\sin \theta = .0134$



52-36

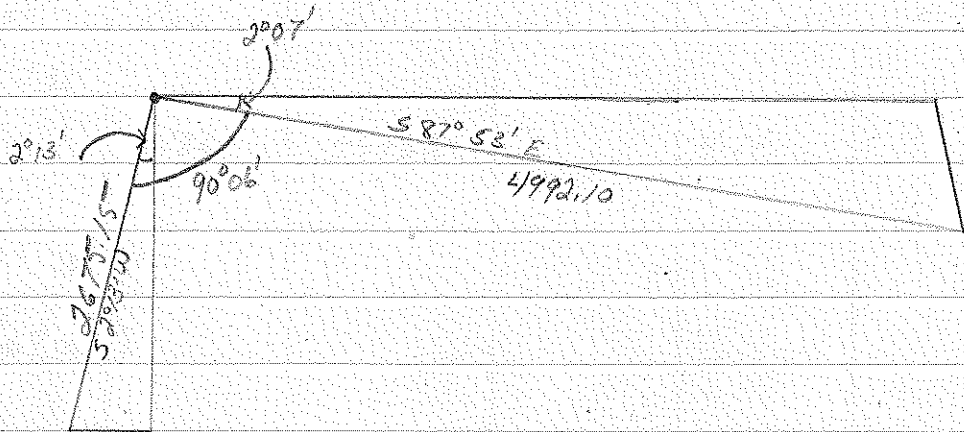
COR. SET OR COR TO BE SET IN SEC 34, 27, & 22 OF 35-8



X GRANITE STONES LOCATED
 X 1/16 EVIDENCE OF OLD COR. SOURCE UNKNOWN

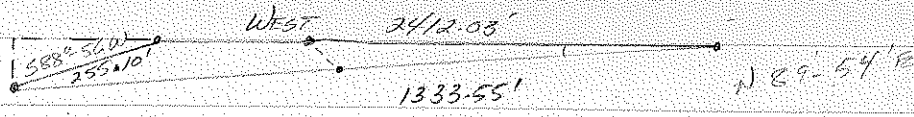
⊗ 1/16 GEW POST LOCATED
 ⊗ 1/16 SET BY L.C.F.

24-35-8



33-8 West Bet 667

89-60
 1-06
 88-54

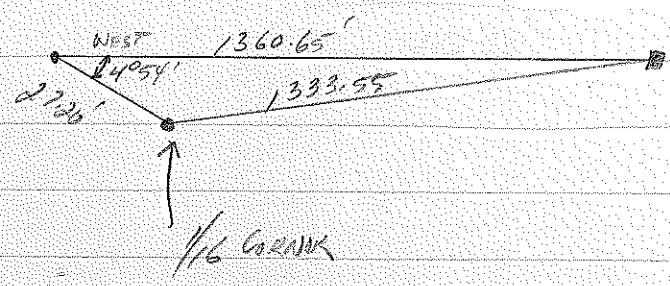


BEARING	DIST	cos	SIN	N	S	E	W
WEST	2412.03						2412.03
588° 56' W	255.10	.01861	.99983		4.74		<u>255.07</u>
							2667.10
	4.74 / 10000 =	60177	6° 06'				
	2667.10 / 10000 =	(2667.10')					
N 89-54 E	1333.55	106174	1.060	2.32		1333.55	1
WEST	1360.65						1360.65
							<u>1333.55</u>
							27.10

$1333.55 = 98783' 44' 28'$
 $1358.83 =$
 $171366 =$

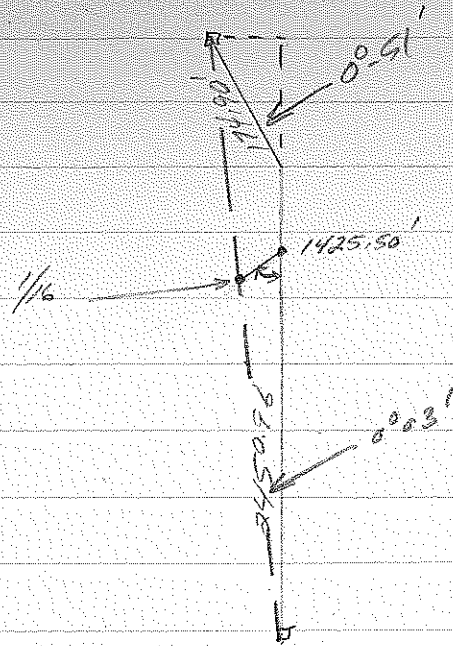
89-60
 4-54
 585 06 R
 89 60

$232 \cdot 08560 4^{\circ} 54'$
 $2710 = 27.20'$
 $.99634 =$



33-8

NORTH BET S 66



BEARING	DIST	COS	SIN	N	S	E	W
NORTH	2450.96			2450.96			
N 0°-51' W	174.90'	.99989	.01483	<u>174.88</u>			2.59
				2625.84			

$$\frac{2.59}{2625.84} = .00098 \approx 50.03' E$$

$$\frac{2625.84}{1,000} \div 2 = (1312.92')$$

S 0°-03' E	1312.92	1.0000	.00098		- 1312.92	1.29'	
NORTH	1426.50			1425.90			
				<u>112.58</u>			

$$\frac{1.29'}{112.58} = 0.01145 \approx 0° 39' W$$

$$\frac{112.58}{99993} = 112.59'$$