

T35N - R9E

BK 2

USFS 3509 BK 2

ENTERPRISE

See Back of Book for Index

U.S. Forest Service
Federal Building
Rhinelander, Wis.

Enterprise Project

T-35N. R-9E.

1 Line East from West 1/4 Cor. Sec 22 to East 1/4 Cor. Sec 22

Sta.	Sta	1 st	3 rd	Mean	
occupied	sighted	angle	angle	angle	

R	1	00.00				
	3	180.00	180.00	180.00	✓	✓

see Book 3 For distances

Snowflys

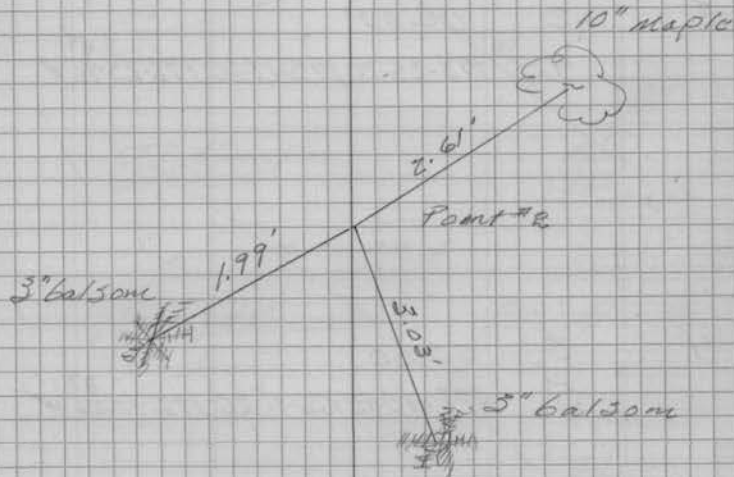
temp. 40°

11-12-69

Nelson
Jackson
Tillman
Gordon

3/4" #10 Pipe manometer
West 1/4 Corner Section 22

T-35N. R-9E.



Note ~ All Ref. made with
small nail in side of trees
all measurements horizontal

12

sta.	sta.	1st.	3rd.	mean.
occupied	sighted	Angle	Angle	Angle

3	2	00-00		
	4	178-25-20	175-17-20	178-25-46 ⁴⁴ ✓

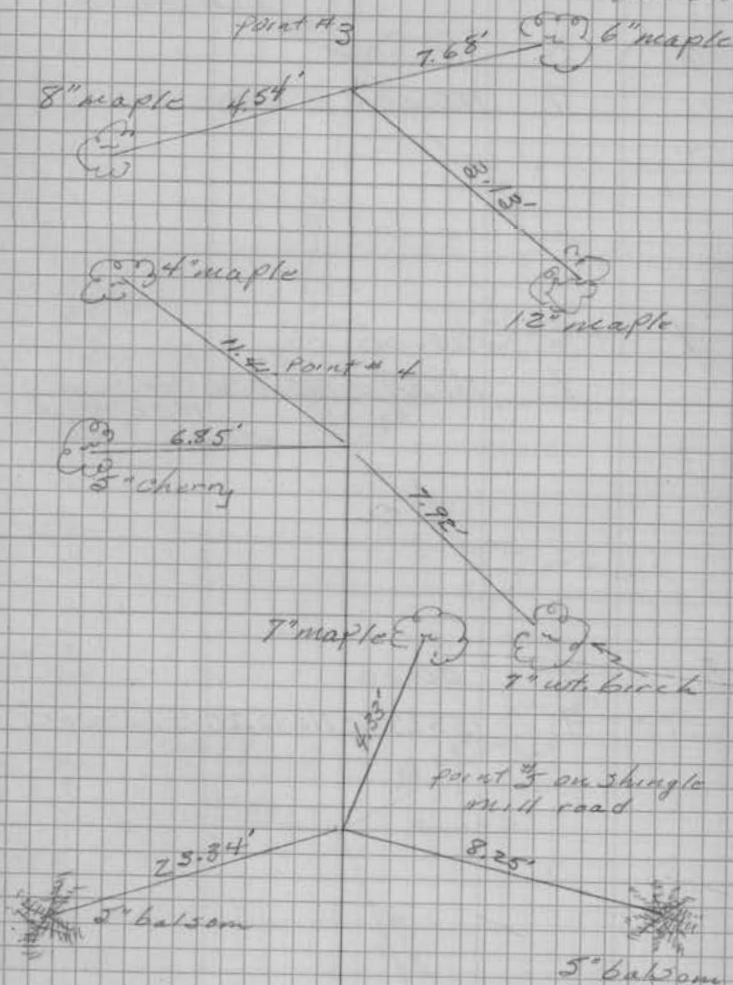
4	3	00-00		
	5	178-40-40	176-01-20	178-40-26 ²⁷ ✓

5	4	00-00		
	6	175-20-20	166-01-20	178-20-26 ²⁷ ✓

temp. 35°
Drizzle in sun

11-17-69

Nelson
Jackson
Tullman
Gordon

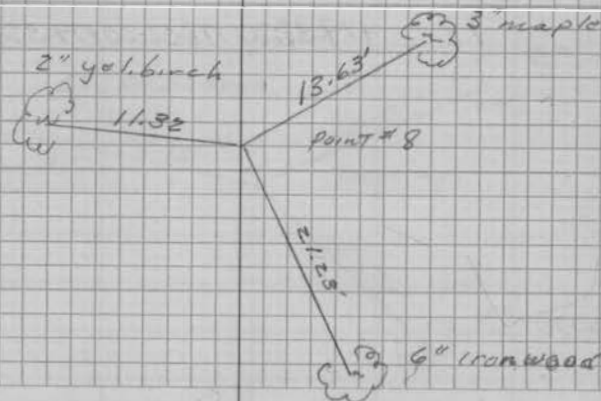
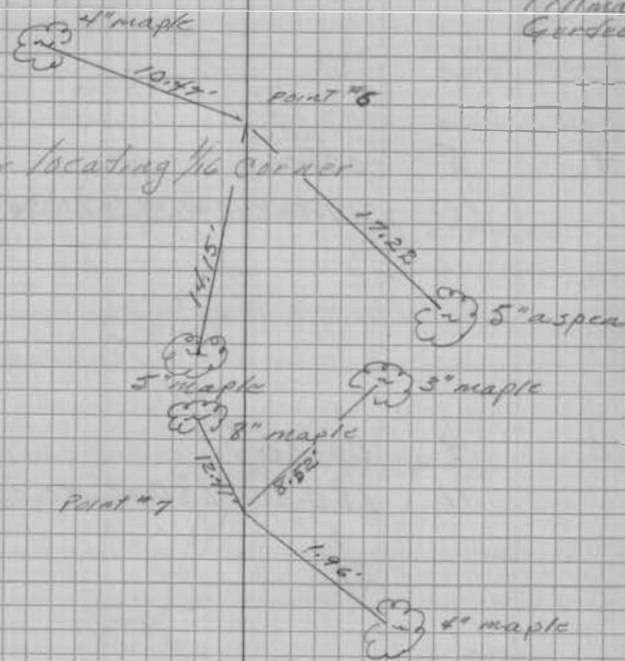


sta. occupied	sta. sighted	1st angle	3rd angle	mean angle		
6	5	00-00				
	7	180-00	180-00	180-00	✓	✓
7	6	00-00				
	8	183-24-00	190-10-50	183-23-21 183-23-36 183-23-36 37	✓	✓
8	7	00-00				
	9	157-25-20	112-15-20	157-25-07	✓	✓

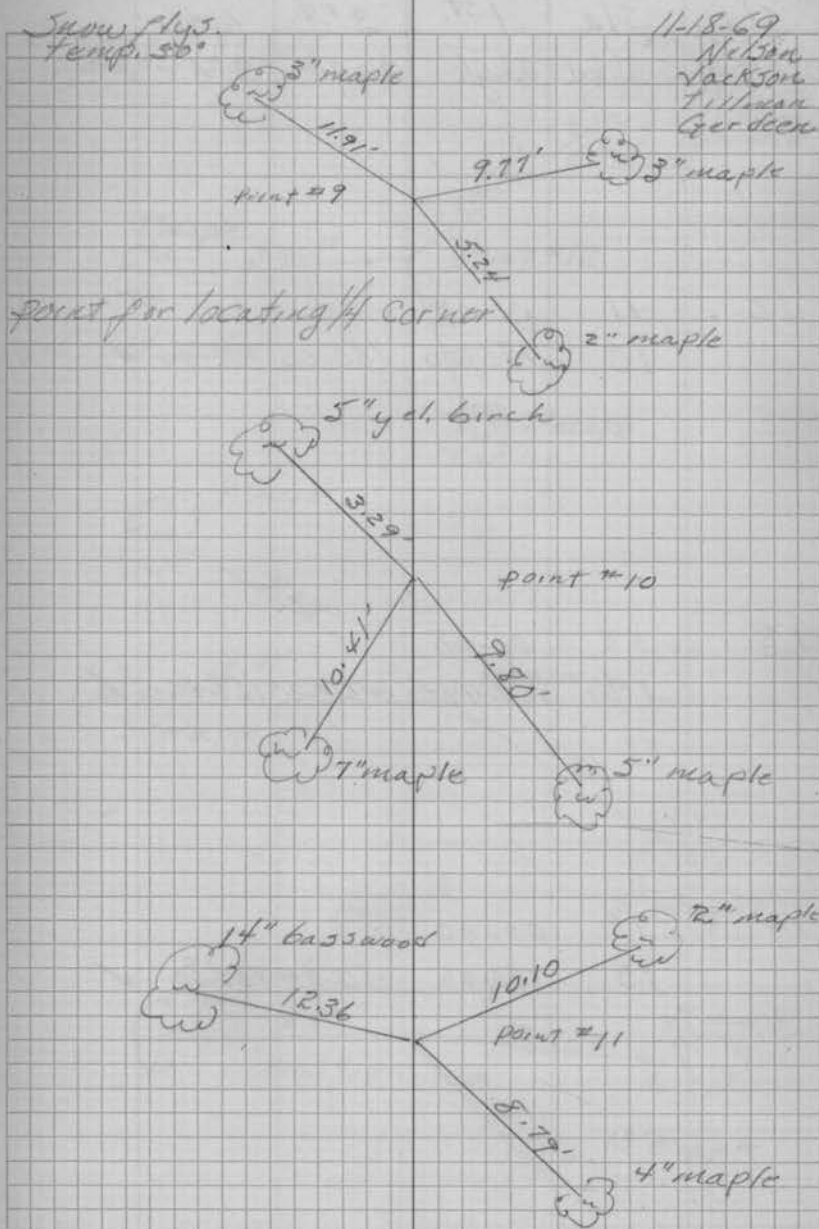
temp. 35
drizzle - snow

11-17-69

Nelson
Jackson
Tillman
Gordon



Sta. occupied	Sta. sighted.	1 st angle	3 rd angle	mean angle		
9	8	00-00				
	10	217-24-20	292-13-20	217-24-20 ²⁵¹	✓	✓
10	9	00-00				
	11	180-00	180-00	180-00	✓	✓
11	10	00-00				
	12	179-37-20	178-52-00	179-37-20	✓	✓

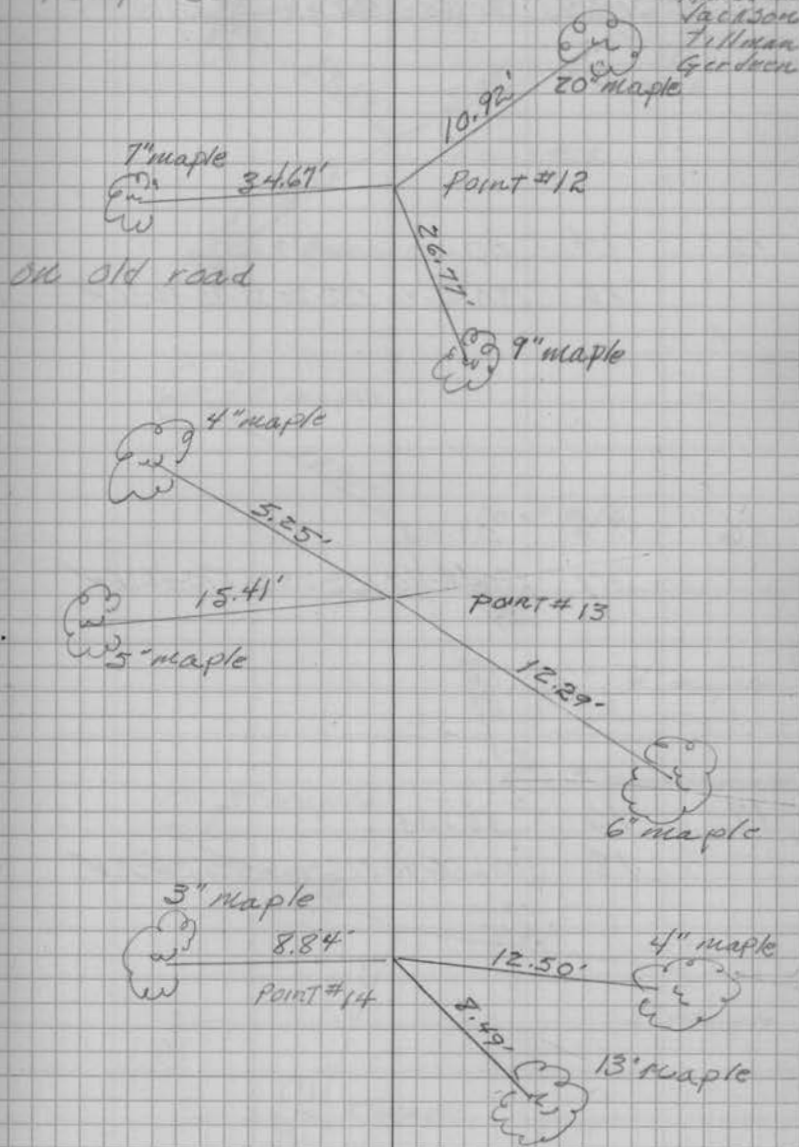


#	Sta. occupied	Sta. sighted	1st. angle	3rd. angle	mean angle		
	12	11	00-00				
		13	180-00	180-00	180-00	✓	✓
	13	12	00-00				
		14	169-44-00	149-12-20	169-44-00	✓	✓
	14	13	00-00				
		15	180-00	180-00	180-00	✓	✓

Snow flys.
Temp. 30°

11-18-69

Nelson
Jackson
Tillman
Gerdeen

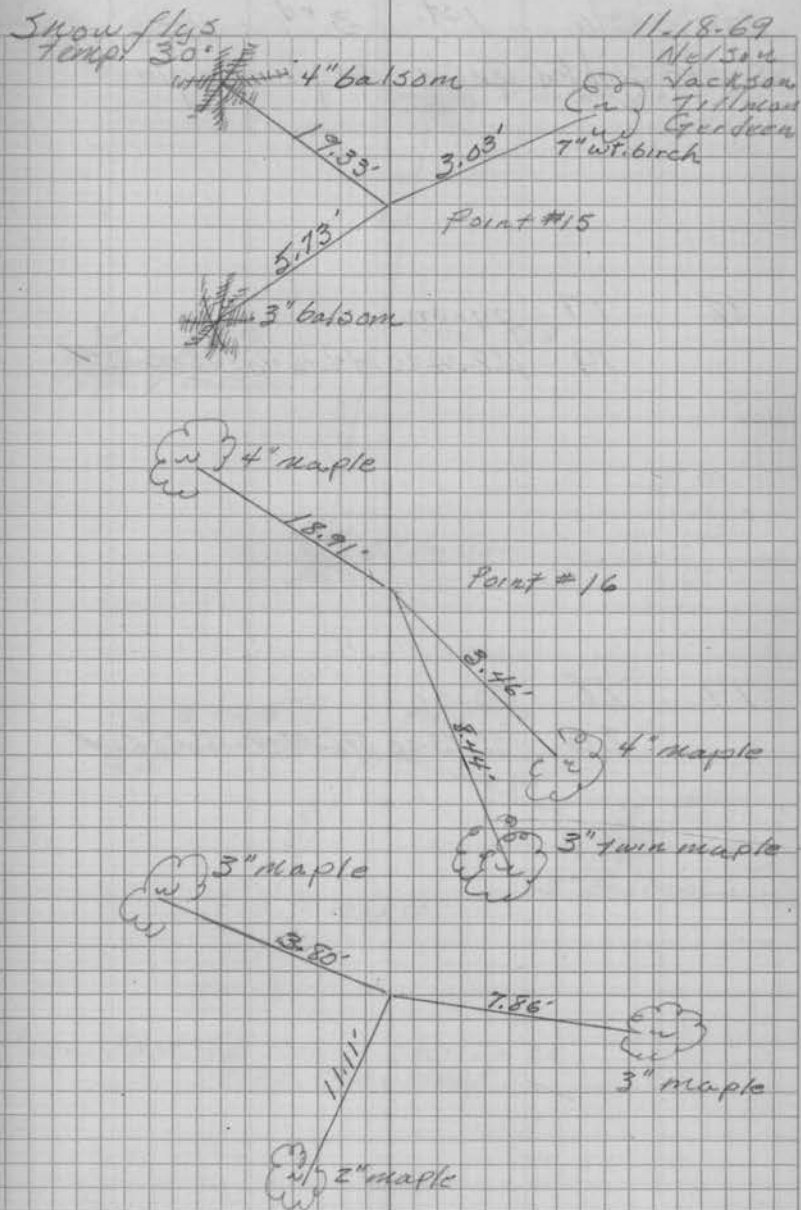


sta	sta.	1 st .	3 rd .	mean
occupied	sighted	angle	angle	angle

15	14	00-00		
	16	180-46-40	182-20-30	180-46-50 ✓

✓ 16	15	00-00		
	17	170-48-40	152-25-20	170-48-26 ✓

17	16	00-00		
	18	191-06-40	213-20-40	191-06-53 ✓



5 line East from west $\frac{1}{4}$ cor. sec. 22 East to East line

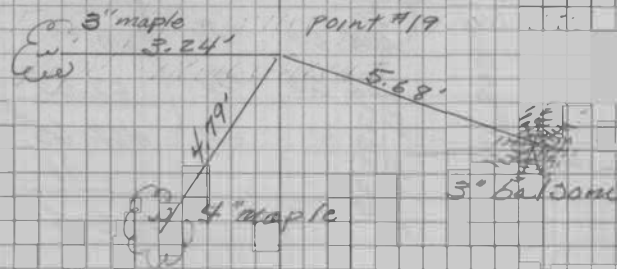
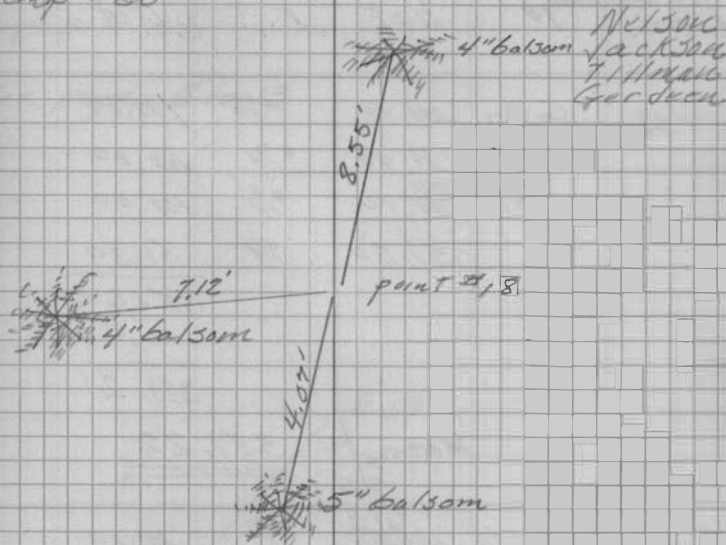
sta.	sta.	1st.	3rd.	mean
occupied	sighted	angle	angle	angle

18	17	00-00		
	19	168-06-20	144-16-40	168-05-33 ✓

19	18	00-00		
	20	185-23-00	196-09-20	185-23-06 ✓

Snow flys
temp 30°

11-18-69



#20 - East $\frac{1}{4}$ corner section 22
PIPE MONUMENT

6 line west from SE cor. Sec. 27 to S/4 Sec. 27

Sta. From	Sta. To	Slope Dist	Vert Y	Horiz Dist
D 56	C 57	100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		51.30	0%	51.30
				351.30
				- .09
				351.21
Mean =				<u>351.22</u>

C 57	B 56	100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		62.65	0%	62.65
				462.65
				- .11
				462.54

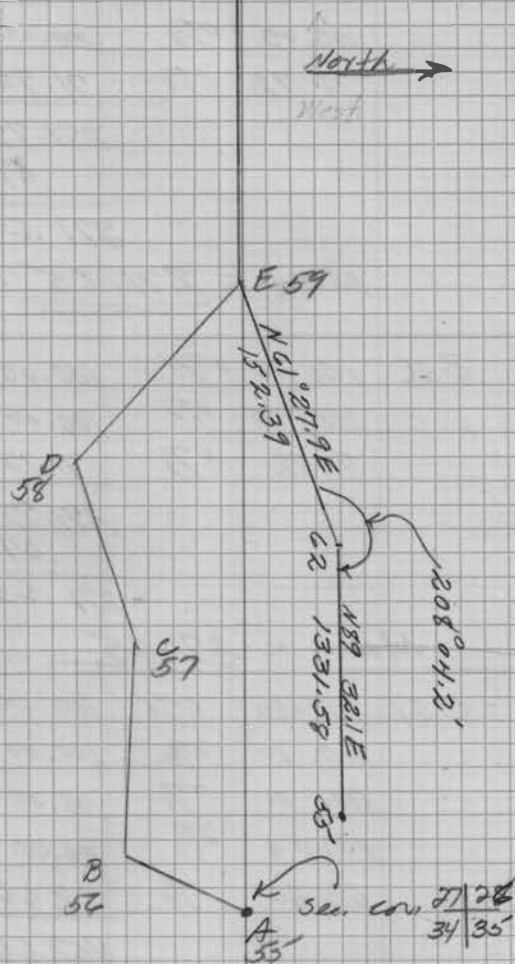
Mean = 462.54

Dec. 15, 1969

Temp 30°

Resyick
Ochrene

See pages 8 to 13



7

Line west from 27/26,
34/33

Sta From	Sta To	Slope Dist	Vert %	Horiz Dist
----------	--------	------------	--------	------------

B56	A55	100.00	0%	100.00
		100.00	0%	100.00
		71.72	0%	71.72
			.07	
			271.65	

Mean = 271.65

A55	B56	100.00	0%	100.00
		100.00	0%	100.00
		71.72	0%	71.72
			.07	
			271.65	

Mean = 271.65

B56	C57	100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		62.66	0%	62.66

			462.66
			.11
			462.55

Mean = 462.54

Dec. 15, 1969

Temp 30°

Sta. A. = SE sec. cot. sec. R7

Line west from $\frac{27}{34}$
 $\frac{26}{35}$

Sta From	Sta To	Slope Dist	Vert r	Hor. Dist
C 57	D 58	100.00	0%	100.00
		100.00	7%	100.00
		100.00	0%	100.00
		51.32	0%	51.32
				351.32
				.09
				351.23
				Mean = <u>351.22</u>

D 58	E 59	100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		4.16	0%	4.16
				504.16
				.12
				504.04

Mean = 504.05

Dec. 15, 1969

Temp 30°

9

Line from $\frac{27}{34}$ West to $(\frac{1}{7}) \frac{27}{34}$

Sta From	Sta to	slope Dist	Unit \checkmark	Horiz Dist.
E 58	D 58	100.00	0%	100.00
		101.00	0%	101.00
		101.00	0%	101.00
		101.00	0%	101.00
		100.00	0%	100.00
		1.18	0%	1.18
				<u>504.18</u>
				.12
				<u>504.06</u>

Mean = 504.05

Dec 15/1969
Temp 30°

Resvick
Cochrane

10

Sta From	Sta To	Slope Dist	Vert %	Horiz Dist.
E59	F60	100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		100.00	1%	99.99
		53.11	0%	53.11
				453.10
				- .17
				<u>452.93</u>

Mean = 452.93

F60	G61	100.00	0%	100.00
		100.00	0%	100.00
		100.00	00%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		46.58	0%	46.58
				746.58
				.28
				<u>746.30</u>

Mean = 746.34Dec 16, 1969
Temp 10Resnick
Cochrane

Station	Sta to	Slope Dist	Vert %	Horiz Dist
G 68	F 60	99.00	+7%	99.00
		100.00	+7%	100.00
		100.00	+7%	100.00
		100.00	-7%	100.00
		100.00	-7%	100.00
		100.00	+7%	100.00
		100.00	+7%	100.00
		47.61	+7%	47.61
				746.61
				23
				746.38

Mean = 746.34

F 60	E 59	100.00	+7%	100.00
		100.00	+7%	100.00
		100.00	+7%	100.00
		100.00	+7%	100.00
		53.07	+7%	53.07
				453.07
				-14
				452.93

Mean = 452.93

Dec. 16, 1969

Temp. 20°

Resvick
Cochran

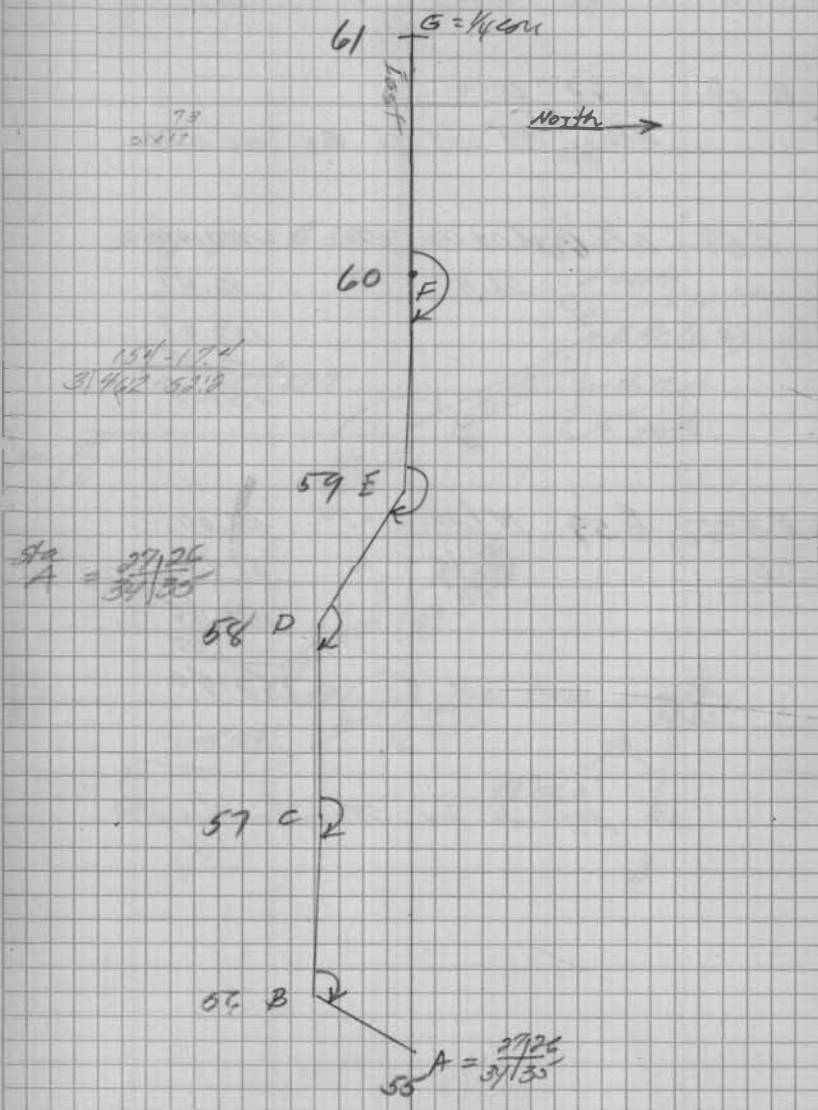
* G = South 1/4 Sec. 27

12. Line cost from S $\frac{1}{2}$ sec. 27 to SF cor
Sec. 27

sta. occ	sta sighted	1st r	3rd r	Mean r
F 60	G 61	0-0		
	E 60	180-03.7	180-11.2	180-03.7
E 59	F 60	0-0		
	D 58	193-01.0	214-03.2	193-01.1
D 58	E 59	0-0		
	C 57	154-17.3	102-52.2	154-17.4
C 57	D 58	0-0		
	B 56	195-14.2	225-43.0	195-14.3
B 56	C 57	0-0		
	A 55	124-23.0	17-08.7	124-23.2

Dec. 16, 1969

Resnick
Cochrane



13

location of E 1/4 det. sec. 27 & 34

sta. occ	sta. sighted	1st slope	3rd dist	Mean Hor. Dist.
sta. from	sta. to.	slope	dist	Dist.

E 59	F 60	0-0		
	E 1/4 62	148° 27.9'	55 28.4	146 27.6

E 59	E 1/4 62	100.0	0.70	100.00
		52.47	0.7	52.47
				152.47
				- .08
				152.39

E 1/4 62	E 59	101.00	0.70	101.00
E		51.48	0.70	51.48
				152.48
				- .08
				152.40

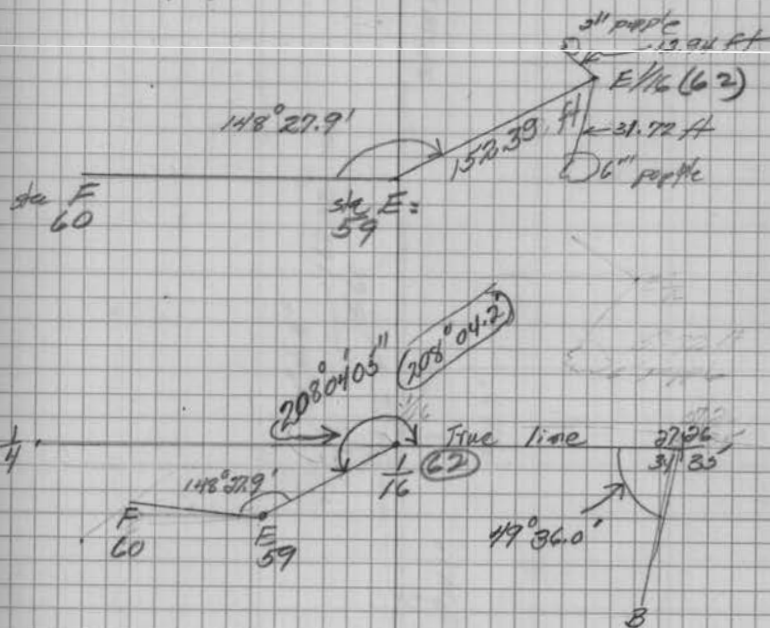
see page 16 for Monumenting

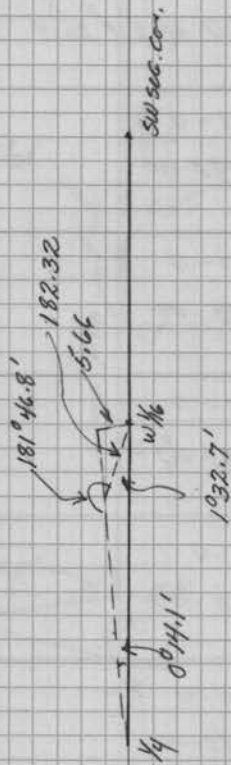
Jan 8, 1970

Temp. -10° windy

Kasyick
Cochran
Yorker

see pages 6 to 13 this book.



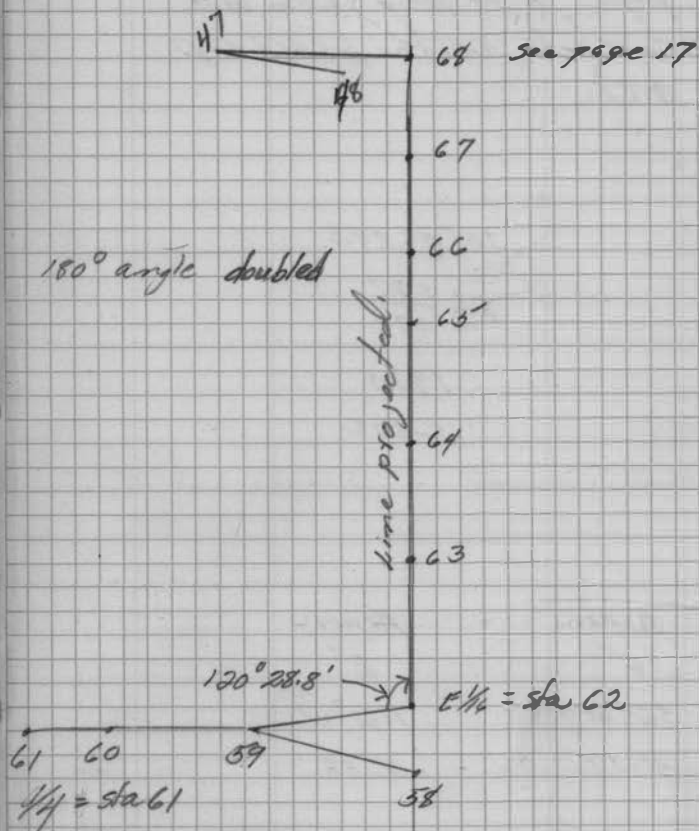


15 Nine North Hems E/W (27/34)

sta.	sta	1st	3rd	Mean
000	sighted	r	r	r
62	59	0-0		
	63	120-28.3	1 ^o 26.0	100-29.7
62	59	0-0		
	63	120-28.8	1 ^o 26.4	120-28.8
63	62	0-0		
	64	180-00		
64	63	0-0		
	65	180-00		
65	64	0-0		
	66	180-00		
66	65	0-0		
	67	180-00		
67	66	0-0		
	68	180-00		
68	67	0-0		
	47	82-58.4	248-55.6	59-38.5

Jan 12, 1970
Temp 20°

Resnick
Cochrane
yanked



Monumenting Elk but see 27 & 34

Set 2 inch inside diam
galvanized wrought iron
pipe, 5 ft long, filled with
concrete, with brass cap
mkd.

135N R9E

El 527
El 534

1970

S-802

Aspen
6"

524 W

31.77

Aspen
2"

N61°W

12.88

Jan 29, 1969

see page 13 for location

17 Line south from E 1/4 bet. Sec. 22 & 27
 to intersect E-W centerline

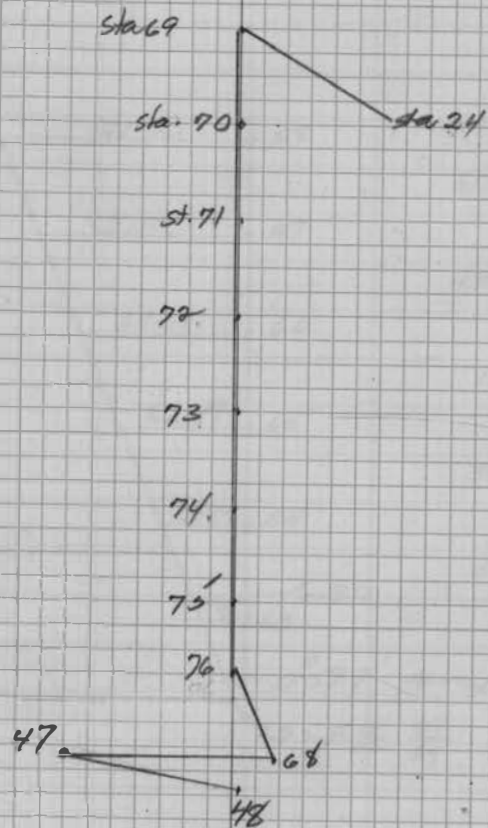
Sta Occ	Sta. Sighted	1st ✓	3rd ✓	Mean ✓
69	24	0 - 0		
	70	59-19.4	177-58.4	59-19.5
76	75	0 - 0		
	68	174-06.6	162-20.6	174-06.9
68	76	0 - 0		
	47	270-50	92-29.8	270-49.9
47	69	0 - 0		
	46	05 37.1		
47	68	0 - 0		
	48	05 30.0	16 30.7	05 30.9

Jan 15, 1970

Jan 16, 1970

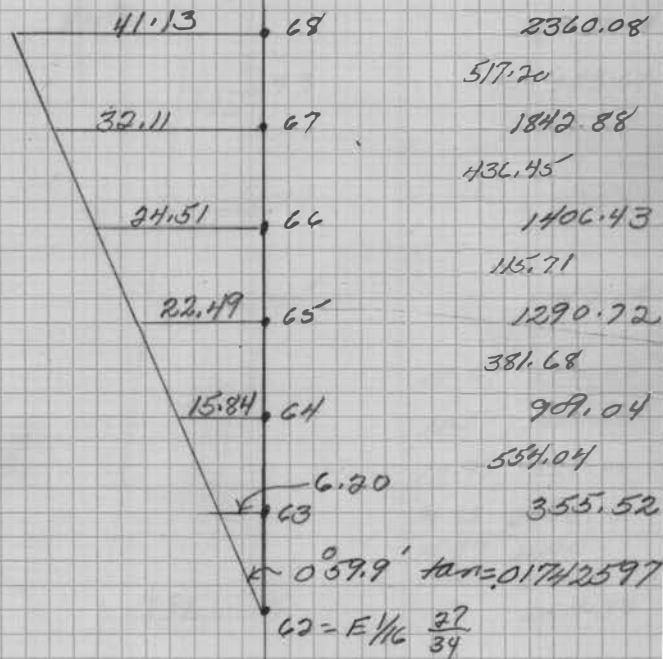
Sta 69 = E 1/4 bet. Sec. 22 & 27

Sta 70 to 76 double turned 180° ✓



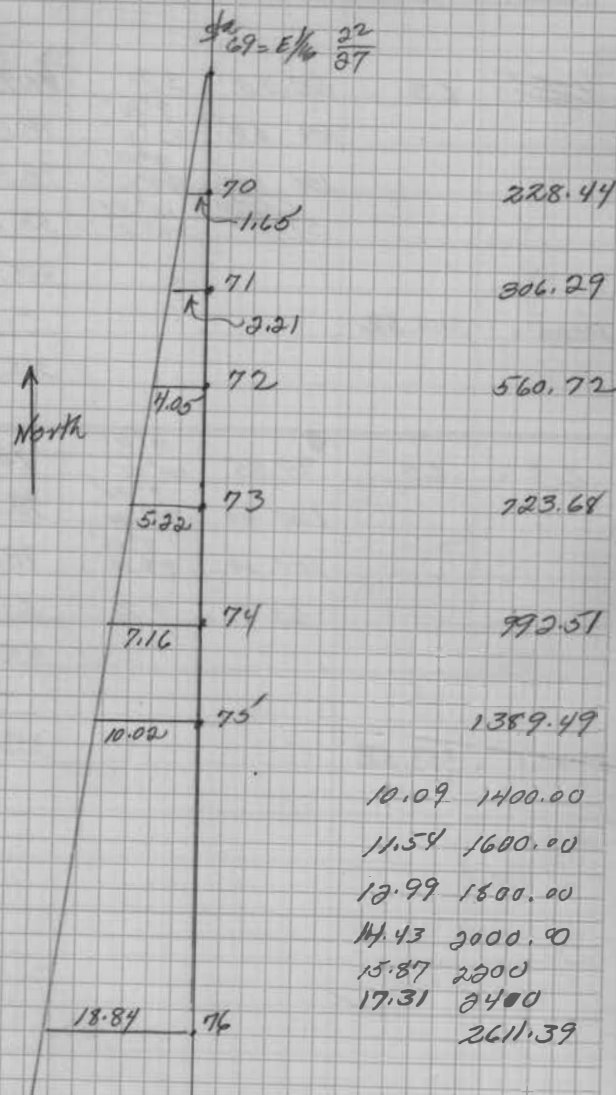
18

offset correction for line
 North from E $\frac{1}{16}$ $\frac{27}{34}$ to E-C $\frac{1}{16}$ acc 27



19

offset corrections from
E $\frac{1}{4}$ bet. Sec. 22 & 27 south to E. c. N. sec 27



20 Line North from E 1/4 bet. Sec. 27 & 34

Sta. From	Sta. To	Slope Dist	Vert. r	Horiz. Dist.
62	63	100.00	3 70	99.95
		100.00	9° 31'	98.62
		100.00	99° 31'	98.53
		59.75	9° 51'	58.66
			99° 51'	
			10° 57'	
			100° 57'	
				355.76
Mean =	355.52			- .16
				355.60

63	62	99.85	10° 11'	98.28
		100.00	100° 11'	98.58
		100.00	9° 40'	98.74
		60.00	99° 40'	60.00
			9° 06'	
			99° 06'	
			0 70	355.60
				- .16
Mean =	355.52			355.44

Jan. 14, 1970
Temp. 0°

Cochrane
gasket

- Sta. 62 = E 1/4 $\frac{27}{35}$
- .98624 cor.
- .98526 cor.
- .98179 cor.
- .98425 cor.
- .98580 cor.
- .98741 cor.

Sta From	Sta To	Slope Dist.	Vert. \angle	Horiz. E.
----------	--------	-------------	----------------	-----------

63	64	100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		100.00	4%	99.92
		100.00	0%	100.00
		54.35'	0%	54.35

Mean = 554.04

554.27

-.24

554.03

64	63	100.00	2°53'	99.87
		100.00	1%	99.99
		100.00	2%	99.98
		100.00	0%	100.00
		100.00	7%	99.98
		54.46	0%	54.46

554.28

-.24

Mean = 554.04

554.04

Jan 14, 1970

Temp. 0°

Sta From	Sta To	Slope Dist.	Vert. L	Horiz
64	65	100.00	6° 29' 96° 27'	99.37
		68.00	6° 17' 96° 17'	67.09
		98.57	13° 20' 76° 46'	95.91
		100.00	7° 47' 82° 13'	99.08
		19.87	0 0	19.87
				<u>381.82</u>
				<u>- .17</u>
Mean = 381.68				381.65

65	64	33.00	0 0	33.00
		86.64	7° 17' 82° 43'	85.94
		100.00	13° 31' 76° 28'	97.23
		100.00	5 0	99.87
		65.90	4 0	<u>65.85</u>
				<u>381.89</u>
				<u>- .17</u>
Mean = 381.68				381.72

87 20	89 60
76 40	76 27
13 20	15 31
89 60	
82 13	
7 47	
89 60	
82 13	
7 47	

Sta From	Sta To	Slope	Dist	Vert L	Horiz
65	66	100.00		3%	99.95
		15.81		0%	15.81
					115.76
mean =	115.71				-.05
					115.71
66	65	100.00		3%	99.95
		15.81		0%	15.81
					115.76
					-.05
mean	115.71				115.71
66	67	101.00		0%	101.00
		100.00		3%	99.95
		82.00		2%	81.98
		100.00		0%	100.00
		53.70		0%	53.70
					436.6 ³
Mean =	436.45				-.19
					436.44
67	66	67.00		0%	67.00
		101.00		0%	101.00
		100.00		3%	99.95
		100.00		0%	100.00
Mean =	436.45			68.71	
					436.66
					-.19
					436.44

Sta From	Sta To	Slope Dist	Vert. L	Horiz.
----------	--------	------------	---------	--------

67	68	100.00	0%	100.00
		100.00	4%	99.92
		25.00	0%	25.00
		100.00	3%	99.95
		100.00	0%	100.00
		92.58	0%	92.58
				517.45
Mean =	517.20			-.23
				517.22

68	67	100.00	0%	100.00
		101.00	0%	101.00
		91.00	3%	90.95
		30.00	0%	30.00
		100.00	2%	99.98
		95.48	0%	95.48
		17		517.41
Mean =	517.20			-.23
				517.18

25

Sta From	Sta To	Slope	Dist	Vert L	Horiz
68	47	100.00	0%	100.00	
		88.15	0%	88.15	
				188.15	
mean =	188.07				-0.08
				188.07	

47	68	100.00	0%	100.00	
		88.15	0%	88.15	
				188.15	
mean =	188.07				-0.08
				188.07	

26 Chainage for line south from
E/16 bet sec. 22 & 27 to sta 68

Sta From	Sta To	Slope Dist	Vert \pm	Horiz Dist
74	73	100.00	0%	100.00
		100.00	2% 4'00'	99.98
		69.08	94'0"	68.91
				268.89
				.07
				<u>268.82</u>
Mean = <u>268.83</u>				

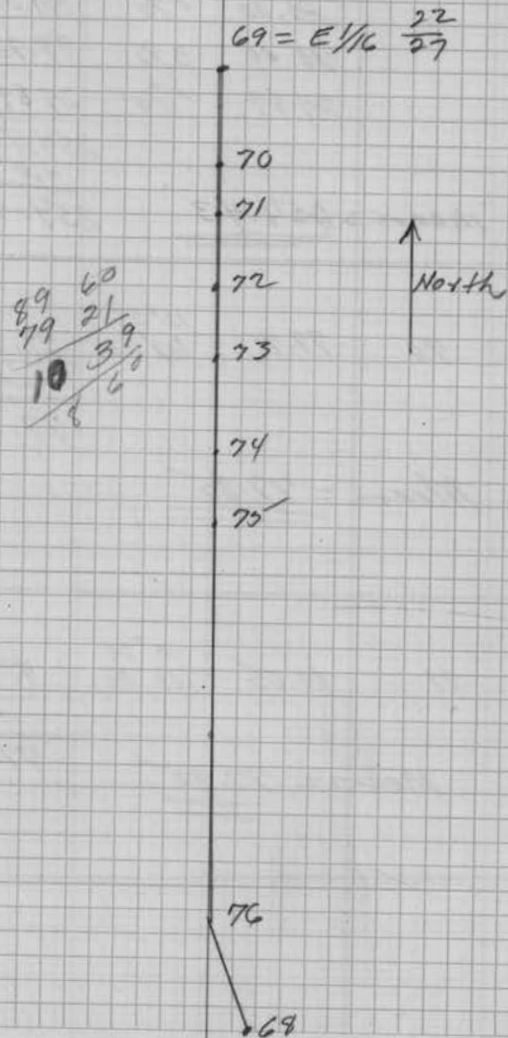
73	74	100.00	0%	100.00
		100.00	2%	99.98
		68.93	0%	68.93
				268.91
				7
				<u>268.84</u>

Mean = 268.83

73	72	100.00	0%	100.00
		64.17	10'39" 79'21"	63.06
				163.06
				-.05
				<u>163.01</u>

Mean = 162.96

Jan 26, 1970
Temp 25°



27

sta From	sta To	slope Dist	Vert r	Horiz Dist.
-------------	-----------	---------------	-----------	----------------

72	71	100.00	4° 26' 85 34'	99.70
		30.00	0 70	30.00
		100.00	3 70	99.96'
		24.89	0 70	24.89

254.54

- .07

Mean = 254.43

254.47

71	70	79.91	12° 58. 102 58	77.87
----	----	-------	-------------------	-------

- .02

77.85

Mean = 77.85

70	71	80.05	13° 24 103 24	77.87
----	----	-------	------------------	-------

.02

77.85

Mean = 77.85

Jan 26, 1970

Temp 25°

sta From	sta To	slope Dist	Vert L	Horiz Dist
70	69	100.00	0.70	100.00
		100.00	0.70	100.00
		28.49	0.71	28.49
				<u>228.49</u>
				06
				228.43
		Mean = <u>228.44</u>		

69	70	100.00	0.70	100.00
		100.00	0.70	100.00
		28.50	0.70	28.50
				<u>228.50</u>
				06
				228.44
		Mean = <u>228.44</u>		

Jan. 26, 1920

Temp 25°

29

Sta. From	Sta To	slope Dist	Vert t	Horiz Dist
71	72	100.10	070	100.00
		100.00	75° 0'	99.80
		55.27	070	55.27
				254.47
				<u>- .07</u>
		Mean = <u>254.43</u>		254.40

72	73	100.00	15° 36'	97.66
		65.30	070	65.30
				162.96
				<u>- .05</u>
				162.91

Mean = 162.94

74	75	100.00	13° 31'	97.23
		100.00	103° 31'	99.02
			8° 02'	99.02
		100.00	070	100.00
		101.87	070	100.87
				397.12
				<u>.11</u>
				397.01

Mean = 396.98Jan 26, 1970
Temp 25.2

Stn from	Sta To	Slope Dist.	Dist r	Horiz. Dist.
75	74	100.00	0%	100.00
		100.00	7° 26'	99.16
		100.57	8° 34'	97.98
		100.00	13° 13'	97.98
		100.00	0% 90	100.00
				397.07
				- .11
		Mean = 396.98		396.96

Jan 26, 1970

Temp 25°

75	76	108.00	2%	99.98
		100.00	3%	99.95
		100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		100.00	0%	100.00
		78.00	0%	78.00
		100.00	12° 27'	97.65
		25.00	0%	25.00
		21.67	0%	21.67
				1222.25
				- .34
		Mean = 1221.90		1221.91

Sta	Sta	Slope	Vert	
76	70	D3 f	f	
76	68	79.00	2%	78.96
		54.00	0%	54.00
		18.00	0%	18.00
		35.45	0%	35.45
				186.43
				5
				186.38

Mean = 186.36

68	76	40.00	0%	40.00
		100.00	0%	100.00
		46.39	0%	46.39
				186.39
				105
				186.34

Mean = 186.36

Jan 26, 1970

Temp 25°

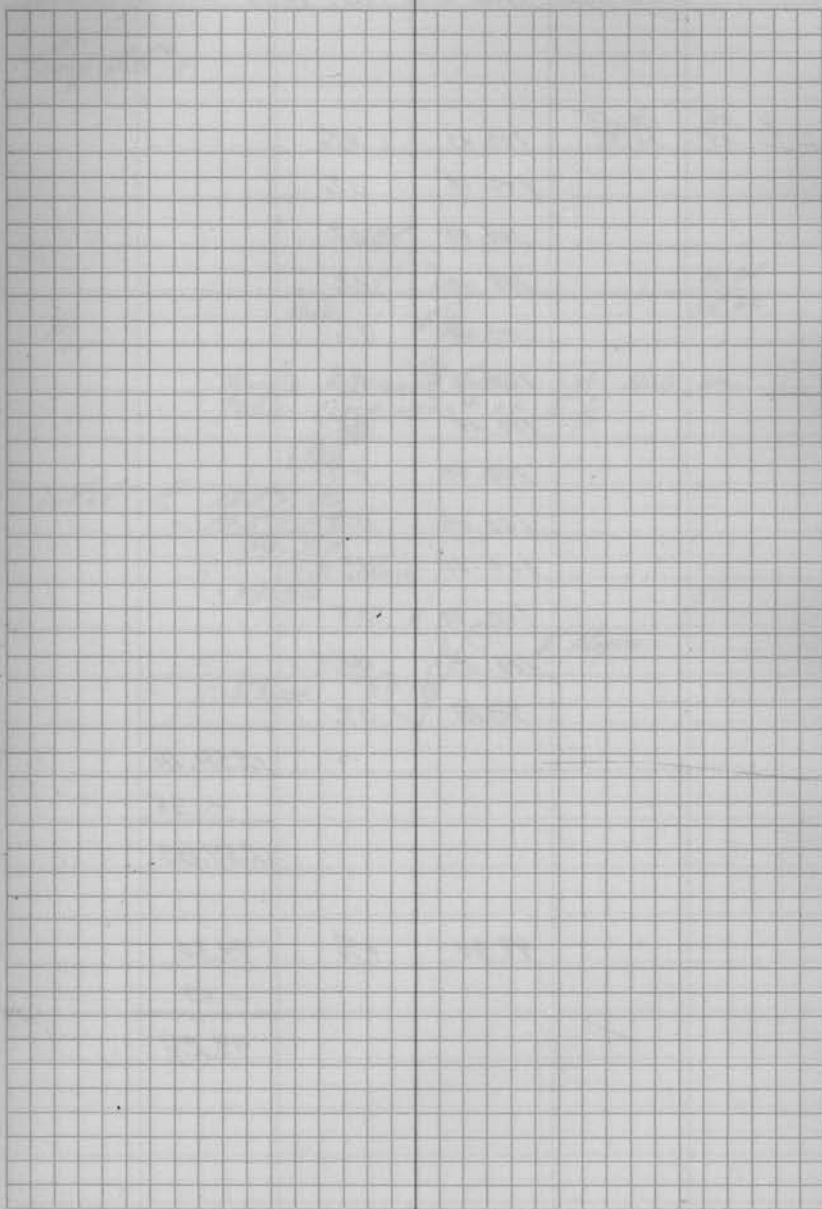
Sta From	Sta To	Slope Dist	Cont t	Horiz Dist.
76	75	87.00	110 34'	85.22
		101.00	101° 34'	98.44
		100.00	110° 09'	100.00
		100.00	0 70	100.00
		100.00	0 70	100.00
		100.00	0 70	100.00
		100.00	0 70	100.00
		100.00	0 70	100.00
		100.00	0 70	100.00
		100.00	0 70	100.00
		100.00	0 70	100.00
		100.00	0 70	100.00
		100.00	0 70	100.00
		38.86	0 70	36.86

1222.24
- .34
1221.90

Mean = 1221.90

Jan 26, 1970

Temp 25°

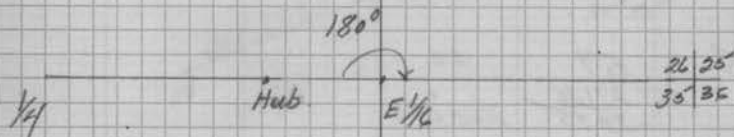


Line East From E $\frac{1}{4}$ bet. 326 & 335 to ^{26/25} 35/36

E $\frac{1}{4}$ ²⁶ / ₃₅	^{26/25} / _{35/36}	100.00	0%	
		100.00	0%	
		100.00	0%	
		100.00	0%	
		100.00	0%	
		100.00	0%	
		100.00	0%	
		100.00	0%	
		100.00	0%	
		100.00	0%	
		100.00	0%	
		100.00	0%	
		100.00	0%	
		100.00	0%	
		58.18	0%	
				1258.18
				- .35
				1257.83
		99.30	0%	99.30
				- .03
				99.27

Jan 27, 1970

Temp. 25°+



Angle turned from 1st Hub on
True line west of E $\frac{1}{4}$

Total of 1257.10
- 1257.83
+ 99.27
+ 99.03 Temp
99.30



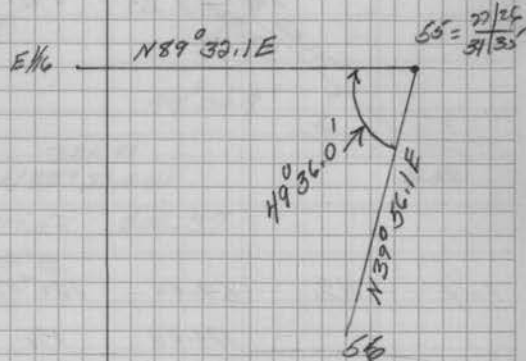
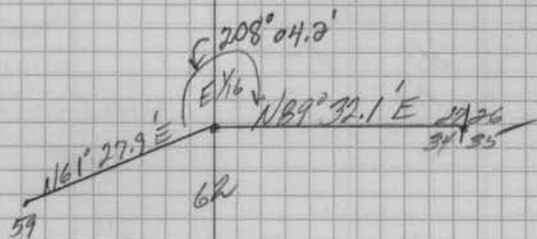
35 Line East From E1/6 bet. S27 & S34
to ~~27/26~~
34/35

Sta Obs Sta Sighted 1st 3rd Mean

(E1/6)
6R
59 50
~~27/26~~
34/35 208° 04.2'

53 56 0.0 ~~146° 46.0'~~
E1/6 49 36.0 148° 46.0'

384 50%



location of Center $\frac{1}{4}$ sec. 27

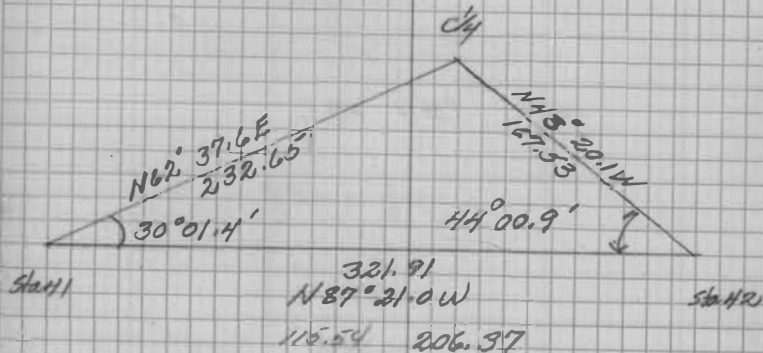
42	41	0-0		
	$\frac{1}{4}$	44 00.9	132-02.8	44 00.9

42	$\frac{1}{4}$	100.00	$0^{\circ} 70'$	100.00
		40.17	$11^{\circ} 43'$	39.33
		28.25	$26^{\circ} 17'$	28.25
			$0^{\circ} 70'$	
				<u>167.58</u>
				05
				<u>167.53</u>

$\frac{1}{4}$	42	69.00	$13^{\circ} 07'$	67.46
		100.00	$102^{\circ} 07'$	
			$0^{\circ} 70'$	100.09
				<u>167.55</u>
				05
				<u>167.50</u>

Jan 29, 1970

Temp 20°



31

Monumenting City Sec. 27

At position located on page 36

Set 2 inch diam. galvanized iron
pipe 5 ft. long, filled with conc.
with brass cap MK6.

T35N R9E

C $\frac{1}{4}$ • 527

'1970

5-802

Maple

8"

566°29'W

8.43

Maple

6"

N04°06'E

35.01

Jan 29, 1970

Resnick
Cochran
Yorker

38 location of East-center $\frac{1}{16}$
Sec. 27

76 68 0-0
E-C $\frac{1}{16}$ 79° 34.6 238 ~~41.8~~ 79 39.9

76 E-C $\frac{1}{16}$ 19.74 070 19.74

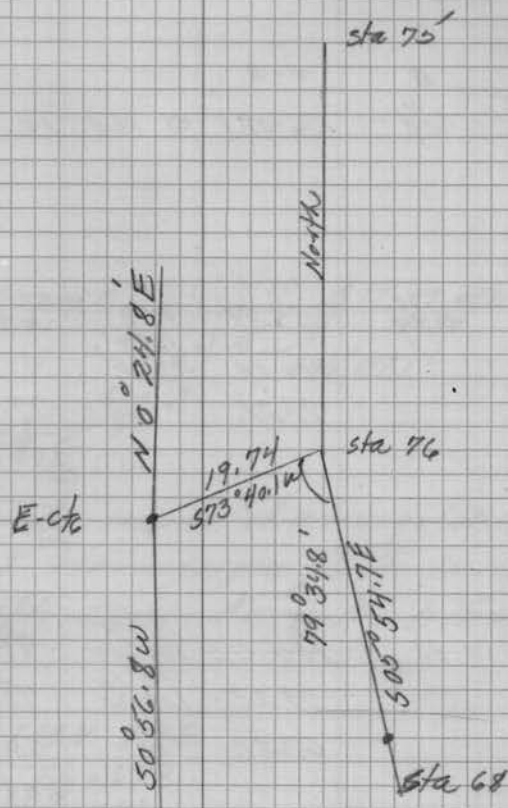
point marked with survey
~~flag~~ in notch of Root on SE
side of 10" white Birch
Birch scribed E-C $\frac{1}{16}$

Blazed and scribed B.T.

W. Birch	Red pine
5"	13"
520 ^w	575 ^w
31.44	15.37

Bearing By Hand compass

Feb. 9, 1970



39

Location C¹/₄ Sec. 22

10	11	0-0		
	C ¹ / ₄	136-07.1	48-21.0	136-07.0
10	C ¹ / ₄	63.79	0 70	63.79
		100.00	13° 18'	97.74
		77.21	0 70	77.21

$$\begin{array}{r} 238.74 \\ .10 \\ \hline 238.64 \end{array}$$

$$\begin{array}{r} 238.64 \\ .10 \\ \hline 238.54 \end{array}$$

C ¹ / ₄	10	100.00	13° 04'	97.79
		79.29	104° 04'	77.10
		63.80	13° 30'	63.80
			103 20	

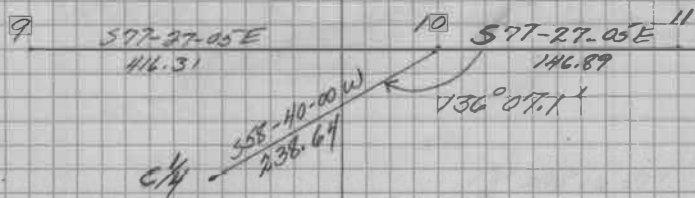
$$\begin{array}{r} 238.69 \\ .10 \\ \hline 238.59 \end{array}$$

$$\begin{array}{r} 238.59 \\ .10 \\ \hline 238.49 \end{array}$$

Feb 9, 1970

Snow & Cold.

Temp 0°



set 2 inch inside diam. galvanized wrought iron pipe, 5 ft. long filled with concrete with brass cap marked

T35N R9E

C¹/₄ 522

1970

S-802

W. Birch
6"

NOHE

19.58

W. Birch
9"

553 E

11.80

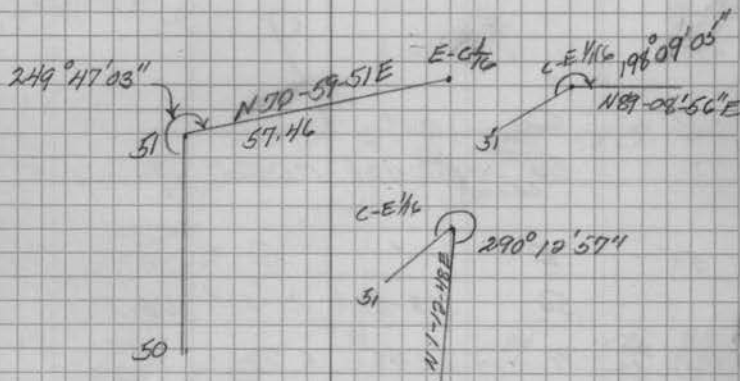
40

Location East - Cont'd 1/6
Sec 27

51	50	1.0			
	E-C 1/6	249-470	29-21.0	249-470	57.49

51	50	57.48	.70	57.48	
				.02	
				57.46	

Feb. 4, 1970



Set. 2 inch inside diam. galvanized wrought iron pipe 5 ft. long, filled with concrete with Brass cap, MKd.

T30N R9E

E 1/4

C — C

S22

1970

S-802

Black
Spruce7 1/4
N 46 E

25.65

Made
9

586 W

13.55

41

line west from W¹/₁₆ to sec. cor 27²⁶
34¹ 35

W ¹ / ₁₆	-	0 0		
A-		178°-27.3	175-22.0	178-27.3

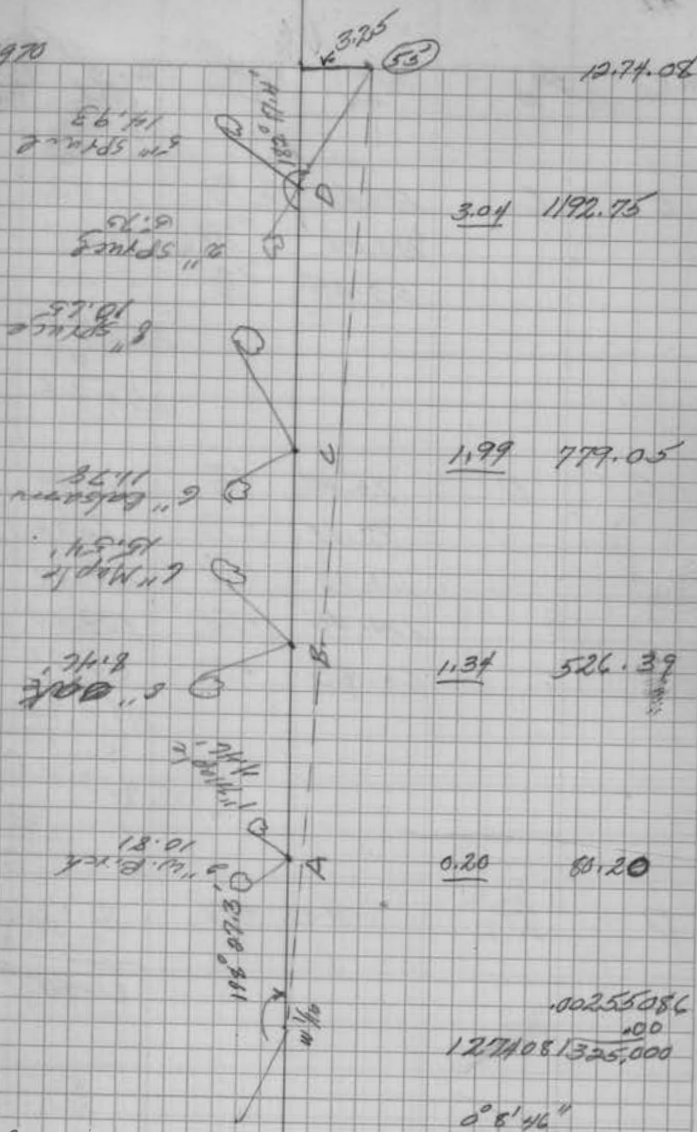
D	C	0-0		
	55	182-17.4	186-52.3	182-17.4

55	D	0-0		
	56	128-27.2	25-21.4	128-27.1
W ¹ / ₁₆ ²⁶ / ₃₃	A	80.48	8.70	80.22 0.2 80.20

A	B	89.00	0%	89.00
		100.00	0%	100.00
		100.00	0%	100.00
		61.00	0%	61.00
		14.00	0%	14.00
		15.00	0%	15.00
		67.38	4%	67.33
				446.33
				14
				446.19

Feb 9, 1970

Temp 20°



$$\sin 25-17.4^{\circ} = 0.39957 \quad 3.25$$

$$\cos 25-17.4^{\circ} = 999.201 \quad 81.33$$

$$\text{True} = 0^{\circ} 8' 46''$$

$$\sin = 802.550$$

42

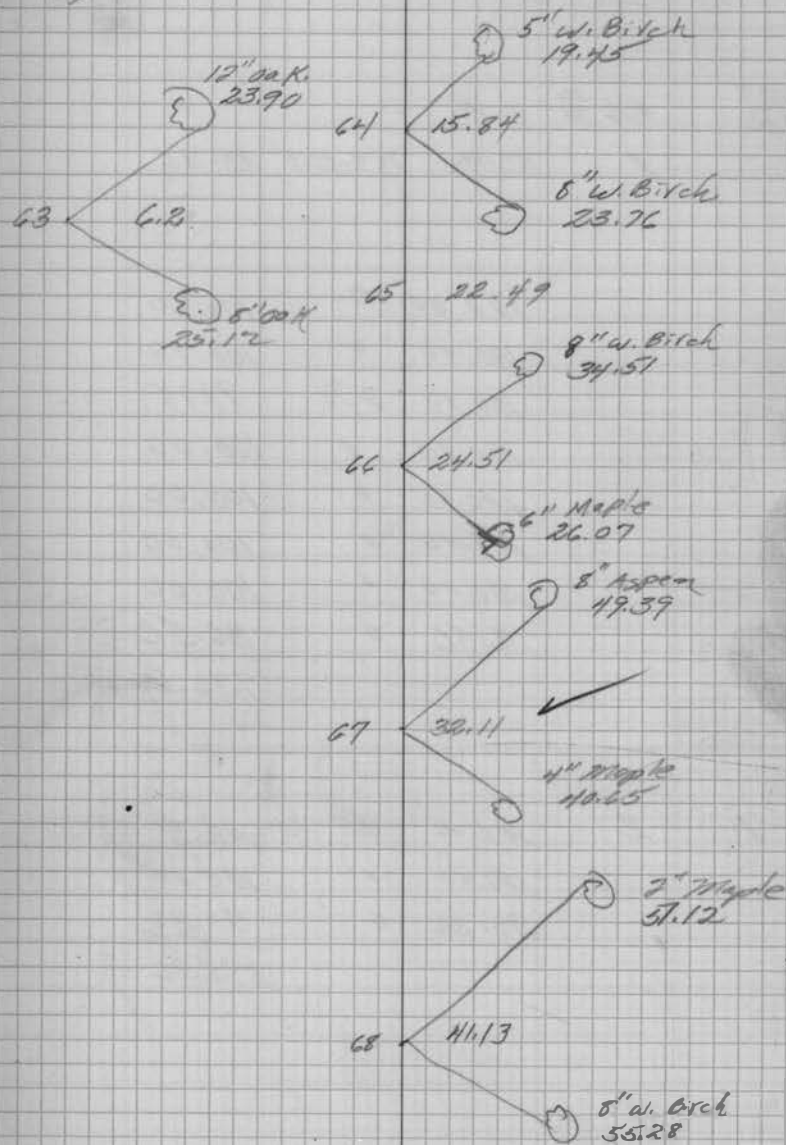
Sta From	Sta To	Slope Dist	Vert \checkmark	Horiz Dist
B	C	100.00	6.90	99.82
		100.00	5.70	99.87
		53.05	0.90	53.05
				252.74
				0.9
				252.66
C	D	75.00	0.90	75.00
		72.00	0.70	72.00
		100.00	0.90	100.00
		100.00	0.90	100.00
		66.83	0.90	66.83
				413.83
				13
				413.90
D	27/26 27/35	81.42	0.90	81.42
				0.48
				81.40

Feb. 9, 1970

Temp. 70°

corrected time between
E/4 bet. sec. 27 & 34 North
& the E-C/4 sec. 27

Feb 9, 1970



44

SE con sec. 26 East. to SE cor
of project.26/25
35/26E 1/2 ²⁶/₃₅

0.0

1

183-19.0

189-56.5

183-18.8

100.00 0

100.00

100.00 0

100.00

100.00 270

99.98

100.00 0

100.00

100.00 0

100.00

100.00 0

100.00

100.00 0

100.00

36.56 0

36.56

734.54

1

2

100.00 0

100.00

100.00 0

100.00

95.36 0

95.36295.36

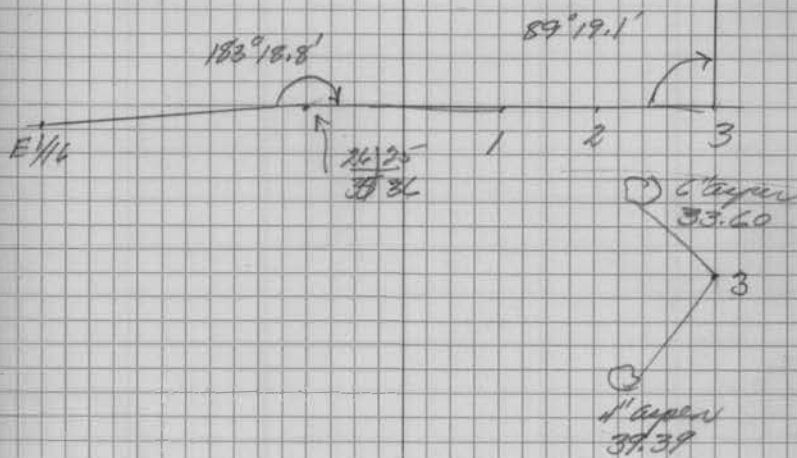
B	2	0.0		
	4	89-19.1	267-57	89-19.0
				288.04

B	3	100.00	0	100.00
		100.00	0	100.00
		72.99	0	72.99
		15.05	0	15.05
				<u>288.04</u>

Feb. 10, 1970
Temp 25°

1319.94

line north



Pages 46 through 59 are blank

60

AT Sta 31 sighting Sta 30

	Angle	Time	P.M.
Mark	0-0		
star	115-29.5	7:31:22	
star	115-29.5	7:31:59	
star	115-29.2	7:32:19	
Mark	0-0		

Mark 180-00.0

star 295-22.0

7:39:10

star 295-22.0

7:37:50

star 295-22.0

7:38:10

7:37:10

Mark 180-00.0

Jan 5, 1970

Watch - 11 sec. slow

Sta 30 - Book # of page 5 North line
of Sec. 22

61

T @ Sta 5 sighting Sta #1

Watch - 9 sec. slow

	Time	Angle	Time	P.M.
Mark		180-00.0		
star		95-18.4	8:15:49	
star		95-18.4	8:16:16	
star		95-18.4	8:16:31	
Mark		180-00.0		

Mark		0-0		
star		275-16.2	8:25:34	
star		275-16.2	8:25:52	
star		275-16.2	8:26:04	
Mark		0-0		

Jan. 5, 1969

Sta 5 - Book 2, page 2 Line East from
West 1/4 sec. RR.

Pages 62 through 69 are blank

70

Sta. from	Sta. to	Slope dist.	vert. angle	Corr. dist.
--------------	------------	----------------	----------------	----------------

1	2	100.00	0%	
		96.34	0%	

2	3	100.00 + 07.00		
		59.33	0%	

1-3	360	
3-4	220	
4-5	400	
5-6	340	1320
6-7	450	1770
7-8	390	2160
8-9	400	2560
9-10	410	2970
10-11	160	3130
11-12	320	3450
12-13	130	3580
13-14	230	4230
14-15	140	4370
15-16	400	4770

1320
2140
3960

5280

4330

370

5290

4770

370

IMPROVED TABLES

	560 180 380	22 1 178-25-20
175-17-20		3 534-75-60
176-01-20		76-60
175-20-20		535-16
183-24-00		360
157-25-20		175
217-24-20		178-40-40
		2 534-120-120
		524-02-00
		380
		746
		166-01-00
		175-00-20
		3 525-60-60
		506-01-00
		180
		346-01-00
		180
		160-01-20
		217-24-20
		651-72-60
		73-00
		622-13-00
		340
		292

INDEX

Page

1-5 Line East from W $\frac{1}{4}$ sec. 22
To E $\frac{1}{4}$ (angles)

6-13 line west from $\frac{27}{34}$ / $\frac{26}{35}$ to $\frac{1}{4}$ $\frac{327}{534}$

60 & 61 star shots.

15 Line North from E $\frac{1}{16}$ bet
sec. 27 & 34 To sta. 47 on E-W center line

20 chainage for line North from E $\frac{1}{16}$
bet. sec. 27 & 34 see page 15

17 line south from E $\frac{1}{16}$ bet. sec. 27 & 27
to intersect E-W center line at
sta. 47

16 Monumenting E $\frac{1}{16}$ bet. sec. 27 & 34

26 Chainage for line south from
E $\frac{1}{16}$ bet. sec. 27 & 27 see page 17

18. Correction to true line North
from E $\frac{1}{16}$ $\frac{27}{34}$ to E-C $\frac{1}{16}$ sec 27

19 offset corrections for line from
E $\frac{1}{16}$ $\frac{27}{27}$ south to E-C $\frac{1}{16}$ sec. 27

37 Monumenting c $\frac{1}{4}$ sec. 27

IMPROVED TABLES AND INFORMATION

HORIZONTAL STADIA CORRECTIONS

2°-00'	— 0.1	21°-00'	— 12.8	33°-00'	— 29.7
3°-00'	— 0.3	21°-30'	— 13.4	33°-15'	— 30.1
4°-00'	— 0.5	22°-00'	— 14.0	33°-30'	— 30.5
5°-00'	— 0.8	22°-30'	— 14.7	33°-45'	— 30.9
6°-00'	— 1.1	23°-00'	— 15.3	34°-00'	— 31.3
7°-00'	— 1.5	23°-30'	— 15.9	34°-15'	— 31.7
8°-00'	— 1.9	24°-00'	— 16.5	34°-30'	— 32.1
9°-00'	— 2.5	24°-30'	— 17.2	34°-45'	— 32.5
10°-00'	— 3.0	25°-00'	— 17.9	35°-00'	— 32.9
10°-30'	— 3.3	25°-30'	— 18.6	35°-15'	— 33.3
11°-00'	— 3.6	26°-00'	— 19.2	35°-30'	— 33.7
11°-30'	— 4.0	26°-30'	— 19.9	35°-45'	— 34.1
12°-00'	— 4.3	27°-00'	— 20.6	36°-00'	— 34.6
12°-30'	— 4.7	27°-30'	— 21.3	36°-15'	— 35.0
13°-00'	— 5.1	28°-00'	— 22.0	36°-30'	— 35.4
13°-30'	— 5.5	28°-30'	— 22.8	36°-45'	— 35.8
14°-00'	— 5.9	29°-00'	— 23.5	37°-00'	— 36.2
14°-30'	— 6.3	29°-30'	— 24.3	37°-15'	— 36.6
15°-00'	— 6.7	30°-00'	— 25.0	37°-30'	— 37.1
15°-30'	— 7.2	30°-15'	— 25.4	37°-45'	— 37.5
16°-00'	— 7.6	30°-30'	— 25.8	38°-00'	— 37.9
16°-30'	— 8.1	30°-45'	— 26.2	38°-15'	— 38.3
17°-00'	— 8.5	31°-00'	— 26.5	38°-30'	— 38.7
17°-30'	— 9.0	31°-15'	— 26.9	38°-45'	— 39.1
18°-00'	— 9.5	31°-30'	— 27.3	39°-00'	— 39.6
18°-30'	— 10.1	31°-45'	— 27.7	39°-15'	— 40.0
19°-00'	— 10.6	32°-00'	— 28.1	39°-30'	— 40.5
19°-30'	— 11.2	32°-15'	— 28.5		
20°-00'	— 11.7	32°-30'	— 28.9		
20°-30'	— 12.3	32°-45'	— 29.3		

Chains to Feet

1	..... 66
2	..... 132
3	..... 198
4	..... 264
5	..... 330
6	..... 396
7	..... 462
8	..... 528
9	..... 594
10	..... 660

Feet to Chains

100	.... 1.515
200	.... 3.030
300	.... 4.545
400	.... 6.060
500	.... 7.575
600	.... 9.090
700	.... 10.606
800	.... 12.121
900	.... 13.636
1,000	.... 15.151