

Bathey

SURVEY MARKING EQUIPMENT



SPECIAL CAPS



STANDARD CAPS



MONUMENT
MARKER



STAKES



FILED
RECEIVED

DRIVER
CAP

MAR 22 1963



COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.

This is all information
I have on line of 34

T235 R4W

I think he started at
N $\frac{1}{4}$ and went East then
later started at same
N $\frac{1}{4}$ and went West.

C. S. File No. 51/102-2A

BATHEY MANUFACTURING COMPANY

100 SOUTH MILL ST.

PLYMOUTH, MICH.

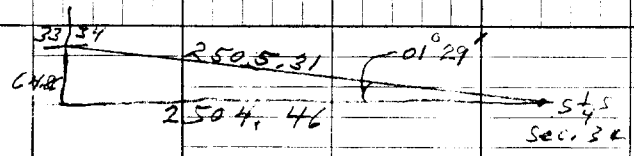
W 1/2 South Line
 Sec. 34 T23S R4W

Computed by

Checked by

Sta- tions	Course		Latitude		Departure		Balanced		Double Meridian Distance	-Double Areas to True	
	Bearing	Distance	N +	S -	E +	W -	Lat.	Dep.		North	South
S 7/8											
A	S86°45'W	416.80		33.62		416.13	0+0.00	0+0.00			
B	N83°04'W	283.10	24.17			281.03	-23.63	-416.13	10.78	34.41	
C	N77°24'W	112.24	24.83			111.10	+10.54	697.16	18.32	7.52	
D	S81°29'W	254.17		37.64		251.37	+35.37	808.26	20.93		14.44
E	N83°04'W	296.11	35.47			293.97	-21.27	1059.63	27.44	29.71	
F	S78°52'W	293.55		51.68		288.02	+33.23	1353.60	35.06	1.84	
G	S89°24'W	67.33		0.71		67.83	-23.46	1641.62	42.51	65.97	
H	N75°40'W	98.07	24.28			95.08	-24.17	1709.45	44.27	68.47	
I	N80°25'W	192.25	32.01			189.57	+00.11	1804.47	46.73	41.62	
J	N84°03'W	193.21	20.03			192.17	+32.12	1994.04	57.64	17.52	
K	N85°18'W	319.20	6.50			219.10	+52.15	2186.21	56.62	4.47	
L	N86°25'W	19.34	6.21			97.15	+58.65	2405.31	62.29	3.44	
M	N87°02'W	180.94	12.52			180.51	+64.86	2504.46	64.86	0.00	
N	S72°15'W	17.10		5.21		16.29	+72.38	2684.97			
O							+72.17	2706.26			

Tan. = .025897778



To set w/ks:
 Set up on E, sight on D
 Turn left 06°08', 141.44 ft.
 Bearing from E to 1/2 E is S89°15'E

Calc 1/2 = 2504.46
 Dist from 33/34 to 34/35 = 5169.15
 5169.15 = 1292.29
 2504.46 - 1292.21 = 1212.17

Dep. of W 1/2 S = -1212.17
 Lat. of W 1/2 S = +31.38

C. S. File No.

51/102

Traverse Co-Ordinates and Areas for Job No.

Sheet No.

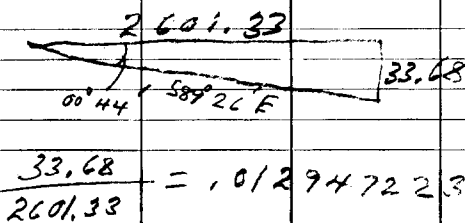
A2

E. 1/2 South Line
 Sec. 34 T232 N 4 W

Computed by

Checked by

Sta- tions	Course		Latitude		Departure		Balanced		Double Meridian Distance	Double Areas	
	Bearing	Distance	N+	S-	E+	W-	Lat.	Dep.		North	South
#	N89° E	201.33	3.57		201.30						
A	N89° E	114.51	2.00		114.49		3.50	201.30	2.61		6.11
B	N89° E	60.45	1.05		60.44		5.57	315.79	4.09		9.59
C	N89° E	338.27	5.90		338.22		6.55	376.23	4.87		11.42
D	N89° E	230.85	4.03		230.82		12.45	714.45	9.25		21.70
E	N83° 10' E	61.83	7.36		61.39		16.48	945.27	12.24		28.72
F	S86° 25' E	78.55		4.95	78.29		23.84	1206.65	13.03		36.87
G	S89° 45' E	341.29		1.49	341.29		18.89	1885.05	14.05		32.94
H	S87° 04' E	138.74		7.10	138.56		17.40	1426.34	15.47		35.87
I	S89° 42' E	225.91		1.18	225.91		10.30	1564.90	20.26		30.56
J	S83° 46' E	377.70		41.01	375.47		9.12	1790.81	23.19		32.31
K	S84° 37' E	212.97		18.75	212.14		-31.89	2166.28	28.05	3.84	
L	N83° 35' E	175.60	19.62		174.50		-50.64	2378.42	30.77	19.85	
M	S86° 51' E	48.48		2.66	48.41		-31.02	2552.92	32.05		2.03
312		63.36			63.36		-33.68	2601.33	32.68		
cc 3455							-33.68	2664.69			



$\frac{33.68}{2601.33} = .012947223$