

STERLING HWY MI. 37 TO 60

CONTROL SETOUT 30001522 9/86

85.18.05 STERLING HWY: MP 37 to 60



CROSS SECTION BOOK

82 0056

RP #2
Ht. 5.31

RP #1

M=256°-41'-21.5" Temp PT.
Hm. 5.19

8,875.78 8,873.82

Temp PT.

RP #2

(1) 91°-56'-53"
(2) 91°-56'-51"
M=91°-56'-52" ROT 1626+69.14

N 2,377,437.905
E 516,716.284

PT. 1626+33.32
5/8" Rebar set

AZ 12°-32'-29"
1.74

Temp Set PT.

N 2,377,436.999
E 516,715.971

G.D. = 8,873.82
AZ = 256°-41'-21.5"
ROT 1626+69.14
AZ = 91°-56'-52"

N 2,379,472.624
E 525,322.210

RP #2

AZ = 114°-34'-48"

RP #1

3 T STA

B.S.

AZ.

E.S.

H.D.

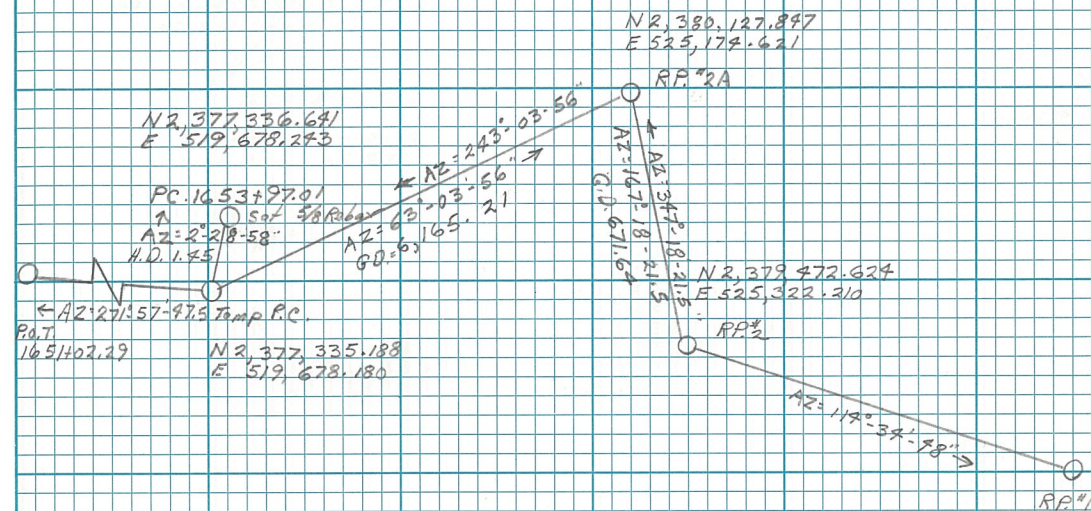
G.D.

(1) $397^{\circ}18'20''$
 (2) $397^{\circ}18'23''$
 RP#2 RP#1 M: $397^{\circ}18'21.5''$ RP#2A 671.79 671.64

(1) $243^{\circ}03'56''$
 (2) $243^{\circ}03'56''$
 RP#2A RP#2 M: $243^{\circ}03'56''$ Temp P.C. 6,166.48 6,165.21

(1) $271^{\circ}57'47''$
 (2) $271^{\circ}57'48''$
 Temp P.C. RP#2A M: $271^{\circ}57'47.5''$ P.O.T. 16514.02.29

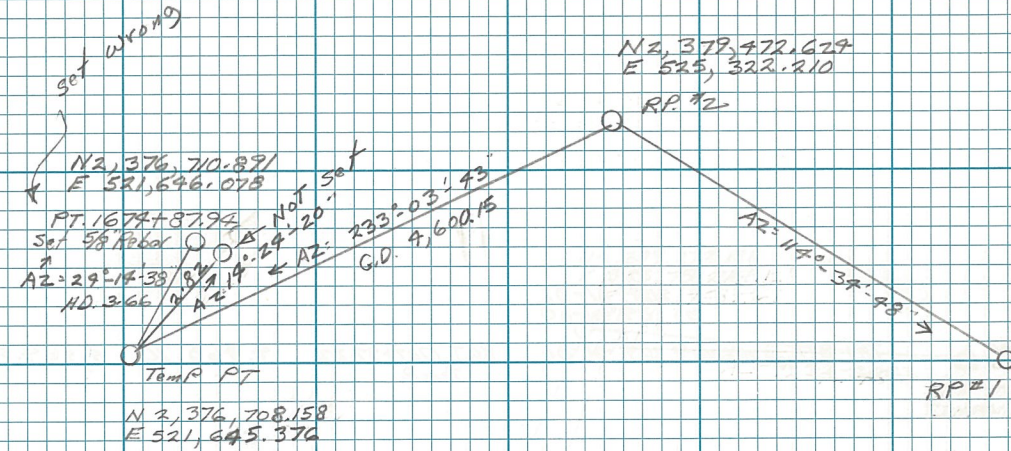
Sept.



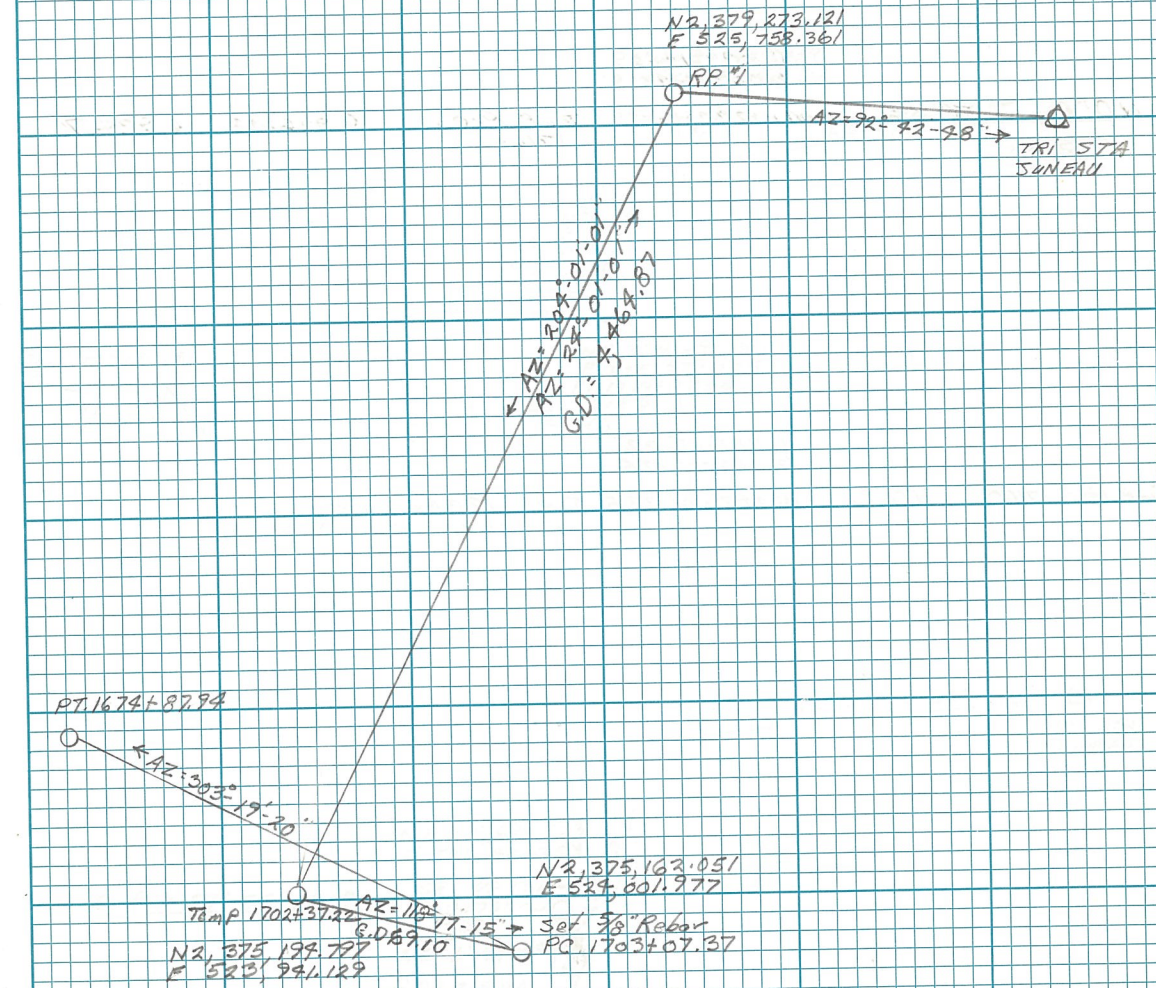
4 T STA B.S. AZ. F.S. H.D. G.D.

RP#2 RP#1 M=233°03'43" Temp PT 4,601.10 4,600.15

(1) 233°03'43"
(2) 233°03'43"



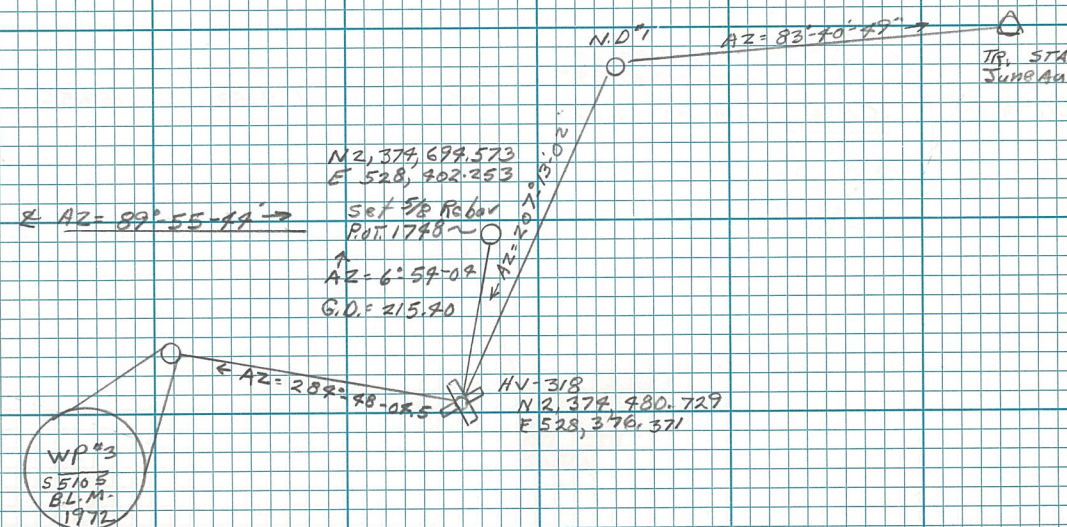
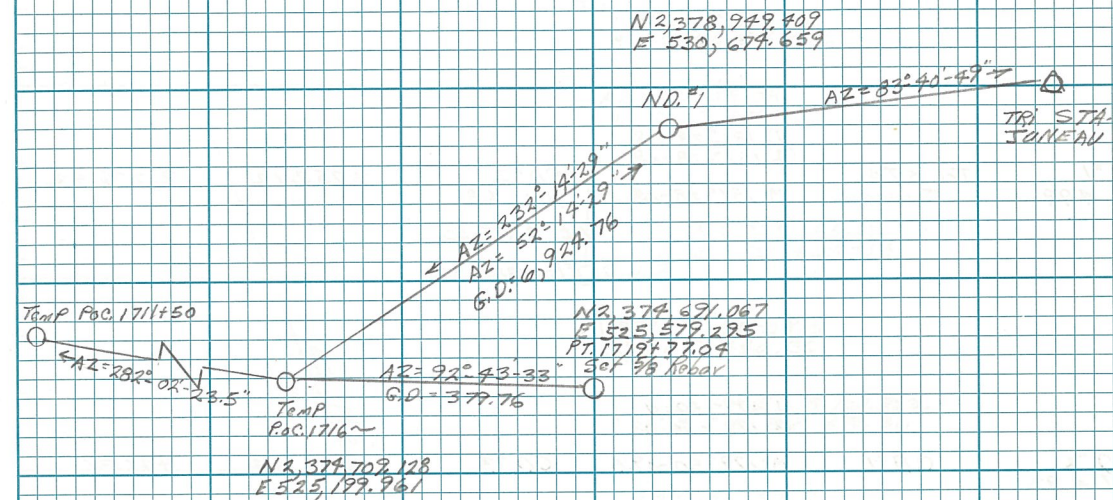
S	T STA	B.S.	AZ.	F.S.	H.D.	G.D.
		(1) 209°-01'-02"				
		(2) 209°-01'-00"				
RP #1	TRI STA. SUNEAD = 209°-01'-01"	P.O.T. 1702+37.22		4,465.70	4,469.87	
		Temp				



ND #1 TRI STA JUNEAU M=232-14-29 Temp POC. 1716~ 6,926.05 6,924.76
 (1) 232°-14-29
 (2) 232°-14-29

Temp POC 1716~ ND #1 M=262°-02-23.5 Temp POC. 1711+50
 (1) 282°-02-22
 (2) 282°-02-25

HV-318 ND #1 M=284°-48-09.5 WP #3 237.60
 (1) 284°-48-09
 (2) 284°-48-05



Tri STA. SUNEAV
HI. 5.06
Elev. 3,210.29

Tri STA. Bohan
M=107°55'-57"
(1) 107°55'-57"
(2) 107°55'-58"
M=107°55'-52.5
CD#1
HI. 4.99
NM=4.72
AE=-16.77
Elev=3,193.86

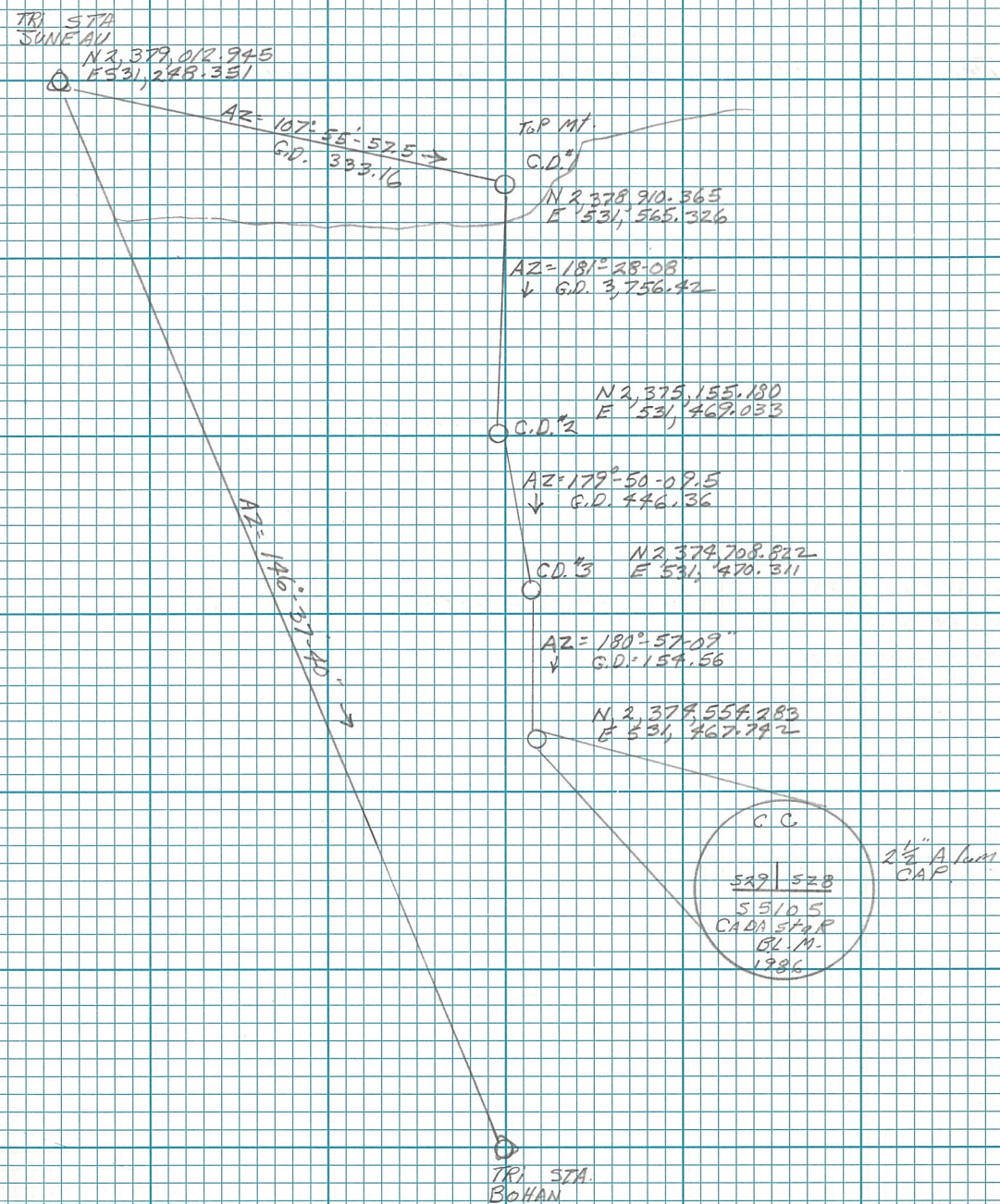
CD#1
HI. 4.99
Tri STA. SUNEAV
M=181°28'-08"
(1) 181°28'-08"
(2) 181°28'-08"
M=181°28'-08"
CD#2
HI. 4.81
AE=-2,407.50
Elev. 786.54

CD#2
HI. 4.93
CD#1
M=179°50'-11"
(1) 179°50'-11"
(2) 179°50'-08"
M=179°50'-09.5
CD#3
HI. 4.77
CD#2
M=180°57'-09"
(1) 180°57'-09"
(2) 180°57'-09"
M=180°57'-09"
CD#3
HI. 4.77
CD#2
M=180°57'-09"
(1) 180°57'-09"
(2) 180°57'-09"
M=180°57'-09"
CD#3
HI. 4.77
CD#2
M=180°57'-09"
(1) 180°57'-09"
(2) 180°57'-09"
M=180°57'-09"

CD#1
HI. 4.99
Tri STA. SUNEAV
M=181°28'-08"
(1) 181°28'-08"
(2) 181°28'-08"
M=181°28'-08"
CD#2
HI. 4.81
AE=-2,407.50
Elev. 786.54

CD#2
HI. 4.93
CD#1
M=179°50'-11"
(1) 179°50'-11"
(2) 179°50'-08"
M=179°50'-09.5
CD#3
HI. 4.77
CD#2
M=180°57'-09"
(1) 180°57'-09"
(2) 180°57'-09"
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CD#3
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(1) 180°57'-09"
(2) 180°57'-09"
M=180°57'-09"
CD#3
HI. 4.77
CD#2
M=180°57'-09"
(1) 180°57'-09"
(2) 180°57'-09"
M=180°57'-09"



⊕ CD 3

AZ 180°-57'-09"

↓

10.44'

P.O. T. 1778+67.88
Set 5/8 Rebar

AZ = 89°-55'-44"

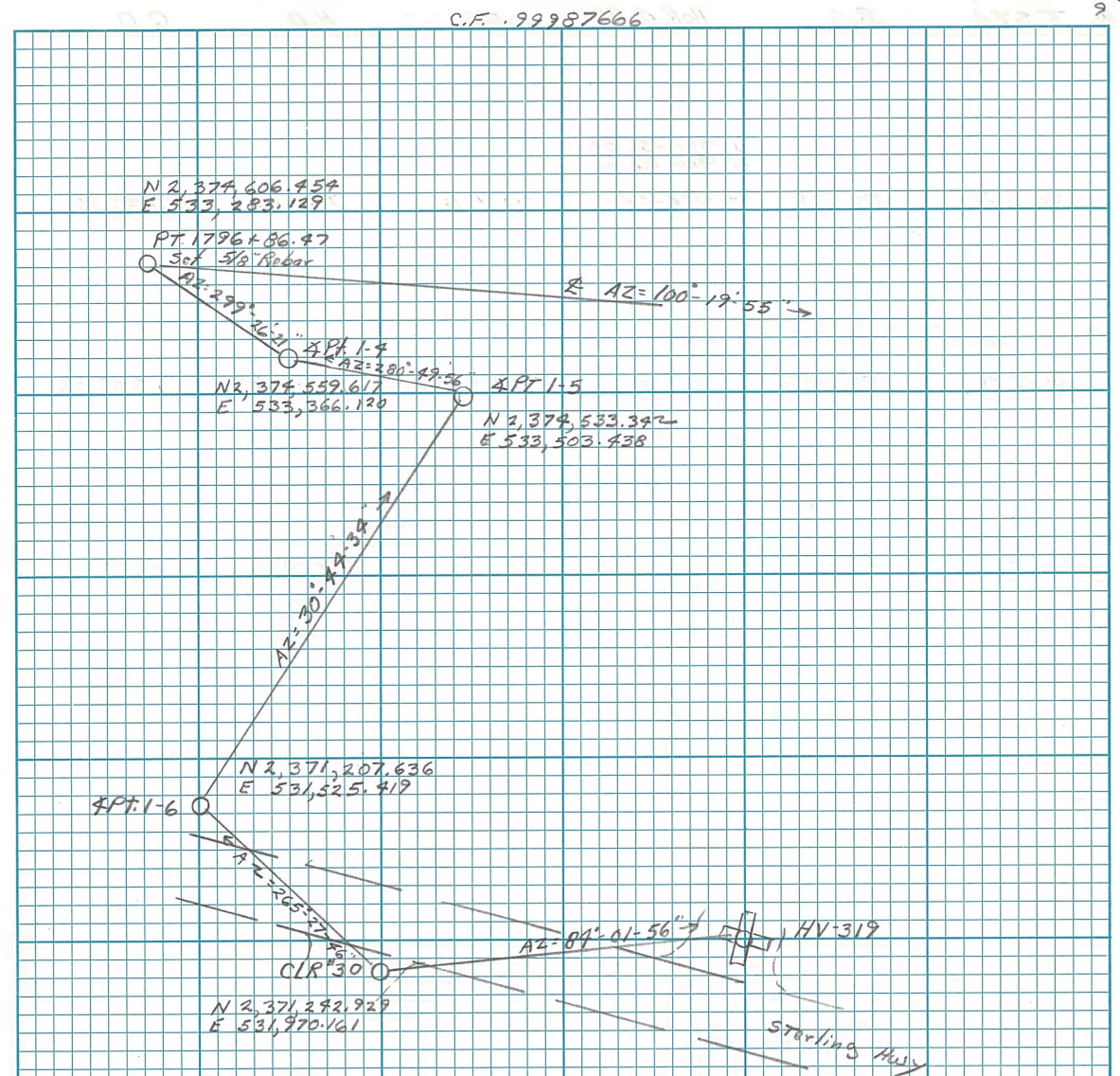
PC 1786+76.16

⊕ Set 5/8 Rebar

N 2,374.699, 352
E 532, 248, 414

⊕ B.L.M.
Mon. from Page 7

2	1 STA	B.S.	Hor. & Alt.	F.S.	H.D.	G.D.
			(1) 181°-25'-49" (2) 181°-25'-51"			
CLR #30	HV-319	M=181°-25'-50"	4 PT 1-6	446.20	446.19	
		AZ=265°-27'-46"				
		(1) 305°-16'-49" (2) 305°-16'-47"				
4 PT 1-6	CLR #30	M=305°-16'-48"	4 PT 1-5	3,869.96	3,869.78	
		AZ=30°-49'-39"				
		(1) 70°-05'-23" (2) 70°-05'-20"				
4 PT 1-5	4 PT 1-6	M=70°-05'-22"	4 PT 1-4	139.83	139.81	
		AZ=280°-49'-56"				
4 PT 1-4	4 PT 1-5		PT 1796+86.47	75.31	95.30	
		AZ=299°-26'-21"				



TS #39 TS #38 M-358°-56'-21" QPT 0 731.05 730.96

QPT 0 TS #39 PC 1824+14.82 1,307.72 1,307.56
AZ=2°-57'-08"

(1) 358°-56'-20"
(2) 358°-56'-22"

N 2,374,117.124
E 535,967.245 # 1102
PC 1824+14.82
Set 58' Pegs

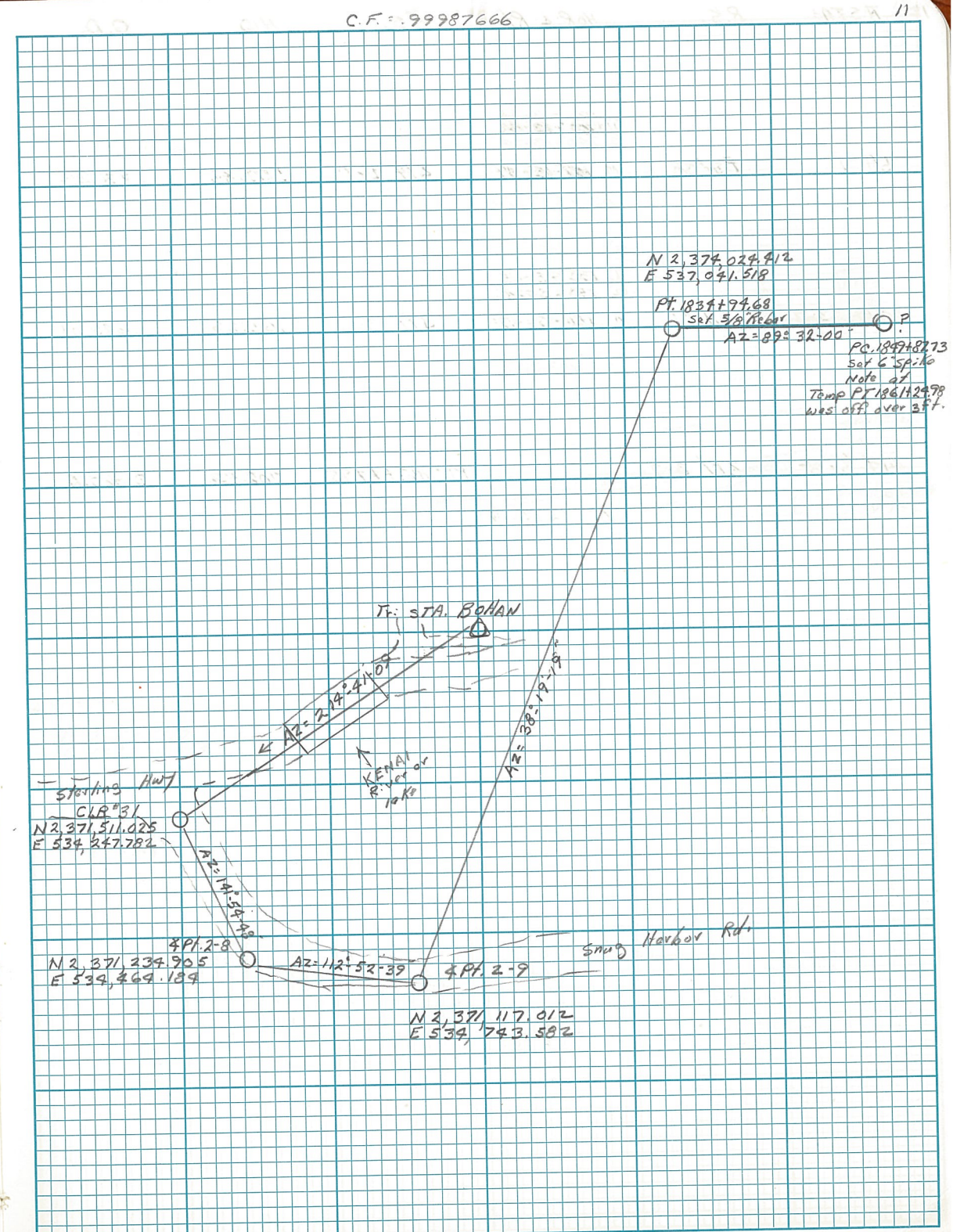
AZ=2°-57'-08"

A frame House # 1101
N 2,372,811.302
E 535,899.901
QPT 0

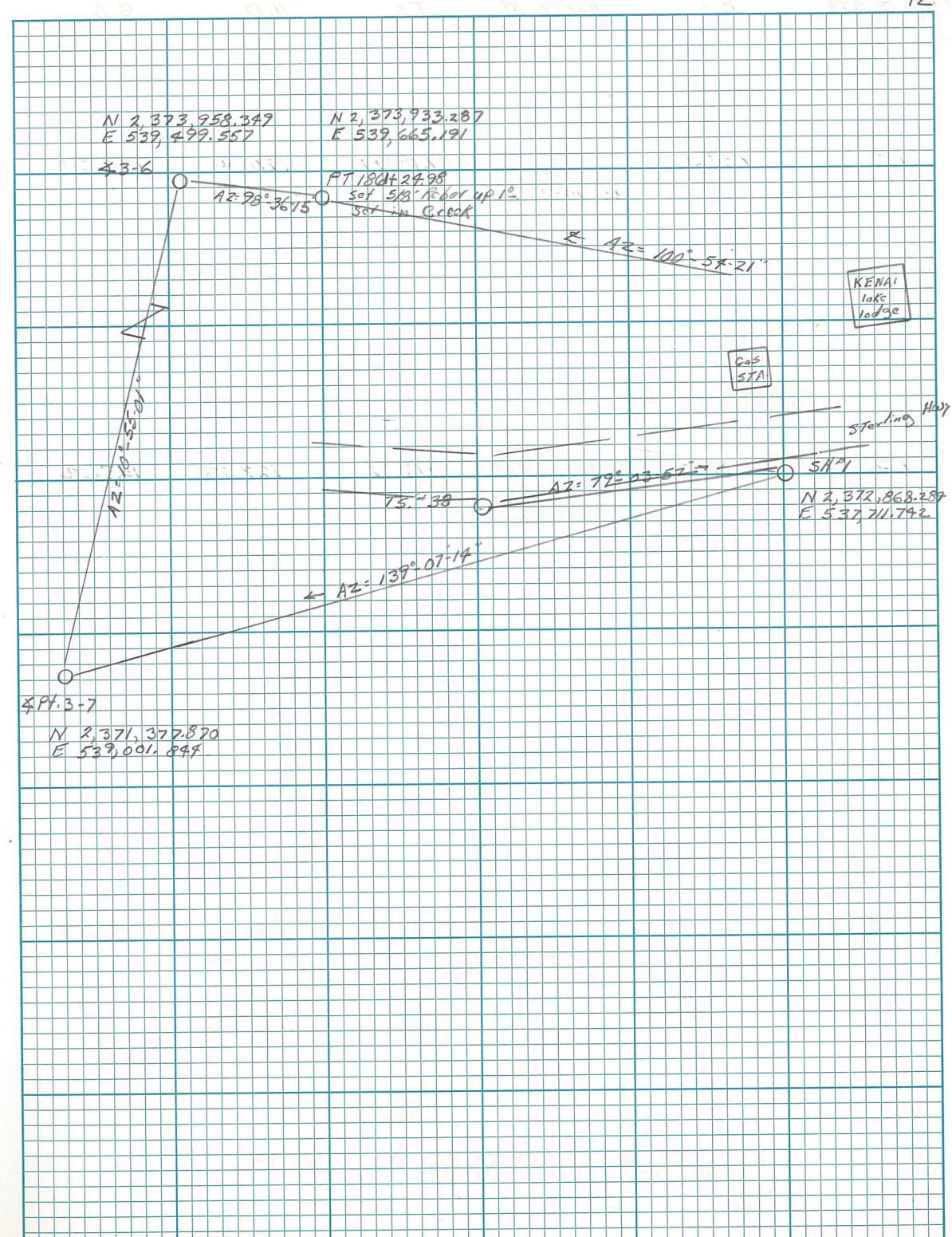
bear Cr. Rd
TS #39 N 2,372,710.754
E 535,175.738
AZ=27°-49'-11" →
← AZ=278°-52'-50" TS #38

stealing Hwy

"	STA	B.S.	HOR. & RT.	F.S.	H.D.	G.D.
			(1) 107°-13'-38" (2) 107°-13'-40"			
CLR #31	BOHAN	M=107°-13'-39"	4 PT 2-8	350.86	350.82	
		(1) 150°-57'-52" (2) 150°-57'-49"				
4 PT 2-8	CLR #31	M=150°-57'-51"	4 PT 2-9	303.29	303.25	
4 PT 2-9	4 PT 2-8		PT 1834+94.68	3,706.32	3,705.97	
		AZ=38°-19'-19"				



12	T STA.	B.S.	HOR. & RT.	F.S.	H.D.	G.D.
SH #1	TS #38	① 240°-03-19" ② 240°-03-24" M: 240°-03-21.5" AZ: 139°-07-14"	4 PT #37	1,971.46	1,971.22	
4 PT #3-7	SH #1	① 51°-47'-46" ② 51°-47'-48" M: 51°-47'-47" AZ: 10°-55-01"	4 PT #3-6	2,628.60	2,628.04	
4 PT 3-6	4 PT 3-7		PT. 1861+2498	167.53	167.52	



4 P.M.

T.S. #32

PC 1893+19.48

120.30

120.29

AZ = 50° 32' 32"

T.S. #32

T.S. #31

M. 272° 06' 49"

4 P.M.

558.17

558.10

AZ = 272° 06' 49"

T.S. #31

T.S. #32

FO PT 1911+22.85 BK
P.O.T. 1903+41.32 AHD.

316.93

AZ = 125° 49' 42"

316.97

N 2,373,252.455
E 542,709.111PK. Nail in
Ground

AZ = 50° 32' 32"

PC 1893+19.48

N 2,373,328.908
E 542,801.995

T.S. #32

AZ = 272° 06' 49"

T.S. #31

N 2,372,838.119
E 542,208.220

AZ = 125° 49' 42"

PK. Nail

FO PT 1911+22.85 BK
P.O.T. 1903+41.32 AHD.