

INDEX OF SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

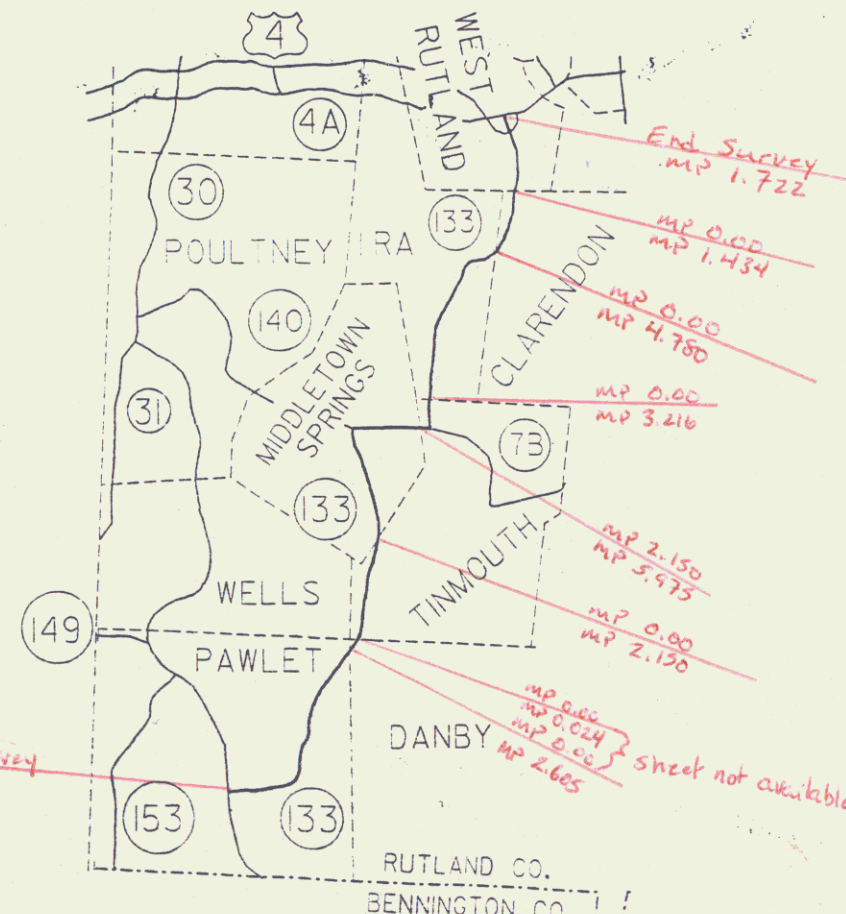
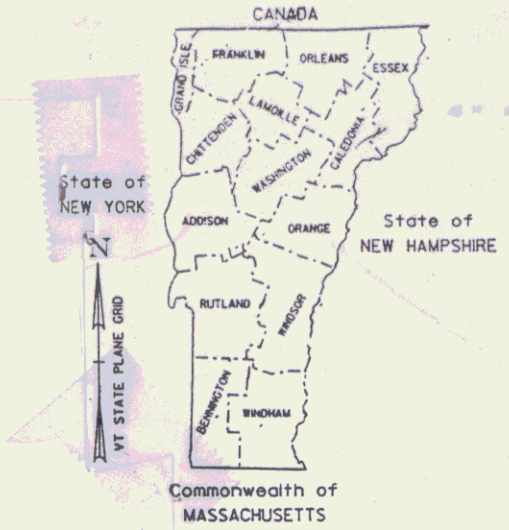


PROPOSED IMPROVEMENT
COUNTY OF RUTLAND

TOWNS OF PAWLET, DANBY, TINMOUTH
MIDDLETOWN SPRINGS, IRA, CLARENDON, WEST RUTLAND

VERMONT ROUTE 133

Pin# 99R656



Preliminary resurvey

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of _____
(To Be Returned To R.O.W. Division)

Final per Paul Hodge 8/1/01

Checked 3/8/00 mlc

Date 1/1/1930

CONVENTIONAL SIGNS

LINE	---
DE	---
ACCESS	---X
ACCESS	---X
DE	---
ALL	-----
D WAY	-----
AL	-----
LINE	-----
POLE	⊕
POLE	⊕
OF ADJ	///
Y LINE	---
KING LINE	---
CHTS	SR
BIT	---
SLOPE	---

DATUM

VERTICAL	---
HORIZONTAL	---

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE AGENCY SECRETARY. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1966, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON NOVEMBER 21, 1965 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD	
APPROVED _____	DATE _____
DIRECTOR OF ENGINEERING	
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED _____	DATE _____
DIVISION ADMINISTRATOR	
PROJECT	MSA 7317
SHEET	1 OF SHEETS



CURVE DATA FOR SCHOOL ST.
 $\Delta = 74^{\circ} 15' 00''$ LT
 $D = 59^{\circ} 59' 44''$
 $R = 95.50'$
 $T = 72.29'$
 $L = 123.76'$
 $E = 24.28'$

MP 0000

PAWLET CURVE #2
 $\Delta = 12^{\circ} 52' 20''$ LT
 $D = 4^{\circ} 00' 00''$
 $R = 1432.39'$
 $T = 161.58'$
 $L = 321.81'$
 $E = 9.09'$

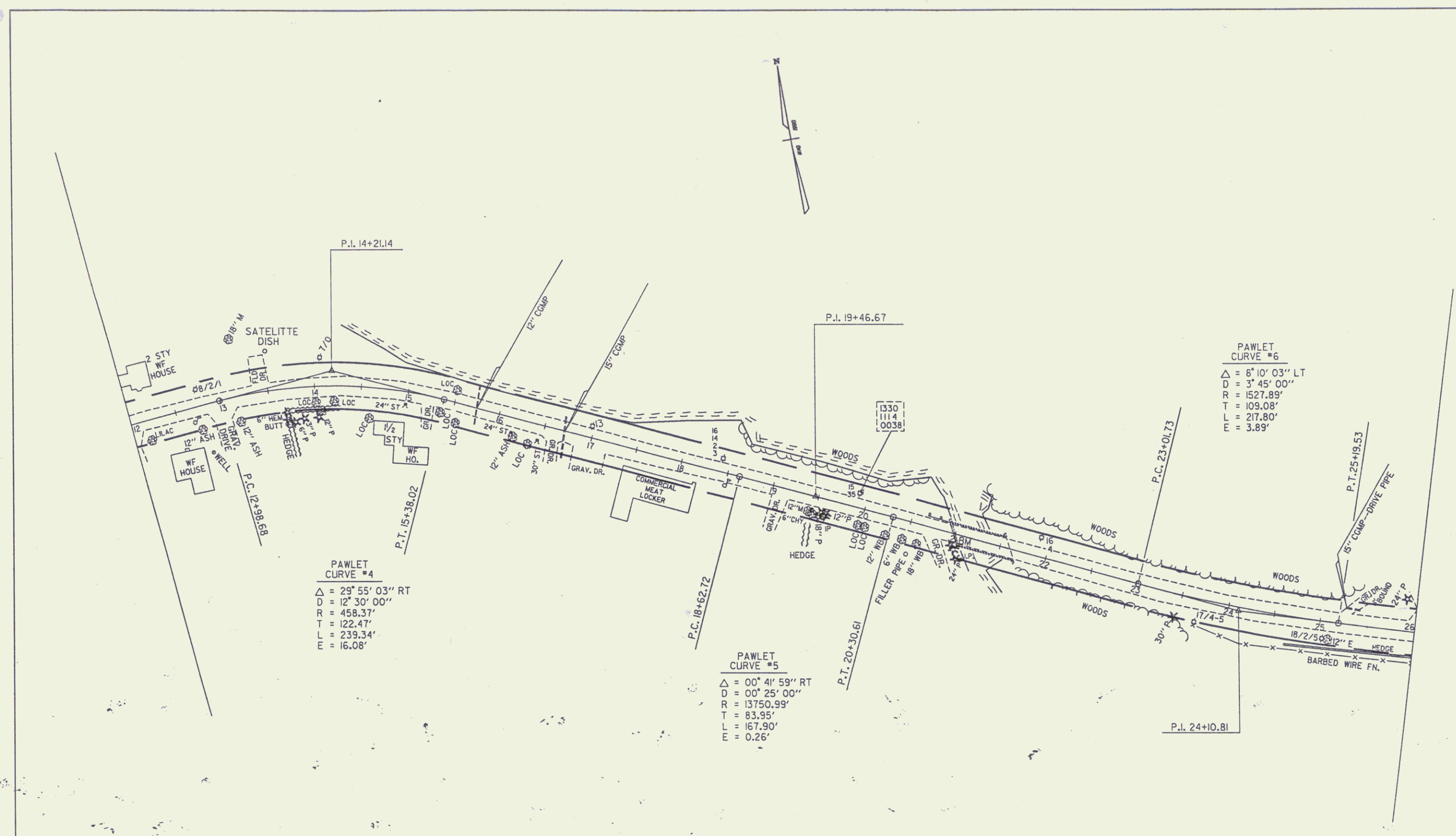
PAWLET CURVE #1
 $\Delta = 28^{\circ} 04' 47''$ RT
 $D = 16^{\circ} 00' 00''$
 $R = 358.10'$
 $T = 89.55'$
 $L = 175.50'$
 $E = 11.03'$

PAWLET CURVE #3
 $\Delta = 2^{\circ} 24' 18''$ RT
 $D = 1^{\circ} 15' 00''$
 $R = 4583.66'$
 $T = 96.21'$
 $L = 192.40'$
 $E = 1.01'$

TO POULNEY VT 30

TO DANBY

Sheet 2
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.763VT1

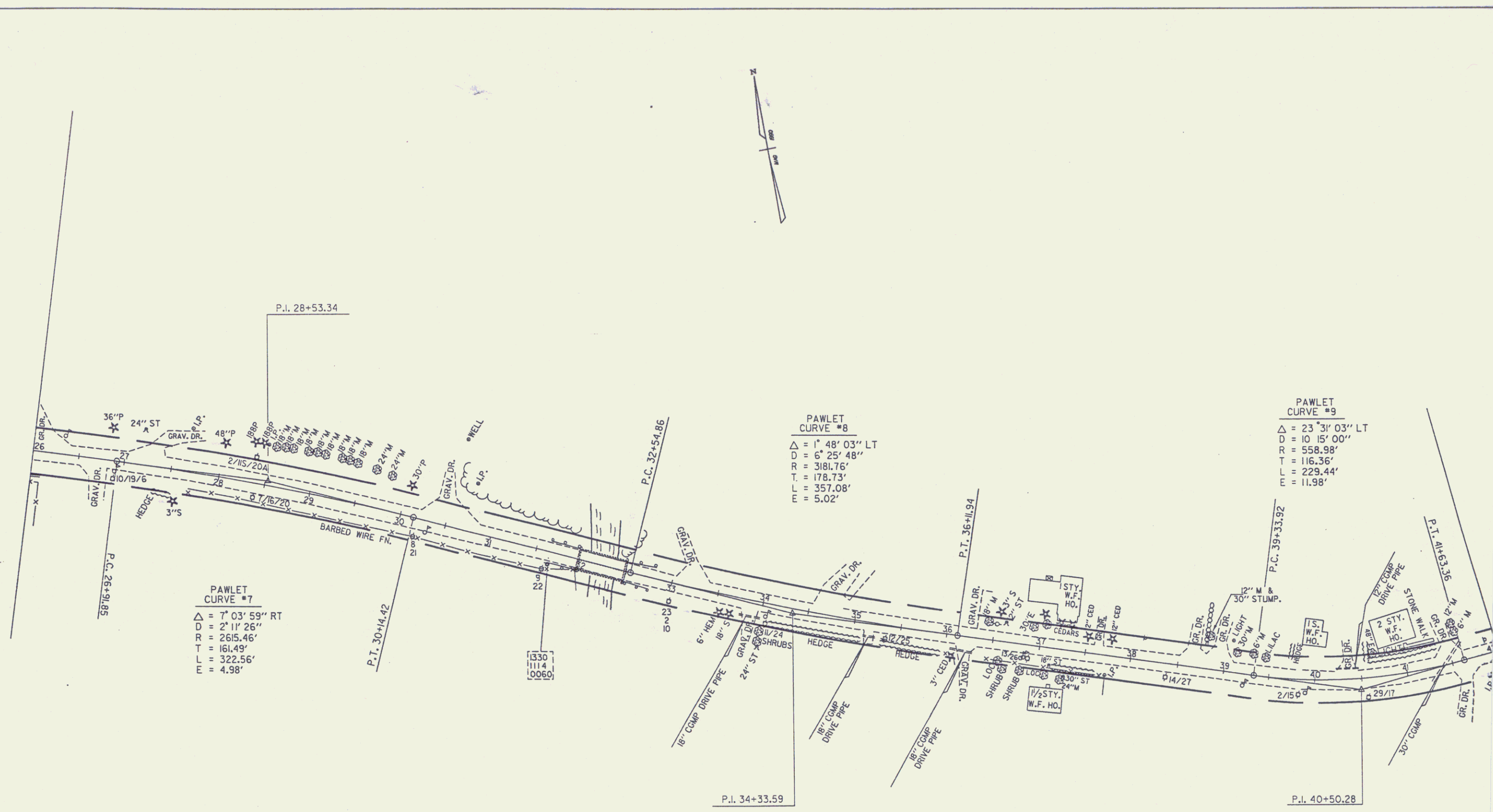


PAWLET
CURVE #4
 $\Delta = 29^{\circ} 55' 03''$ RT
 $D = 12' 30'' 00''$
 $R = 458.37'$
 $T = 122.47'$
 $L = 239.34'$
 $E = 16.08'$

PAWLET
CURVE #5
 $\Delta = 00^{\circ} 41' 59''$ RT
 $D = 00' 25'' 00''$
 $R = 13750.99'$
 $T = 83.95'$
 $L = 167.90'$
 $E = 0.26'$

PAWLET
CURVE #6
 $\Delta = 6^{\circ} 10' 03''$ LT
 $D = 3' 45'' 00''$
 $R = 1527.89'$
 $T = 109.08'$
 $L = 217.80'$
 $E = 3.89'$

Sheet 3
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. Z00(50,76)V
 P.F. VT133L.2 3 DATE
 P.F. 01 01

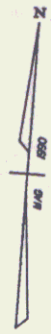


PAWLET
CURVE #7
 $\Delta = 7^{\circ} 03' 59''$ RT
 D = 2' 11' 26"
 R = 2615.46'
 T = 161.49'
 L = 322.56'
 E = 4.98'

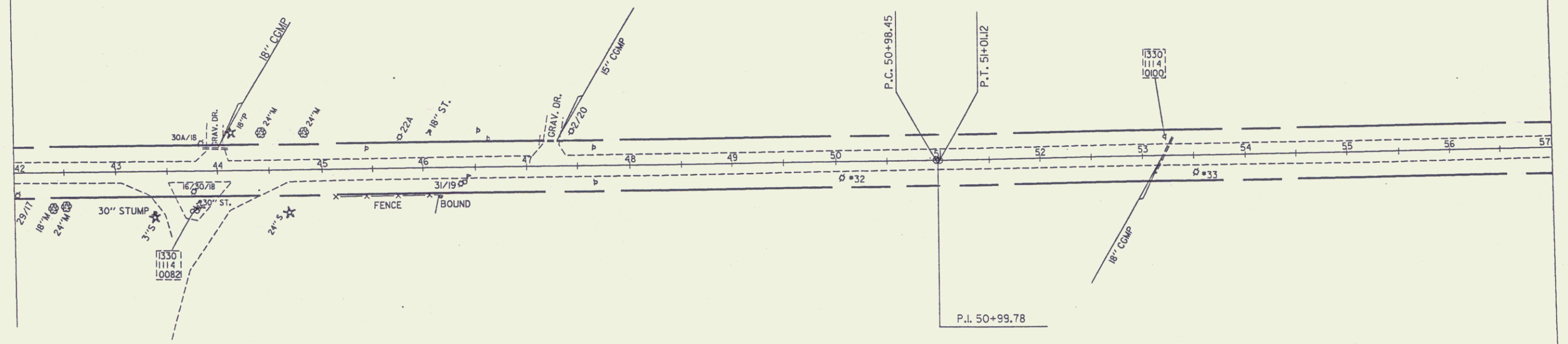
PAWLET
CURVE #8
 $\Delta = 1^{\circ} 48' 03''$ LT
 D = 6' 25' 48"
 R = 3181.76'
 T = 178.73'
 L = 357.08'
 E = 5.02'

PAWLET
CURVE #9
 $\Delta = 23^{\circ} 31' 03''$ LT
 D = 10' 15' 00"
 R = 558.98'
 T = 116.36'
 L = 229.44'
 E = 11.98'

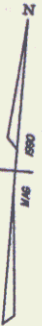
Sheet 4
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0450.76JVT
 PRF FILE VT133L3 4 DATE PLOT



PAWLET
CURVE #10
 $\Delta = 0^\circ 12' 10''$ LT
 $D = 7^\circ 34' 31''$
 $R = 756.36'$
 $T = 1.34'$
 $L = 2.68'$
 $E = 0.00'$

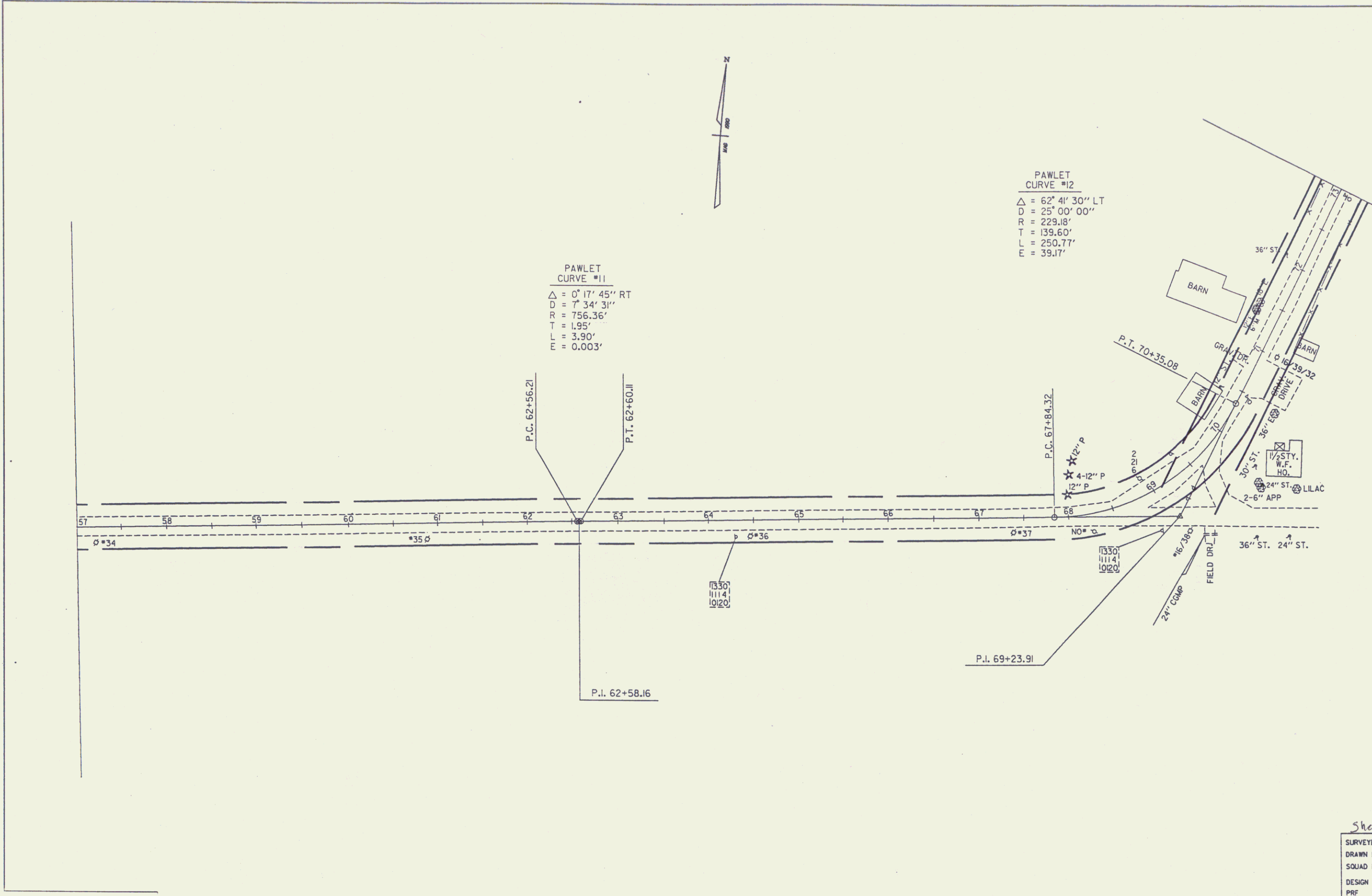


Sheet 5
SURVEYED BY MOREAU D
DRAWN BY DAYE D
SQUAD LEADER S
DESIGN FILE NO. Z00150.76JVT133
PRF DATE

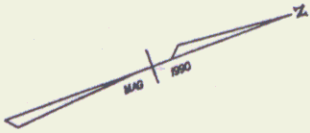


PAWLET
CURVE #11
 $\Delta = 0^{\circ} 17' 45''$ RT
 $D = 7^{\circ} 34' 31''$
 $R = 756.36'$
 $T = 1.95'$
 $L = 3.90'$
 $E = 0.003'$

PAWLET
CURVE #12
 $\Delta = 62^{\circ} 41' 30''$ LT
 $D = 25^{\circ} 00' 00''$
 $R = 229.18'$
 $T = 139.60'$
 $L = 250.77'$
 $E = 39.17'$

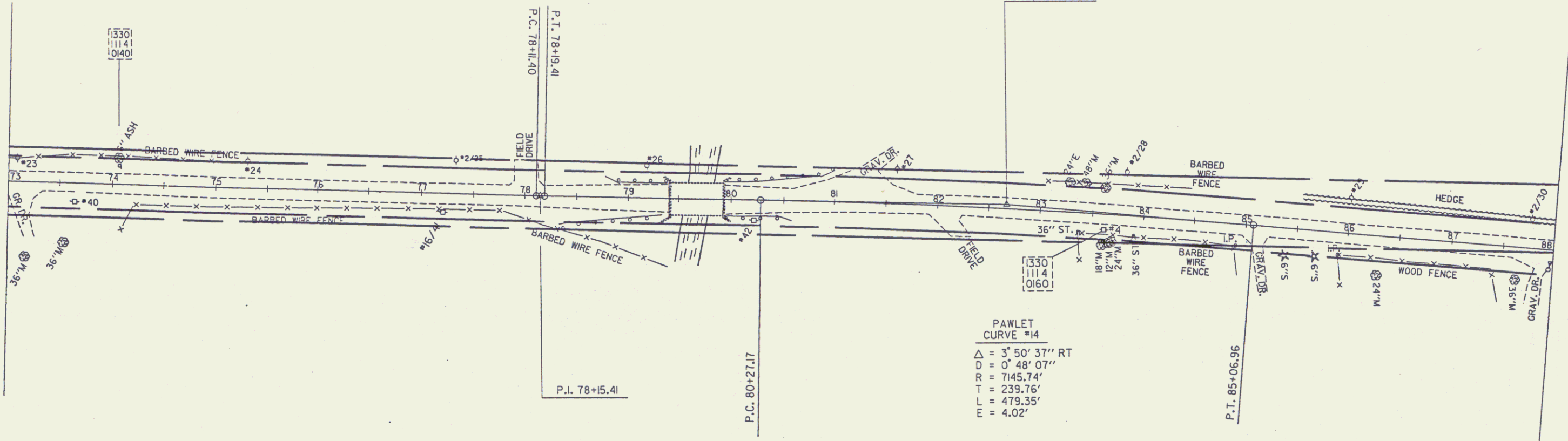


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DRAWN BY DAYE
SQUAD LEADER
DESIGN FILE NO. ZG0450.76JVT
PRF FILE VT133L5 DATE PLOTT



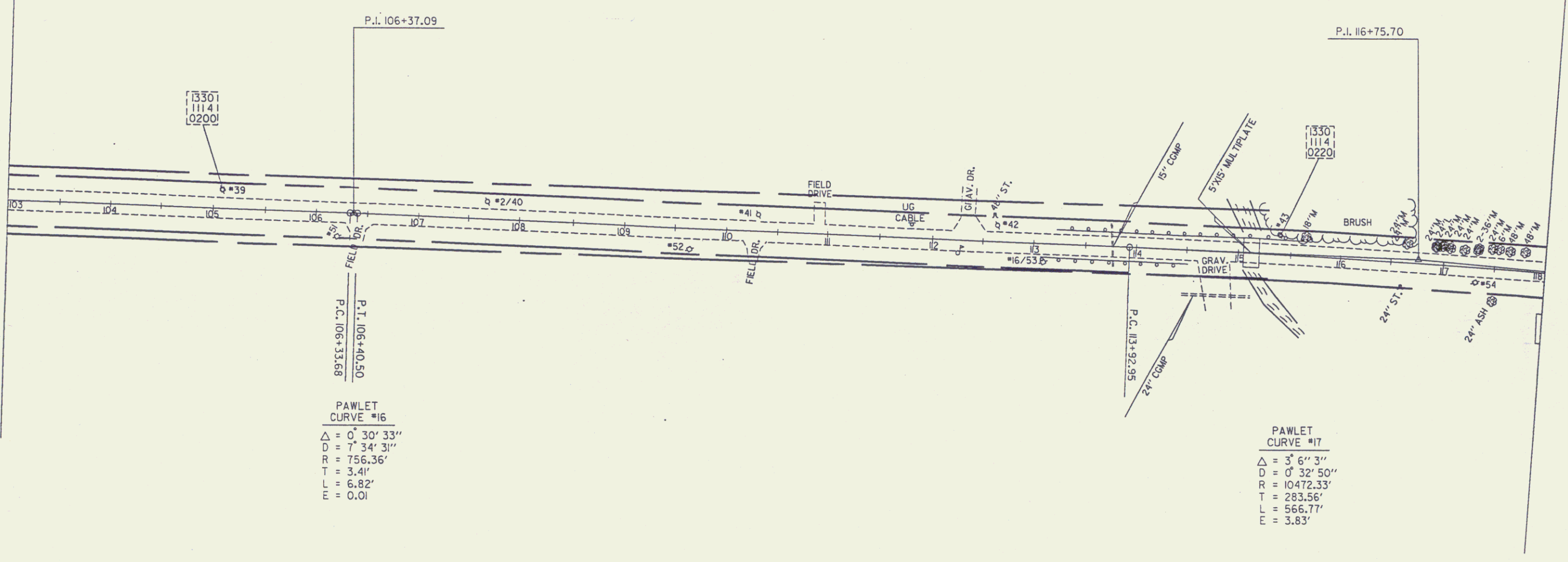
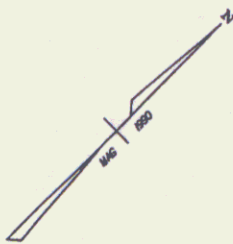
PAWLET
CURVE #13
 $\Delta = 0^\circ 27' 53''$ LT
 $D = 5^\circ 48' 08''$
 $R = 987.46'$
 $T = 4.01'$
 $L = 8.01'$
 $E = 0.01'$

P.I. 82+67.38



PAWLET
CURVE #14
 $\Delta = 3^\circ 50' 37''$ RT
 $D = 0^\circ 48' 07''$
 $R = 7145.74'$
 $T = 239.76'$
 $L = 479.35'$
 $E = 4.02'$

Sheet 7
SURVEYED BY MOREAU
DRAWN BY DAYE
SQUAD LEADER
DESIGN FILE NO. Z00150.76JVT
PRF 1/13/11 DATE



P.I. 106+37.09

P.I. 116+75.70

1330
1114
0200

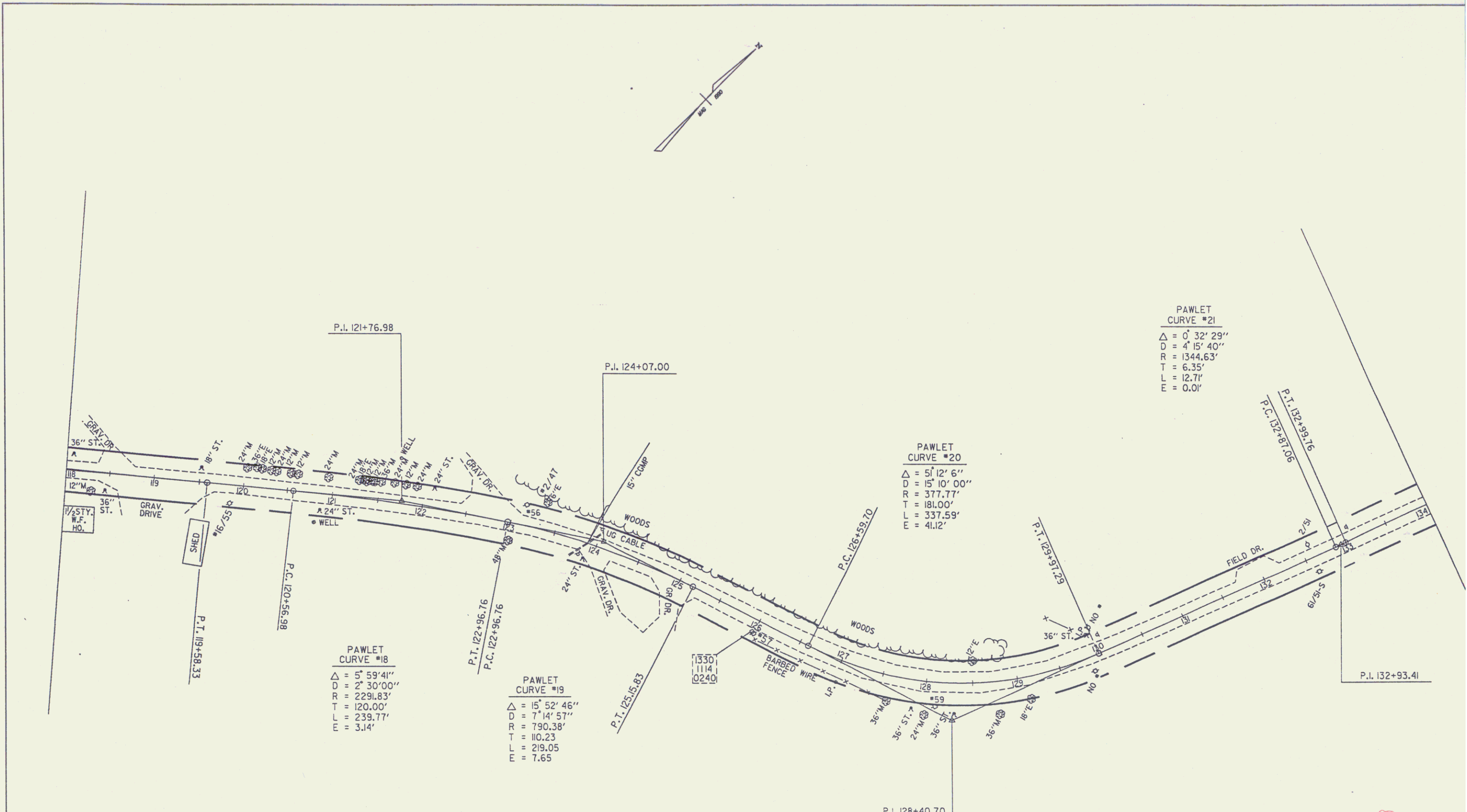
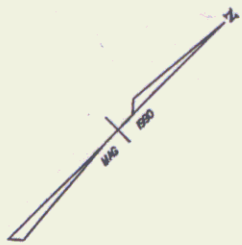
1330
1114
0220

PAWLET
CURVE #16
 $\Delta = 0^\circ 30' 33''$
 $D = 17' 34' 31''$
 $R = 756.36'$
 $T = 3.41'$
 $L = 6.82'$
 $E = 0.01'$

PAWLET
CURVE #17
 $\Delta = 3^\circ 6' 3''$
 $D = 0^\circ 32' 50''$
 $R = 10472.33'$
 $T = 283.56'$
 $L = 566.77'$
 $E = 3.83'$

Sheet 9

SURVEYED BY	MOREAU
DRAWN BY	DAYE
SQUAD LEADER	9
DESIGN FILE NO.	ZG0150.76JVT
PRF FILE	VT133L8
DATE	
PLOTTE	



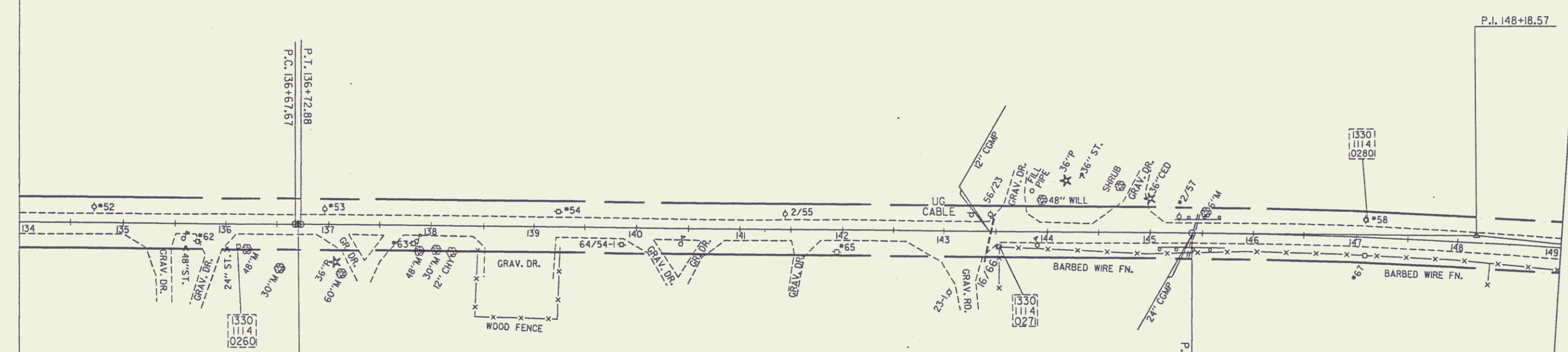
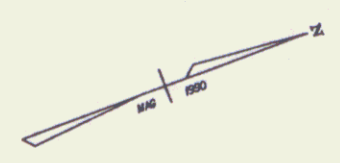
PAWLET
CURVE #21
 $\Delta = 0' 32' 29''$
 $D = 4' 15' 40''$
 $R = 1344.63'$
 $T = 6.35'$
 $L = 12.71'$
 $E = 0.01'$

PAWLET
CURVE #20
 $\Delta = 5' 12' 6''$
 $D = 15' 10' 00''$
 $R = 377.77'$
 $T = 181.00'$
 $L = 337.59'$
 $E = 4112'$

PAWLET
CURVE #18
 $\Delta = 5' 59' 41''$
 $D = 2' 30' 00''$
 $R = 2291.83'$
 $T = 120.00'$
 $L = 239.77'$
 $E = 3.14'$

PAWLET
CURVE #19
 $\Delta = 15' 52' 46''$
 $D = 7' 14' 57''$
 $R = 790.38'$
 $T = 110.23'$
 $L = 219.05'$
 $E = 7.65'$

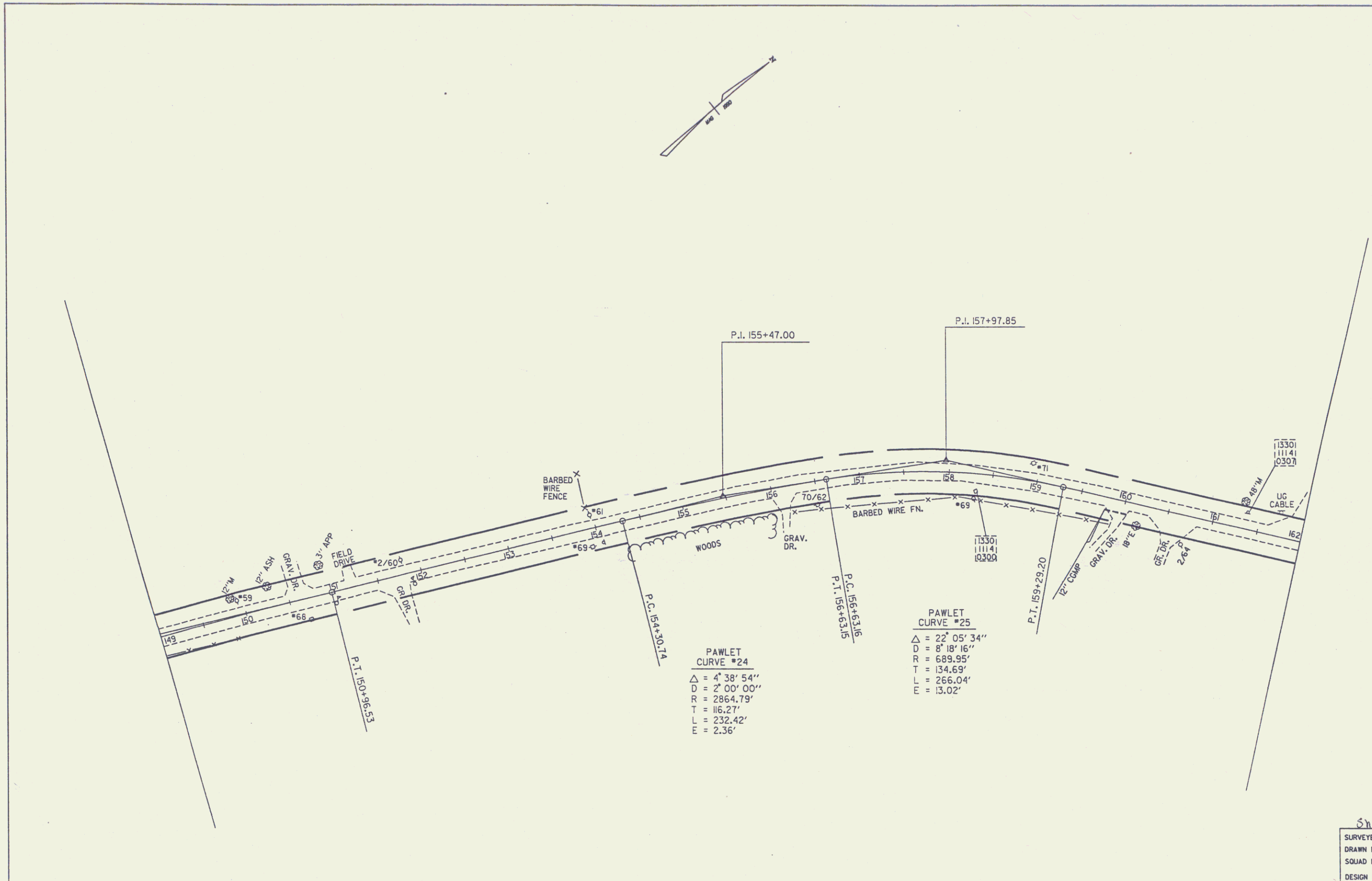
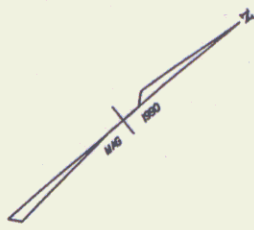
Sheet 10
SURVEYED BY MOREAU
DRAWN BY DAYE
SQUAD LEADER 10
DESIGN FILE NO. ZG0450.76JVT



PAWLET
CURVE #22
 $\Delta = 0^{\circ} 15' 13''$
 $D = 4' 52' 11''$
 $R = 1176.56'$
 $T = 2.60'$
 $L = 5.21'$
 $E = 0.00'$

PAWLET
CURVE #23
 $\Delta = 5^{\circ} 33' 49''$
 $D = 1^{\circ} 00' 00''$
 $R = 5728.58'$
 $T = 278.40'$
 $L = 556.35'$
 $E = 6.76'$

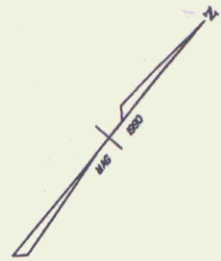
Sheet 11
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER #
 DESIGN FILE NO. ZG0150.761V



PAWLET
CURVE #24
 $\Delta = 4^\circ 38' 54''$
 $D = 2^\circ 00' 00''$
 $R = 2864.79'$
 $T = 116.27'$
 $L = 232.42'$
 $E = 2.36'$

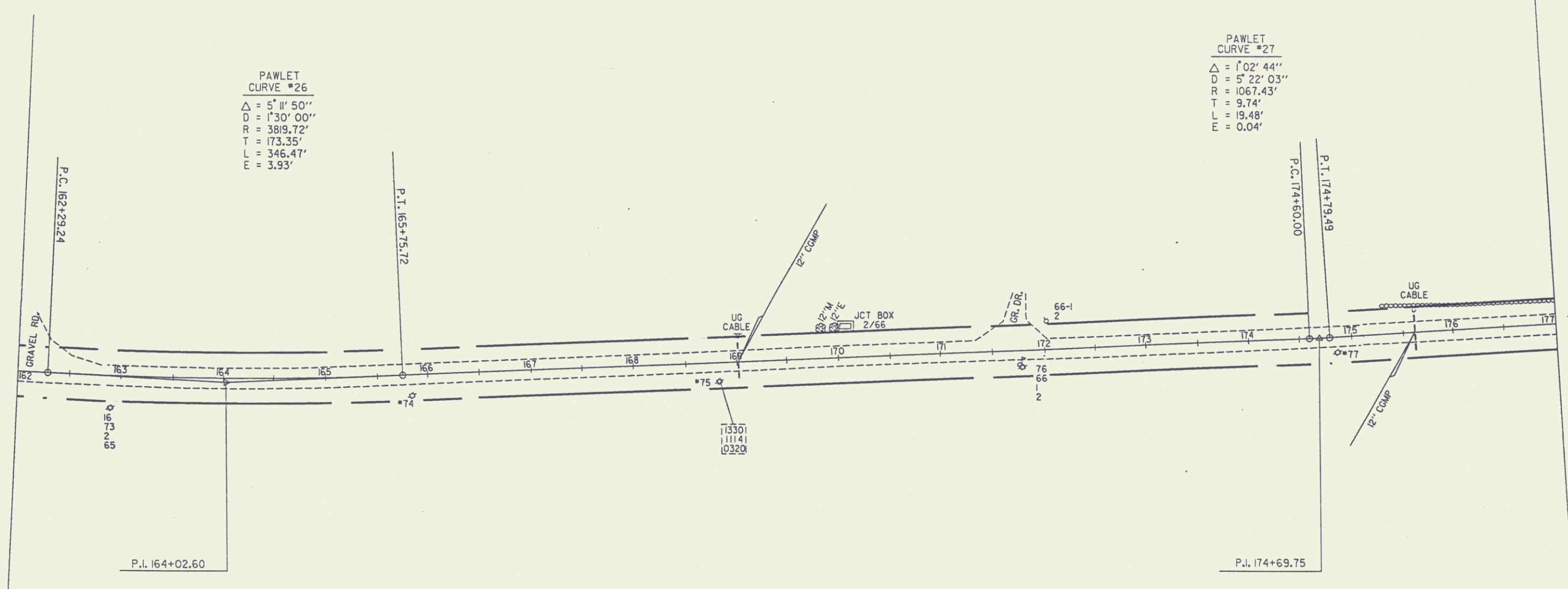
PAWLET
CURVE #25
 $\Delta = 22^\circ 05' 34''$
 $D = 8^\circ 18' 16''$
 $R = 689.95'$
 $T = 134.69'$
 $L = 266.04'$
 $E = 13.02'$

Sheet 12
SURVEYED BY MOREAU
DRAWN BY DAYE
SQUAD LEADER 12
DESIGN FILE NO. ZGD150.763VTI

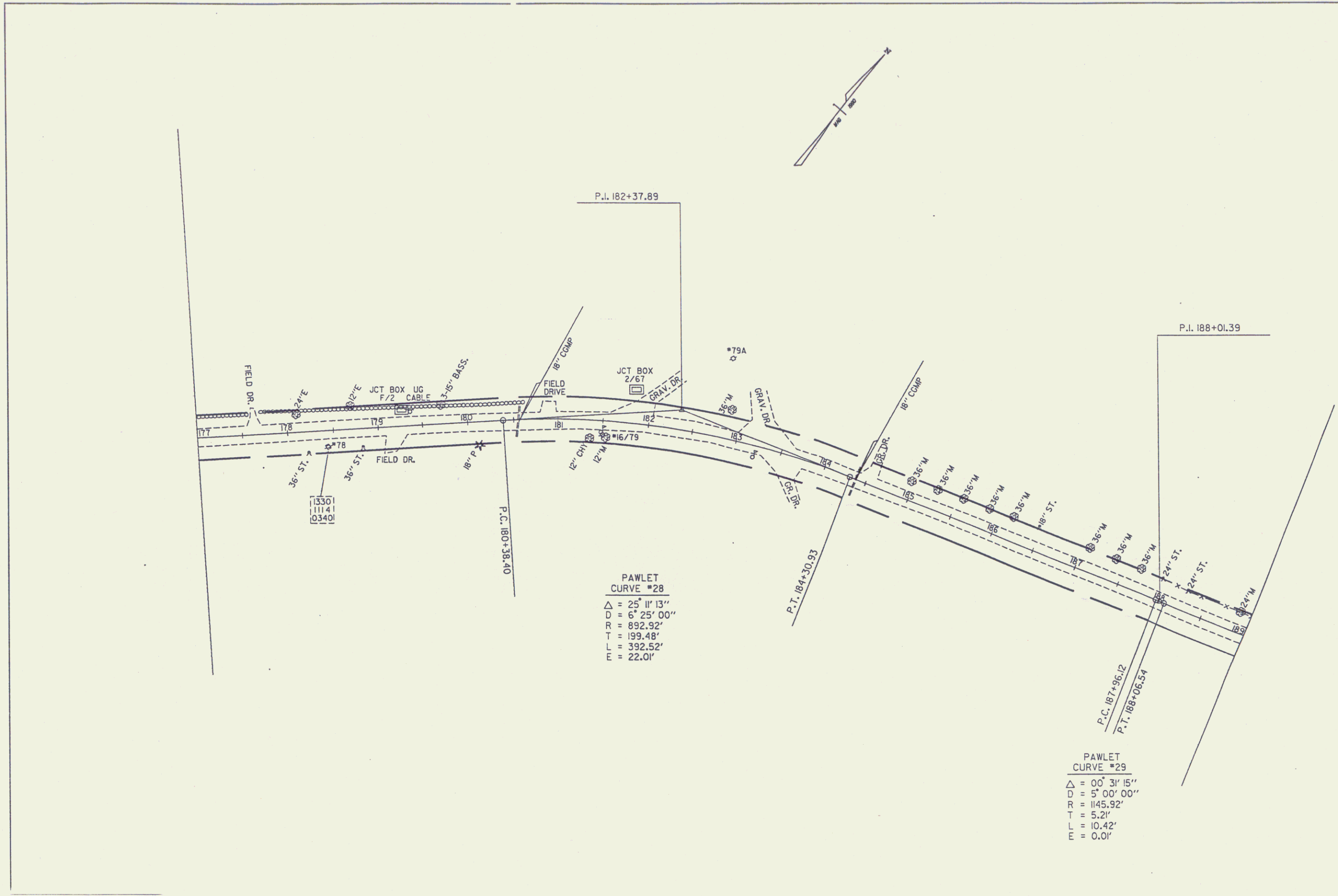


PAWLET
CURVE #26
 $\Delta = 5^{\circ} 11' 50''$
 $D = 1^{\circ} 30' 00''$
 $R = 3819.72'$
 $T = 173.35'$
 $L = 346.47'$
 $E = 3.93'$

PAWLET
CURVE #27
 $\Delta = 1^{\circ} 02' 44''$
 $D = 5^{\circ} 22' 03''$
 $R = 1067.43'$
 $T = 9.74'$
 $L = 19.48'$
 $E = 0.04'$



Sheet 13
SURVEYED BY MOREAU
DRAWN BY DAYE
SQUAD LEADER 13
DESIGN FILE NO. ZG0150.763V1



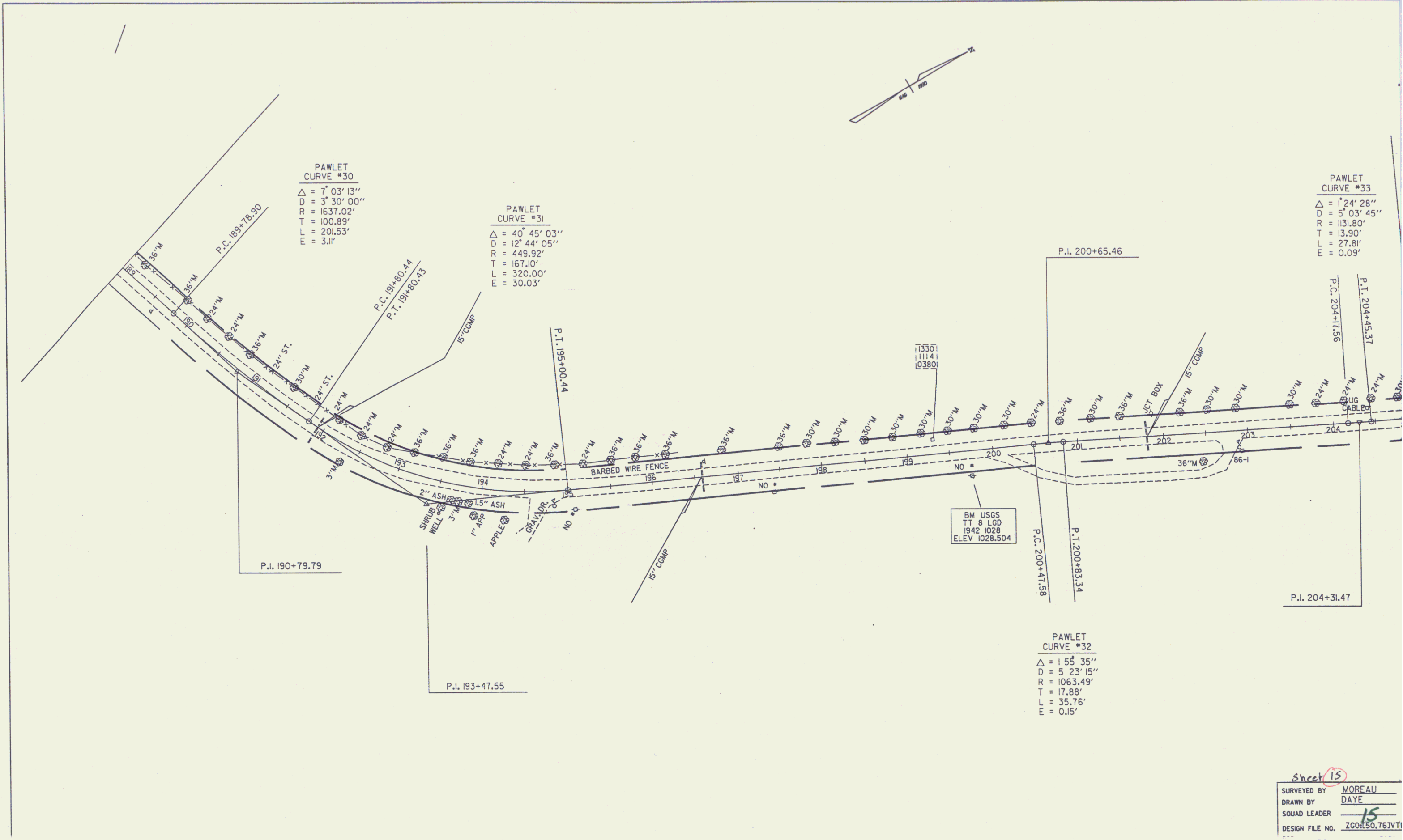
P.I. 182+37.89

P.I. 188+01.39

PAWLET
CURVE #28
 $\Delta = 25^{\circ} 11' 13''$
 $D = 6^{\circ} 25' 00''$
 $R = 892.92'$
 $T = 199.48'$
 $L = 392.52'$
 $E = 22.01'$

PAWLET
CURVE #29
 $\Delta = 00^{\circ} 31' 15''$
 $D = 5^{\circ} 00' 00''$
 $R = 1145.92'$
 $T = 5.21'$
 $L = 10.42'$
 $E = 0.01'$

Sheet 14
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 SQUAD LEADER
 DESIGN FILE NO. ZG0150.763VT
 PRF VT133L13 14 DATE
 FILE PLOT



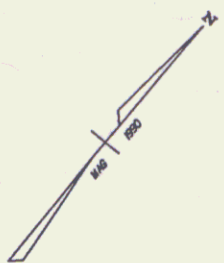
PAWLET
CURVE #30
 $\Delta = 7^{\circ} 03' 13''$
 $D = 3' 30' 00''$
 $R = 1637.02'$
 $T = 100.89'$
 $L = 201.53'$
 $E = 3.11'$

PAWLET
CURVE #31
 $\Delta = 40^{\circ} 45' 03''$
 $D = 12^{\circ} 44' 05''$
 $R = 449.92'$
 $T = 167.10'$
 $L = 320.00'$
 $E = 30.03'$

PAWLET
CURVE #33
 $\Delta = 1^{\circ} 24' 28''$
 $D = 5^{\circ} 03' 45''$
 $R = 1131.80'$
 $T = 13.90'$
 $L = 27.81'$
 $E = 0.09'$

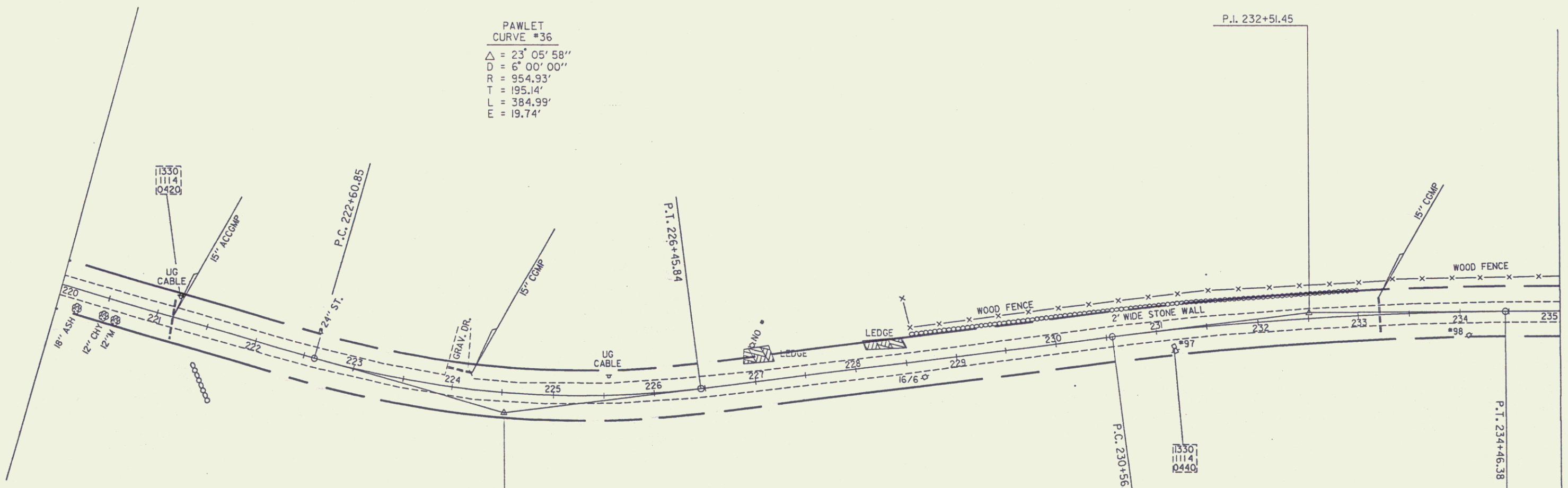
PAWLET
CURVE #32
 $\Delta = 1^{\circ} 55' 35''$
 $D = 5^{\circ} 23' 15''$
 $R = 1063.49'$
 $T = 17.88'$
 $L = 35.76'$
 $E = 0.15'$

Sheet 15
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER 15
 DESIGN FILE NO. ZG0150.76JVT



PAWLET
CURVE #36
 $\Delta = 23^{\circ} 05' 58''$
 $D = 6^{\circ} 00' 00''$
 $R = 954.93'$
 $T = 195.14'$
 $L = 384.99'$
 $E = 19.74'$

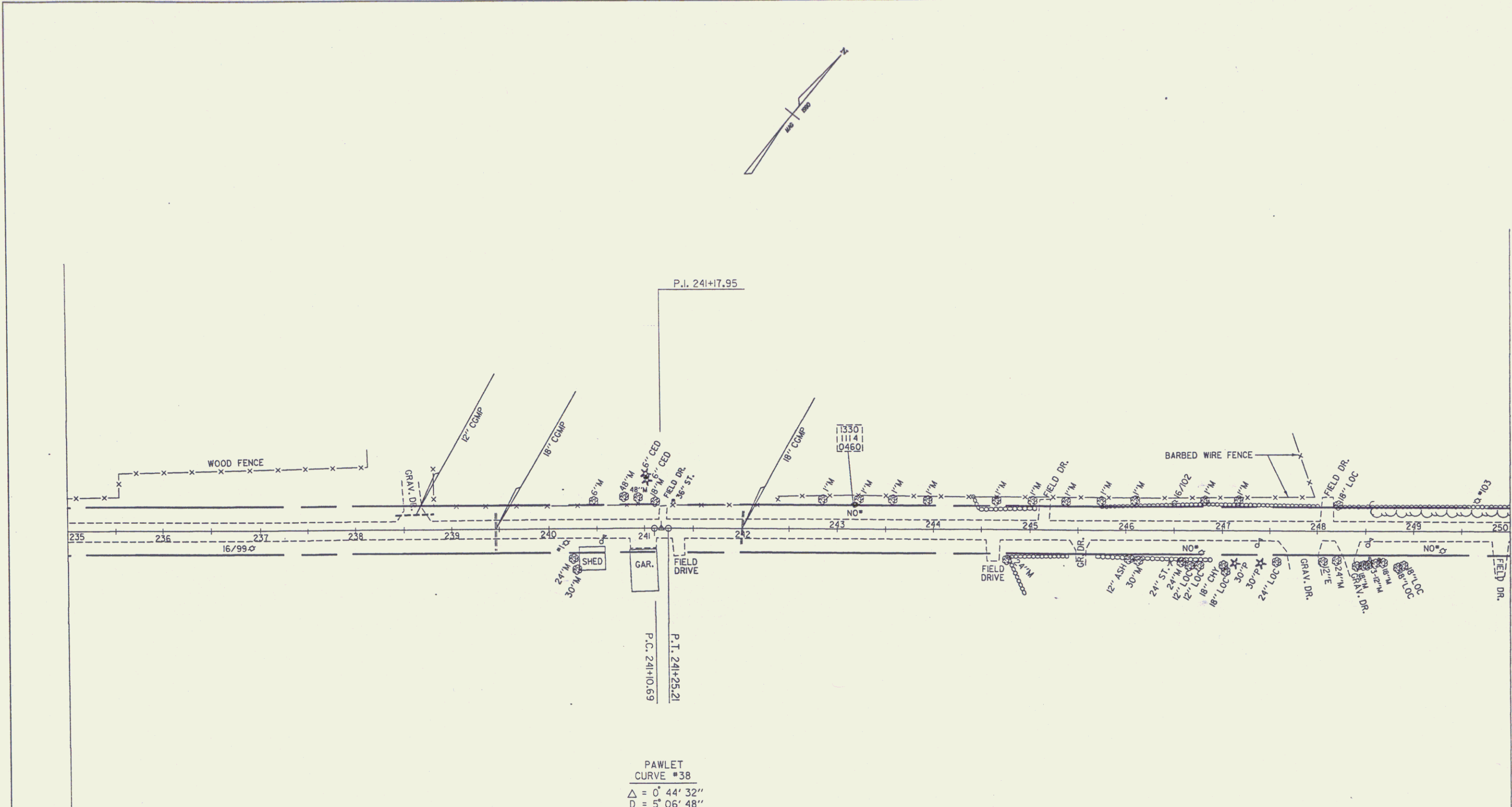
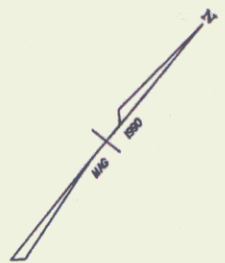
P.I. 232+51.45



P.I. 224+56.00

PAWLET
CURVE #37
 $\Delta = 6^{\circ} 49' 51''$
 $D = 1^{\circ} 45' 00''$
 $R = 3274.04'$
 $T = 195.39'$
 $L = 390.33'$
 $E = 5.82'$

SHEET 17
SURVEYED BY MOREAU
DRAWN BY DAYE
SQUAD LEADER 17
DESIGN FILE NO. ZG0450.16JVT



PAWLET
CURVE *38
 $\Delta = 0^\circ 44' 32''$
 $D = 5^\circ 06' 48''$
 $R = 1120.51'$
 $T = 7.26'$
 $L = 14.51'$
 $E = 0.02'$

Sheet 18
SURVEYED BY MOREAU
DRAWN BY DAYE
SQUAD LEADER
DESIGN FILE NO. ZG0150.763V2
PRE V71331.17 18 DATE

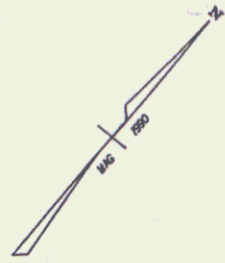


PAWLET
CURVE #39
 $\Delta = 18^{\circ} 40' 12''$
 $D = 7^{\circ} 15' 00''$
 $R = 790.29'$
 $T = 129.91'$
 $L = 257.52'$
 $E = 10.61'$

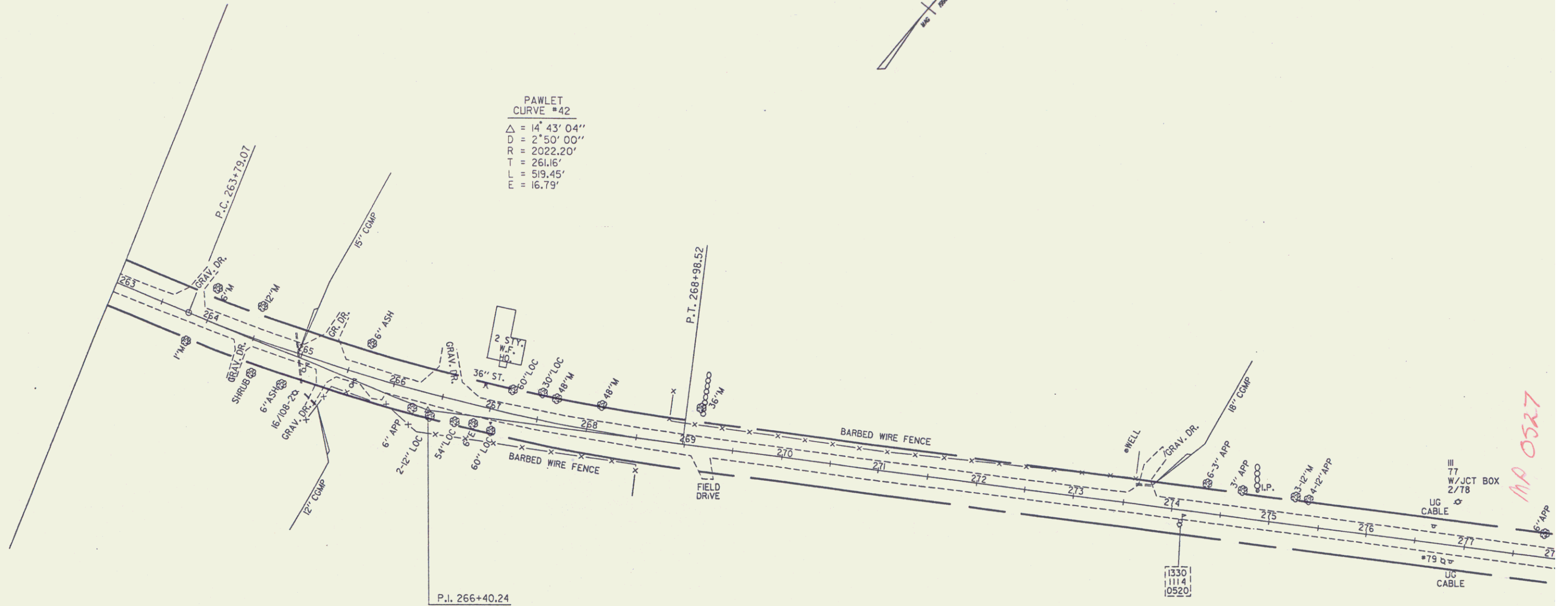
CURVE #40
 $\Delta = 2^{\circ} 55' 20''$
 $D = 4^{\circ} 58' 52''$
 $R = 1150.25'$
 $T = 29.34'$
 $L = 58.67'$
 $E = 0.37'$

PAWLET
CURVE #41
 $\Delta = 00^{\circ} 06' 50''$
 $D = 5^{\circ} 00' 00''$
 $R = 1145.92'$
 $T = 1.14'$
 $L = 2.28'$
 $E = 0.00'$

Sheet 19
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER 19
 DESIGN FILE NO. ZG0150.76JVT

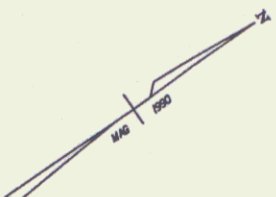
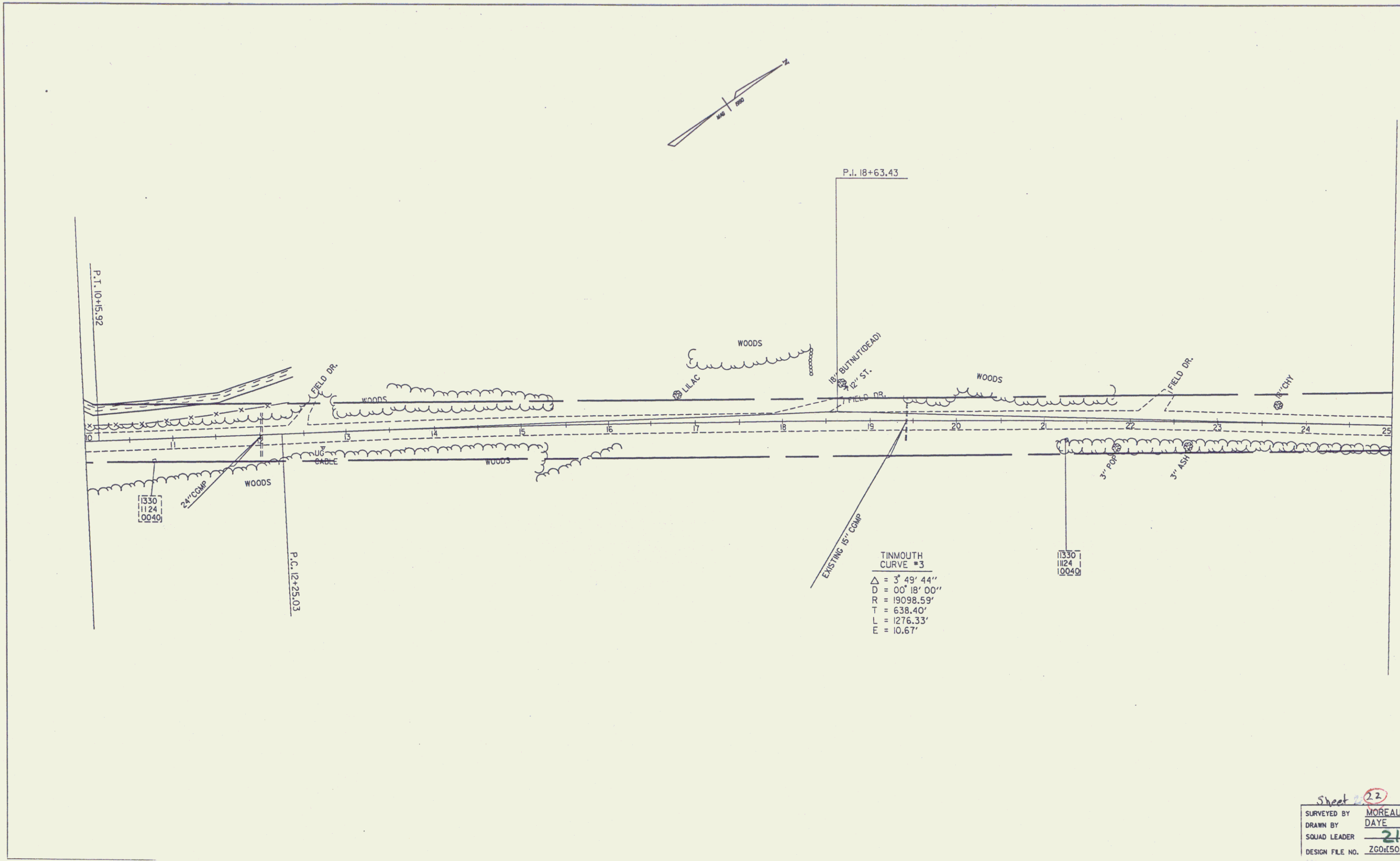


PAWLET
CURVE #42
 $\Delta = 14' 43' 04''$
 $D = 2' 50' 00''$
 $R = 2022.20'$
 $T = 261.16'$
 $L = 519.45'$
 $E = 16.79'$



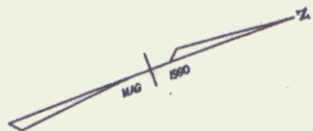
MP 0527

Sheet	20
SURVEYED BY	MOREAU
DRAWN BY	DAYE
SQUAD LEADER	20
DESIGN FILE NO.	ZG0150,76JV
DATE	



TINMOUTH
CURVE #3
 $\Delta = 3^{\circ} 49' 44''$
 $D = 00' 18' 00''$
 $R = 19098.59'$
 $T = 638.40'$
 $L = 1276.33'$
 $E = 10.67'$

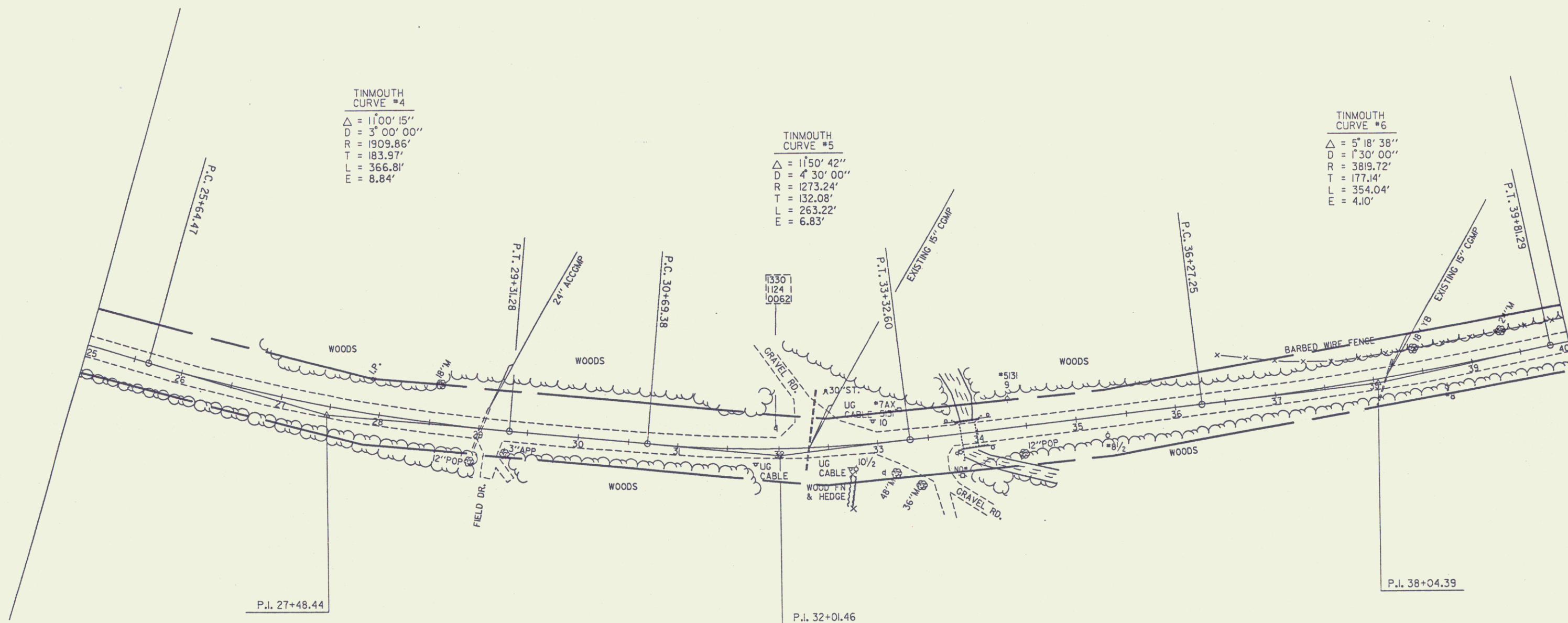
Sheet 22
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER 21
 DESIGN FILE NO. ZG0150.76 VY



TINMOUTH
CURVE #4
 $\Delta = 11^{\circ}00'15''$
 $D = 3^{\circ}00'00''$
 $R = 1909.86'$
 $T = 183.97'$
 $L = 366.81'$
 $E = 8.84'$

TINMOUTH
CURVE #5
 $\Delta = 11^{\circ}50'42''$
 $D = 4^{\circ}30'00''$
 $R = 1273.24'$
 $T = 132.08'$
 $L = 263.22'$
 $E = 6.83'$

TINMOUTH
CURVE #6
 $\Delta = 5^{\circ}18'38''$
 $D = 1^{\circ}30'00''$
 $R = 3819.72'$
 $T = 177.14'$
 $L = 354.04'$
 $E = 4.10'$



P.I. 27+48.44

P.I. 32+01.46

P.I. 38+04.39

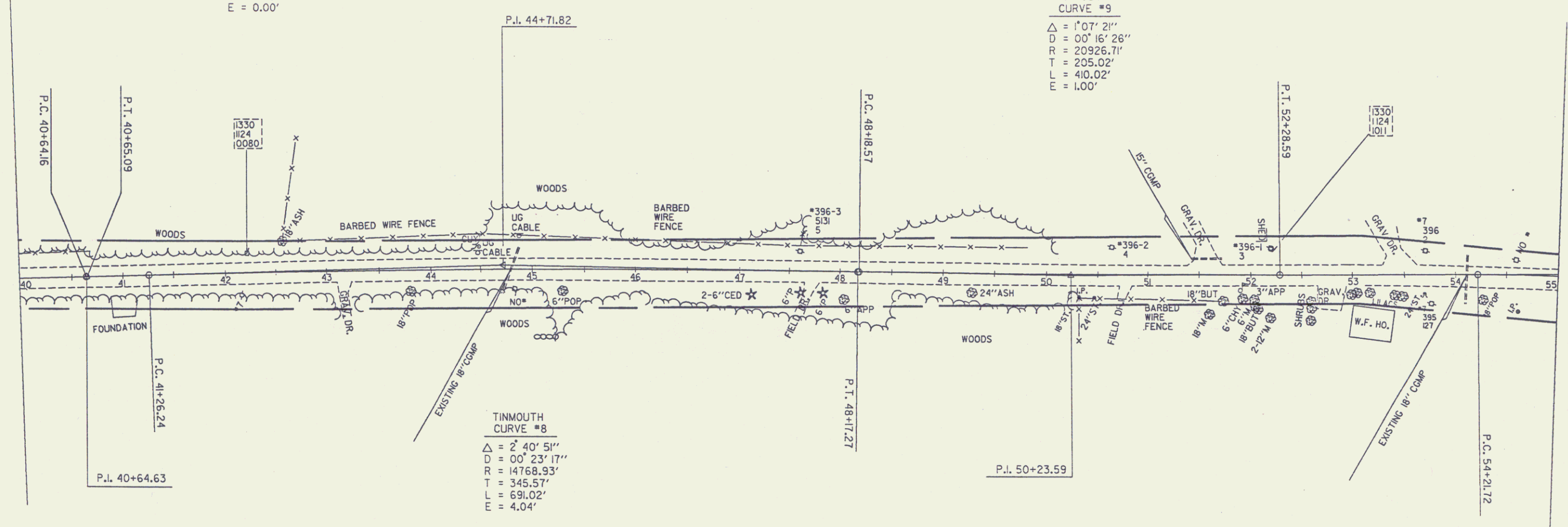
Sheet 23
SURVEYED BY MOREAU
DRAWN BY DAYE
SQUAD LEADER 22
DESIGN FILE NO. Z00150.761VT
DATE



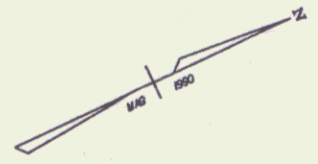
TINMOUTH
CURVE #7
 $\Delta = 00^{\circ} 02' 47''$
 $D = 5^{\circ} 00' 00''$
 $R = 1145.91'$
 $T = 0.46'$
 $L = 0.92'$
 $E = 0.00'$

TINMOUTH
CURVE #9
 $\Delta = 1^{\circ} 07' 21''$
 $D = 00^{\circ} 16' 26''$
 $R = 20926.71'$
 $T = 205.02'$
 $L = 410.02'$
 $E = 1.00'$

TINMOUTH
CURVE #8
 $\Delta = 2^{\circ} 40' 51''$
 $D = 00^{\circ} 23' 17''$
 $R = 14768.93'$
 $T = 345.57'$
 $L = 691.02'$
 $E = 4.04'$



Sheet **24**
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER **23**
 DESIGN FILE NO. ZGH50.76JYTB



TT 9 LJD
1942
1052.634

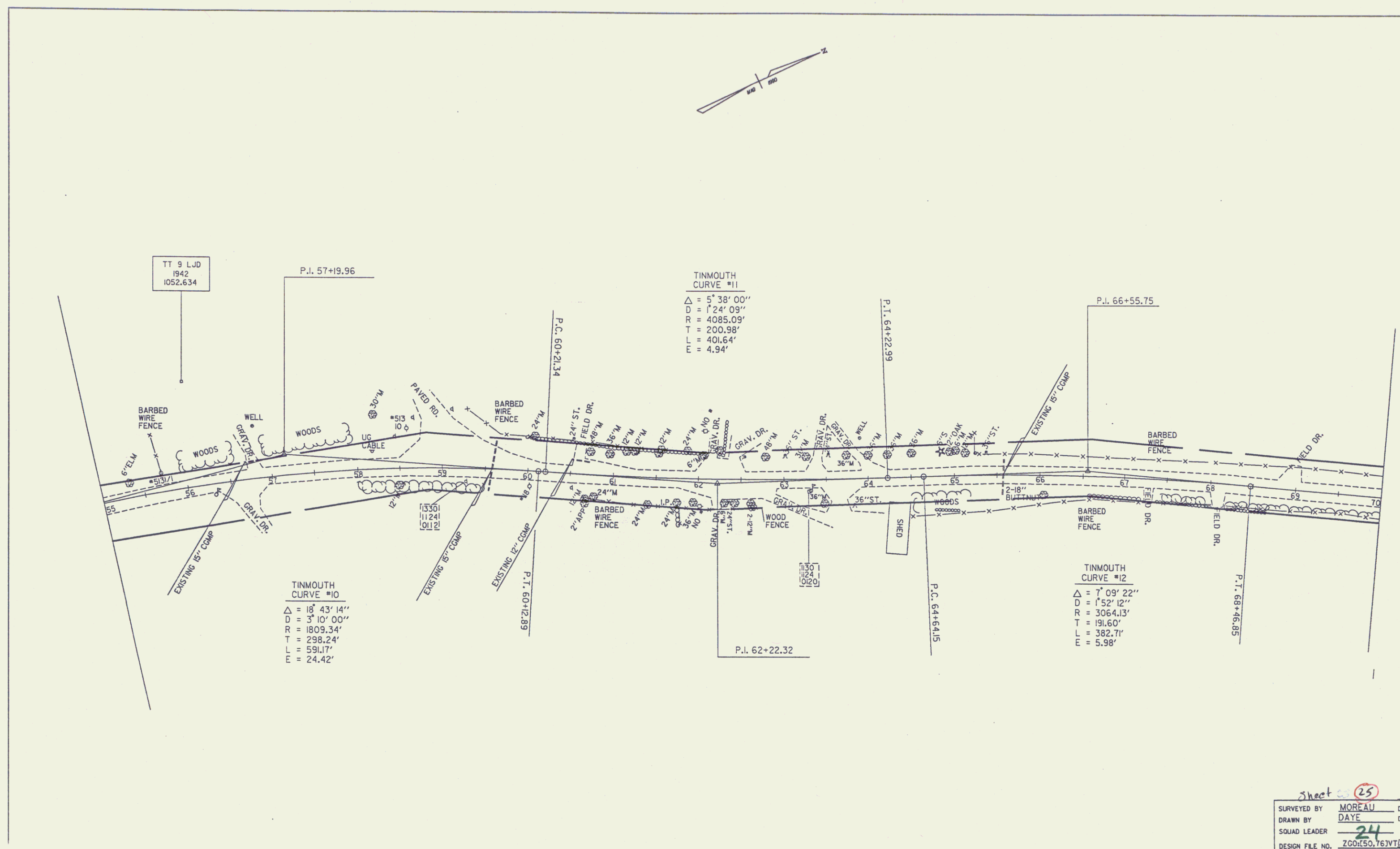
P.I. 57+19.96

TINMOUTH
CURVE #11
Δ = 5° 38' 00"
D = 1° 24' 09"
R = 4085.09'
T = 200.98'
L = 401.64'
E = 4.94'

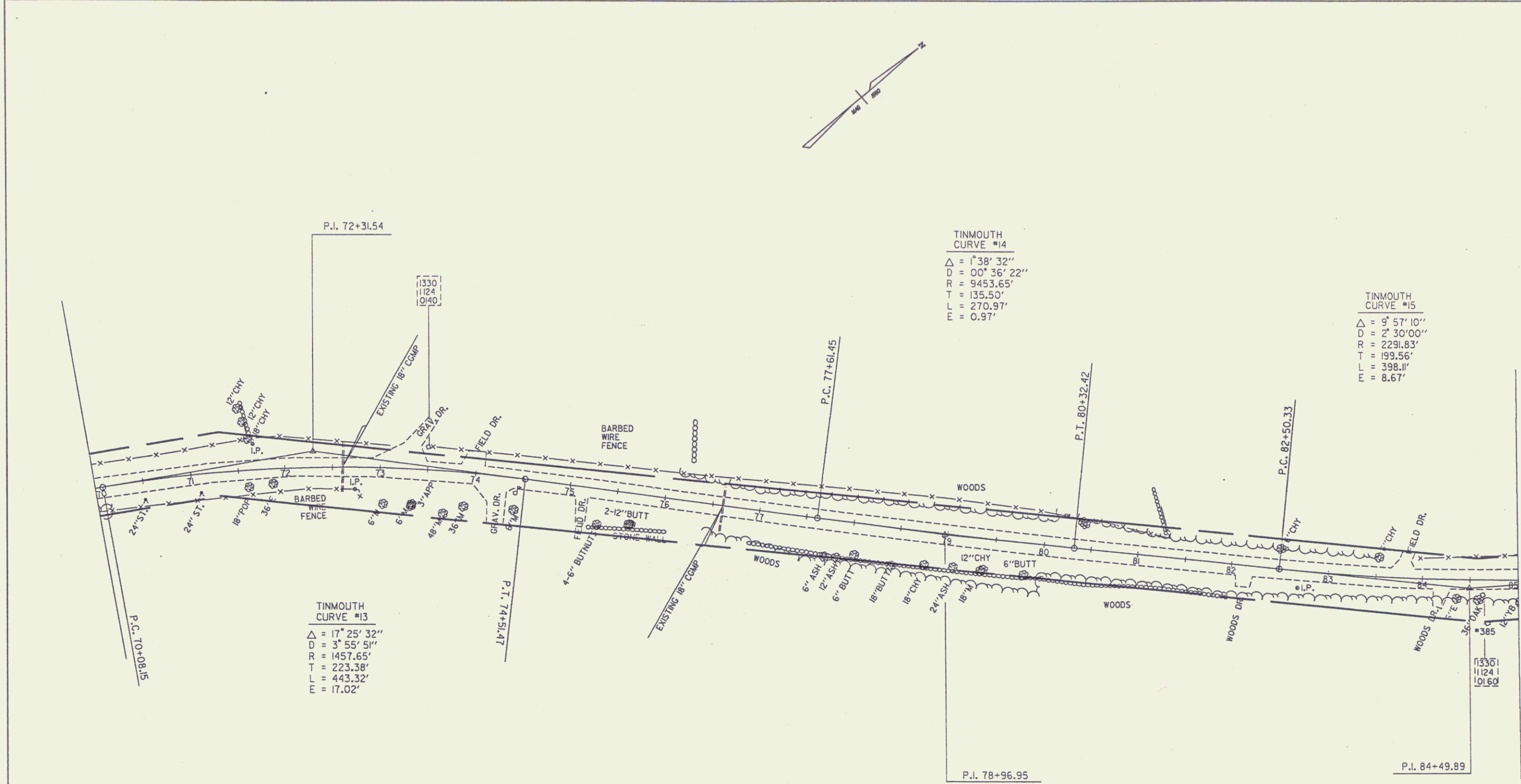
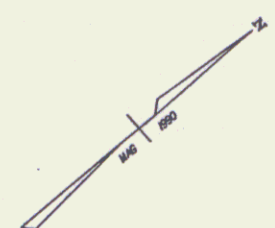
P.I. 66+55.75

TINMOUTH
CURVE #10
Δ = 18° 43' 14"
D = 3° 10' 00"
R = 1809.34'
T = 298.24'
L = 591.17'
E = 24.42'

TINMOUTH
CURVE #12
Δ = 7° 09' 22"
D = 1° 52' 12"
R = 3064.13'
T = 191.60'
L = 382.71'
E = 5.98'



Sheet 25
SURVEYED BY MOREAU D.
DRAWN BY DAYE D.
SQUAD LEADER 24
DESIGN FILE NO. ZC0150.763VT
DATE

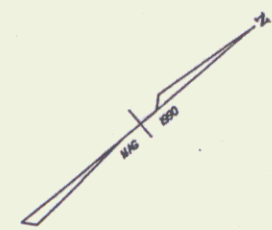


TINMOUTH
CURVE #14
 $\Delta = 1^{\circ}38'32''$
 $D = 00^{\circ}36'22''$
 $R = 9453.65'$
 $T = 135.50'$
 $E = 270.97'$
 $E = 0.97'$

TINMOUTH
CURVE #15
 $\Delta = 9^{\circ}57'10''$
 $D = 2^{\circ}30'00''$
 $R = 2291.83'$
 $T = 199.56'$
 $L = 398.11'$
 $E = 8.67'$

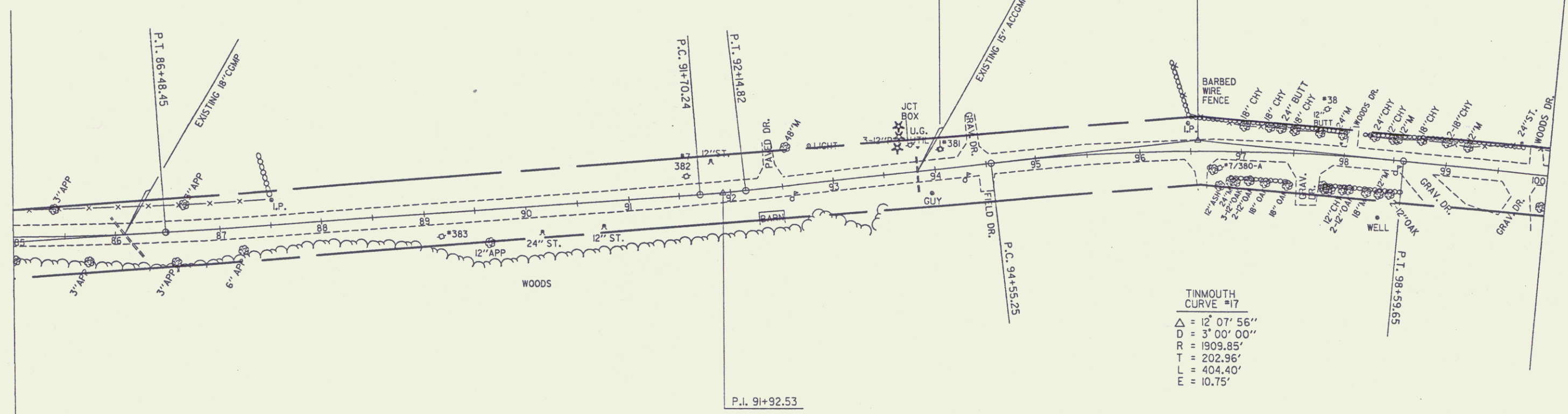
TINMOUTH
CURVE #13
 $\Delta = 17^{\circ}25'32''$
 $D = 3^{\circ}55'51''$
 $R = 1457.65'$
 $T = 223.38'$
 $L = 443.32'$
 $E = 17.02'$

Sheet 21 (26)
SURVEYED BY MOREAU
DRAWN BY DAYE
SQUAD LEADER
DESIGN FILE NO. ZG0150.76JVT
PRF VT133L25 DATE 25
FILE BLOTT



TINMOUTH
CURVE #16
 $\Delta = 2^\circ 13' 44''$
 $D = 51' 00'' 00''$
 $R = 1145.92'$
 $T = 22.29'$
 $L = 44.58'$
 $E = 0.22'$

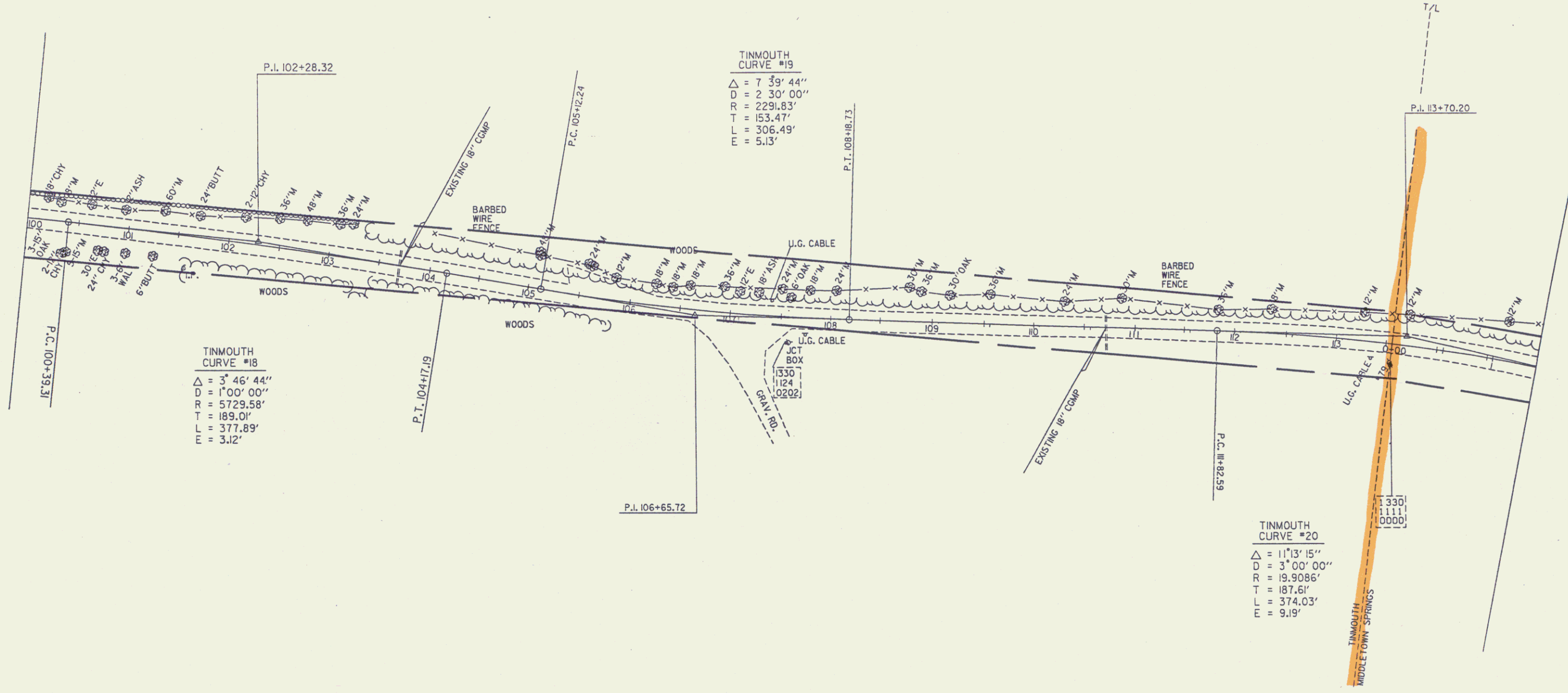
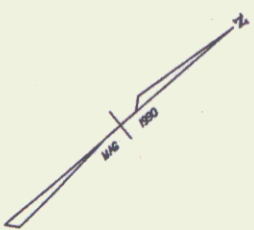
P.I. 96+58.21



P.I. 91+92.53

TINMOUTH
CURVE #17
 $\Delta = 12^\circ 07' 56''$
 $D = 3^\circ 00' 00''$
 $R = 1909.85'$
 $T = 202.96'$
 $L = 404.40'$
 $E = 10.75'$

Sheet 27
SURVEYED BY MOREAU
DRAWN BY DATE
SQUAD LEADER 26
DESIGN FILE NO. ZG0150.763VT

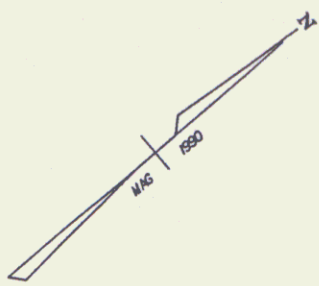


TINMOUTH CURVE #19
 $\Delta = 7\ 39'\ 44''$
 $D = 2\ 30'\ 00''$
 $R = 2291.83'$
 $T = 153.47'$
 $L = 306.49'$
 $E = 5.13'$

TINMOUTH CURVE #18
 $\Delta = 3\ 46'\ 44''$
 $D = 1\ 00'\ 00''$
 $R = 5729.58'$
 $T = 189.01'$
 $L = 377.89'$
 $E = 3.12'$

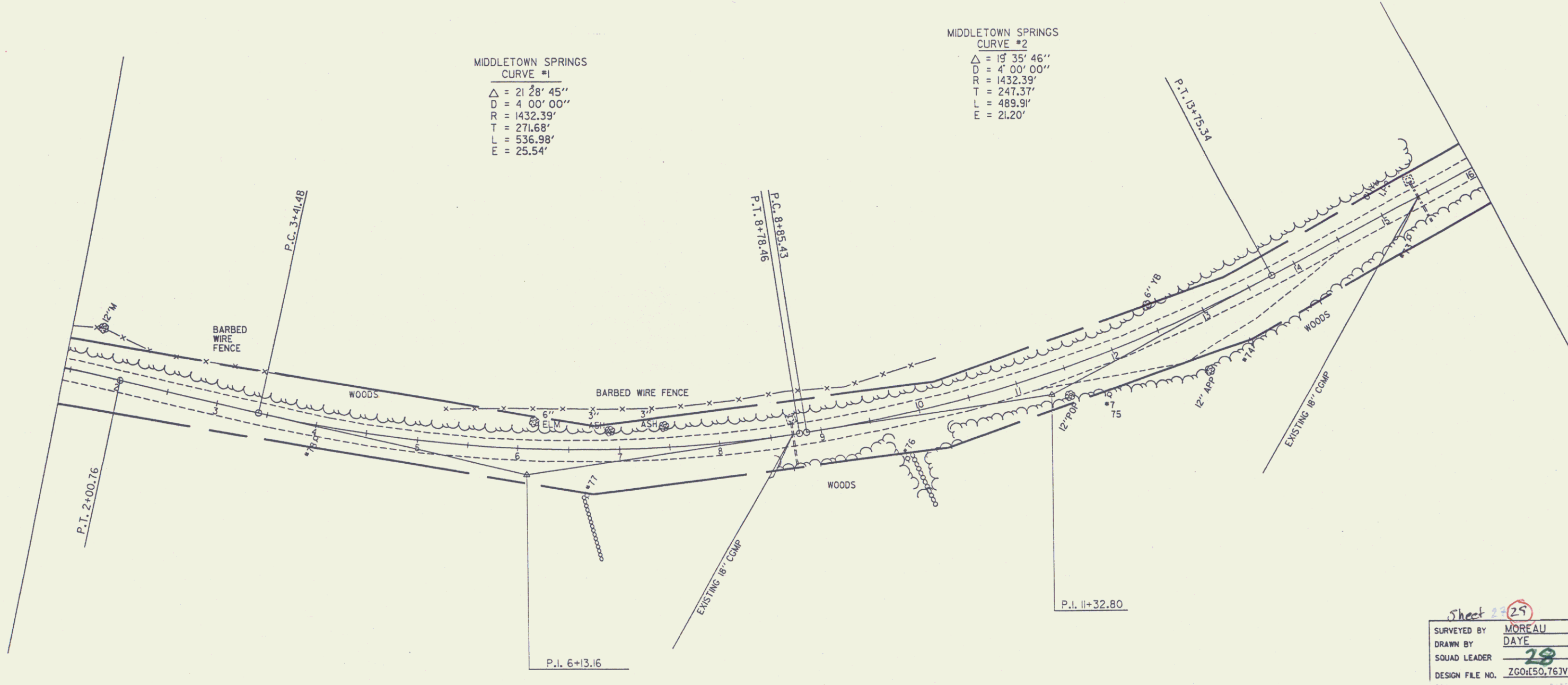
TINMOUTH CURVE #20
 $\Delta = 11\ 13'\ 15''$
 $D = 3\ 00'\ 00''$
 $R = 19.9086'$
 $T = 187.61'$
 $L = 374.03'$
 $E = 9.19'$

Sheet 20 (23)
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZCOH50.76JVB
 PRF VT133L27 DATE 27
 FILE PLOT

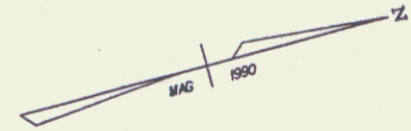


MIDDLETOWN SPRINGS
CURVE #1
 $\Delta = 21^{\circ} 28' 45''$
 $D = 4' 00' 00''$
 $R = 1432.39'$
 $T = 271.68'$
 $L = 536.98'$
 $E = 25.54'$

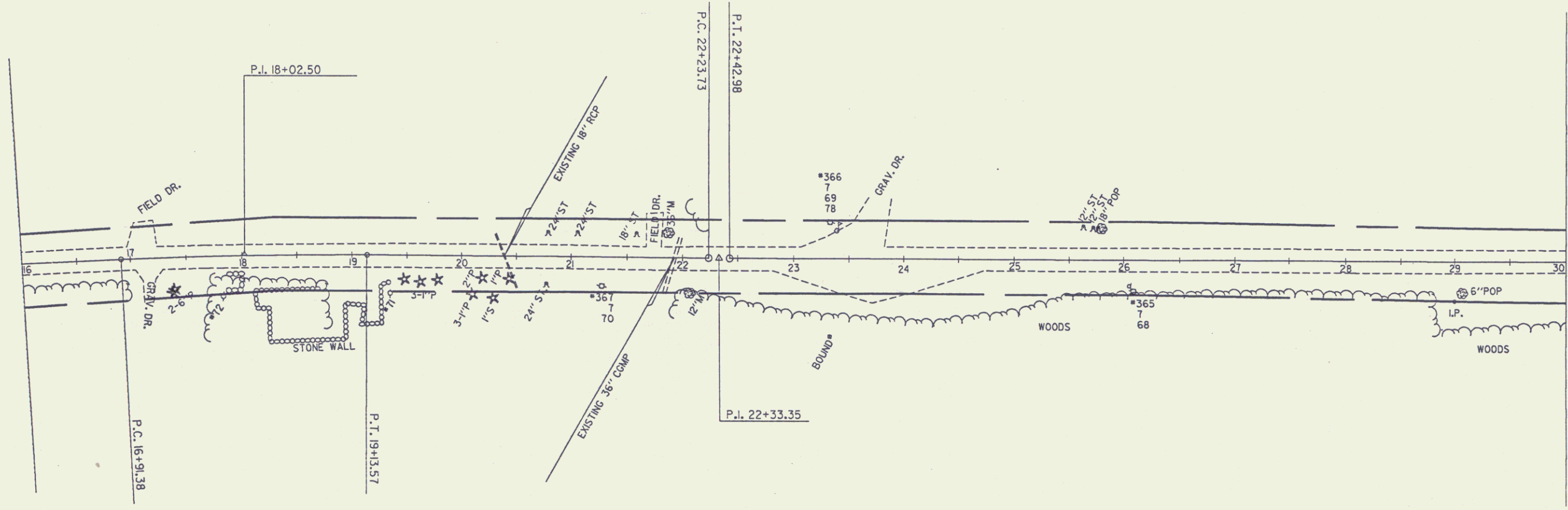
MIDDLETOWN SPRINGS
CURVE #2
 $\Delta = 19^{\circ} 35' 46''$
 $D = 4' 00' 00''$
 $R = 1432.39'$
 $T = 247.37'$
 $L = 489.91'$
 $E = 21.20'$



Sheet 29
SURVEYED BY MOREAU
DRAWN BY DAYE
SQUAD LEADER 28
DESIGN FILE NO. ZG0450,76JVTI

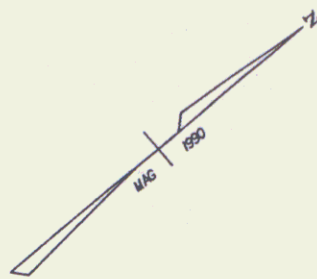


MIDDLETOWN SPRINGS
CURVE #4
 $\Delta = 3' 19' 58''$
 $D = 00' 11' 33''$
 $R = 5729.58'$
 $T = 9.63'$
 $L = 19.25'$
 $E = 0.00'$



MIDDLETOWN SPRINGS
CURVE #3
 $\Delta = 3' 19' 58''$
 $D = 1' 30' 00''$
 $R = 3819.72'$
 $T = 111.12'$
 $L = 222.18'$
 $E = 1.62'$

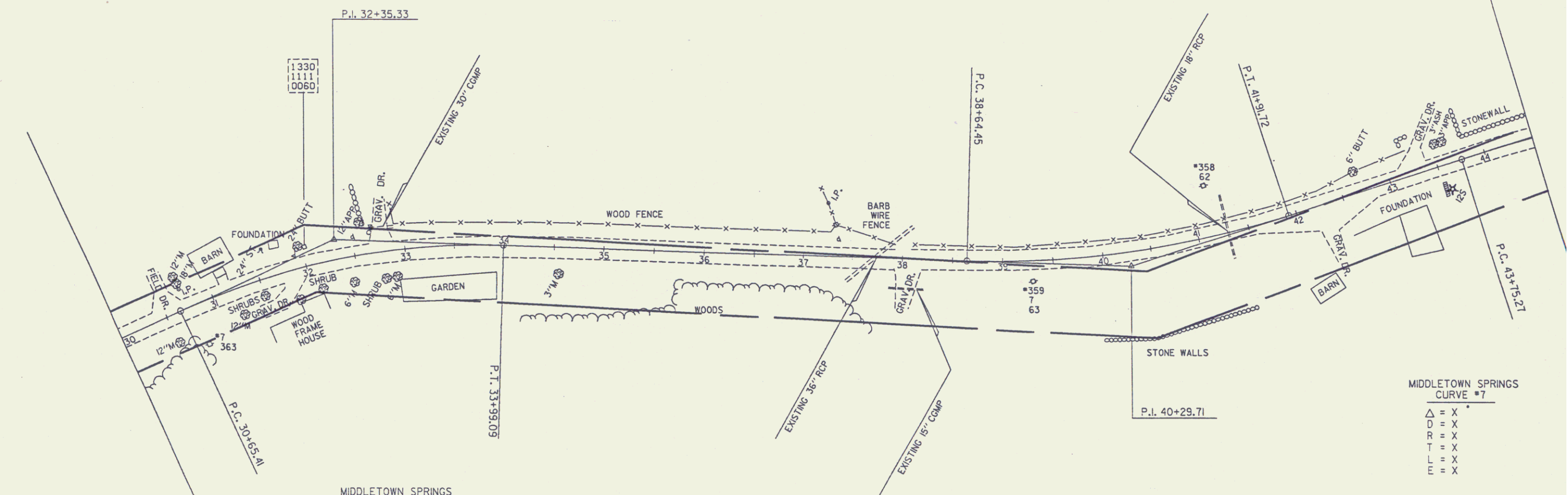
Sheet 30
SURVEYED BY MOREAU
DRAWN BY DAYE
SQUAD LEADER 29
DESIGN FILE NO. ZG0450, T6JVT



MIDDLETOWN SPRINGS
CURVE #6
 $\Delta = 19^{\circ} 38' 12''$
 $D = 6^{\circ} 00' 00''$
 $R = 954.93'$
 $T = 165.26'$
 $L = 327.28'$
 $E = 14.19'$

MIDDLETOWN SPRINGS
CURVE #5
 $\Delta = 26^{\circ} 41' 41''$
 $D = 8^{\circ} 00' 00''$
 $R = 716.20'$
 $T = 169.93'$
 $L = 333.69'$
 $E = 19.88'$

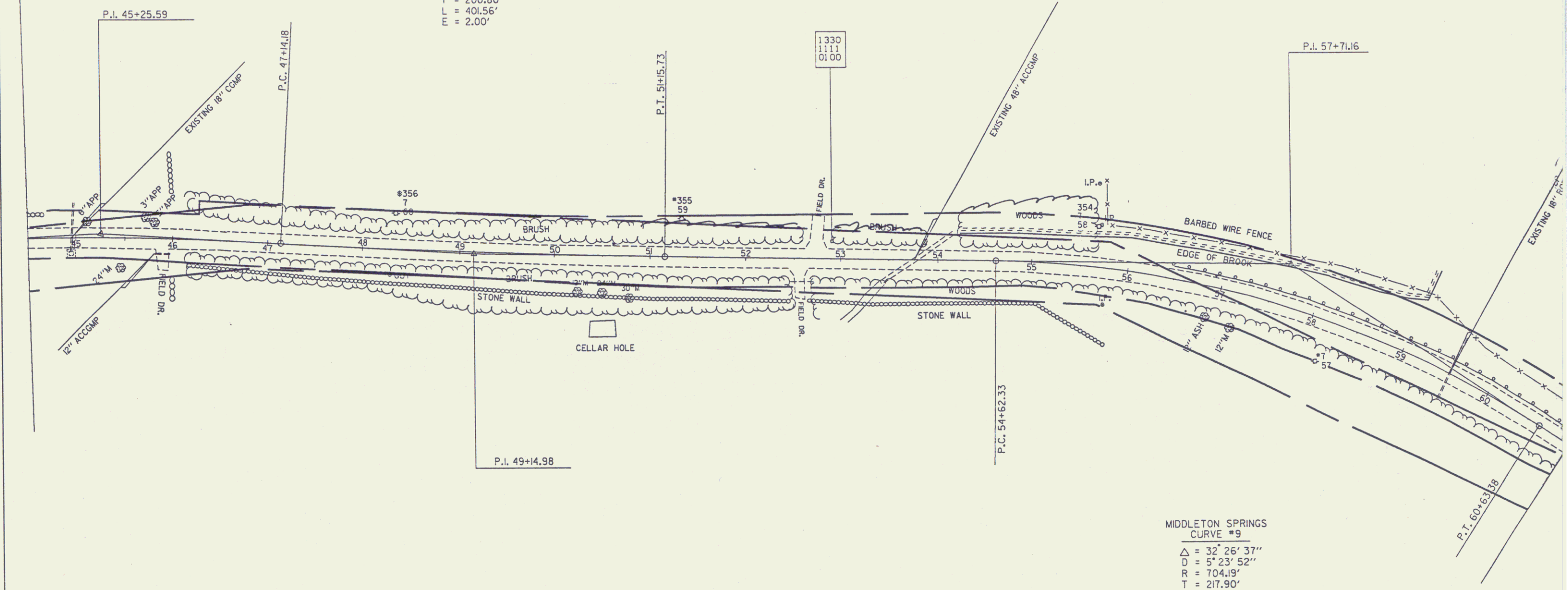
MIDDLETOWN SPRINGS
CURVE #7
 $\Delta = X$
 $D = X$
 $R = X$
 $T = X$
 $L = X$
 $E = X$



Sheet 31
SURVEYED BY MOREAU
DRAWN BY DAYE
SQUAD LEADER 30
DESIGN FILE NO. ZGD150.763VT13

MIDDLETOWN SPRINGS
CURVE #8

$\Delta = 2^{\circ} 16' 57''$
 $D = 00^{\circ} 34' 06''$
 $R = 10079.82'$
 $T = 200.80'$
 $L = 401.56'$
 $E = 2.00'$



MIDDLETOWN SPRINGS
CURVE #9

$\Delta = 32^{\circ} 26' 37''$
 $D = 5^{\circ} 23' 52''$
 $R = 704.19'$
 $T = 217.90'$
 $L = 601.05'$
 $E = 44.01'$

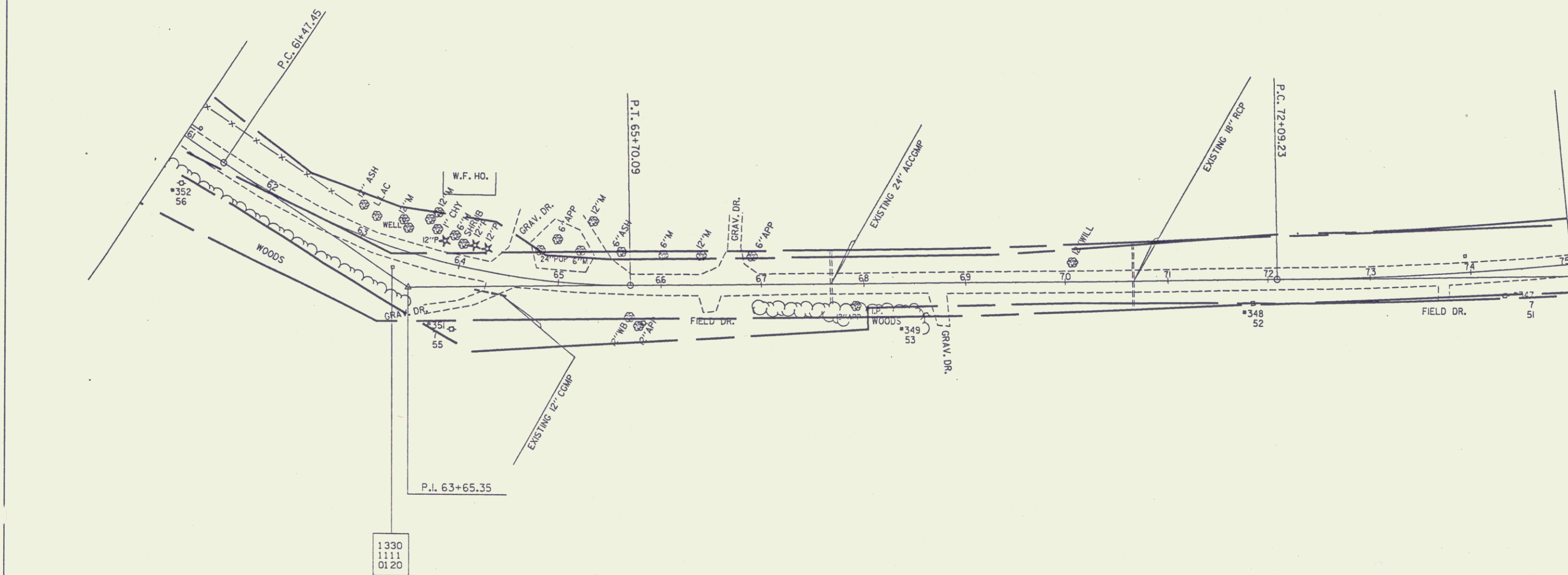
Sheet 30 32
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER 31
 DESIGN FILE NO. ZG0150.763VT
 DATE

MIDDLETOWN SPRINGS
CURVE #10

$\Delta = 34^{\circ} 23' 16''$
 $D = 8' 08' 11''$
 $R = 704.19'$
 $T = 217.90'$
 $L = 422.64'$
 $E = 32.94'$

MIDDLETOWN SPRINGS
CURVE #11

$\Delta = 111^{\circ} 08' 00''$
 $D = 01^{\circ} 36' 43''$
 $R = 3554.69'$
 $T = 348.09'$
 $L = 693.98'$
 $E = 17.00'$

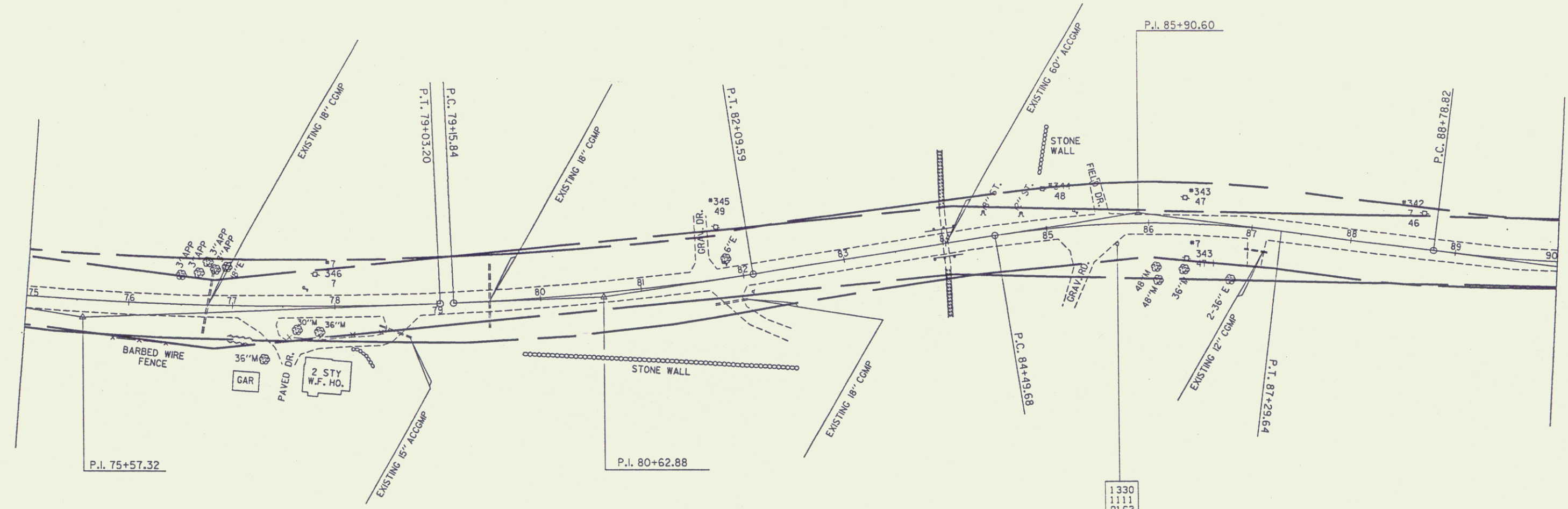


1330
1111
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Sheet 63
 SURVEYED BY MOREAU DA
 DRAWN BY DAYE DA
 SQUAD LEADER 32

WN SPRINGS
#11
08"
43"
9'

MIDDLETOWN SPRINGS
CURVE #12
 $\Delta = 06^{\circ} 36' 34''$
 $D = 02^{\circ} 15' 00''$
 $R = 2546.48'$
 $T = 147.04'$
 $L = 293.75'$
 $E = 4.24'$

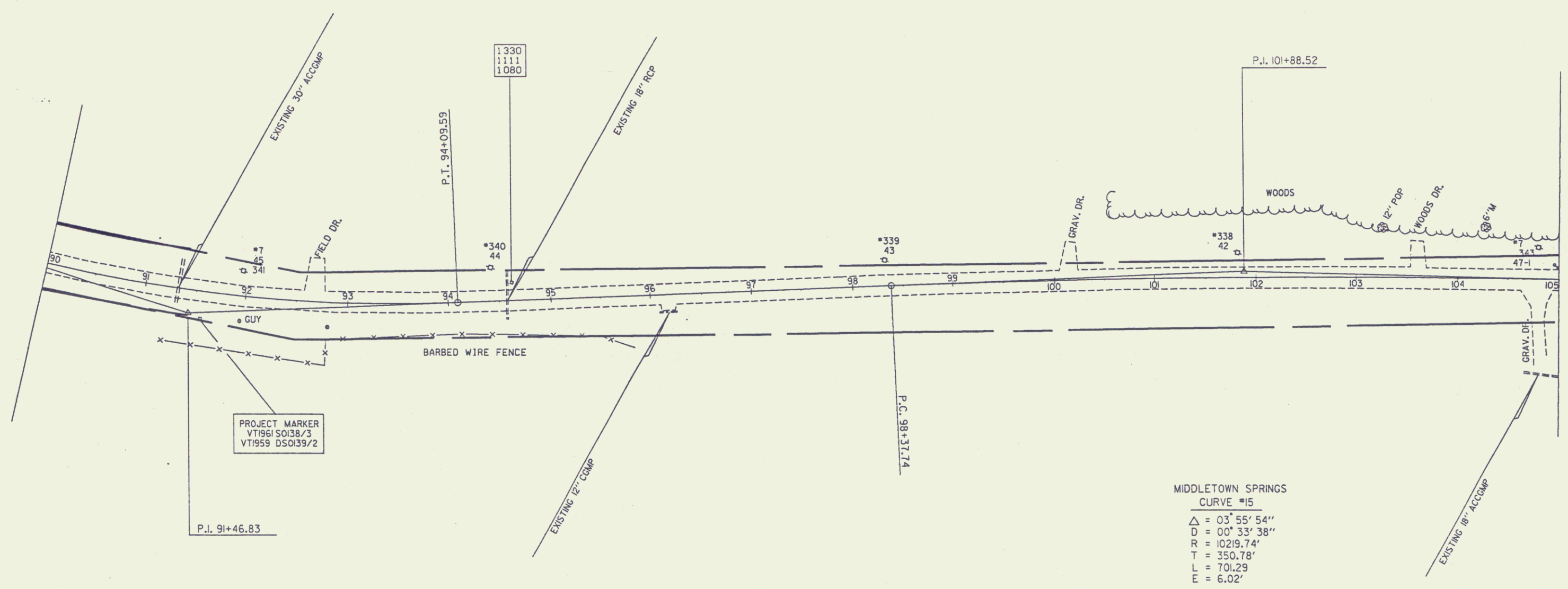


1330
1111
0162
MIDDLETOWN SPRINGS
CURVE #13
 $\Delta = 16^{\circ} 14' 39''$
 $D = 05^{\circ} 48' 08''$
 $R = 987.46'$
 $T = 140.92'$
 $L = 279.96'$
 $E = 10.00'$

Sheet 34
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.76 JV
 PRF VT1331 33 33 DATE...

MIDDLETOWN SPRINGS
CURVE #14

$\Delta = 19^{\circ} 37' 54''$
 $D = 03^{\circ} 41' 55''$
 $R = 1549.09'$
 $T = 268.01'$
 $L = 530.77'$
 $E = 23.01'$



MIDDLETOWN SPRINGS
CURVE #15

$\Delta = 03^{\circ} 55' 54''$
 $D = 00^{\circ} 33' 38''$
 $R = 10219.74'$
 $T = 350.78'$
 $L = 701.29'$
 $E = 6.02'$

Sheet 35

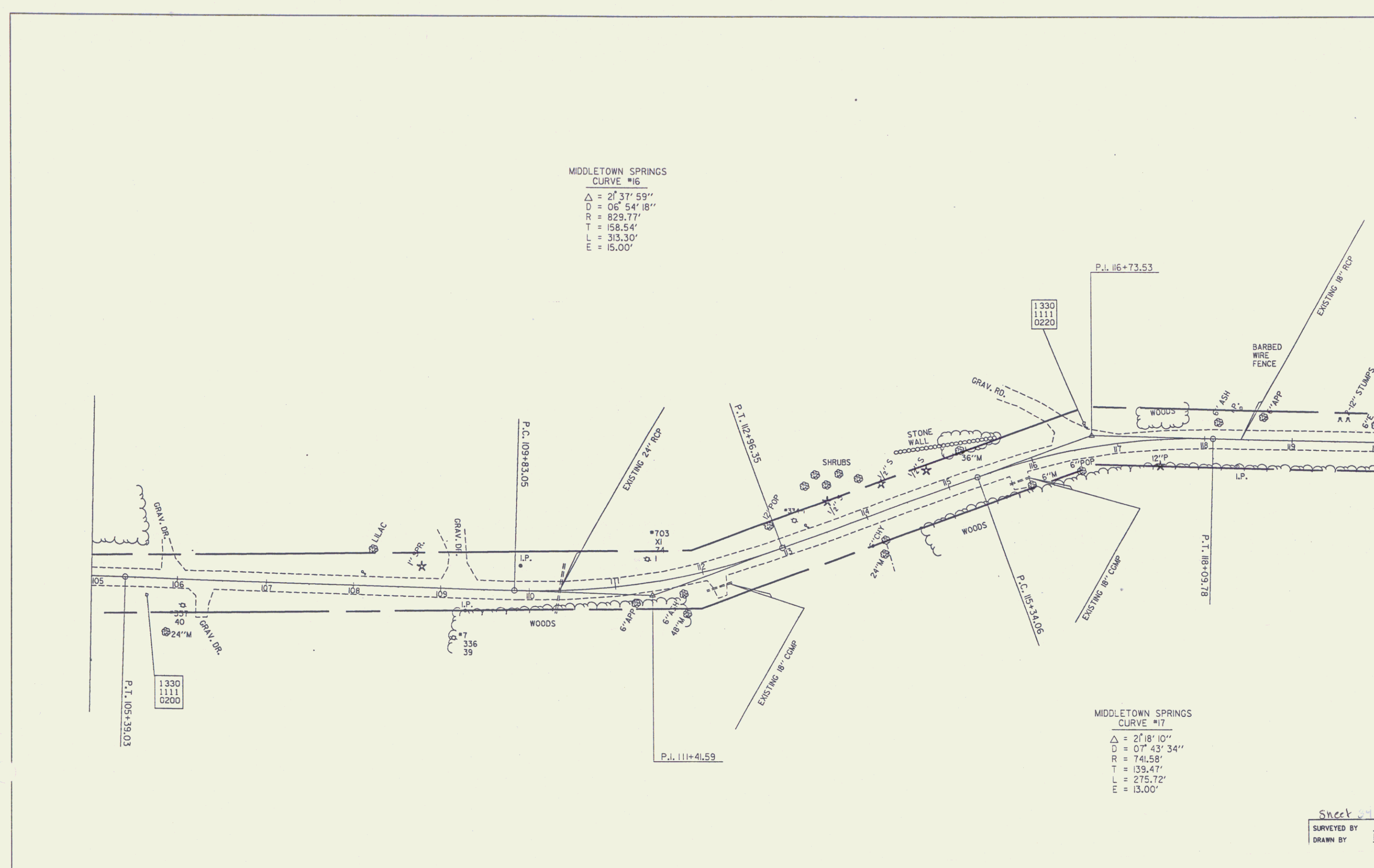
SURVEYED BY	MOREAU
DRAWN BY	DAYE
SQUAD LEADER	
DESIGN FILE NO.	ZG0150.76JVT
PRF	DATE 34

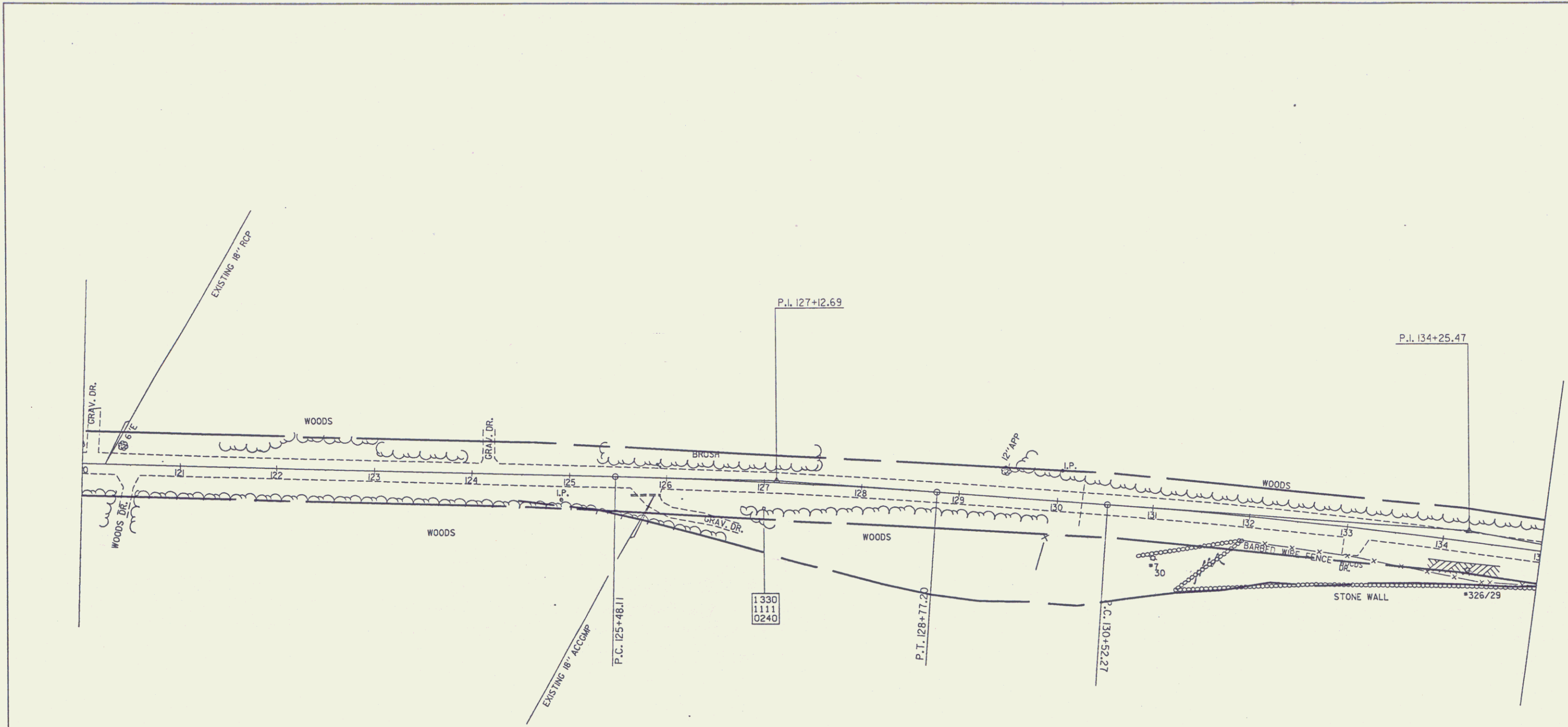
MIDDLETOWN SPRINGS
CURVE #16

$\Delta = 21^{\circ} 37' 59''$
 $D = 06^{\circ} 54' 18''$
 $R = 829.77'$
 $T = 158.54'$
 $L = 313.30'$
 $E = 15.00'$

MIDDLETOWN SPRINGS
CURVE #17

$\Delta = 21^{\circ} 18' 10''$
 $D = 07^{\circ} 43' 34''$
 $R = 741.58'$
 $T = 139.47'$
 $L = 275.72'$
 $E = 13.00'$



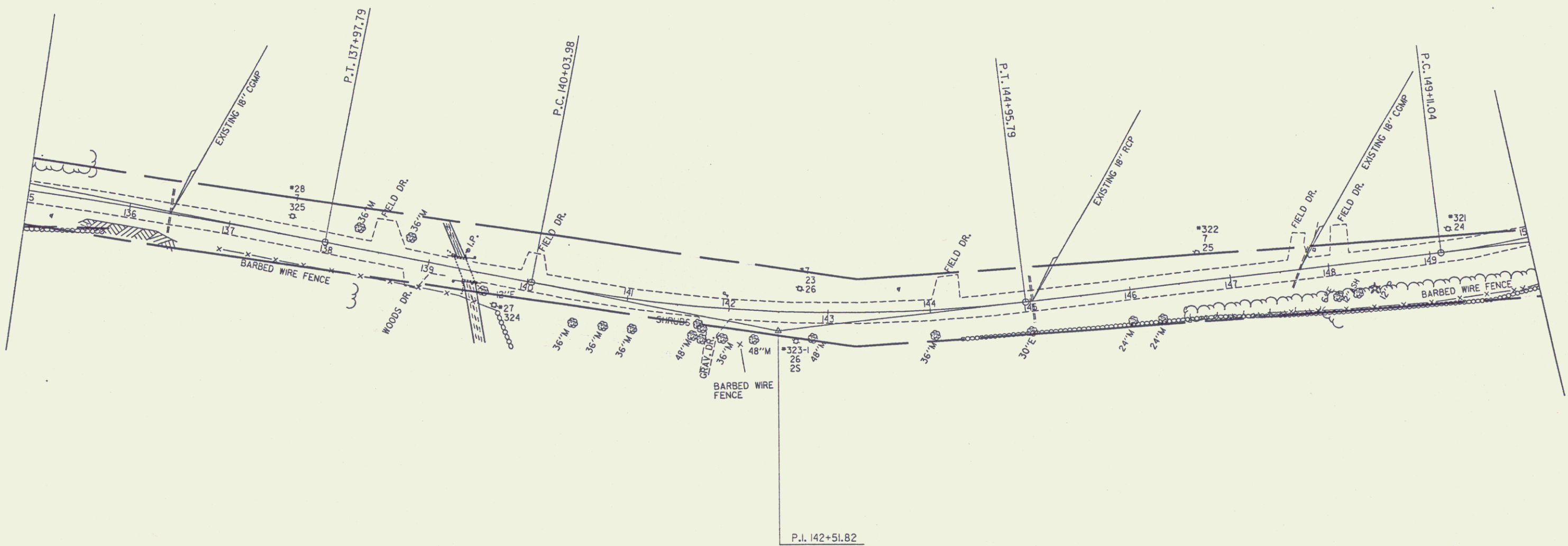


MIDDLETOWN SPRINGS
 CURVE #18
 $\Delta = 02^{\circ} 47' 30''$
 $D = 00^{\circ} 50' 54''$
 $R = 6754.20'$
 $T = 164.58'$
 $L = 329.08'$
 $E = 2.00'$

MIDDLETOWN SPRINGS
 CURVE #19
 $\Delta = 06^{\circ} 45' 58''$
 $D = 00^{\circ} 54' 27''$
 $R = 6313.07'$
 $T = 373.20'$
 $L = 745.53'$
 $E = 11.02'$

Sheet 37
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0450, T6JVT
 PRF DATE 36

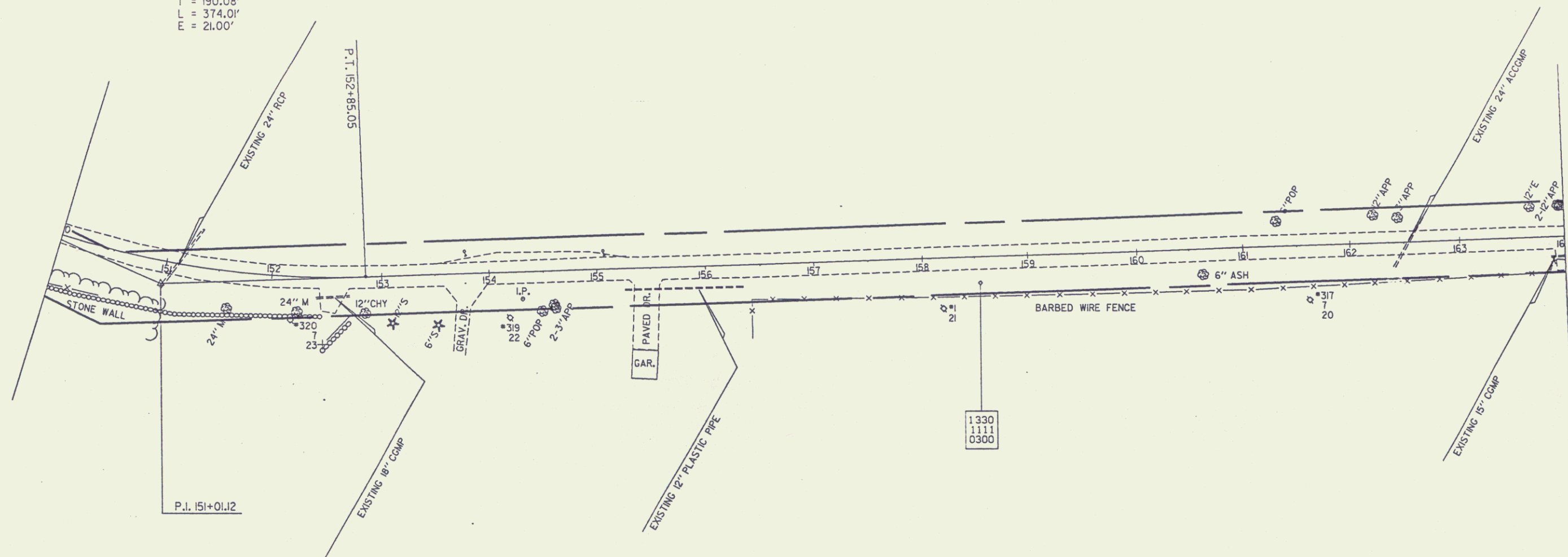
MIDDLETOWN SPRINGS
 CURVE #20
 $\Delta = 17^{\circ} 32' 31''$
 $D = 03^{\circ} 34' 00''$
 $R = 1606.37'$
 $T = 247.85'$
 $L = 491.81'$
 $E = 19.00'$



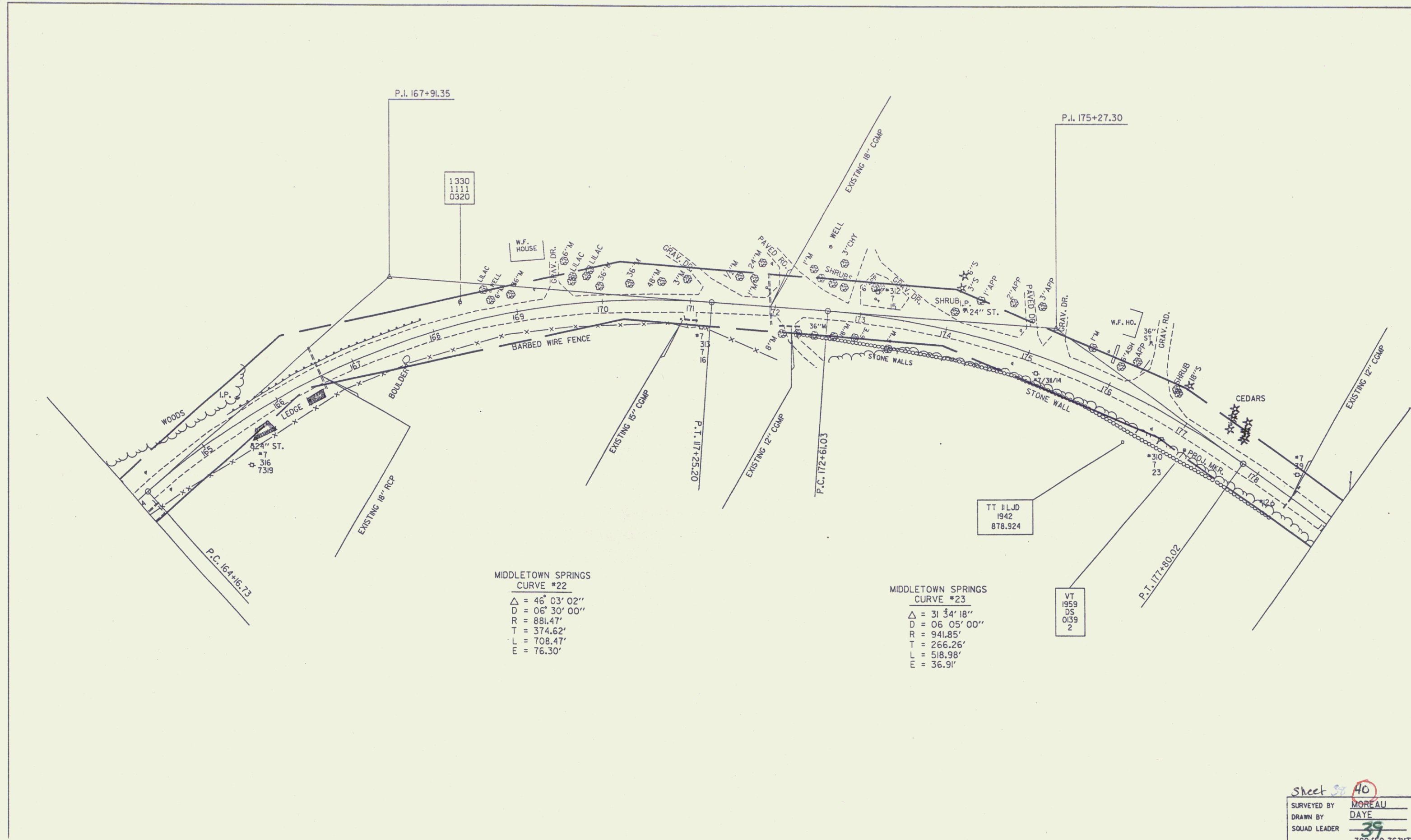
Sheet 35
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. Z00150.763V1
 PRF VT133L37 DATE 37
 FILE PLOTT

MIDDLETOWN SPRINGS
CURVE #2

Δ = 25° 13' 08"
D = 06° 44' 34"
R = 849.74'
T = 190.08'
L = 374.01'
E = 21.00'



Sheet 39
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZCO150.763VZ
 PR VT133L38 DATE
 FILE 38 PLOT



1330
1111
0320

MIDDLETOWN SPRINGS
CURVE #22
 $\Delta = 46^{\circ} 03' 02''$
 $D = 06^{\circ} 30' 00''$
 $R = 881.47'$
 $T = 374.62'$
 $L = 708.47'$
 $E = 76.30'$

MIDDLETOWN SPRINGS
CURVE #23
 $\Delta = 31^{\circ} 34' 18''$
 $D = 06^{\circ} 05' 00''$
 $R = 941.85'$
 $T = 266.26'$
 $L = 518.98'$
 $E = 36.91'$

TT 11JJD
1942
878.924

VT
1959
DS
0139
2

Sheet 39 **40**
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER 39
 DESIGN FILE NO. ZG0150.76JVTB



MIDDLETOWN SPRINGS
 CURVE #25
 $\Delta = 39^{\circ} 38' 08''$
 $D = 09^{\circ} 14' 53''$
 $R = 619.54'$
 $T = 223.27'$
 $L = 428.58'$
 $E = 39.00'$

MIDDLETOWN SPRINGS
 CURVE #24
 $\Delta = 01^{\circ} 33' 10''$
 $D = 00^{\circ} 31' 31''$
 $R = 10906.76'$
 $T = 147.82'$
 $L = 295.59'$
 $E = 1.00'$

Sheet 41
 SURVEYED BY MOREAU
 DRAWN BY DAY
 SOLID LEADER 40
 DESIGN FILE NO. ZOO150763VT

MIDDLETOWN SPRINGS
CURVE #27

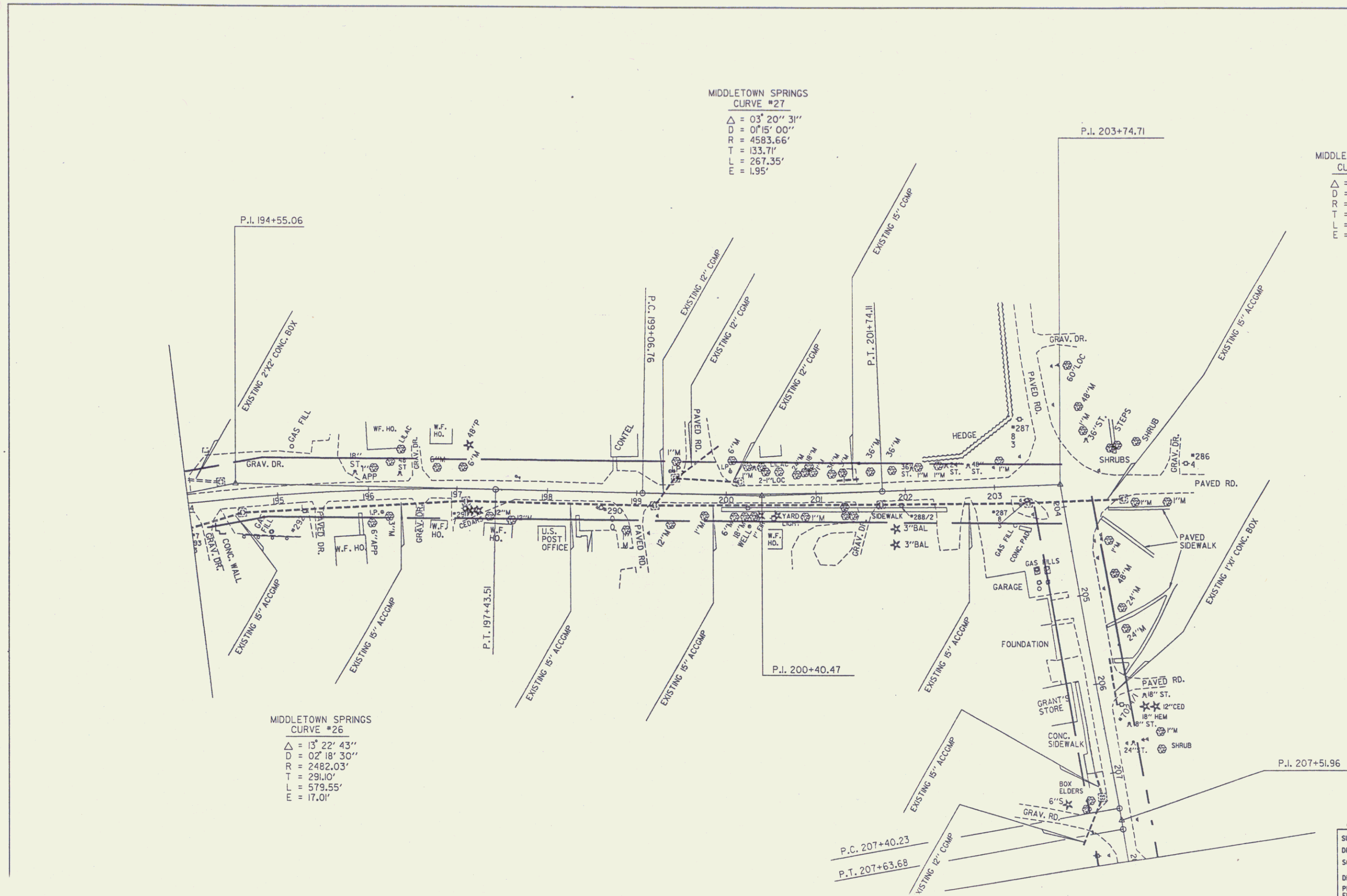
$\Delta = 03^{\circ} 20' 31''$
 $D = 0115' 00''$
 $R = 4583.66'$
 $T = 133.71'$
 $L = 267.35'$
 $E = 1.95'$

MIDDLETOWN SPRINGS
CURVE #28

$\Delta = 82^{\circ} 11' 00''$
 $D = 00^{\circ} 00' 00''$
 $R = 0.00'$
 $T = 0.00'$
 $L = 0.00'$
 $E = 0.00'$

MIDDLETOWN SPRINGS
CURVE #26

$\Delta = 13^{\circ} 22' 43''$
 $D = 02^{\circ} 18' 30''$
 $R = 2482.03'$
 $T = 291.10'$
 $L = 579.55'$
 $E = 17.01'$



Sheet 42
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0450.76JVT
 PRF VT133L-41 DATE
 FILE PLOT



MIDDLETOWN SPRINGS
 CURVE #30
 $\Delta = 05^{\circ} 22' 53''$
 $D = 03^{\circ} 09' 18''$
 $R = 1816.03'$
 $T = 85.35'$
 $L = 170.57'$
 $E = 2.00'$

MIDDLETOWN SPRINGS
 CURVE #31
 $\Delta = 08^{\circ} 28' 02''$
 $D = 01^{\circ} 44' 30''$
 $R = 3289.52'$
 $T = 243.50'$
 $L = 486.12'$
 $E = 9.00'$

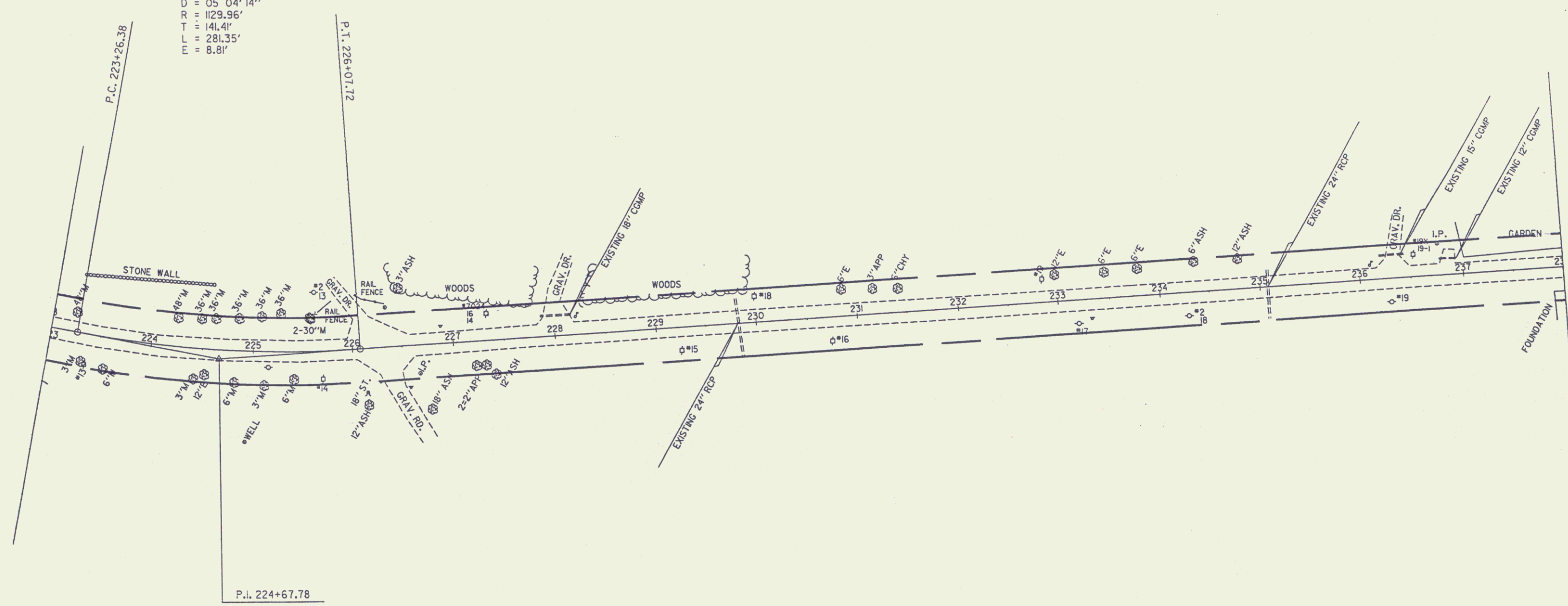
MIDDLETOWN SPRINGS
 CURVE #32
 $\Delta = 11^{\circ} 31' 48''$
 $D = 04^{\circ} 30' 00''$
 $R = 1273.24'$
 $T = 128.54'$
 $L = 256.22'$
 $E = 6.47'$

MIDDLETOWN SPRINGS
 CURVE #29
 $\Delta = 01^{\circ} 10' 09''$
 $D = 04^{\circ} 59' 15''$
 $R = 1148.80'$
 $T = 11.72'$
 $L = 23.44'$
 $E = 0.06'$

1330
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 0400

Sheet 41 **43**
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER **42**
 DESIGN FILE NO. Z00150.75JVT
 DATE

MIDDLETOWN SPRINGS
 CURVE #33
 $\Delta = 14^{\circ} 15' 58''$
 $D = 05^{\circ} 04' 14''$
 $R = 1129.96'$
 $T = 141.41'$
 $L = 281.35'$
 $E = 8.81'$

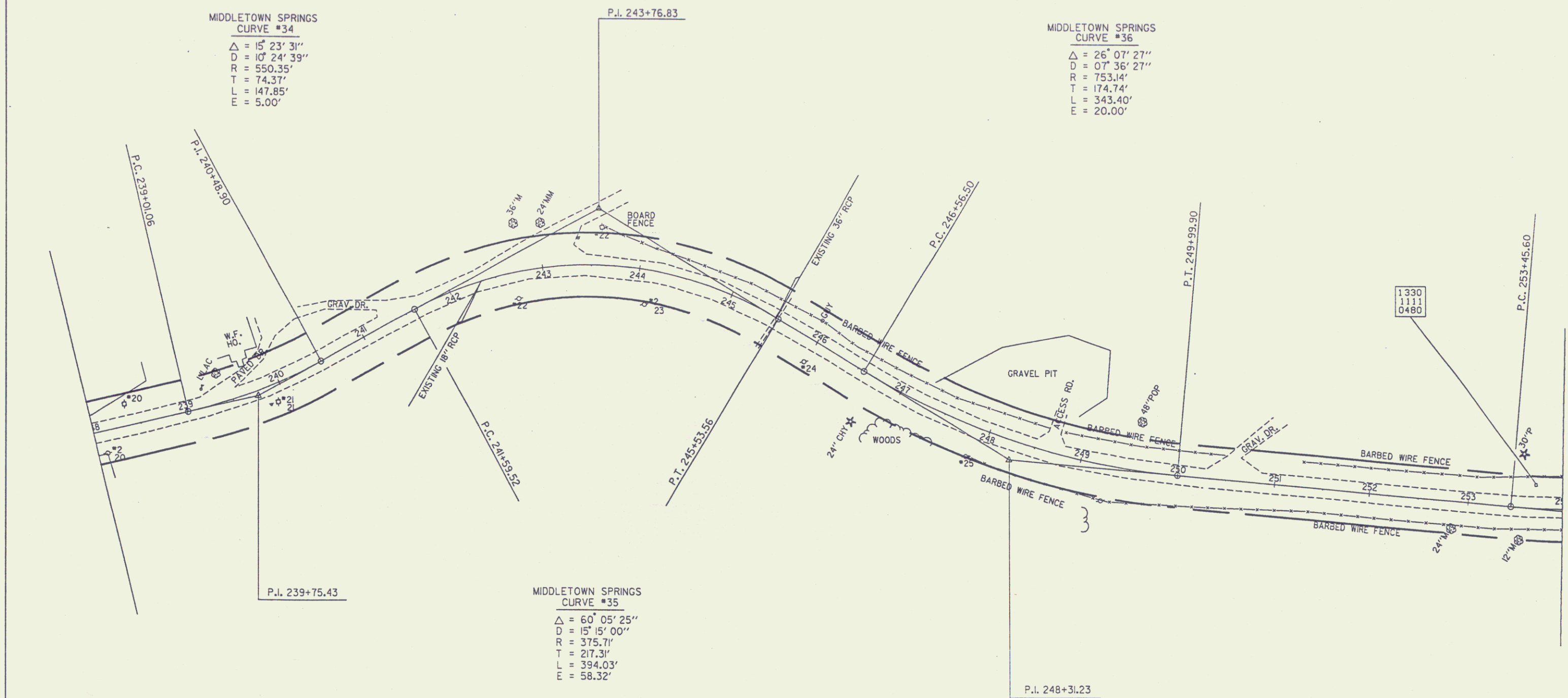


Sheet # 44
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER 43
 DESIGN FILE NO. Z00150.763VT

MIDDLETOWN SPRINGS
CURVE #34
 $\Delta = 15^\circ 23' 31''$
 $D = 107' 24' 39''$
 $R = 550.35'$
 $T = 74.37'$
 $L = 147.85'$
 $E = 5.00'$

MIDDLETOWN SPRINGS
CURVE #36
 $\Delta = 26^\circ 07' 27''$
 $D = 07' 36' 27''$
 $R = 753.14'$
 $T = 174.74'$
 $L = 343.40'$
 $E = 20.00'$

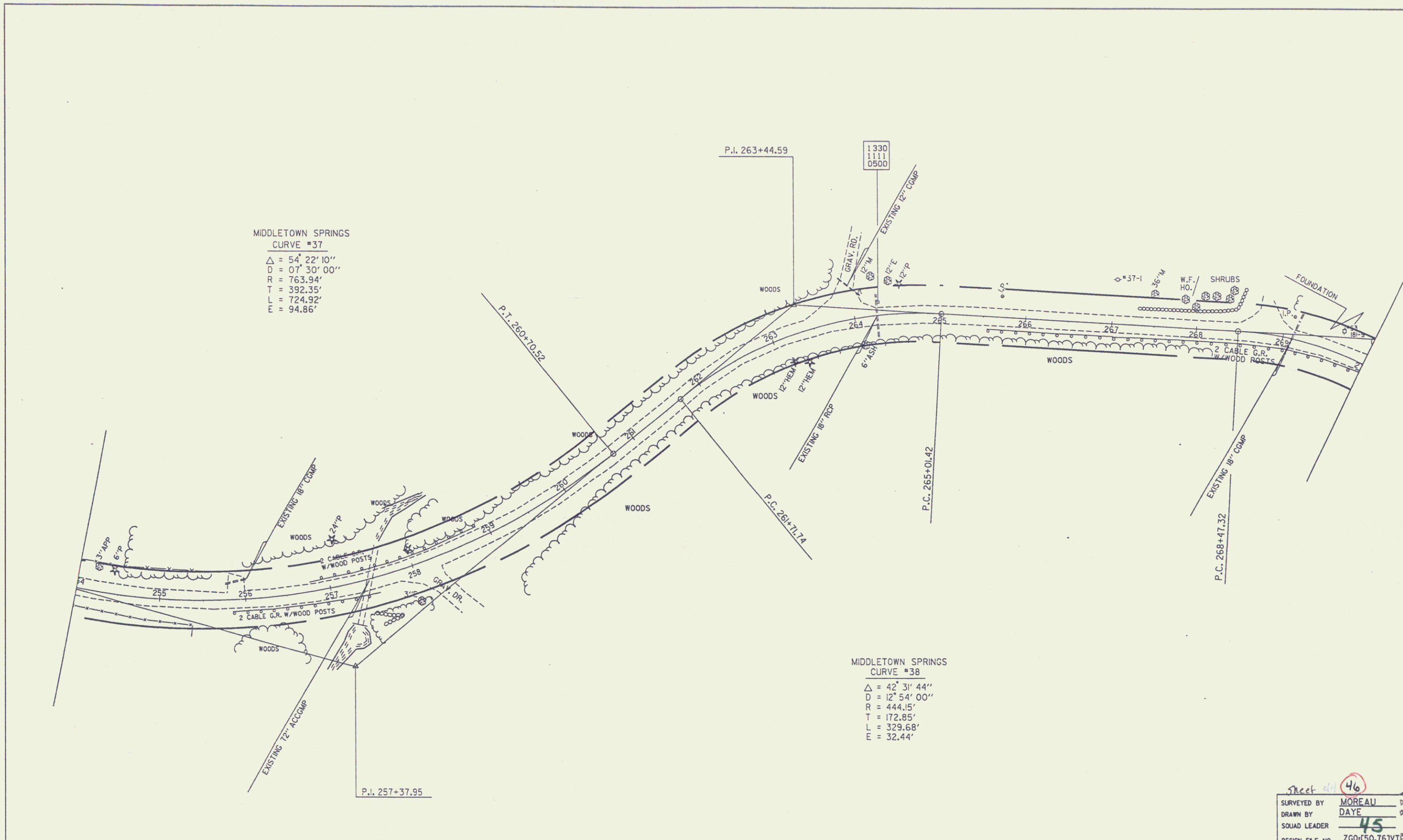
MIDDLETOWN SPRINGS
CURVE #35
 $\Delta = 60^\circ 05' 25''$
 $D = 15^\circ 15' 00''$
 $R = 375.71'$
 $T = 217.31'$
 $L = 394.03'$
 $E = 58.32'$



Sheet 45
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. Z00150.76JVT
 PRS VTI33L 44 DATE 44
 PLS PLOTTER

MIDDLETOWN SPRINGS
 CURVE #37
 $\Delta = 54^{\circ} 22' 10''$
 $D = 07^{\circ} 30' 00''$
 $R = 763.94'$
 $T = 392.35'$
 $L = 724.92'$
 $E = 94.86'$

MIDDLETOWN SPRINGS
 CURVE #38
 $\Delta = 42^{\circ} 31' 44''$
 $D = 12^{\circ} 54' 00''$
 $R = 444.15'$
 $T = 172.85'$
 $L = 329.68'$
 $E = 32.44'$



Sheet 46
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER 45
 DESIGN FILE NO. ZG0150.763VT
 DATE

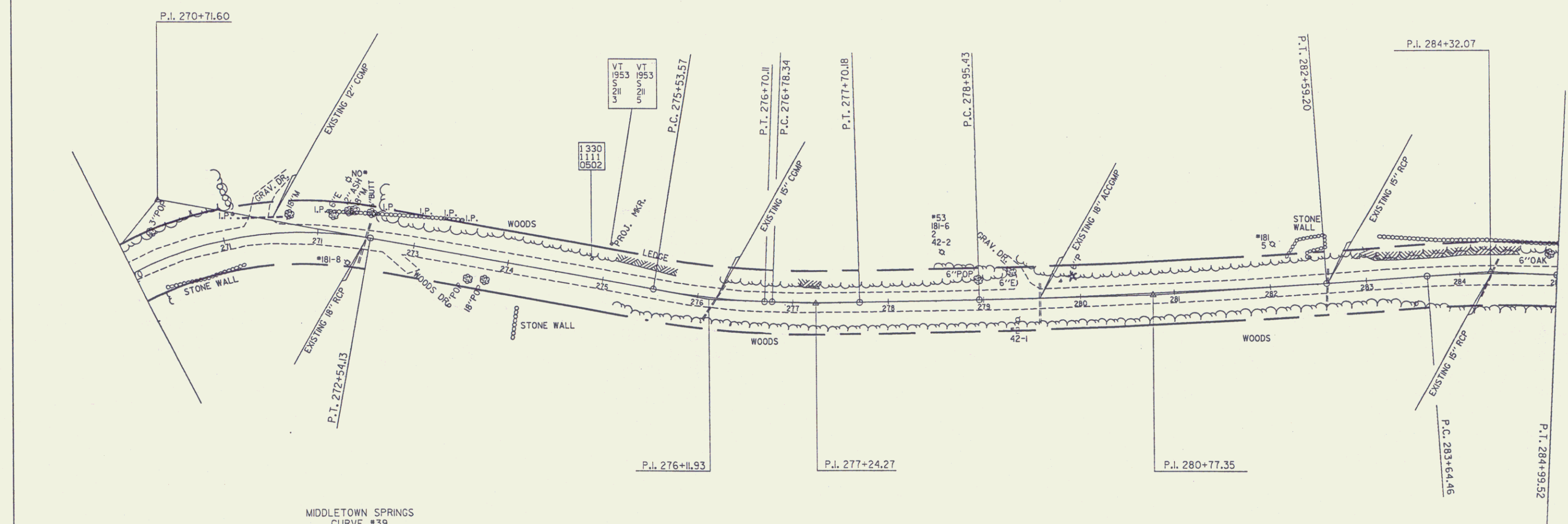
MIDDLETOWN SPRINGS
 CURVE #40
 $\Delta = 07^{\circ} 51' 08''$
 $D = 06^{\circ} 44' 15''$
 $R = 850.40'$
 $T = 58.36'$
 $L = 116.55'$
 $E = 2.00'$

MIDDLETOWN SPRINGS
 CURVE #41
 $\Delta = 03^{\circ} 40' 25''$
 $D = 04^{\circ} 00' 00''$
 $R = 1432.39'$
 $T = 45.94'$
 $L = 91.84'$
 $E = 0.74'$

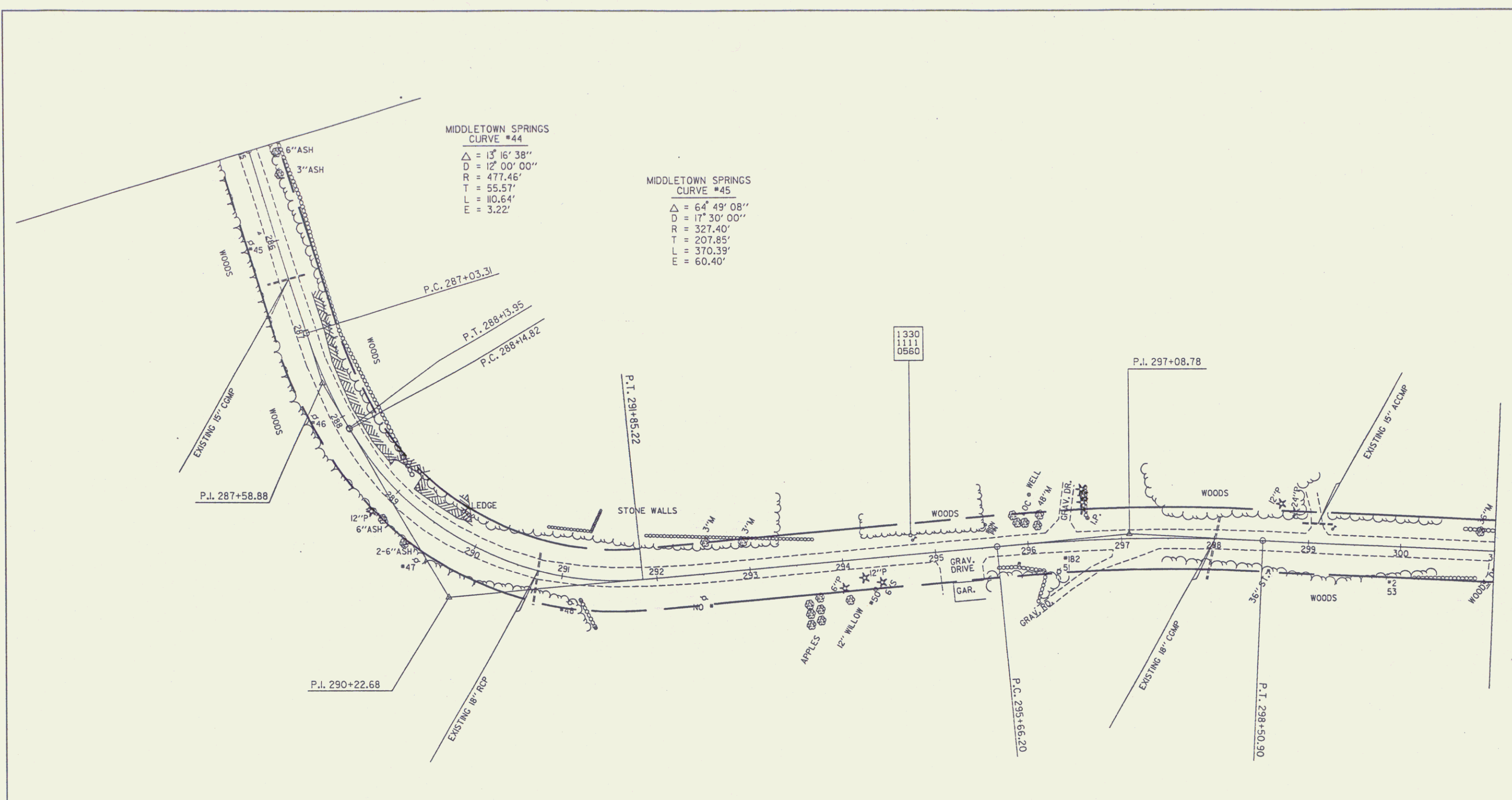
MIDDLETOWN SPRINGS
 CURVE #42
 $\Delta = 02^{\circ} 31' 52''$
 $D = 00^{\circ} 41' 45''$
 $R = 8234.44'$
 $T = 181.91'$
 $L = 363.77'$
 $E = 2.00'$

MIDDLETOWN SPRINGS
 CURVE #39
 $\Delta = 60^{\circ} 00' 10''$
 $D = 14^{\circ} 44' 59''$
 $R = 388.45'$
 $T = 224.28'$
 $L = 406.80'$
 $E = 60.10'$

MIDDLETOWN SPRINGS
 CURVE #43
 $\Delta = 06^{\circ} 45' 11''$
 $D = 05^{\circ} 00' 00''$
 $R = 1145.92'$
 $T = 67.61'$
 $L = 135.06'$
 $E = 1.99'$



Sheet 47
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.7631
 PRF VT133L46 46 DATE P.05



MIDDLETOWN SPRINGS
CURVE #44
 $\Delta = 13^{\circ} 16' 38''$
 $D = 12^{\circ} 00' 00''$
 $R = 477.46'$
 $T = 55.57'$
 $L = 110.64'$
 $E = 3.22'$

MIDDLETOWN SPRINGS
CURVE #45
 $\Delta = 64^{\circ} 49' 08''$
 $D = 17^{\circ} 30' 00''$
 $R = 327.40'$
 $T = 207.85'$
 $L = 370.39'$
 $E = 60.40'$

MIDDLETOWN SPRINGS
CURVE #46
 $\Delta = 08^{\circ} 02' 01''$
 $D = 02^{\circ} 49' 18''$
 $R = 2030.49'$
 $T = 142.58'$
 $L = 284.70'$
 $E = 5.00'$

Sheet 48
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER 47
 DESIGN FILE NO. ZG0150,76JY

MIDDLETOWN SPRINGS
 CURVE #48
 $\Delta = 25^{\circ} 39' 34''$
 $D = 06^{\circ} 59' 02''$
 $R = 820.40'$
 $T = 186.84'$
 $L = 367.41'$
 $E = 21.00'$

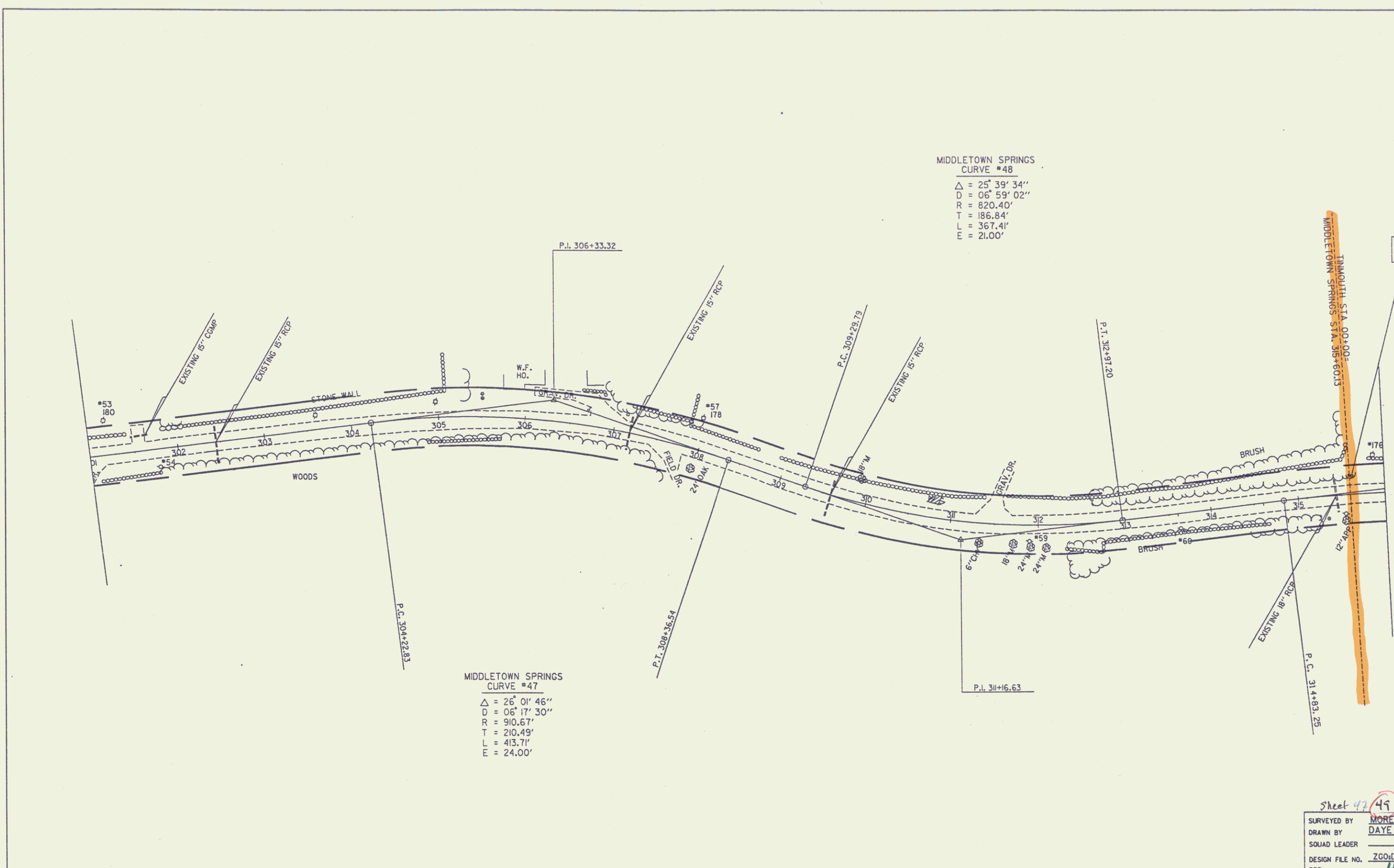
MIDDLETOWN SPRINGS
 CURVE #47
 $\Delta = 26^{\circ} 01' 46''$
 $D = 06^{\circ} 17' 30''$
 $R = 910.67'$
 $T = 210.49'$
 $L = 413.71'$
 $E = 24.00'$

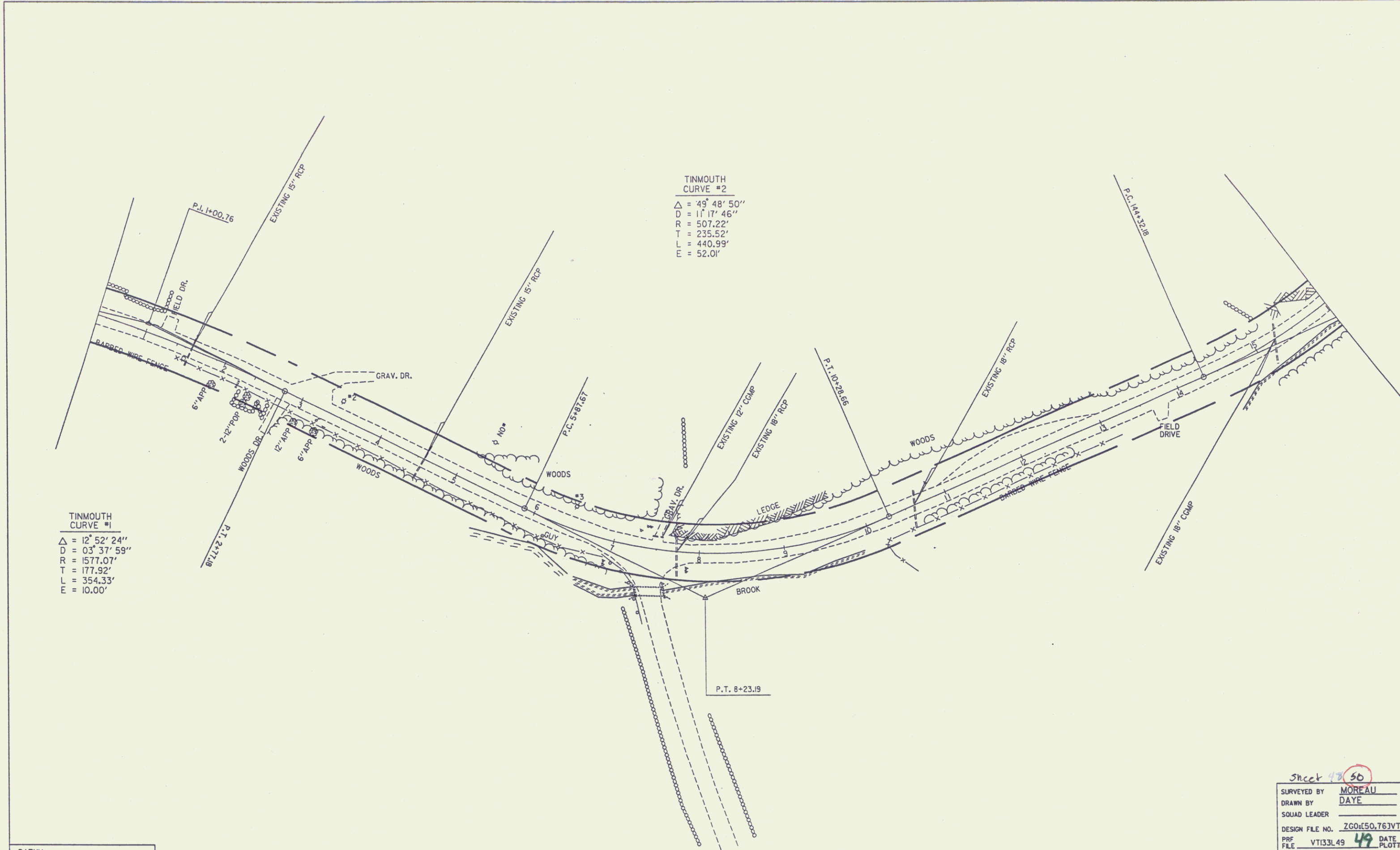
DATUM
 VERTICAL

INNOLITH STA. 00+00-
 MIDDLETOWN SPRINGS STA. 36+00.13

1130
 1124
 0215

Sheet 47.49
 SURVEYED BY MOREAU
 DRAWN BY DATE
 SOLID LEADER
 DESIGN FILE NO. ZG0150.76JVT
 PRF FILE VT133L48 48 DATE PLOTT
 PROJ. NAME VT 133





TINMOUTH
CURVE #1
 $\Delta = 12^\circ 52' 24''$
 $D = 03^\circ 37' 59''$
 $R = 1577.07'$
 $T = 177.92'$
 $L = 354.33'$
 $E = 10.00'$

TINMOUTH
CURVE #2
 $\Delta = 49^\circ 48' 50''$
 $D = 11^\circ 17' 46''$
 $R = 507.22'$
 $T = 235.52'$
 $L = 440.99'$
 $E = 52.01'$

DATUM
VERTICAL

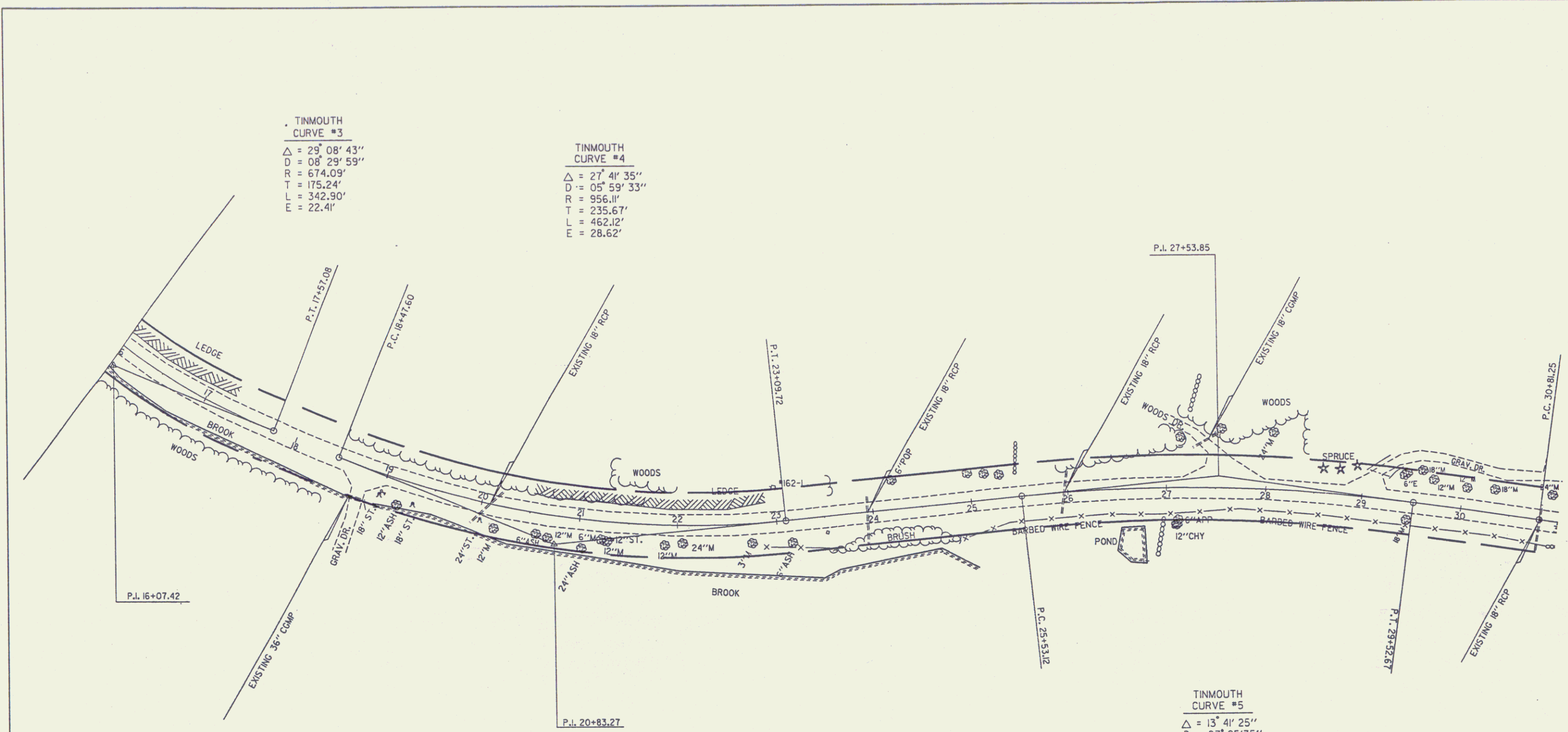
Sheet 43 50
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.76JVT
 PRF FILE VT133L49 49 DATE PLOTT
 PROJ. NAME VT 133

0 50 100

TINMOUTH
CURVE #3
 $\Delta = 29^{\circ} 08' 43''$
 $D = 08^{\circ} 29' 59''$
 $R = 674.09'$
 $T = 175.24'$
 $L = 342.90'$
 $E = 22.41'$

TINMOUTH
CURVE #4
 $\Delta = 27^{\circ} 41' 35''$
 $D = 05^{\circ} 59' 33''$
 $R = 956.11'$
 $T = 235.67'$
 $L = 462.12'$
 $E = 28.62'$

TINMOUTH
CURVE #5
 $\Delta = 13^{\circ} 41' 25''$
 $D = 03^{\circ} 25' 35''$
 $R = 1672.18'$
 $T = 200.73'$
 $L = 399.55'$
 $E = 12.00'$



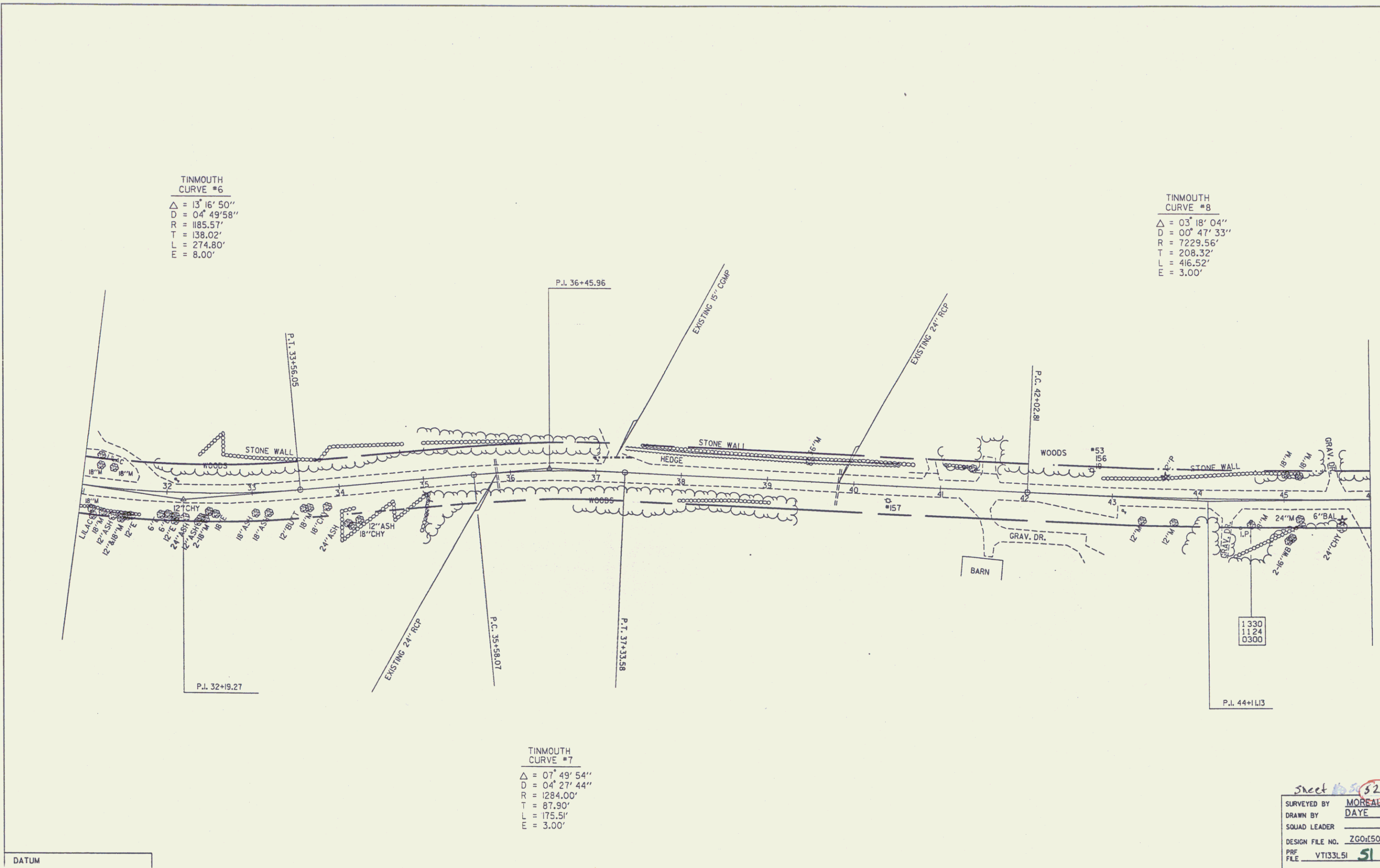
DATUM

Sheet 51
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.76JVT13
 PLOT FILE VT133L50 50 DATE PLOTTED

TINMOUTH
CURVE #6
 $\Delta = 13^{\circ} 16' 50''$
 $D = 04^{\circ} 49' 58''$
 $R = 1185.57'$
 $T = 138.02'$
 $L = 274.80'$
 $E = 8.00'$

TINMOUTH
CURVE #8
 $\Delta = 03^{\circ} 18' 04''$
 $D = 00^{\circ} 47' 33''$
 $R = 7229.56'$
 $T = 208.32'$
 $L = 416.52'$
 $E = 3.00'$

TINMOUTH
CURVE #7
 $\Delta = 07^{\circ} 49' 54''$
 $D = 04^{\circ} 27' 44''$
 $R = 1284.00'$
 $T = 87.90'$
 $L = 175.51'$
 $E = 3.00'$

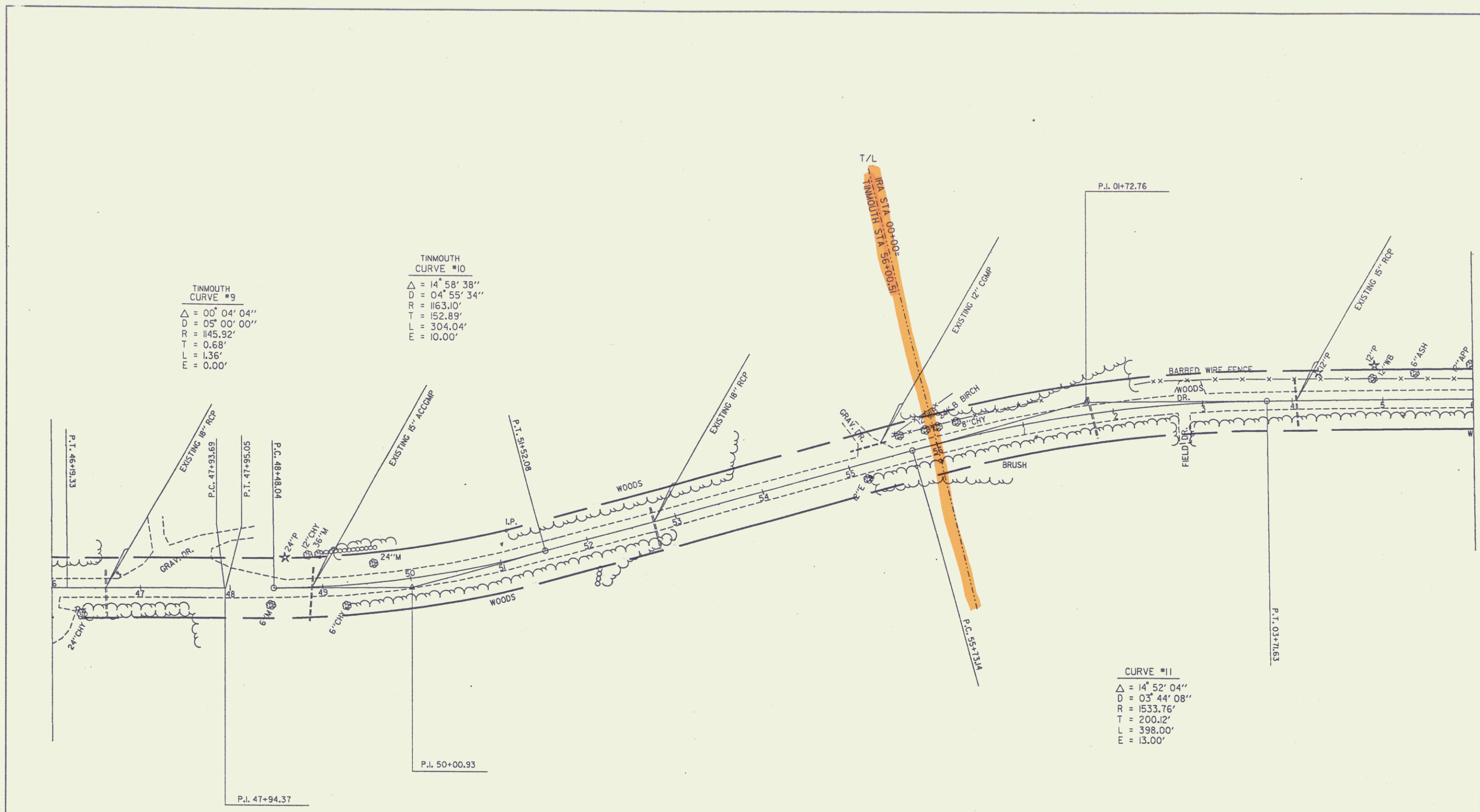


DATUM

1330
1124
0300



Sheet 52
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.76JVT
 PRF VT133LSI 51 DATE PLOTTE
 PROJ NAME VT 133



TINMOUTH
CURVE #9
 $\Delta = 00^{\circ} 04' 04''$
 $D = 05' 00' 00''$
 $R = 1145.92'$
 $T = 0.68'$
 $L = 1.36'$
 $E = 0.00'$

TINMOUTH
CURVE #10
 $\Delta = 14^{\circ} 58' 38''$
 $D = 04' 55' 34''$
 $R = 1163.10'$
 $T = 152.89'$
 $L = 304.04'$
 $E = 10.00'$

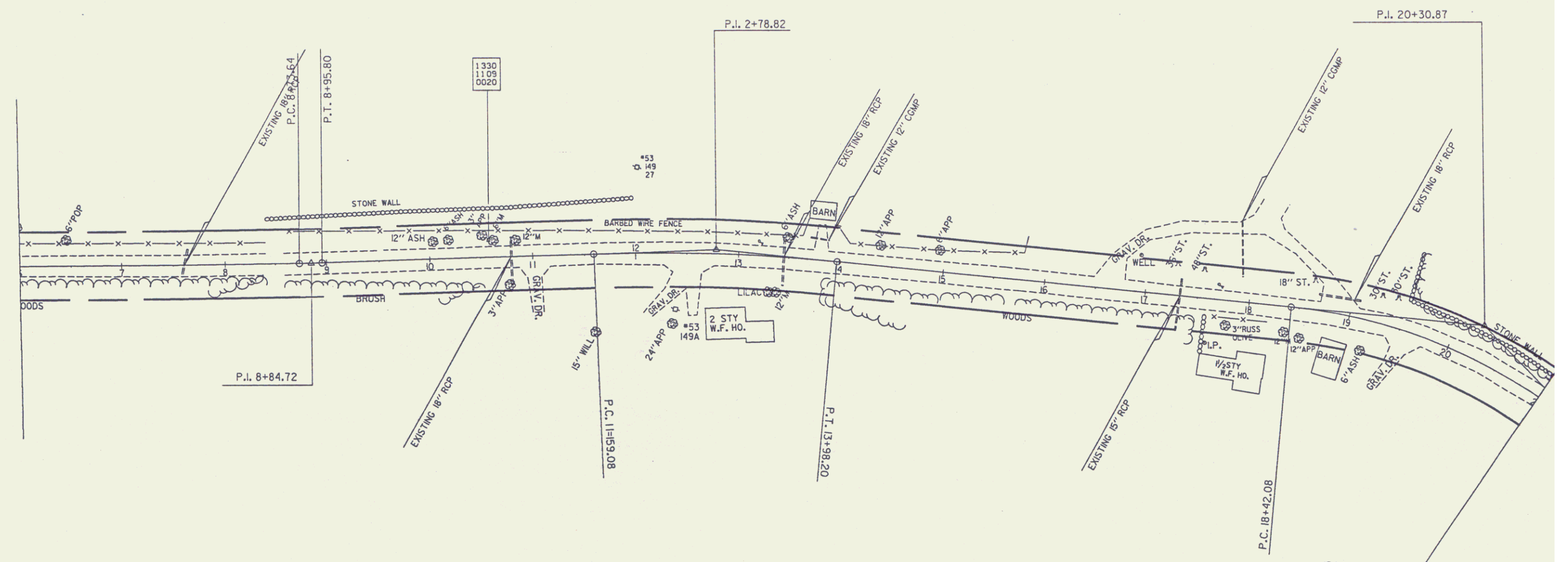
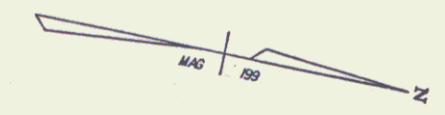
CURVE #11
 $\Delta = 14^{\circ} 52' 04''$
 $D = 03' 44' 08''$
 $R = 1533.76'$
 $T = 200.12'$
 $L = 398.00'$
 $E = 13.00'$

DATUM

SHEET 53
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.76JVT
 PRF FILE VT133L52 DATE 5/2 PLOT 95
 PROJ. NAME VT 133

0 50 100

IRA
CURVE #2
 $\Delta = 0^\circ 05' 47''$
 $D = 04' 56' 55''$
 $R = 1157.79'$
 $T = 11.08'$
 $L = 22.16'$
 $E = 0.05'$



IRA
CURVE #3
 $\Delta = 07^\circ 39' 59''$
 $D = 03^\circ 12' 22''$
 $R = 1787.06'$
 $T = 119.74'$
 $L = 239.12'$
 $E = 4.00'$

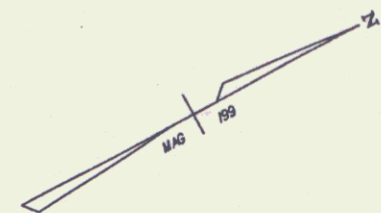
IRA
CURVE #4
 $\Delta = 40^\circ 40' 41''$
 $D = 11^\circ 15' 00''$
 $R = 509.30'$
 $T = 188.79'$
 $L = 361.58'$
 $E = 33.86'$

DATUM
VERTICAL

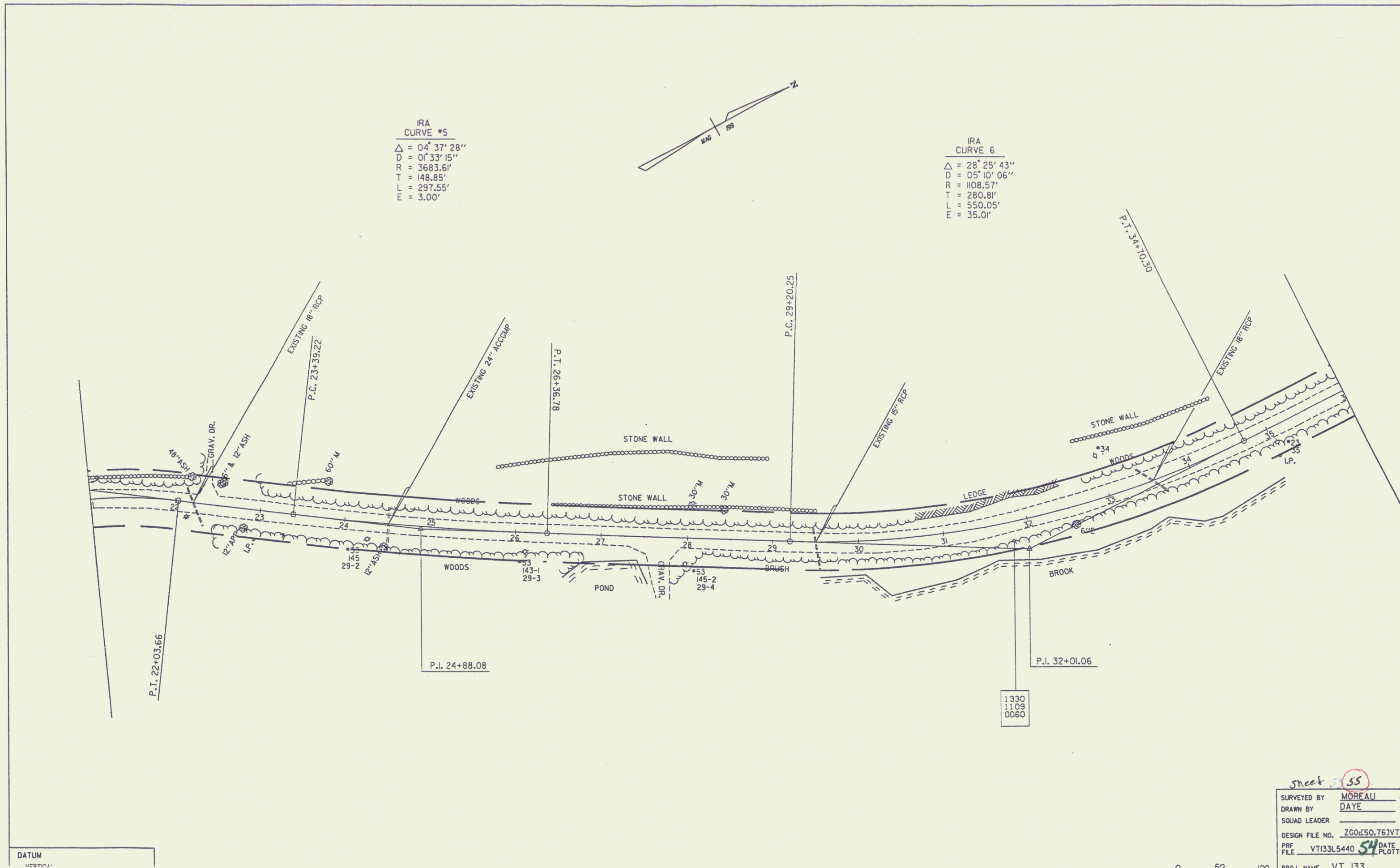
Sheet 54
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.76JVT
 PLOT FILE VT133L53 DATE 53
 PROJ. NAME VT 133

0 50 100

IRA
CURVE #5
 $\Delta = 04^{\circ} 37' 28''$
 $D = 01^{\circ} 33' 15''$
 $R = 3683.61'$
 $T = 148.85'$
 $L = 297.55'$
 $E = 3.00'$



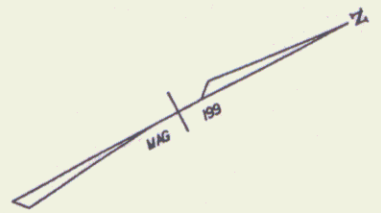
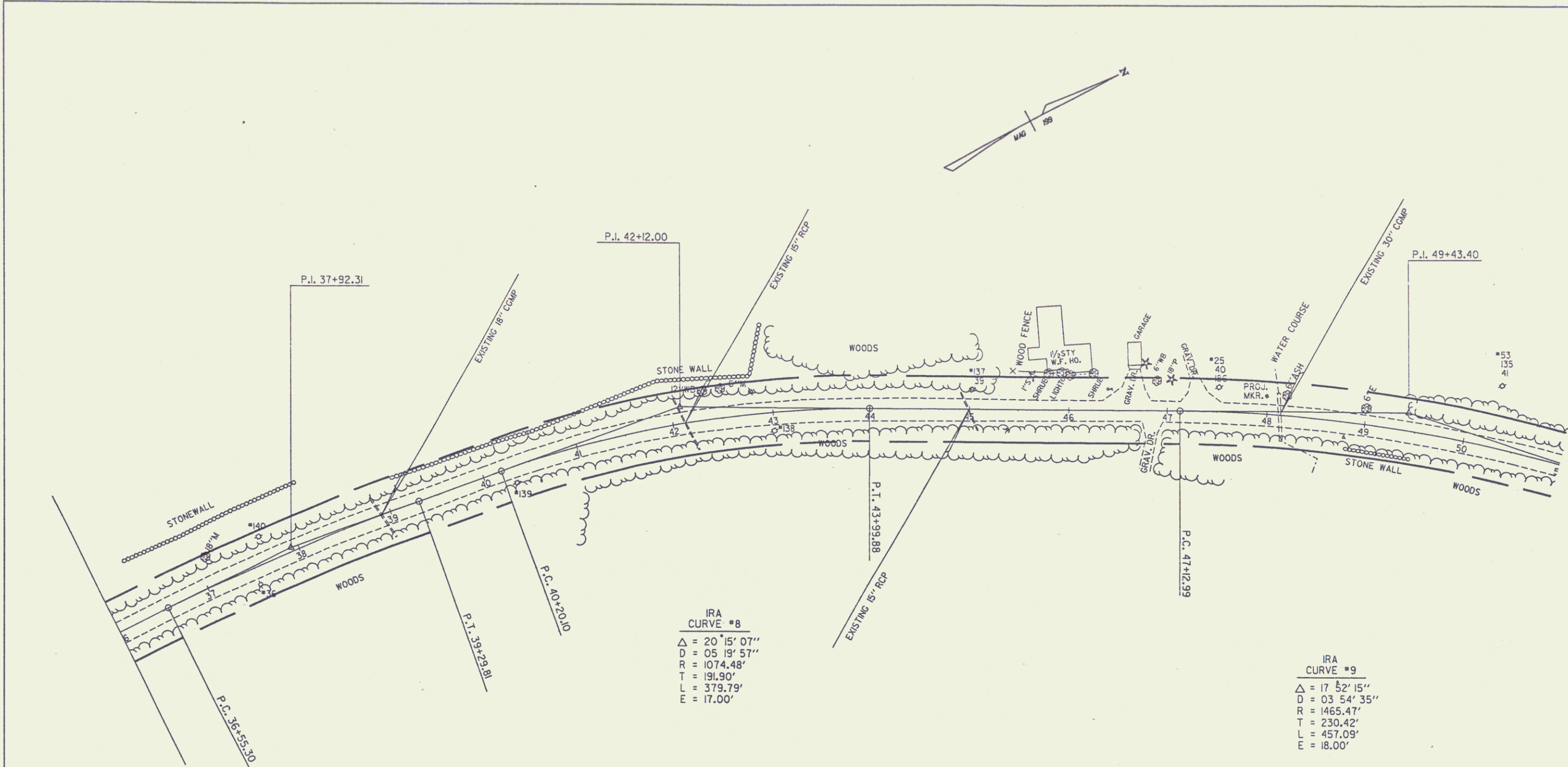
IRA
CURVE 6
 $\Delta = 28^{\circ} 25' 43''$
 $D = 05^{\circ} 10' 06''$
 $R = 1108.57'$
 $T = 280.81'$
 $L = 550.05'$
 $E = 35.01'$



DATUM
VERTICAL

1330
1109
0060

Sheet 55
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0K50.T6JVT
 PRF VT133L5440 DATE 5/14/04
 FILE DATE PLOT
 PROJ. NAME VT 133



IRA
CURVE #7
 $\Delta = 06^{\circ} 40' 51''$
 $D = 02^{\circ} 26' 01''$
 $R = 2354.24'$
 $T = 137.41'$
 $L = 274.51'$
 $E = 4.00'$

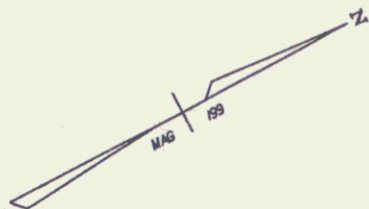
IRA
CURVE #8
 $\Delta = 20^{\circ} 15' 07''$
 $D = 05^{\circ} 19' 57''$
 $R = 1074.48'$
 $T = 191.90'$
 $L = 379.79'$
 $E = 17.00'$

IRA
CURVE #9
 $\Delta = 17^{\circ} 52' 15''$
 $D = 03^{\circ} 54' 35''$
 $R = 1465.47'$
 $T = 230.42'$
 $L = 457.09'$
 $E = 18.00'$

DATUM
VERTICAL



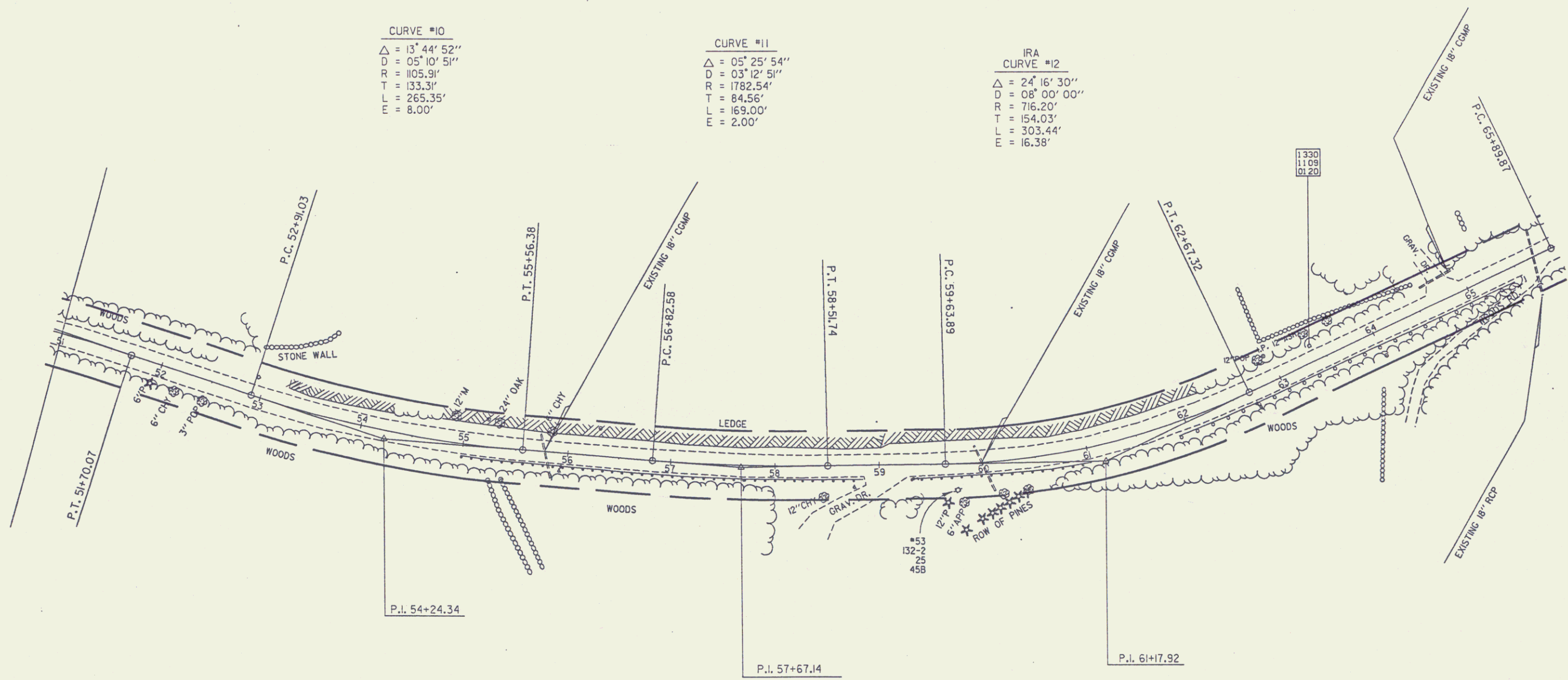
Sheet 51 56
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.763VT133
 PRF. FILE VT133L55 DATE 55 PLOTTED
 PROJ. NAME VT 133



CURVE #10
 $\Delta = 13^{\circ} 44' 52''$
 $D = 05^{\circ} 10' 51''$
 $R = 1105.91'$
 $T = 133.31'$
 $L = 265.35'$
 $E = 8.00'$

CURVE #11
 $\Delta = 05^{\circ} 25' 54''$
 $D = 03^{\circ} 12' 51''$
 $R = 1782.54'$
 $T = 84.56'$
 $L = 169.00'$
 $E = 2.00'$

IRA
 CURVE #12
 $\Delta = 24^{\circ} 16' 30''$
 $D = 08^{\circ} 00' 00''$
 $R = 716.20'$
 $T = 154.03'$
 $L = 303.44'$
 $E = 16.38'$



DATUM
 VERTIC

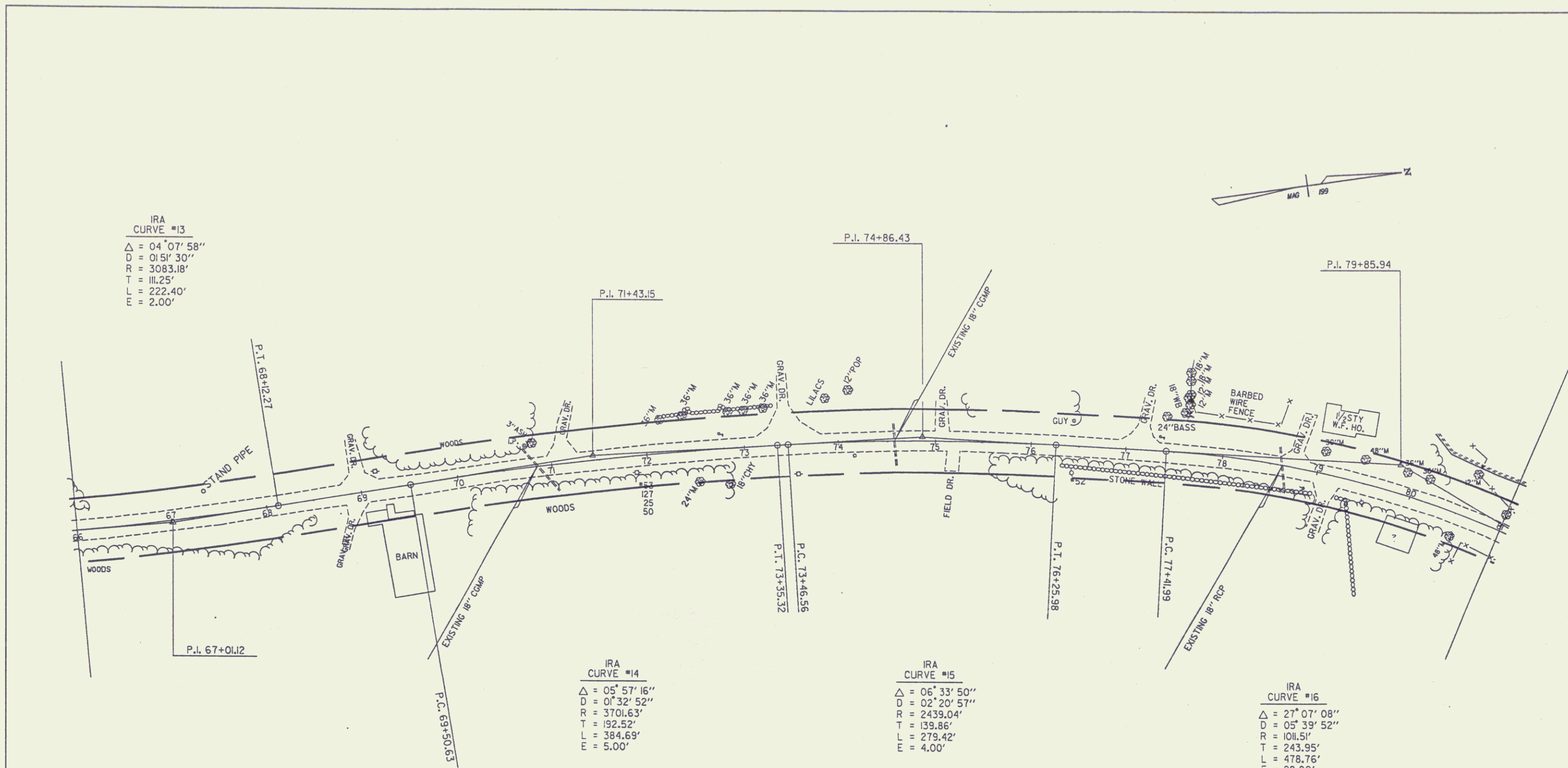
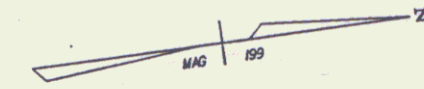
Sheet: **57**
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.76JVT
 PRF FILE VT133L56 DATE 56
 PROJ NAME VT 133

IRA
CURVE #13
 $\Delta = 04^{\circ} 07' 58''$
 $D = 0151' 30''$
 $R = 3083.18'$
 $T = 111.25'$
 $L = 222.40'$
 $E = 2.00'$

IRA
CURVE #14
 $\Delta = 05^{\circ} 57' 16''$
 $D = 01^{\circ} 32' 52''$
 $R = 3701.63'$
 $T = 192.52'$
 $L = 384.69'$
 $E = 5.00'$

IRA
CURVE #15
 $\Delta = 06^{\circ} 33' 50''$
 $D = 02^{\circ} 20' 57''$
 $R = 2439.04'$
 $T = 139.86'$
 $L = 279.42'$
 $E = 4.00'$

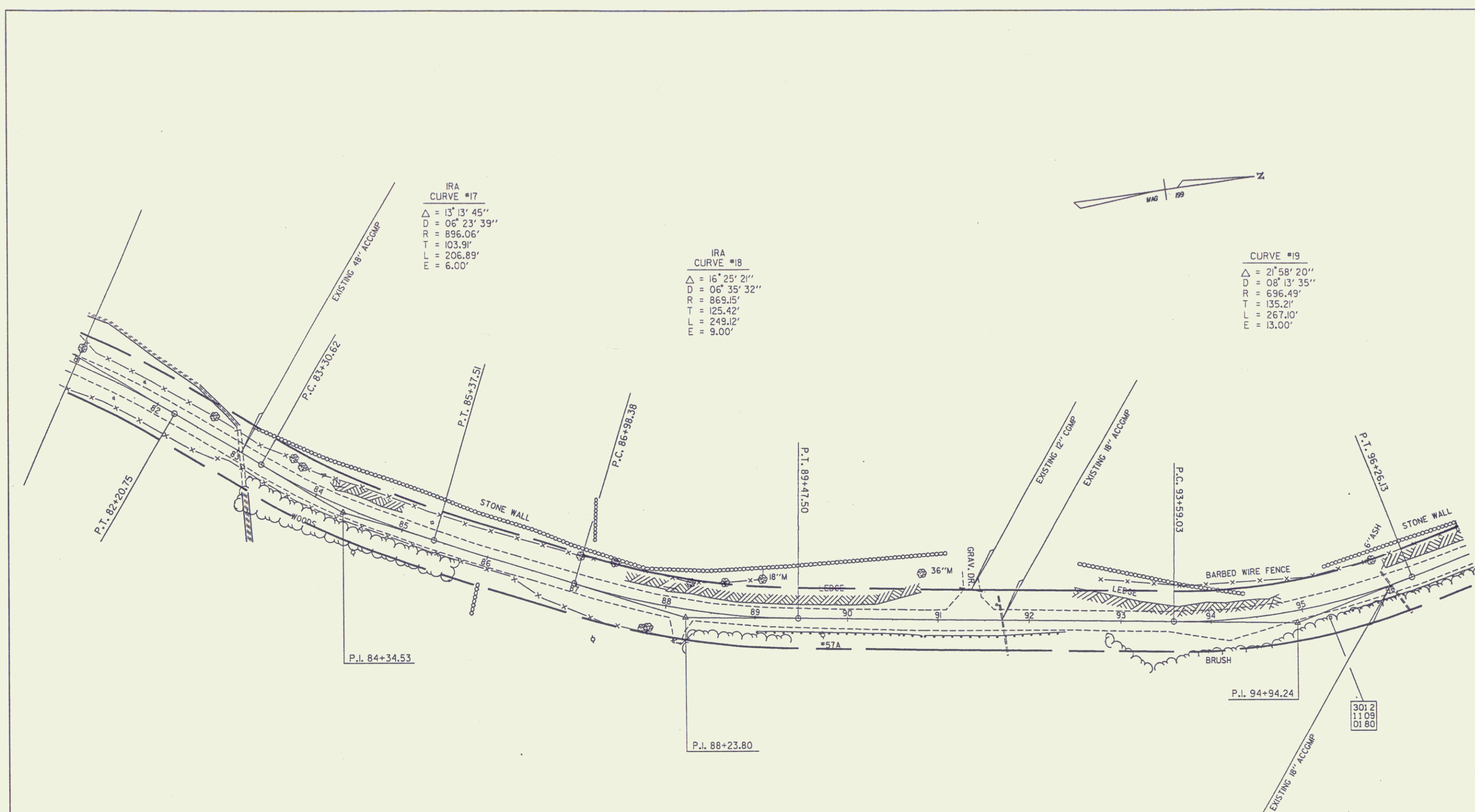
IRA
CURVE #16
 $\Delta = 27^{\circ} 07' 08''$
 $D = 05^{\circ} 39' 52''$
 $R = 1011.51'$
 $T = 243.95'$
 $L = 478.76'$
 $E = 29.00'$



DATUM
VERTICAL: _____

Sheet 58
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER _____
 DESIGN FILE NO. ZG0150.76VT13
 PRF VT133L57 DATE 57
 FILE _____ PLOTTED _____
 PROJ. NAME VT 133

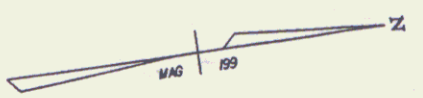
0 50 100



IRA
CURVE #17
 $\Delta = 13^\circ 13' 45''$
 $D = 06^\circ 23' 39''$
 $R = 896.06'$
 $T = 103.9'$
 $L = 206.89'$
 $E = 6.00'$

IRA
CURVE #18
 $\Delta = 16^\circ 25' 21''$
 $D = 06^\circ 35' 32''$
 $R = 869.15'$
 $T = 125.42'$
 $L = 249.12'$
 $E = 9.00'$

CURVE #19
 $\Delta = 21^\circ 58' 20''$
 $D = 08^\circ 13' 35''$
 $R = 696.49'$
 $T = 135.21'$
 $L = 267.10'$
 $E = 13.00'$

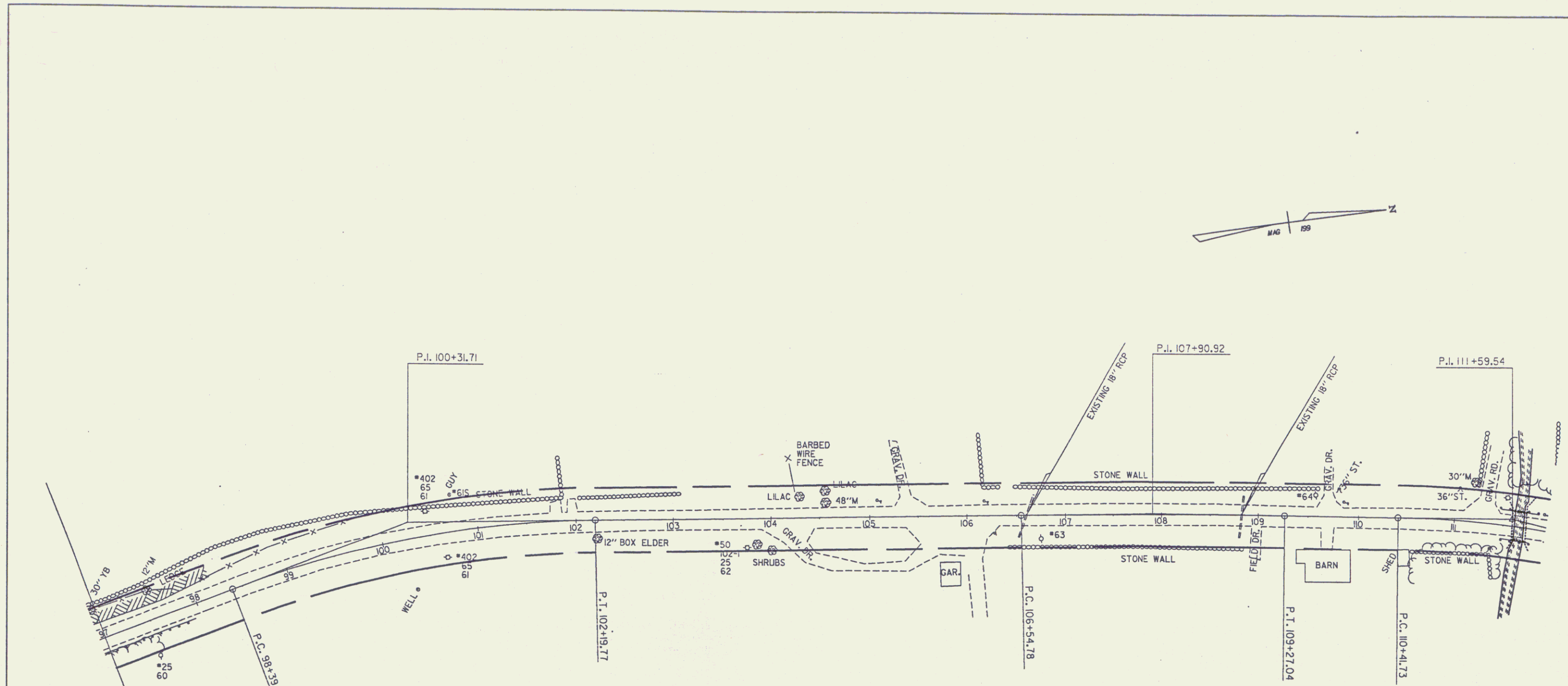
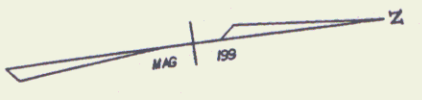


DATUM
VERTICAL

3012
1109
0180

Sheet 59
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.761V1
 PRP FILE VT133L58 DATE 58
 PROJ. NAME VT 133

0 50 100



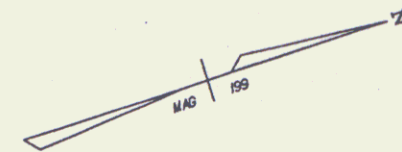
IRA
CURVE #20
 $\Delta = 20^\circ 14' 01''$
 $D = 05^\circ 19' 23''$
 $R = 1076.37'$
 $T = 192.06'$
 $L = 380.12'$
 $E = 17.00'$

IRA
CURVE #21
 $\Delta = 01^\circ 41' 01''$
 $D = 00^\circ 37' 06''$
 $R = 9265.34'$
 $T = 36.14'$
 $L = 272.26'$
 $E = 1.00'$

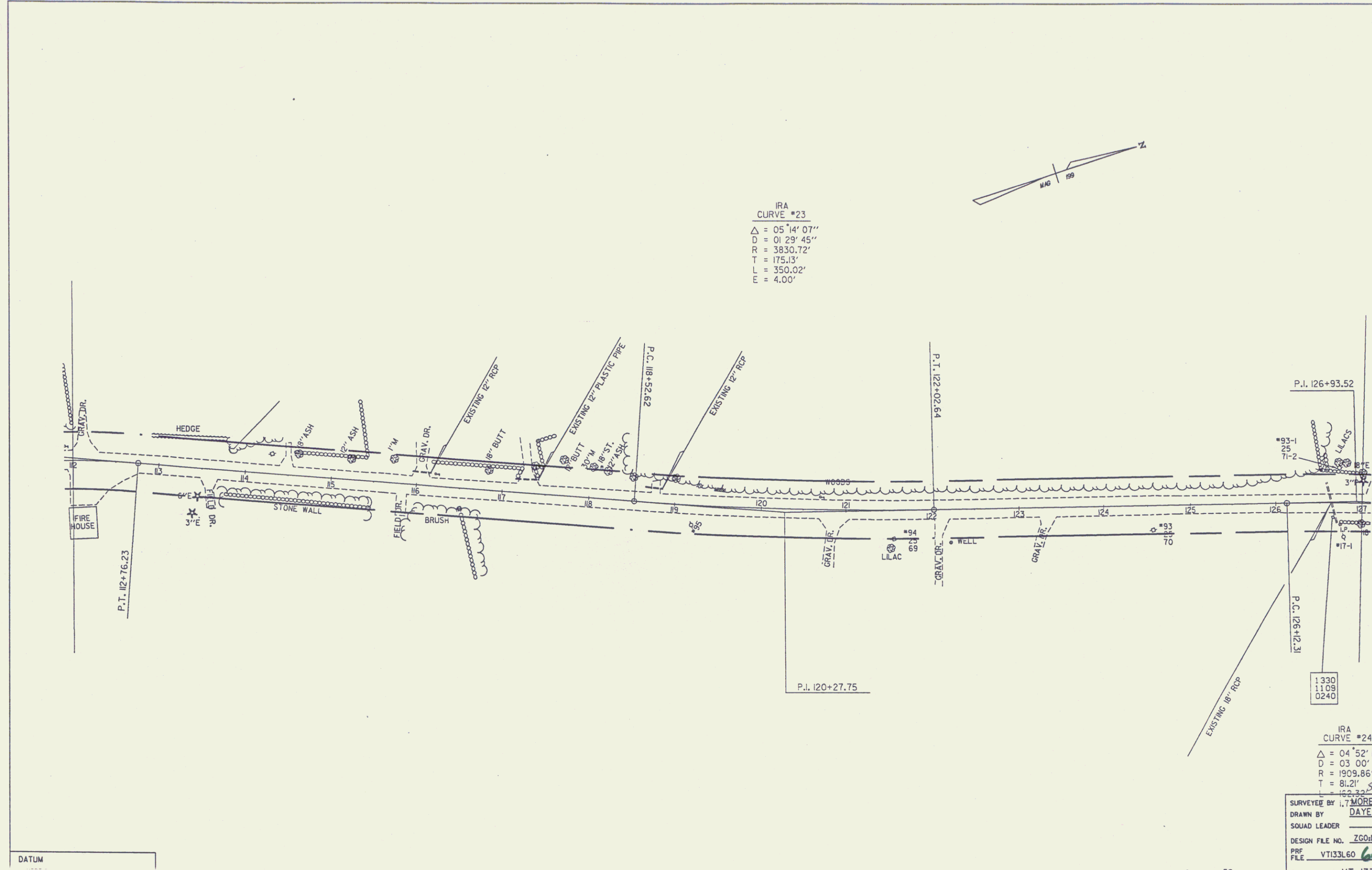
IRA
CURVE #22
 $\Delta = 13^\circ 36' 12''$
 $D = 05^\circ 48' 01''$
 $R = 987.81'$
 $T = 117.82'$
 $L = 234.53'$
 $E = 7.00'$

DATUM
VERTICAL

Sheet 60
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150,763VT13
 PRF VT133159 59 DATE PLOTTED
 0 50 100
 PROJ. NAME VT 133



IRA
CURVE #23
 $\Delta = 05^{\circ}14'07''$
 $D = 01^{\circ}29'45''$
 $R = 3830.72'$
 $T = 175.13'$
 $L = 350.02'$
 $E = 4.00'$



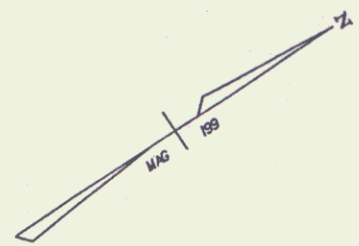
IRA
CURVE #24
 $\Delta = 04^{\circ}52'11''$
 $D = 03^{\circ}00'00''$
 $R = 1909.86'$
 $T = 81.21'$
 $L = 152.32'$

SURVEYED BY 1.7 MOREAU
DRAWN BY DAYE
SQUAD LEADER
DESIGN FILE NO. ZC0450.763V12
PRF VT133L60 DATE 6/01
FILE PLOT
PROJ. NAME VT 133

0 50 100

DATUM

IRA
CURVE #26
 $\Delta = 01^{\circ} 49' 53''$
 $D = 01^{\circ} 00' 00''$
 $R = 5729.58'$
 $T = 91.58'$
 $L = 183.14'$
 $E = 0.73'$



IRA
CURVE #25
 $\Delta = 19^{\circ} 45' 48''$
 $D = 03^{\circ} 39' 24''$
 $R = 1566.94'$
 $T = 272.96'$
 $L = 540.49'$
 $E = 23.60'$

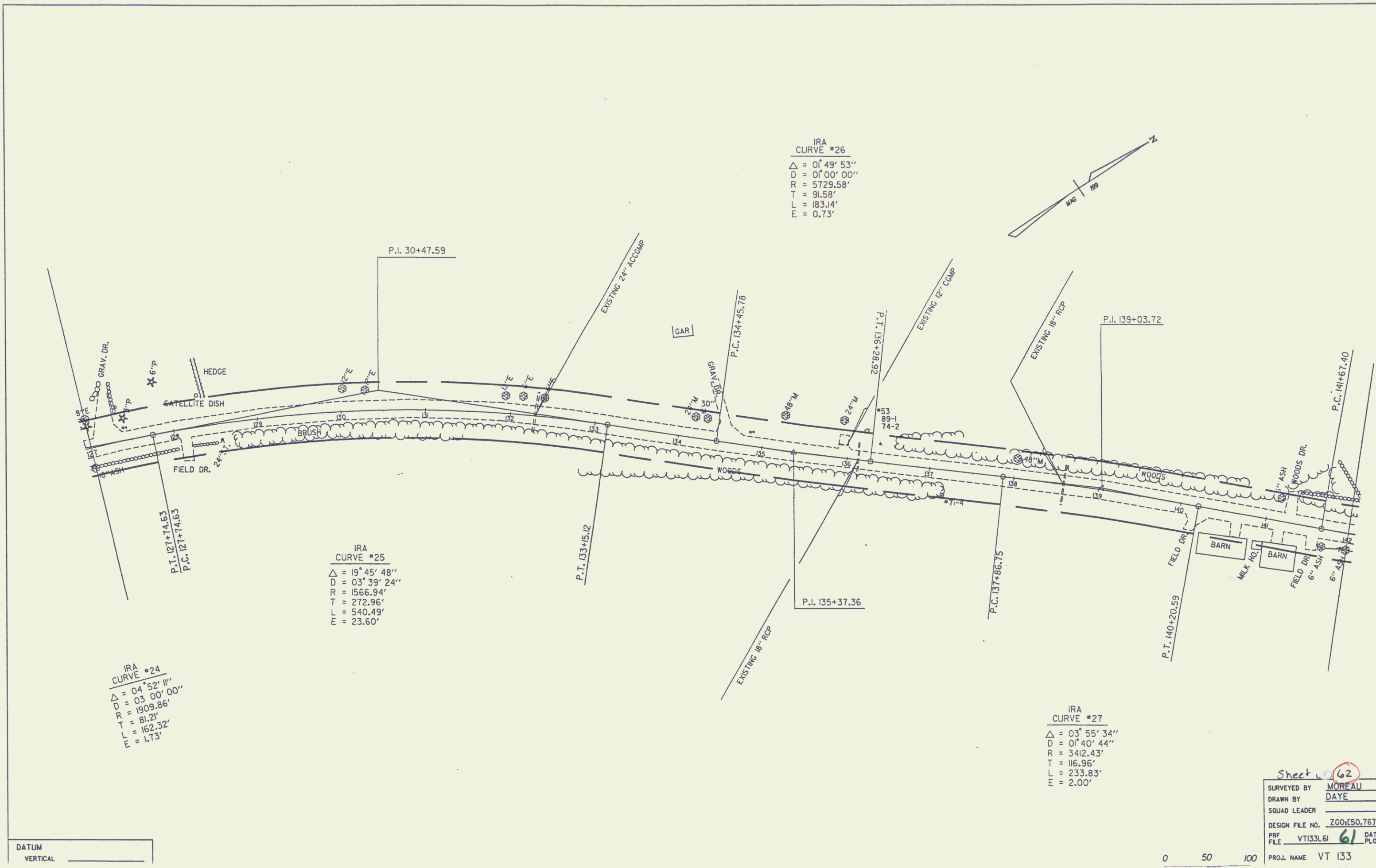
IRA
CURVE #24
 $\Delta = 04^{\circ} 52' 11''$
 $D = 03^{\circ} 00' 00''$
 $R = 1909.86'$
 $T = 81.21'$
 $L = 162.32'$
 $E = 1.73'$

IRA
CURVE #27
 $\Delta = 03^{\circ} 55' 34''$
 $D = 01^{\circ} 40' 44''$
 $R = 3412.43'$
 $T = 116.96'$
 $L = 233.83'$
 $E = 2.00'$

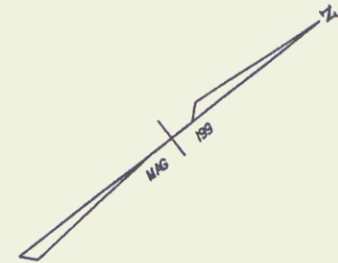
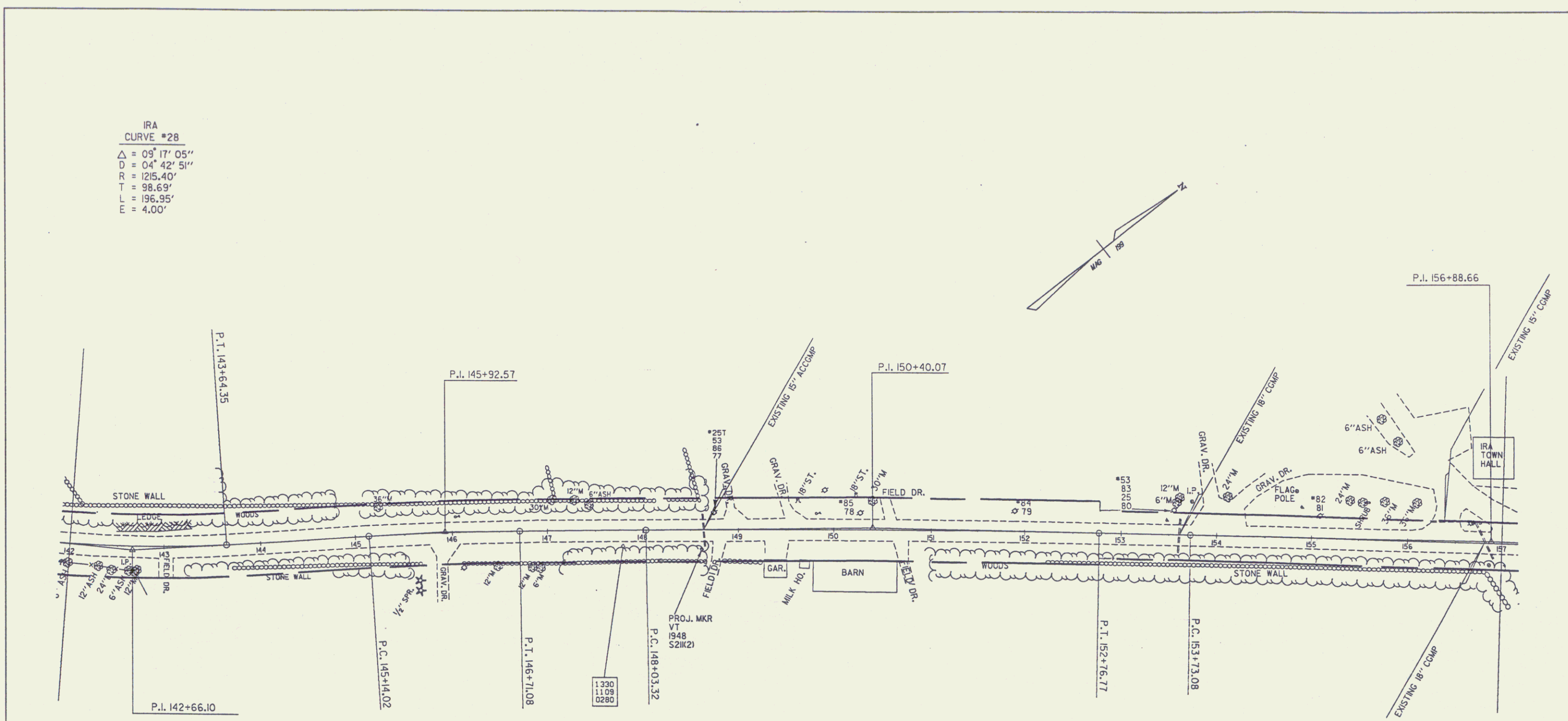
DATUM
VERTICAL

Sheet 62
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.76JVTI
 PRP VT133L61 DATE
 FILE 61 PLOTTED
 PROJ. NAME VT 133

0 50 100



IRA
CURVE #28
 $\Delta = 09^{\circ} 17' 05''$
 $D = 04^{\circ} 42' 51''$
 $R = 1215.40'$
 $T = 98.69'$
 $L = 196.95'$
 $E = 4.00'$



IRA
CURVE #29
 $\Delta = 02^{\circ} 55' 15''$
 $D = 01^{\circ} 51' 25''$
 $R = 3080.88'$
 $T = 78.55'$
 $L = 157.06'$
 $E = 1.00'$

IRA
CURVE #30
 $\Delta = 01^{\circ} 56' 48''$
 $D = 00^{\circ} 24' 40''$
 $R = 13934.96'$
 $T = 236.75'$
 $L = 473.45'$
 $E = 2.01'$

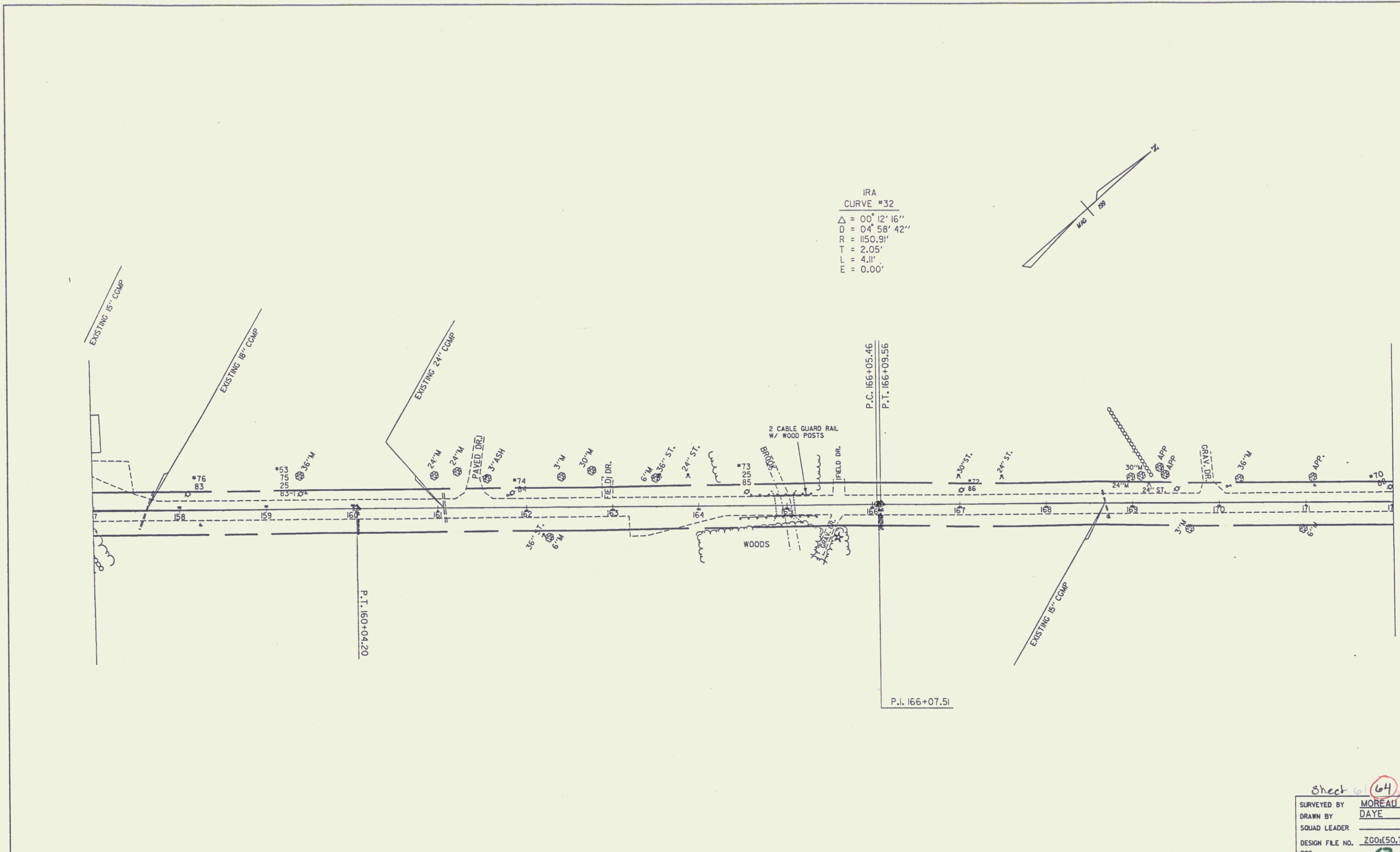
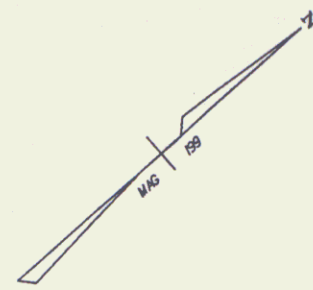
IRA
CURVE #31
 $\Delta = 01^{\circ} 27' 44''$
 $D = 00^{\circ} 13' 54''$
 $R = 24729.09'$
 $T = 315.58'$
 $L = 631.12'$
 $E = 2.01'$

DATUM
VERTICAL



Sheet 63
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0450,76JVT133
 PRF FILE VT133L62 DATE PLOTTED!
 PROJ. NAME VT 133

IRA
 CURVE #32
 $\Delta = 00^{\circ} 12' 16''$
 $D = 04^{\circ} 58' 42''$
 $R = 150.91'$
 $T = 2.05'$
 $L = 4.11'$
 $E = 0.00'$

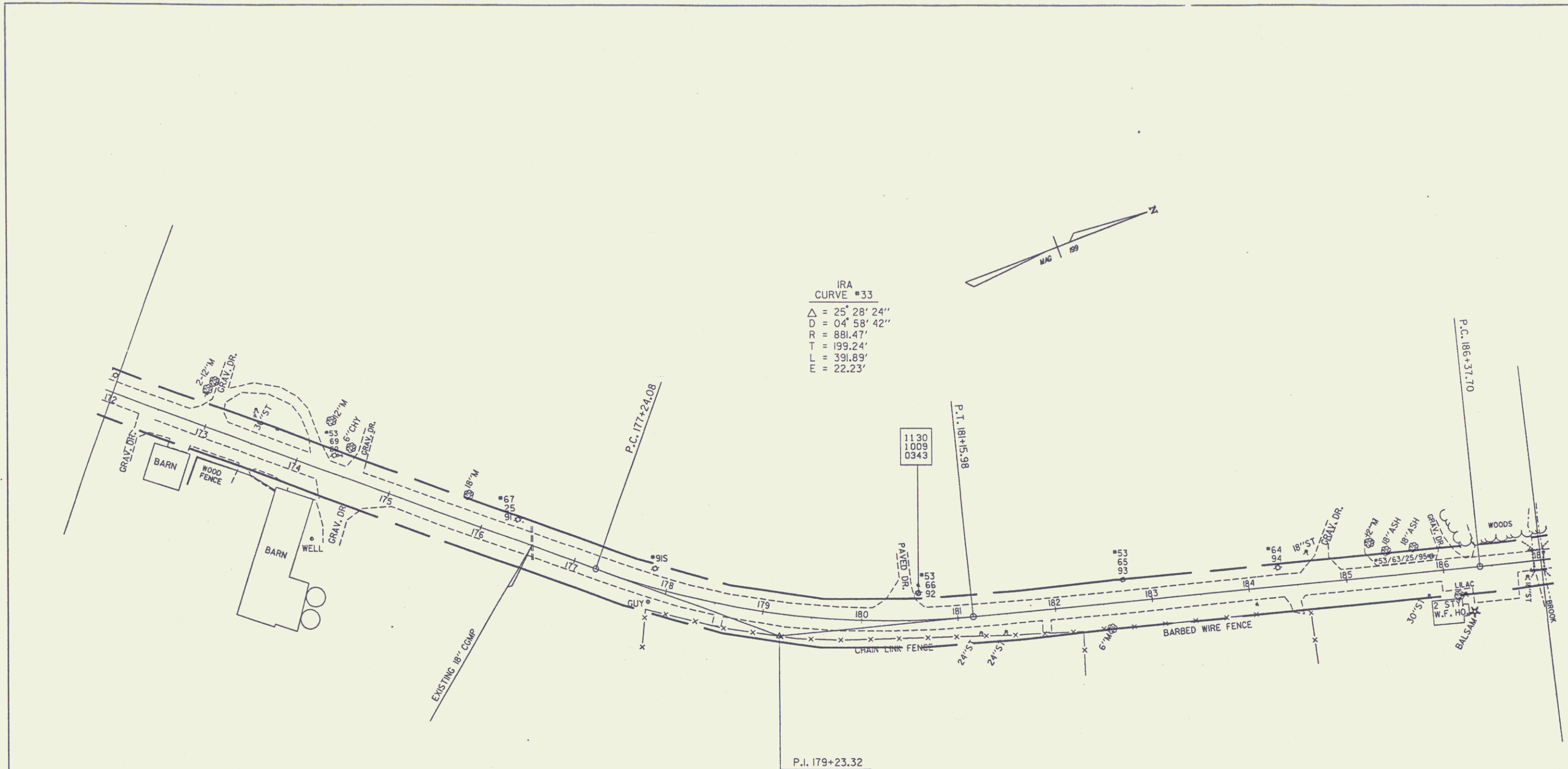
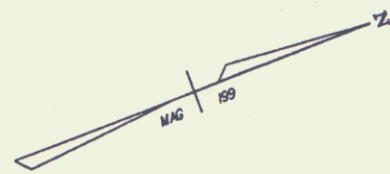


DATUM
 VERTICAL

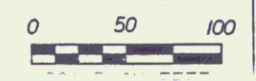
0 50 100

Sheet 64
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZCO150.763VT13
 PRF. FILE VTI33L73 DATE 63
 PROJ. NAME VT 133

IRA
 CURVE #33
 $\Delta = 25^{\circ} 28' 24''$
 $D = 04' 58' 42''$
 $R = 881.47'$
 $T = 99.24'$
 $L = 391.89'$
 $E = 22.23'$



DATUM
 VERTICAL



Sheet 65
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0450.762V
 PRF VT1331.63 DATE
 FILE 64 PLOTS
 PROJ. NAME VT 133
 PROJ. NO. MA 3015

IRA
CURVE #34
 $\Delta = 04^{\circ}24'30''$
 $D = 01'24'43''$
 $R = 4057.98'$
 $T = 156.18'$
 $L = 312.21'$
 $E = 3.00'$

P.I. 192+27.51

P.I. 197+69.40

P.I. 187+93.89

IRA
CURVE #35
 $\Delta = 27^{\circ}11'47''$
 $D = 10^{\circ}19'25''$
 $R = 555.00'$
 $T = 134.25'$
 $L = 263.44'$
 $E = 16.00'$

IRA
CURVE #36
 $\Delta = 56^{\circ}50'31''$
 $D = 09^{\circ}48'24''$
 $R = 584.26'$
 $T = 296.68'$
 $L = 549.04'$
 $E = 71.01'$

DATUM
VERTICAL

Sheet 66
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.763VT1
 PRF VT133L64 DATE 65
 FILE DATE PLOTTER
 PROJ. NAME VT 133

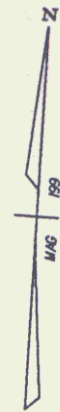
0 50 100



IRA
CURVE #37
 $\Delta = 02^{\circ} 24' 03''$
 $D = 00^{\circ} 45' 00''$
 $R = 7639.44'$
 $T = 160.08'$
 $L = 320.12'$
 $E = 1.68'$

IRA
CURVE #38
 $\Delta = 02^{\circ} 18' 52''$
 $D = 01^{\circ} 20' 18''$
 $R = 4280.83'$
 $T = 86.47'$
 $L = 172.32'$
 $E = 0.87'$

IRA
CURVE #39
 $\Delta = 50^{\circ} 58' 27''$
 $D = 06^{\circ} 40' 00''$
 $R = 859.44'$
 $T = 409.69'$
 $L = 764.61'$
 $E = 95.66'$



DATUM
VERTICAL

Sheet 67
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.76VT13
 PRF FILE VT133L65 DATE 6/6
 PROJ. NAME VT 133

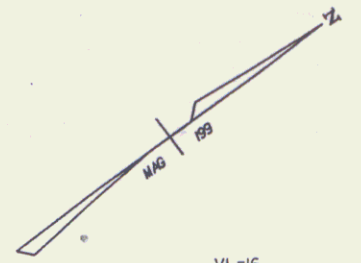
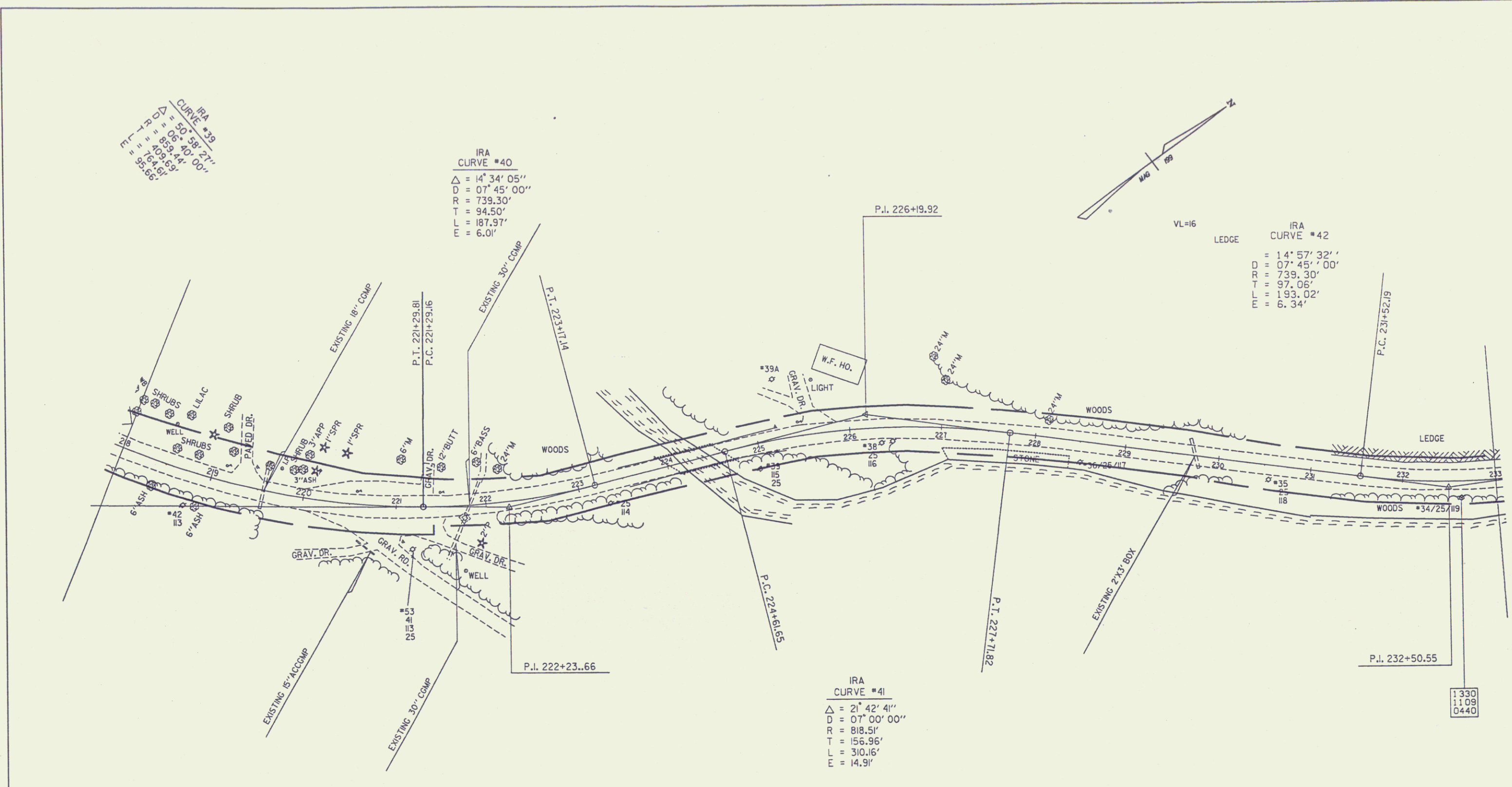
0 50 100

IRA
 CURVE #39
 $\Delta = 12^{\circ} 58' 21''$
 $D = 50^{\circ} 58' 21''$
 $R = 859.44'$
 $T = 409.69'$
 $L = 64.82'$
 $E = 95.66'$

IRA
 CURVE #40
 $\Delta = 14^{\circ} 34' 05''$
 $D = 07^{\circ} 45' 00''$
 $R = 739.30'$
 $T = 94.50'$
 $L = 187.97'$
 $E = 6.01'$

IRA
 CURVE #42
 $\Delta = 14^{\circ} 57' 32''$
 $D = 07^{\circ} 45' 00''$
 $R = 739.30'$
 $T = 97.06'$
 $L = 193.02'$
 $E = 6.34'$

IRA
 CURVE #41
 $\Delta = 21^{\circ} 42' 41''$
 $D = 07^{\circ} 00' 00''$
 $R = 818.51'$
 $T = 156.96'$
 $L = 310.16'$
 $E = 14.91'$

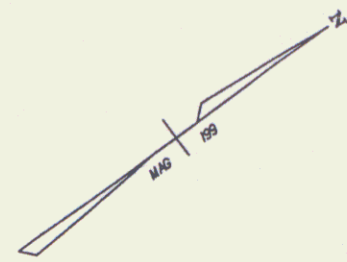


DATUM
 VERTICAL

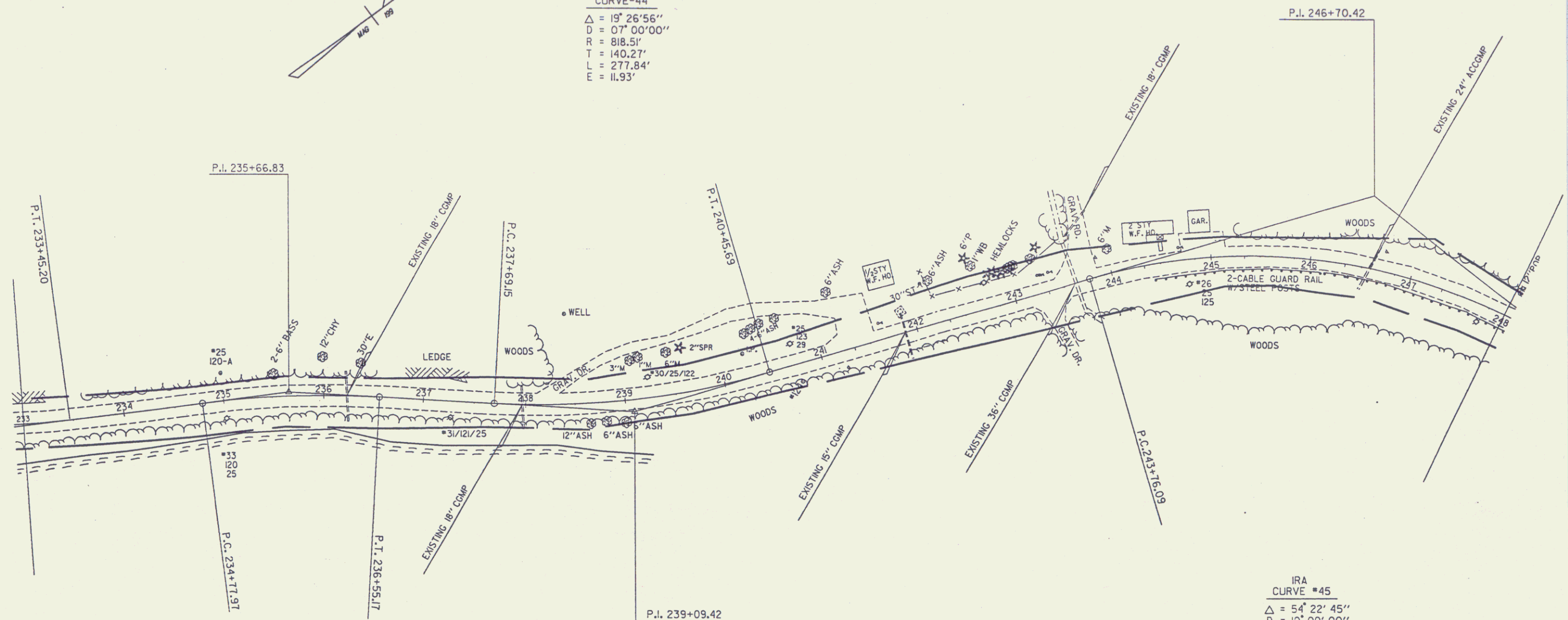


Sheet 68
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.761VT
 PLOT FILE VT133L66 DATE 67
 PROJ. NAME VT 133
 PROJ. NO. MA 3015

1330
 1109
 0440



IRA
CURVE #44
 $\Delta = 19^{\circ} 26' 56''$
 $D = 07^{\circ} 00' 00''$
 $R = 818.5'$
 $T = 140.27'$
 $L = 277.84'$
 $E = 11.93'$



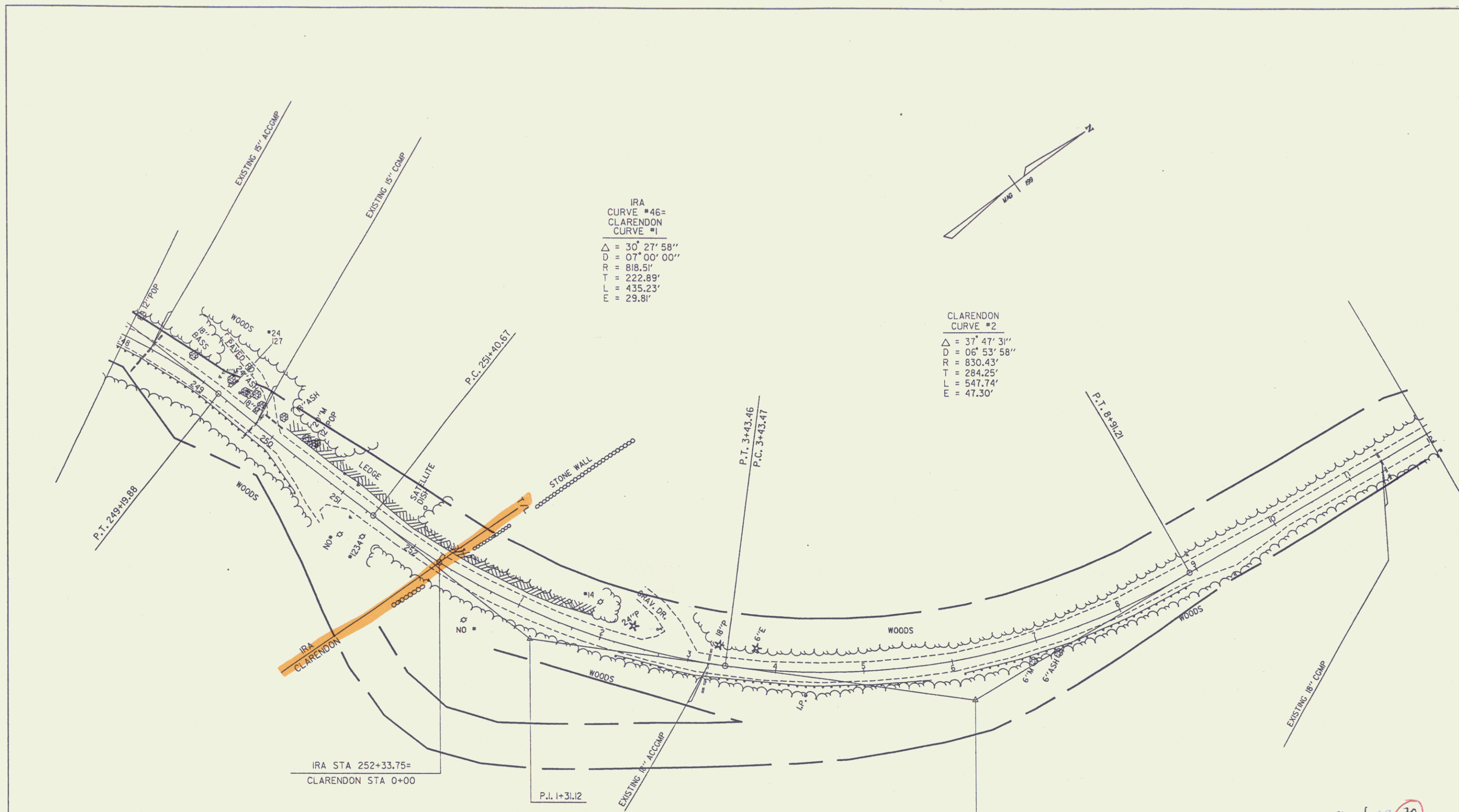
IRA
CURVE #43
 $\Delta = 10^{\circ} 37' 55''$
 $D = 06^{\circ} 00' 00''$
 $R = 954.93'$
 $T = 88.85'$
 $L = 177.20'$
 $E = 4.12'$

IRA
CURVE #45
 $\Delta = 54^{\circ} 22' 45''$
 $D = 10^{\circ} 00' 00''$
 $R = 572.96'$
 $T = 294.33'$
 $L = 543.79'$
 $E = 71.18'$

DATUM
VERTICAL

0 50 100

Sheet 69
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.76JVT133
 PRF VT133L67 DATE 6/2/07
 FILE PLOTTED
 PROJ. NAME VT 133



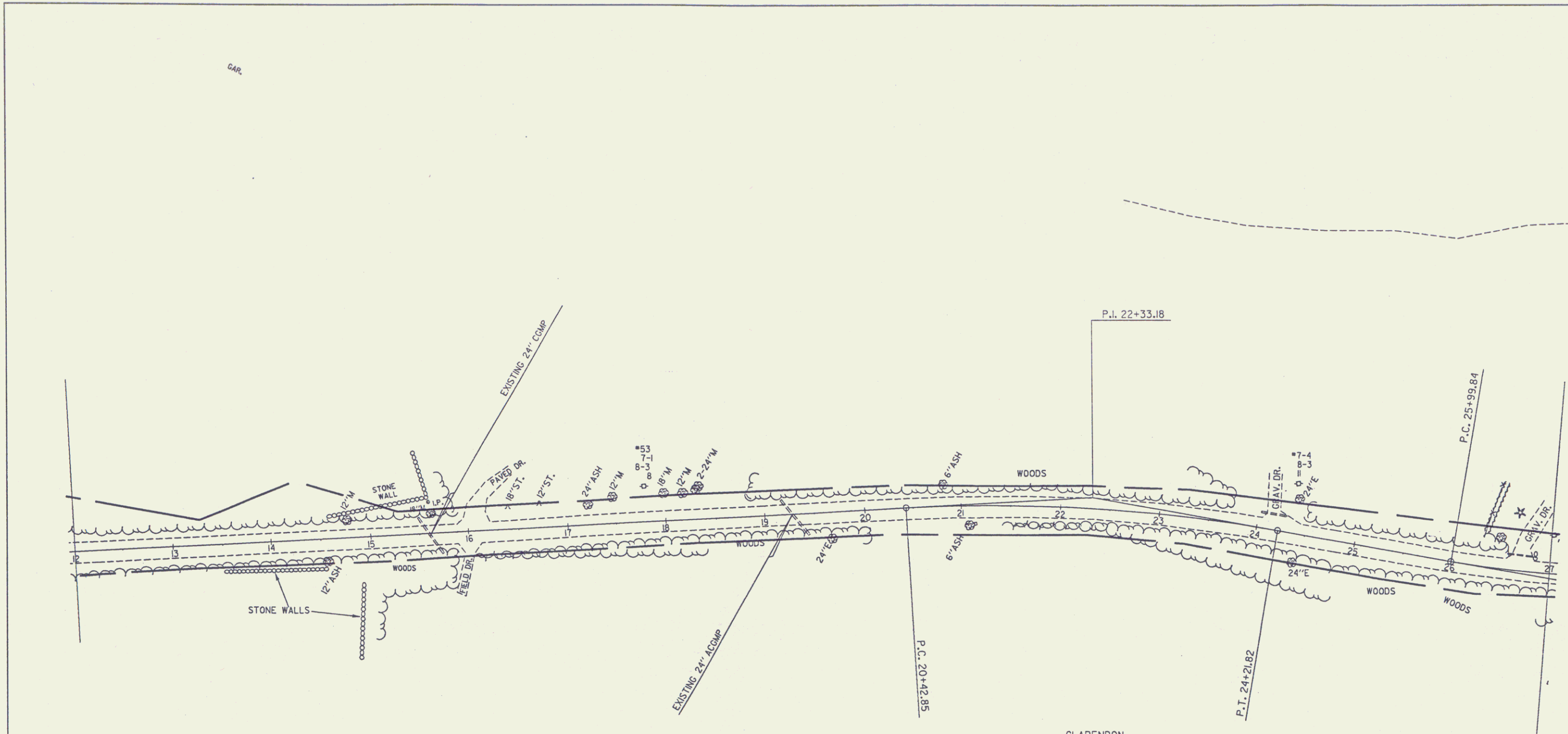
IRA
 CURVE #46=
 CLARENDON
 CURVE #1
 $\Delta = 30^{\circ} 27' 58''$
 $D = 07^{\circ} 00' 00''$
 $R = 818.51'$
 $T = 222.89'$
 $L = 435.23'$
 $E = 29.81'$

CLARENDON
 CURVE #2
 $\Delta = 37^{\circ} 47' 31''$
 $D = 06^{\circ} 53' 58''$
 $R = 830.43'$
 $T = 284.25'$
 $L = 547.74'$
 $E = 47.30'$

DATUM
 VERTICAL

0 50 100
 PROJ. NAME VT 133

sheet 67 **70**
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZG0150.76VT133
 PRF VT133L68 DATE 69
 FILE PLOTTER



CLARENDON
CURVE #3
 $\Delta = 15^{\circ} 15' 50''$
 $D = 03^{\circ} 30' 00''$
 $R = 1637.02'$
 $T = 190.34'$
 $L = 378.97'$
 $E = 11.03'$

DATUM
VERTICAL

Sheet **71**
 SURVEYED BY MOREAU
 DRAWN BY DAYE
 SQUAD LEADER
 DESIGN FILE NO. ZCO150.763719
 PRF VT133L69 DATE
 FILE PLOTTED
 PROJ. NAME VT 133

0 50 100

CLARENDON
CURVE #4

$\Delta = 15^{\circ} 45' 28''$
 $D = 05^{\circ} 30' 00''$
 $R = 1041.74'$
 $T = 144.16'$
 $L = 286.50'$
 $E = 9.93'$

CLARENDON
CURVE #6

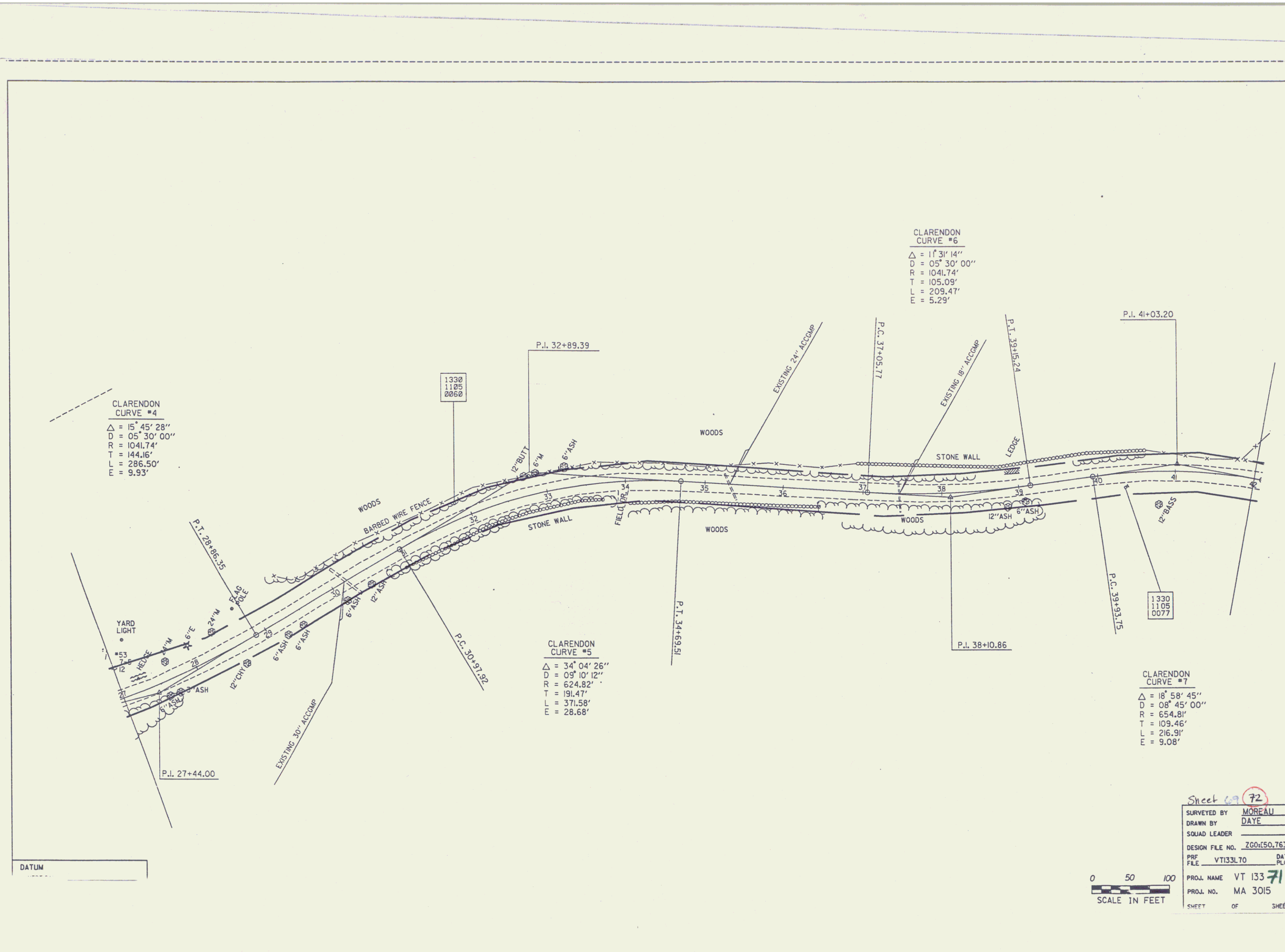
$\Delta = 1^{\circ} 31' 14''$
 $D = 05^{\circ} 30' 00''$
 $R = 1041.74'$
 $T = 105.09'$
 $L = 209.47'$
 $E = 5.29'$

CLARENDON
CURVE #5

$\Delta = 34^{\circ} 04' 26''$
 $D = 09^{\circ} 10' 12''$
 $R = 624.82'$
 $T = 191.47'$
 $L = 371.58'$
 $E = 28.68'$

CLARENDON
CURVE #7

$\Delta = 18^{\circ} 58' 45''$
 $D = 08^{\circ} 45' 00''$
 $R = 654.81'$
 $T = 109.46'$
 $L = 216.91'$
 $E = 9.08'$



DATUM



Sheet 69 72

SURVEYED BY	MORFALU
DRAWN BY	DAYE
SQUAD LEADER	
DESIGN FILE NO.	ZG0450.76IV
PRJ. FILE	VT133L70
DATE PLOT	
PROJ. NAME	VT 133 <u>71</u>
PROJ. NO.	MA 3015
SHEET OF SHEET	

