

SCALED TRAVERSED DISTANCE BETWEEN  
ADJACENT HOLES IS TRUE

0 150 300 450 600 750 900 1050 1200 1350 1500 1650 1800 1950

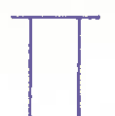
6620  
6635  
6650  
6665  
6680  
6695  
6710  
6725

TD = 199.000



2100 2250 2400 2550 2700 2850 3000 3150 3300 3450 3600 3750 3900 4050 4200 4350 4500

TD = 210.000



TD = 200.000

4500 4650 4800 4950 5100 5250 5400 5550 5700 5850 6000 6150 6300 6450 6600 6750 6900

TD = 200.000

149.50  
2.50 E3X

122.50  
9.30 E12

0 7050 7200 7350 7500 7650 7800 7950 8100 8250 8400 8550 8700 8850 9000 9150 9300 9400

TD = 225.000

TD = 199.600

183.60  
3.80 E3X

NOMINABLE

154.80  
2.60 E3X

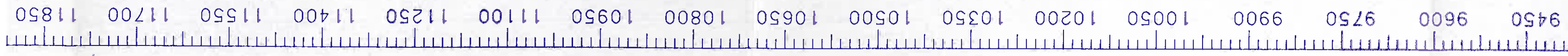
158.60  
13.30 E12

RECOVERY

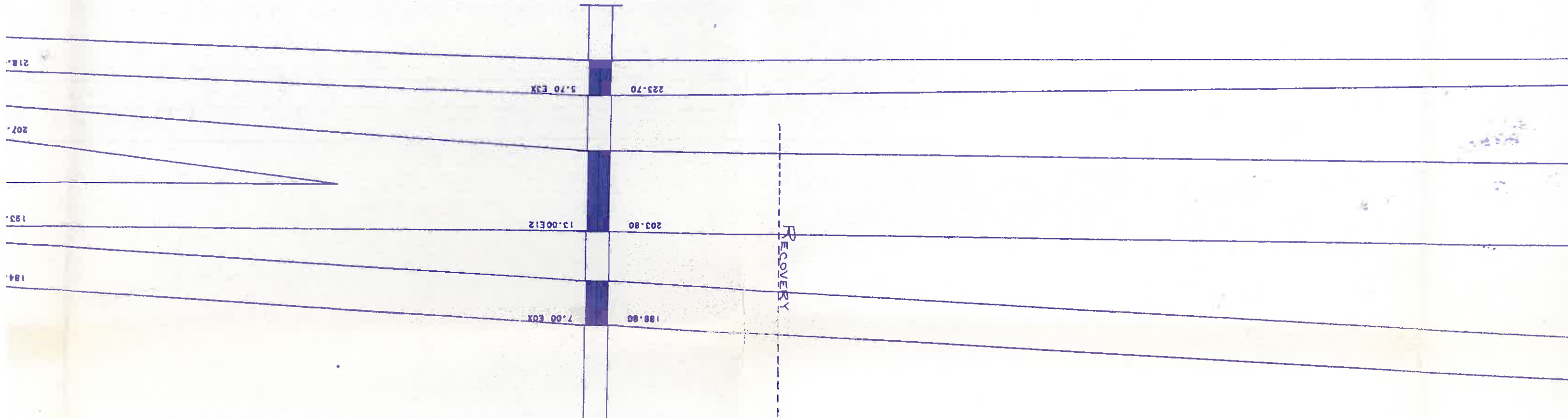
118.50  
8.90 E12

133.00  
6.90 E0X





TD = 240.200

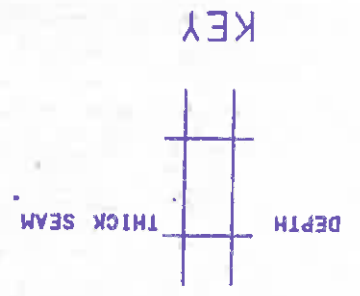


1

PEABODY COAL COMPANY  
 DRILL LOG CROSS-SECTIONS  
 TYPICAL GEOLOGICAL  
 CROSS SECTION  
 J-19 AREA # 4  
 BUREAU OF LAND MANAGEMENT  
 RECEIVED  
 SEP 22 1986  
 PHX. 00 - DIV. OF MINERALS

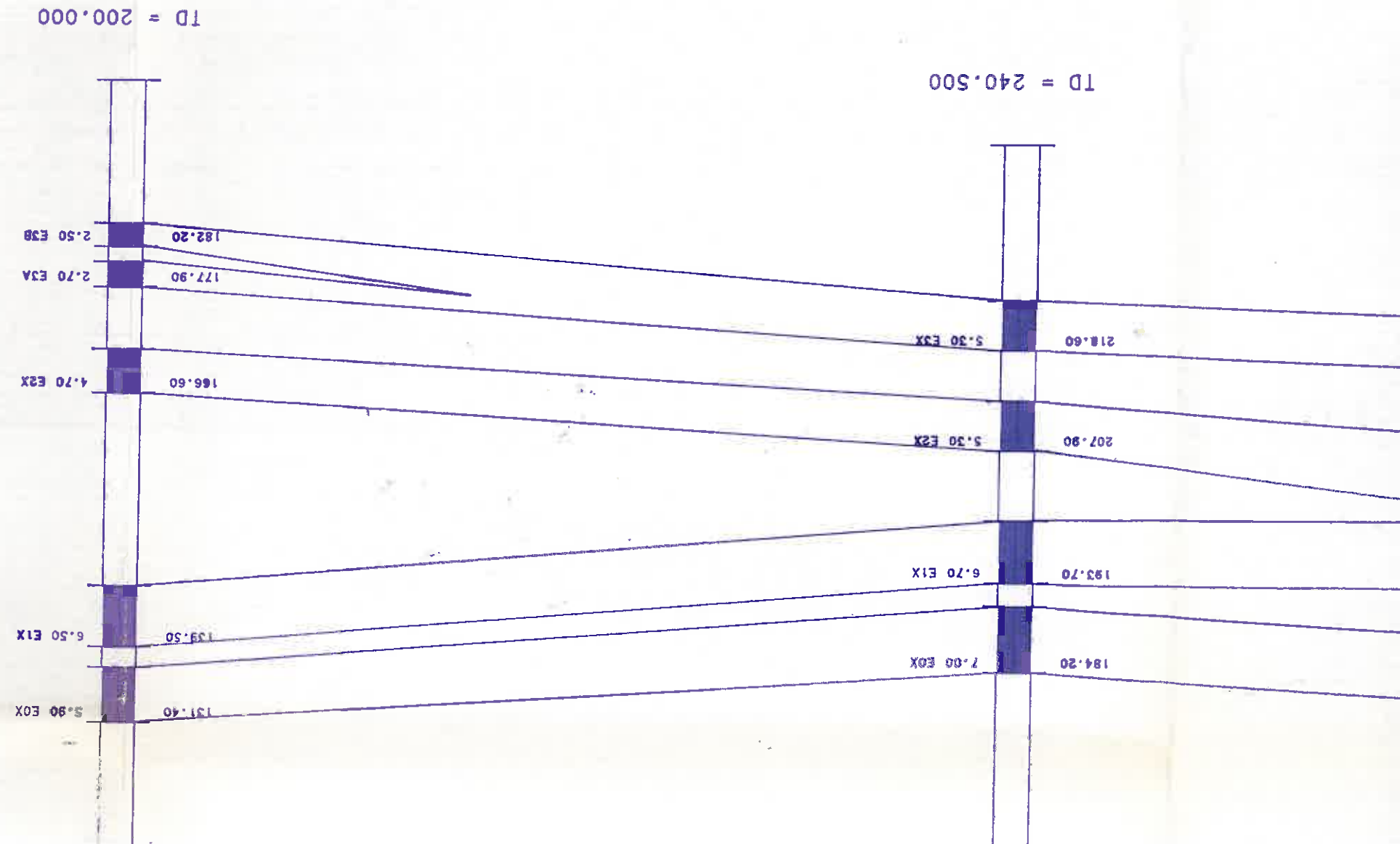
VERTICAL SCALE: 1" = 15.00'  
 HORIZONTAL SCALE: 1" = 150.00'

DATE: 6/17/86  
 SEP 3 1986



SEP 12 1986

REGISTERED PROFESSIONAL ENGINEER  
 CIVIL ENGINEER  
 18782  
 JAMES GARY  
 SCHUMBERG  
 CIVIL ENGINEER  
 18782  
 U.S.A.



6725  
6740  
6755  
6770  
6785  
6800  
6815  
6830  
6845  
6860  
6875

TD = 90.000

34.40  
3.70 NIB

58.40  
8.50 HXX

18.30  
6.30 YOX

158.40  
1.80 NIB

146.10  
8.30 HXX

118.10  
1.70 TIA

100.80  
6.10 YOX

69.70  
2.70 HXX

COORD S34219  
E47259

9494B

COORD S33968  
E47819

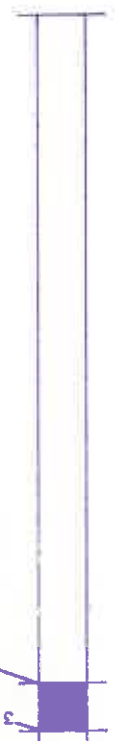
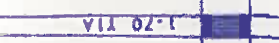
5868.00

6860.00

NONMINABLE 2

NONMINABLE 2

TD = 160.000





ID = 200.000

168.60  
2.70 EOX

NONMINABLE

142.40  
3.60 EOX

132.60  
10.50NXX

ID = 93.100

82.60  
9.70 A

104.50  
9.80 NXX

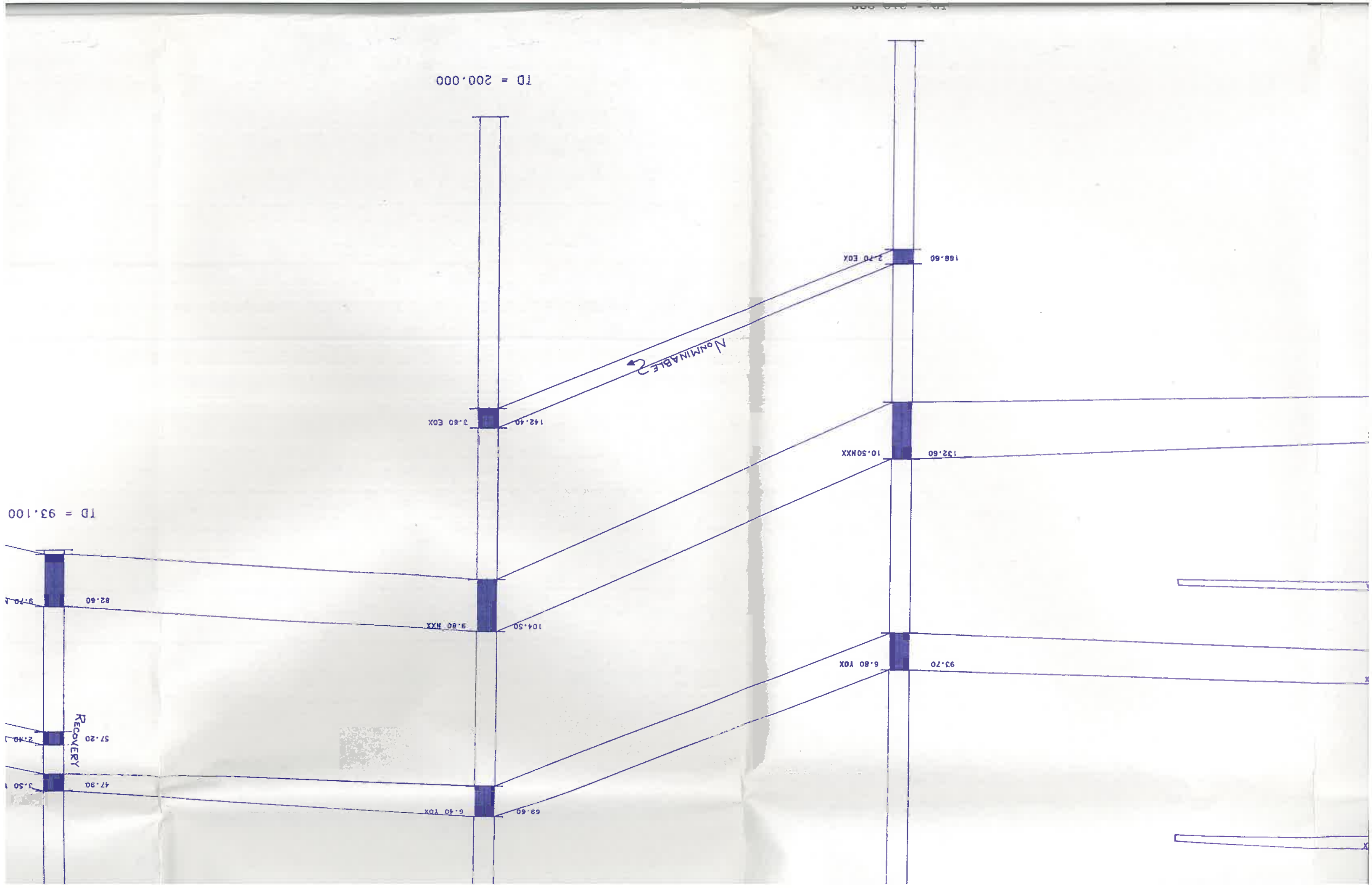
93.70  
6.80 YOX

RECOVERY

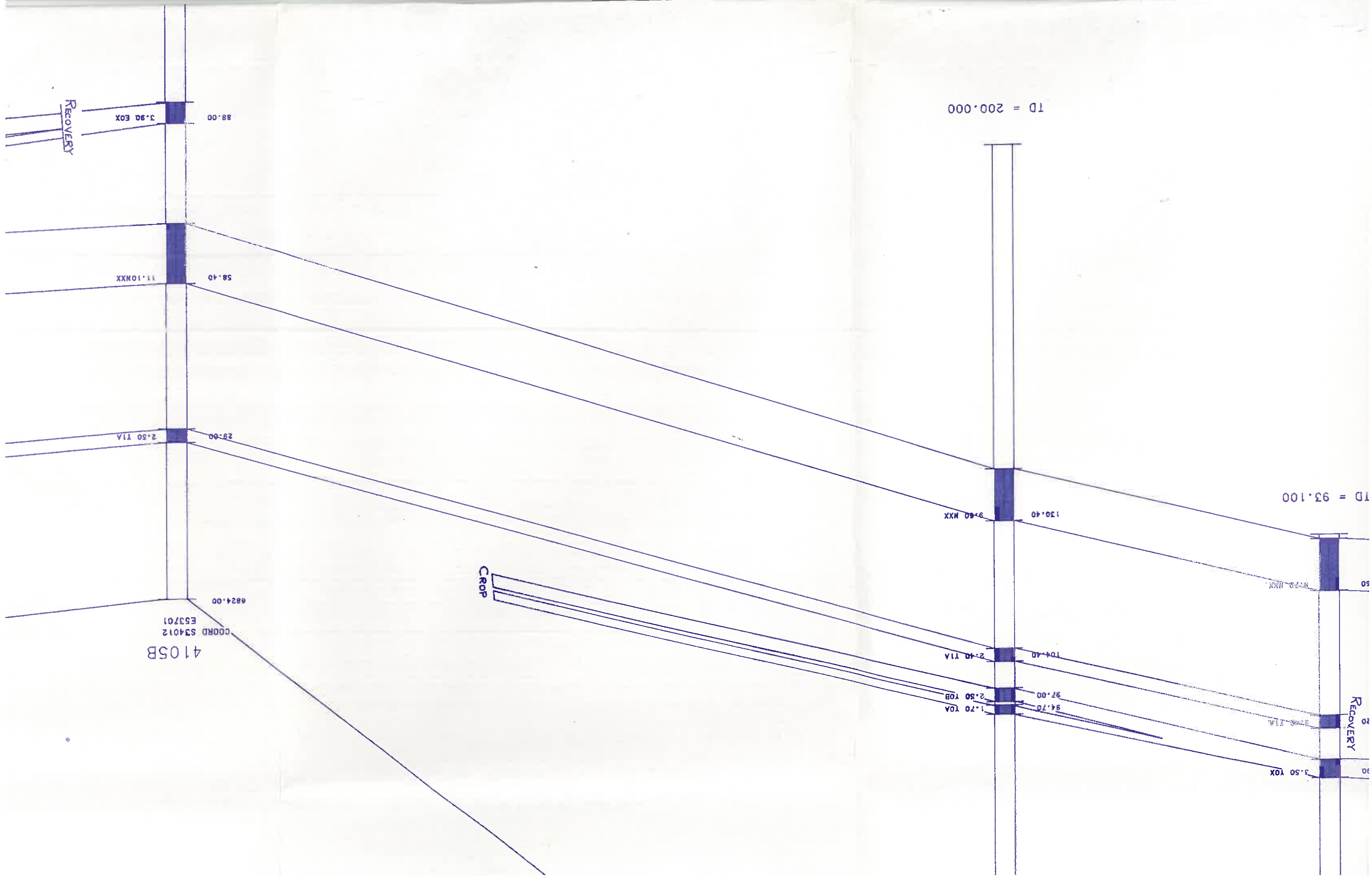
57.20  
2.40

69.60  
6.40 YOX

47.90  
3.50







21430C

COORD S34153  
E56028

6855.00

ORIGINAL GROUND SURFACE

21416C

COORD S34137  
E54545

6832.00

17.10

2.50 108

Crop

31.10

2.50 114

60.00

3.20 Y08

74.10

2.20 Y14

MINIMABLE  
NONMINIMABLE

62.40

11.80NXX

107.60

12.20NXX

88.20

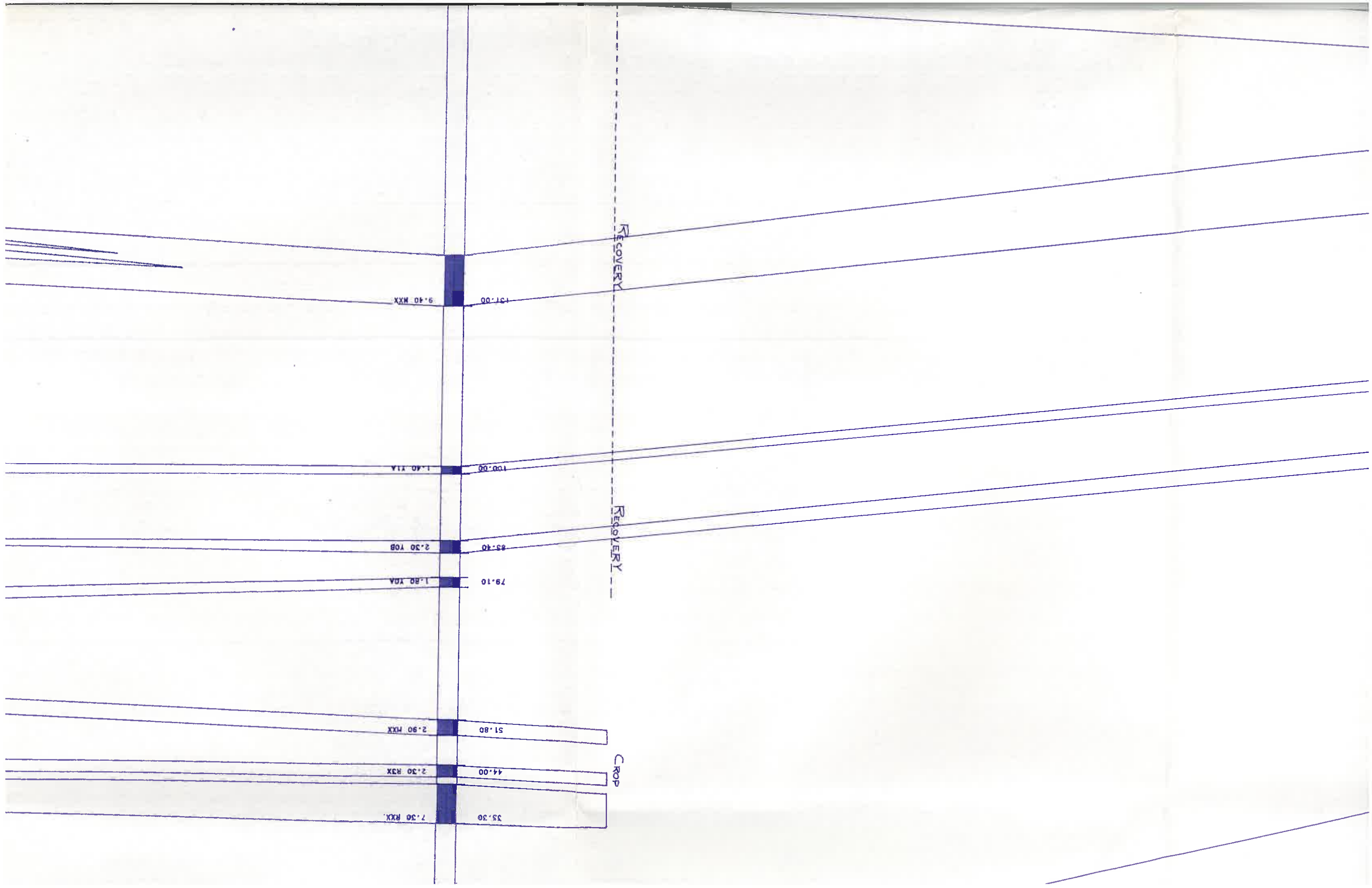
1.40 E0A

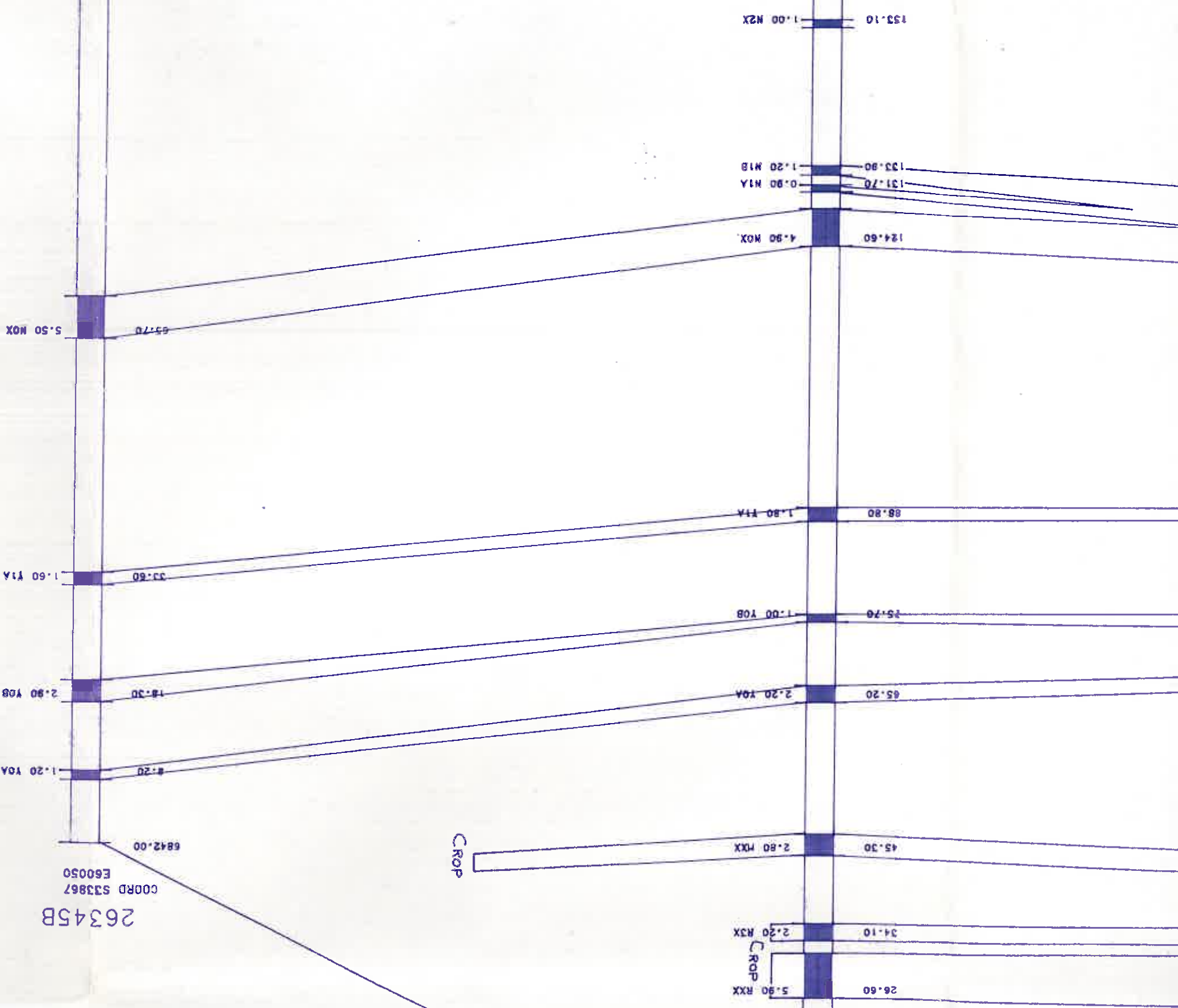
89.70

3.70 E08

133.00

6.90 E0X





26345B  
 COORD 533867  
 E60050

CROP

CROP

6842.00



26420B

COORD S33868  
E59090

6889.00

26.60

5.90 RXX

34.10

2.20 R3X

45.30

2.80 MXX

Crop

Crop

26345B

COORD S33867  
E60050

6842.00

S27675

E47100

E59850

S40425

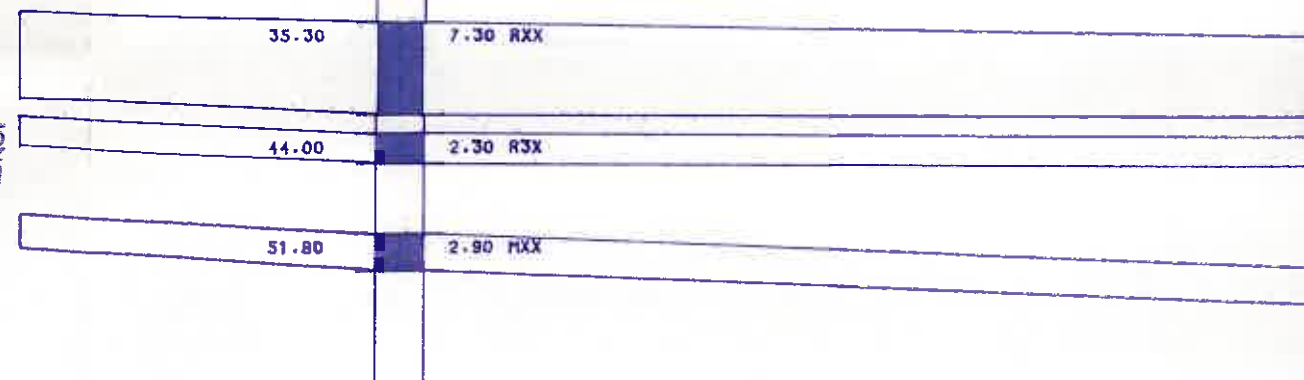


26337B

COORD S33874  
E58062

6900.00

CROP



21416C  
COORD S34137

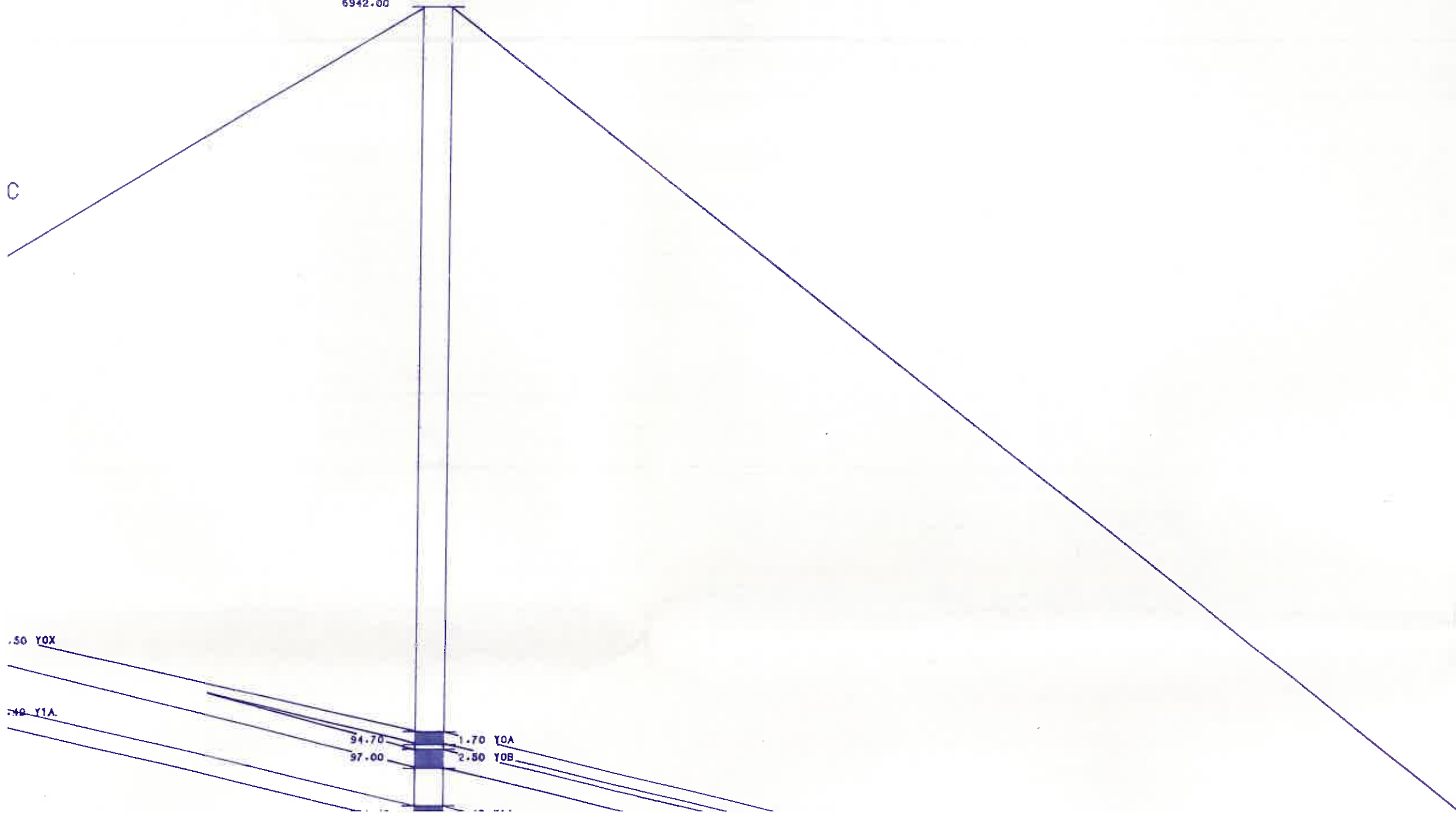
ORIGINAL GROUND SURFACE

21430C  
COORD S34153  
E56028  
6855.00

4101B

COORD S33848  
E52175

6942.00





ORIGINAL GROUND SURFACE

3467B

COORD S33839  
E50033

6931.00

3978B

COORD S33662  
E50784

6935.00

9404C

COORD S33818  
E51574

6908.00

69.60

6.40 YOX

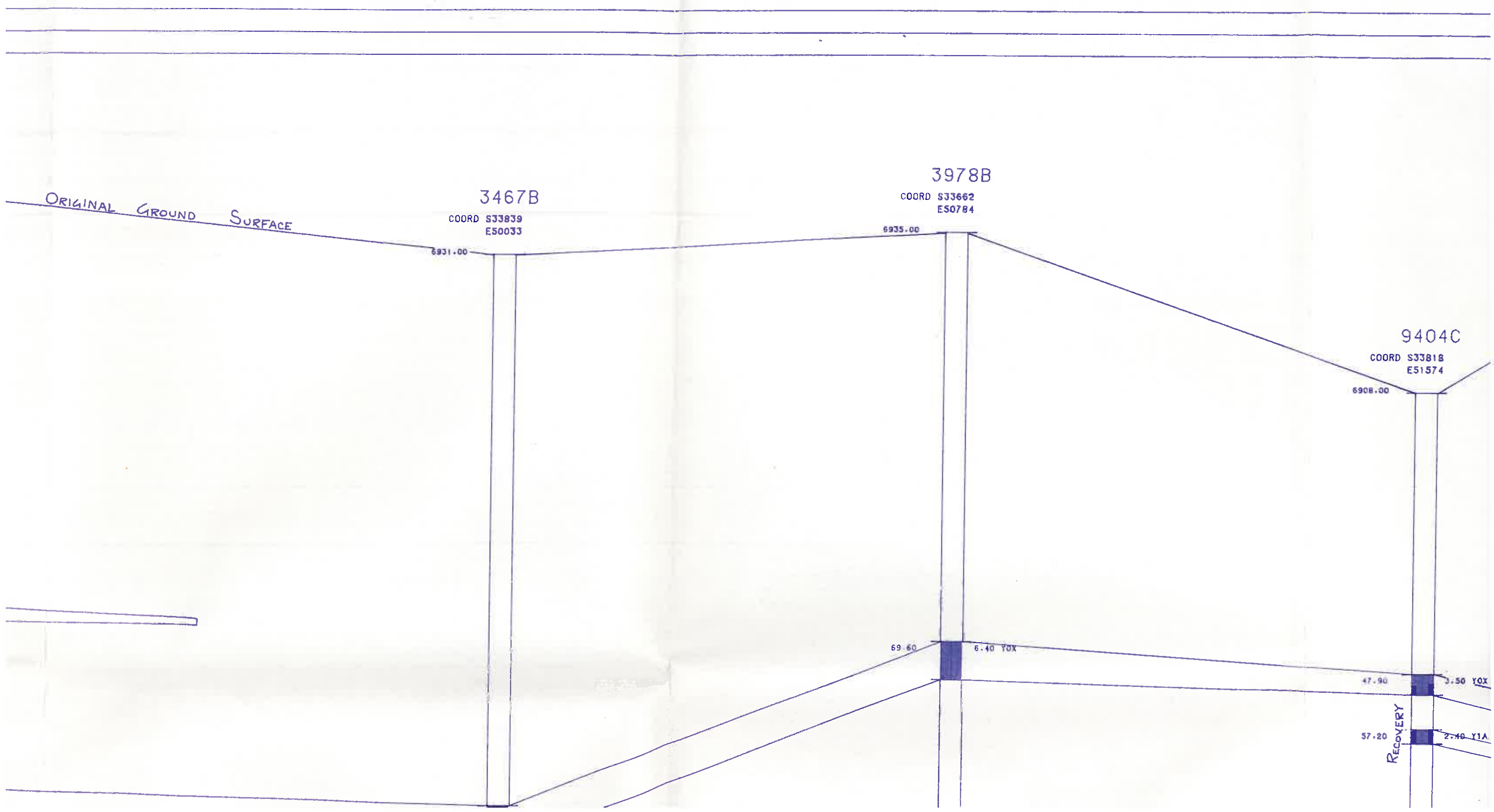
47.90

3.50 YOX

57.20

2.40 Y1A

RECOVERY



6950  
6935  
6920  
6905  
6890  
6875  
6860  
6845

9494B  
COORD S34219  
E47259

6860.00

2394B  
COORD S33968  
E47819

6868.00

18.30  
CROP  
6.30 YOX

9458B  
COORD S33810  
E49056

6841.00

ORIG

NONMINABLE

69.70

2.70 PXX

100.80

6.10 YOX