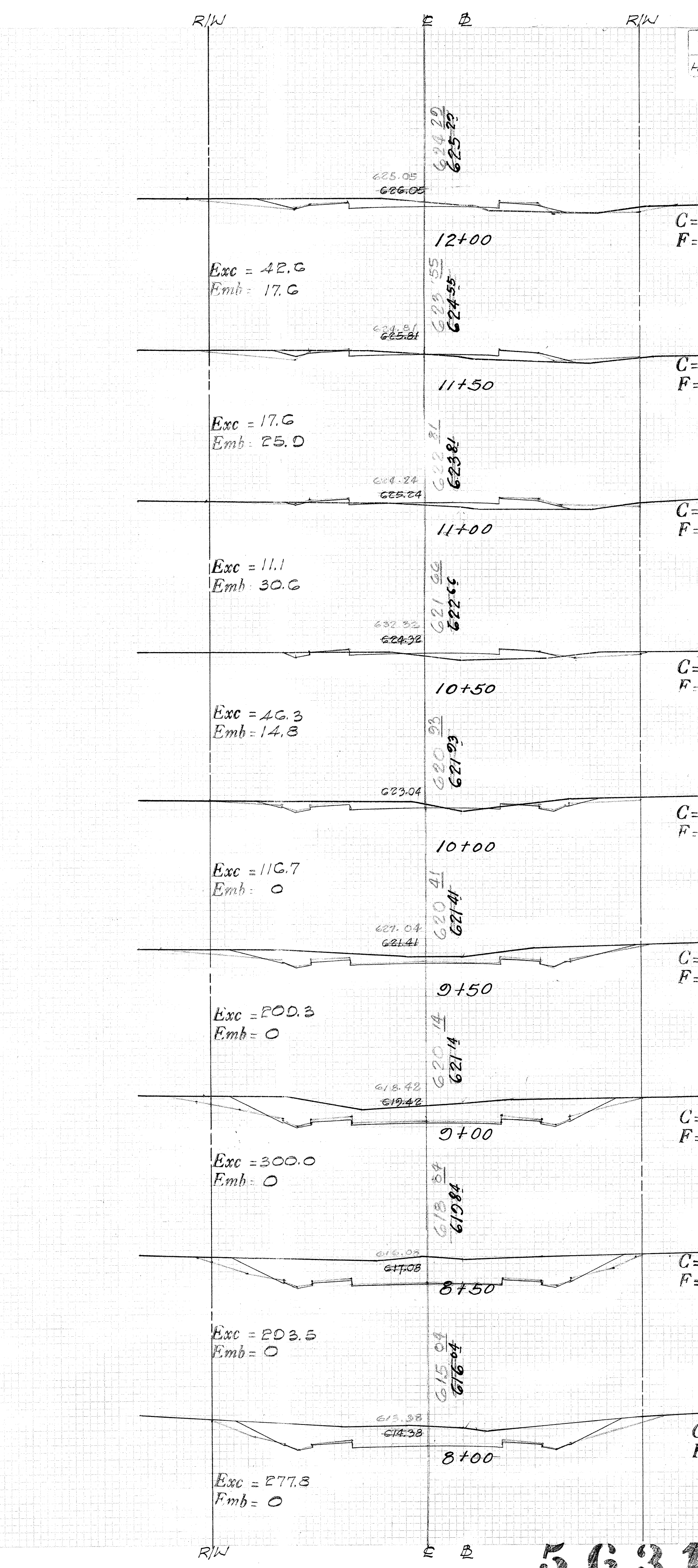
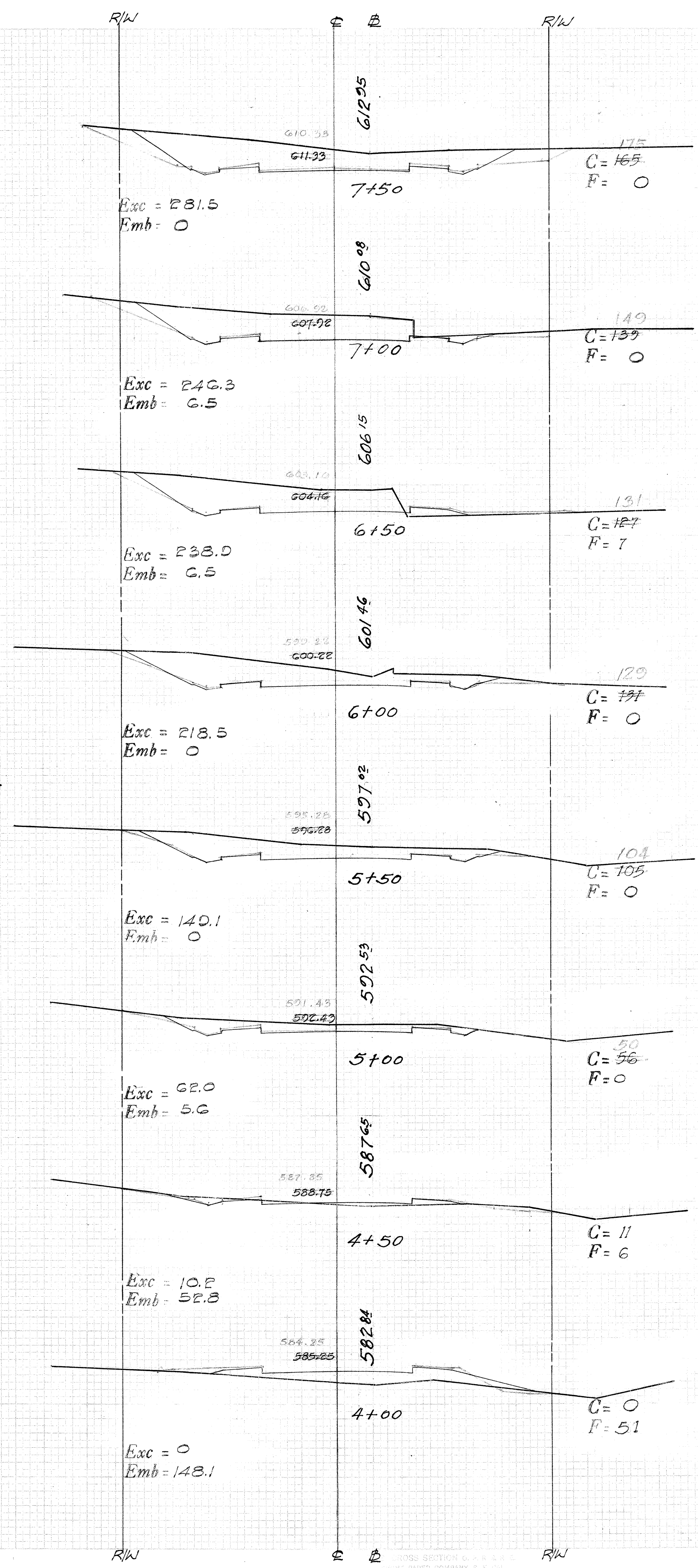
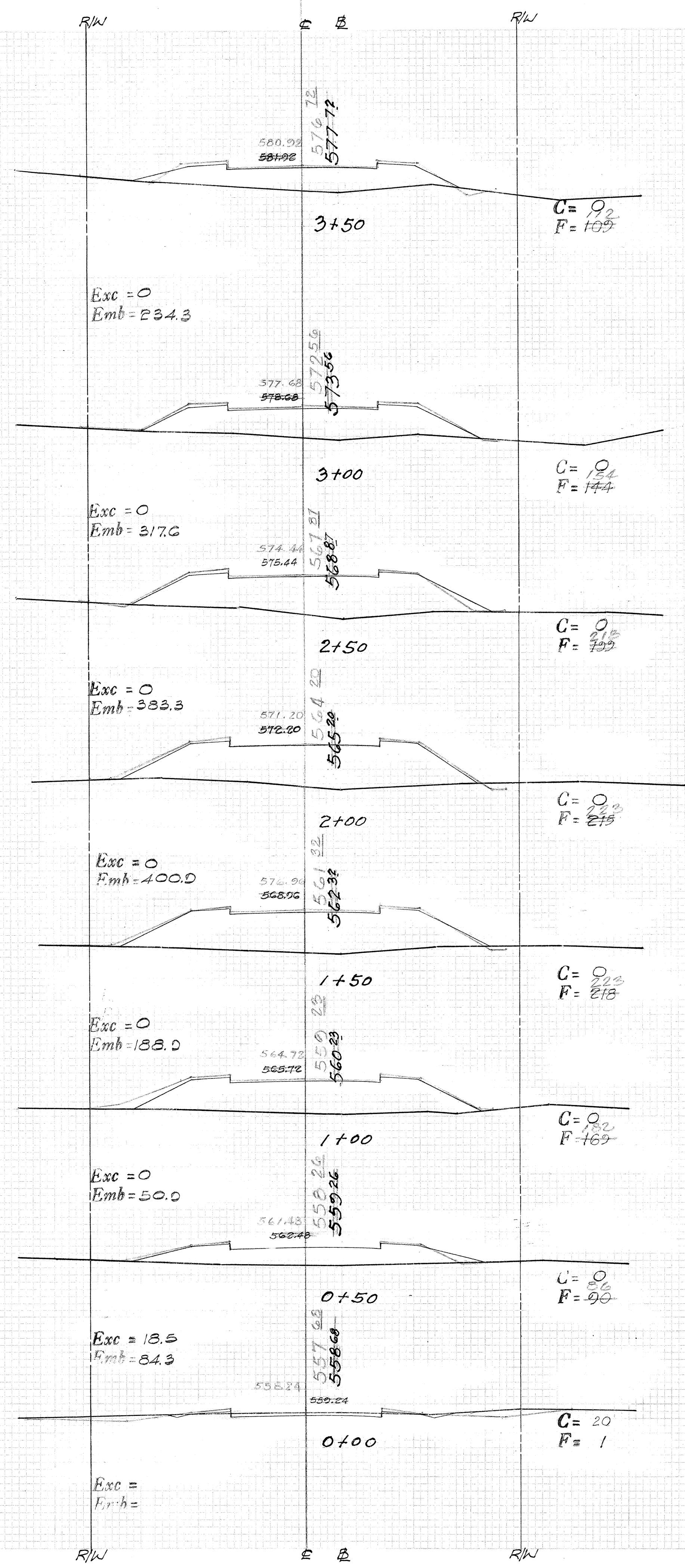
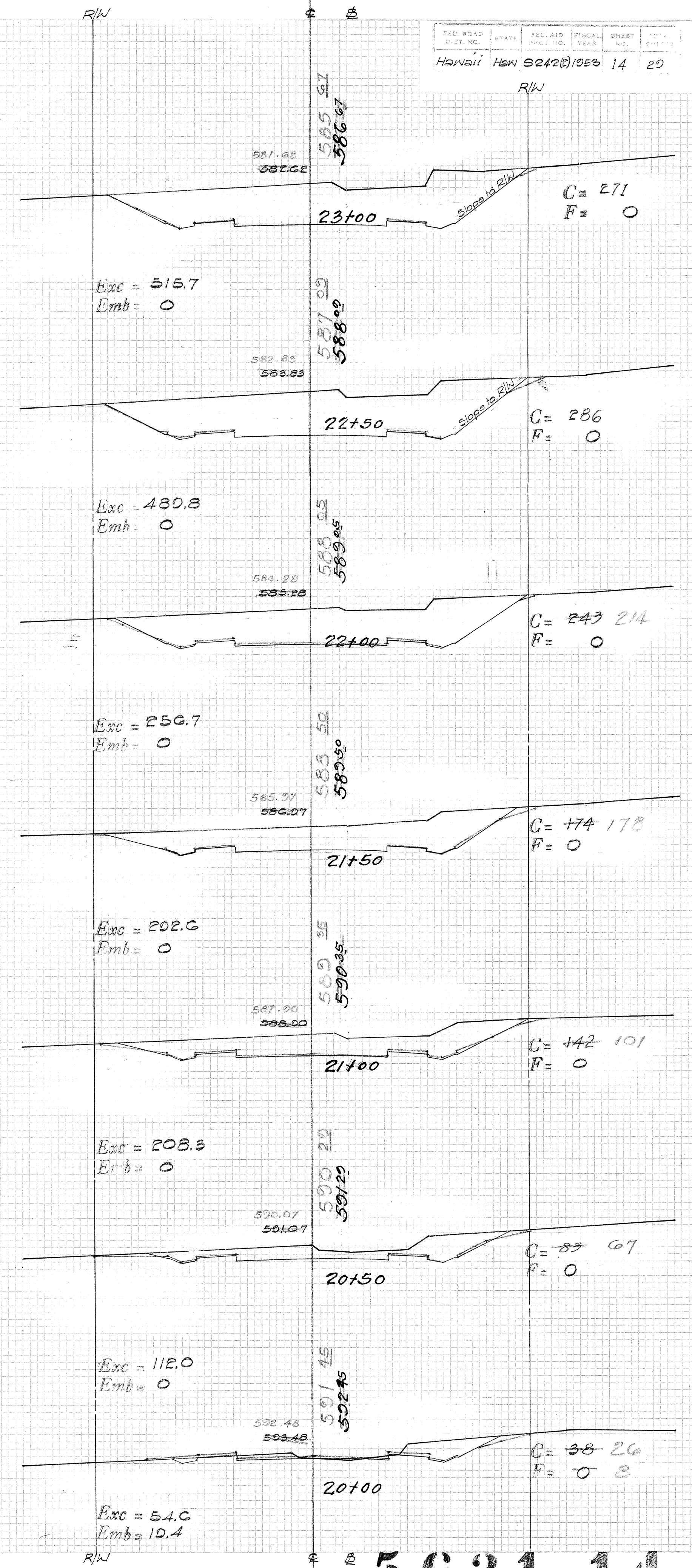
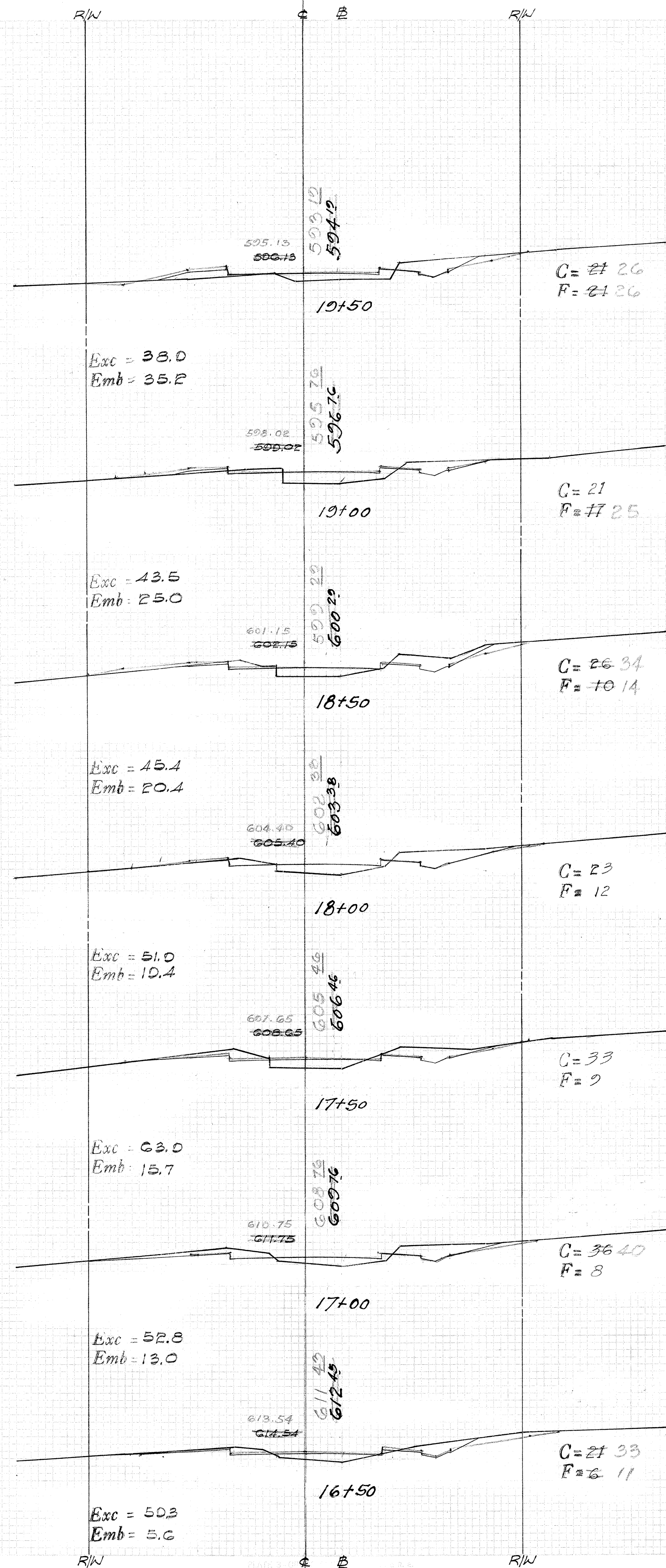
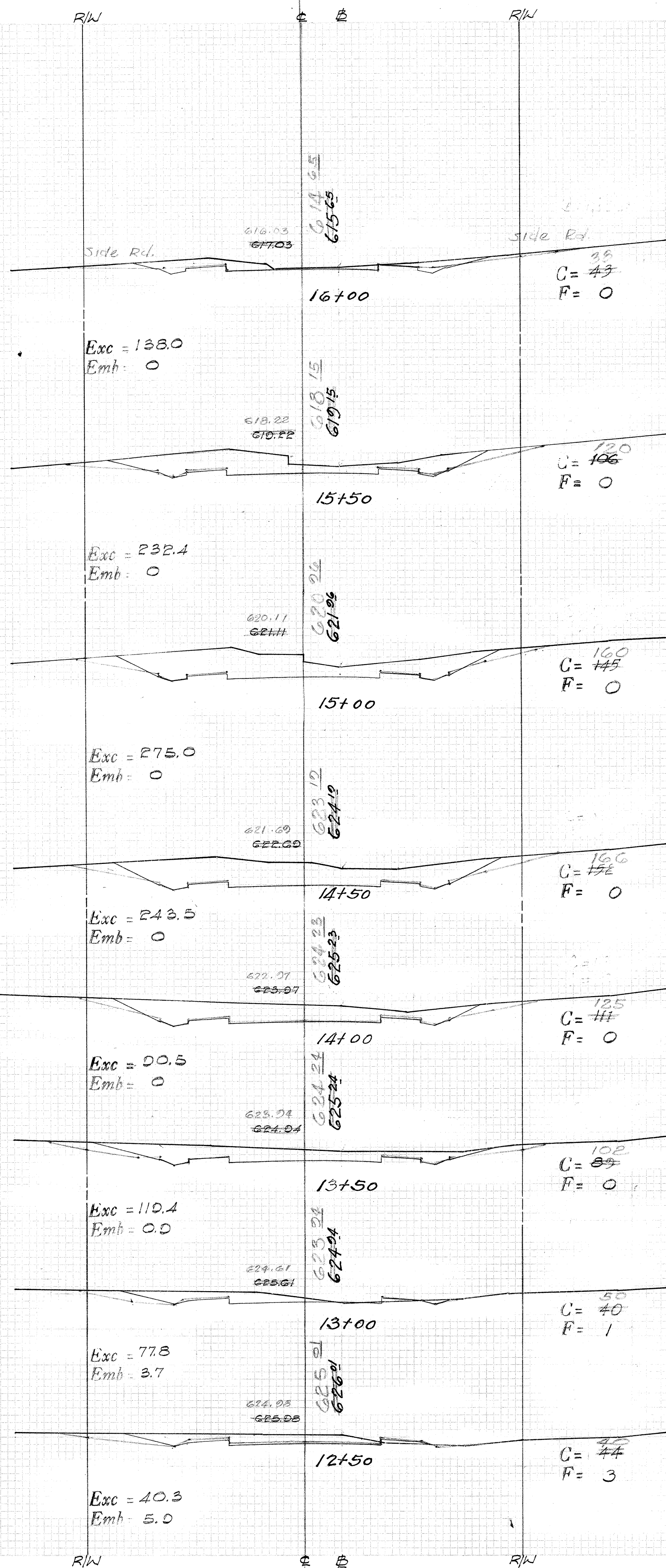
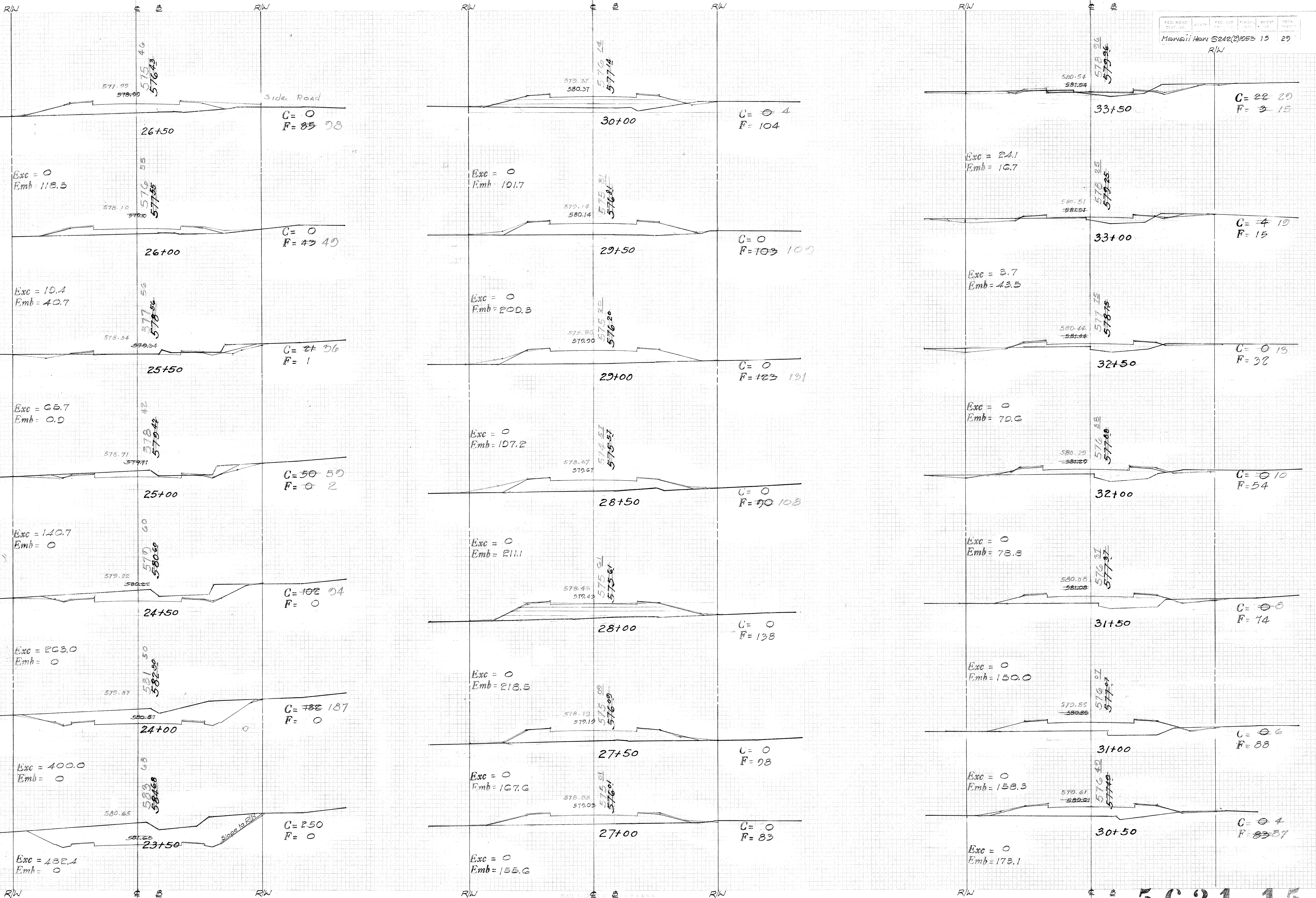
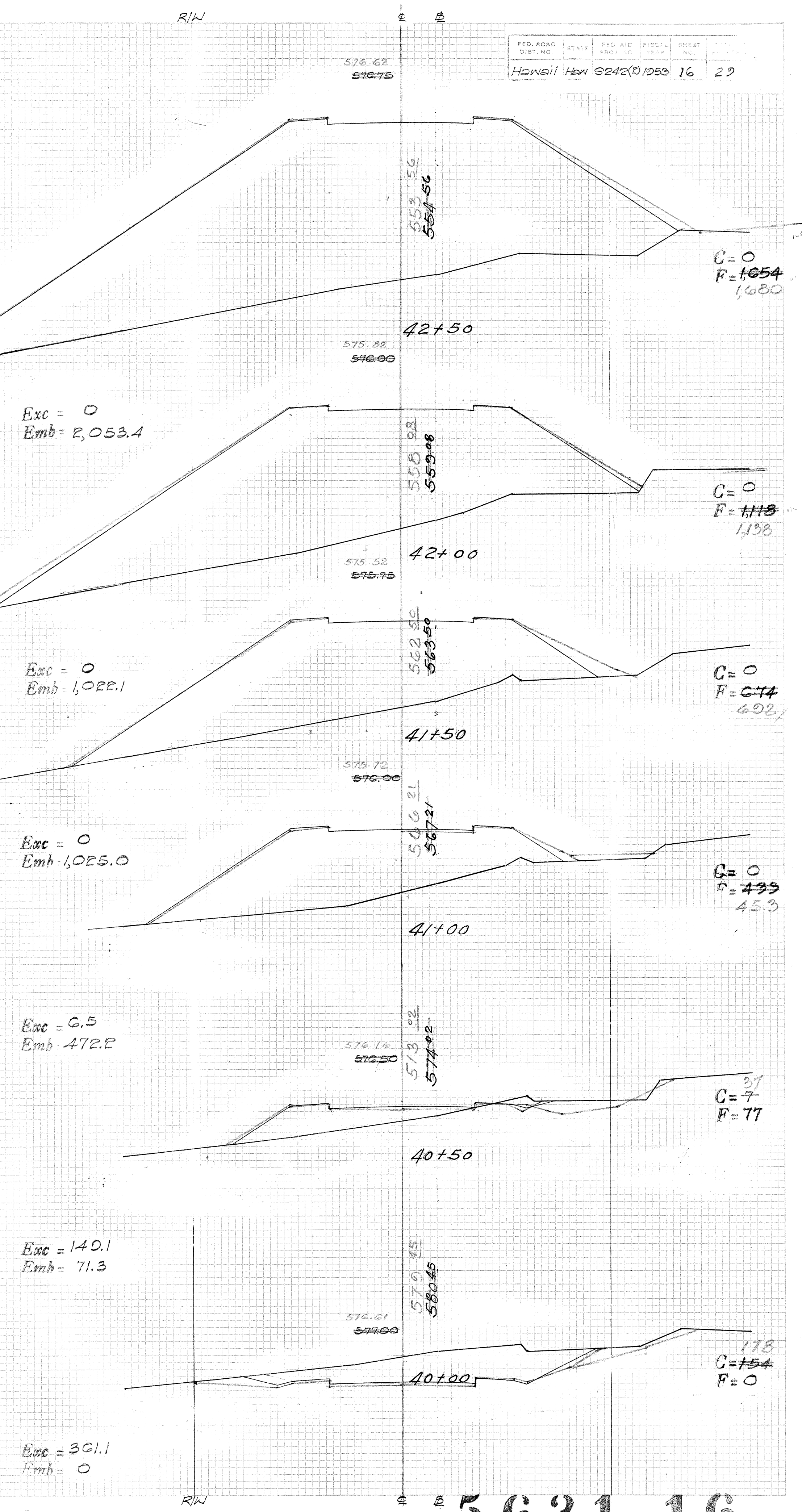
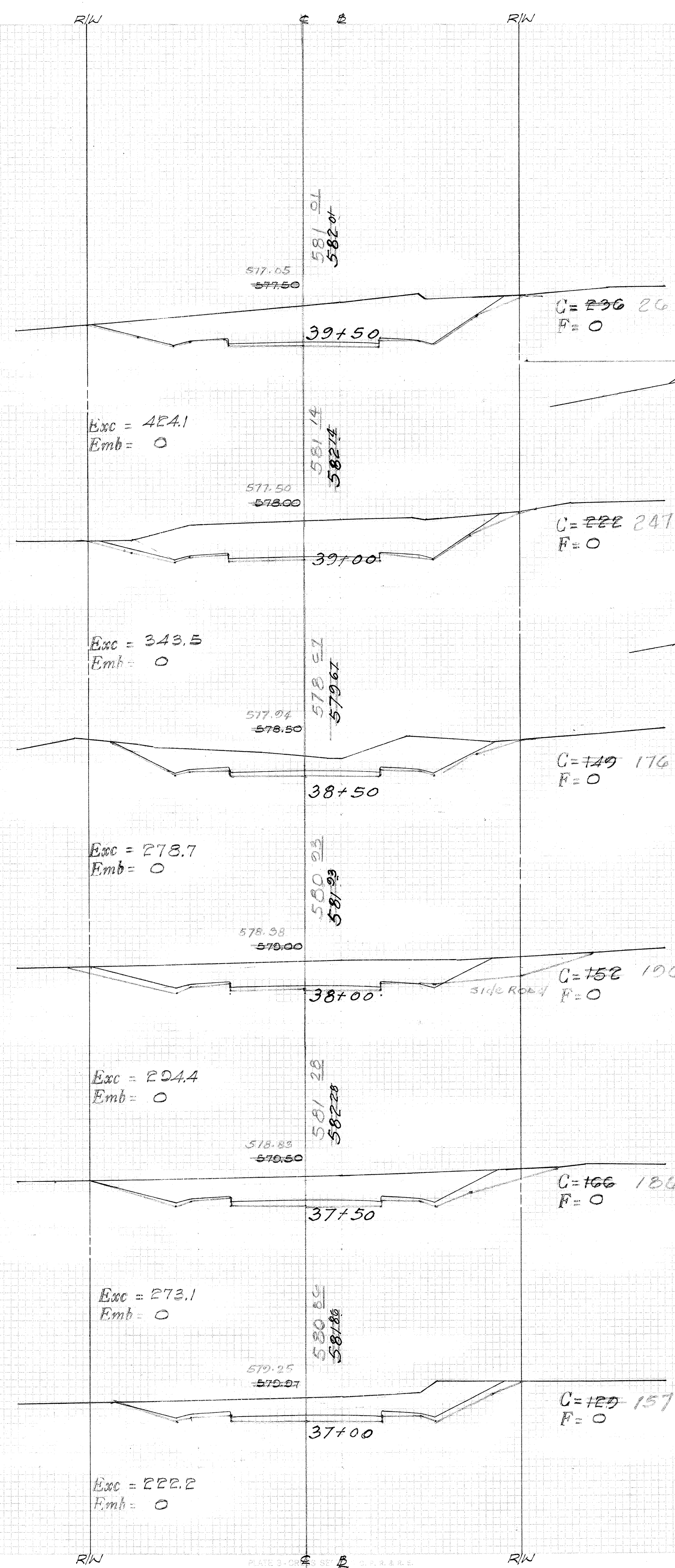
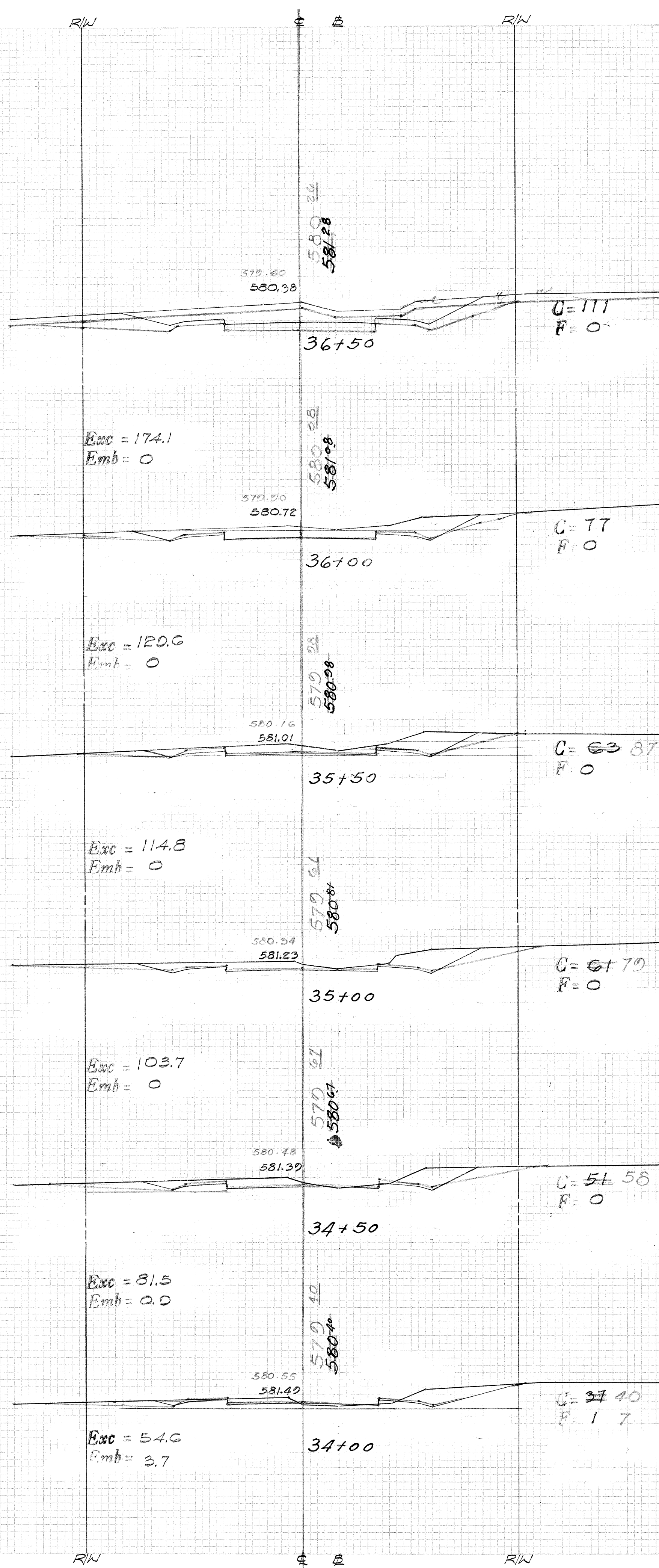






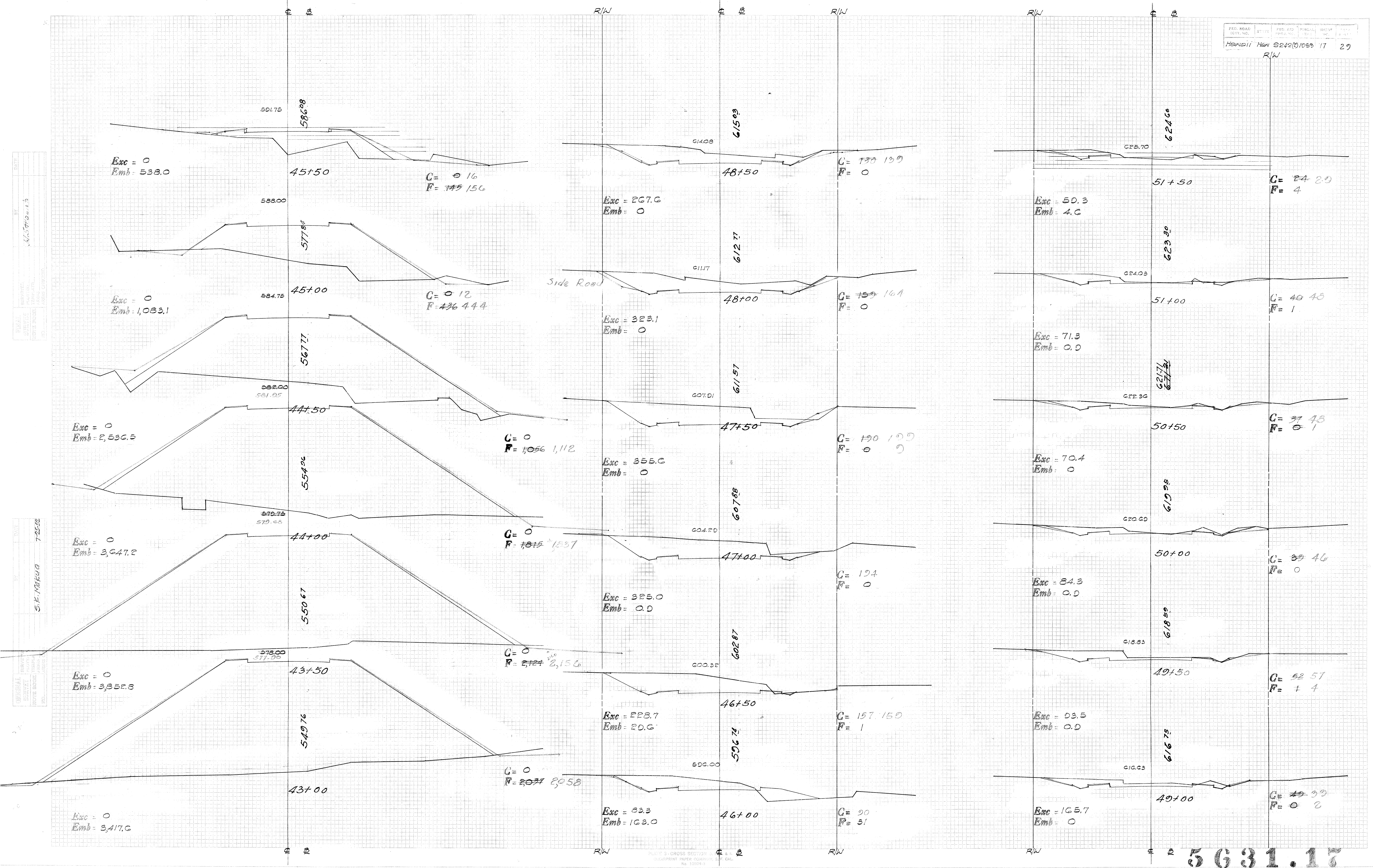
R/W





DATE: 11-27-62
 DRAWN BY: S.K. MAKUO
 CHECKED BY: S.K. MAKUO
 SCALE: 1" = 20'

DATE: 7-25-62
 DRAWN BY: S.K. MAKUO
 CHECKED BY: S.K. MAKUO
 SCALE: 1" = 20'



RW

C= 0
F= 11 103

C= 0 2
F= 8 70

C= 0
F= 62

C= 3
F= 34

C= 26 20
F= 22

C= 35
F= 15

5631.18

Exc = 0
Emb = 177.3

Exc = 0
Emb = 132.4

Exc = 2.8
Emb = 88.0

Exc = 26.0
Emb = 51.0

Exc = 56.5
Emb = 34.3

Exc = 61.1
Emb = 27.3

C= 31 25
F= 15

C= 27 37
F= 10

C= 30 33
F= 8

C= 17 20
F= 17

C= 27 33
F= 10 16

C= 17 21
F= 7 10

Exc = 53.7
Emb = 23.1

Exc = 52.8
Emb = 16.7

Exc = 43.5
Emb = 23.1

Exc = 40.7
Emb = 23.0

Exc = 40.7
Emb = 15.7

Exc = 21.7
Emb = 15.7

C= 8 10
F= 11

C= 29 41
F= 18 48

C= 27 27
F= 10

C= 24
F= 6

C= 7 17
F= 16

C= 28 40
F= 3

Exc = 34.3
Emb = 20.0

Exc = 51.0
Emb = 25.0

Exc = 47.2
Emb = 14.8

Exc = 23.7
Emb = 20.4

Exc = 32.4
Emb = 17.6

Exc = 18.1
Emb = 6.5

PROJECT: N. S. S. S. S.
 DRAWN BY: J. S. S. S.
 CHECKED BY: J. S. S. S.
 NO. 1000045

DATE: 7-25-54
 DRAWN BY: J. S. S. S.
 CHECKED BY: J. S. S. S.
 NO. 1000045

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.
HAWAII	HI	8242(0)1053	19	29

R/W

674.10

70+50

C= 18
F= 3

Exc = 36.1
Emb = 4.6

673.85

70+00

C= 21.32
F= 2

Exc = 48.1
Emb = 2.8

673.60

69+50

C= 31.37
F= 1

Exc = 55.6
Emb = 2.8

673.35

69+00

C= 29
F= 2

Exc = 78.7
Emb = 1.0

672.99

68+50

C= 56.58
F= 0

Exc = 114.0
Emb = 0

672.40

68+00

C= 133.141
F= 0

Exc = 247.2
Emb = 0

671.59

67+50

C= 134.142
F= 0

Exc = 266.7
Emb = 0

5631.19

R/W

C B

R/W

C B

R/W

R/W

C B

R/W

659.60

64+00

C= 1
F= 35 61

Exc = 1.0
Emb = 60.4

657.23

63+50

C= 1
F= 27

Exc = 1.0
Emb = 75.0

655.11

63+00

C= 1
F= 45 49

Exc = 0.0
Emb = 102.8

653.24

62+50

C= 0
F= 66 75

Exc = 0
Emb = 140.7

651.03

62+00

C= 0
F= 86

Exc = 0
Emb = 205.6

650.27

61+50

C= 0
F= 136 191

Exc = 0
Emb = 231.5

649.16

61+00

C= 0
F= 114 118

Exc = 0
Emb = 208.3

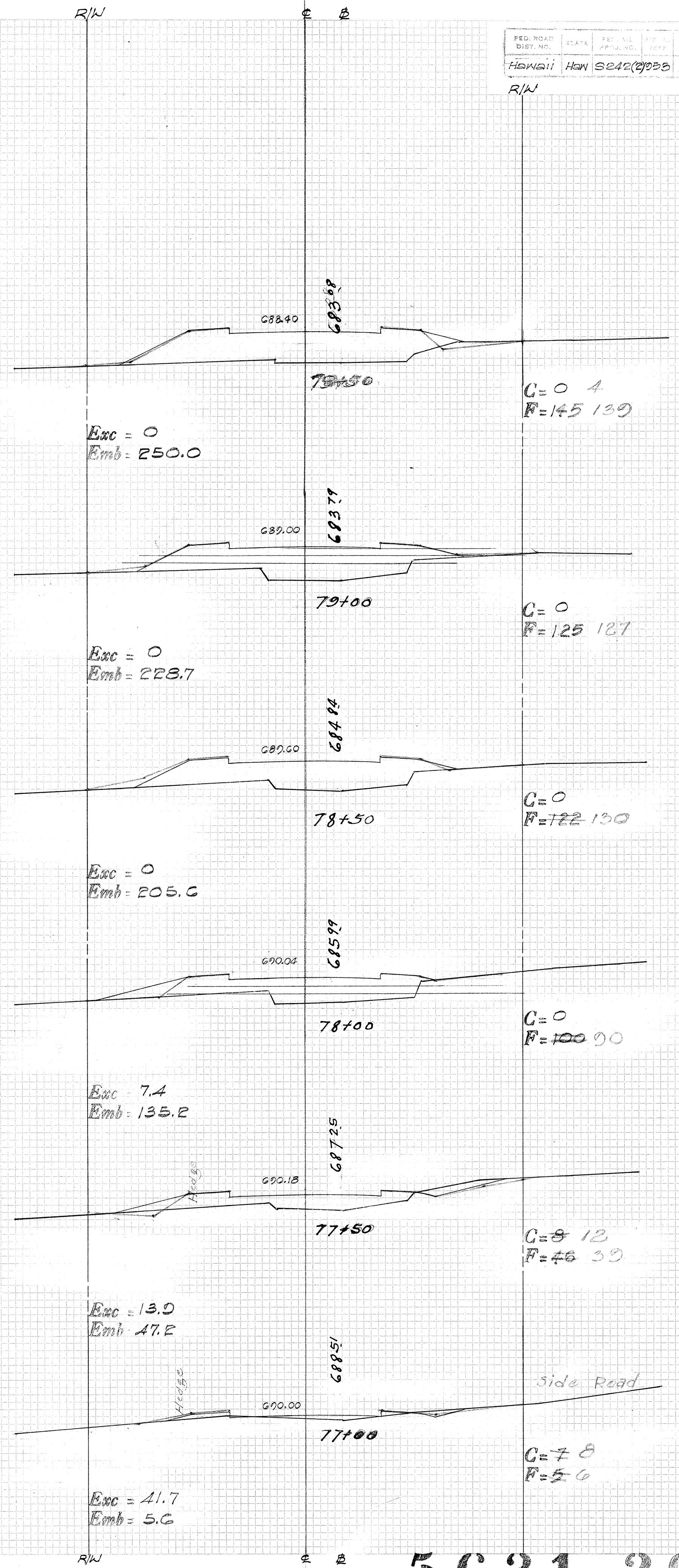
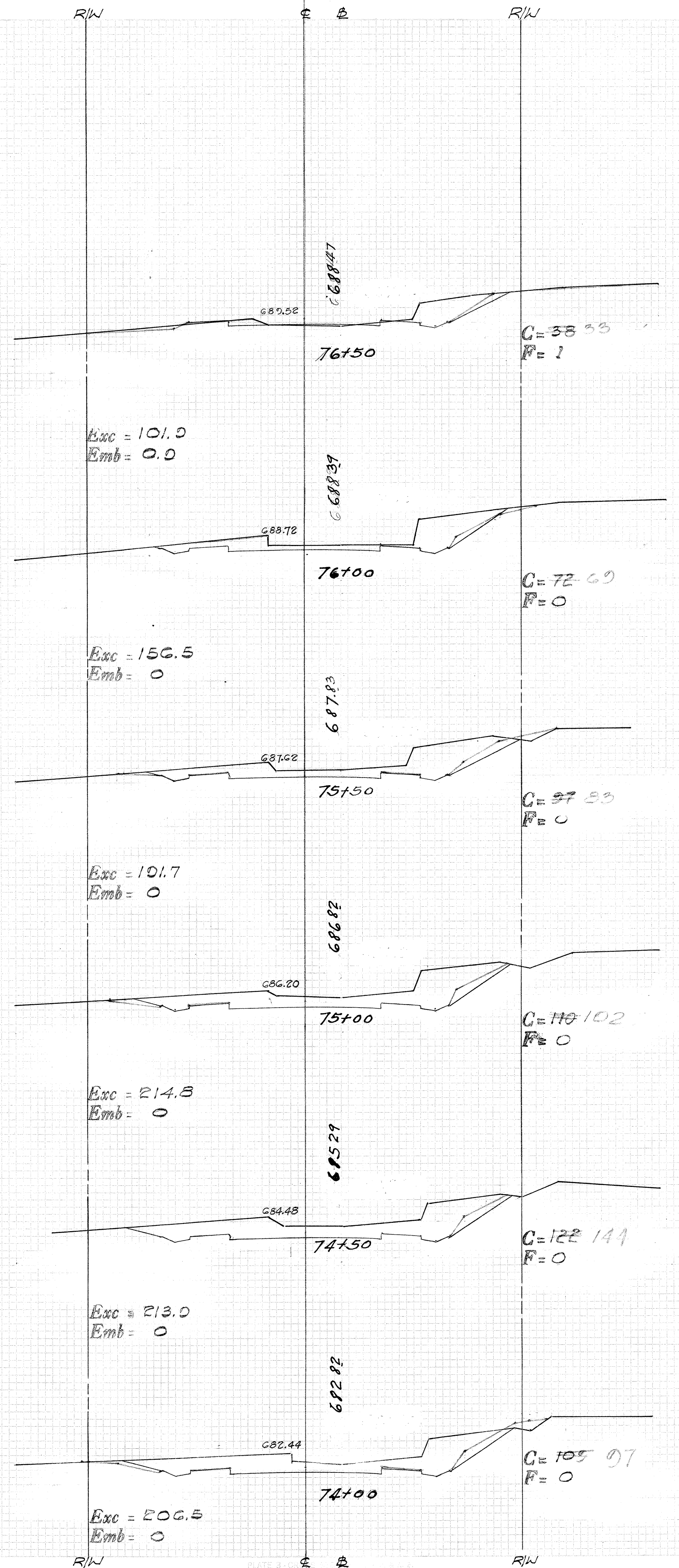
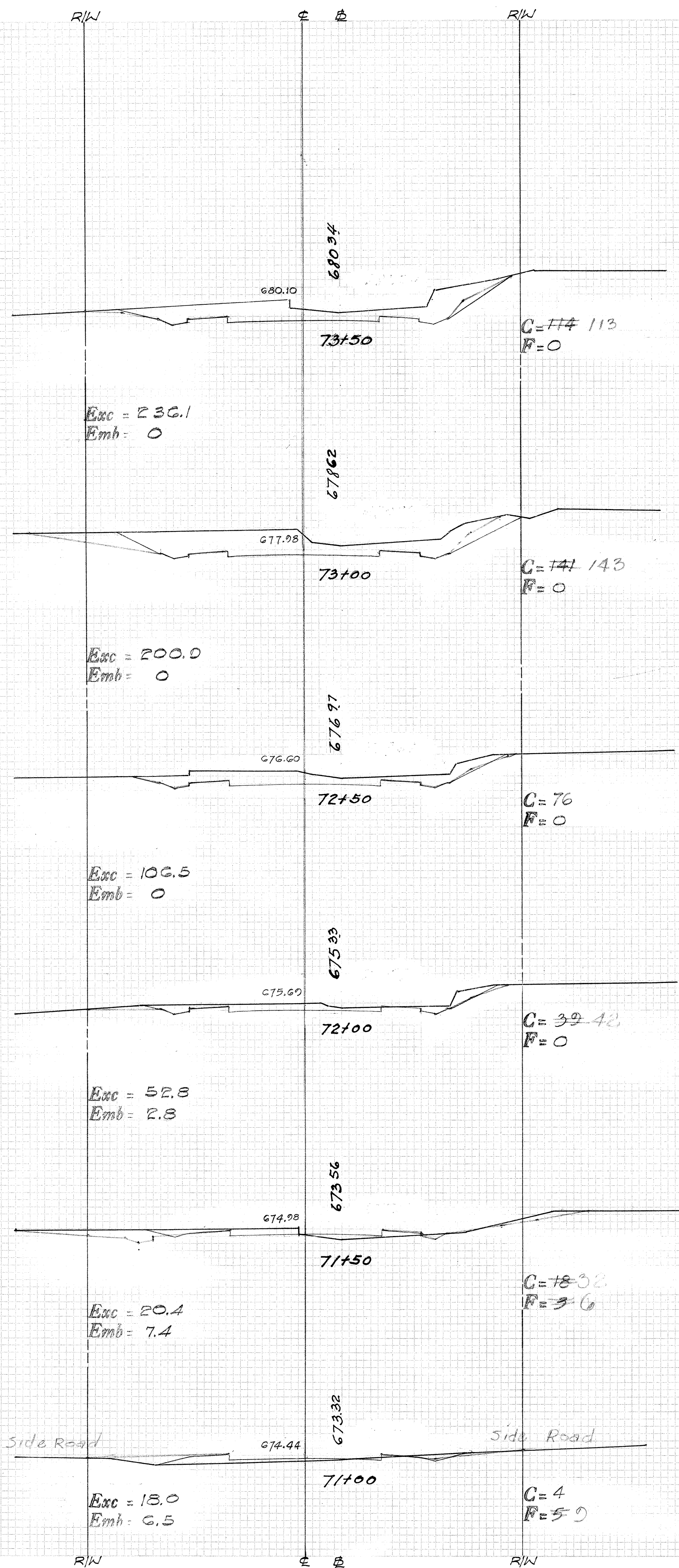
PLATE 3 - CROSS SECTION U. S. F. & R. E.
CLEARPRINT PAPER COMPANY, S. F. CAL.
No. 1000H-2

PROJECT: HAWAIIAN ISLANDS
SHEET: 5631.19
DATE: 10/10/10

DESIGNER: S. E. NAKA
CHECKER: J. E. NAKA
DATE: 10/10/10

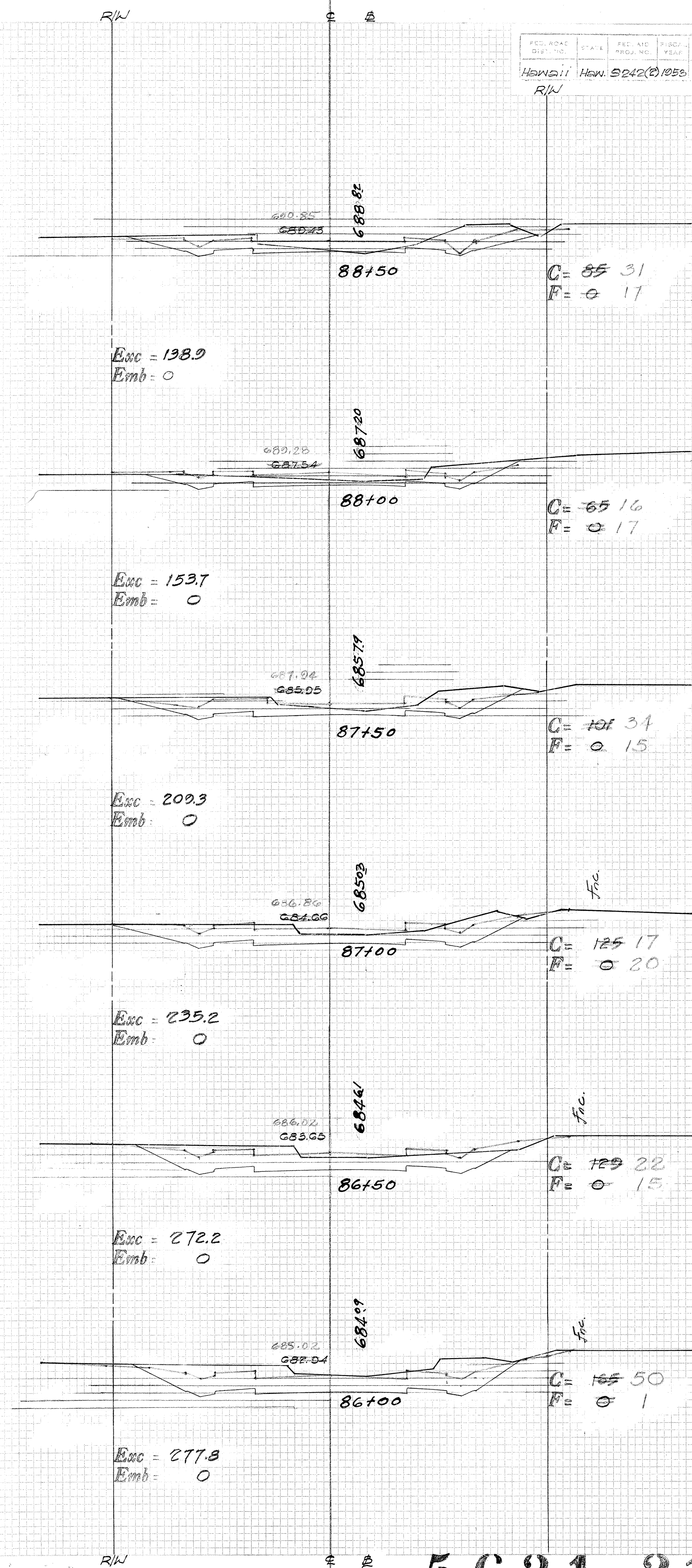
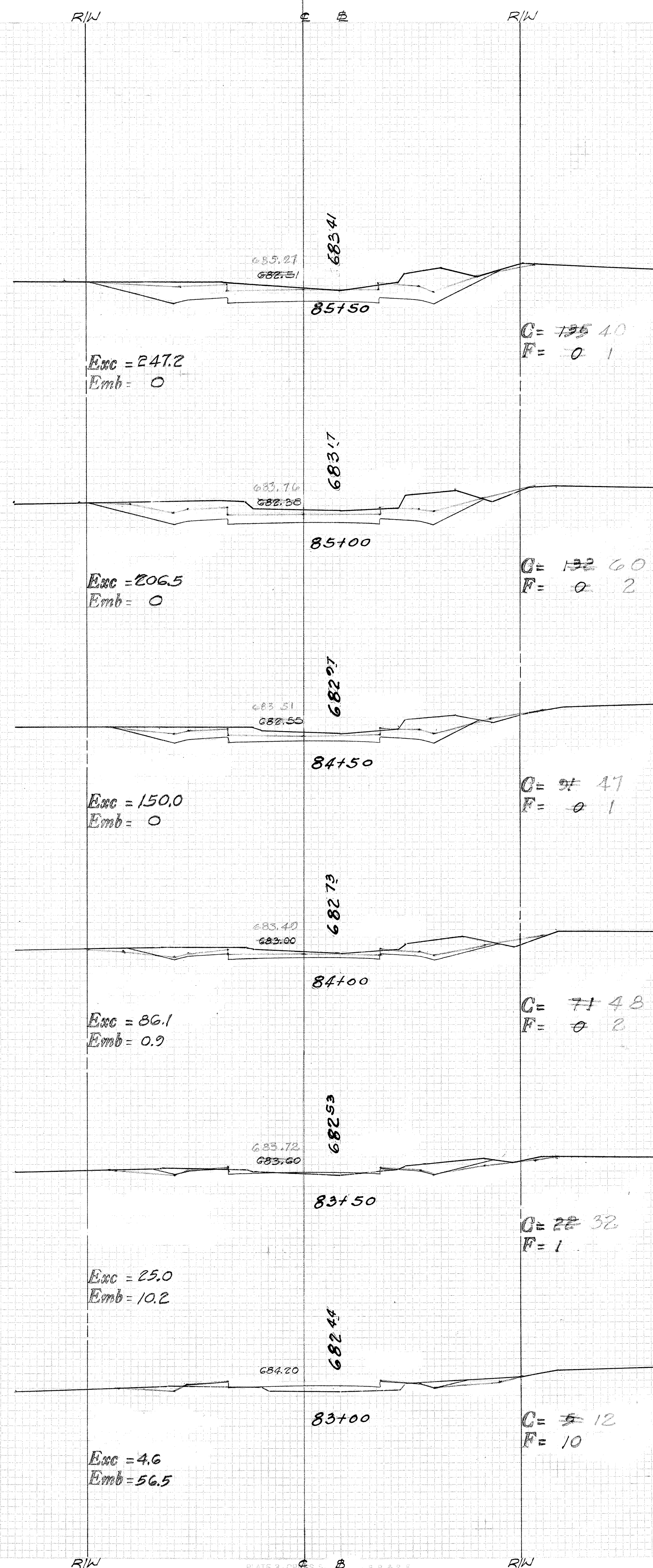
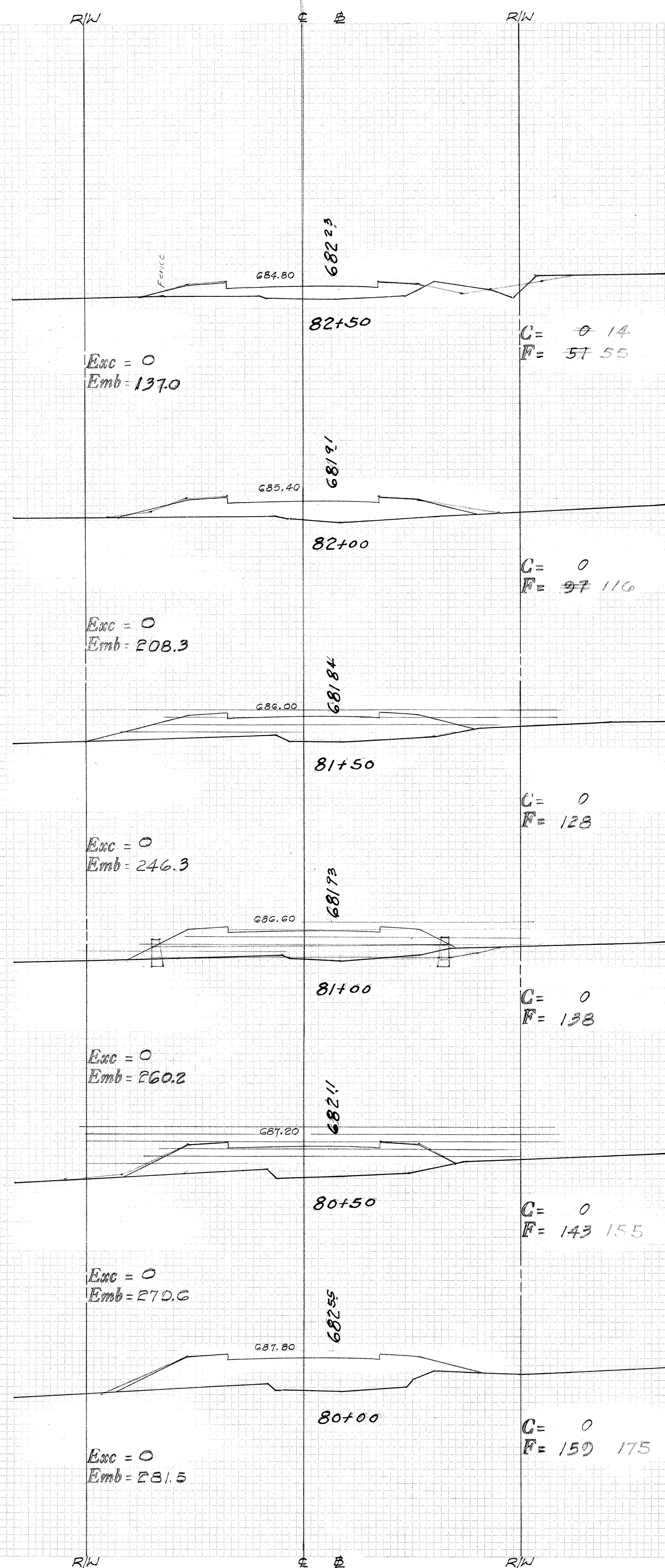
SURVEYED BY: J.L. Kouch
 CHECKED BY: J.L. Kouch
 DATE: 10/1/20
 SCALE: 1" = 40'

SURVEYED BY: S.K. Nakua
 CHECKED BY: S.K. Nakua
 DATE: 7/1/22
 SCALE: 1" = 40'



FILE NO.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	SR 242(2)1055	21	29

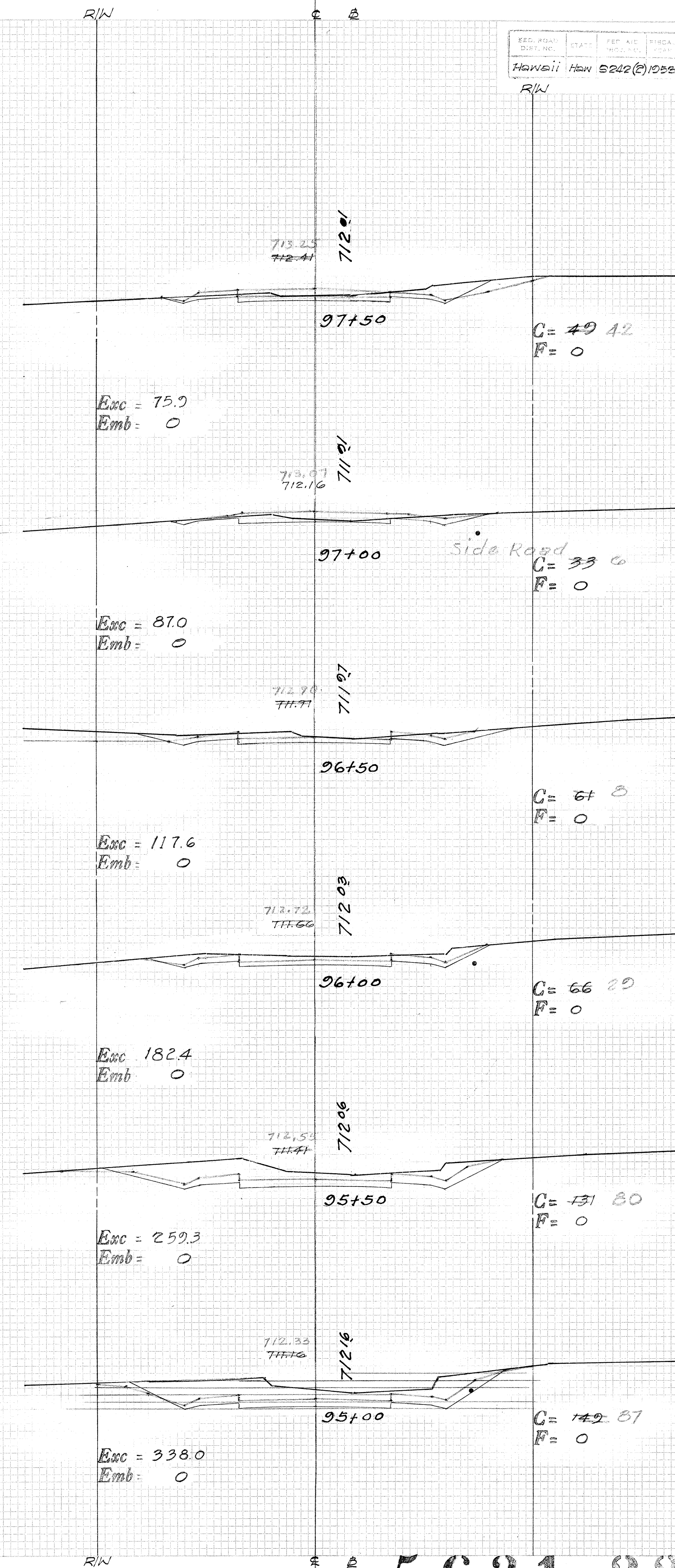
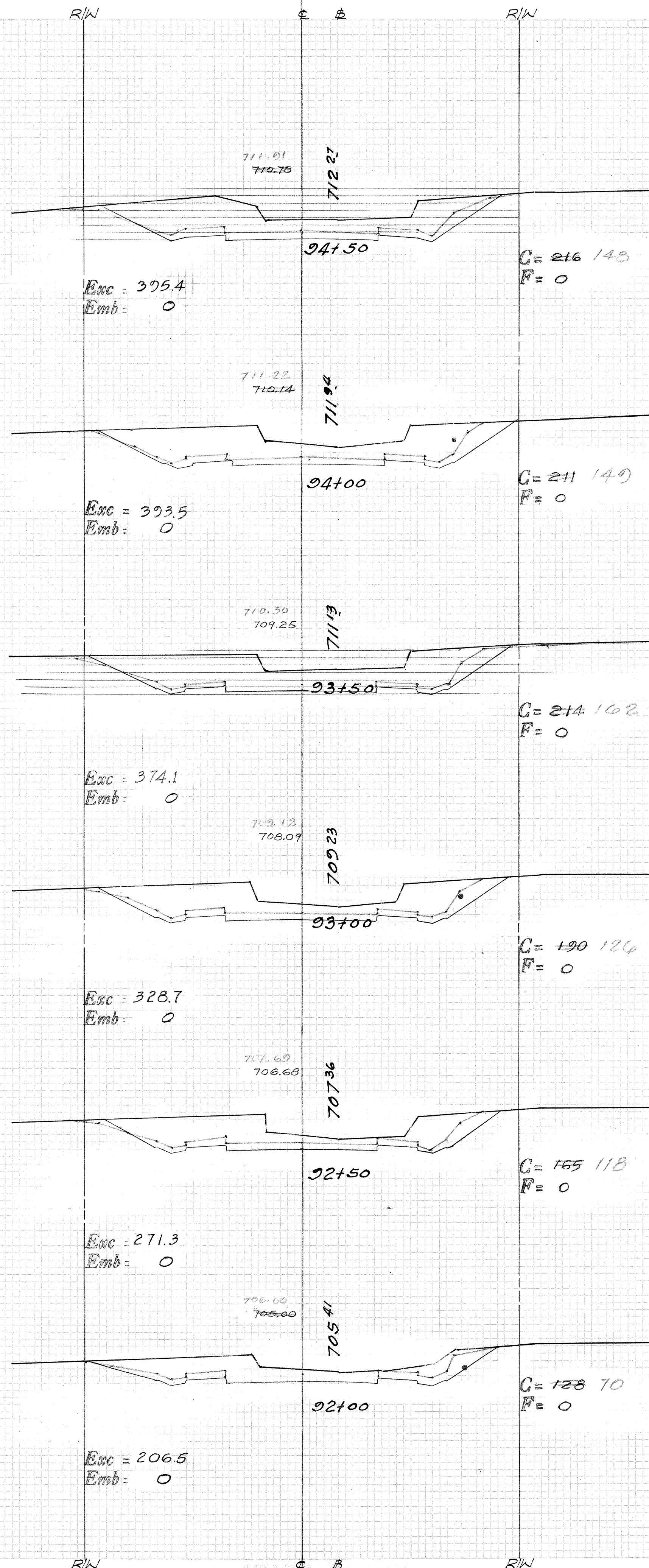
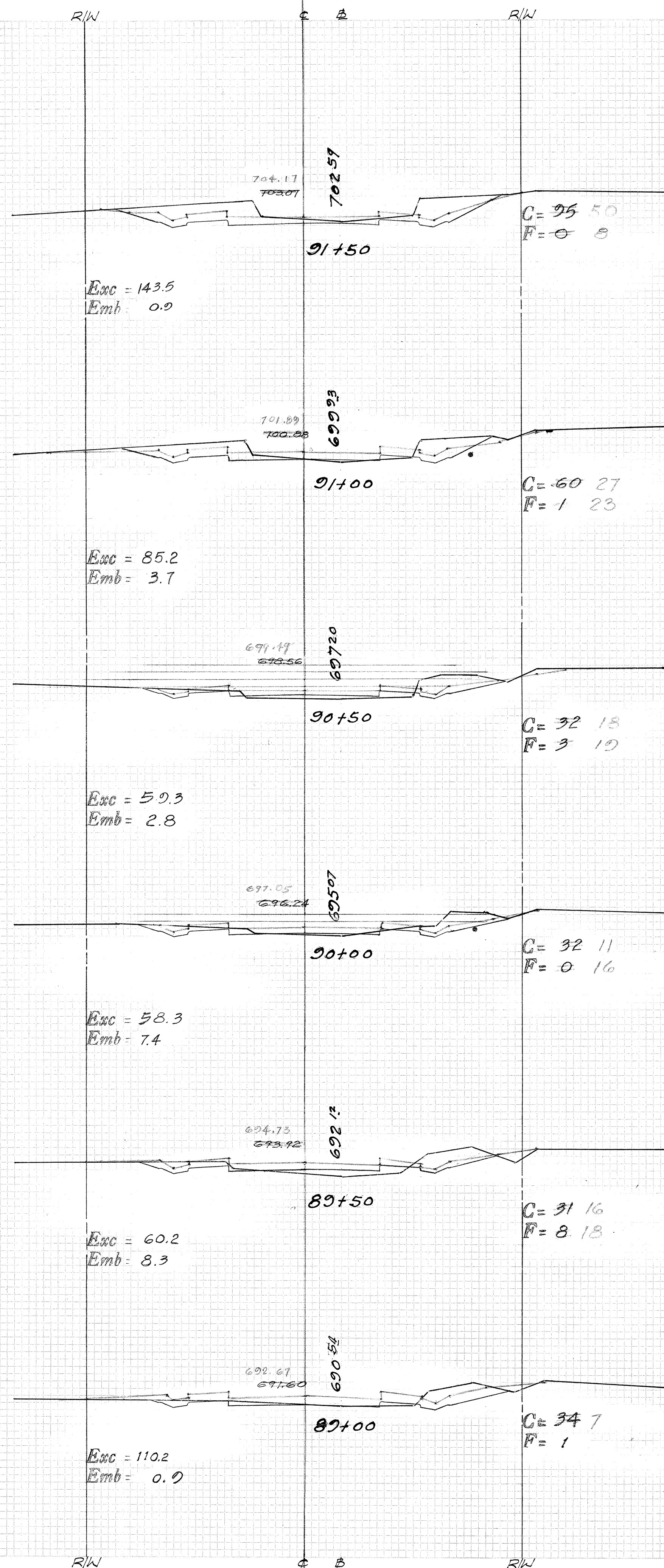
R/W

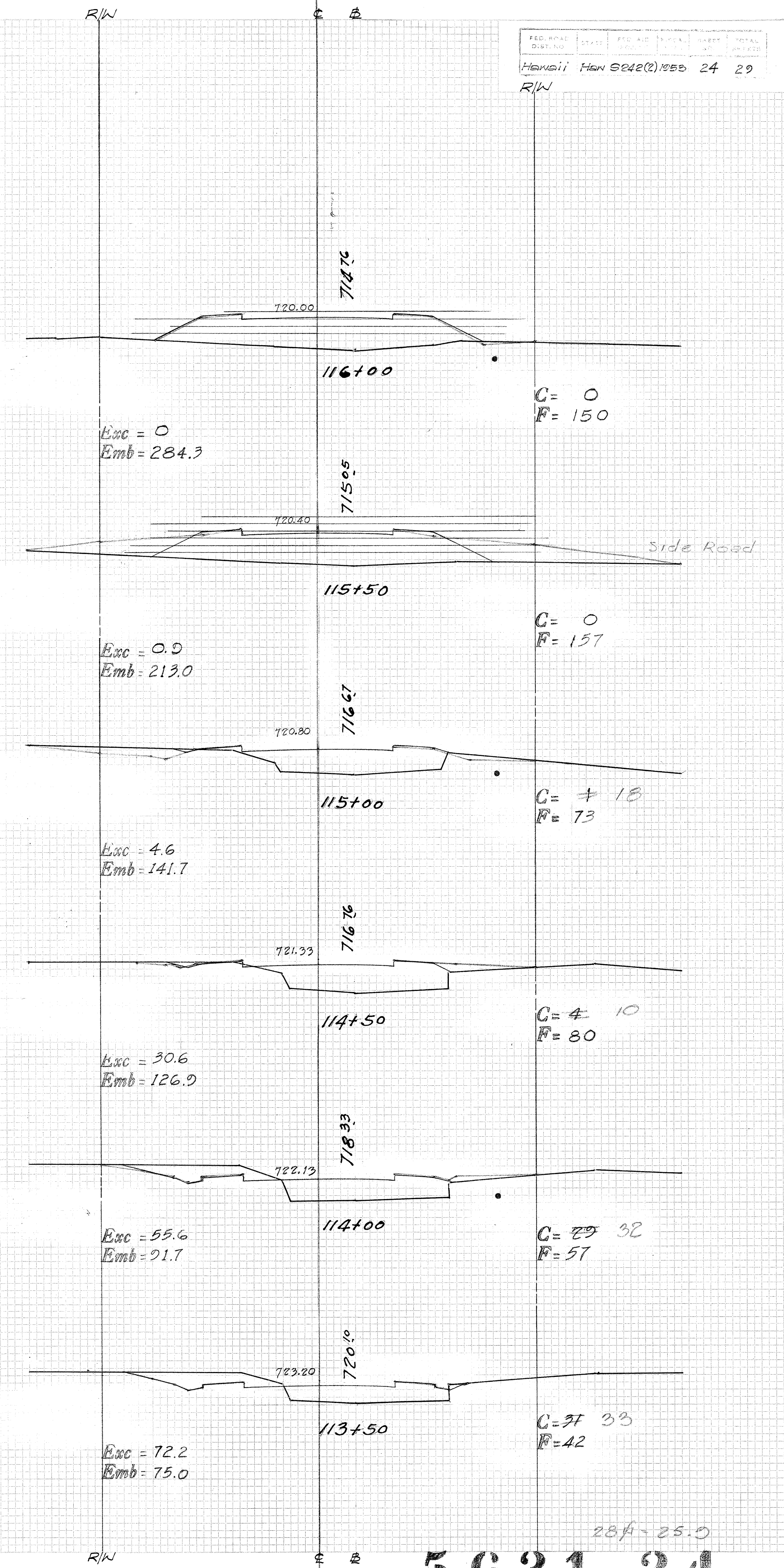
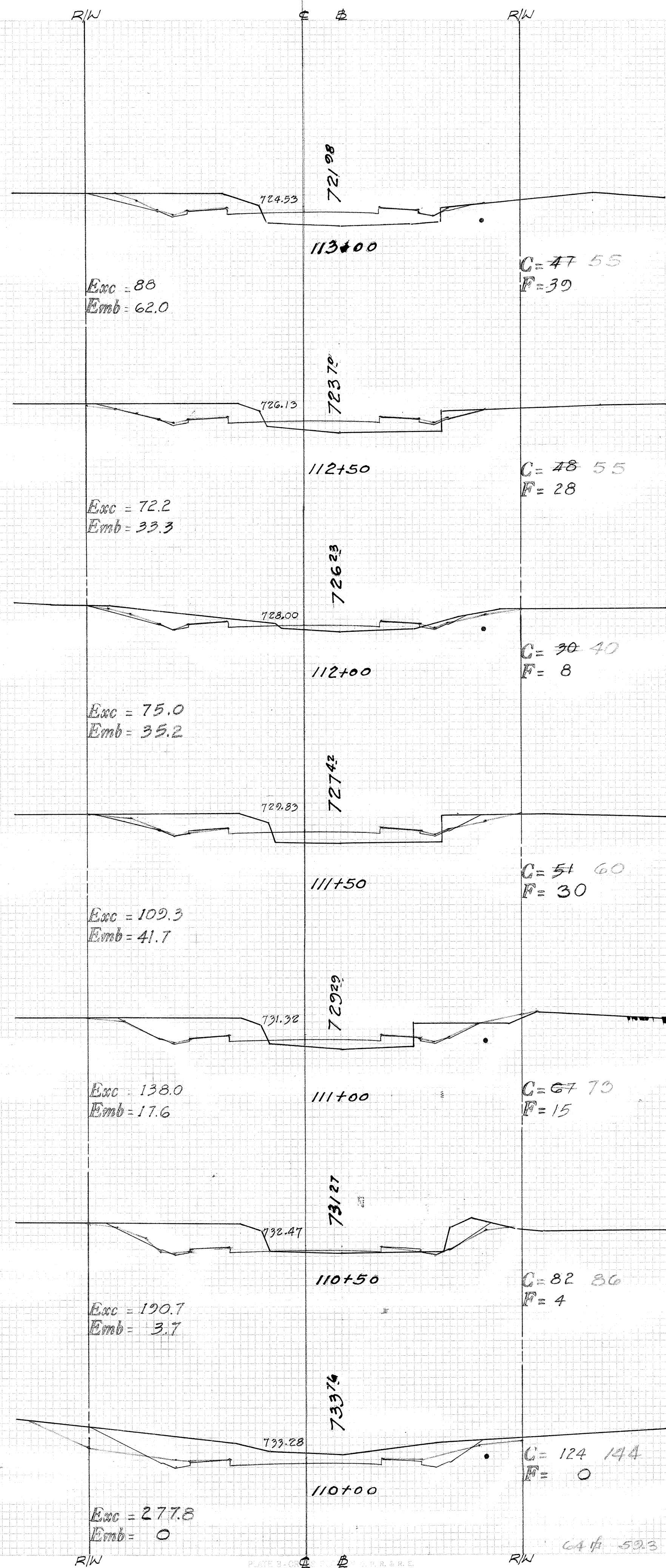
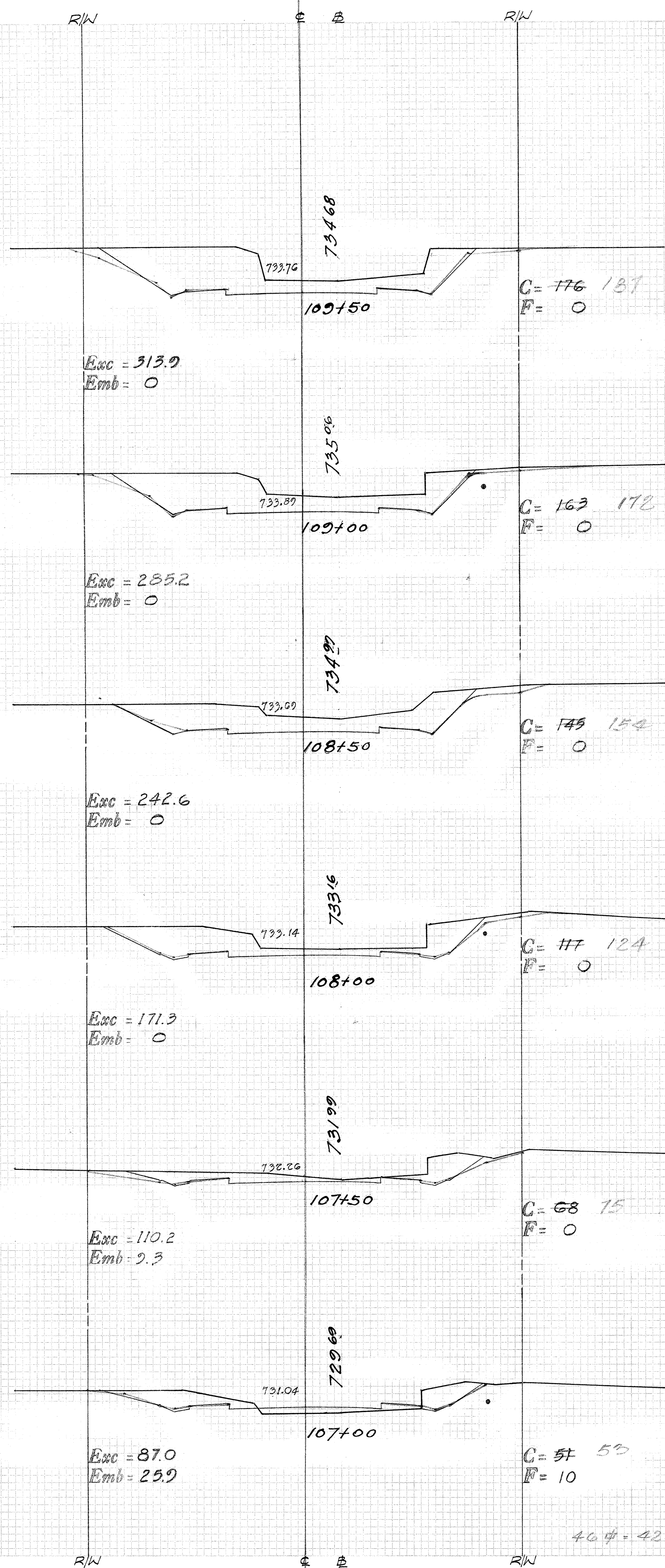


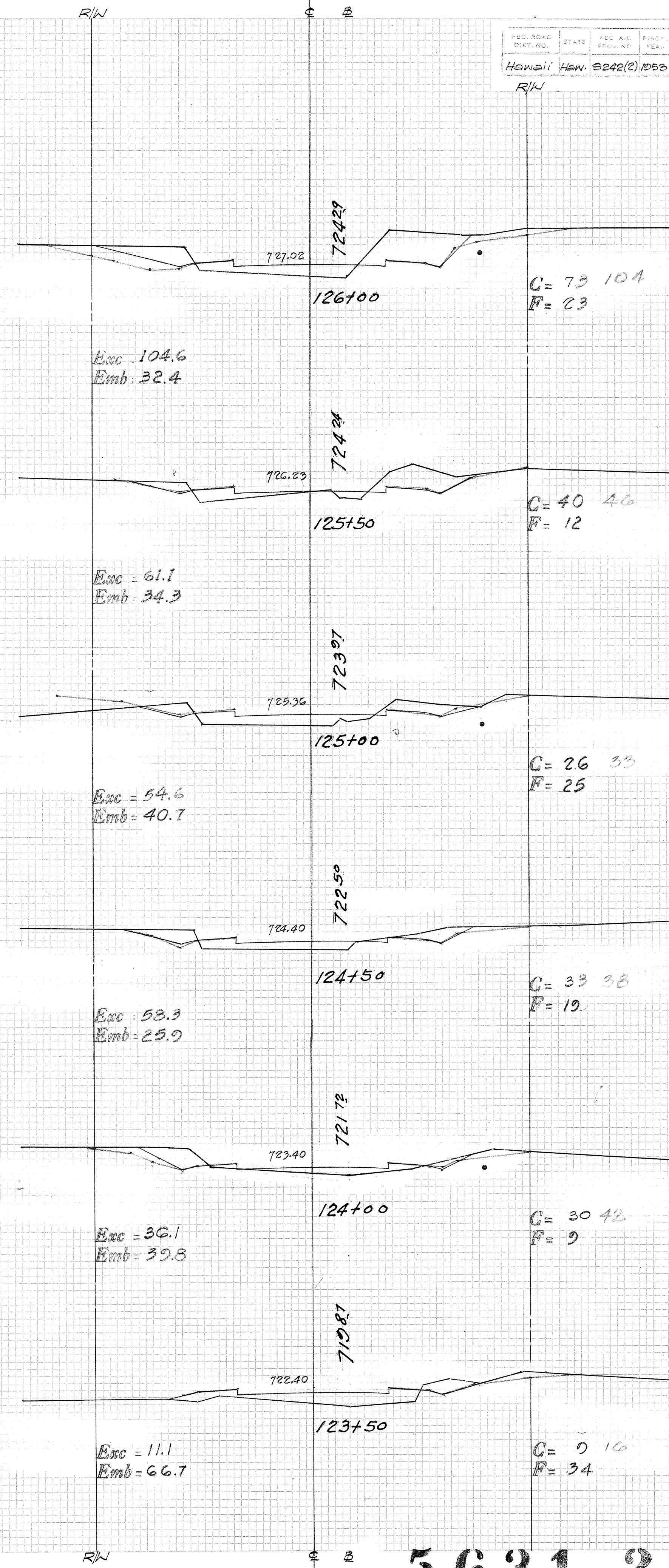
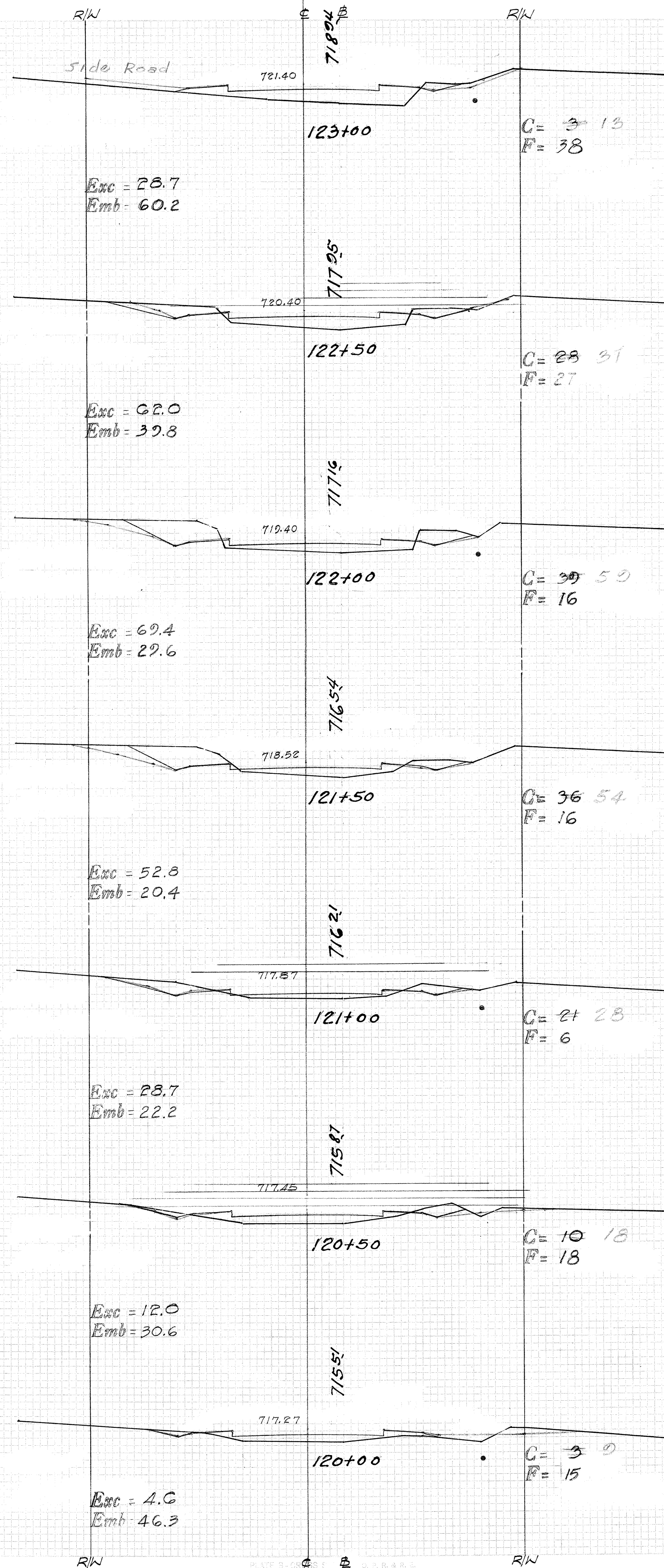
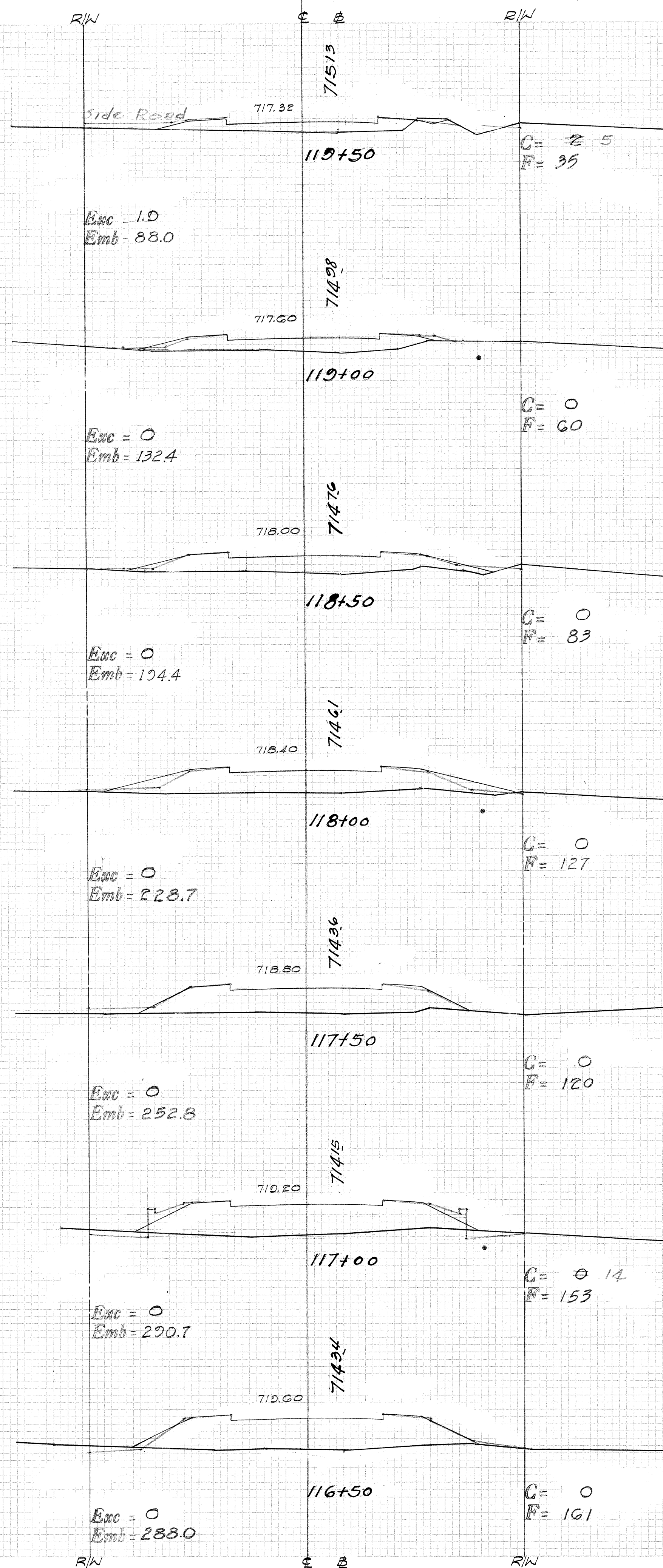
PLATS 3-CH 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

5631.21

R/W



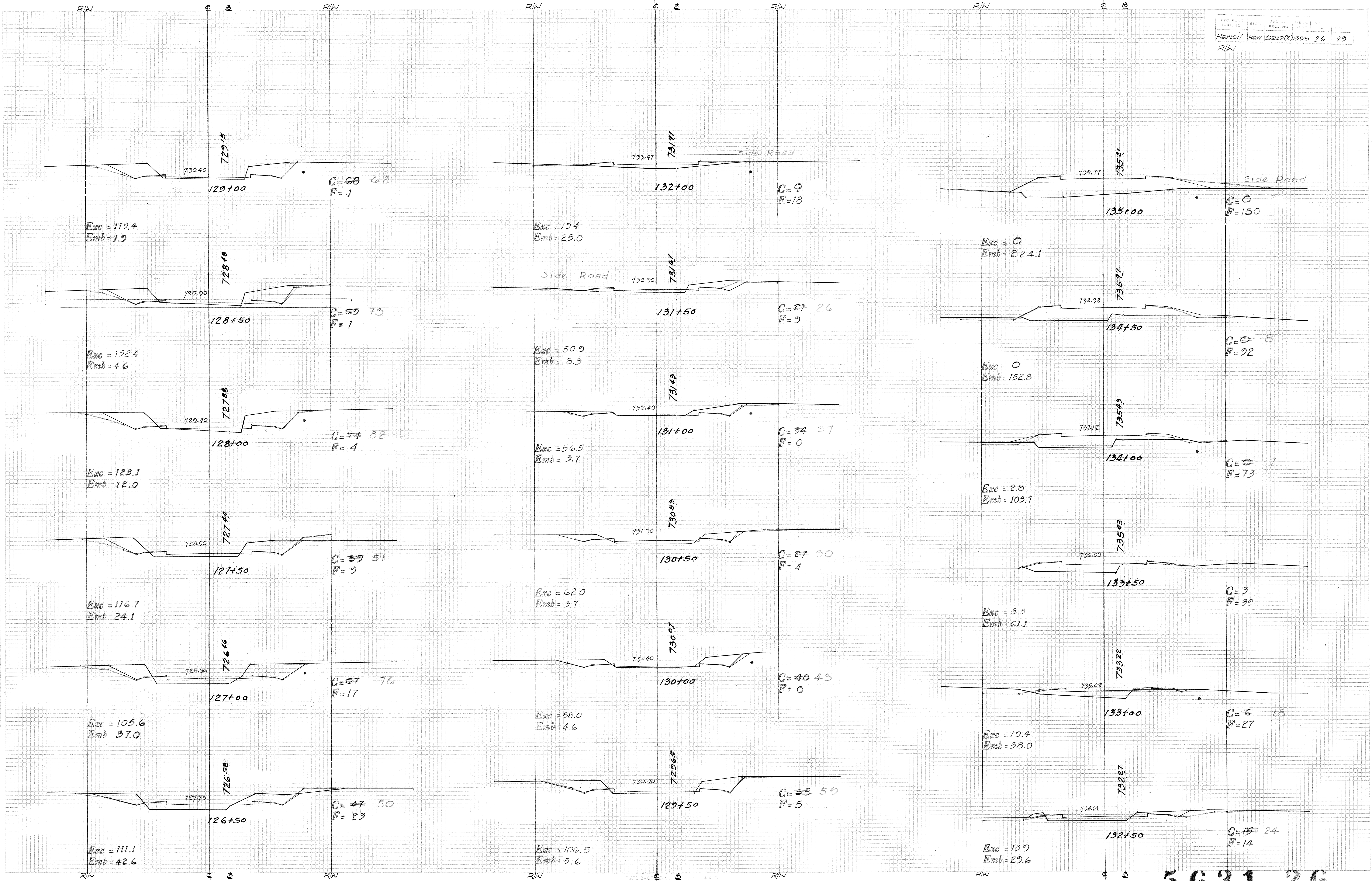


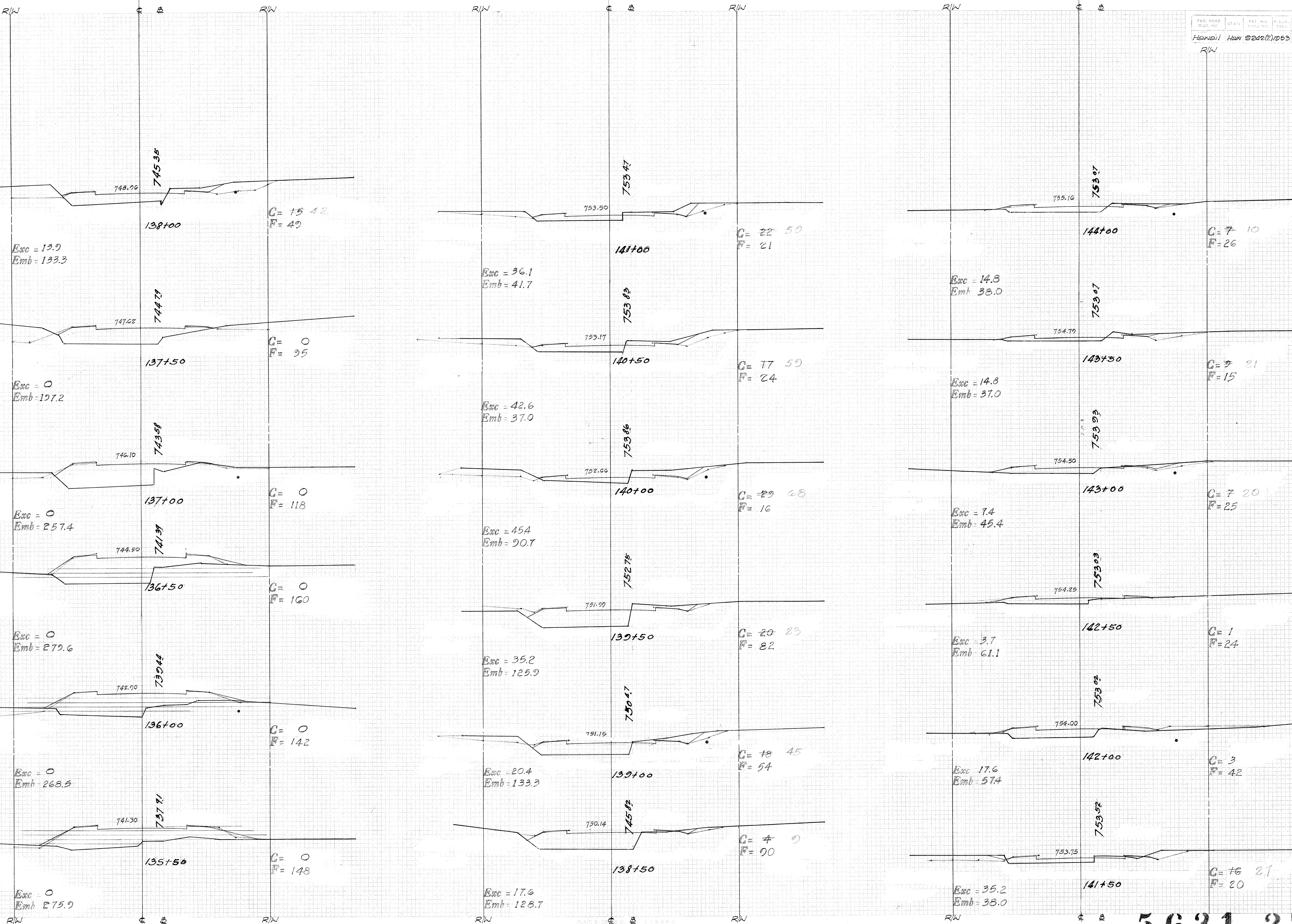


BY: H. Sakamoto
 CHECKED: []
 DATE: []

BY: S. K. Nakano
 CHECKED: []
 DATE: 7-20-52

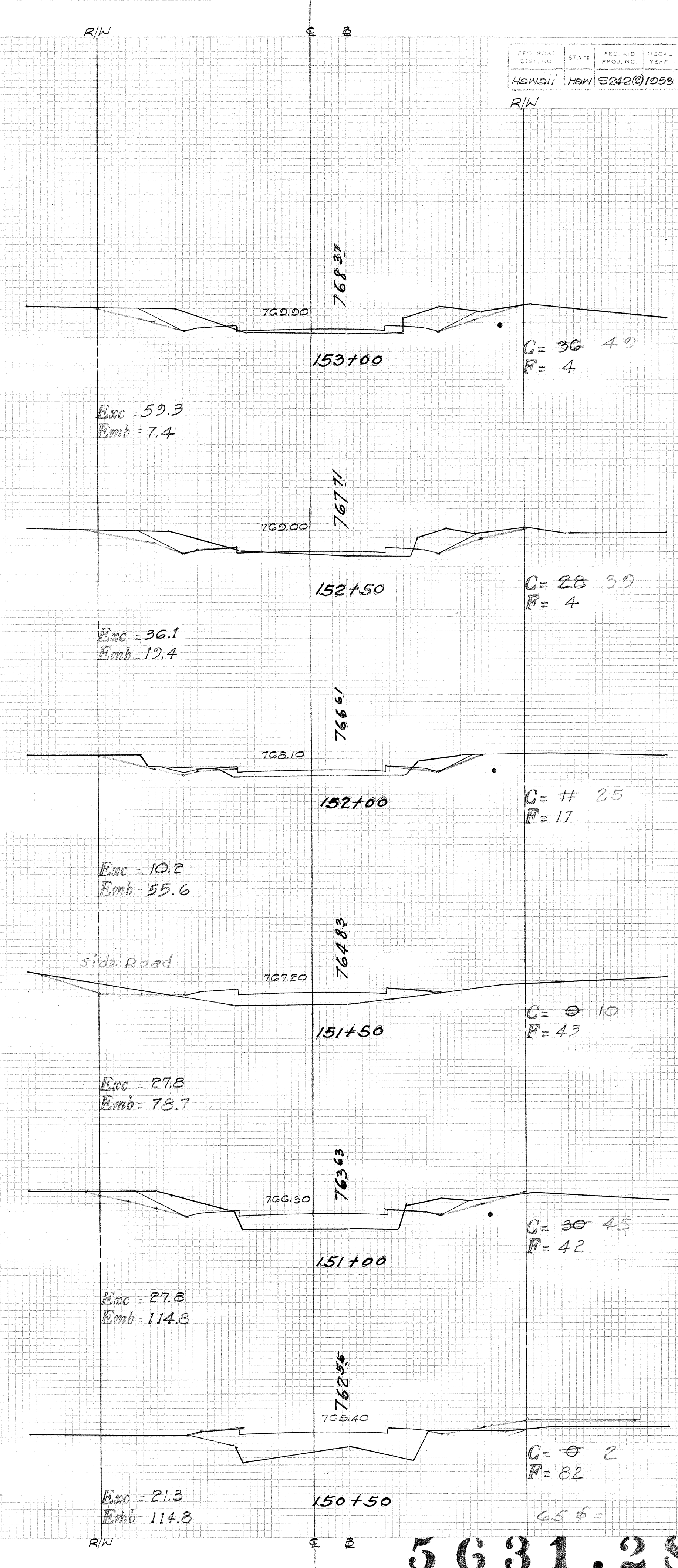
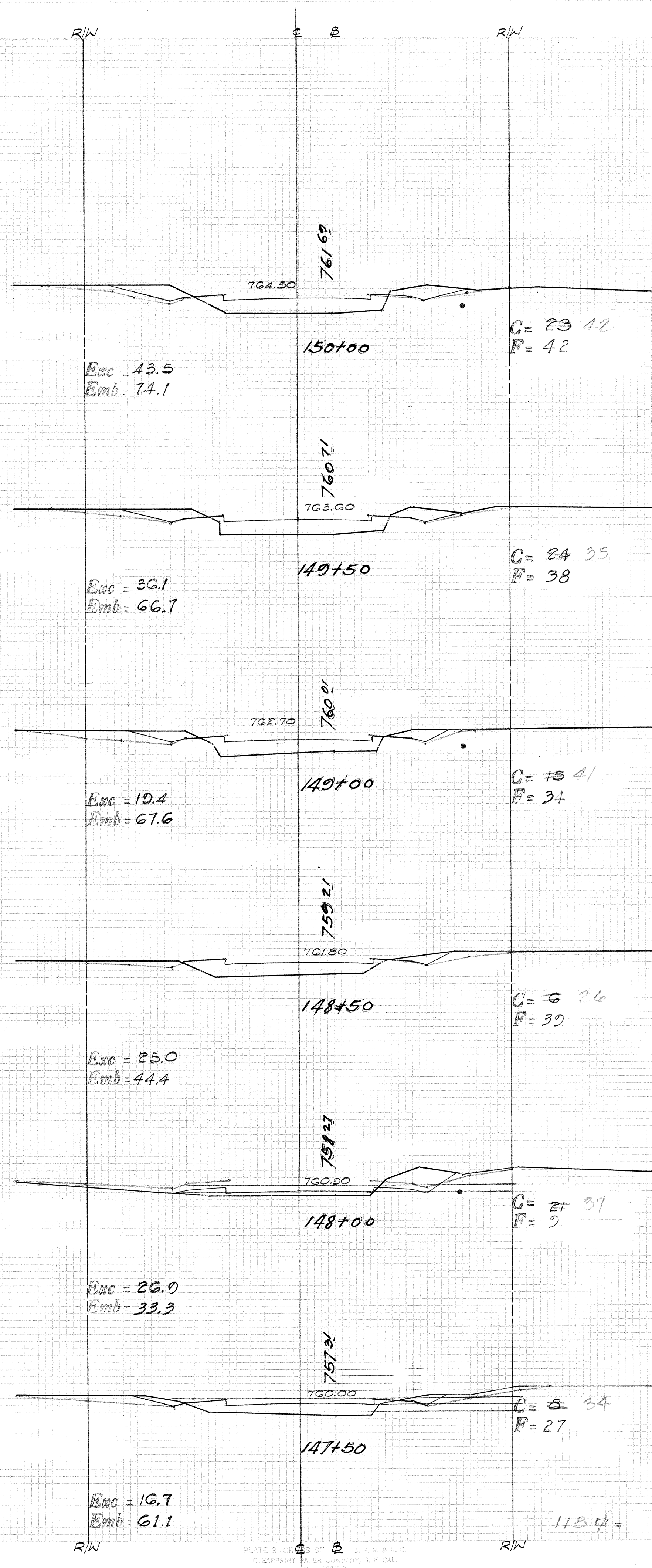
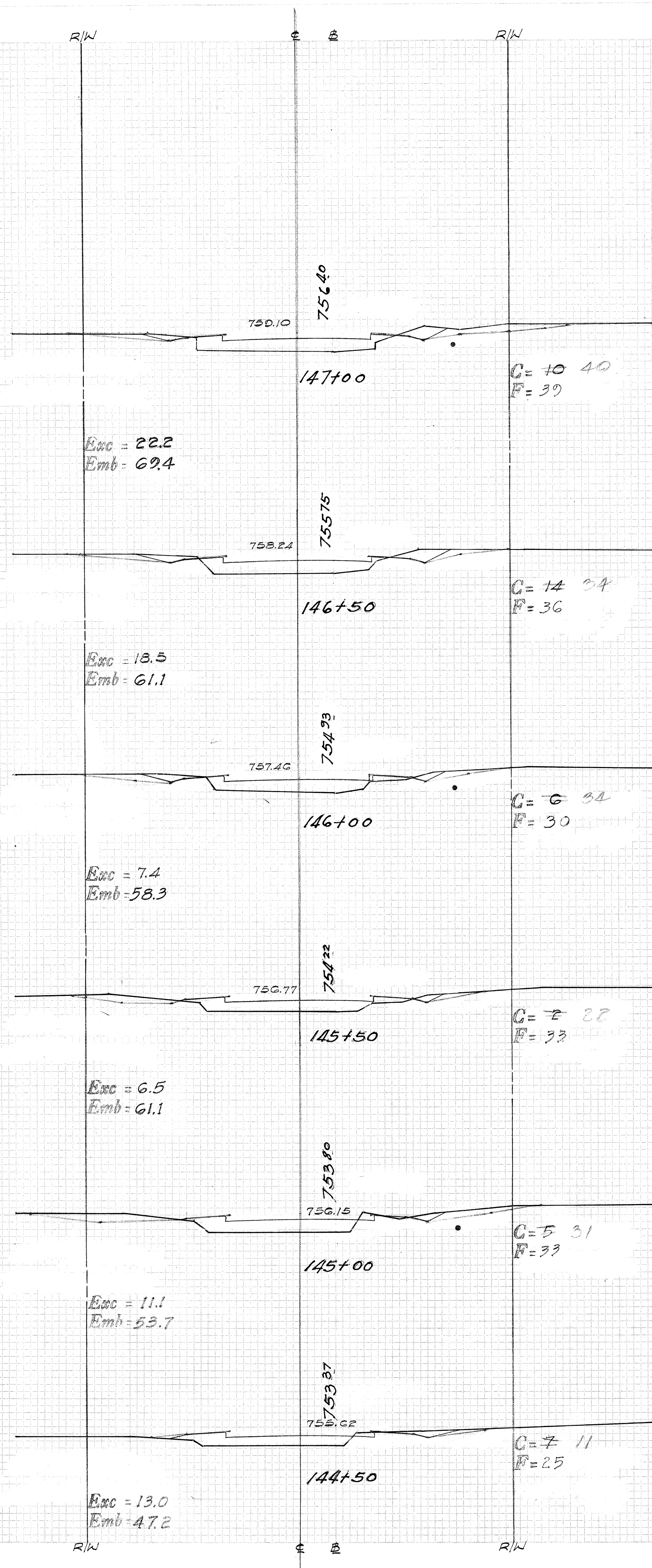
NO. 100H-5



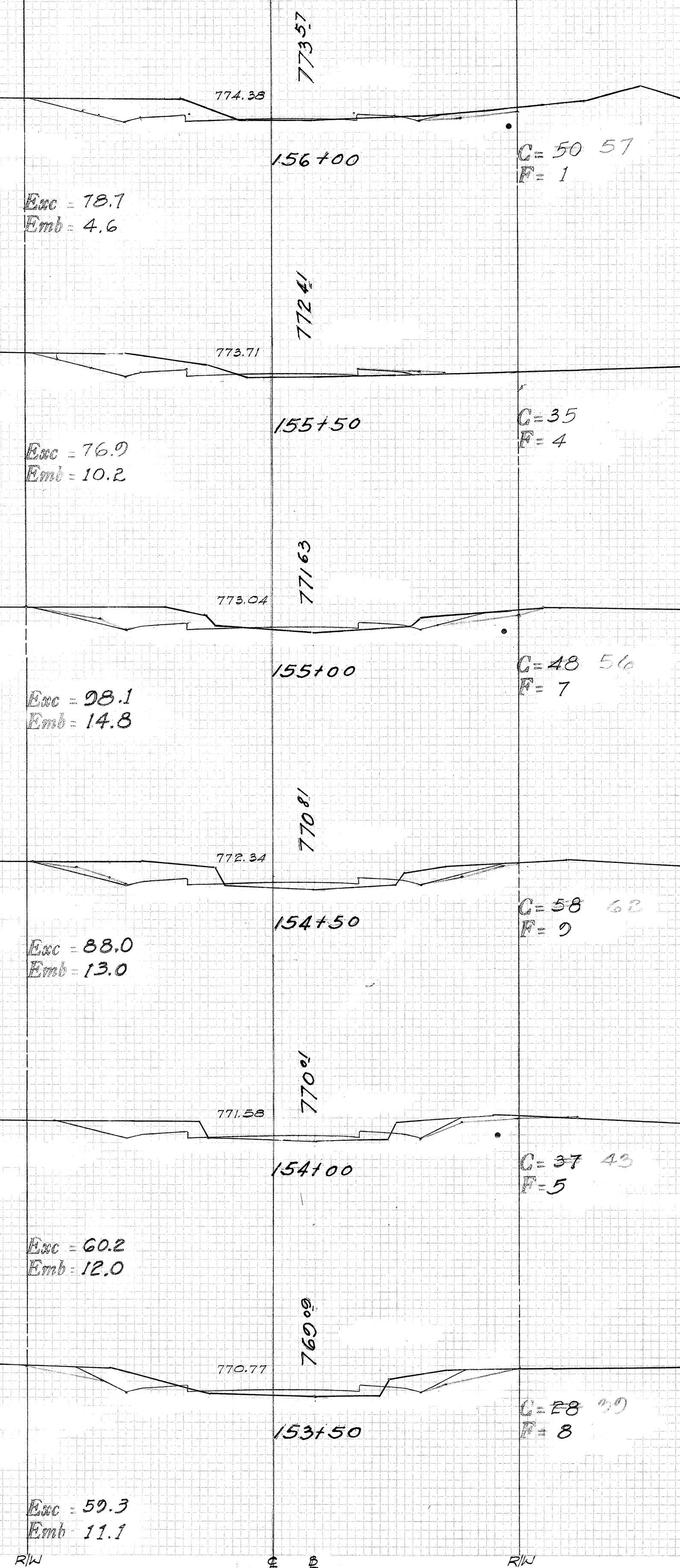


DESIGNED BY: M. Sakamoto
 CHECKED BY: [blank]
 DATE: [blank]

DATE: 7-27-72
 STATION: 144+00 TO 153+00
 SCALE: HORIZ. 1"=40' VERT. 1"=10'

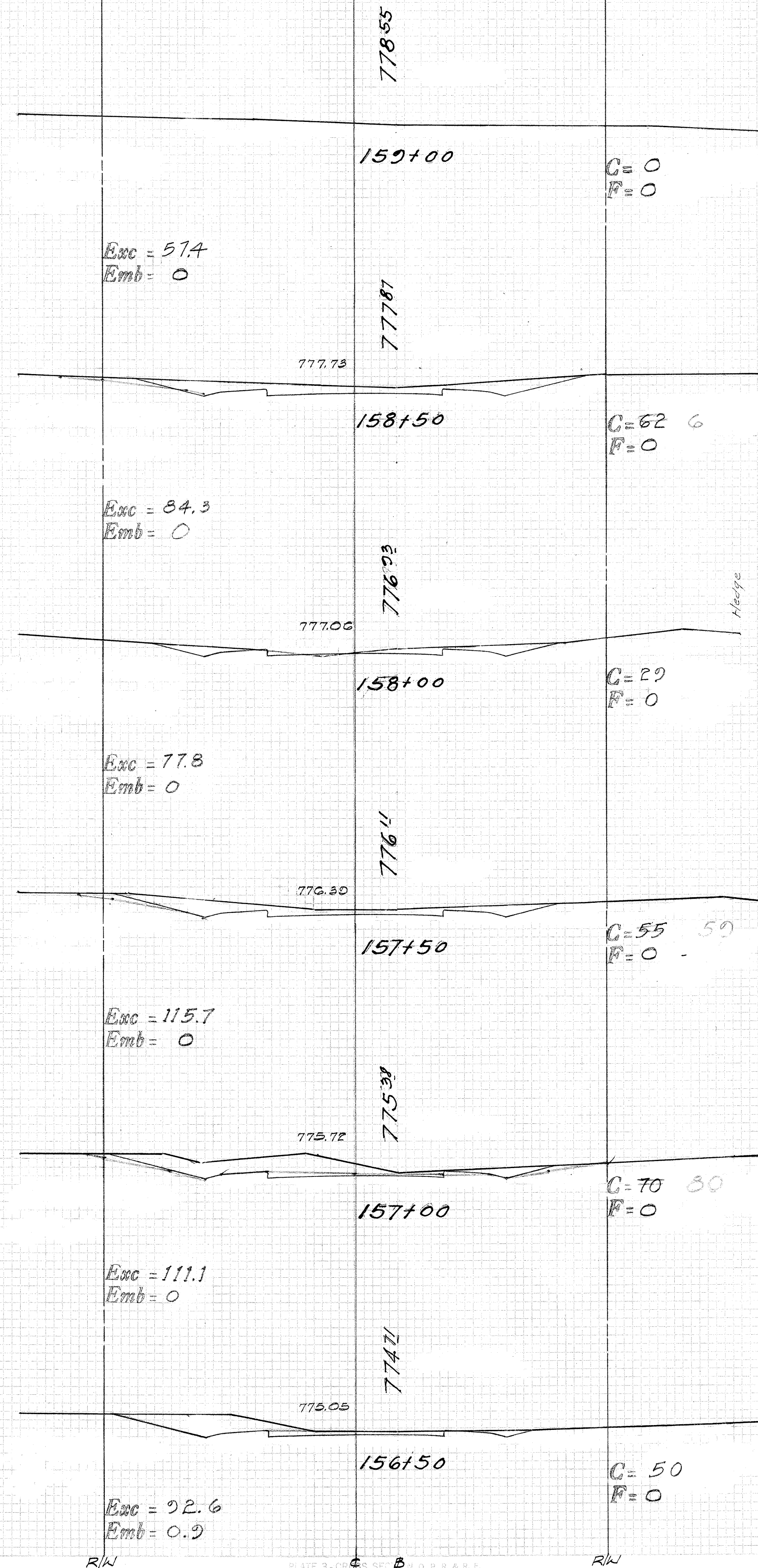


R/W C B R/W



36 4

R/W C B R/W



20 4

PLATE 3-CR-35 SET BY O. P. R. & R. E.
CLEARPRINT PAPER COMPANY, S. F. CAL.
No. 10024

5631.29