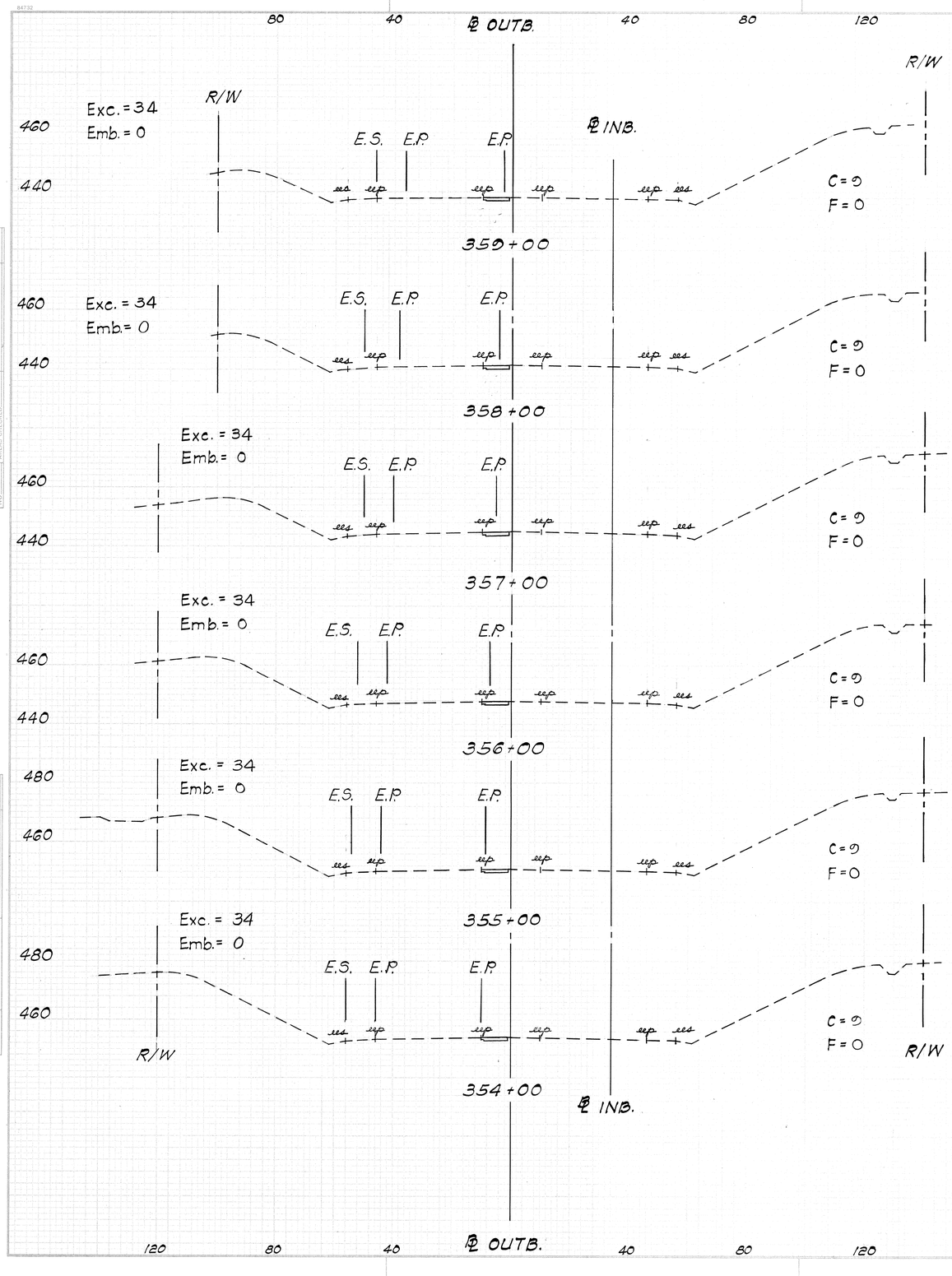
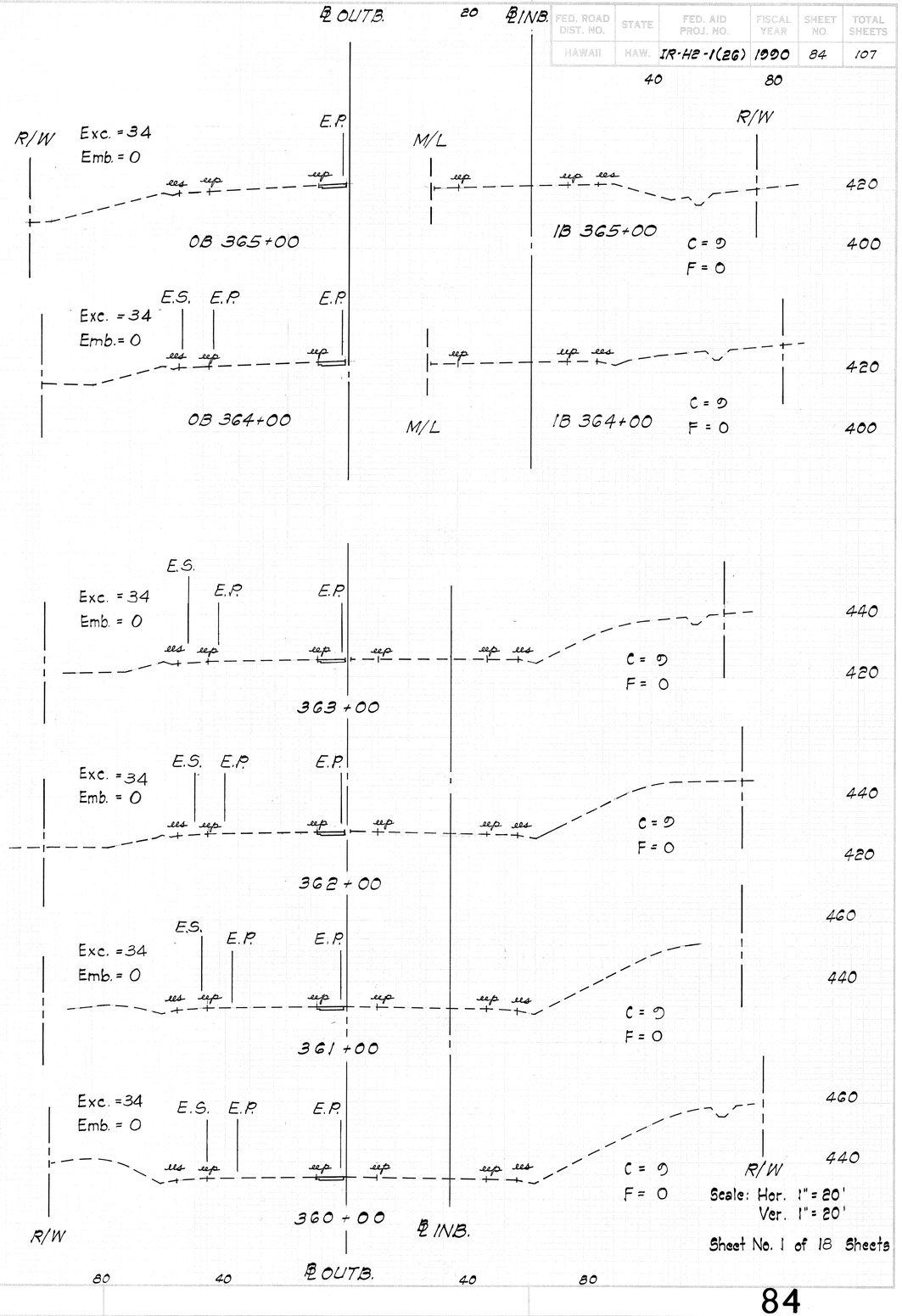
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HB-1(26)	1990	84	107





Scale: Hor. 1" = 20'
Ver. 1" = 20'

Sheet No. 1 of 18 Sheets

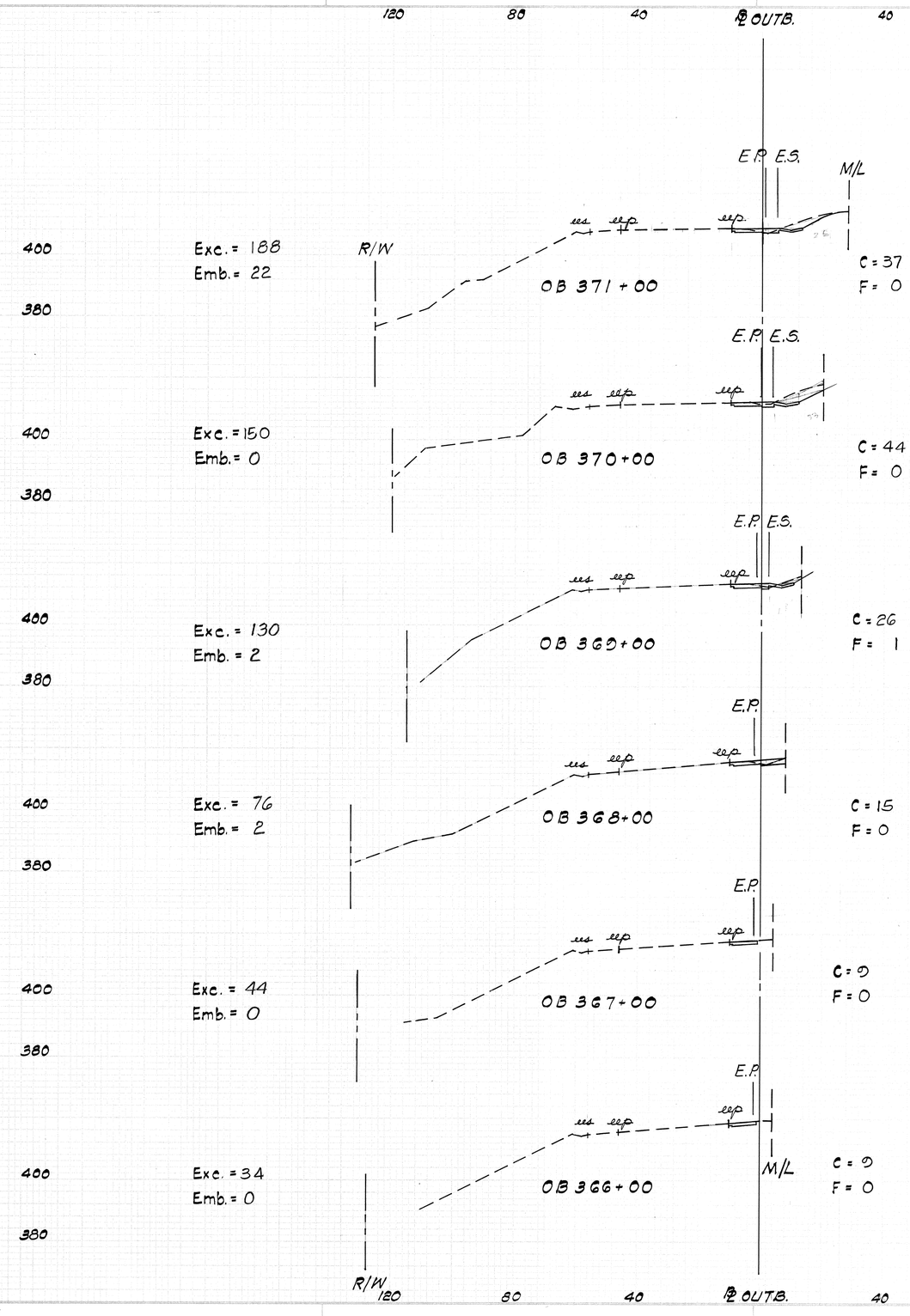
FINAL SURVEY — DATE, BY, SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK, NO.

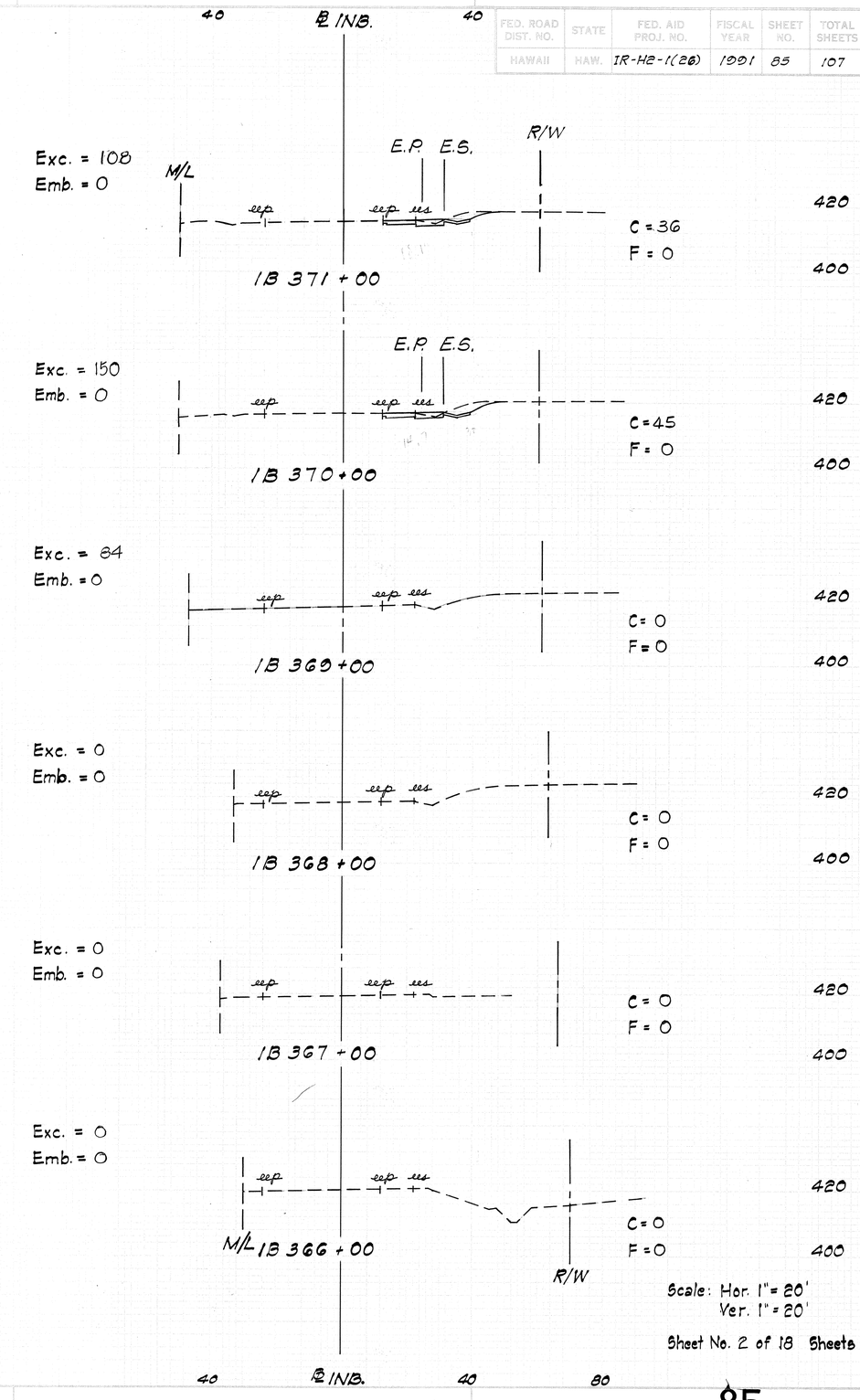
ORIGINAL SURVEY — DATE, BY, SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK, NO.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(28)	1991	85	107

FINAL SURVEY — SURVEYED, PLOTTED, NOTE BOOK, NO., TEMPLATE, AREAS, AREAS CHECKED, BY, DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, NOTE BOOK, NO., TEMPLATE, AREAS, AREAS CHECKED, BY, DATE

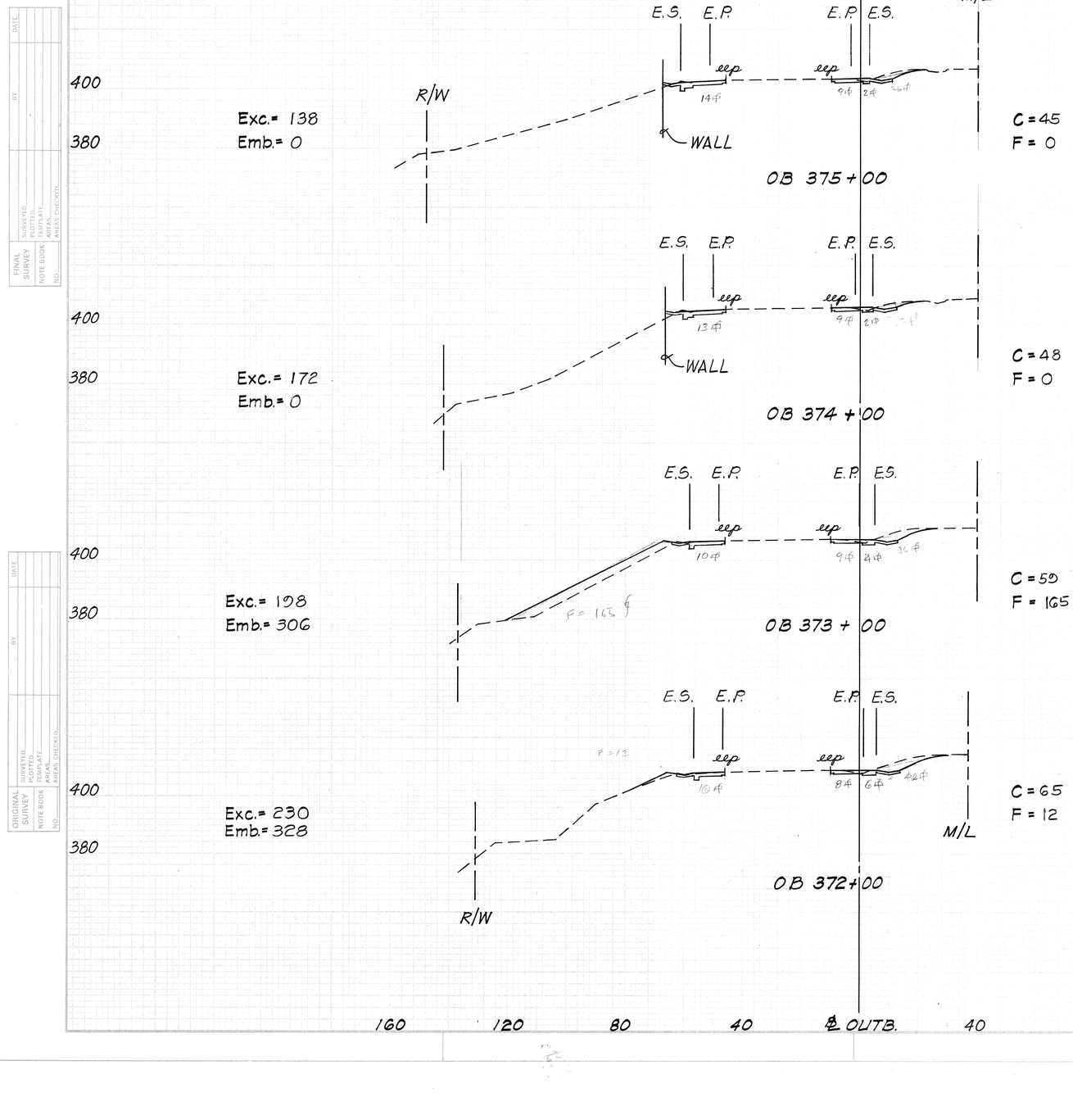


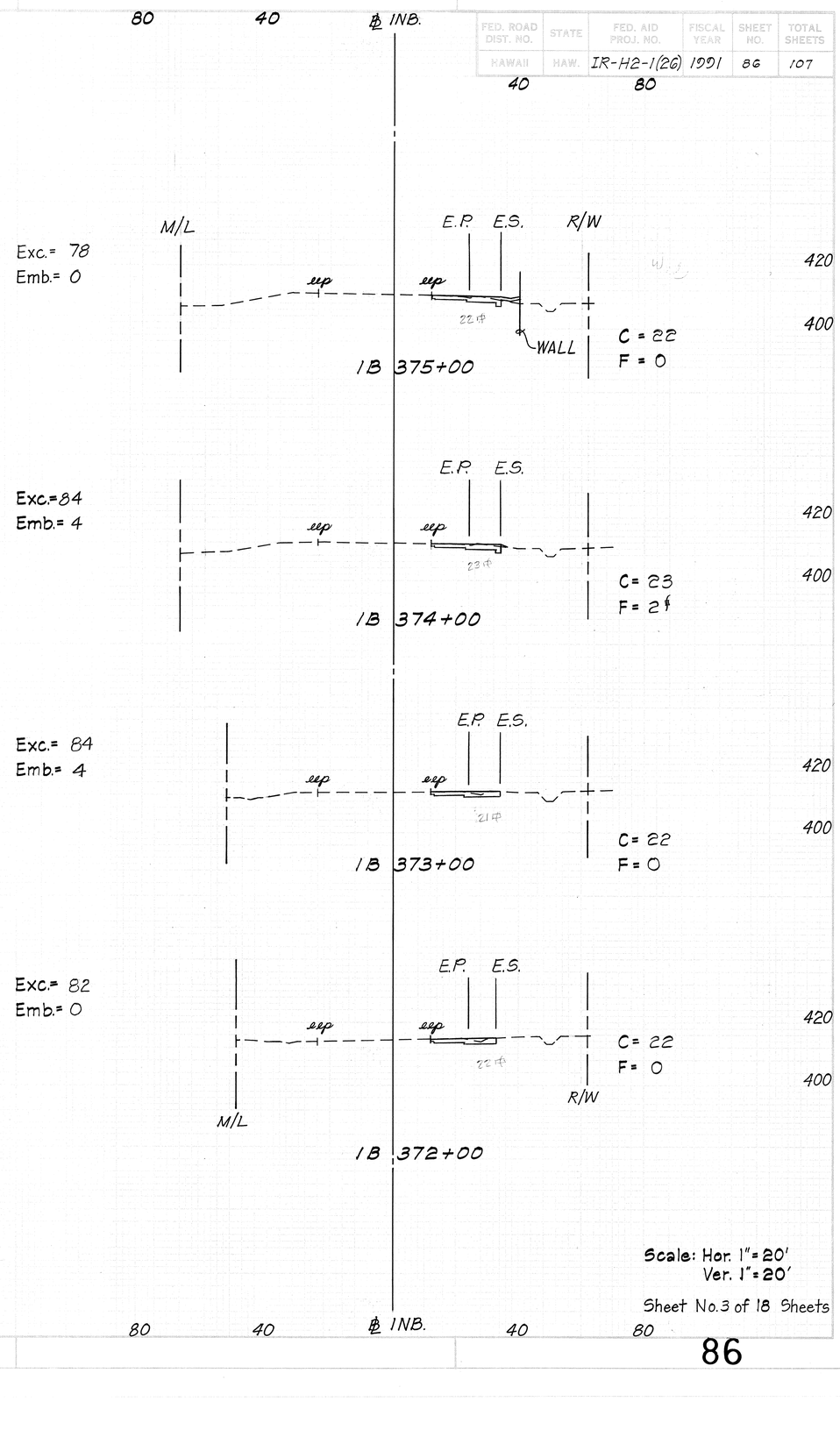


Scale: Hor. 1" = 20'
Ver. 1" = 20'

Sheet No. 2 of 18 Sheets

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(26)	1991	86	107

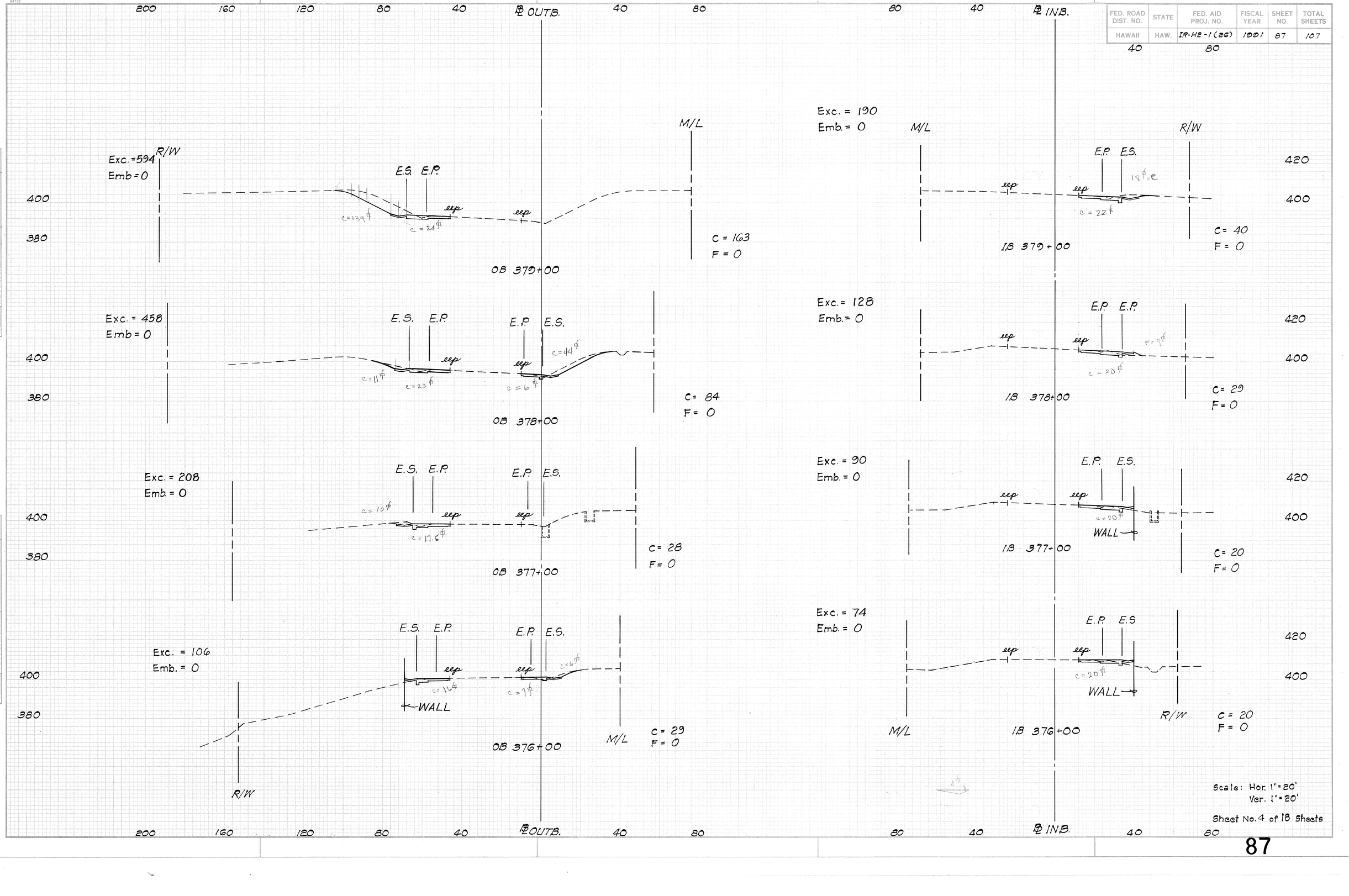




Scale: Hor. 1"=20'
Ver. 1"=20'

Sheet No.3 of 18 Sheets

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(26)	1981	87	107



Scale: Hor. 1" = 20'
Ver. 1" = 20'

Sheet No. 4 of 18 Sheets

87

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(28)	1991	88	107

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TRACED — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TRACED — AREAS — AREAS CHECKED — BY — DATE

200 160 120 80 40 ℄ OUTB. 40 80 120 80 40 ℄ INB. 40 80

R/W — Exc. = 548, Emb. = 0 — E.S. E.P. — eep ees eep — M/L — C = 145, F = 0 — OB 383+00

Exc. = 640, Emb. = 0 — E.S. E.P. — C = 201, F = 0 — OB 382+00

Exc. = 660, Emb. = 0 — E.S. E.P. — C = 155, F = 0 — OB 381+00

Exc. = 580, Emb. = 0 — E.S. E.P. — C = 158, F = 0 — OB 380+00 — M/L — R/W

Exc. = 154, Emb. = 0 — M/L — E.P. E.S. — R/W — WALL — C = 48, F = 0 — IB 383+00

Exc. = 212, Emb. = 0 — E.P. E.S. — C = 66, F = 0 — IB 382+00

Exc. = 212, Emb. = 0 — E.P. E.S. — C = 48, F = 0 — IB 381+00

Exc. = 206, Emb. = 0 — E.P. E.S. — C = 63, F = 0 — IB 380+00 — M/L — R/W

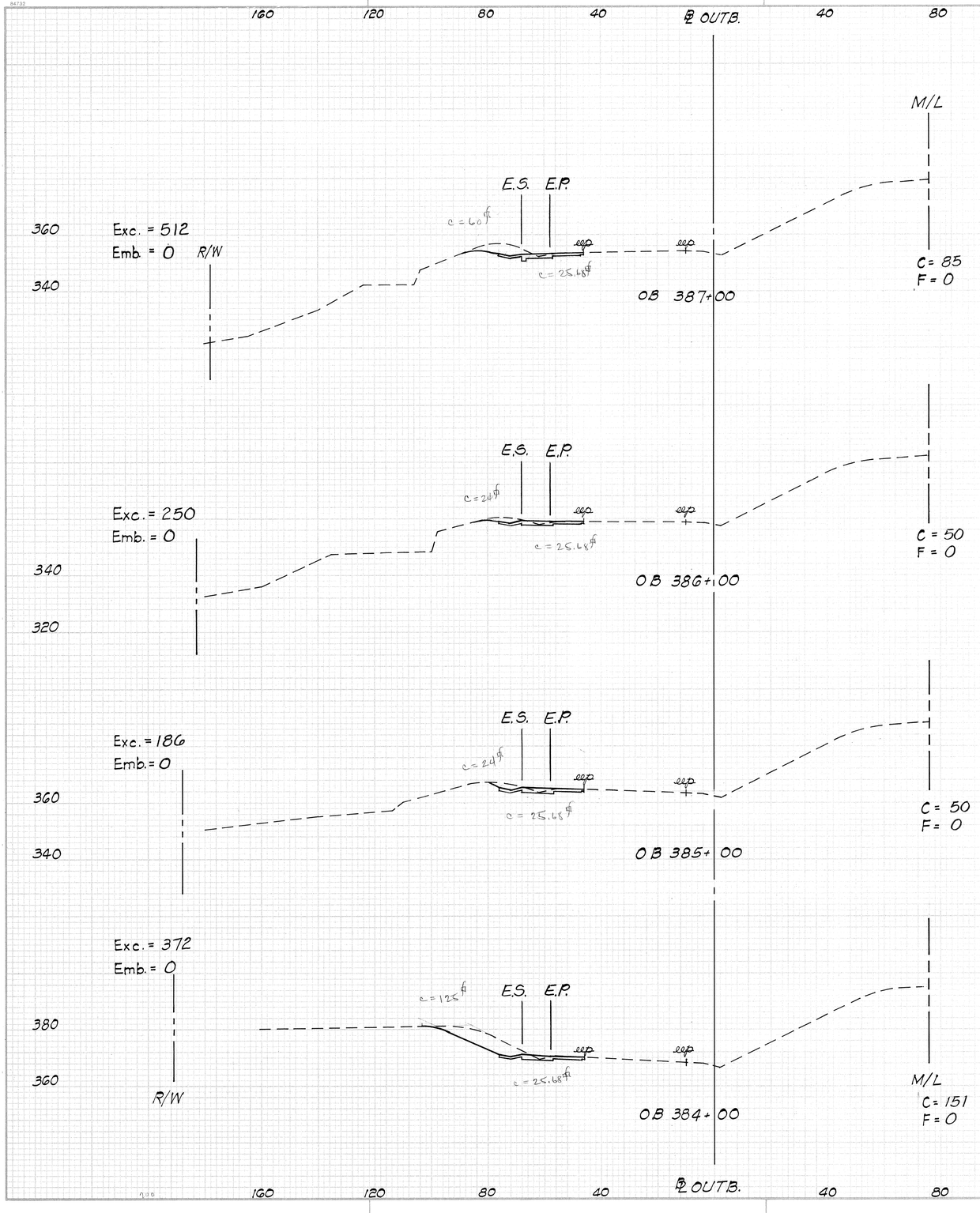
400 420 380

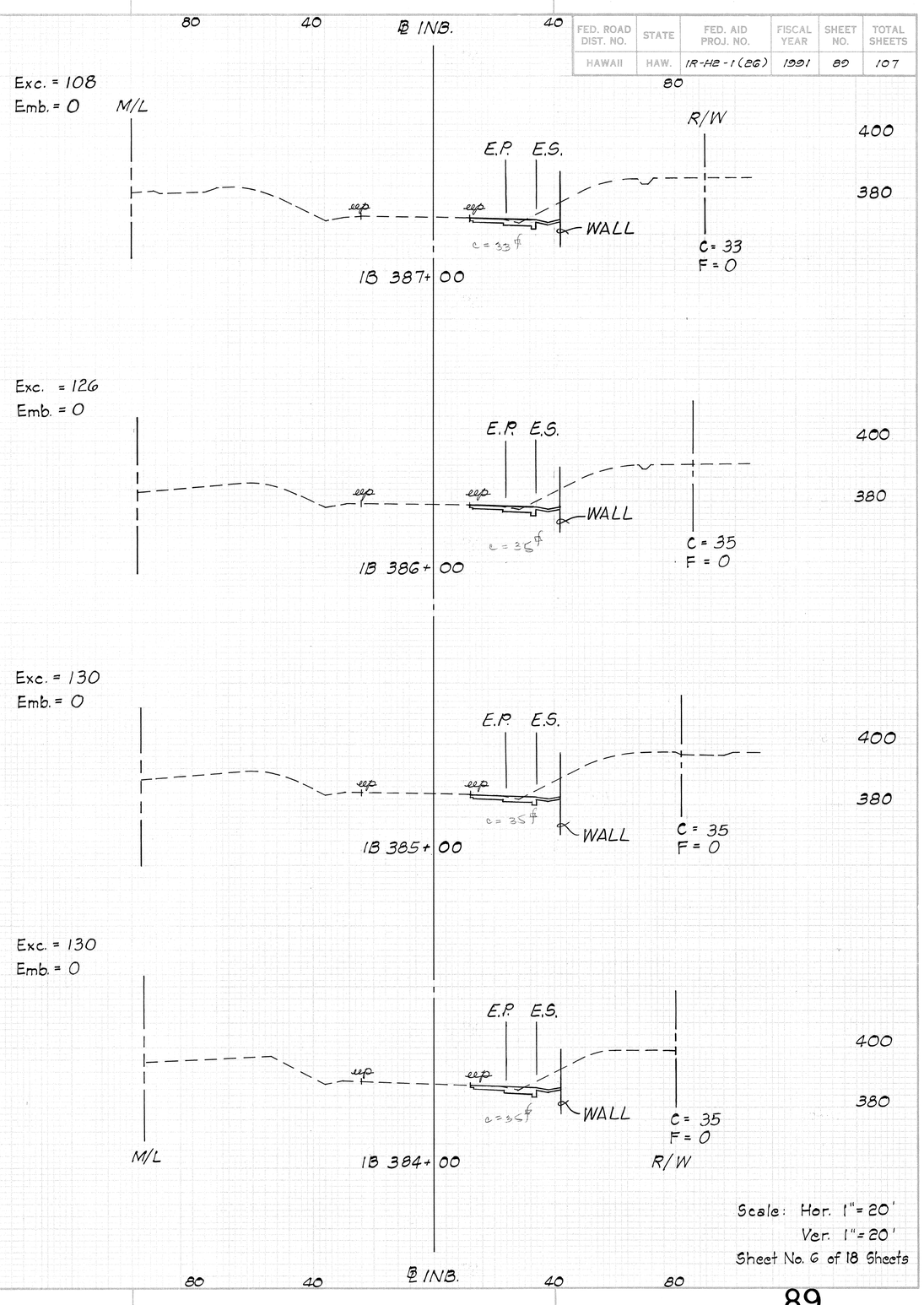
Scale: Hor. 1" = 20'
Ver. 1" = 20'

Sheet No. 5 of 18 Sheets

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(26)	1991	89	107

84732



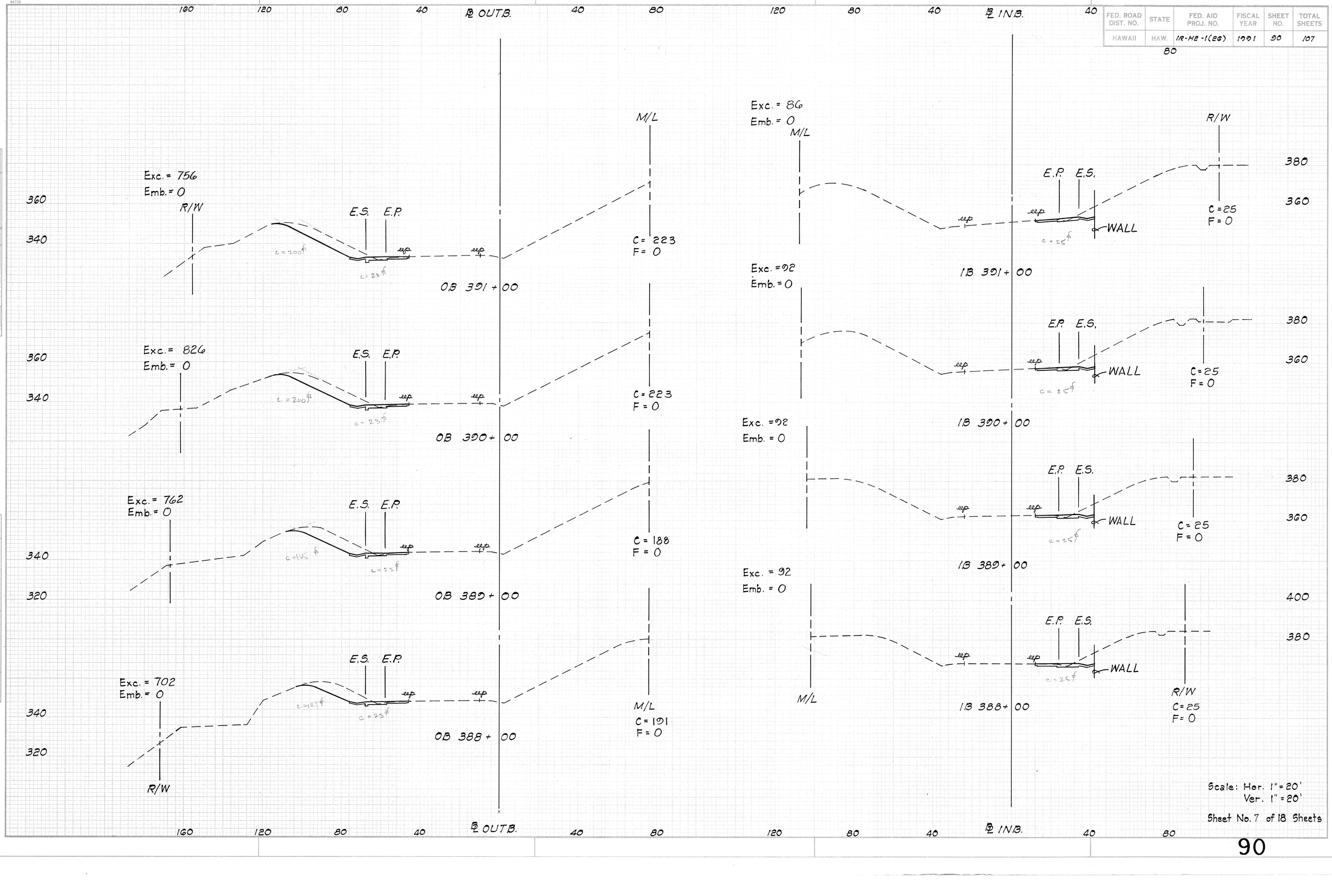


Scale: Hor. 1" = 20'
Ver. 1" = 20'
Sheet No. 6 of 18 Sheets

89

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HE-1(26)	1991	90	107

84732



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(26)	1991	91	107

FINAL SURVEY — SURVEYED, PLOTTED, TRACED, AREAS, AREAS CHECKED, NOTE BOOK, NO., BY, DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, TRACED, AREAS, AREAS CHECKED, NOTE BOOK, NO., BY, DATE

160 120 80 40 ℄ OUTB. 40 80 80 40 ℄ INB. 40 80 120

300 280 320 300 340 320 380 360 380 360 380 360

R/W — Exc. = 112, Emb. = 0 — E.S. E.P. WALL — C=27 F — M/L — C = 27, F = 0

OB 305 + 00

R/W — Exc. = 112, Emb. = 142 — E.S. E.P. F=77 C=6 C=28 — C = 34, F = 77

OB 304 + 00 Ah. = OB 303 + 83.88 Bk.

Exc. = 213, Emb. = 120 — E.S. E.P. 76 C=27 — C = 103, F = 0

OB 303 + 00

Exc. = 534, Emb. = 0 — E.S. E.P. 158 27 — M/L — C = 185, F = 0

R/W

OB 302 + 00

Exc. = 70, Emb. = 0 — M/L — E.P. E.S. WALL 22 — R/W — C = 22, F = 0

IB 305 + 00

Exc. = 78, Emb. = 0 — E.P. E.S. WALL 29 — C = 20, F = 0

IB 304 + 00

Exc. = 78, Emb. = 0 — E.P. E.S. WALL 22 — C = 22, F = 0

IB 303 + 00

Exc. = 80, Emb. = 0 — E.P. E.S. WALL 21 — R/W — C = 21, F = 0

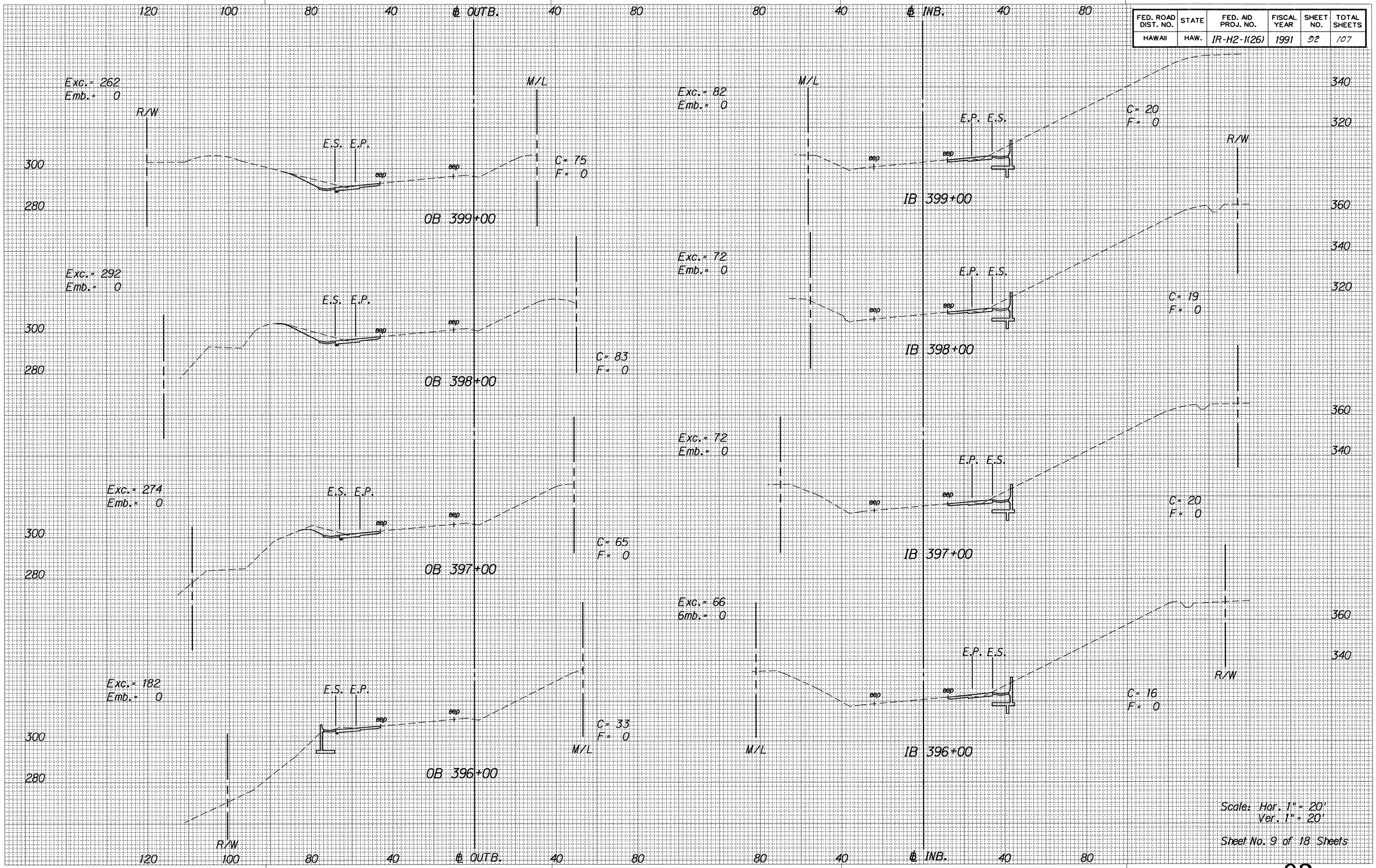
M/L

IB 302 + 00

Scale: Hor. 1" = 20'
Ver. 1" = 20'

Sheet No. 8 of 18 Sheets

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(26)	1991	02	107



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
NOTE BOOK	TRACED BY	
	DESIGNED BY	
	QUANTITIES BY	
No.	CHECKED BY	

Scale: Hor. 1" = 20'
Ver. 1" = 20'

Sheet No. 9 of 18 Sheets

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(26)	1991	93	107

84732

160 120 80 40 ℄ OUTB. 40

40 ℄ INB. 40 80 120

260 240 280 260 280 260 300 280

340 320 340 320 360 340 360 340

R/W Exc. = 74 Emb. = 0

E.S. E.P. WALL c = 18'

M/L C = 18 F = 0

OB 403+00

Exc. = 78 Emb. = 122

E.S. E.P. F = 66' c = 24'

OB 402+00 C = 24 F = 66'

Exc. = 168 Emb. = 122

E.S. E.P. c = 44' c = 23'

OB 401+00 C = 67 F = 0

Exc. = 248 Emb. = 0

E.S. E.P. c = 44' c = 23'

R/W

OB 400+00 C = 67 F = 0 M/L

M/L Exc. = 86 Emb. = 0

E.P. E.S. c = 25'

WALL

1B 403+00

R/W C = 25 F =

Exc. = 92 Emb. = 0

E.P. E.S. c = 25'

WALL

1B 402+00

C = 25 F

Exc. = 90 Emb. = 0

E.P. E.S. c = 24'

WALL

1B 401+00

C = 24 F =

Exc. = 88 Emb. = 0

E.P. E.S. c = 24'

WALL

1B 400+00

M/L

R/W C = 24 F =

Scale: Hor. 1" = 20'
Ver. 1" = 20'

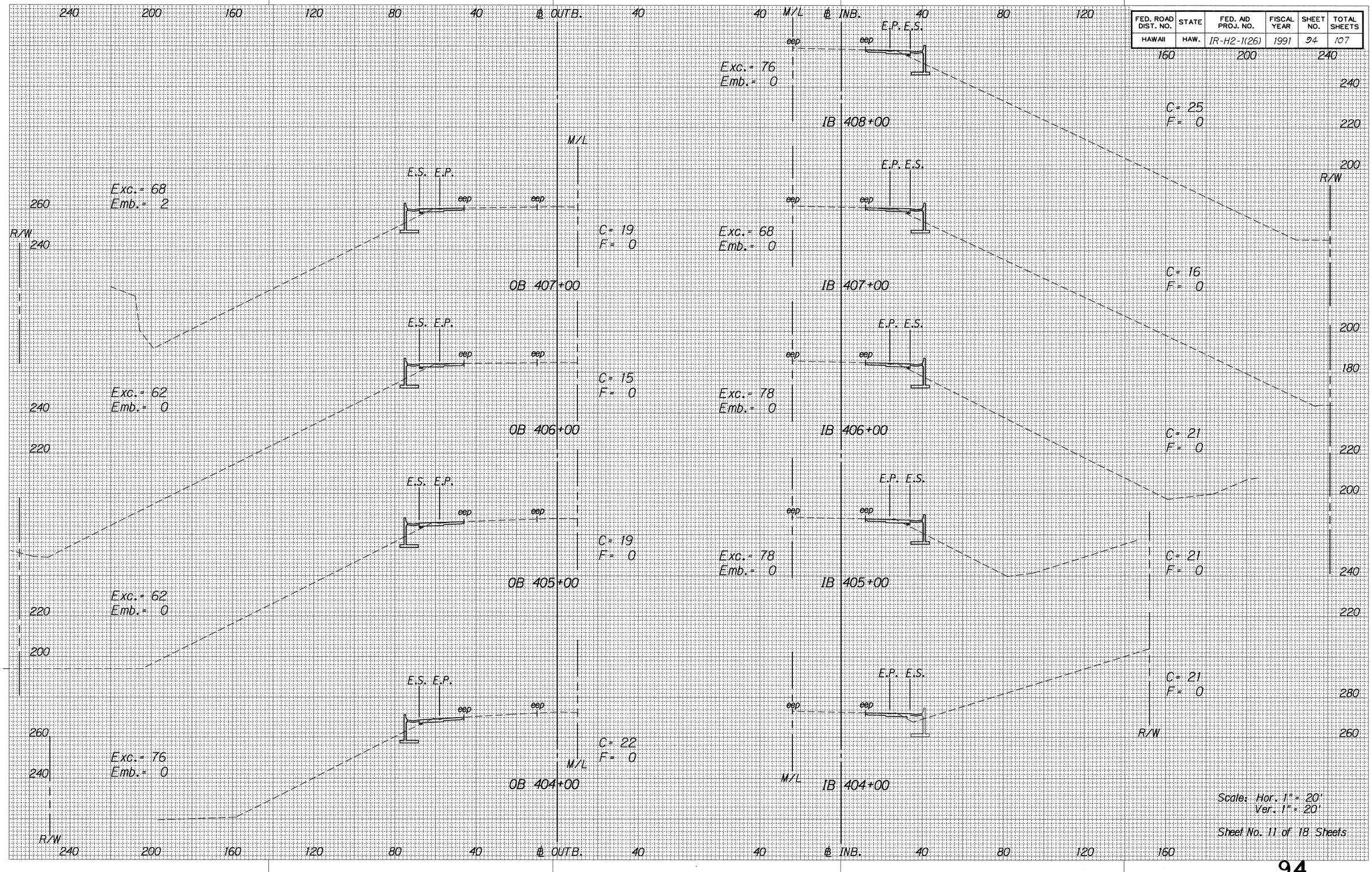
Sheet No. 10 of 18 Sheets

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FINAL SURVEY — SURVEYED, PLOTTED, TRACED, AREAS, AREAS CHECKED, NOTE BOOK, NO., BY, DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, TRACED, AREAS, AREAS CHECKED, NOTE BOOK, NO., BY, DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(26)	1991	94	107



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	TRACED BY	
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
No.	CHECKED BY	

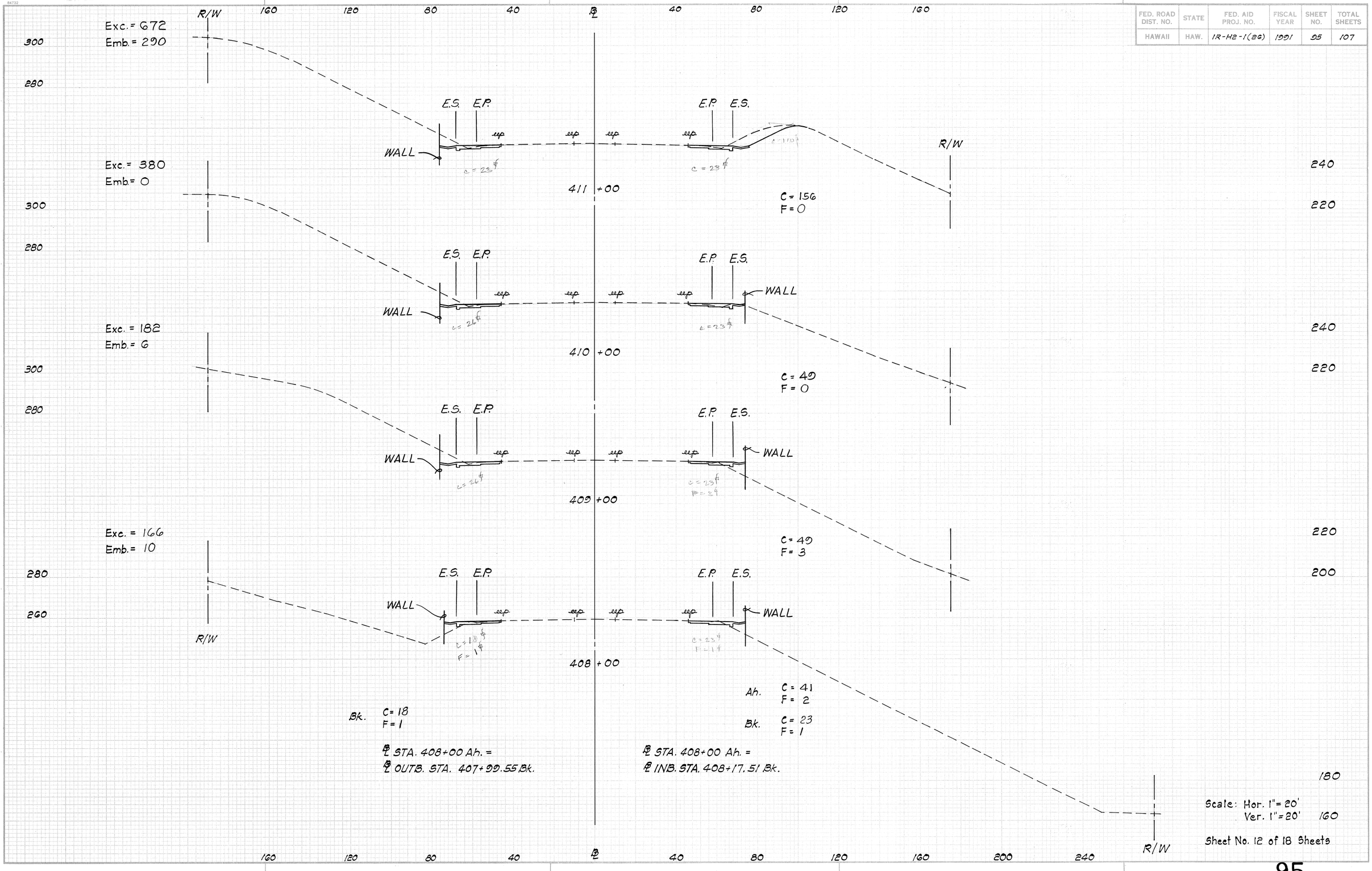
Scale: Hor. 1" = 20'
Ver. 1" = 20'

Sheet No. 11 of 18 Sheets

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(26)	1991	95	107

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TRACED — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TRACED — AREAS — AREAS CHECKED — BY — DATE



Scale: Hor. 1" = 20'
Ver. 1" = 20'

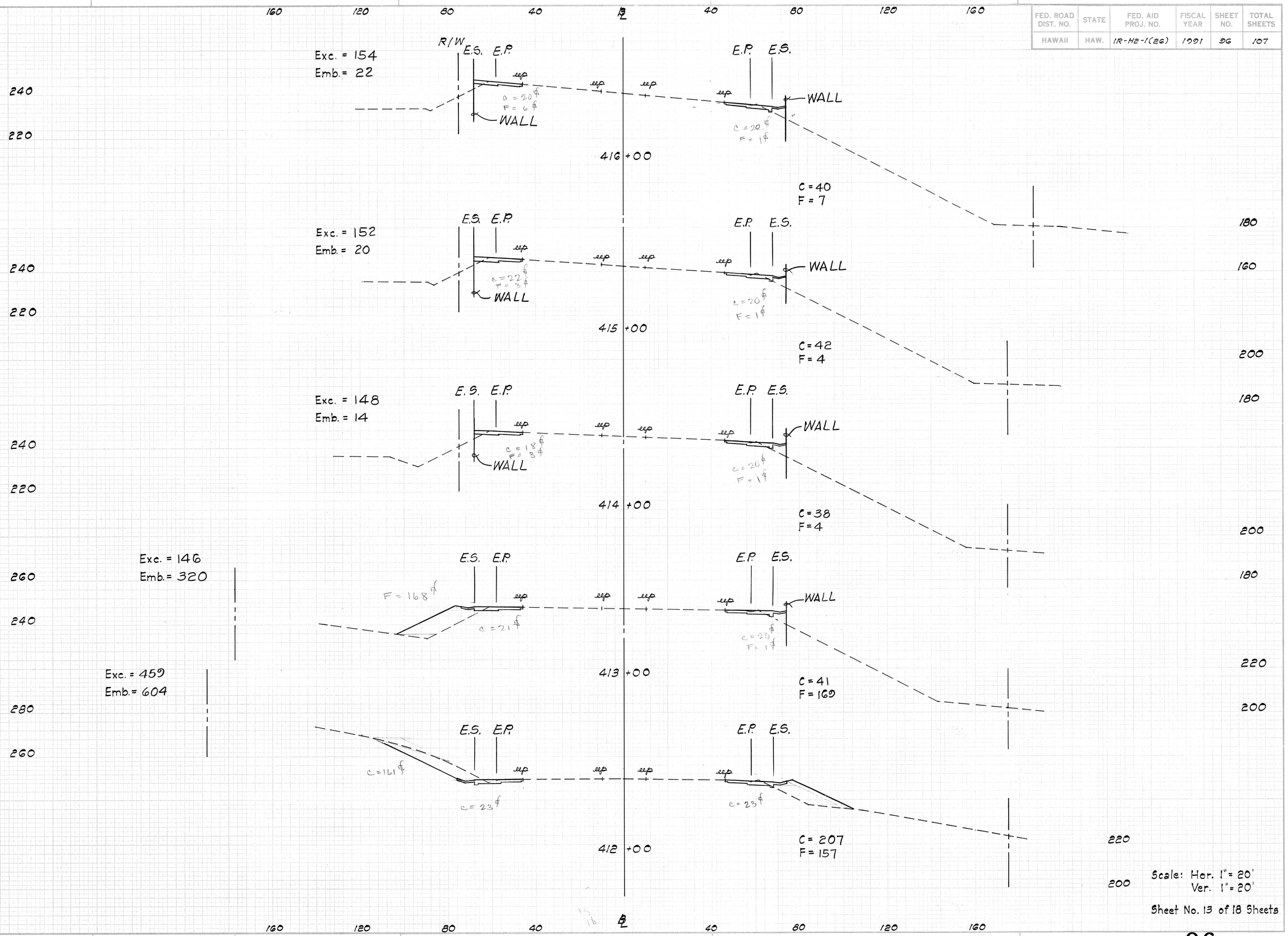
Sheet No. 12 of 18 Sheets

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(26)	1991	96	107

84732

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TRACED — AREAS — AREAS CHECKED — BY — DATE

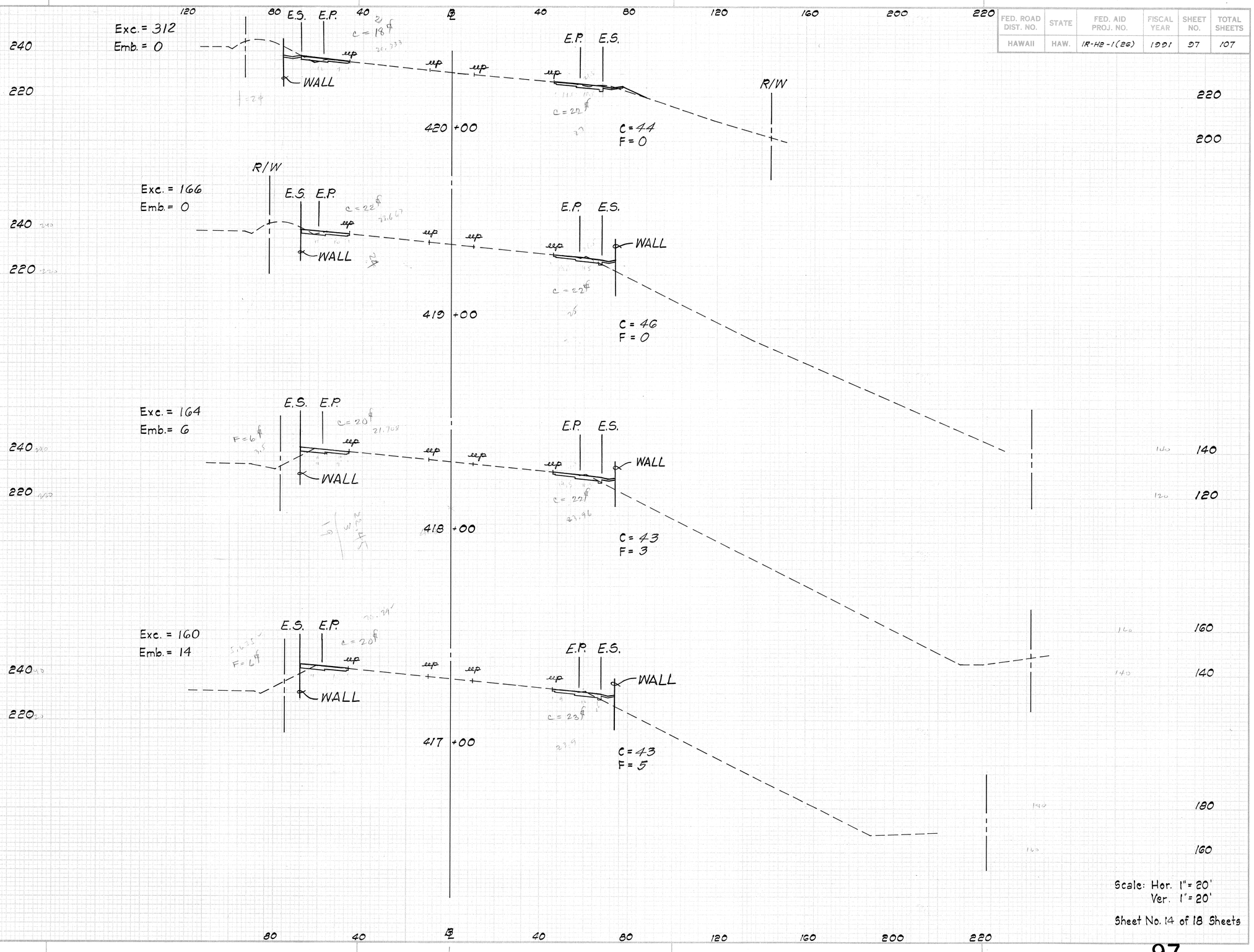
ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TRACED — AREAS — AREAS CHECKED — BY — DATE



Scale: Hor. 1" = 20'
Ver. 1" = 20'

Sheet No. 13 of 18 Sheets

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(26)	1991	97	107



Scale: Hor. 1" = 20'
Ver. 1" = 20'

Sheet No. 14 of 18 Sheets

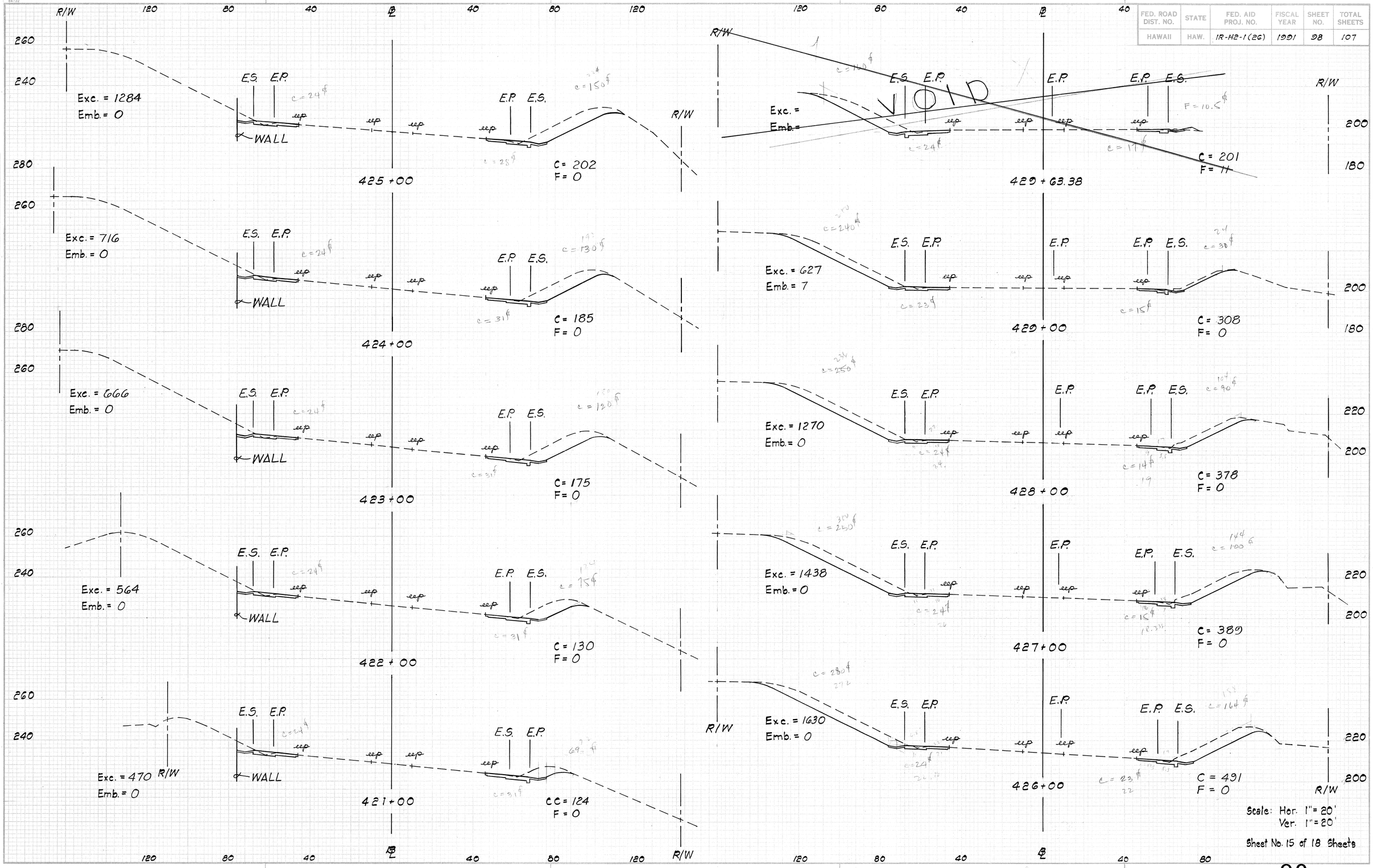
97

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(26)	1991	98	107

84732

FINAL SURVEY — SURVEYED, PLOTTED, FIELD BOOK, NOTE BOOK, AREAS, AREAS CHECKED, NO., BY, DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, FIELD BOOK, NOTE BOOK, AREAS, AREAS CHECKED, NO., BY, DATE



Scale: Hor. 1" = 20'
Ver. 1" = 20'

Sheet No. 15 of 18 Sheets

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(26)	1981	90	107

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TRACED — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TRACED — AREAS — AREAS CHECKED — BY — DATE

84732

80 40 ℄ 40 80 120

R/W Line 172'

OUTB.

℄ INB.

Ramp H2-I

Exc. = 142
Emb. = 1018
E.S. E.P. E.P. E.P.
F = 268 c = 24 c = 14
C = 38
F = 268
434 + 00

Exc. = 134
Emb. = 1226
E.S. E.P. E.P. E.P.
F = 394 c = 22 c = 12
C = 34
F = 394
433 + 00

Exc. = 142
Emb. = 1468
E.S. E.P. E.P. E.P. E.S.
F = 291 c = 22 c = 9 c = 12
C = 43
F = 291
432 + 00

Exc. = 162
Emb. = 740
E.S. E.P. E.P. E.P. E.S.
F = 109 c = 22 c = 9 c = 13 F = 86
C = 44
F = 109
431 + 00

Exc. = 500
Emb. = 212
E.S. E.P. E.P. E.P. E.S.
C = 174 c = 24 c = 9 F = 6
430 + 00 Ahead =
429 + 63.38 Back
C = 226
F = 6

R/W Line 172'

R/W

R/W Line 172'

E.S. E.P. E.P.
Exc. = 150
Emb. = 1,322
F = 385 c = 22 c = 22
C = 44
F = 385
439 + 00

ES E.P. E.P.
Exc. = 162
Emb. = 1446
c = 22 c = 22
C = 44
F = 396
F = 396
438 + 00

E.S. E.P. E.P.
Exc. = 160
Emb. = 1296
F = 304 c = 22 c = 20
C = 42
F = 304
437 + 00

E.S. E.P. E.P.
Exc. = 152
Emb. = 1022
F = 248 c = 22 c = 18
C = 40
F = 248
436 + 00

E.S. E.P. E.P.
Exc. = 146
Emb. = 982
F = 282 c = 22 c = 17
C = 39
F = 282
435 + 00

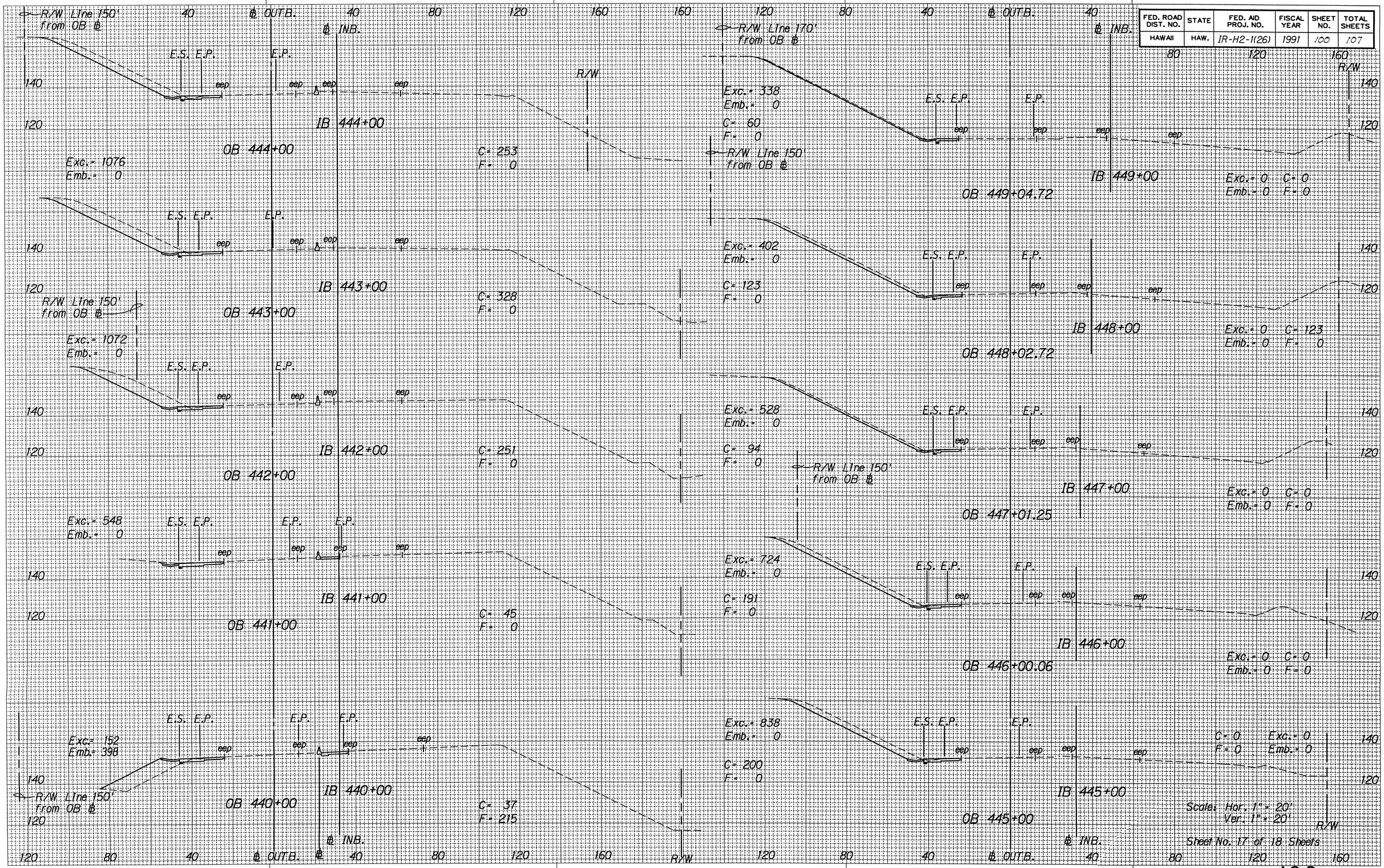
Scale: Hor. 1" = 20'
Ver. 1" = 20'

Sheet No. 16 of 18 Sheets

R/W

180 160 200 220 140 120

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(26)	1991	100	107



ORIGINAL PLAN

NOTE BOOK No.

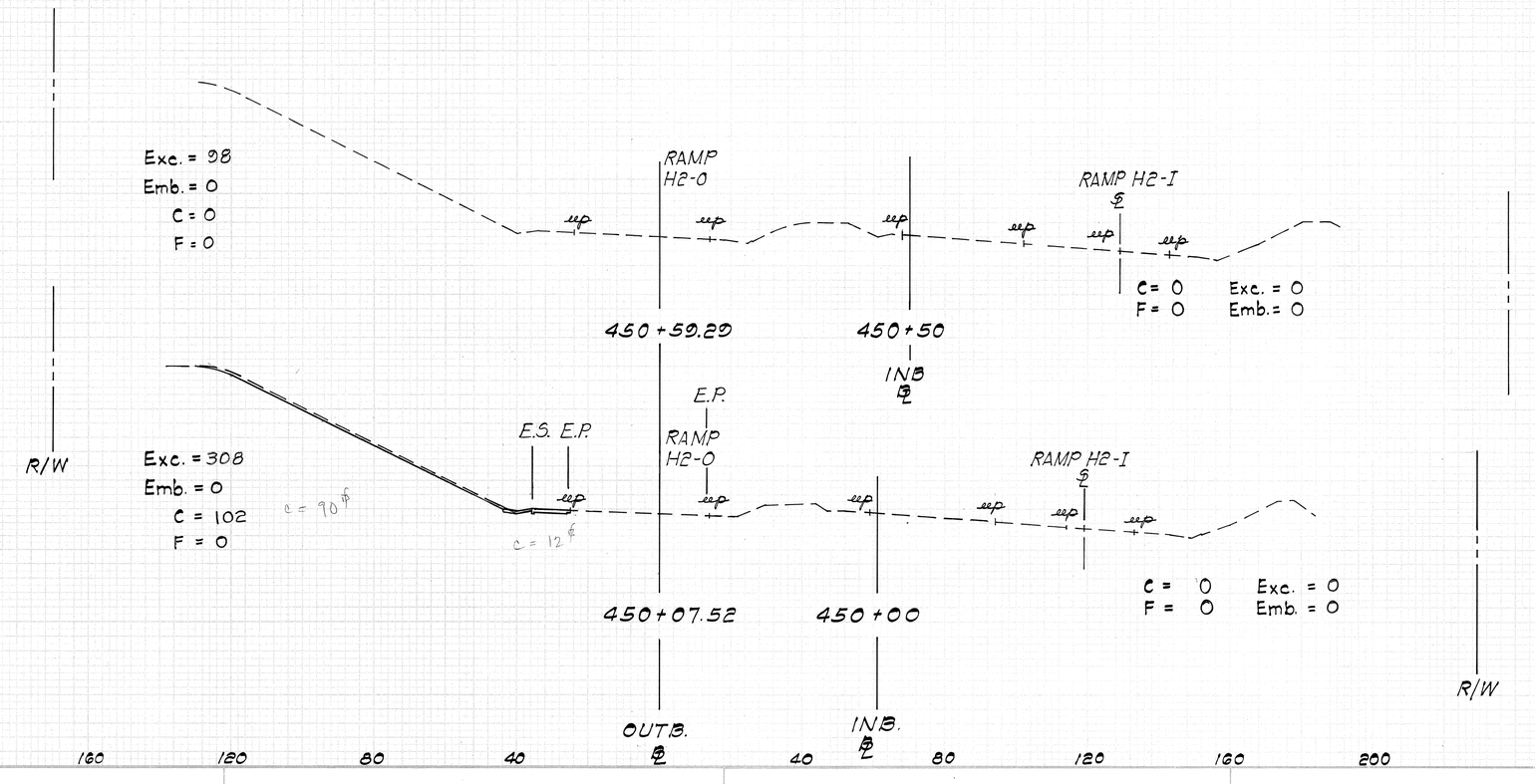
SURVEY PLOTTED BY DATE
DRAWN BY
TRACED BY
DESIGNED BY
QUANTITIES BY
CHECKED BY

84732

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(23)	1991	101	107

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE



Scale: Hor. 1" = 20'
Ver. 1" = 20'

Sheet No. 18 of 18 Sheets

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