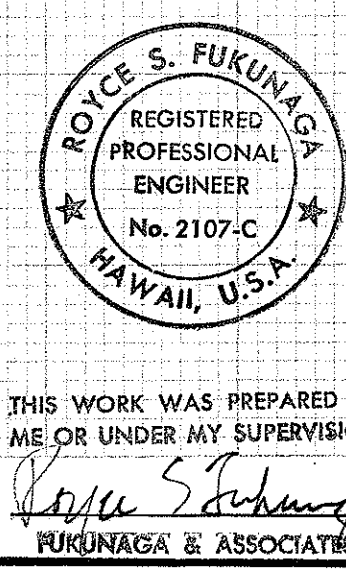
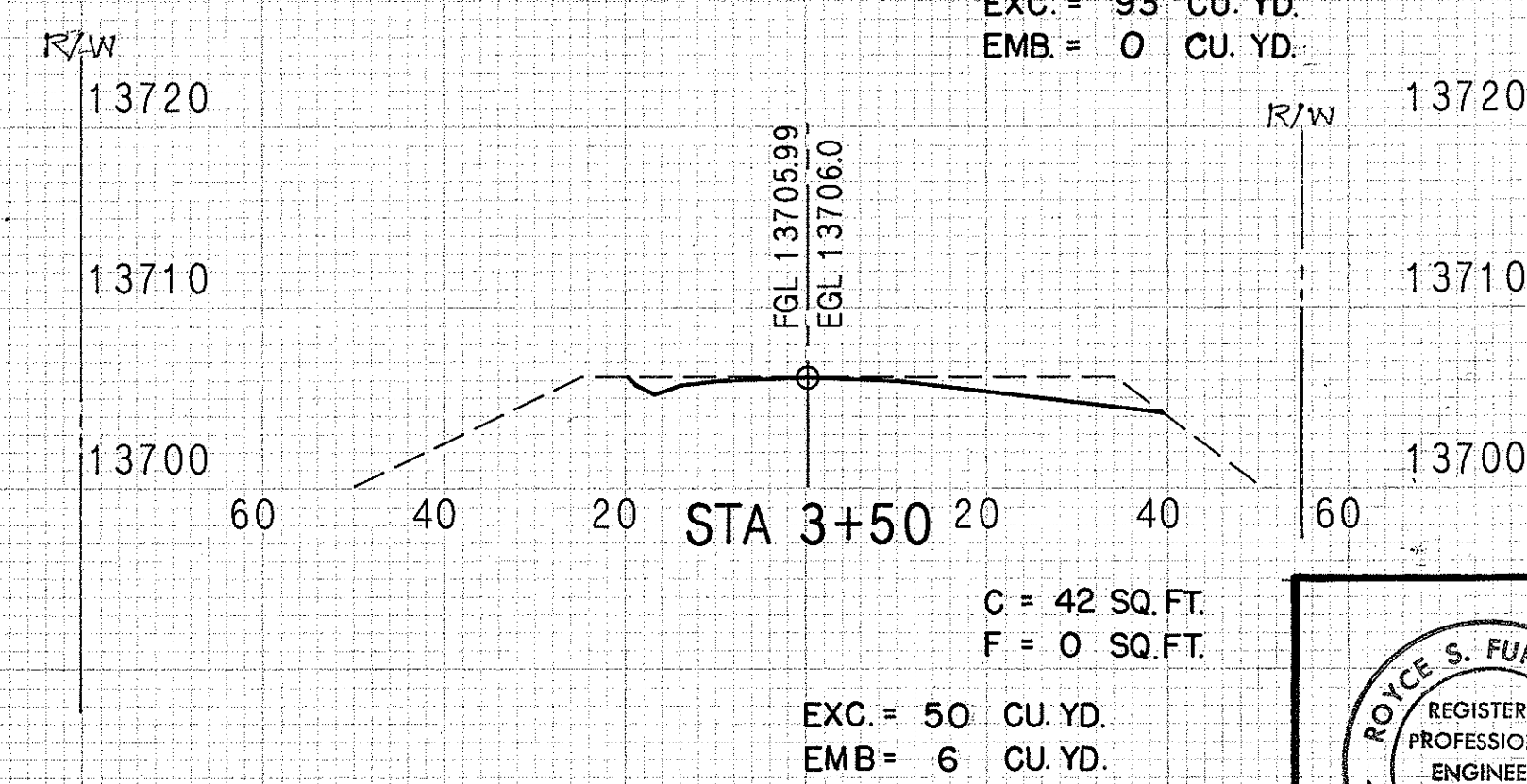
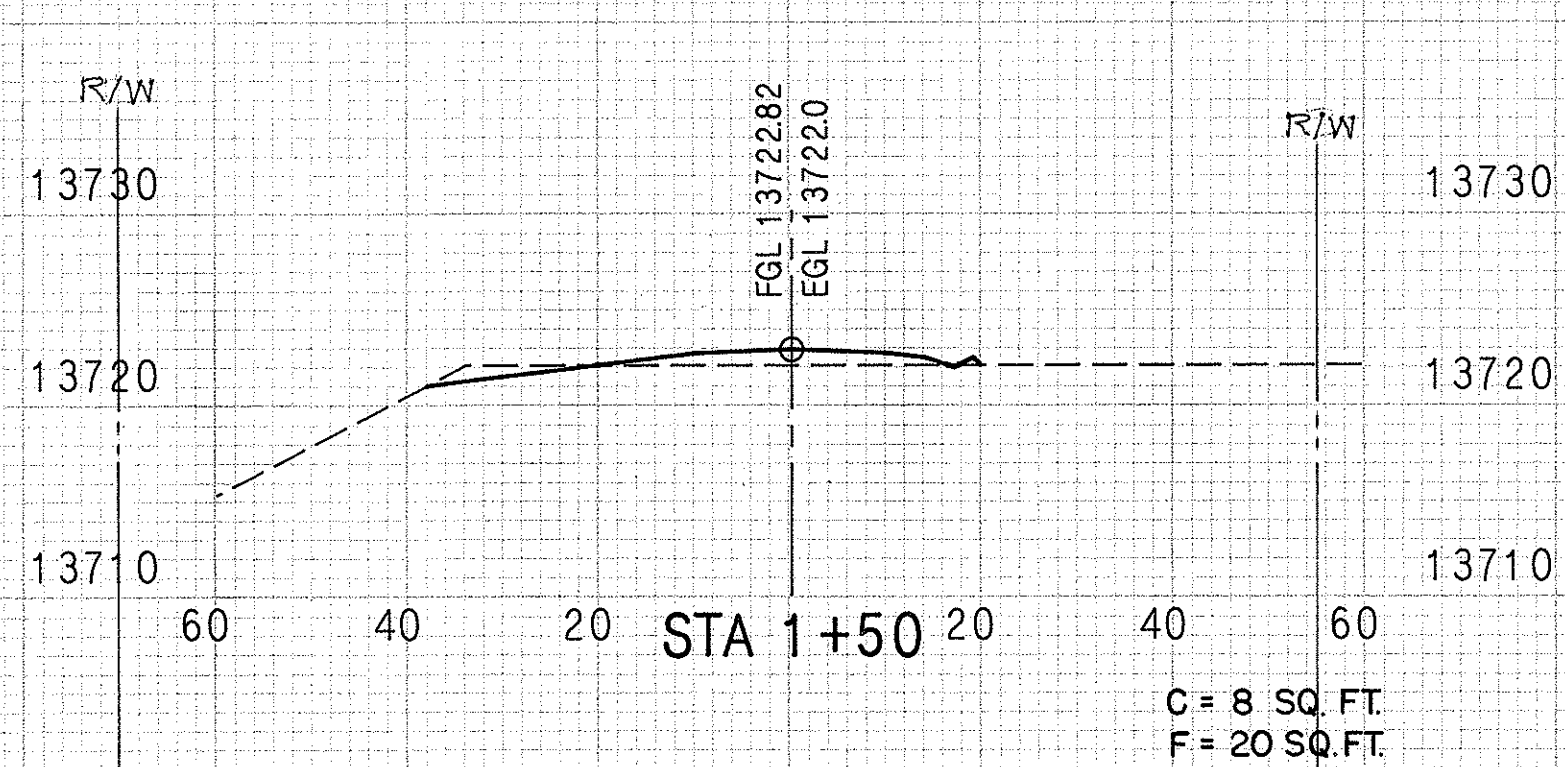
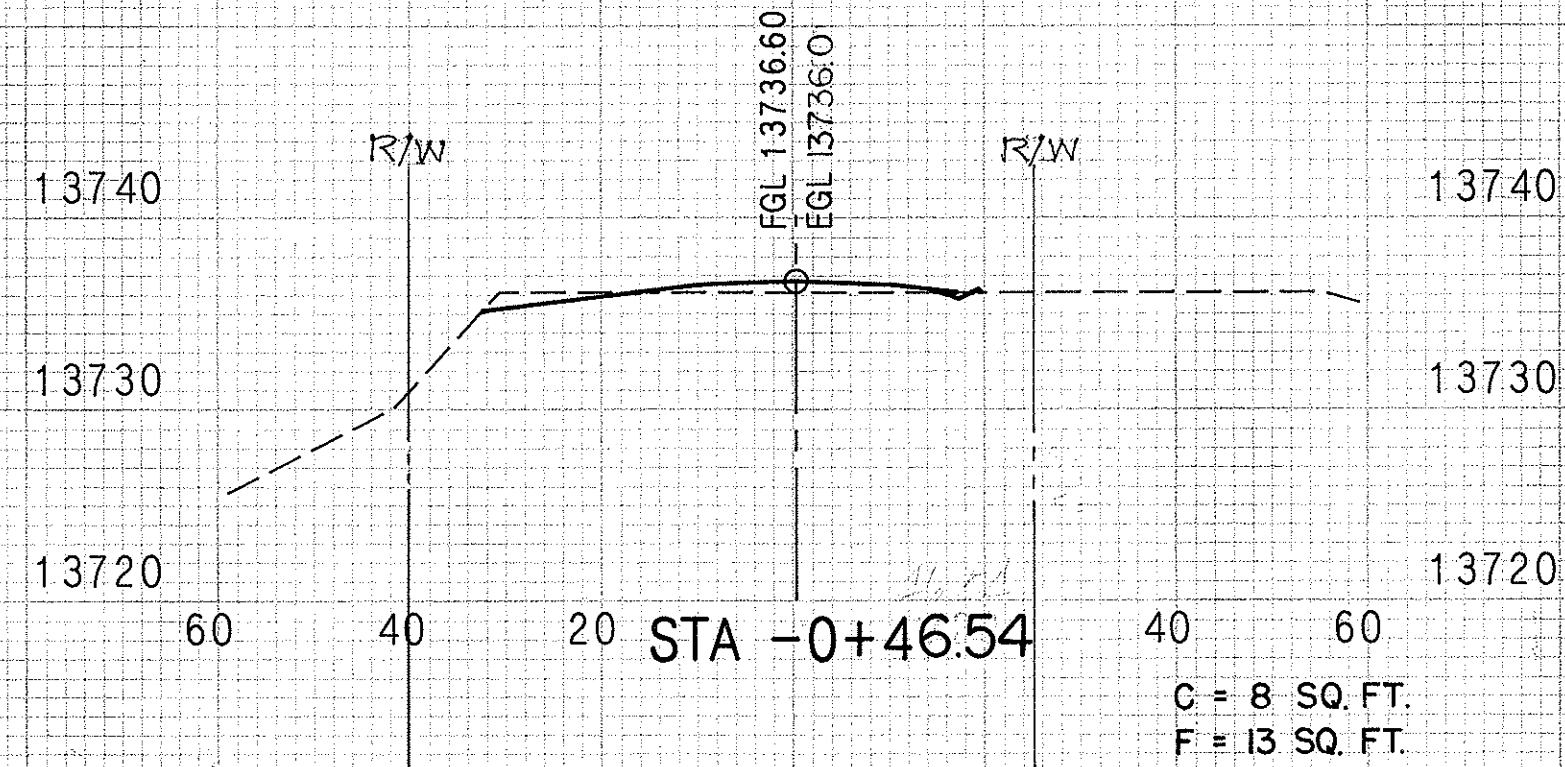
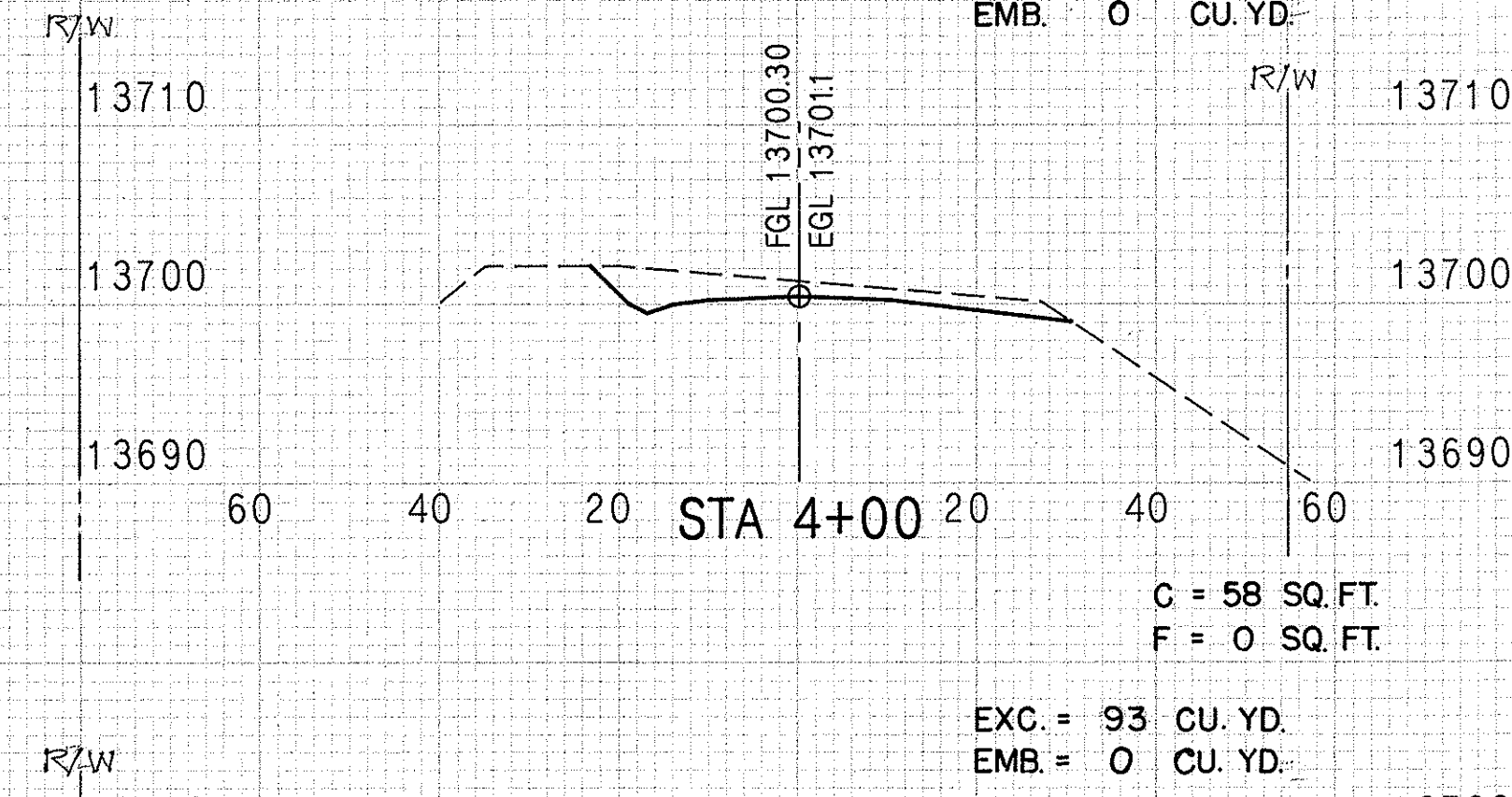
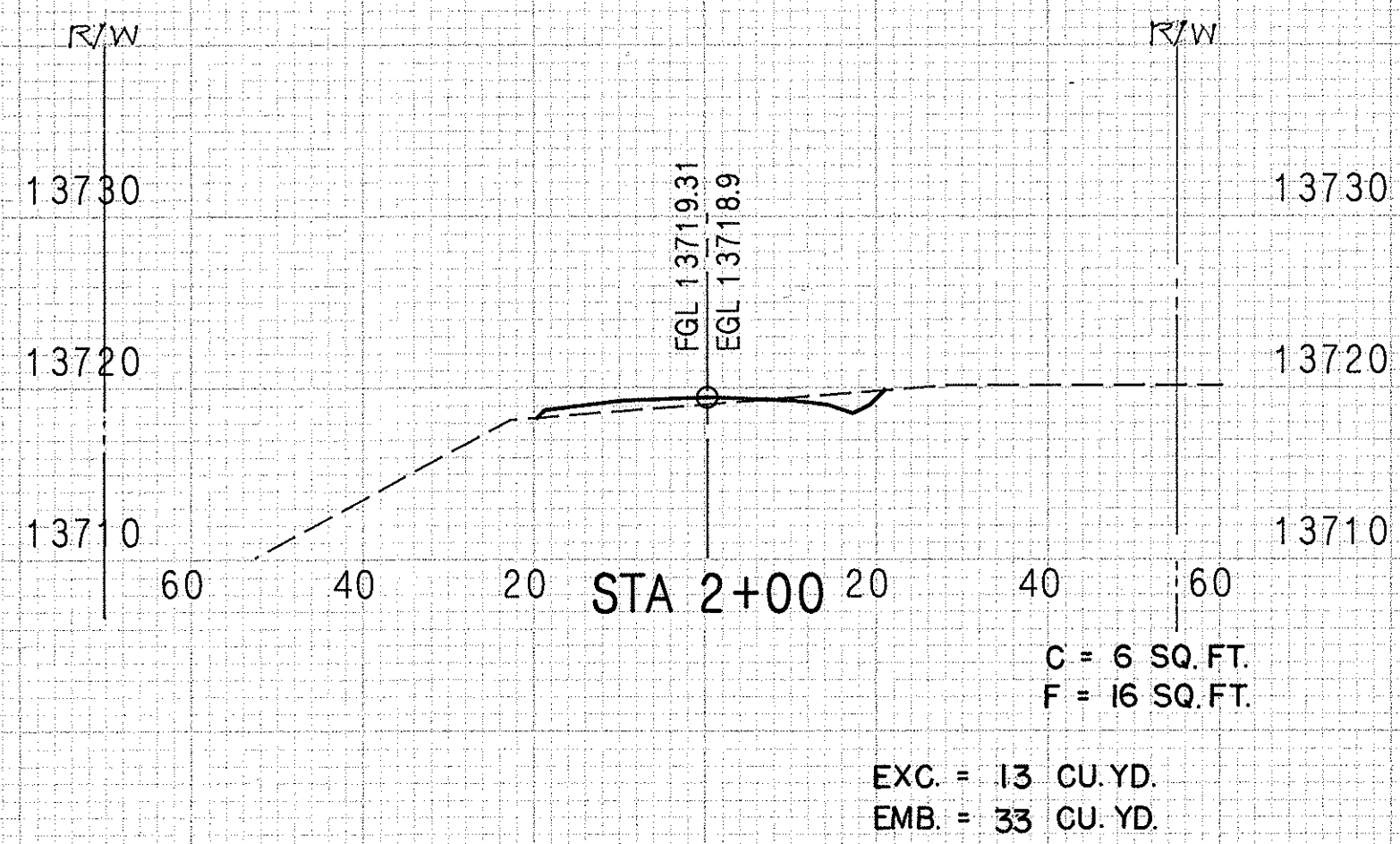
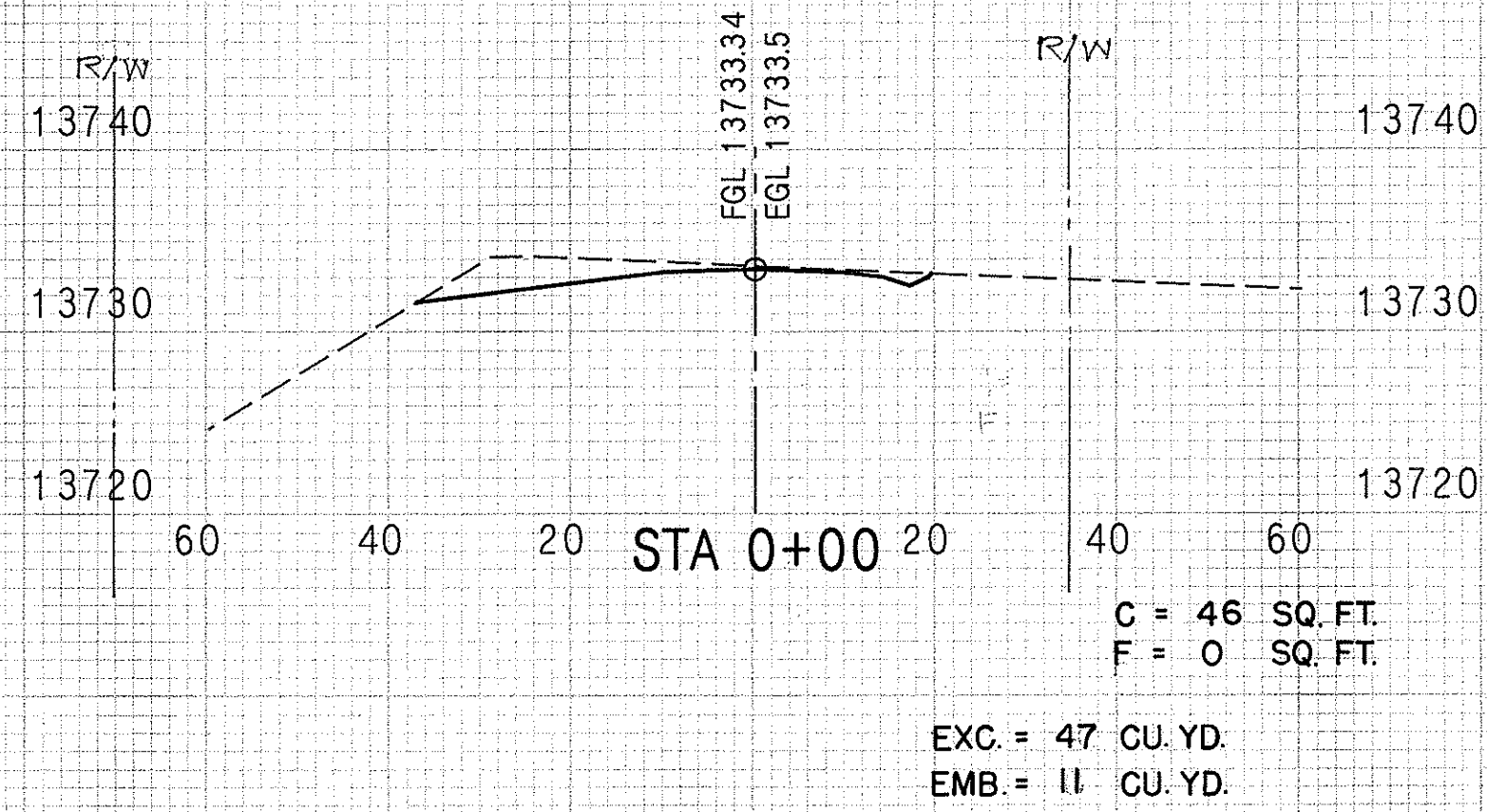
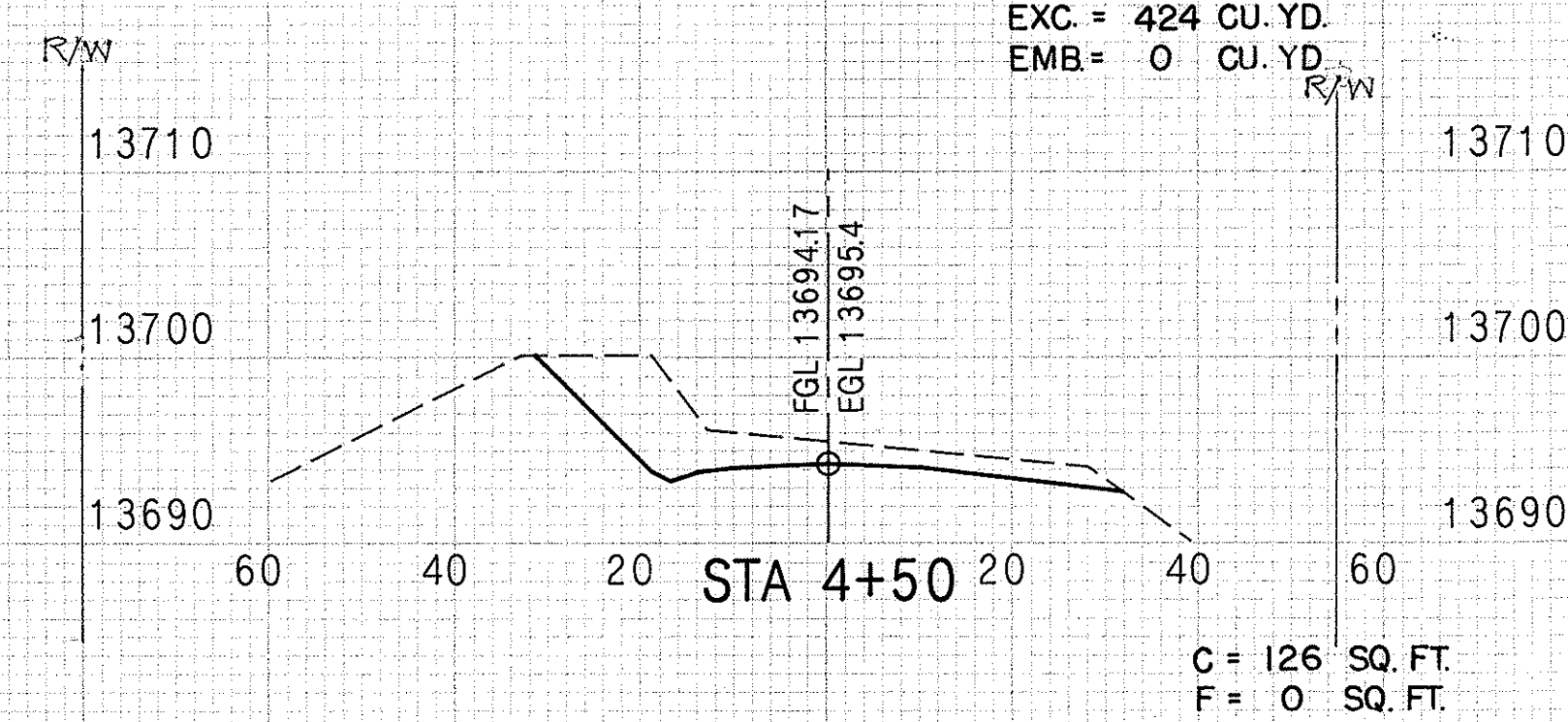
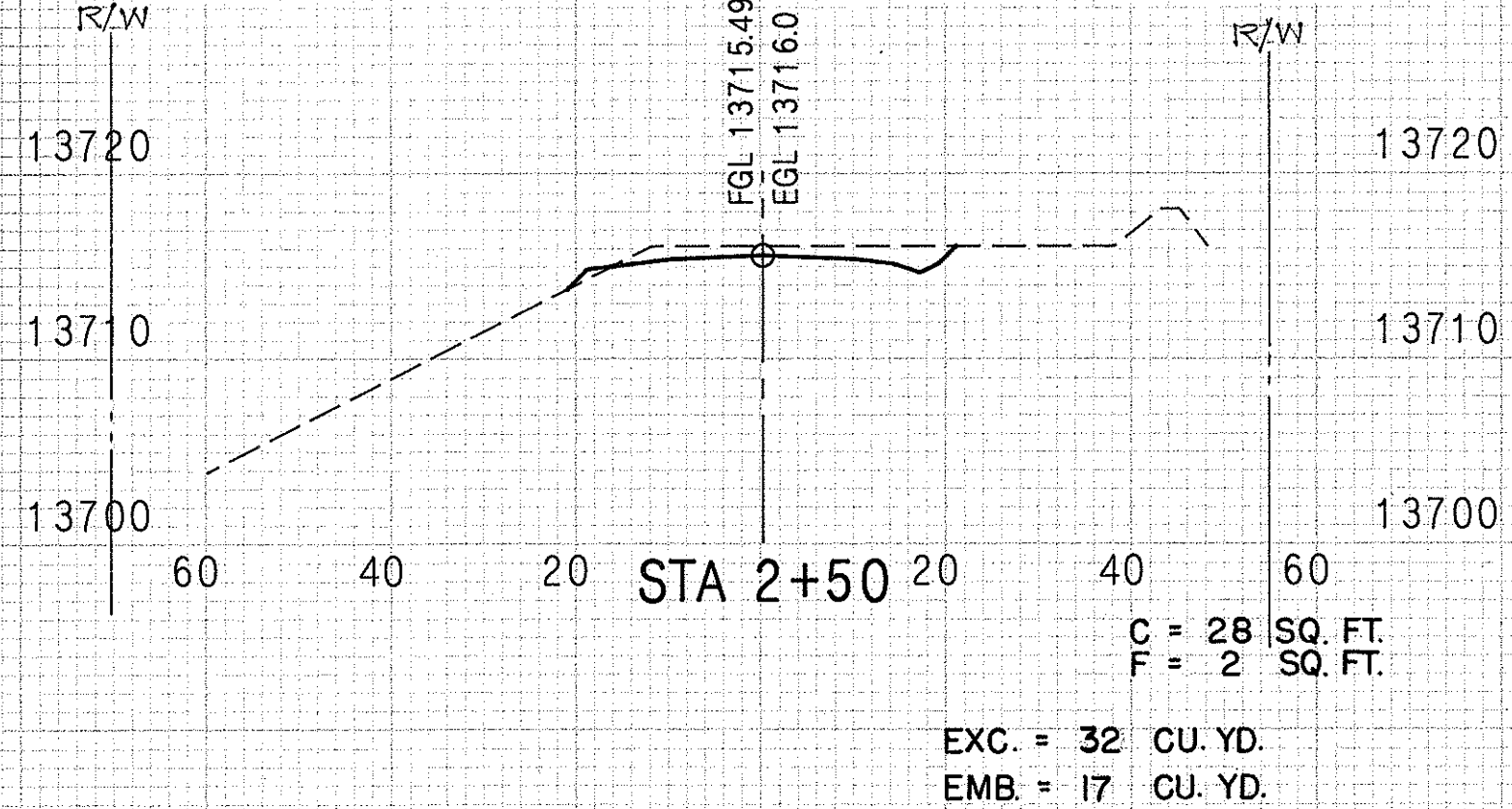
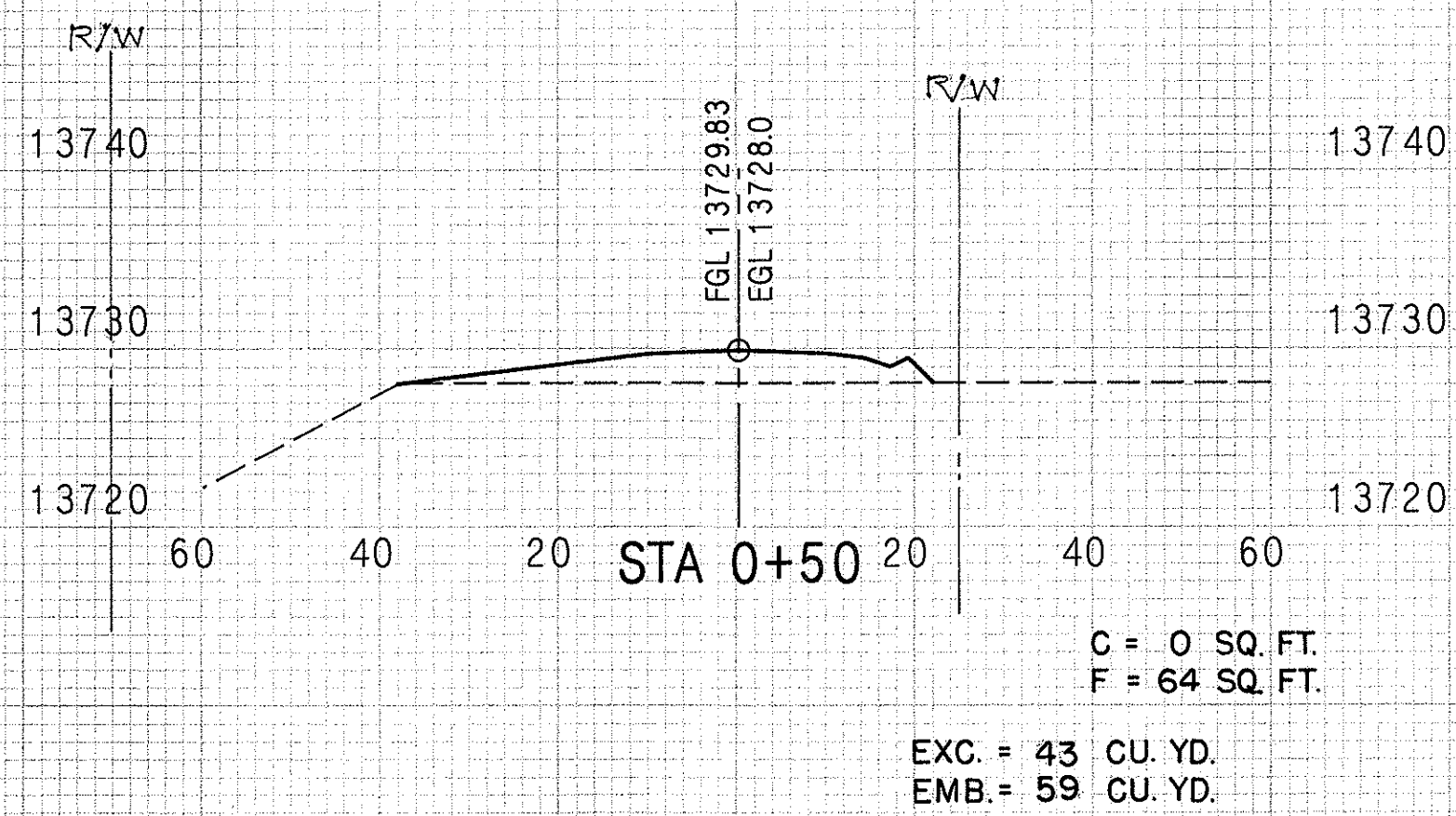
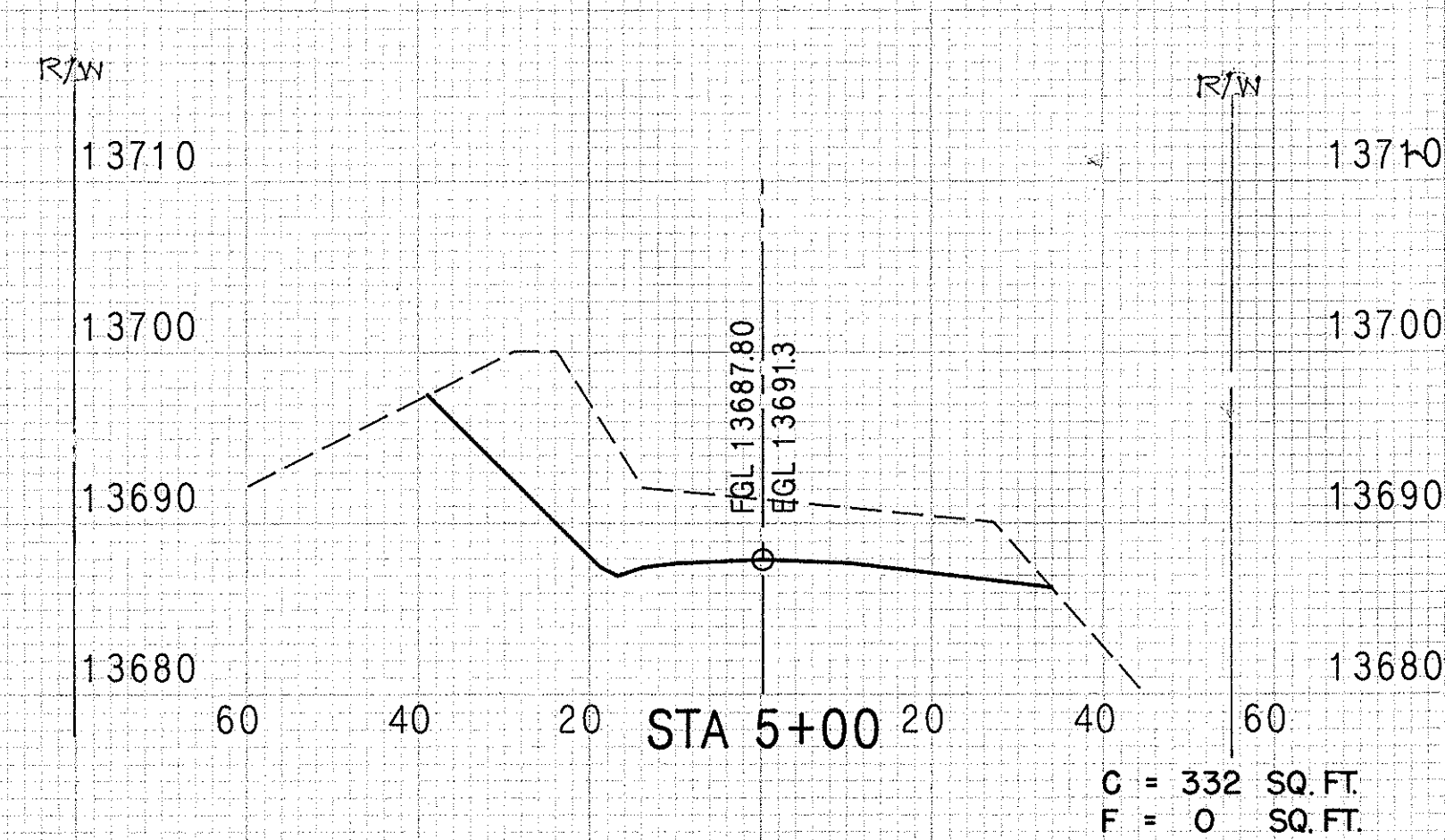
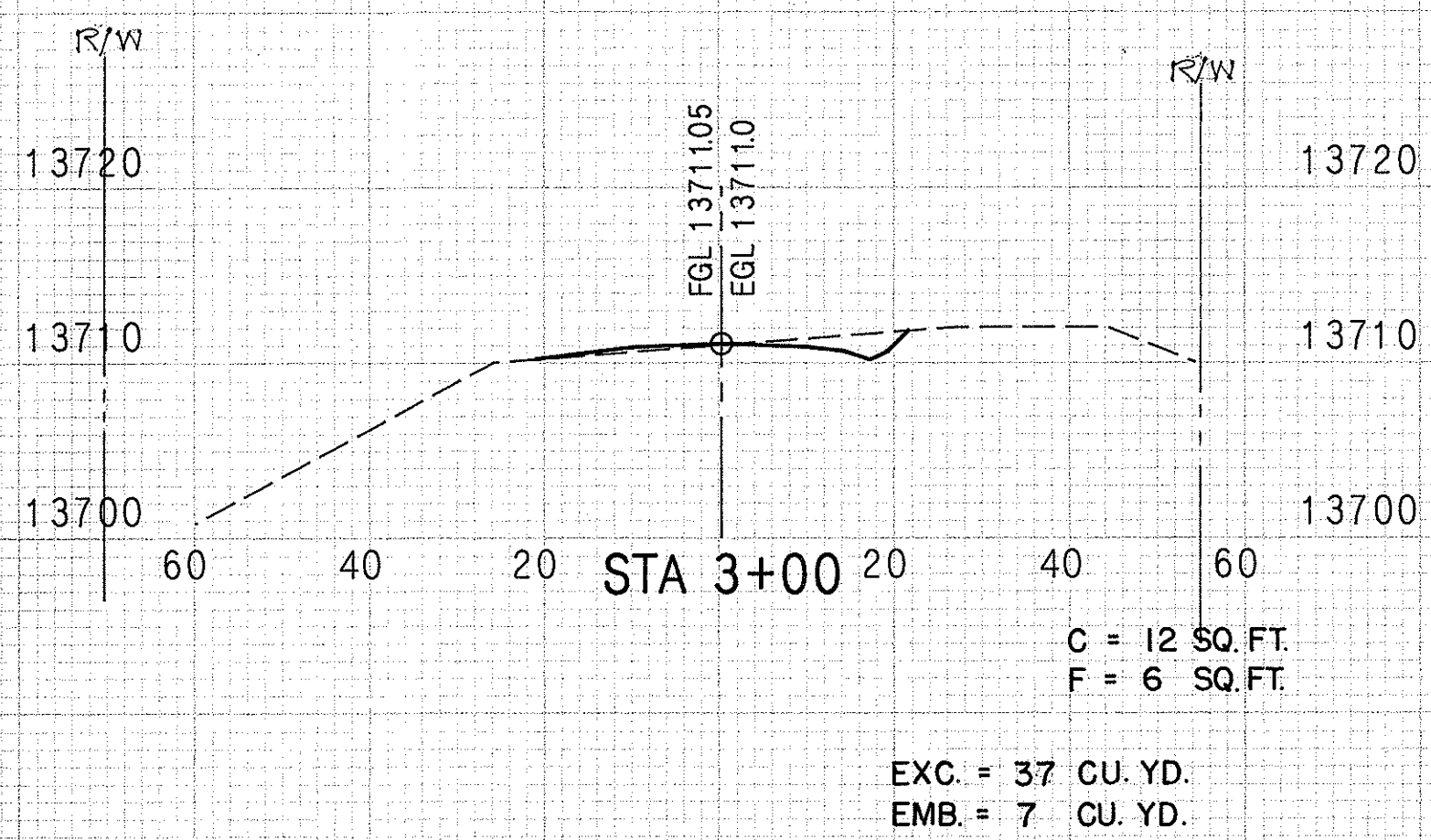
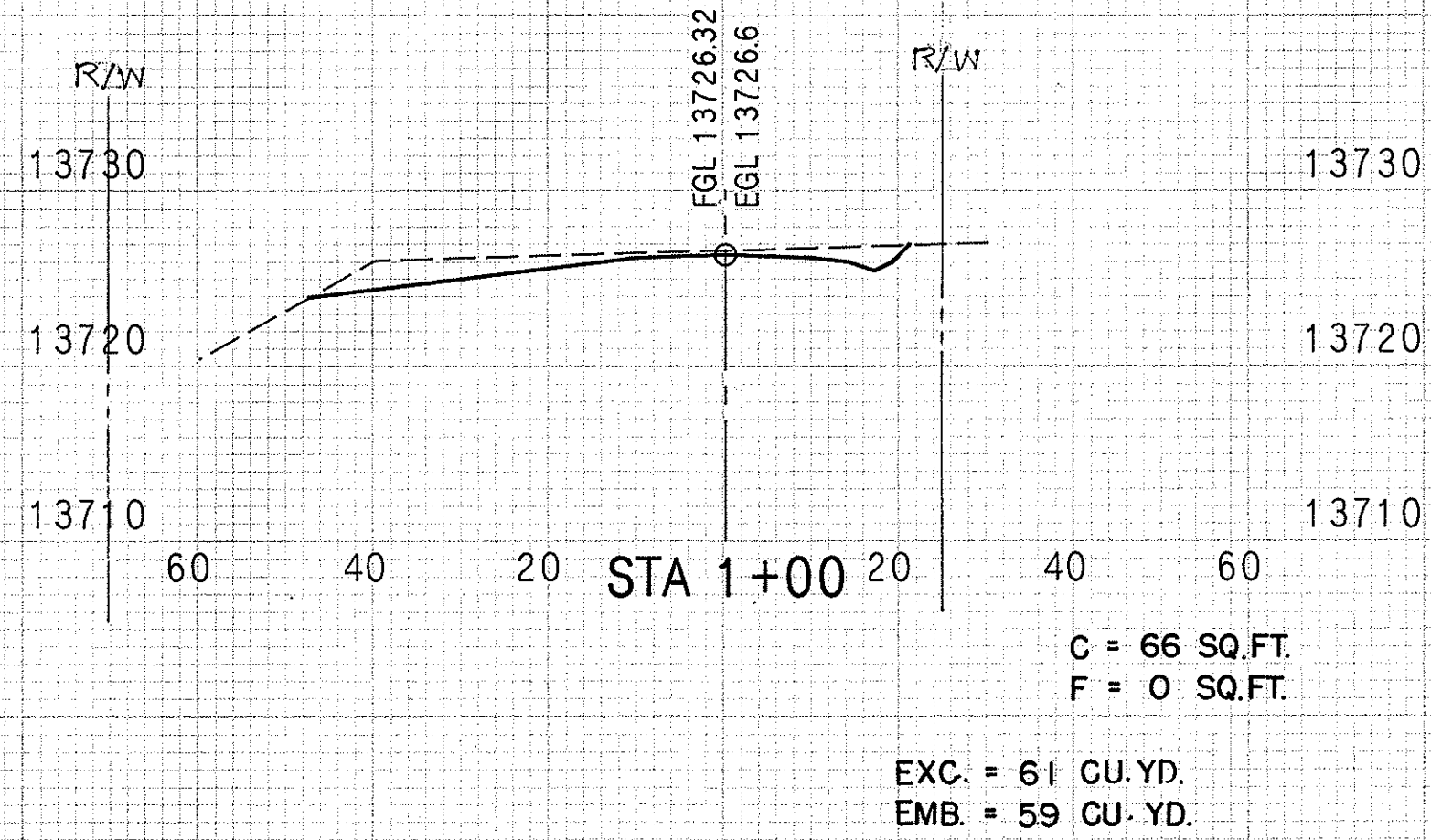
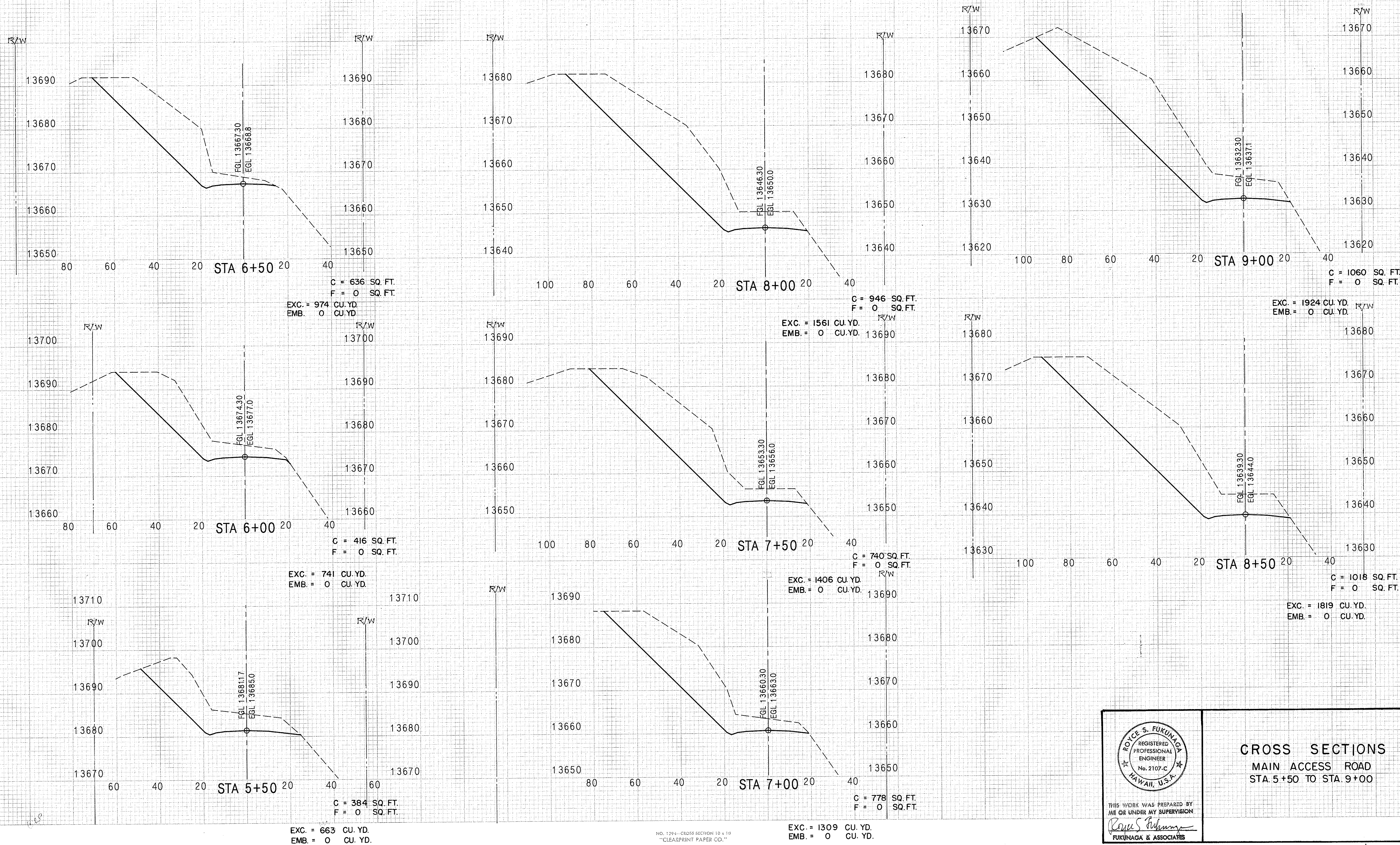


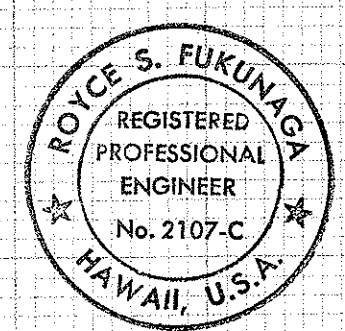
FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	HWY - H-01-86	1987	47	115



CROSS SECTIONS
MAIN ACCESS ROAD
STA. 0+46.54 TO STA. 5+00

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	HWY-H-01-86	1987	48	115





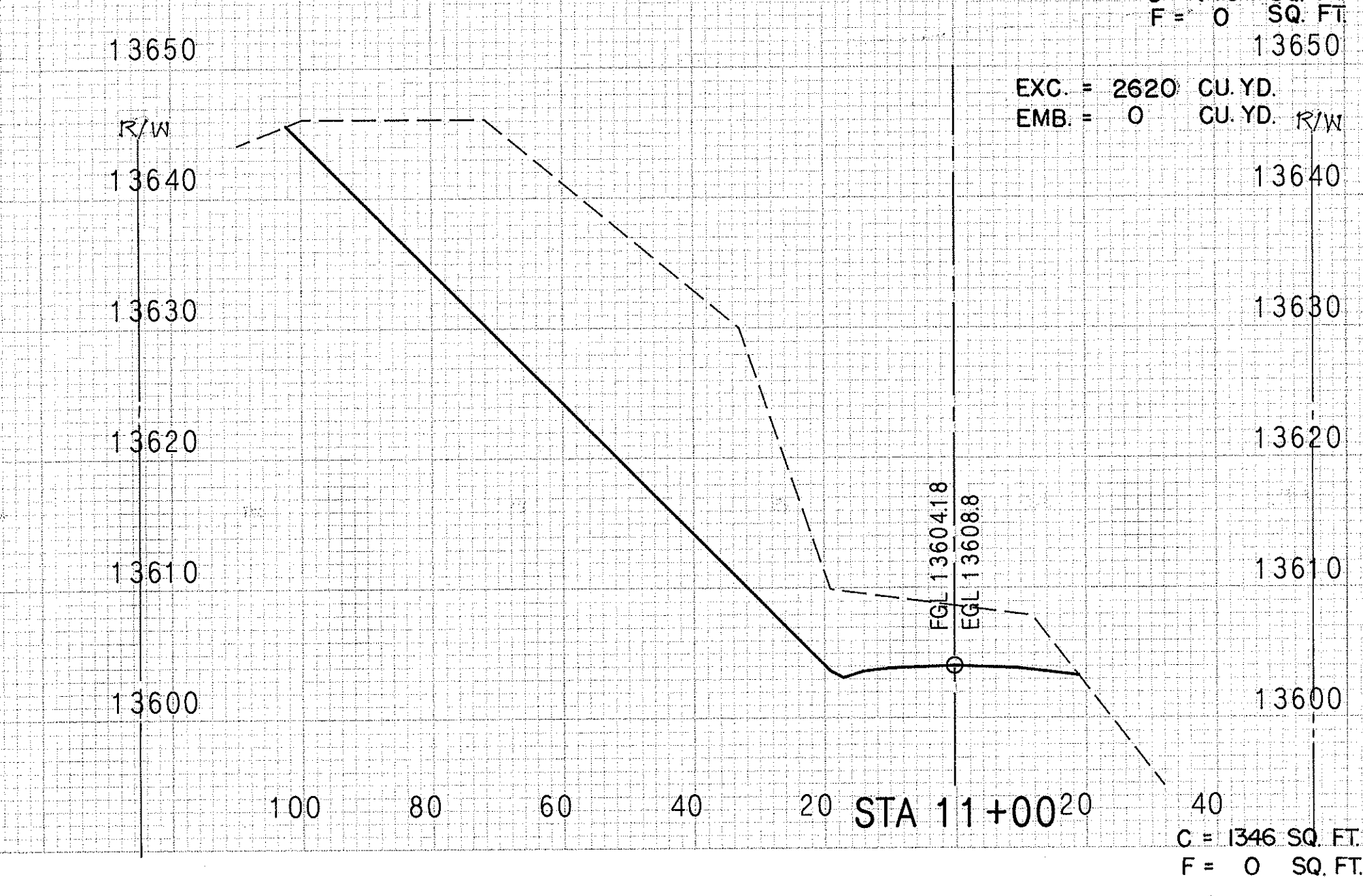
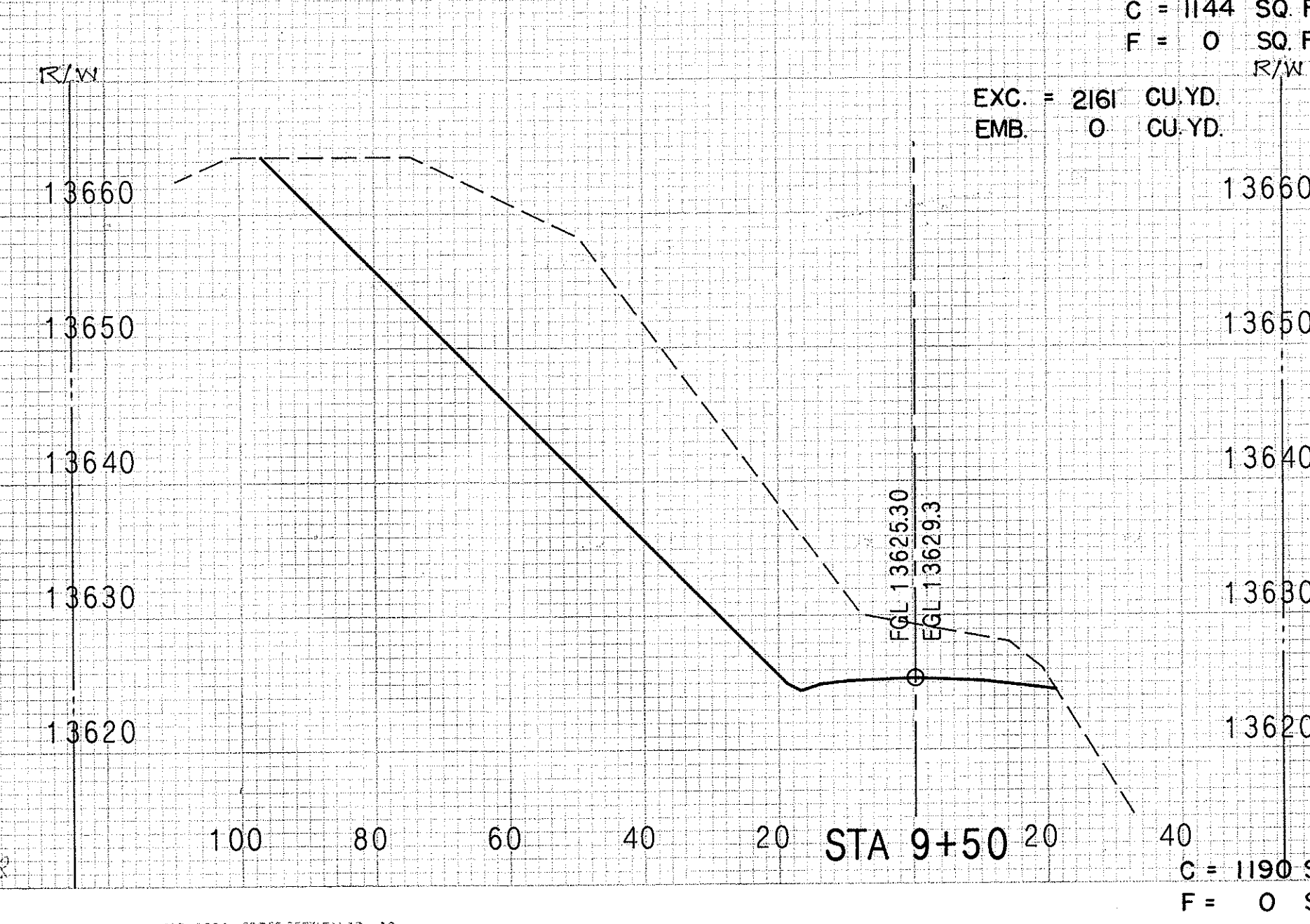
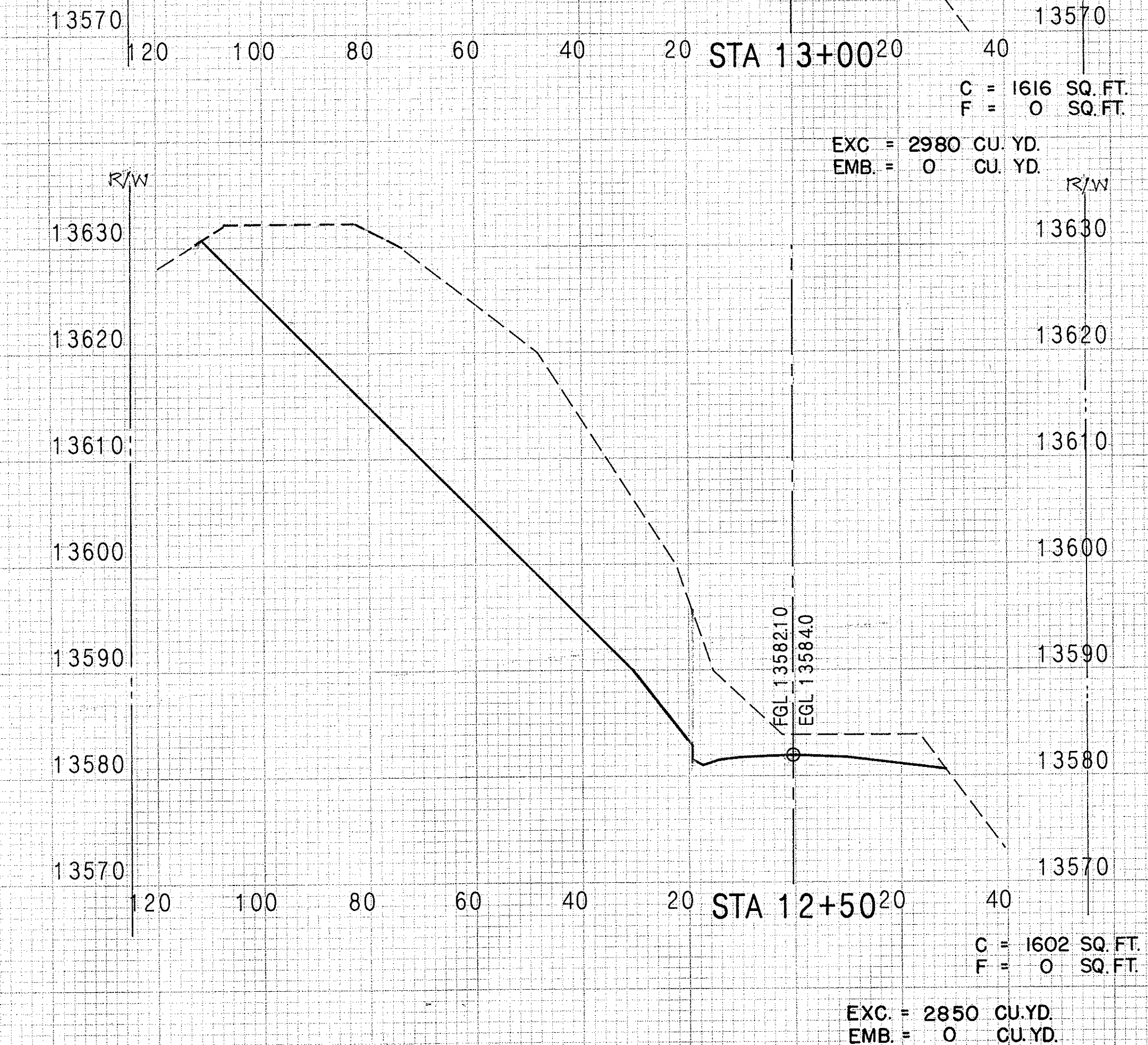
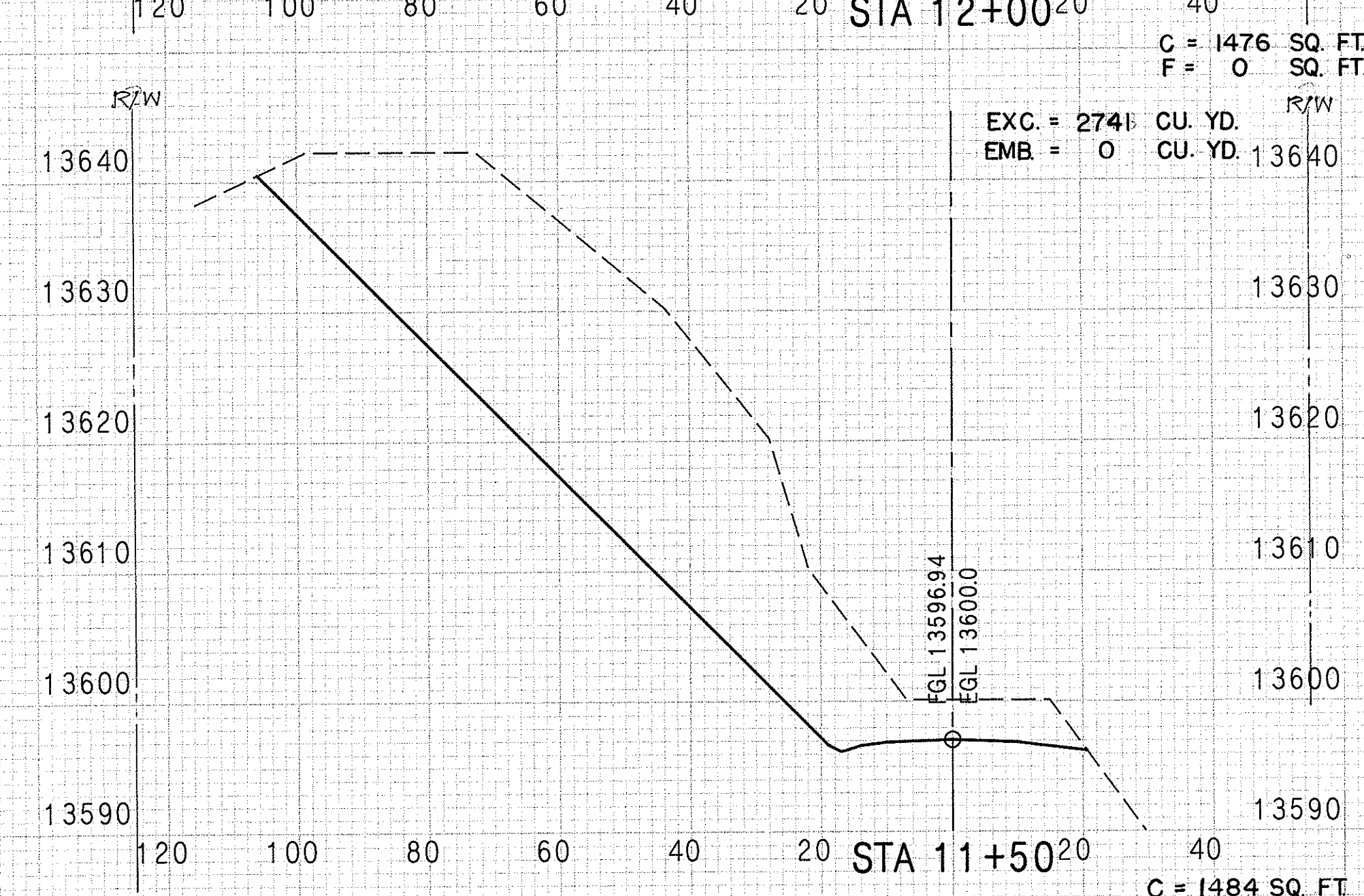
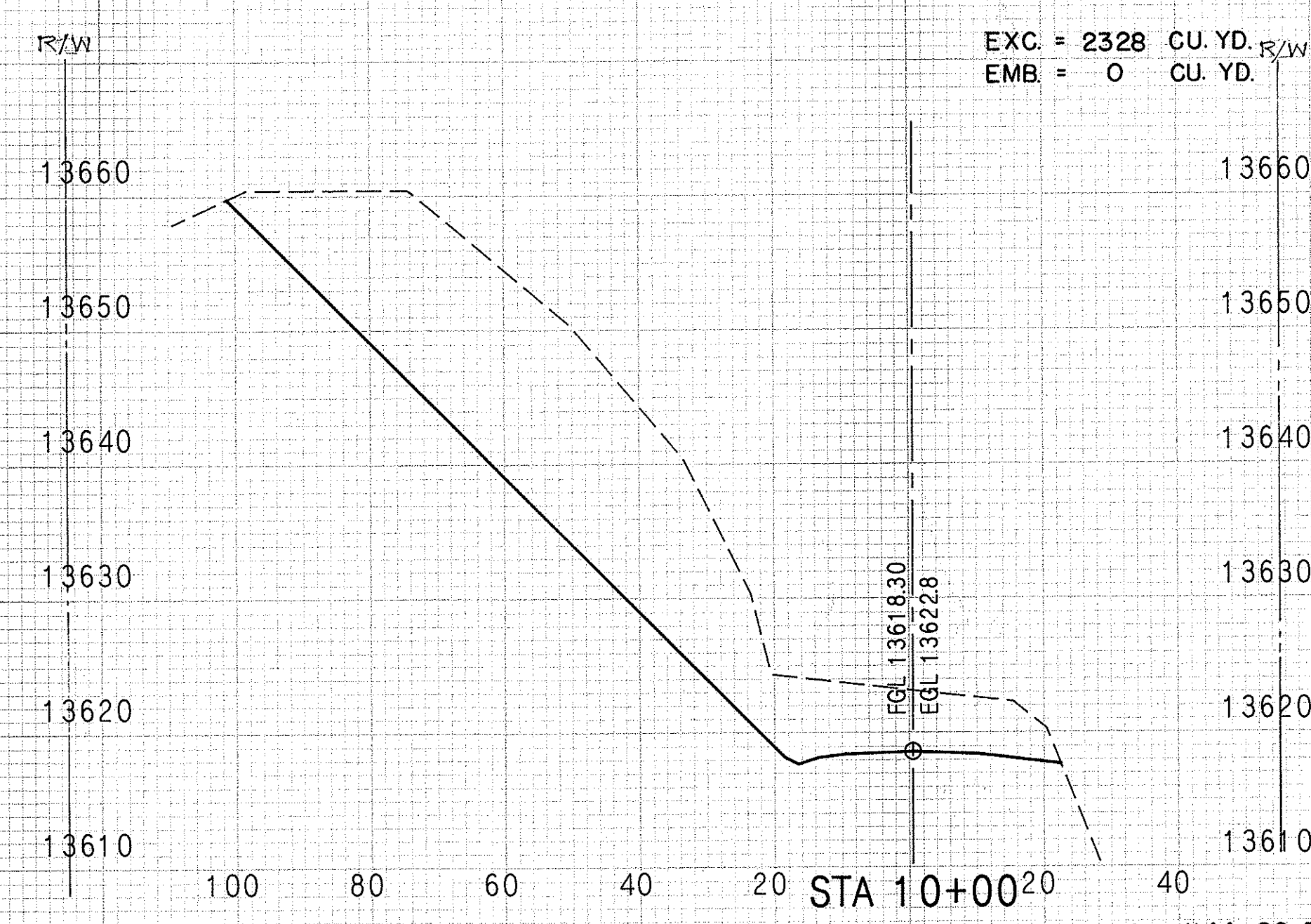
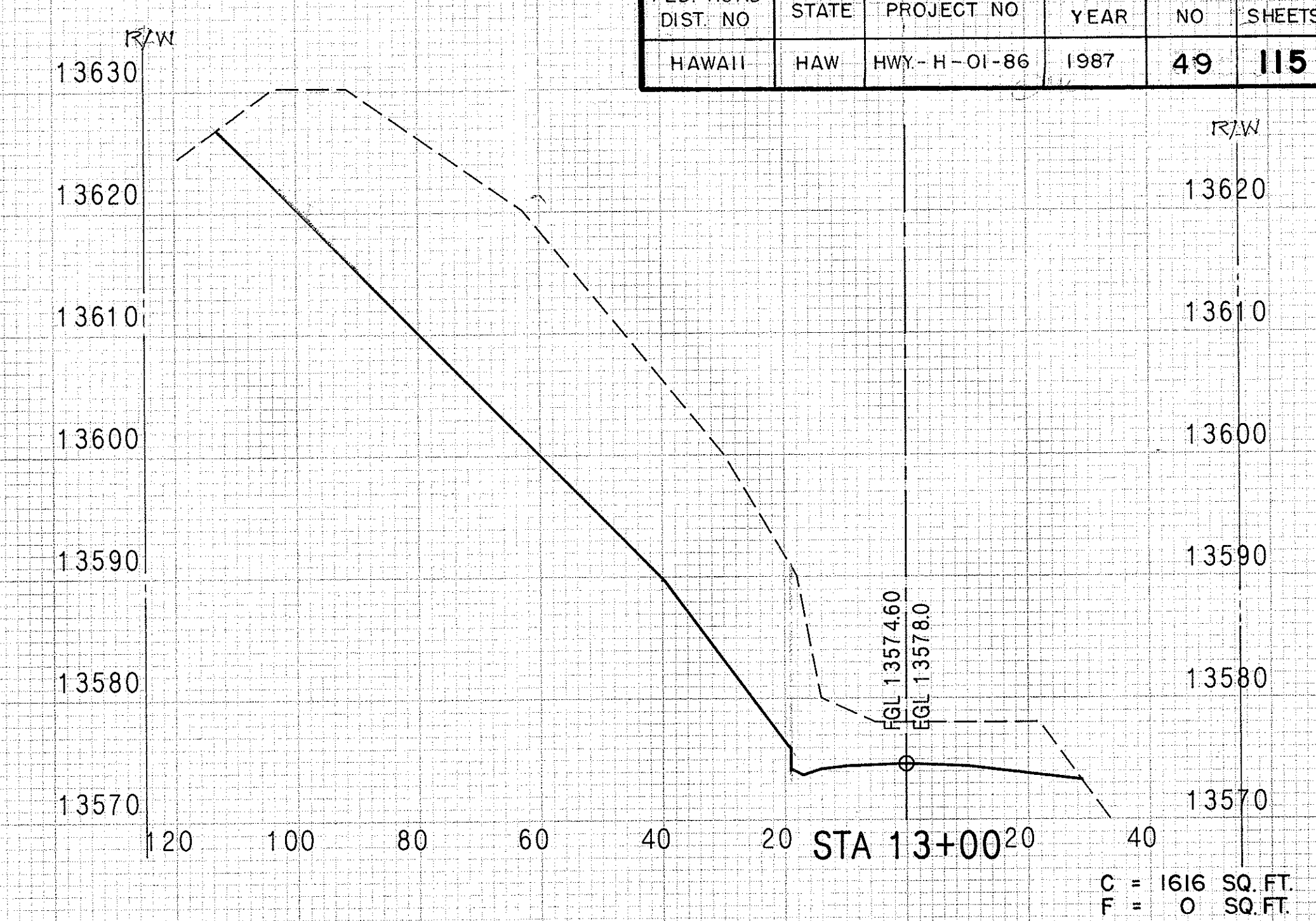
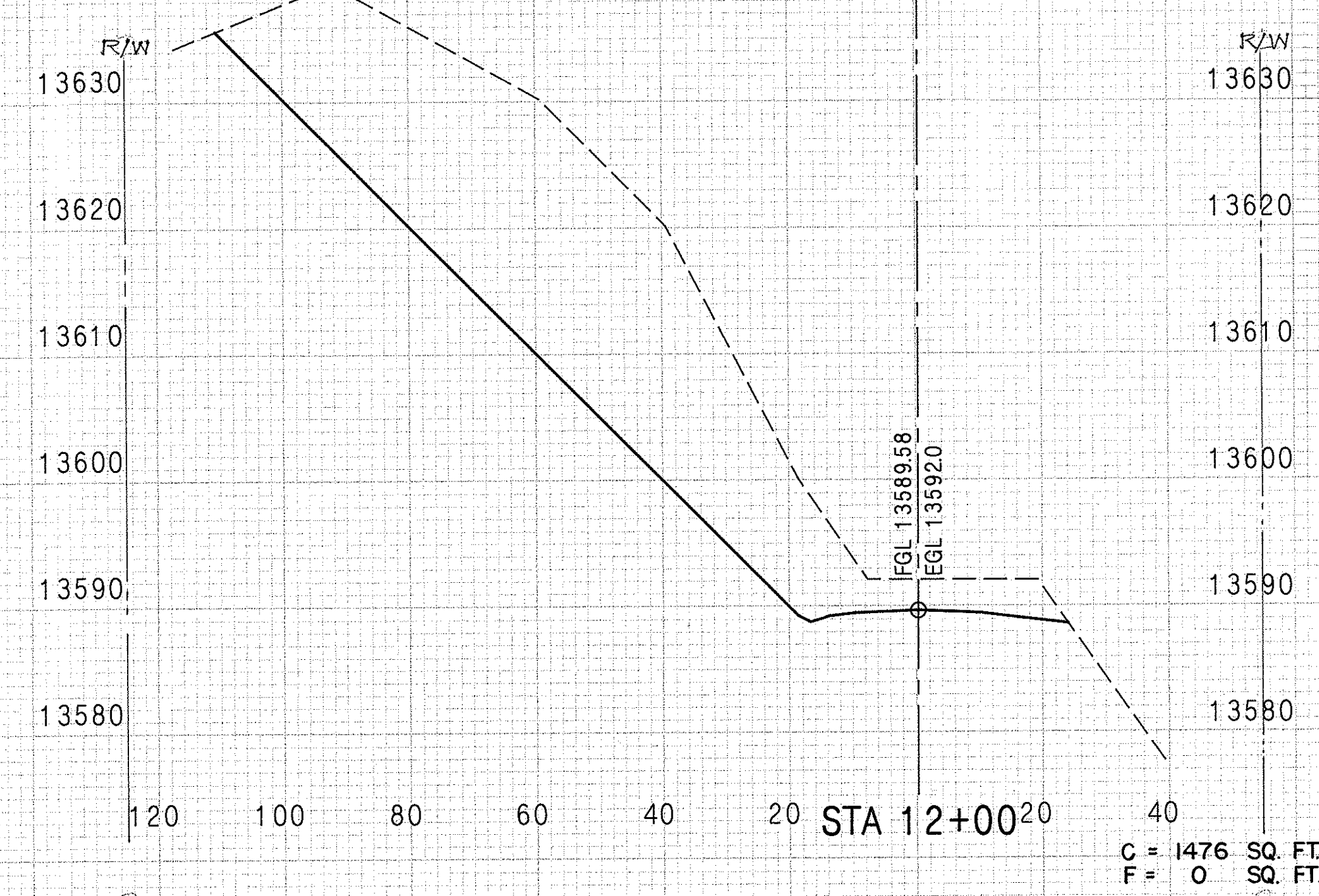
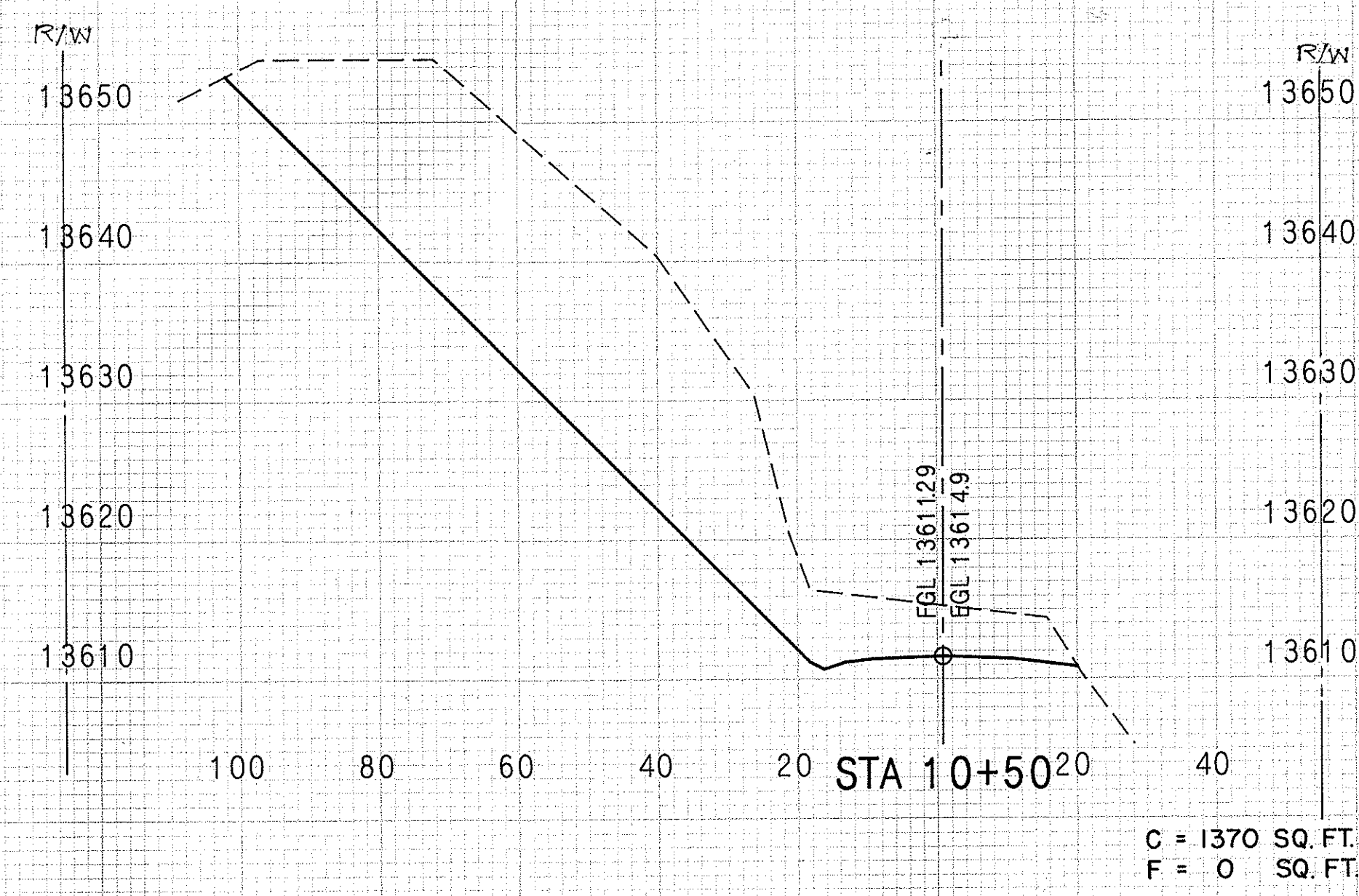
CROSS SECTIONS
 MAIN ACCESS ROAD
 STA. 5+50 TO STA. 9+00

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Royce S. Fukunaga

FUKUNAGA & ASSOCIATES

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	HWY-H-01-86	1987	49	115



CROSS SECTIONS
 MAIN ACCESS ROAD
 STA 9+50 TO STA 13+00

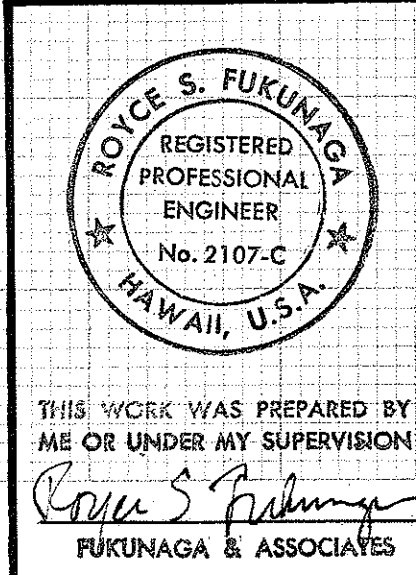
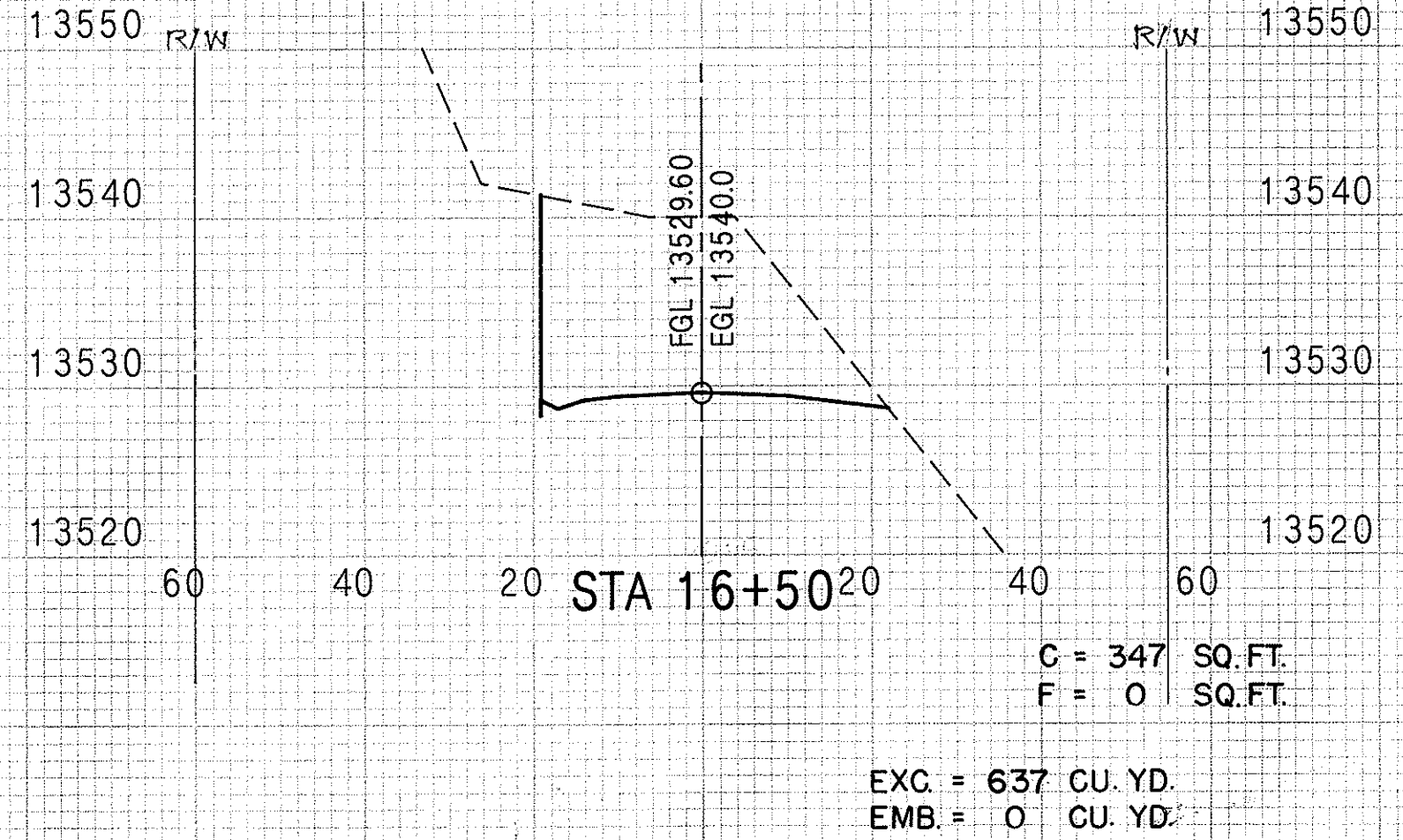
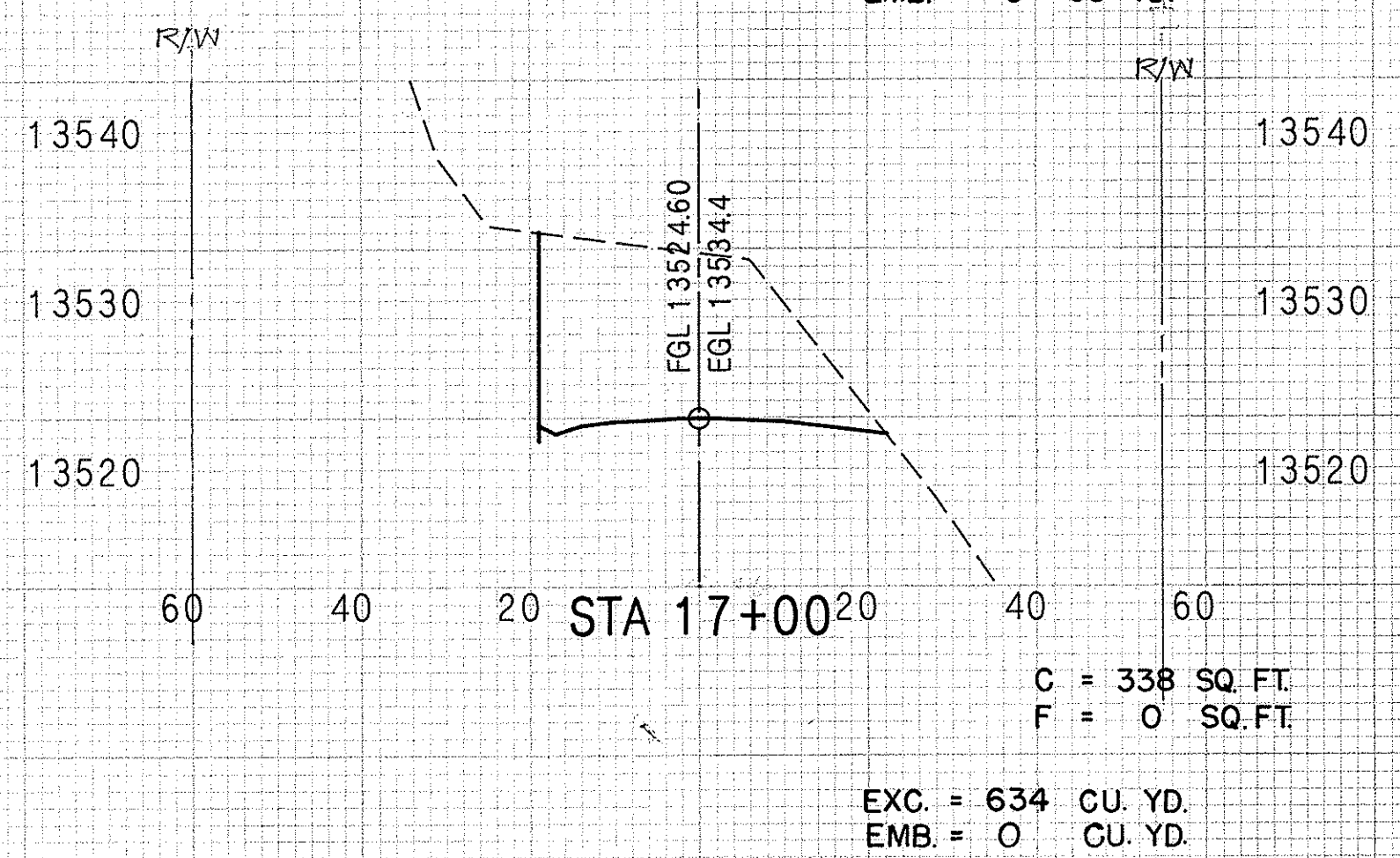
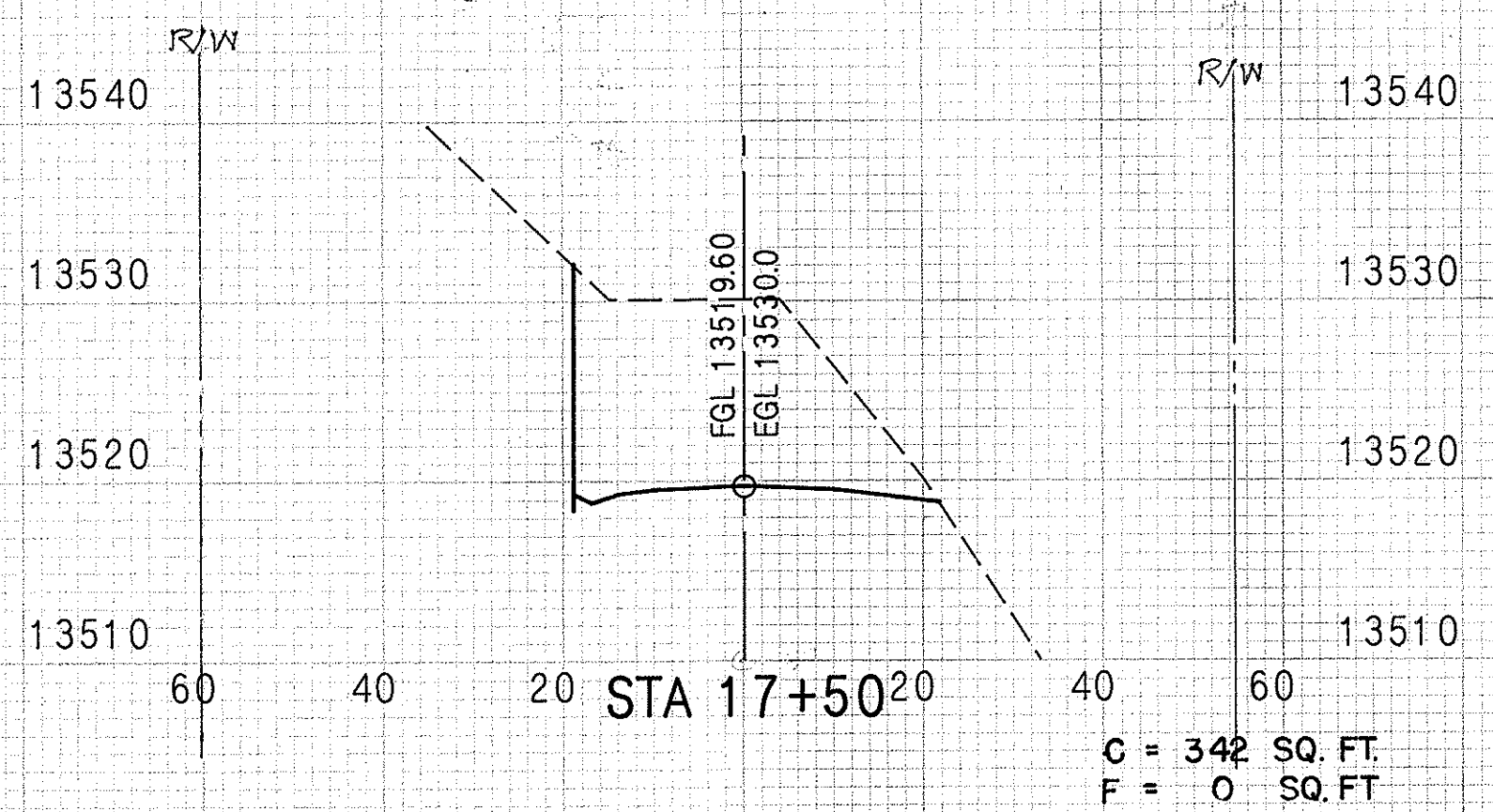
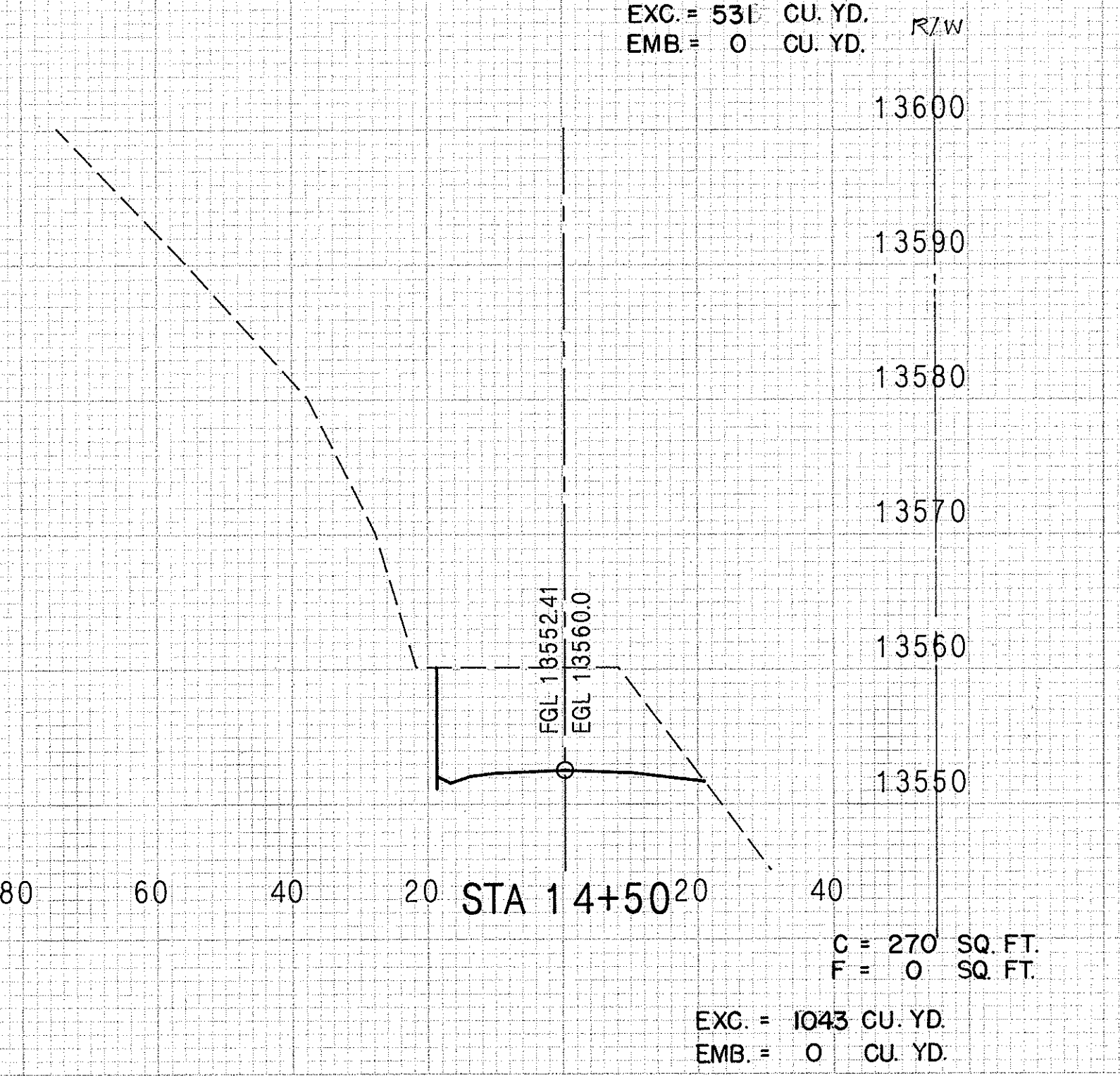
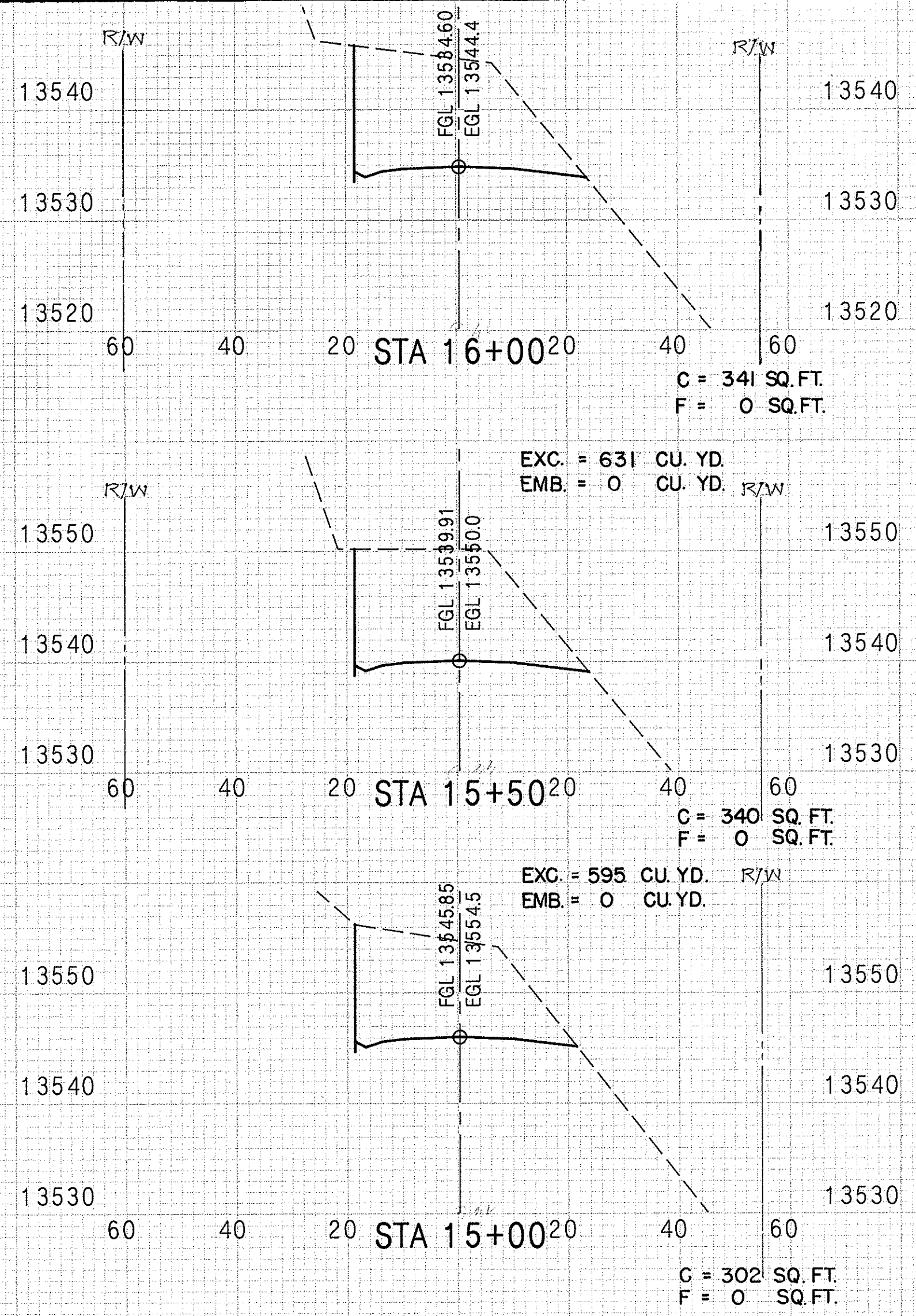
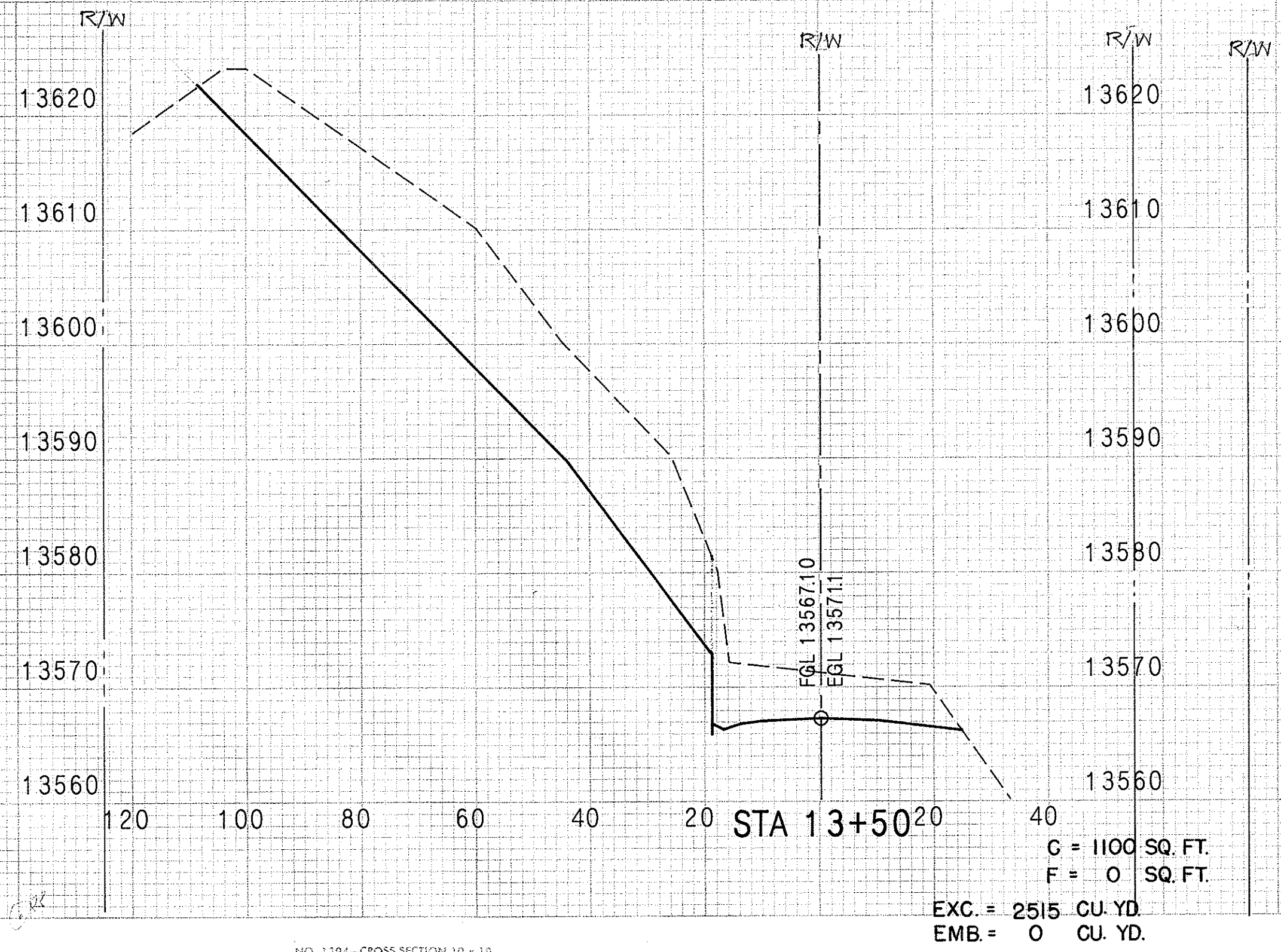
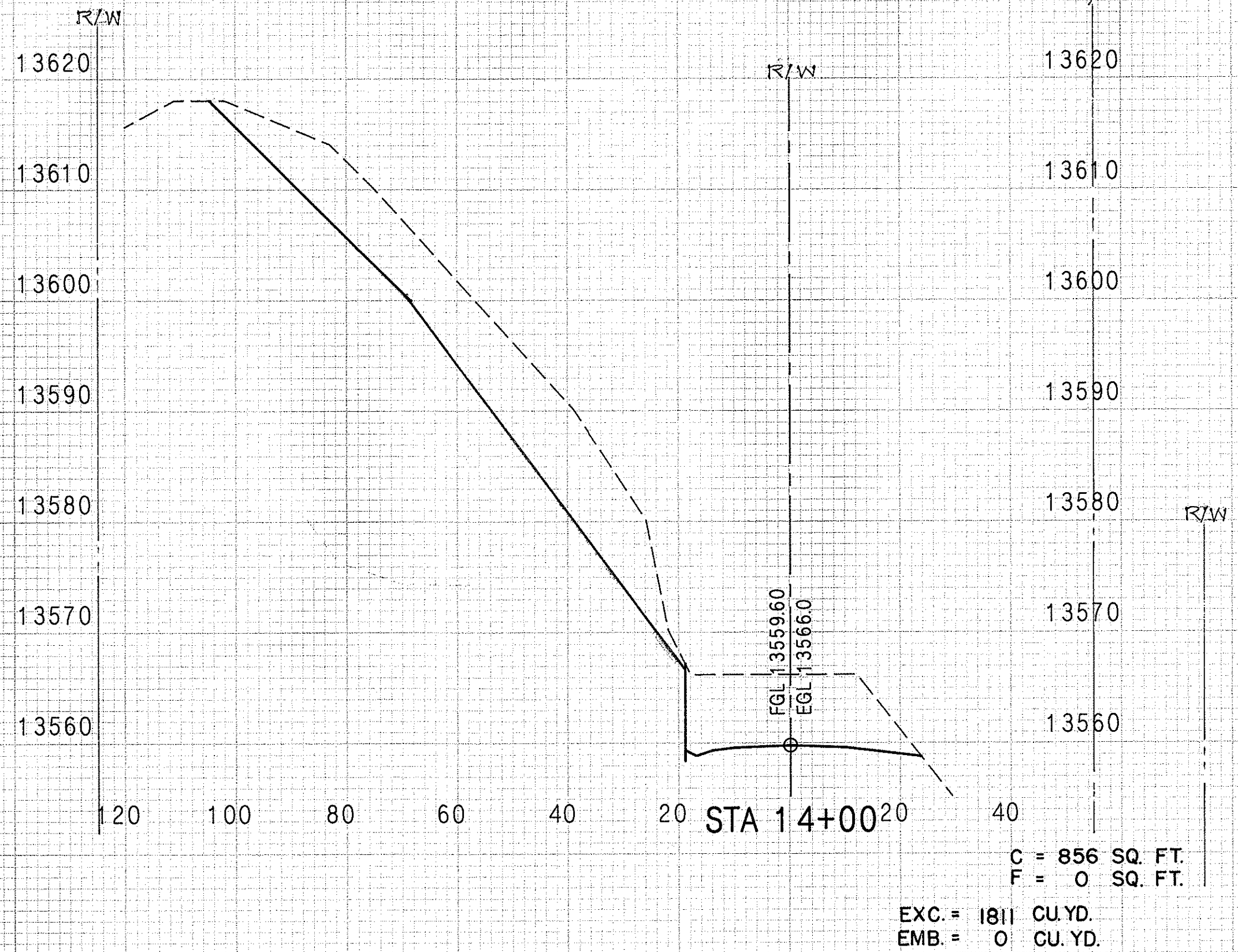
THIS WORK WAS PREPARED BY
 ME OR UNDER MY SUPERVISION
Royce S. Fukunaga
 FUKUNAGA & ASSOCIATES

NO. 1294-CROSS SECTION 10 x 10
 "CLEARPRINT PAPER CO."
 MADE IN U.S.A.

EXC. = 2083 CU. YD.
 EMB. = 0 CU. YD.

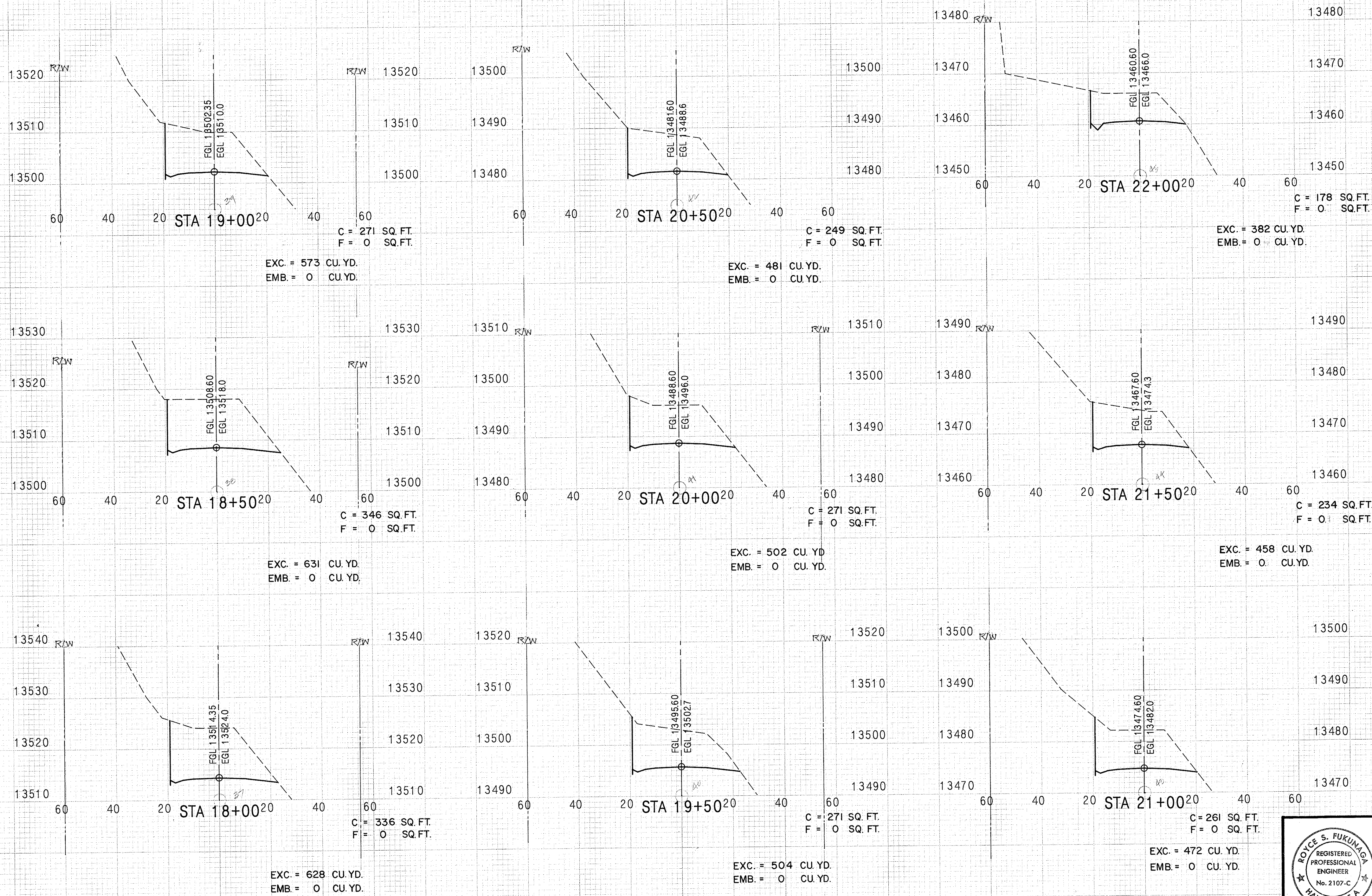
EXC. = 2515 CU. YD.
 EMB. = 0 CU. YD.

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	HWY - H - 01-86	1987	50	115



CROSS SECTIONS
 MAIN ACCESS ROAD
 STA. 13+50 TO STA. 17+50

FED. ROAD DIST. NO	STATE	PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
HAWAII	HAW	HWY- H-01-86	1987	51	115



ROYCE S. FUKUNAGA
REGISTERED PROFESSIONAL ENGINEER
No. 2107-C
HAWAII, U.S.A.

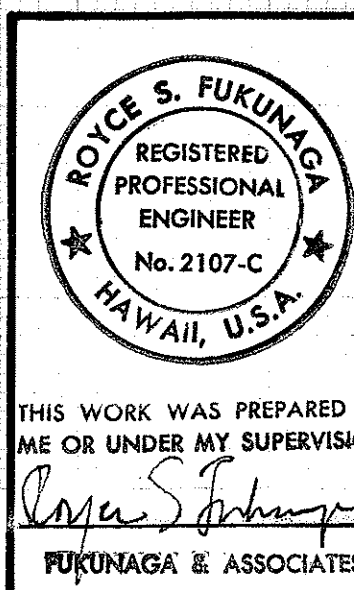
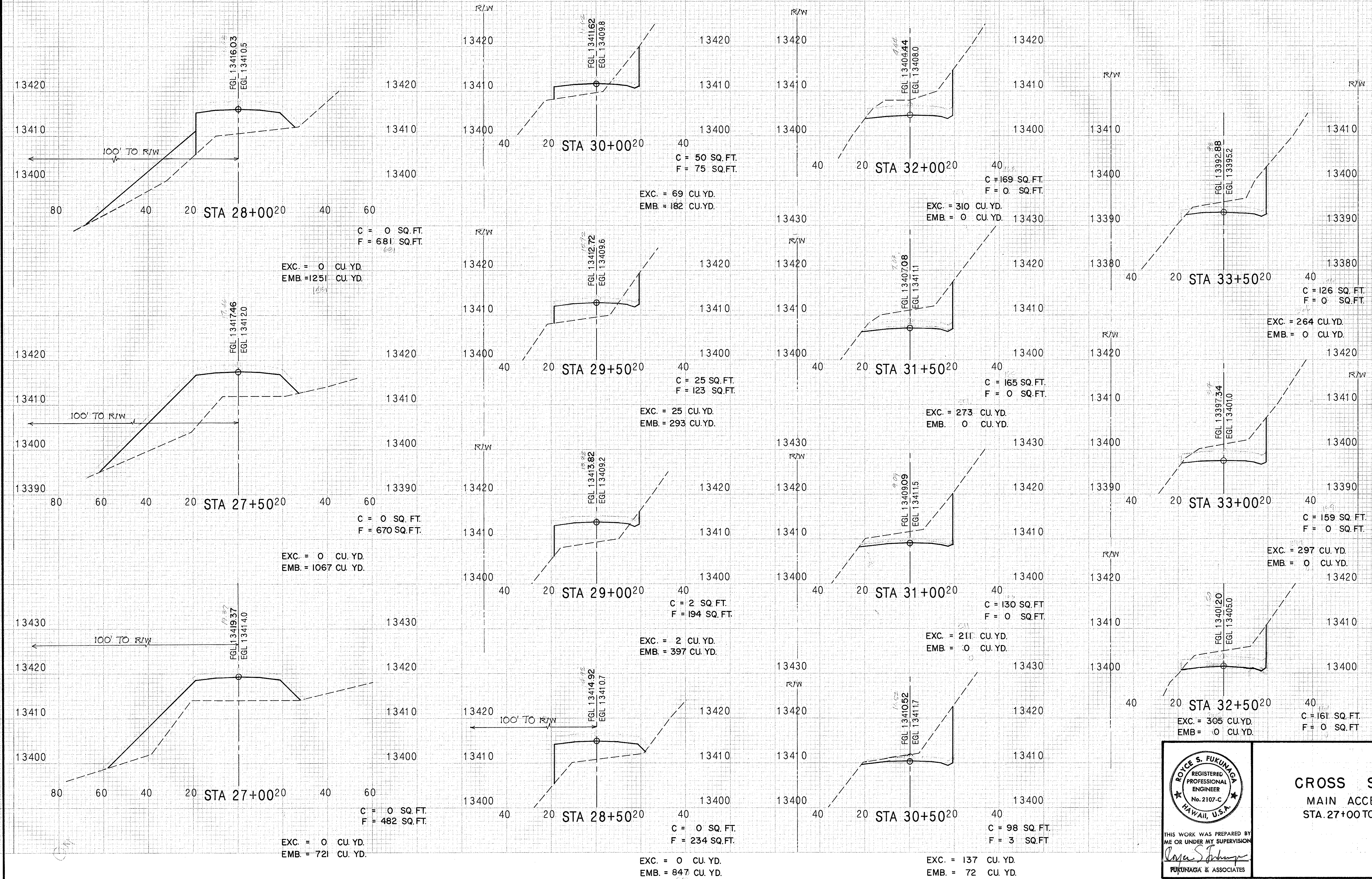
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Royce S. Fukunaga
FUKUNAGA & ASSOCIATES

CROSS SECTIONS
MAIN ACCESS ROAD
STA. 18+00 TO STA. 22+00

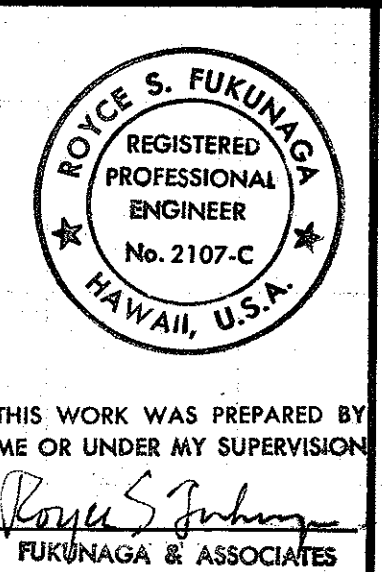
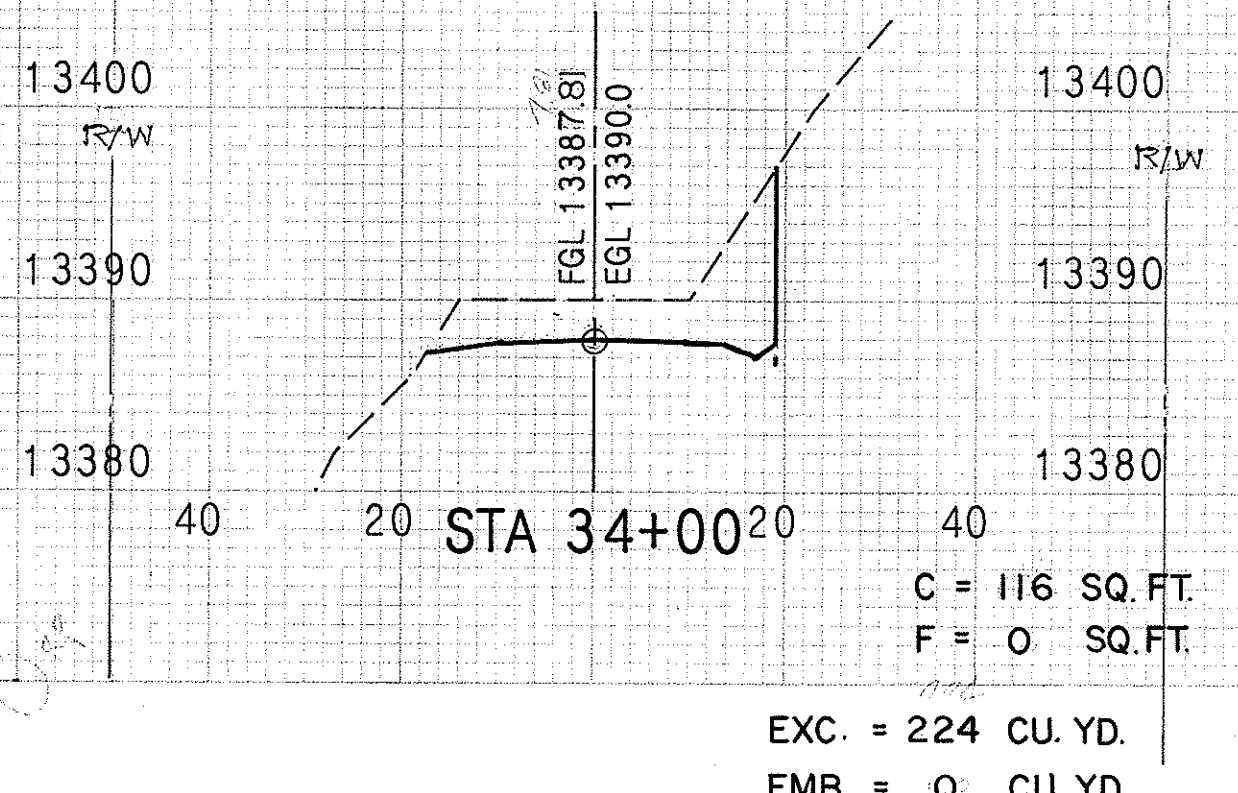
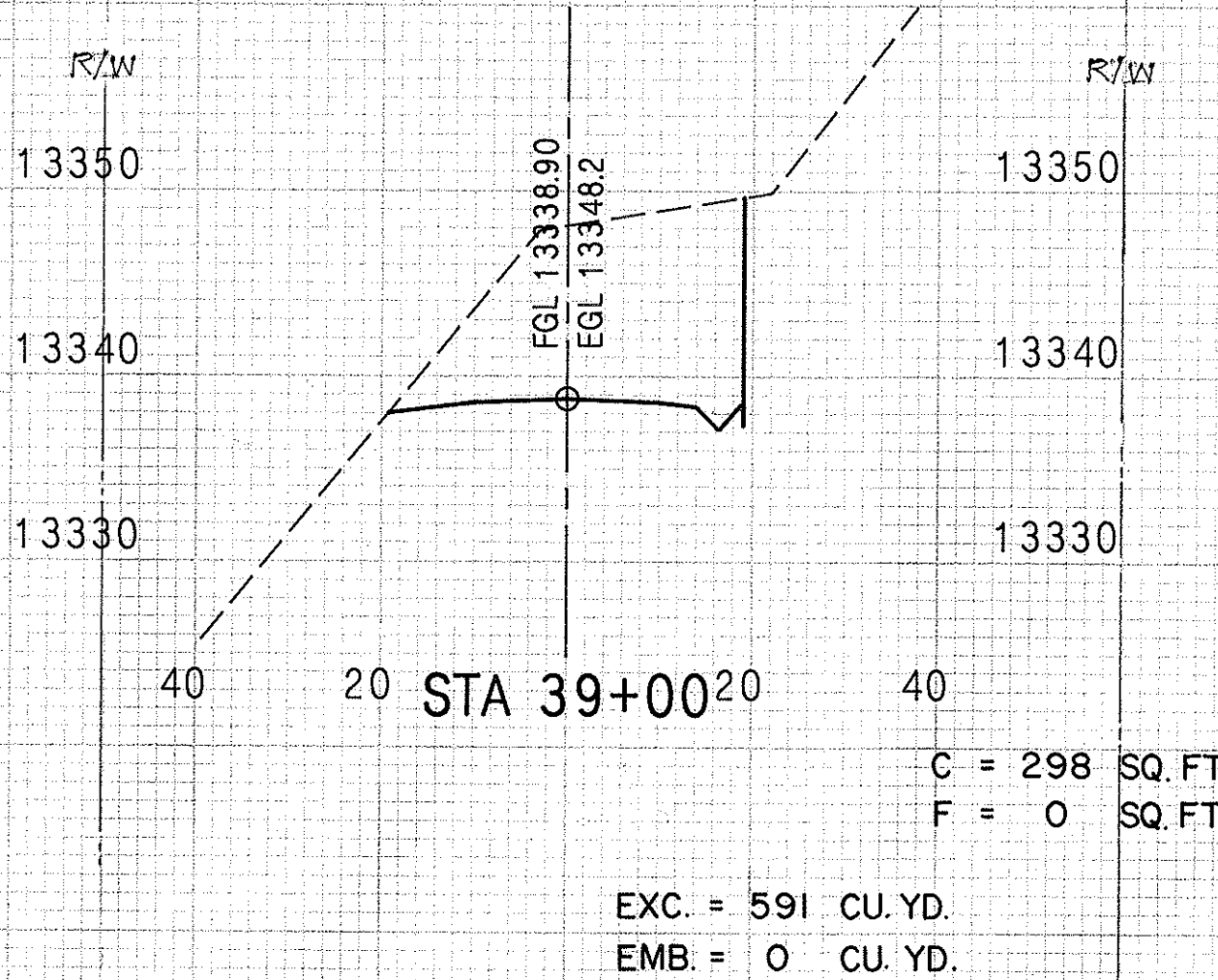
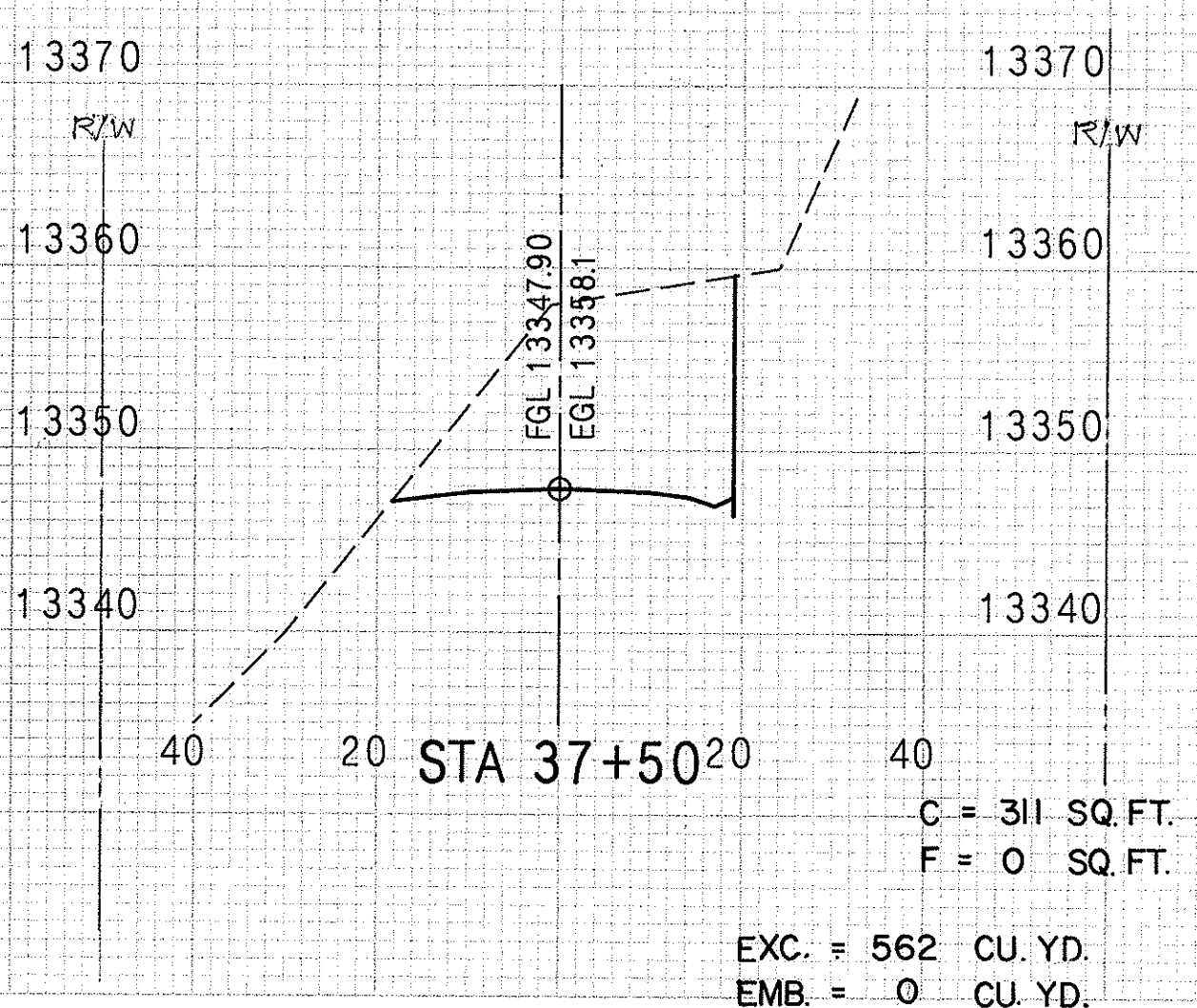
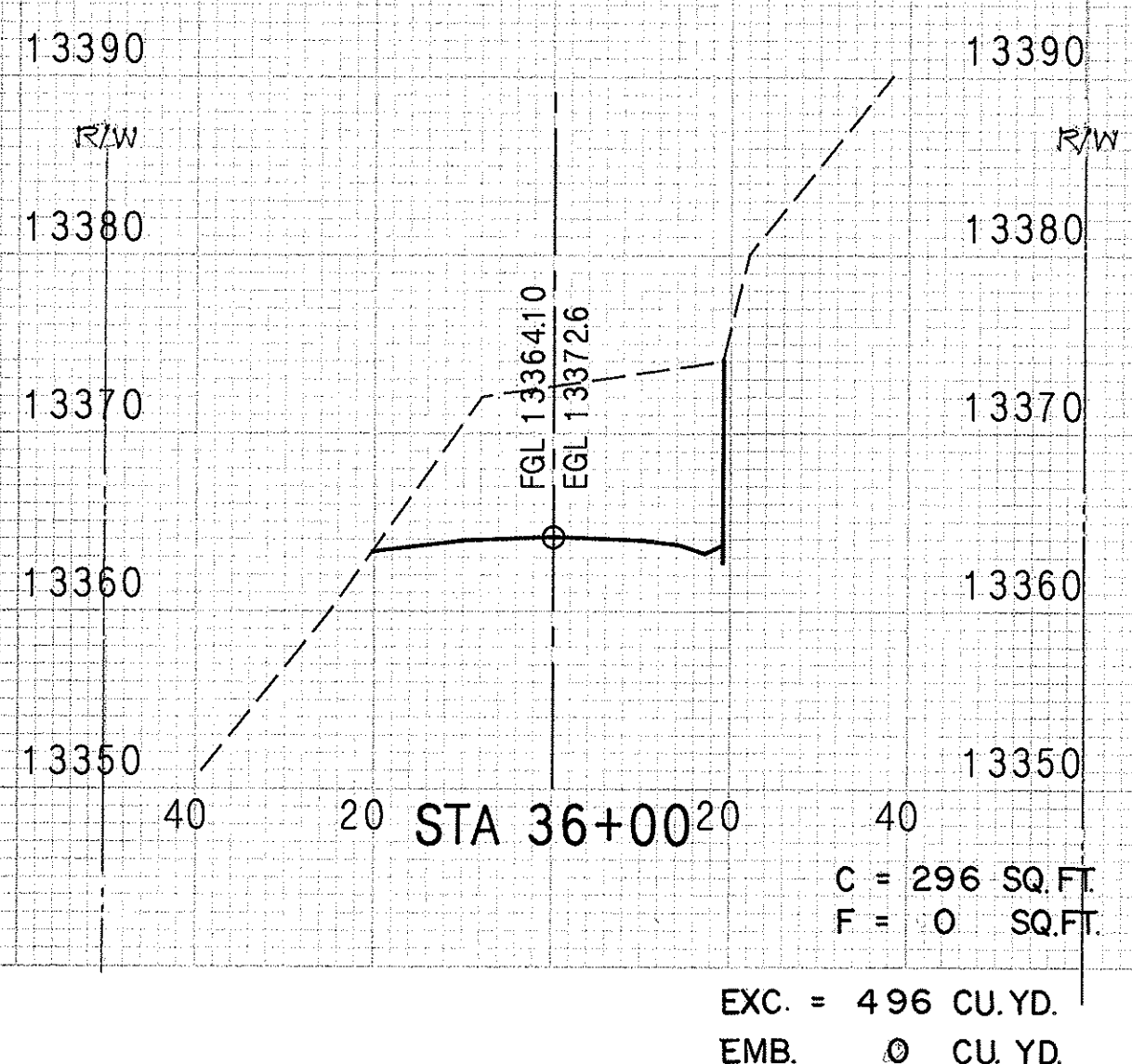
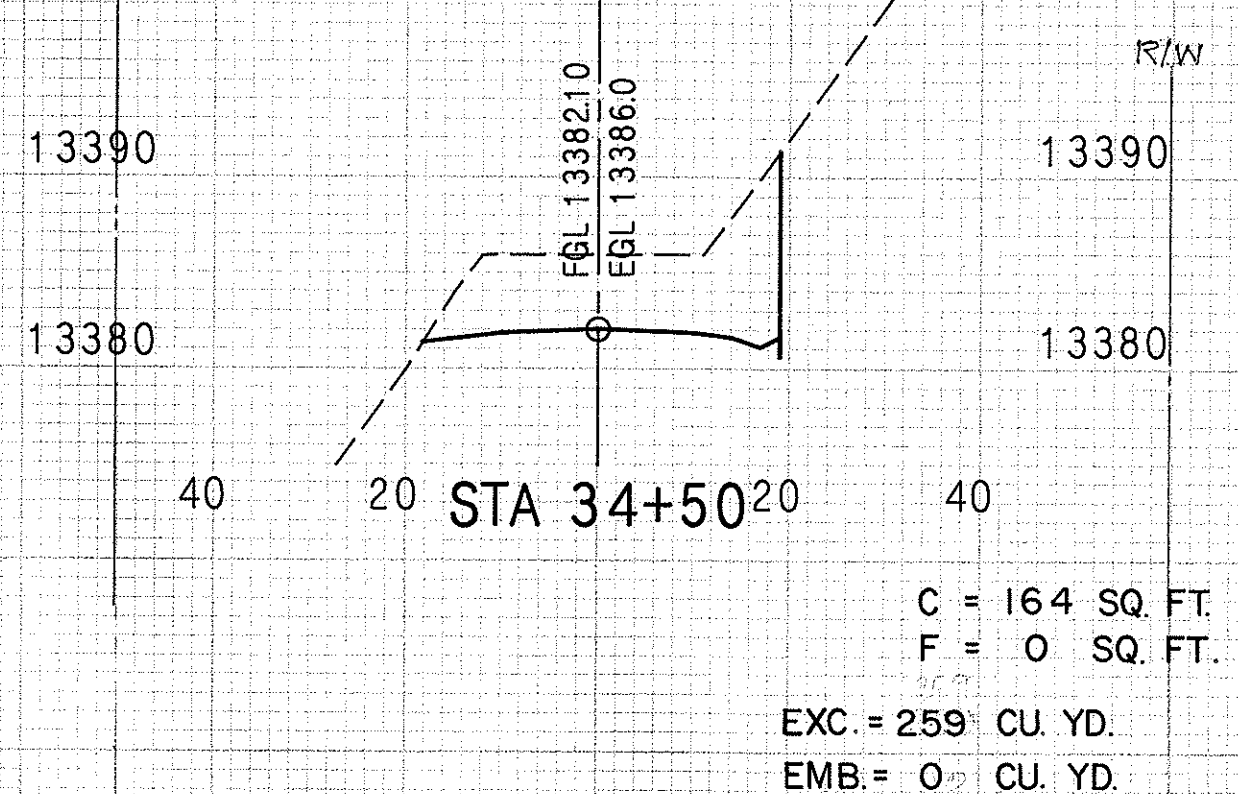
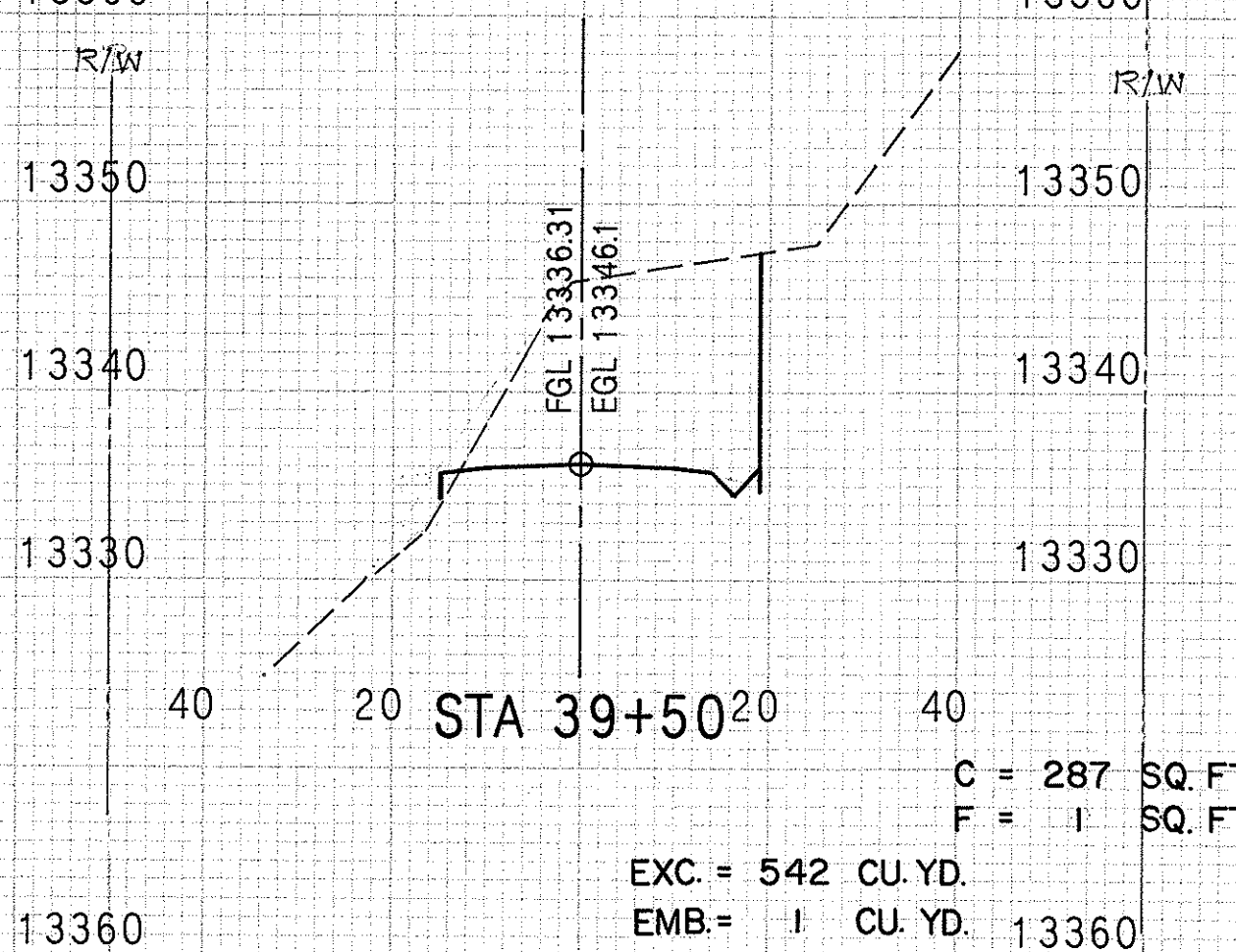
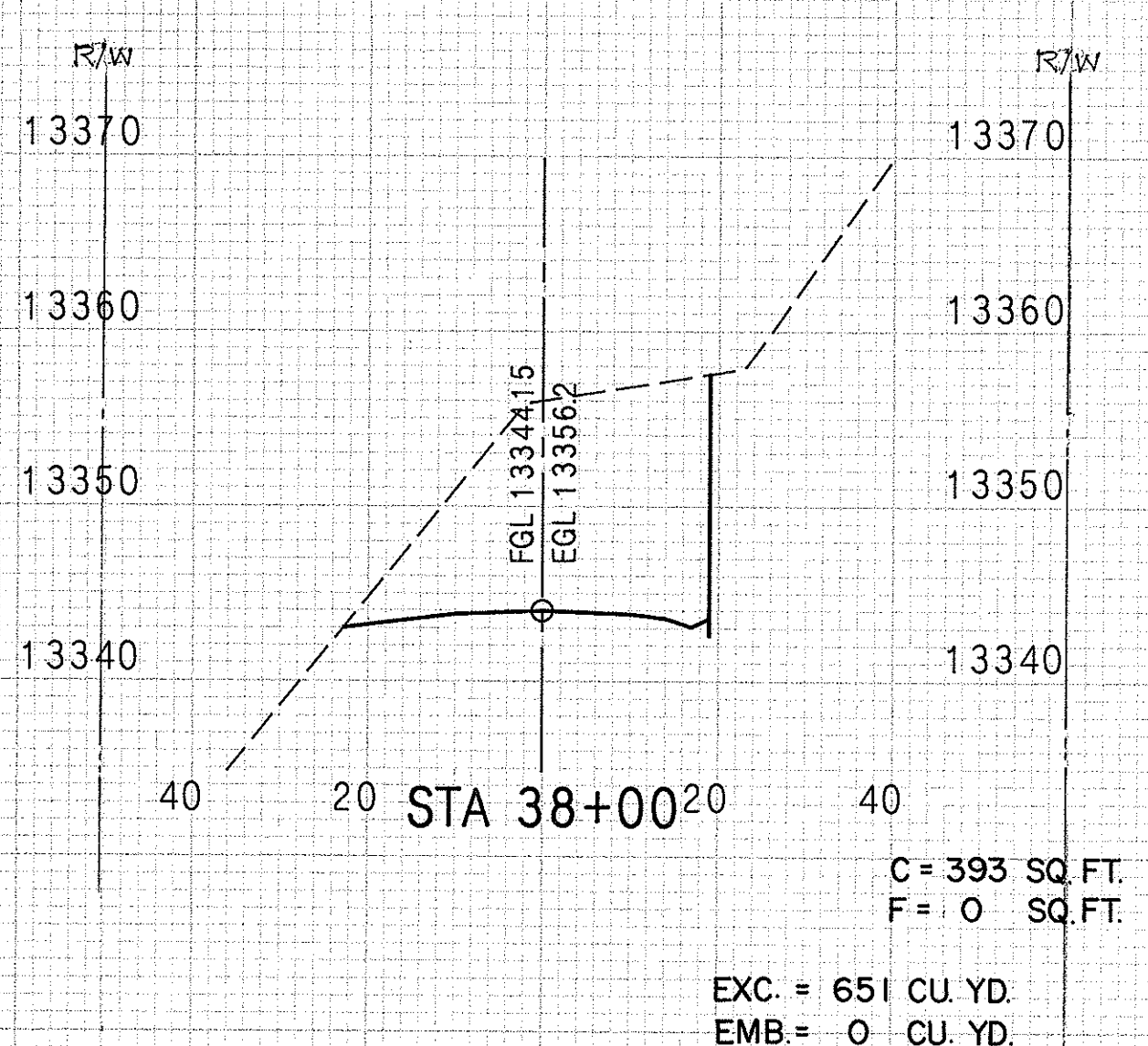
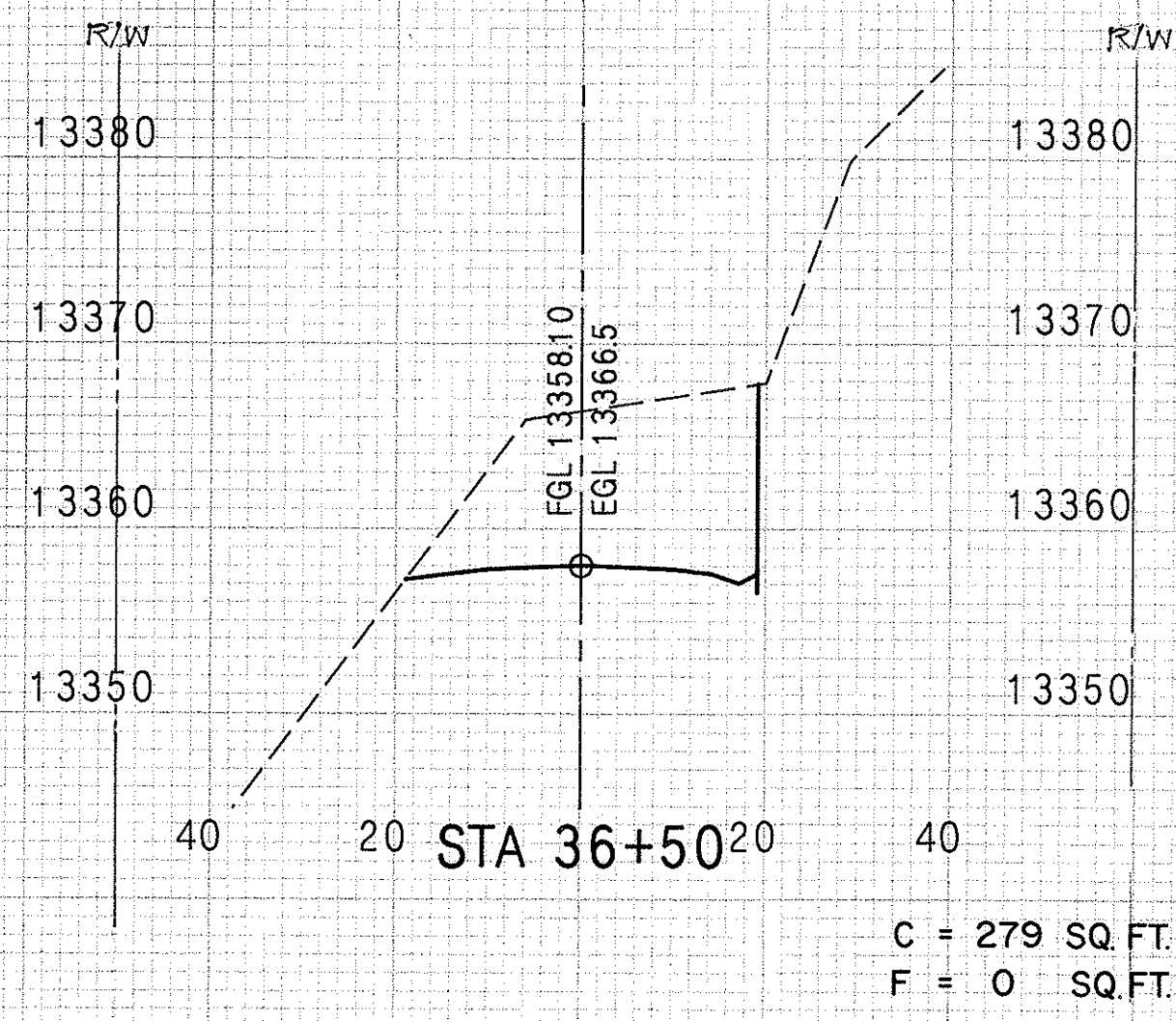
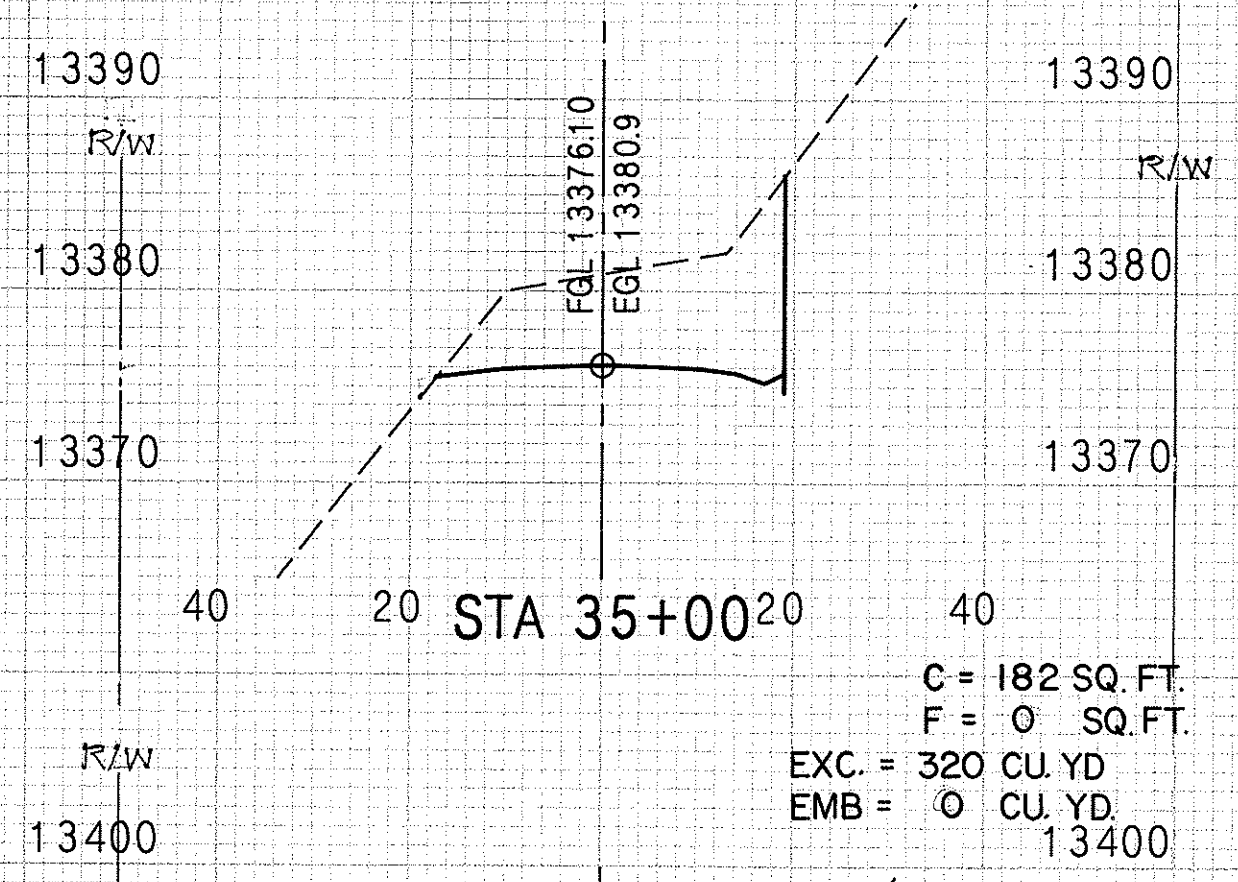
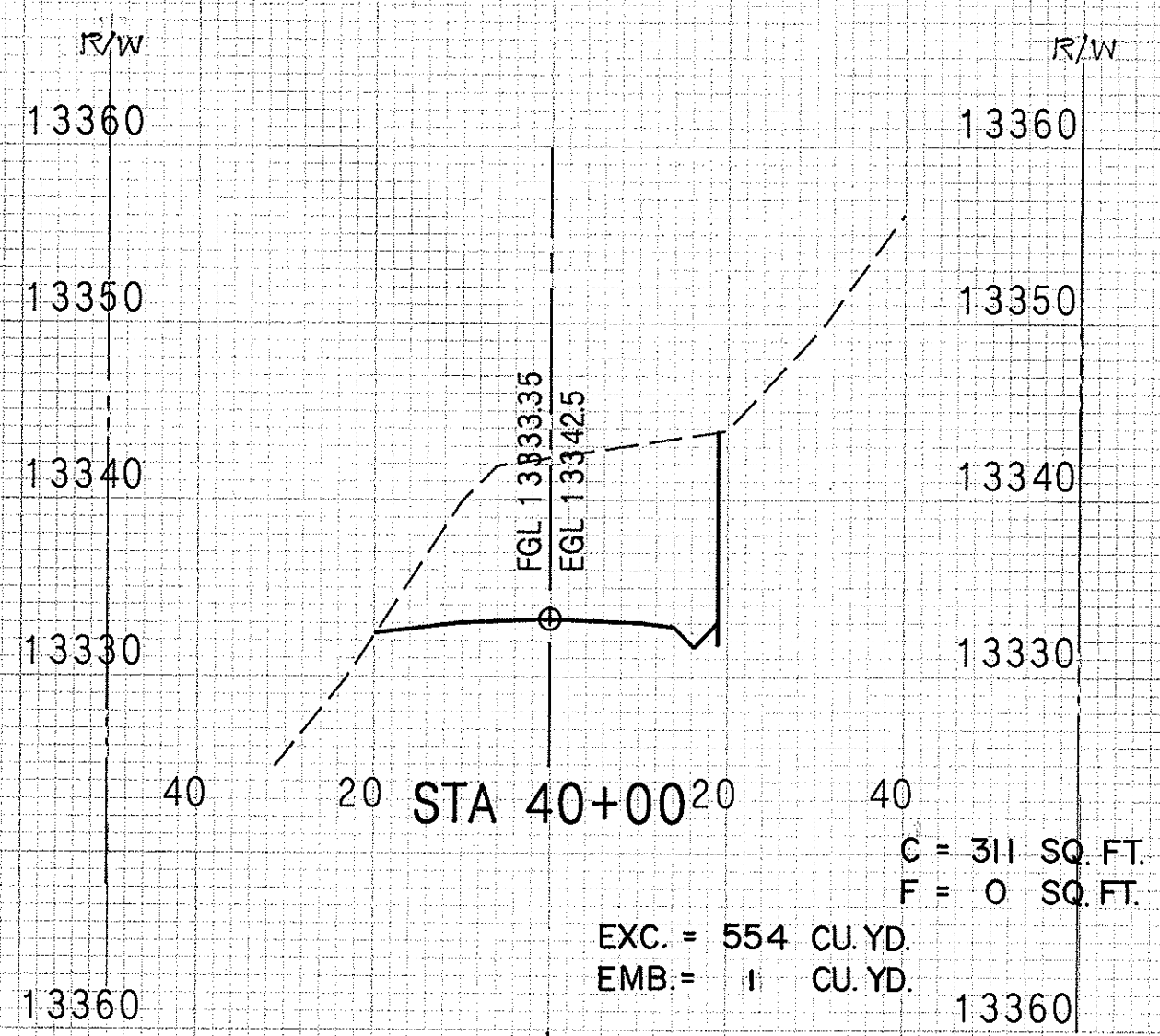
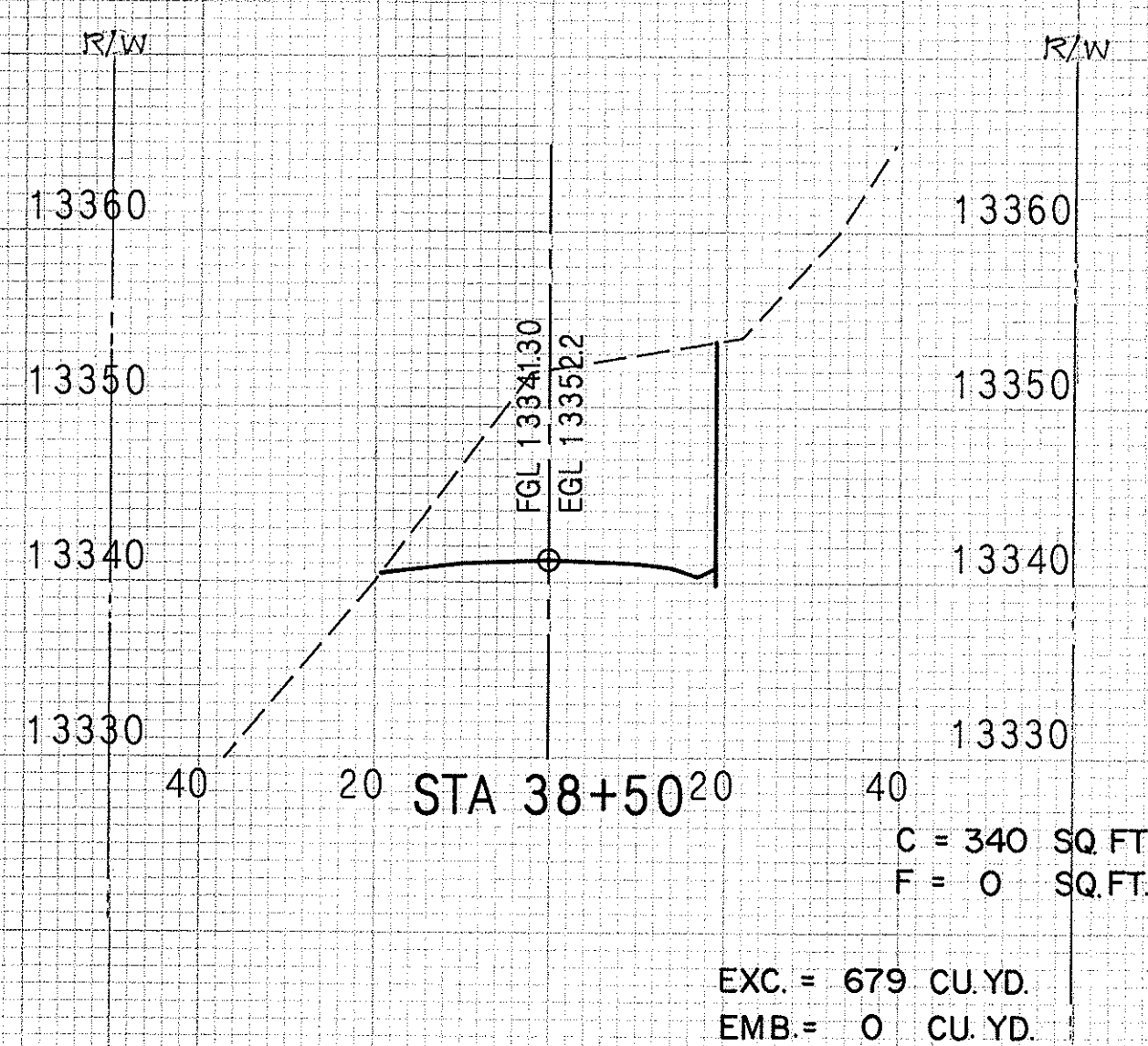
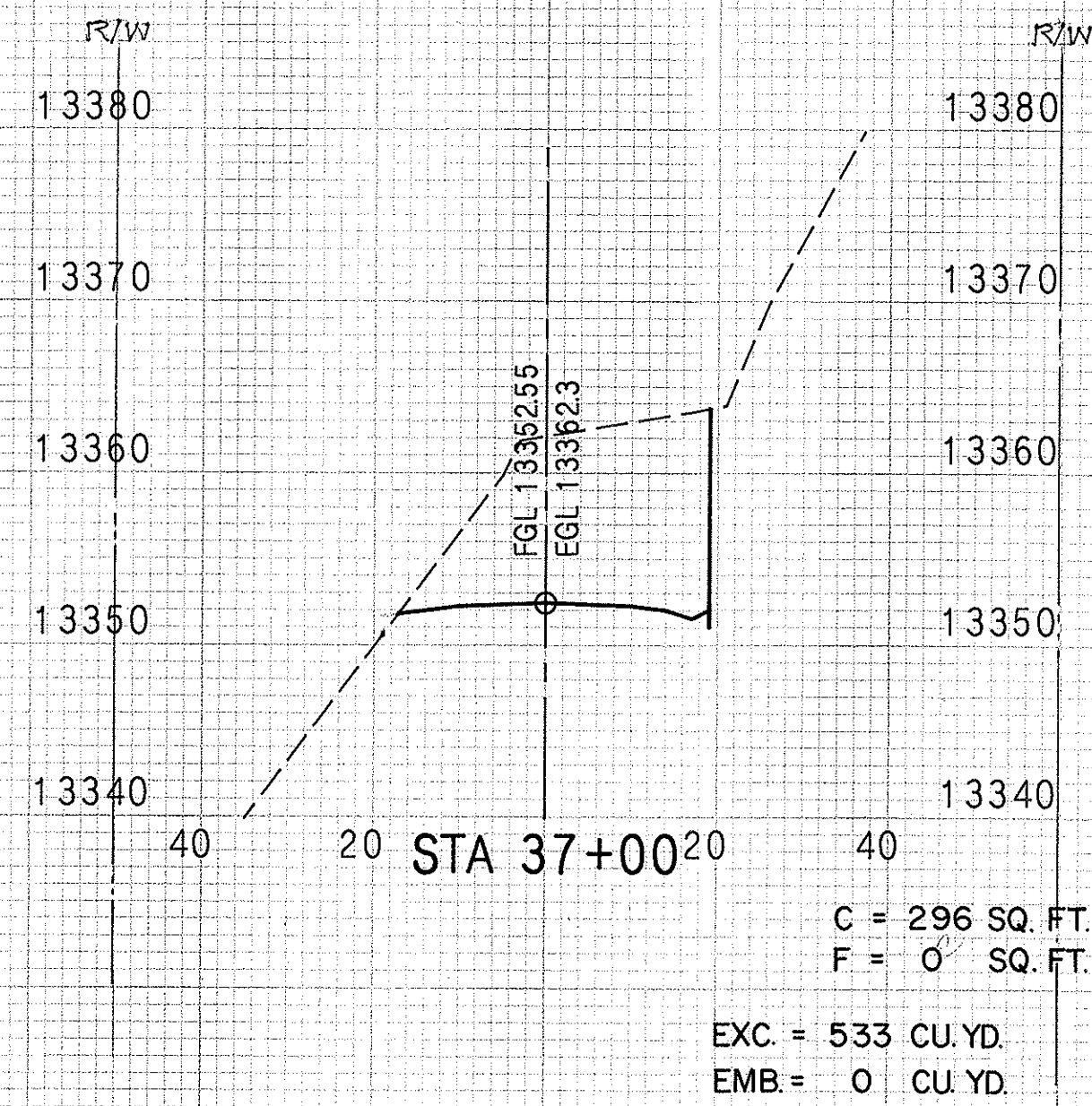
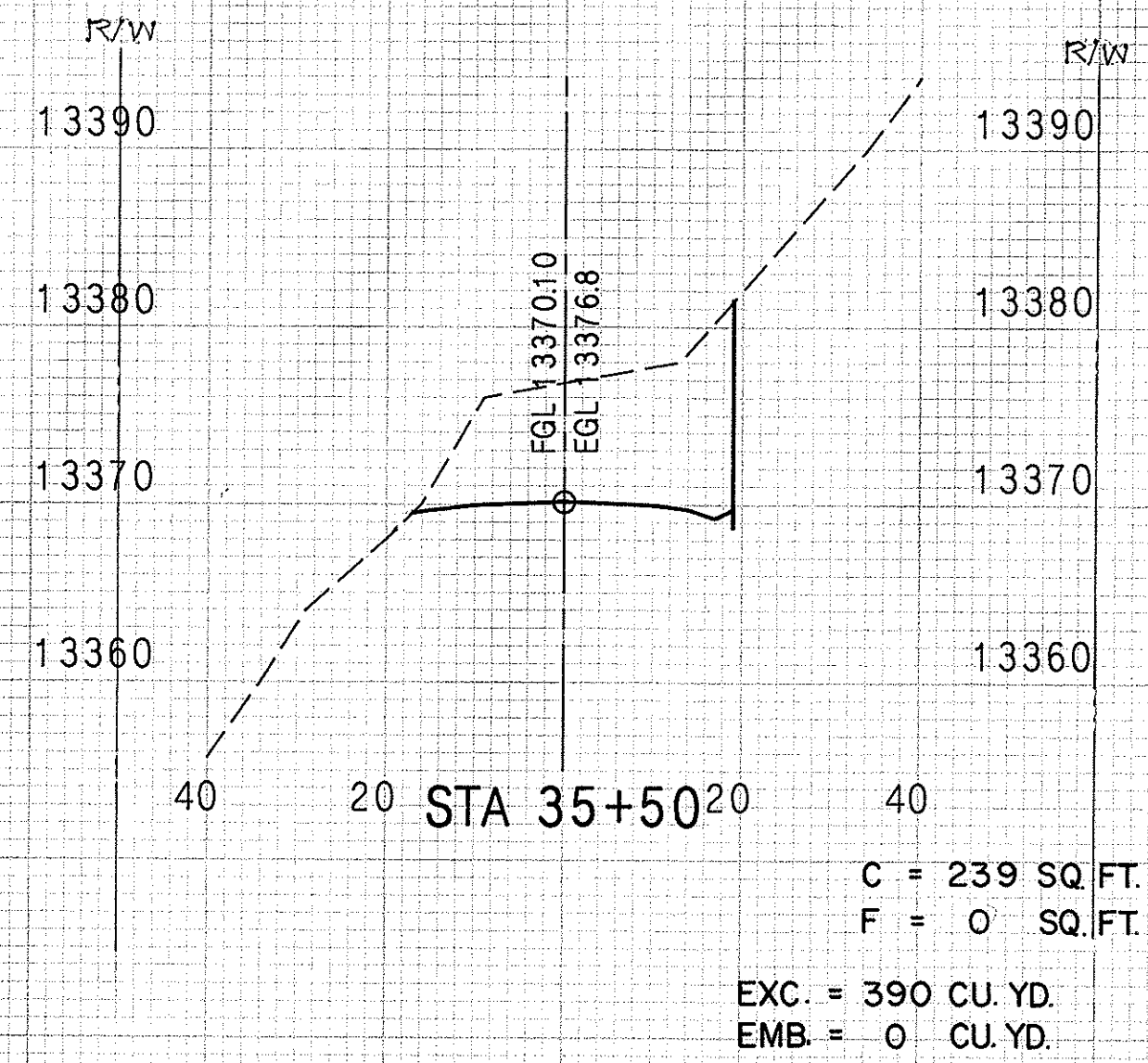
NO. 10 1/2 x 14 1/2 - CROSS SECTION 10 x 10
"CLEARPRINT" PAPER CO.,
MADE IN U.S.A.

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	HWY - H - 01-86	1987	53	115



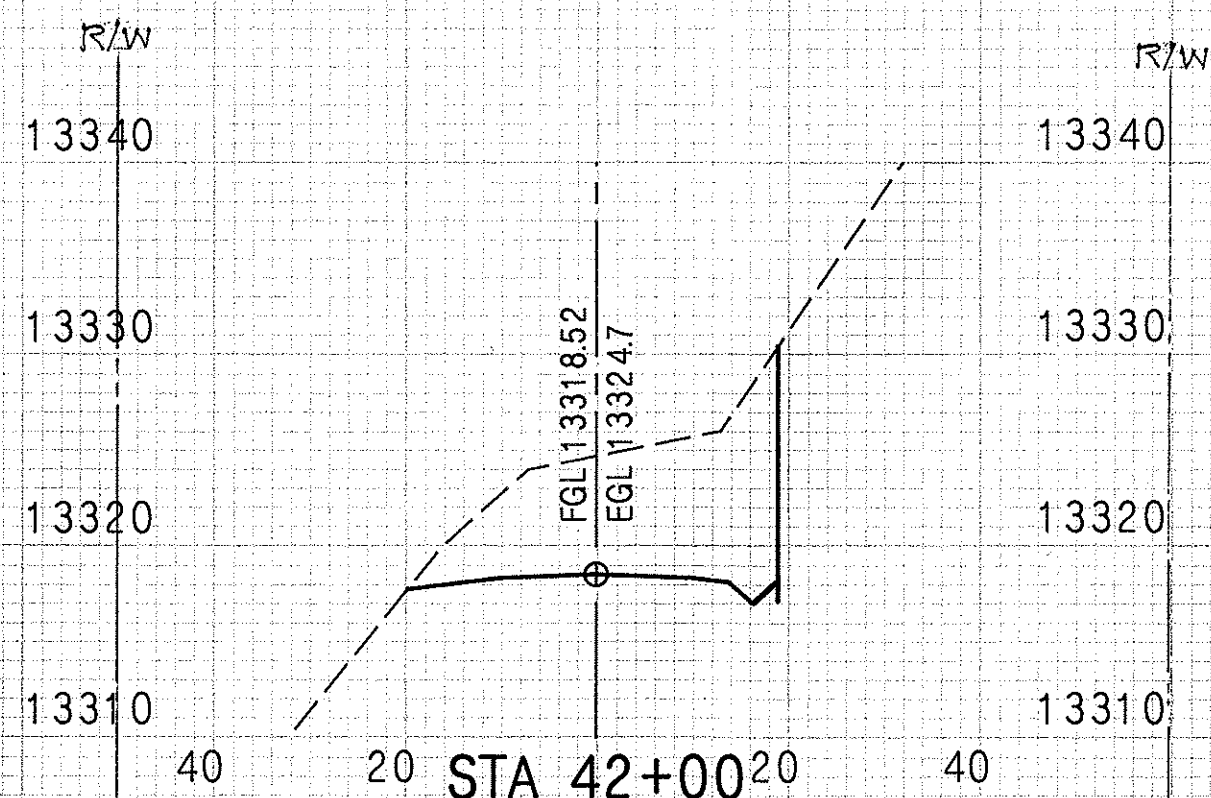
CROSS SECTIONS MAIN ACCESS ROAD STA. 27+00 TO STA. 33+50

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	HWY- H - 01 - 86	1987	54	115



CROSS SECTIONS
MAIN ACCESS ROAD
STA. 34+00 TO STA. 40+00

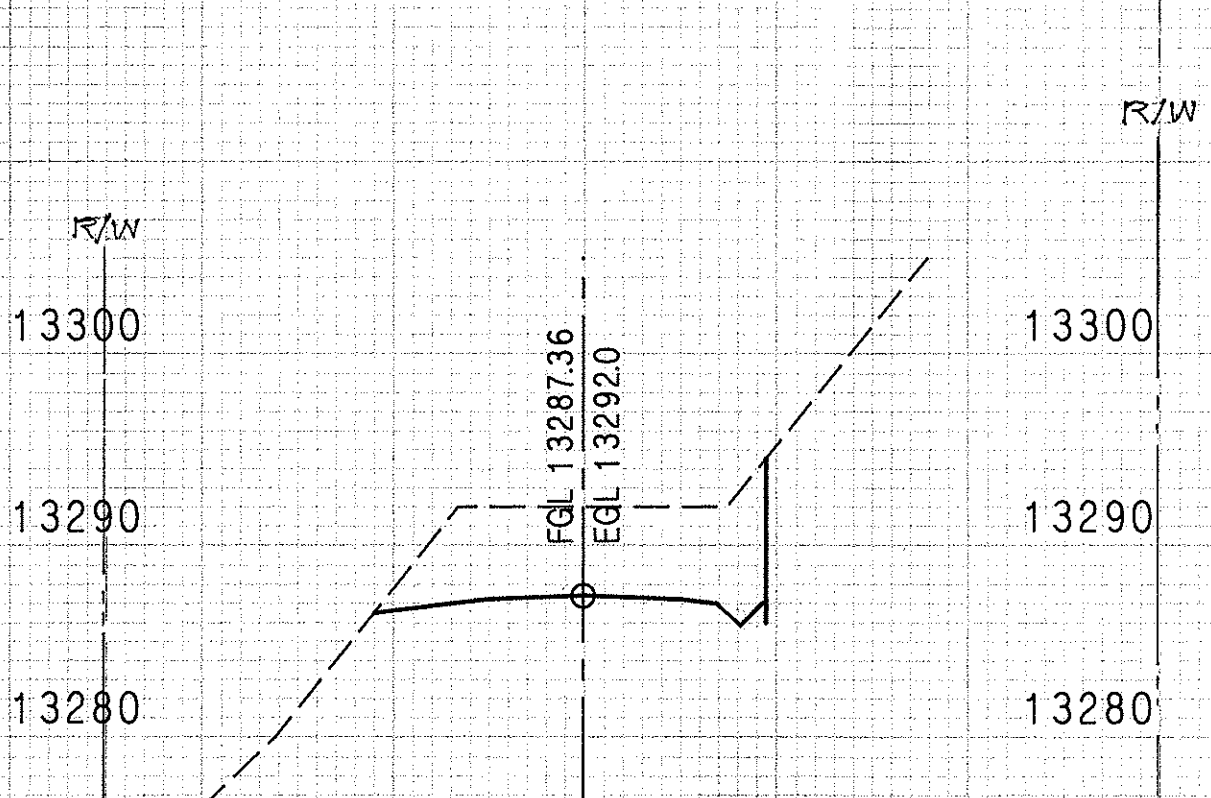
FED. ROAD DIST. NO	STATE	PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
HAWAII	HAW	HWY - H - 01 - 86	1987	55	115



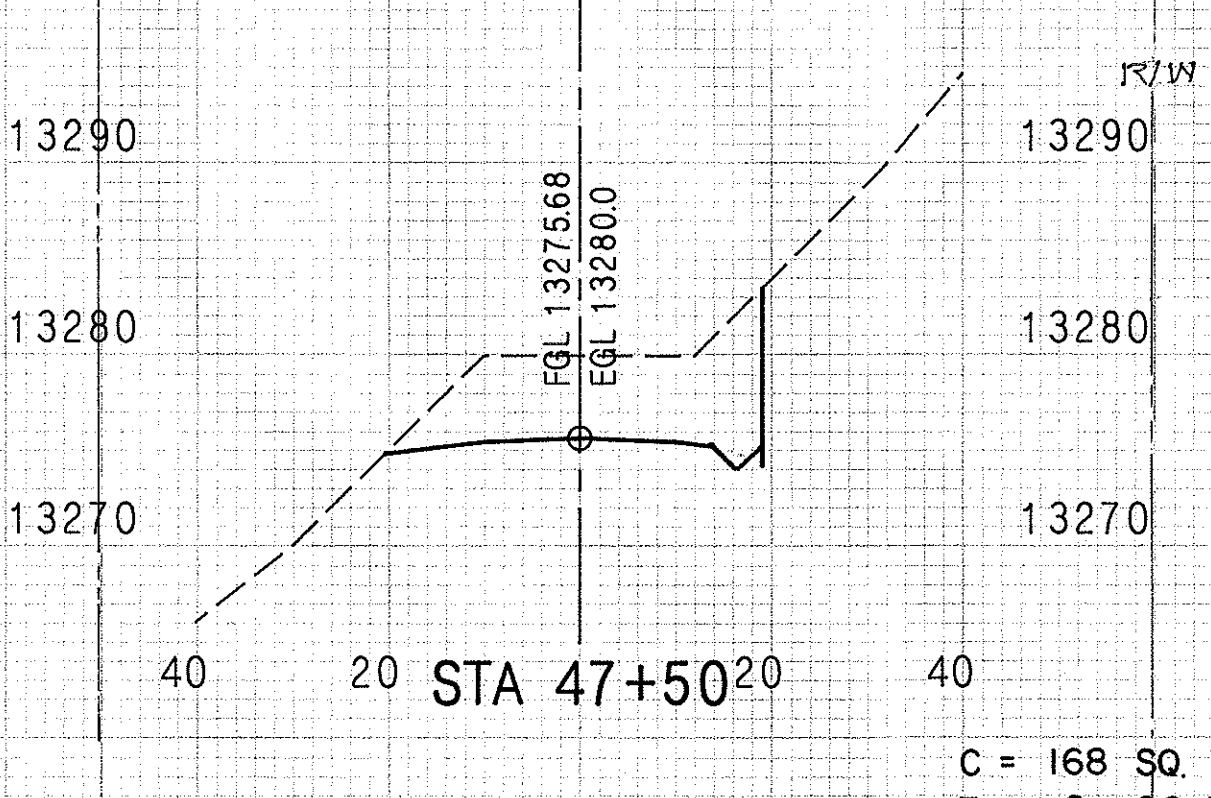
C = 232 SQ. FT.
F = 0 SQ. FT.
EXC. = 474 CU. YD.
EMB. = 0 CU. YD.



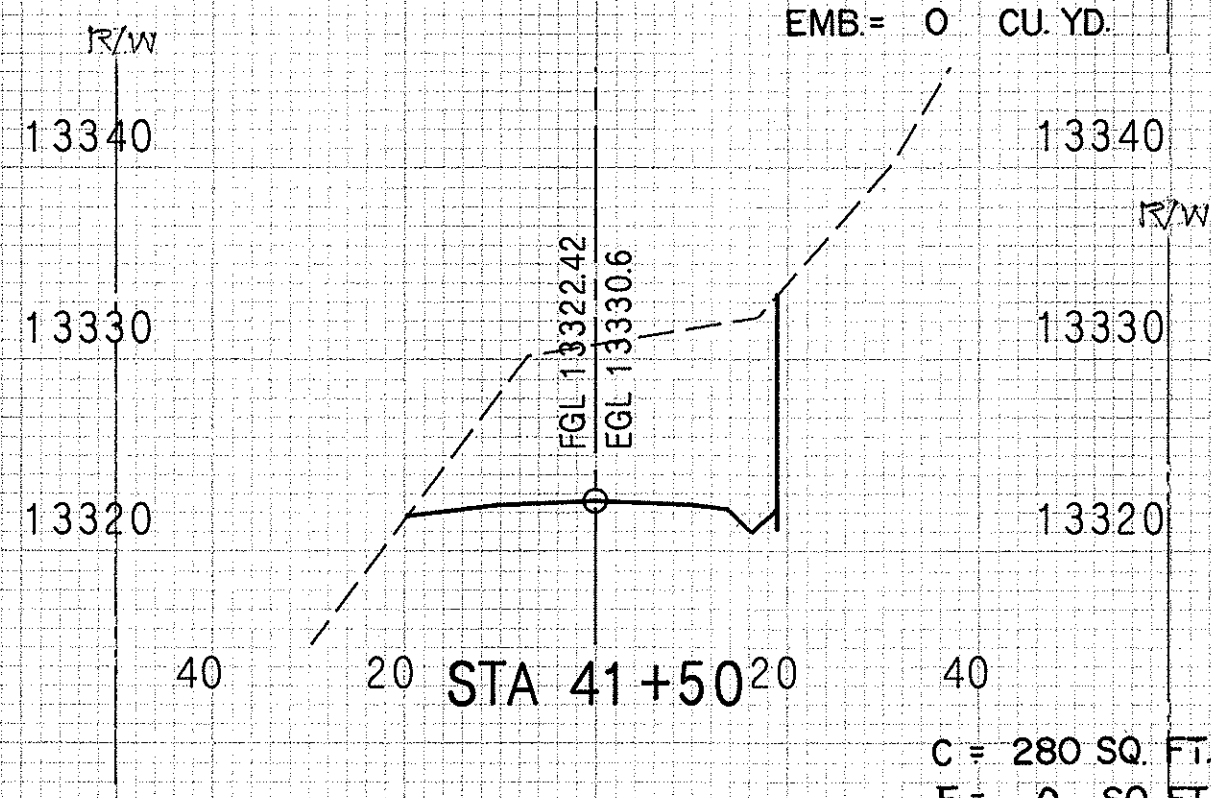
C = 247 SQ. FT.
F = 0 SQ. FT.
EXC. = 457 CU. YD.
EMB. = 0 CU. YD.



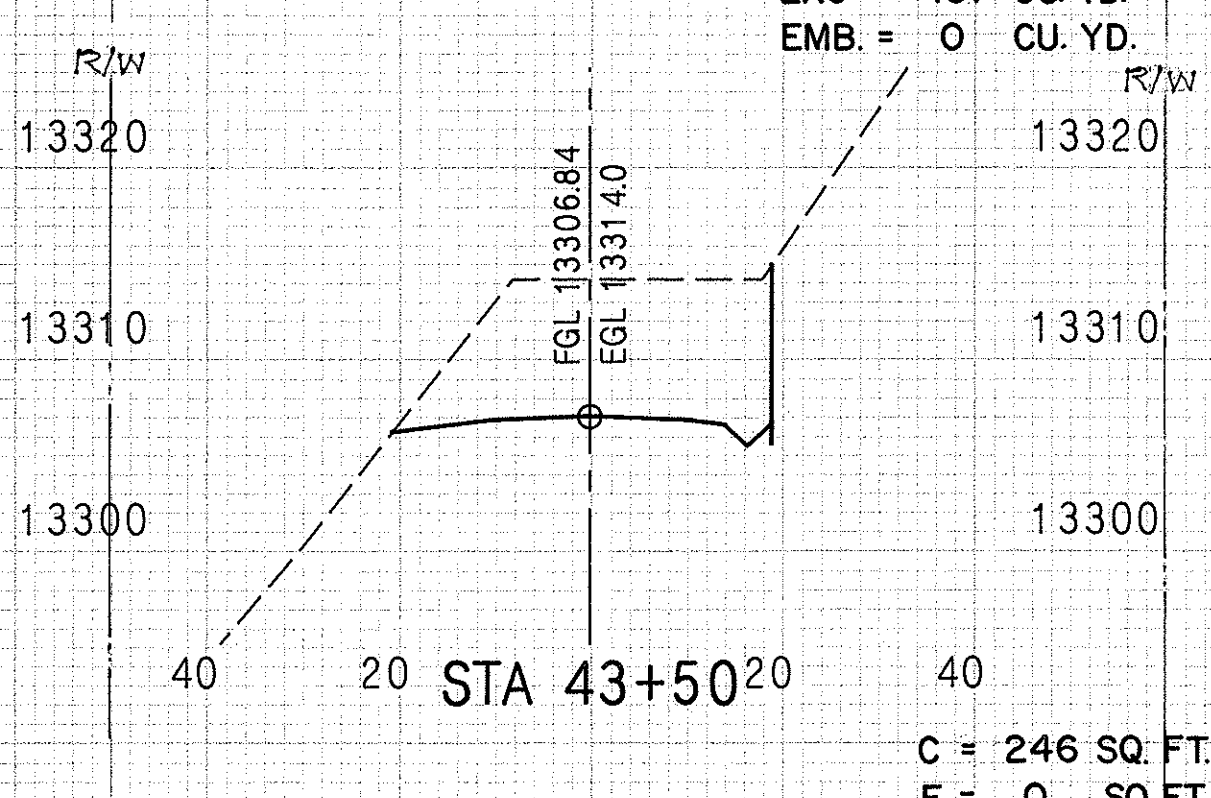
C = 183 SQ. FT.
F = 0 SQ. FT.
EXC. = 361 CU. YD.
EMB. = 0 CU. YD.



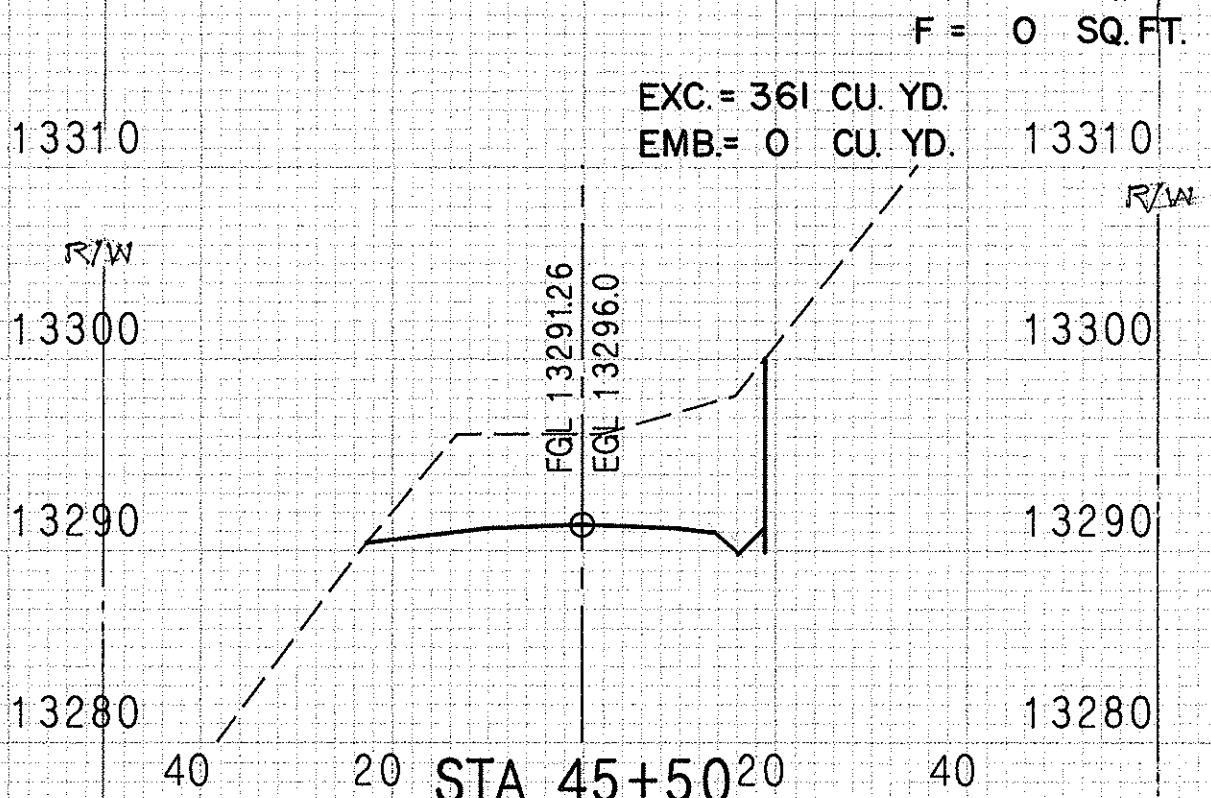
C = 168 SQ. FT.
F = 0 SQ. FT.
EXC. = 334 CU. YD.
EMB. = 0 CU. YD.



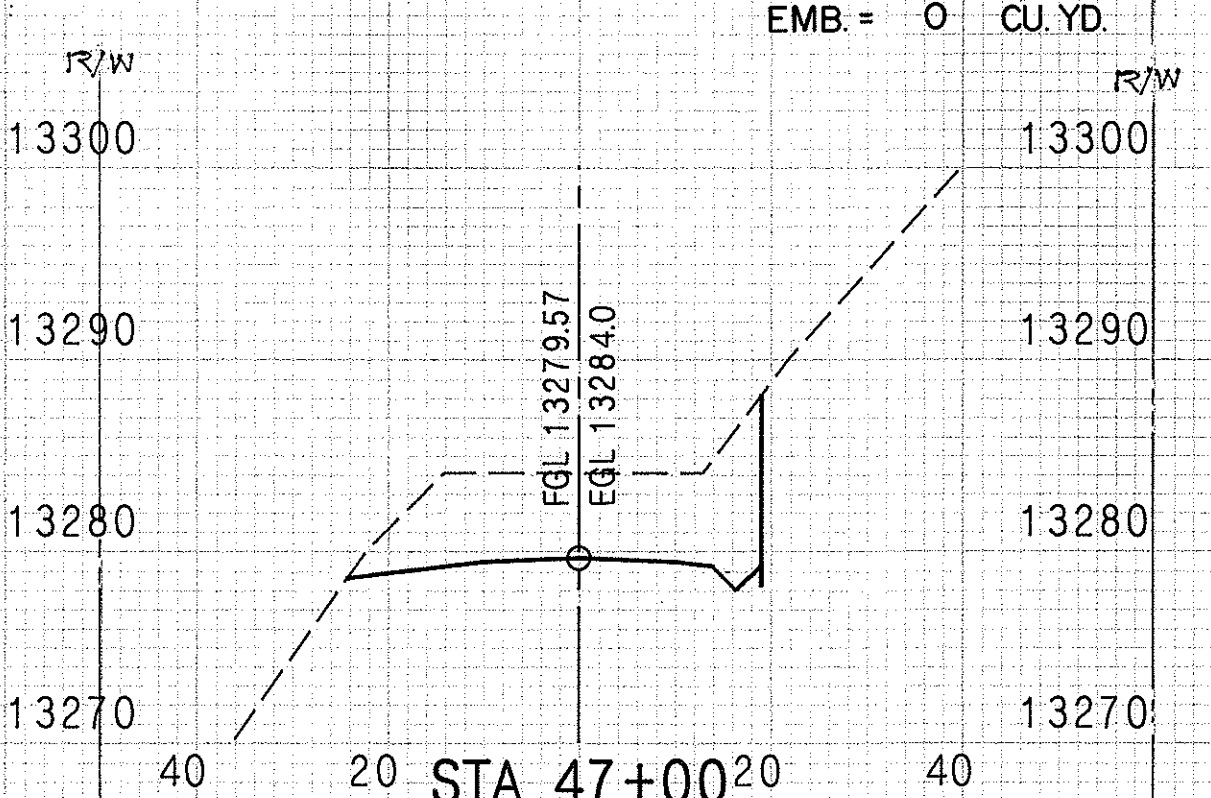
C = 280 SQ. FT.
F = 0 SQ. FT.
EXC. = 504 CU. YD.
EMB. = 1 CU. YD.



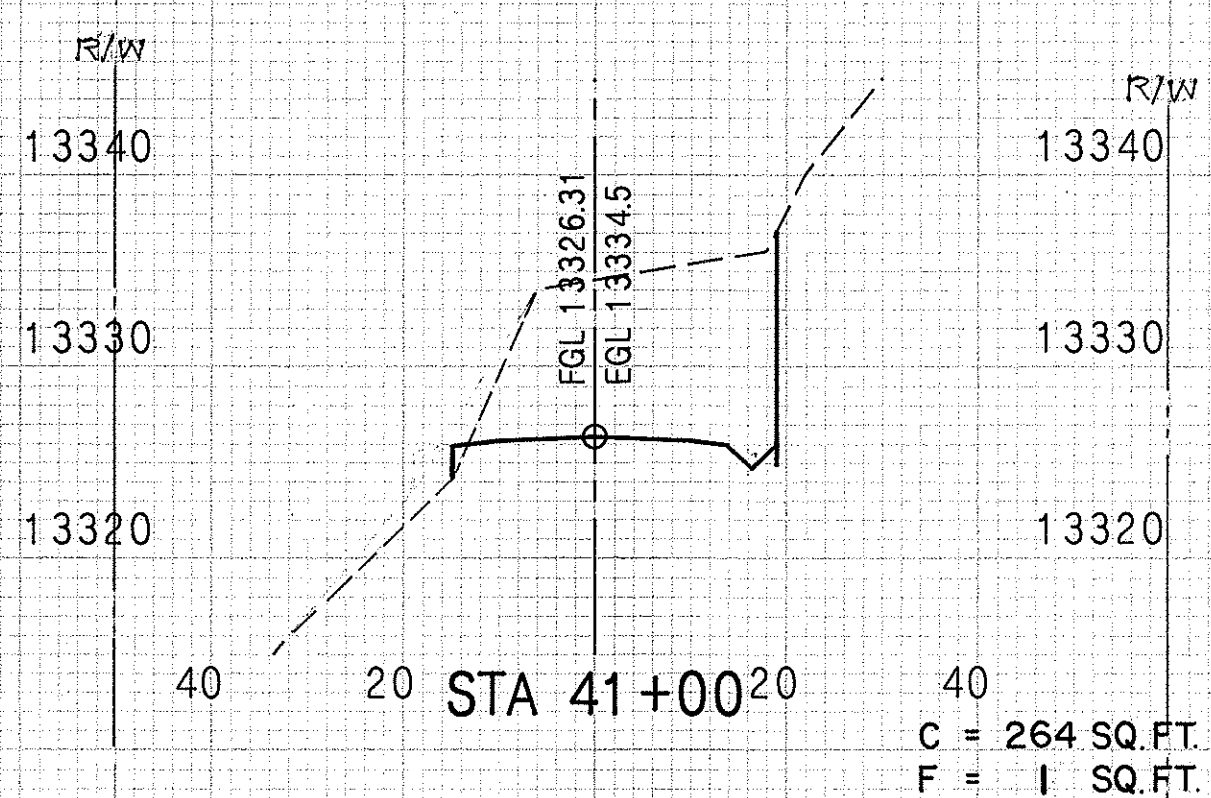
C = 246 SQ. FT.
F = 0 SQ. FT.
EXC. = 460 CU. YD.
EMB. = 0 CU. YD.



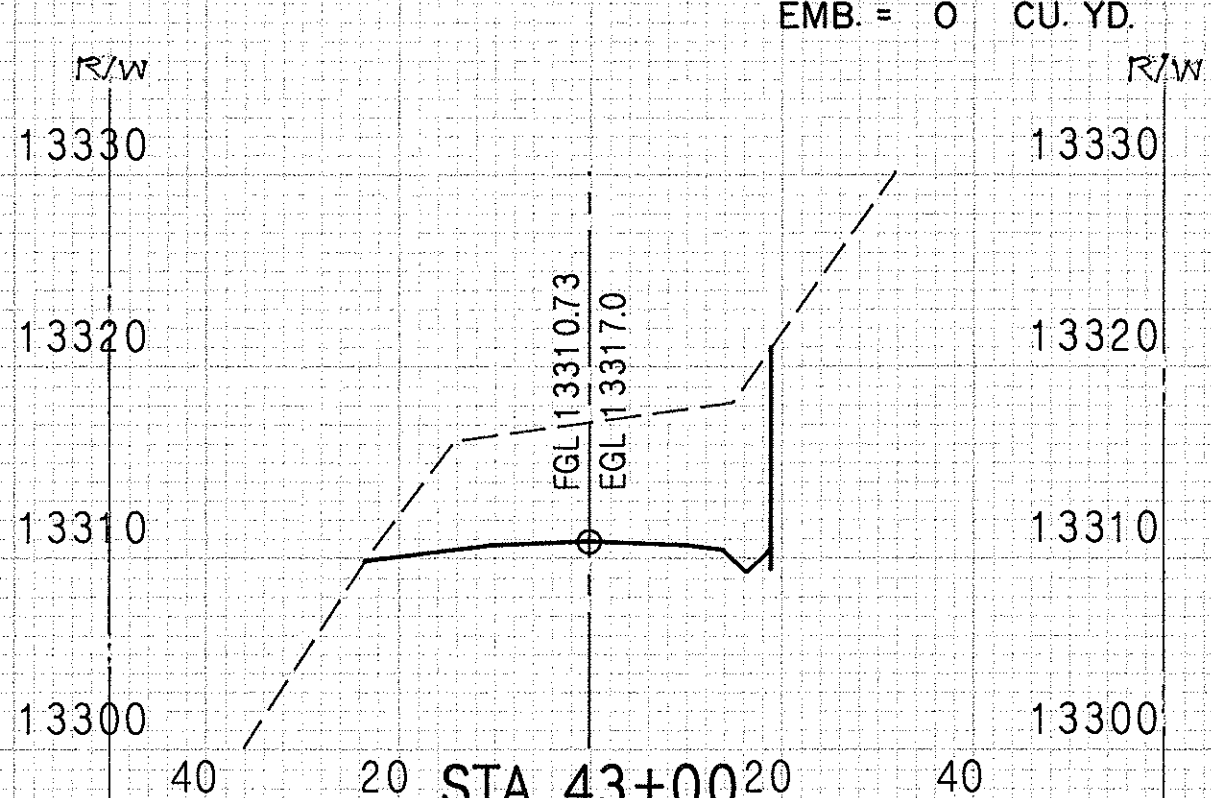
C = 207 SQ. FT.
F = 0 SQ. FT.
EXC. = 372 CU. YD.
EMB. = 0 CU. YD.



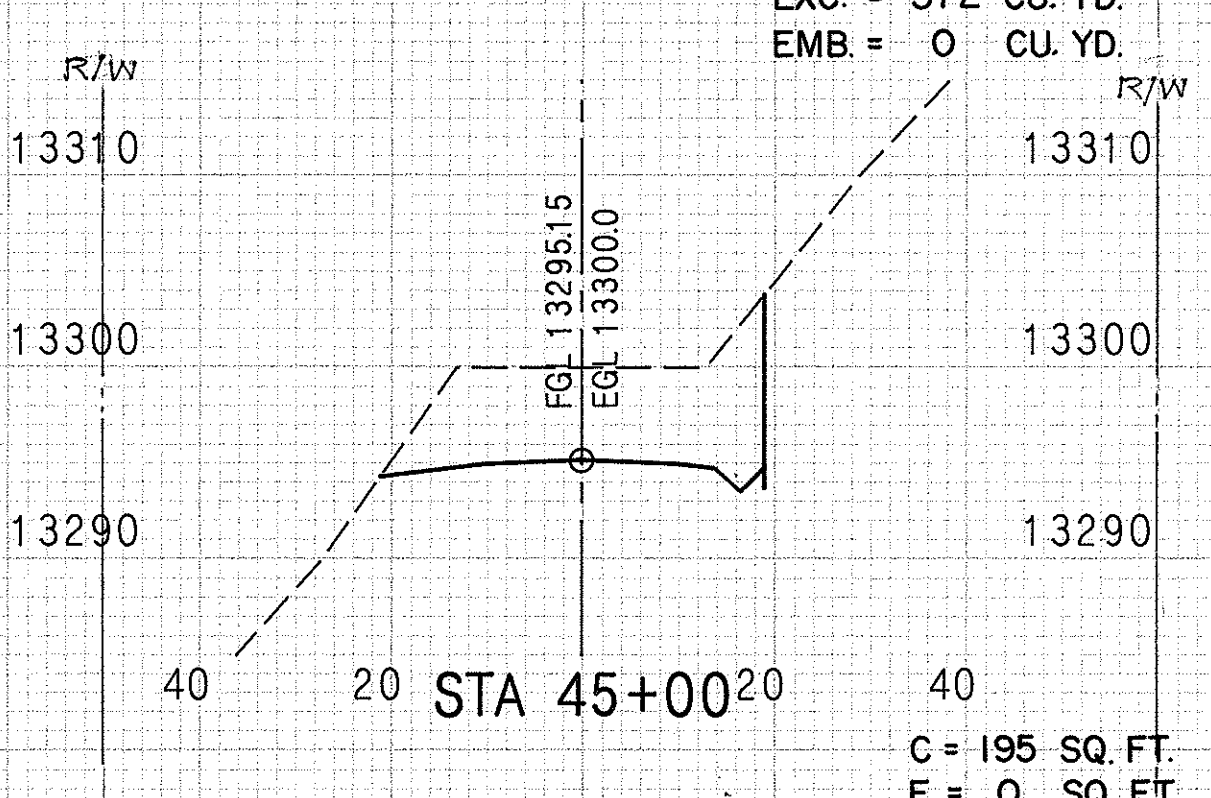
C = 193 SQ. FT.
F = 0 SQ. FT.
EXC. = 358 CU. YD.
EMB. = 0 CU. YD.



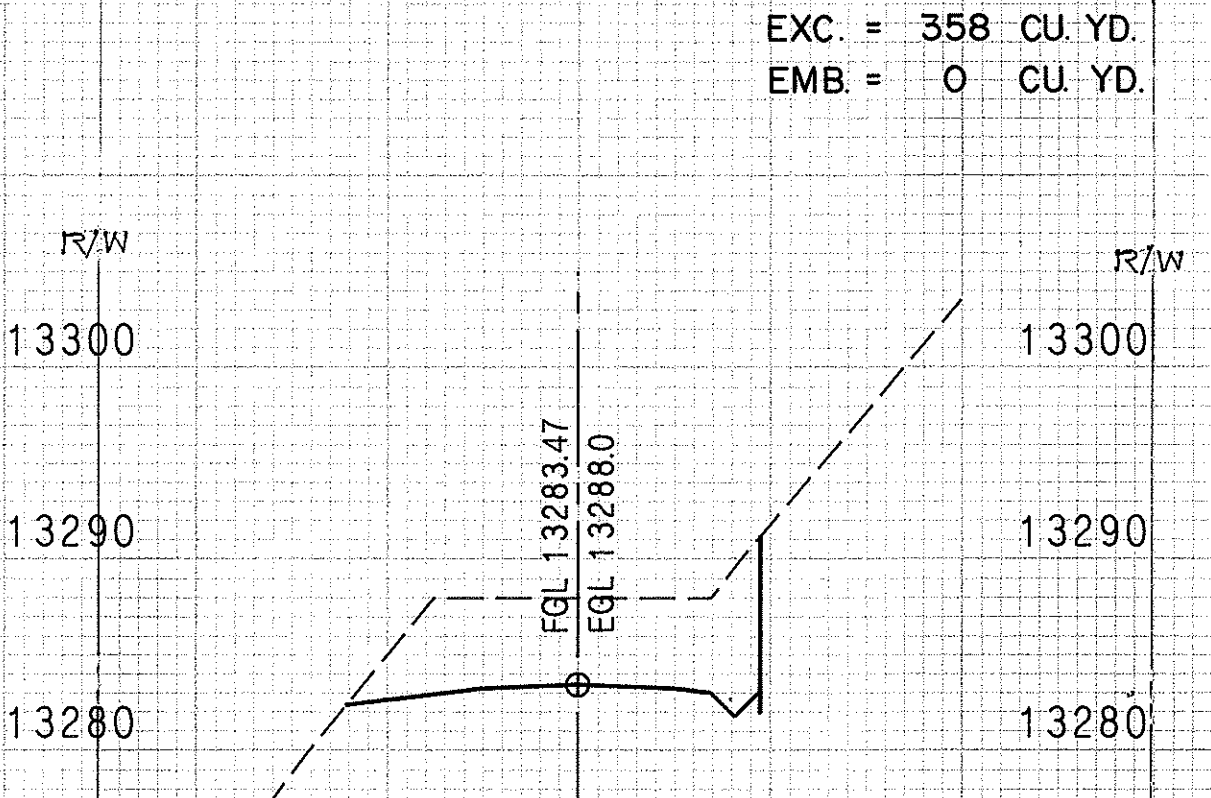
C = 264 SQ. FT.
F = 1 SQ. FT.
EXC. = 516 CU. YD.
EMB. = 1 CU. YD.



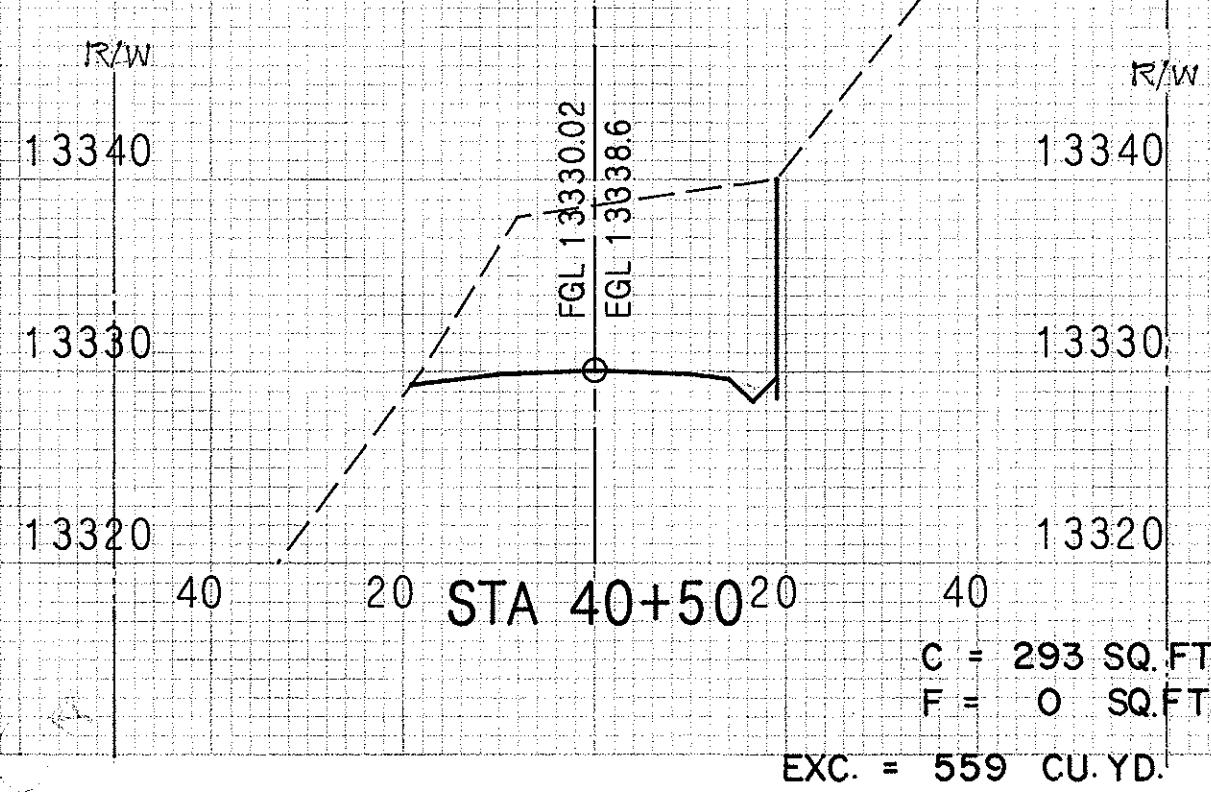
C = 251 SQ. FT.
F = 0 SQ. FT.
EXC. = 445 CU. YD.
EMB. = 0 CU. YD.



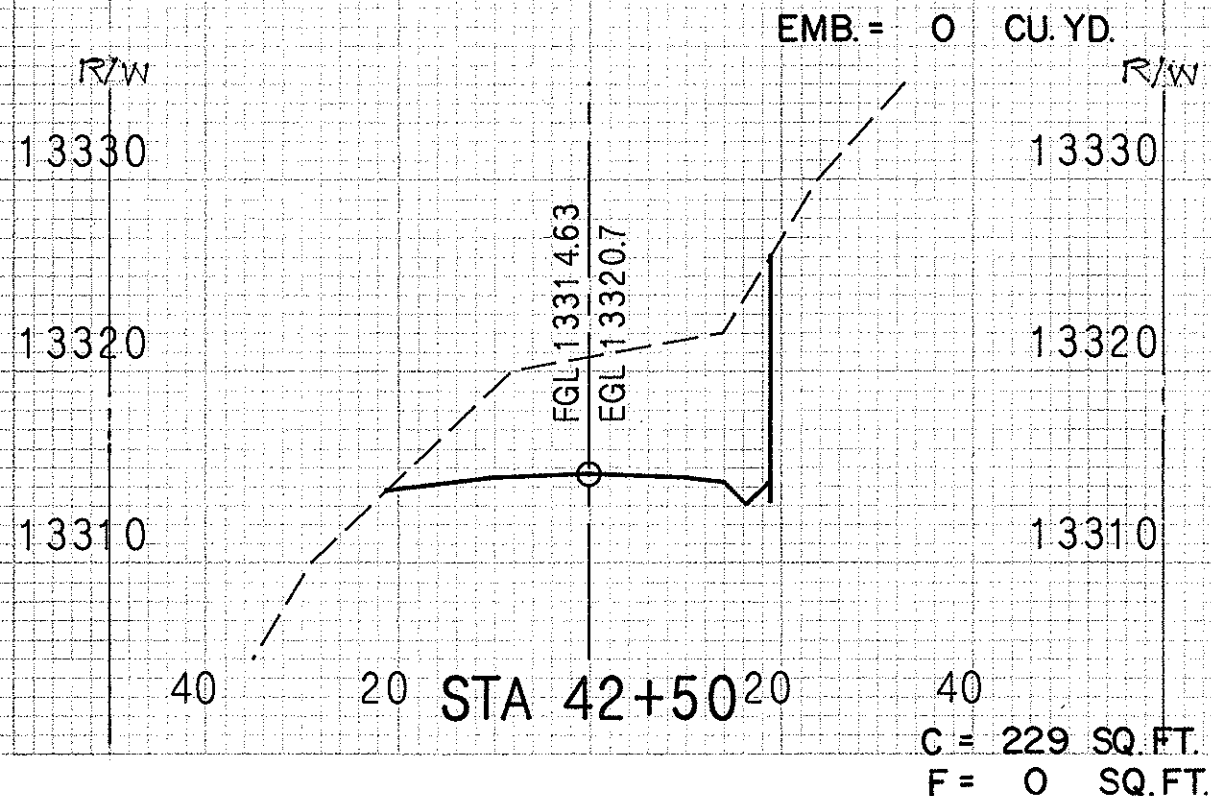
C = 195 SQ. FT.
F = 0 SQ. FT.
EXC. = 379 CU. YD.
EMB. = 0 CU. YD.



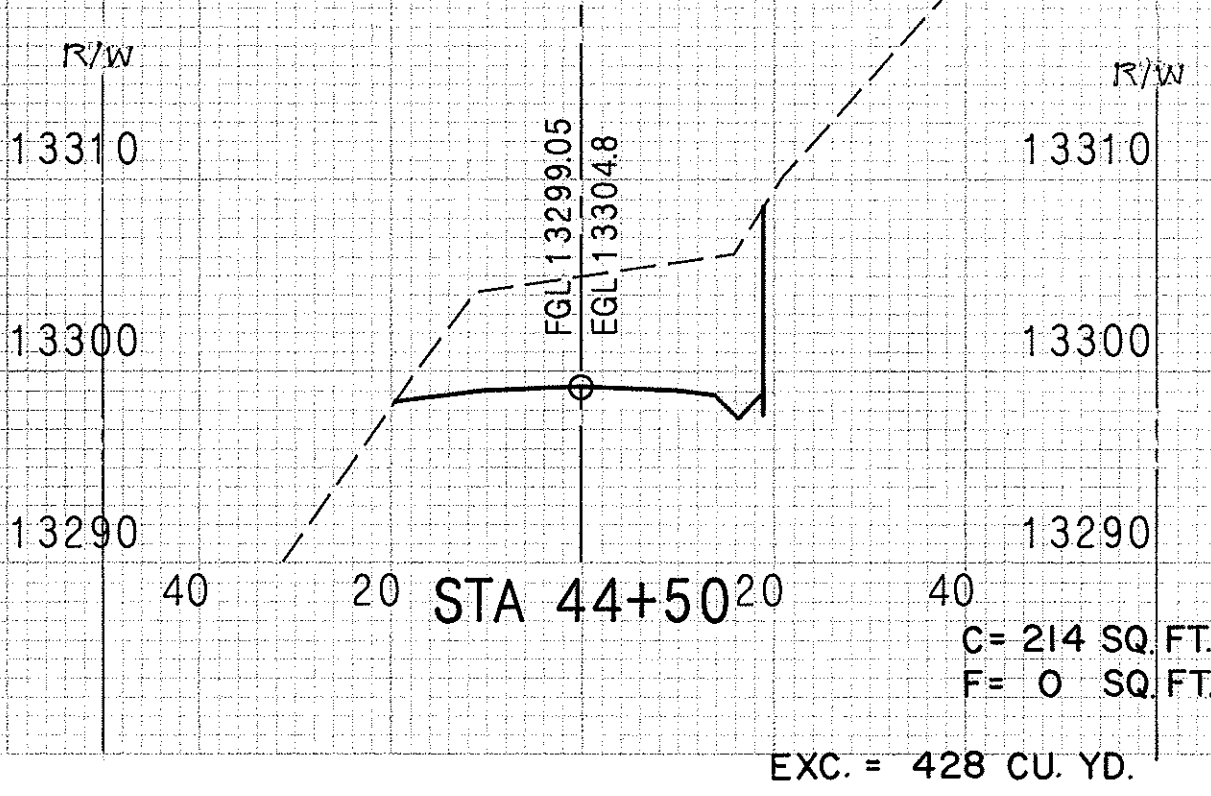
C = 194 SQ. FT.
F = 0 SQ. FT.
EXC. = 349 CU. YD.
EMB. = 0 CU. YD.



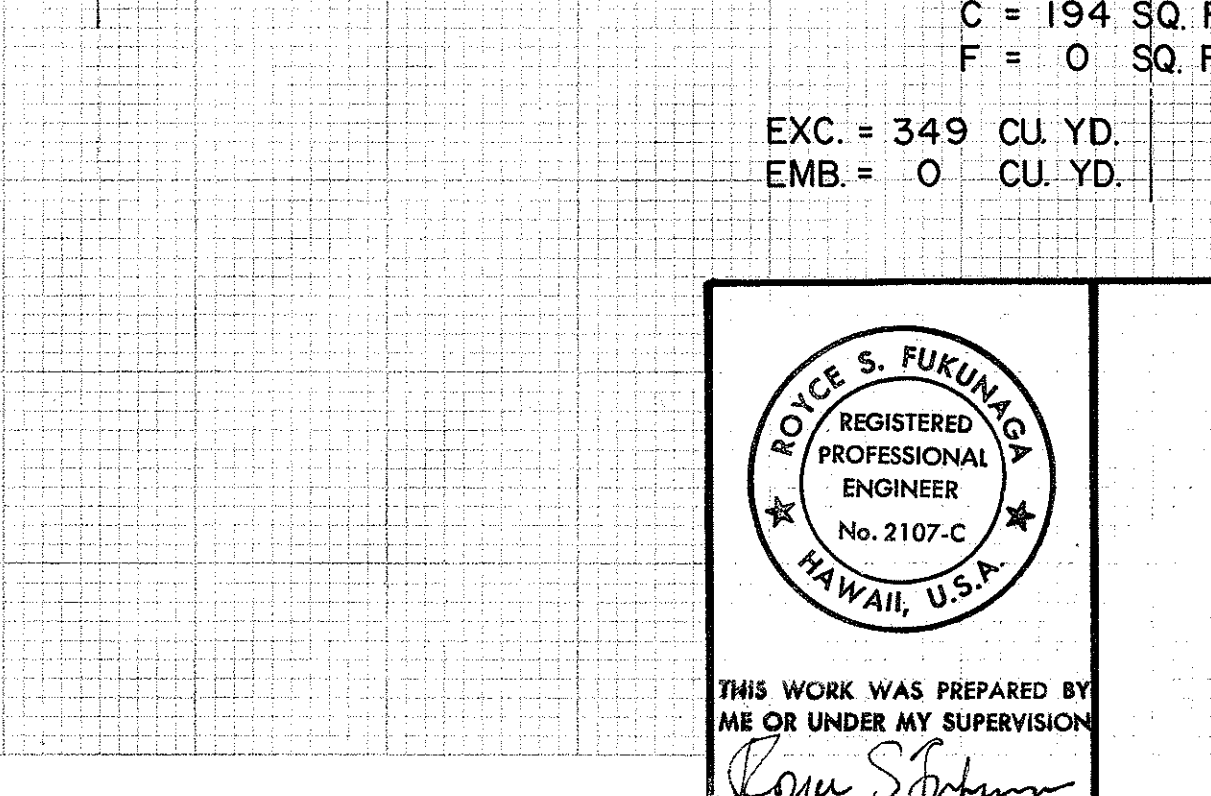
C = 293 SQ. FT.
F = 0 SQ. FT.
EXC. = 559 CU. YD.
EMB. = 0 CU. YD.



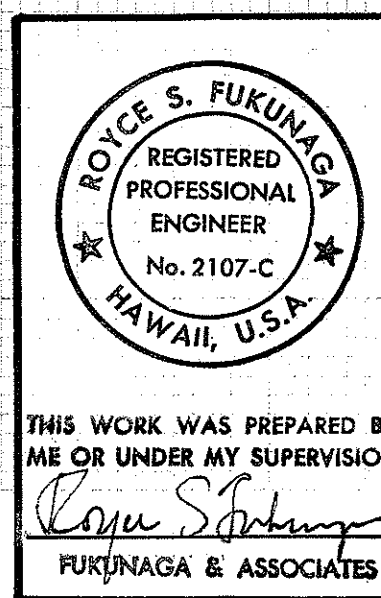
C = 229 SQ. FT.
F = 0 SQ. FT.
EXC. = 427 CU. YD.
EMB. = 0 CU. YD.



C = 214 SQ. FT.
F = 0 SQ. FT.
EXC. = 428 CU. YD.
EMB. = 0 CU. YD.

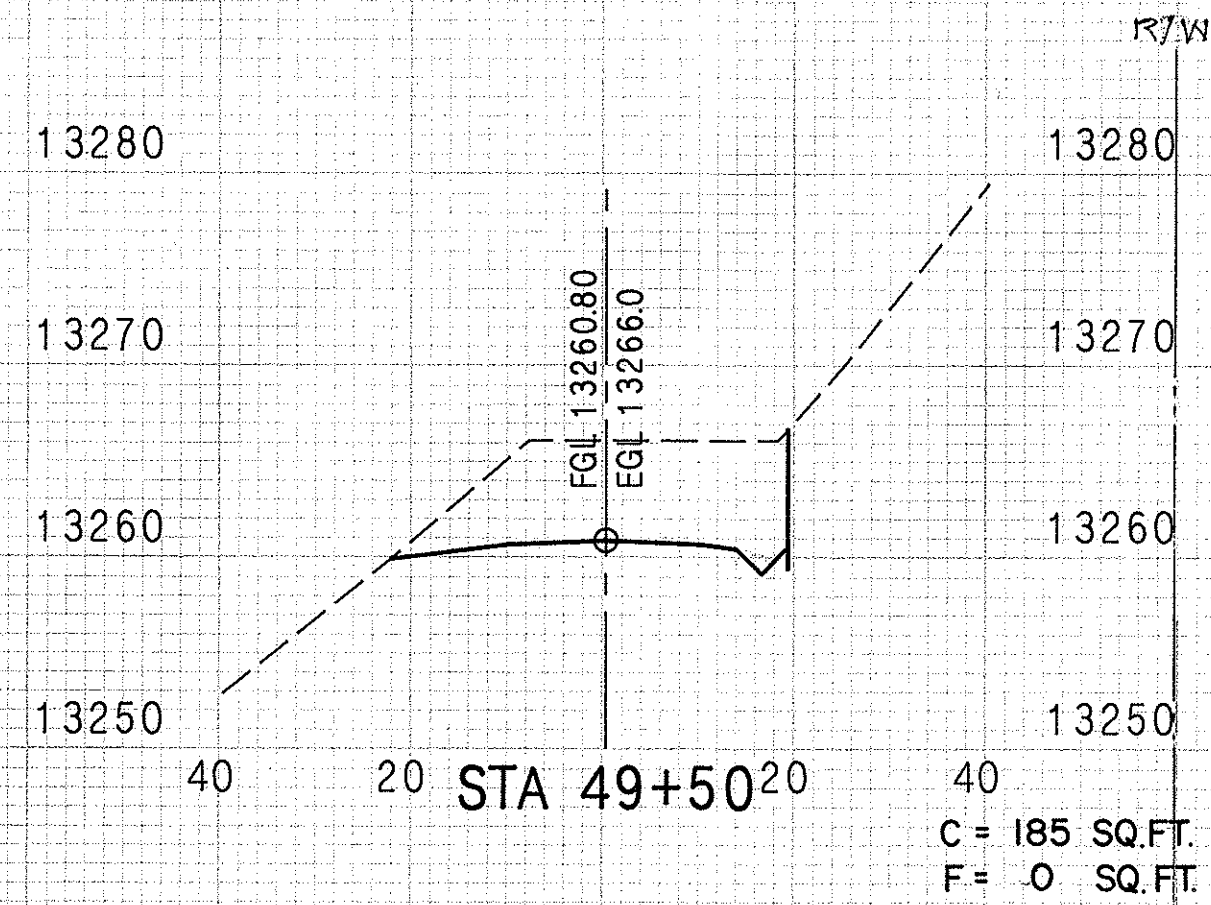


C = 194 SQ. FT.
F = 0 SQ. FT.
EXC. = 349 CU. YD.
EMB. = 0 CU. YD.

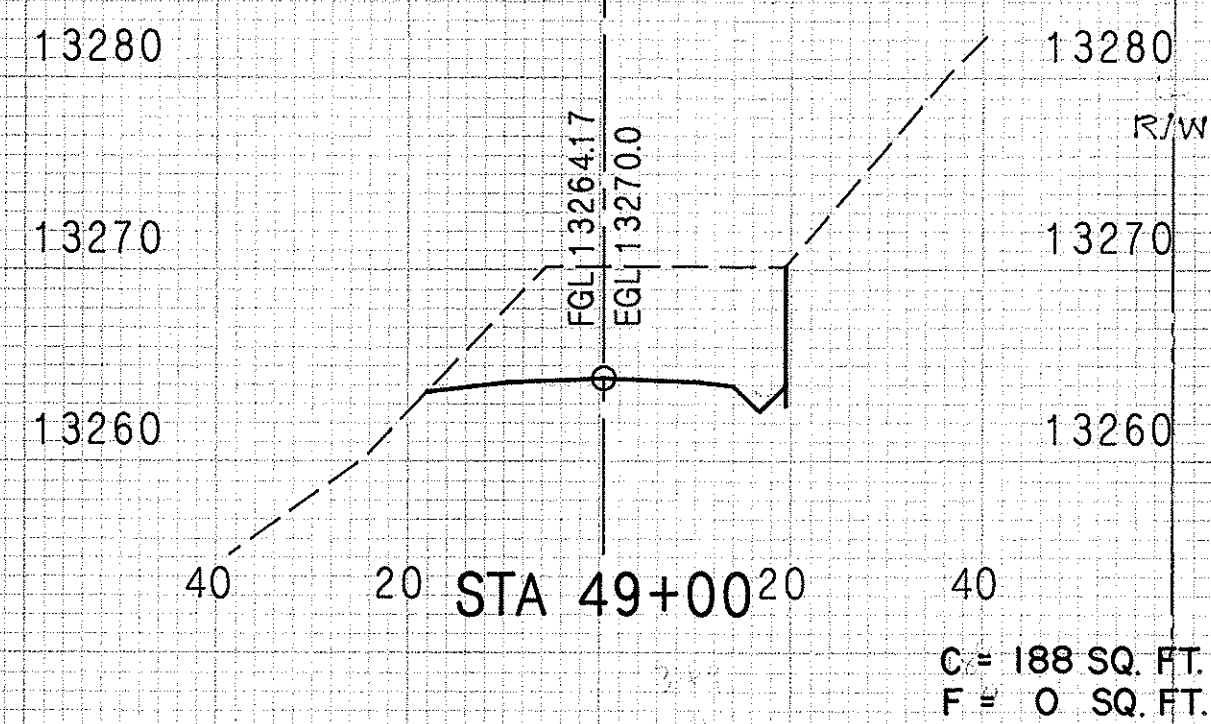


CROSS SECTIONS MAIN ACCESS ROAD STA. 40+50 TO STA. 47+50

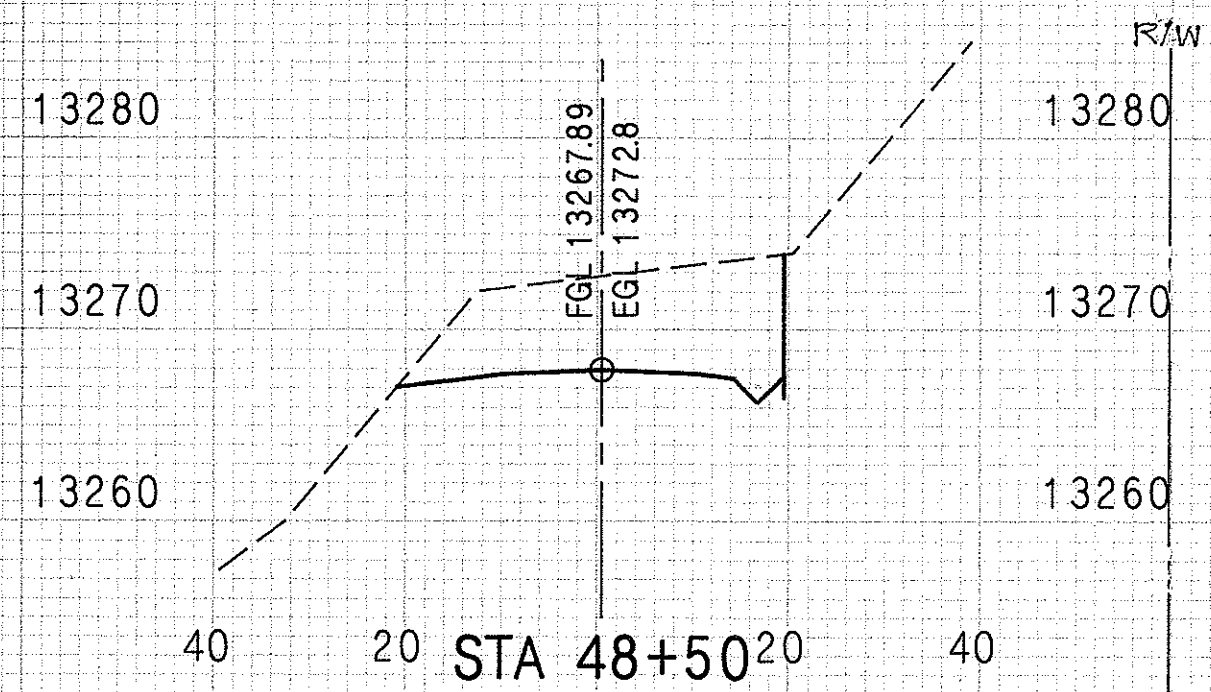
FED. ROAD DIST. NO	STATE	PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
HAWAII	HAW	HWY - H - 01 - 86	1987	56	115



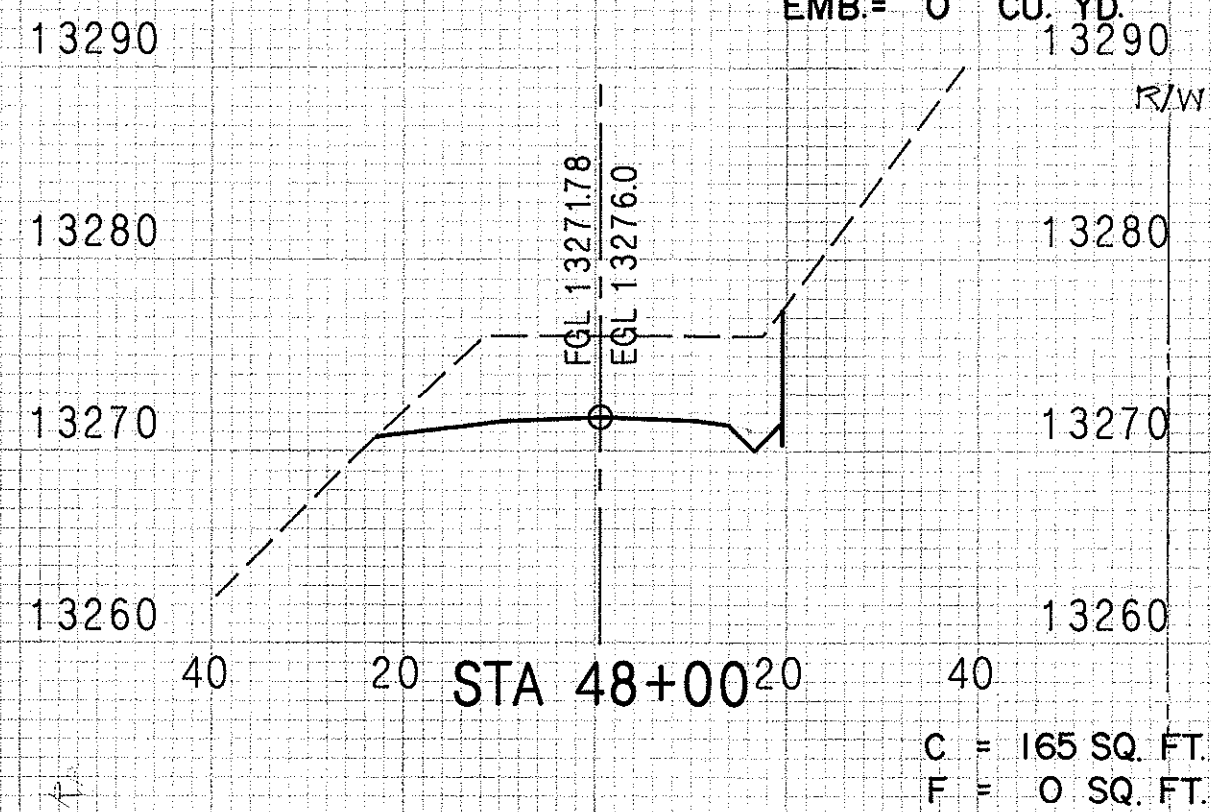
EXC. = 346 CU. YD.
EMB. = 0 CU. YD.



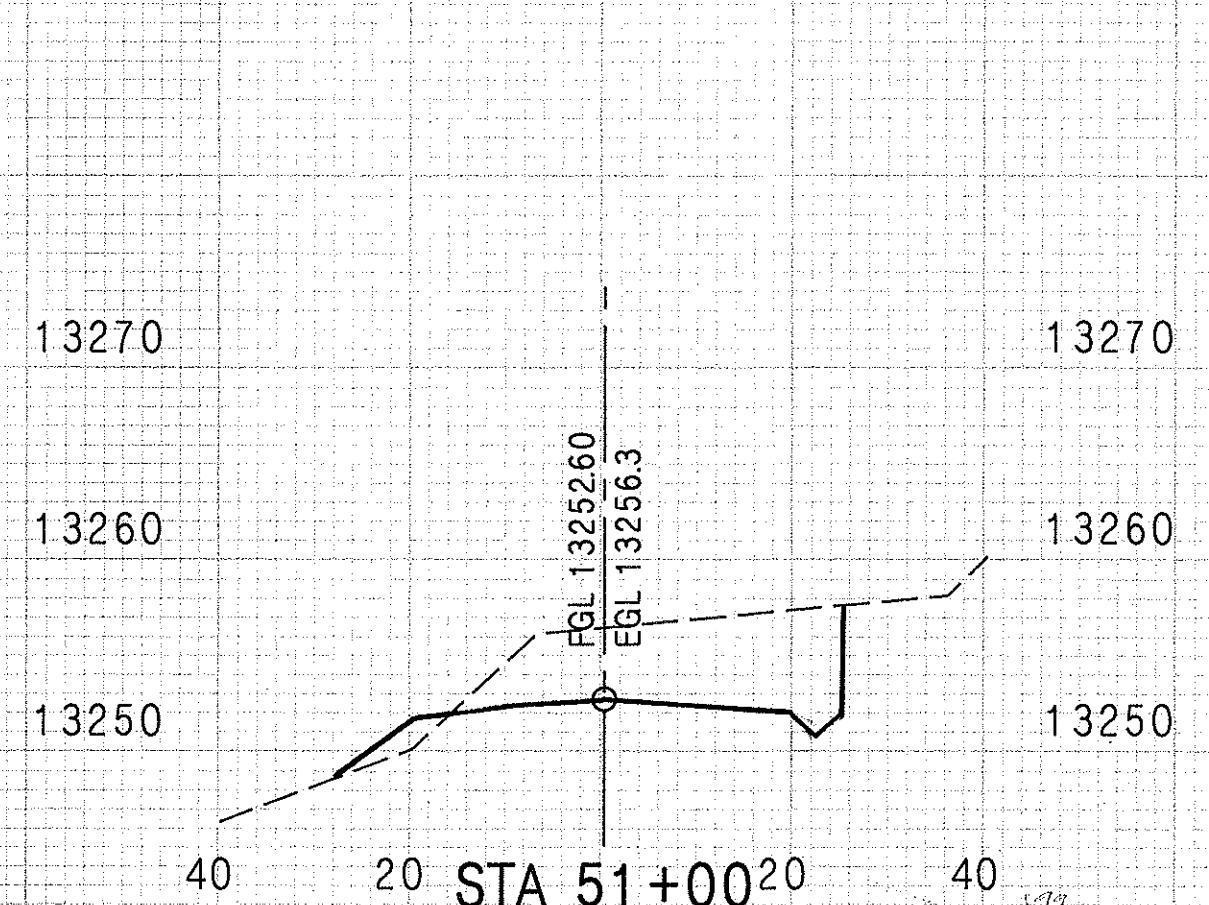
EXC. = 349 CU. YD.
EMB. = 0 CU. YD.



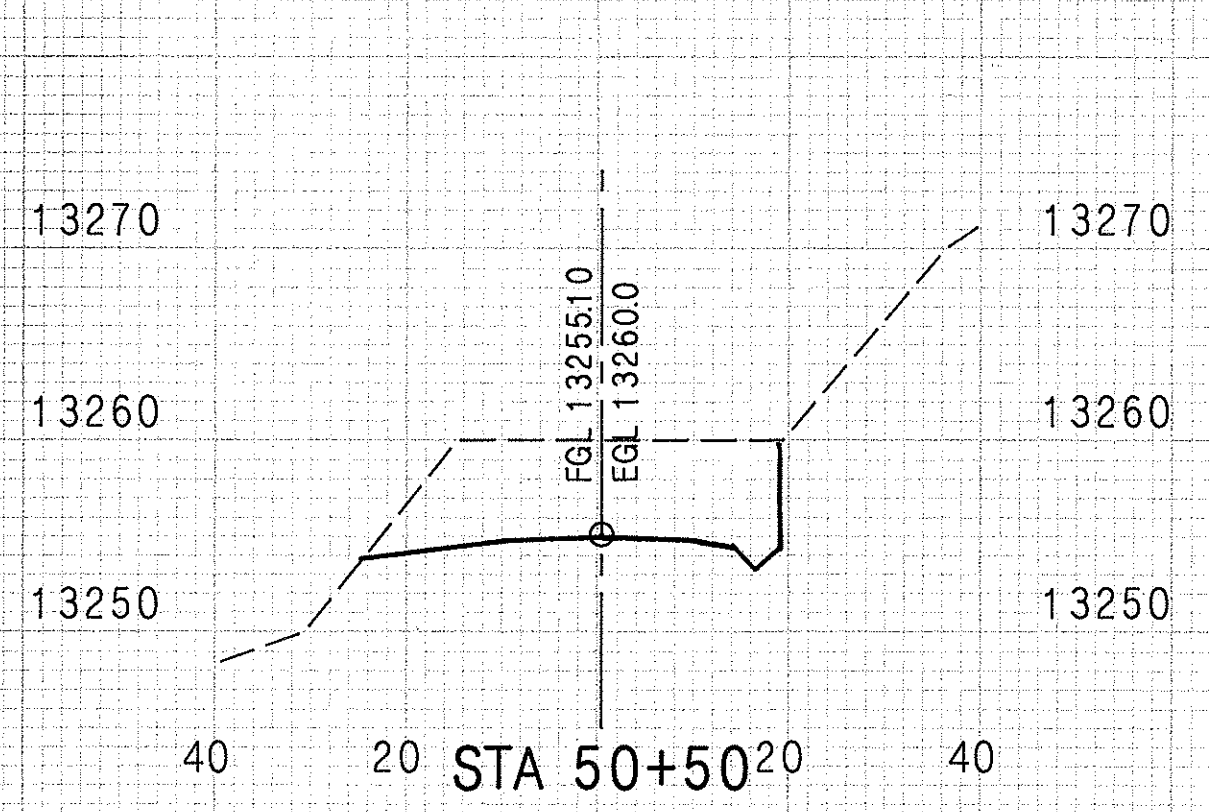
EXC. = 328 CU. YD.
EMB. = 0 CU. YD.



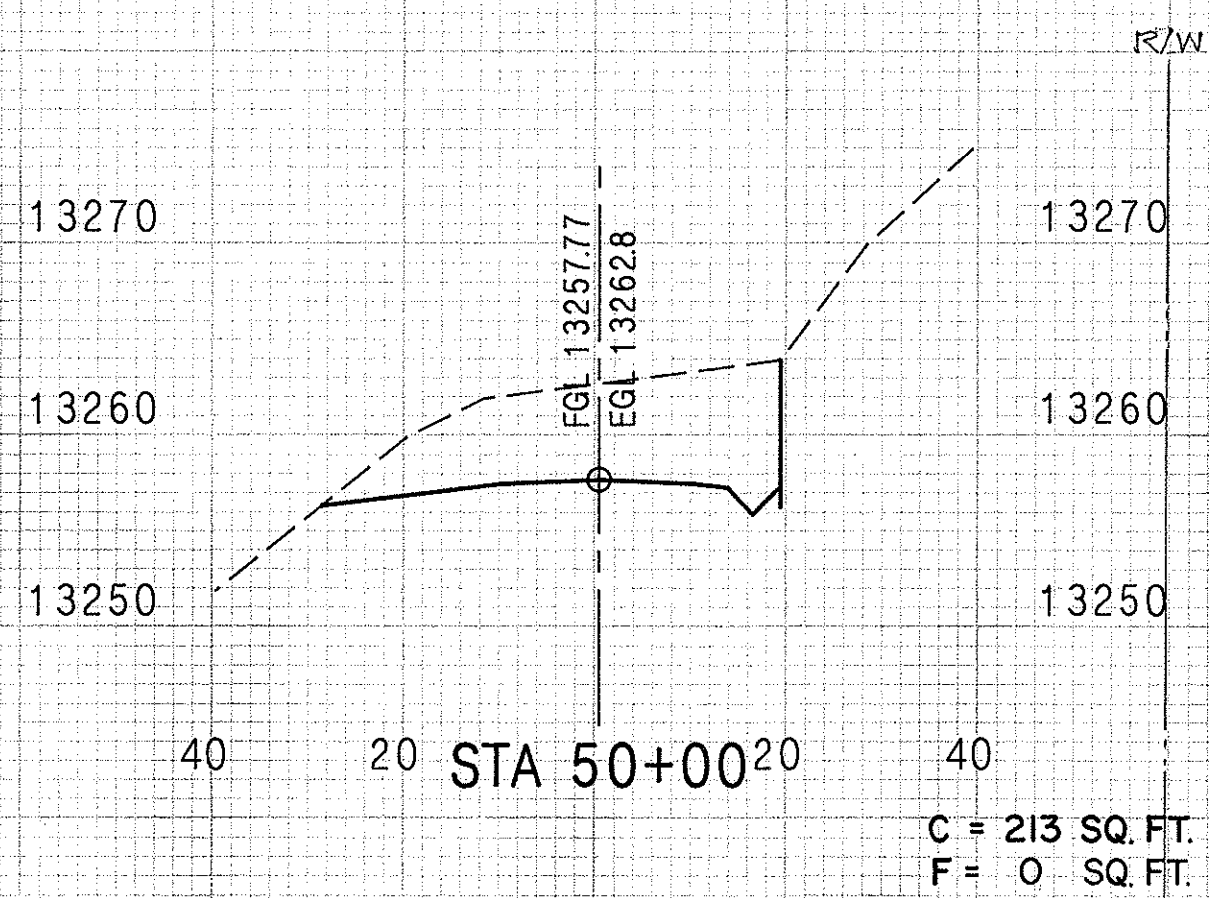
EXC. = 308 CU. YD.
EMB. = 0 CU. YD.



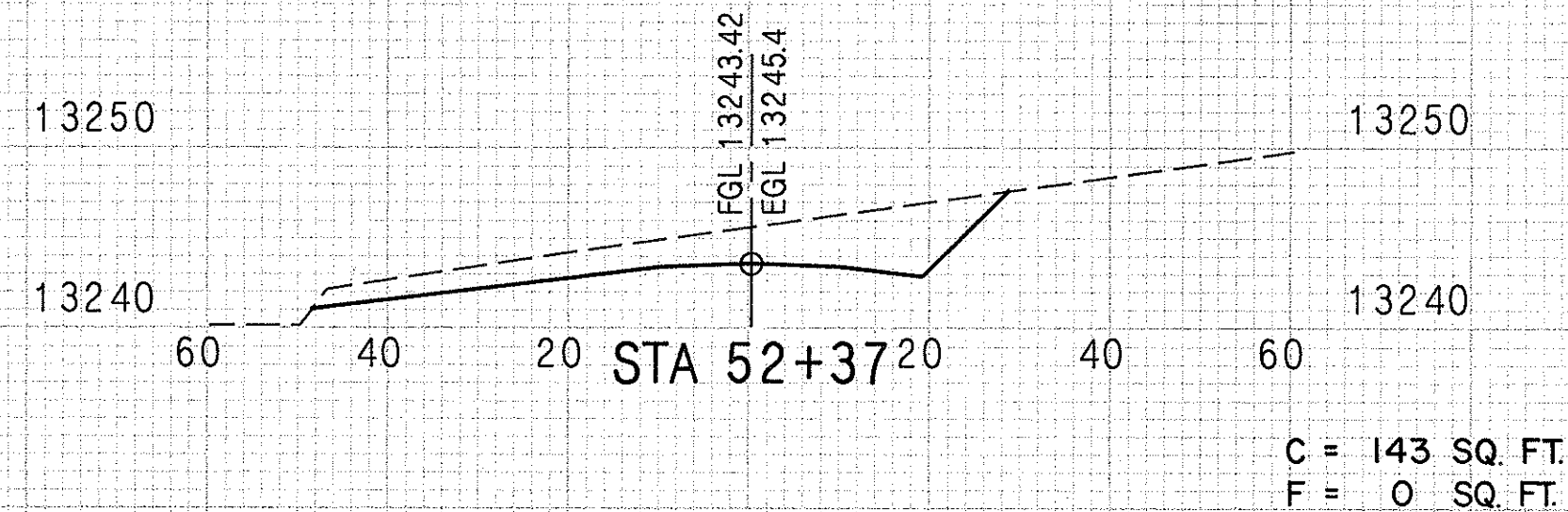
EXC. = 347 CU. YD.
EMB. = 15 CU. YD.



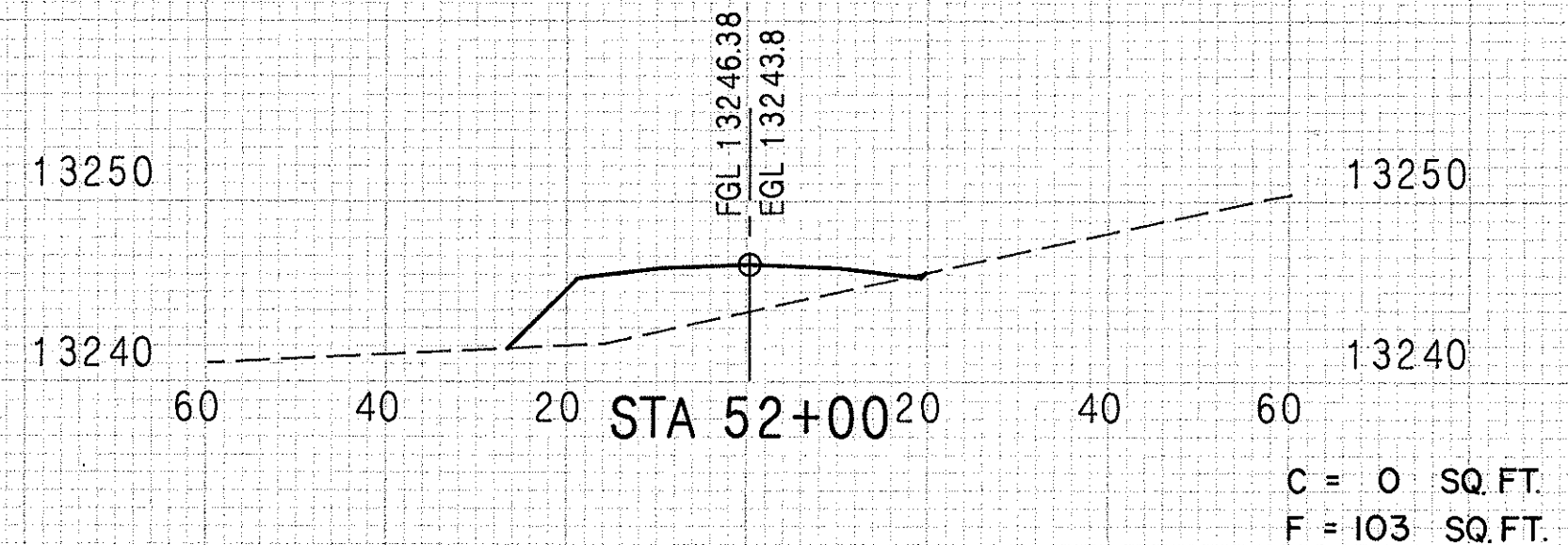
EXC. = 385 CU. YD.
EMB. = 0 CU. YD.



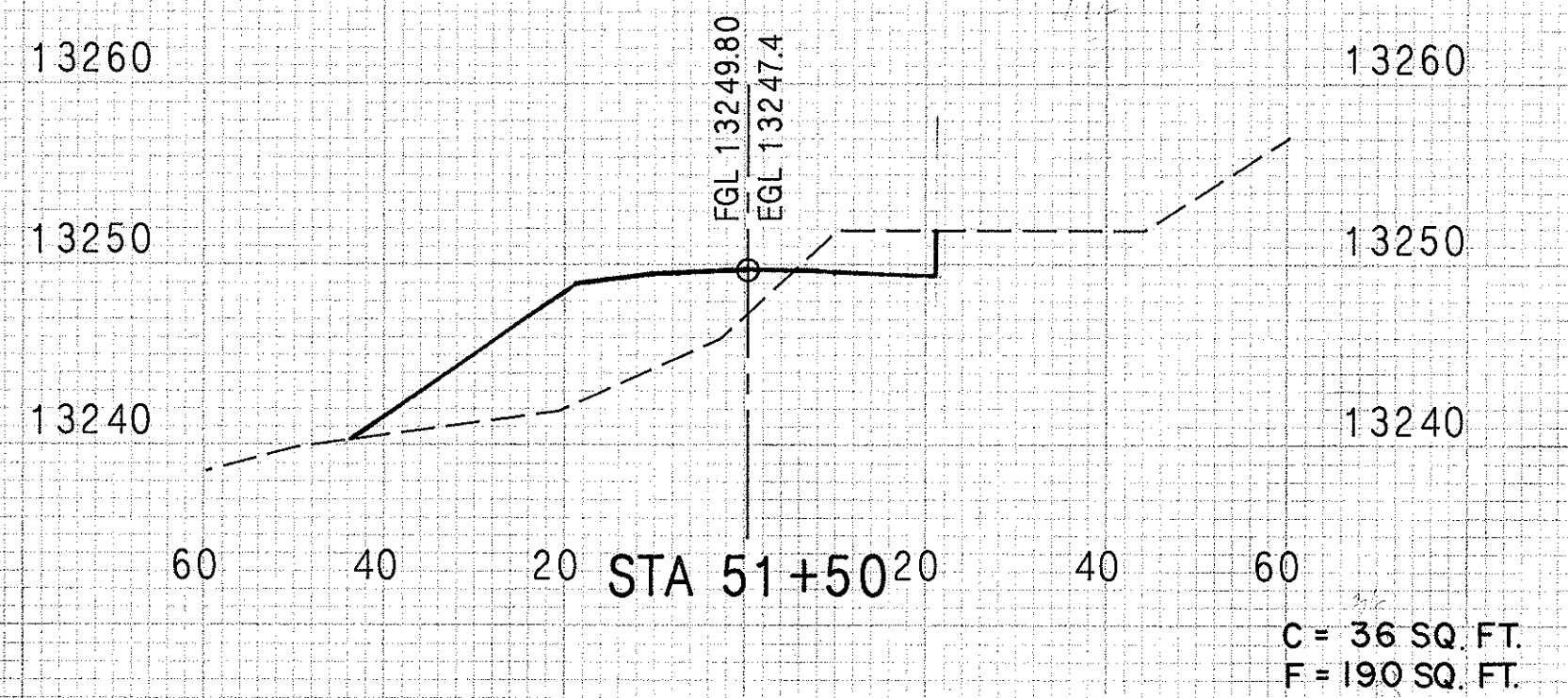
EXC. = 369 CU. YD.
EMB. = 0 CU. YD.



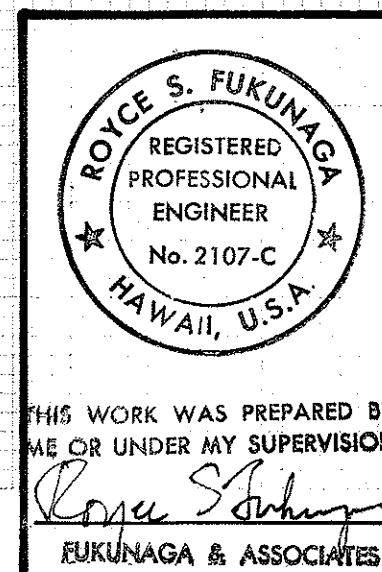
EXC. = 98 CU. YD.
EMB. = 71 CU. YD.



EXC. = 34 CU. YD.
EMB. = 272 CU. YD.

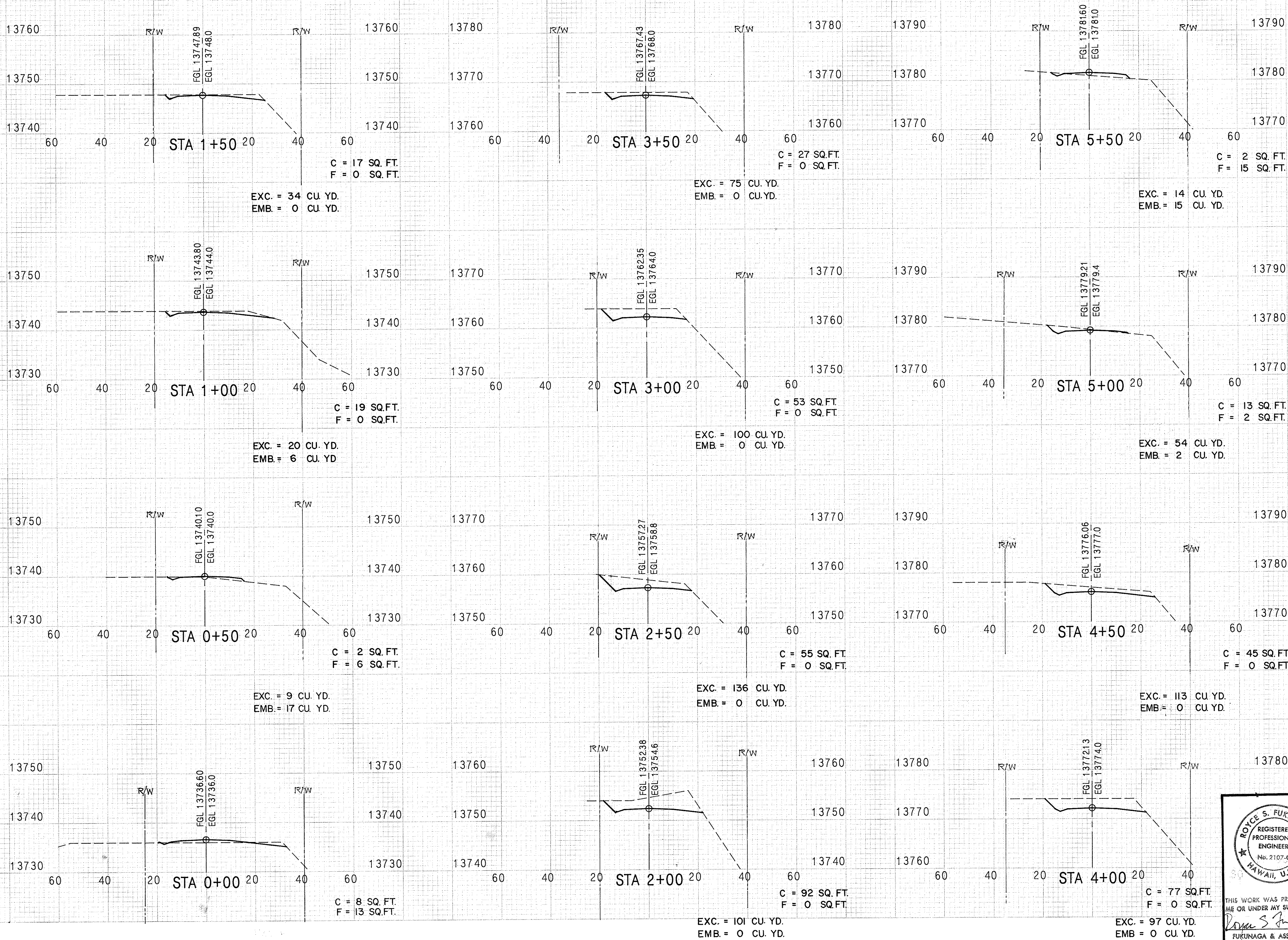


EXC. = 193 CU. YD.
EMB. = 191 CU. YD.



CROSS SECTIONS MAIN ACCESS ROAD STA. 48+00 TO STA. 52+37

FED. ROAD DIST NO	STATE	PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
HAWAII	HAW	HWY- H- 01-86	1987	57	115

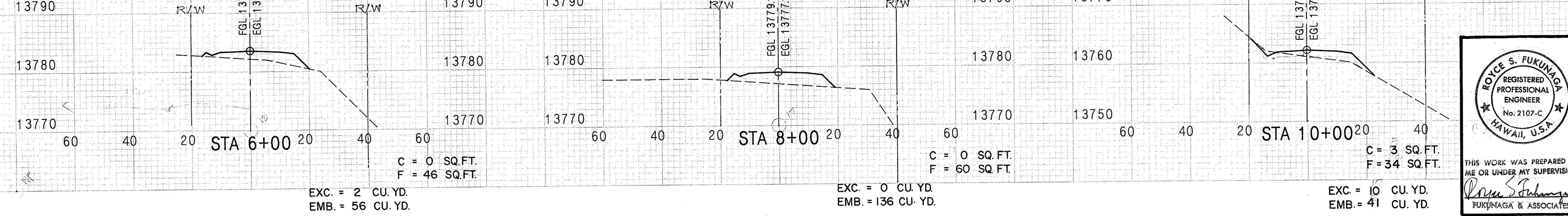
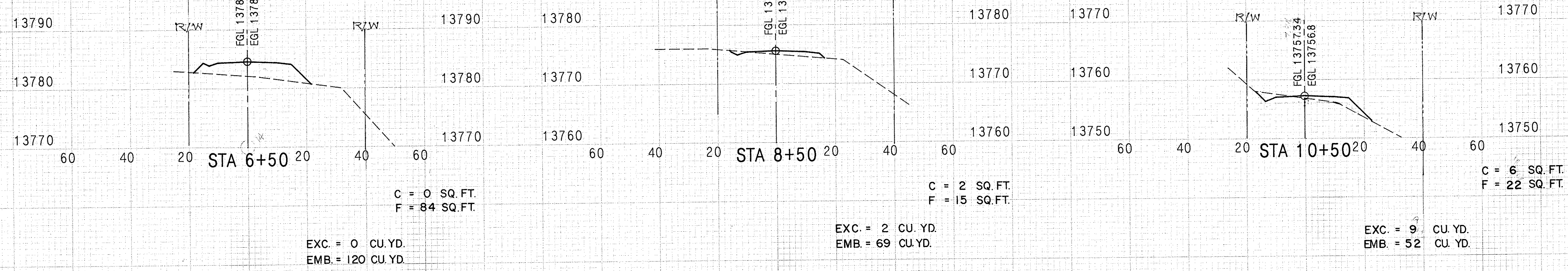
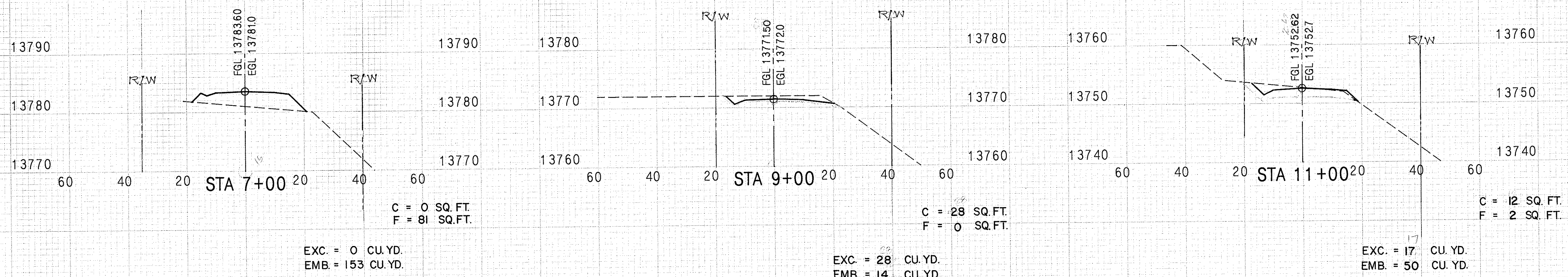
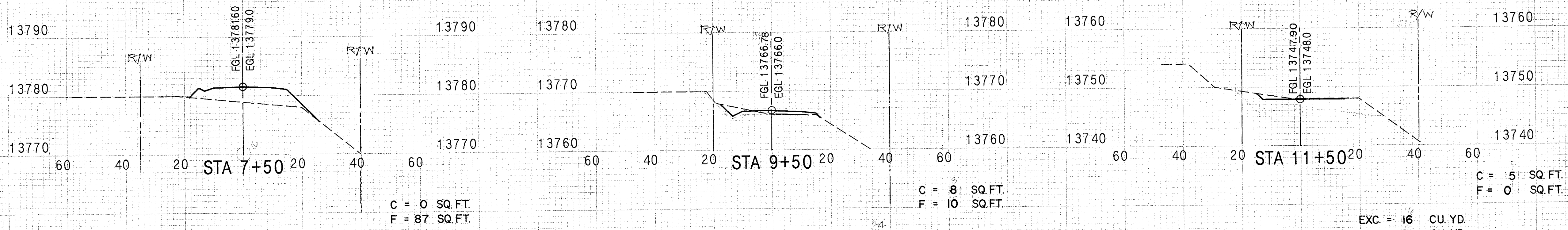


ROYCE S. FUKUNAGA
REGISTERED
PROFESSIONAL
ENGINEER
No. 2107-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
Royce S. Fukunaga
FUKUNAGA & ASSOCIATES

CROSS SECTIONS
SPUR I
STA. 0+00 TO STA. 5+50

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	HWY-H-01-86	1987	58	115

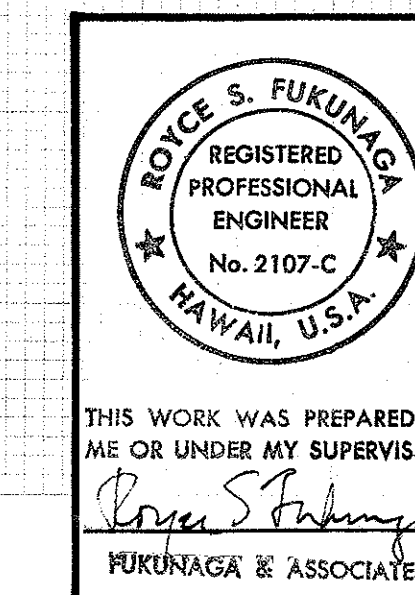
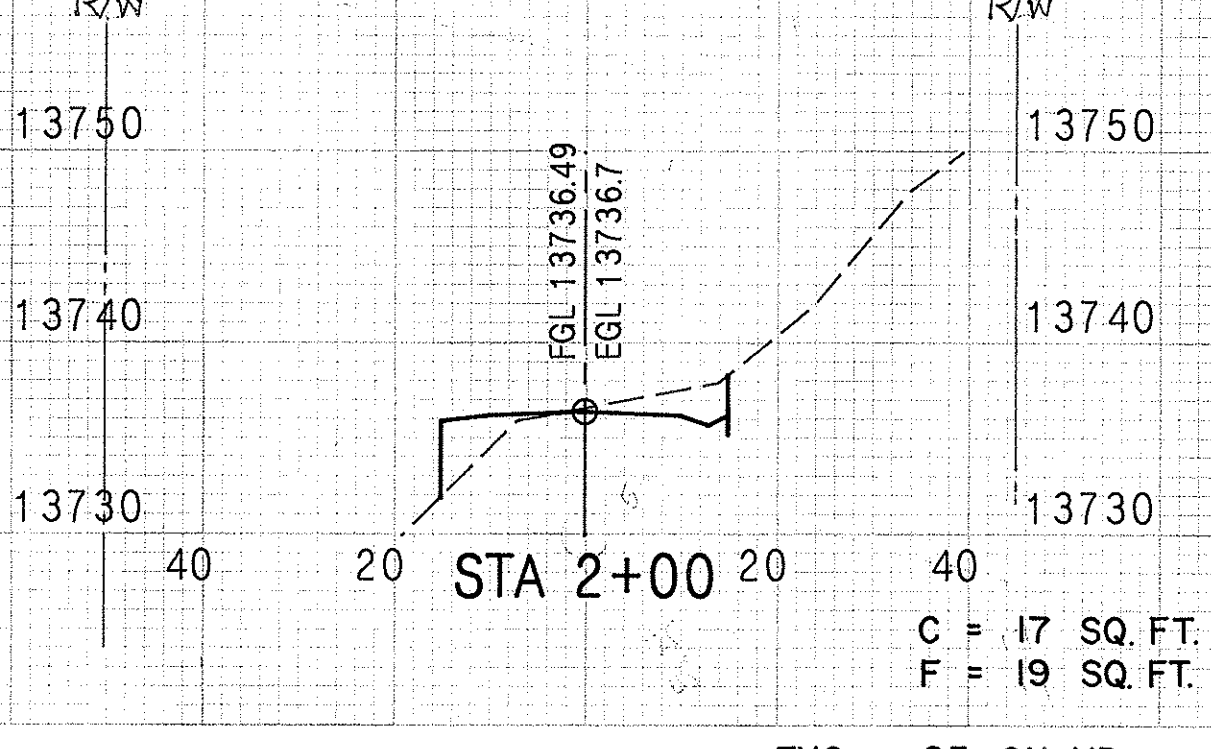
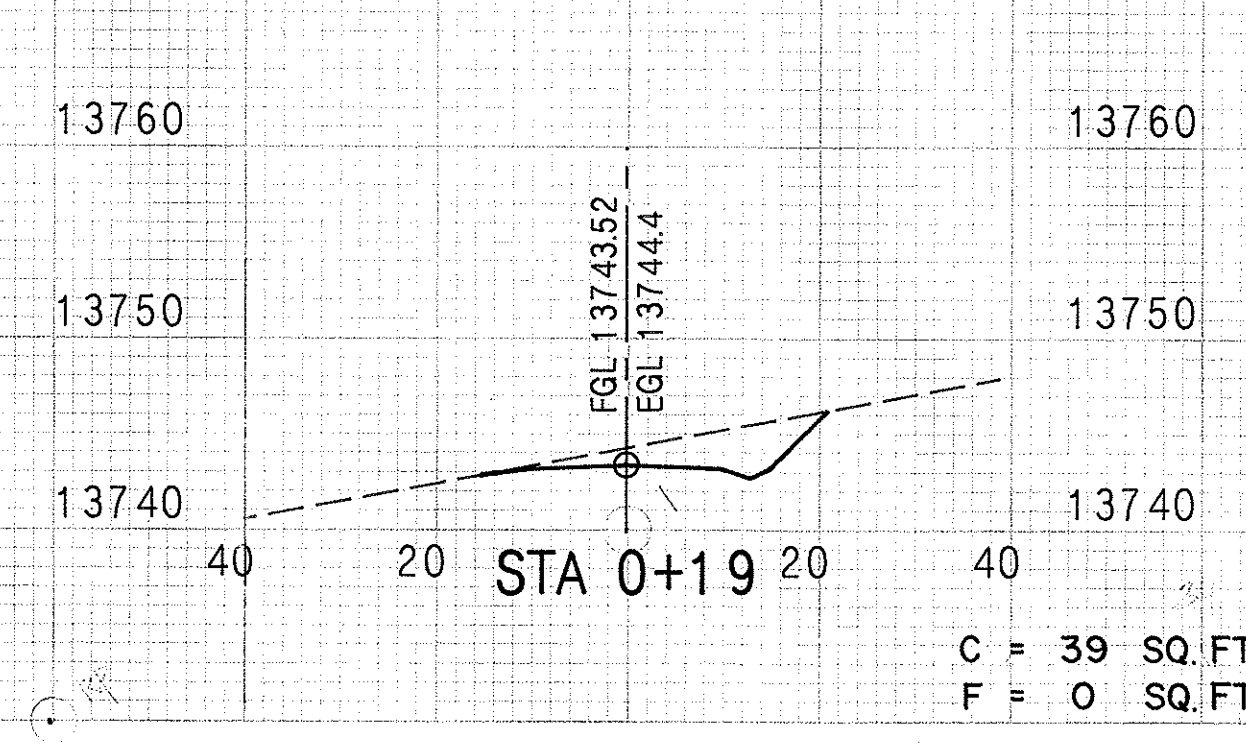
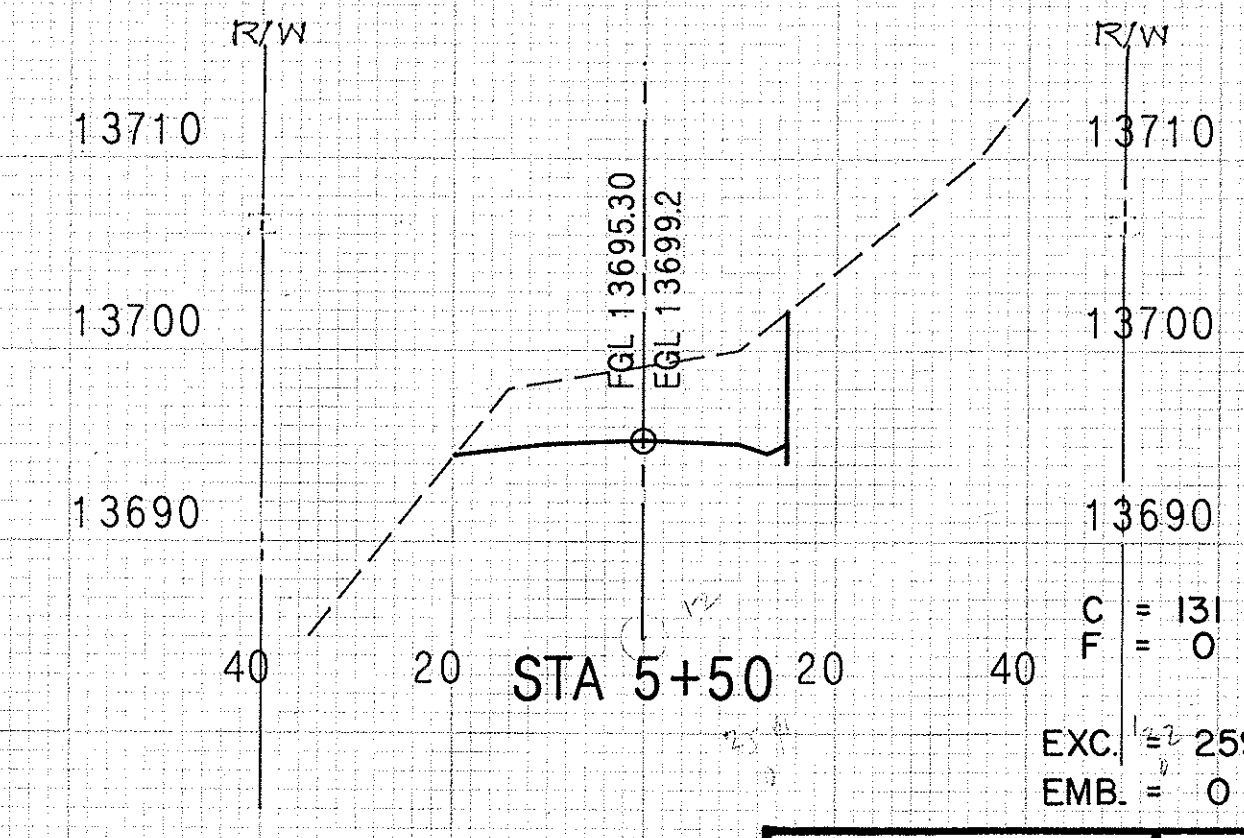
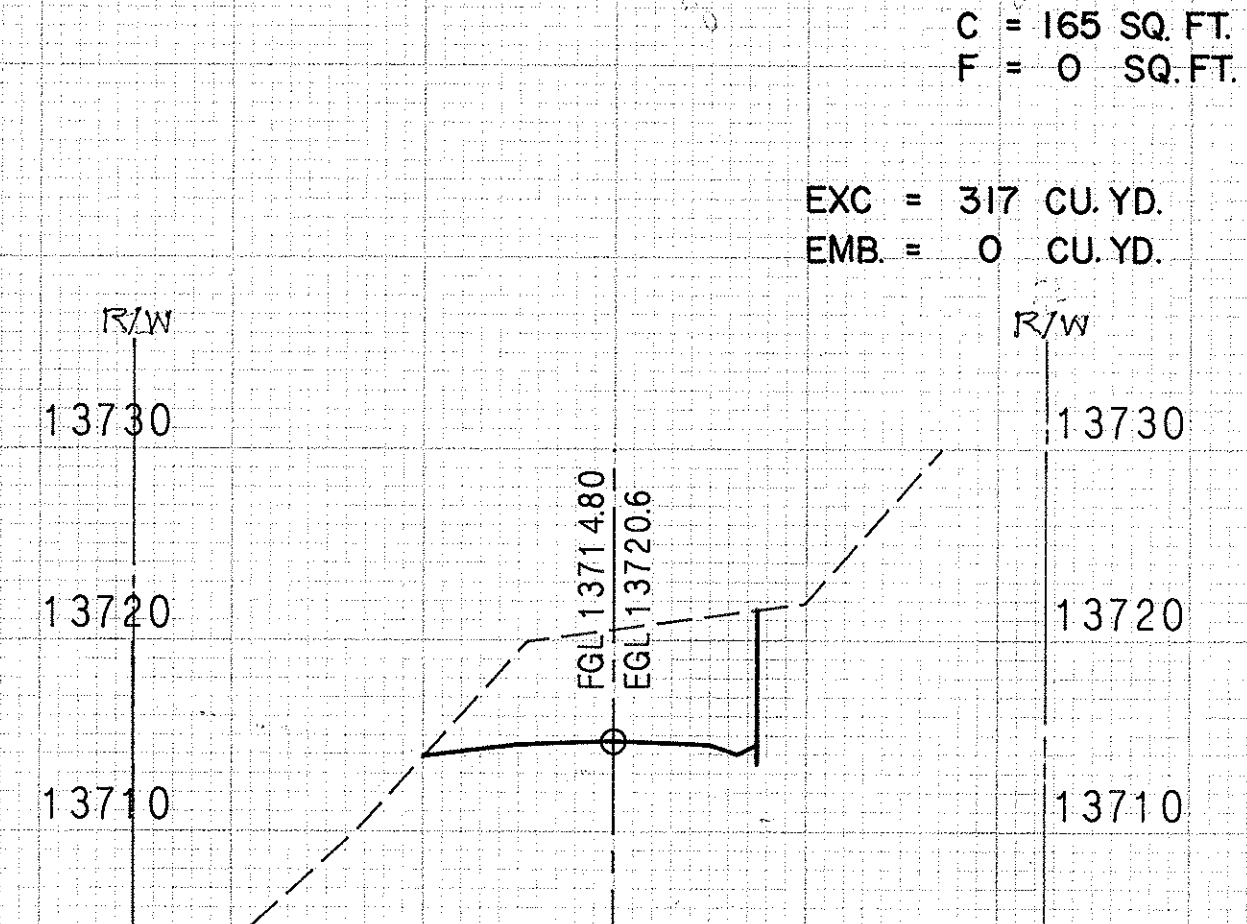
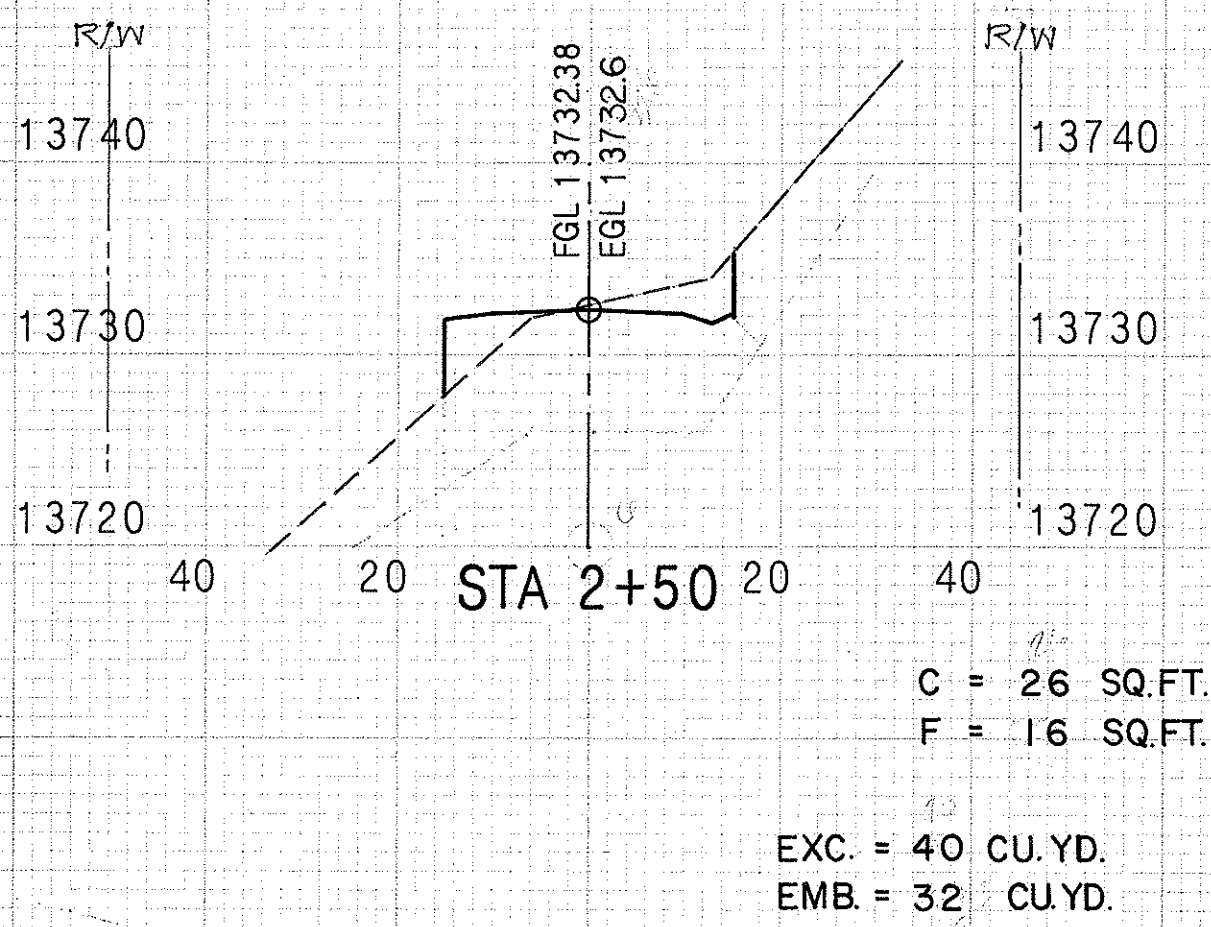
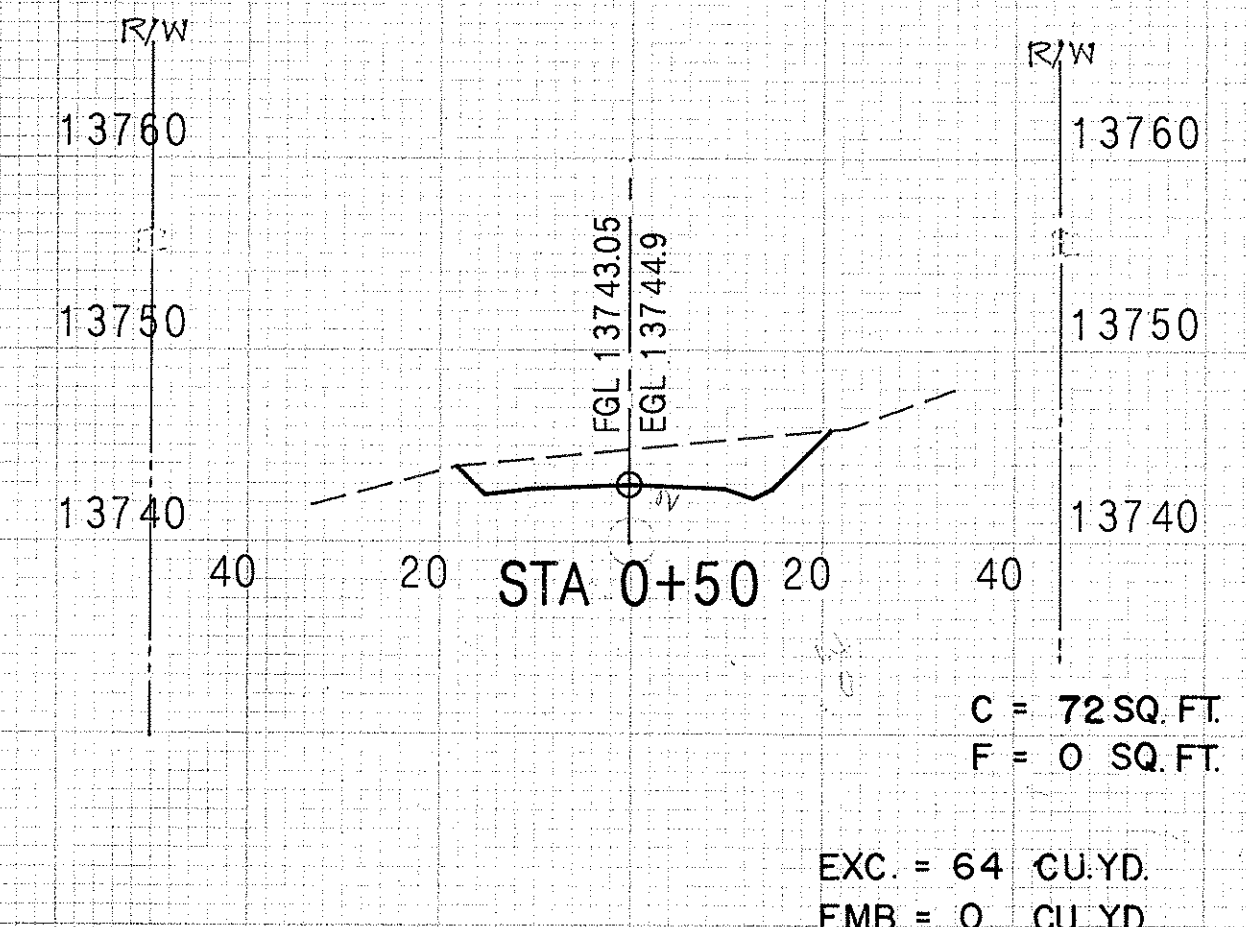
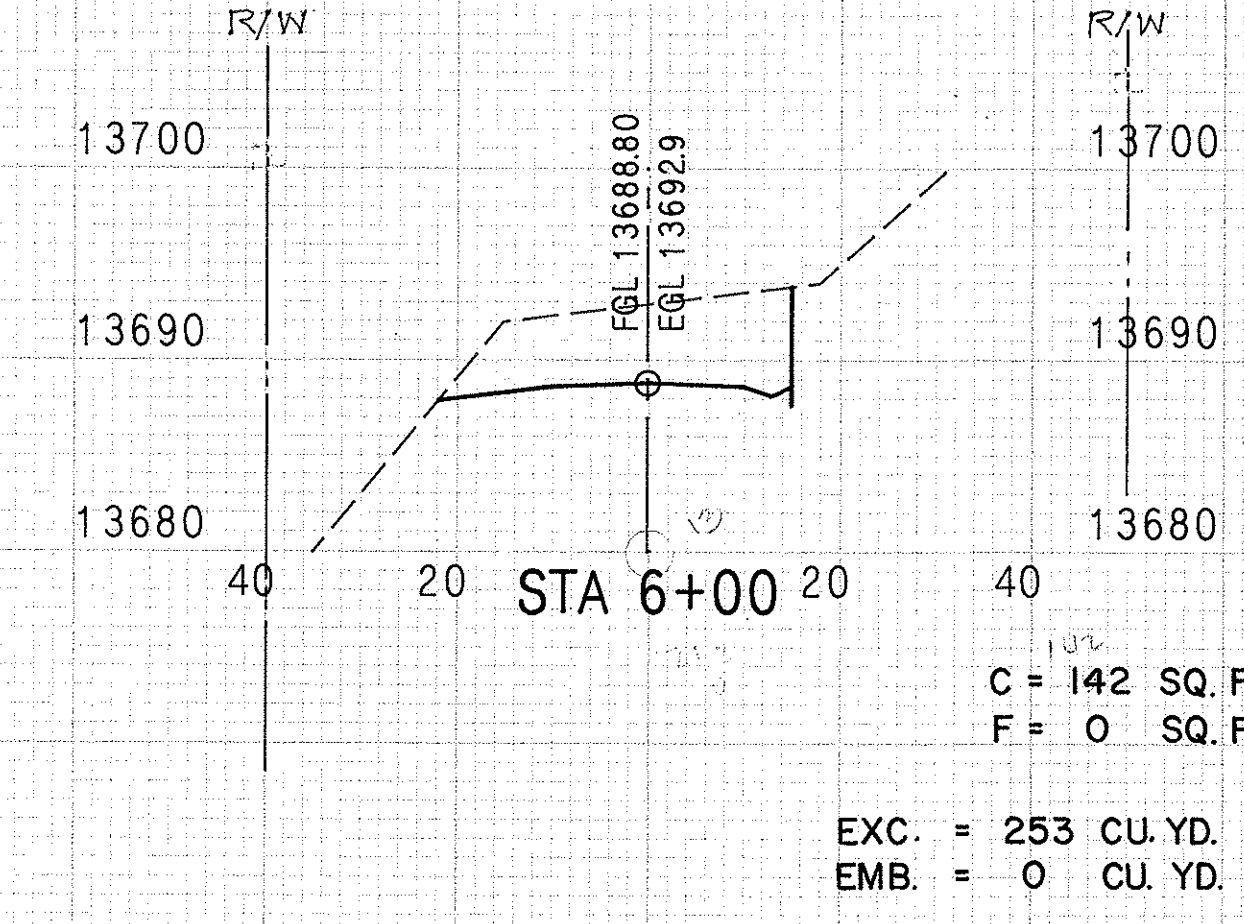
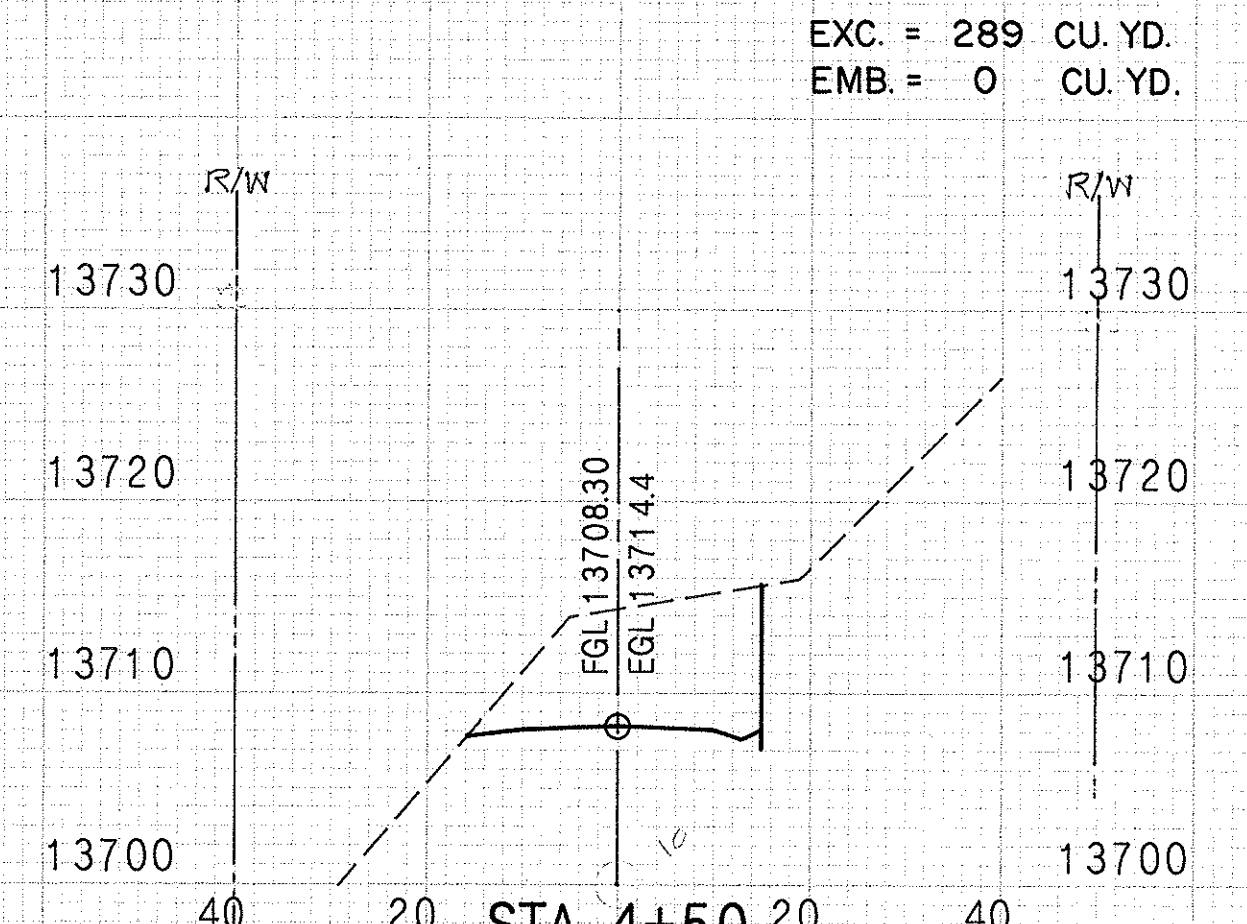
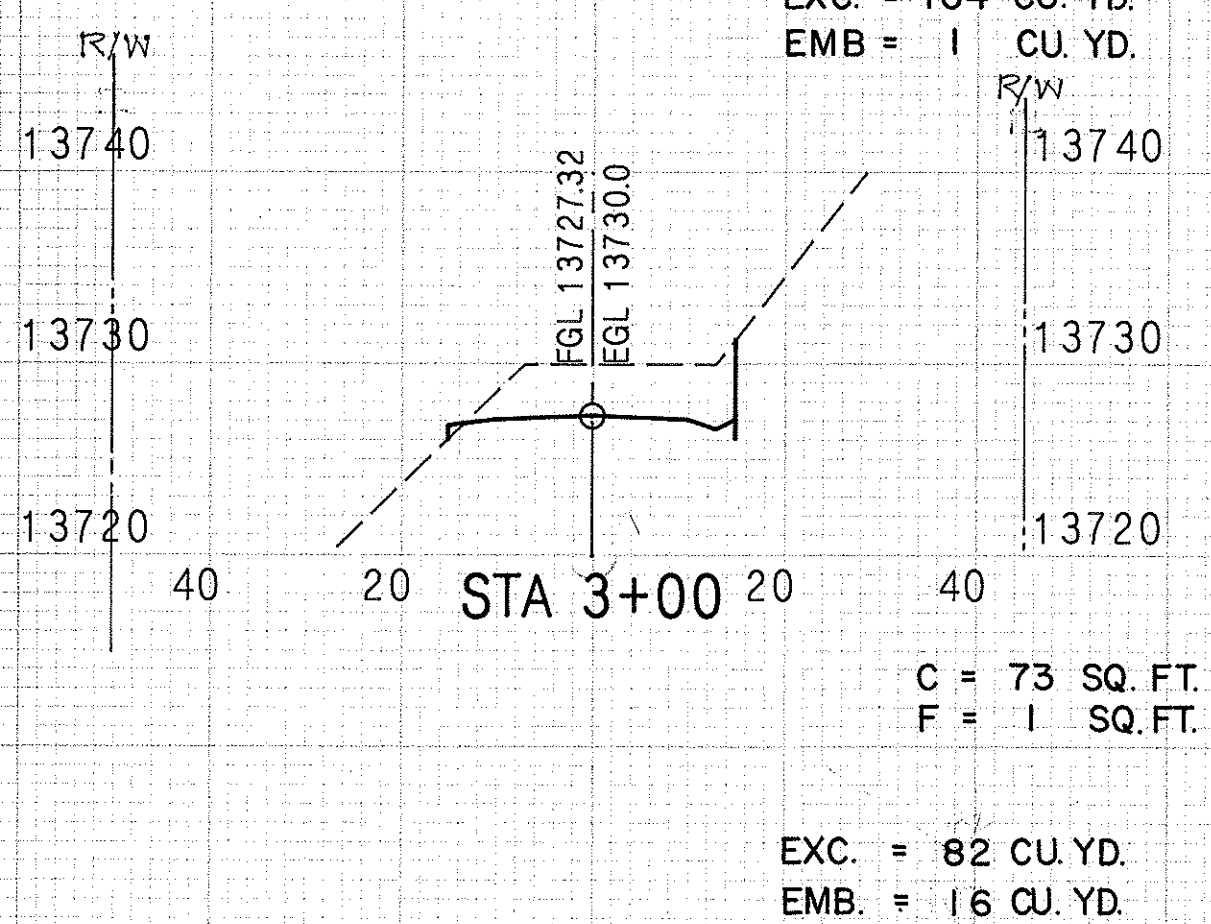
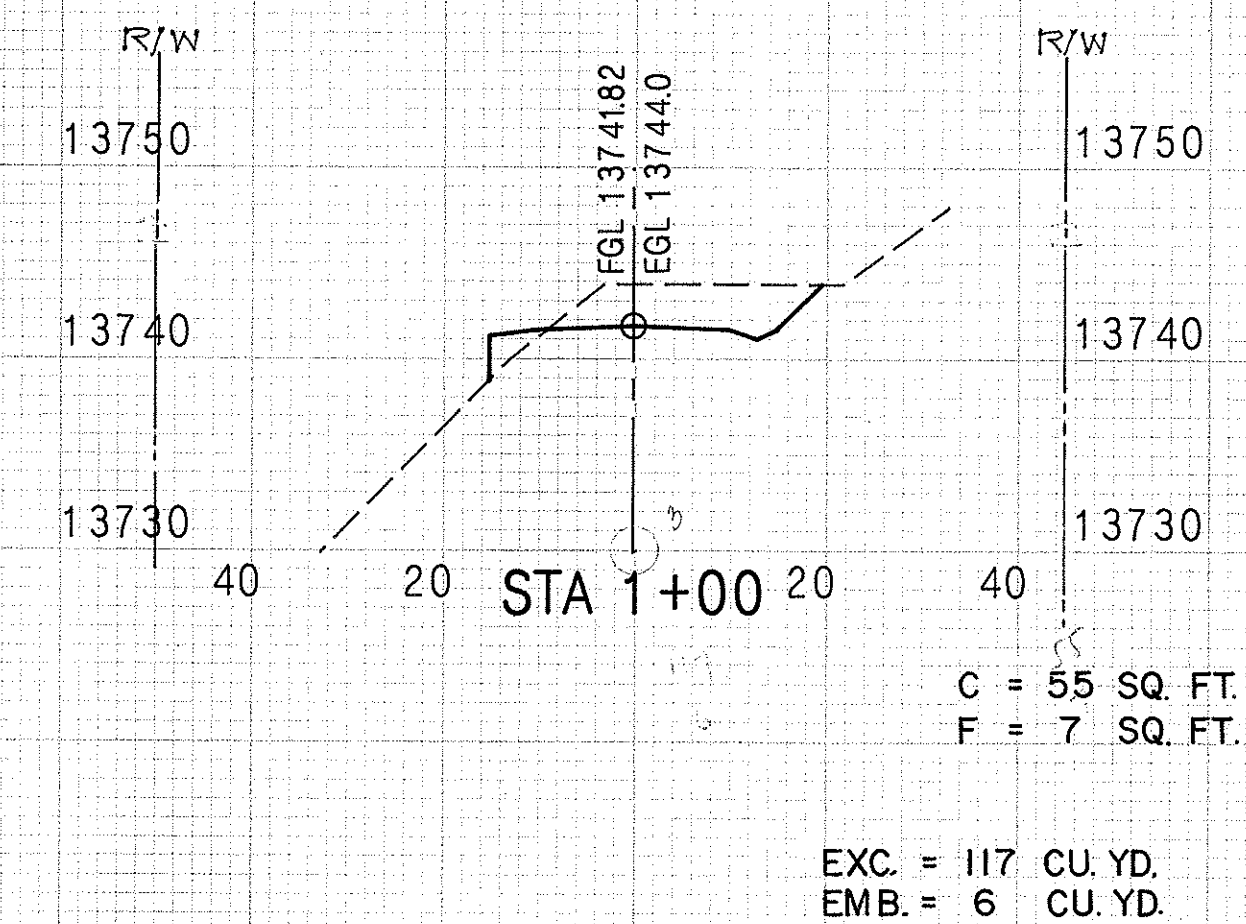
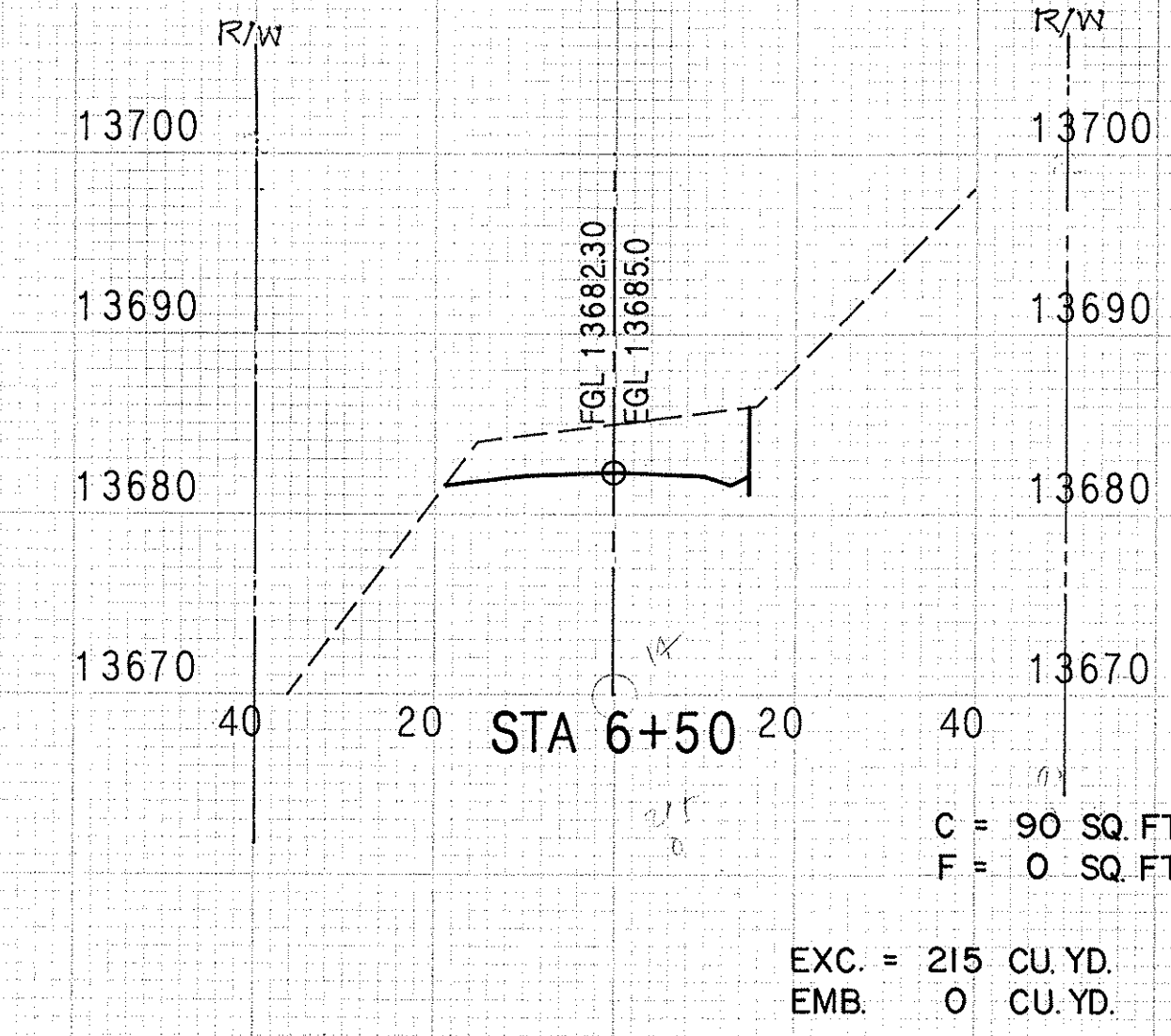
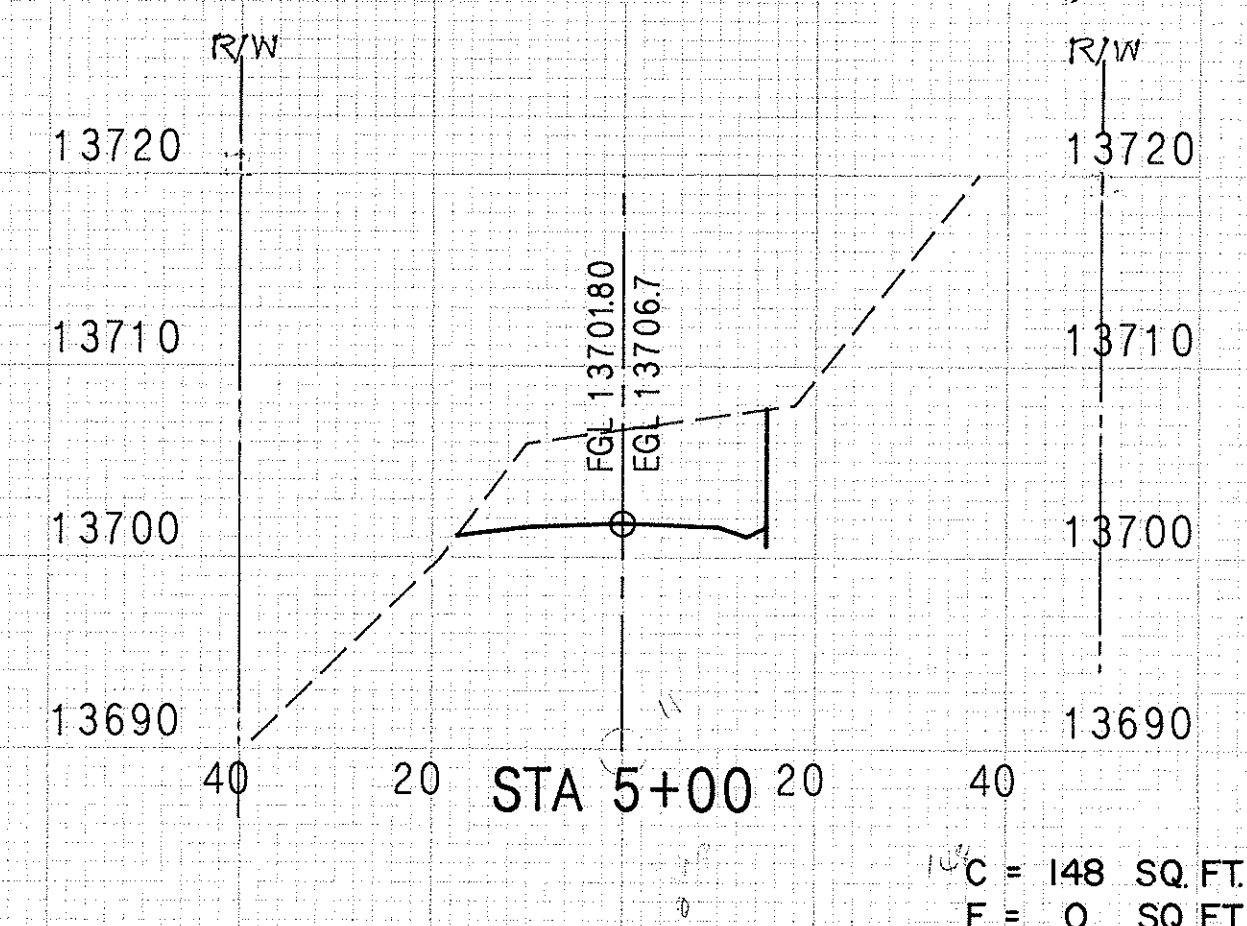
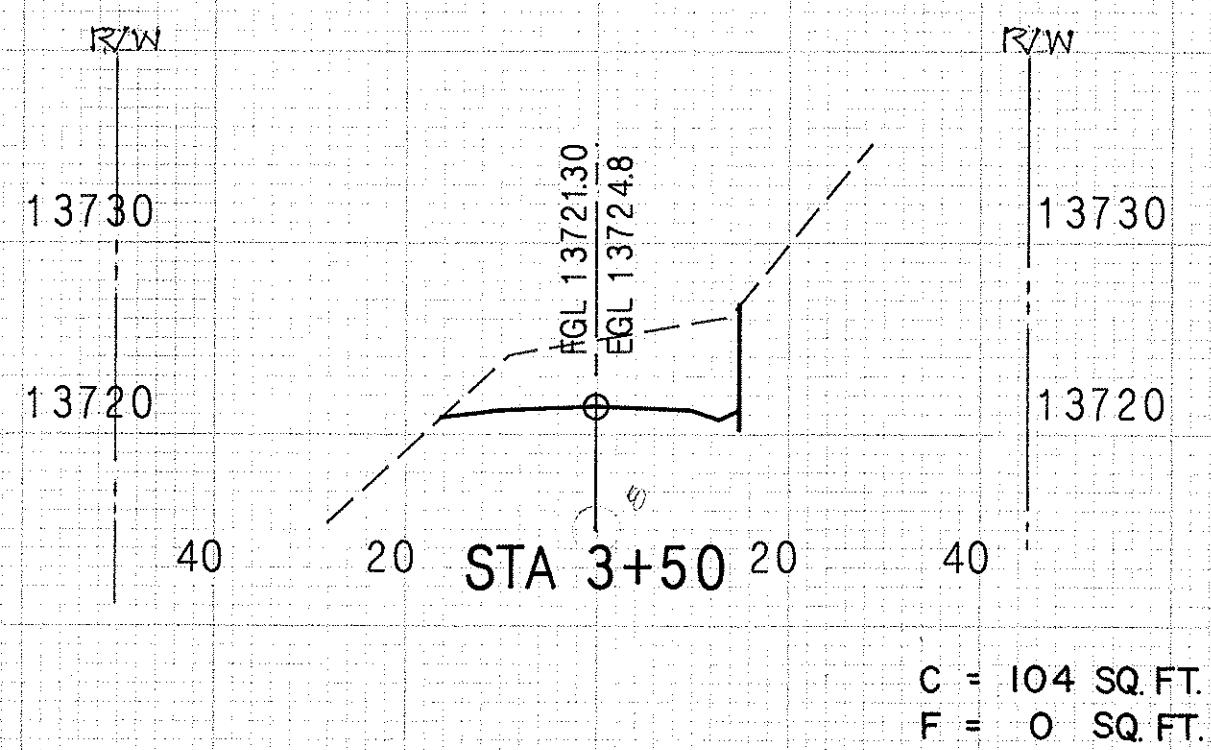
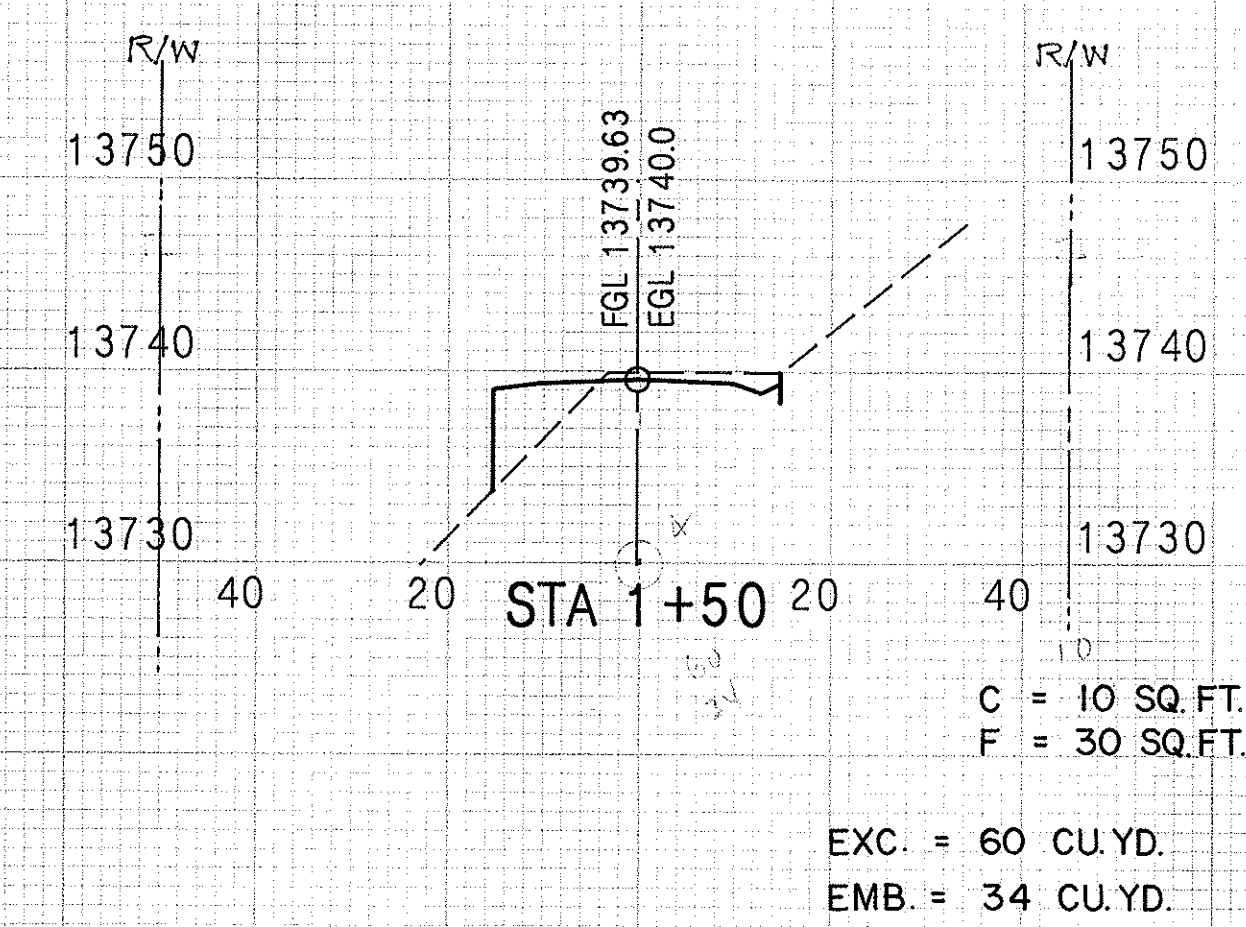


CROSS SECTIONS
SPUR I
STA.6+00 TO STA.11+50

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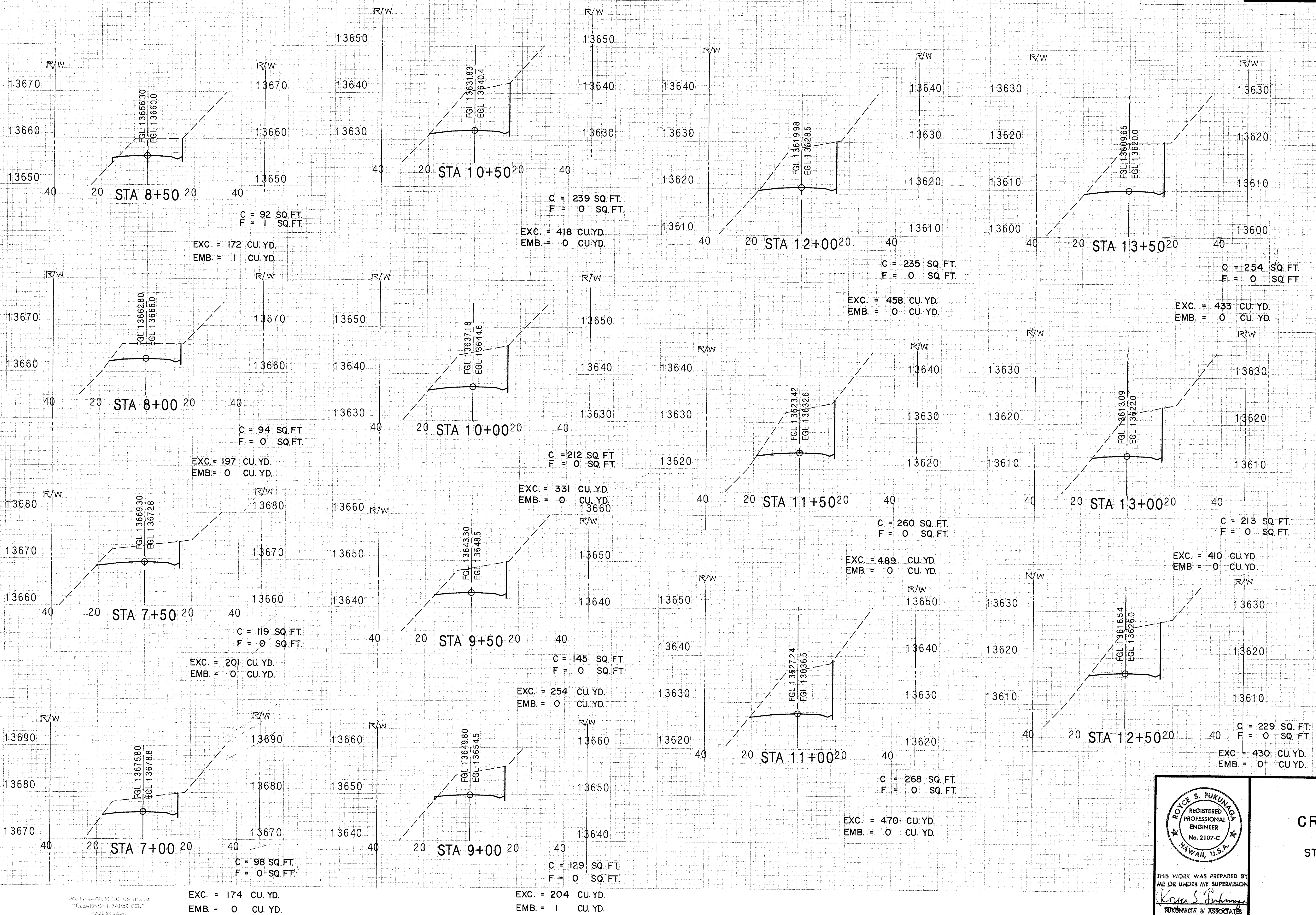
Royce S. Fukunaga
FUKUNAGA & ASSOCIATES

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	HWY.-H-01-86	1987	59	115

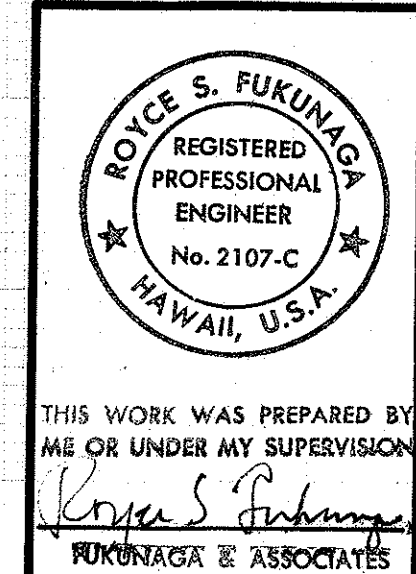


CROSS SECTIONS
SPUR 2
STA. 0+19 TO STA. 6+50

FED. ROAD DIST. NO	STATE	PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
HAWAII	HAW	HWY- H - 01 - 86	1987	60	115



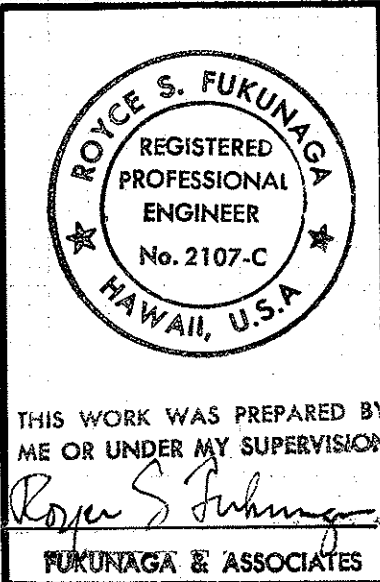
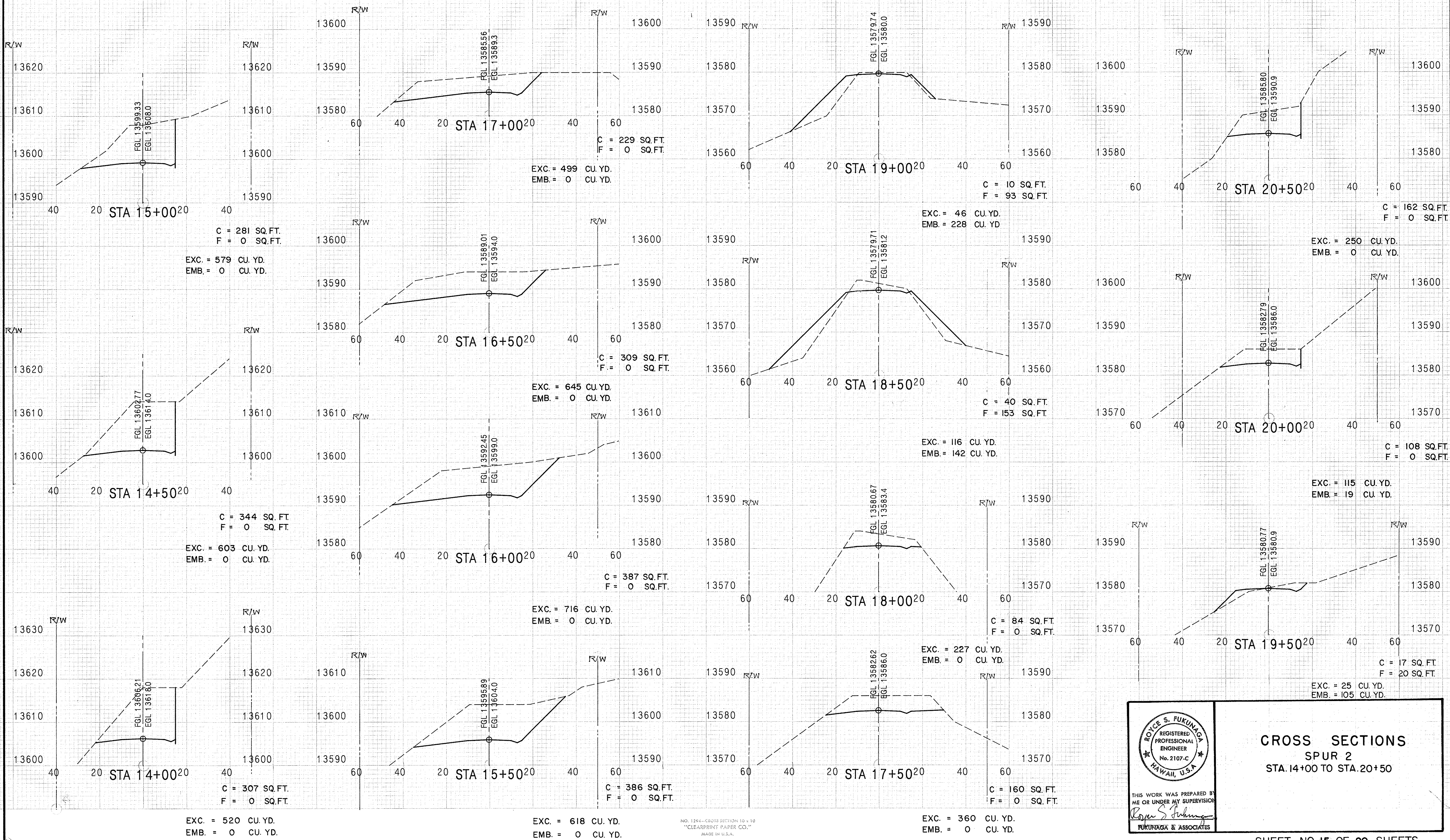
NO. 1274-12803 SECTION 10, 11
"CLEARPRINT PAPER CO."
MADE IN U.S.A.



CROSS SECTIONS
SPUR 2
STA. 7+00 TO STA. 13+50

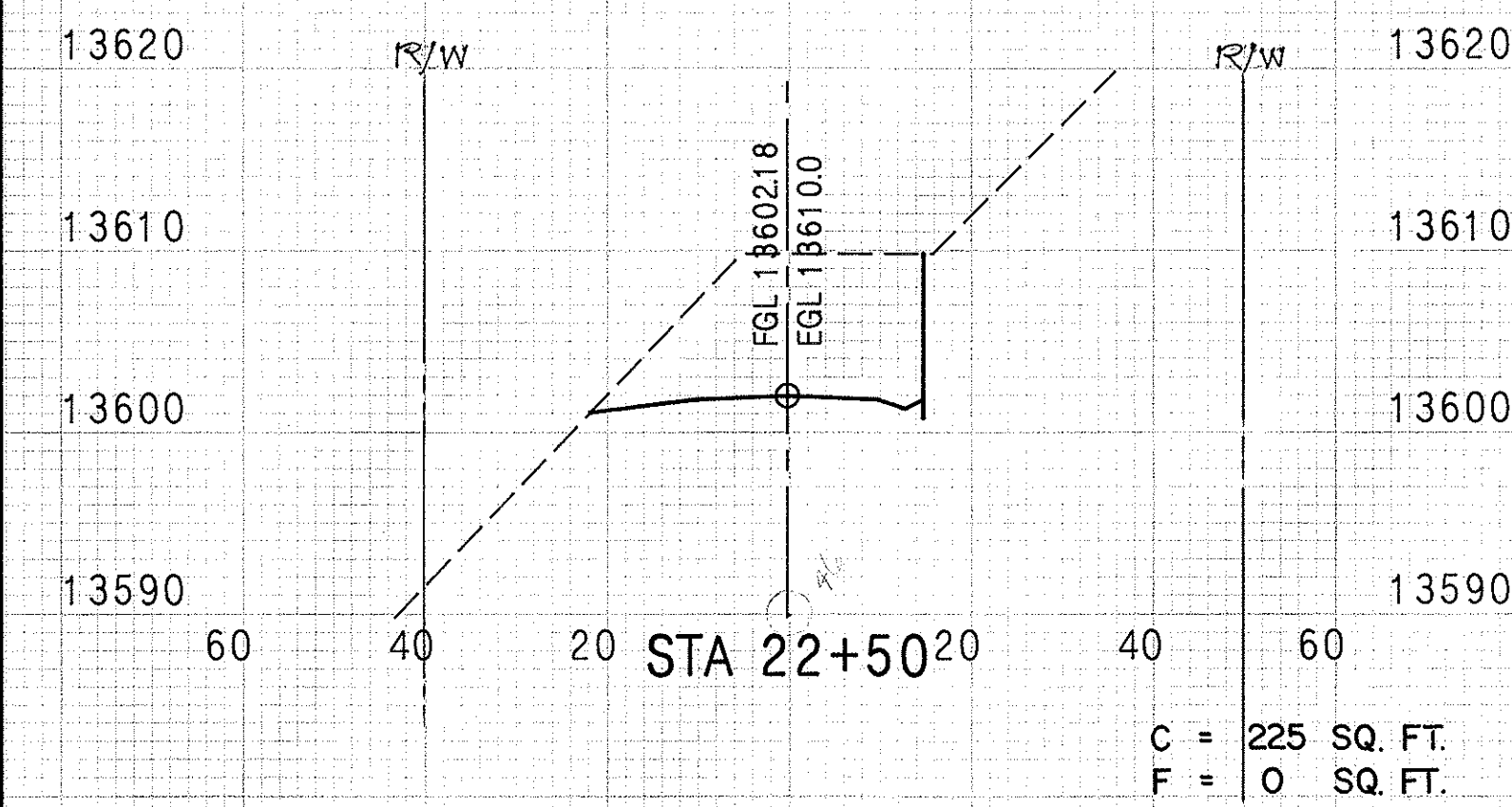
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
Royce S. Fukunaga
FUKUNAGA & ASSOCIATES

FED. ROAD DIST. NO	STATE	PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
HAWAII	HAW	HWY.-H-01-86	1987	61	115

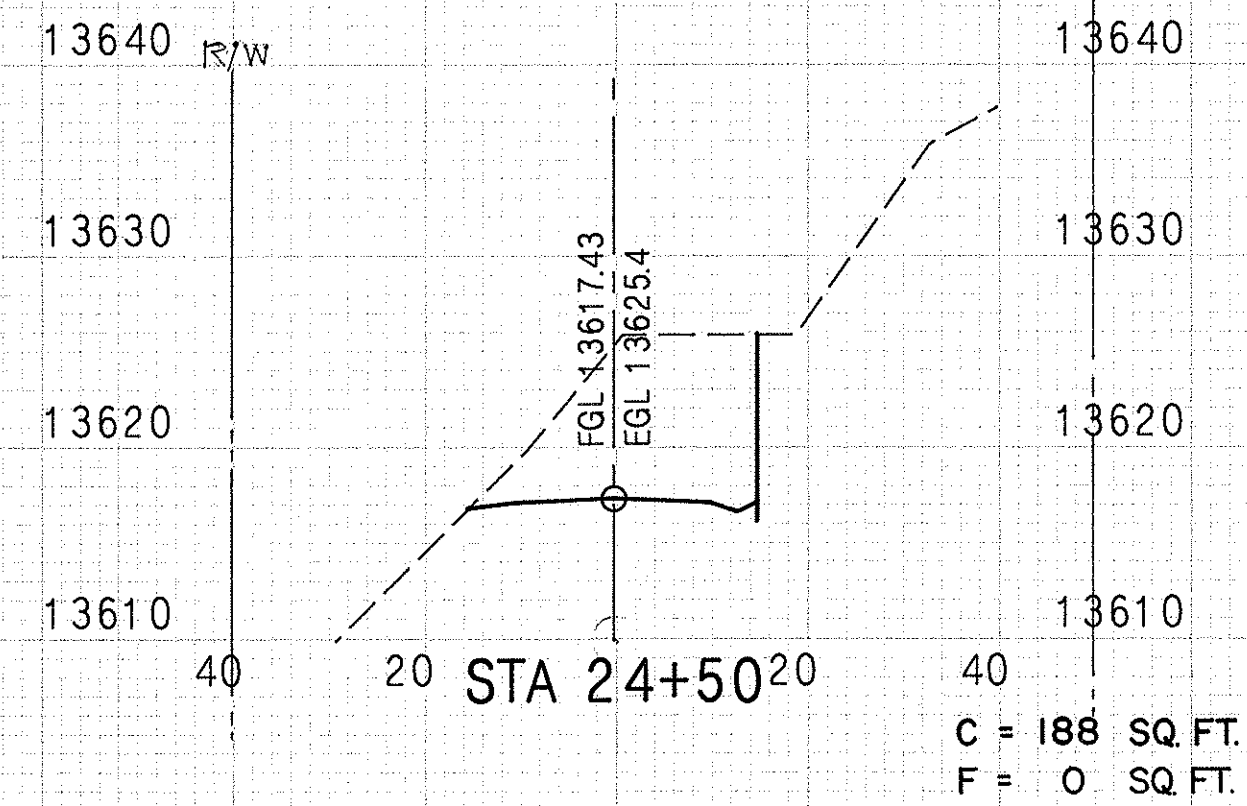


CROSS SECTIONS
SPUR 2
STA. 14+00 TO STA. 20+50

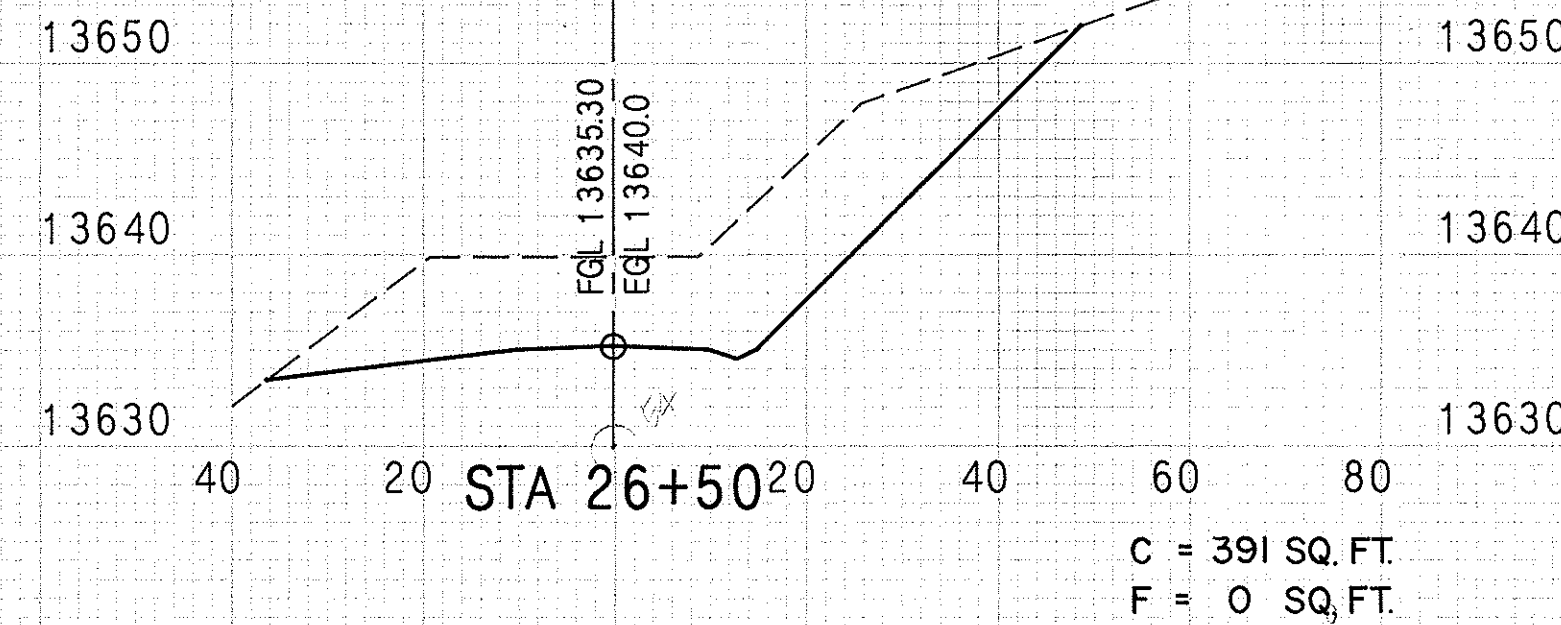
FED. ROAD DIST. NO	STATE	PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
HAWAII	HAW	HWY.-H- OI- 86	1987	62	115



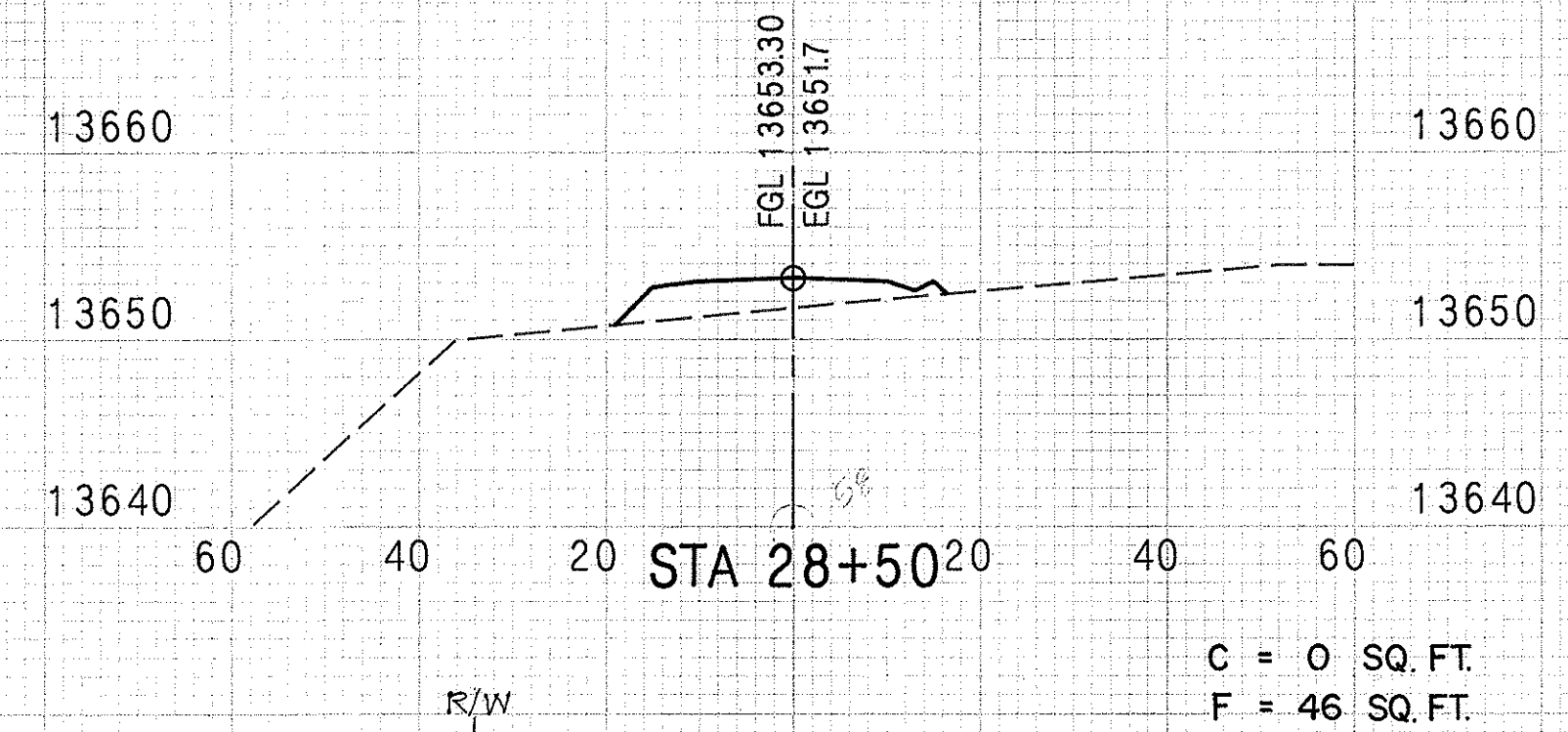
EXC. = 371 CU. YD.
EMB. = 0 CU. YD.



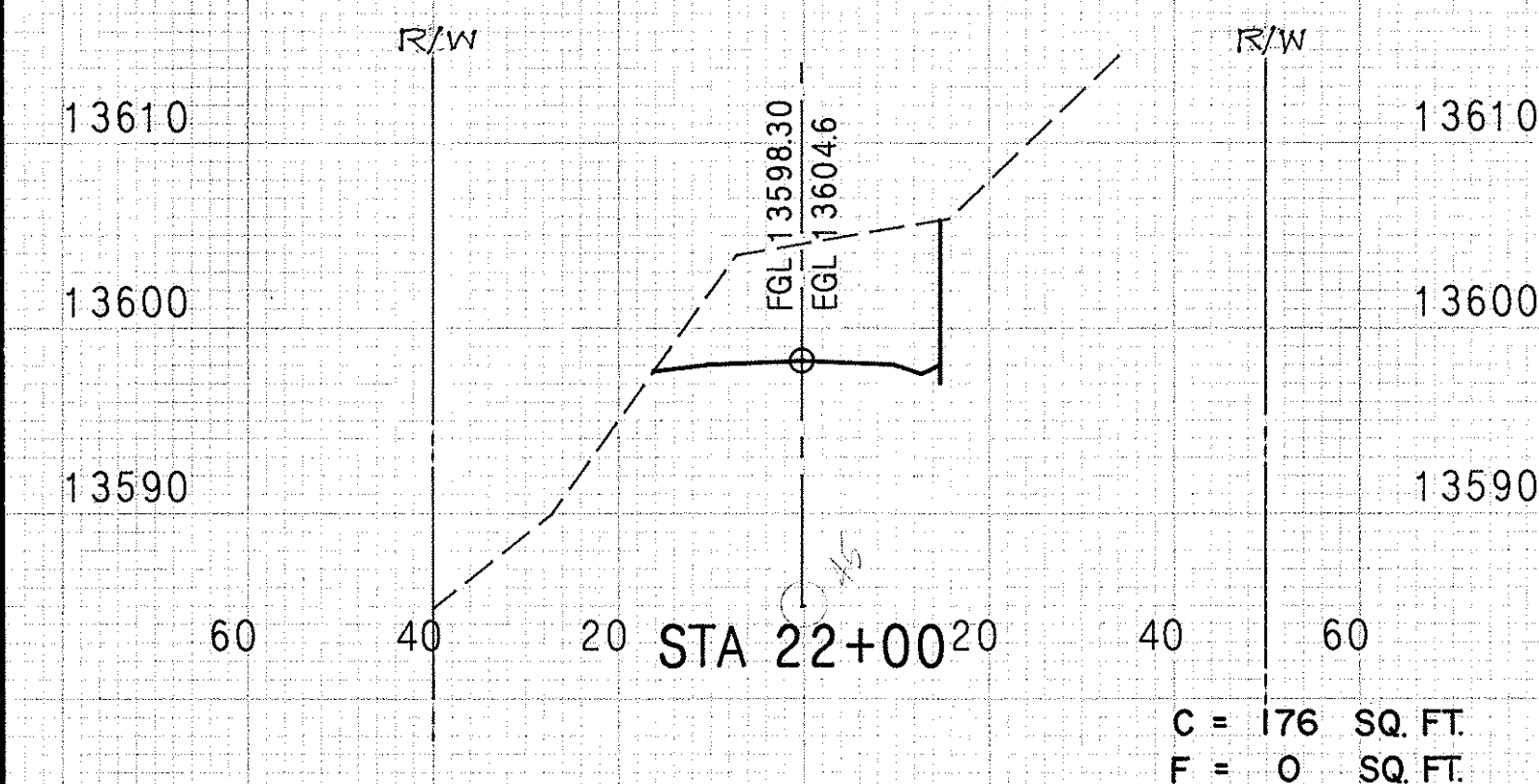
EXC. = 340 CU. YD.
EMB. = 0 CU. YD.



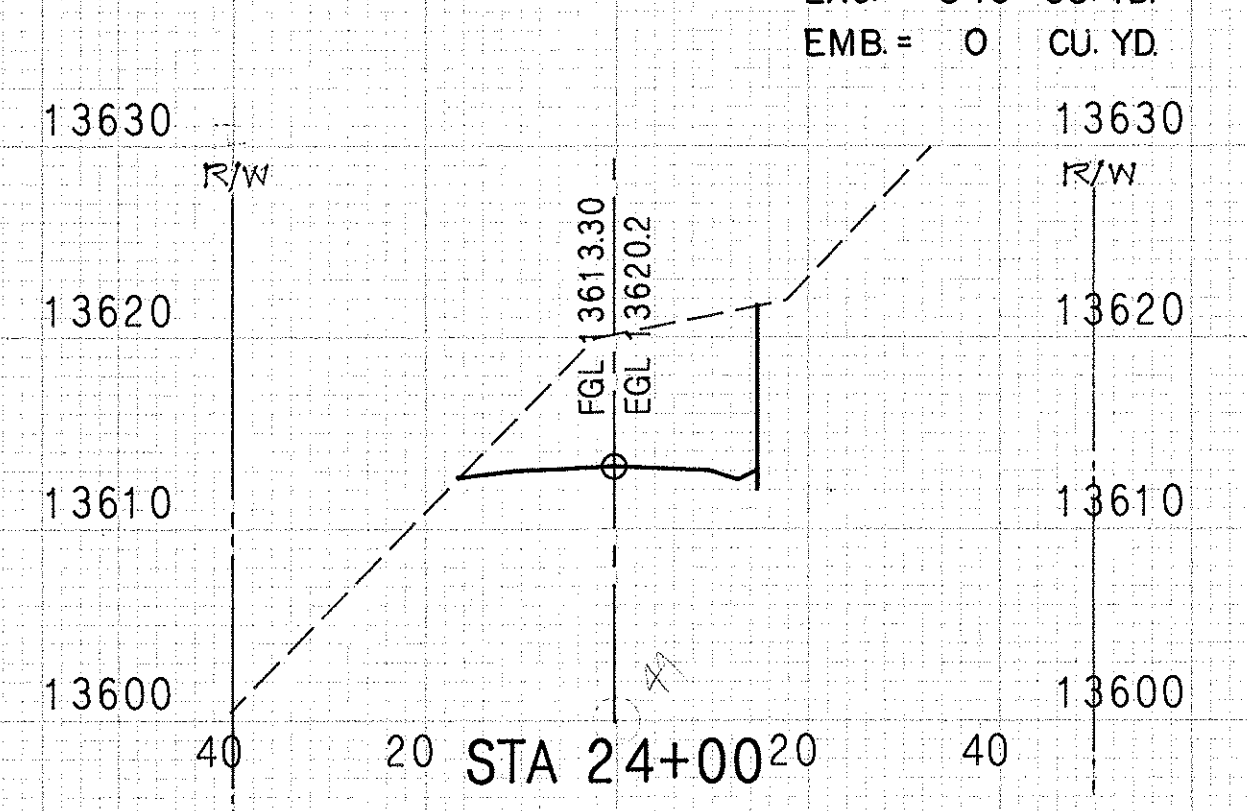
EXC. = 660 CU. YD.
EMB. = 0 CU. YD.



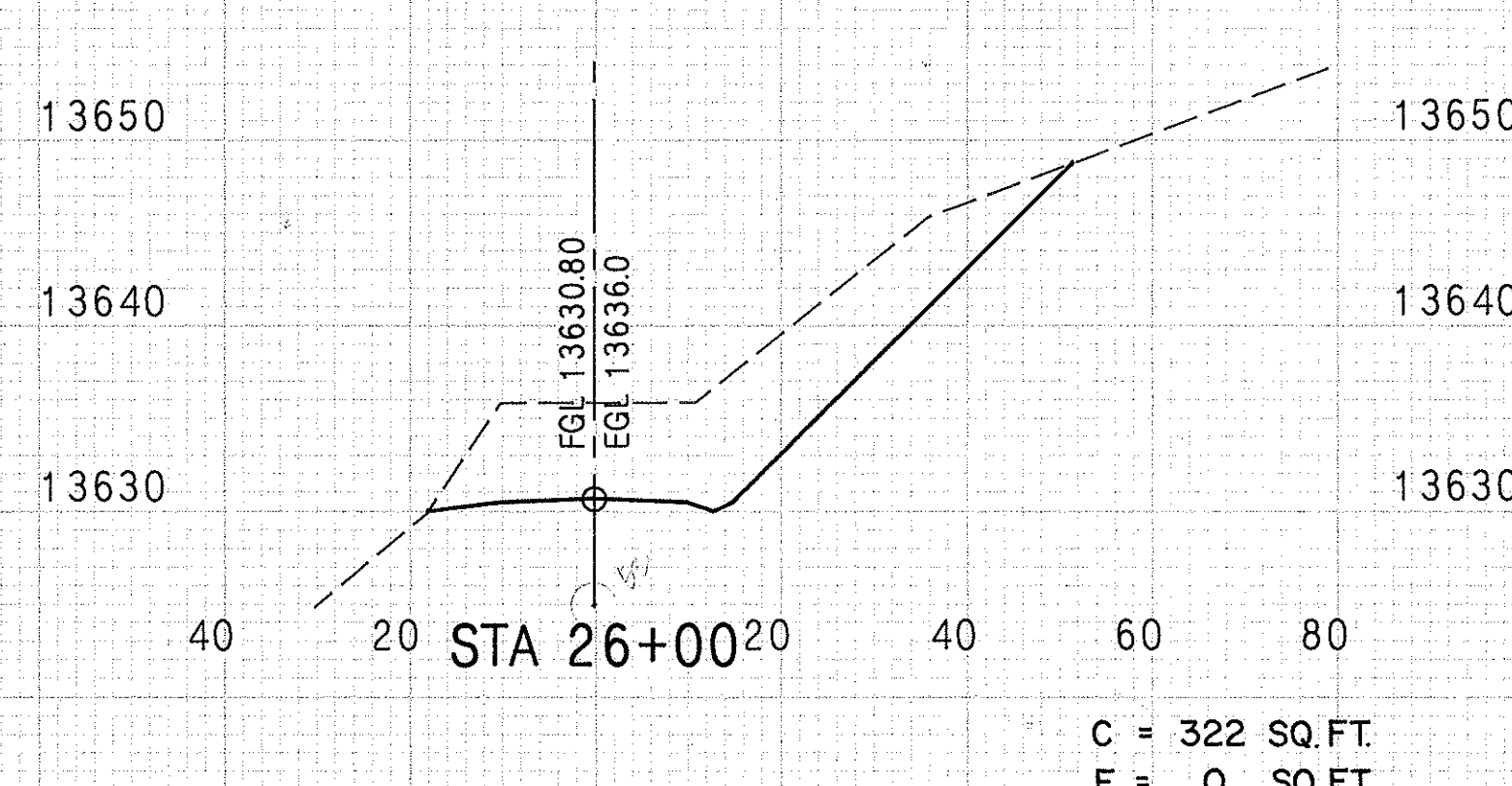
EXC. = 44 CU. YD.
EMB. = 42 CU. YD.



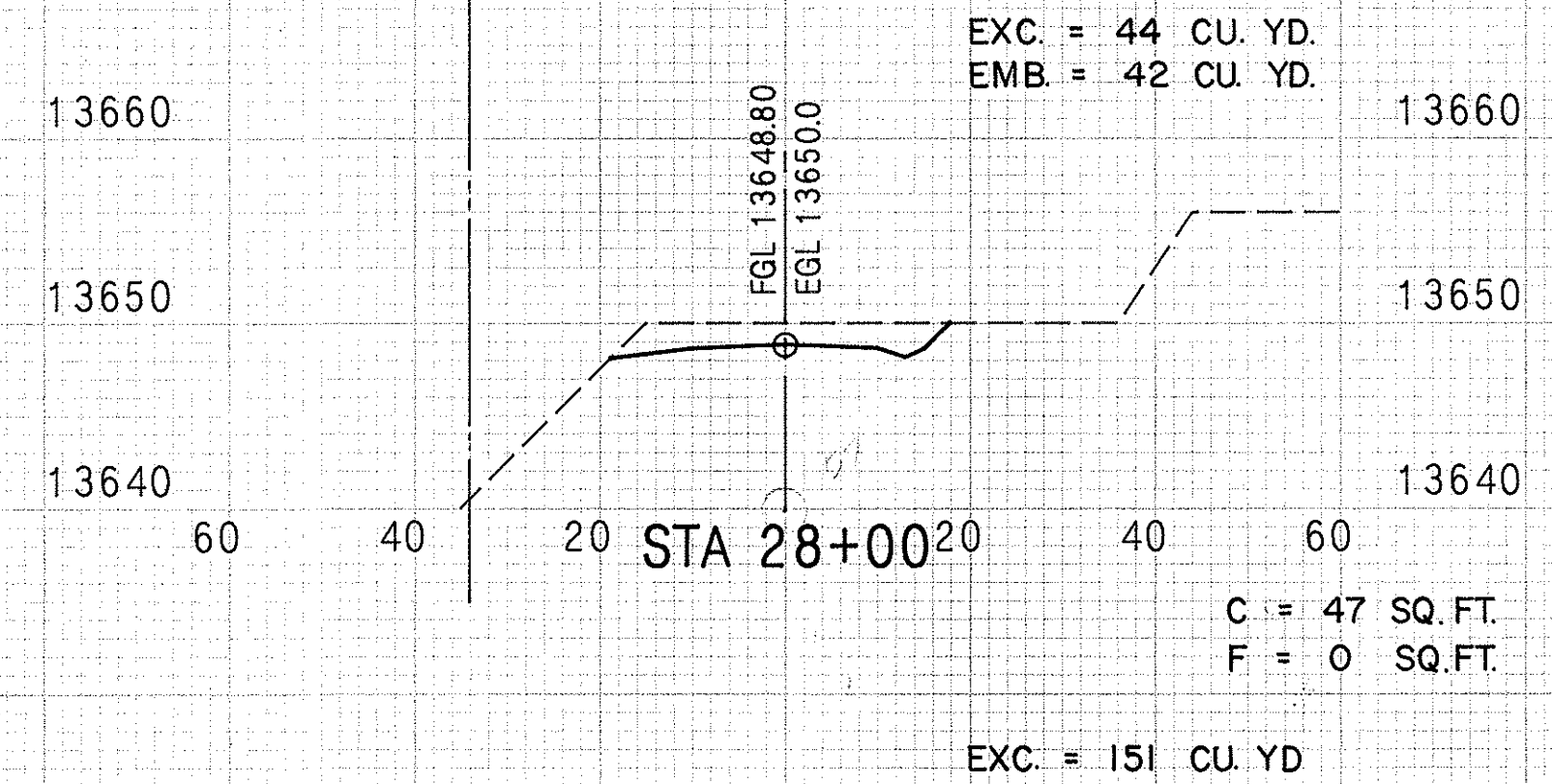
EXC. = 327 CU. YD.
EMB. = 0 CU. YD.



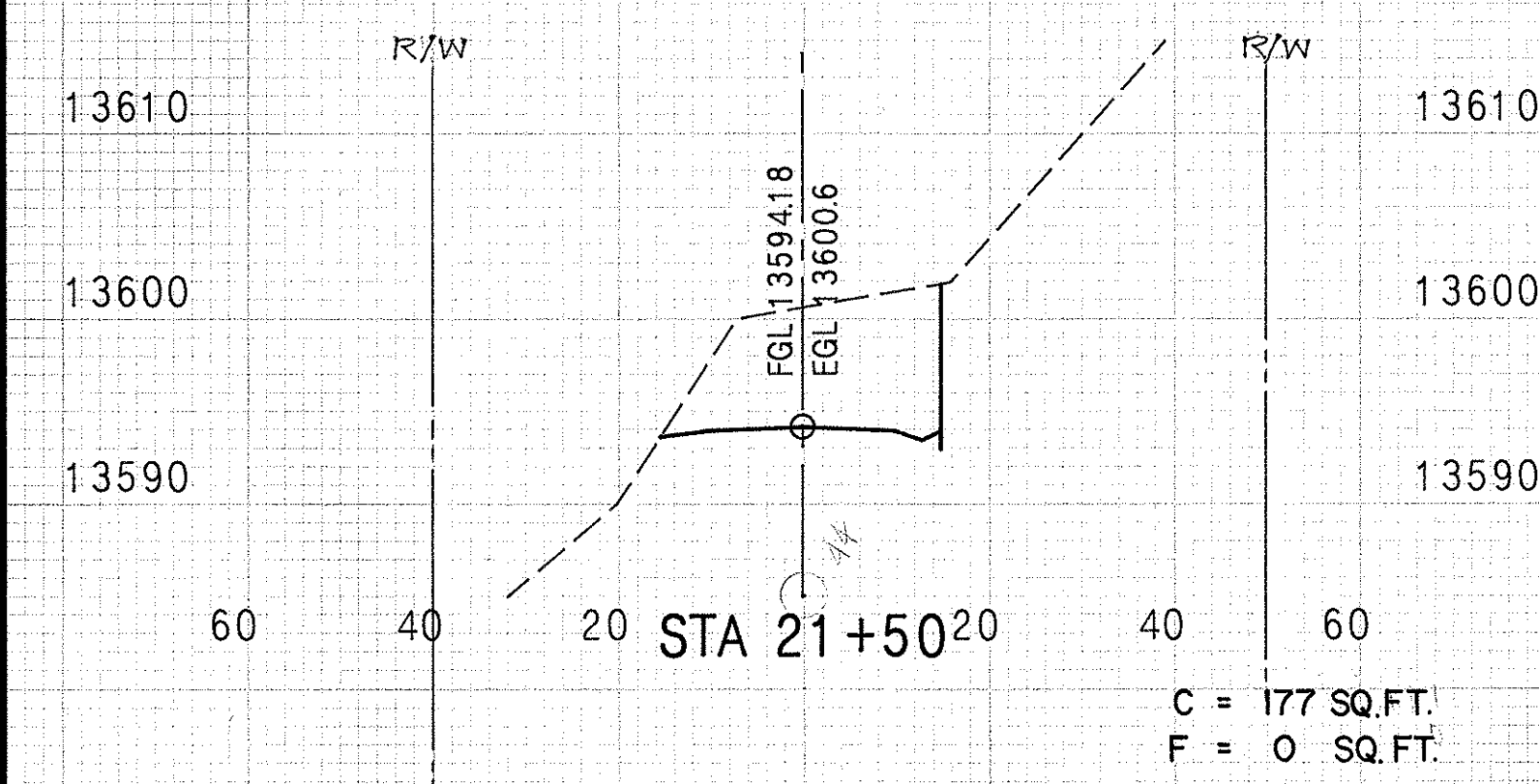
EXC. = 350 CU. YD.
EMB. = 0 CU. YD.



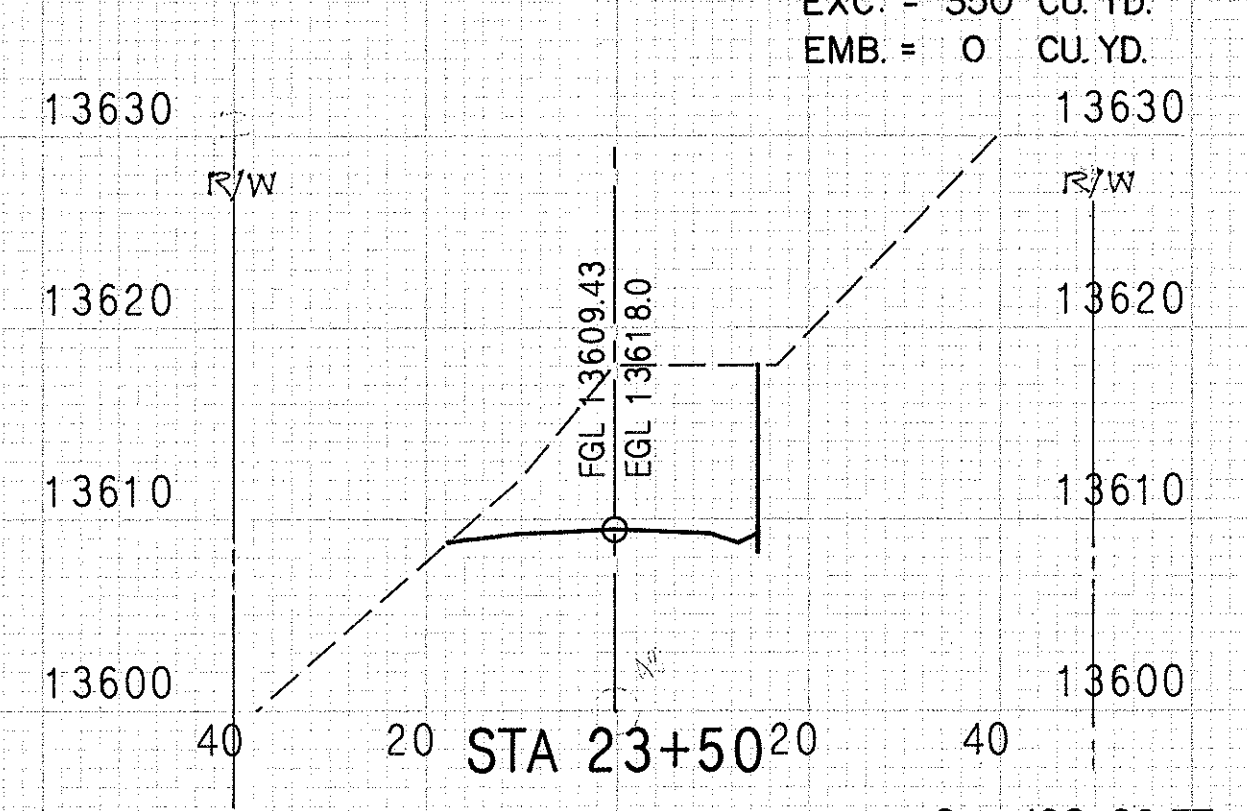
EXC. = 685 CU. YD.
EMB. = 0 CU. YD.



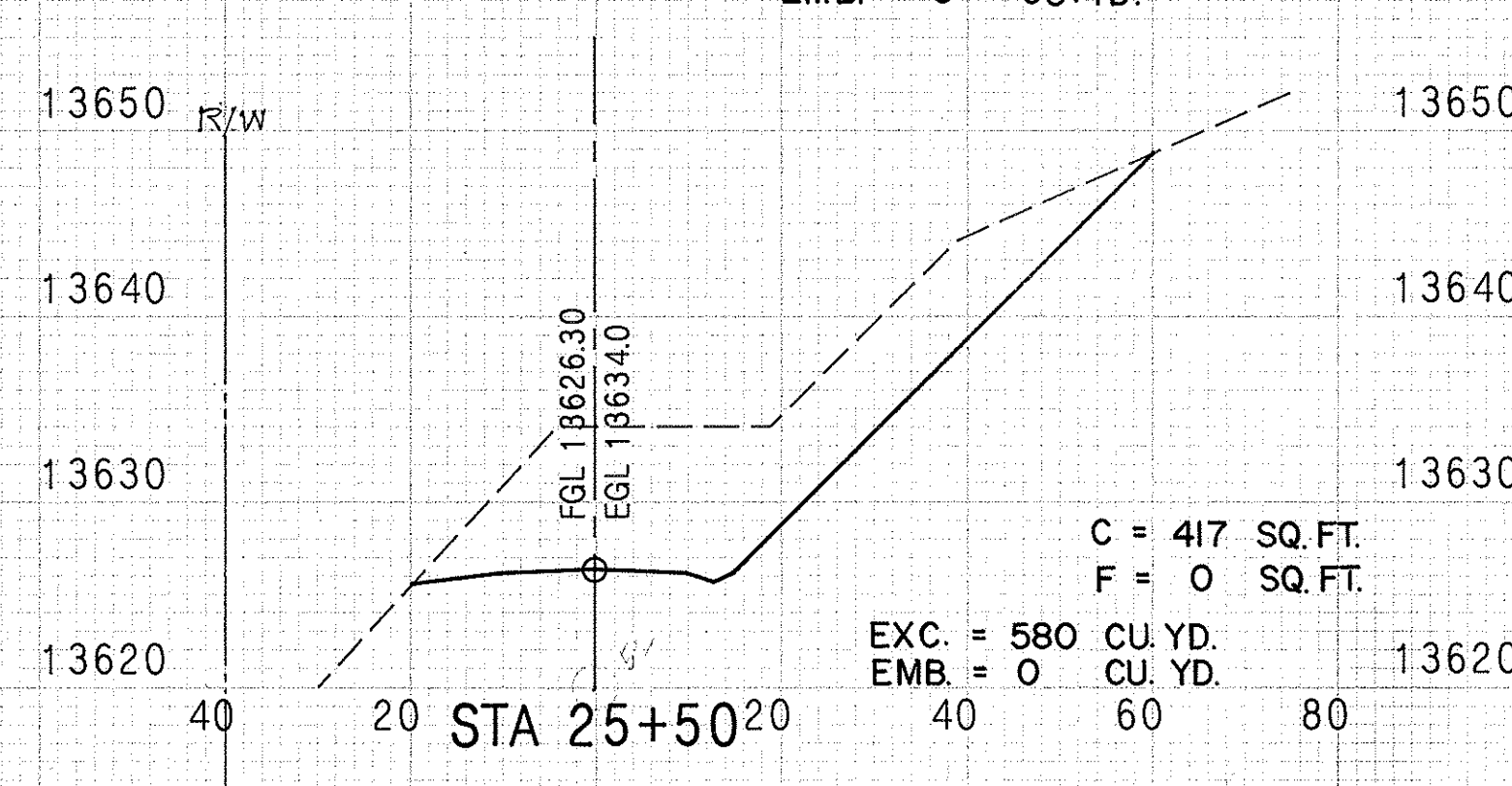
EXC. = 151 CU. YD.
EMB. = 0 CU. YD.



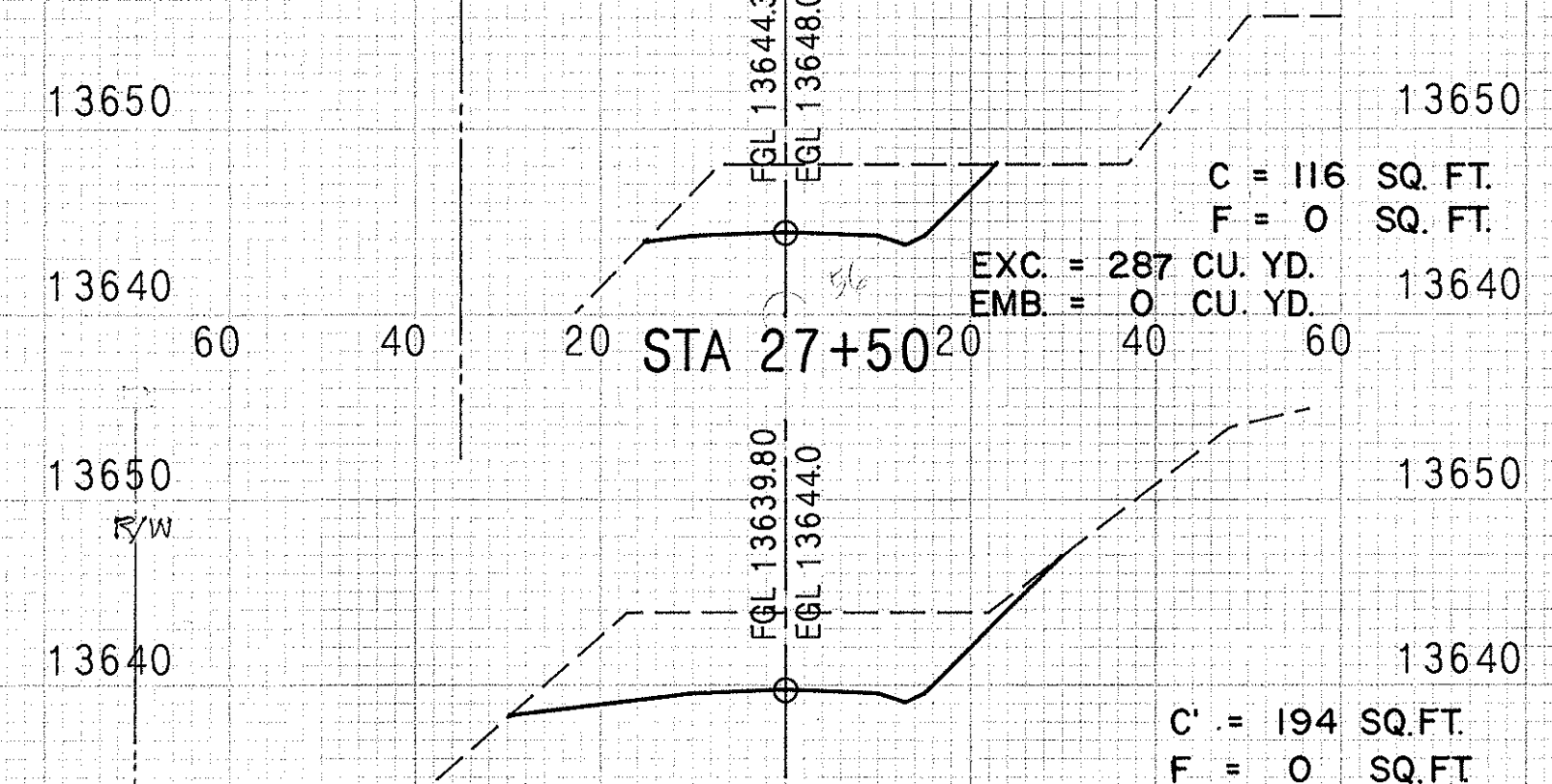
EXC. = 345 CU. YD.
EMB. = 0 CU. YD.



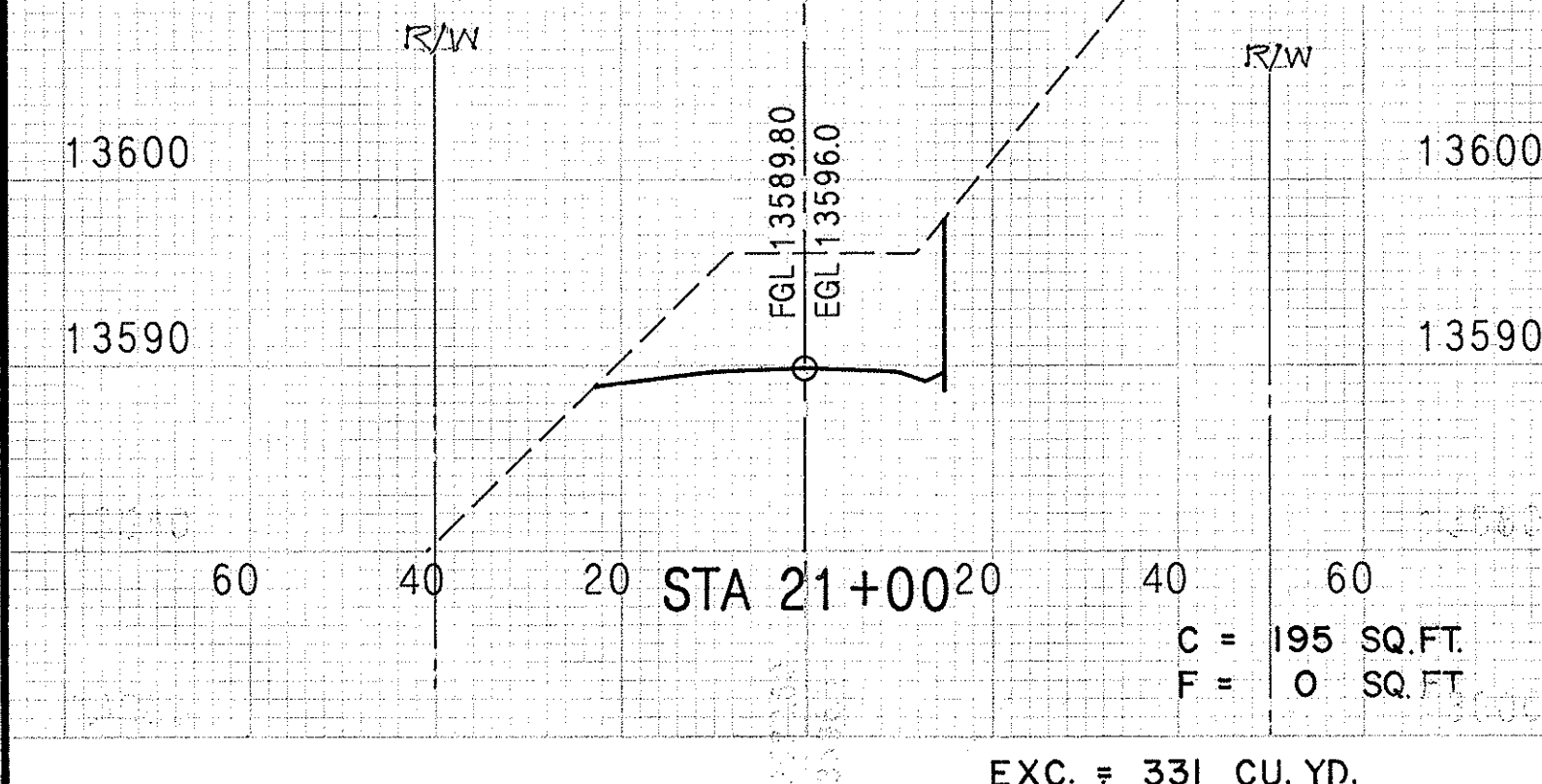
EXC. = 400 CU. YD.
EMB. = 0 CU. YD.



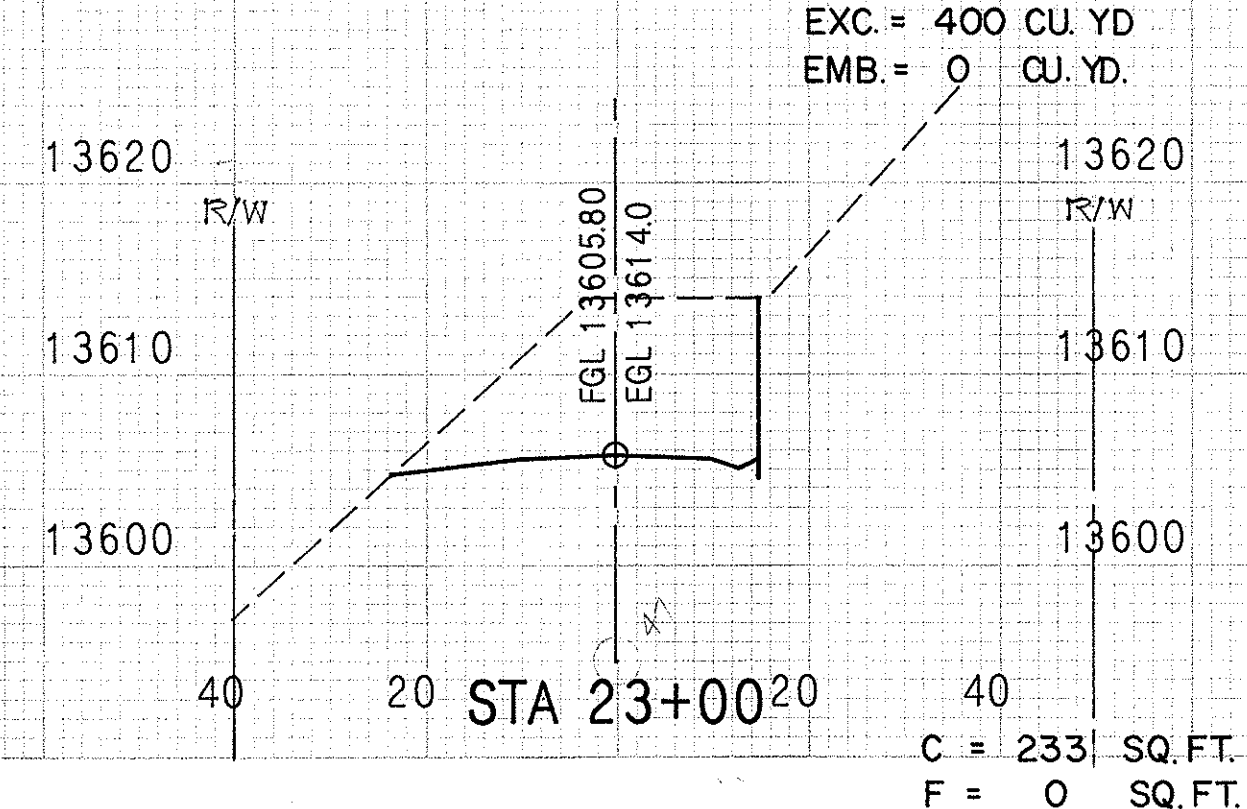
EXC. = 580 CU. YD.
EMB. = 0 CU. YD.



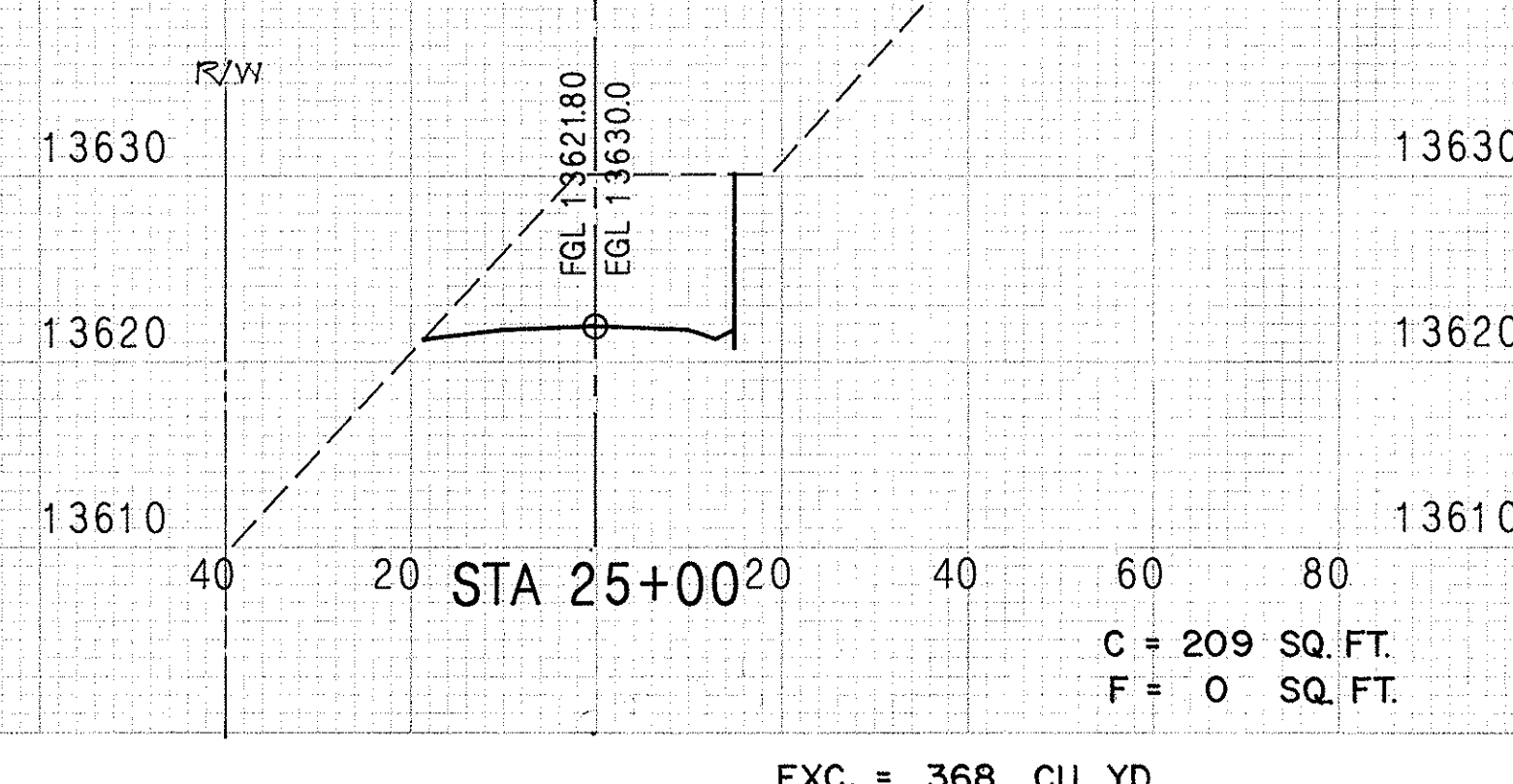
EXC. = 287 CU. YD.
EMB. = 0 CU. YD.



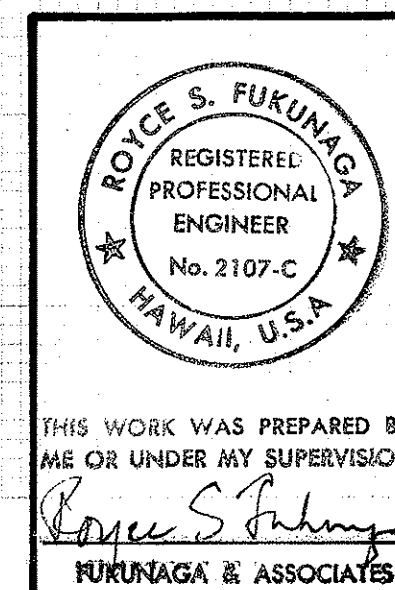
EXC. = 331 CU. YD.
EMB. = 0 CU. YD.



EXC. = 424 CU. YD.
EMB. = 0 CU. YD.



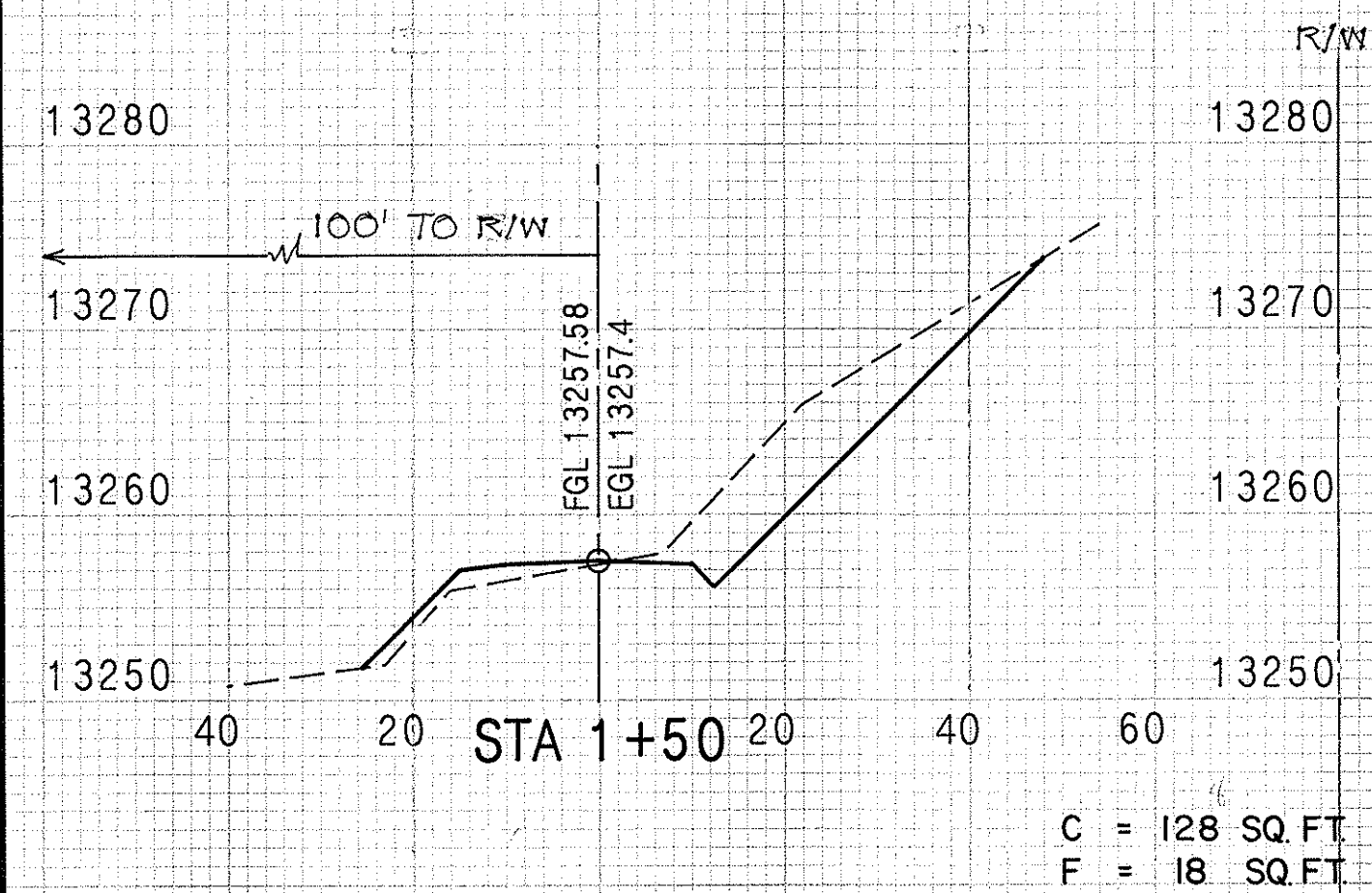
EXC. = 368 CU. YD.
EMB. = 0 CU. YD.



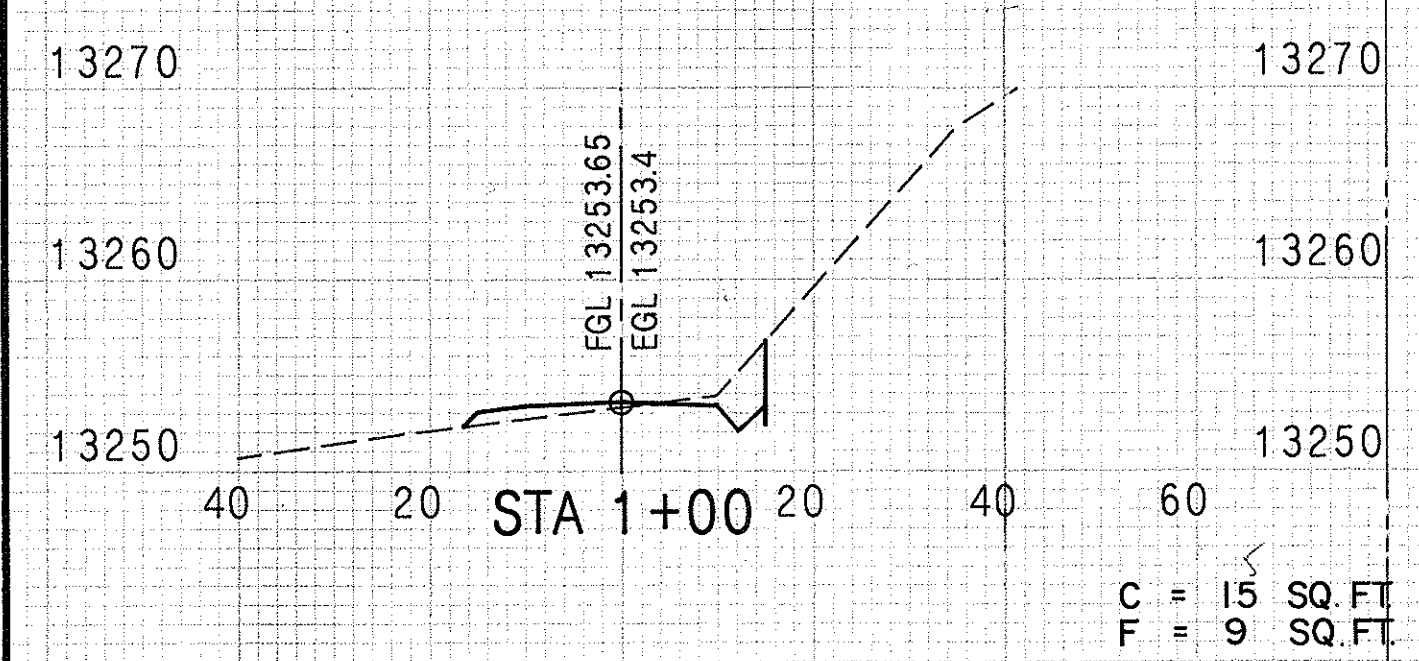
CROSS SECTIONS
SPUR 2
STA. 21+00 TO STA 28+50

SHEET NO 16 OF 20 SHEETS

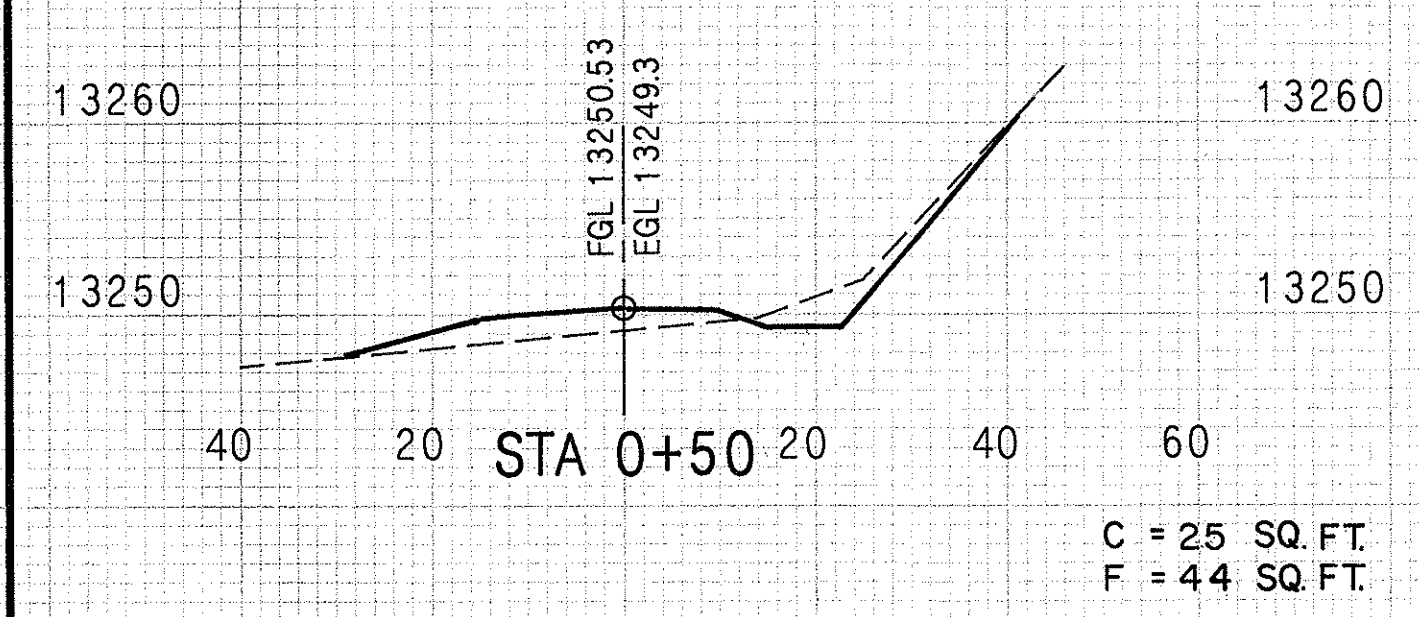
FED. ROAD DIST. NO	STATE	PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
HAWAII	HAW	HWY. H- 01-86	1987	63	115



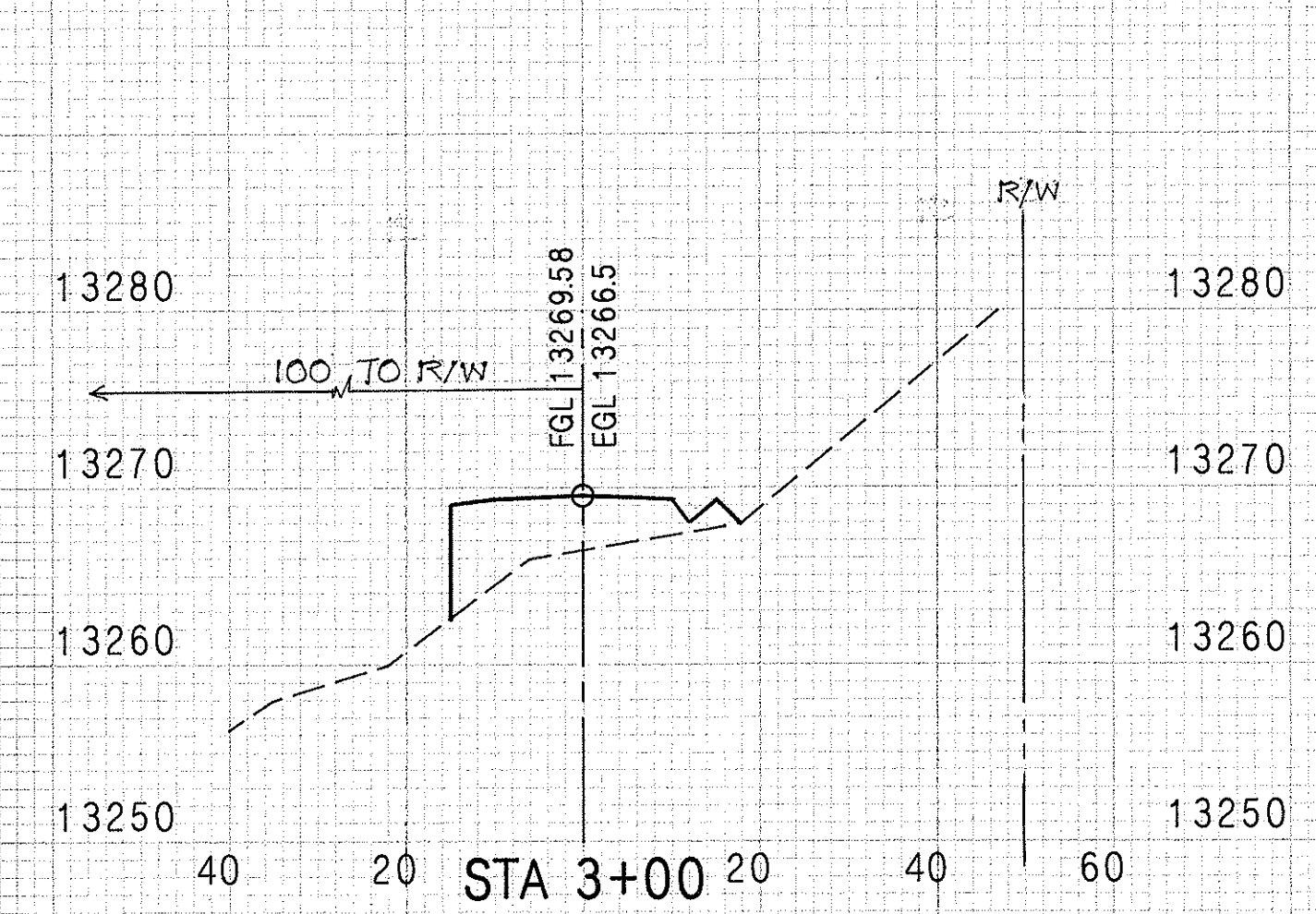
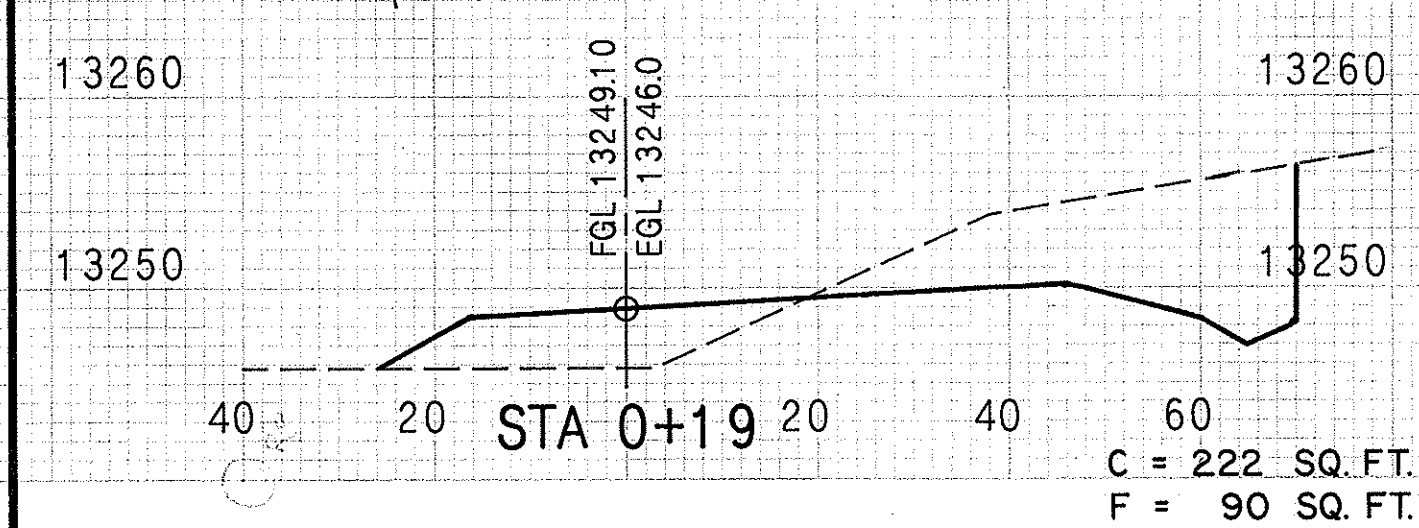
EXC. = 133 CU. YD.
EMB. = 25 CU. YD.



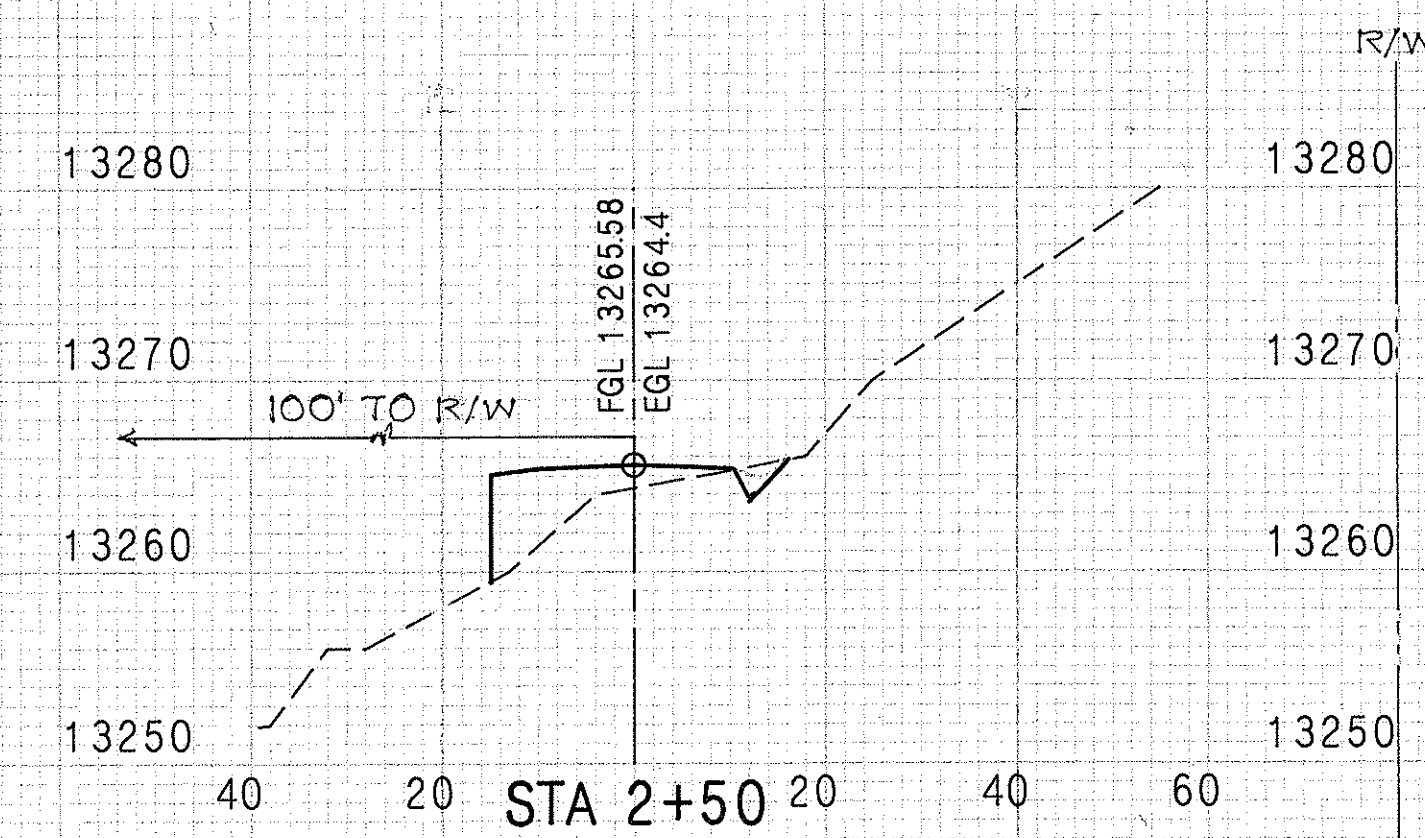
EXC. = 37 CU. YD.
EMB. = 49 CU. YD.



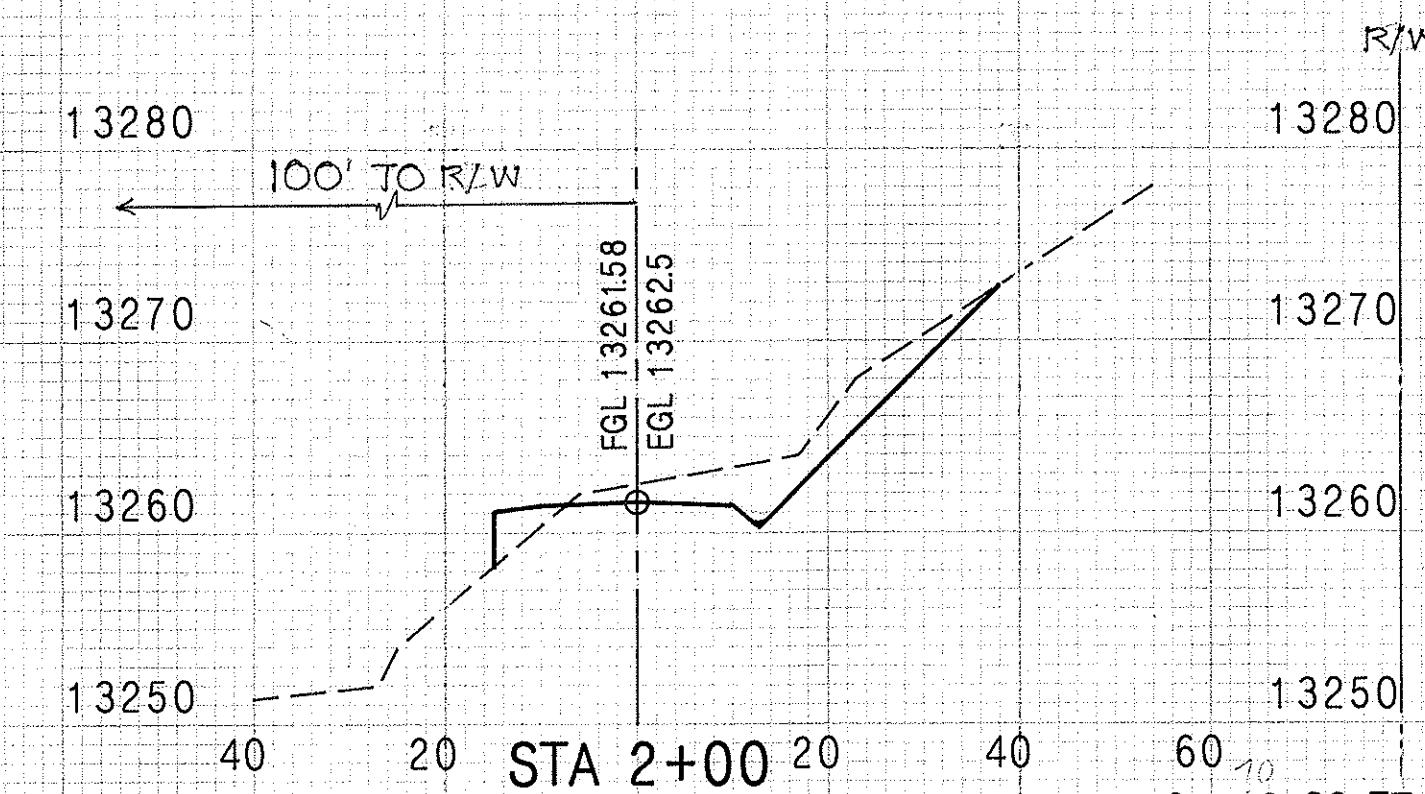
EXC. = 229 CU. YD.
EMB. = 124 CU. YD.



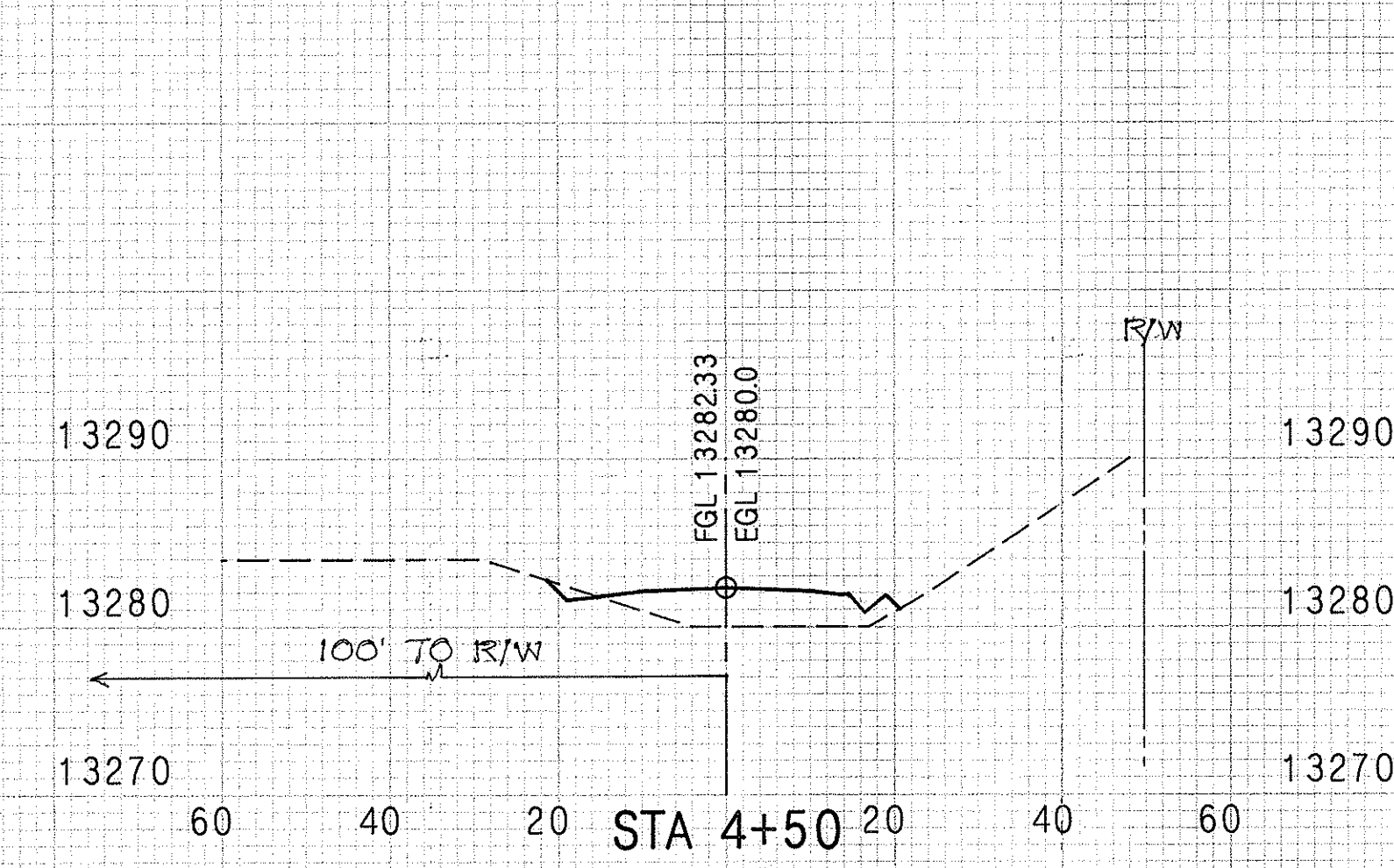
EXC. = 4 CU. YD.
EMB. = 142 CU. YD.



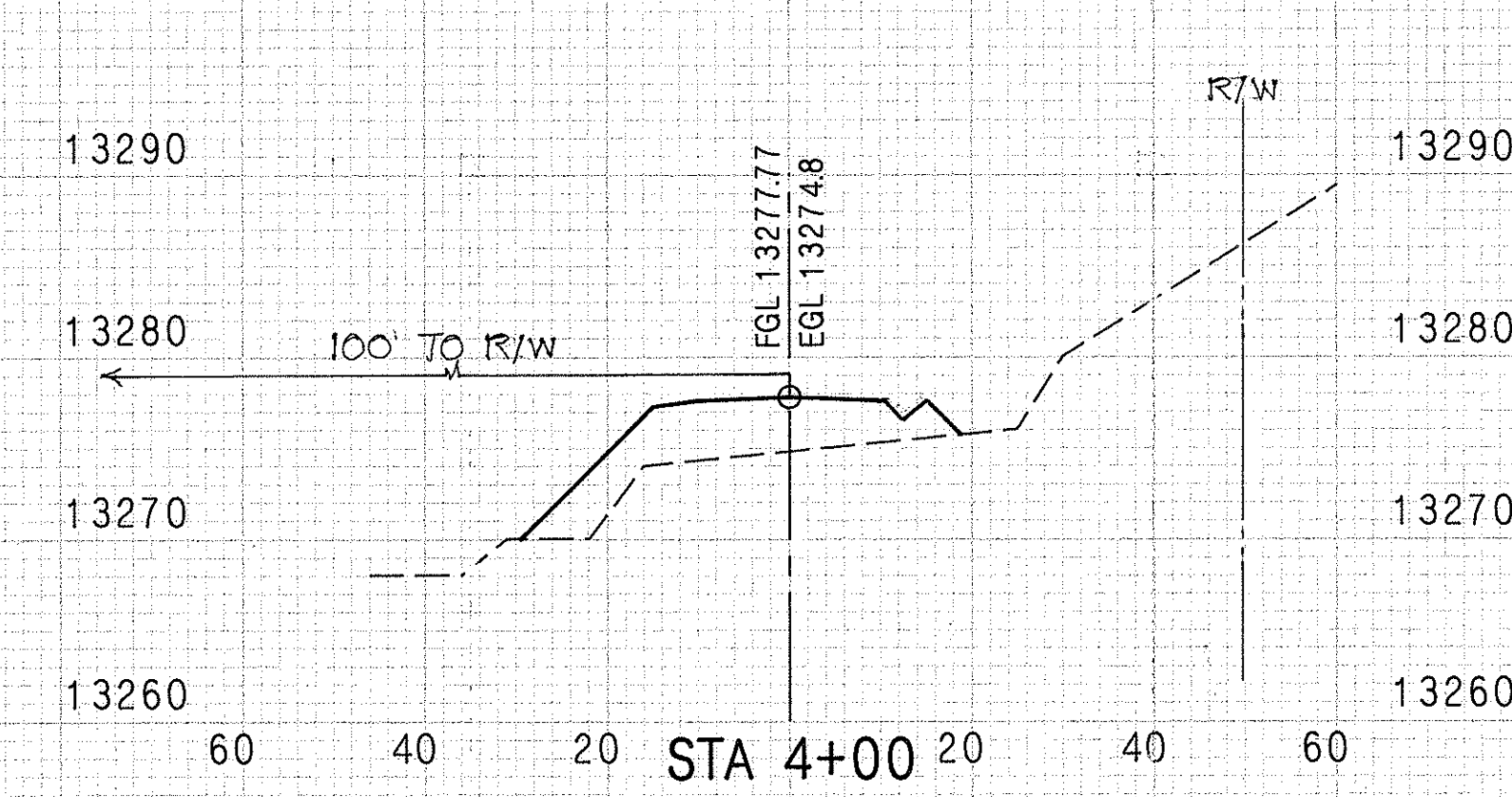
EXC. = 69 CU. YD.
EMB. = 60 CU. YD.



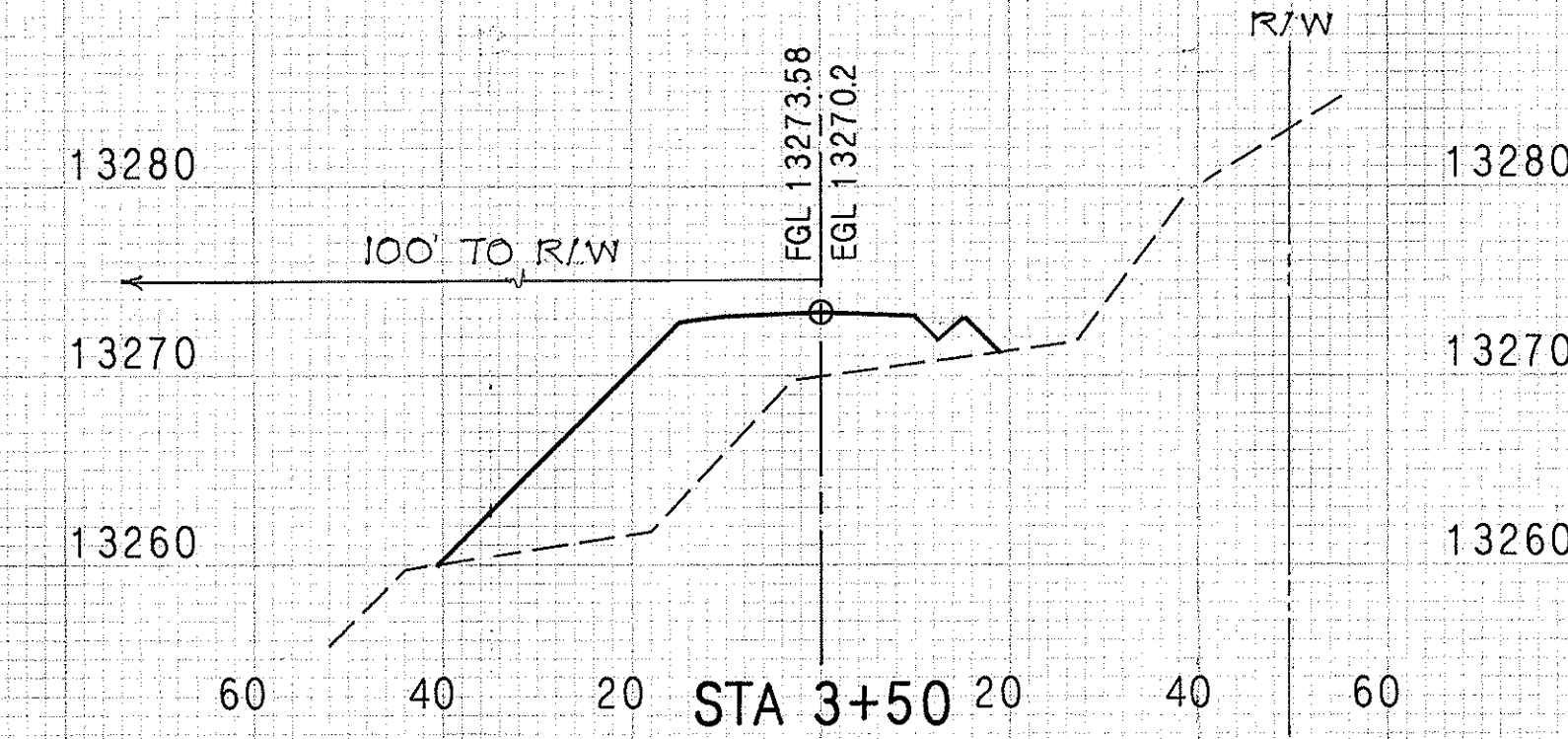
EXC. = 184 CU. YD.
EMB. = 27 CU. YD.



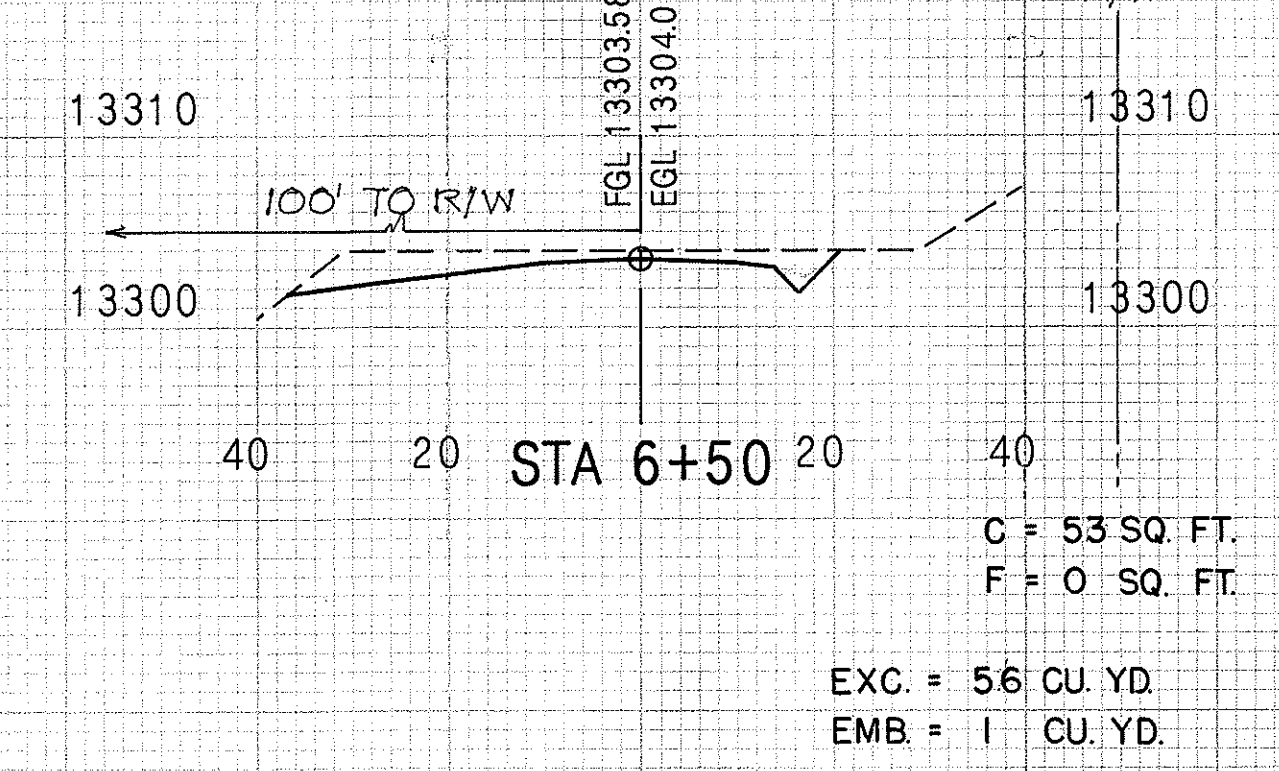
EXC. = 2 CU. YD.
EMB. = 169 CU. YD.



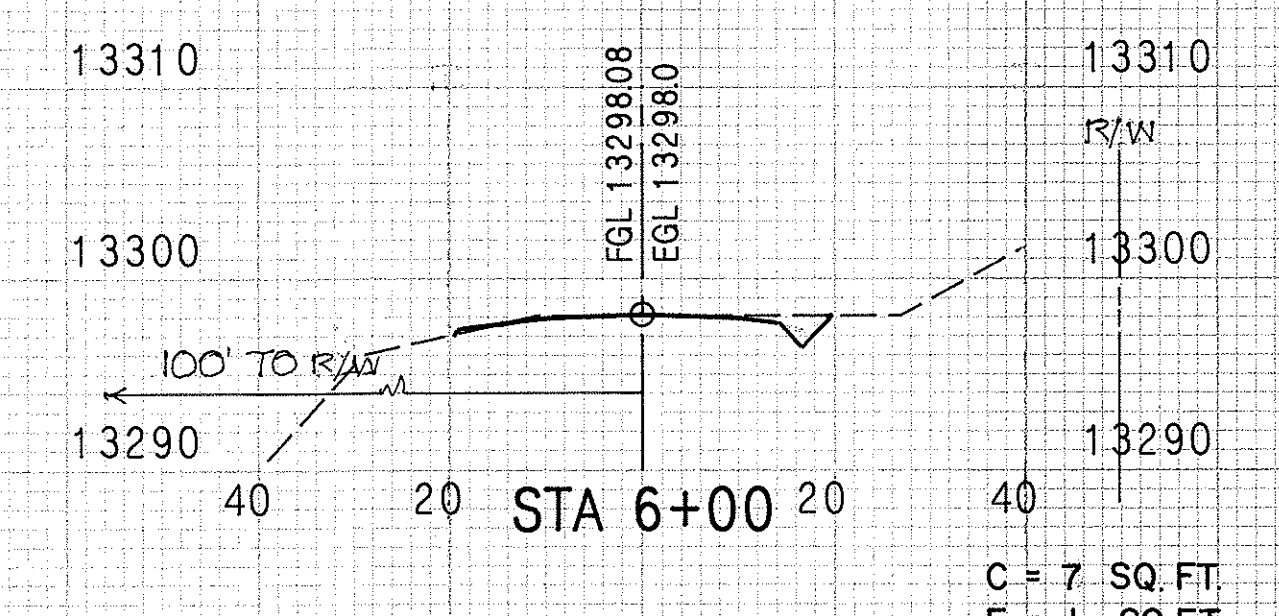
EXC. = 0 CU. YD.
EMB. = 361 CU. YD.



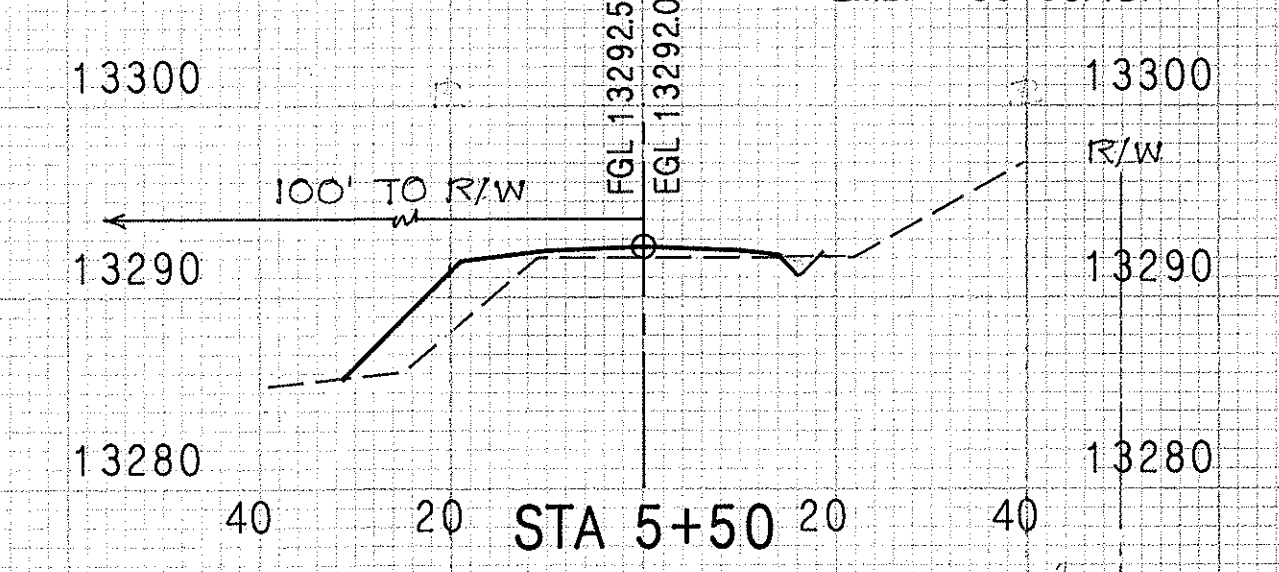
EXC. = 0 CU. YD.
EMB. = 341 CU. YD.



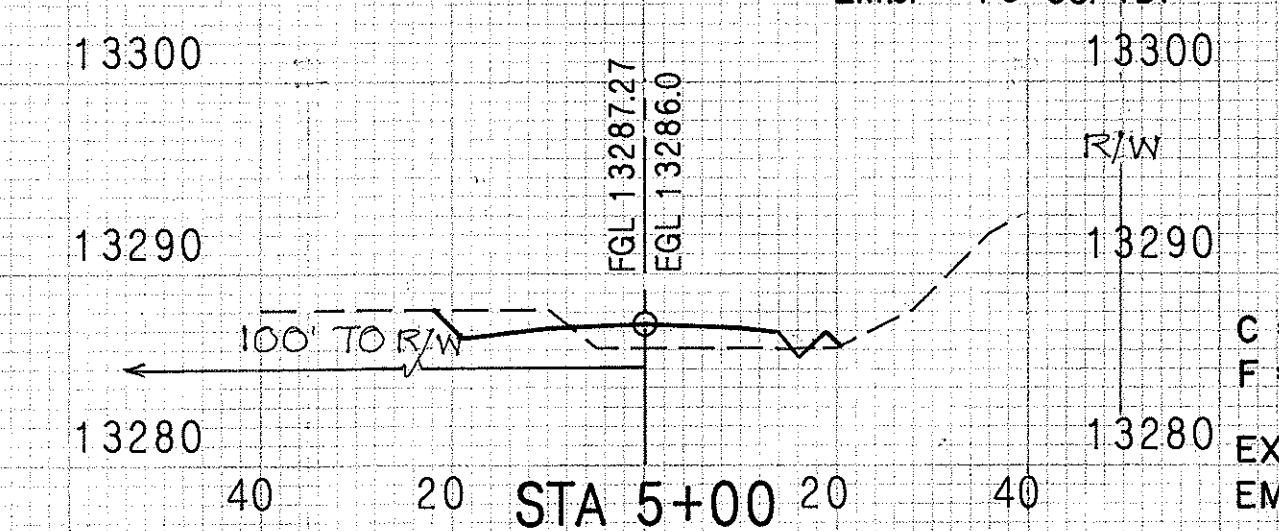
EXC. = 56 CU. YD.
EMB. = 1 CU. YD.



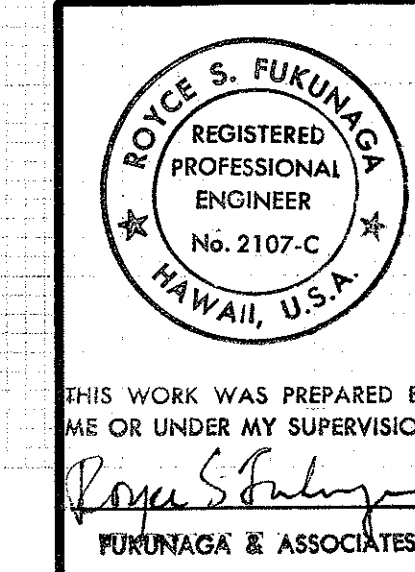
EXC. = 10 CU. YD.
EMB. = 50 CU. YD.



EXC. = 17 CU. YD.
EMB. = 73 CU. YD.



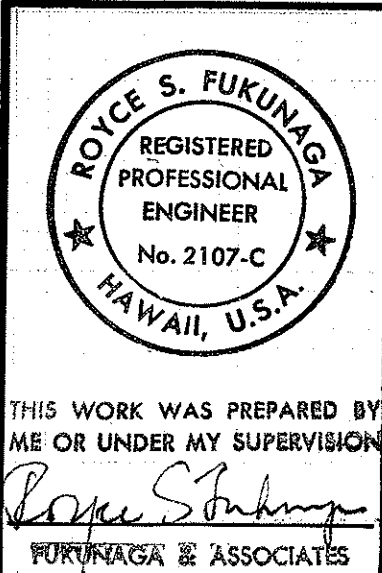
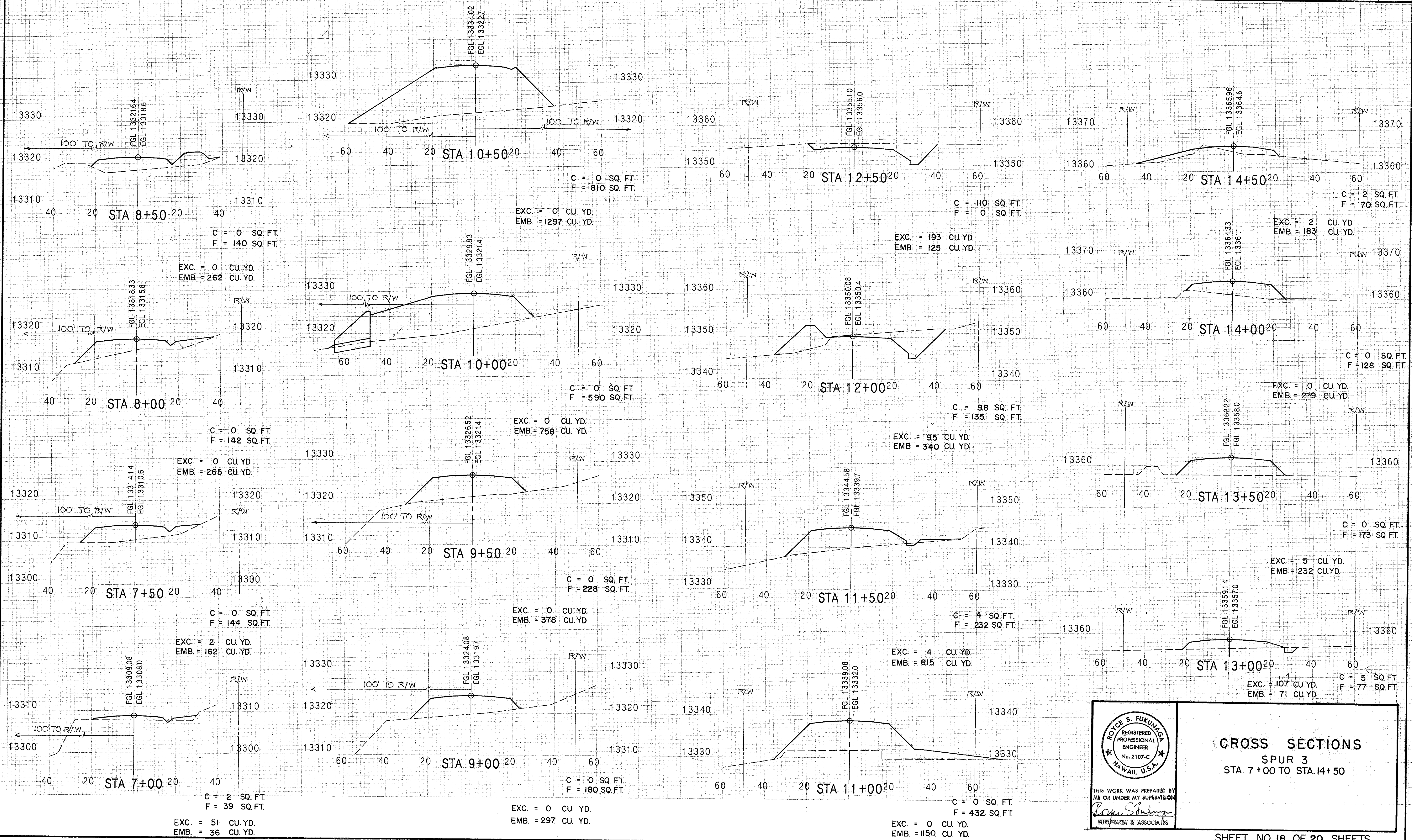
EXC. = 16 CU. YD.
EMB. = 79 CU. YD.



CROSS SECTIONS
SPUR 3
STA. 0+19 TO STA. 6+50

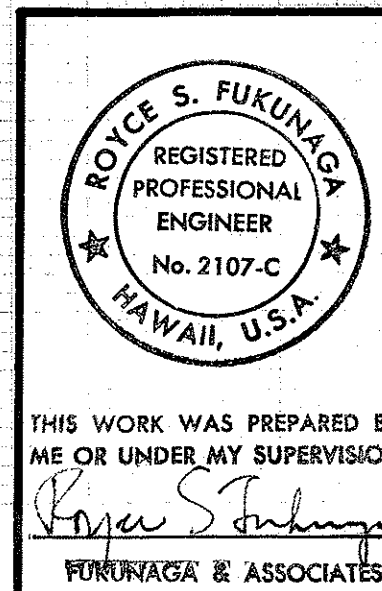
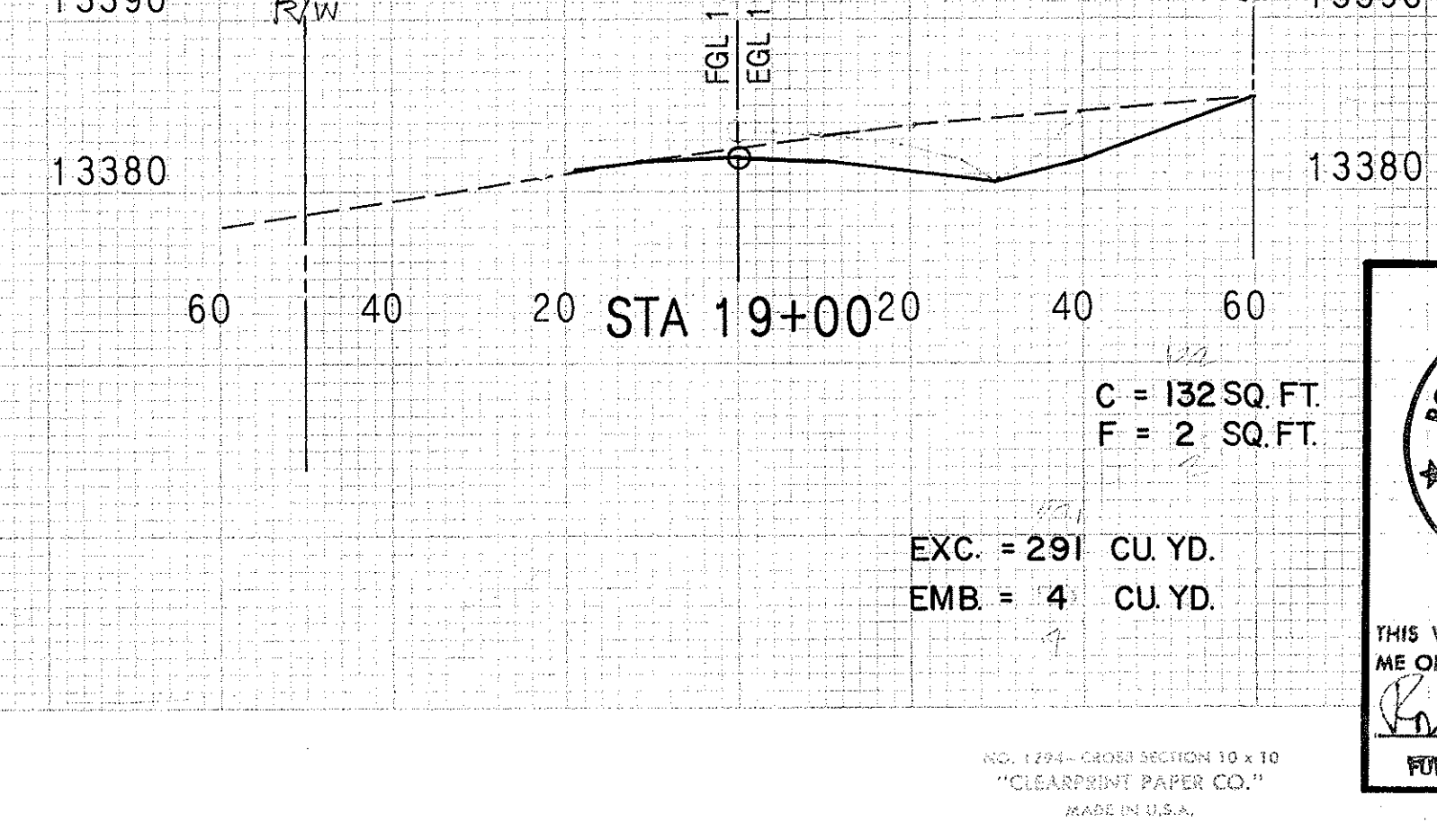
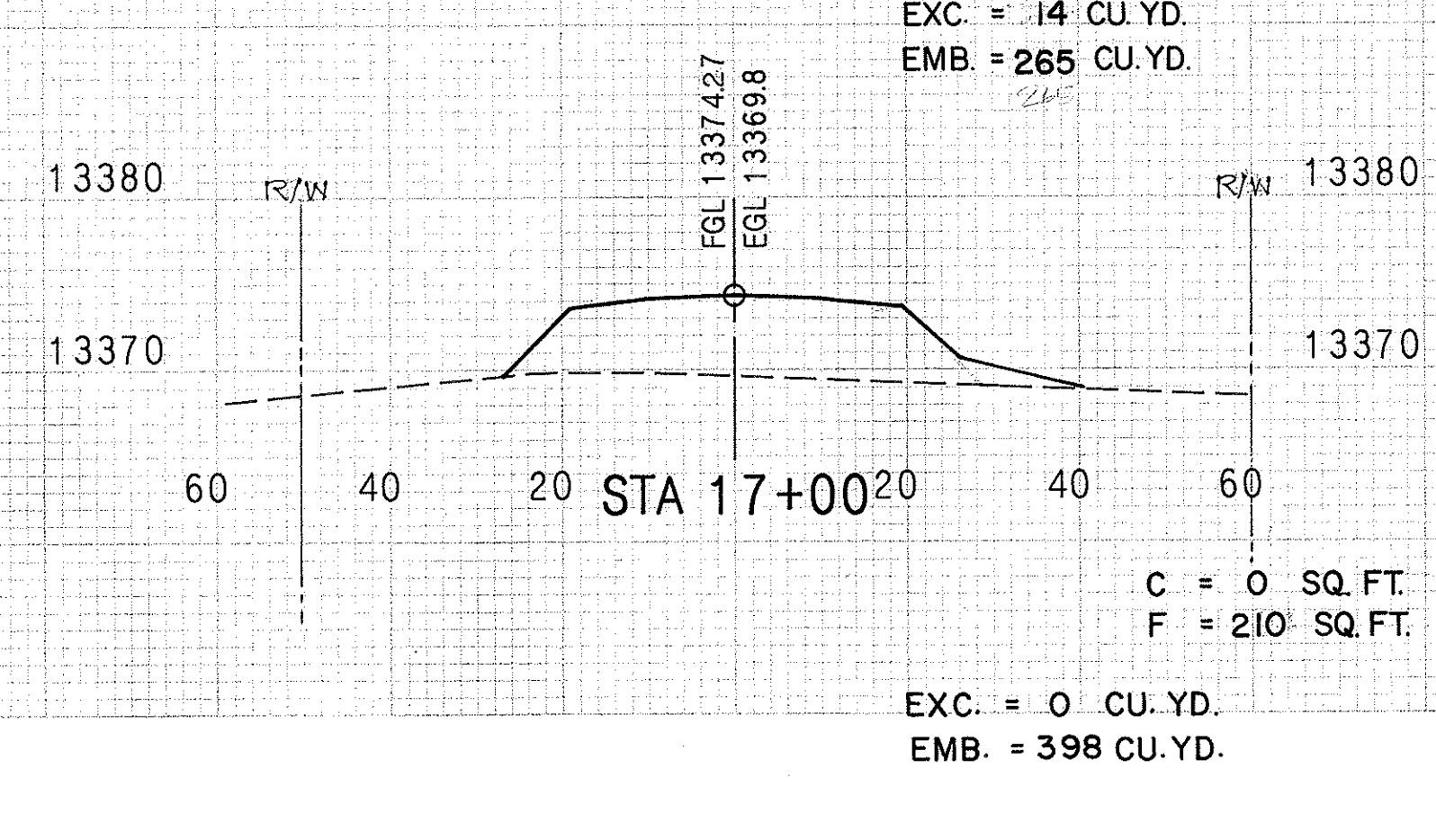
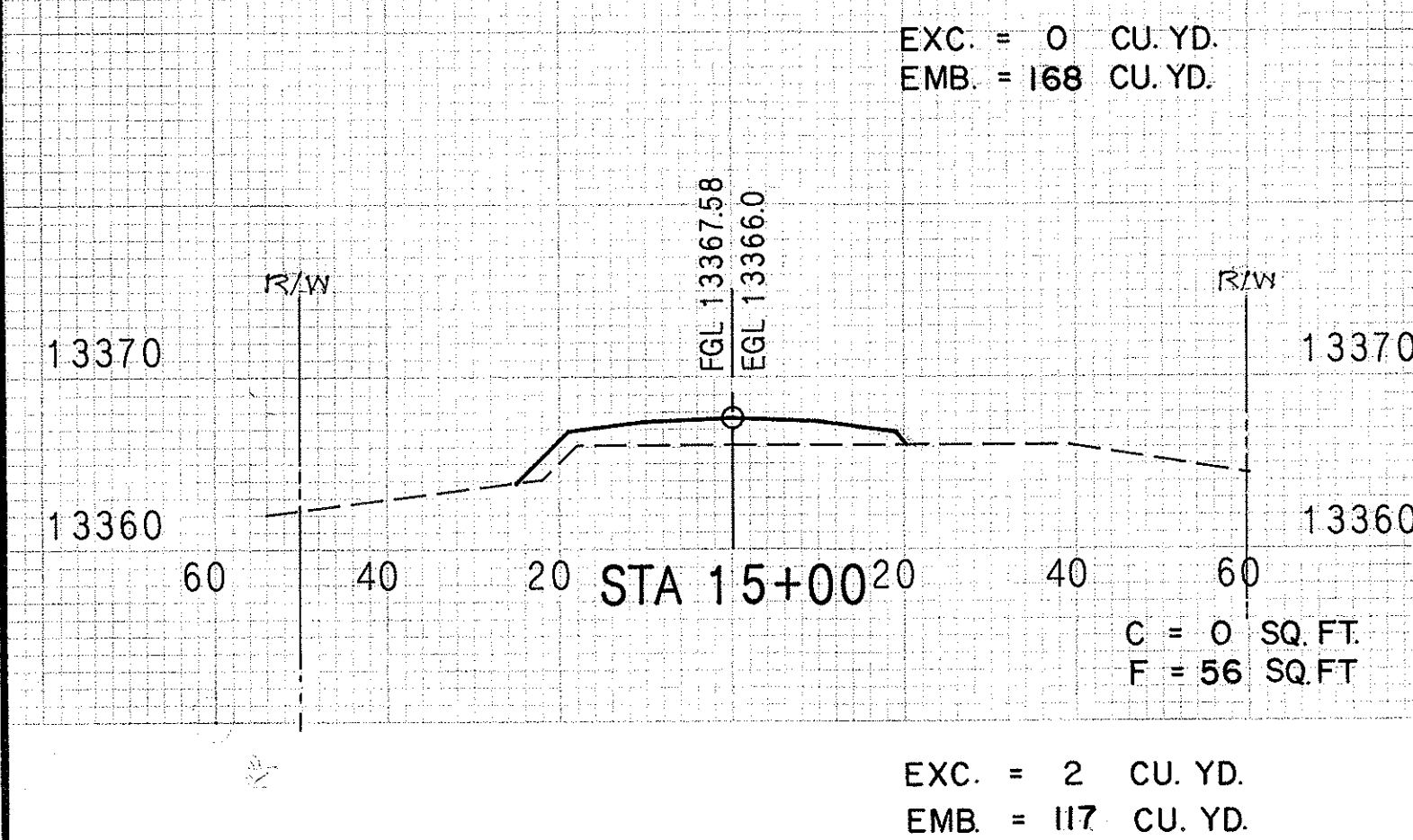
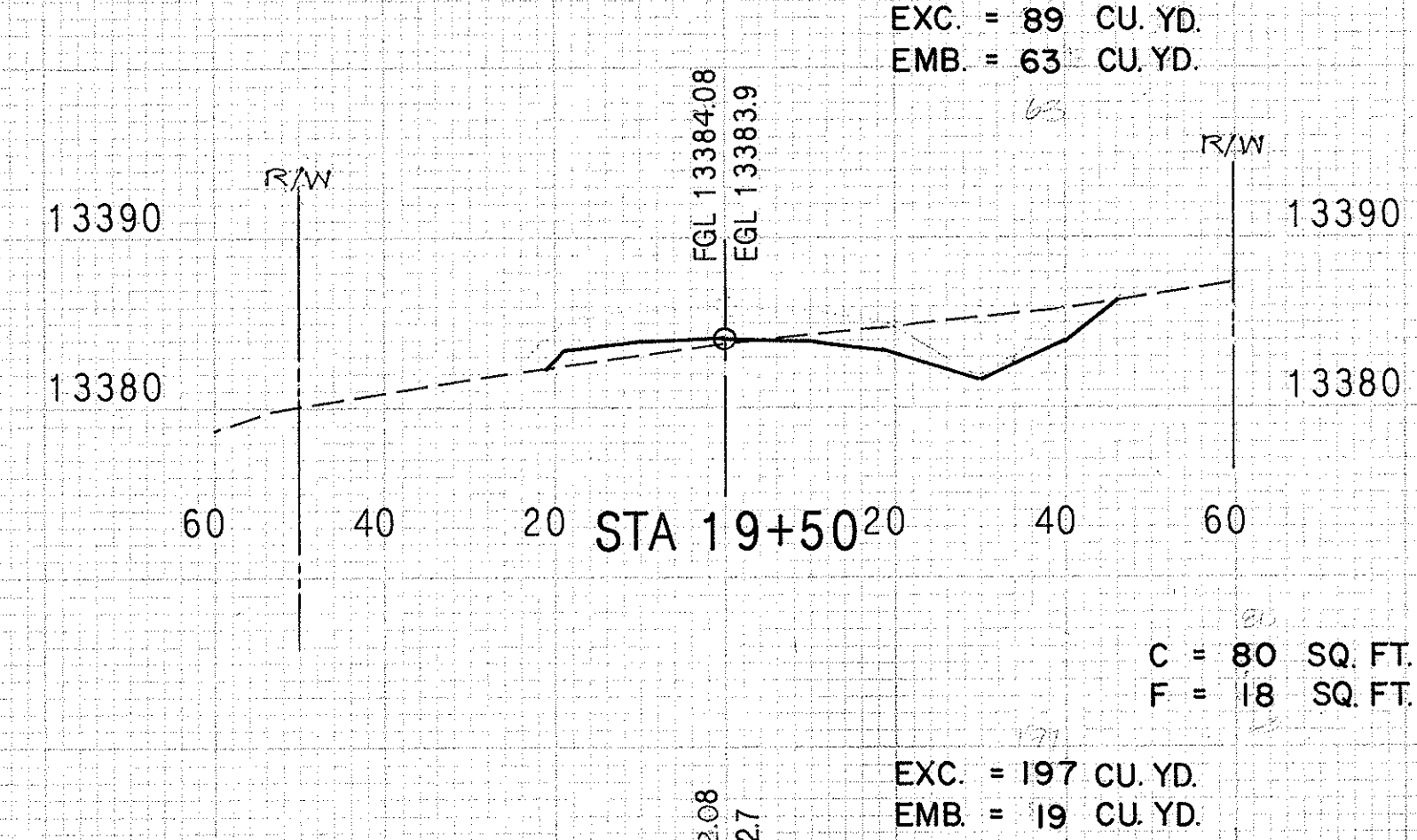
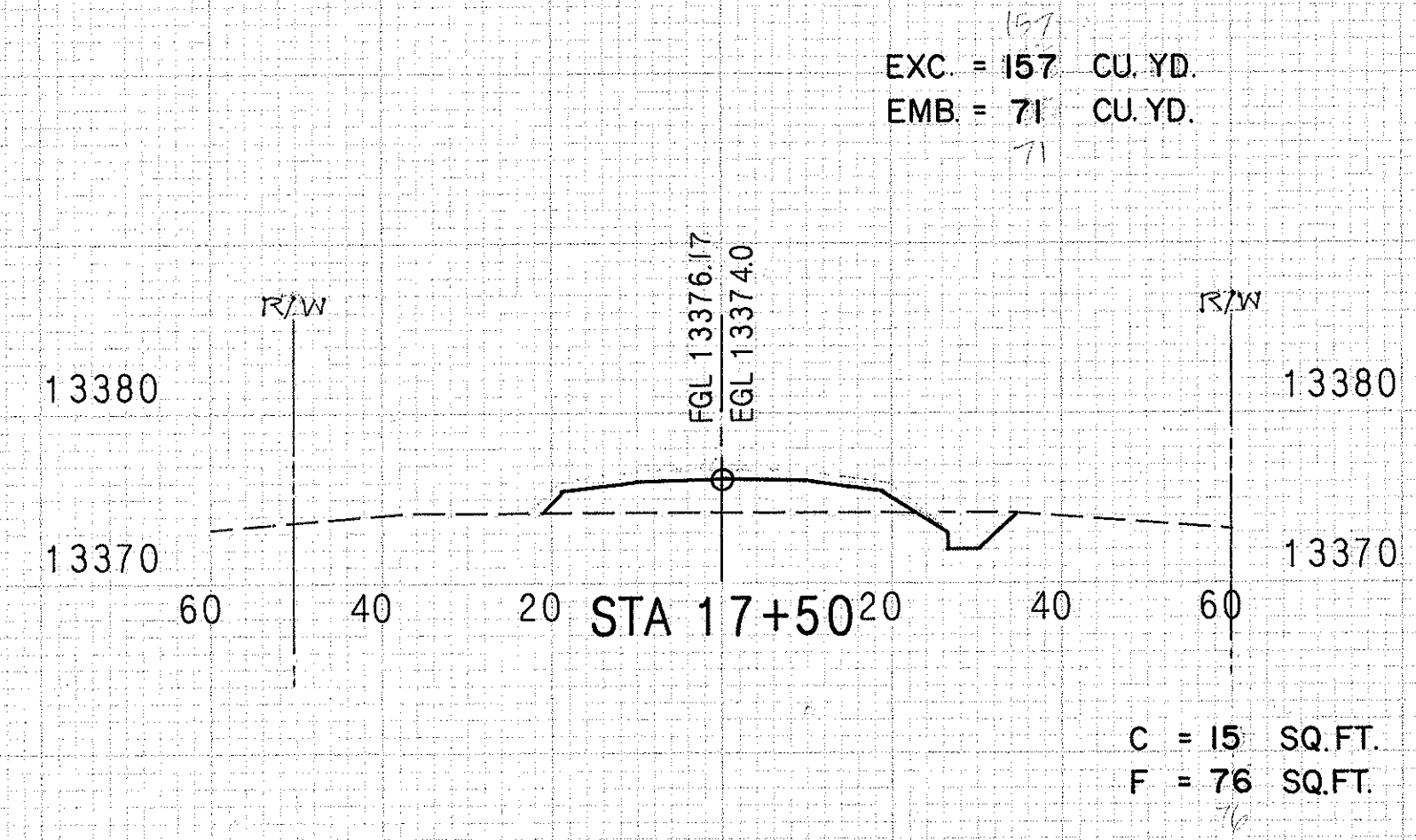
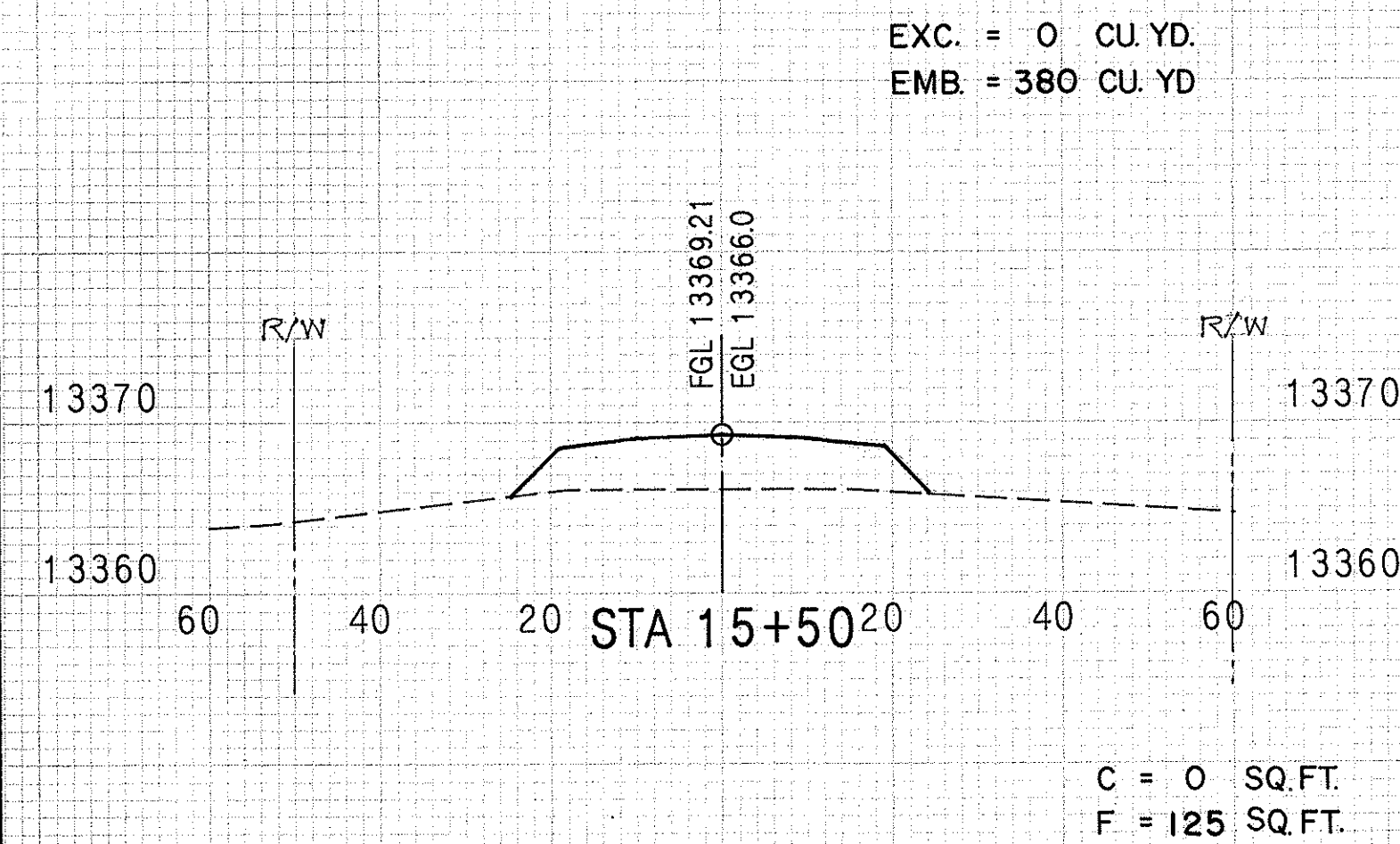
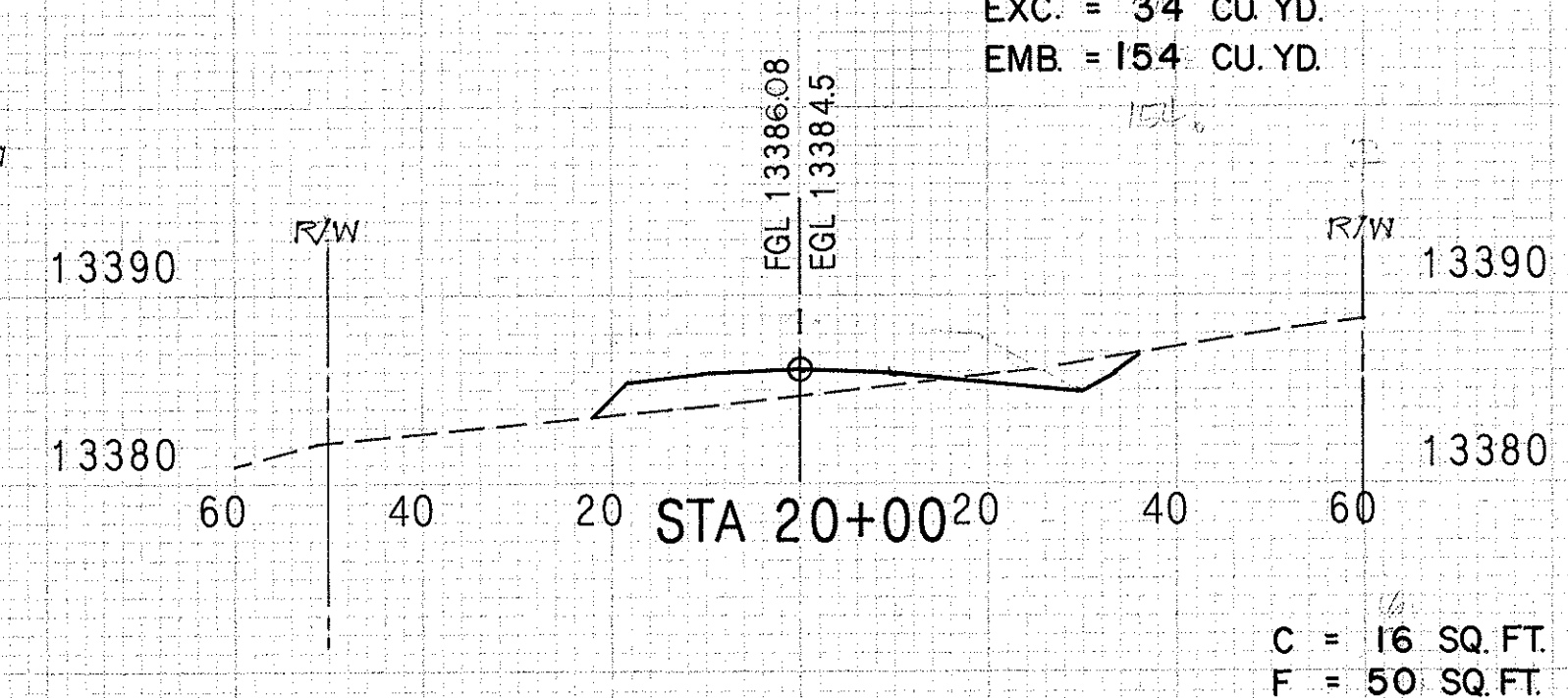
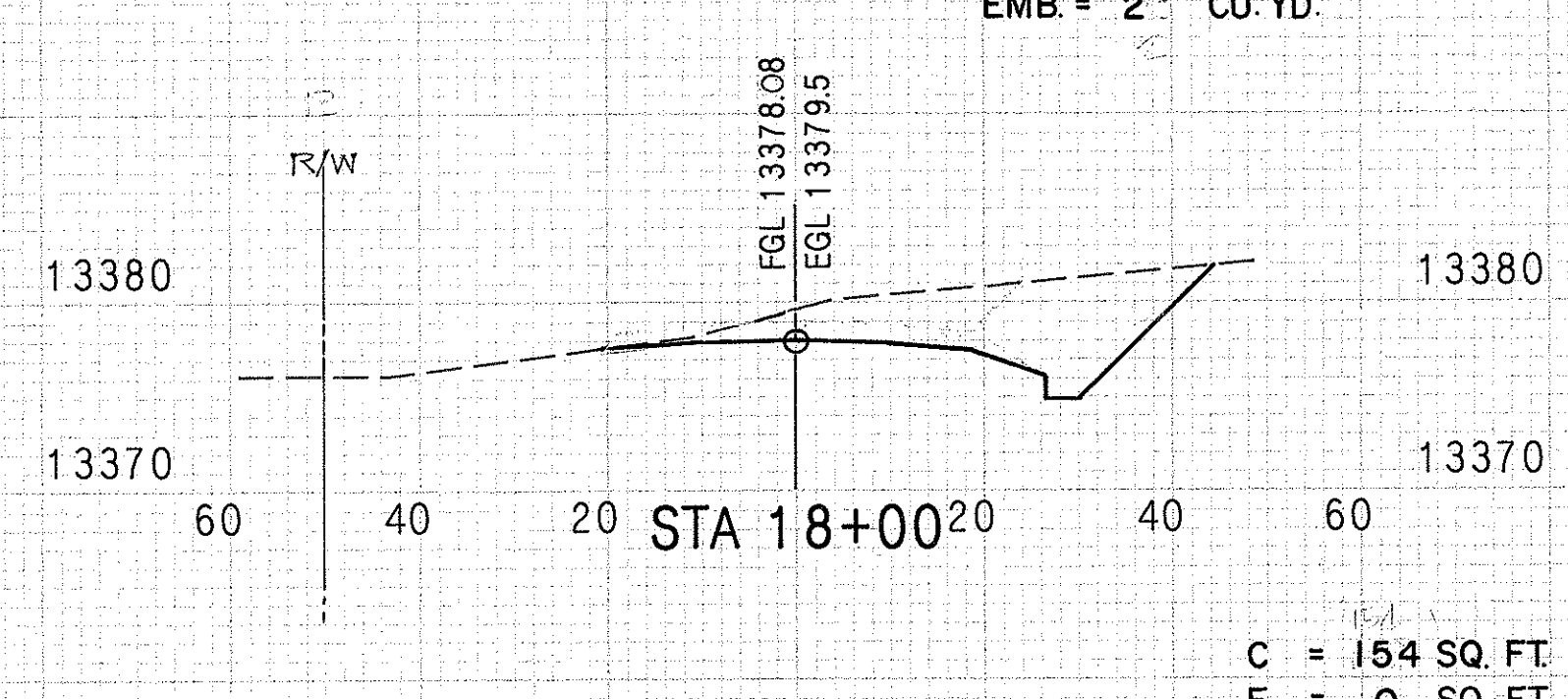
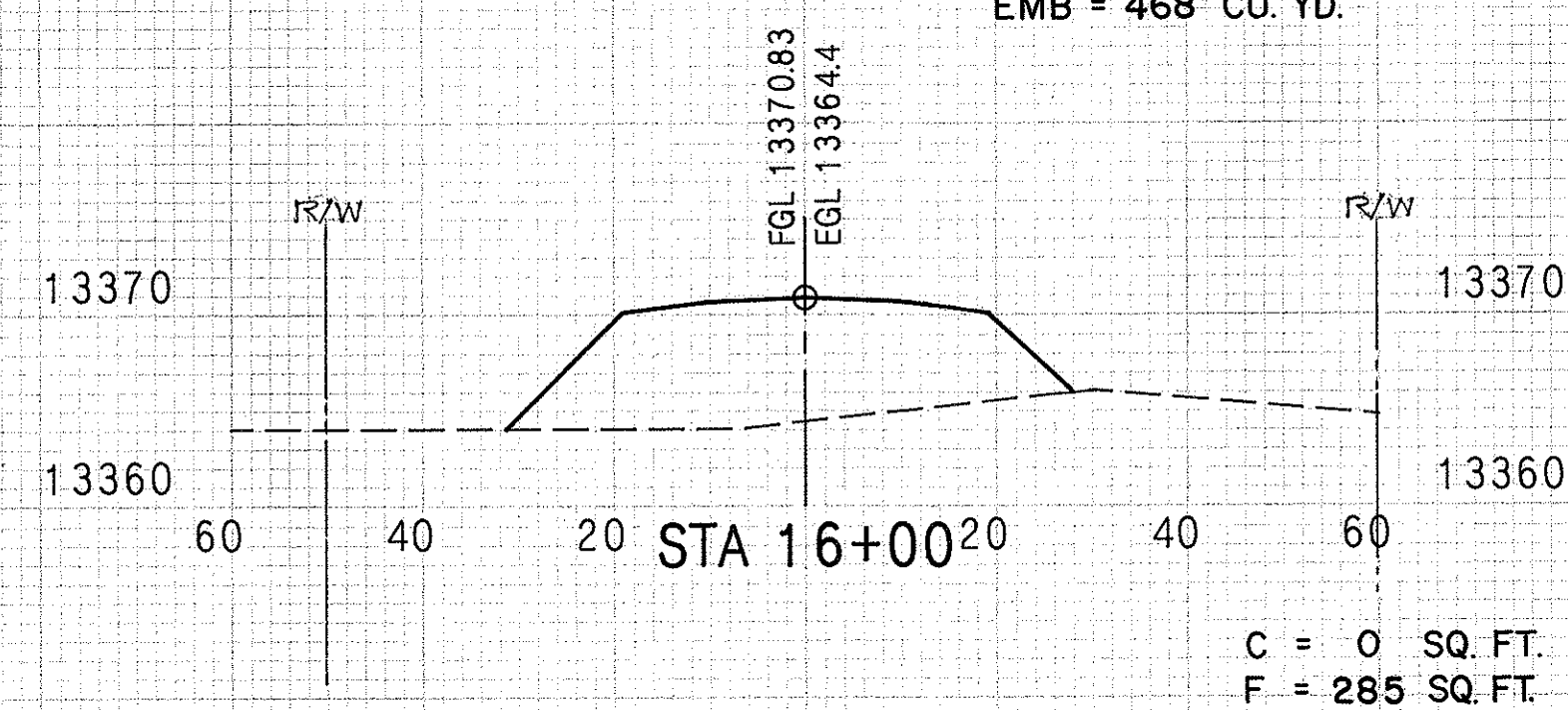
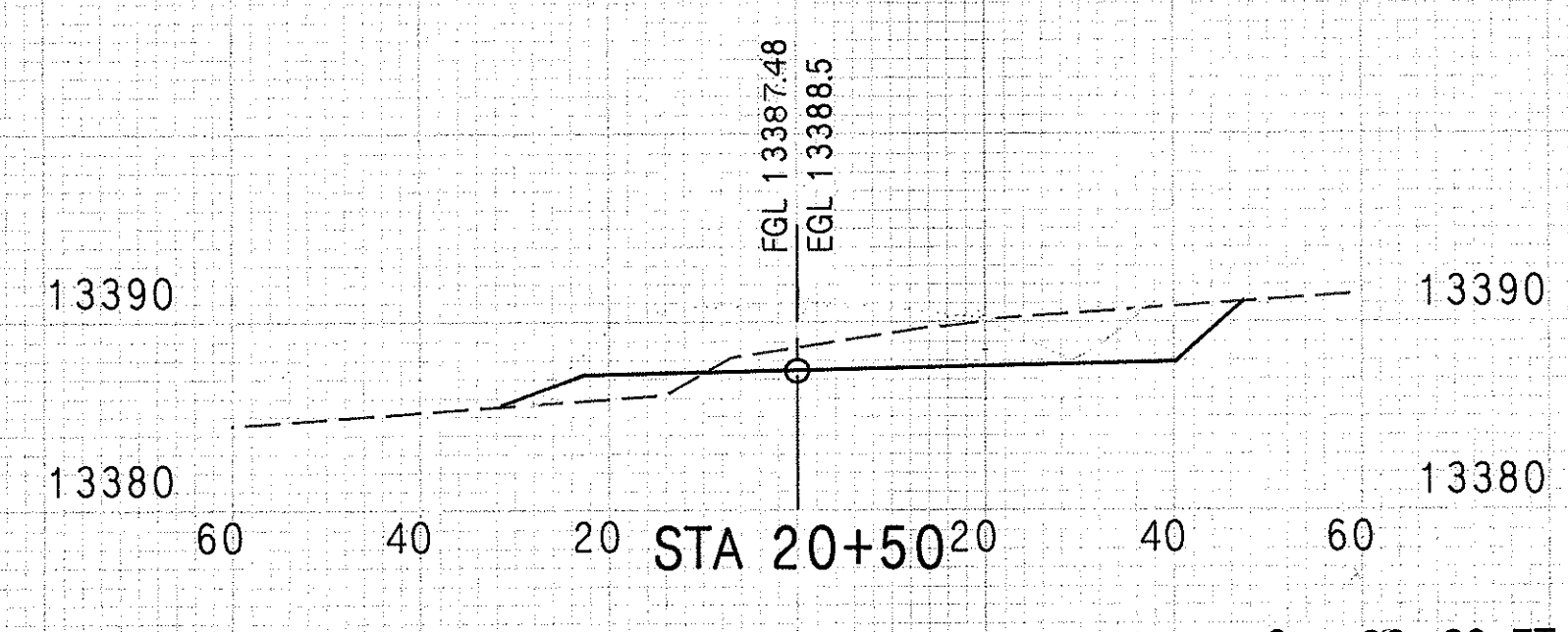
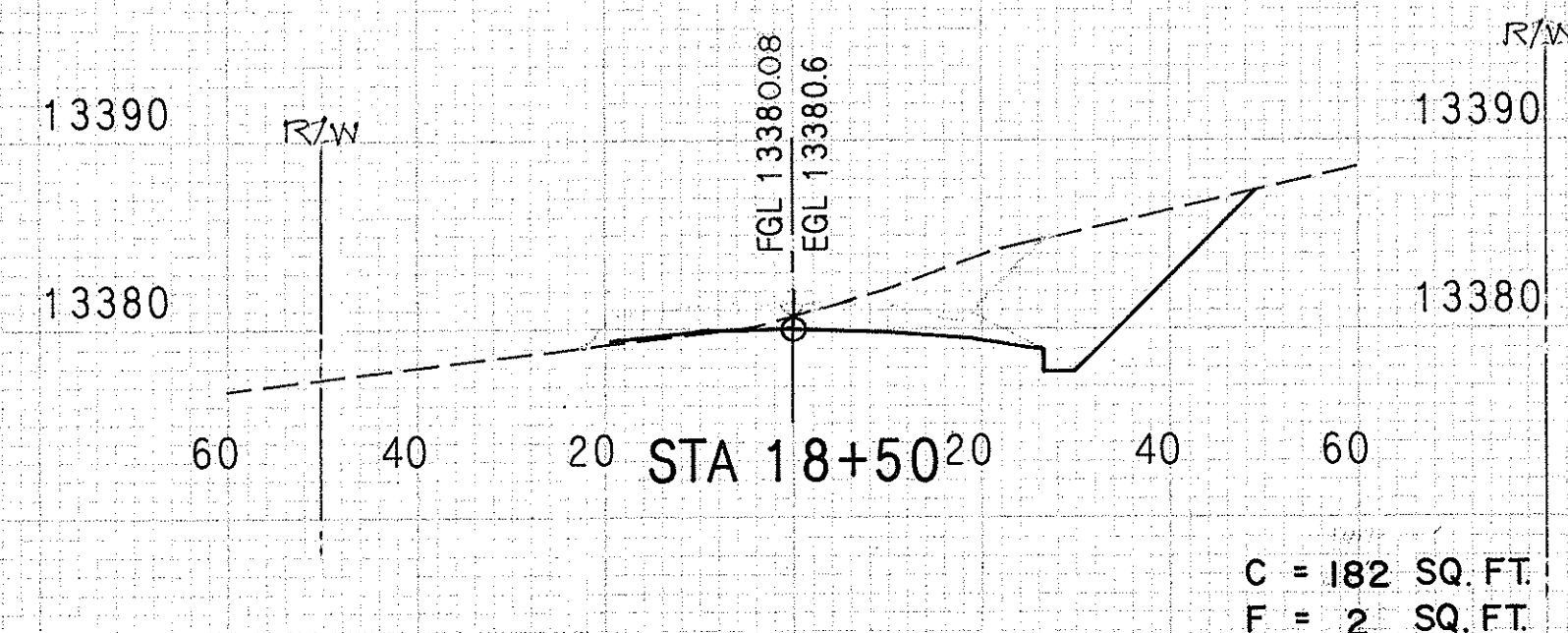
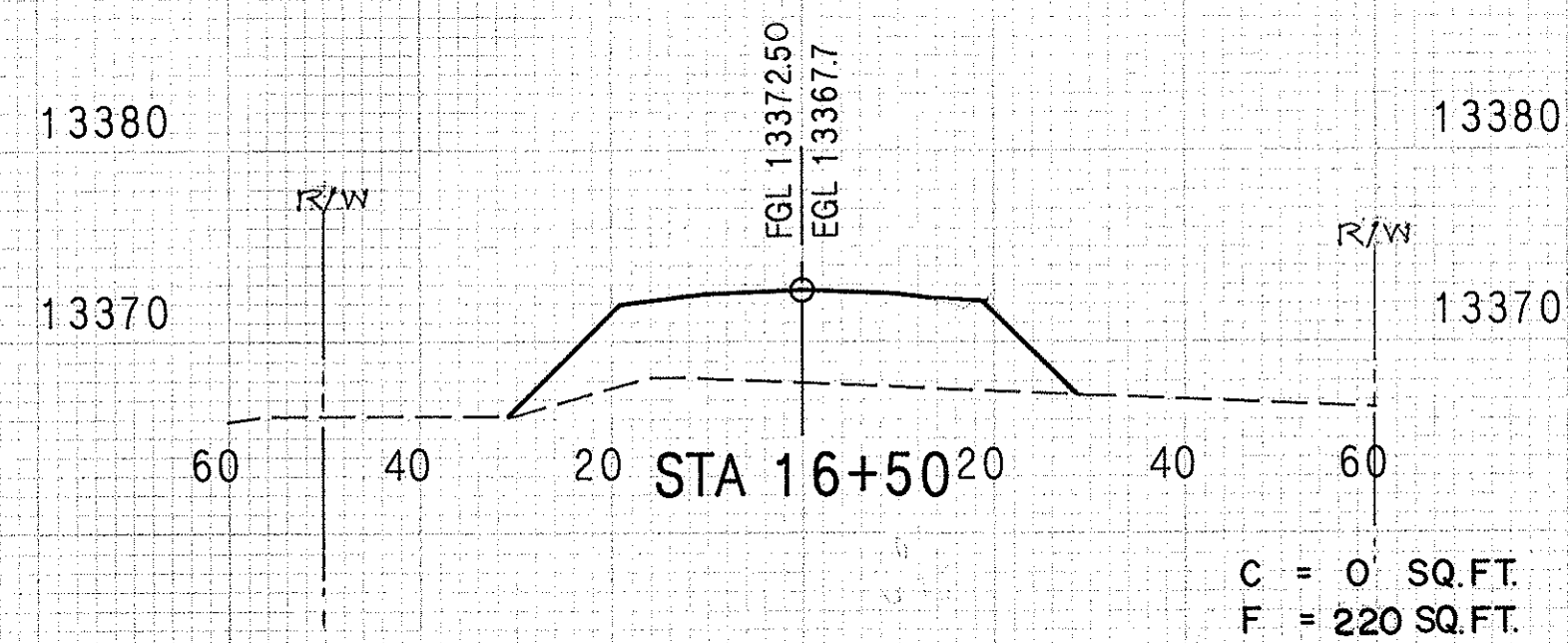
SHEET NO 17 OF 20 SHEETS

FED. ROAD DIST. NO	STATE	PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
HAWAII	HAW	HWY-H-01-86	1987	64	115



CROSS SECTIONS
SPUR 3
STA. 7+00 TO STA.14+50
SHEET NO 18 OF 20 SHEETS
64

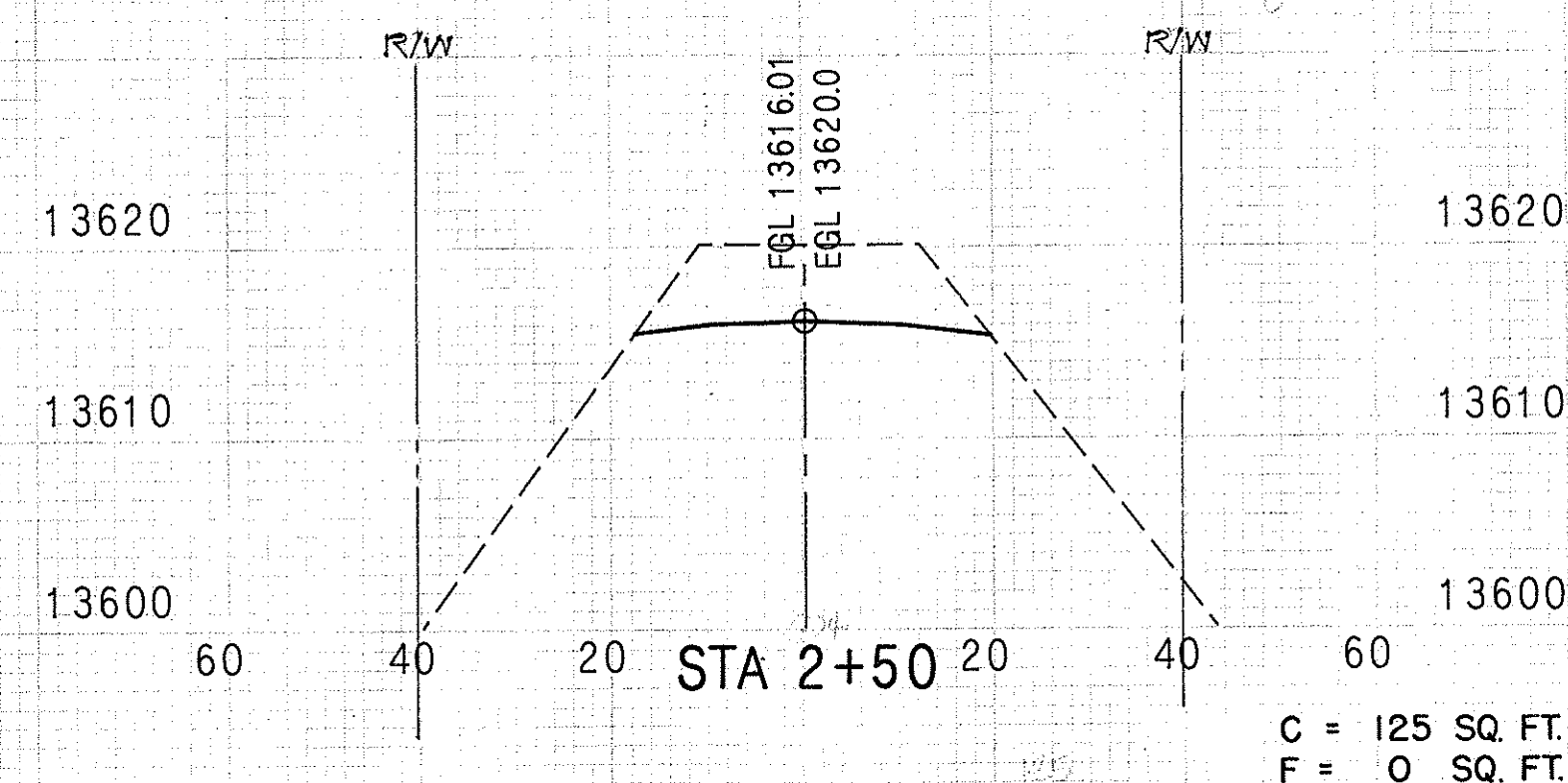
FED. ROAD DIST. NO.	STATE	PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
HAWAII	HAW.	HWY - H - 01 - 86	1987	65	115



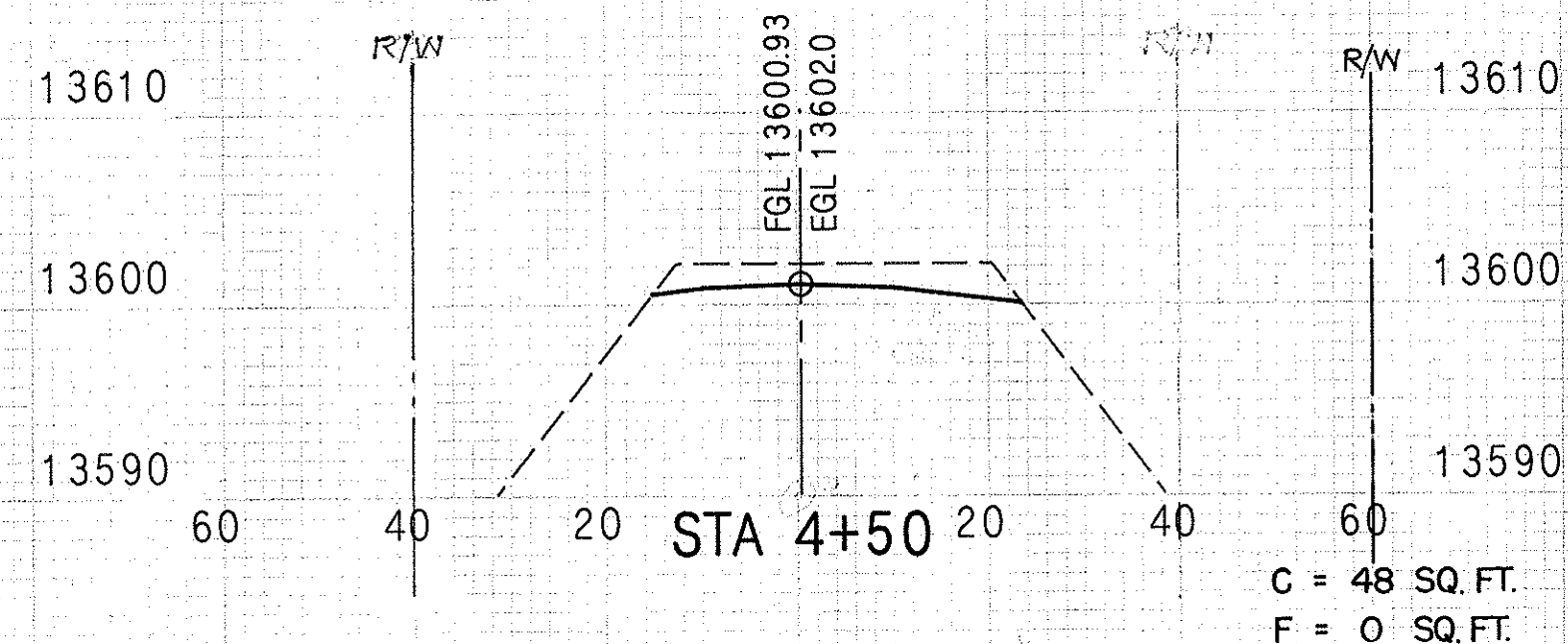
CROSS SECTIONS
SPUR 3
STA. 15+00 TO STA. 20+50

SHEET NO 19 OF 20 SHEETS

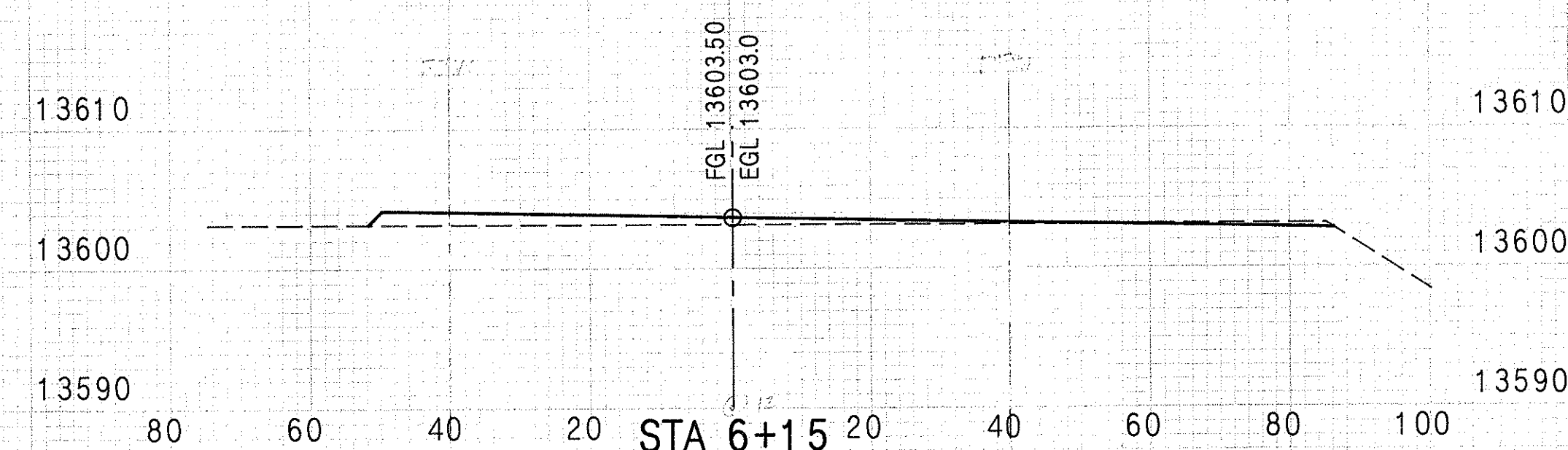
FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	HWY. - H - 01-86	1987	66	115



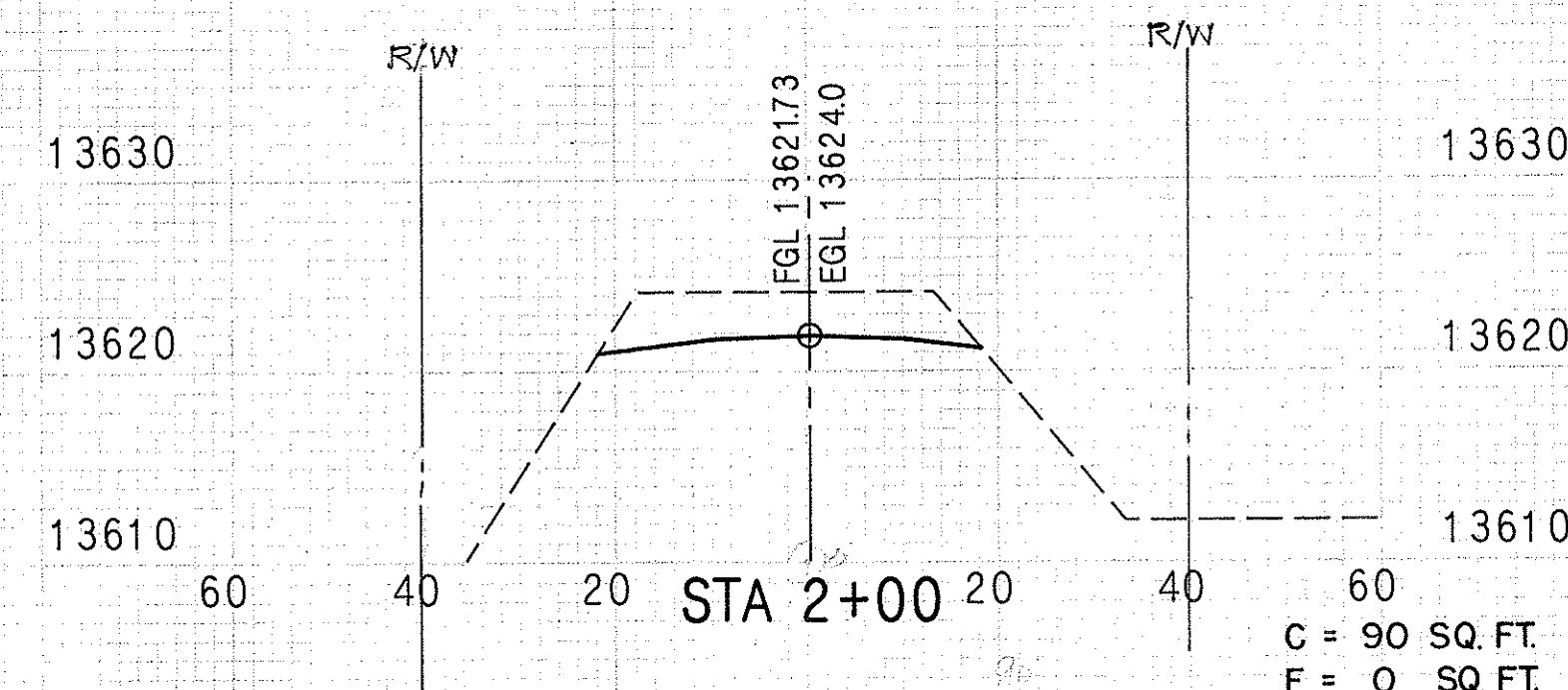
EXC. = 198 CU. YD.
EMB. = 0 CU. YD.



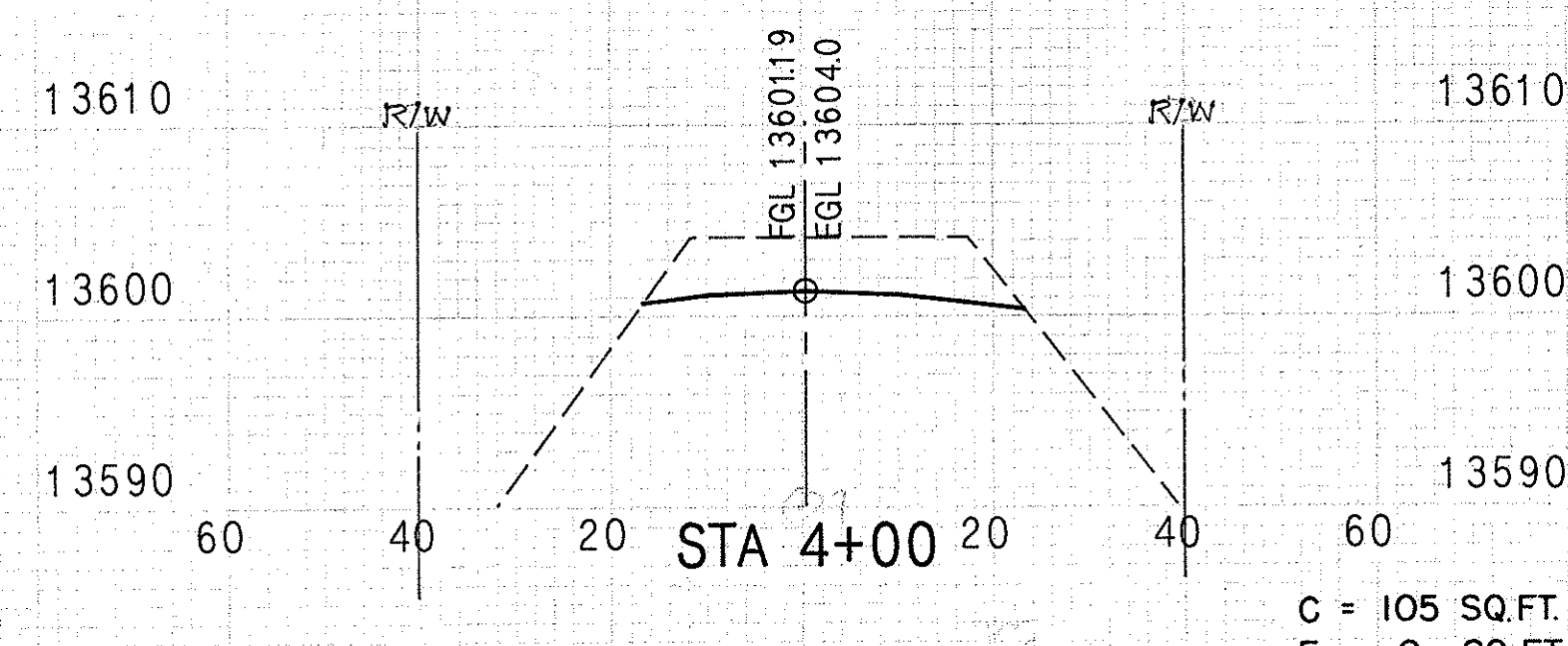
EXC. = 119 CU. YD.
EMB. = 0 CU. YD.



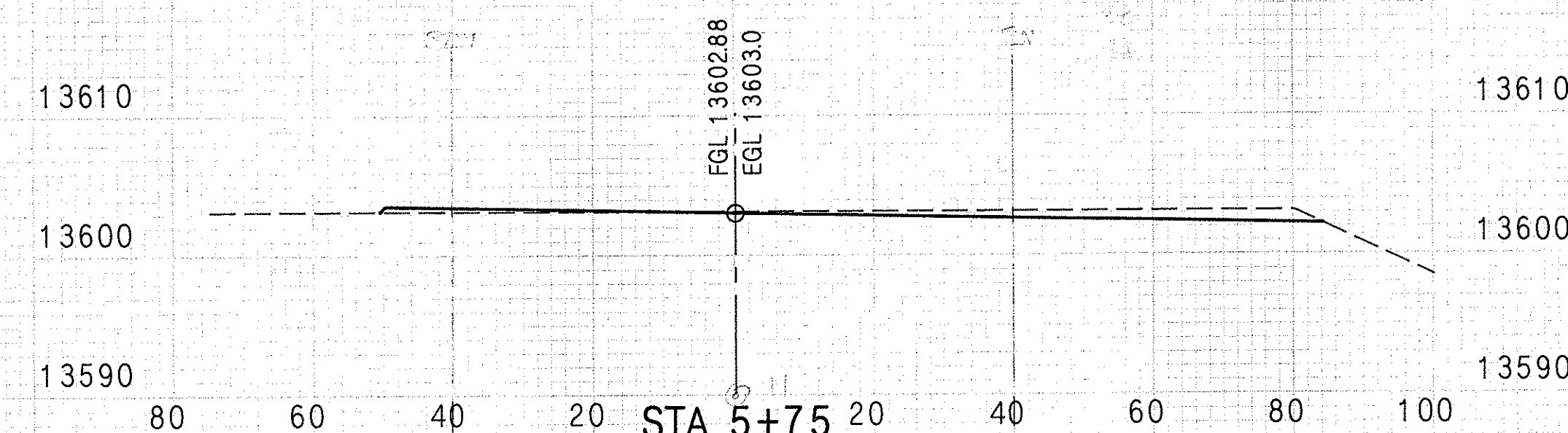
EXC. = 38 CU. YD.
EMB. = 44 CU. YD.



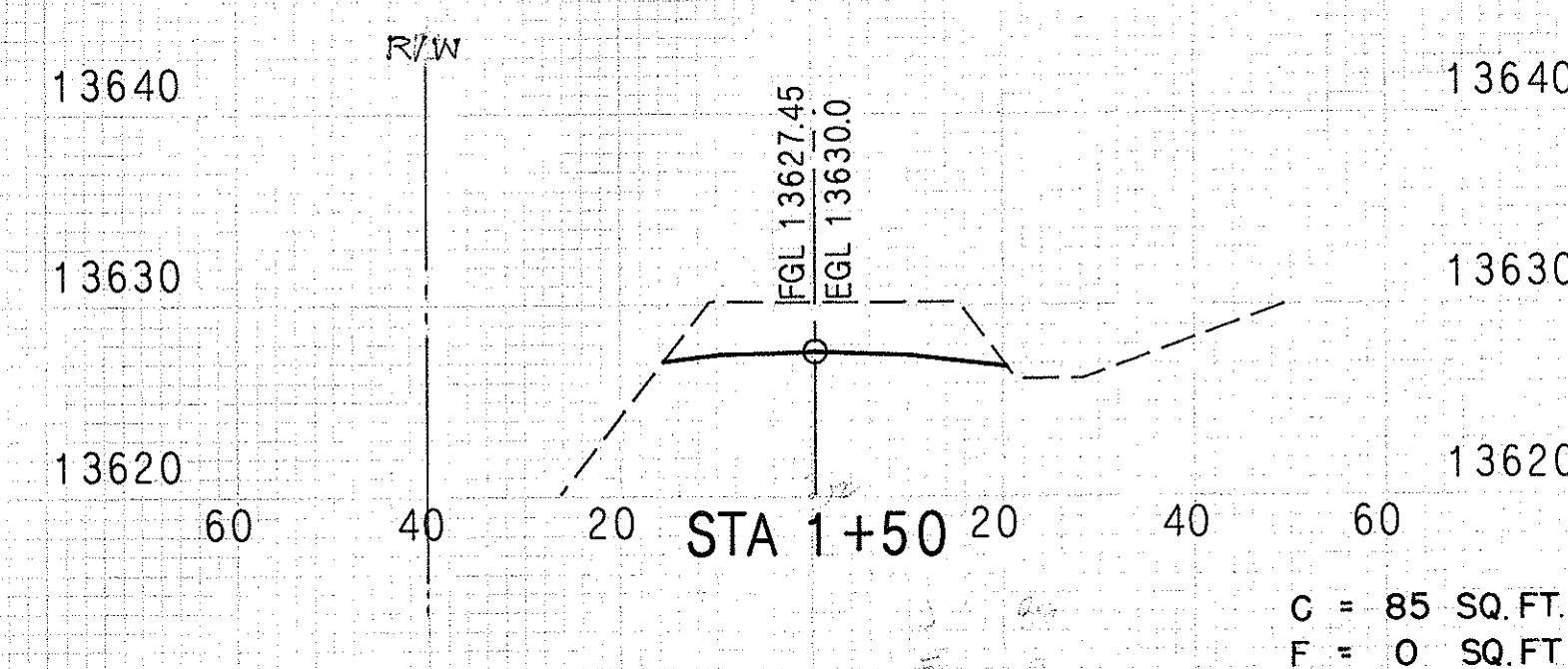
EXC. = 162 CU. YD.
EMB. = 0 CU. YD.



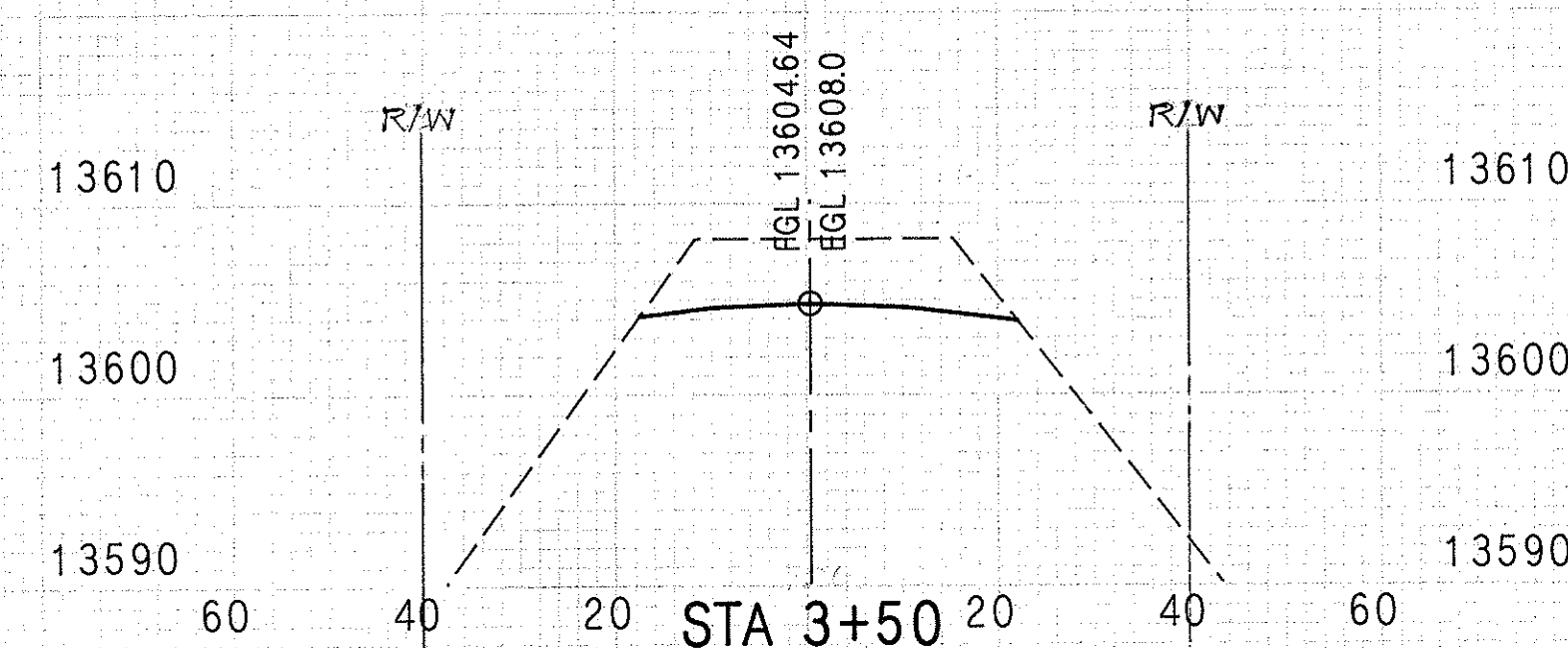
EXC. = 207 CU. YD.
EMB. = 0 CU. YD.



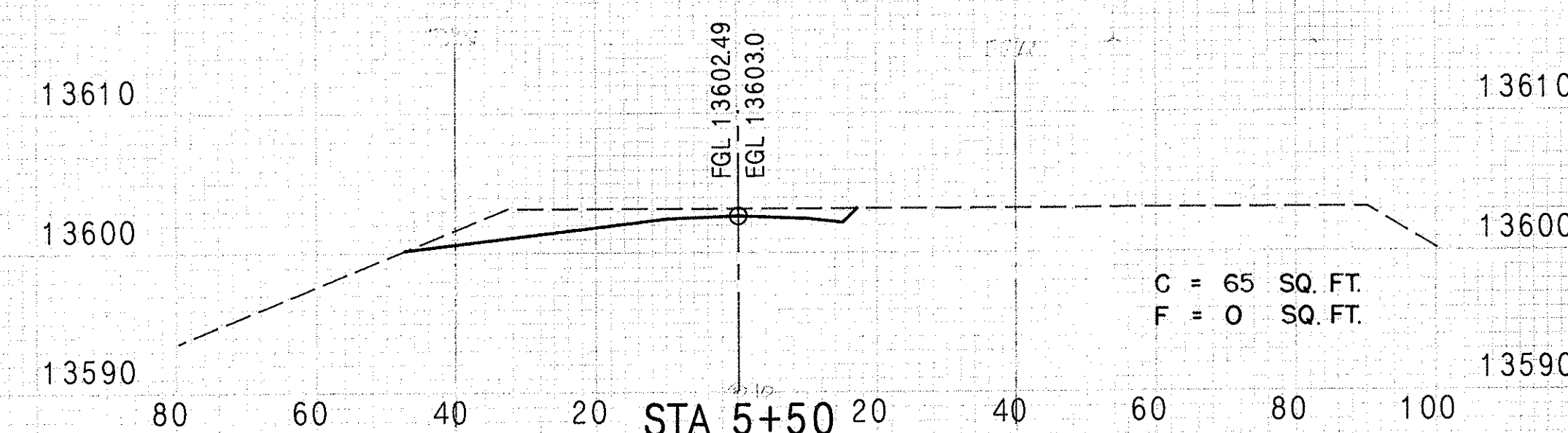
EXC. = 51 CU. YD.
EMB. = 8 CU. YD.



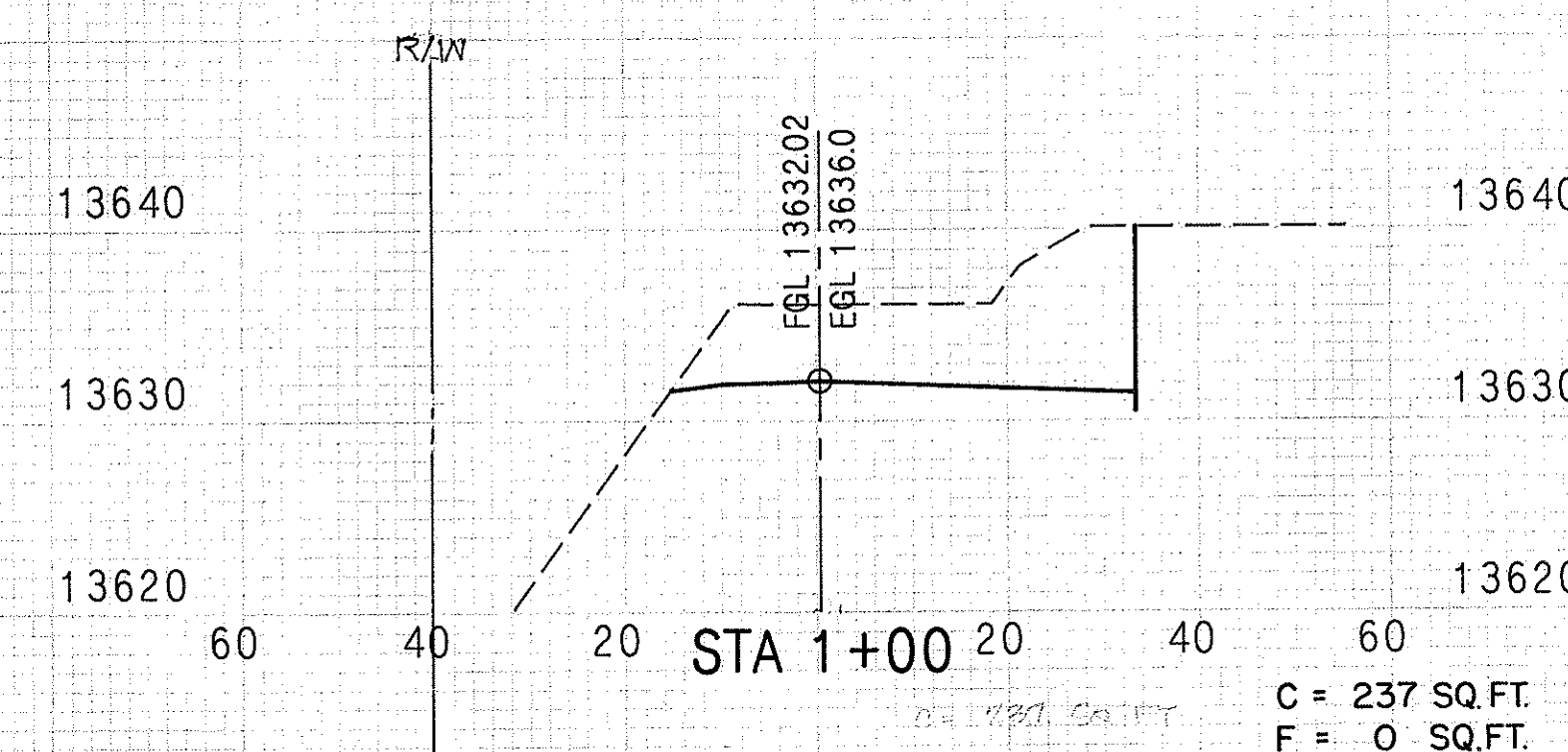
EXC. = 298 CU. YD.
EMB. = 0 CU. YD.



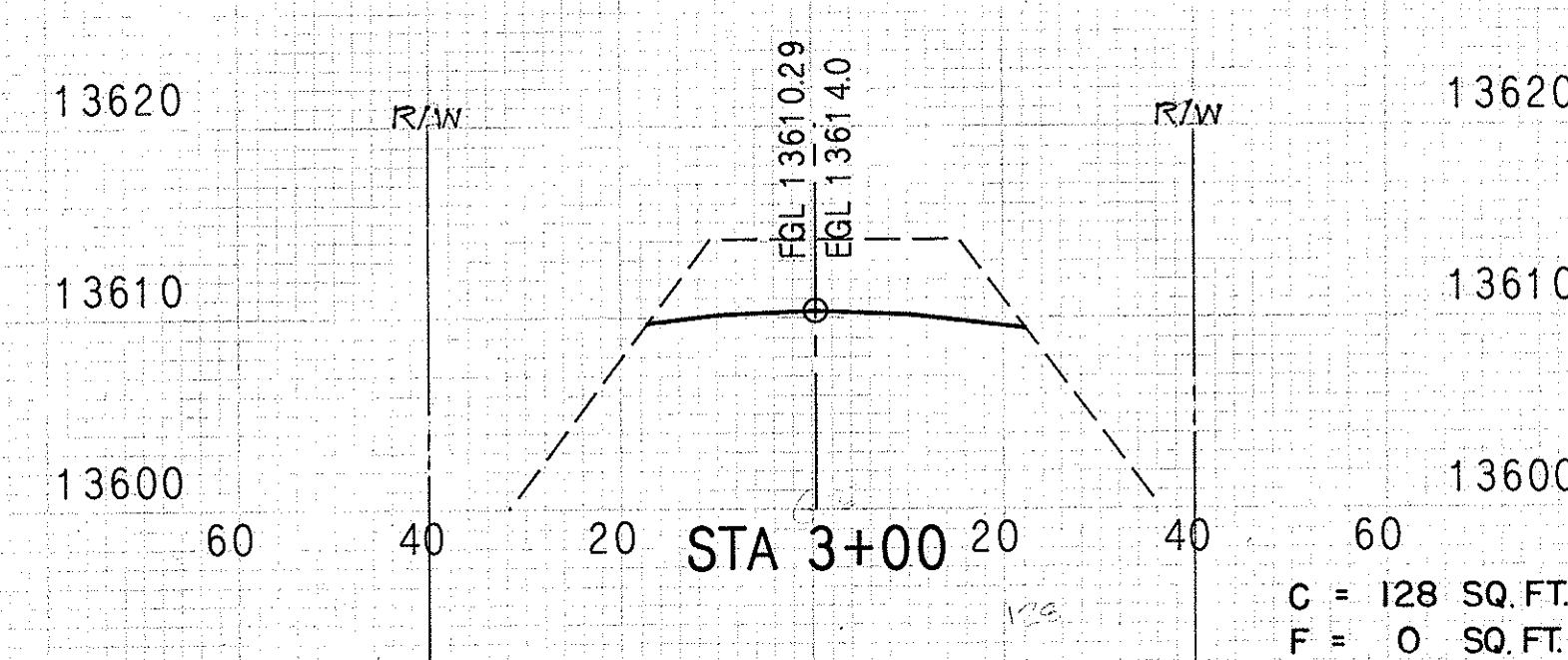
EXC. = 228 CU. YD.
EMB. = 0 CU. YD.



EXC. = 135 CU. YD.
EMB. = 0 CU. YD.



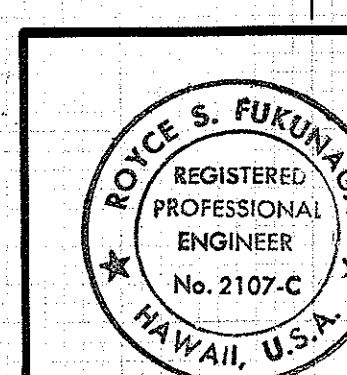
EXC. = 234 CU. YD.
EMB. = 0 CU. YD.



EXC. = 234 CU. YD.
EMB. = 0 CU. YD.



EXC. = 109 CU. YD.
EMB. = 0 CU. YD.



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
Royce S. Fukunaga
FUKUNAGA & ASSOCIATES

CROSS SECTIONS
SPUR 4 ROAD
STA. 1+00 TO STA. 6+15

SHEET NO. 20 OF 20 SHEETS