FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	S 831(1)	1988	16	26

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

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

-2+50 — Cut — Fill — Exc. — Emb.

-3+00 — Cut — Fill — Exc. — Emb.

-3+50 — Cut — Fill — Exc. — Emb.

-4+00 — Cut — Fill — Exc. — Emb.

-4+20 — Cut — Fill — Exc. — Emb.

-4+50 — Cut — Fill — Exc. — Emb.

-5+00 — Cut — Fill — Exc. — Emb.

-5+25 — Cut — Fill — Exc. — Emb.

-5+50 — Cut — Fill — Exc. — Emb.

-6+00 — Cut — Fill — Exc. — Emb.

2+00 — Cut 0, Fill 24 — Exc. 0, Emb. 45.4

1+50 — Cut 0, Fill 25 — Exc. 0, Emb. 68.5

1+00 — Cut 0, Fill 49 — Exc. 0, Emb. 75.9

0+50 — Cut 0, Fill 33 — Exc. 0, Emb. 40.7

0+00 — Cut 0, Fill 11 — Exc. 0, Emb. 10.2

-0+50 — Cut 0, Fill 0 — Exc. — Emb.

-1+00 — Cut 0, Fill 0 — Exc. — Emb.

-1+20 — Cut — Fill — Exc. — Emb.

-1+50 — Cut — Fill — Exc. — Emb.

-2+00 — Cut — Fill — Exc. — Emb.

7+00 — Cut 0, Fill 71 — Exc. 0, Emb. 110.2

6+50 — Cut 0, Fill 48 — Exc. 0, Emb. 100.9

6+00 — Cut 0, Fill 61 — Exc. 0, Emb. 97.2

5+50 — Cut 0, Fill 44 — Exc. 0, Emb. 59.3

5+00 — Cut 0, Fill 20 — Exc. 0, Emb. 27.8

4+50 — Cut 0, Fill 10 — Exc. 10.2, Emb. 10.2

4+00 — Cut 11, Fill 1 — Exc. 31.5, Emb. 0.9

3+50 — Cut 23, Fill 0 — Exc. 57.4, Emb. 0

3+00 — Cut 39, Fill 0 — Exc. 42.1, Emb. 0.9

2+50 — Cut 14, Fill 1 — Exc. 13.0, Emb. 23.2

12+00 — Cut 65, Fill 0 — Exc. 130.6, Emb. 0

11+50 — Cut 76, Fill 0 — Exc. 142.6, Emb. 0

11+00 — Cut 78, Fill 0 — Exc. 135.2, Emb. 0

10+50 — Cut 68, Fill 0 — Exc. 95.4, Emb. 0

10+00 — Cut 35, Fill 0 — Exc. 57.4, Emb. 0

9+50 — Cut 27, Fill 0 — Exc. 38.0, Emb. 1.9

9+00 — Cut 14, Fill 2 — Exc. 13.0, Emb. 17.6

8+50 — Cut 0, Fill 17 — Exc. 0, Emb. 57.4

8+00 — Cut 0, Fill 45 — Exc. 0, Emb. 108.3

7+50 — Cut 0, Fill 72 — Exc. 0, Emb. 132.4

10+50 — Cut 0, Fill 127 — Exc. 0, Emb. 142.6

10+00 — Cut 0, Fill 27 — Exc. 0.4, Emb. 10.7

15+80 — Cut 1, Fill 2 — Exc. 7.2, Emb. 2.2

15+50 — Cut 12, Fill 2 — Exc. 48.2, Emb. 1.9

15+00 — Cut 40, Fill 0 — Exc. 84.3, Emb. 0

14+50 — Cut 51, Fill 0 — Exc. 88.9, Emb. 0

14+00 — Cut 45, Fill 0 — Exc. 71.3, Emb. 2.8

13+50 — Cut 32, Fill 3 — Exc. 58.3, Emb 4.6

13+00 — Cut 31, Fill 2 — Exc. 71.3, Emb. 1.9

12+50 — Cut 46, Fill 0 — Exc. 102.8, Emb. 0

Original Ground

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

5615.16

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	S 231(1)	1058	17	86

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

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

21+50 — Cut 0 Fill 112
Exc. 0
Emb. 204.6

21+00 — Cut 0 Fill 109
Exc. 0
Emb. 220.4

20+50 — Cut 0 Fill 129
Exc. 0
Emb. 222.2

20+00 — Cut 0 Fill 111
Exc. 0
Emb. 177.8

19+50 — Cut 0 Fill 81
Exc. 0
Emb. 158.3

19+00 — Cut 0 Fill 90
Exc. 0
Emb. 191.7

18+50 — Cut 0 Fill 117
Exc. 0
Emb. 238.9

18+00 — Cut 0 Fill 141
Exc. 0
Emb. 288.9

17+50 — Cut 0 Fill 171
Exc. 0
Emb. 317.6

17+00 — Cut 0 Fill 172
Exc. 0
Emb. 276.9

26+50 — Cut 13 Fill 0
Exc. 38.9
Emb. 0

26+00 — Cut 29 Fill 0
Exc. 66.7
Emb. 0

25+50 — Cut 43 Fill 0
Exc. 80.6
Emb. 0

25+00 — Cut 44 Fill 0
Exc. 95.4
Emb. 0

24+50 — Cut 59 Fill 0
Exc. 82.4
Emb. 0

24+00 — Cut 30 Fill 0
Exc. 35.2
Emb. 0

23+50 — Cut 8 Fill 0
Exc. 7.4
Emb. 84.3

23+00 — Cut 0 Fill 91
Exc. 0
Emb. 162.0

22+50 — Cut 0 Fill 84
Exc. 0
Emb. 174.1

22+00 — Cut 0 Fill 104
Exc. 0
Emb. 200.0

31+50 — Cut 0 Fill 9
Exc. 9.3
Emb. 8.3

31+00 — Cut 10 Fill 0
Exc. 28.7
Emb. 0

30+50 — Cut 21 Fill 0
Exc. 49.1
Emb. 0

30+00 — Cut 32 Fill 0
Exc. 56.5
Emb. 0

29+50 — Cut 29 Fill 0
Exc. 59.3
Emb. 0

29+00 — Cut 35 Fill 0
Exc. 46.3
Emb. 0

28+50 — Cut 15 Fill 0
Exc. 13.9
Emb. 12.0

28+00 — Cut 0 Fill 13
Exc. 0
Emb. 29.6

27+50 — Cut 0 Fill 12
Exc. 0
Emb. 21.3

27+00 — Cut 0 Fill 4
Exc. 12.0
Emb. 3.7

30+50 — Cut 6 Fill 1
Exc. 9.3
Emb. 4.6

30+00 — Cut 4 Fill 4
Exc. 3.7
Emb. 20.4

35+50 — Cut 0 Fill 18
Exc. 0
Emb. 20.4

35+00 — Cut 0 Fill 4
Exc. 7.4
Emb. 3.7

34+50 — Cut 8 Fill 0
Exc. 13.0
Emb. 3.7

34+00 — Cut 6 Fill 4
Exc. 5.6
Emb. 13.0

33+50 — Cut 0 Fill 10
Exc. 0
Emb. 22.2

33+00 — Cut 0 Fill 14
Exc. 0
Emb. 24.1

32+50 — Cut 0 Fill 12
Exc. 0
Emb. 25.9

32+00 — Cut 0 Fill 16
Exc. 0
Emb. 23.2

40+50 — Cut 0 Fill 13
Exc. 0
Emb. 55.6

40+00 — Cut 0 Fill 47
Exc. 0
Emb. 113.9

39+50 — Cut 0 Fill 76
Exc. 0
Emb. 146.3

39+00 — Cut 0 Fill 82
Exc. 0
Emb. 121.3

38+50 — Cut 0 Fill 49
Exc. 0
Emb. 23.1

38+35 — Cut 0 Fill 34
Exc. 0
Emb. 25.9

38+00 — Cut 0 Fill 6
Exc. 6.5
Emb. 5.6

37+50 — Cut 7 Fill 0
Exc. 16.7
Emb. 0

37+00 — Cut 11 Fill 0
Exc. 15.7
Emb. 0.9

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

5615.17

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	S8311(1)1950	18	86	

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

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

44+00 — 411.48 — 411.24 ~~411.34~~ — Cut 17, Fill 1
Exc. 14.7, Emb. 0.3

43+85 — 411.38 — 410.94 ~~411.04~~ (Corrected 5-11-53; Original ground line Plotted off) — Cut 36, Fill 0
Exc. 42.8, Emb. 0

43+50 — 410.68 — 410.24 ~~410.34~~ — Cut 30, Fill 0
Exc. 40.7, Emb. 0

43+00 — 409.89 — 409.22 ~~409.32~~ — Cut 14, Fill 0
Exc. 25.0, Emb. 0

42+50 — 408.27 — 408.19 ~~408.29~~ — Cut 13, Fill 0
Exc. 14.8, Emb. 0.9

42+00 — 406.87 — 407.13 ~~407.23~~ — Cut 3, Fill 1
Exc. 3.7, Emb. 7.4

41+50 — 405.80 — 406.17 ~~406.17~~ — Cut 1, Fill 7
Exc. 1.9, Emb. 8.3

41+00 — 404.56 — 405.00 ~~405.10~~ — Cut 1, Fill 2
Exc. 0.6, Emb. 3.3

40+70 — 403.60 — 404.36 ~~404.46~~ — Cut 0, Fill 4
Exc. 0, Emb. 6.3

47+75 — 418.18 — 18.12 ~~18.22~~ — Cut 19, Fill 0
Exc. 9.3, Emb. 18.5

47+50 — 415.74 — 417.70 ~~417.80~~ — Cut 1, Fill 40
Exc. 2.2, Emb. 27.4

47+30 — 415.44 — 417.35 ~~417.45~~ — Cut 5, Fill 34
Exc. 23.3, Emb. 18.9

47+00 — 417.24 — 416.82 ~~416.92~~ — Cut 37, Fill 0
Exc. 54.6, Emb. 10.2

46+50 — 416.44 — 415.95 ~~416.05~~ — Cut 22, Fill 11
Exc. 63.9, Emb. 10.2

46+00 — 416.35 — 413.04 ~~415.14~~ — Cut 47, Fill 0
Exc. 55.6, Emb. 21.3

45+50 — 414.59 — 414.12 ~~414.22~~ — Cut 13, Fill 23
Exc. 21.3, Emb. 25.0

45+00 — 413.54 — 413.18 ~~413.28~~ — Cut 10, Fill 4
Exc. 18.5, Emb. 13.9

44+50 — 412.37 — 412.22 ~~412.32~~ — Cut 10, Fill 11
Exc. 25.0, Emb. 11.1

51+00 — 416.90 — 23.12 ~~23.32~~ — Cut 0, Fill 229
Exc. 0, Emb. 426.9

50+50 — 414.26 — 22.39 ~~22.59~~ — Cut 0, Fill 232
Exc. 0, Emb. 146.3

50+25 — 413.26 — 22.01 ~~22.21~~ — Cut 0, Fill 84
Exc. 0, Emb. 52.8

50+00 — 417.74 — 21.67 ~~21.84~~ — Cut 0, Fill 30
Exc. 0, Emb. 66.7

49+50 — 419.19 — 20.32 ~~21.07~~ — Cut 0, Fill 42
Exc. 0, Emb. 77.8

49+00 — 418.43 — 20.18 ~~20.28~~ — Cut 0, Fill 42
Exc. 0, Emb. 59.3

48+75 — 416.58 — 12.78 ~~19.88~~ — Cut 0, Fill 86
Exc. 0, Emb. 75.0

48+50 — 416.16 — 19.37 ~~19.47~~ — Cut 0, Fill 76
Exc. 0, Emb. 113.9

48+00 — 415.27 — 18.54 ~~18.64~~ — Cut 0, Fill 47
Exc. 8.8, Emb. 21.8

54+50 — 430.06 — 27.96 ~~28.16~~ — Cut 69, Fill 0
Exc. 96.3, Emb. 0.9

54+00 — 429.64 — 27.27 ~~27.47~~ — Cut 35, Fill 1
Exc. 44.4, Emb. 31.5

53+50 — 426.38 — 26.59 ~~26.79~~ — Cut 13, Fill 33
Exc. 6.0, Emb. 94.0

53+25 — 426.98 — 26.24 ~~26.44~~ (Corrected 5-11-53; Original ground line Plotted off) — Cut 0, Fill 170
Exc. 0, Emb. 117.1

53+00 — 426.48 — 25.90 ~~26.10~~ — Cut 0, Fill 83
Exc. 0, Emb. 93.3

52+80 — 419.21 — 25.63 ~~25.83~~ — Cut 0, Fill 169
Exc. 0, Emb. 181.7

52+50 — 420.05 — 25.22 ~~25.42~~ — Cut 0, Fill 158
Exc. 0, Emb. 341.7

52+00 — 419.86 — 24.53 ~~24.73~~ — Cut 0, Fill 211
Exc. 0, Emb. 461.1

51+50 — 414.45 — 23.84 ~~24.04~~ — Cut 0, Fill 287
Exc. 0, Emb. 477.8

59+50 — 432.60 — 34.46 — Cut 0, Fill 41
Exc. 0, Emb. 103.7

59+00 — 430.95 — 33.97 — Cut 0, Fill 71
Exc. 0, Emb. 185.2

58+50 — 428.95 — 33.44 — Cut 0, Fill 129
Exc. 0, Emb. 264.8

58+00 — 427.80 — 32.86 — Cut 0, Fill 157
Exc. 0, Emb. 276.9

57+50 — 427.31 — 32.85 — Cut 0, Fill 142
Exc. 0, Emb. 222.2

57+00 — 427.80 — 31.53 ~~31.58~~ — Cut 0, Fill 98
Exc. 0.9, Emb. 114.8

56+50 — 429.34 — 30.80 ~~30.90~~ — Cut 0, Fill 26
Exc. 13.9, Emb. 25.9

56+00 — 429.61 — 30.06 ~~30.61~~ — Cut 14, Fill 2
Exc. 42.6, Emb. 1.9

55+50 — 429.31 — 25.33 ~~29.53~~ — Cut 32, Fill 0
Exc. 79.6, Emb. 0

55+00 — 430.15 — 28.64 ~~28.84~~ — Cut 54, Fill 0
Exc. 113.9, Emb. 0

PLATE 2 - CROSS SECTION O. P. R. & R. E.
CURRENT PAPER COMPANY, S. F. Co.
No. 10201H-3

5615.18

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	S833(1)	1952	19	89

ORIGINAL SURVEY	SURVEYED
	PLOTTED
ROUTE 200(2)	TEMPLATE
	AREAS
NO.	AREAS CHECKED

DATE	BY

DATE	BY

436.25 — 436.86 — G4+00 — Cut 17, Fill 4
Exc. 14.4, Emb. 8.2

437.11 — 436.83 — G3+80 — Cut 22, Fill 18
Exc. 20.0, Emb. 10.4

437.11 — 436.78 — G3+50 — Cut 14, Fill 17
Exc. 35.2, Emb 22.2

437.42 — 436.64 — G3+00 — Cut 24, Fill 7
Exc. 73.2, Emb. 6.5

436.06 — 436.46 — G2+50 — Cut 55, Fill 0
Exc. 98.2, Emb. 0

437.87 — 436.83 — G2+00 — Cut 51, Fill 0
Exc. 105.6, Emb. 0

437.81 — 435.07 — G1+50 — Cut 63, Fill 0
Exc. 93.5, Emb. 0

436.69 — 435.75 — G1+00 — Cut 38, Fill 0
Exc. 35.2, Emb. 8.3

434.85 — 435.30 — G0+50 — Cut 0, Fill 9
Exc. 0, Emb. 36.1

433.56 — 434.00 — G0+00 — Cut 0, Fill 30
Exc. 0, Emb. 65.7

433.78 — 435.36 — G9+00 — Cut 0, Fill 31
Exc. 0, Emb. 75.9

433.78 — 435.71 — G8+50 — Cut 0, Fill 51
Exc. 0, Emb. 89.8

434.07 — 436.01 — G8+00 — Cut 0, Fill 46
Exc. 0, Emb. 81.5

434.77 — 436.28 — G7+50 — Cut 0, Fill 42
Exc. 0, Emb. 17.1

434.94 — 436.33 — G7+38 — Cut 0, Fill 35
Exc. 3.5, Emb 28.2

435.86 — 436.40 — G7+00 — Cut 5, Fill 5
Exc. 20.4, Emb. 4.6

436.67 — 436.67 — G6+50 — Cut 17, Fill 0
Exc. 31.5, Emb. 0

437.06 — 436.70 — G6+00 — Cut 17, Fill 0
Exc. 17.6, Emb. 3.7

436.70 — 436.88, 436.87 — G5+50 — Cut 2, Fill 4
Exc. 5.6, Emb. 8.3

436.72 — 436.01 — G5+00 — Cut 4, Fill 4
Exc. 6.5, Emb. 22.2

436.60 — 436.01 — G4+50 — Cut 3, Fill 20
Exc. 18.5, Emb. 22.2

431.39 — 431.66 — 74+00 — Cut 5, Fill 10
Exc. 4.6, Emb. 25.0

431.55 — 432.03 — 73+50 — Cut 0, Fill 17
Exc. 7.4, Emb. 20.4

432.20 — 432.40 — 73+00 — Cut 8, Fill 5
Exc. 13.9, Emb. 8.3

432.55 — 432.77 — 72+50 — Cut 7, Fill 4
Exc. 21.3, Emb. 3.7

433.24 — 433.14 — 72+00 — Cut 16, Fill 0
Exc. 15.7, Emb. 9.3

433.00 — 438.51 — 71+50 — Cut 1, Fill 10
Exc. 2.8, Emb. 13.0

433.52 — 433.88 — 71+00 — Cut 2, Fill 4
Exc. 1.9, Emb. 9.3

433.63 — 434.25 — 70+50 — Cut 0, Fill 6
Exc. 0, Emb. 20.4

433.67 — 434.62 — 70+00 — Cut 0, Fill 16
Exc. 0, Emb. 41.7

433.73 — 434.00 — 69+50 — Cut 0, Fill 29
Exc. 0, Emb. 55.6

431.89 — 31.10 — 79+00 — Cut 18, Fill 3
Exc. 45.4, Emb. 2.8

431.68 — 30.91 — 78+50 — Cut 31, Fill 0
Exc. 35.2, Emb. 5.6

430.73 — 30.68 — 78+00 — Cut 7, Fill 6
Exc. 6.5, Emb. 19.4

429.96 — 30.52 — 77+50 — Cut 0, Fill 15
Exc. 0, Emb. 35.2

429.63 — 30.45 — 77+00 — Cut 0, Fill 23
Exc. 0, Emb. 46.3

429.59 — 30.46 — 76+50 — Cut 0, Fill 27
Exc. 0.9, Emb. 33.3

430.04 — 30.54 — 76+00 — Cut 1, Fill 9
Exc. 5.6, Emb. 12.0

430.61 — 30.71 — 75+50 — Cut 5, Fill 4
Exc. 16.7, Emb. 4.6

430.86 — 30.96 — 75+00 — Cut 13, Fill 1
Exc. 25.0, Emb. 9.3

431.28 — 31.20 — 74+50 — Cut 14, Fill 9
Exc. 17.6, Emb. 17.6

433.14 — 33.04 — 84+00 — Cut 0, Fill 16
Exc. 0, Emb. 24.1

432.52 — 33.66 — corrected 5-11-52 — 83+50 — Cut 0, Fill 10
Exc. 0, Emb. 23.2

432.10 — 33.30 — 83+00 — Cut 0, Fill 15
Exc. 0, Emb. 66.7

431.30 — 33.11 — 82+50 — Cut 0, Fill 57
Exc. 0, Emb. 80.6

431.29 — 32.84 — 82+00 — Cut 0, Fill 30
Exc. 0, Emb. 53.7

430.90 — 32.56 — 81+50 — Cut 0, Fill 28
Exc. 0, Emb. 64.8

430.50 — 32.29 — 81+00 — Cut 0, Fill 42
Exc. 0, Emb. 80.6

430.23 — 32.01 — 80+50 — Cut 0, Fill 45
Exc. 0, Emb. 69.4

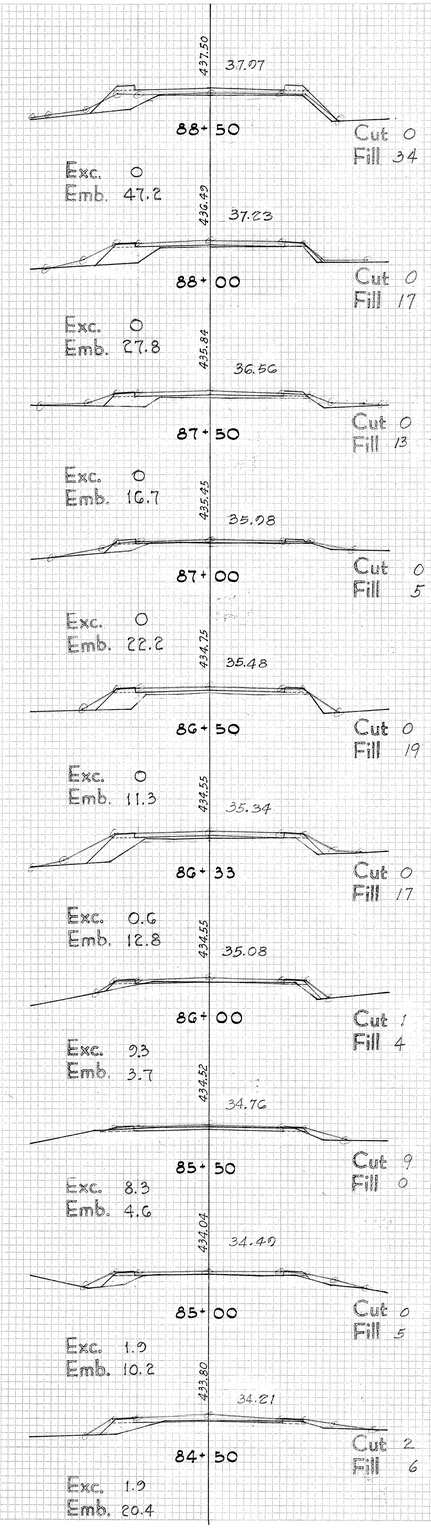
430.54 — 31.74 — 80+00 — Cut 0, Fill 30
Exc. 7.4, Emb. 33.3

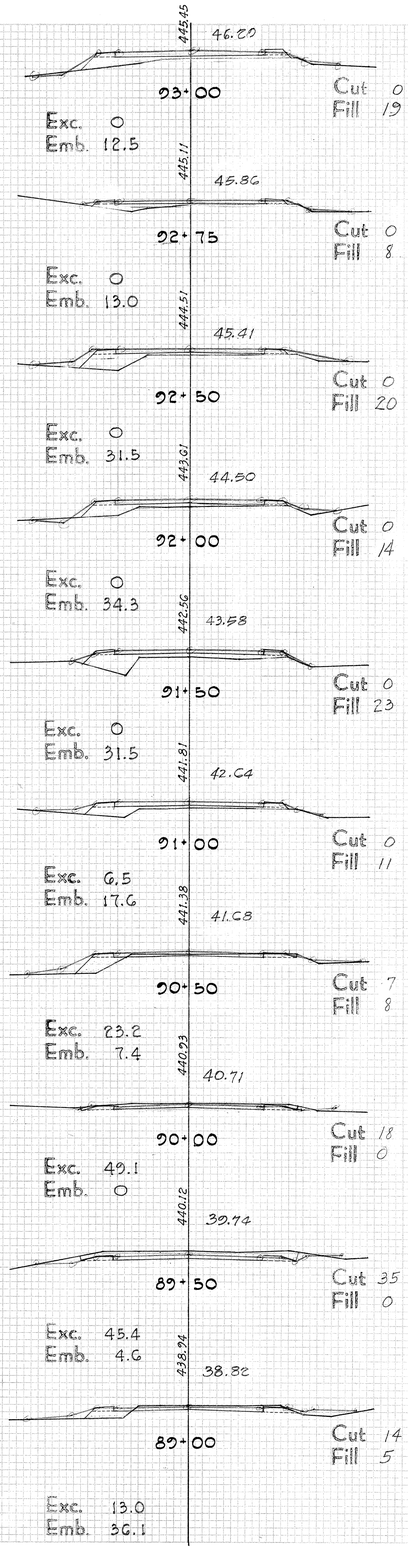
431.41 — 31.46 — 79+50 — Cut 8, Fill 6
Exc. 24.1, Emb. 8.3

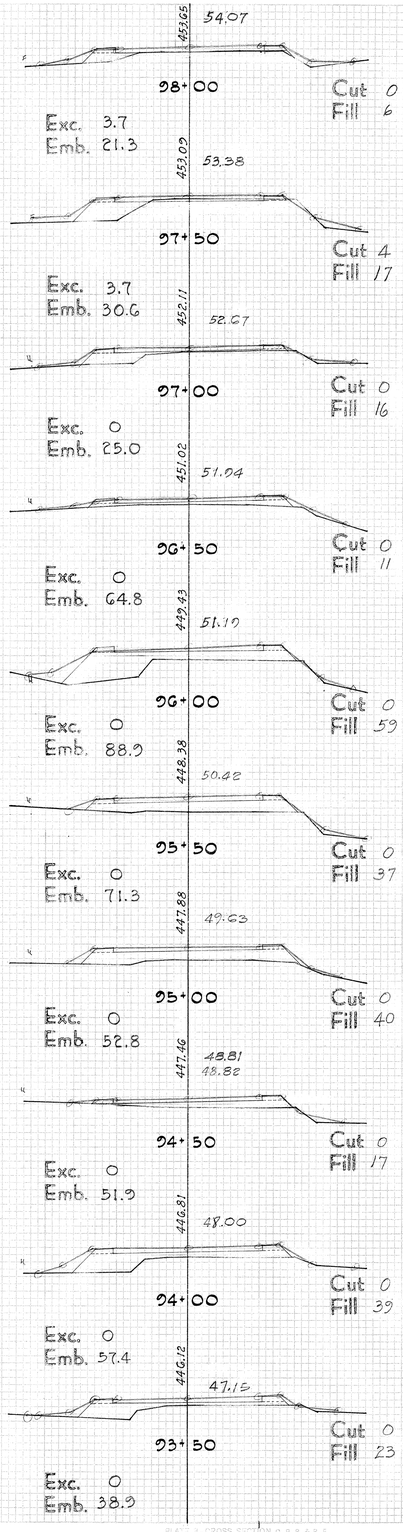
PLATE 3 - CROSS SECTION G. P. R. & R. C.
BLUEPRINT PAPER COMPANY, S. F. CAL.
No. 1000H-3

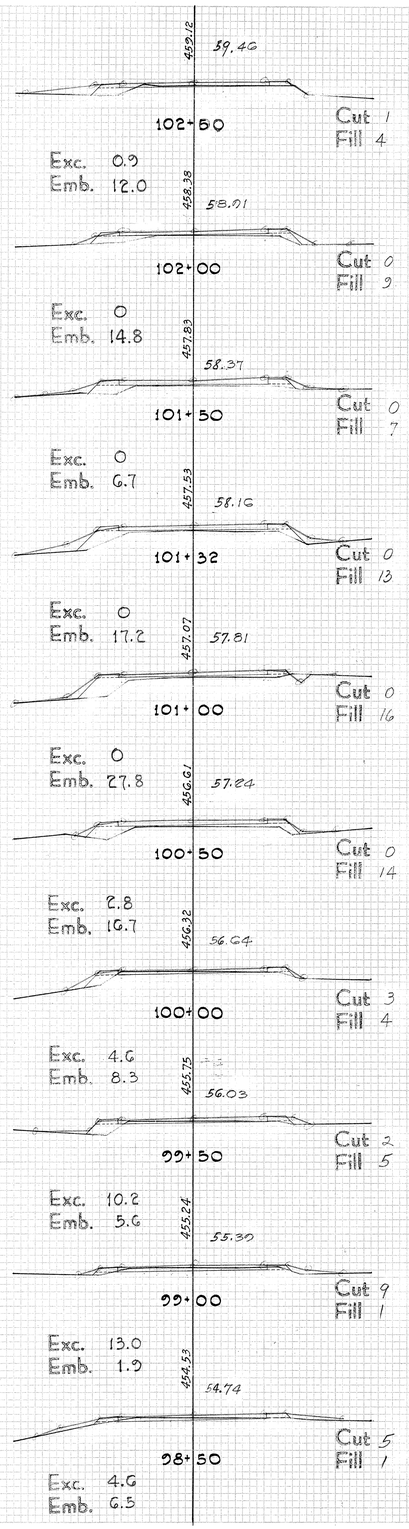
5615.19

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	S2311(1)	1952	20	26









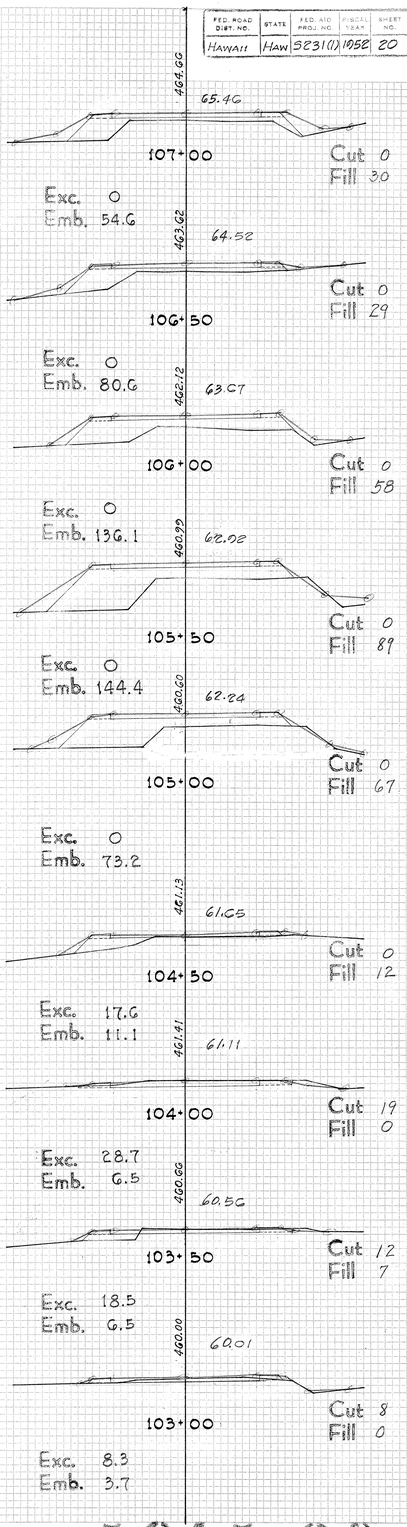


PLATE 3 - CROSS SECTION O. P. R. & R. E.
CLEARPRINT PAPER COMPANY, S. F. CAL.
No. 1100M-3

5615.20

As Built & Change

Revised ℄ Sta. 100+78.52 to P.T. Sta. 120+51.21 to Sta. 121+55.84

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWS 891(1)	1052	21	26	

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

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

BY / DATE

107+50 — Cut 0, Fill 29; Exc. 0, Emb. 54.6; 466.47

108+00 — Cut 1, Fill 6; Exc. 0.9, Emb. 32.4; 467.57 / 466.78

108+50 — Cut 17, Fill 0; Exc. 16.7, Emb. 5.6; 468.76 / 467.17

109+00 — Cut 33, Fill 1; Exc. 46.3, Emb. 0.9; 469.93 / 470.92

109+50 — Cut 60, Fill 0; Exc. 86.1, Emb. 0.9; 70.00 / 472.93

110+00 — Cut 85, Fill 0; Exc. 134.3, Emb. 0; 71.20 / 474.31

110+50 — Cut 61, Fill 0; Exc. 135.2, Emb. 0; 72.41 / 72.96 / 475.05

111+00 — Cut 31, Fill 0; Exc. 85.2, Emb. 0; 73.58 / 73.48 / 476.30

111+50 — Cut 51, Fill 0; Exc. 75.9, Emb. 0; 74.00 / 74.56 / 477.03

113+00 — Cut 49, Fill 0; Exc. 100.9, Emb. 0; 77.03 / 77.53 / 479.20

113+50 — Cut 22, Fill 0; Exc. 65.7, Emb. 0; 78.35 / 78.43 / 479.73

114+00 — Cut 29, Fill 0; Exc. 47.2, Emb. 0; 79.34 / 79.69 / 479.77

114+50 — Cut 14, Fill 10; Exc. 39.8, Emb. 9.3; 80.10 / 480.45

115+00 — Cut 0, Fill 55; Exc. 13.0, Emb. 60.2; 80.82 / 80.87 / 480.72

115+50 — Cut 0, Fill 75; Exc. 0, Emb. 120.4; 81.50 / 81.60 / 480.38

116+00 — Cut 0, Fill 34; Exc. 0, Emb. 100.9; 82.18 / 82.28 / 480.85

116+50 — Cut 0, Fill 34; 82.82 / 82.92 / 481.57

117+00 — Cut 0, Fill 33; Exc. 0, Emb. 98.2; 85.56 / 85.66 / 484.34

117+50 — Cut 0, Fill 27; Exc. 1.9, Emb. 38.0; 83.07 / 84.07 / 483.46

118+00 — Cut 0, Fill 33; Exc. 0, Emb. 55.6; 84.50 / 84.60 / 483.74

118+50 — Cut 0, Fill 59; Exc. 0, Emb. 85.2; 85.03 / 85.13 / 483.75

119+00 — Cut 2, Fill 14; Exc. 1.9, Emb. 43.5; 83.42 / 83.52 / 482.79

119+50 — Cut 0, Fill 47; Exc. 0, Emb. 98.2; 85.56 / 85.66 / 484.34

120+00 — Cut 7, Fill 6; Exc. 8.3, Emb. 28.7; 86.02 / 486.78 / 485.92

120+50 — Cut 20, Fill 3; Exc. 25.0, Emb. 8.3; 87.15 / 87.65 / 486.22

121+00 — Cut 34, Fill 0; Exc. 50.0, Emb. 2.8; 87.68 / 87.78 / 487.39

121+50 — Cut 61, Fill 0; Exc. 88.0, Emb. 0; 88.21 / 88.31 / 489.05

122+00 — Cut 44, Fill 0; Exc. 97.2, Emb. 0; 88.74 / 88.84 / 489.25

122+50 — Cut 34, Fill 0; Exc. 72.2, Emb. 0; 80.27 / 89.37 / 490.24

123+00 — Cut 20, Fill 0; Exc. 50.0, Emb. 0; 80.80 / 90.90 / 490.46

123+50 — Cut 2, Fill 1; Exc. 20.4, Emb. 0.9; 90.35 / 90.43 / 490.70

124+00 — Cut 2, Fill 1; Exc. 12.0, Emb. 0.9; 90.86 / 90.96 / 490.61

124+50 — Cut 11, Fill 0; Exc. 18.5, Emb. 0; 91.50 / 91.45 / 491.26

125+00 — Cut 1, Fill 2; Exc. 9.3, Emb. 1.9; 91.08 / 92.08 / 491.80

125+50 — Cut 0, Fill 11; Exc. 0.9, Emb. 12.0; 92.45 / 92.55 / 491.97

126+00 — Cut 0, Fill 15; Exc. 0, Emb. 28.7; 94.04 / 94.14 / 493.06

126+50 — Cut 0, Fill 16; Exc. 0, Emb. 28.7; 93.51 / 93.61 / 492.62

127+00 — Cut 0, Fill 16; Exc. 0, Emb. 28.7; 94.57 / 94.67 / 493.81

127+50 — Cut 0, Fill 16; Exc. 0, Emb. 25.0; 92.08 / 93.08 / 492.24

128+00 — Cut 11, Fill 12; Exc. 11.1, Emb. 25.0; 96.50 / 96.59 / 496.21

128+50 — Cut 2, Fill 20; Exc. 2.8, Emb. 38.4; 96.14 / 96.24 / 495.37

129+00 — Cut 1, Fill 15; Exc. 2.8, Emb. 32.4; 95.63 / 95.73 / 494.91

129+50 — Cut 11, Fill 12; Exc. 11.1, Emb. 25.0; 97.00 / 97.10 / 496.81

130+00 — Cut 16, Fill 6; Exc. 25.0, Emb. 10.2; 97.36 / 97.46 / 497.65

130+50 — Cut 11, Fill 5; Exc. 30.6, Emb. 11.1; 97.67 / 97.77 / 498.10

131+00 — Cut 22, Fill 7; Exc. 39.8, Emb. 12.0; 97.08 / 98.08 / 498.43

131+50 — Cut 21, Fill 6; Exc. 39.8, Emb. 12.0; 98.20 / 98.25 / 498.38

PLATE 3 CROSS SECTION O. P. R. & R. E.
BLUEPRINT PAPER COMPANY, S. F. CAL.
No. 1000H-3

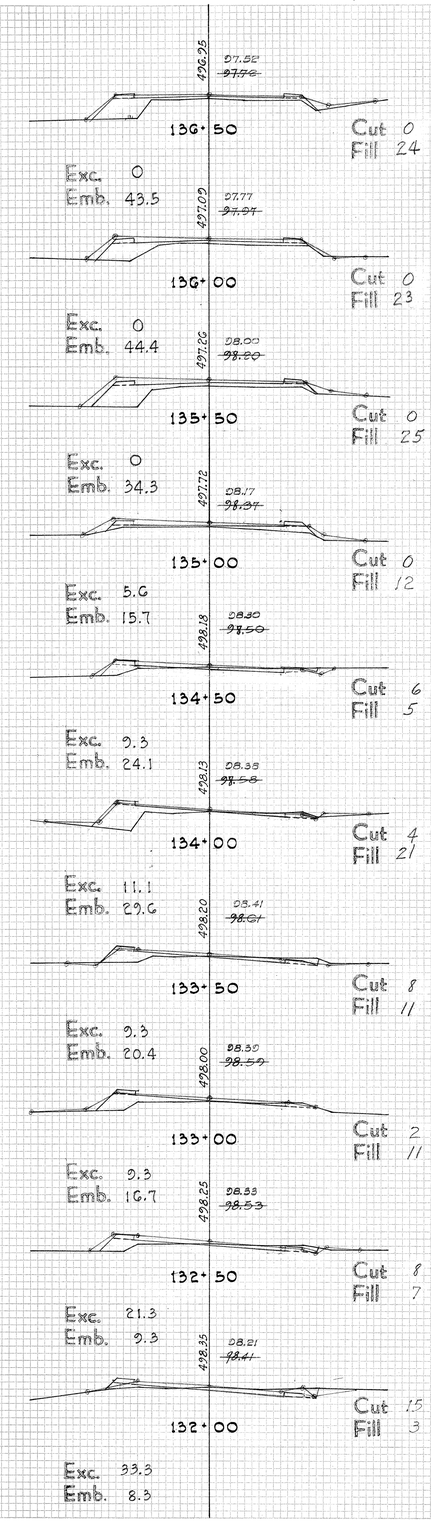
5615.21

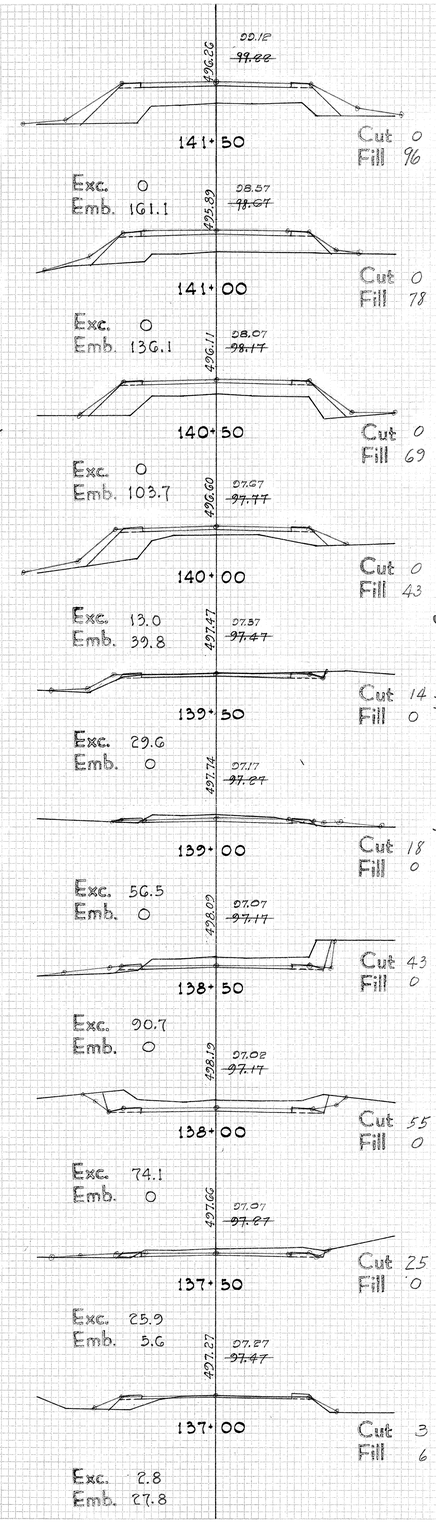
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	S 831 (11)	1958	22	26

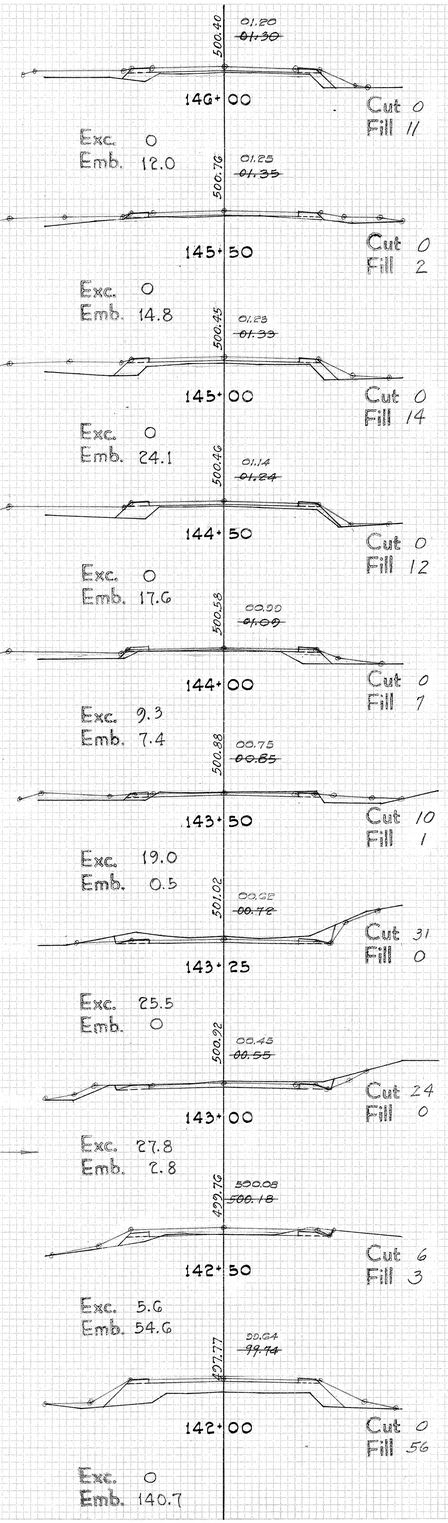
LOADOMETER WEIGHING STATION
Sta. 142+80 to Sta. 146+70 Left

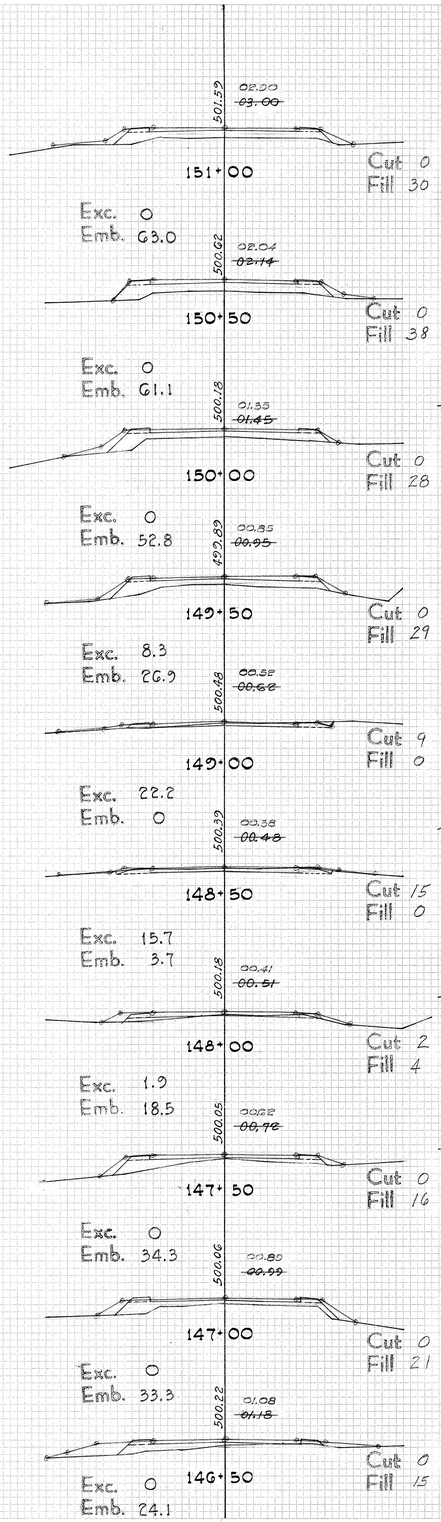
	DATE
	BY
ORIGINAL SURVEY	SURVEYED
	PLOTTED
POPE BOOK	TEMPLATE
	AREAS
NO.	AREAS CHECKED

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









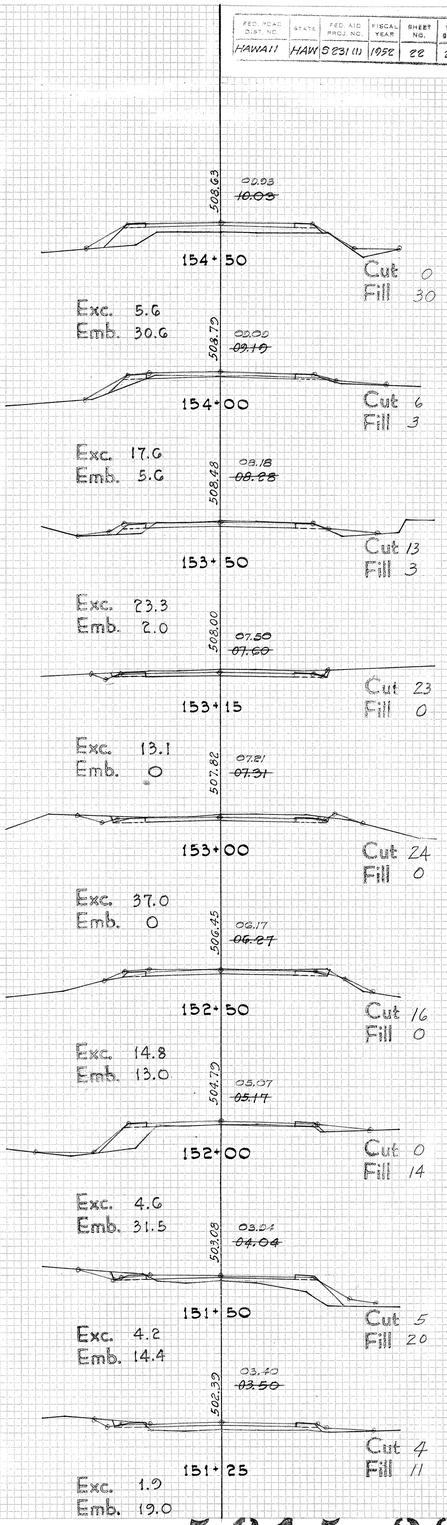


PLATE 3 - CROSS SECTION C. P. R. & R. E.
CLEARPRINT PAPER COMPANY, S. F. CAL.
No. 1000H-3

5615.22

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	S 231(1)	1952	23	26

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

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

158+50
Exc. 28.3
Emb. 0
Cut 48
Fill 0

158+35
Exc. 56.4
Emb. 0
Cut 54
Fill 0

158+00
Exc. 23.0
Emb. 0
Cut 33
Fill 0

157+80
Exc. 24.5
Emb. 0.6
Cut 29
Fill 0

157+50
Exc. 14.8
Emb. 3.7
Cut 15
Fill 1

157+00
Exc. 0.9
Emb. 16.7
Cut 1
Fill 3

156+50
Exc. 0
Emb. 38.0
Cut 0
Fill 15

156+00
Exc. 0
Emb. 53.7
Cut 0
Fill 26

155+50
Exc. 0
Emb. 63.9
Cut 0
Fill 32

155+00
Exc. 0
Emb. 62.0
Cut 0
Fill 37

160+00
Exc. 21.3
Emb. 9.3
Cut 16
Fill 0

162+50
Exc. 6.5
Emb. 17.6
Cut 7
Fill 10

162+00
Exc. 0
Emb. 28.7
Cut 0
Fill 9

161+50
Exc. 0
Emb. 48.2
Cut 0
Fill 22

161+00
Exc. 0
Emb. 55.6
Cut 0
Fill 30

160+50
Exc. 0
Emb. 60.2
Cut 0
Fill 30

160+00
Exc. 0
Emb. 57.4
Cut 0
Fill 35

159+50
Exc. 0.5
Emb. 13.4
Cut 0
Fill 27

159+25
Exc. 9.7
Emb. 1.4
Cut 1
Fill 2

159+00
Exc. 63.0
Emb. 0.9
Cut 20
Fill 1

167+00
Exc. 0.9
Emb. 45.4
Cut 1
Fill 26

166+50
Exc. 0
Emb. 59.3
Cut 0
Fill 23

166+00
Exc. 0
Emb. 71.3
Cut 0
Fill 41

165+50
Exc. 5.6
Emb. 35.2
Cut 0
Fill 36

165+00
Exc. 15.7
Emb. 0.9
Cut 6
Fill 2

164+75
Exc. 28.3
Emb. 0
Cut 28
Fill 0

164+50
Exc. 27.3
Emb. 0
Cut 33
Fill 0

164+25
Exc. 13.9
Emb. 6.5
Cut 26
Fill 0

164+00
Exc. 13.9
Emb. 6.5
Cut 8
Fill 4

163+50
Exc. 21.3
Emb. 2.8
Cut 7
Fill 3

170+30
Exc. 0
Emb. 63.9
Cut 0
Fill 58

170+00
Exc. 0
Emb. 48.2
Cut 0
Fill 57

169+75
Exc. 0.5
Emb. 36.6
Cut 0
Fill 47

169+50
Exc. 0.8
Emb. 45.2
Cut 1
Fill 32

169+10
Exc. 5.0
Emb. 5.4
Cut 0
Fill 29

169+00
Exc. 25.0
Emb. 15.7
Cut 27
Fill 0

168+50
Exc. 7.4
Emb. 16.7
Cut 0
Fill 17

168+00
Exc. 9.3
Emb. 1.9
Cut 8
Fill 1

167+50
Exc. 1.5
Emb. 1.1
Cut 2
Fill 1

167+30
Exc. 1.7
Emb. 15.6
Cut 2
Fill 2

174+50
Exc. 50.0
Emb. 0
Cut 28
Fill 0

174+00
Exc. 52.8
Emb. 0
Cut 26
Fill 0

173+50
Exc. 49.1
Emb. 0
Cut 31
Fill 0

173+00
Exc. 20.4
Emb. 32.4
Cut 22
Fill 0

172+50
Exc. 0
Emb. 70.4
Cut 0
Fill 35

172+00
Exc. 0
Emb. 58.3
Cut 0
Fill 41

171+50
Exc. 0
Emb. 39.8
Cut 0
Fill 22

171+00
Exc. 0
Emb. 70.4
Cut 0
Fill 21

170+50
Exc. 0
Emb. 41.9
Cut 0
Fill 55

PLATE 9 - CROSS SECTION C. P. R. & R. S.
CLEARPRINT PAPER COMPANY, S. F. CAL.
No. 1050H-3

5615.23

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	S 231 (1)	1952	24	26

FINAL SURVEY — ORIGINAL SURVEY

SURVEYED ____ BY ____ DATE ____
PLOTTED ____ BY ____ DATE ____
TEMPLATE ____ BY ____ DATE ____
AREAS ____ BY ____ DATE ____
NOTE BOOK ____ PAGES CHECKED ____
NO. ____

179+50 — Cut 0, Fill 30
Exc. 0
Emb. 63.9

179+00 — Cut 0, Fill 33
Exc. 0
Emb. 40.7

178+50 — Cut 0, Fill 5
Exc. 1.9
Emb. 4.6

178+00 — Cut 2, Fill 0
Exc. 1.9
Emb. 11.1

177+50 — Cut 0, Fill 12
Exc. 0
Emb. 35.2

177+00 — Cut 0, Fill 26
Exc. 0
Emb. 46.3

176+50 — Cut 0, Fill 24
Exc. 0
Emb. 38.0

176+00 — Cut 0, Fill 17
Exc. 9.3
Emb. 18.5

175+50 — Cut 10, Fill 3
Exc. 34.3
Emb. 2.8

175+00 — Cut 27, Fill 0
Exc. 50.9
Emb. 0

184+00 — Cut 18, Fill 2
Exc. 86.9
Emb. 5.6

183+50 — Cut 11, Fill 4
Exc. 20.4
Emb. 5.6

183+00 — Cut 11, Fill 2
Exc. 20.4
Emb. 5.6

182+50 — Cut 11, Fill 4
Exc. 14.8
Emb. 6.5

182+00 — Cut 5, Fill 3
Exc. 4.6
Emb. 8.3

181+50 — Cut 0, Fill 6
Exc. 0
Emb. 17.6

181+00 — Cut 0, Fill 13
Exc. 0
Emb. 17.6

180+50 — Cut 0, Fill 6
Exc. 0
Emb. 47.2

180+00 — Cut 0, Fill 45
Exc. 0
Emb. 69.4

189+00 — Cut 8, Fill 1
Exc. 7.4
Emb. 16.7

188+50 — Cut 0, Fill 17
Exc. 0
Emb. 48.2

188+00 — Cut 0, Fill 35
Exc. 0
Emb. 60.2

187+50 — Cut 0, Fill 30
Exc. 0
Emb. 74.1

187+00 — Cut 0, Fill 50
Exc. 0
Emb. 93.5

186+50 — Cut 0, Fill 51
Exc. 0
Emb. 98.2

186+00 — Cut 0, Fill 55
Exc. 0
Emb. 72.6

185+50 — Cut 0, Fill 31
Exc. 10.2
Emb. 34.3

185+00 — Cut 11, Fill 6
Exc. 33.3
Emb. 5.6

184+50 — Cut 25, Fill 0
Exc. 39.8
Emb. 1.9

192+50 — Cut 0, Fill 26
Exc. 23.2
Emb. 25.0

192+00 — Cut 25, Fill 1
Exc. 80.6
Emb. 0.9

191+50 — Cut 62, Fill 0
Exc. 66.2
Emb. 0

191+25 — Cut 81, Fill 0
Exc. 80.1
Emb. 0

191+00 — Cut 22, Fill 0
Exc. 78.8
Emb. 0

190+72 — Cut 60, Fill 0
Exc. 40.7
Emb. 0.4

190+50 — Cut 40, Fill 1
Exc. 51.9
Emb. 7.4

190+00 — Cut 16, Fill 7
Exc. 20.6
Emb. 5.6

189+70 — Cut 21, Fill 3
Exc. 15.2
Emb. 2.6

189+50 — Cut 20, Fill 4
Exc. 25.9
Emb. 4.6

196+50 — Cut 1, Fill 6
Exc. 30.6
Emb. 5.6

196+00 — Cut 32, Fill 0
Exc. 26.7
Emb. 1.1

195+80 — Cut 40, Fill 3
Exc. 34.4
Emb. 4.4

195+50 — Cut 22, Fill 5
Exc. 34.3
Emb. 8.3

195+00 — Cut 15, Fill 4
Exc. 13.9
Emb. 30.6

194+50 — Cut 0, Fill 29
Exc. 0
Emb. 82.4

194+00 — Cut 0, Fill 60
Exc. 0
Emb. 98.2

193+50 — Cut 0, Fill 46
Exc. 0
Emb. 92.6

193+00 — Cut 0, Fill 54
Exc. 0
Emb. 74.1

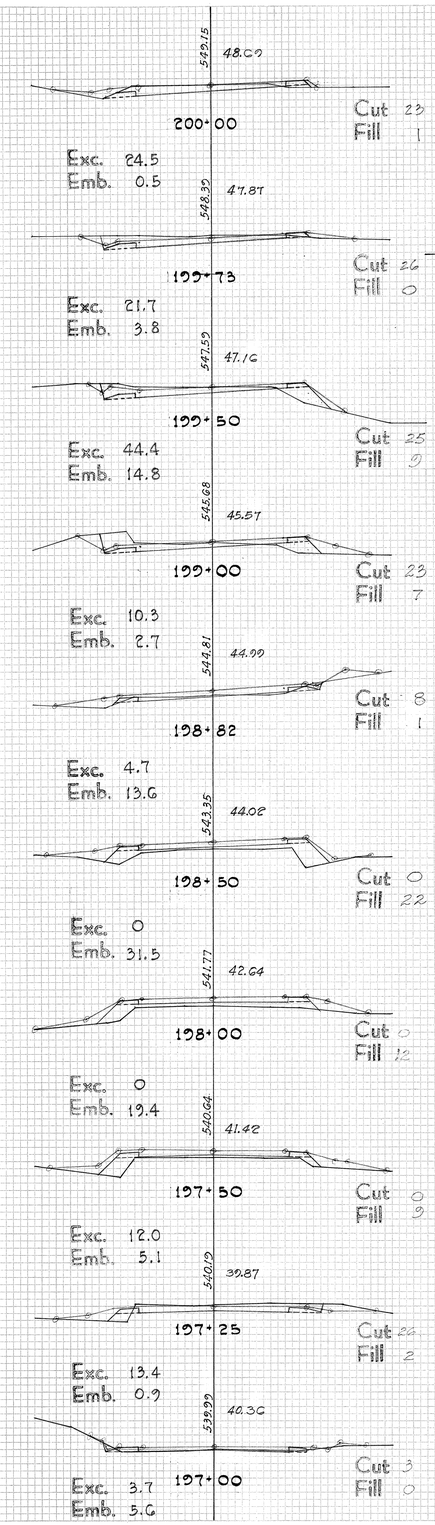
PLATE 5 - CROSS SECTION U. S. B. R. & R. E.
CLEARPRINT PAPER COMPANY, S. F. CAL.
No. 1000H-3

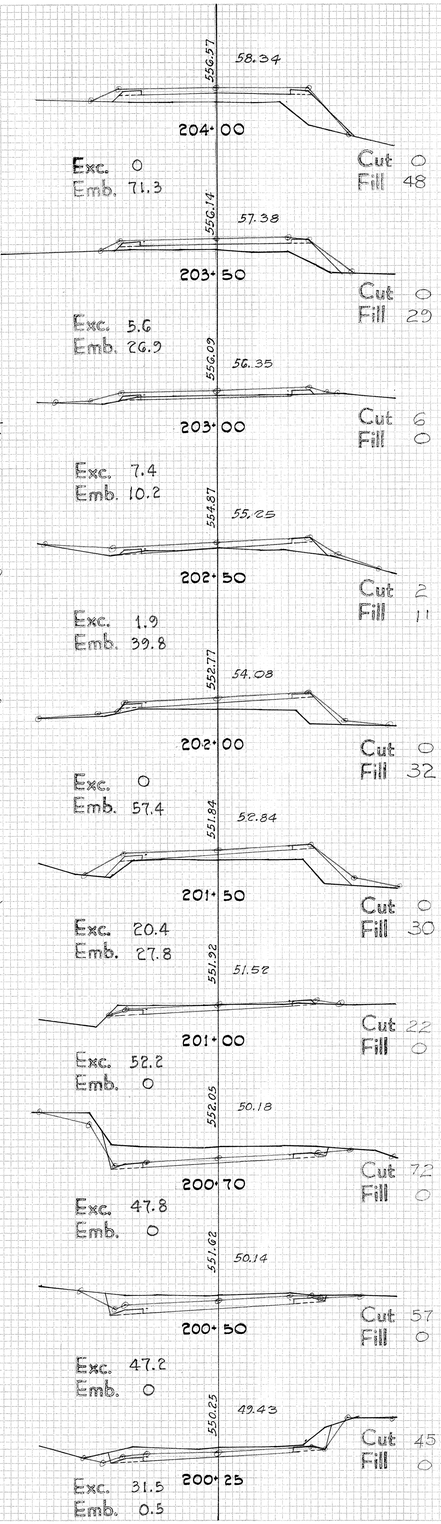
5615.24

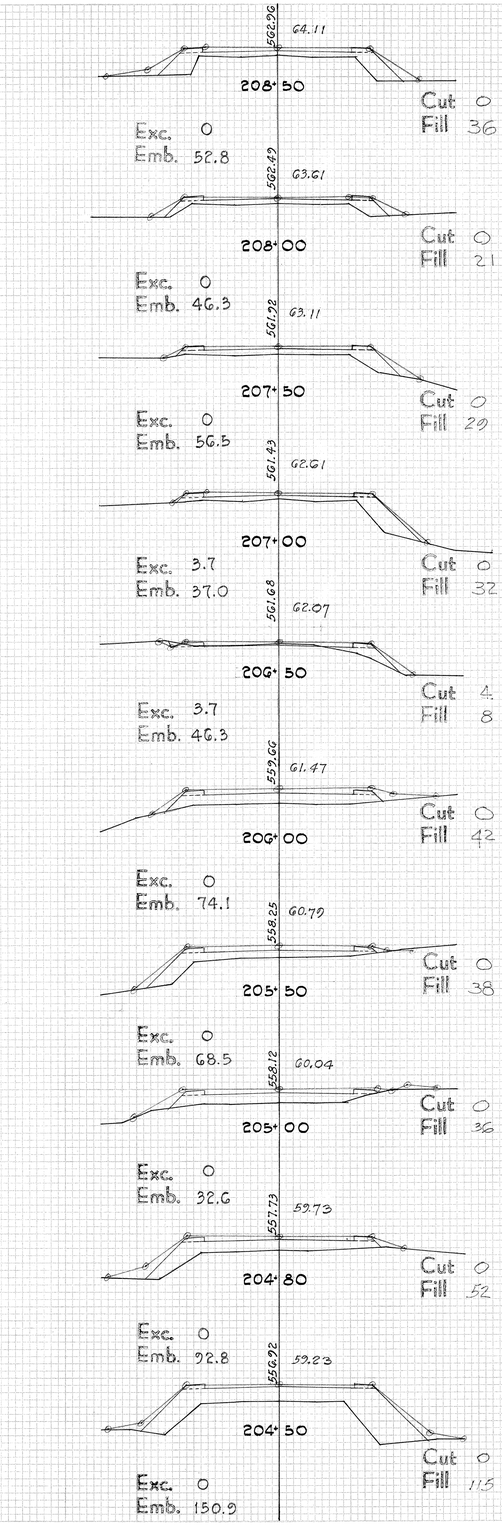
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	S823(1)	1952	25	26

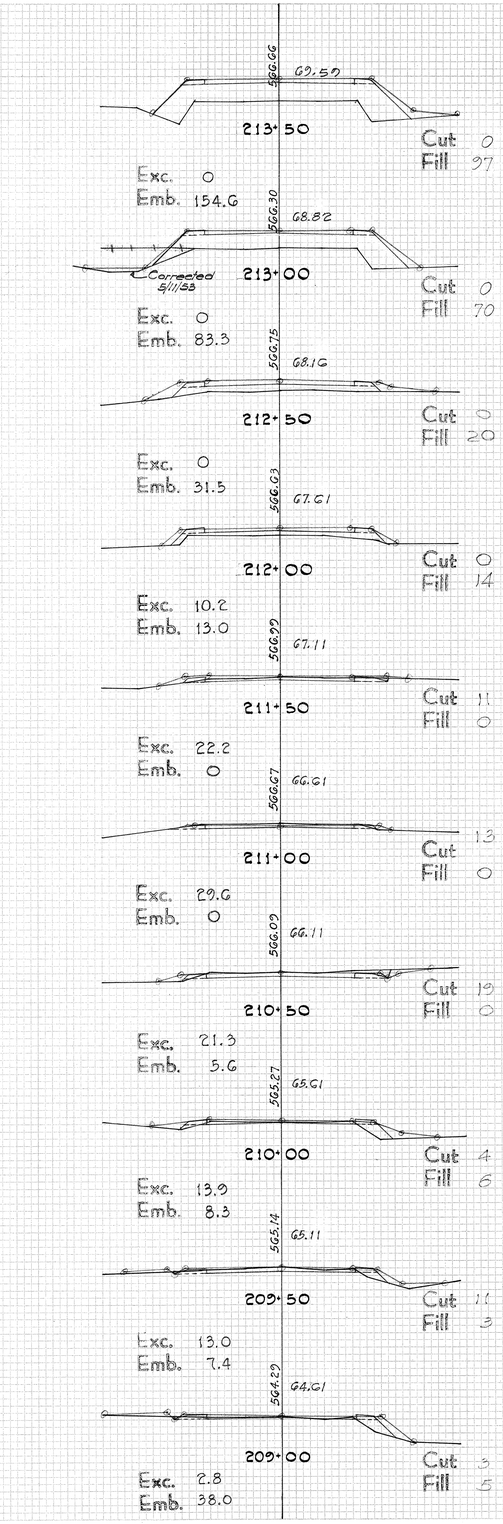
FINAL SURVEY — NOTE BOOK — NO. — DATE — BY
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

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









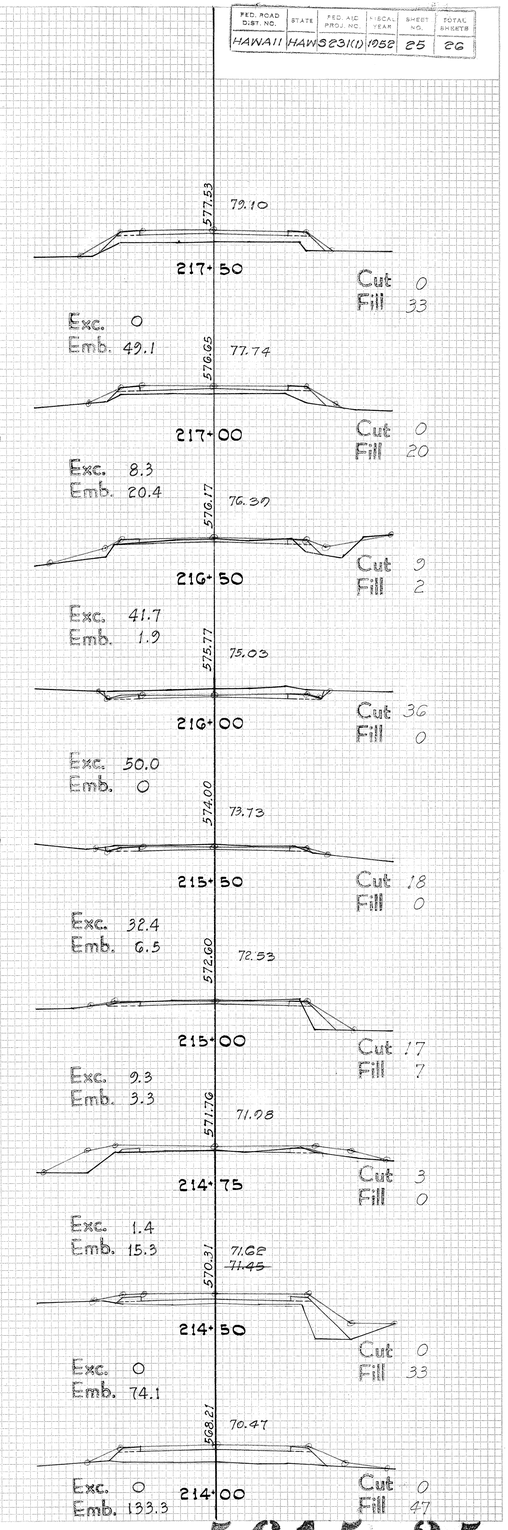


PLATE 3 - CROSS SECTION C. F. N. & N. R.
CLEARPRINT PAPER COMPANY, S. F. CAL.
No. 1000H-3

5615.25

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	S 231(1)	1952	26	26

FINAL SURVEY
ORIGINAL SURVEY
ROUTE MODIFICATION
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
CROSS CHECKED

BY	DATE

221+50
583.73 80.21 89.31
Cut 27 Fill 0
Exc. 14.8 Emb. 4.6

221+25
588.73 88.25 98.35
Cut 5 Fill 10
Exc. 2.8 Emb. 6.0

221+00
587.73 88.07 88.17
Cut 1 Fill 3
Exc. 0.9 Emb. 25.0

220+50
585.80 86.05 87.00
Cut 0 Fill 24
Exc. 0 Emb. 75.0

220+00
583.48 85.77
Cut 0 Fill 57
Exc. 0 Emb. 63.0

219+50
583.45 84.40
Cut 0 Fill 11
Exc. 0 Emb. 16.7

219+00
582.33 83.16
Cut 0 Fill 7
Exc. 0.9 Emb. 17.6

218+50
580.93 81.81
Cut 1 Fill 12
Exc. 0.9 Emb. 25.0

218+00
579.39 80.45
Cut 0 Fill 15
Exc. 0 Emb. 44.4

226+50
596.72 97.60 97.70
Cut 0 Fill 21
Exc. 0 Emb. 50.9

226+00
595.72 97.07 97.17
Cut 0 Fill 34
Exc. 0 Emb. 75.0

225+50
594.68 96.40 96.50
Cut 0 Fill 47
Exc. 0 Emb. 70.4

225+00
594.31 95.67 95.77
Cut 0 Fill 28
Exc. 0 Emb. 41.7

224+50
594.20 94.01 95.01
Cut 0 Fill 16
Exc. 10.2 Emb. 20.4

224+00
594.06 94.08 94.18
Cut 11 Fill 6
Exc. 56.5 Emb. 5.6

223+50
594.42 93.21 93.31
Cut 50 Fill 0
Exc. 75.0 Emb. 0

223+00
592.80 92.28 92.38
Cut 31 Fill 0
Exc. 59.3 Emb. 0

222+50
592.02 91.31 91.41
Cut 33 Fill 0
Exc. 77.8 Emb. 0

222+00
591.64 90.28 90.38
Cut 51 Fill 0
Exc. 72.2 Emb. 0

231+50
602.55 02.03 03.03
Cut 0 Fill 5
Exc. 0 Emb. 30.6

231+00
601.19 02.56 02.66
Cut 0 Fill 28
Exc. 0 Emb. 87.0

230+50
599.69 02.08 02.18
Cut 0 Fill 66
Exc. 0 Emb. 149.1

230+00
598.20 01.53 01.63
Cut 0 Fill 95
Exc. 0 Emb. 194.4

229+50
597.38 00.00 01.09
Cut 0 Fill 115
Exc. 0 Emb. 134.3

229+00
597.42 00.44 00.54
Cut 0 Fill 30
Exc. 0 Emb. 102.8

228+50
597.25 00.01 00.00
Cut 0 Fill 81
Exc. 0 Emb. 125.9

228+00
597.68 00.35 99.45
Cut 0 Fill 55
Exc. 0 Emb. 66.7

227+50
597.83 98.81 98.91
Cut 0 Fill 17
Exc. 0 Emb. 29.6

227+00
597.56 98.26 98.36
Cut 0 Fill 15
Exc. 0 Emb. 33.3

236+50
600.06 00.16 00.26
Cut 6 Fill 0
Exc. 21.3 Emb. 0

236+00
601.23 00.06 01.06
Cut 17 Fill 0
Exc. 46.3 Emb. 0

235+50
602.36 01.25 01.75
Cut 33 Fill 0
Exc. 60.2 Emb. 0

235+00
602.22 02.22 02.32
Cut 32 Fill 0
Exc. 46.3 Emb. 0

234+50
602.22 02.68 02.78
Cut 18 Fill 0
Exc. 35.2 Emb. 0

234+00
603.37 03.01 03.11
Cut 20 Fill 0
Exc. 46.3 Emb. 0

233+50
603.92 03.23 03.33
Cut 30 Fill 0
Exc. 50.9 Emb. 0

233+00
604.01 03.33 03.43
Cut 25 Fill 0
Exc. 54.6 Emb. 0

232+50
604.02 03.32 03.42
Cut 34 Fill 0
Exc. 54.6 Emb. 0

232+00
603.61 03.17 03.28
Cut 25 Fill 0
Exc. 23.2 Emb. 4.6

238+50
E.P. 02.02 E.P.

238+00
E.P. 597.71 97.42 E.P.
Cut 0 Fill 0
Exc. 15.7 Emb. 0.9

237+50
598.45 E.P. 98.20 E.P.
Cut 17 Fill 1
Exc. 17.6 Emb. 2.8

237+00
599.14 E.P. 99.23 99.33 E.P.
Cut 2 Fill 2
Exc. 7.4 Emb. 1.9

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

5615.26