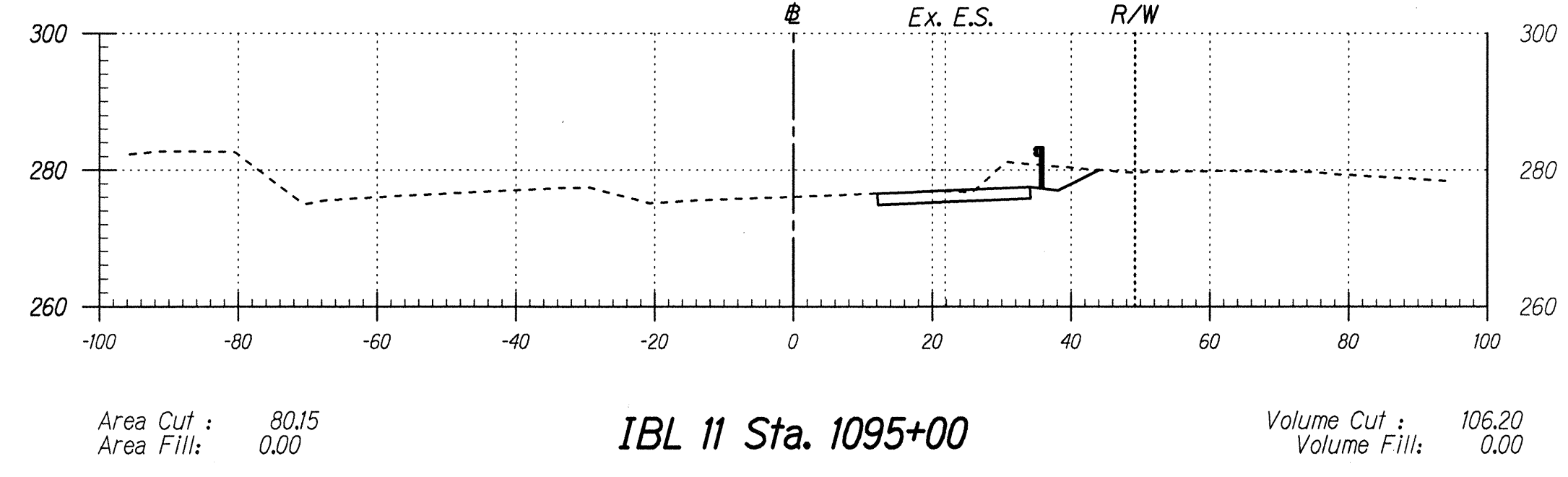
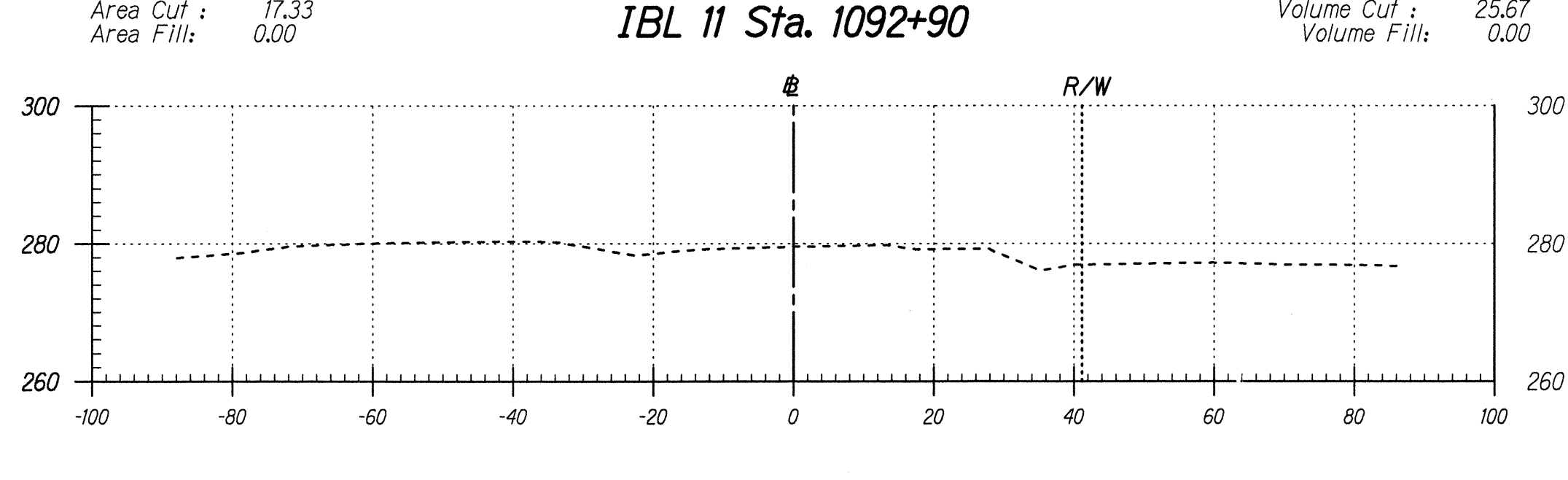
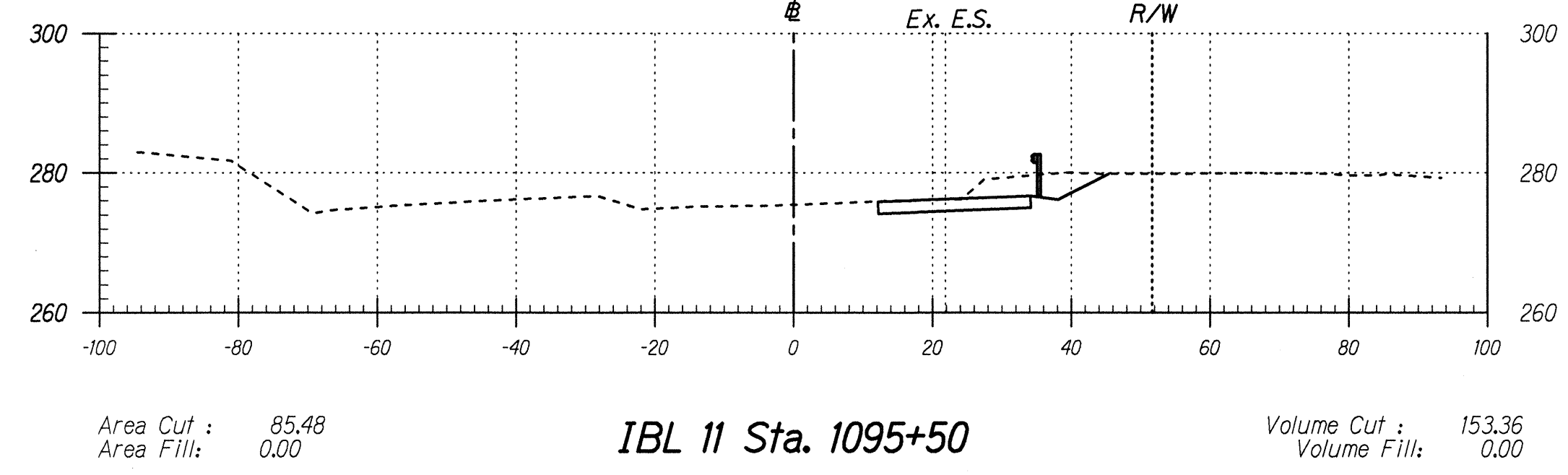
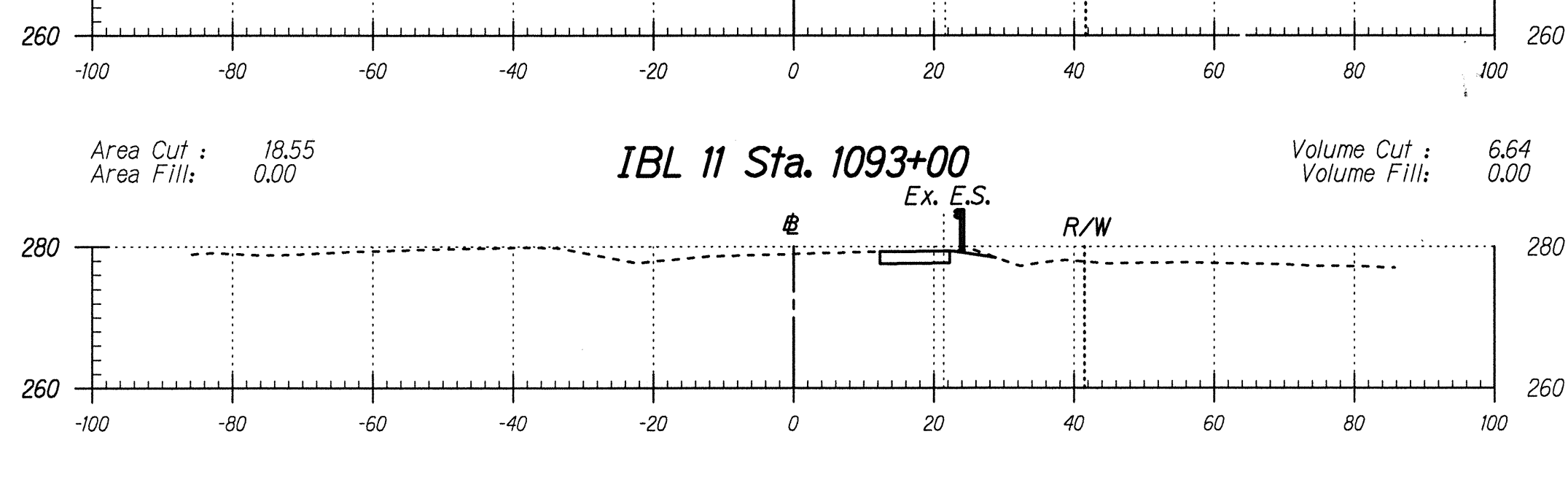
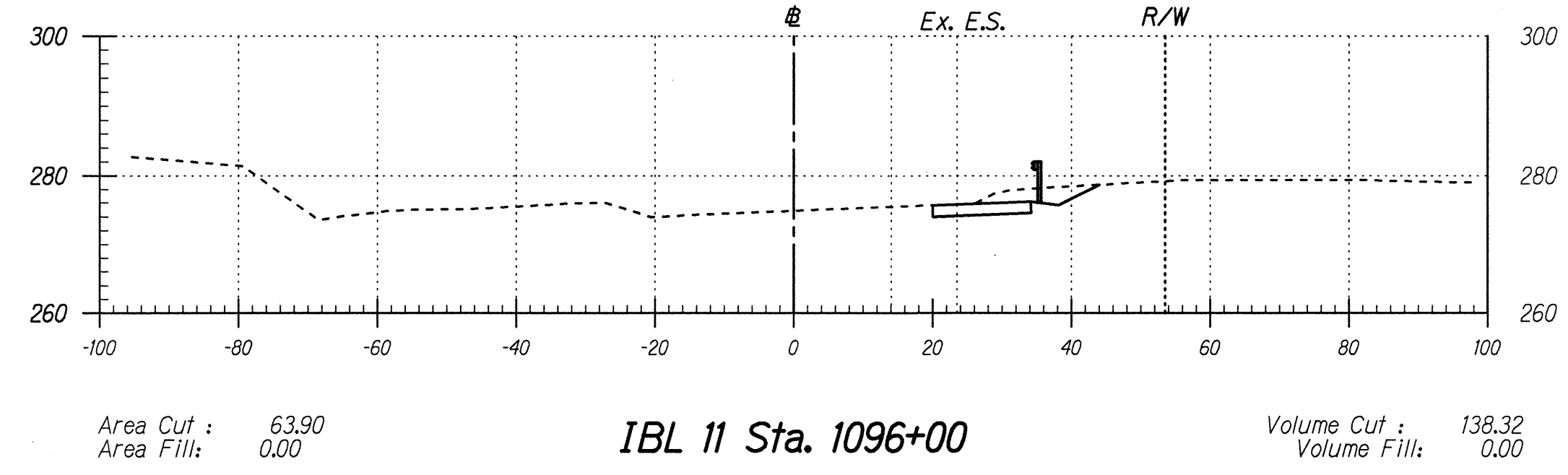
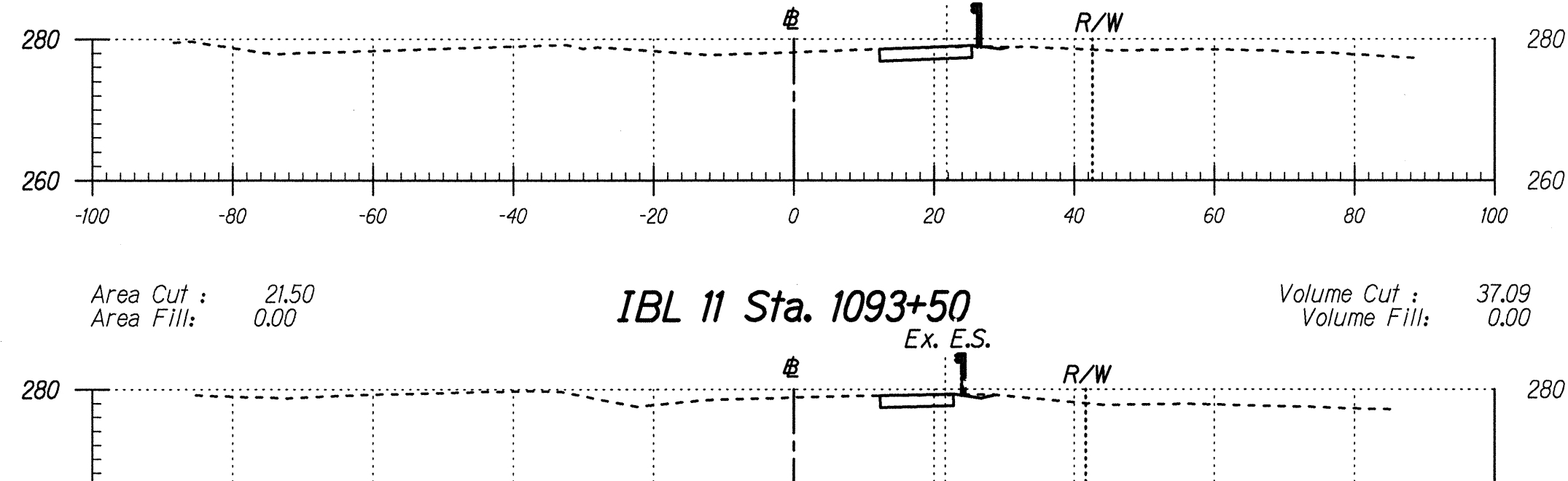
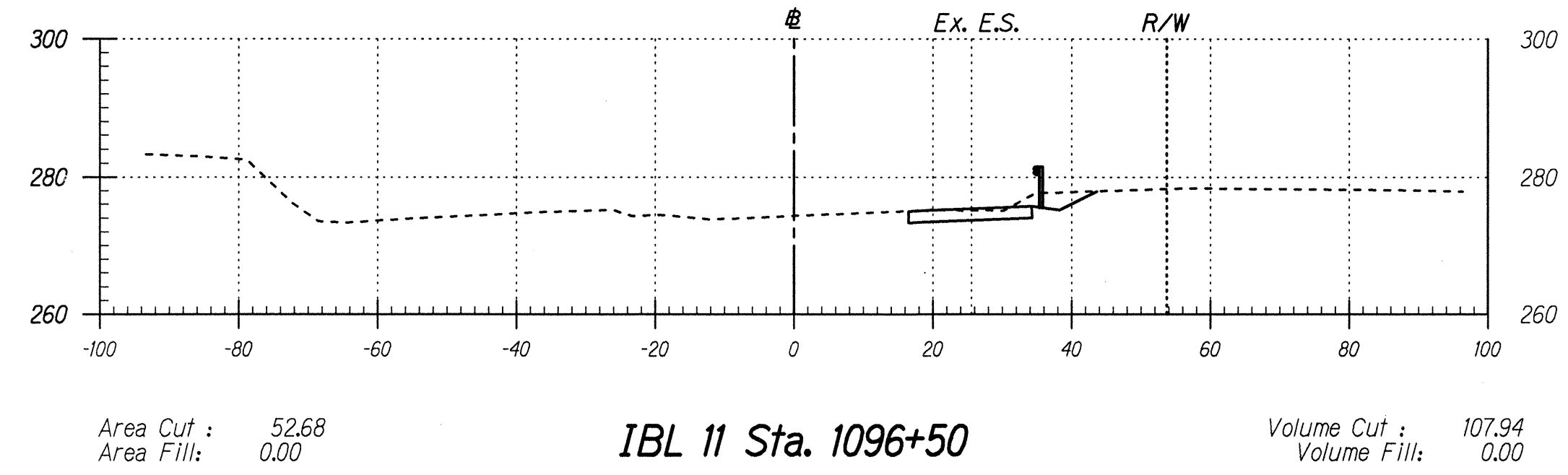
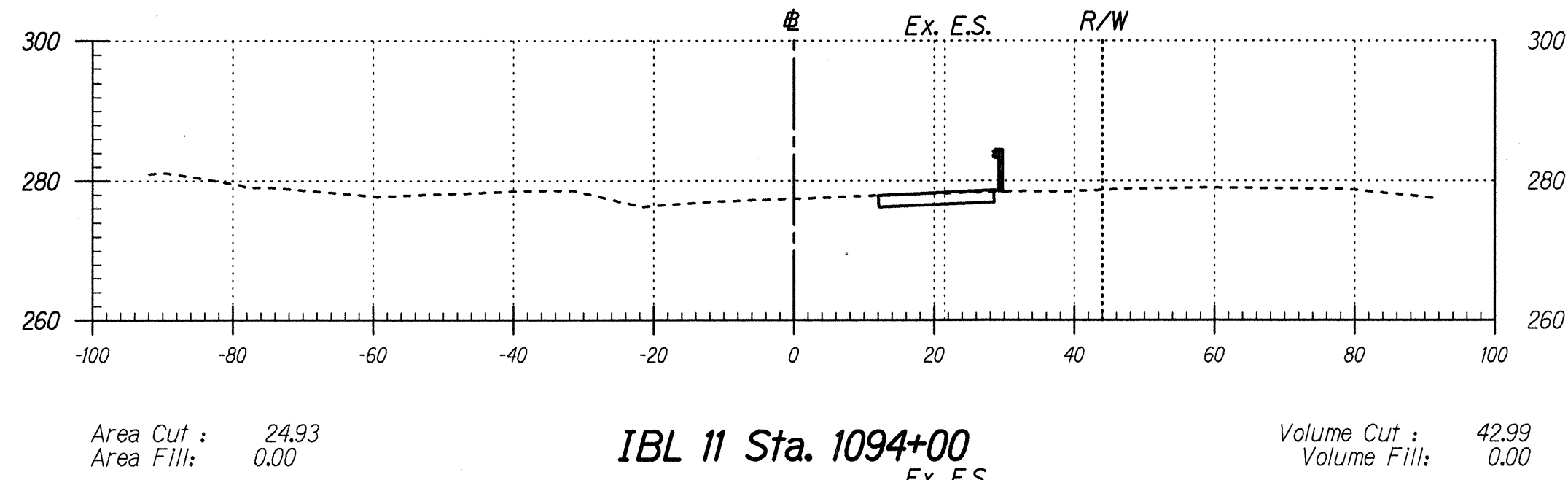
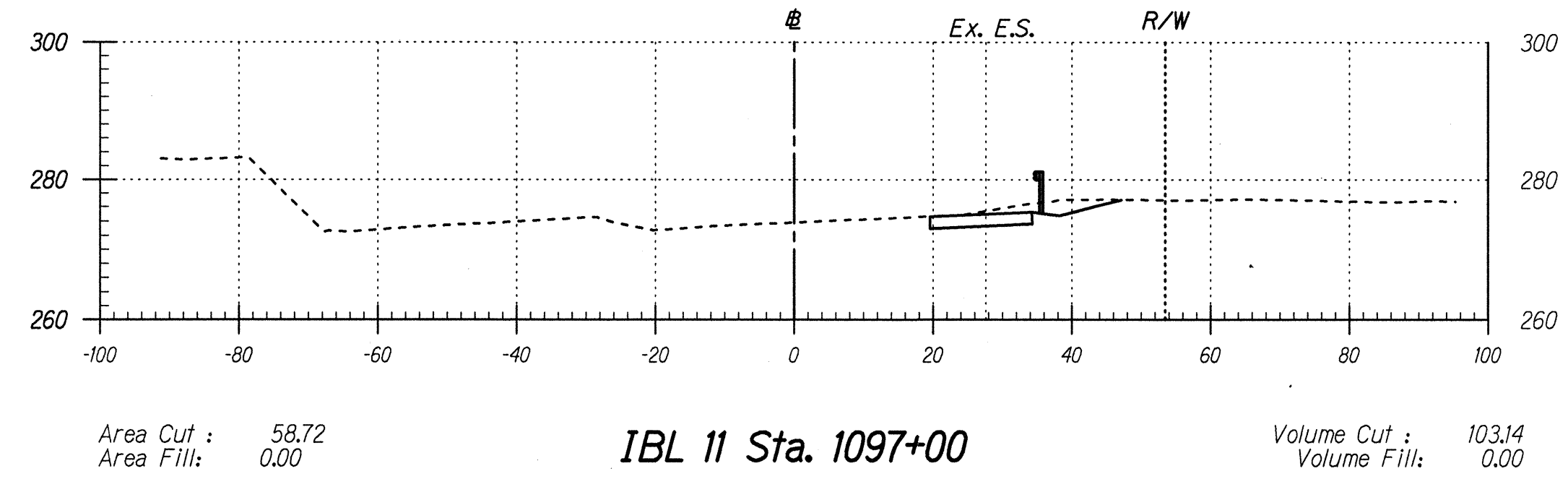
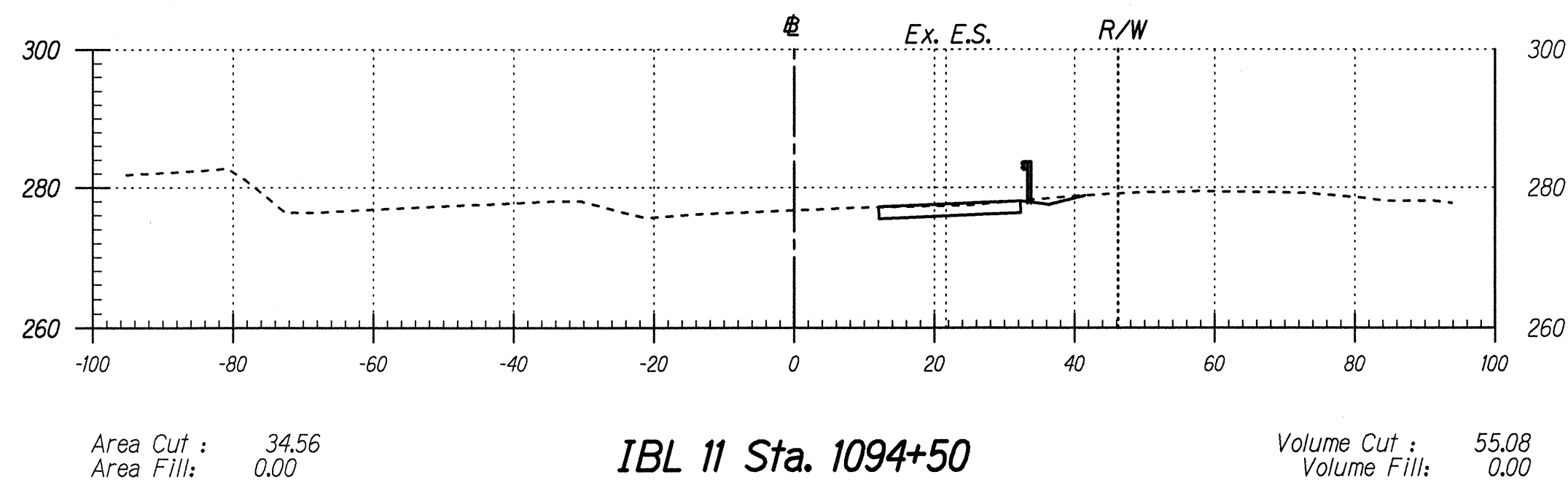
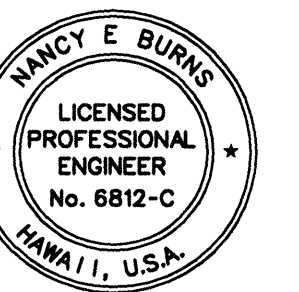


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	144	210



DATE	_____
SURVEY PLANNED BY	_____
PLAN	_____
DESIGNED BY	_____
NOTED BY	_____
CHECKED BY	_____
DATE	_____

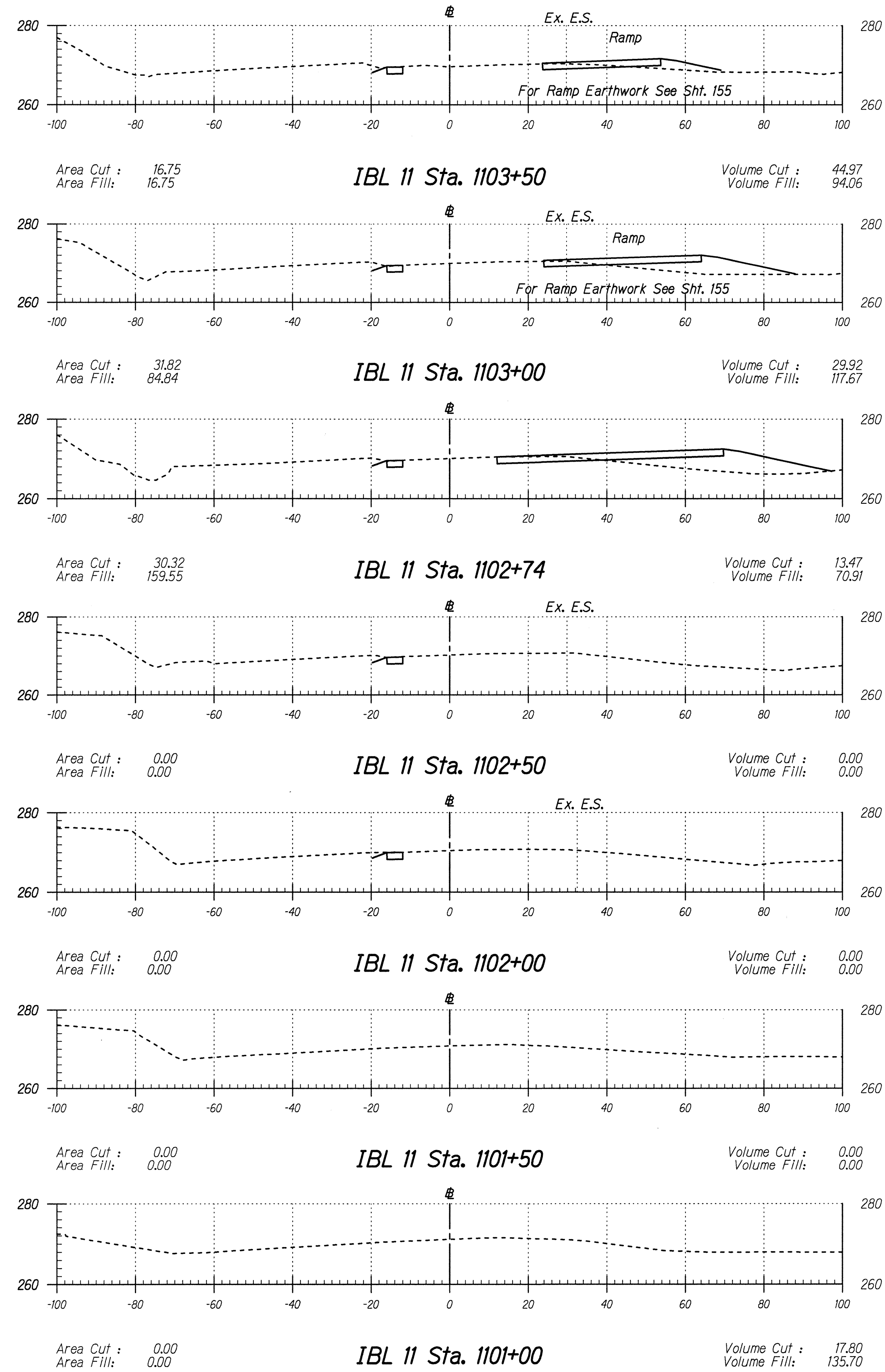
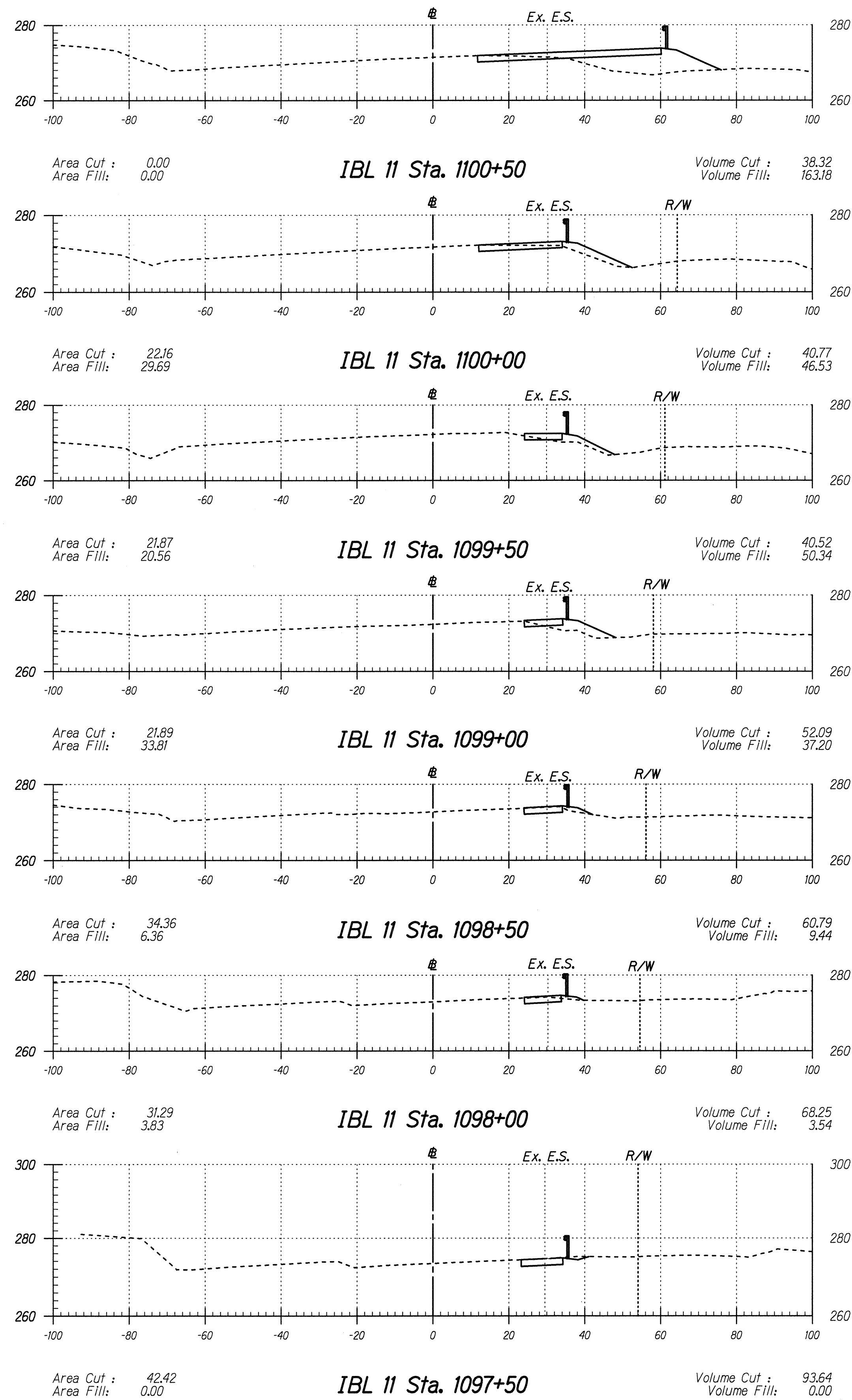


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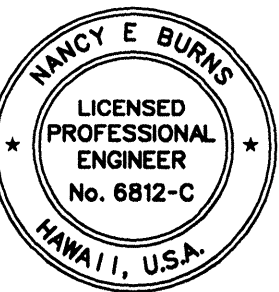
Nancy E. Burns
DATE: 8/24/98

Scale: 1" = 20' Date: August, 1998
SHEET No. 1 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	145	210



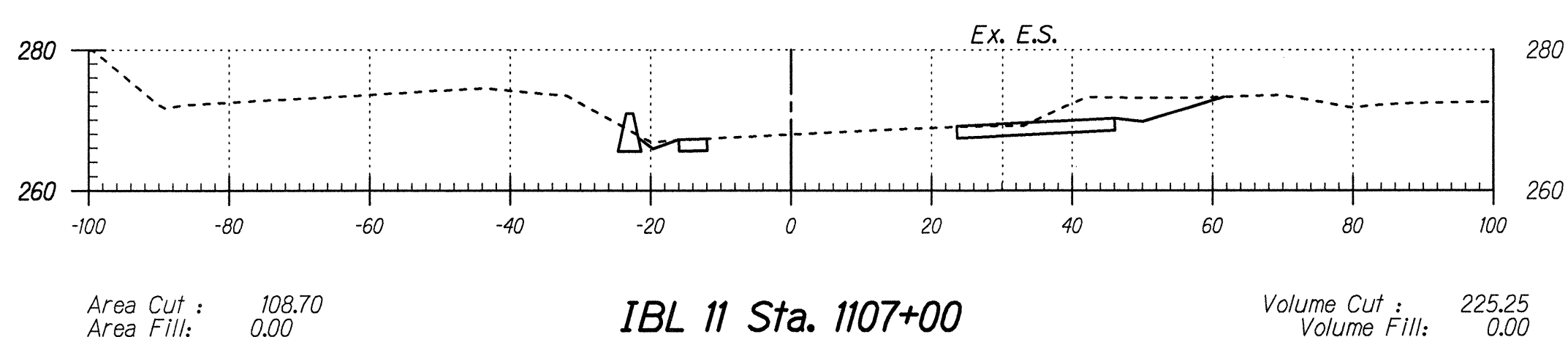
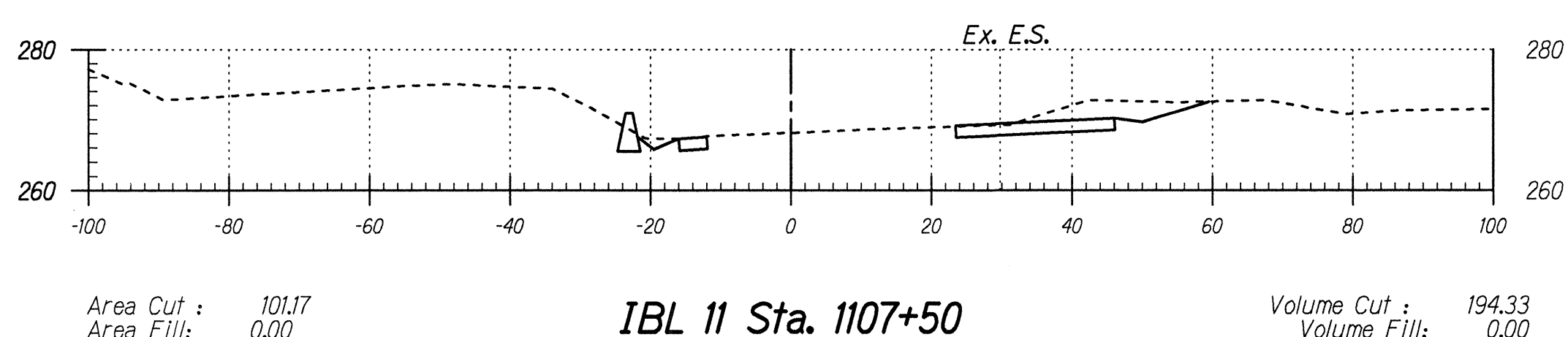
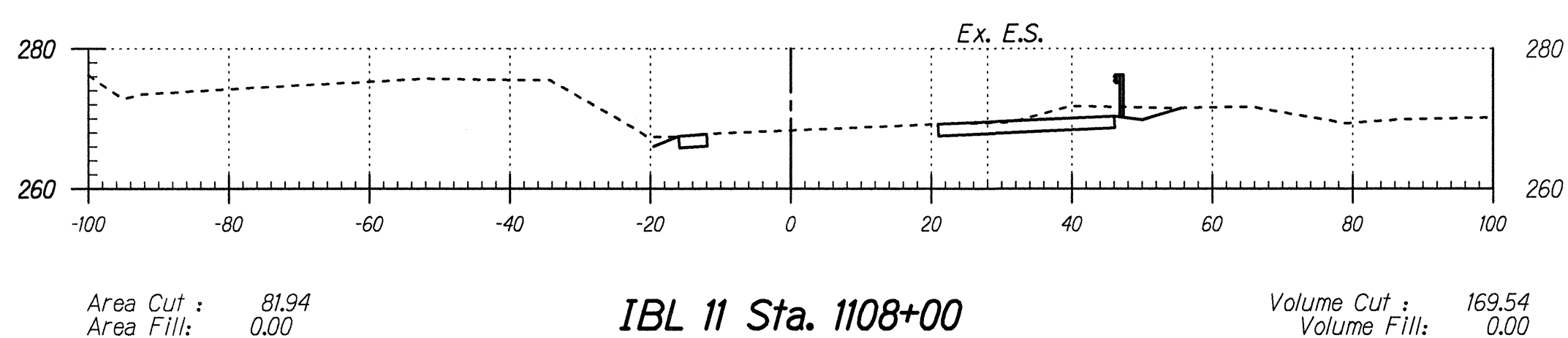
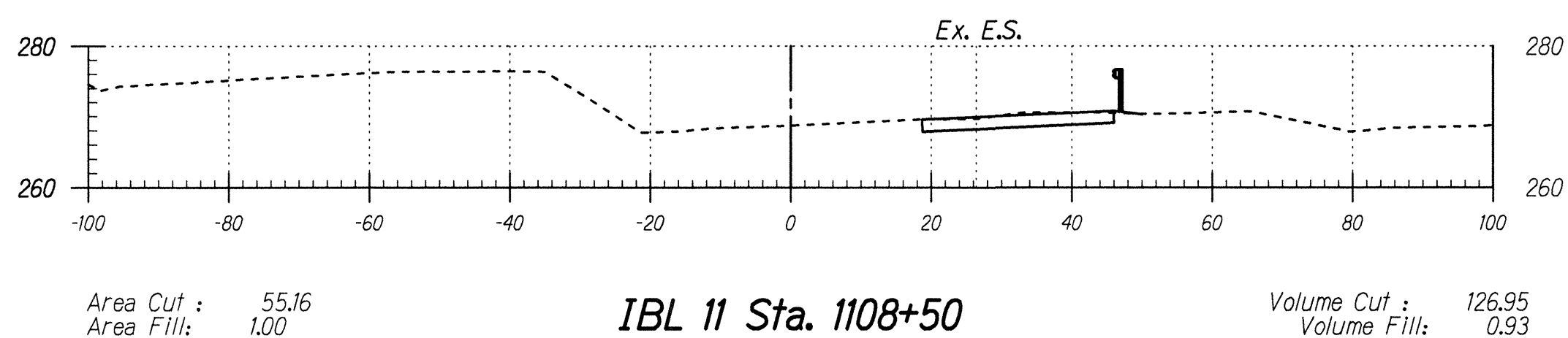
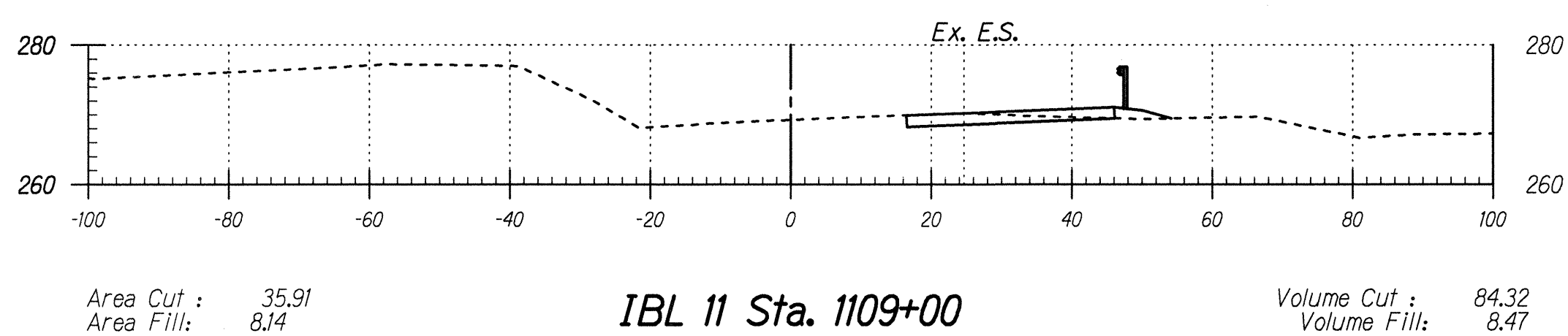
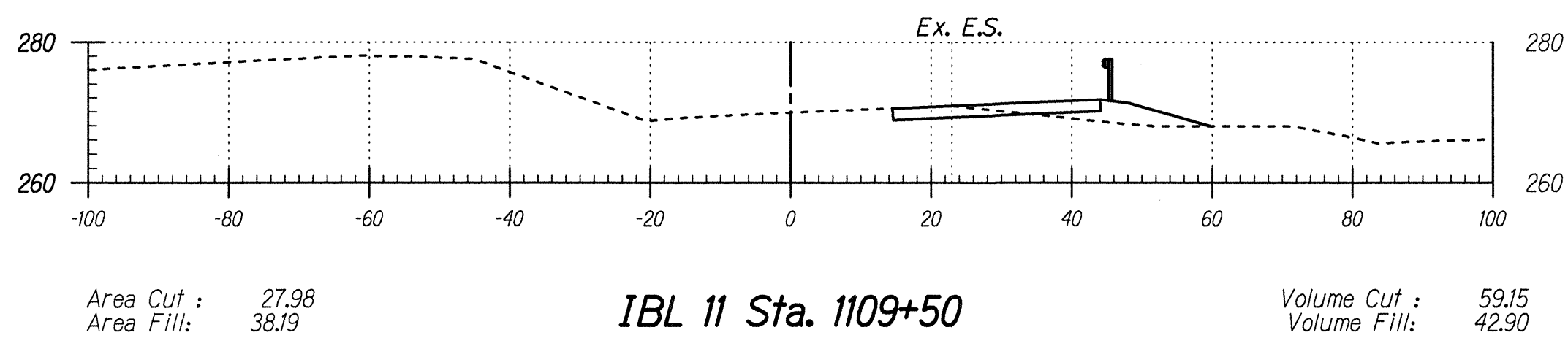
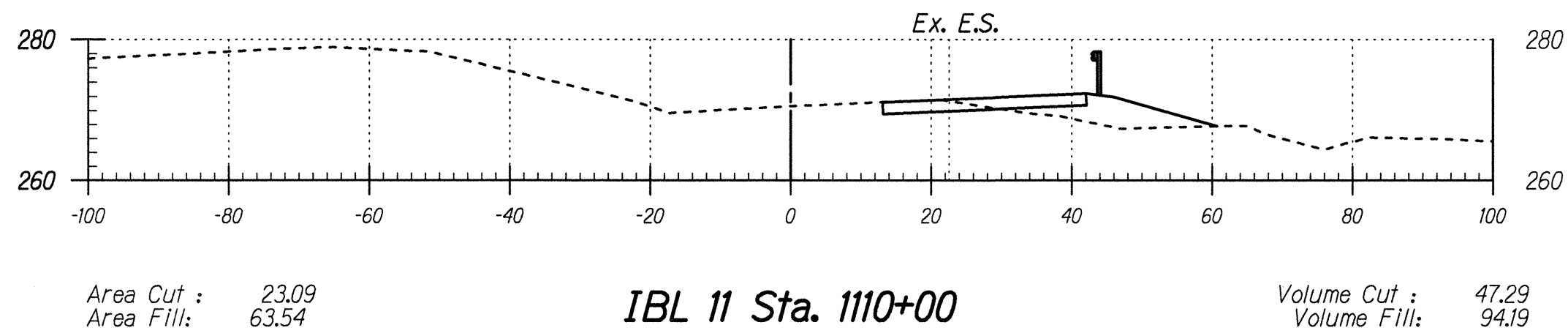
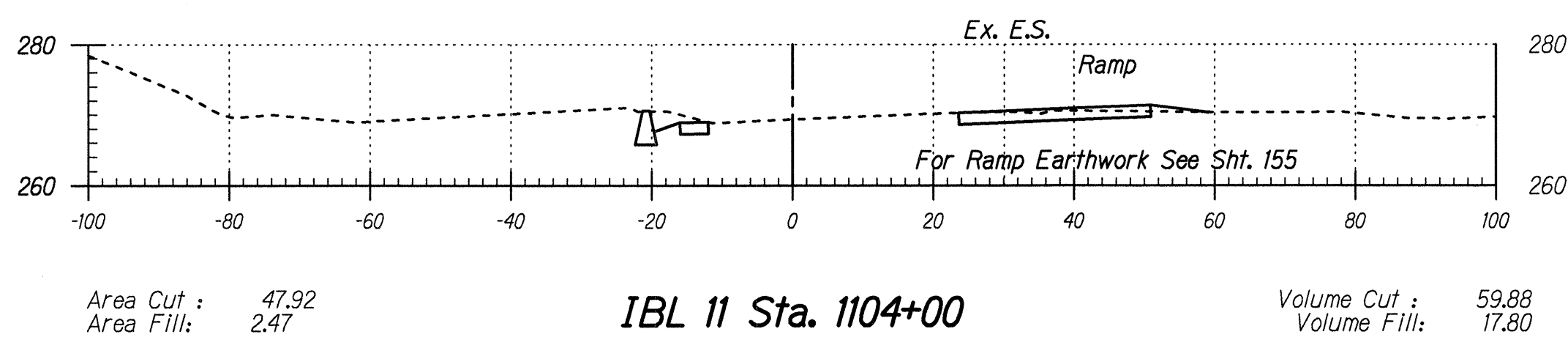
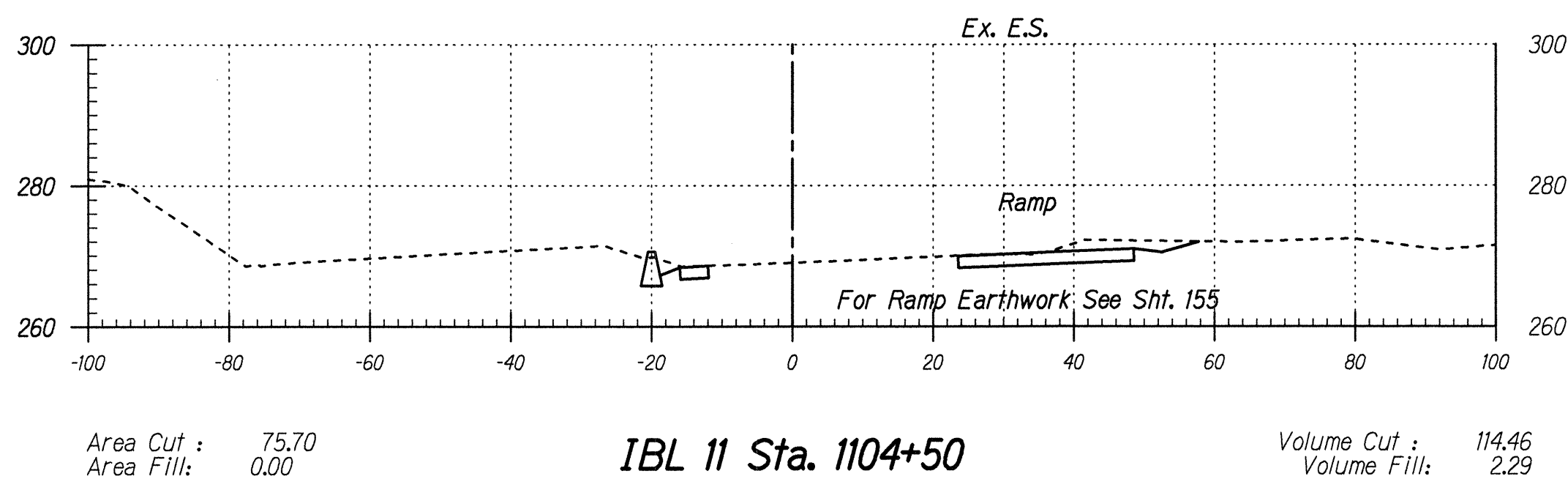
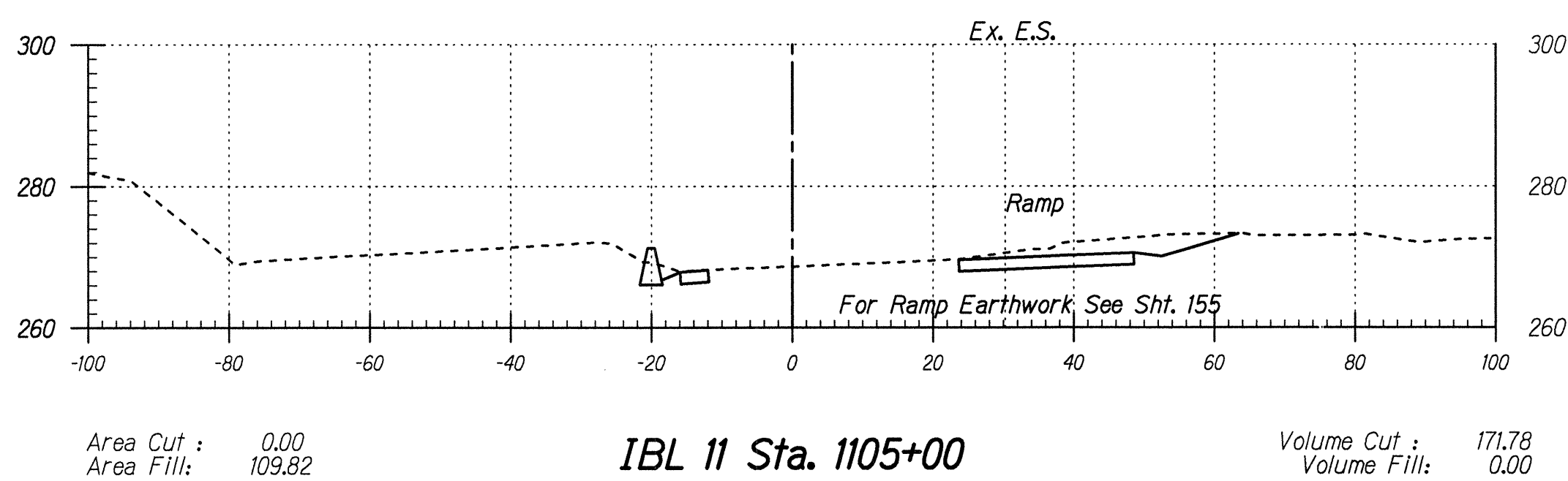
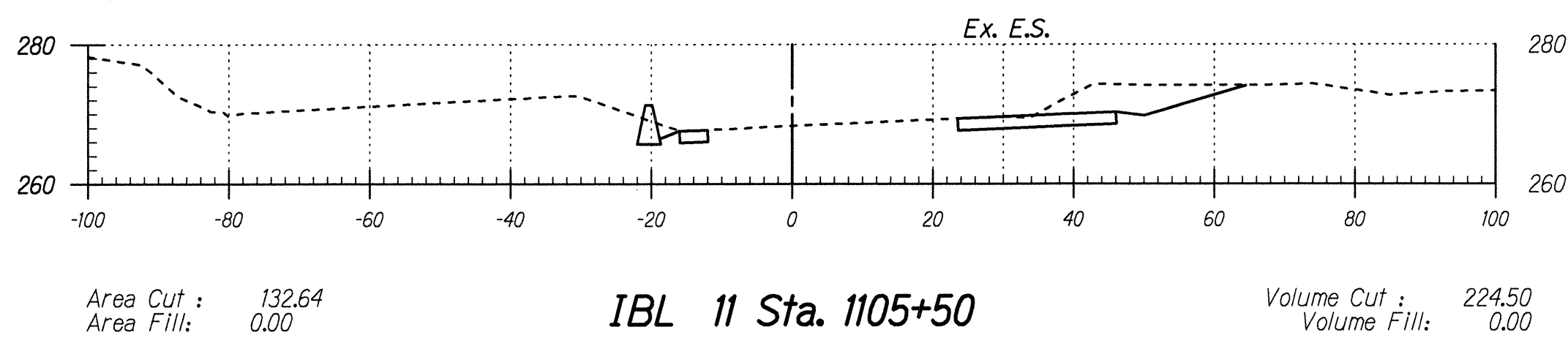
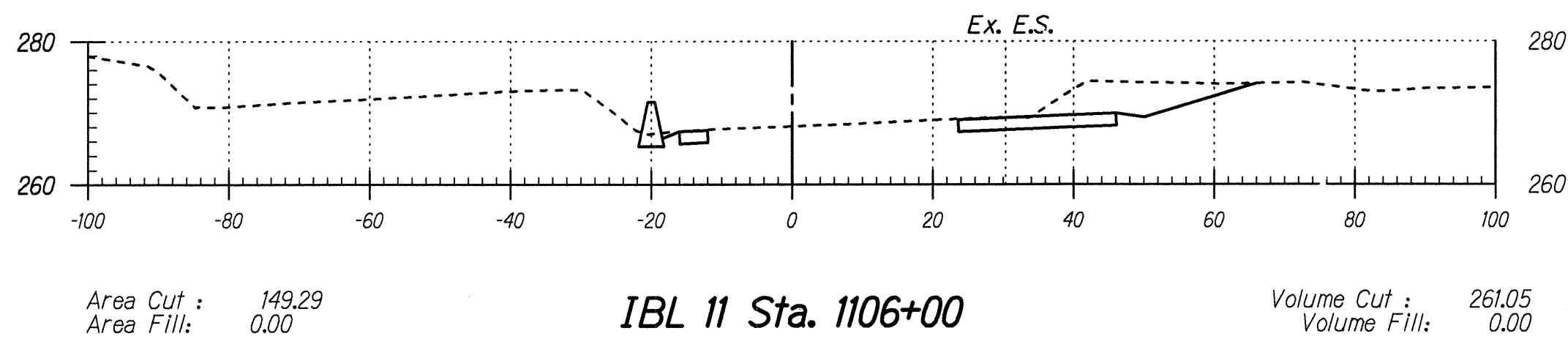
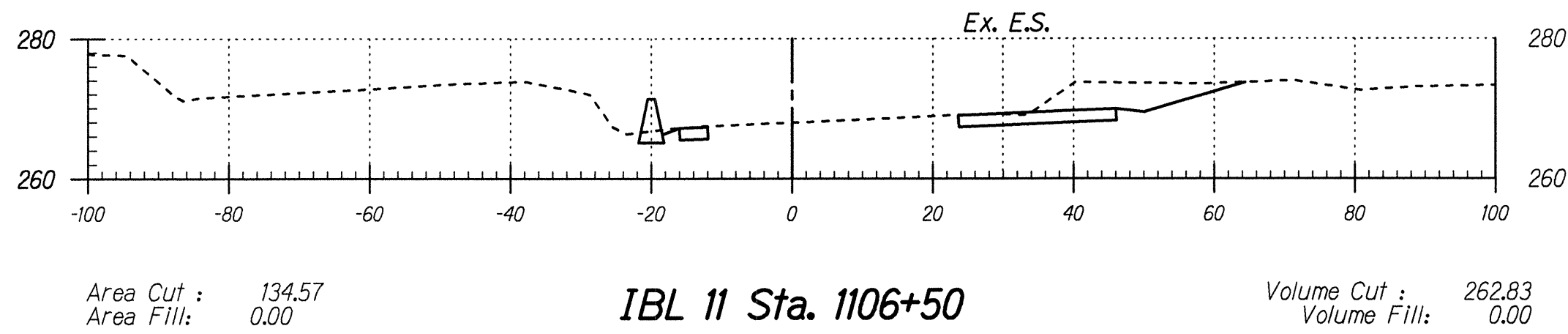
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BOOK	DRAWN BY	
NOTES	TRACED BY	
QUANTITIES BY	CHECKED BY	
IBL section		



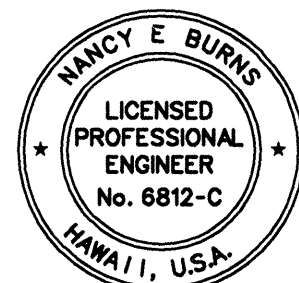
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Nancy E. Burns
DATE: 8/24/98

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	146	210



DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
TRACED BY	_____
NOTED BY	_____
CHECKED BY	_____
IN CHARGE	_____
BY	_____
DATE	_____



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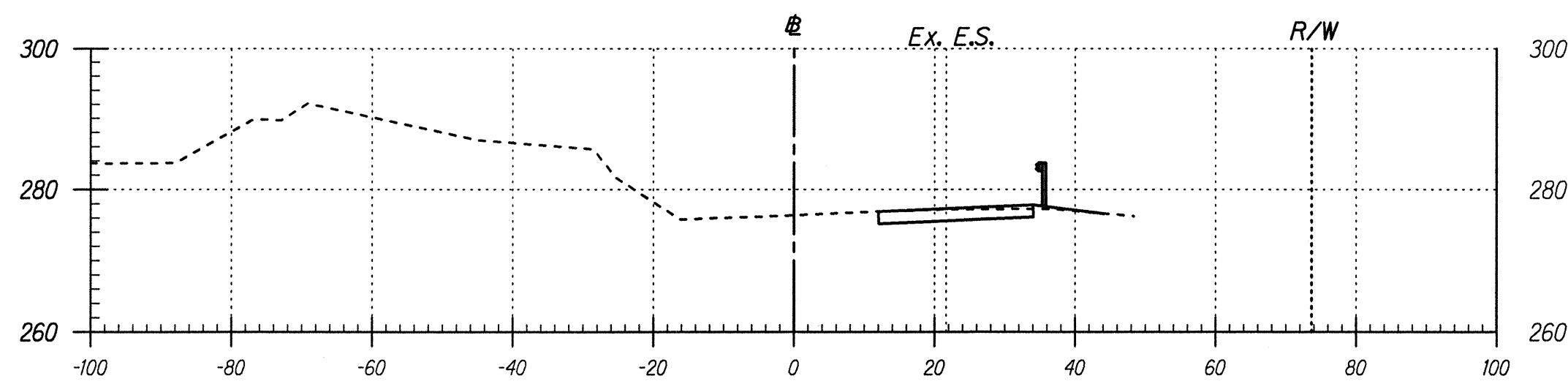
Nancy E. Burns
DATE: 8/24/98

Scale: 1" = 20'

Date: August, 1998

SHEET No. 3 OF 11 SHEETS

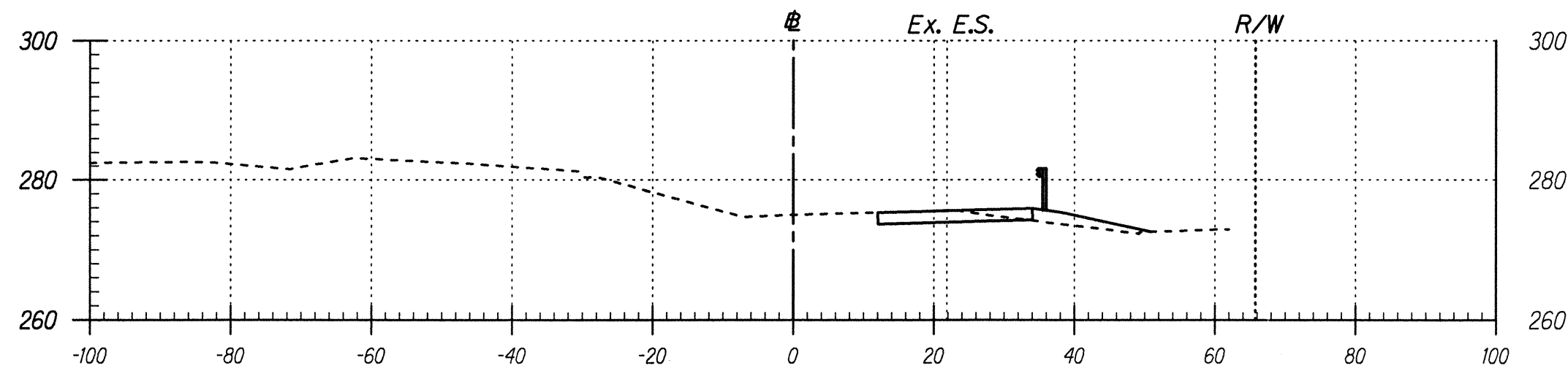
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	147	210



Area Cut : 32.10
Area Fill: 3.60

IBL 11 Sta. 1112+50

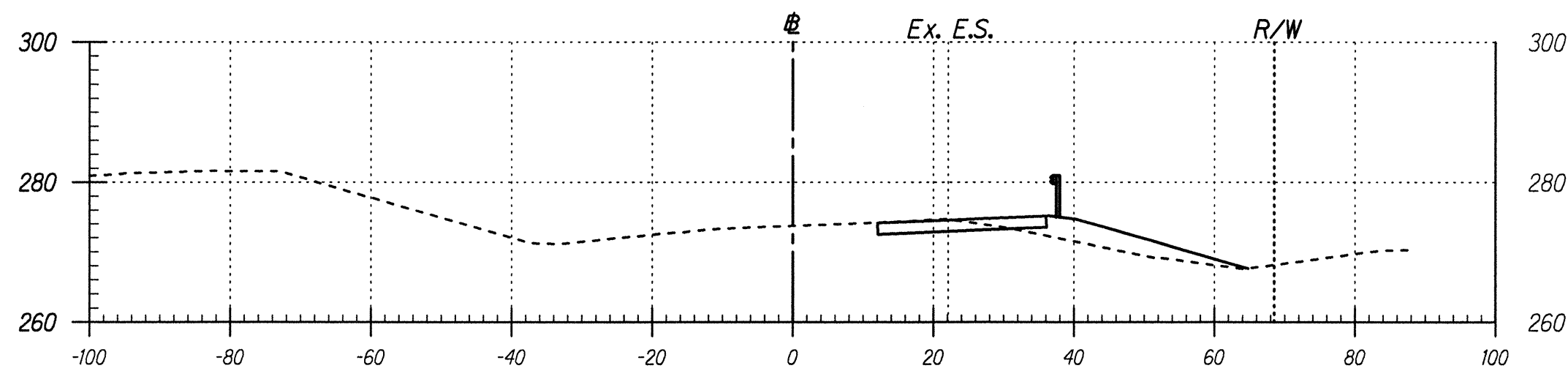
Volume Cut : 54.82
Volume Fill: 22.48



Area Cut : 27.11
Area Fill: 20.68

IBL 11 Sta. 1112+00

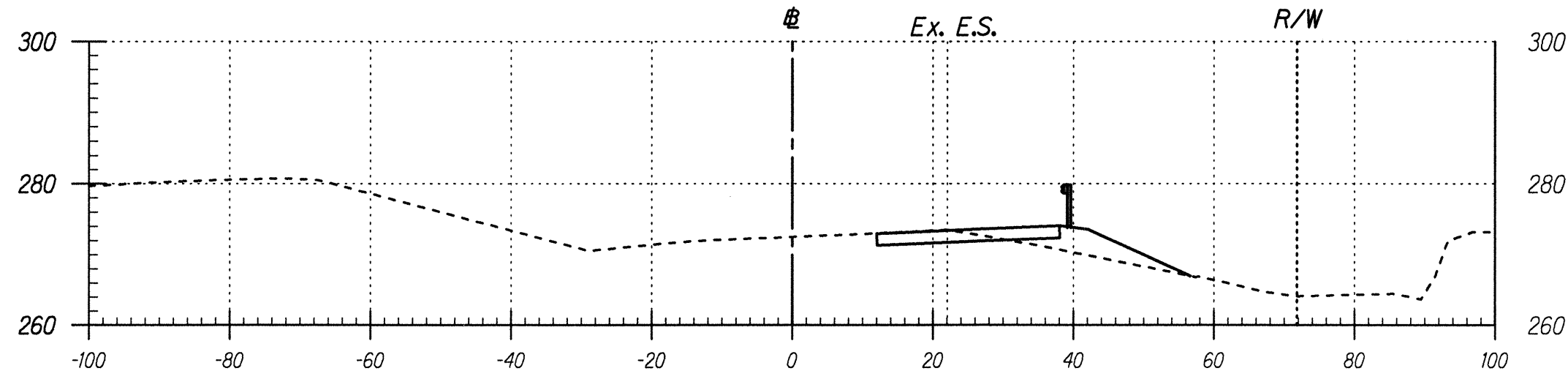
Volume Cut : 48.70
Volume Fill: 106.79



Area Cut : 25.49
Area Fill: 94.65

IBL 11 Sta. 1111+50

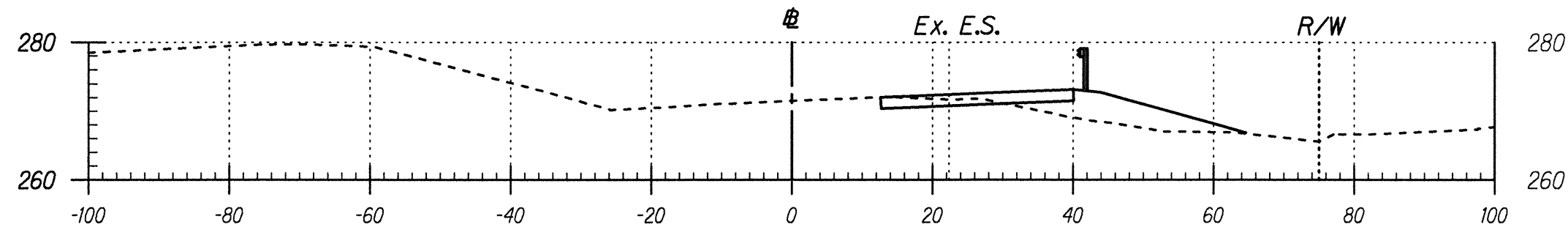
Volume Cut : 46.18
Volume Fill: 171.90



Area Cut : 24.39
Area Fill: 91.00

IBL 11 Sta. 1111+00

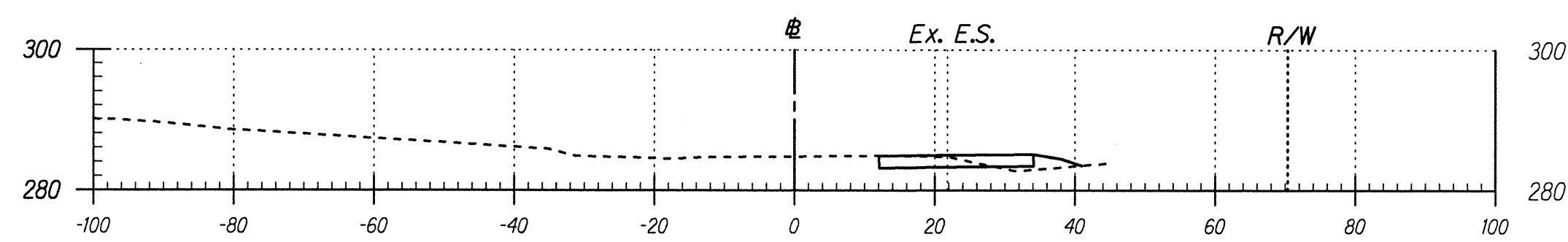
Volume Cut : 40.70
Volume Fill: 187.53



Area Cut : 19.57
Area Fill: 111.54

IBL 11 Sta. 1110+50

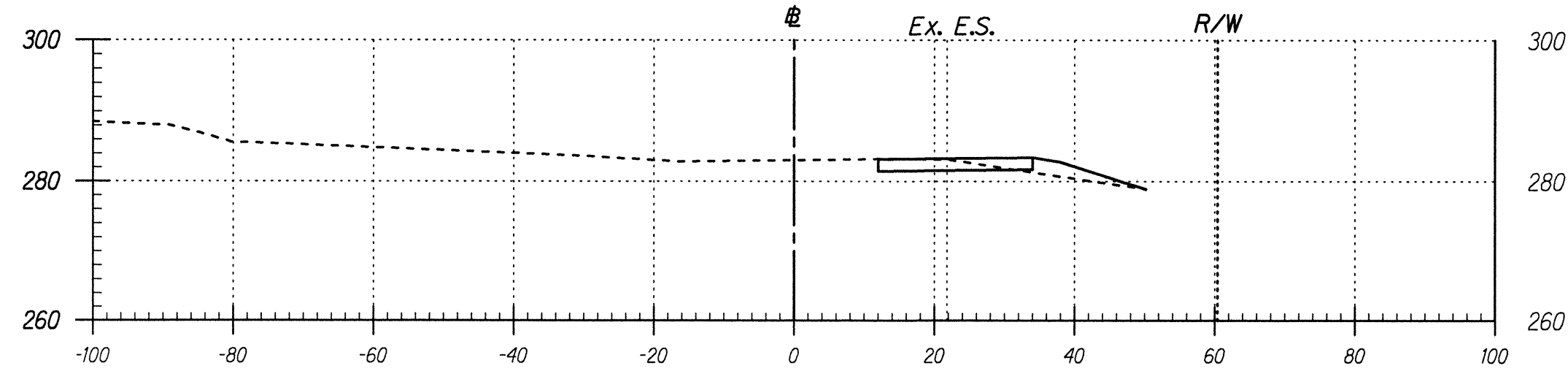
Volume Cut : 39.50
Volume Fill: 162.11



Area Cut : 19.29
Area Fill: 11.10

IBL 11 Sta. 1115+00

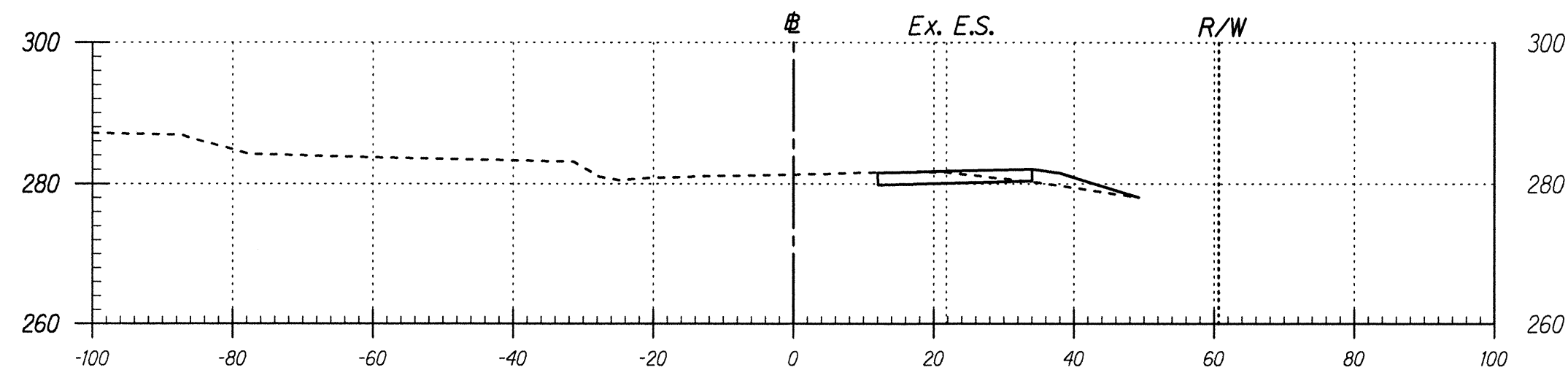
Volume Cut : 38.31
Volume Fill: 30.83



Area Cut : 22.08
Area Fill: 22.20

IBL 11 Sta. 1114+50

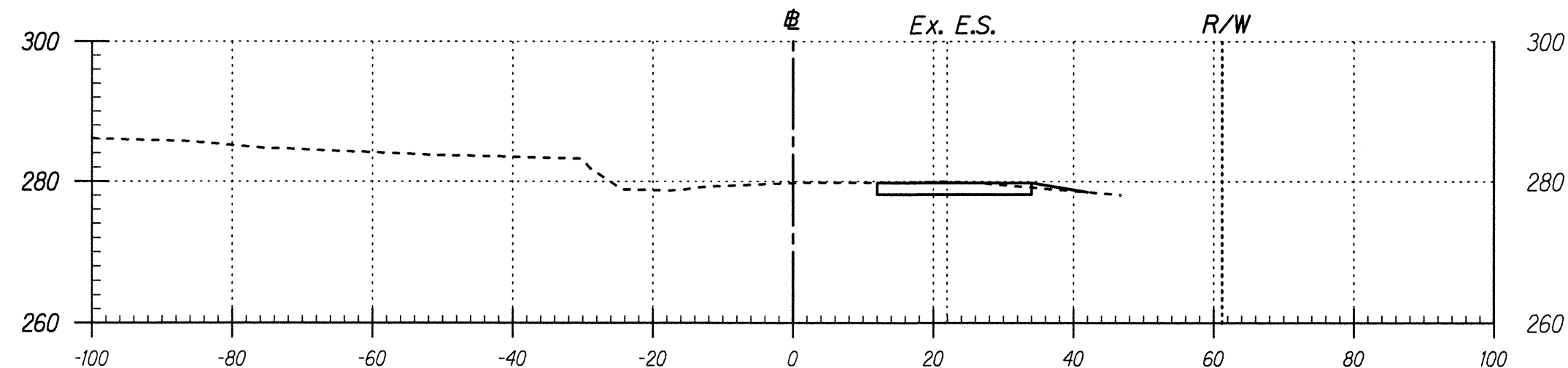
Volume Cut : 43.15
Volume Fill: 36.11



Area Cut : 24.52
Area Fill: 16.79

IBL 11 Sta. 1114+00

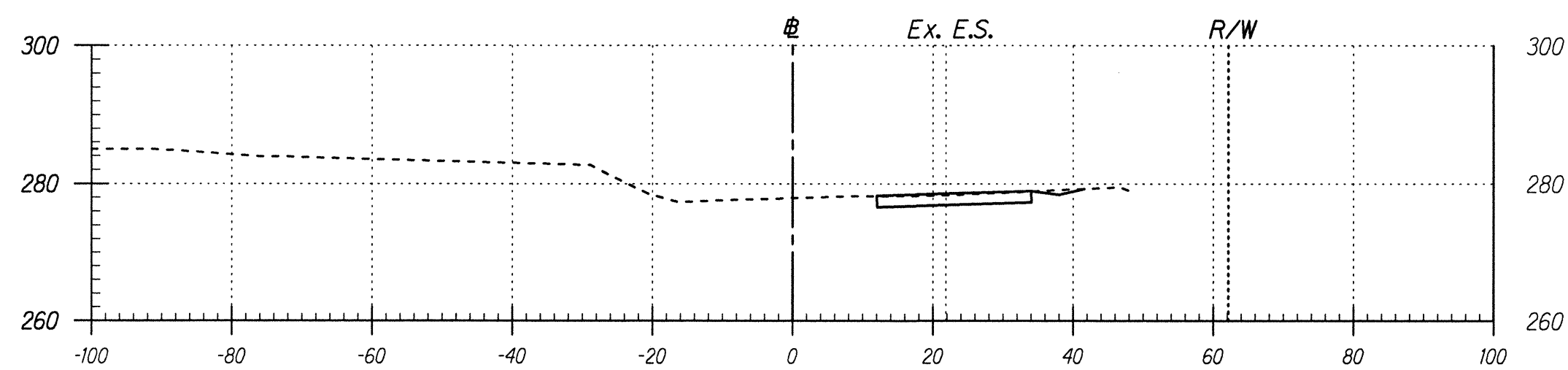
Volume Cut : 54.17
Volume Fill: 18.51



Area Cut : 33.99
Area Fill: 3.20

IBL 11 Sta. 1113+50

Volume Cut : 68.84
Volume Fill: 2.96

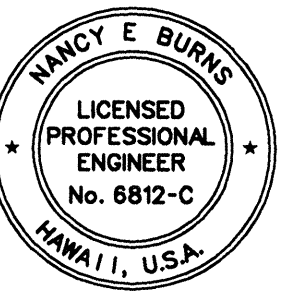


Area Cut : 40.36
Area Fill: 0.00

IBL 11 Sta. 1113+00

Volume Cut : 67.09
Volume Fill: 3.33

SURVEY PLANNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
DATE	



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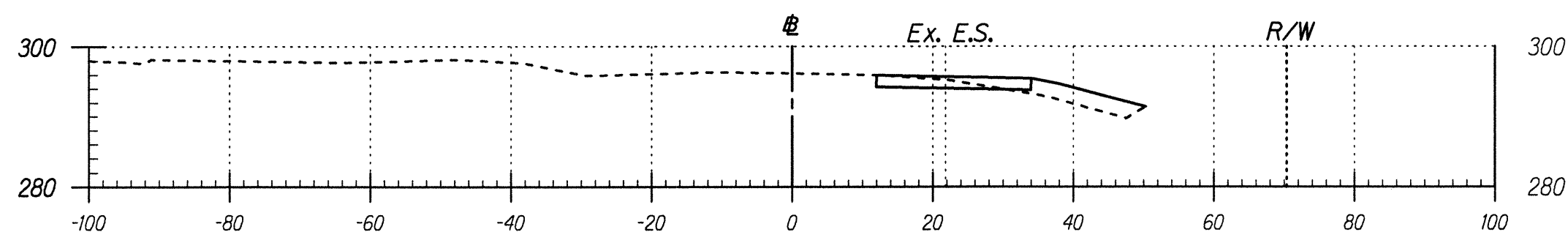
Nancy E. Burns

DATE: 8/24/98

Scale: 1" = 20' Date: August, 1998

SHEET No. 4 OF 11 SHEETS

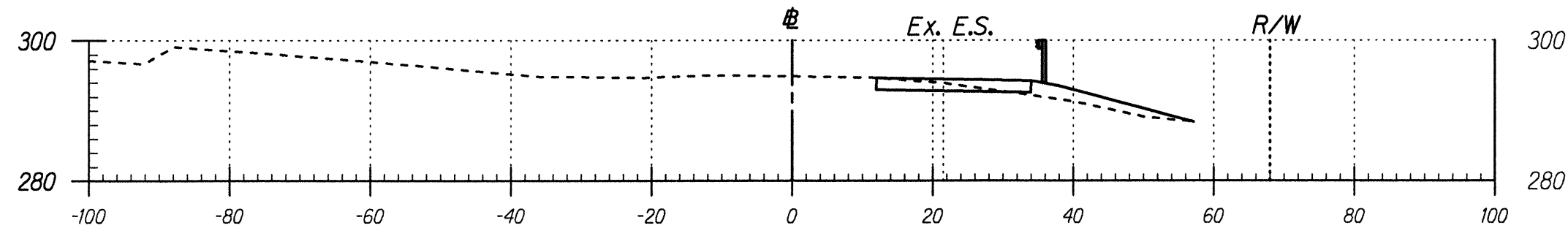
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	148	210



Area Cut : 18.88
Area Fill: 36.84

IBL 11 Sta. 1118+50

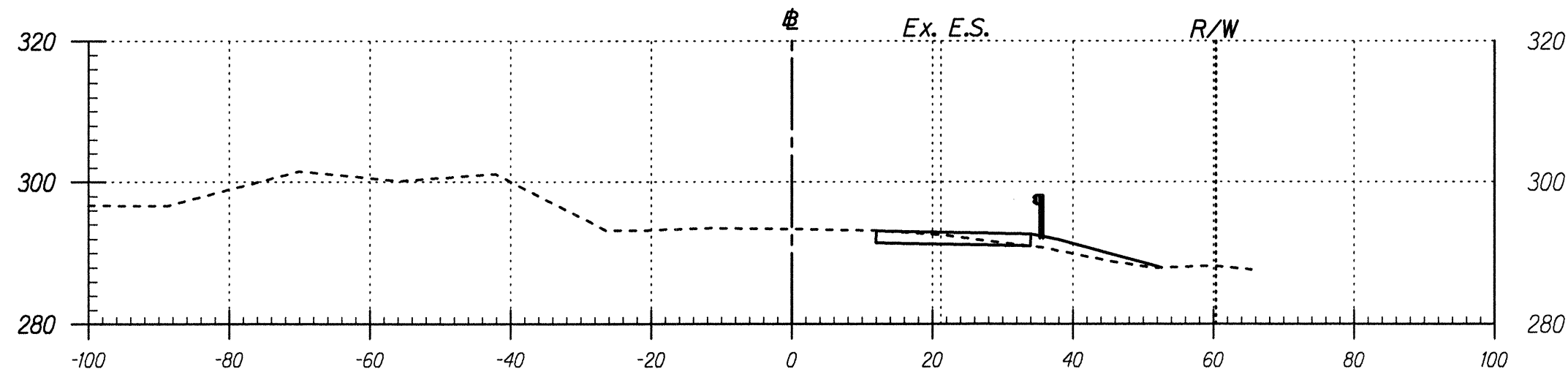
Volume Cut : 34.00
Volume Fill: 63.56



Area Cut : 17.84
Area Fill: 31.81

IBL 11 Sta. 1118+00

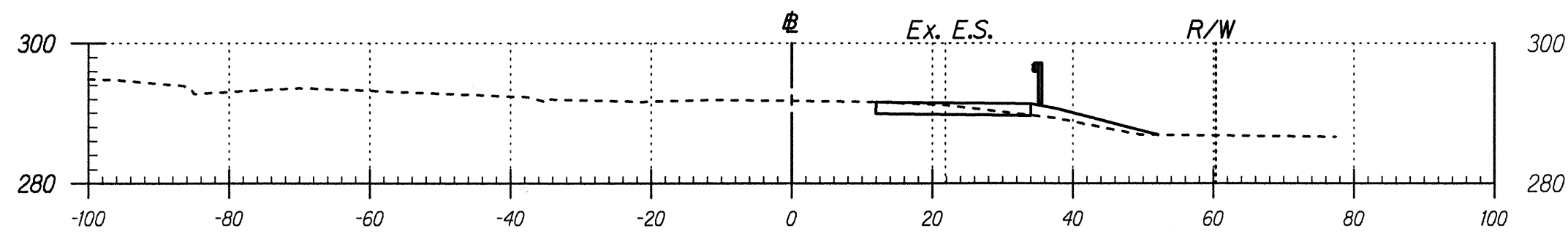
Volume Cut : 36.50
Volume Fill: 49.24



Area Cut : 21.58
Area Fill: 21.36

IBL 11 Sta. 1117+50

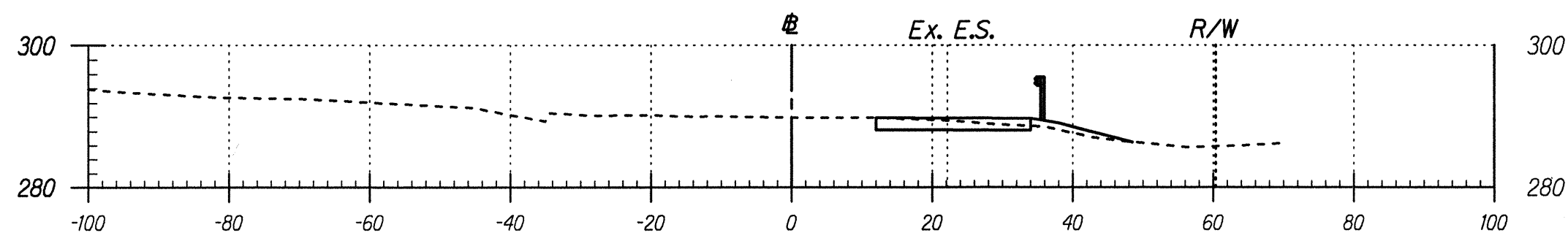
Volume Cut : 40.83
Volume Fill: 37.49



Area Cut : 22.52
Area Fill: 19.13

IBL 11 Sta. 1117+00

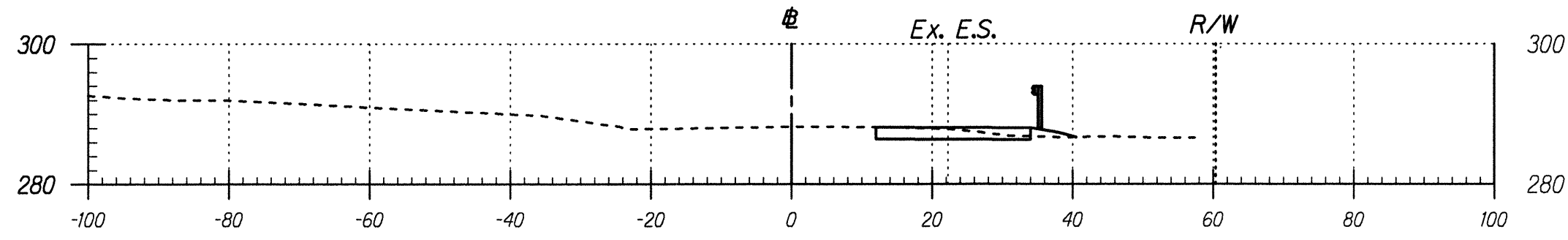
Volume Cut : 44.87
Volume Fill: 27.20



Area Cut : 25.94
Area Fill: 10.25

IBL 11 Sta. 1116+50

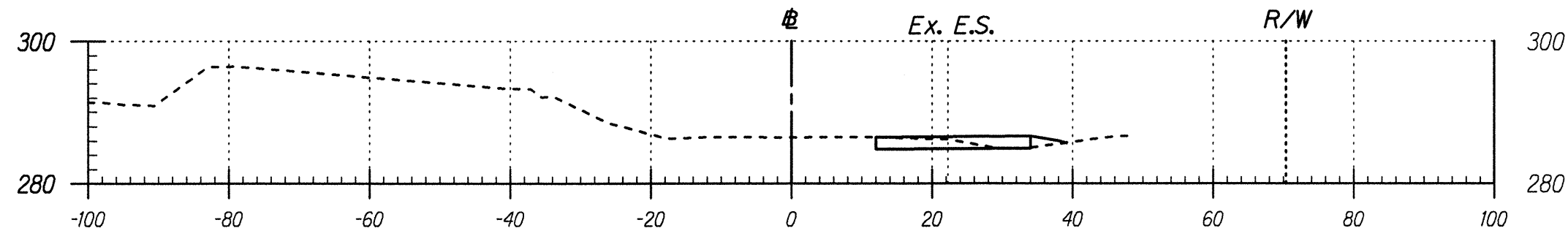
Volume Cut : 9.13
Volume Fill: 3.61



Area Cut : 25.90
Area Fill: 4.49

IBL 11 Sta. 1116+00

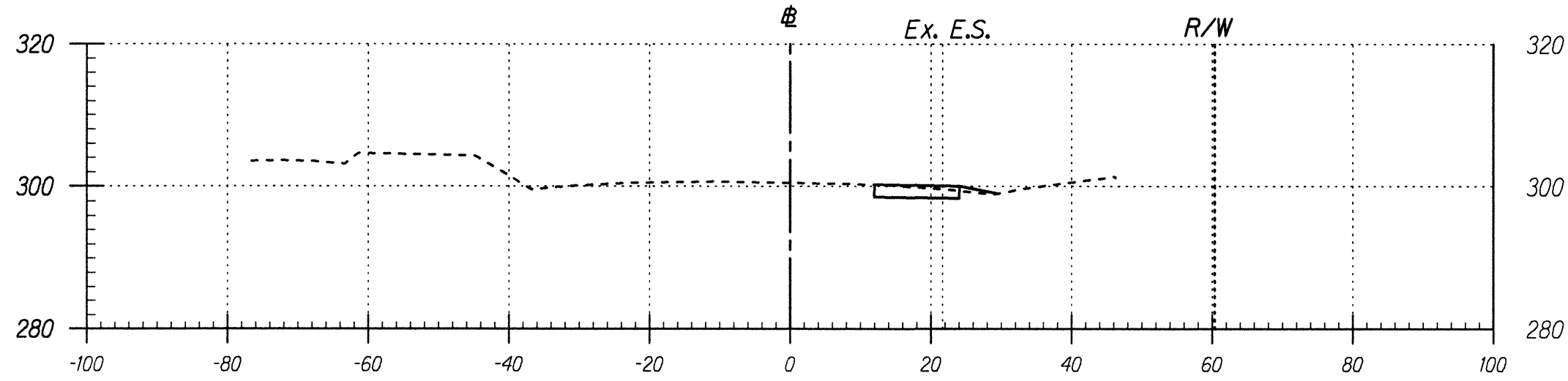
Volume Cut : 42.19
Volume Fill: 8.11



Area Cut : 19.67
Area Fill: 4.27

IBL 11 Sta. 1115+50

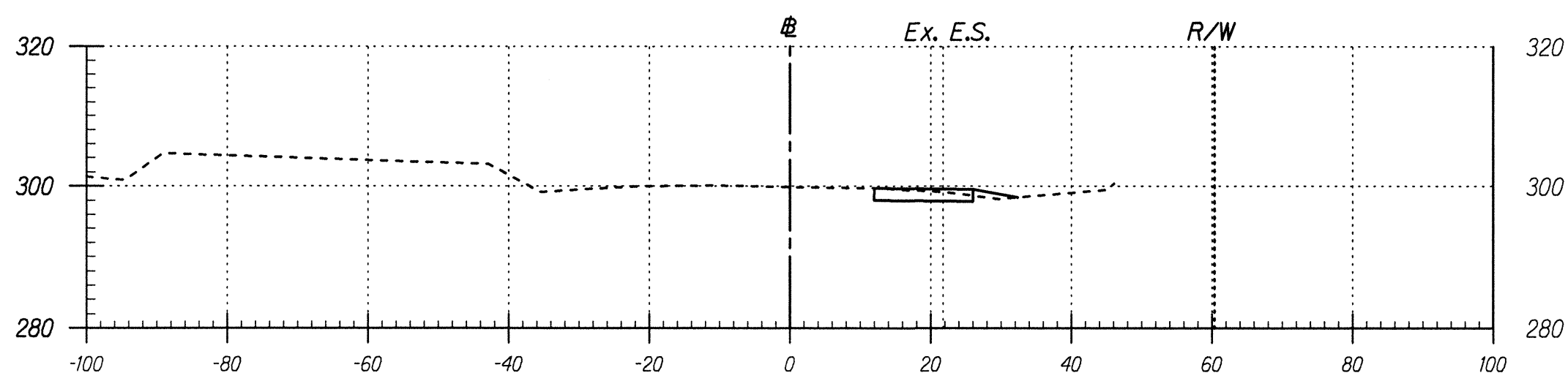
Volume Cut : 36.07
Volume Fill: 14.23



Area Cut : 16.25
Area Fill: 2.30

IBL 11 Sta. 1121+00

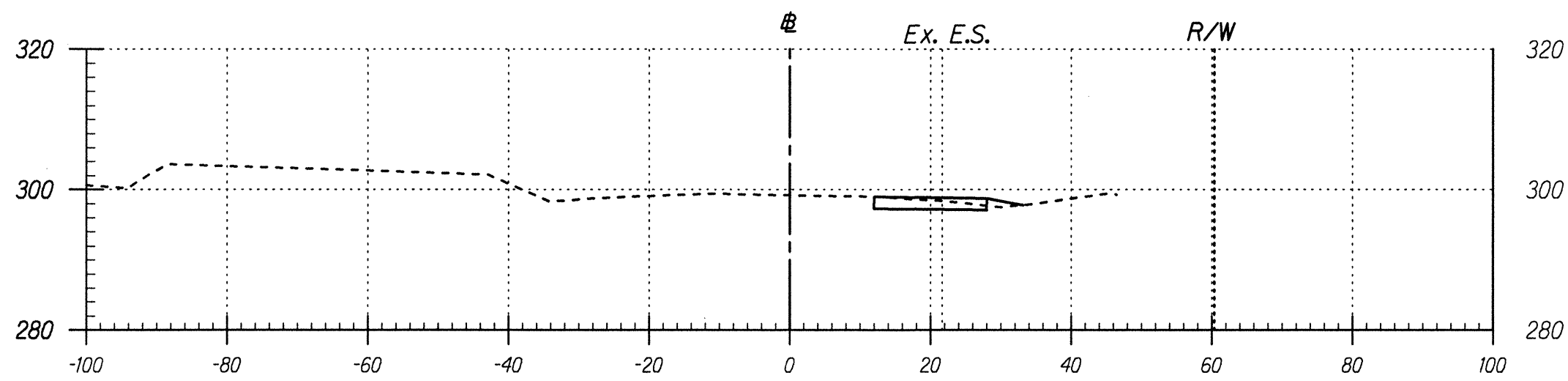
Volume Cut : 31.18
Volume Fill: 5.54



Area Cut : 17.43
Area Fill: 3.69

IBL 11 Sta. 1120+50

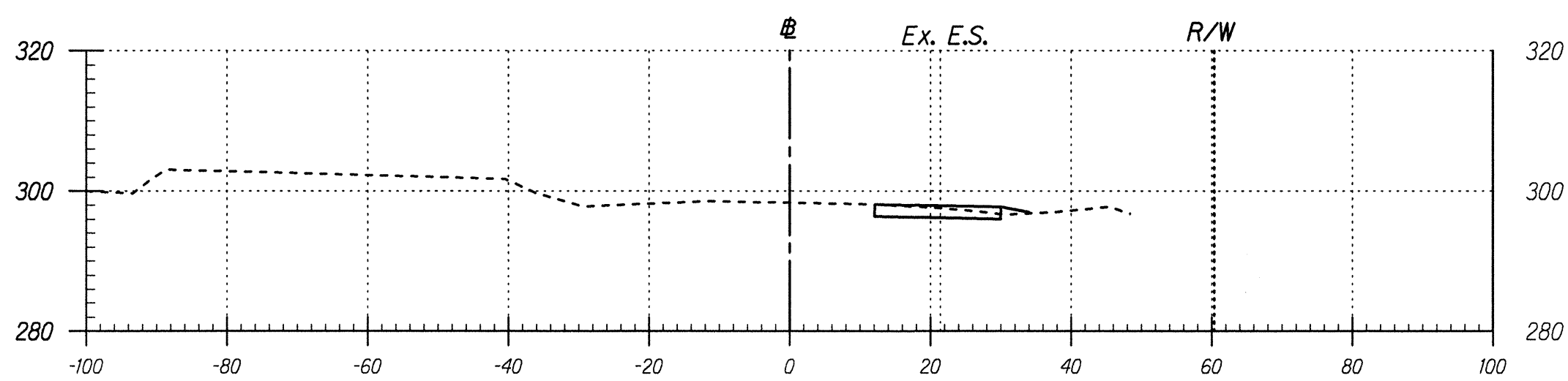
Volume Cut : 33.96
Volume Fill: 6.46



Area Cut : 19.25
Area Fill: 3.29

IBL 11 Sta. 1120+00

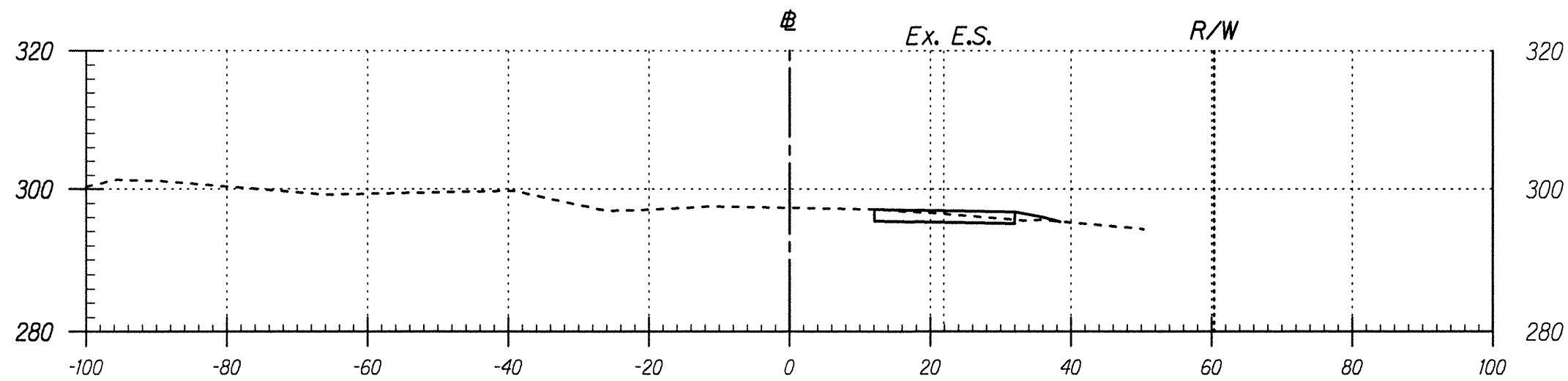
Volume Cut : 37.46
Volume Fill: 5.02



Area Cut : 21.20
Area Fill: 2.14

IBL 11 Sta. 1119+50

Volume Cut : 41.08
Volume Fill: 5.61



Area Cut : 23.16
Area Fill: 3.92

IBL 11 Sta. 1119+00

Volume Cut : 38.93
Volume Fill: 37.74

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
IBL-stadyn	

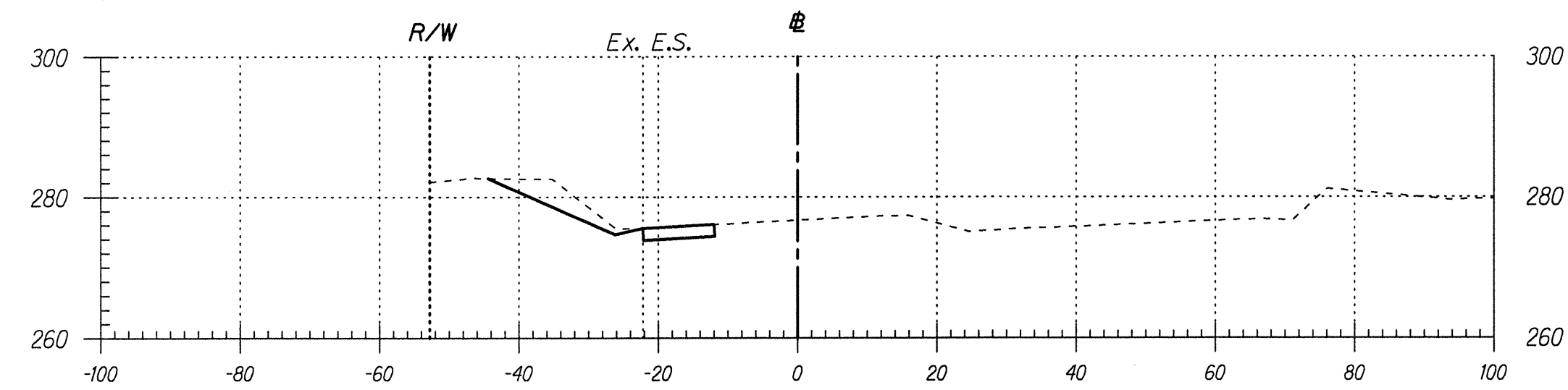


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Nancy E. Burns
DATE: 8/24/98

Scale: 1" = 20' Date: August, 1998
SHEET No. 5 OF 11 SHEETS

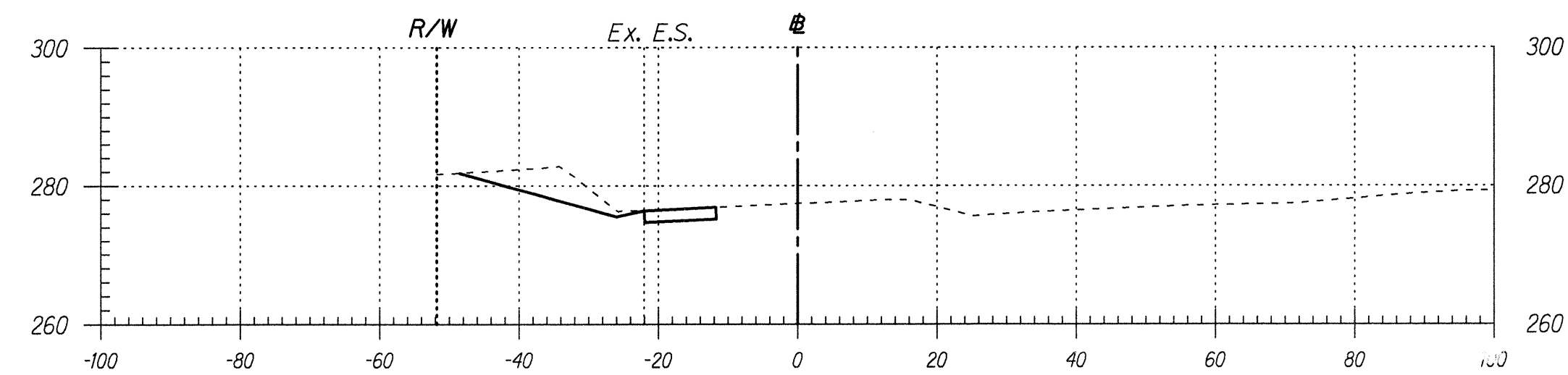
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	150	210



Area Cut : 57.58
Area Fill: 0.00

OBL 11 Sta. 1095+00

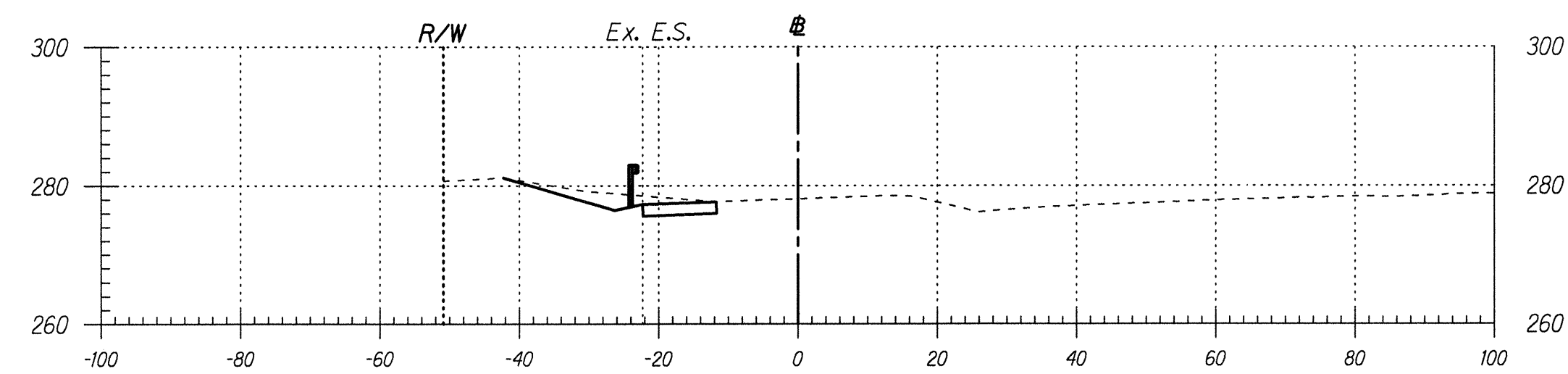
Volume Cut : 116.36
Volume Fill: 0.00



Area Cut : 68.09
Area Fill: 0.00

OBL 11 Sta. 1094+50

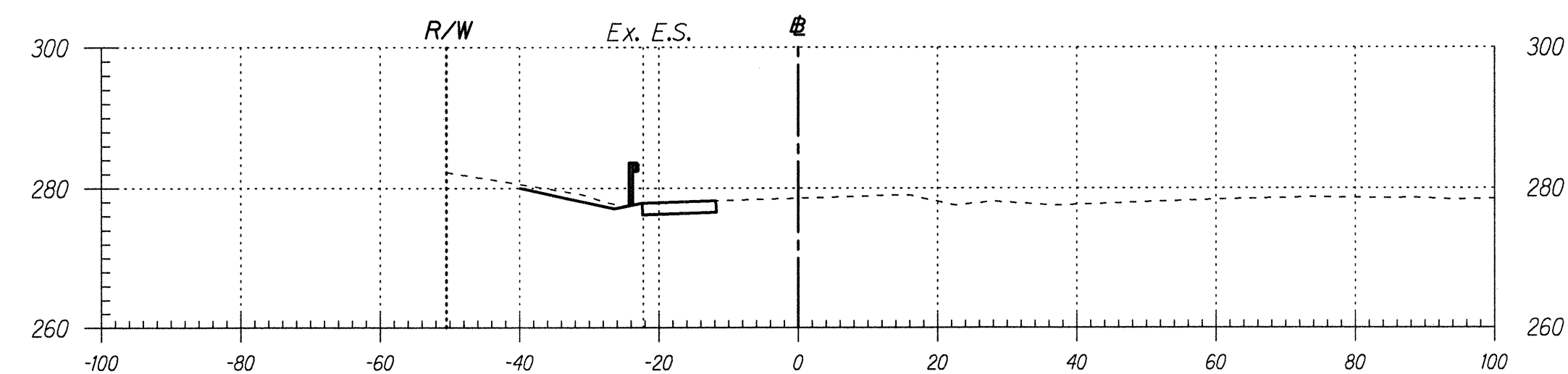
Volume Cut : 121.44
Volume Fill: 0.00



Area Cut : 63.06
Area Fill: 0.00

OBL 11 Sta. 1094+00

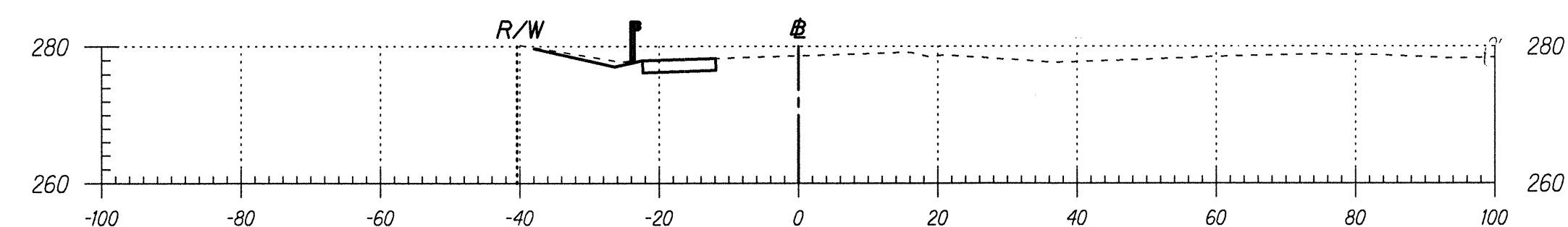
Volume Cut : 74.94
Volume Fill: 0.00



Area Cut : 38.11
Area Fill: 0.00

OBL 11 Sta. 1093+60

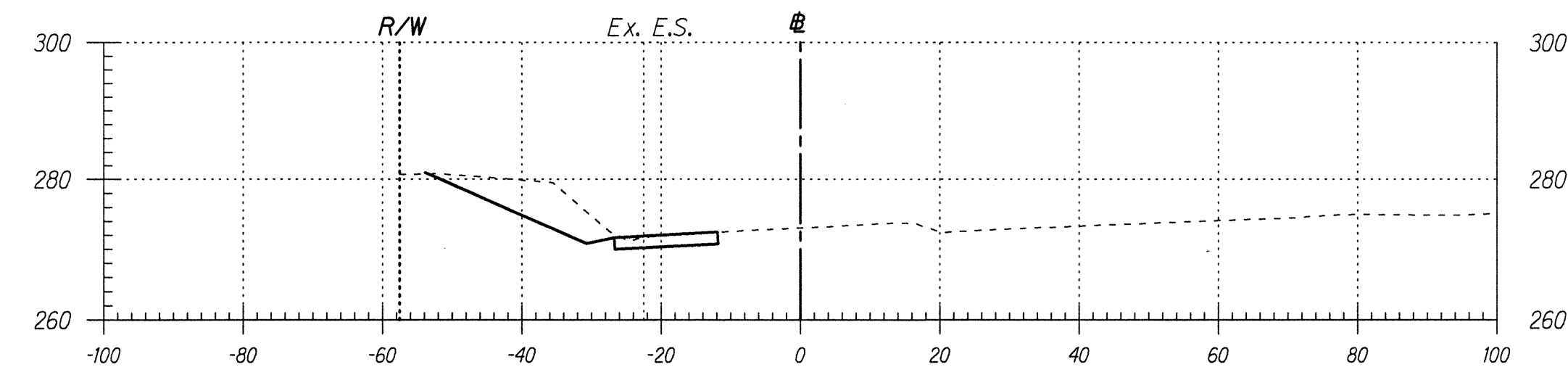
Volume Cut : 11.84
Volume Fill: 0.00



Area Cut : 28.51
Area Fill: 0.00

OBL 11 Sta. 1093+50

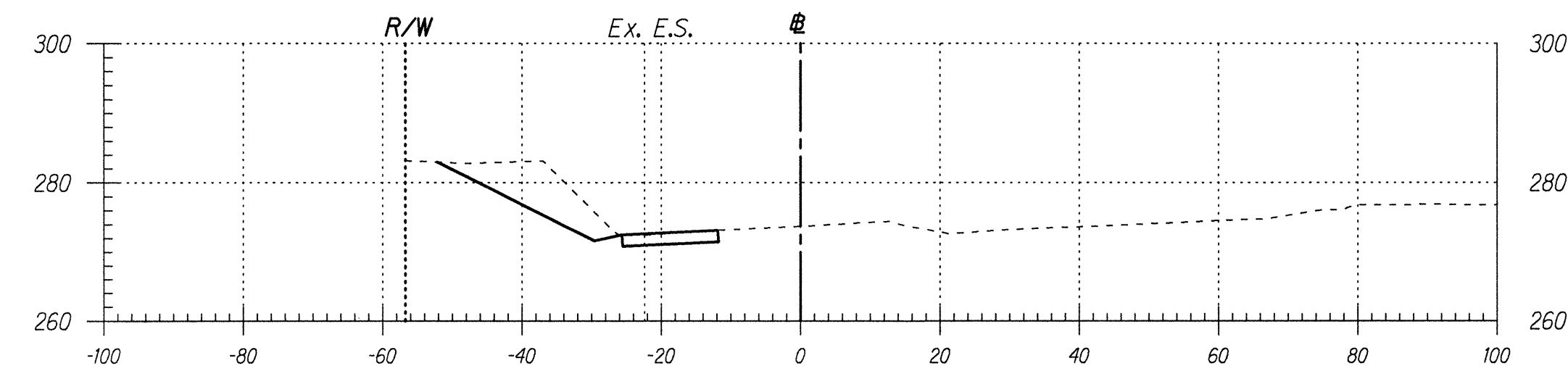
Volume Cut : 23.90
Volume Fill: 0.00



Area Cut : 94.50
Area Fill: 0.00

OBL 11 Sta. 1097+50

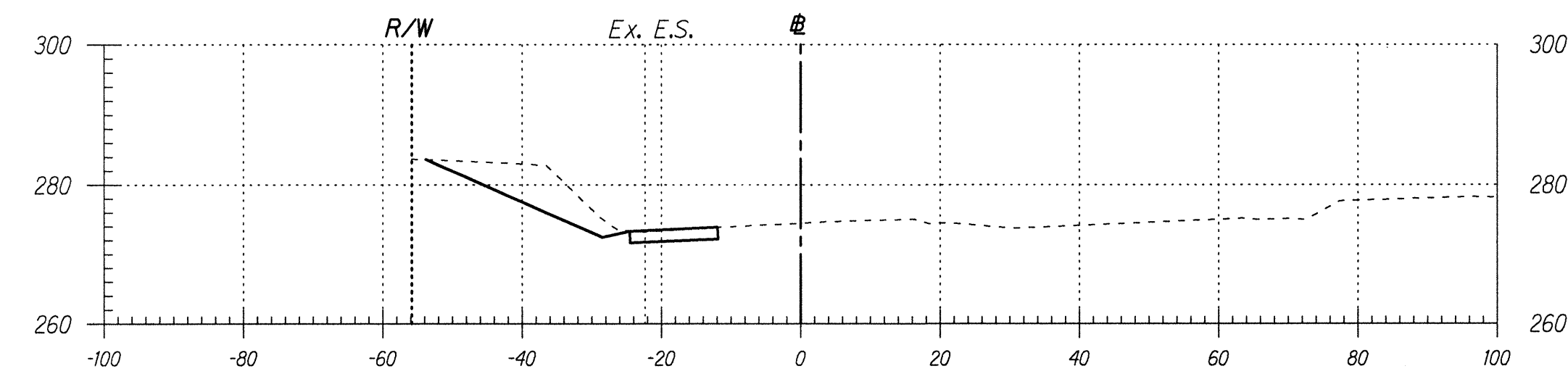
Volume Cut : 204.45
Volume Fill: 0.00



Area Cut : 126.31
Area Fill: 0.00

OBL 11 Sta. 1097+00

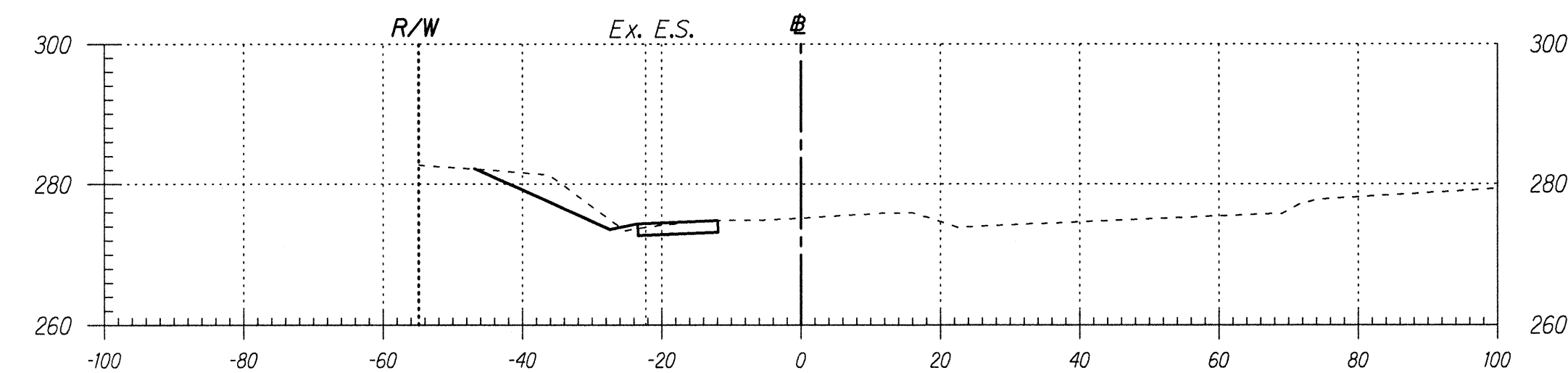
Volume Cut : 234.25
Volume Fill: 0.00



Area Cut : 126.68
Area Fill: 0.00

OBL 11 Sta. 1096+50

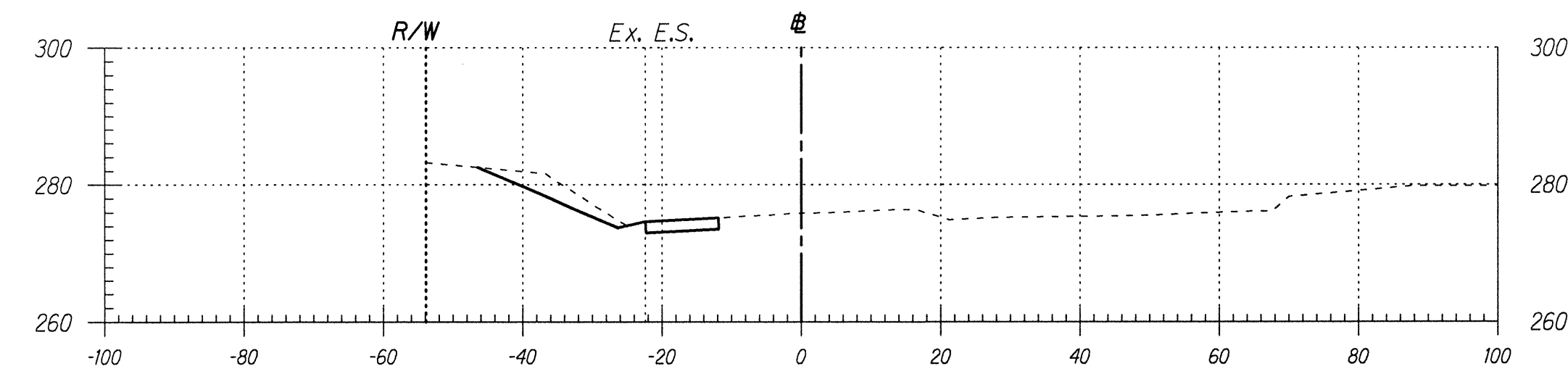
Volume Cut : 224.25
Volume Fill: 0.00



Area Cut : 115.51
Area Fill: 0.00

OBL 11 Sta. 1096+00

Volume Cut : 183.81
Volume Fill: 0.00

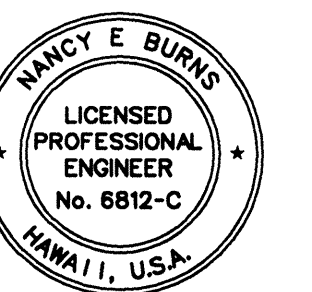


Area Cut : 83.01
Area Fill: 0.00

OBL 11 Sta. 1095+50

Volume Cut : 130.18
Volume Fill: 0.00

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
BY	



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Nancy E. Burns

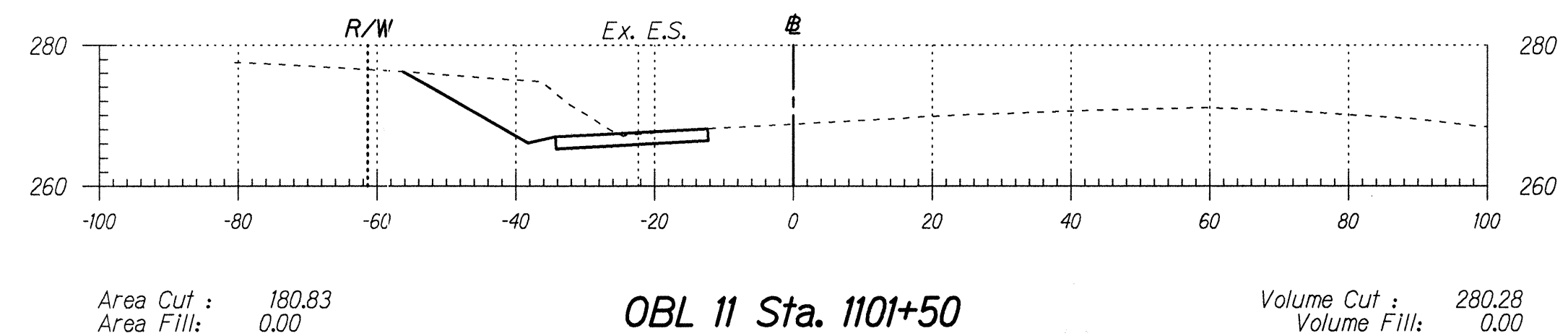
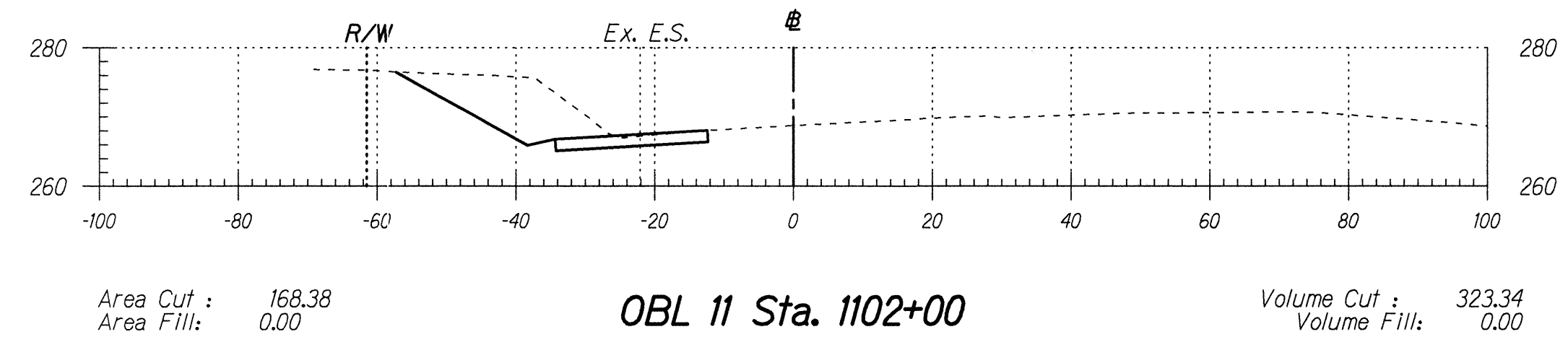
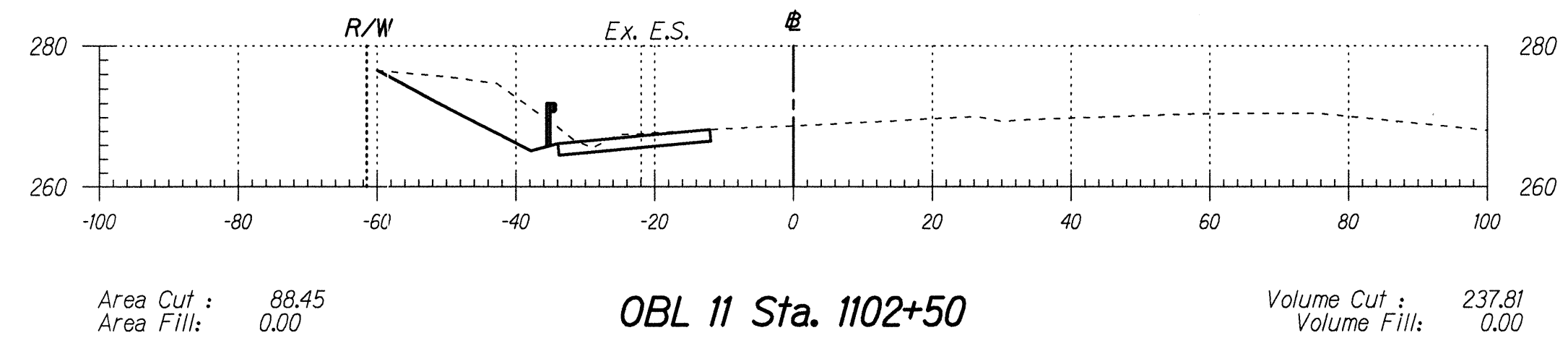
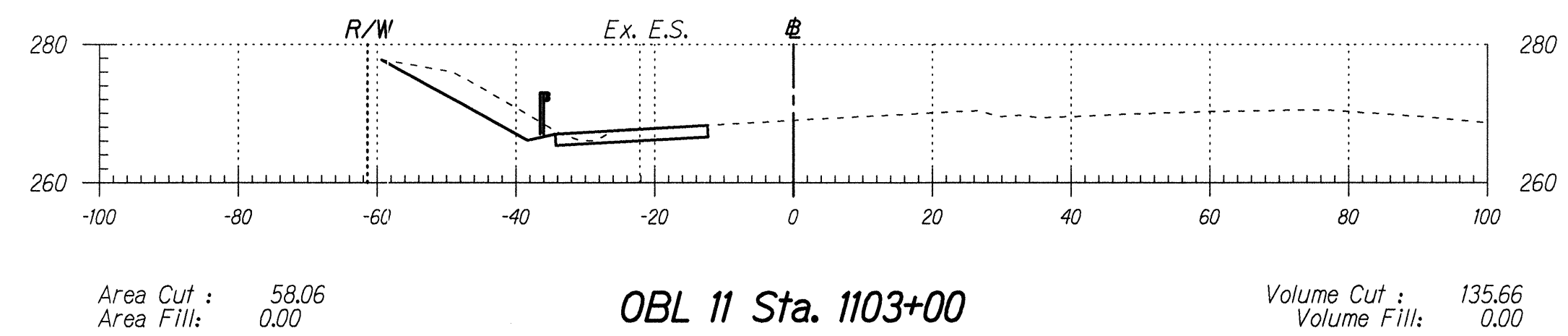
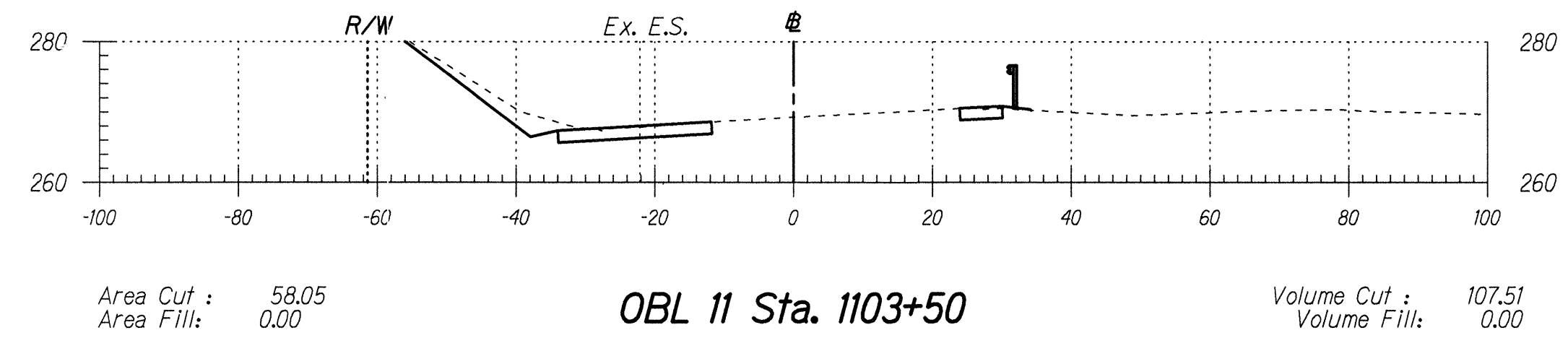
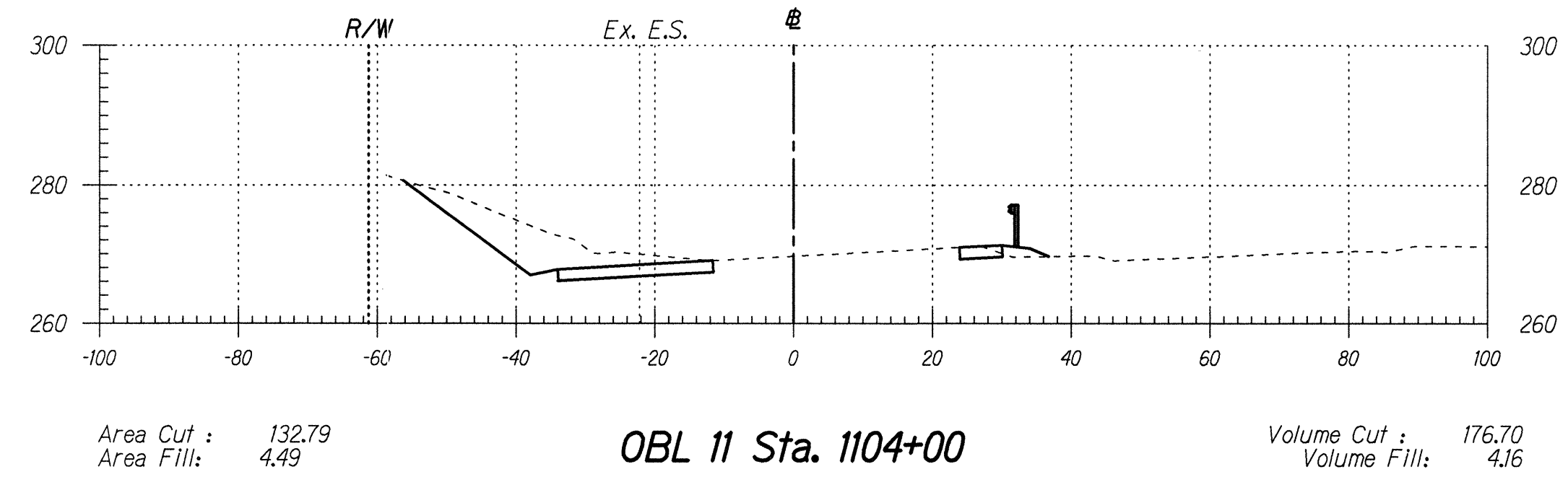
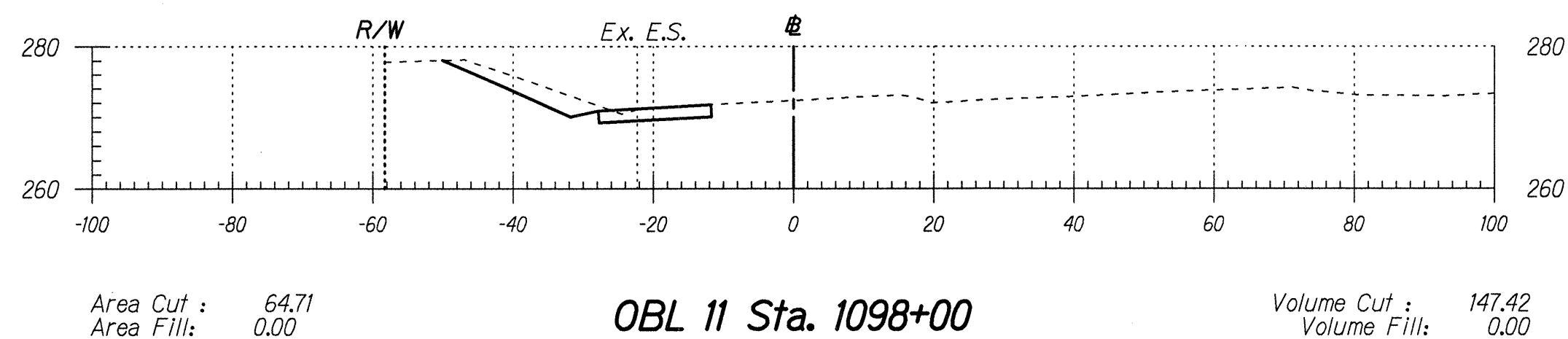
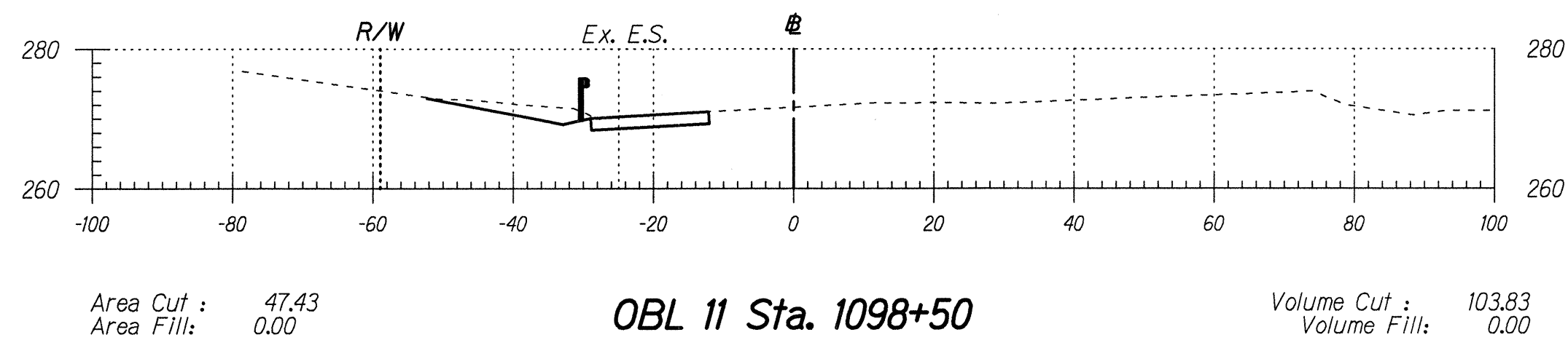
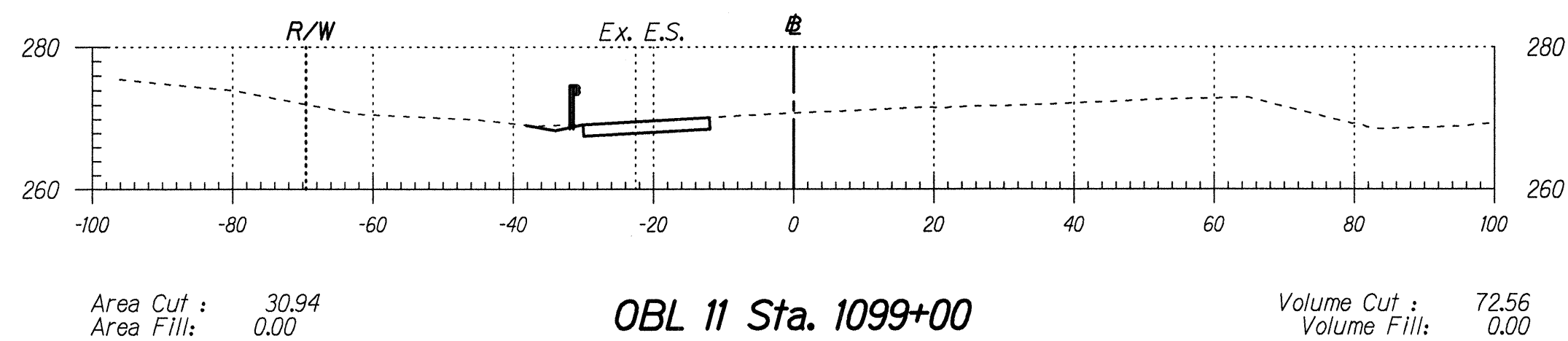
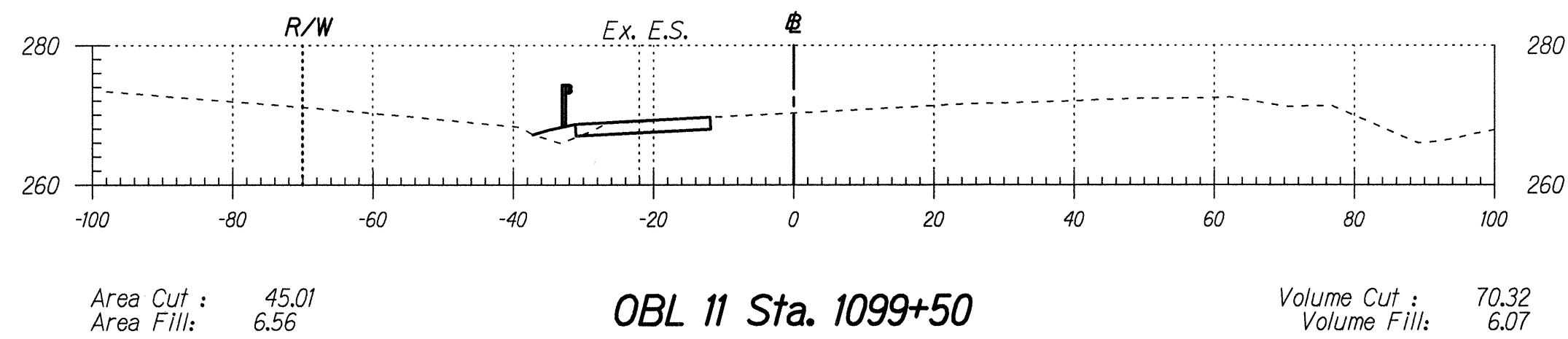
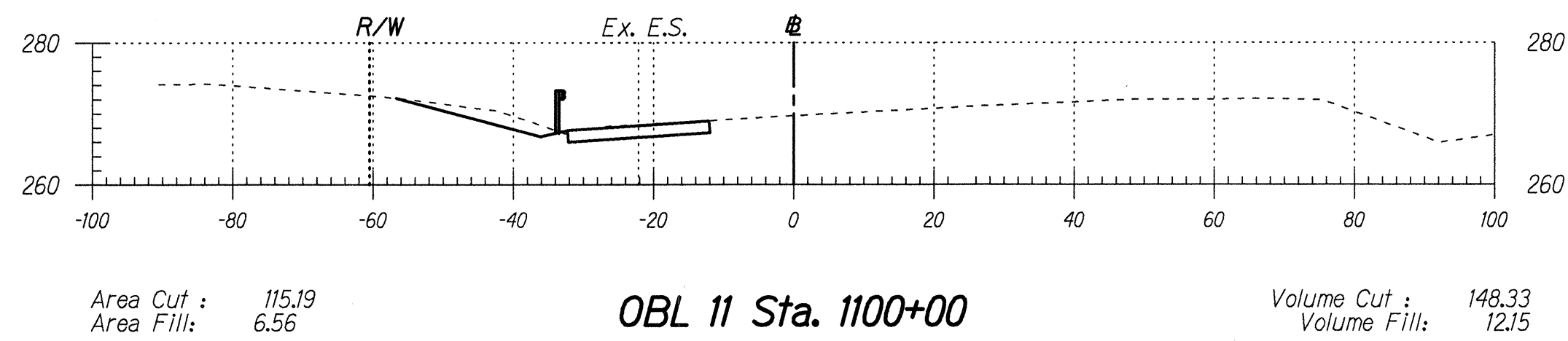
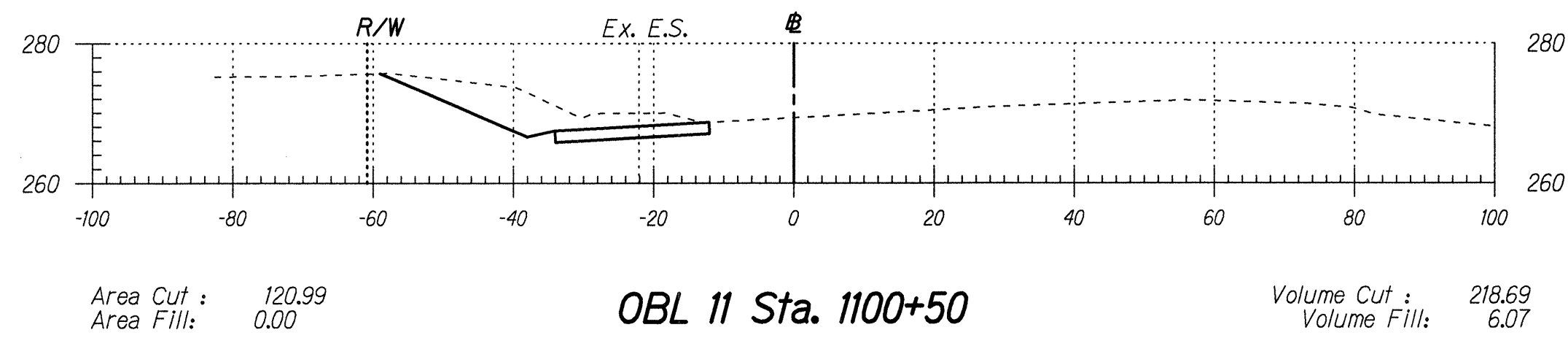
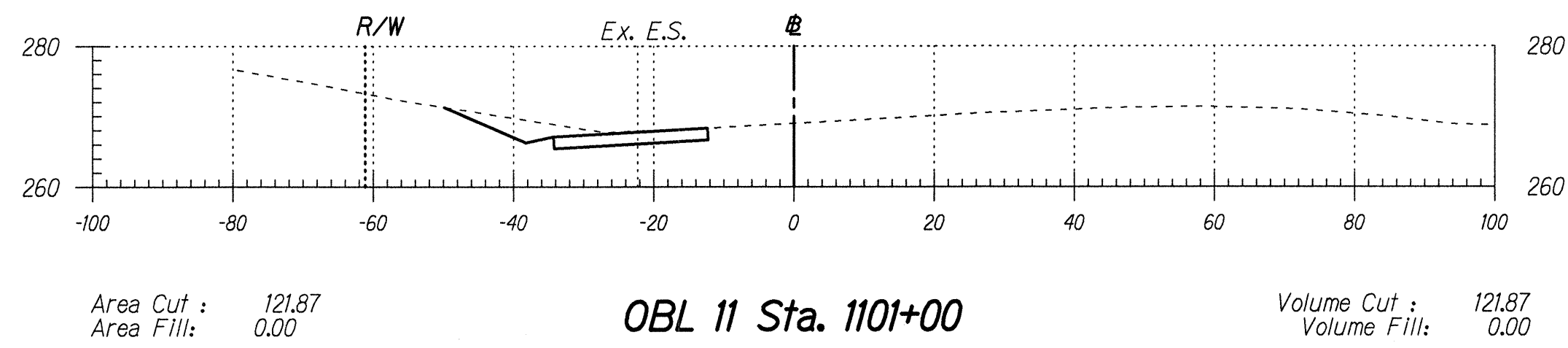
DATE: 8/29/98

Scale: 1" = 20'

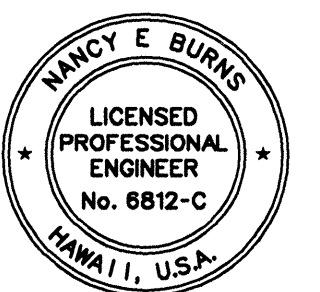
Date: August, 1998

SHEET No. 7 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	151	210



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	CHECKED BY	
	QUANTITIES BY	
	CHECKED BY	

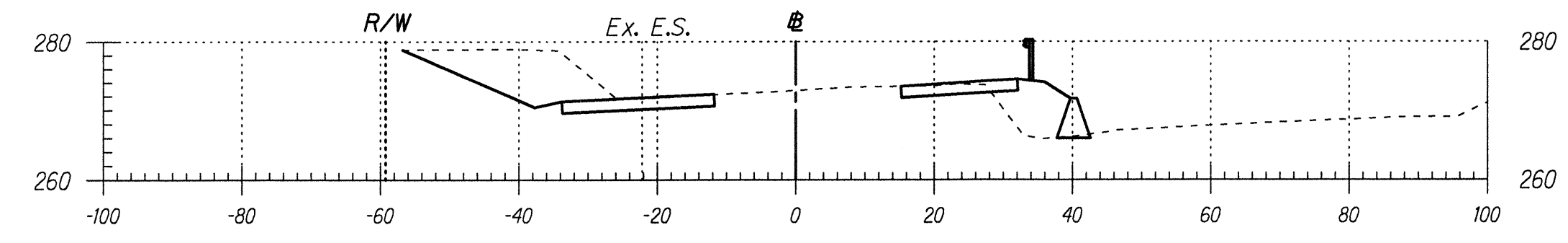


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Nancy E. Burns
DATE: 8/24/98

Scale: 1" = 20' Date: August, 1998
SHEET No. 8 OF 11 SHEETS

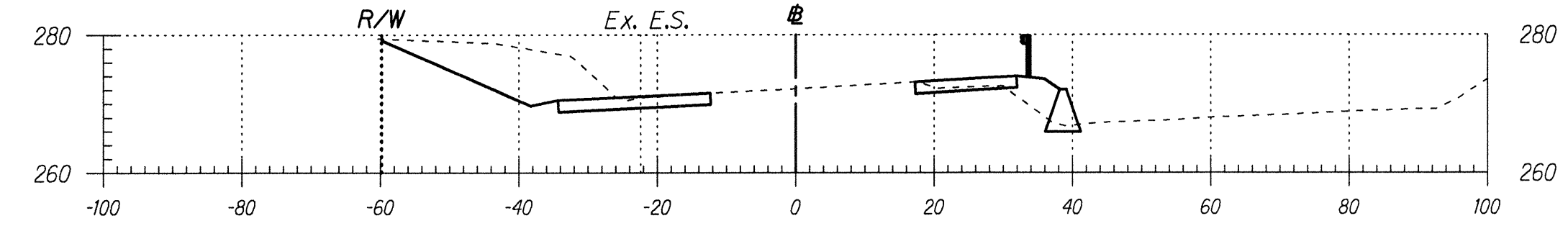
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	152	210



Area Cut : 197.33
Area Fill: 61.00

OBL 11 Sta. 1106+50

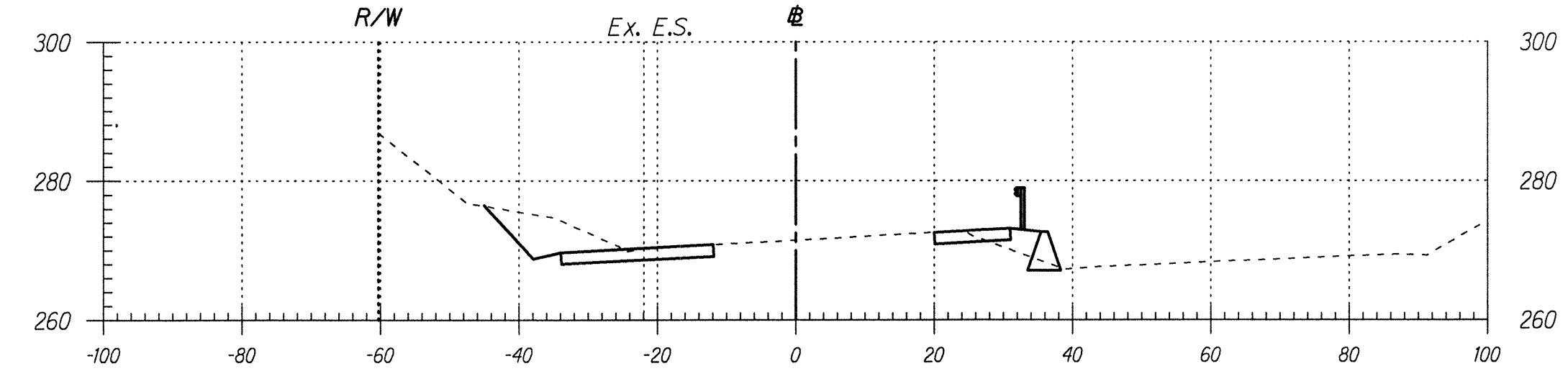
Volume Cut : 327.59
Volume Fill: 77.32



Area Cut : 156.47
Area Fill: 22.51

OBL 11 Sta. 1106+00

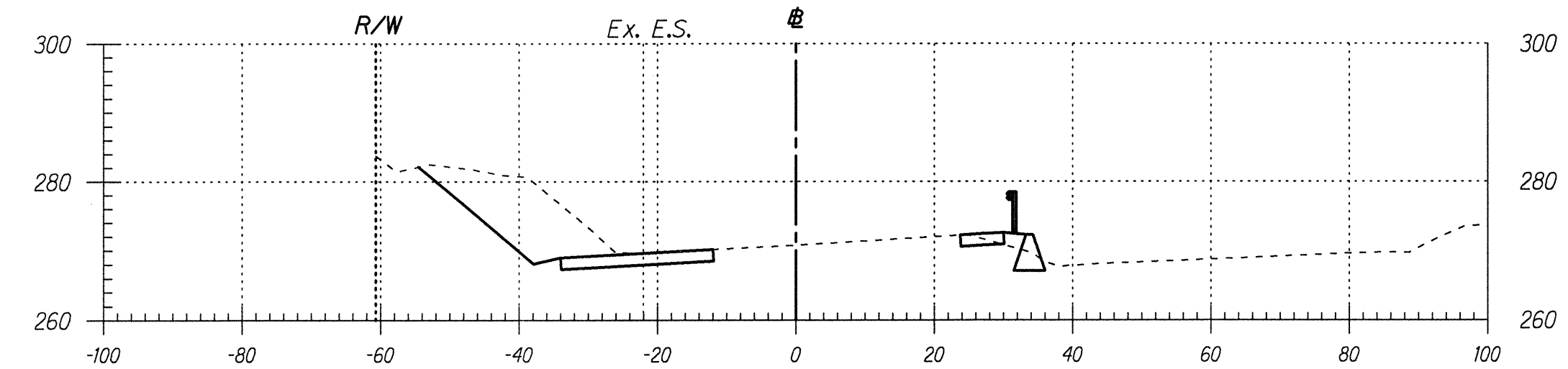
Volume Cut : 296.09
Volume Fill: 196.21



Area Cut : 163.31
Area Fill: 189.40

OBL 11 Sta. 1105+50

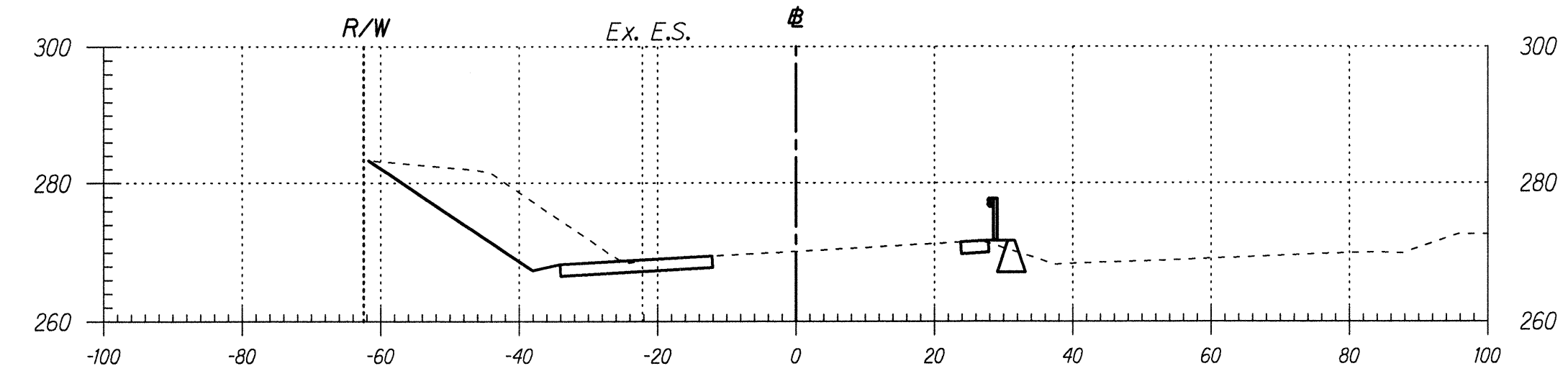
Volume Cut : 369.52
Volume Fill: 184.38



Area Cut : 235.77
Area Fill: 29.74

OBL 11 Sta. 1105+00

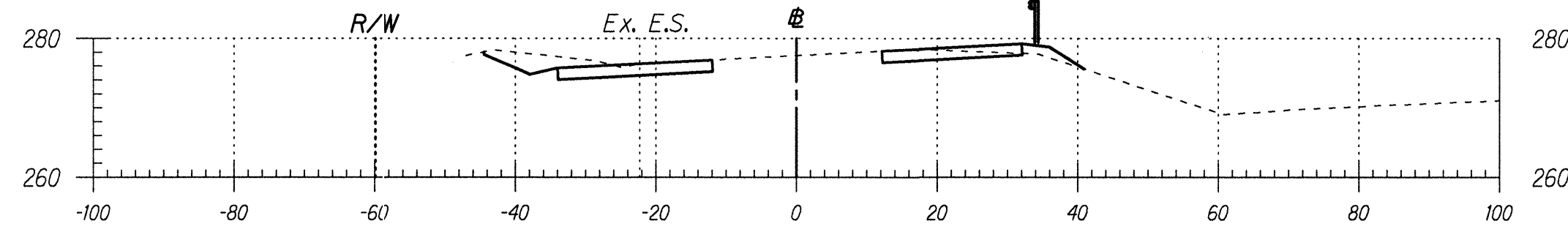
Volume Cut : 420.40
Volume Fill: 41.69



Area Cut : 218.26
Area Fill: 15.29

OBL 11 Sta. 1104+50

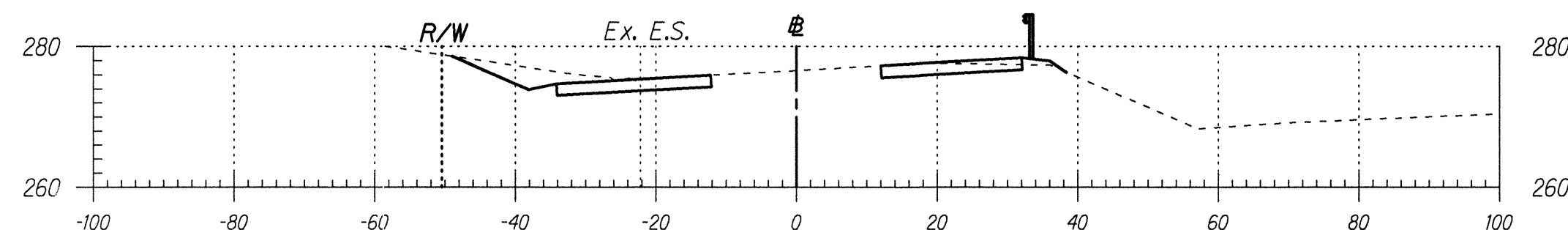
Volume Cut : 332.05
Volume Fill: 41.69



Area Cut : 91.41
Area Fill: 14.42

OBL 11 Sta. 1109+50

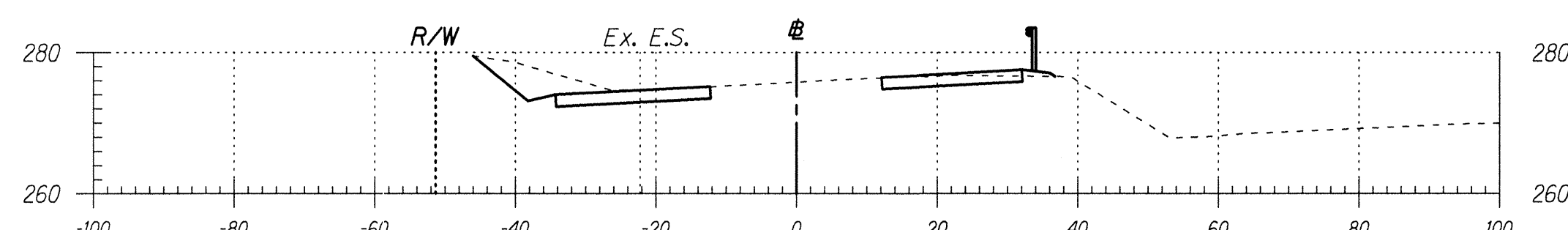
Volume Cut : 182.68
Volume Fill: 22.14



Area Cut : 105.88
Area Fill: 9.43

OBL 11 Sta. 1109+00

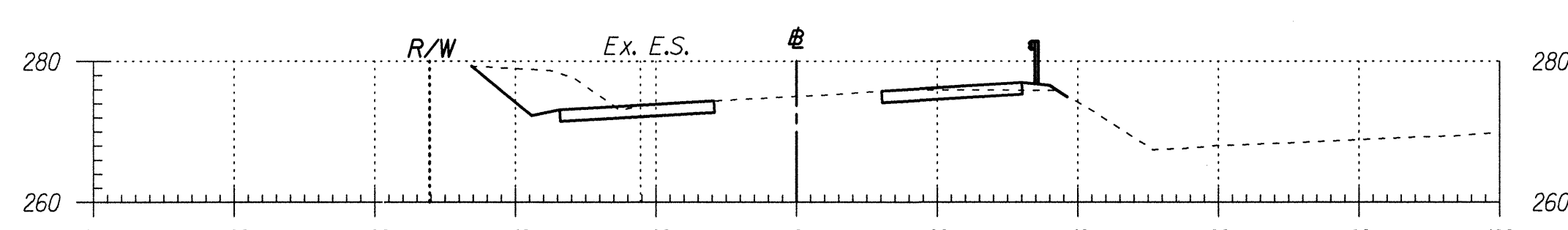
Volume Cut : 211.22
Volume Fill: 17.54



Area Cut : 122.24
Area Fill: 9.45

OBL 11 Sta. 1108+50

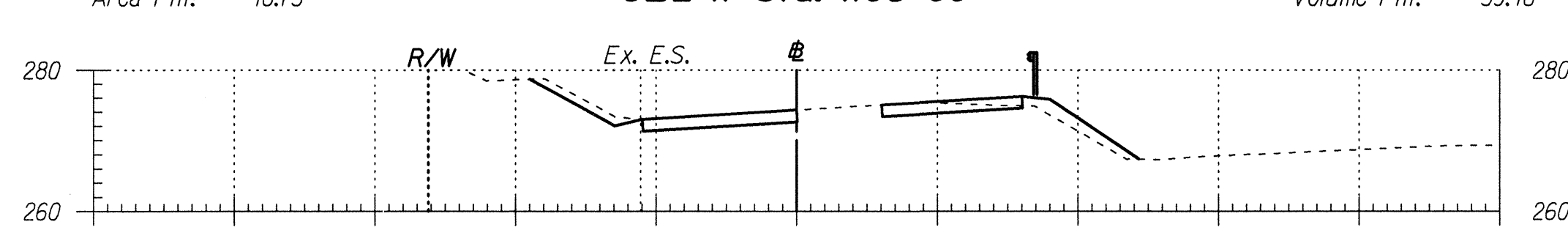
Volume Cut : 209.06
Volume Fill: 24.24



Area Cut : 103.54
Area Fill: 16.73

OBL 11 Sta. 1108+00

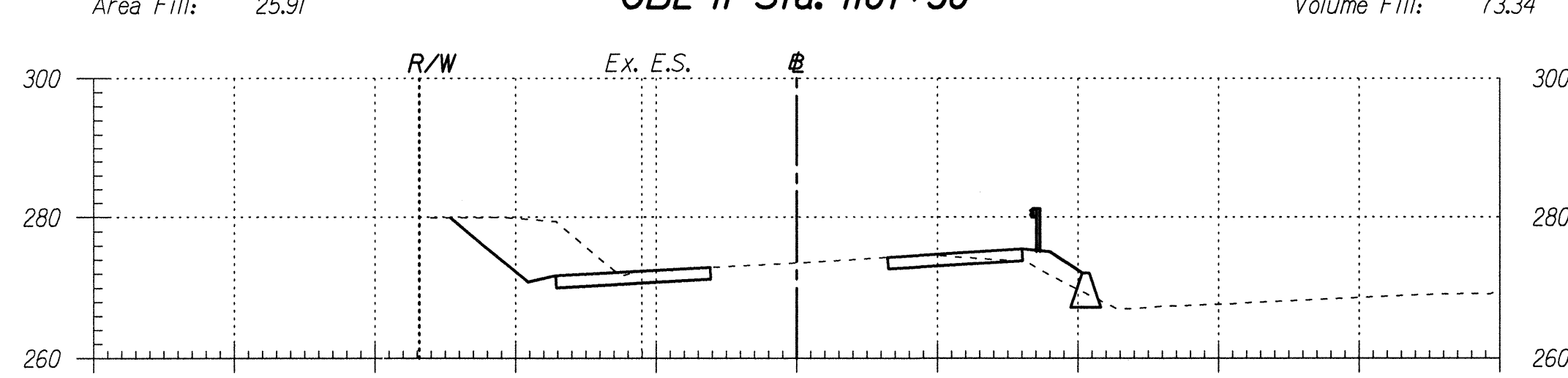
Volume Cut : 210.80
Volume Fill: 39.48



Area Cut : 124.12
Area Fill: 25.91

OBL 11 Sta. 1107+50

Volume Cut : 283.51
Volume Fill: 73.34

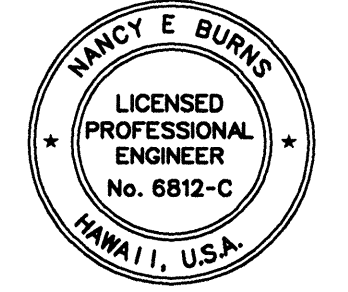


Area Cut : 182.07
Area Fill: 53.30

OBL 11 Sta. 1107+00

Volume Cut : 351.30
Volume Fill: 105.83

ORIGINAL PLAN	SURVEY PLATTED BY	DATE
TRACED BY		
NOTE BOOK		
DESIGNED BY		
QUANTITIES BY		
CHECKED BY		



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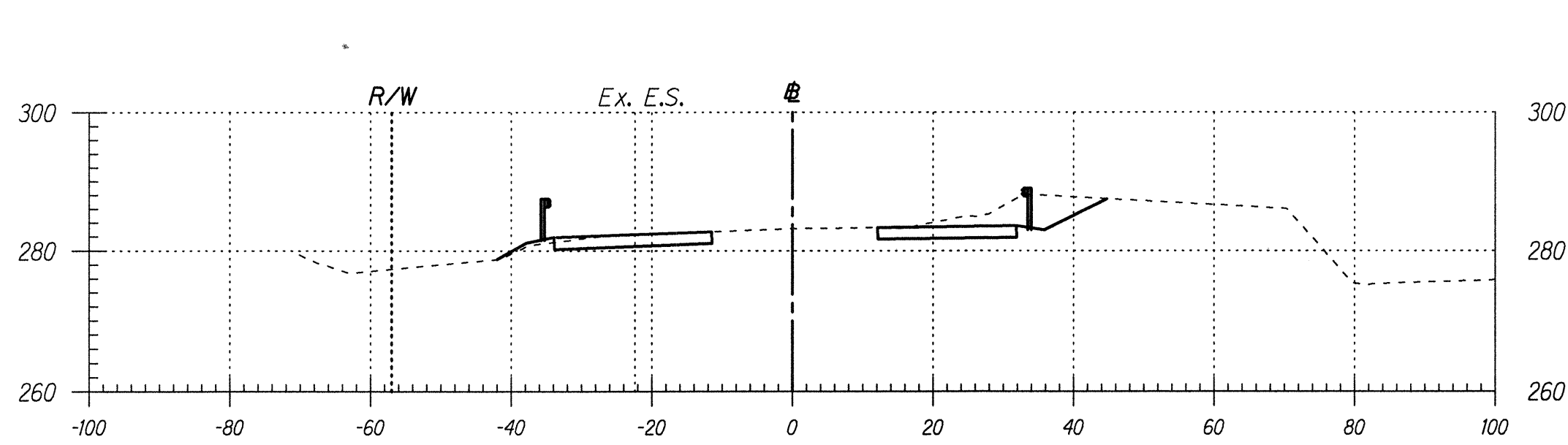
Nancy E. Burns

DATE: 8/24/98

Scale: 1" = 20' Date: August, 1998

SHEET No. 9 OF 11 SHEETS

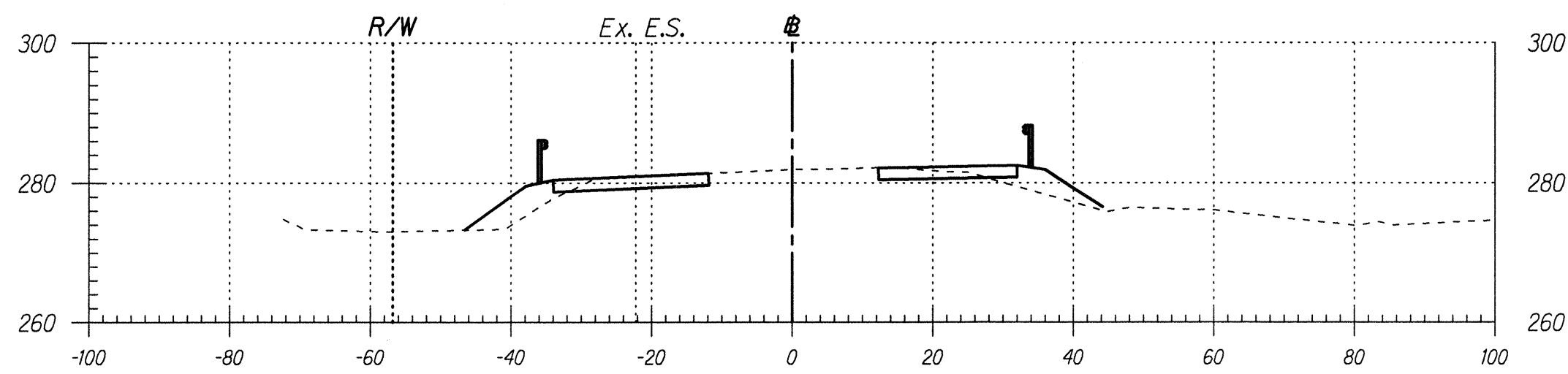
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	153	210



Area Cut : 89.77
Area Fill: 37.69

OBL 11 Sta. 1112+00

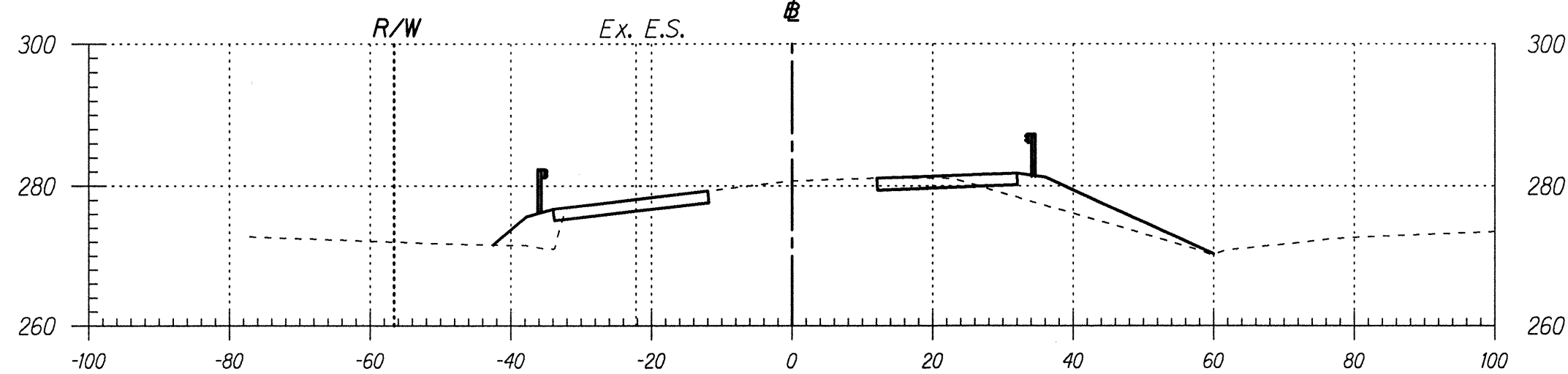
Volume Cut : 130.24
Volume Fill: 114.12



Area Cut : 50.89
Area Fill: 85.56

OBL 11 Sta. 1111+50

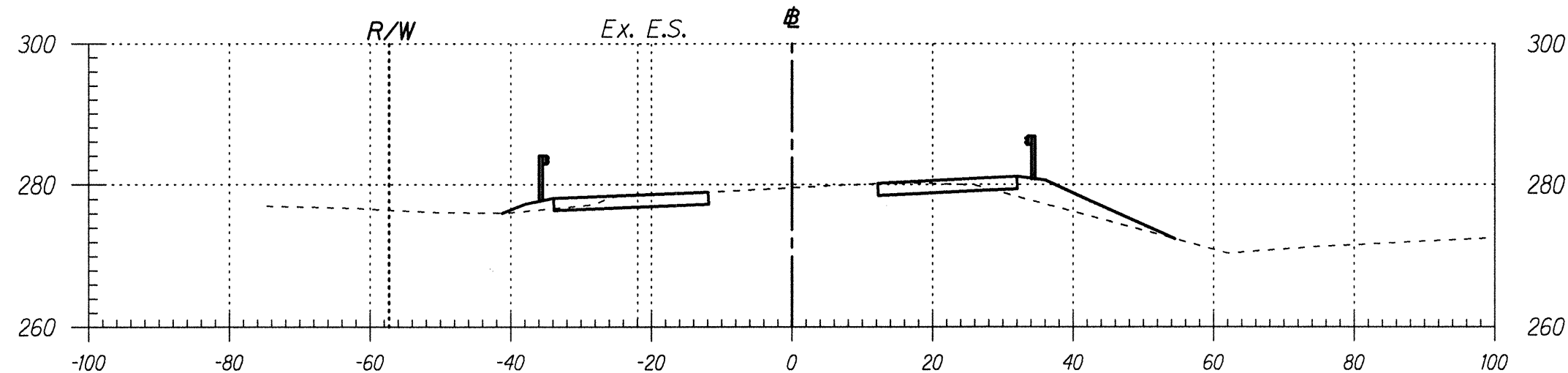
Volume Cut : 92.95
Volume Fill: 148.45



Area Cut : 49.50
Area Fill: 74.77

OBL 11 Sta. 1111+00

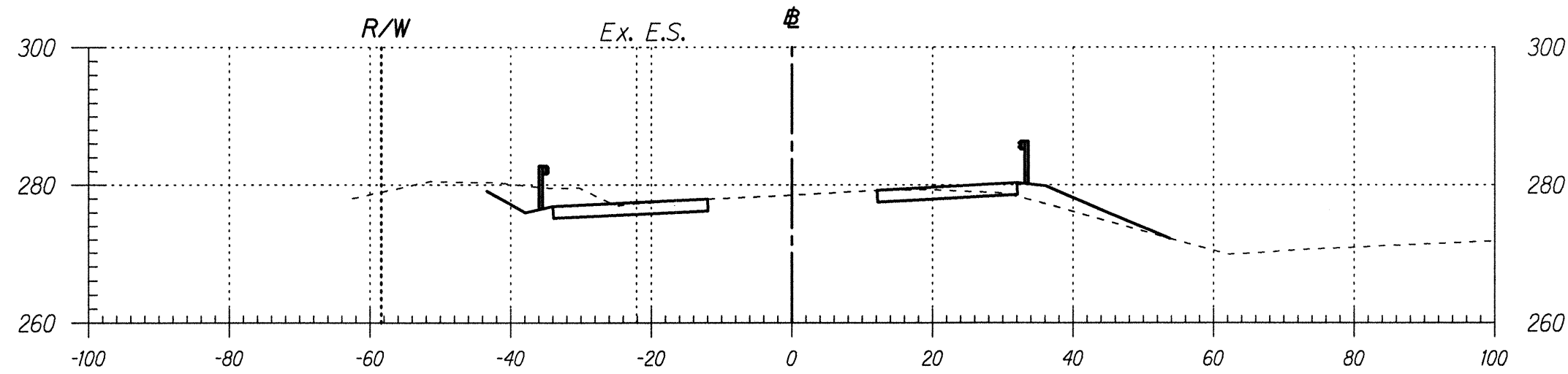
Volume Cut : 114.70
Volume Fill: 107.94



Area Cut : 74.38
Area Fill: 41.80

OBL 11 Sta. 1110+50

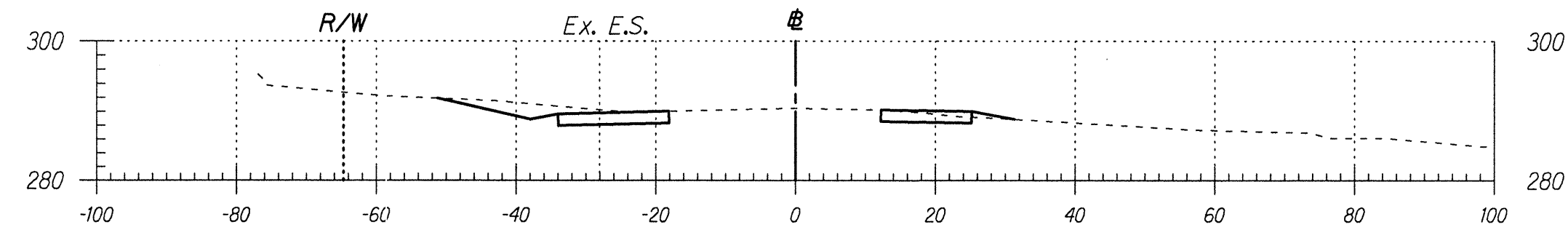
Volume Cut : 243.12
Volume Fill: 61.96



Area Cut : 188.19
Area Fill: 25.12

OBL 11 Sta. 1110+00

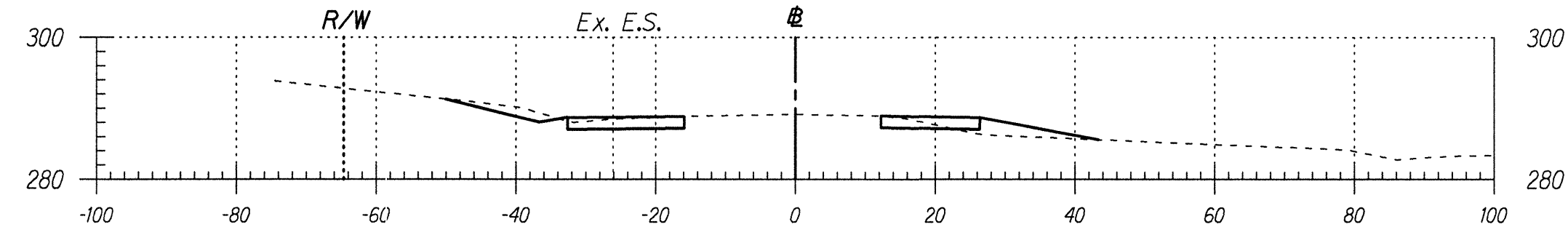
Volume Cut : 258.89
Volume Fill: 36.61



Area Cut : 51.64
Area Fill: 18.54

OBL 11 Sta. 1115+00

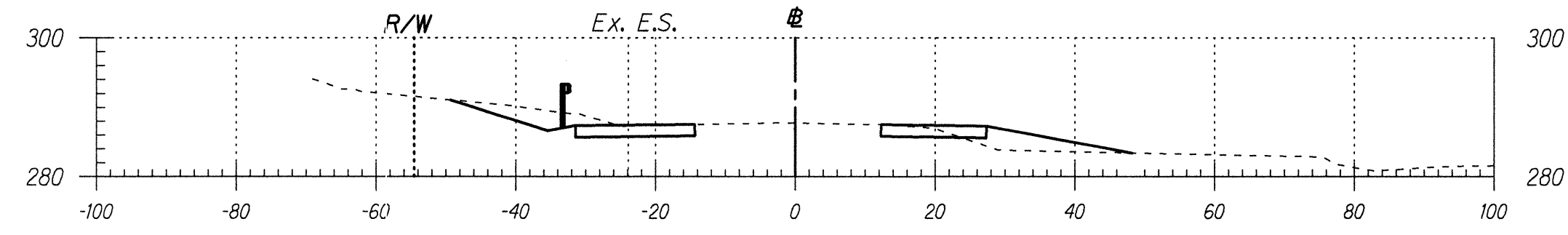
Volume Cut : 99.13
Volume Fill: 50.23



Area Cut : 55.42
Area Fill: 35.71

OBL 11 Sta. 1114+50

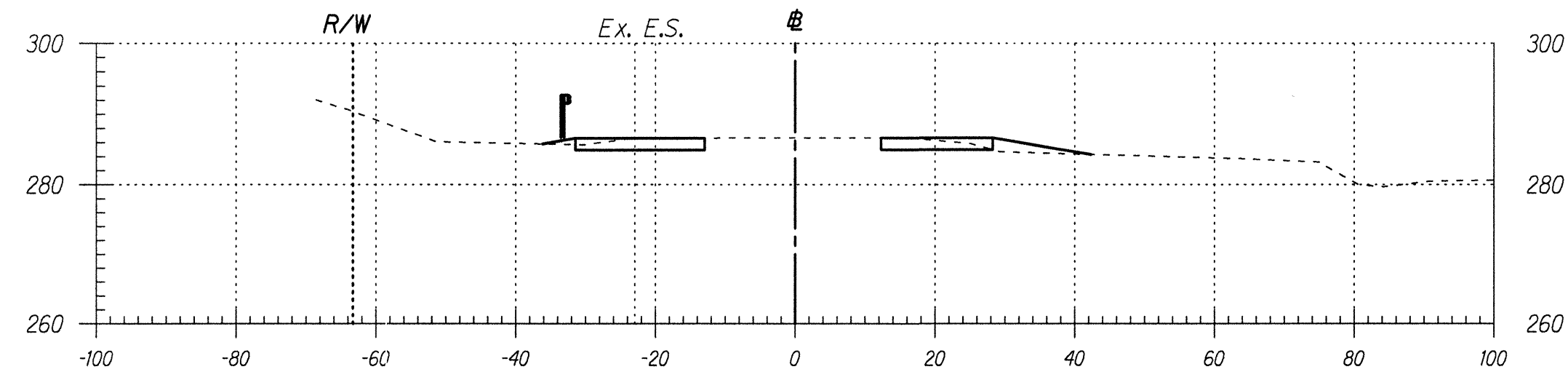
Volume Cut : 109.31
Volume Fill: 57.59



Area Cut : 62.64
Area Fill: 26.49

**OBL 11 Sta. 1114+00.08 (AH)
OBL 11 Sta. 1113+80.00 (BK)**

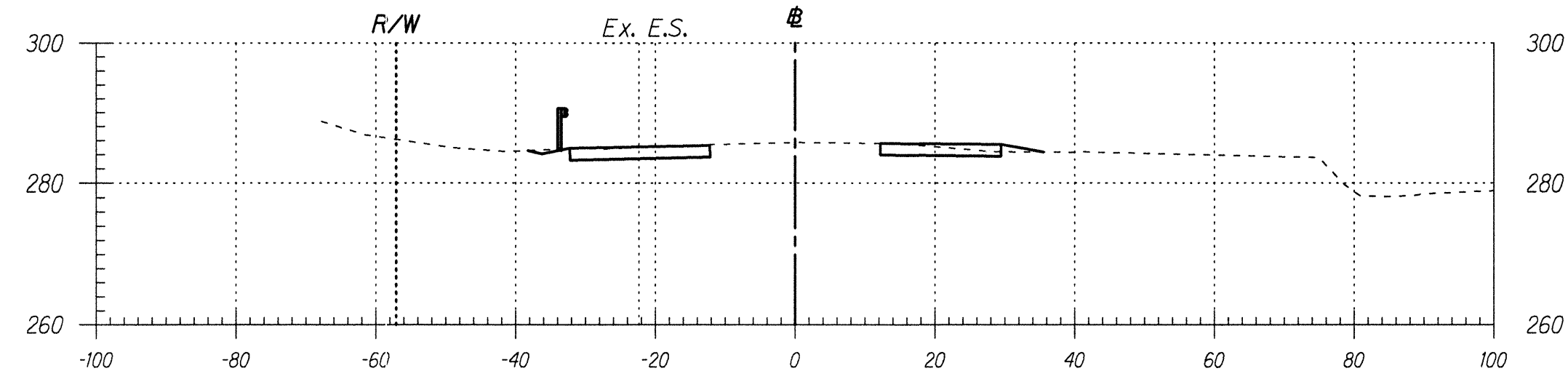
Volume Cut : 105.39
Volume Fill: 10.10



Area Cut : 51.18
Area Fill: 9.42

OBL 11 Sta. 1113+50

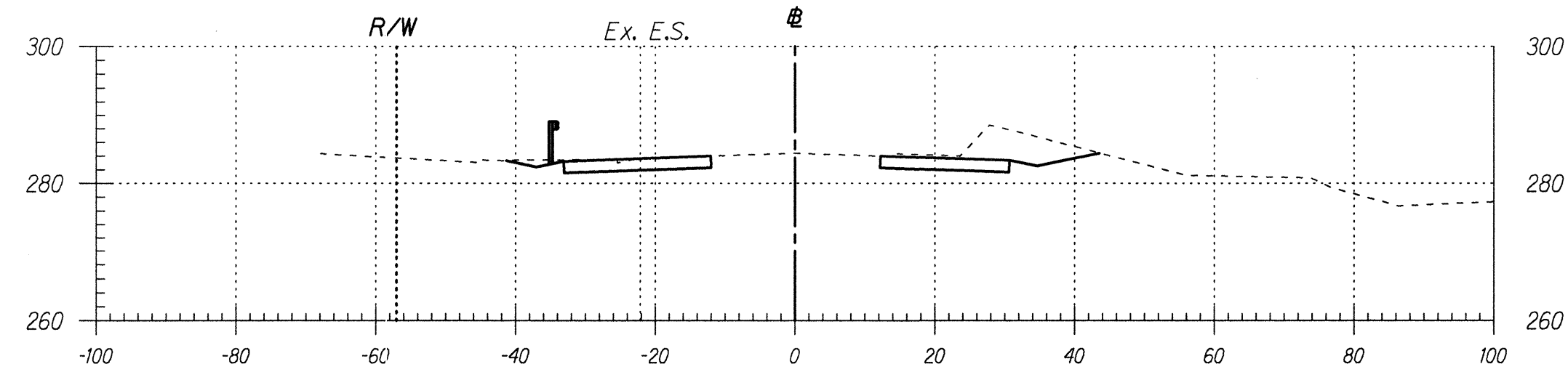
Volume Cut : 137.35
Volume Fill: 10.10



Area Cut : 97.16
Area Fill: 1.49

OBL 11 Sta. 1113+00

Volume Cut : 214.85
Volume Fill: 2.76

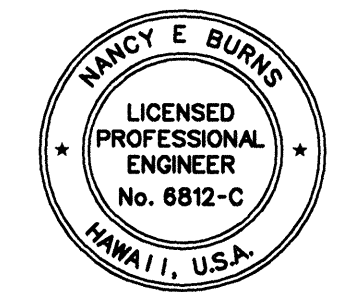


Area Cut : 134.88
Area Fill: 1.49

OBL 11 Sta. 1112+50

Volume Cut : 208.01
Volume Fill: 36.28

ORIGINAL PLAN	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
DATE	



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Nancy E. Burns

DATE: 8/24/98

