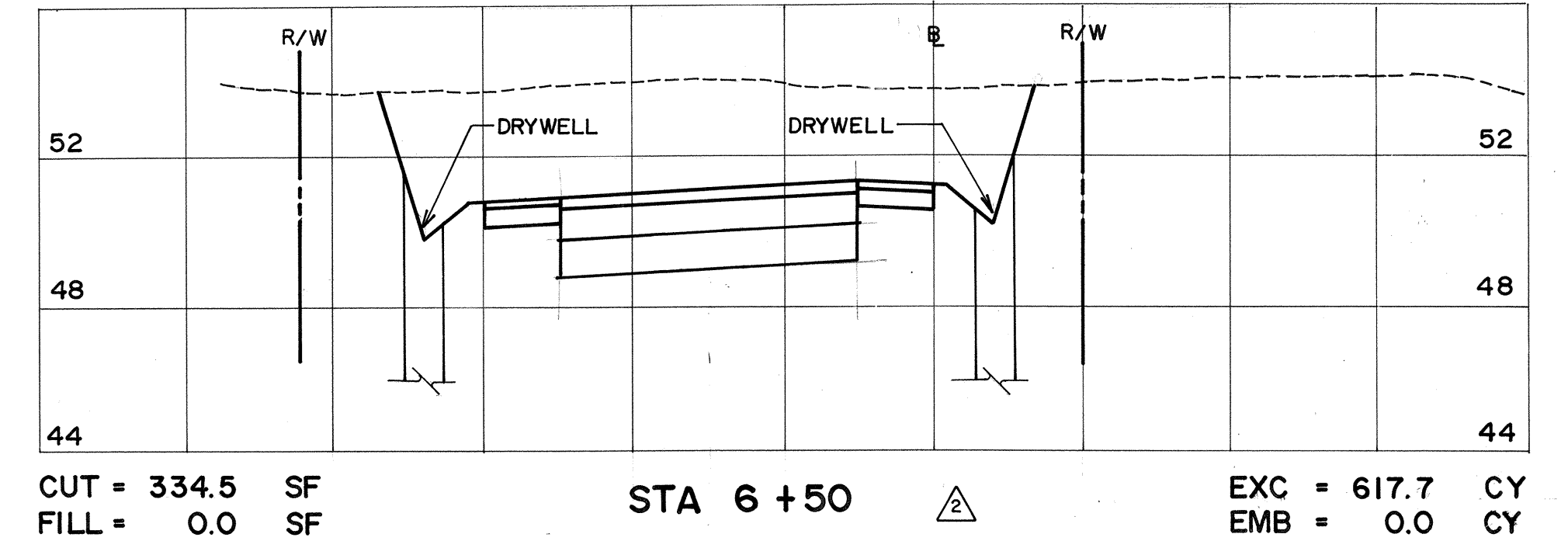
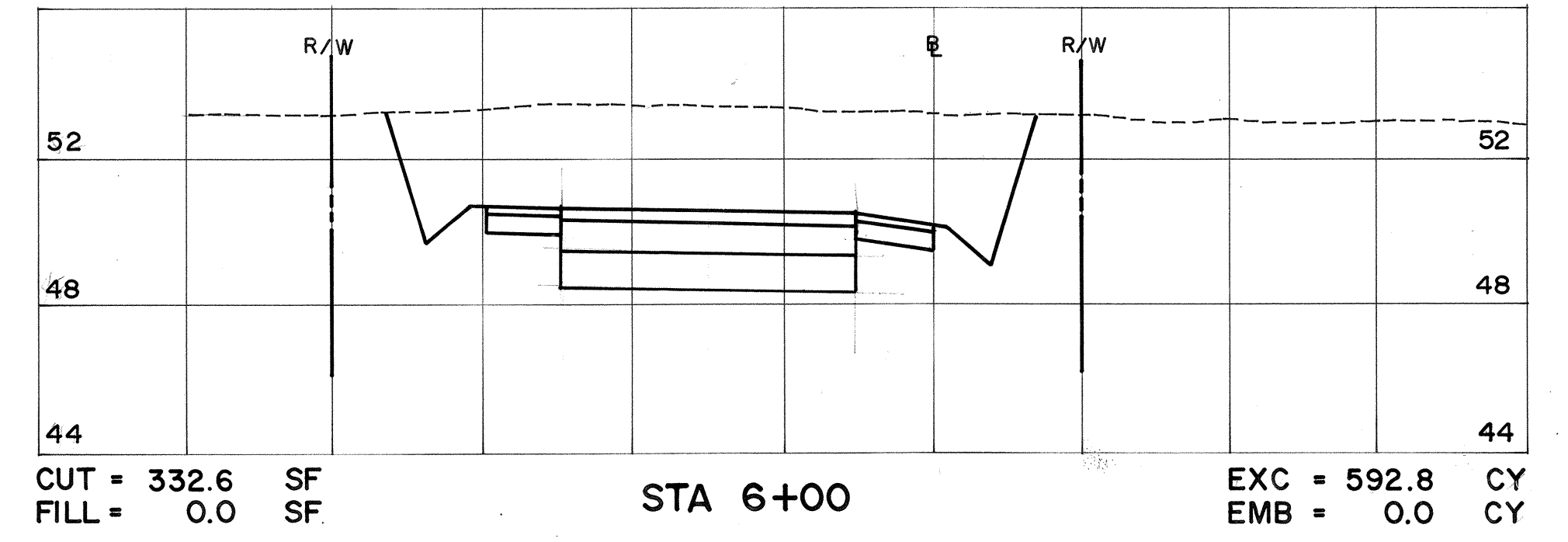
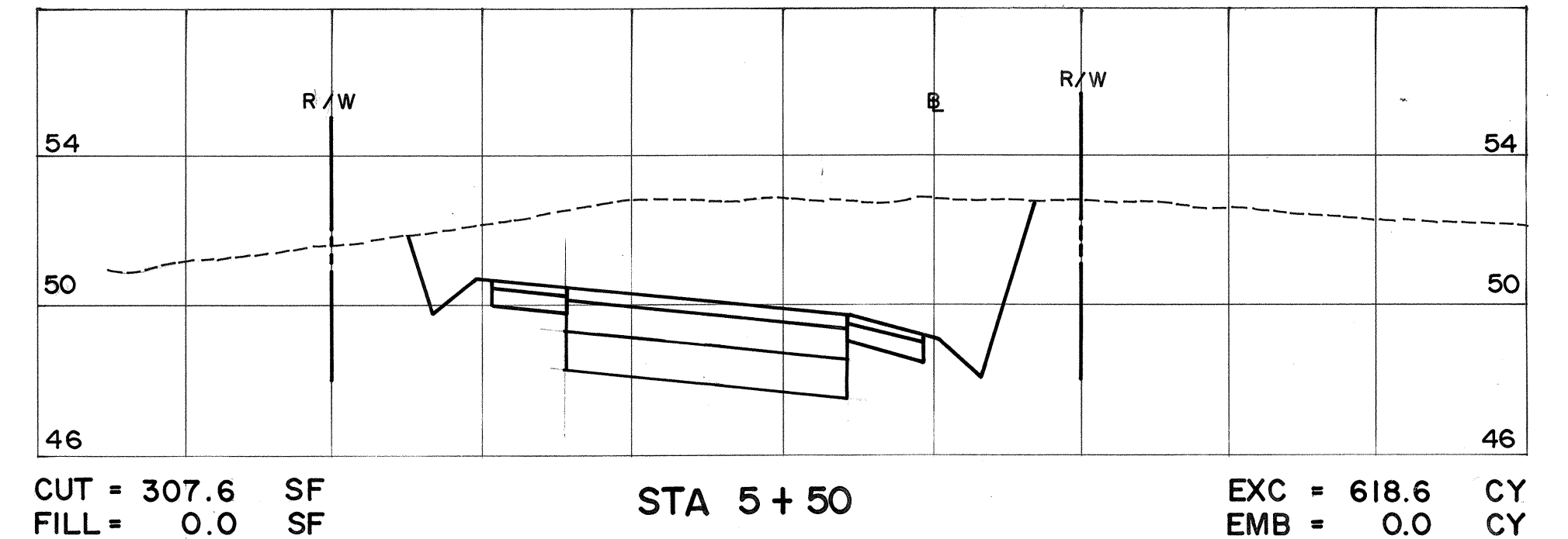
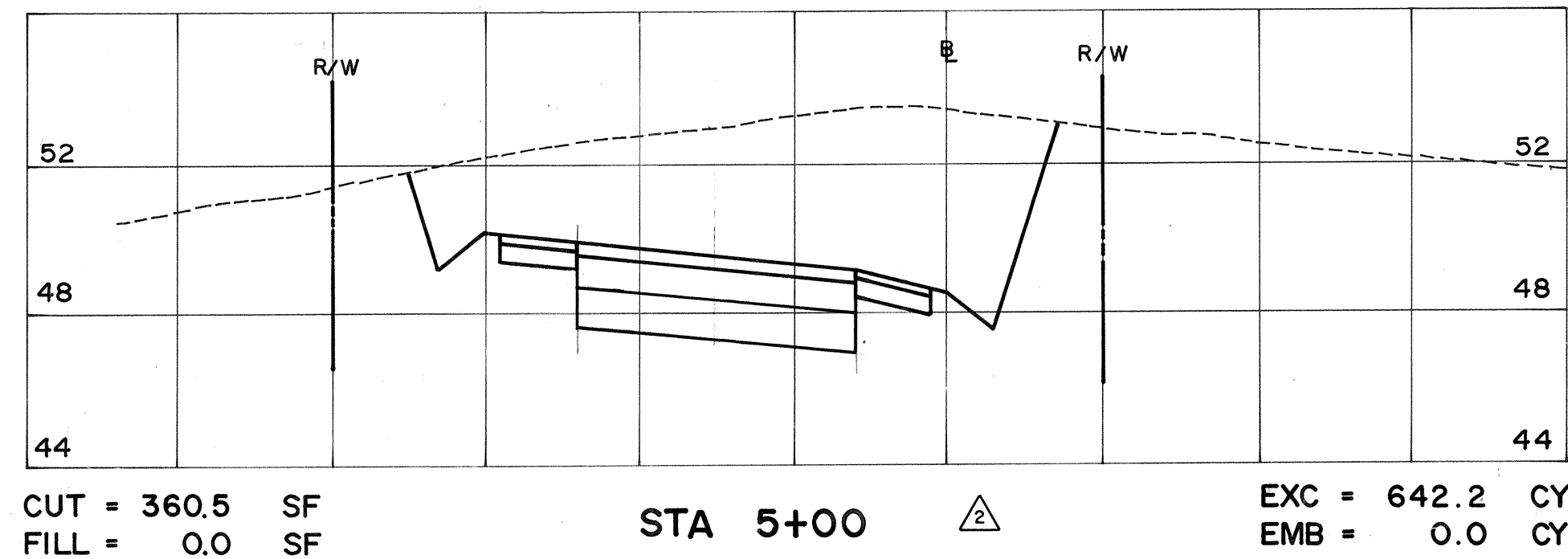
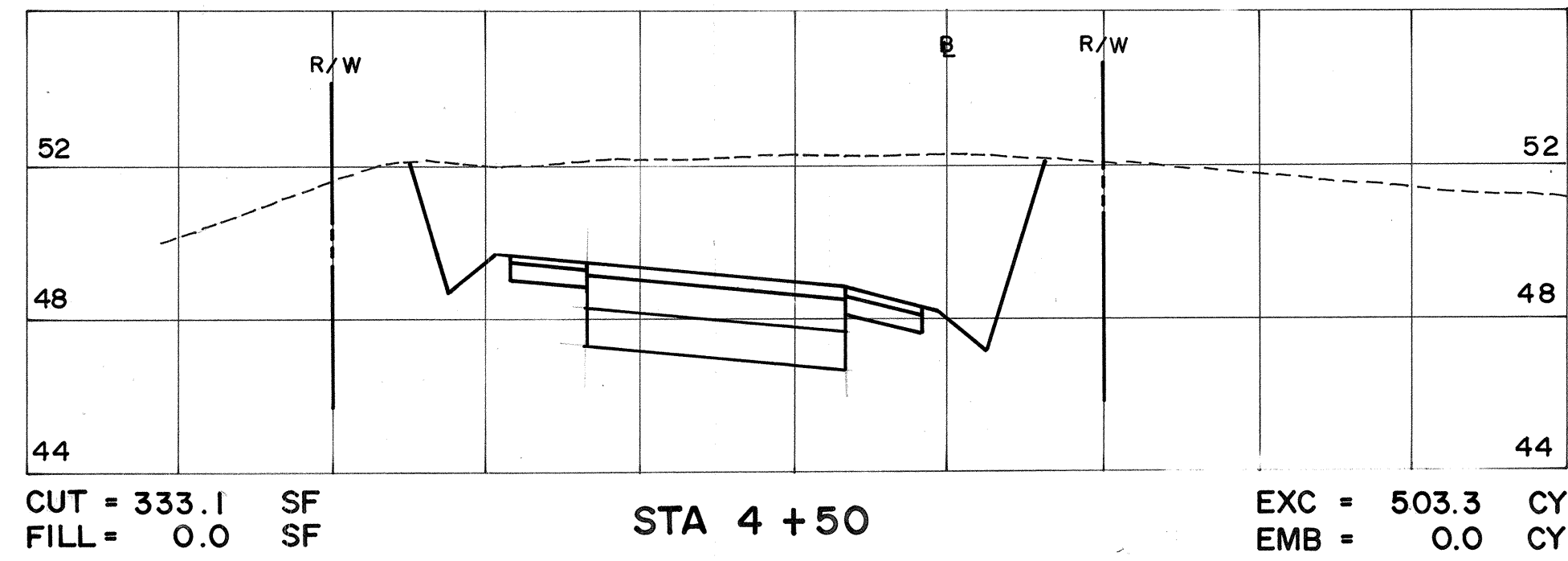
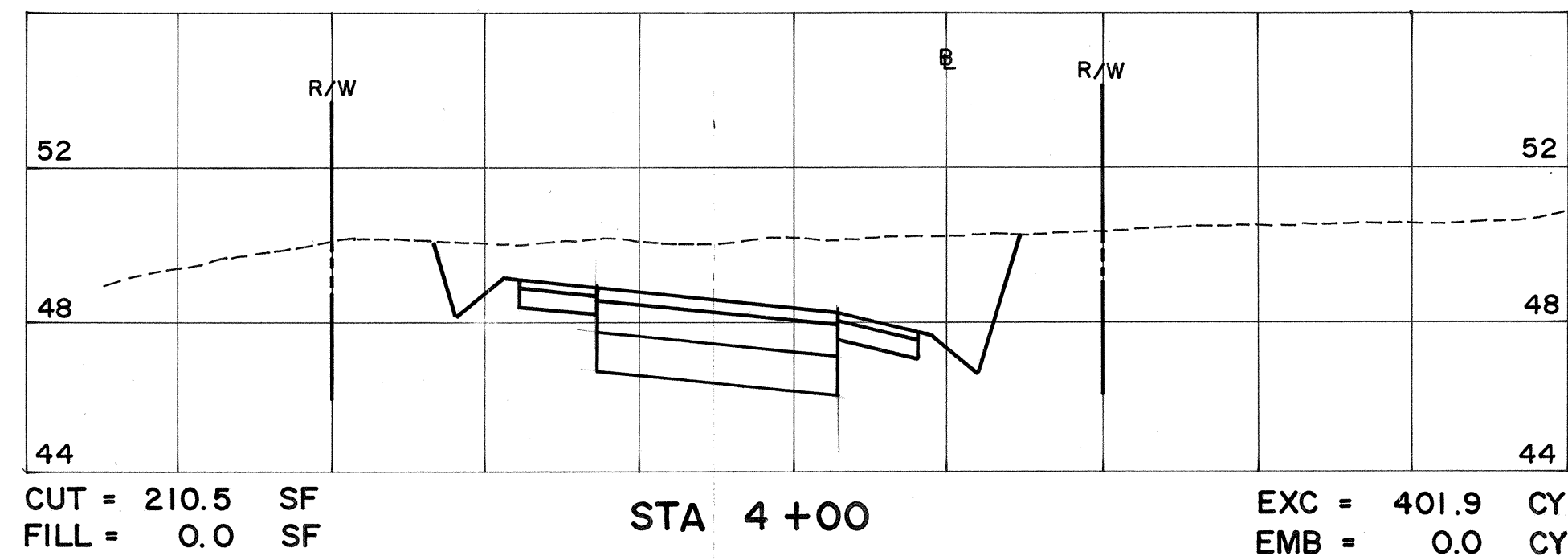
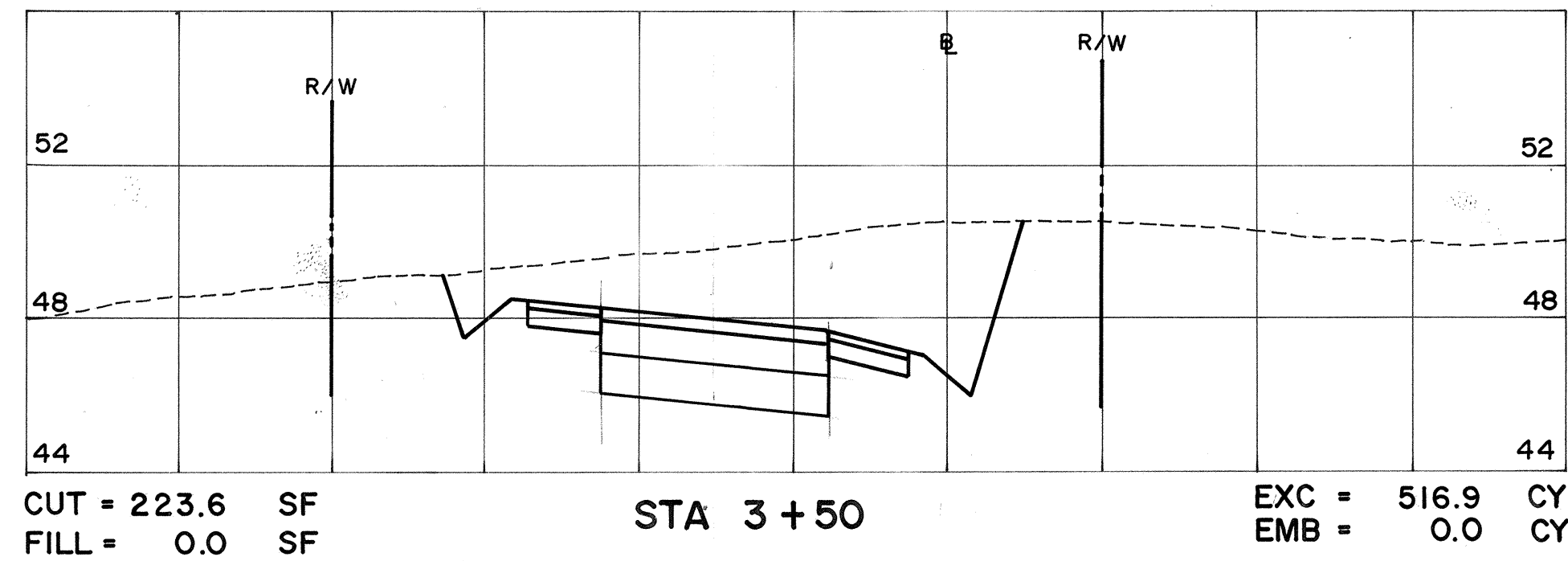
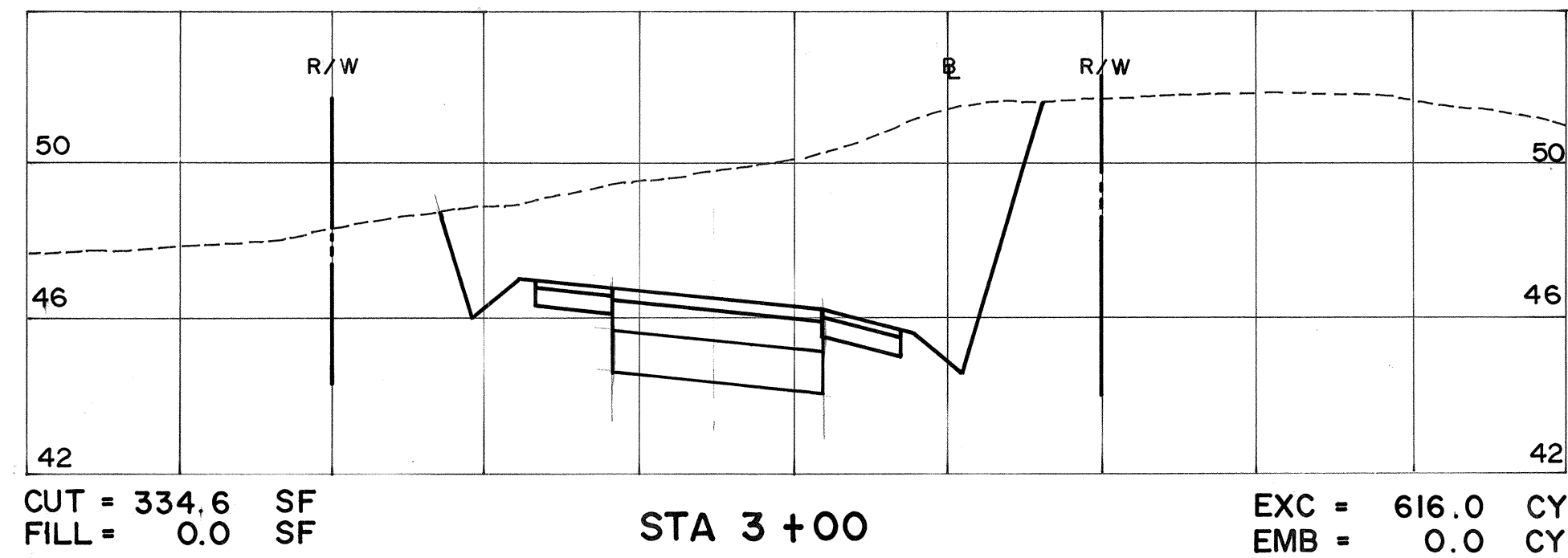
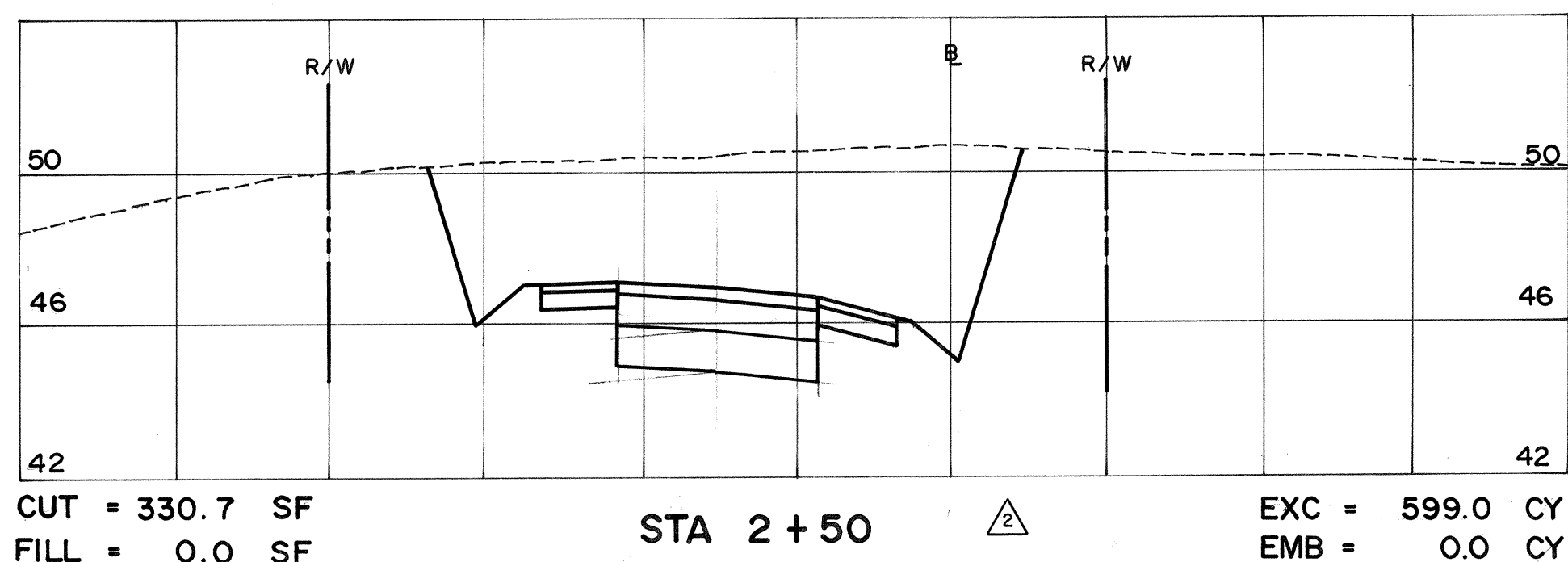
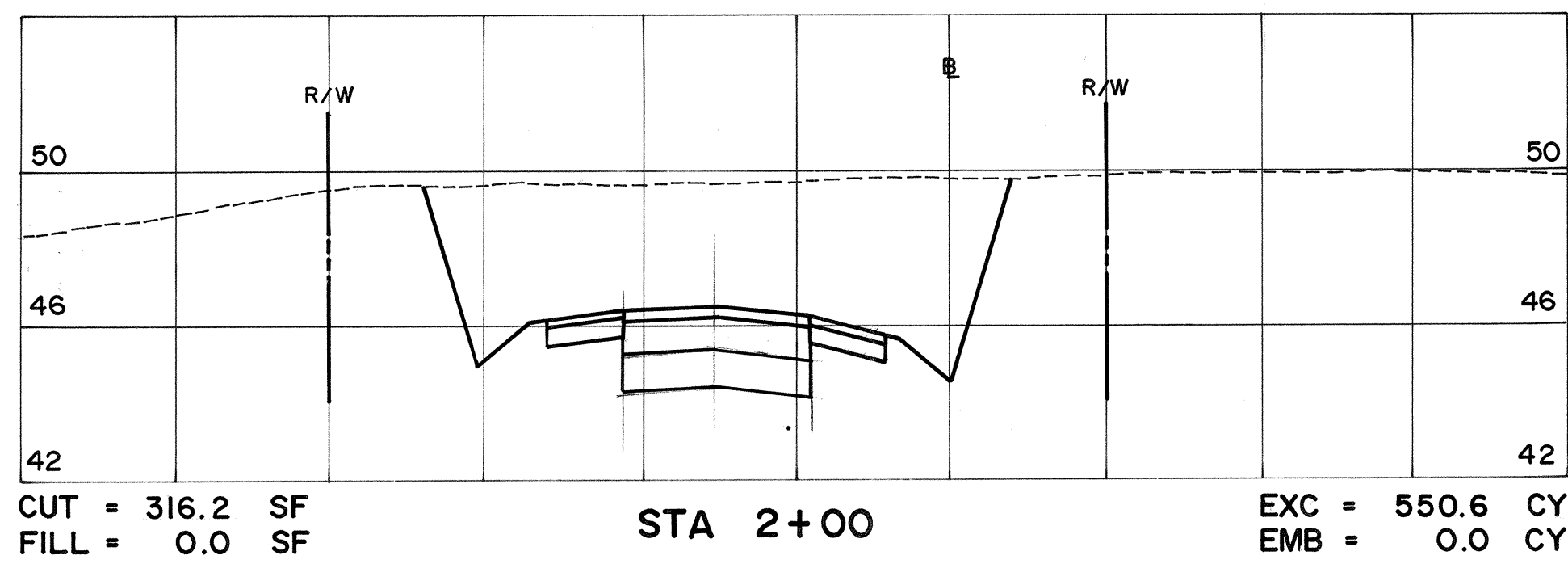
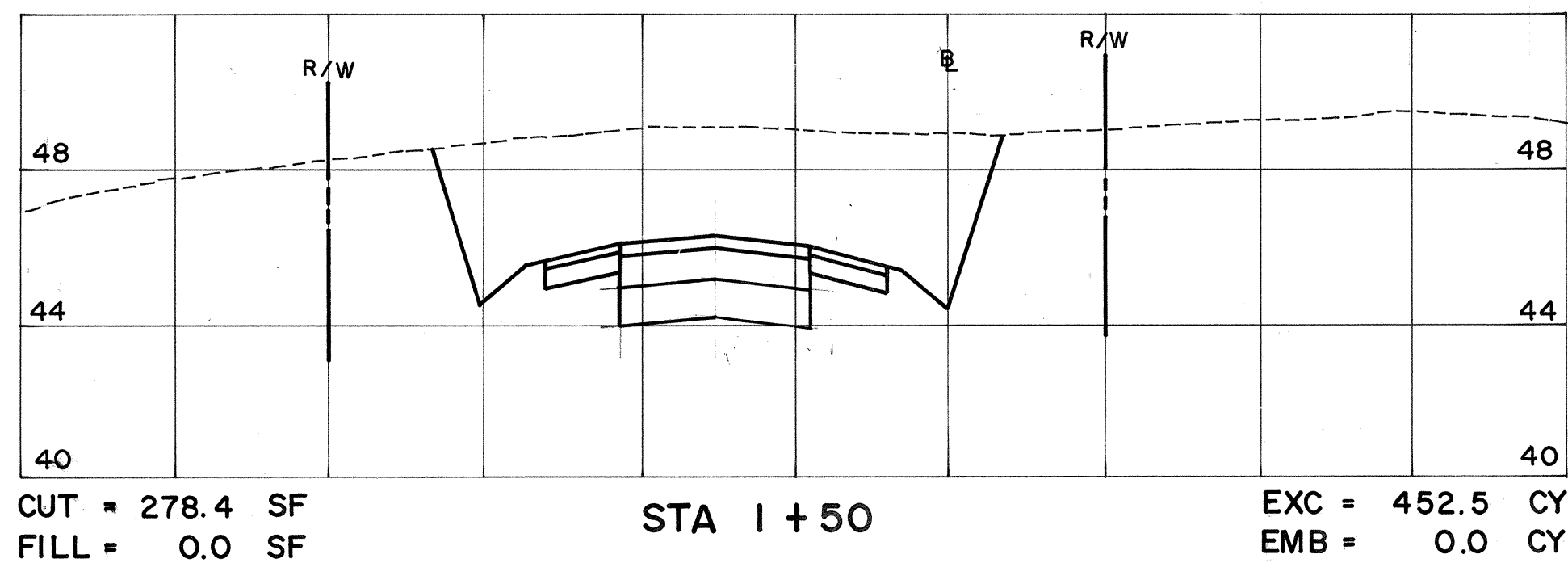
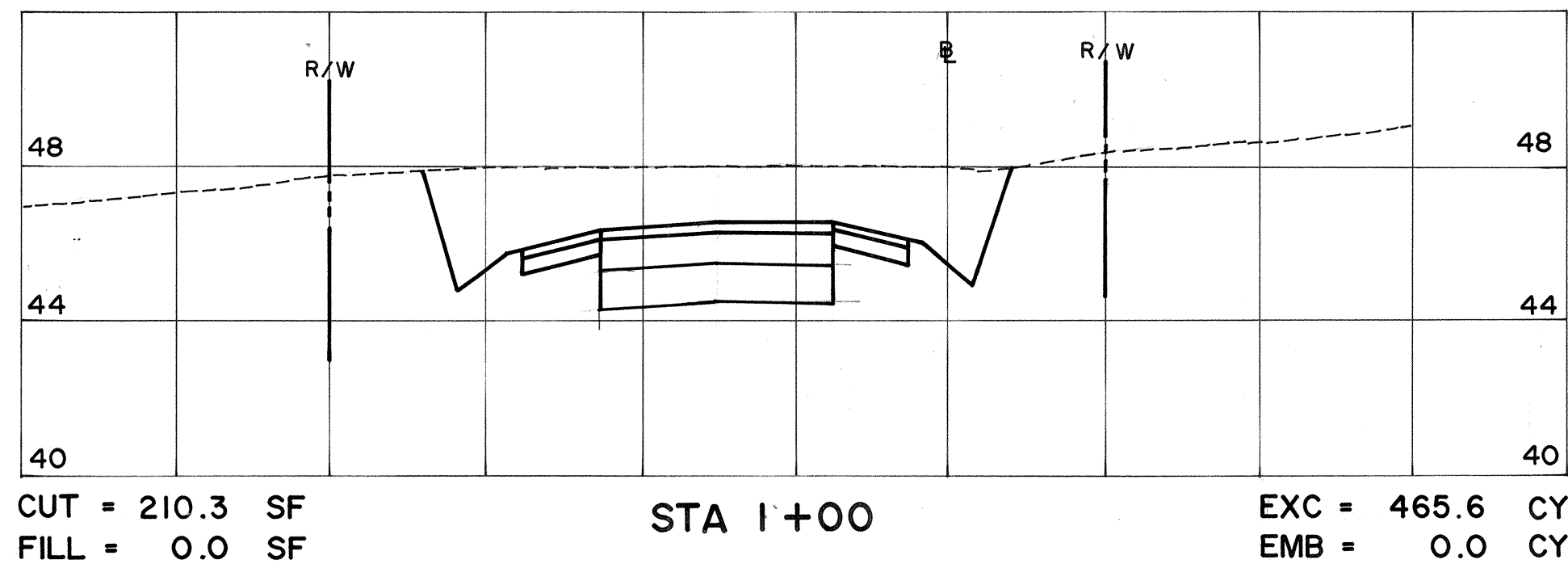
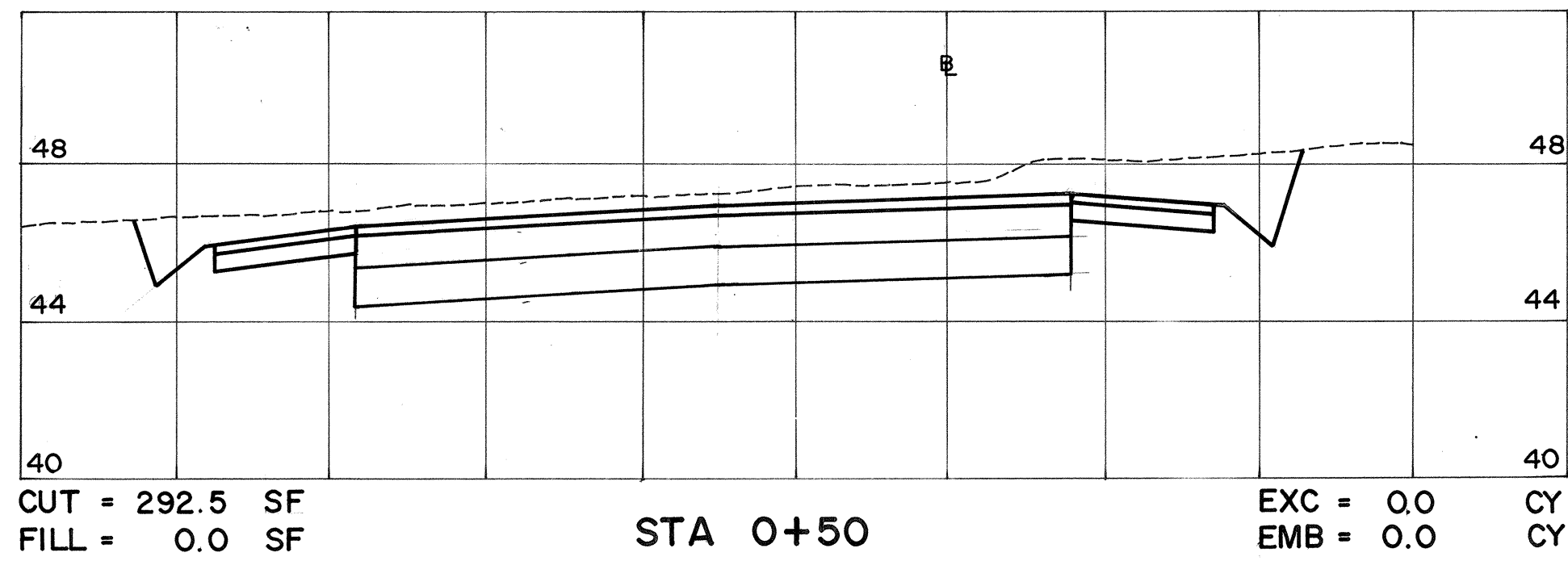




SCALES: HORIZ : 1" = 20'
VERT. : 1" = 4'

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Client:
HOUSING FINANCE AND DEVELOPMENT CORPORATION
STATE OF HAWAII

VILLAGES OF LA'I OPUA
MAUKA-MAKAI ROADWAY IMPROVEMENTS
PHASE-1

KEALAKEHE PARKWAY
CROSS SECTIONS
STA 0+50 TO STA 6+50

Designed by: _____ Date: _____
Drawn by: _____ Proj. no. (BCA) 841.0104

Approved: _____ Date: _____

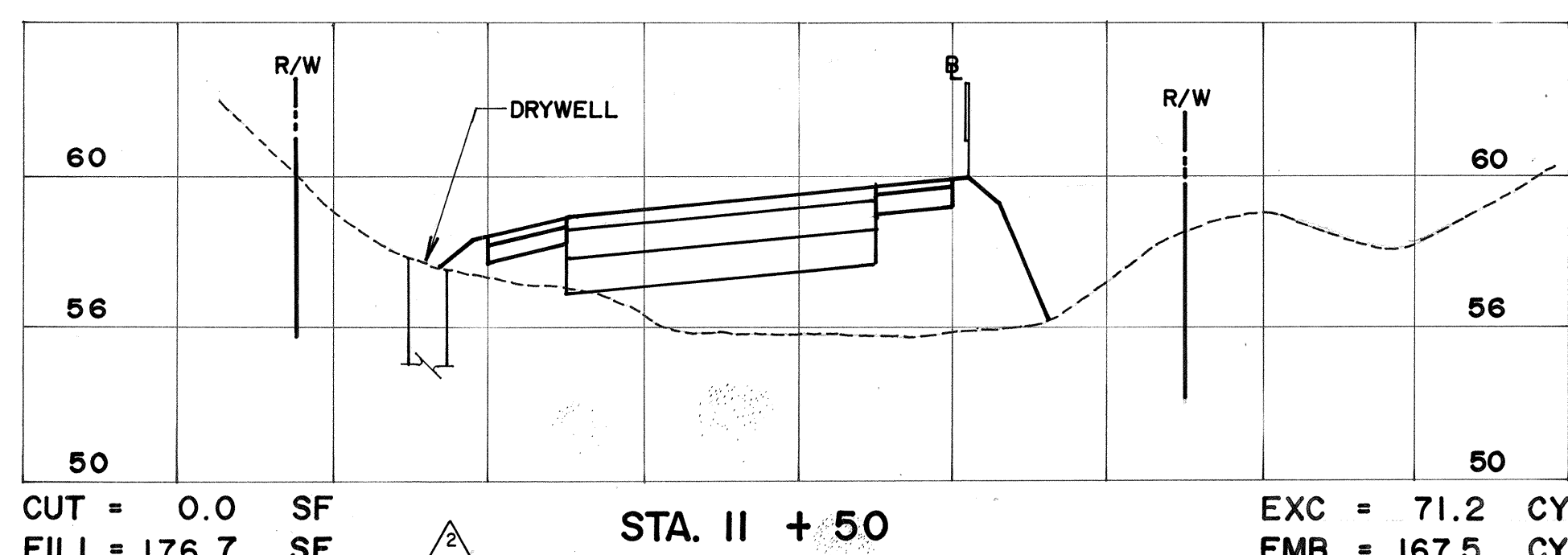
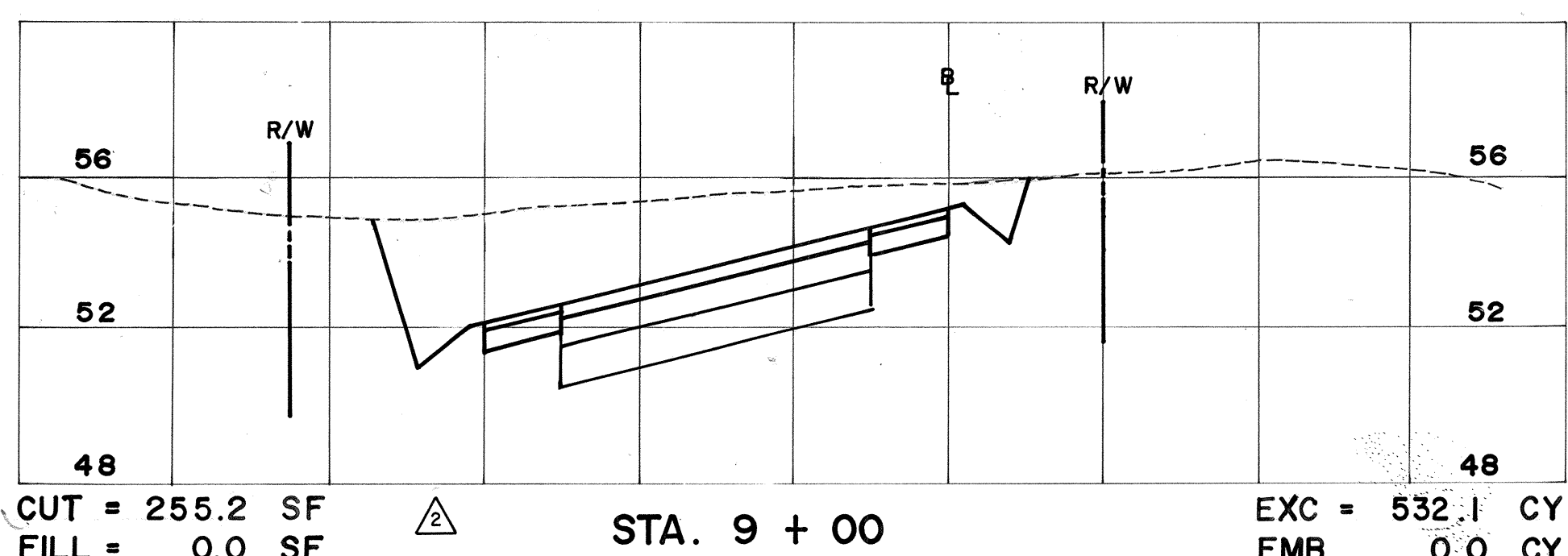
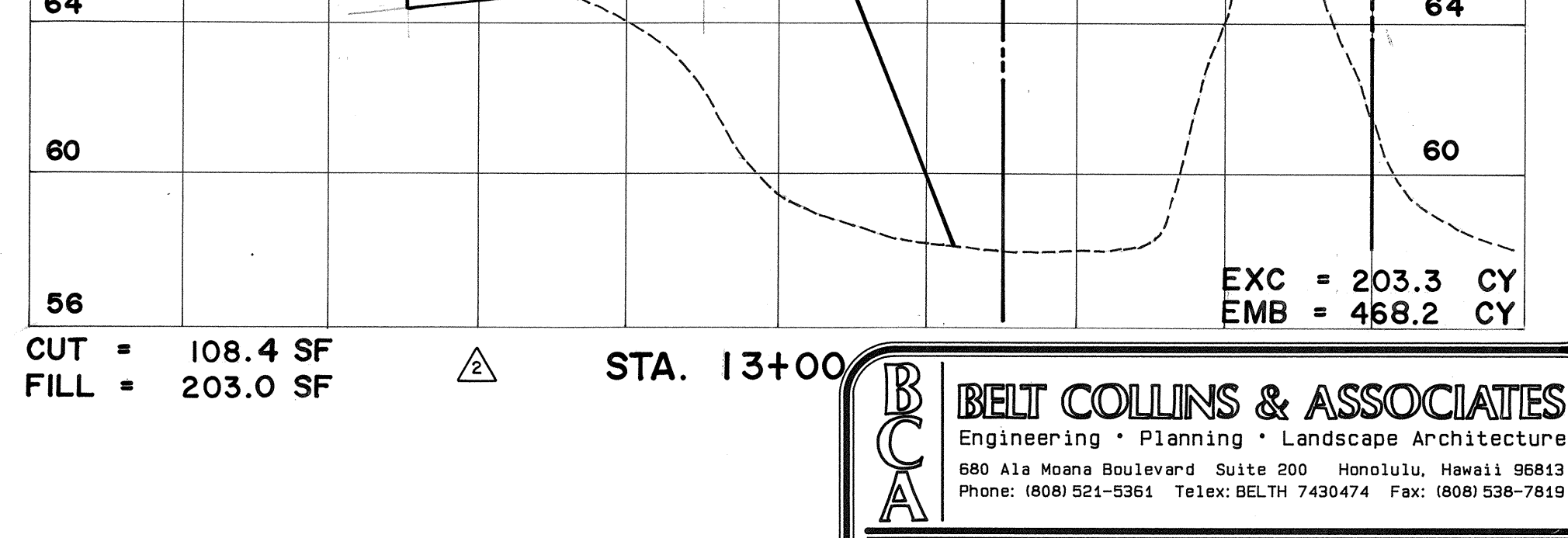
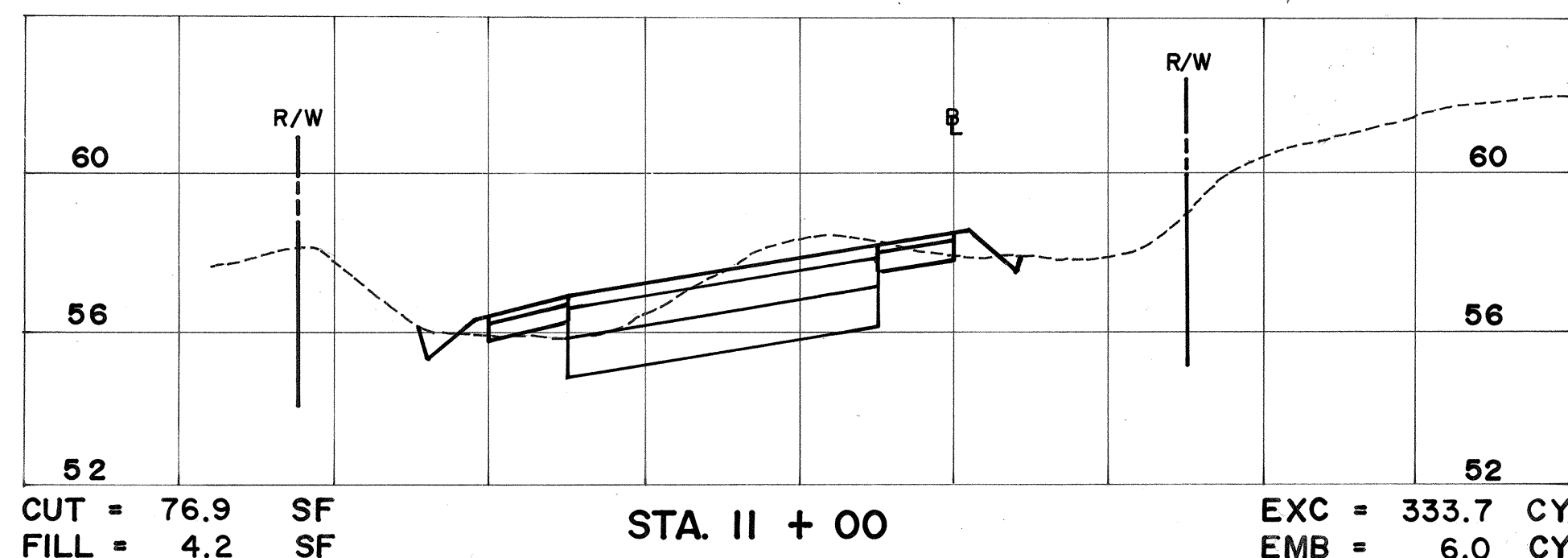
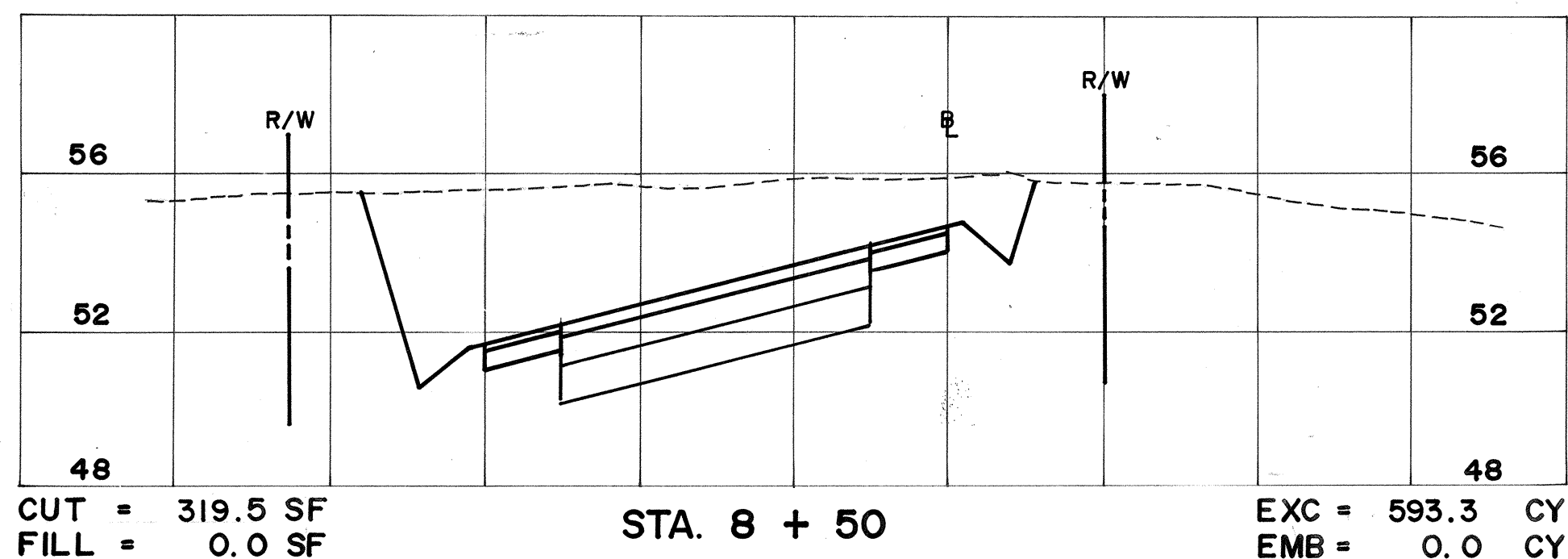
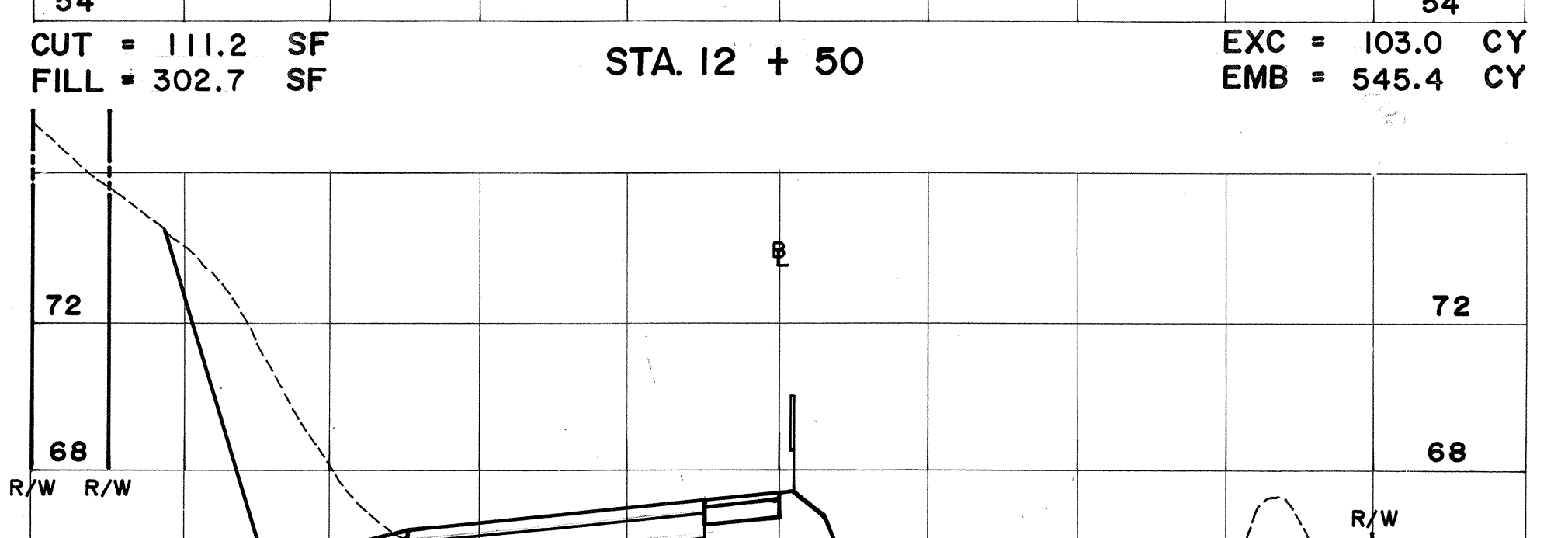
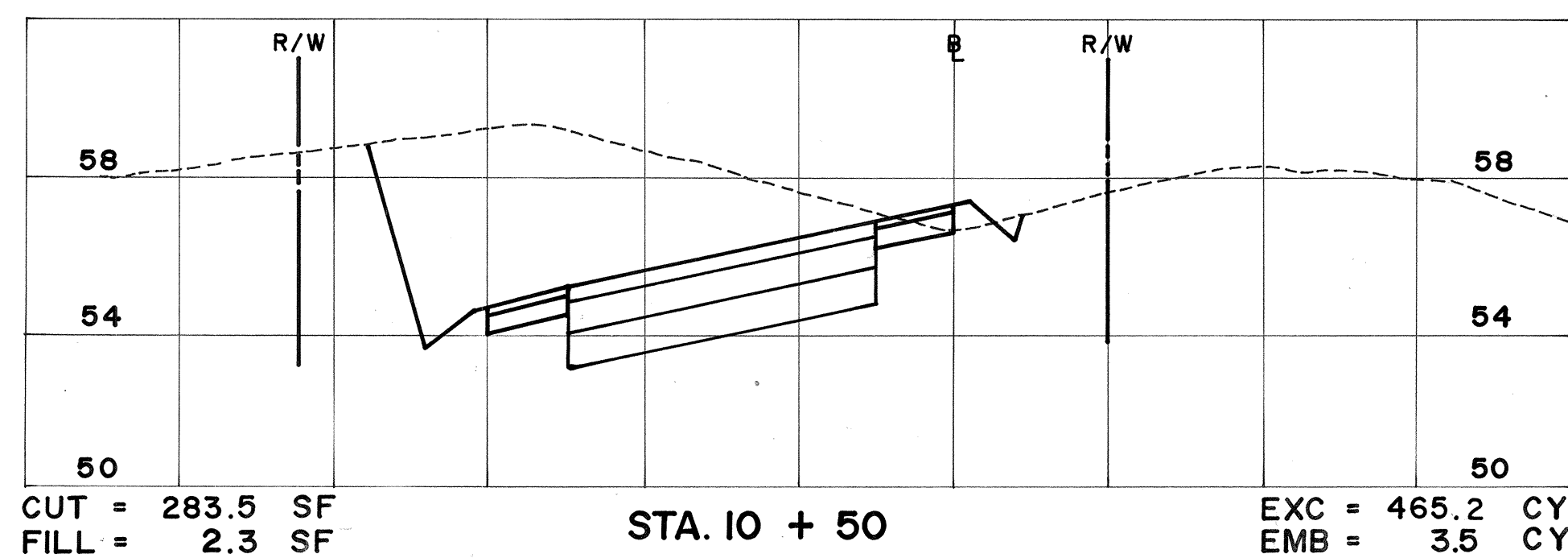
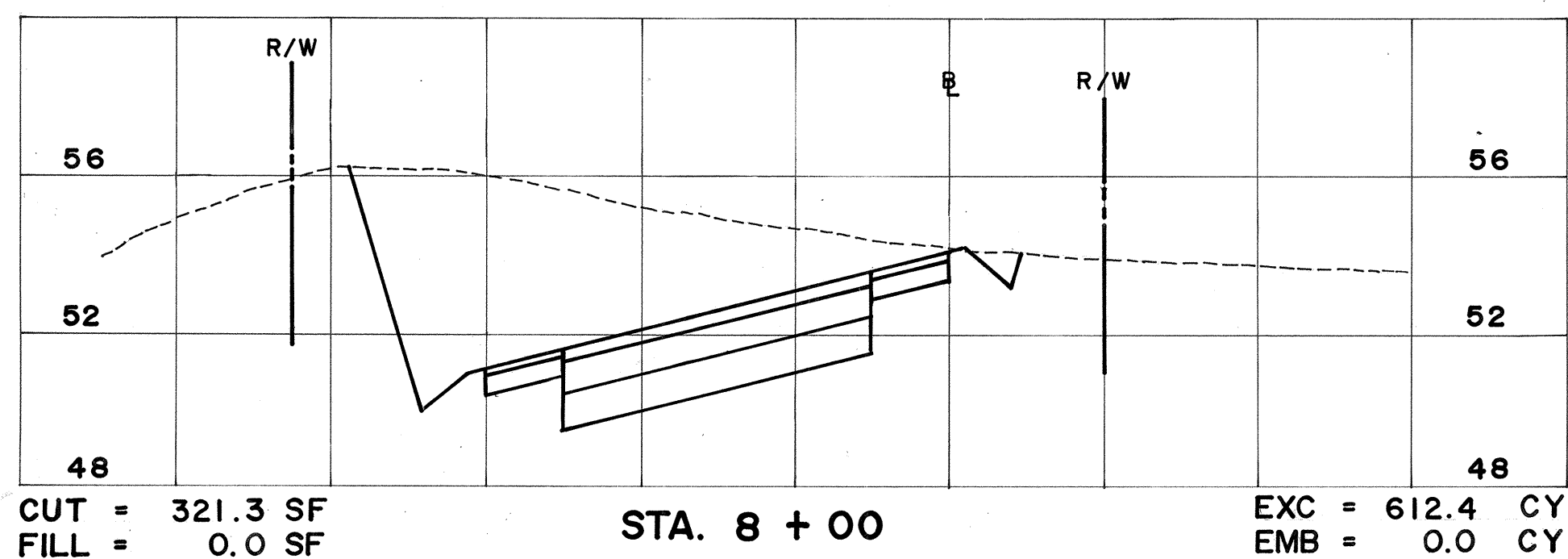
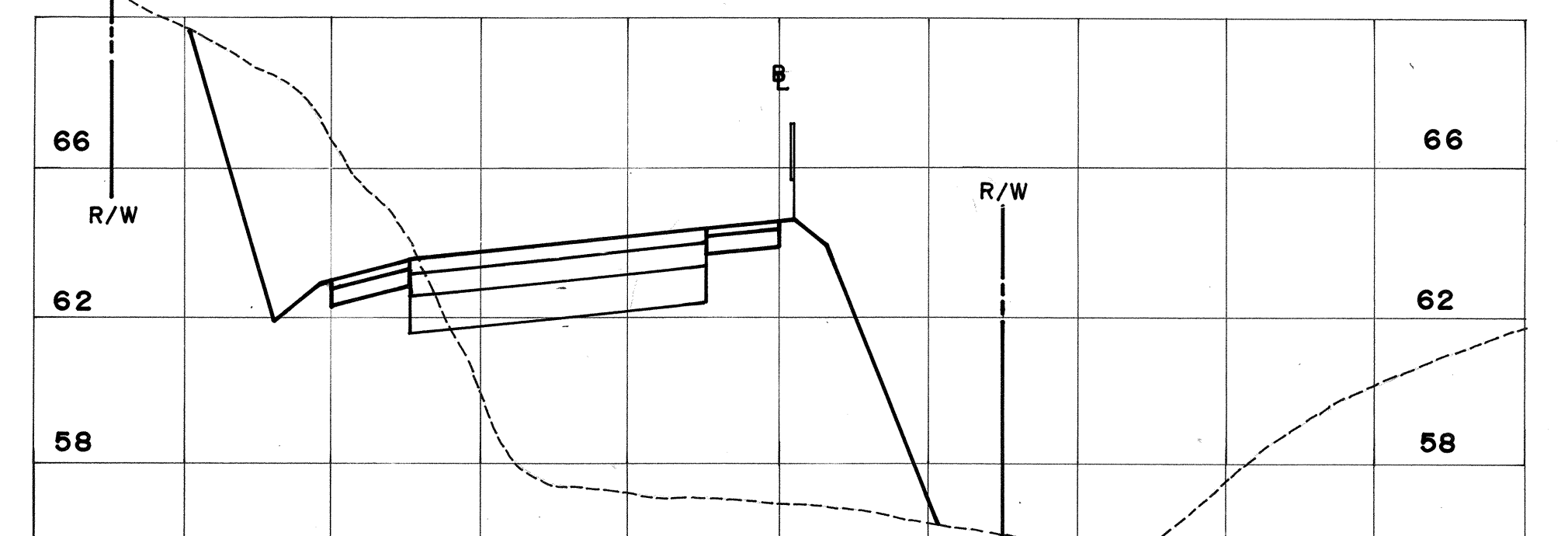
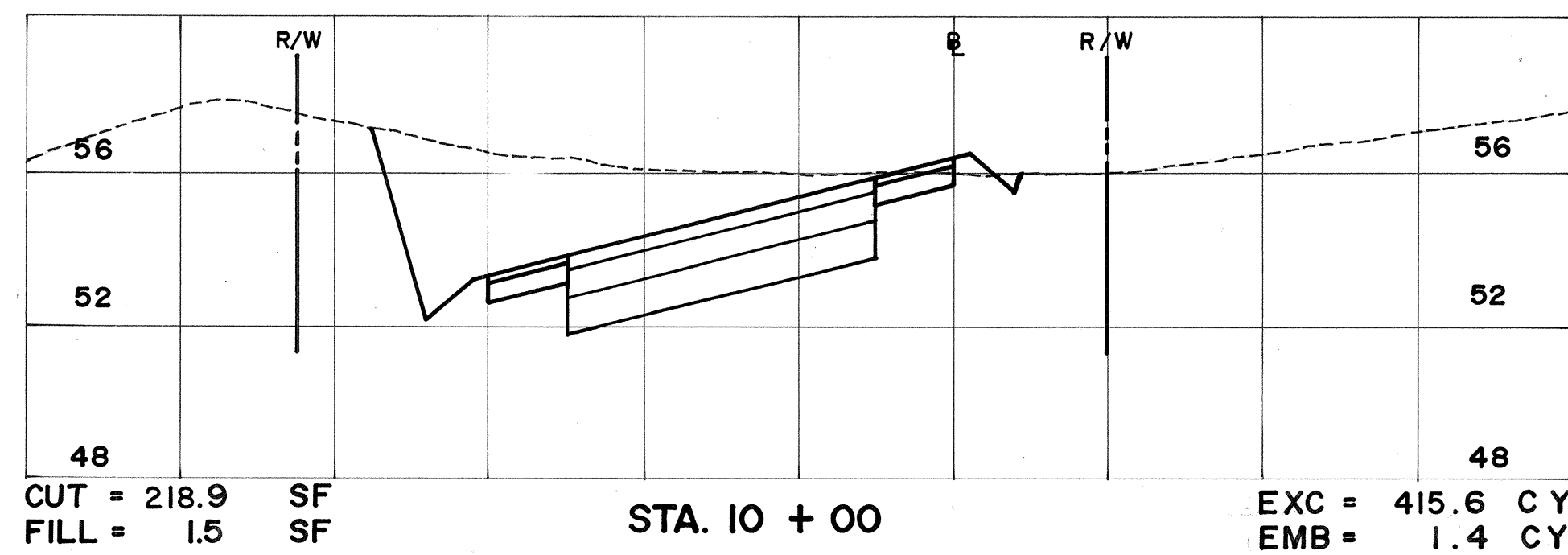
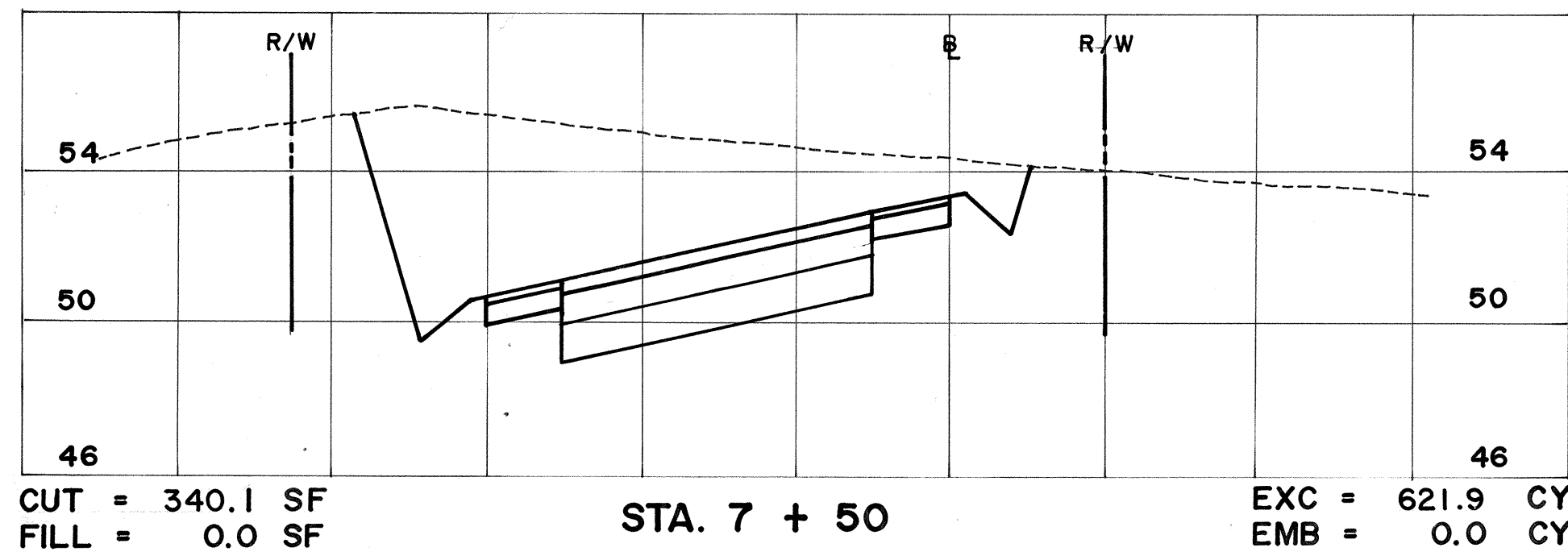
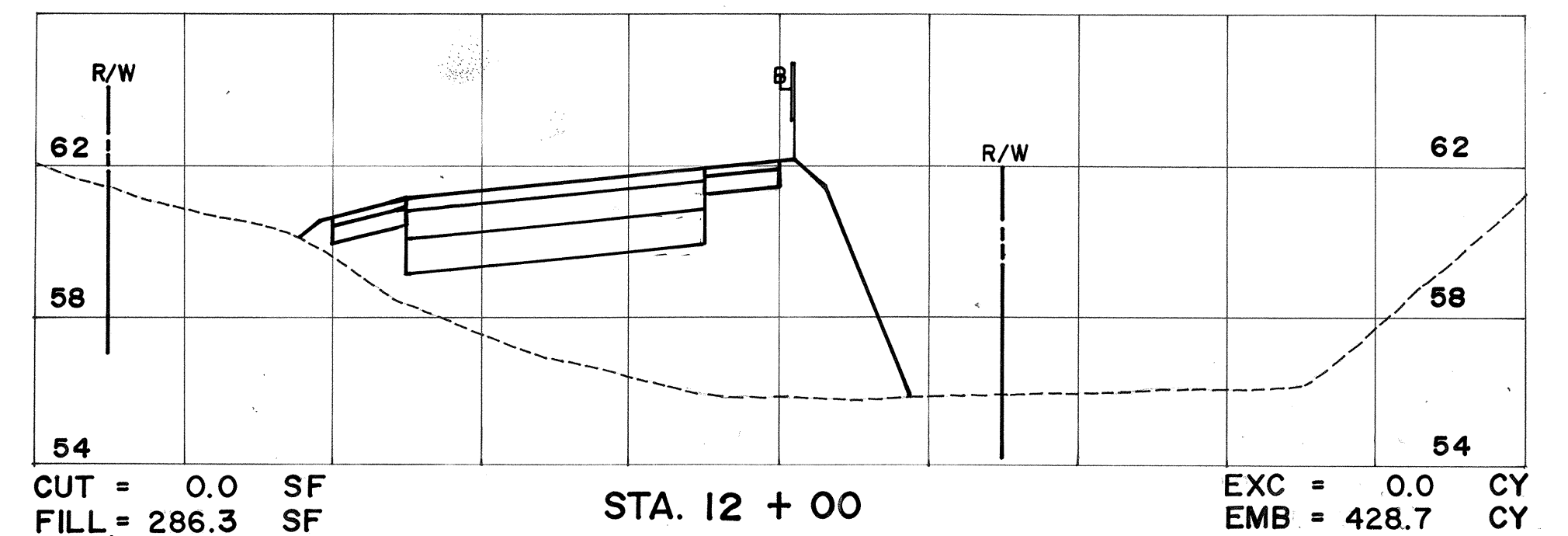
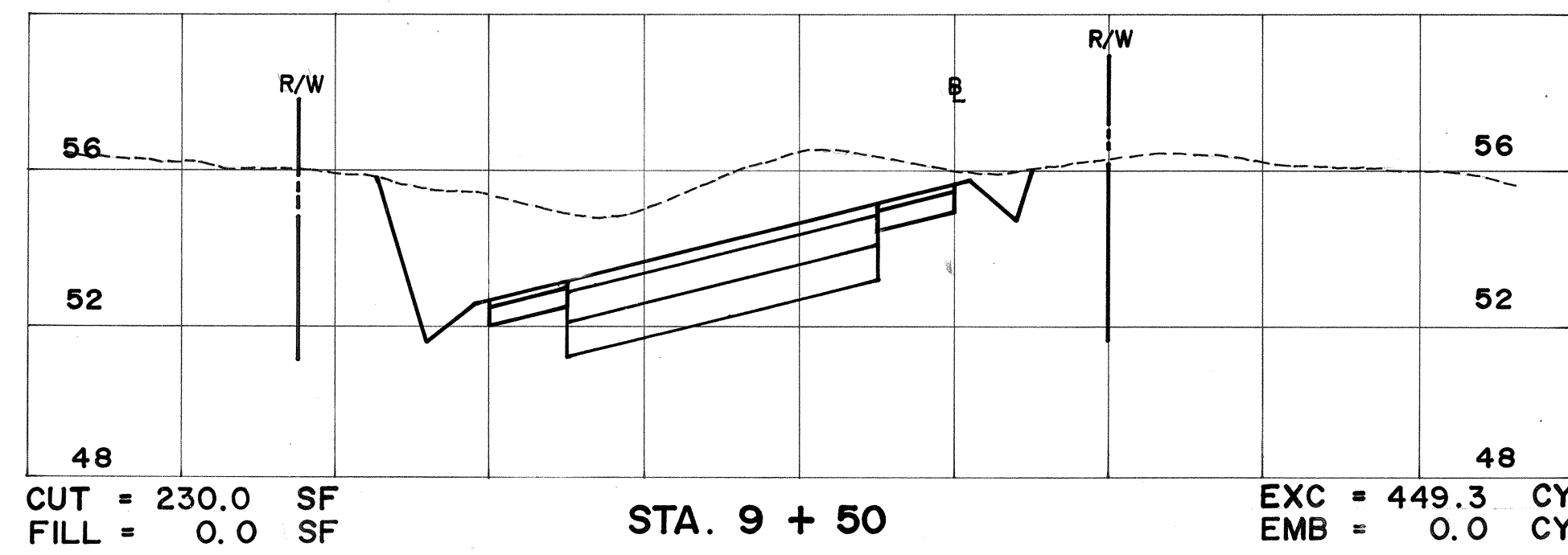
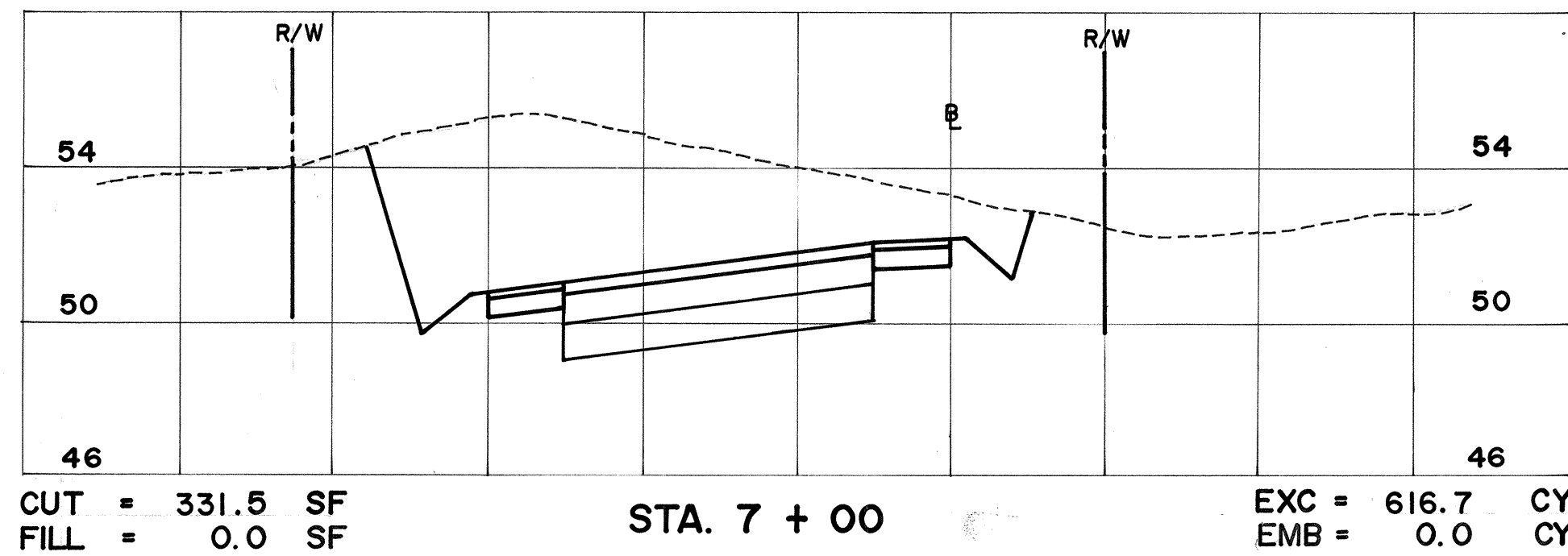
Rev	Date	Description	Eng	App
1	7-14-92	REVISE SECTIONS	CP	
2	12/4/91	REVISE SECTIONS	CP	

Cheryl M. Palesh
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
AND CONSTRUCTION OF THIS
PROJECT WILL BE UNDER MY
OBSERVATION.

CHERYL M. PALESH
REGISTERED
PROFESSIONAL
ENGINEER
No. 5952-C
HAWAII, U.S.A.

841.0104B-BS

Trim: 22"x36"



SCALES: HORIZ.: 1" = 20'
VERT.: 1" = 4'

Rev	Date	Description	Eng	App
7-14-92		REVISE SECTIONS	CP	
12/4/91		REVISE SECTIONS	CP	

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STATE OF HAWAII

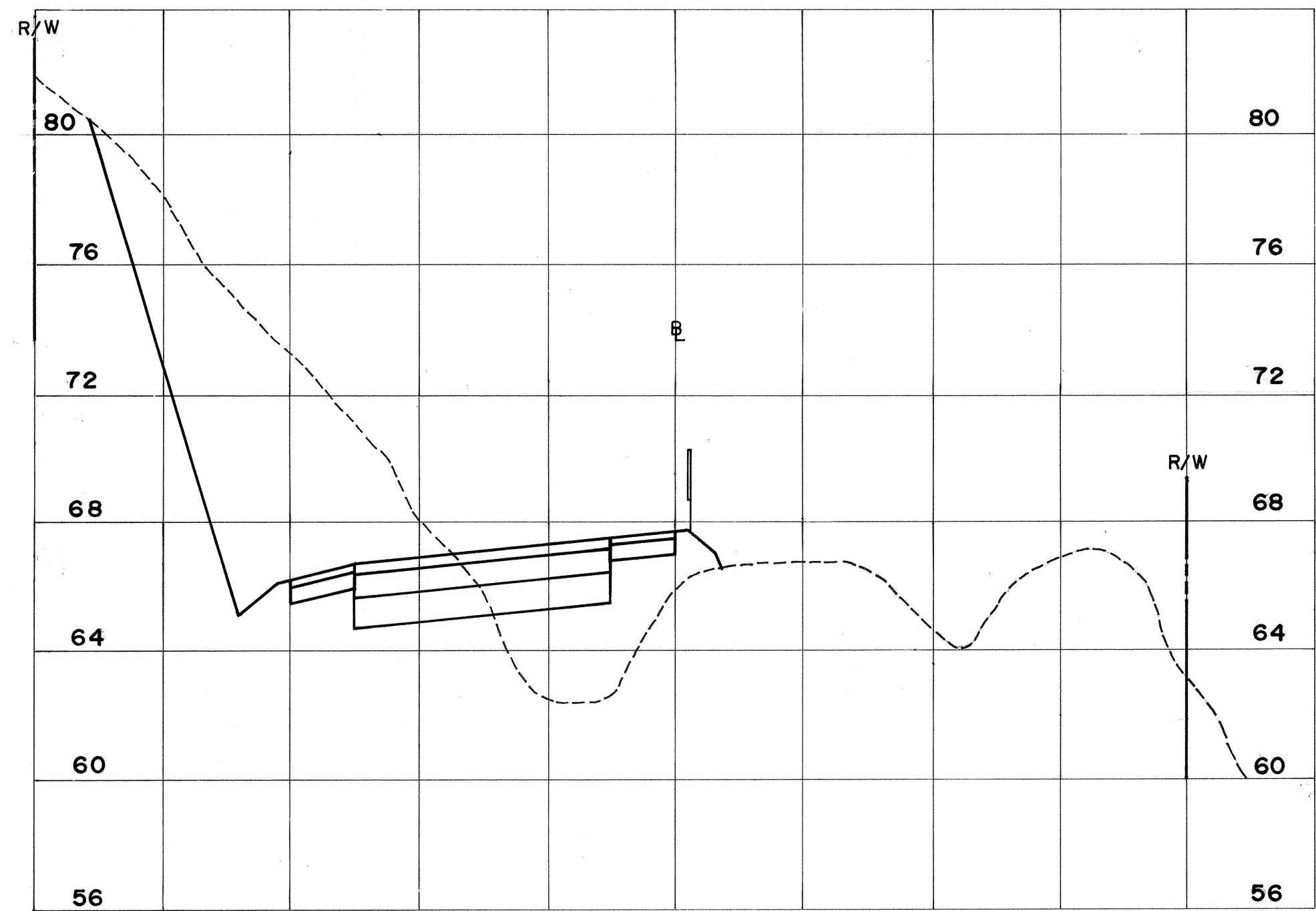
VILLAGES OF LA'I OPUA
MAUKA-MAKAI ROADWAY IMPROVEMENTS
PHASE-1

KEALAKEHE PARKWAY
CROSS SECTIONS
STA. 7 + 00 TO STA. 13 + 00

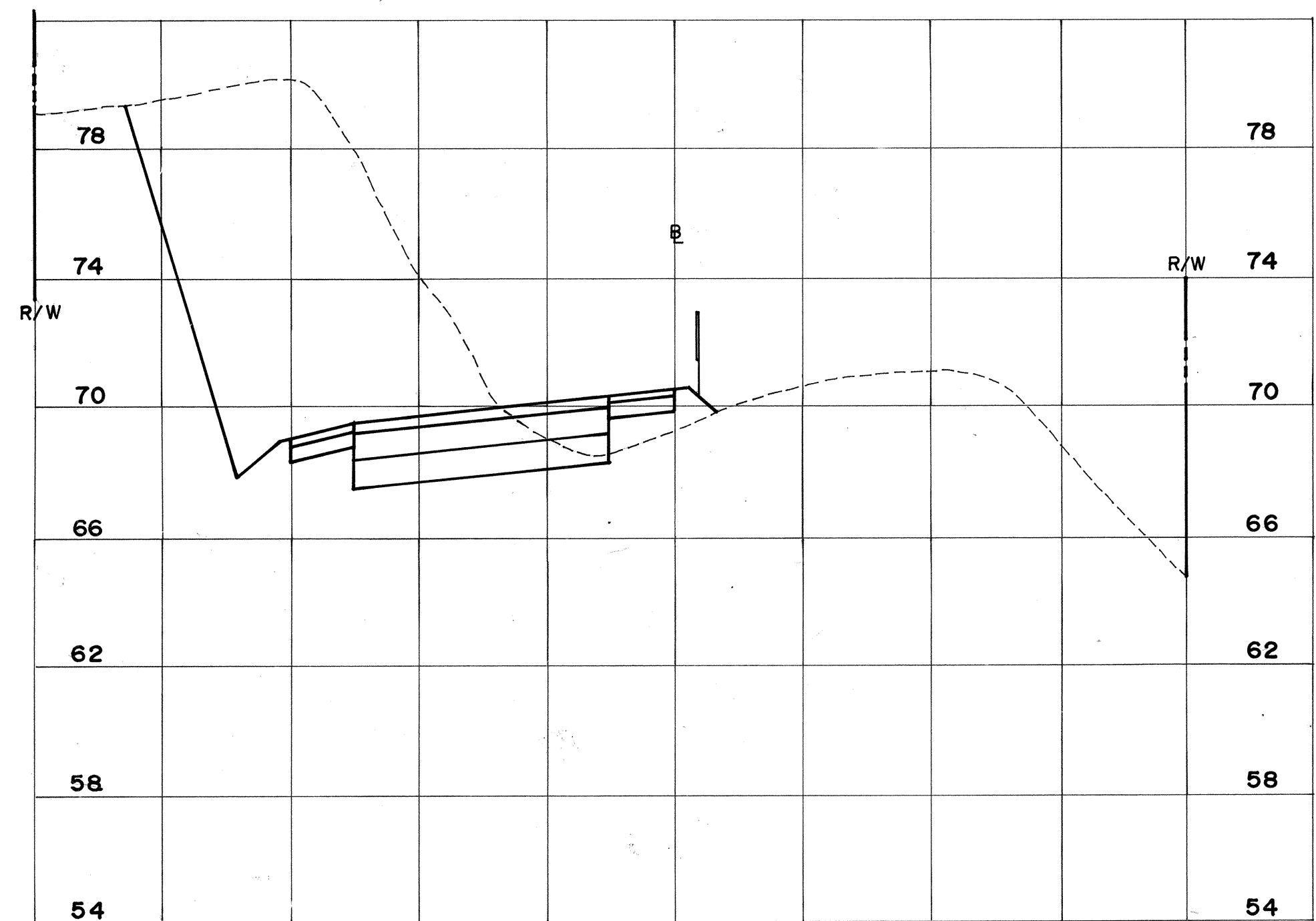
Designed by: _____ Date: _____
Drawn by: _____ Proj. no. (BCA) 841. 0104
Approved: _____ Date: _____

841.0104-B5

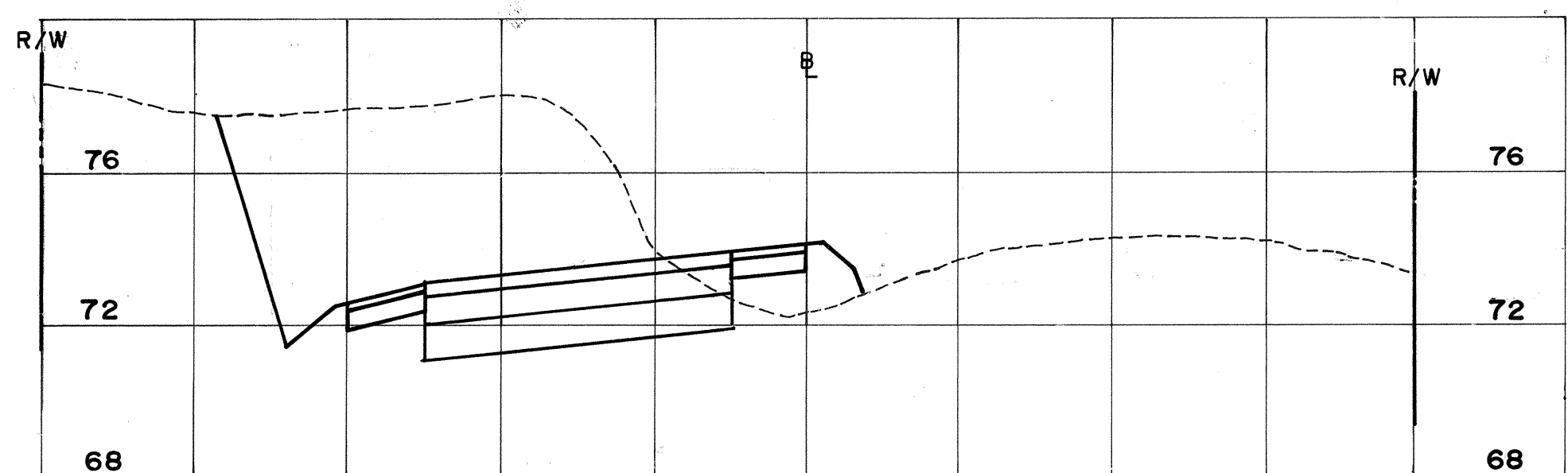
Trim: 22"x36"



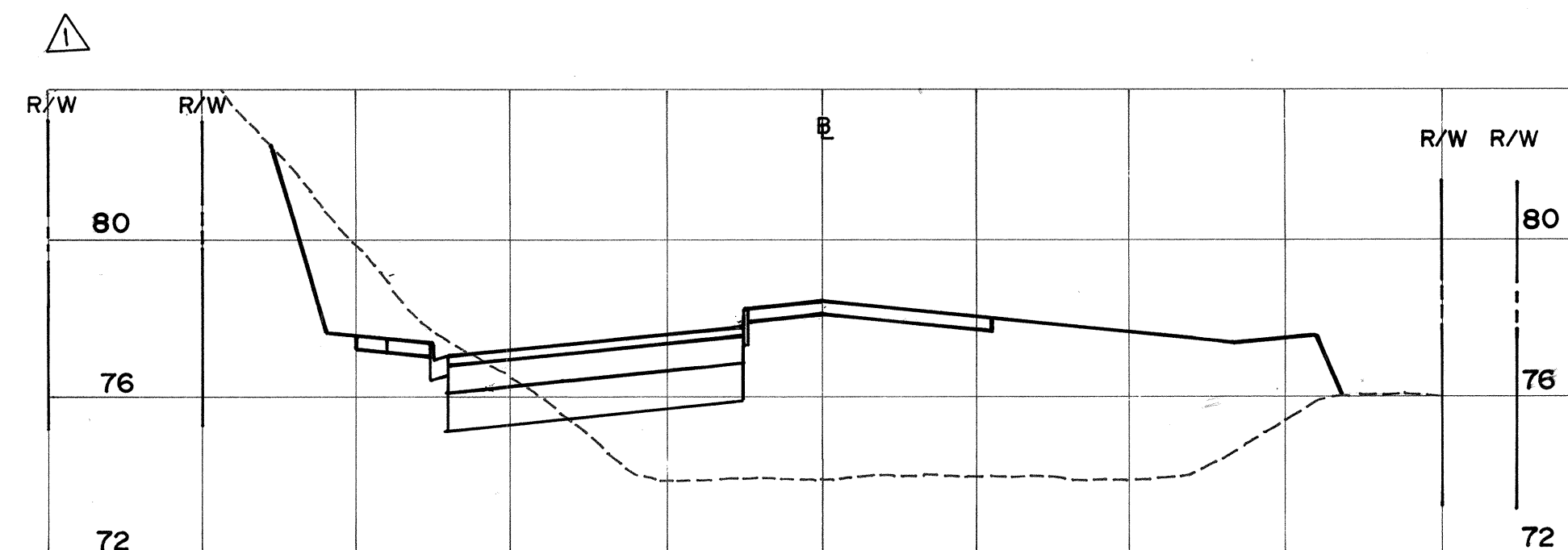
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EMB = 110.9 CY



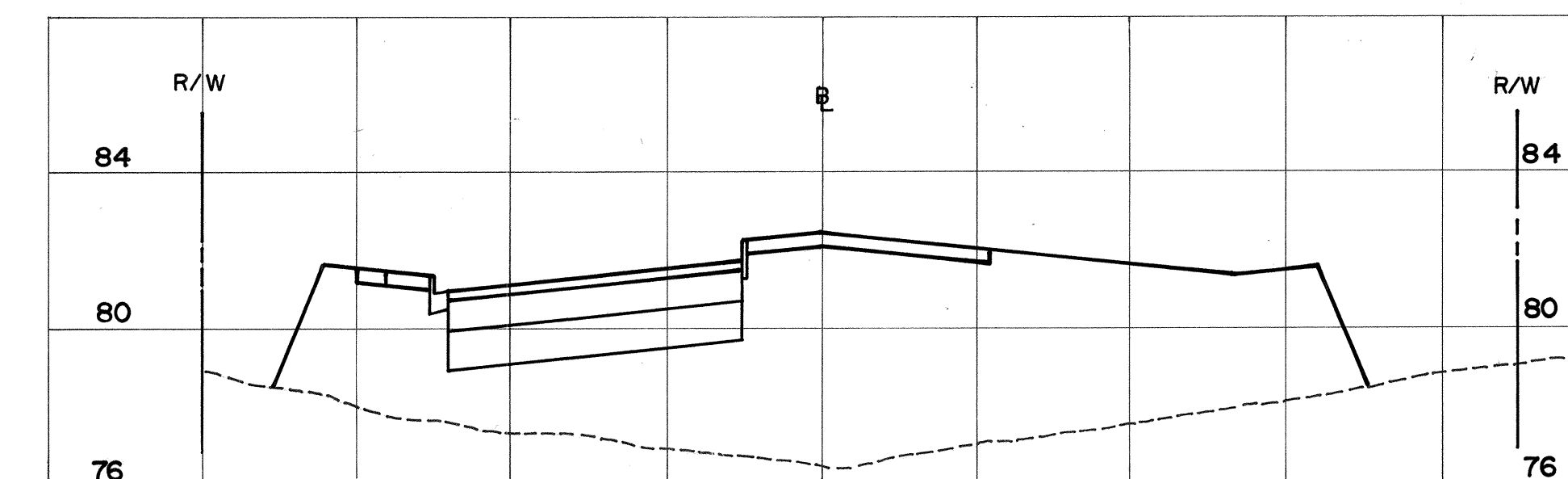
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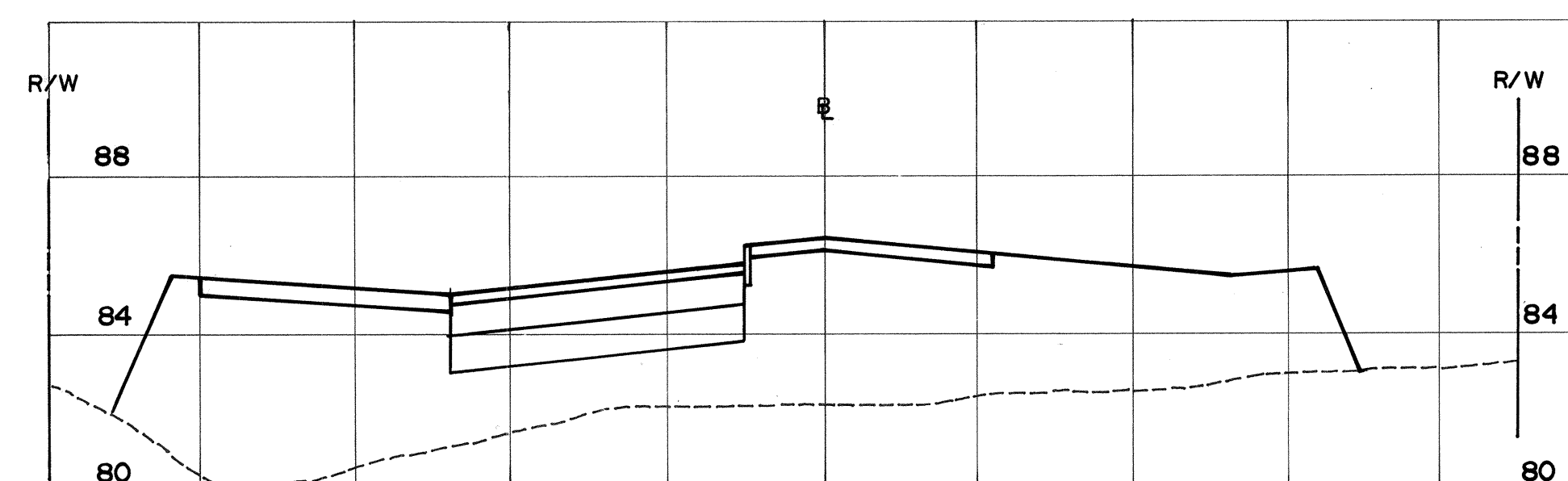
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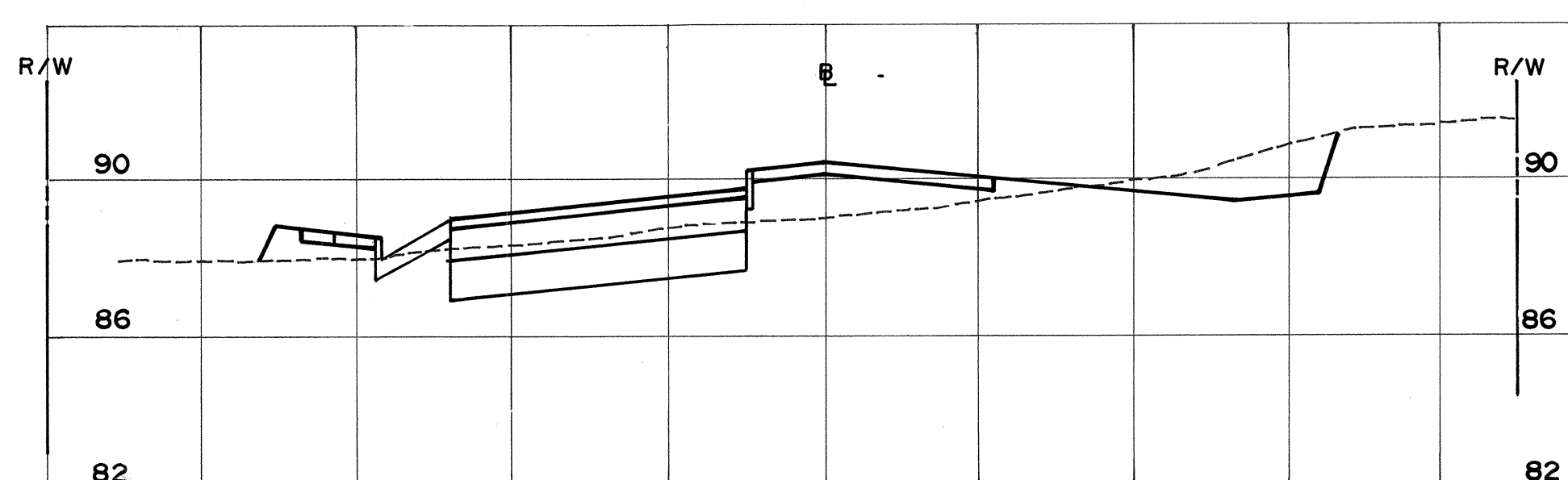
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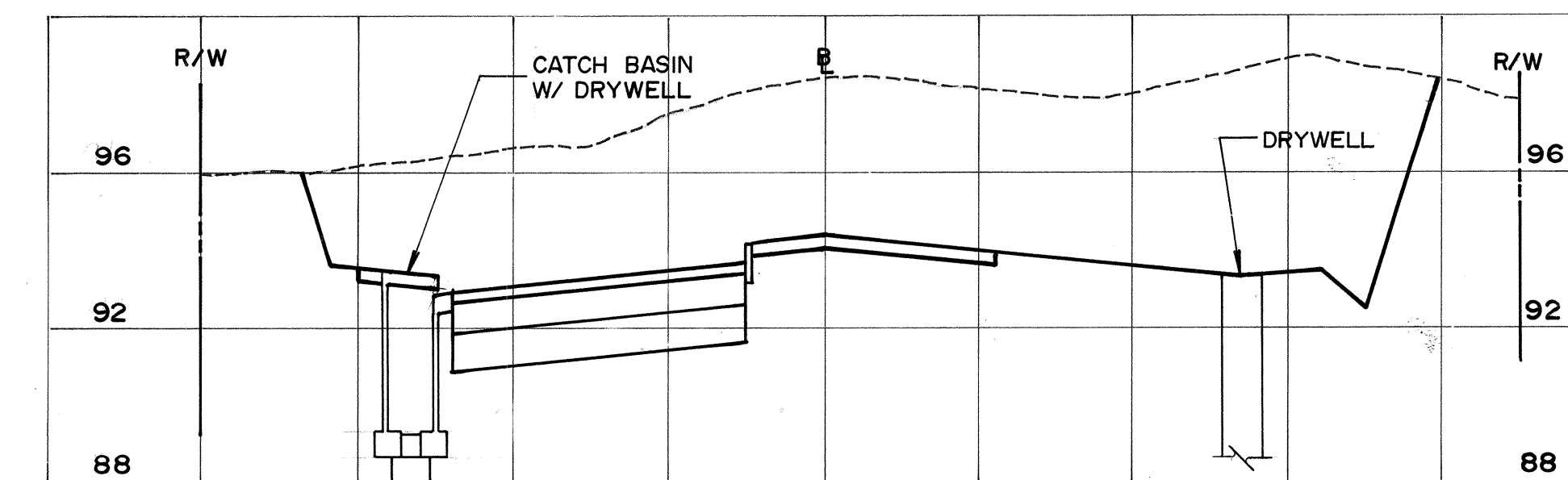
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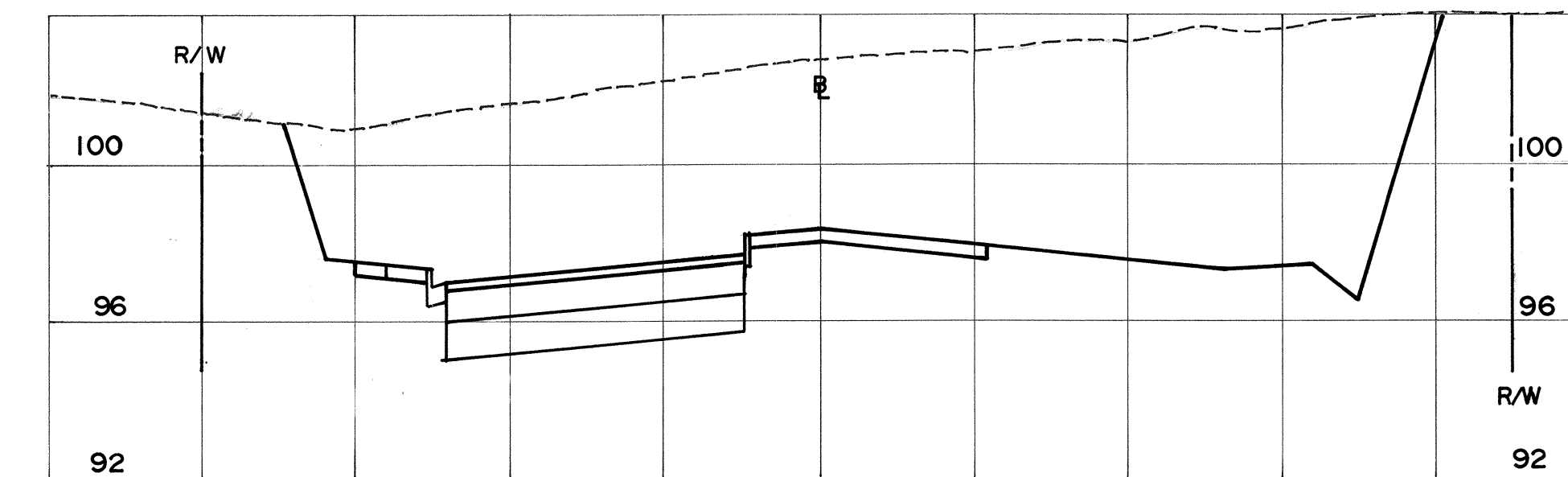
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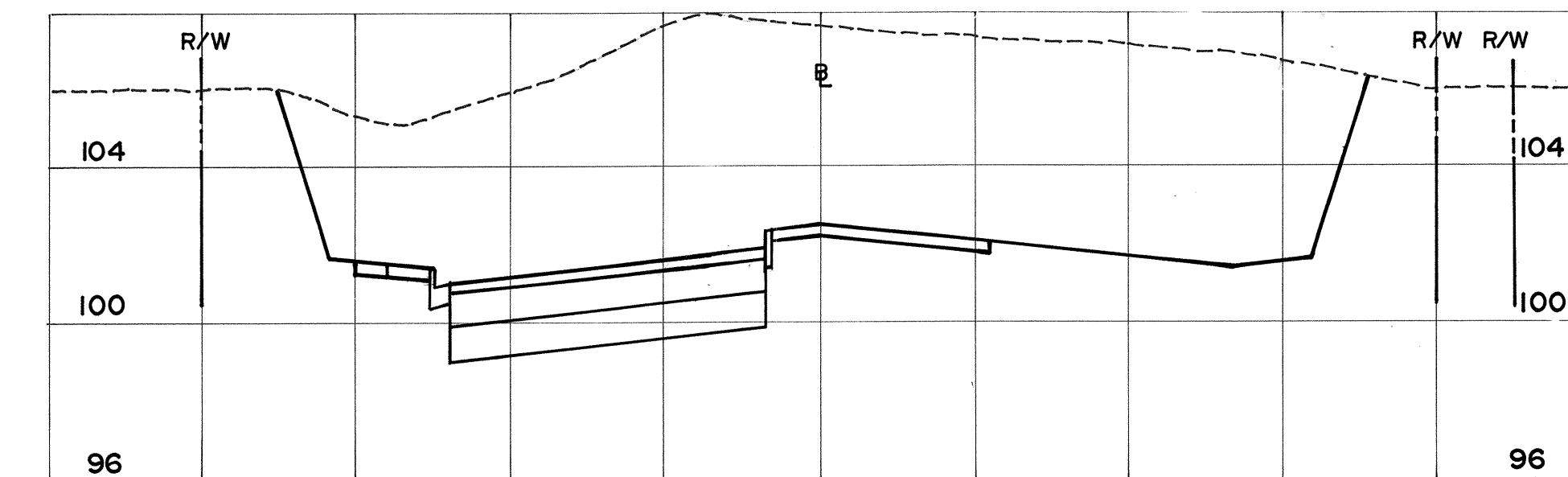
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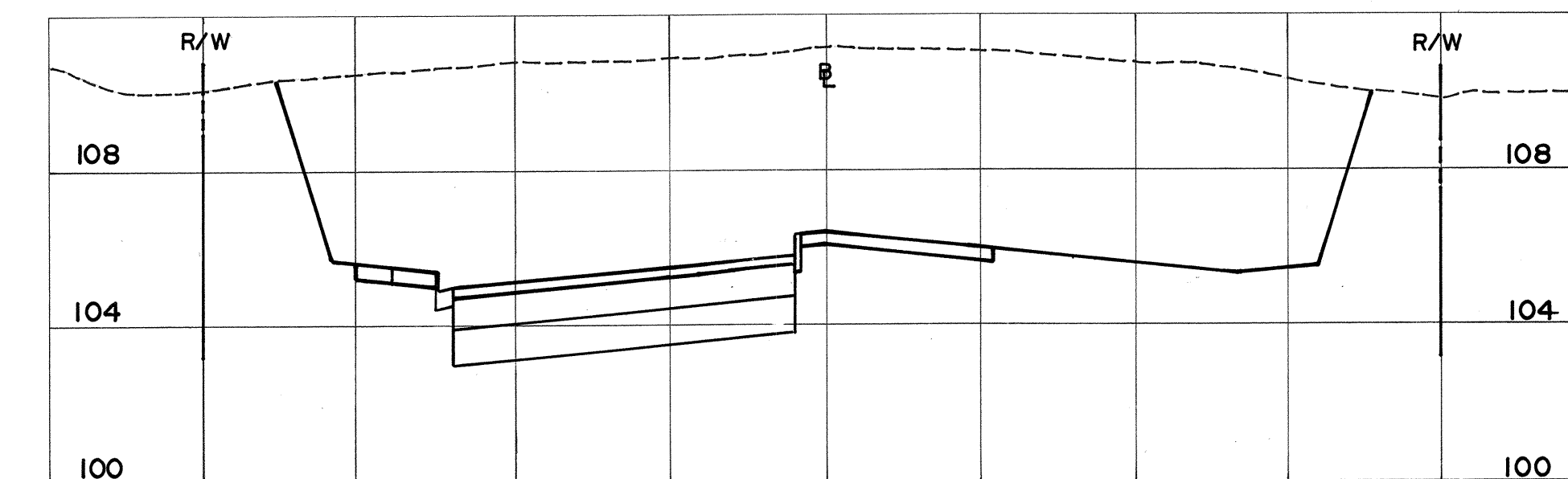
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EMB = 32.0 CY



CUT = 800.6 SF
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EXC = 1361.6 CY
EMB = 0.0 CY



CUT = 784.5 SF
FILL = 0.0 SF
EXC = 1467.7 CY
EMB = 0.0 CY



CUT = 807.8 SF
FILL = 0.0 SF
EXC = 1474.4 CY
EMB = 0.0 CY

SCALES: HORIZ. : 1" = 20'
VERT. : 1" = 4'

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HOUSING FINANCE AND DEVELOPMENT CORPORATION
STATE OF HAWAII

VILLAGES OF LA'I OPUA
MAUKA-MAKAI ROADWAY IMPROVEMENTS
PHASE-1

KEALAKEHE PARKWAY
CROSS SECTIONS
STA 13+21.30 TO STA 17+50

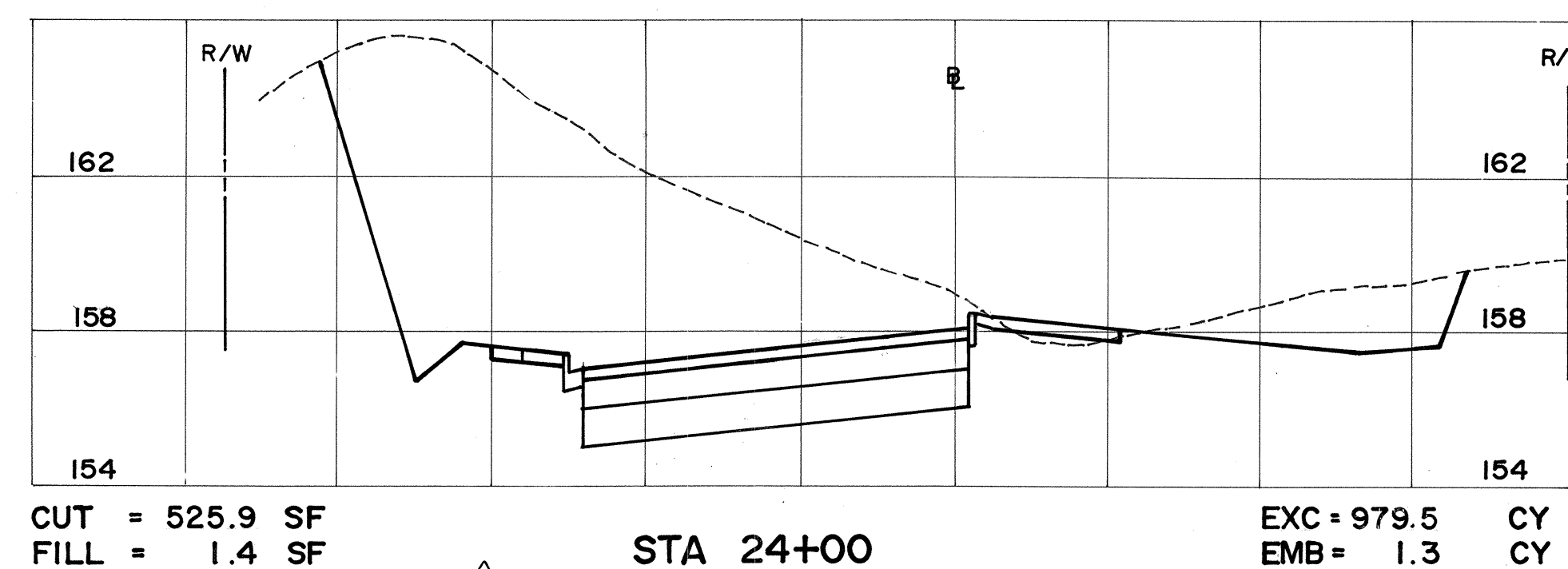
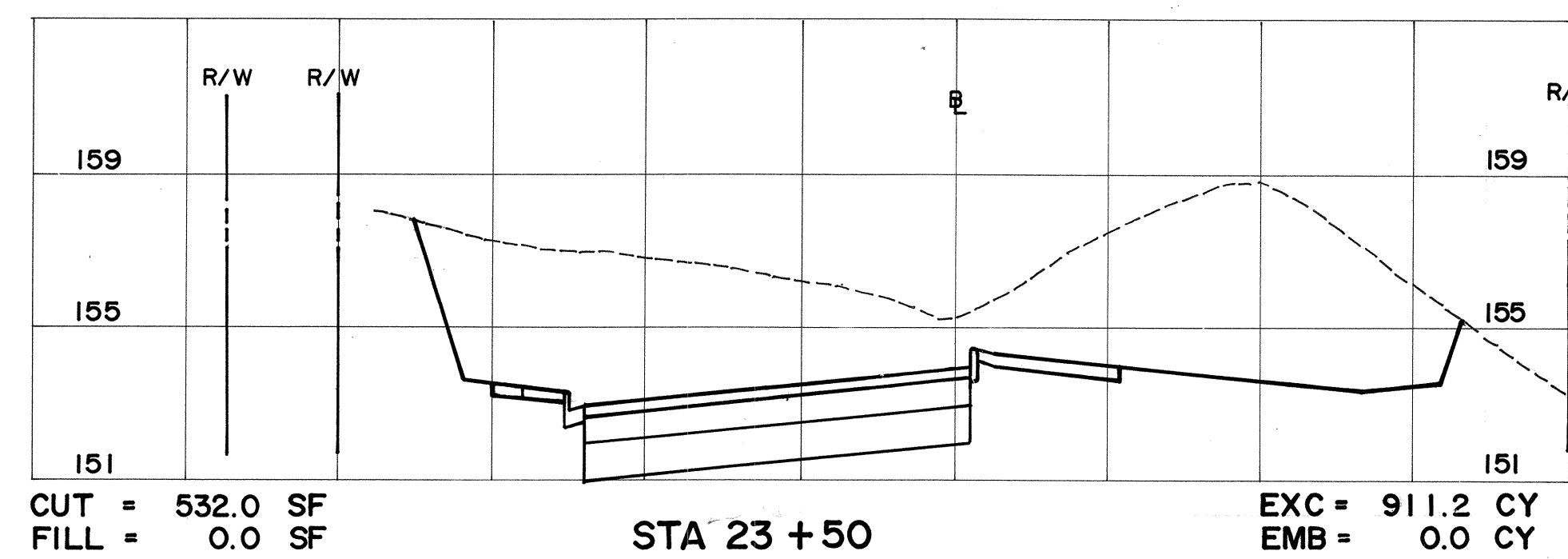
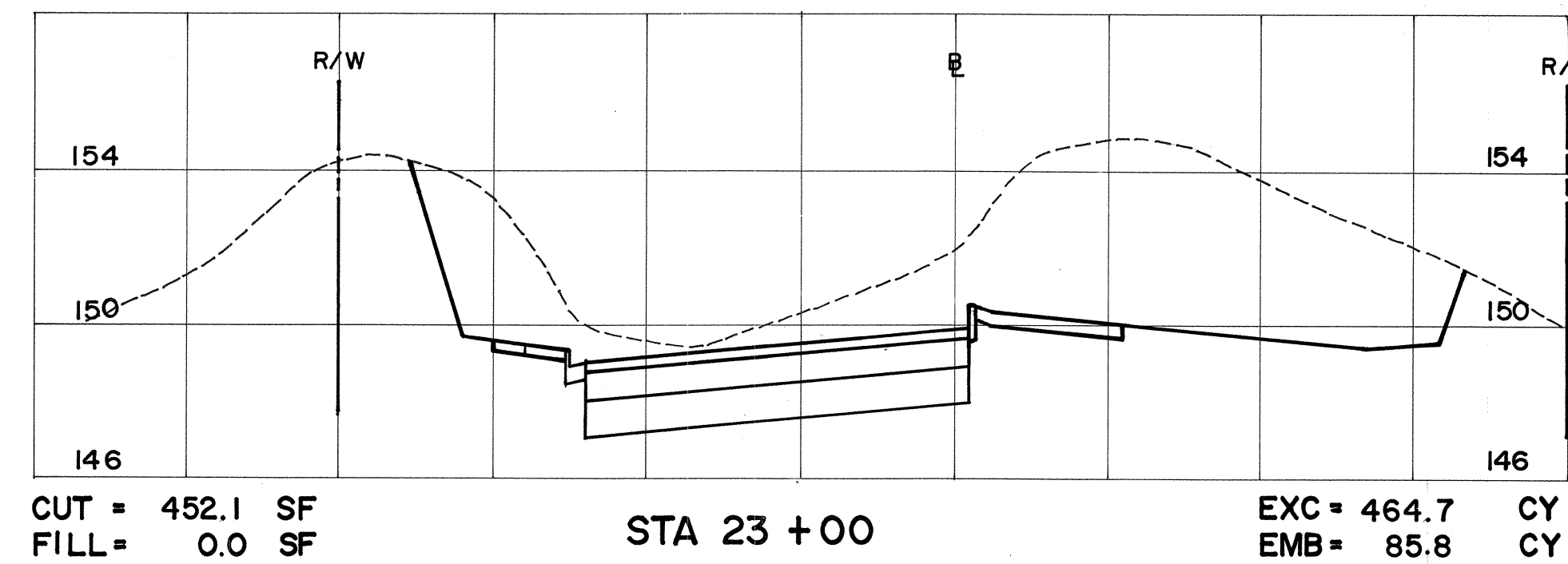
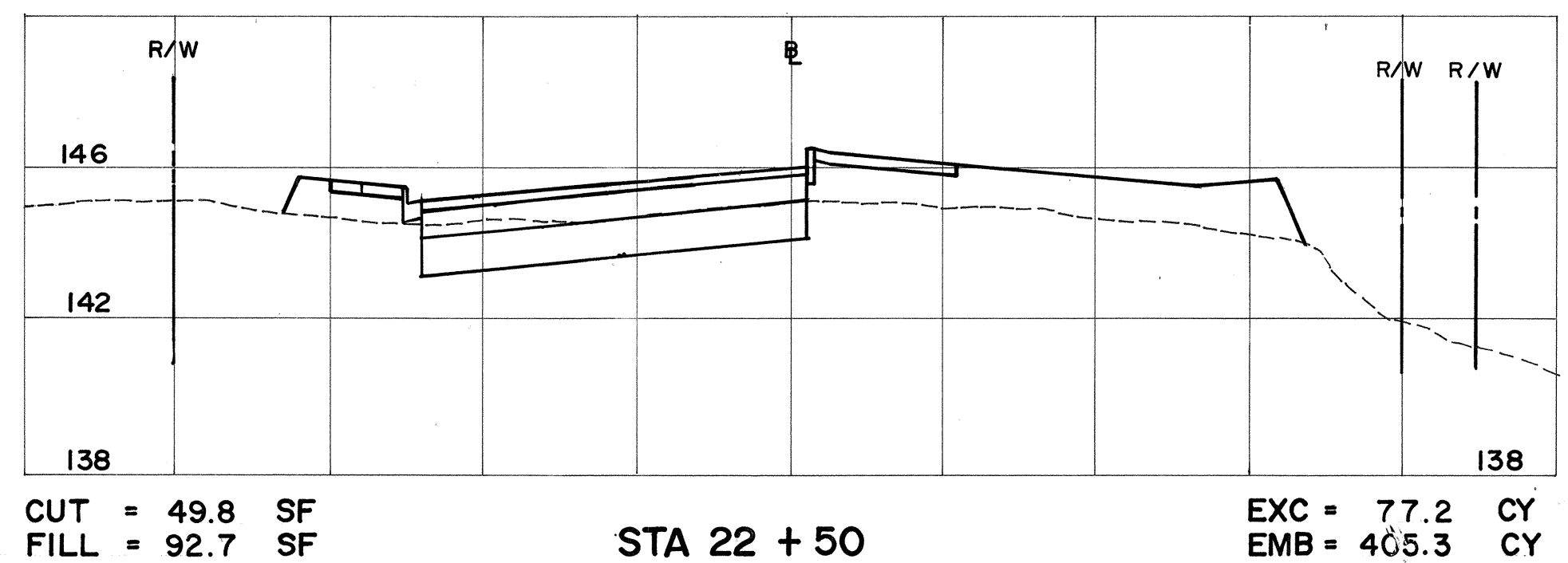
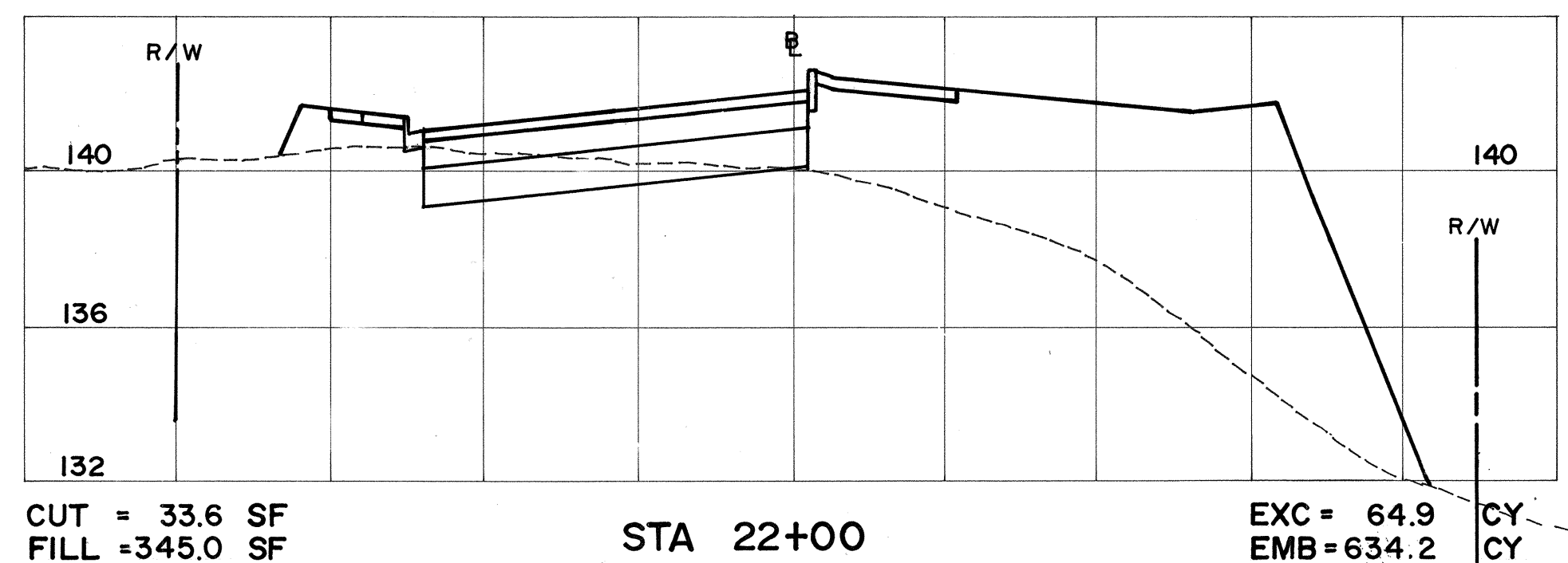
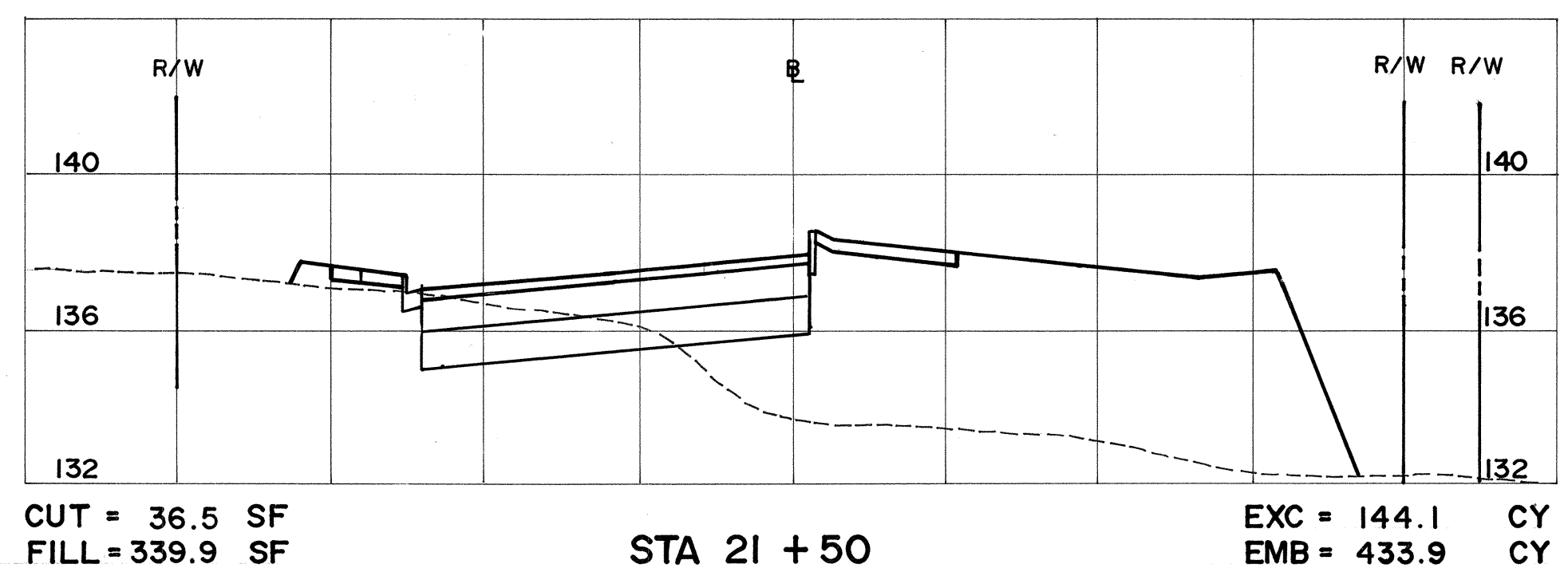
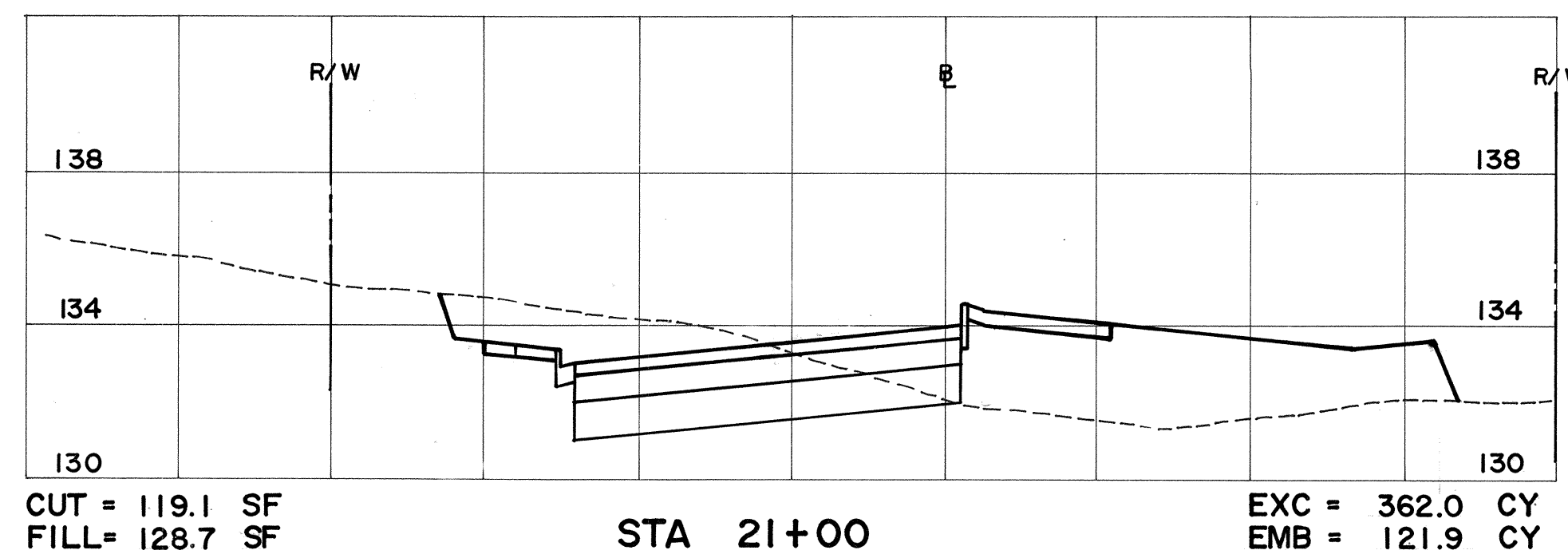
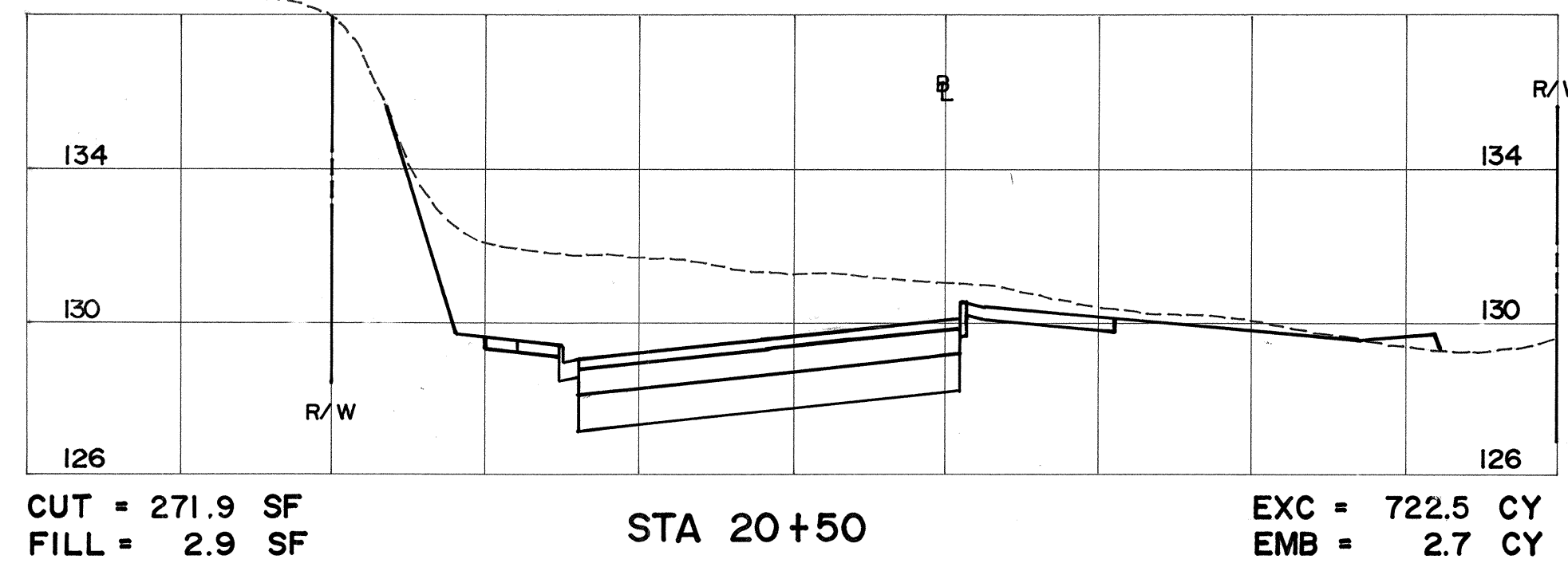
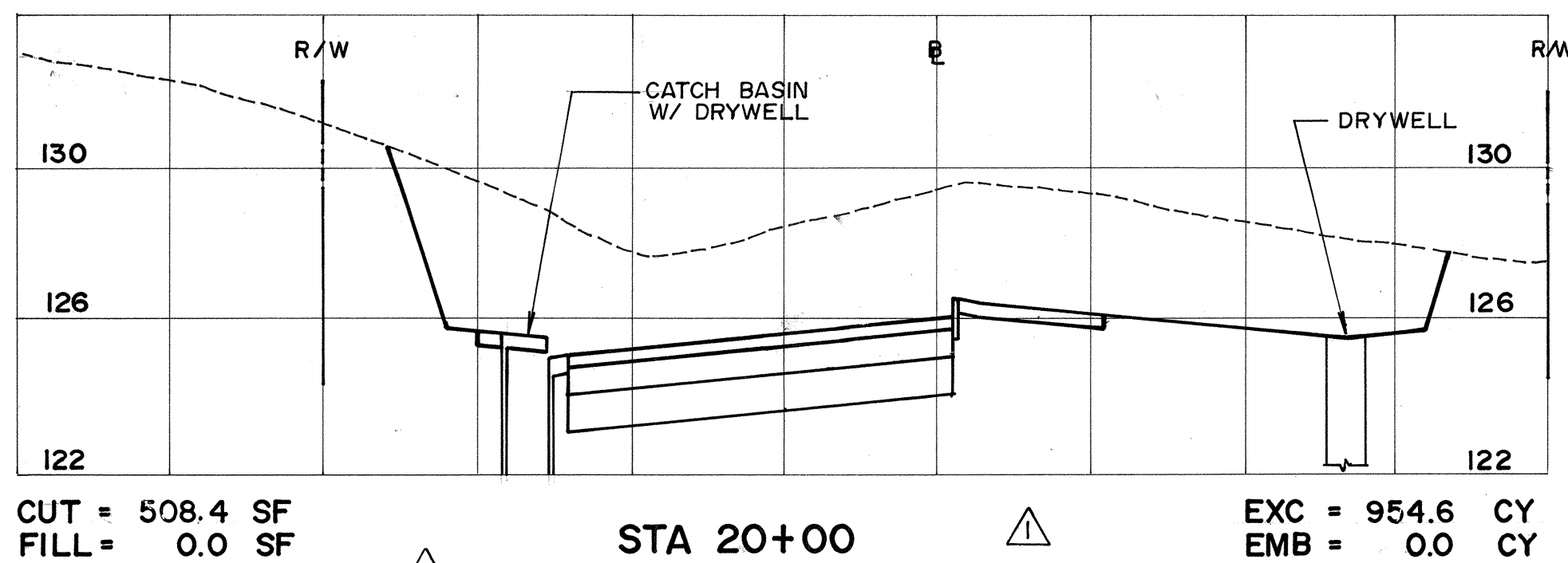
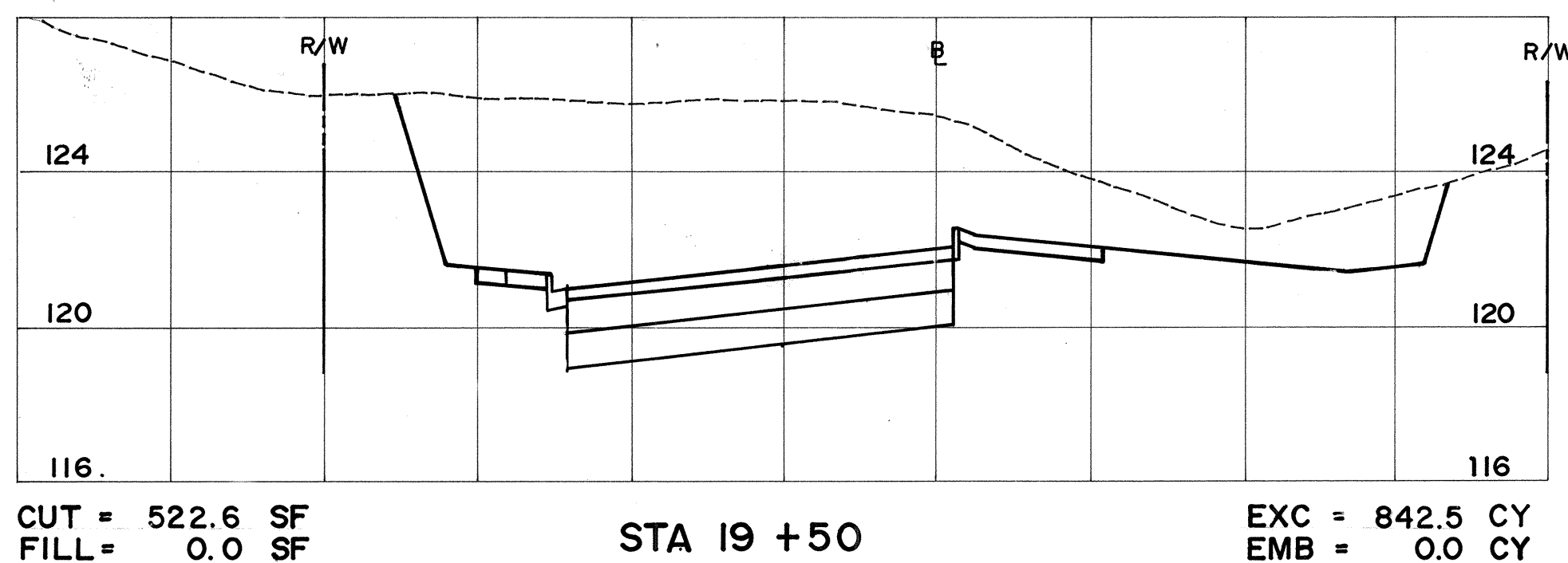
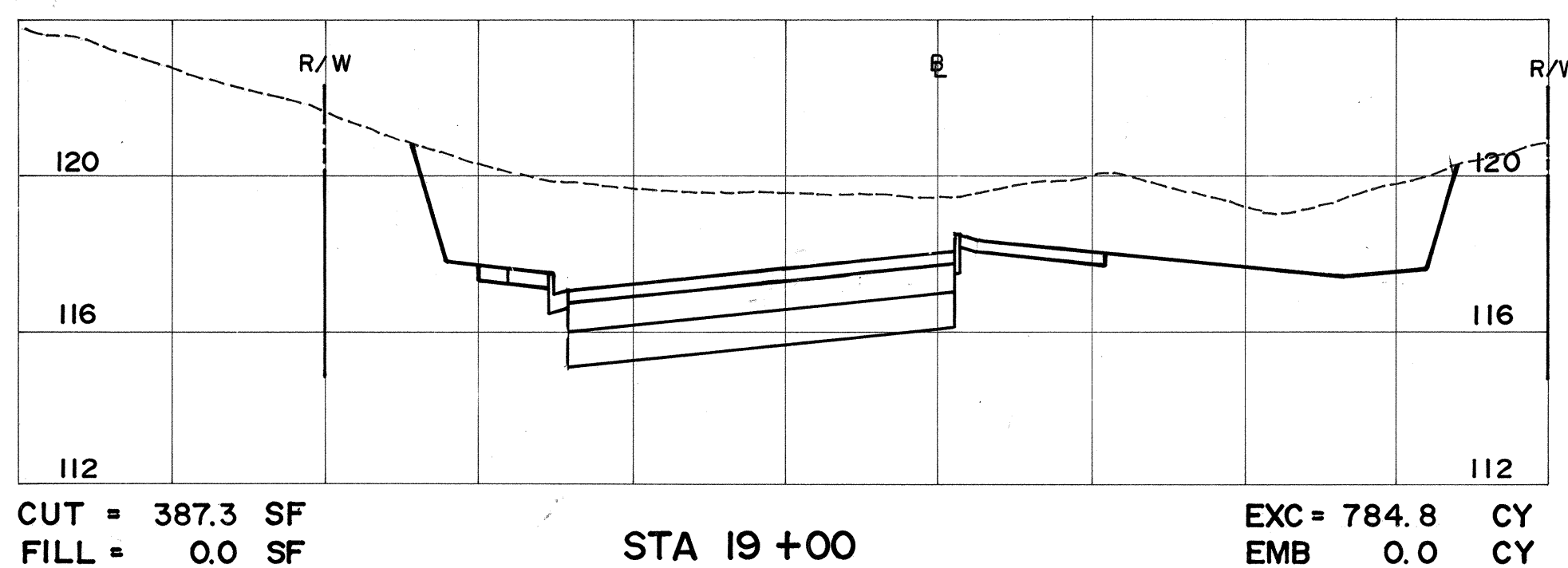
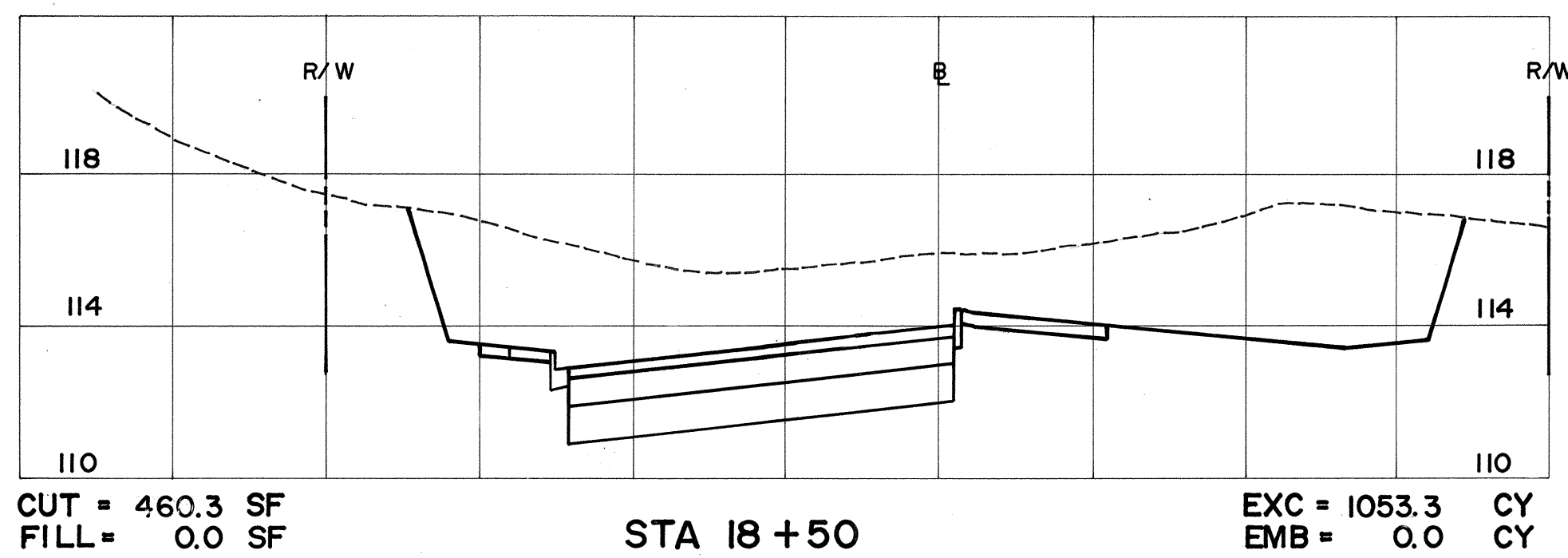
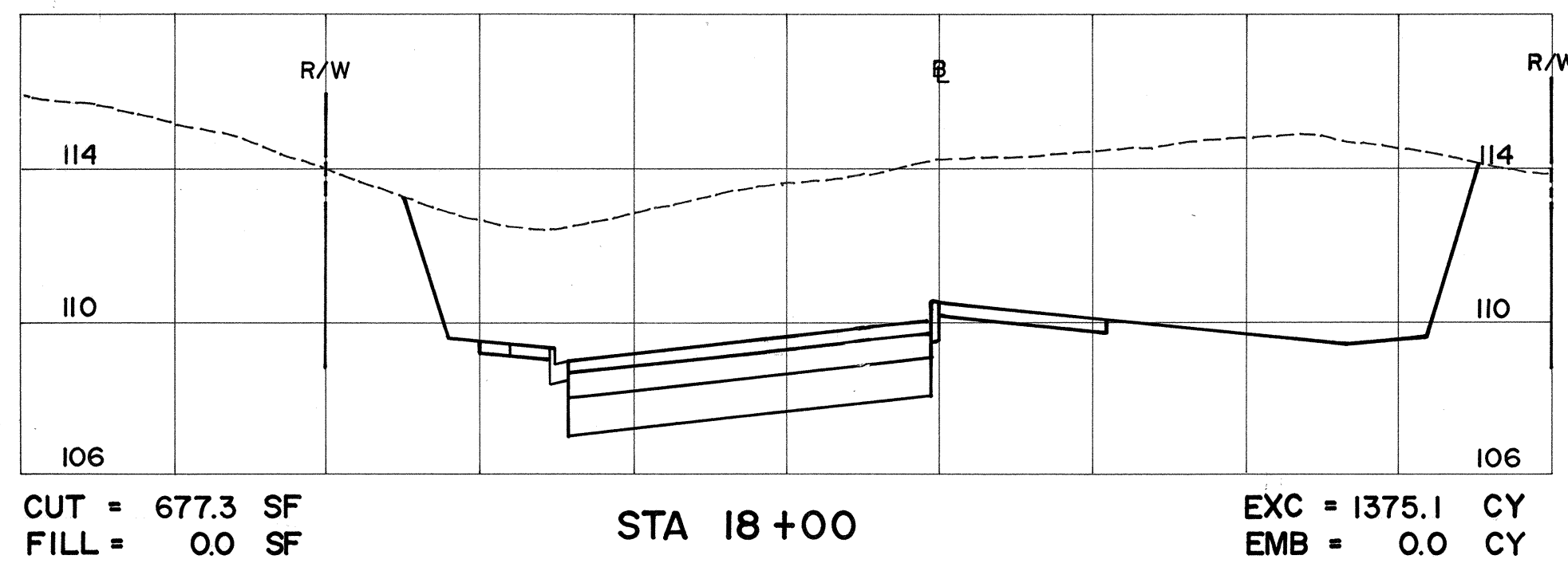
Designed by: _____ Date: _____
Drawn by: _____ Proj. no. (BCA) 841.0104B

Approved: _____
Date: _____

Rev	Date	Description	Eng	App
1	7-14-92	REVISE SECTIONS	CP	
2	12/4/91	REVISE SECTIONS	CP	

Cheryl M. Paley
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CHERYL M. PALEY
REGISTERED
PROFESSIONAL
ENGINEER
No. 5952-C
HAWAII, U.S.A.



SCALES: HORIZ: 1" = 20'
VERT: 1" = 4'

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Consultant:

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HOUSING FINANCE AND DEVELOPMENT CORPORATION
STATE OF HAWAII

VILLAGES OF LA'I OPUA
MAUKA-MAKAI ROADWAY IMPROVEMENTS
PHASE-1

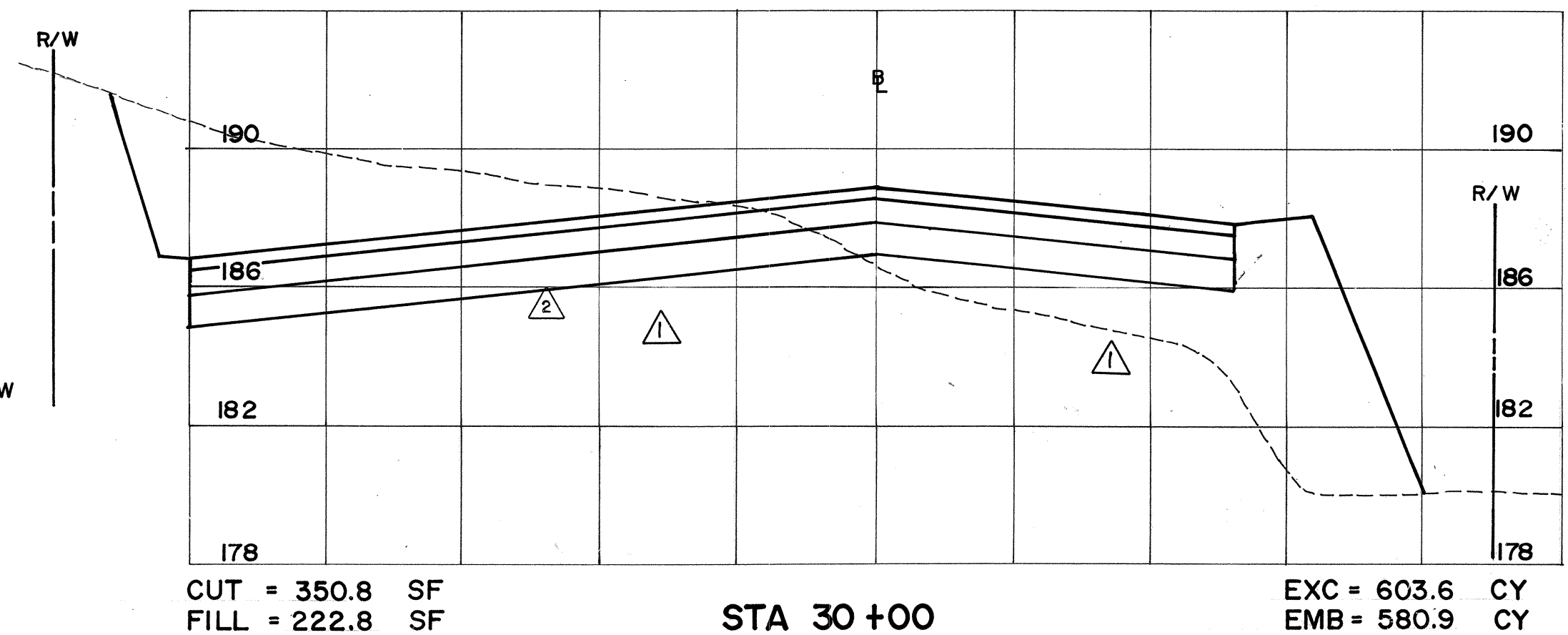
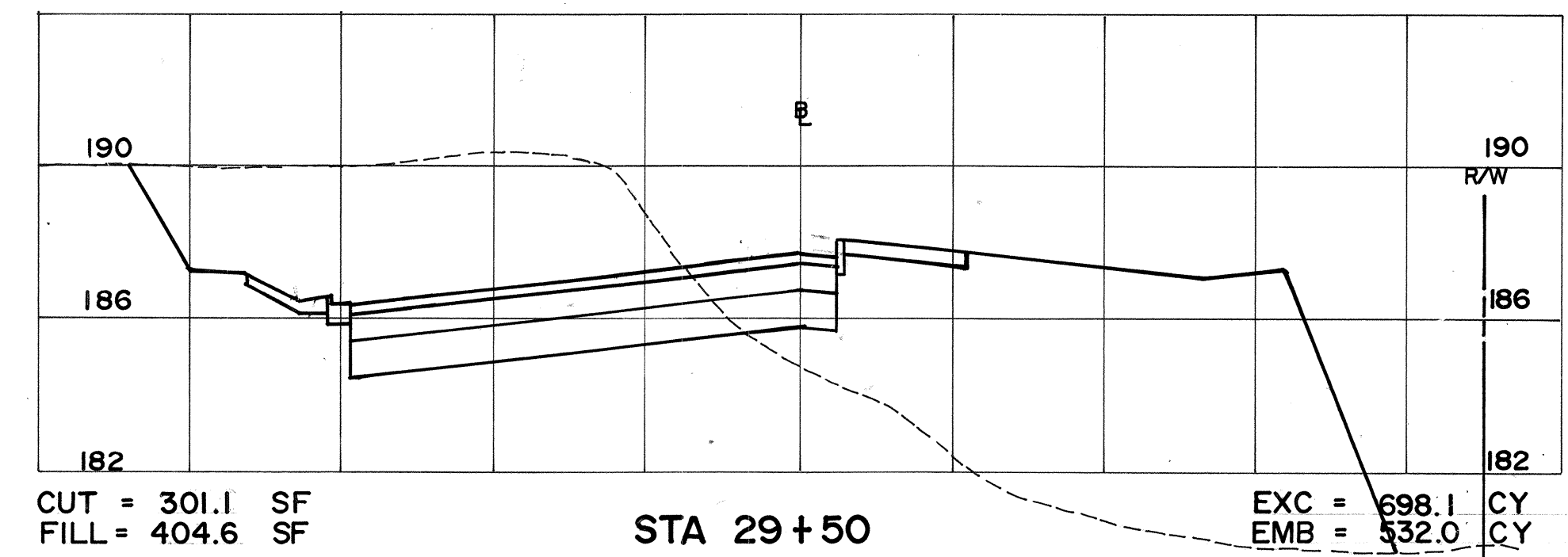
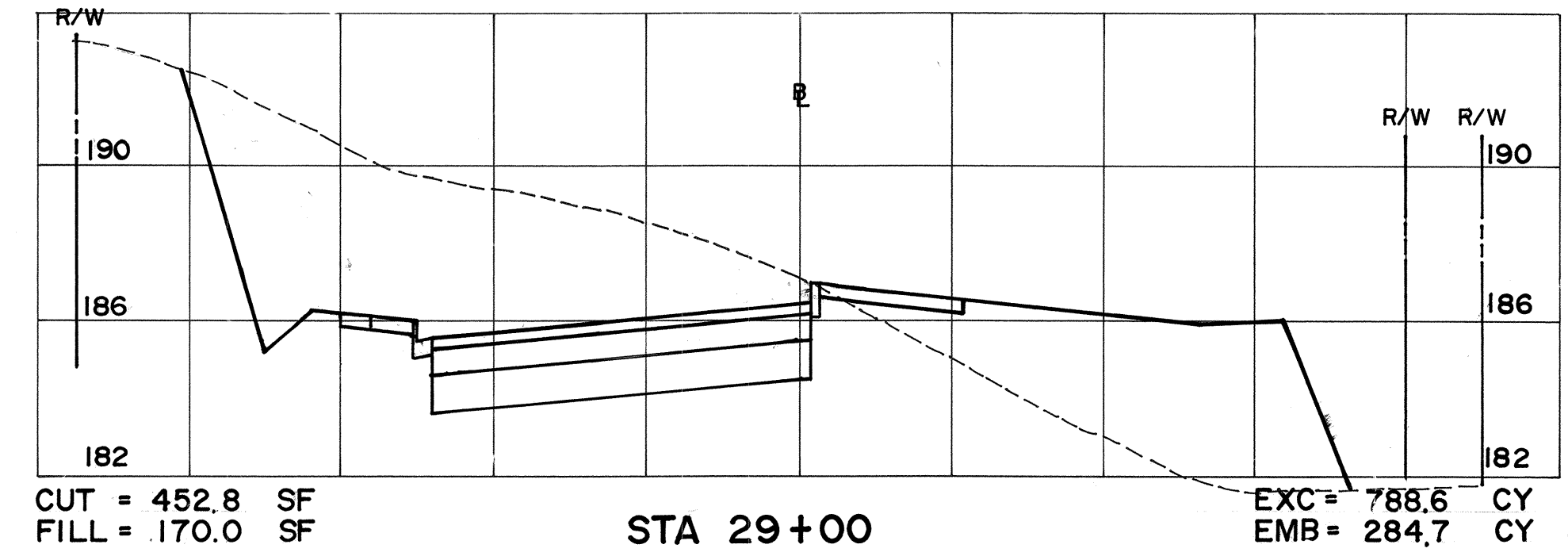
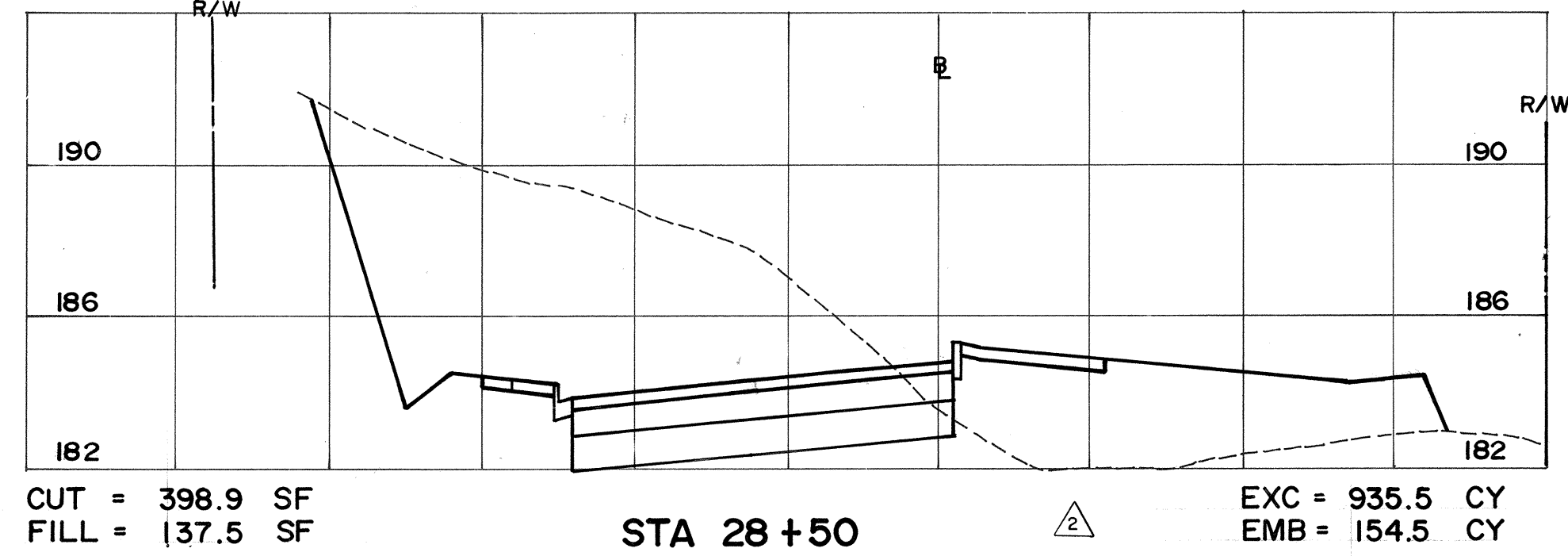
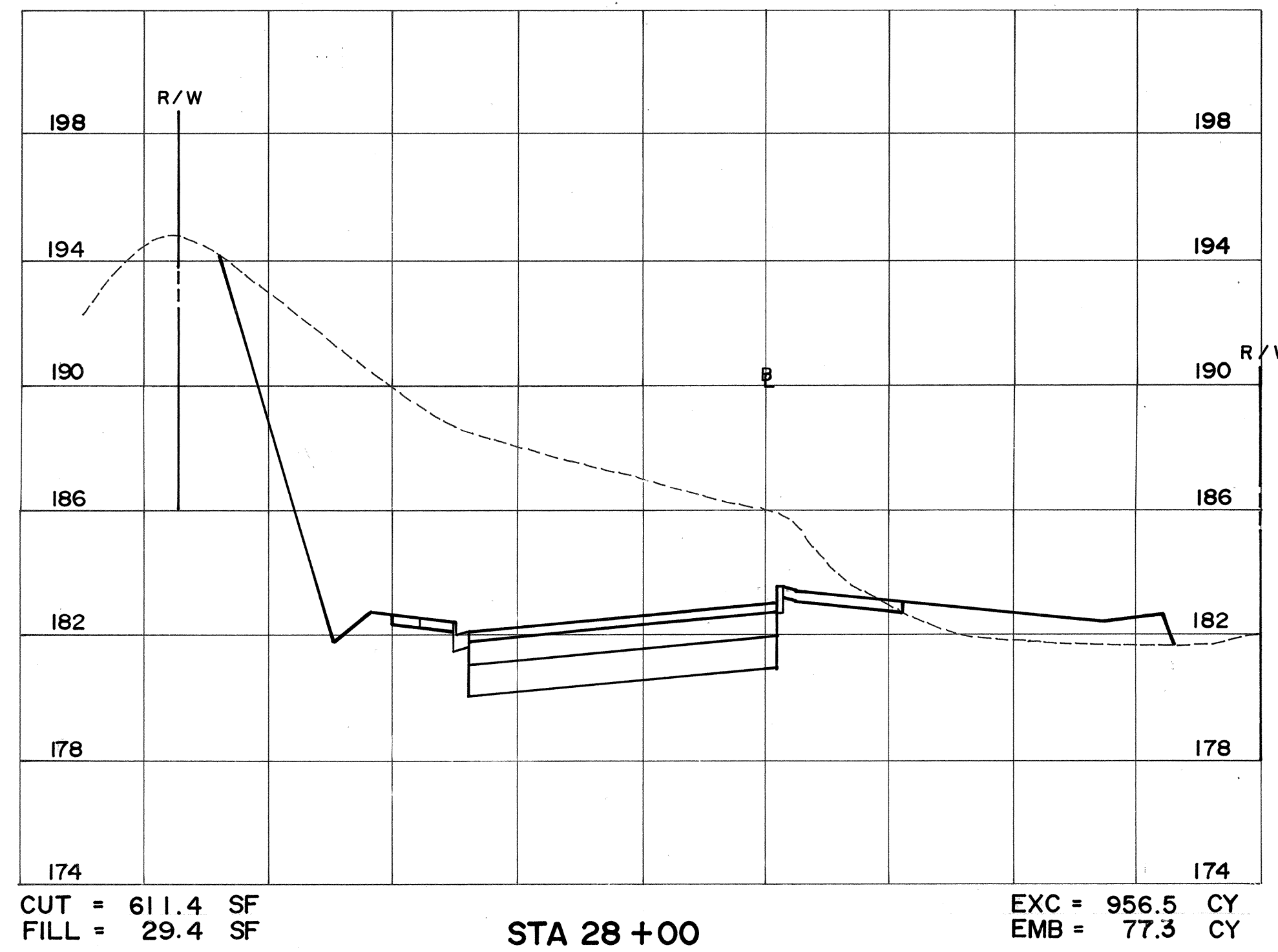
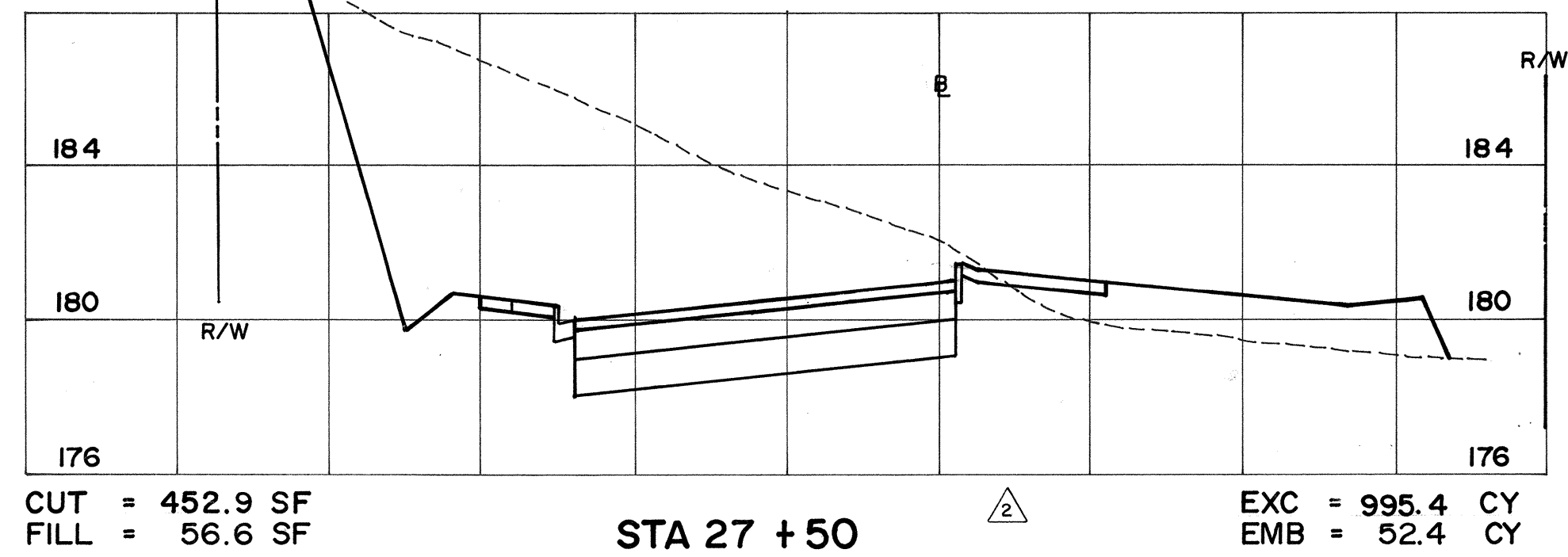
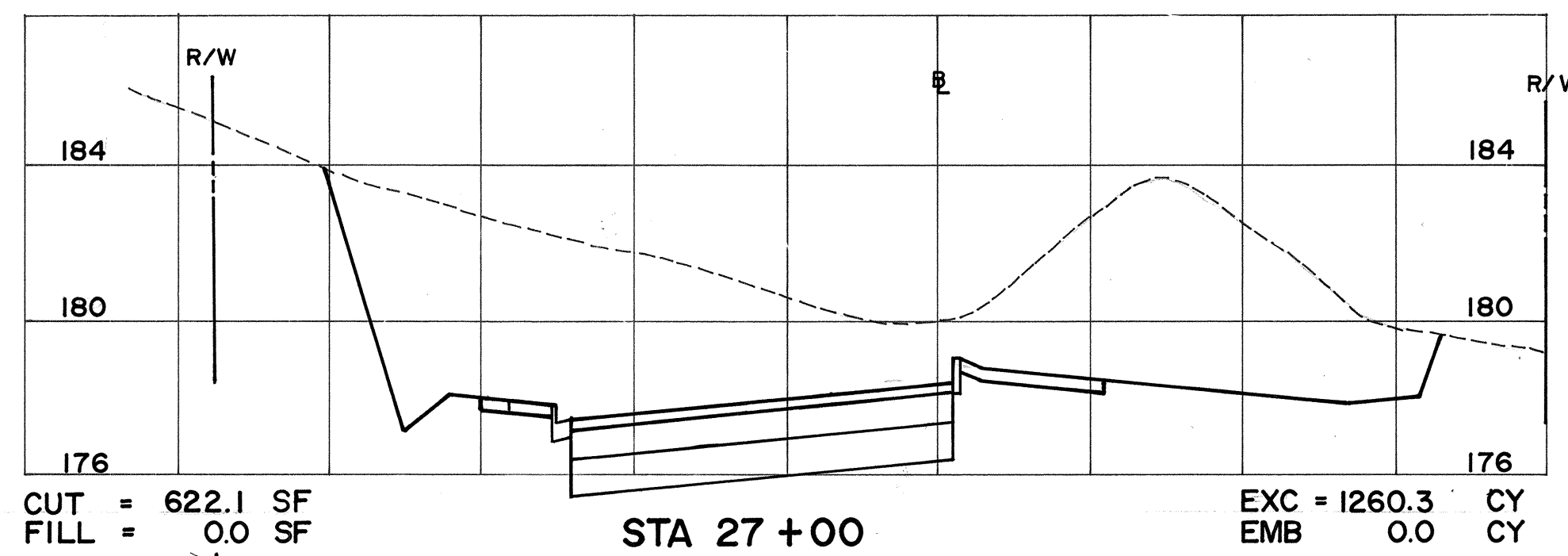
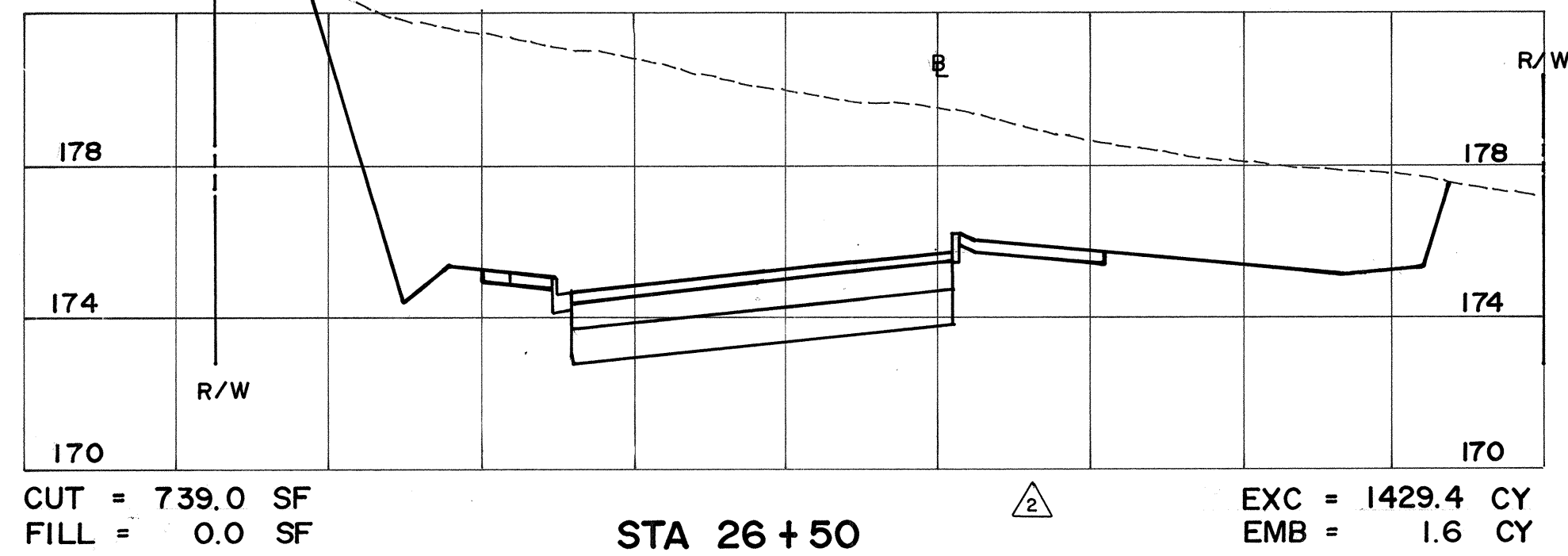
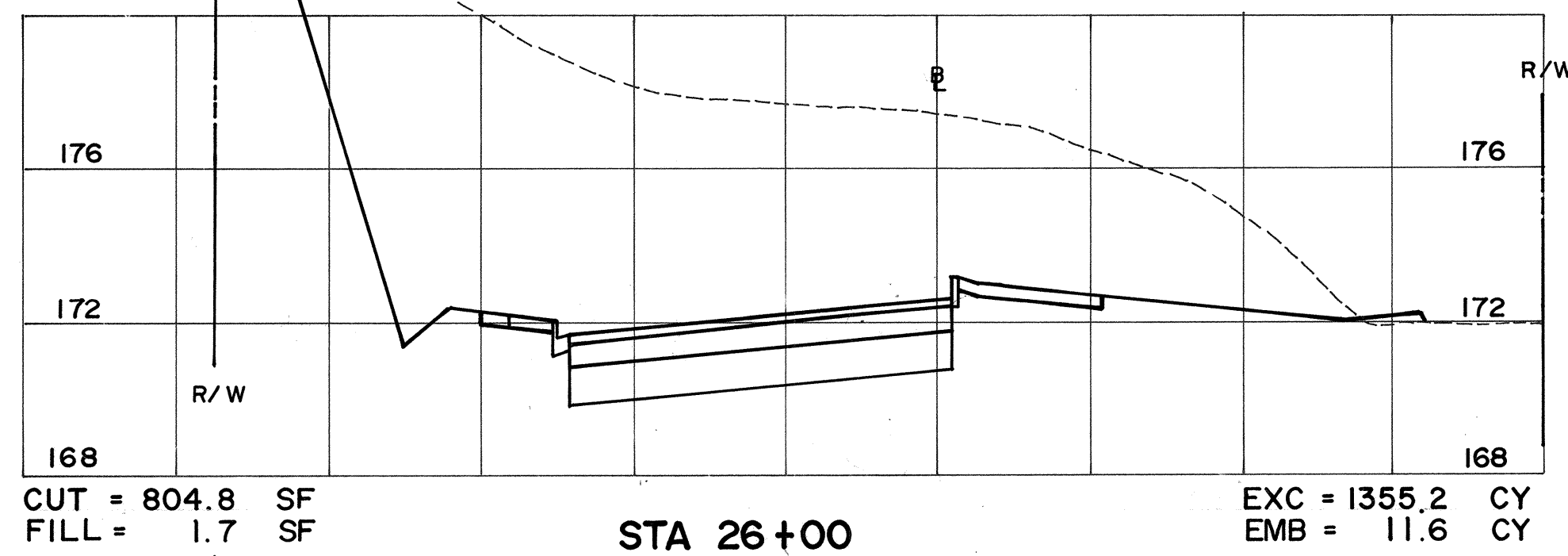
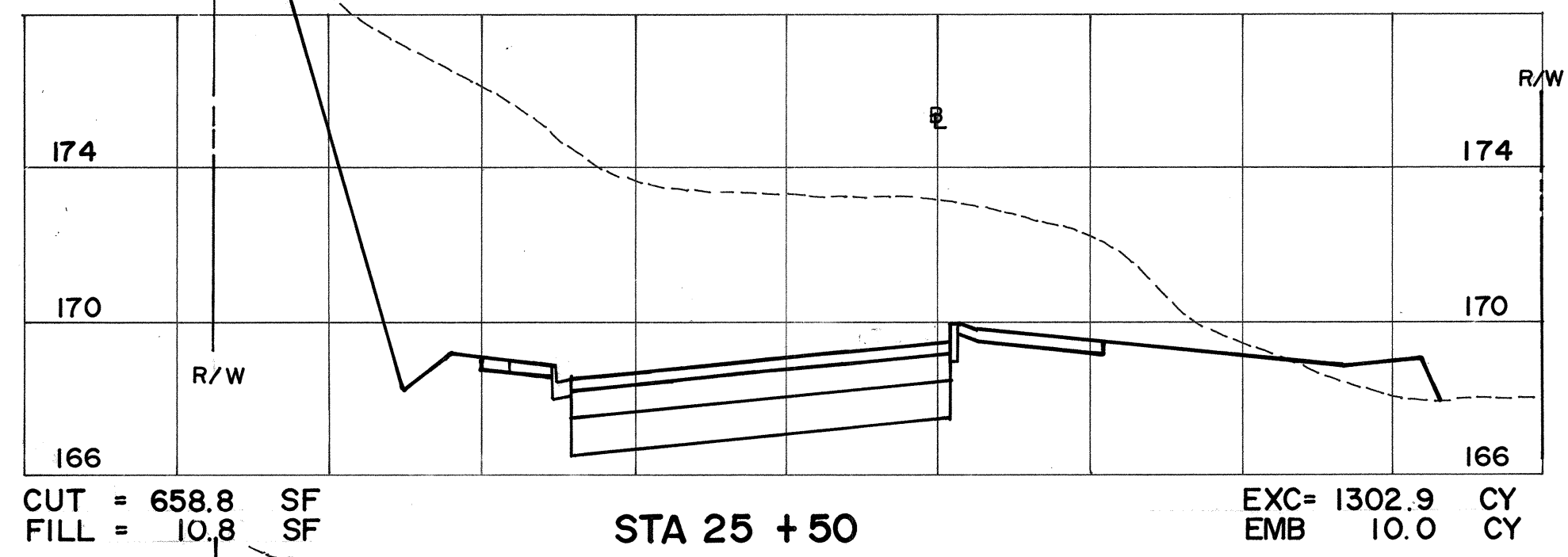
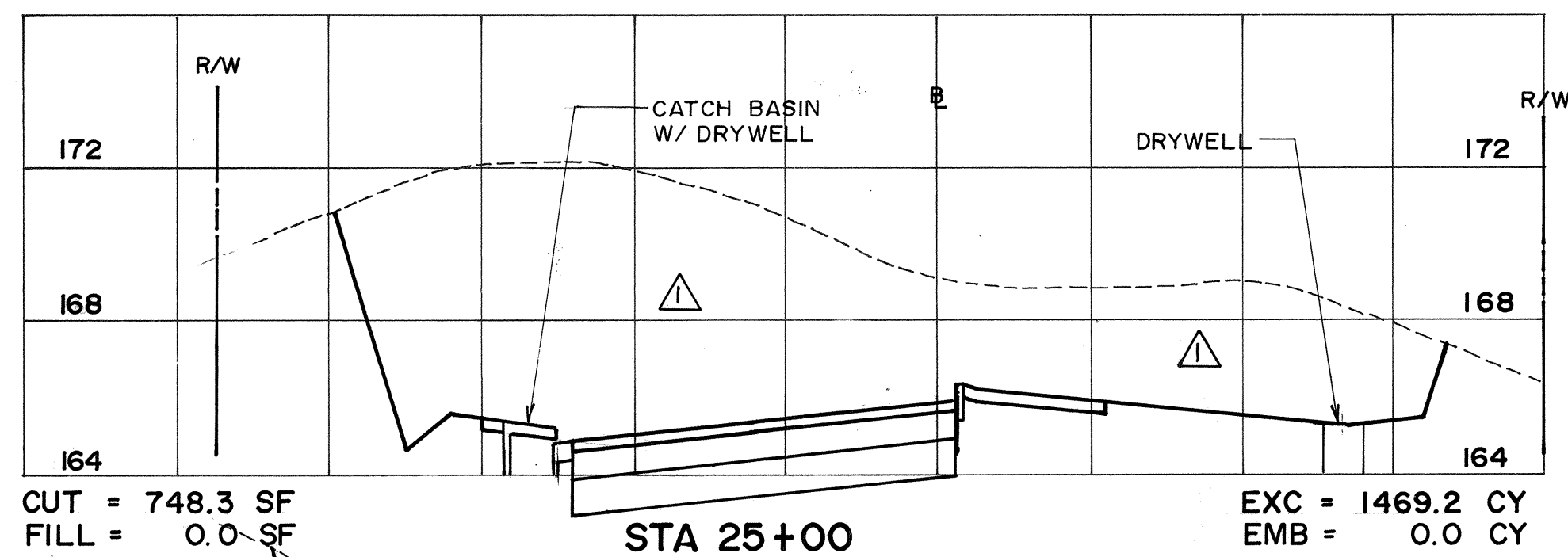
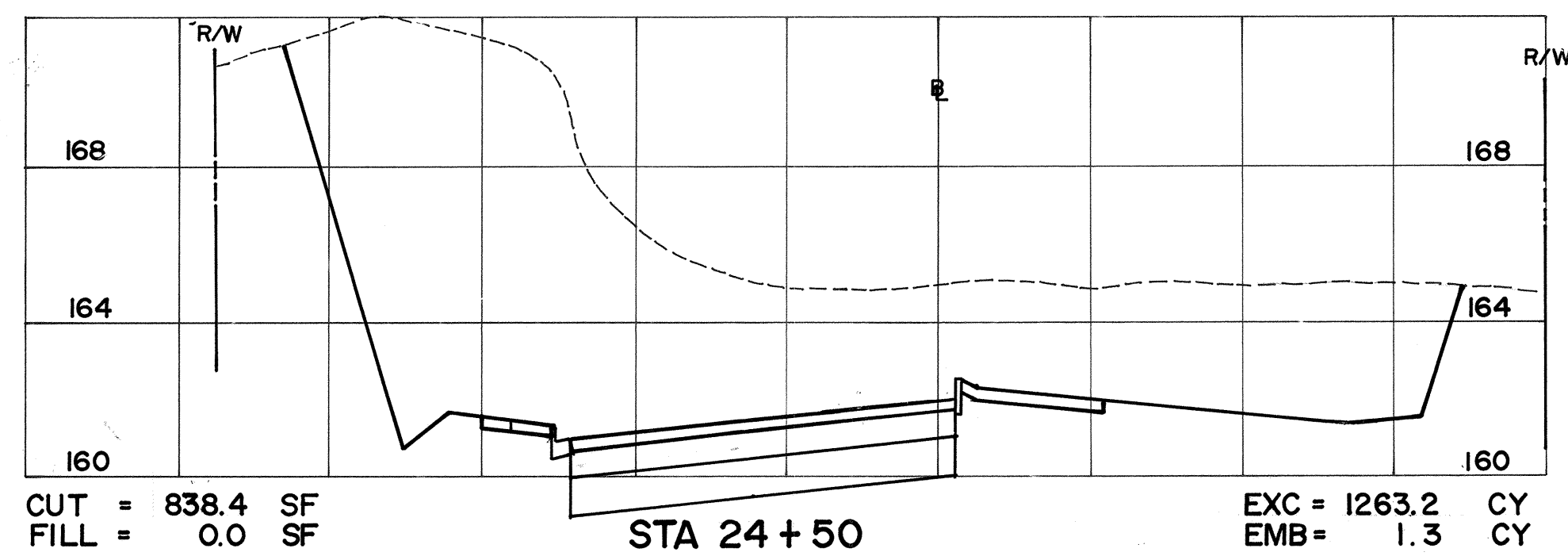
KEALAKEHE PARKWAY CROSS SECTIONS
STA 18+00 TO STA 24+00

Designed by: _____ Date: _____
Drawn by: _____ Date: _____
Approved: _____ Date: _____
Proj. no.: (BCA) 841.0104B

Rev	Date	Description	Eng	App
1	7-14-92	REVISE SECTIONS	CP	
2	12/4/91	REVISE SECTIONS	CP	

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PHASE-1

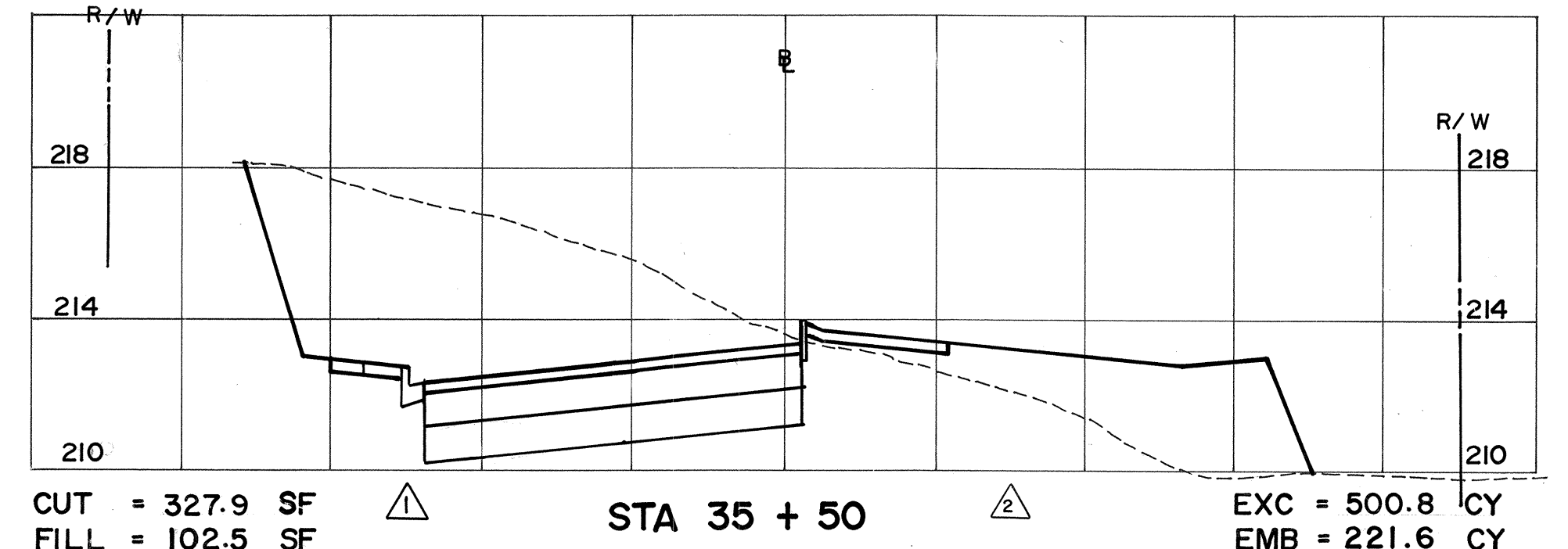
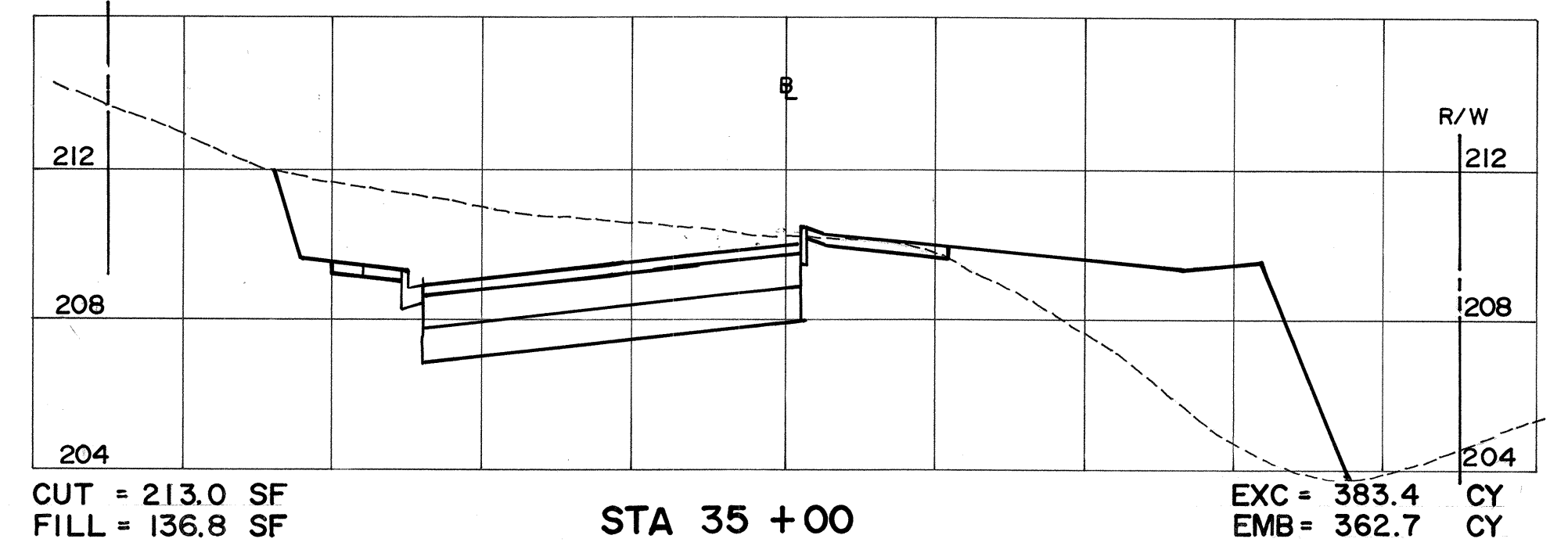
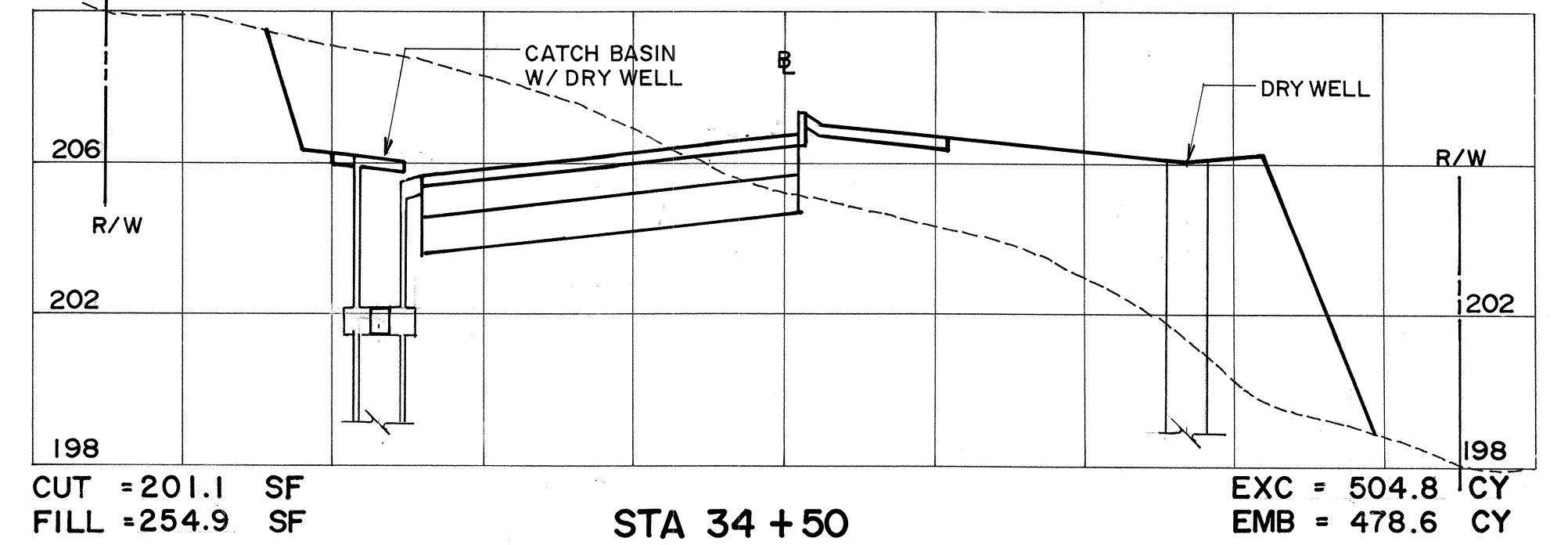
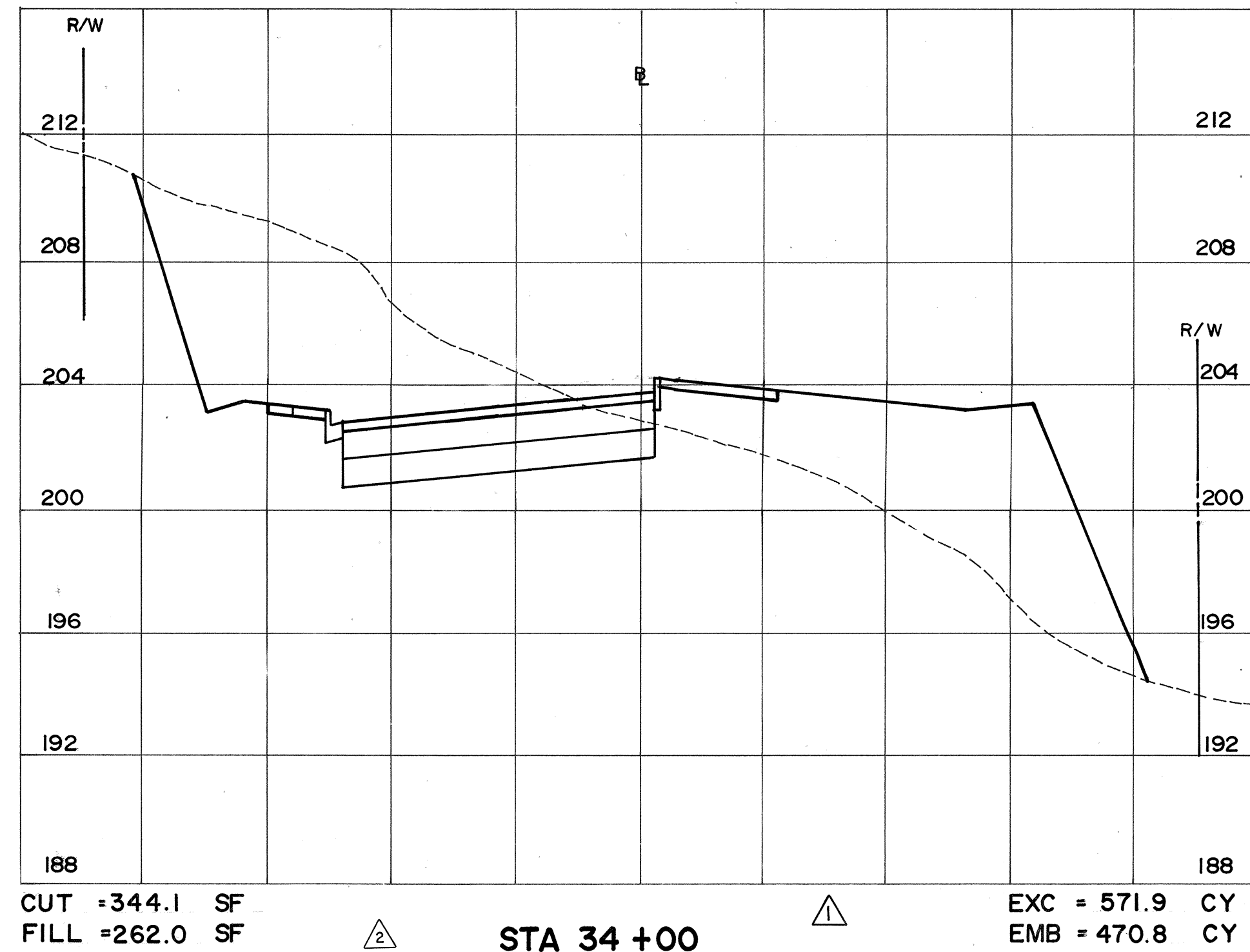
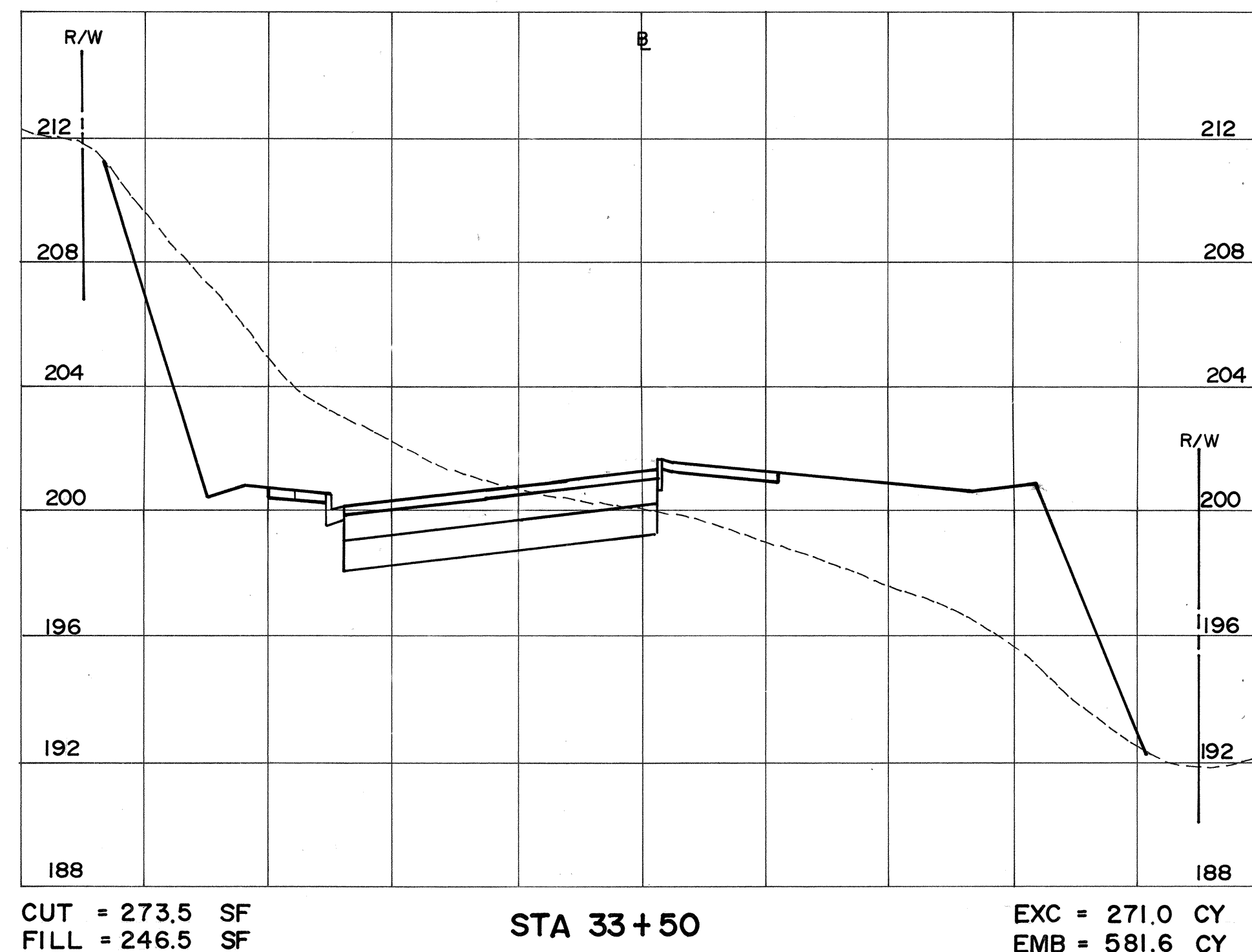
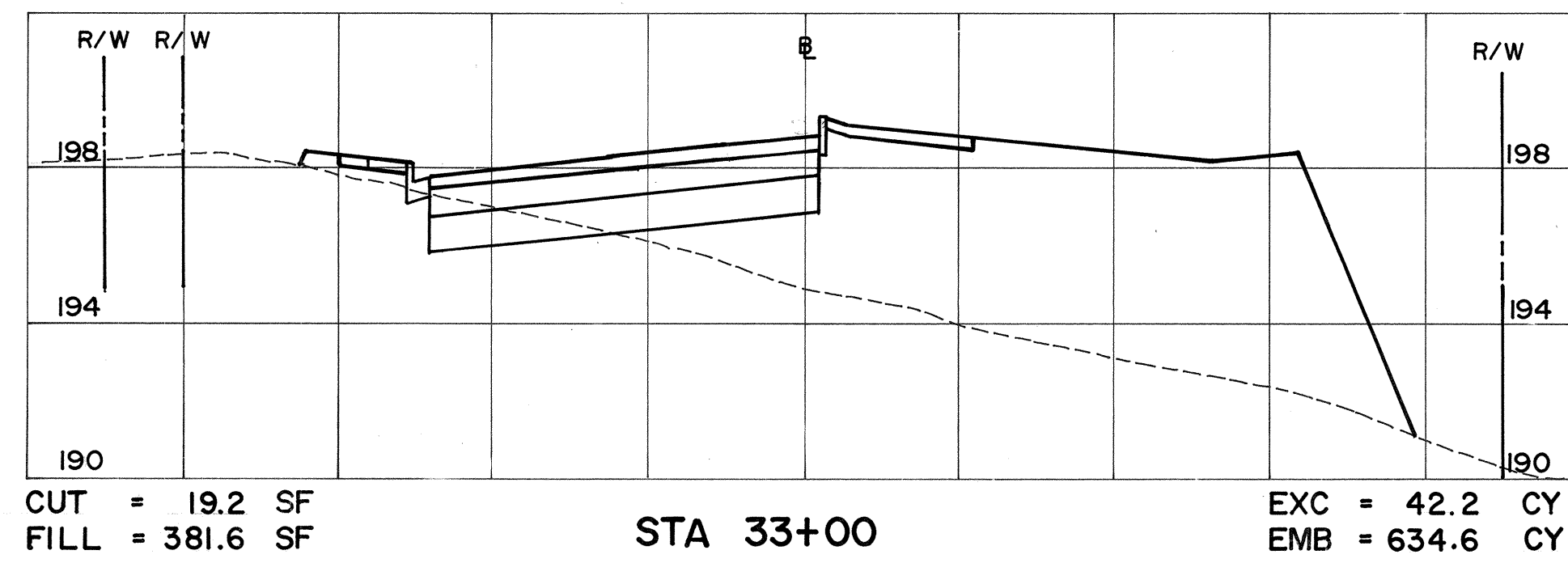
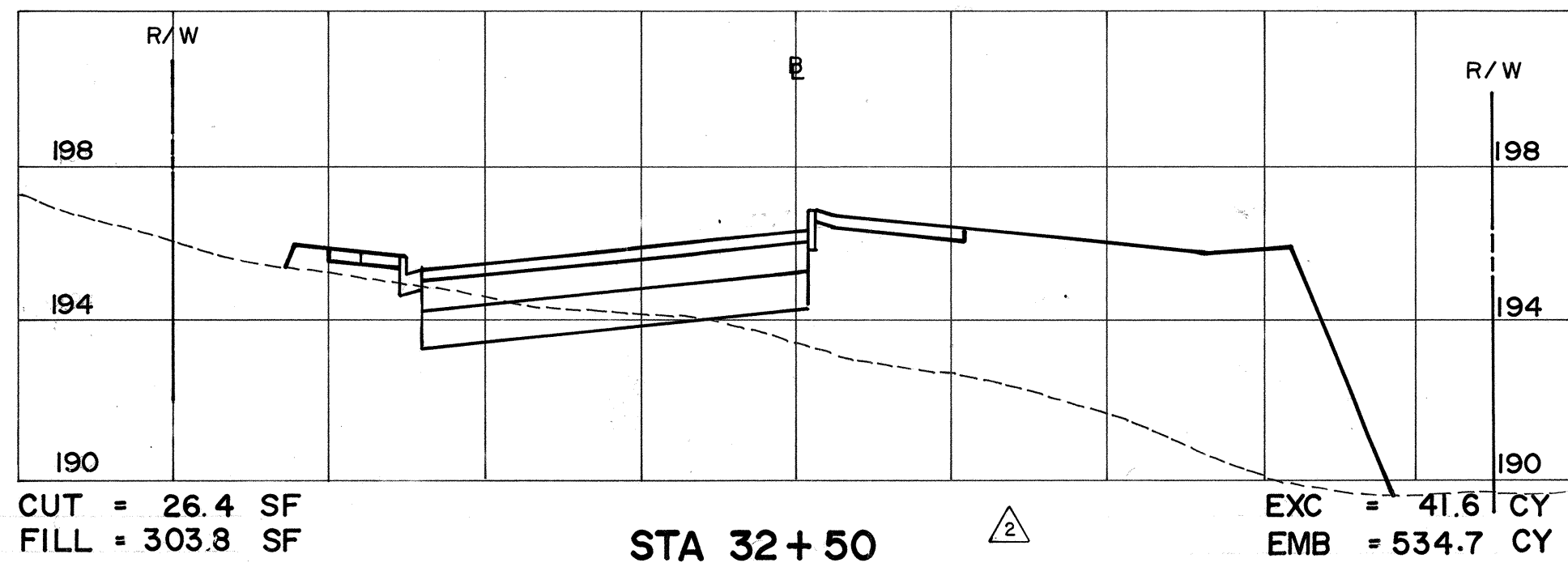
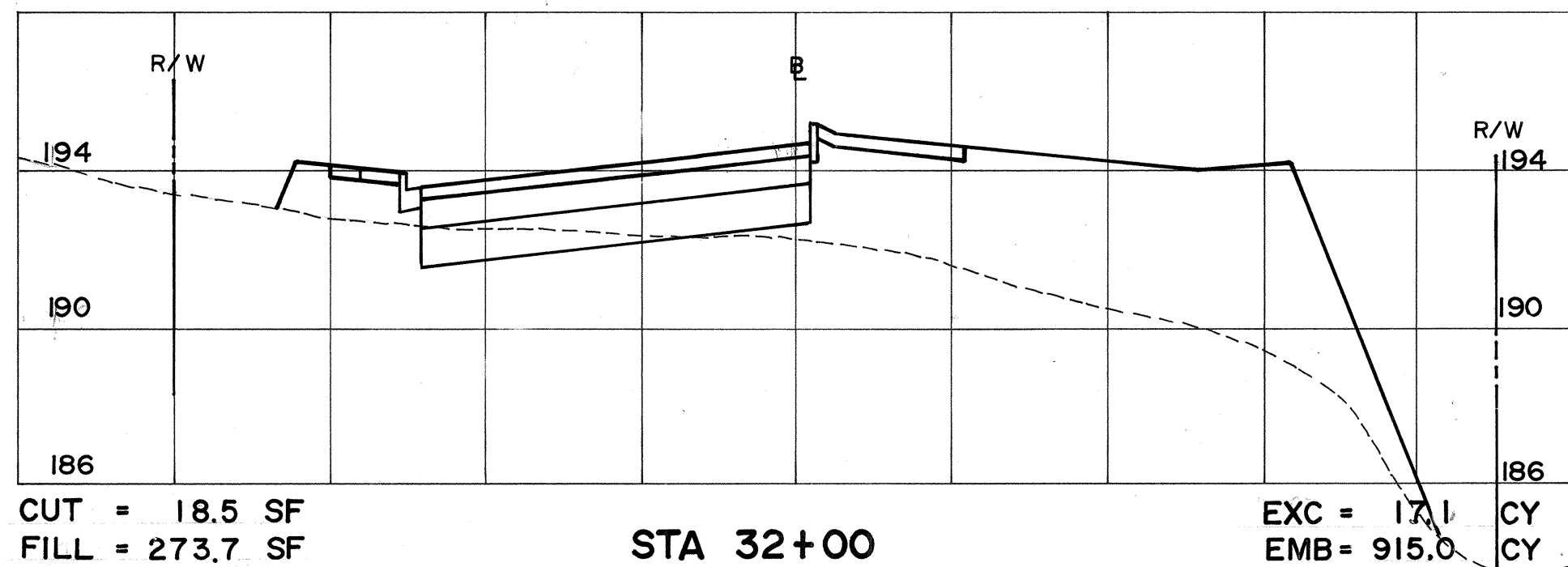
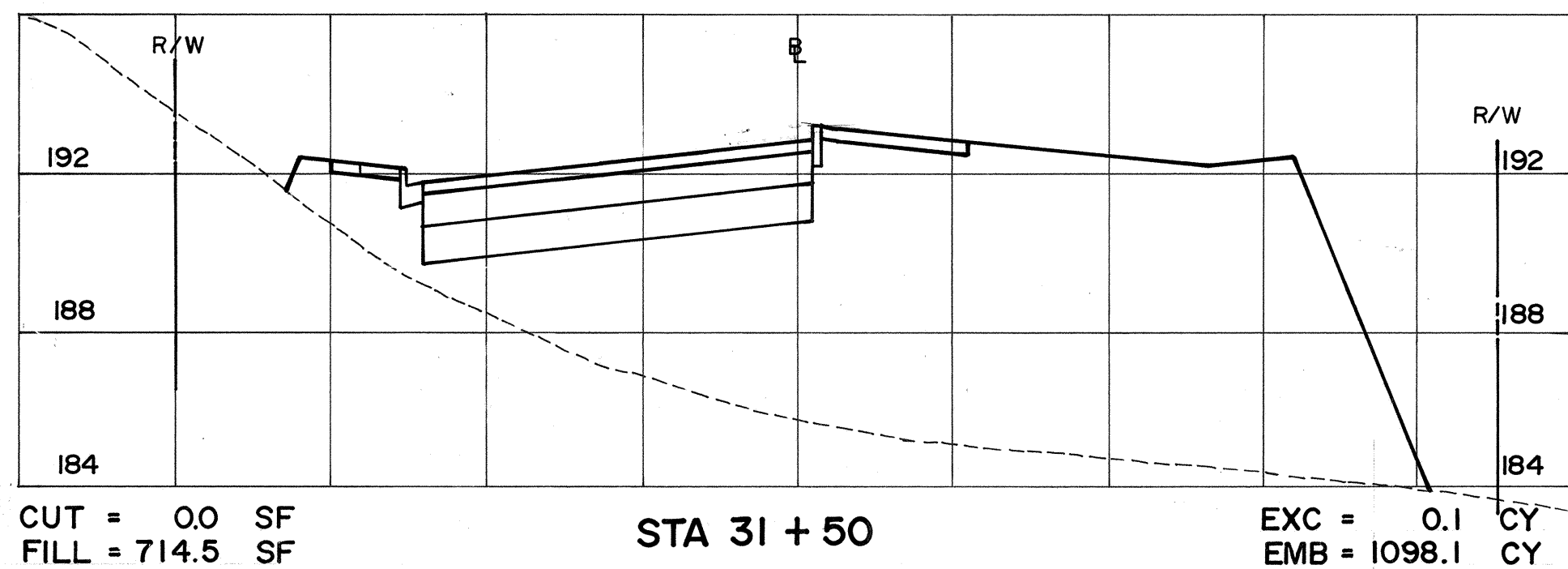
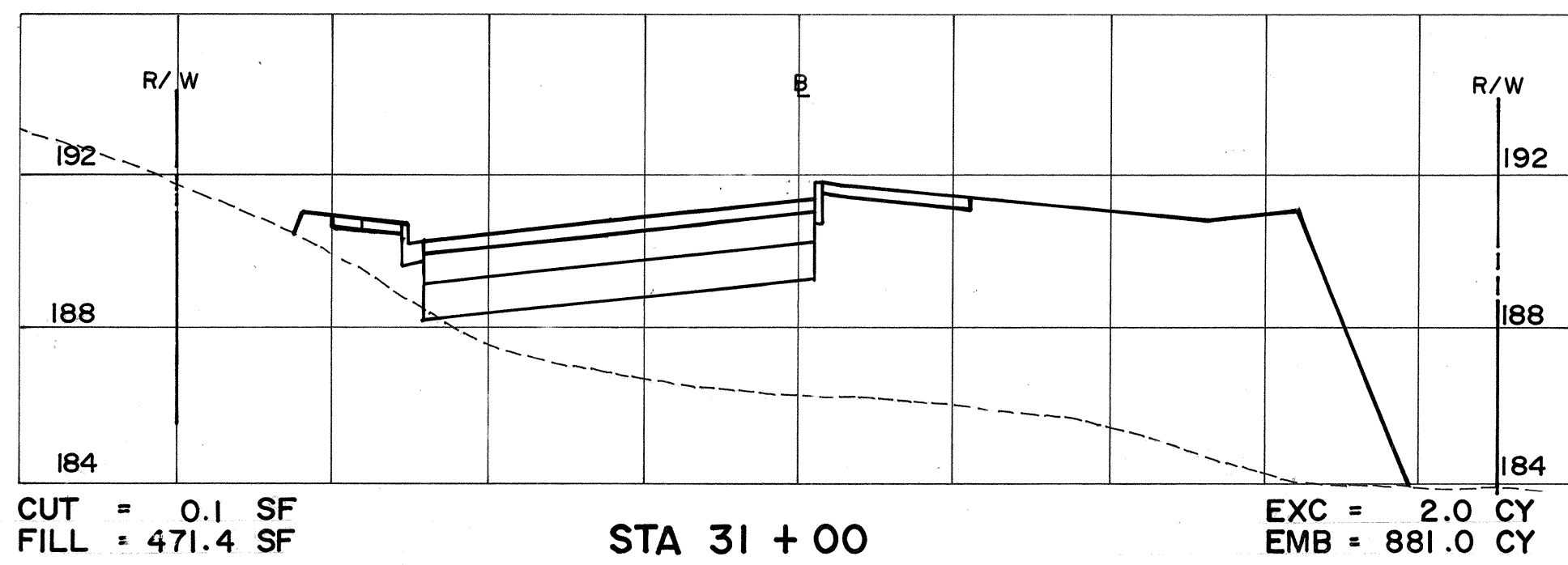
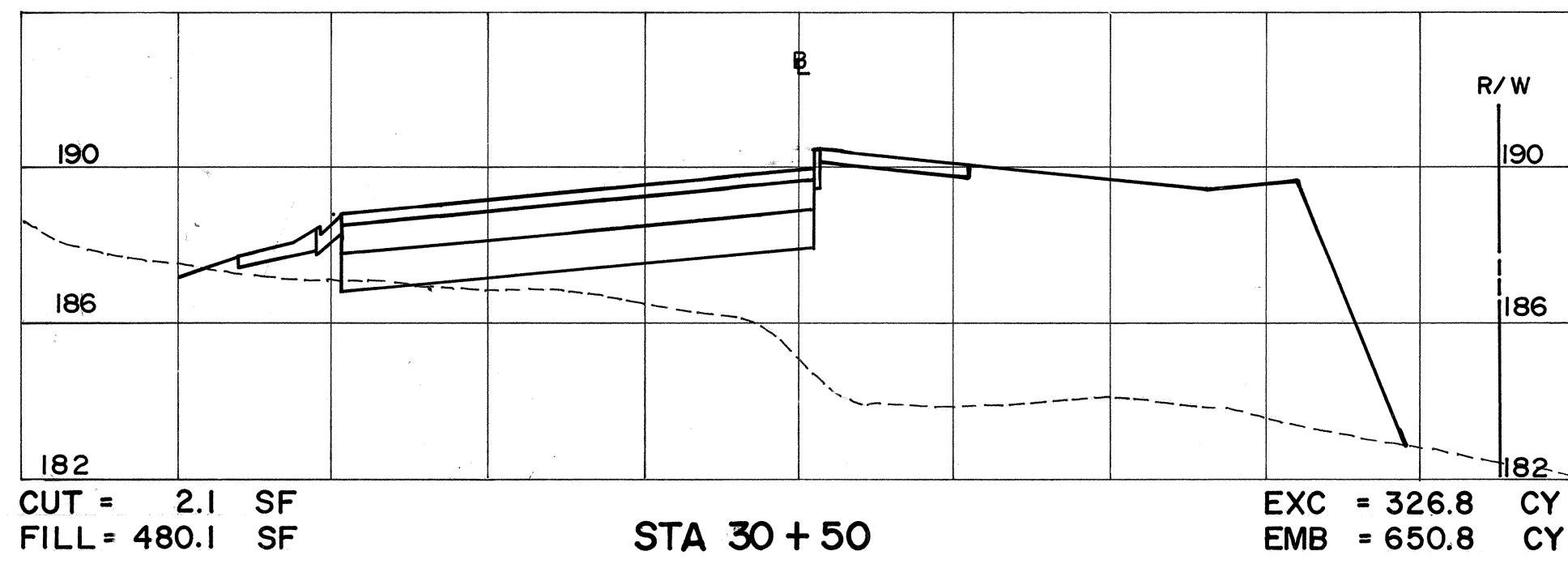
KEALAKEHE PARKWAY CROSS SECTIONS
STA 24+50 TO STA 30+00

Designed by: _____ Date: _____
Drawn by: _____ Proj. no.: (BCA) 841.0104B
Approved: _____ Date: _____

Rev	Date	Description	Eng	App
1	7-14-92	REVISE SECTIONS	CP	
2	12/4/91	REVISE SECTIONS	CP	

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CHERYL M. PALES
REGISTERED PROFESSIONAL ENGINEER
No. 5952-C
HAWAII, U.S.A.



SCALES: HORIZ.: 1" = 20'
VERT.: 1" = 4'

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Consultant:

Client:
HOUSING FINANCE AND DEVELOPMENT CORPORATION
STATE OF HAWAII

VILLAGES OF LA'I'OPUA
MAUKA-MAKAI ROADWAY IMPROVEMENTS
PHASE-1

KEALAKEHE PARKWAY CROSS SECTIONS
STA 30+50 TO STA 35+50

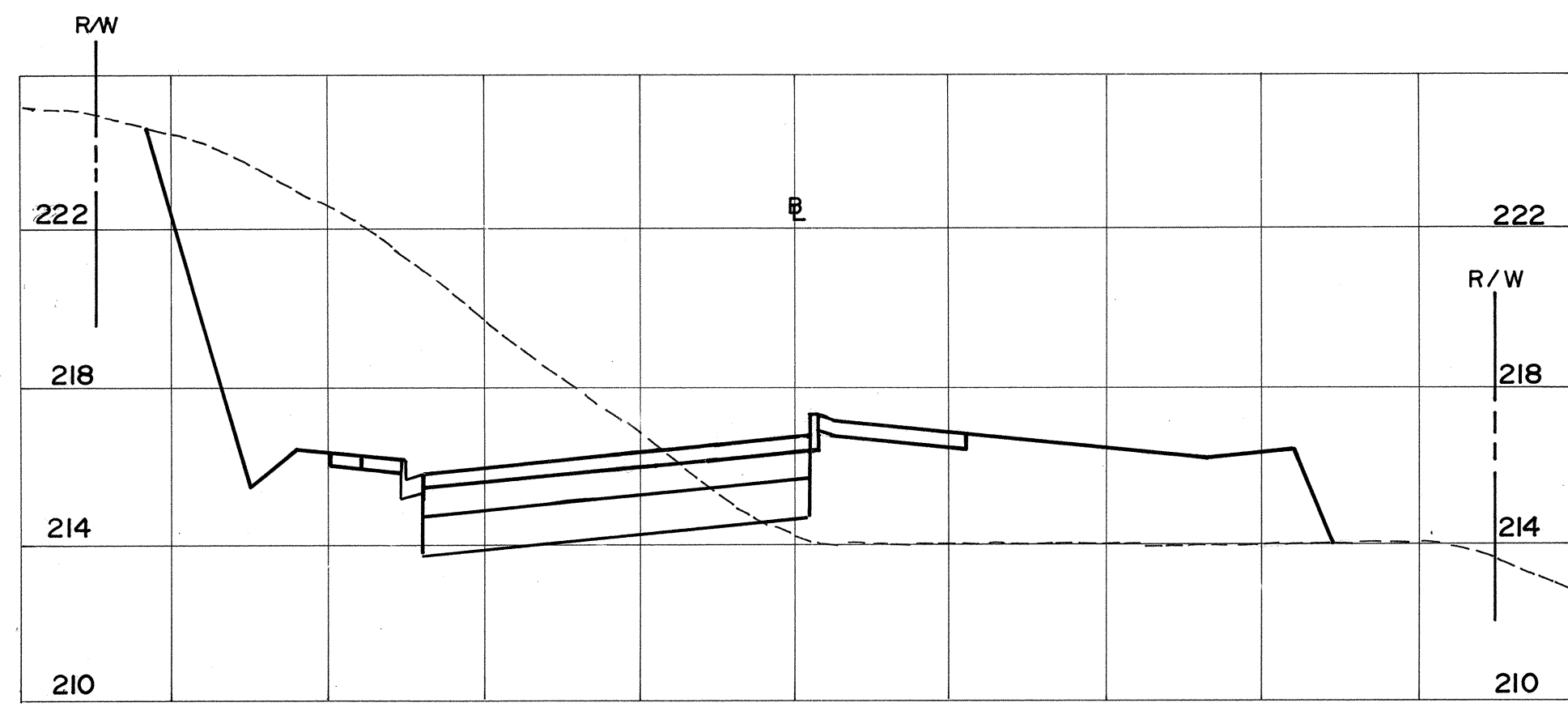
Designed by: _____ Date: _____
Drawn by: _____ Proj. no.: (BCA) 841.0104B

Approved: _____
Date: _____

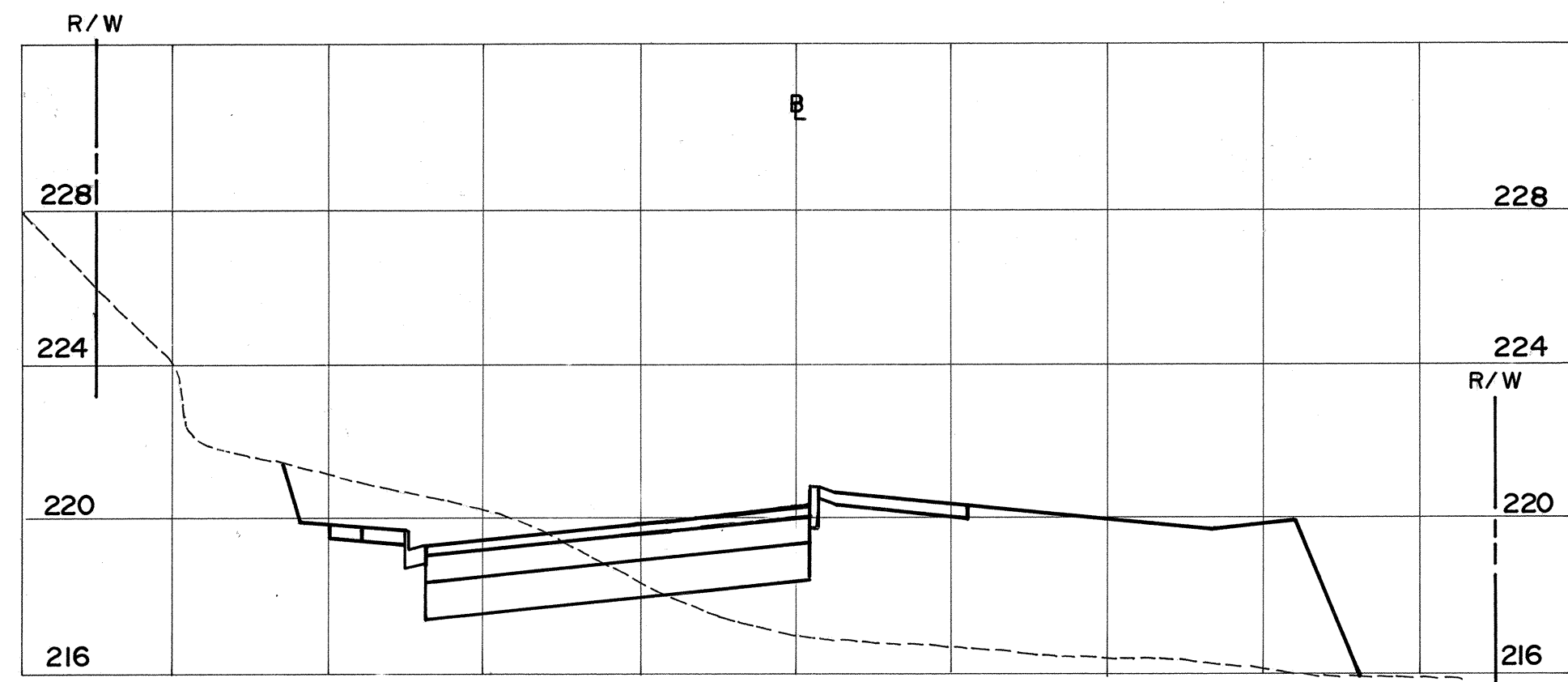
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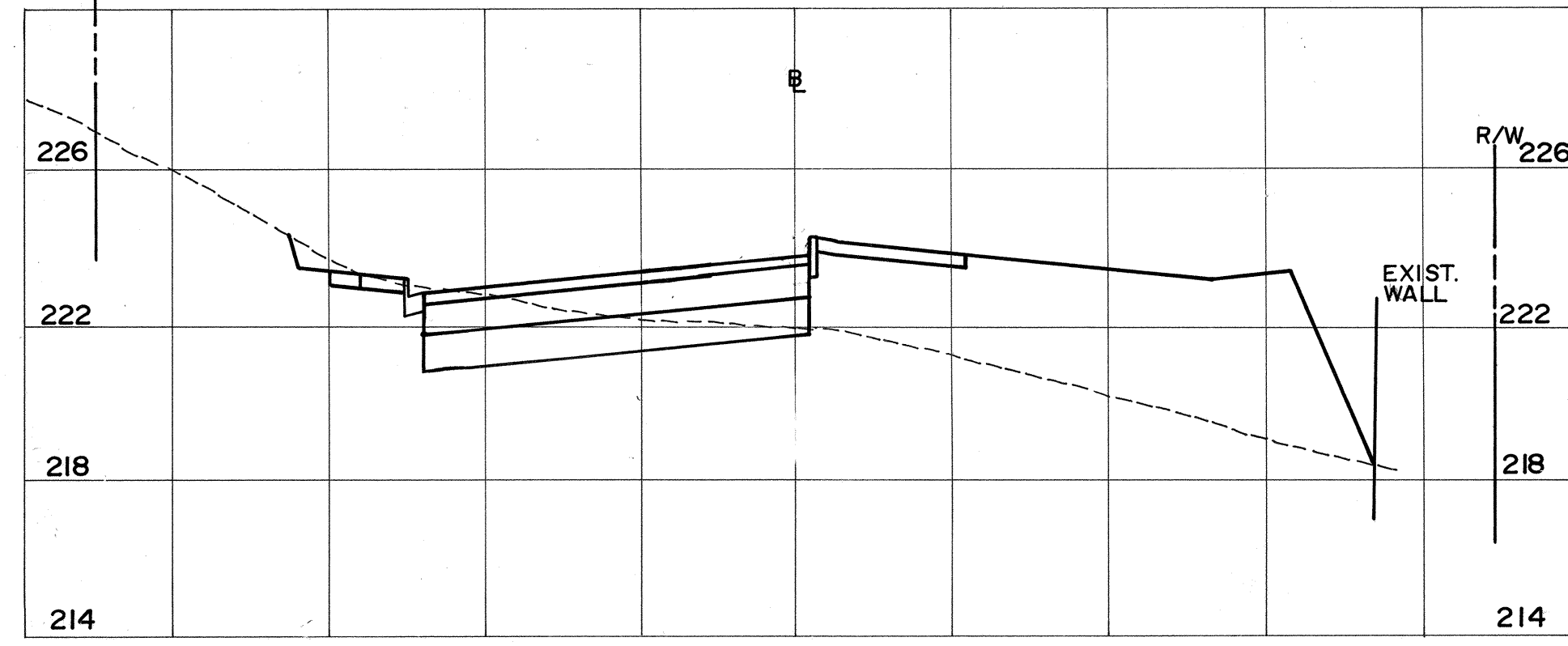
CHERYL M. PALEY
REGISTERED PROFESSIONAL ENGINEER
No. 5952-C
HAWAII, U.S.A.



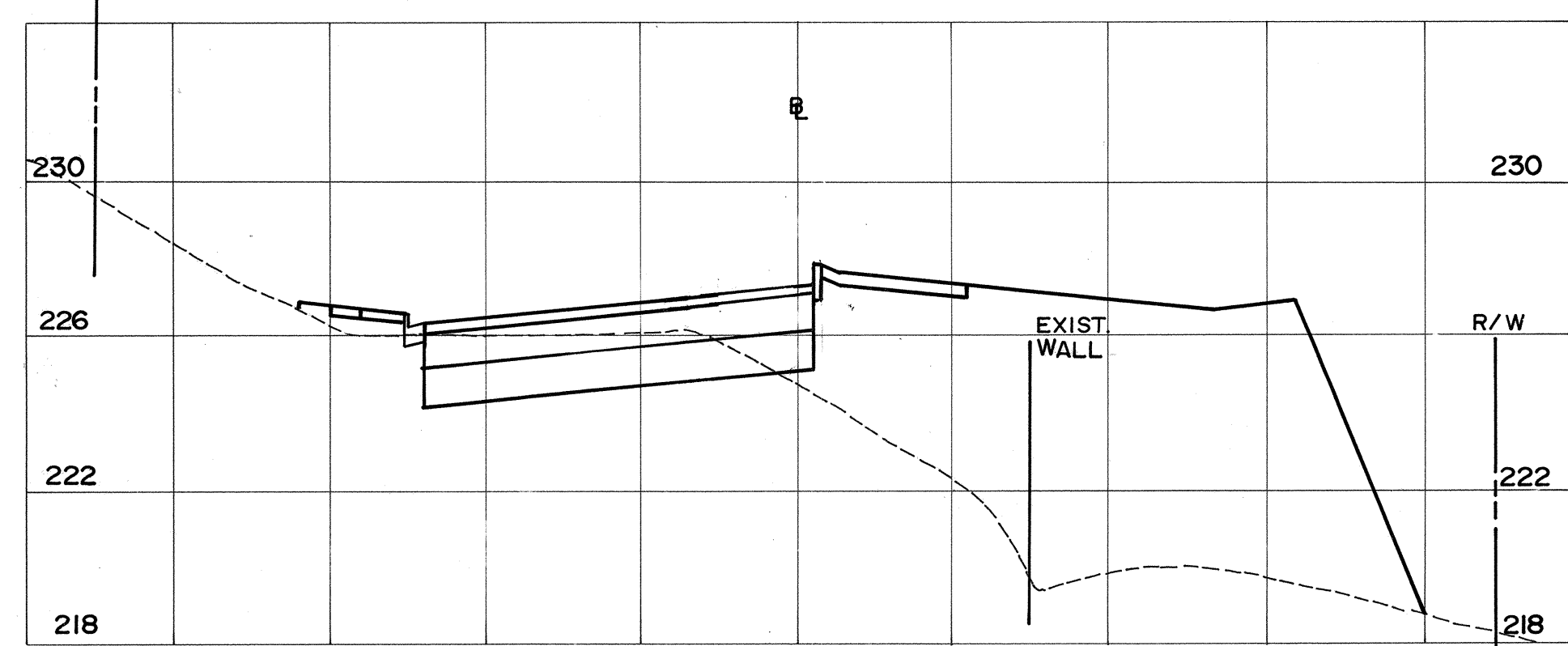
CUT = 354.1 SF
FILL = 166.3 SF
STA 36+00
EXC = 631.5 CY
EMB = 248.9 CY



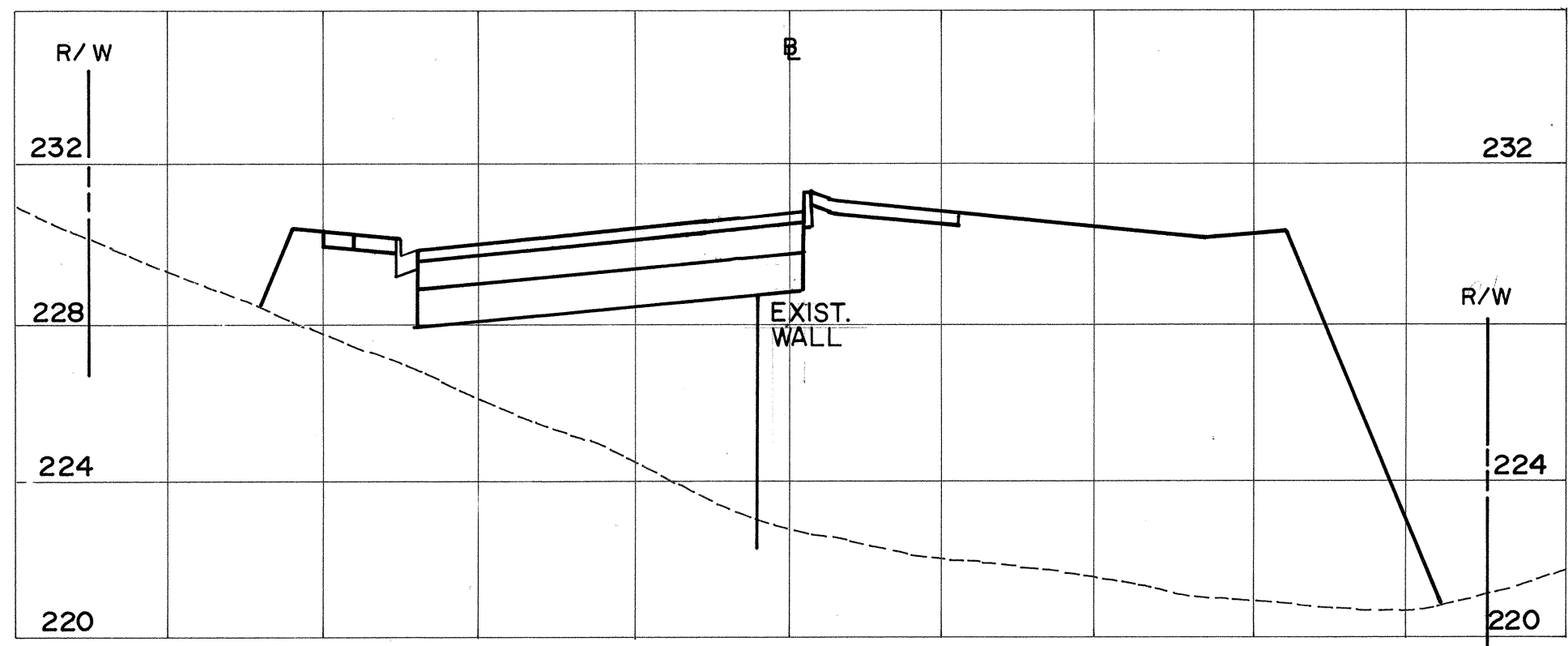
CUT = 82.7 SF
FILL = 248.0 SF
STA 36+50
EXC = 404.4 CY
EMB = 383.6 CY



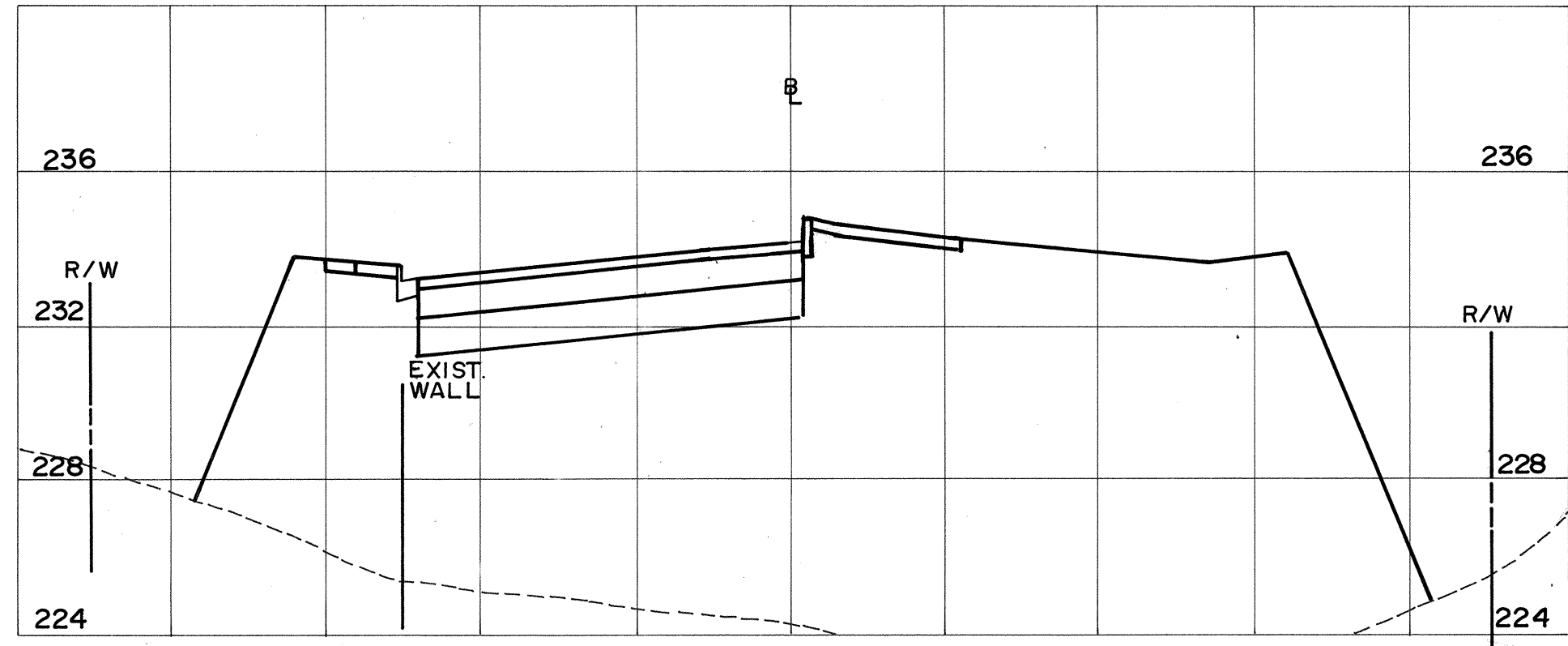
CUT = 57.4 SF
FILL = 209.8 SF
STA 37+00
EXC = 129.7 CY
EMB = 423.9 CY



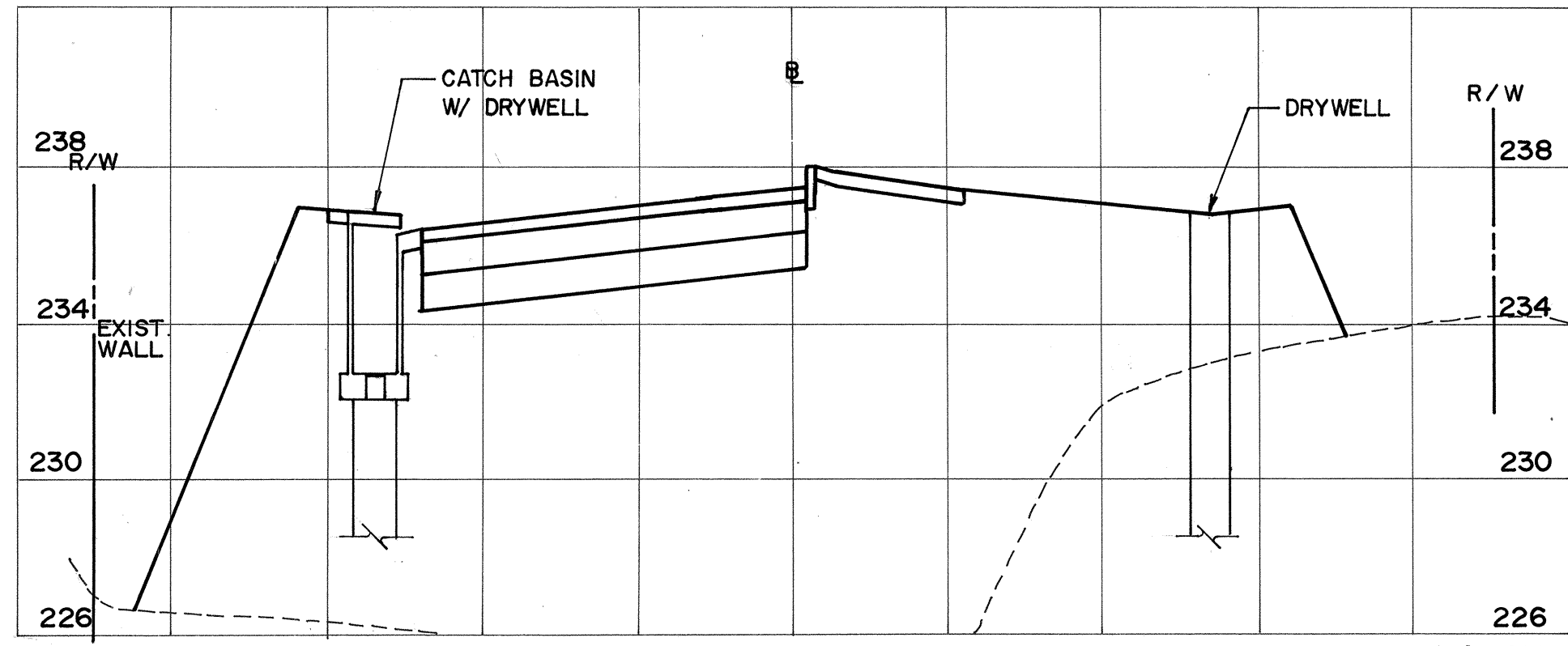
CUT = 60.2 SF
FILL = 459.7 SF
STA 37+50
EXC = 108.9 CY
EMB = 619.9 CY



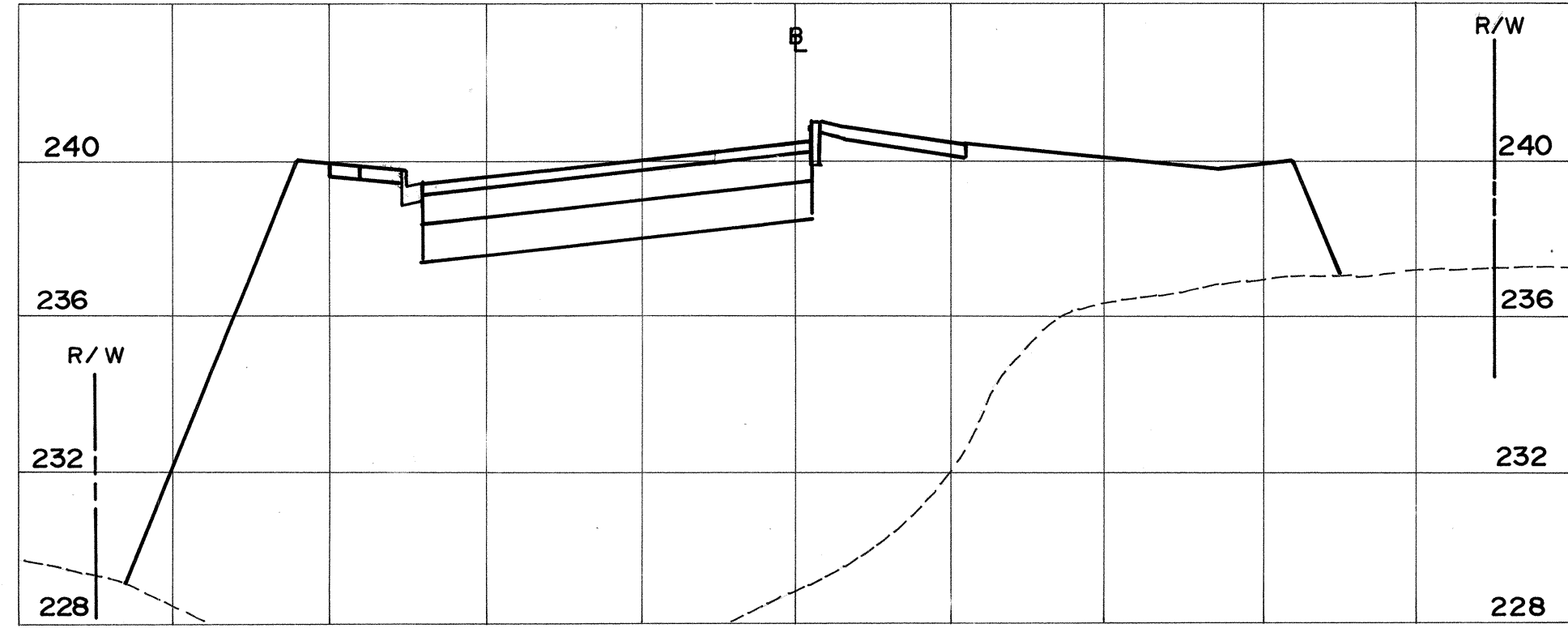
CUT = 0.0 SF
FILL = 877.2 SF
STA 38+00
EXC = 55.7 CY
EMB = 1237.9 CY



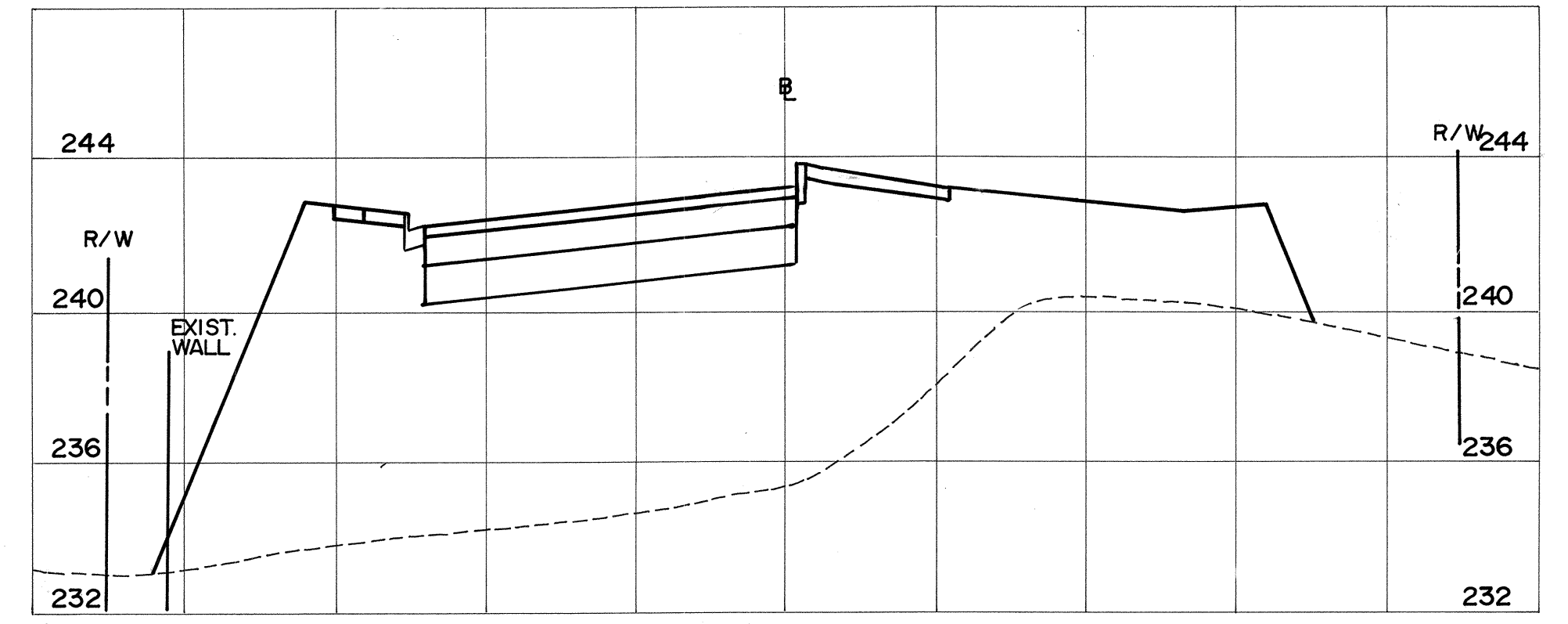
CUT = 0.0 SF
FILL = 1244.5 SF
STA 38+50
EXC = 0.0 CY
EMB = 1964.5 CY



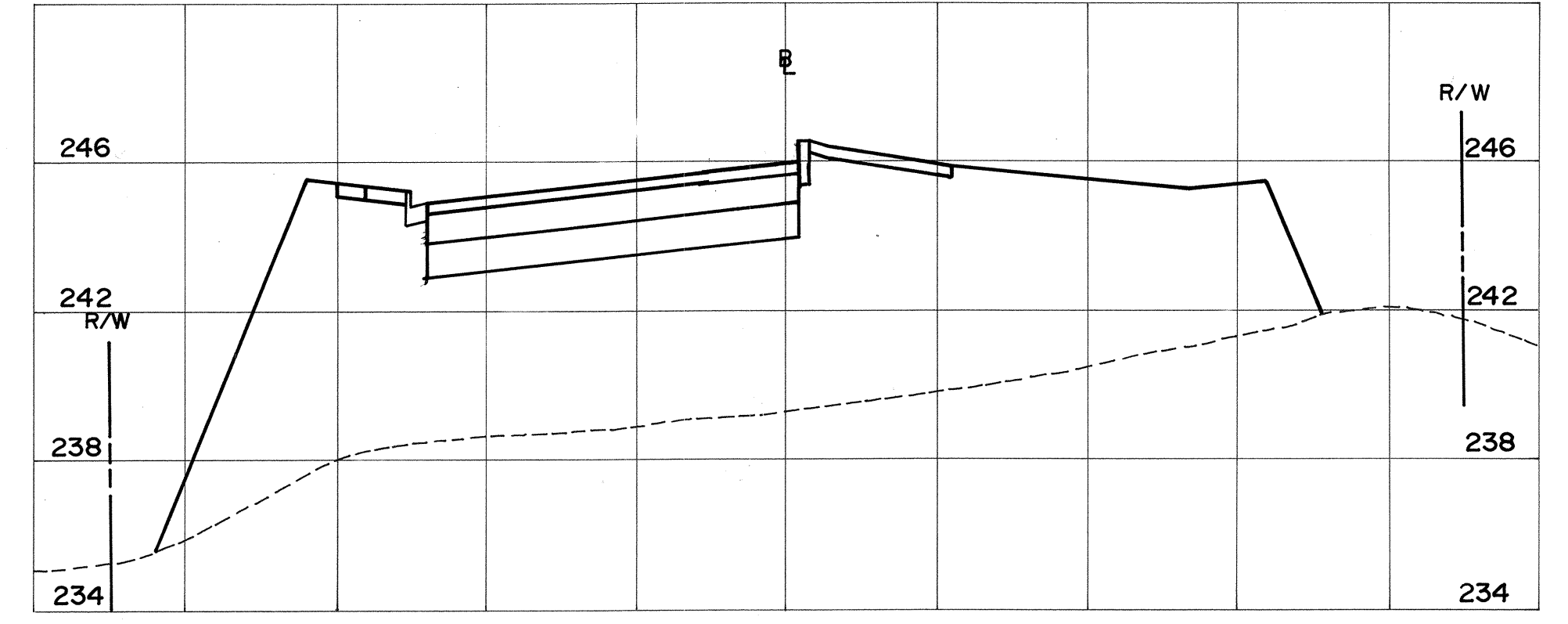
CUT = 0.0 SF
FILL = 1211.2 SF
STA 39+00
EXC = 0.0 CY
EMB = 2273.8 CY



CUT = 0.0 SF
FILL = 1301.4 SF
STA 39+50
EXC = 0.0 CY
EMB = 2326.5 CY



CUT = 0.0 SF
FILL = 773.5 SF
STA 40+00
EXC = 0.0 CY
EMB = 1921.2 CY



CUT = 0.0 SF
FILL = 754.7 SF
STA 40+50
EXC = 0.0 CY
EMB = 1415.0 CY

SCALES: HORIZ. : 1" = 20'
VERT. : 1" = 4'

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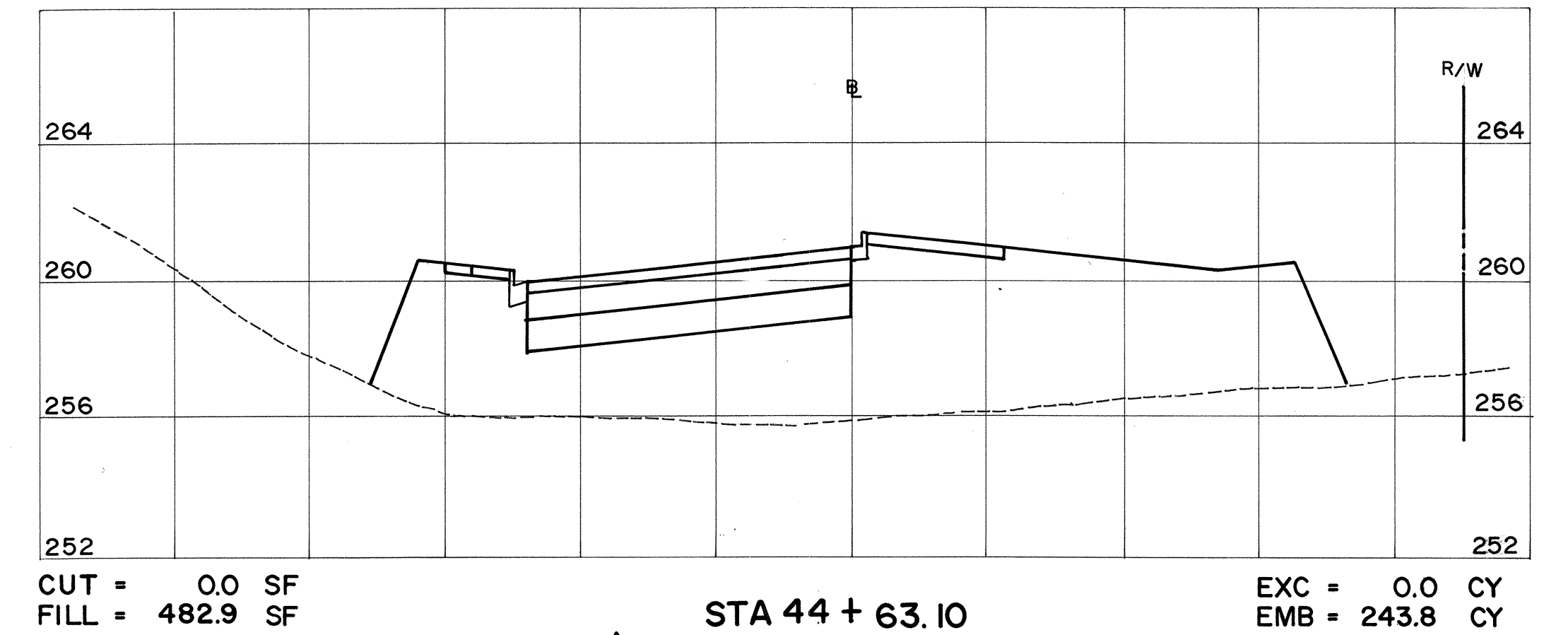
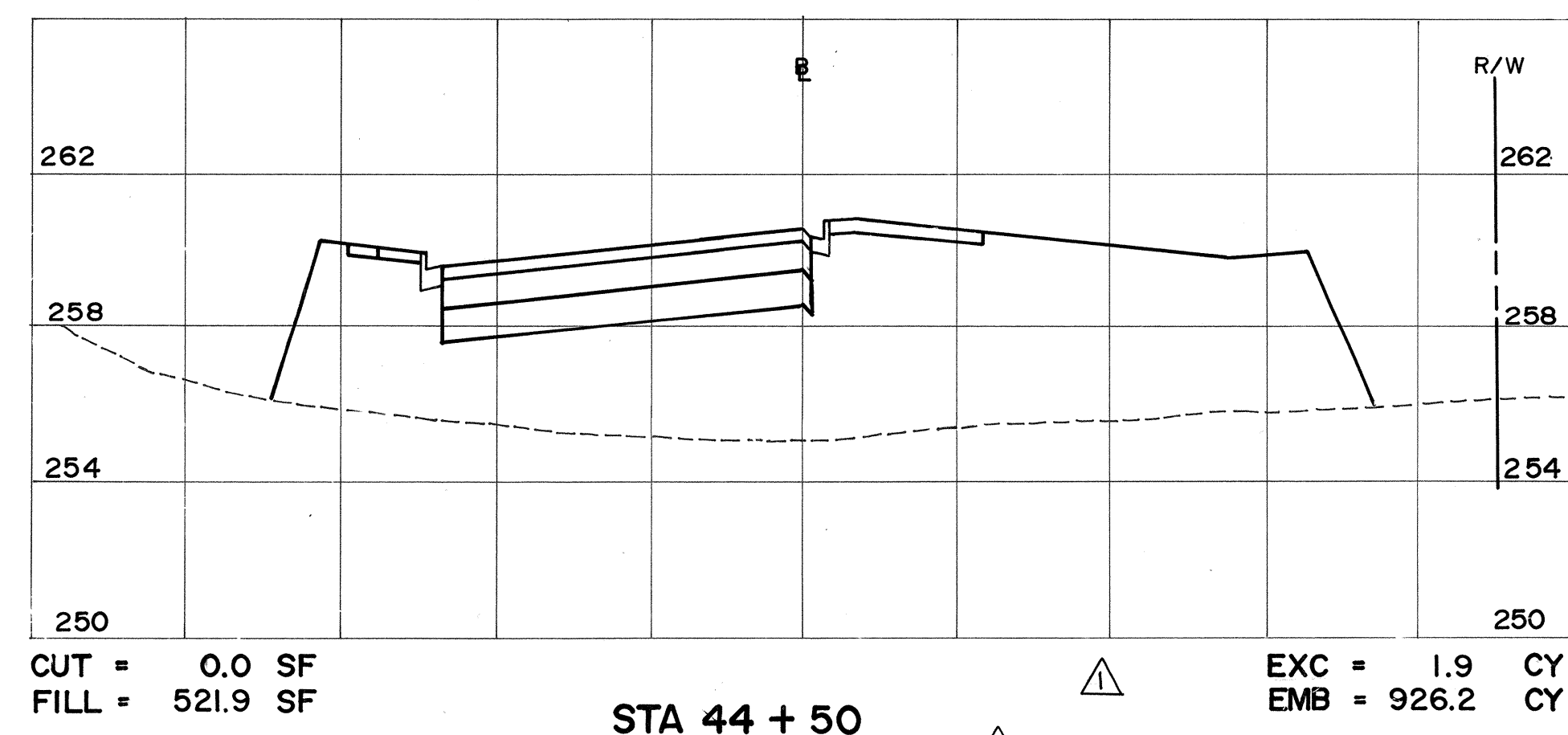
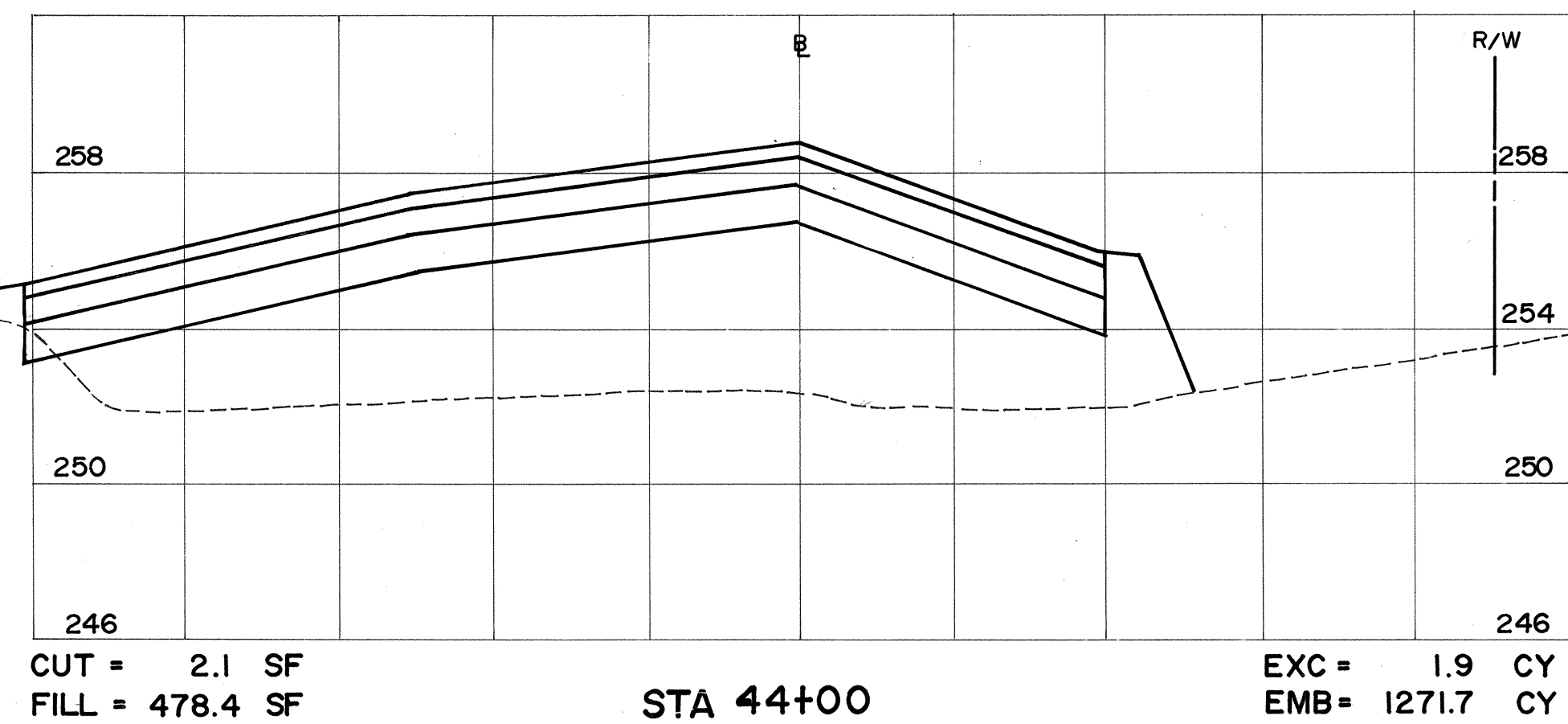
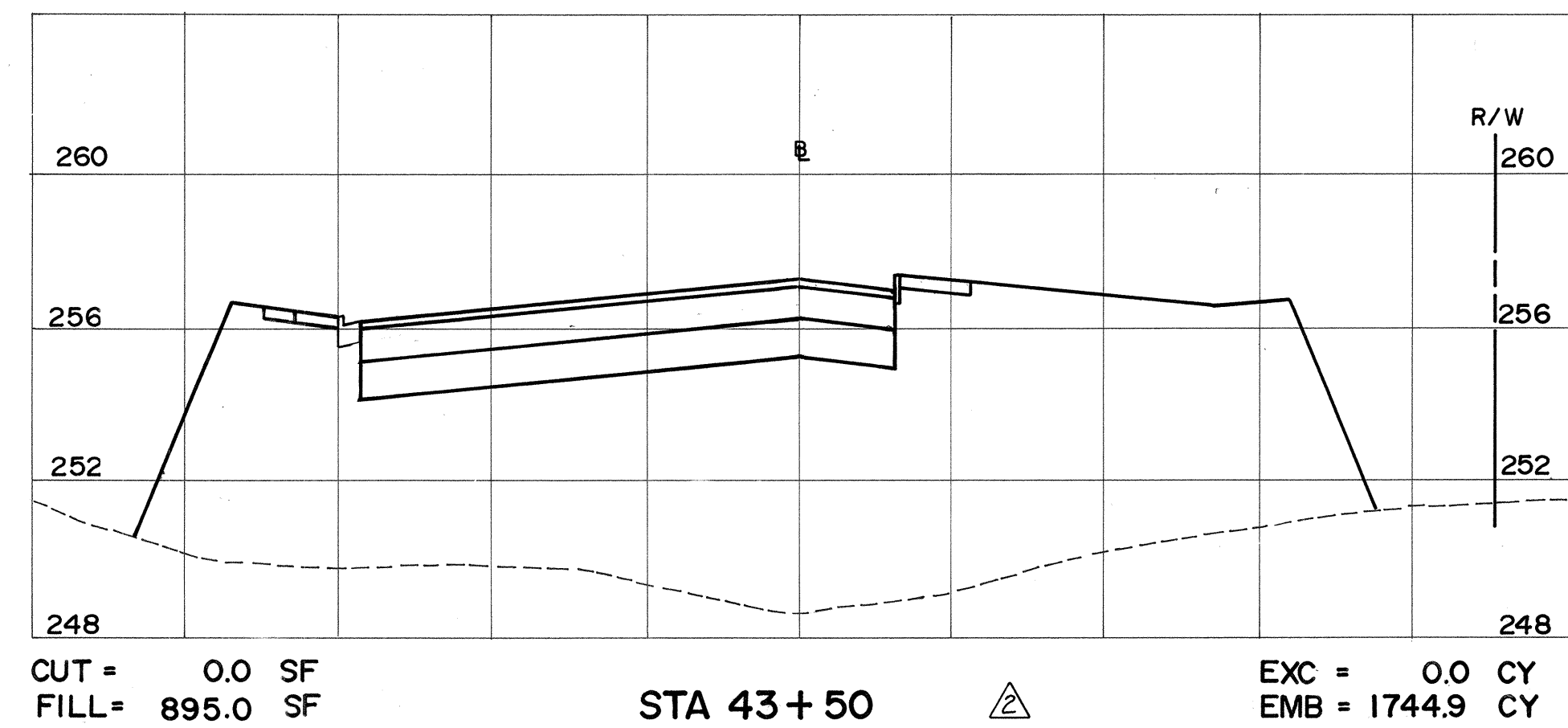
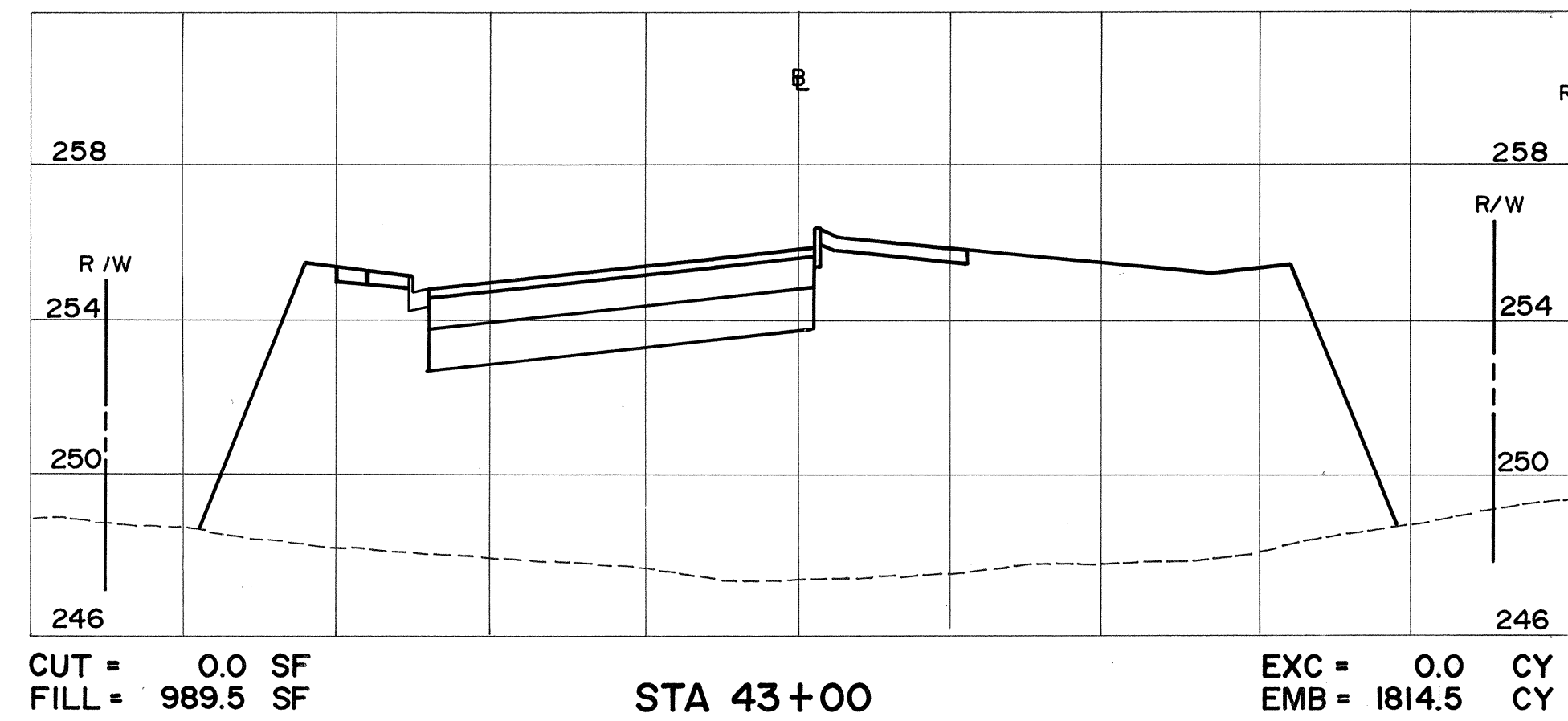
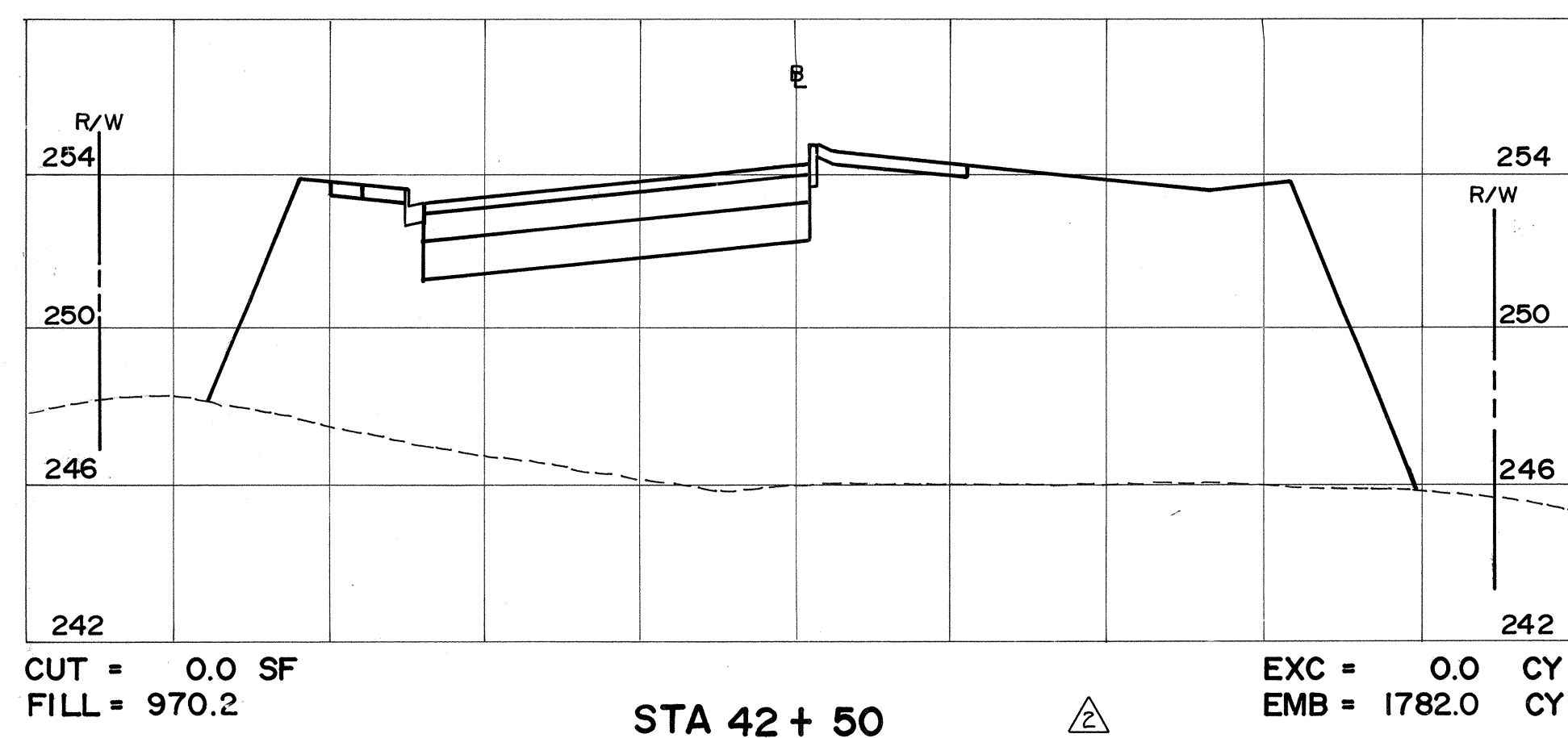
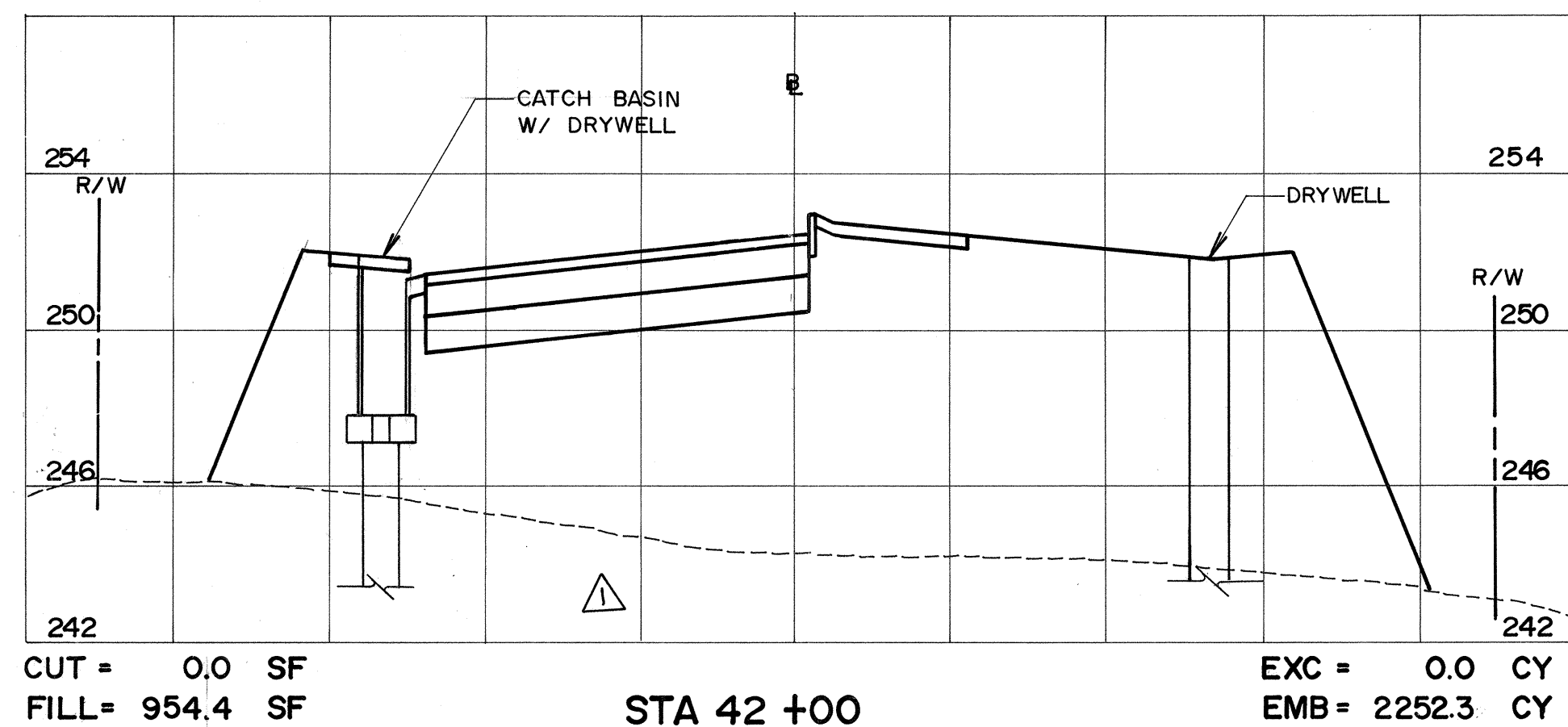
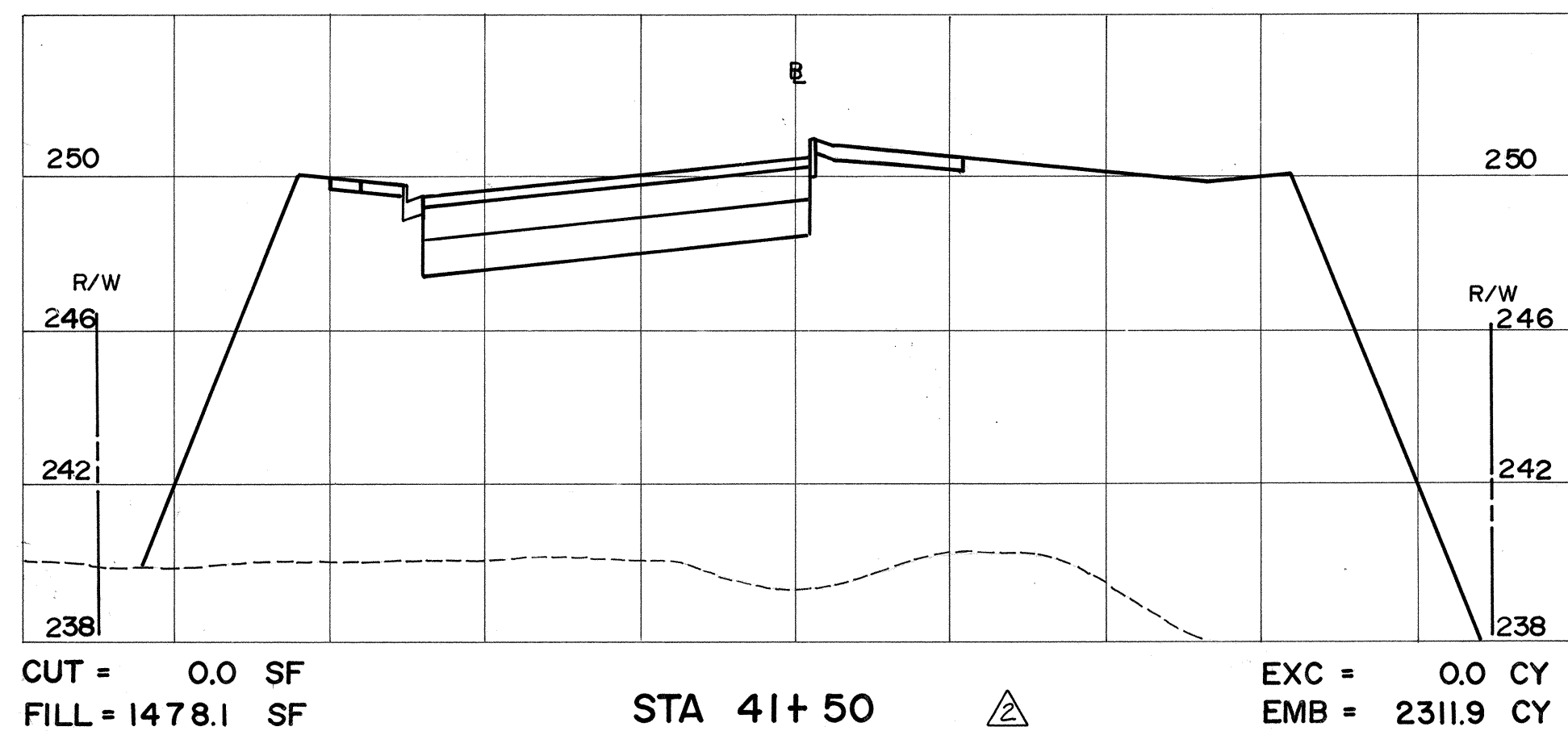
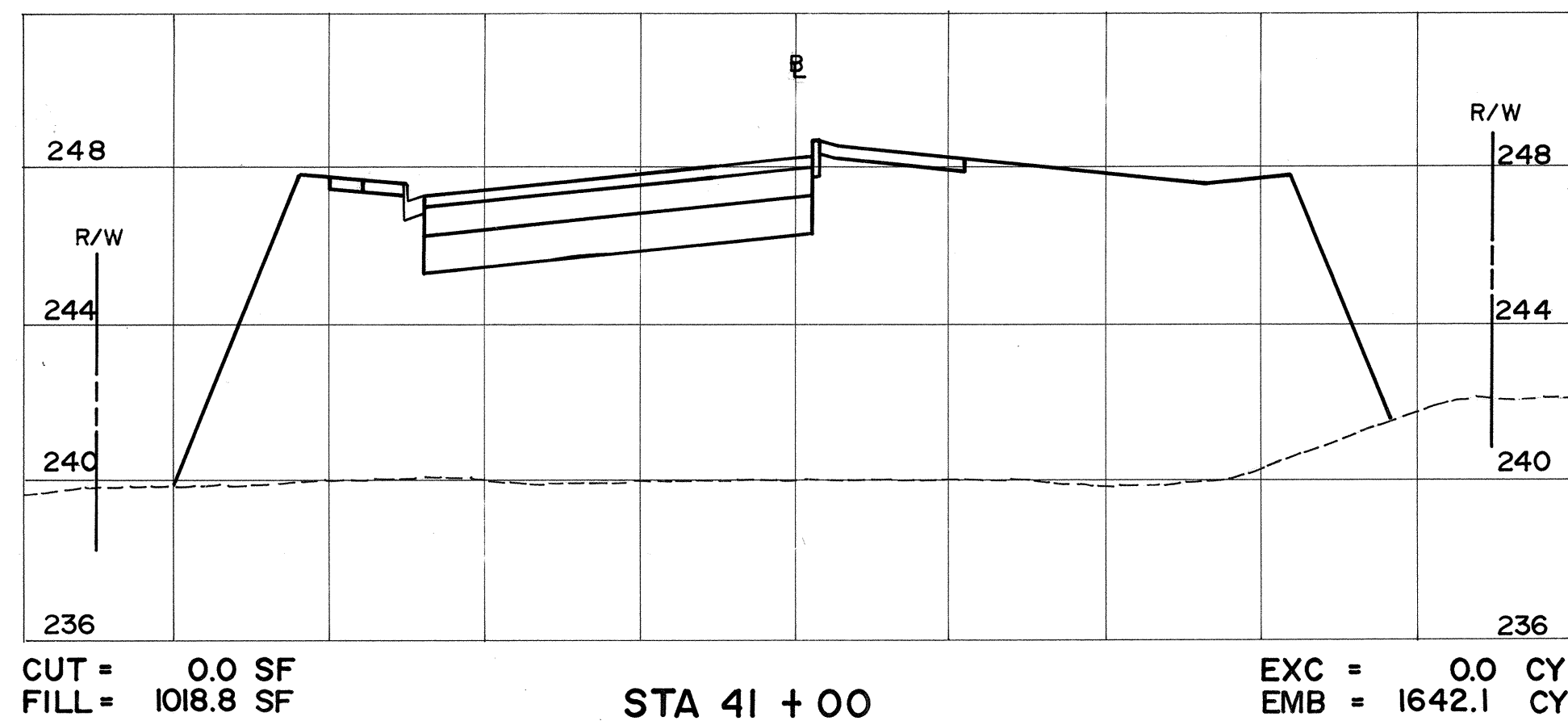
KEALAKEHE PARKWAY
CROSS SECTIONS
STA 36+00 TO STA 40+50

Designed by: _____ Date: _____
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Rev	Date	Description	Eng	App
7-14-92		REVISE SECTIONS	CP	
12/4/91		REVISE SECTIONS	CP	

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PHASE-1

KEALAKEHE PARKWAY
CROSS SECTIONS
STA 41+00 TO STA 44+63.10

Designed by: _____ Date: _____
Drawn by: _____ Date: _____
Approved: _____ Date: _____
Proj. no.: (BCA) 841.0104B