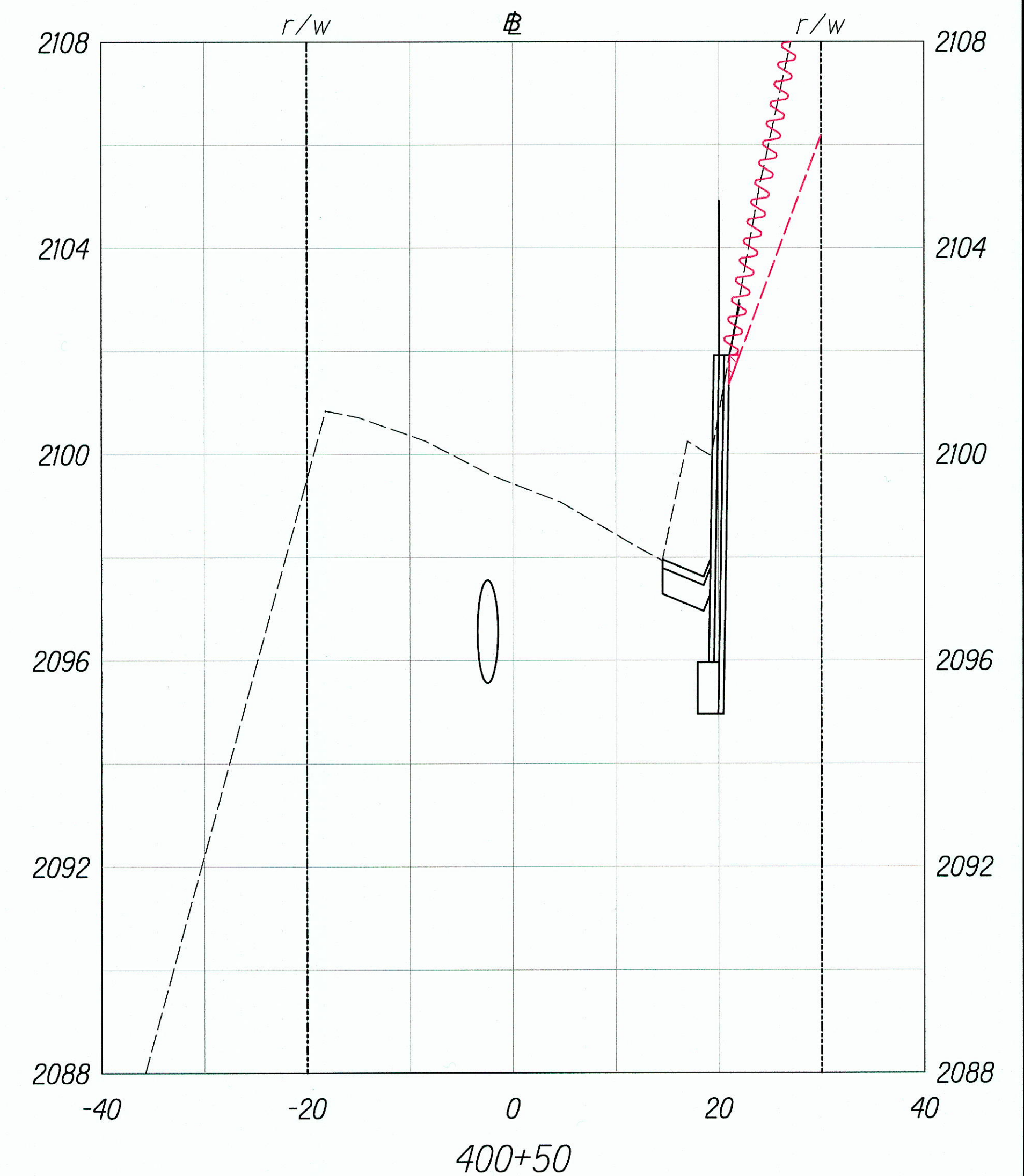
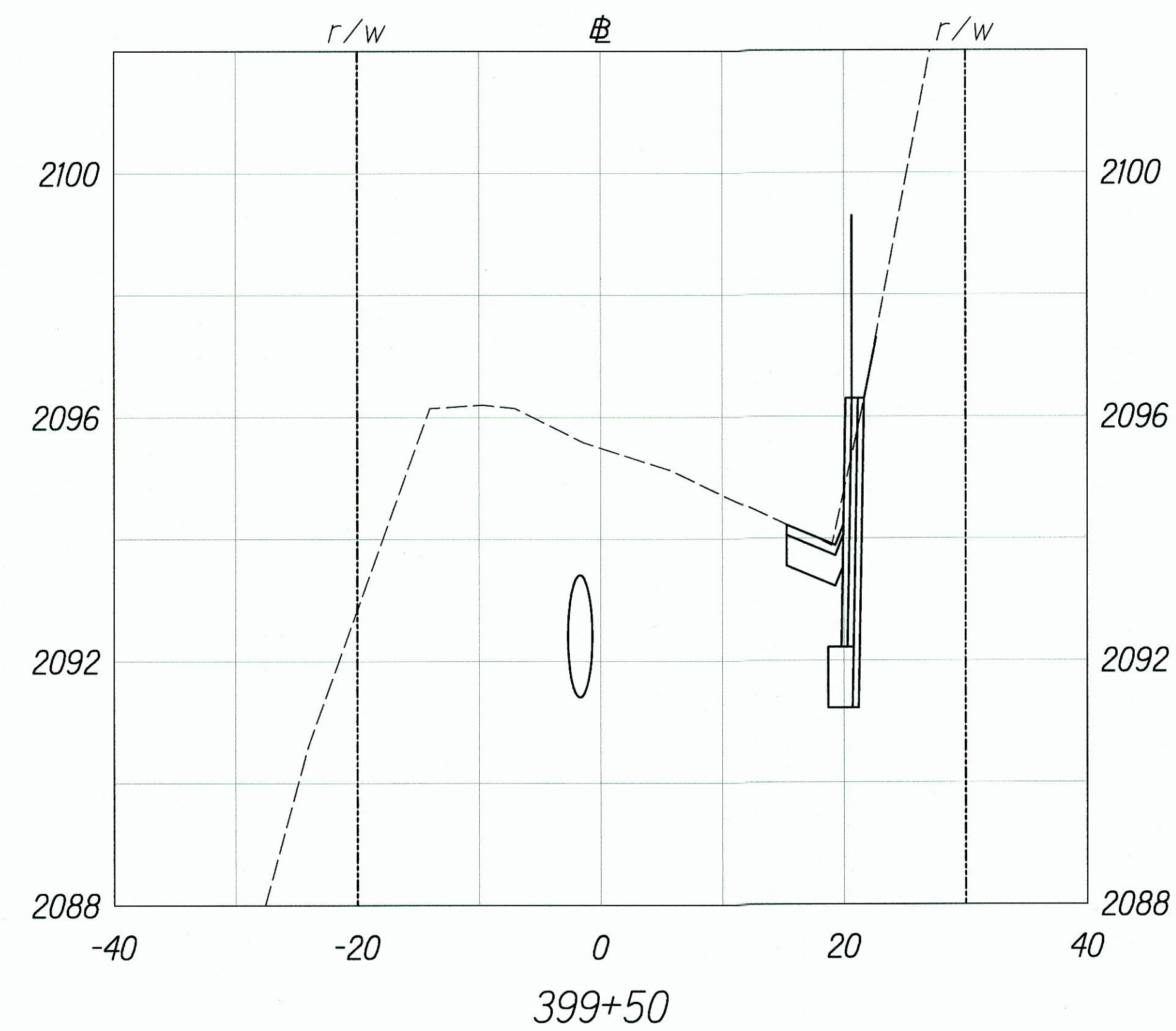
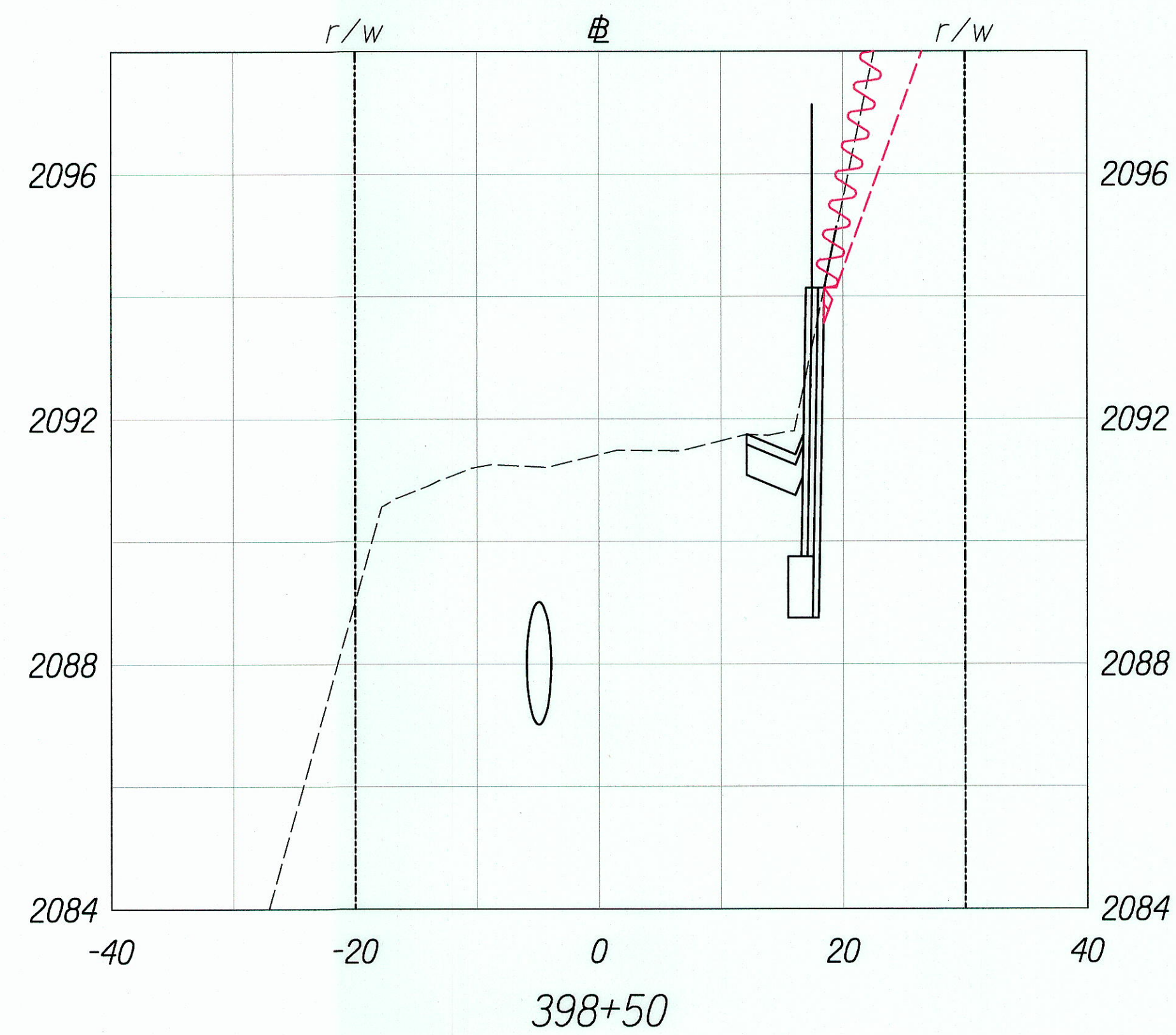
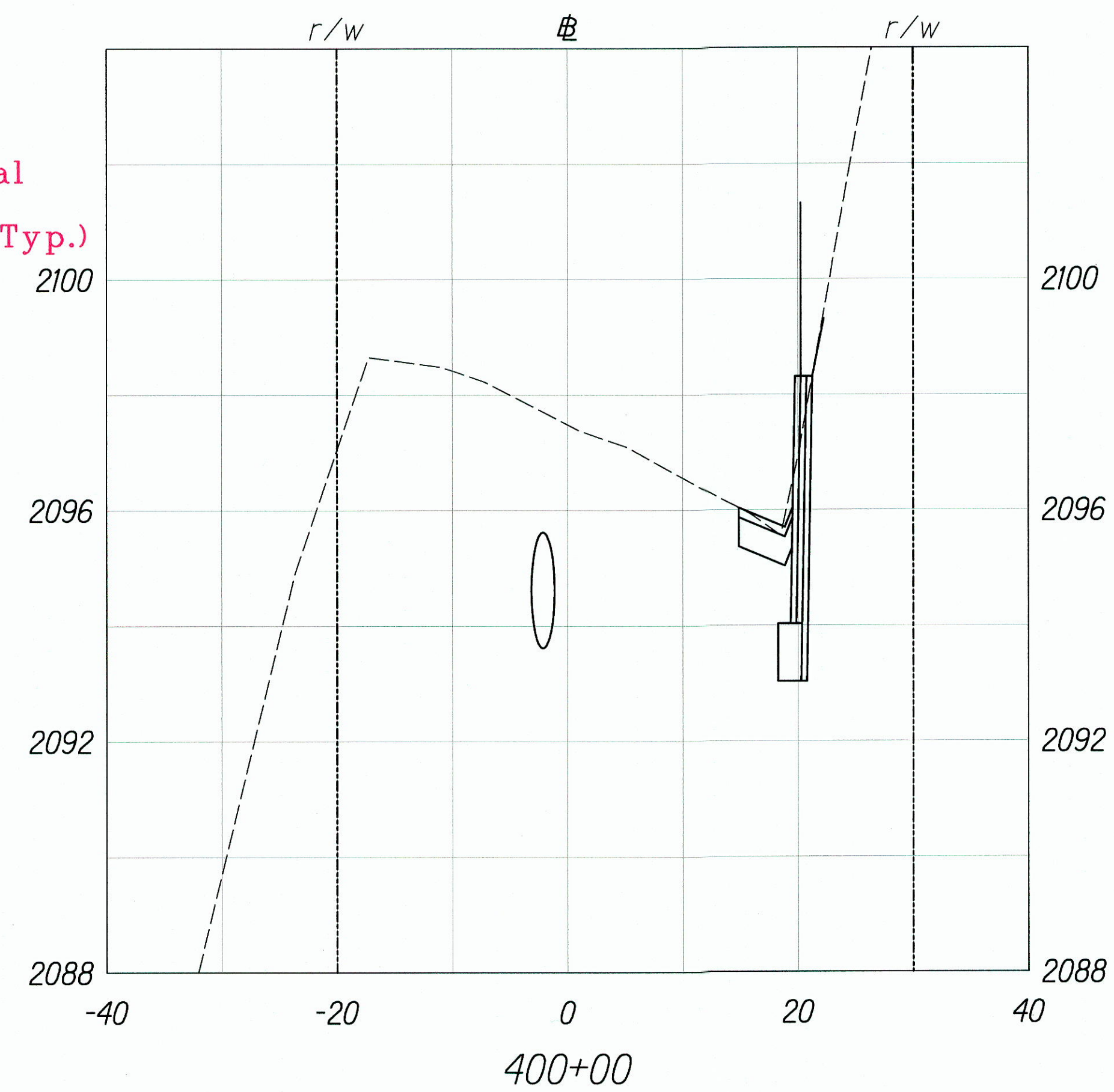
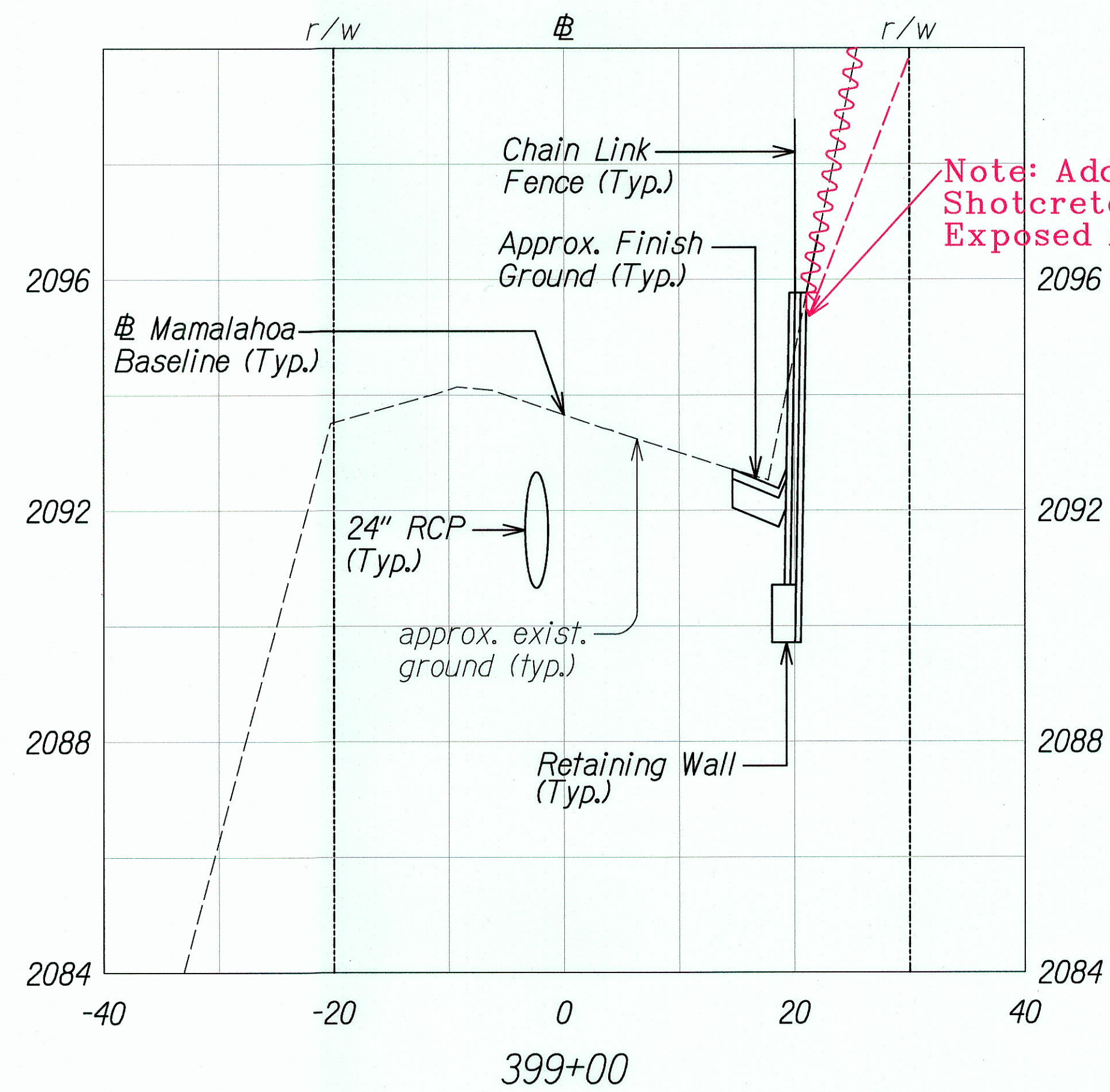


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0190(016)	2016	18	36



LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting



This work was prepared by me or under my supervision.
Lennie Okano-Kendrick
 Expiration Date of License 4/18.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CROSS SECTIONS
MAMALAHOA HIGHWAY
DRAINAGE IMPROVEMENTS
 Vicinity of Puuwaawaa Ranch Road
 Federal-Aid Project No. STP-0190(016)
 Scale: As Noted Date: April 2016
 SHEET No. 1 OF 3 SHEETS

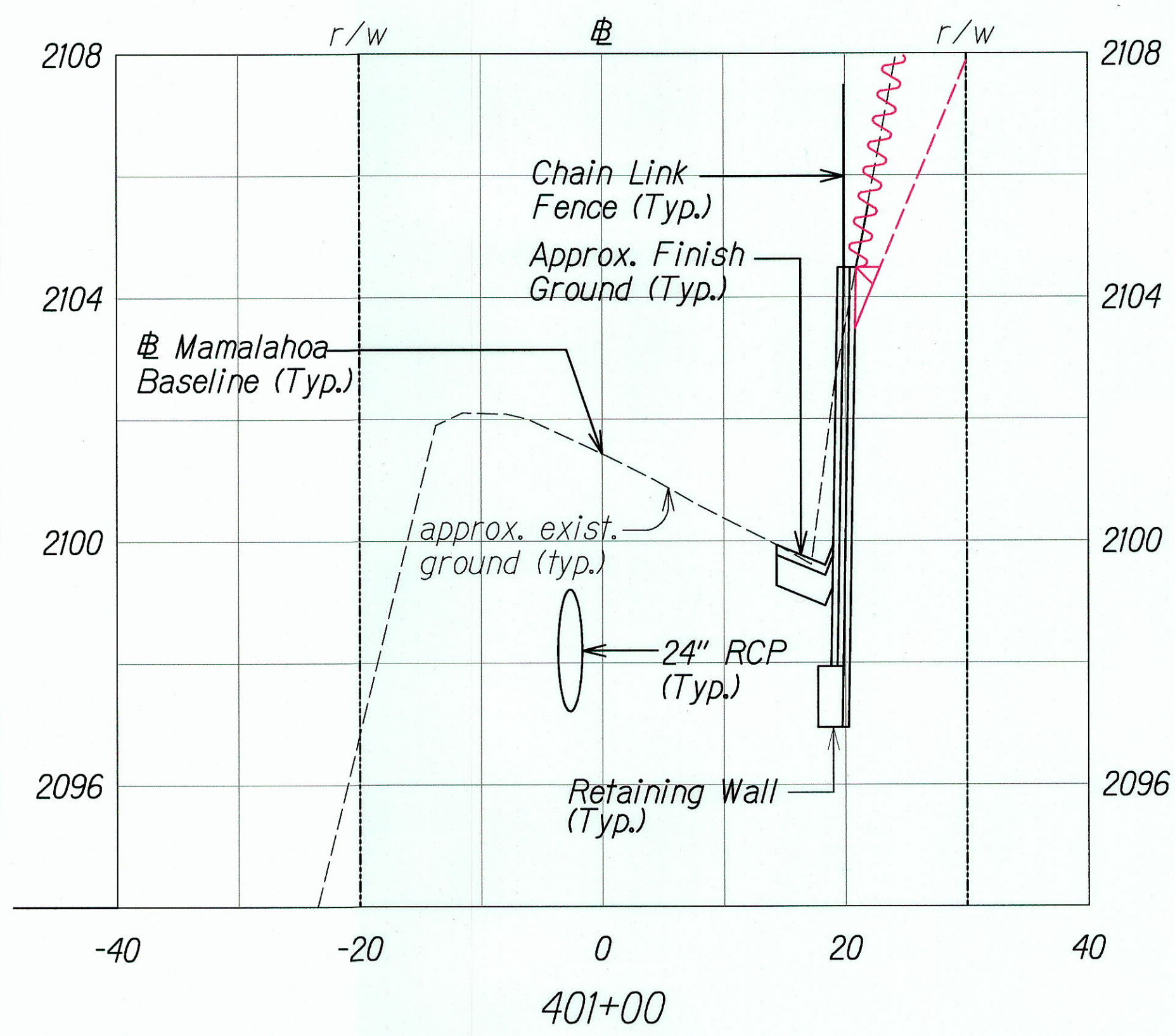
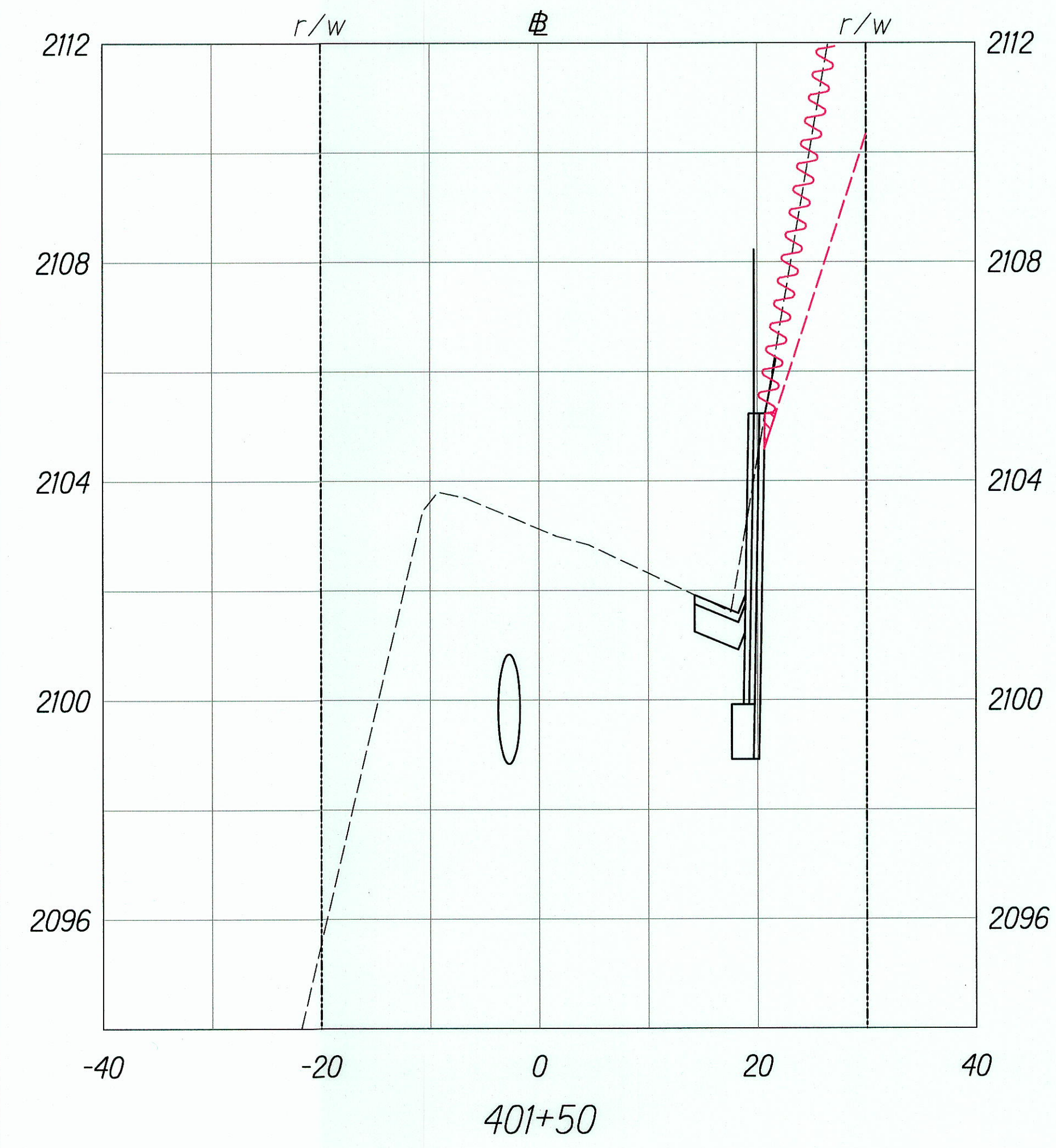
SWALE CROSS SECTIONS
 Scale: Horiz. 1"=10'
 Vert. 1"=2'

Additional Shotcrete in Exposed Area

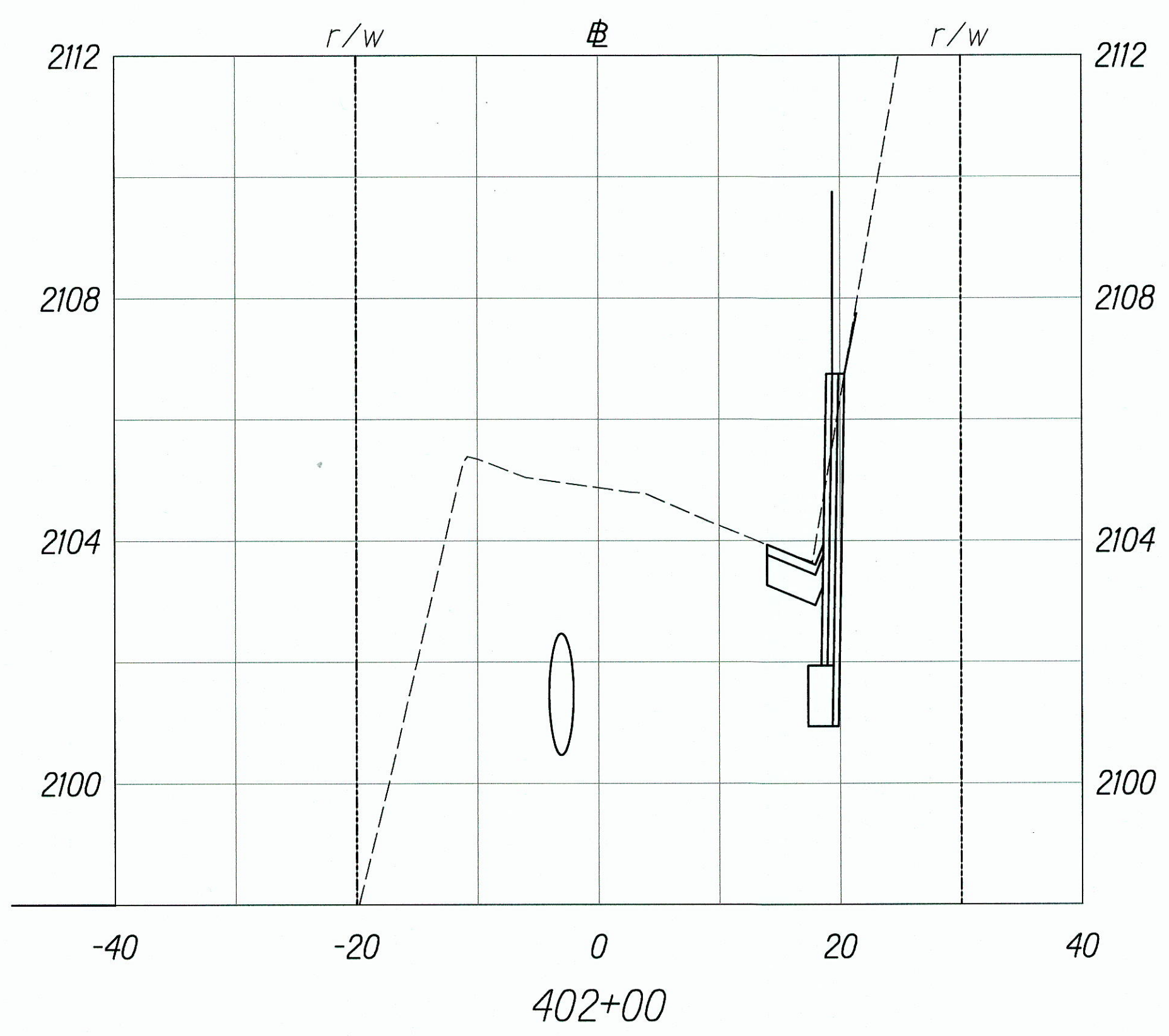
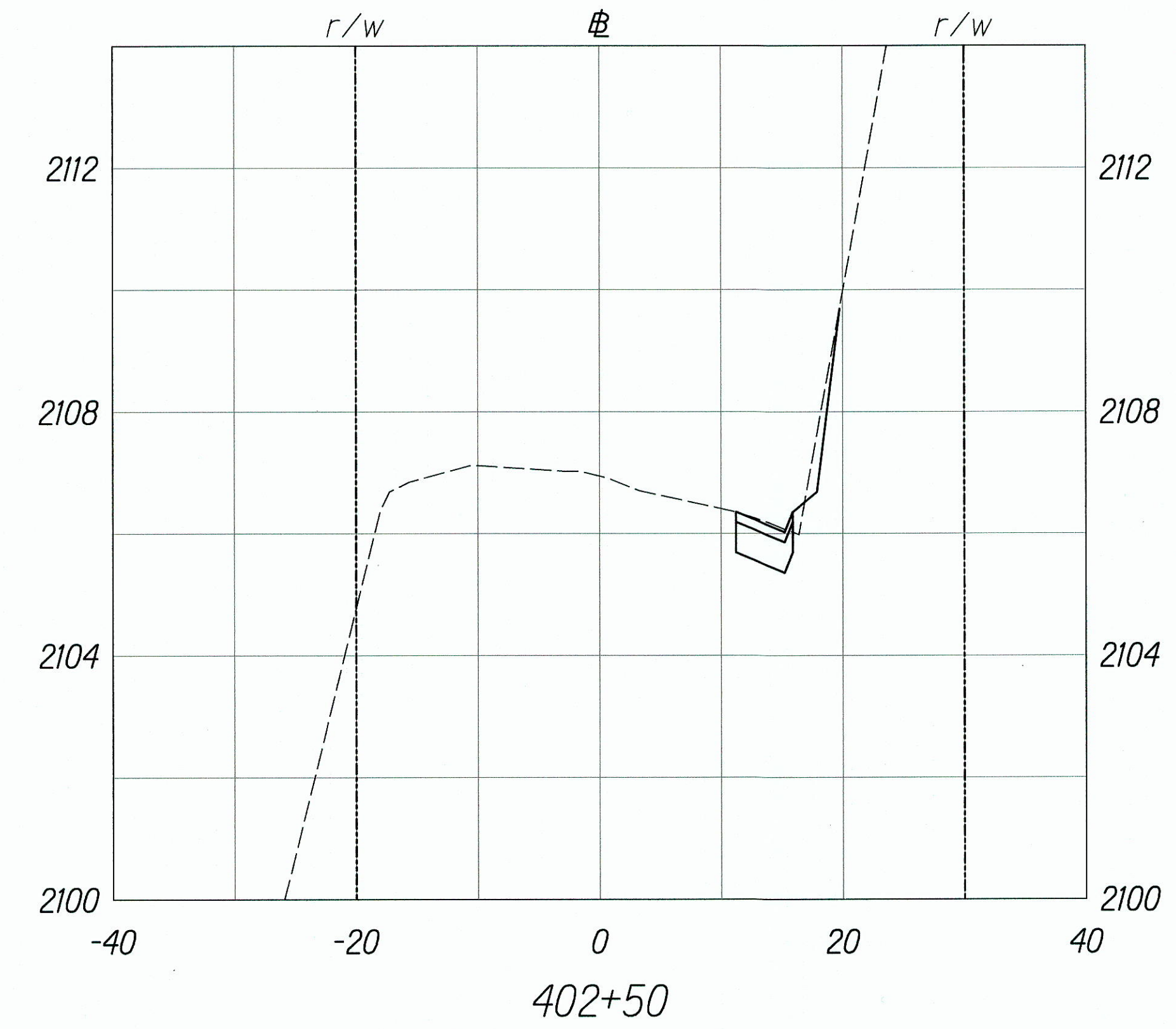
Note:
 Pavement reconstruction not shown on cross sections.

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0190(016)	2016	19	36

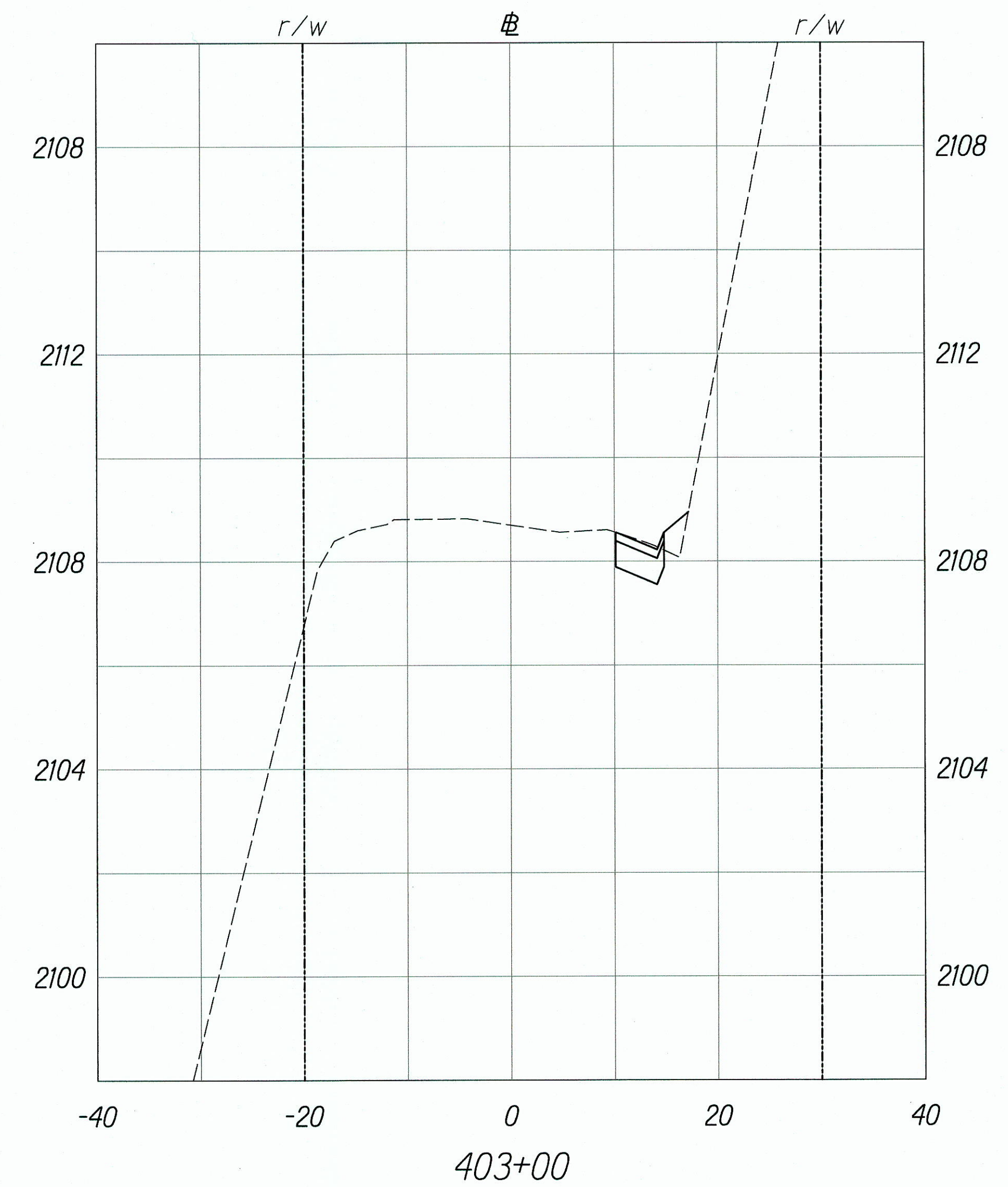


Note:
Pavement reconstruction not shown on cross sections.



SWALE CROSS SECTIONS
Scale: Horiz. 1"=10'
Vert. 1"=2'

Additional
Shotcrete in
Exposed Area

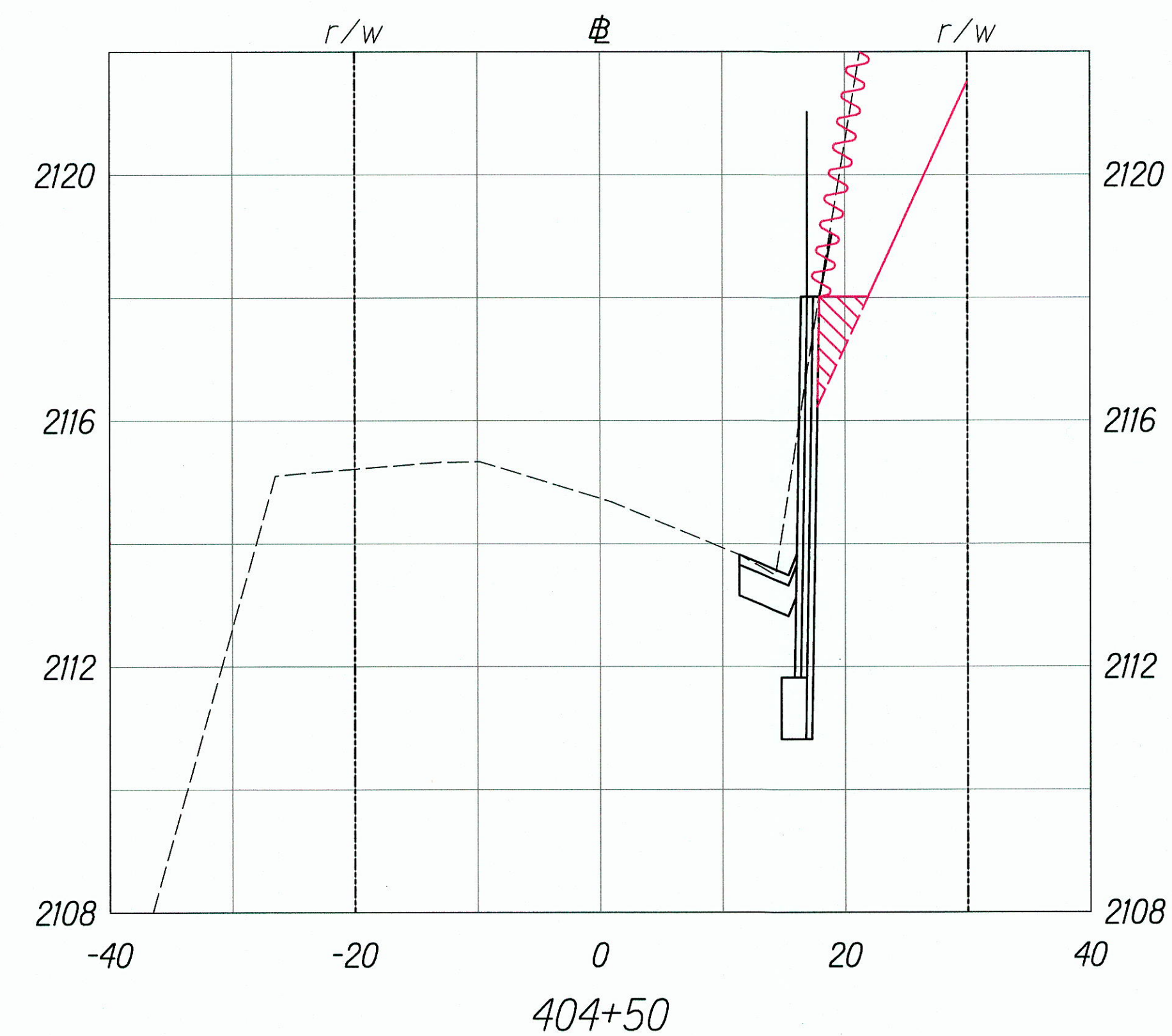
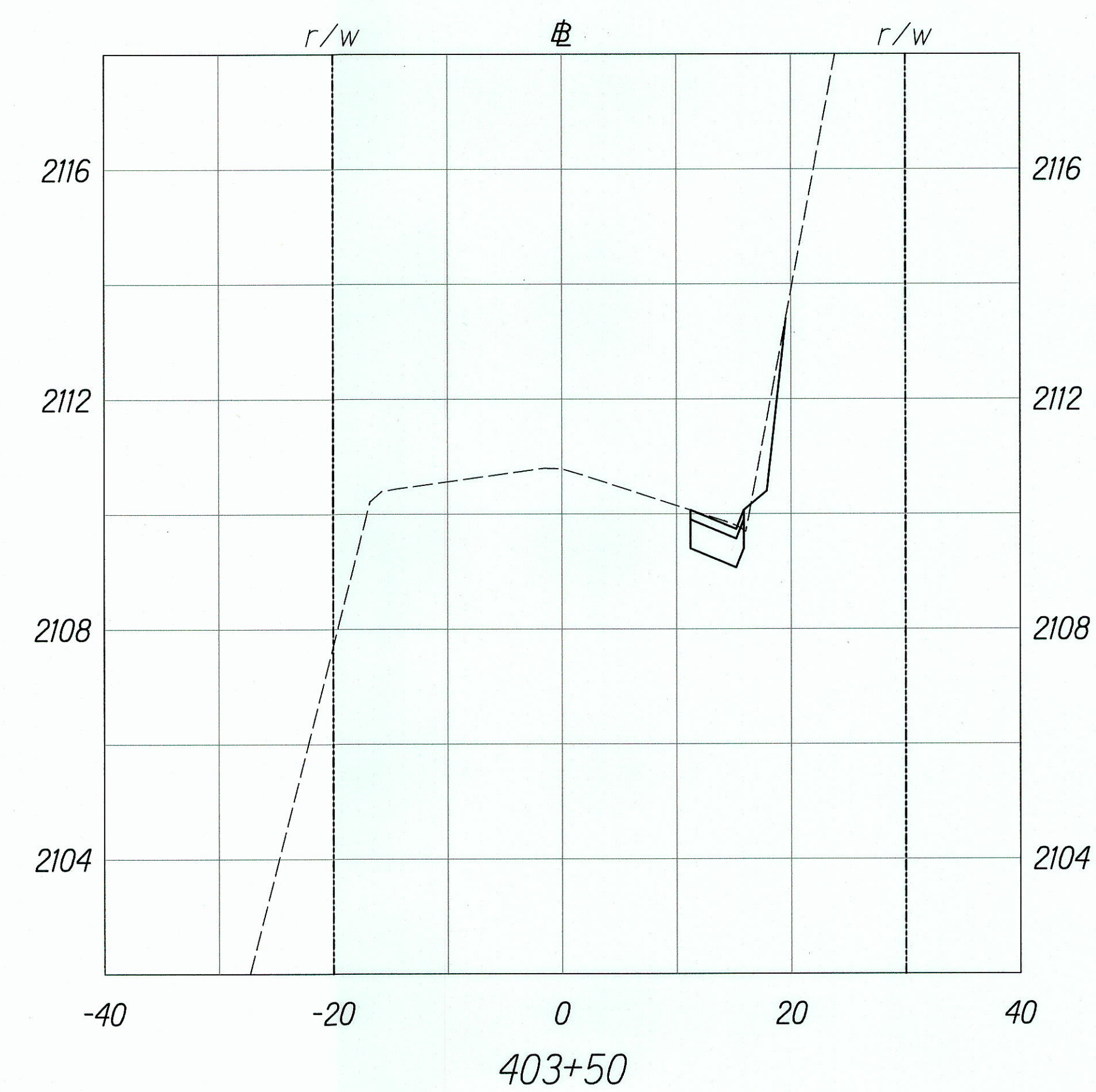
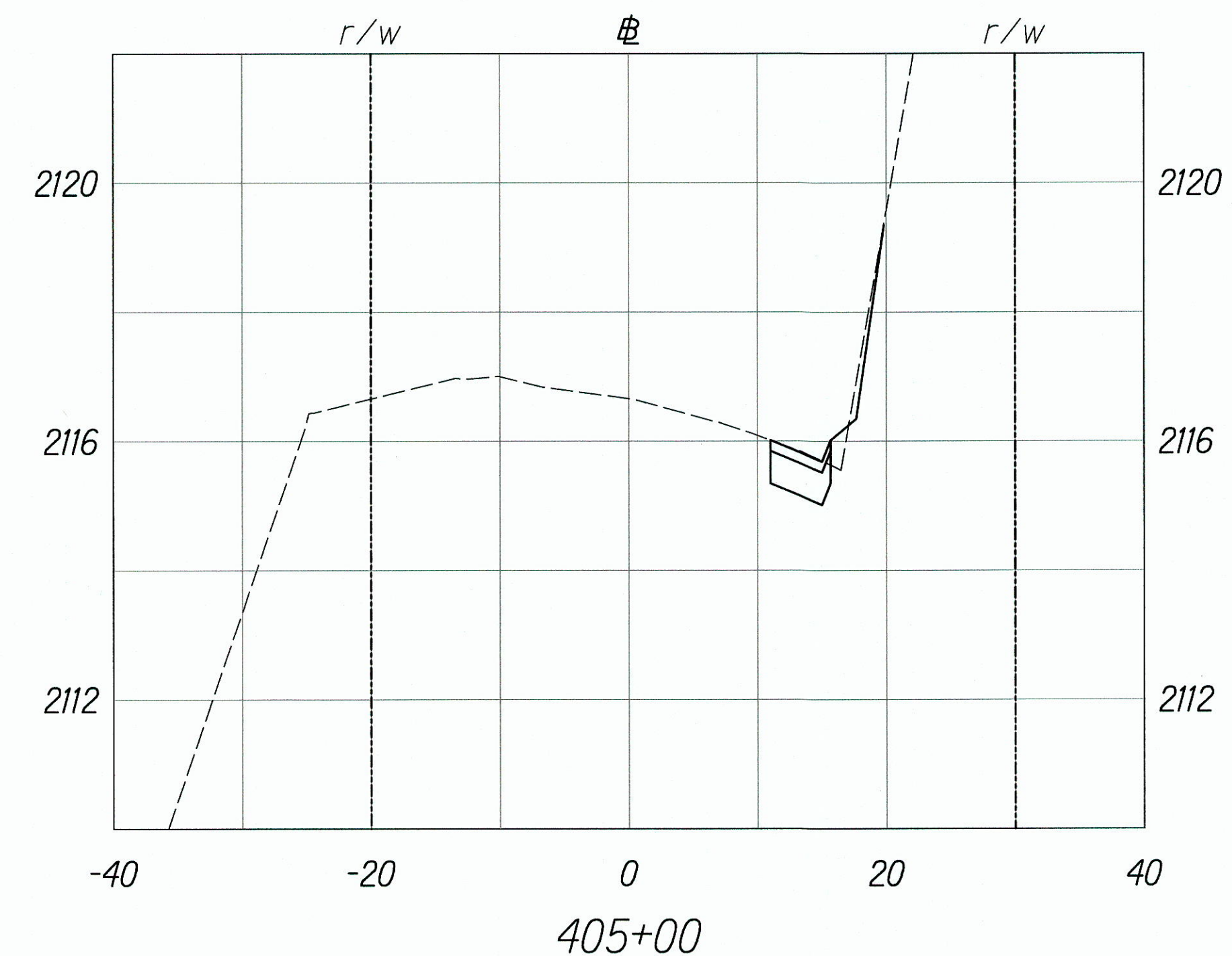
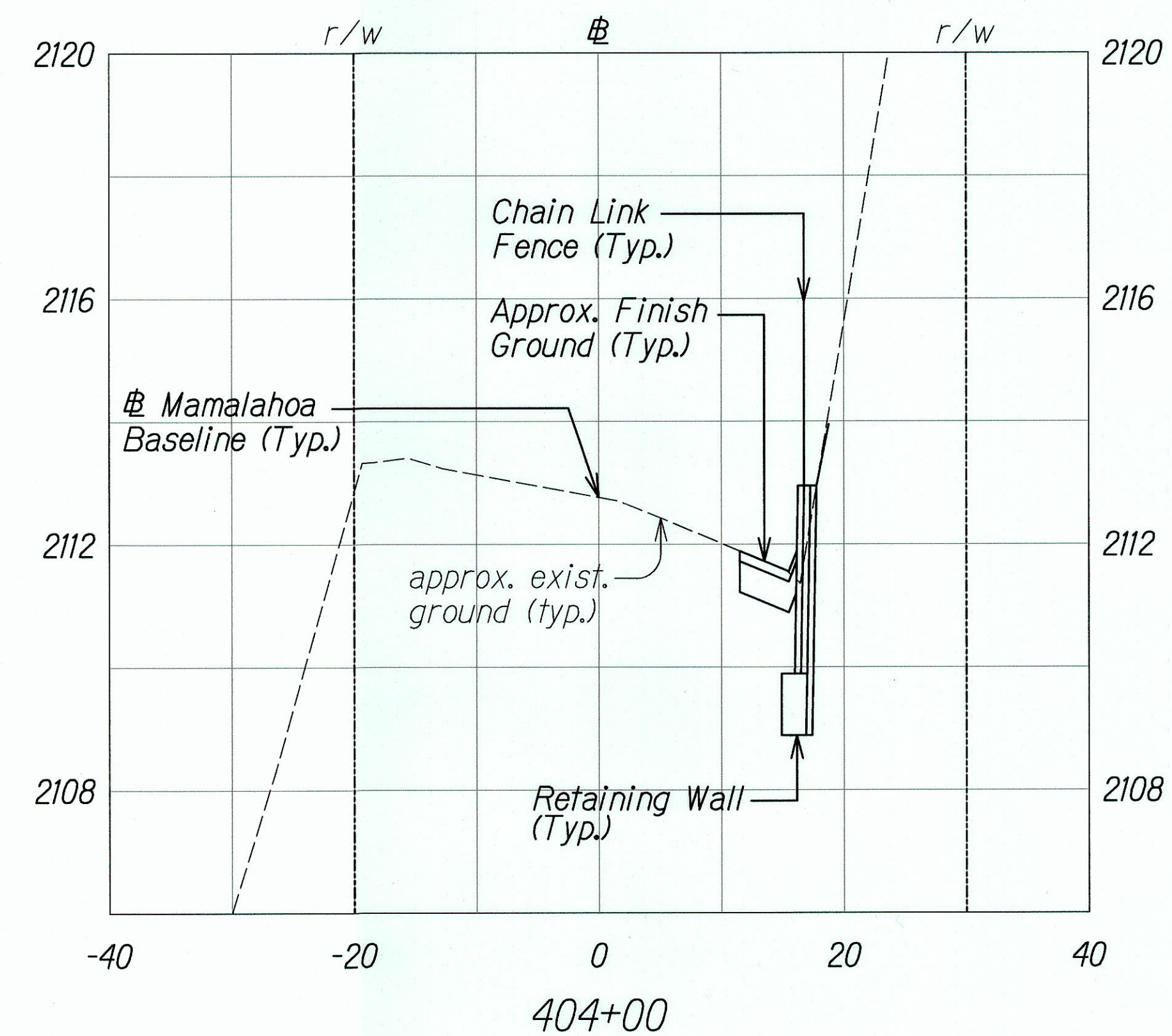


LEGEND FOR AS-BUILT POSTINGS
Squiggly line for as-built deletion
Double line for as-built deletion
Roadway Text for as-built posting

LENNIE OKANO-KENDRICK
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Jennie Okano-Kendrick
Expiration Date of License 4/18

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CROSS SECTIONS
MAMALAHOA HIGHWAY
DRAINAGE IMPROVEMENTS
Vicinity of Puuwaawaa Ranch Road
Federal-Aid Project No. STP-0190(016)
Scale: As Noted Date: April 2016

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0190(016)	2016	20	36



LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

Note:
Pavement reconstruction not shown on cross sections.

SWALE CROSS SECTIONS
Scale: Horiz. 1"=10'
Vert. 1"=2'

Additional Shotcrete in Exposed Area

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Lennie Okano-Kendrick
Expiration Date of License 4/18.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CROSS SECTIONS
MAMALAHOA HIGHWAY
DRAINAGE IMPROVEMENTS
Vicinity of Puuwaawaa Ranch Road
Federal-Aid Project No. STP-0190(016)
Scale: As Noted Date: April 2016
SHEET No. 3 OF 3 SHEETS

"AS-BUILT"