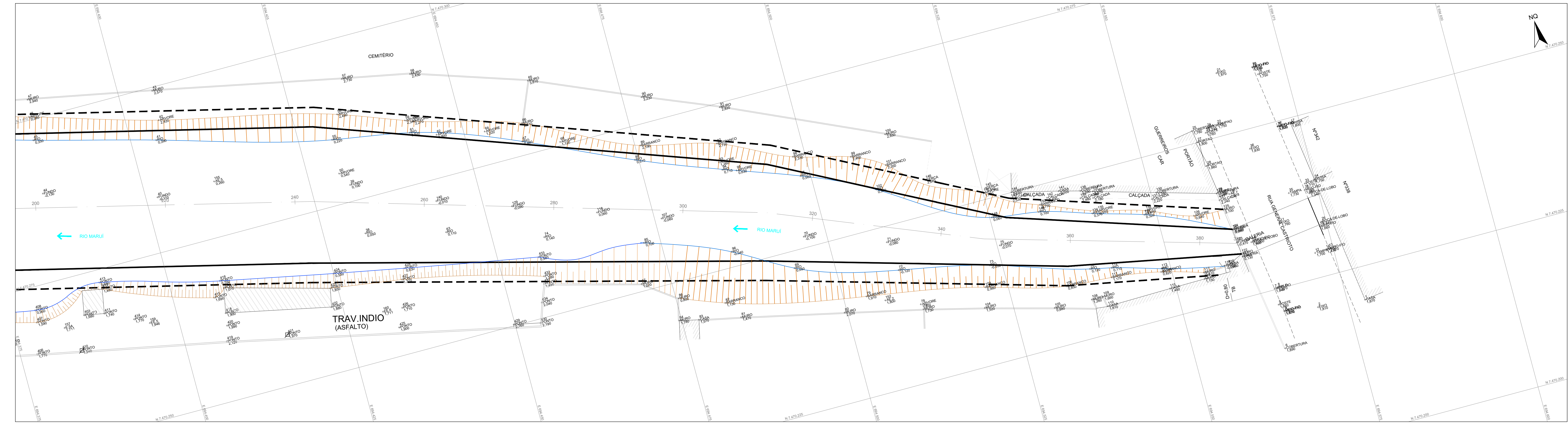
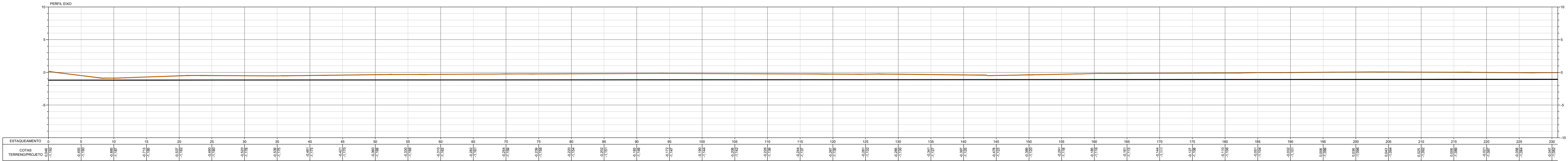
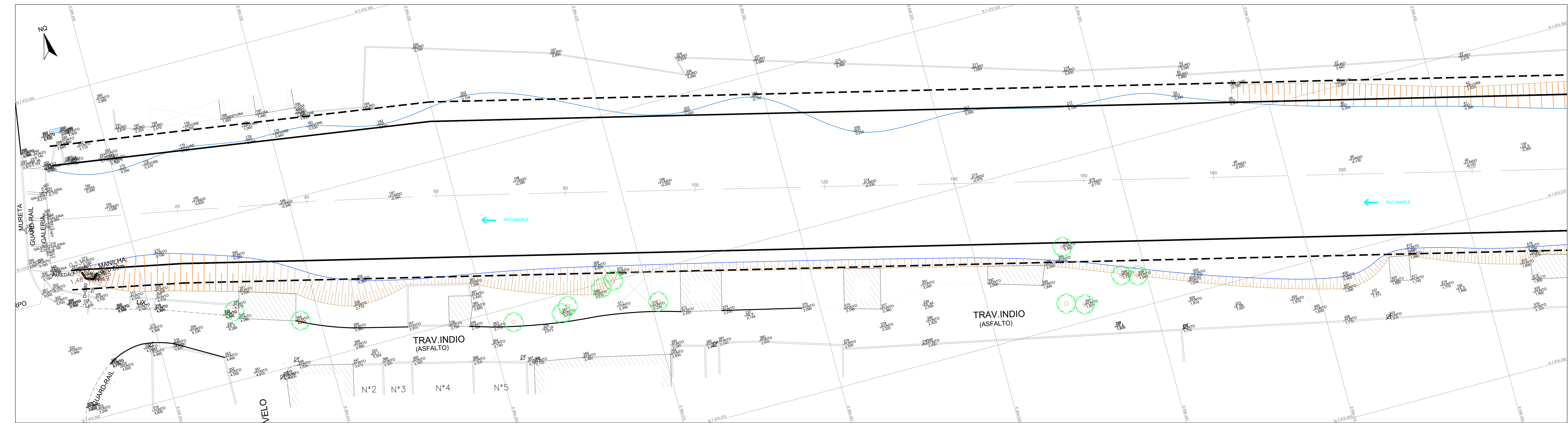


LEGENDA

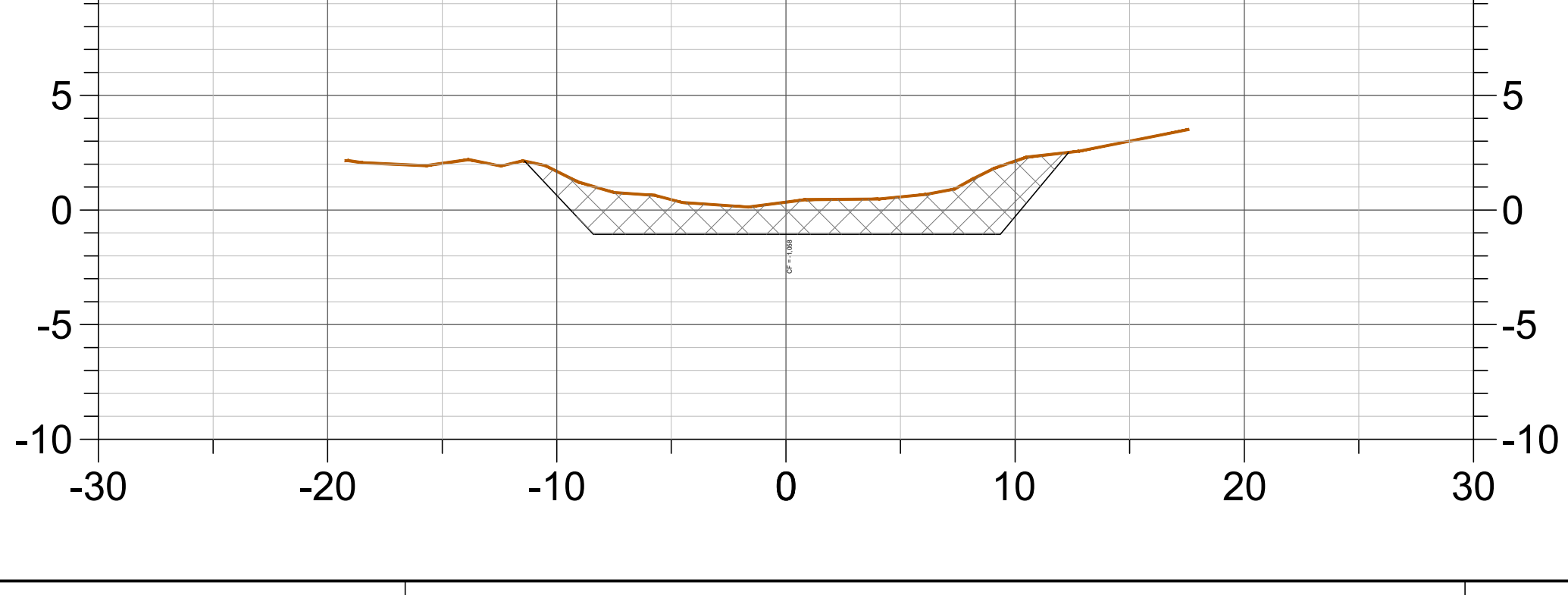
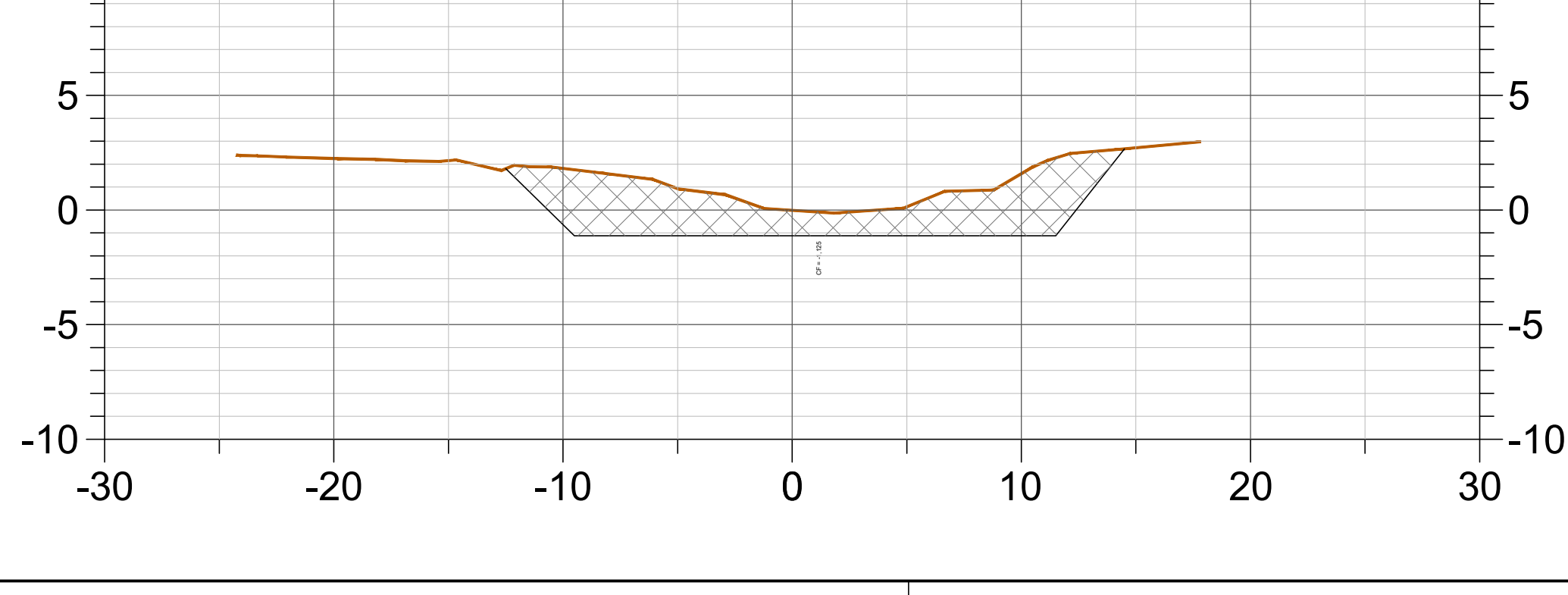
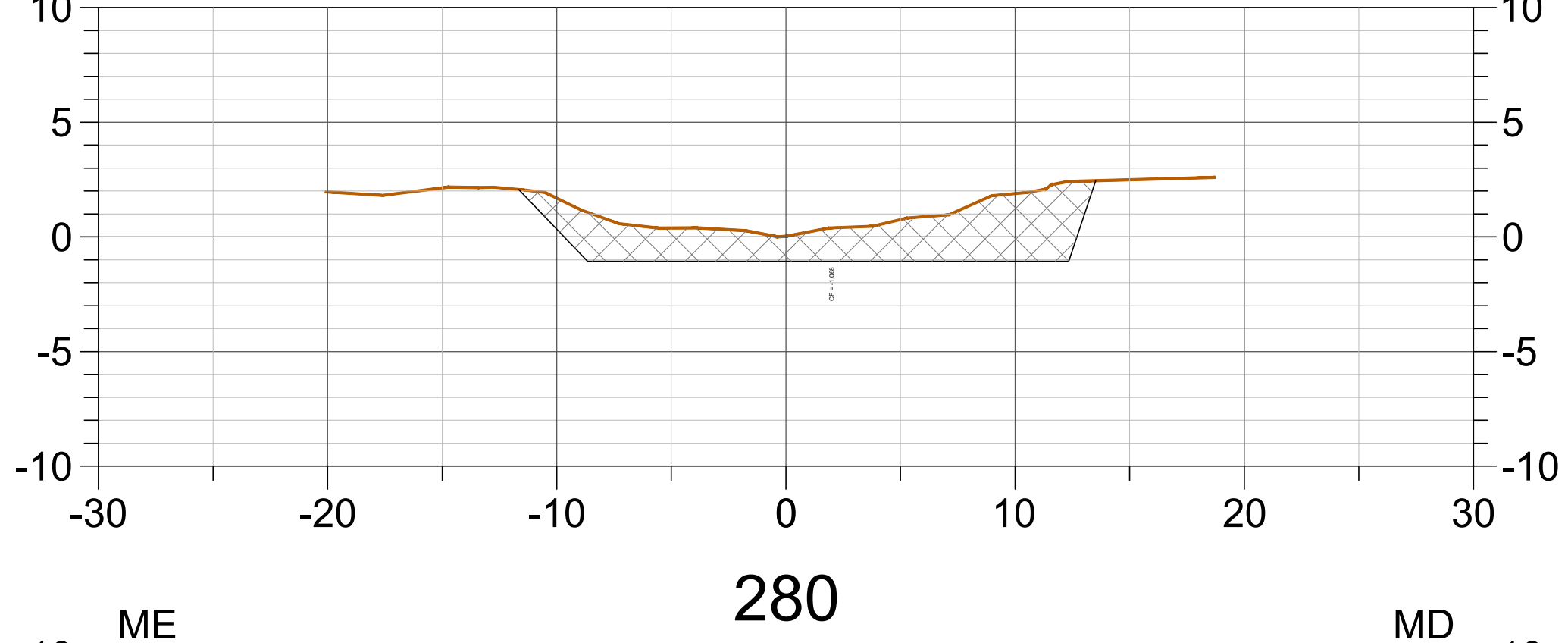
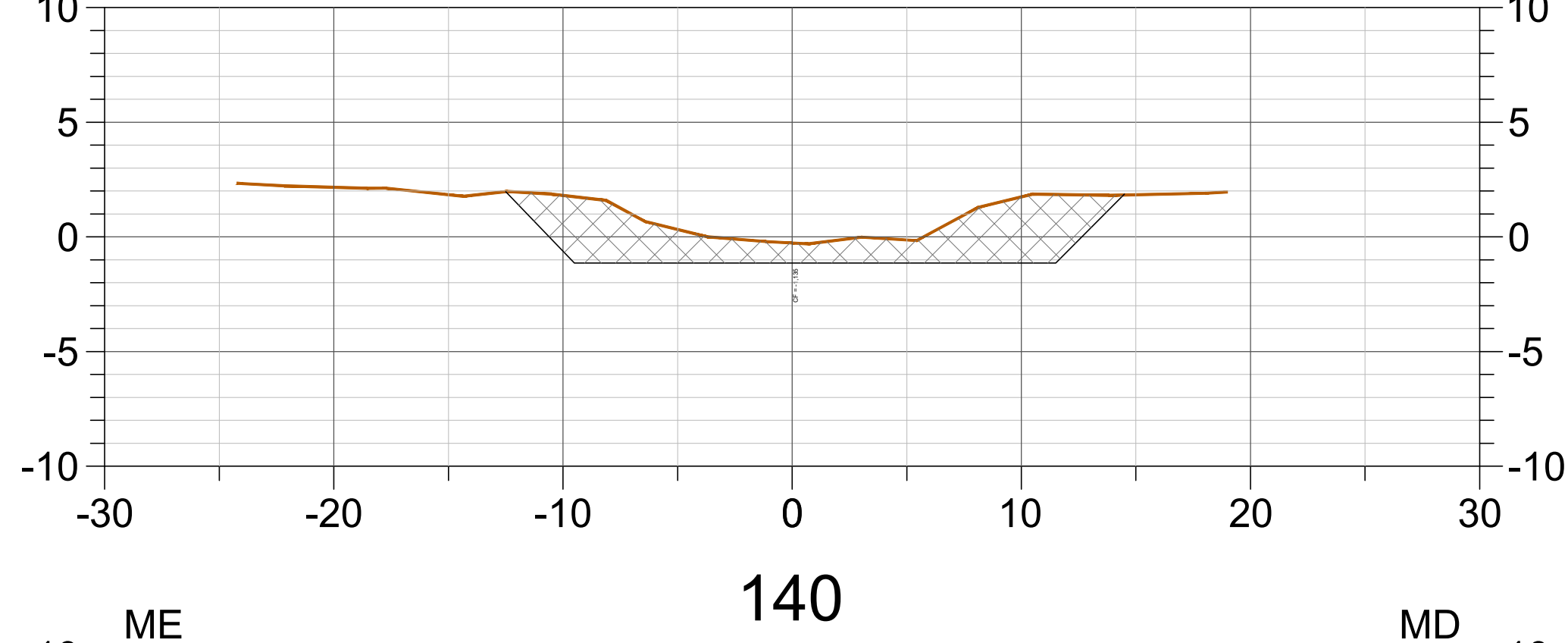
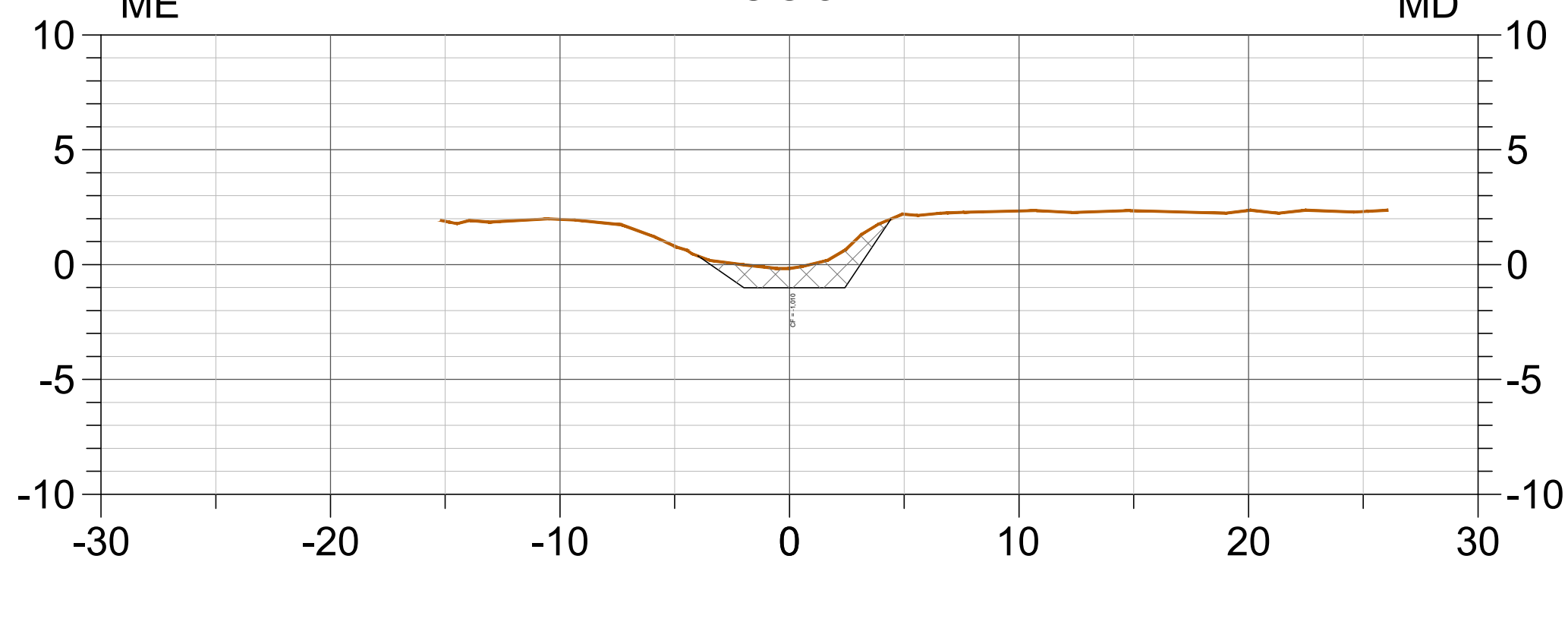
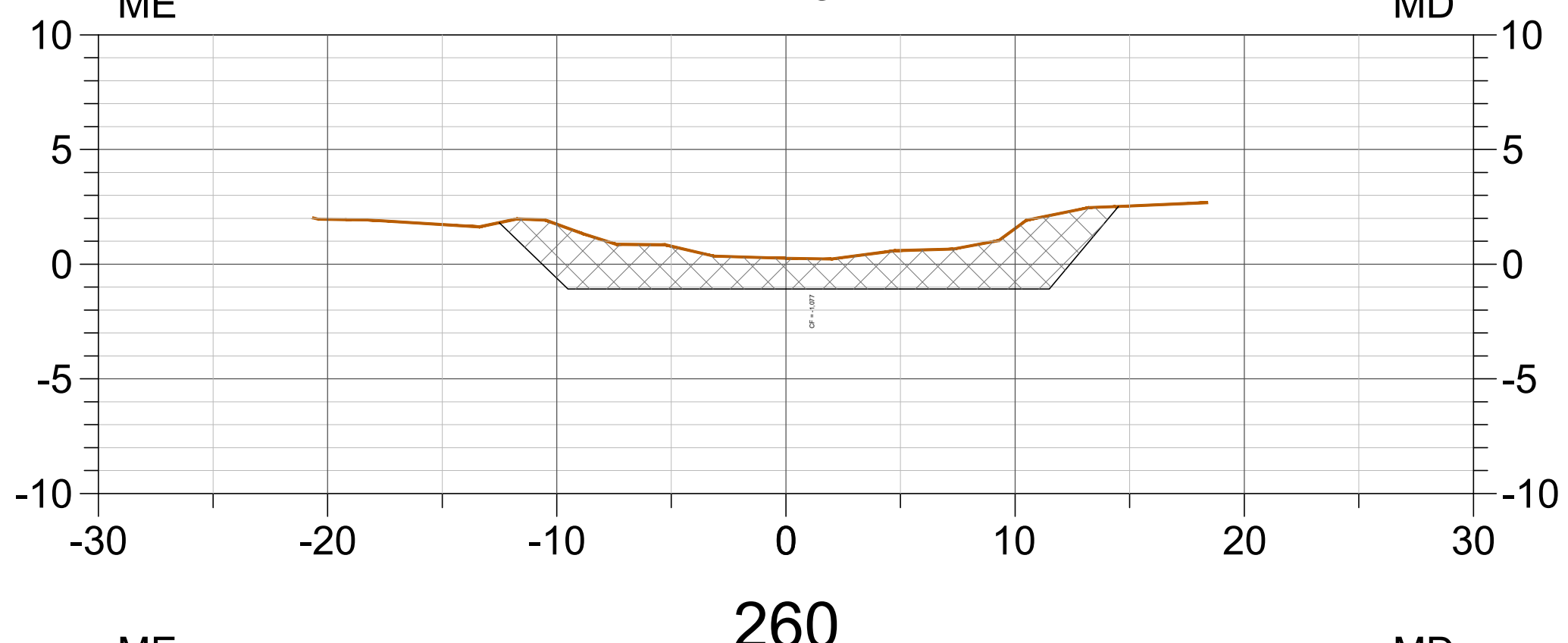
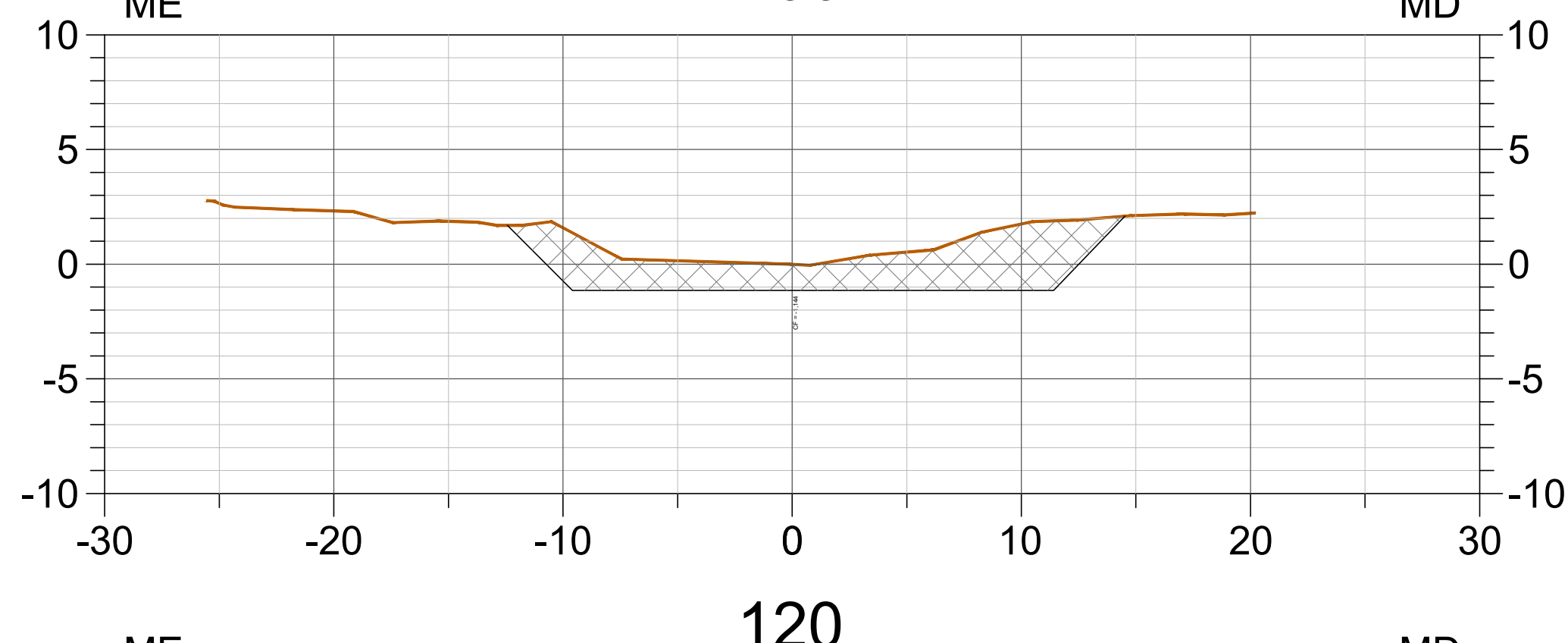
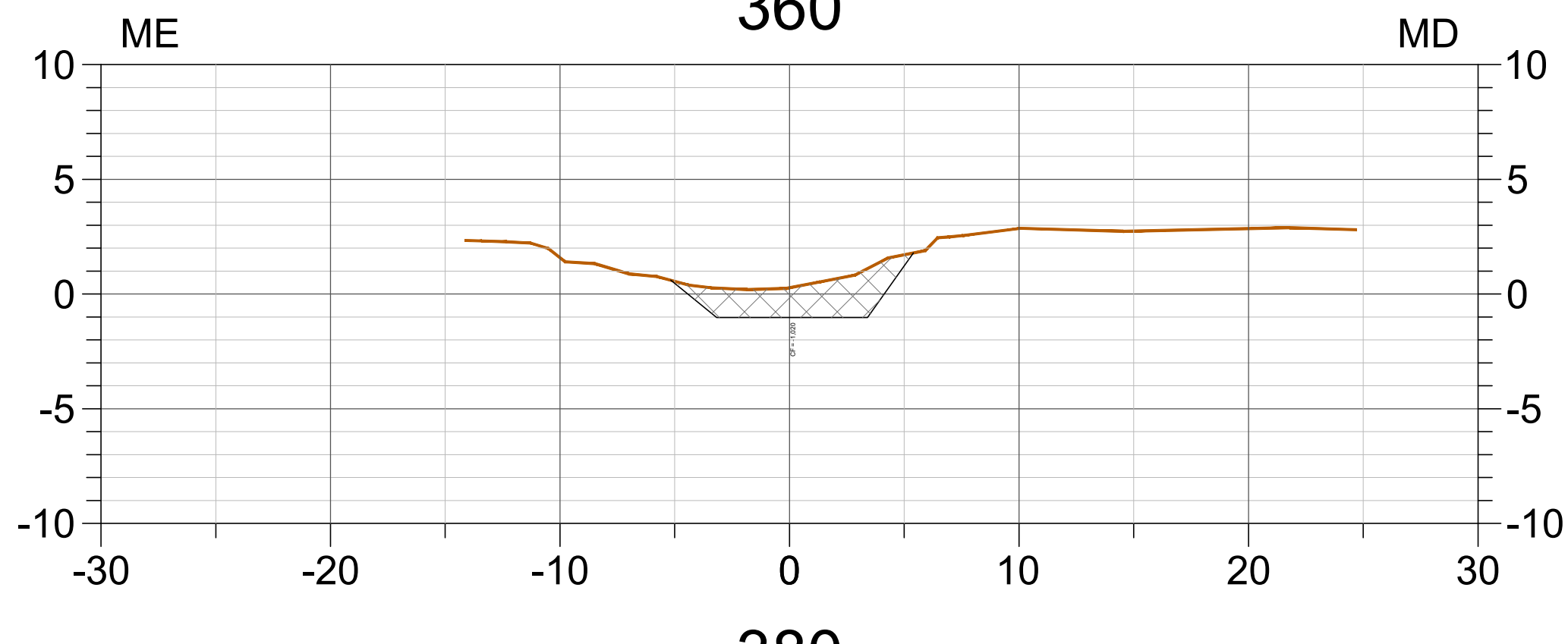
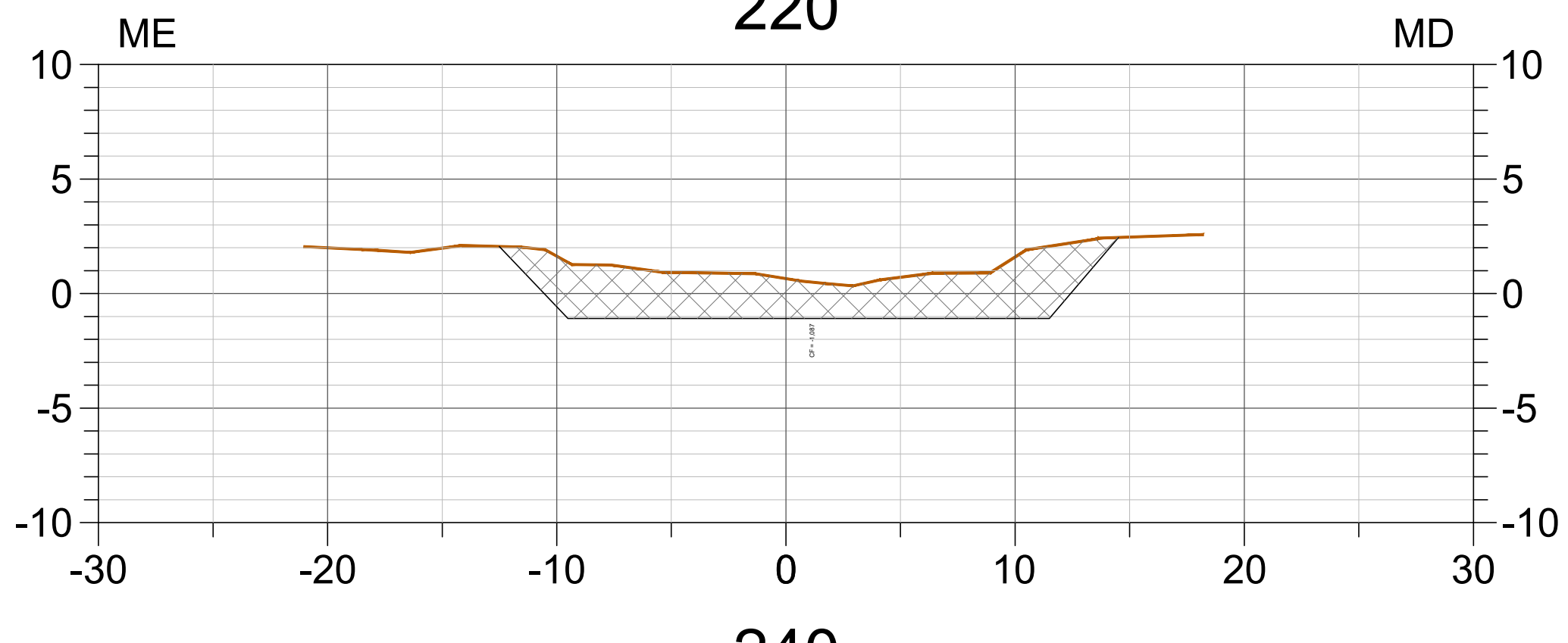
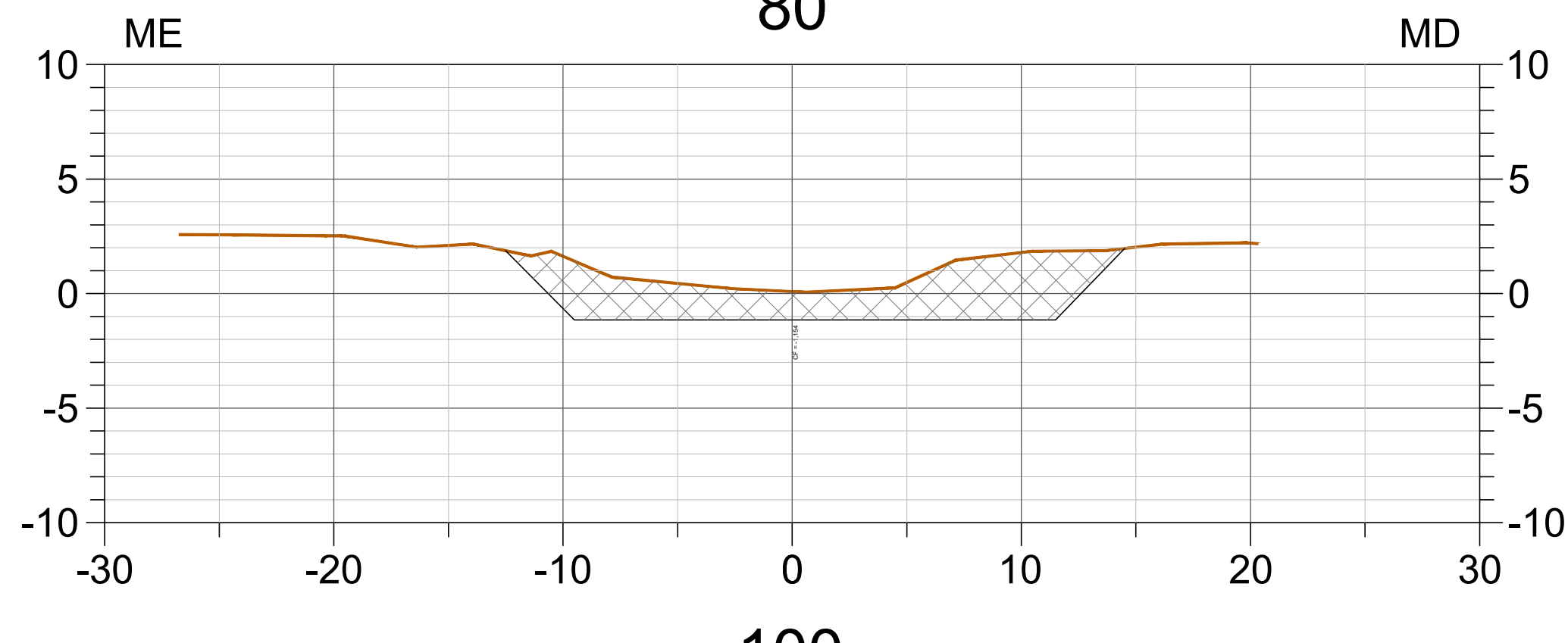
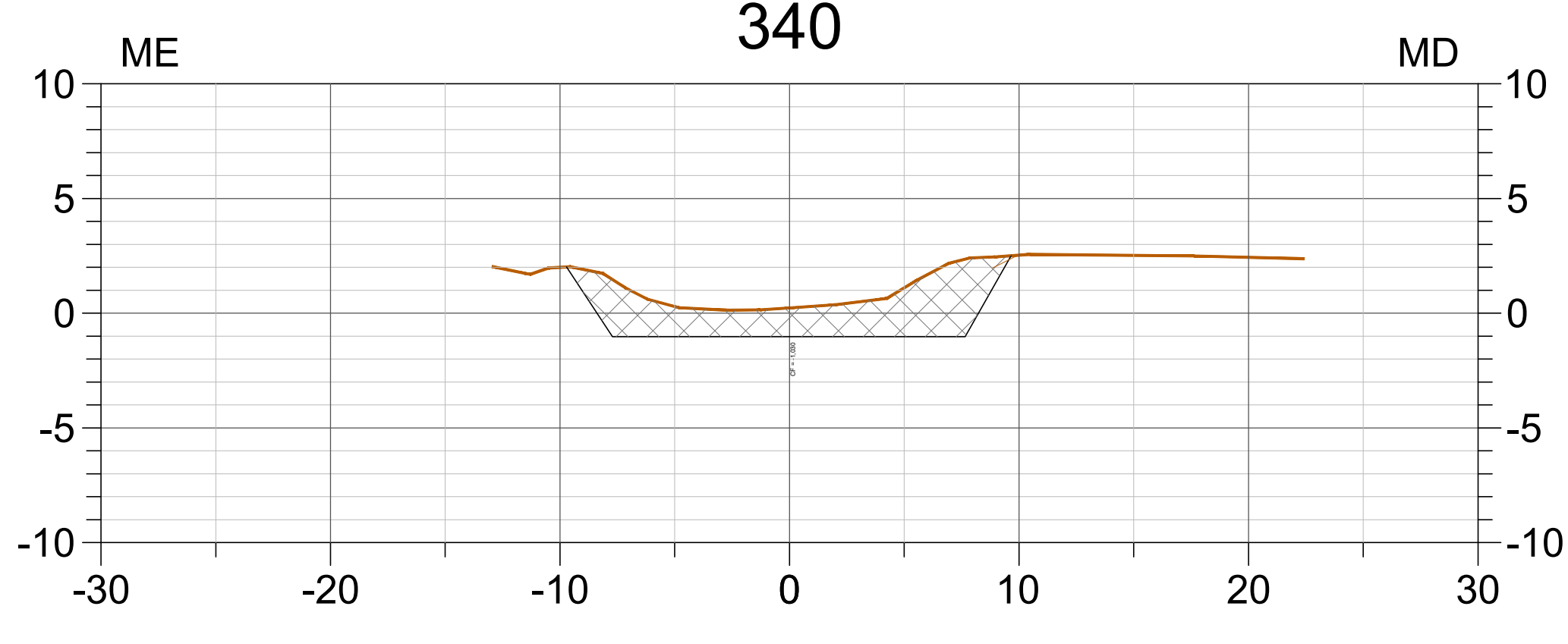
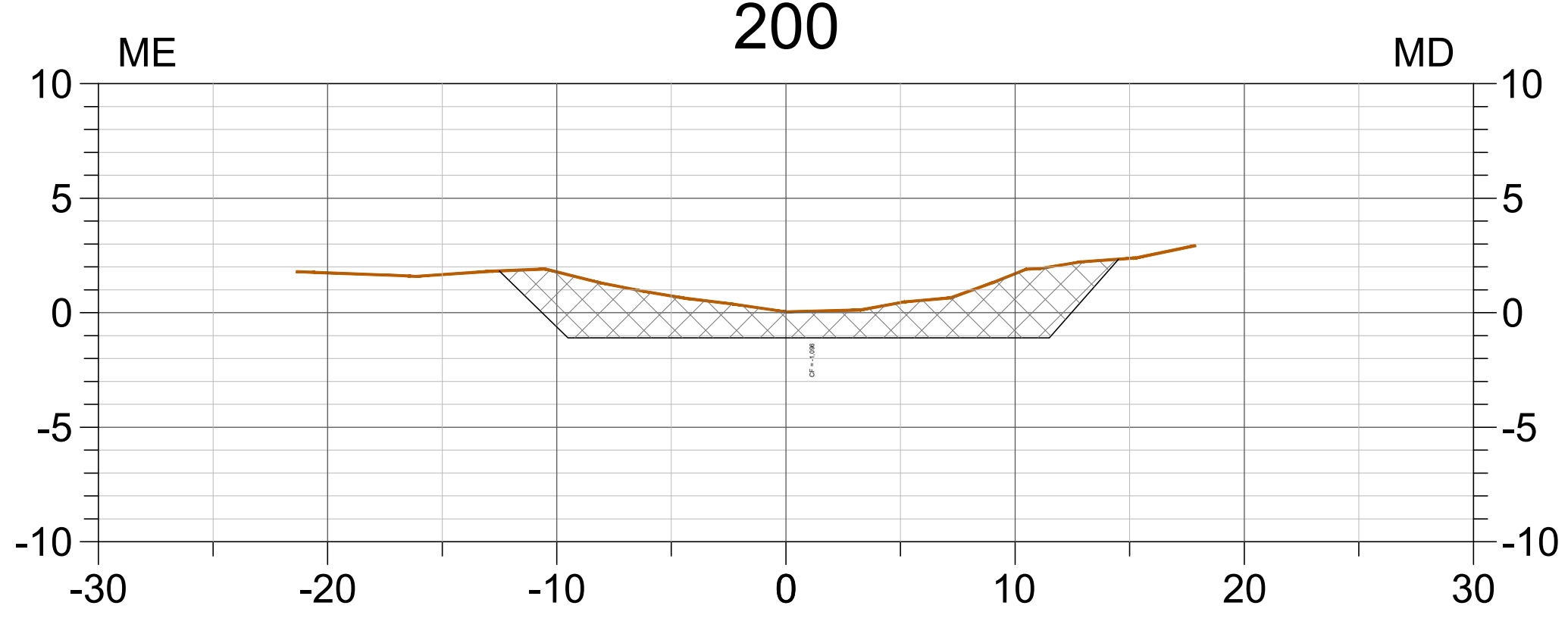
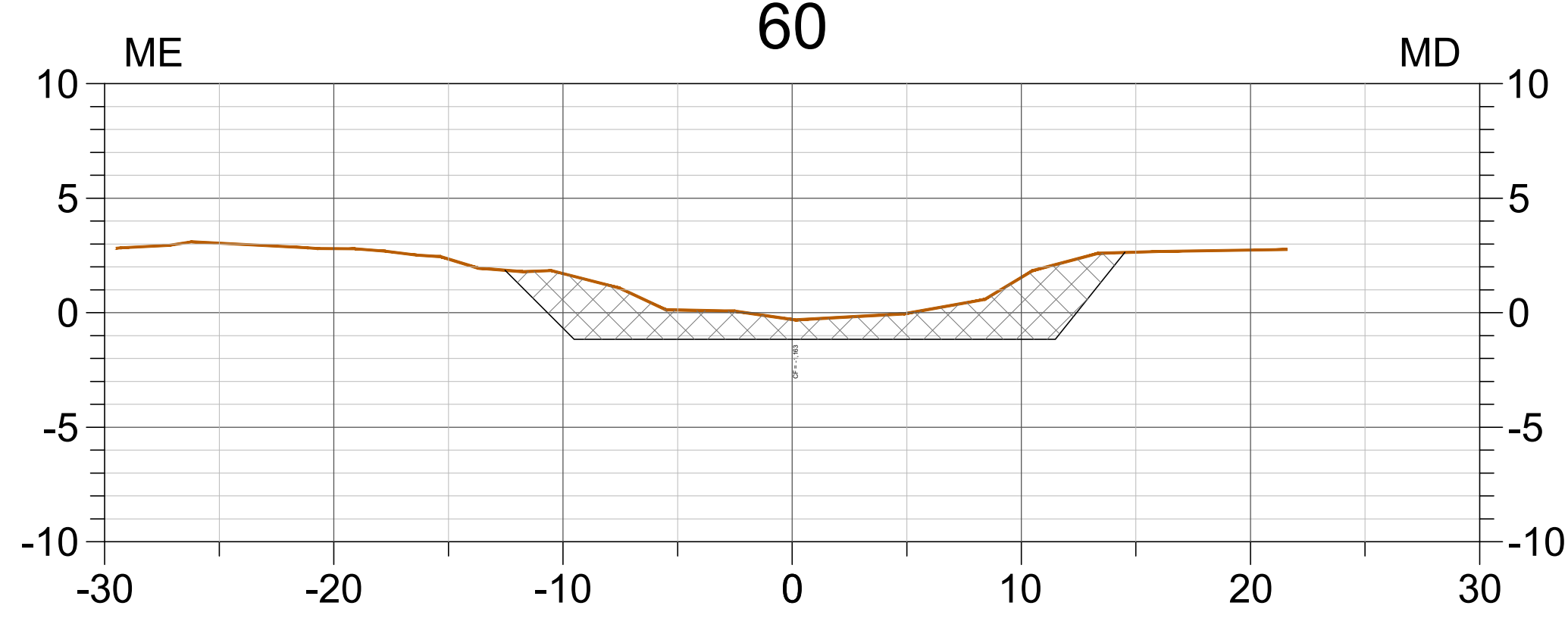
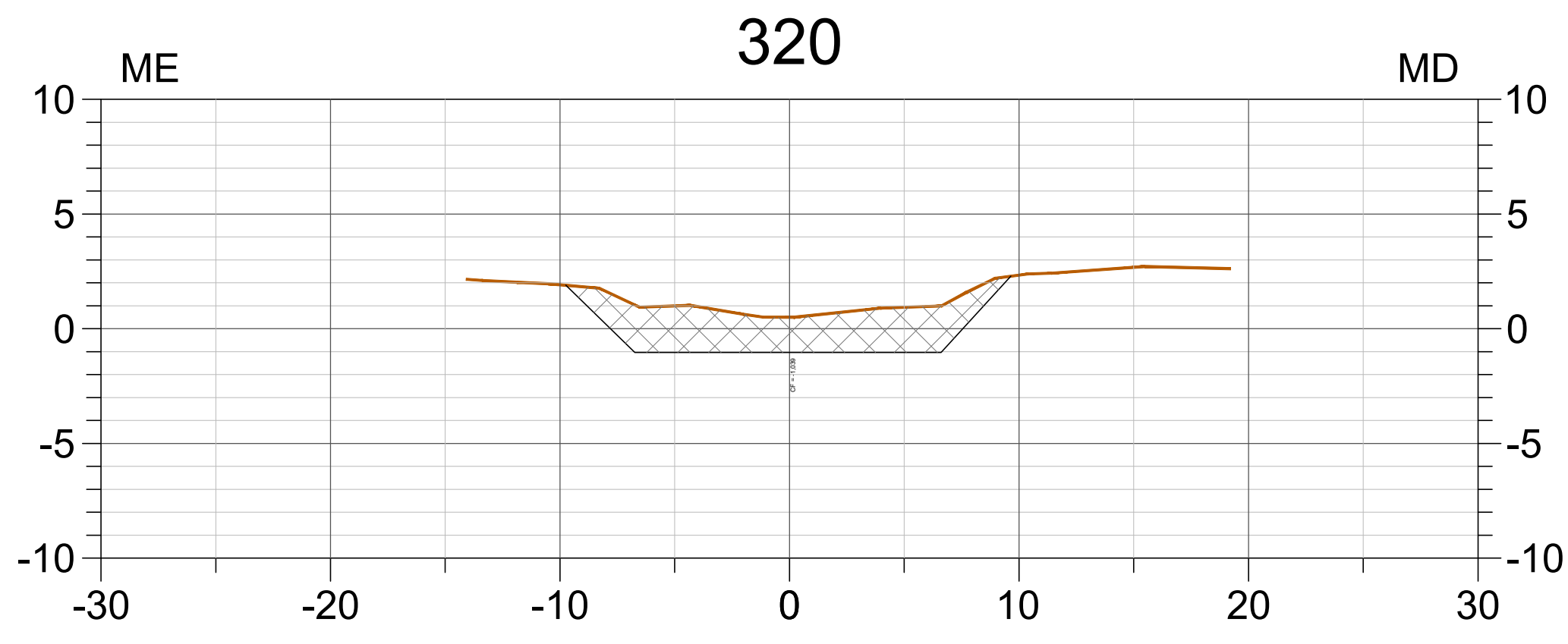
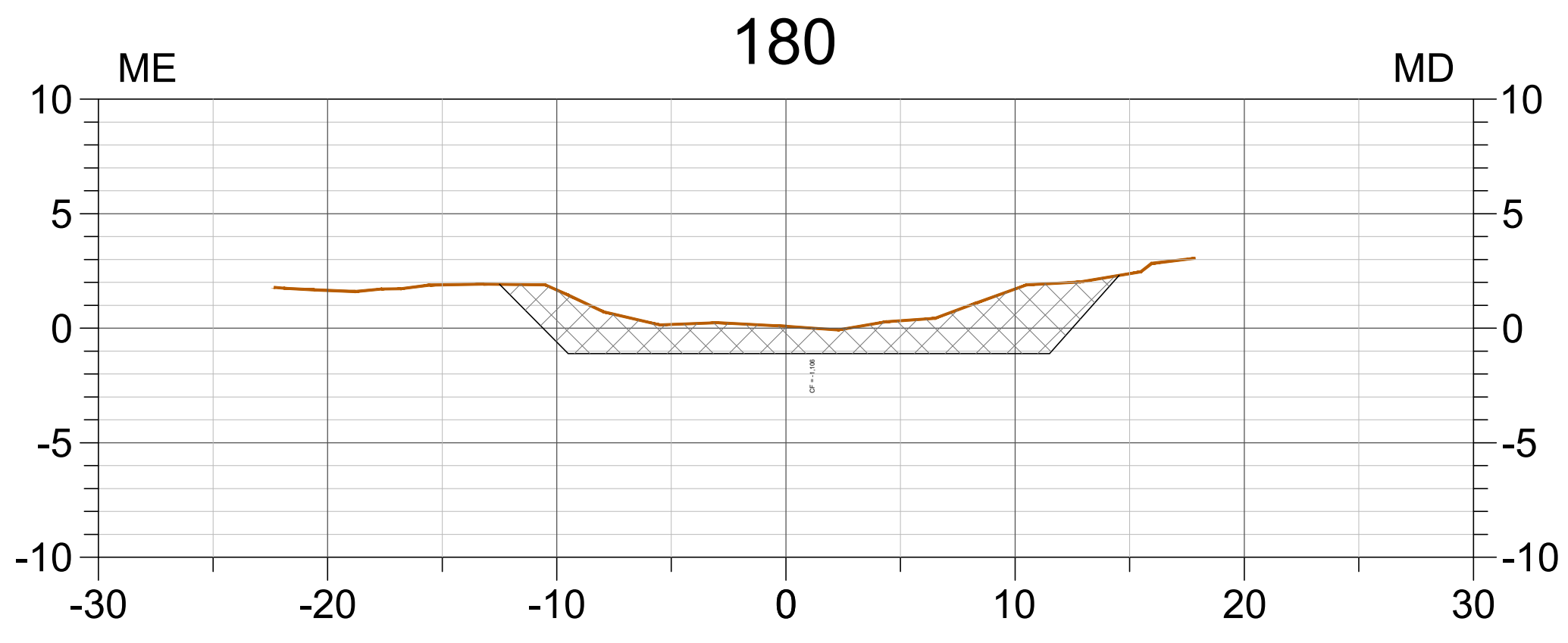
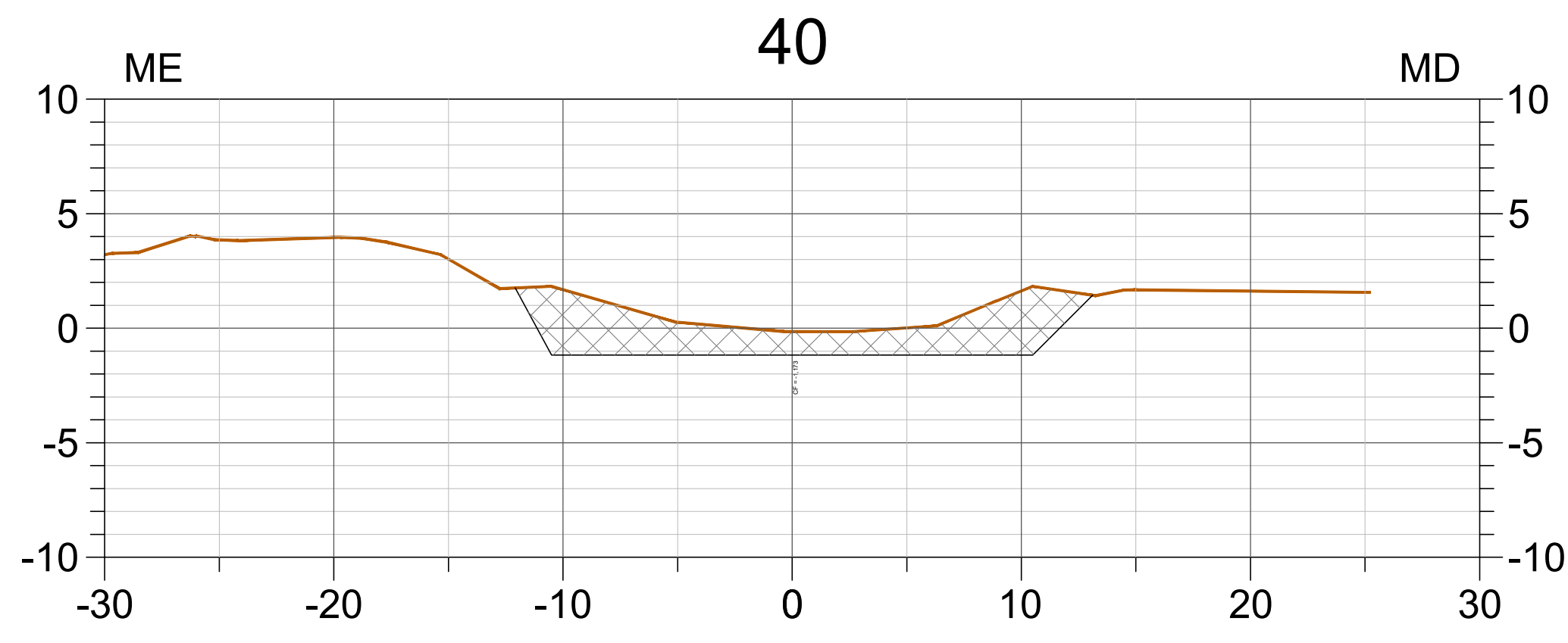
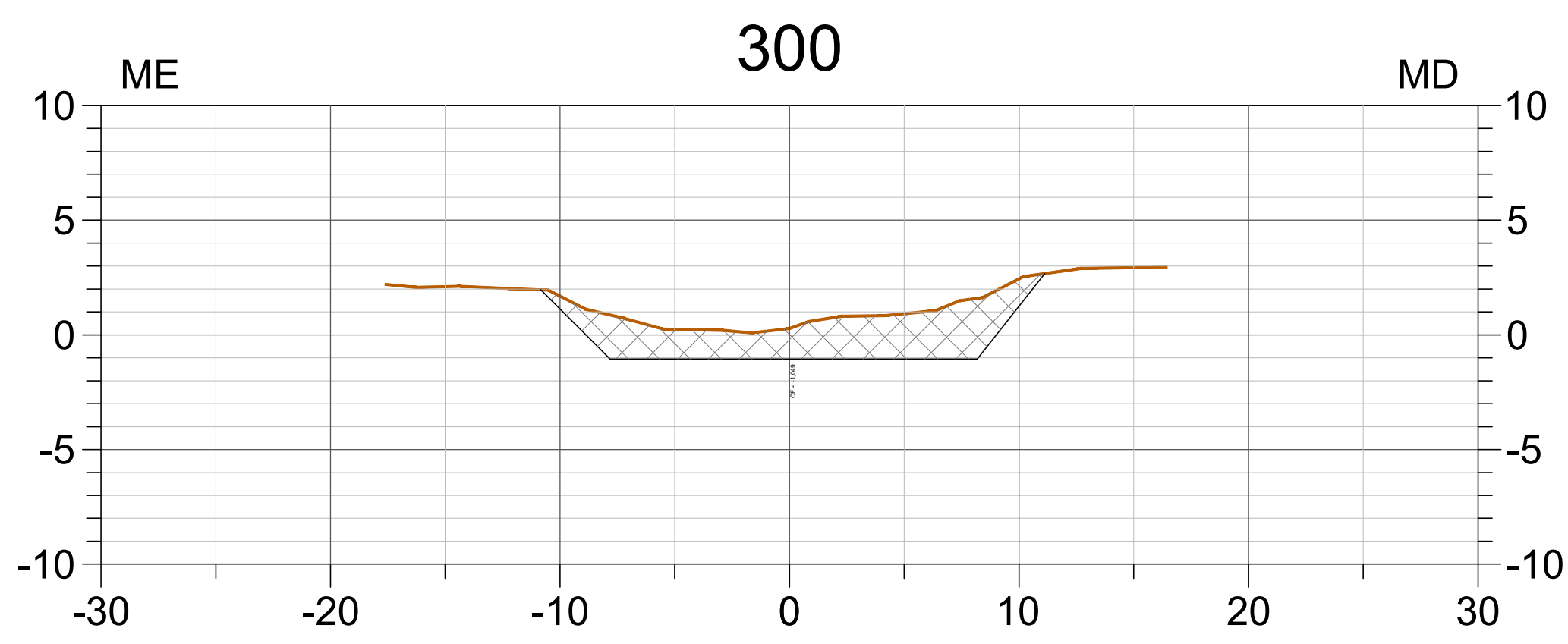
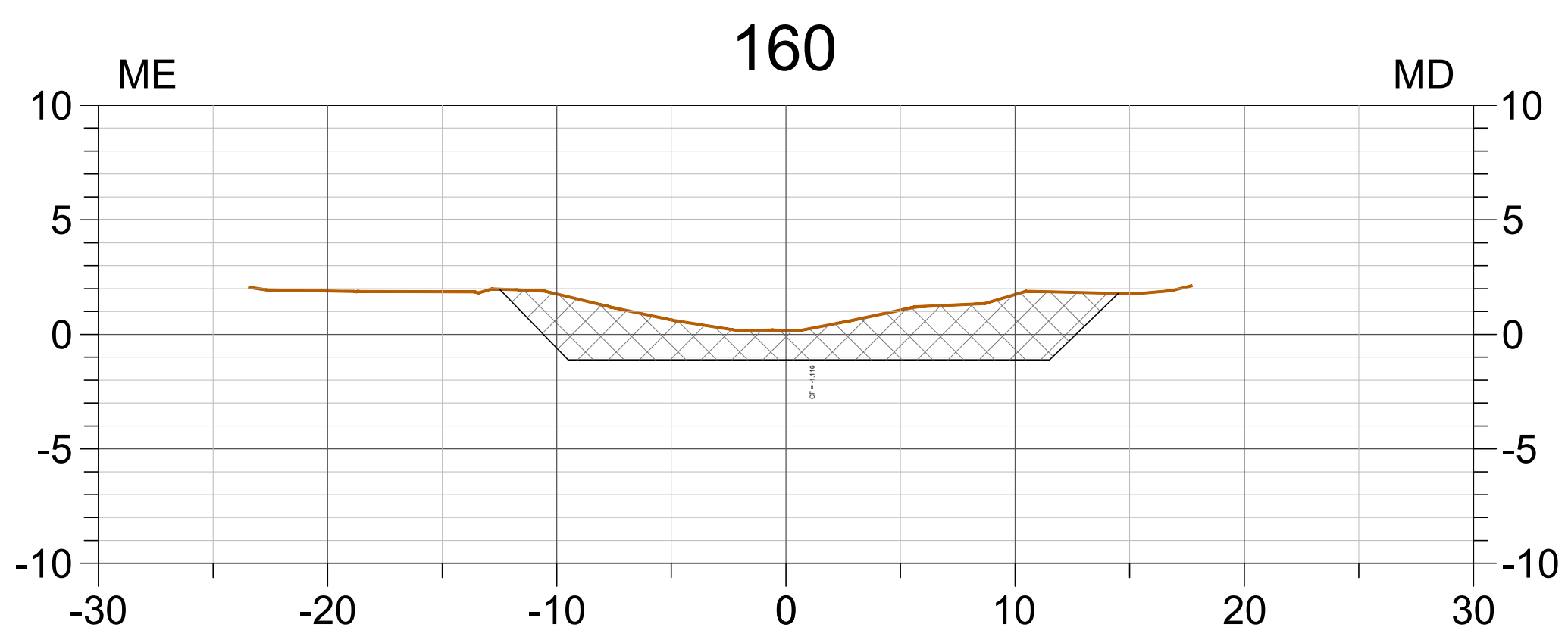
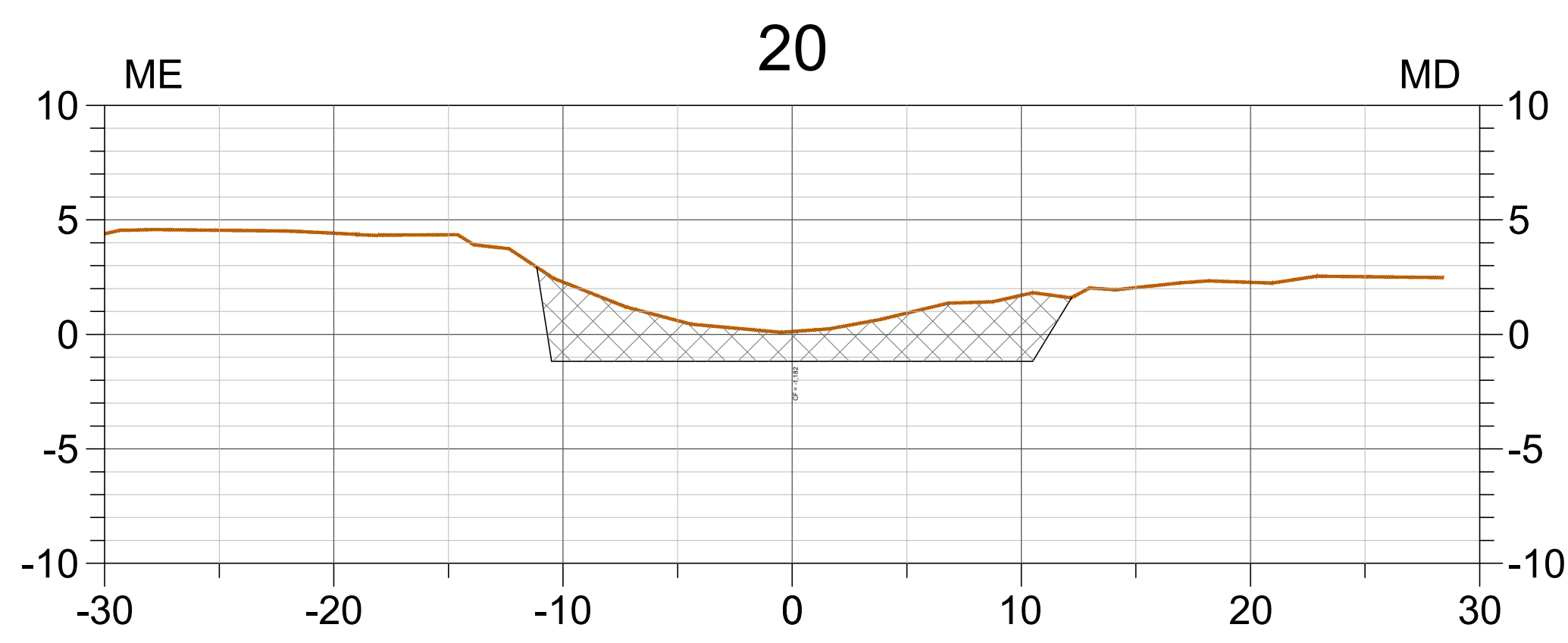
- NUMERO DE ESTACAO COTA
- PONTO COLETADO
- MEIO FIO
- CERCA
- GRADIL
- MURO
- PORTÃO
- ÁRVORE
- POSTE
- CAIXA DE PASSAGEM
- POÇO DE VISITA
- ROCHA
- EDIFICAÇÃO
- TALUDE
- CURVA DE NÍVEL
- ESTAQUEAMENTO
- SEÇÃO TIPO
- SENTIDO DE ESCOAMENTO

NOTAS

- 1 - MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO;
- 2 - FOI CONSIDERADA UMA SEÇÃO TRAPEZOIDAL COM TALUDE APROXIMADO DE 1:1, COM FUNDO VARIANDO DE 7M A 21M.

DOCUMENTOS DE REFERÊNCIA

- 1 - NBR 13.133



Estaca	Área (m²)	Área média (m²)	distância (m)	Volume (m³)	Volume Acumulado (m³)
CORTE	CORTE	CORTE	CORTE	CORTE	CORTE
20	47.732	44.090	50.00	2.204.493	2.204.493
40	40.447	41.389	20.00	827.783	3.032.276
60	42.331	44.971	20.00	899.410	3.931.686
80	47.610	46.079	20.00	921.576	4.853.262
100	44.548	44.146	20.00	882.927	5.736.189
120	43.745	46.449	20.00	928.976	6.665.165
140	49.152	50.034	20.00	1000.689	7.665.854
160	50.017	47.088	20.00	941.755	8.607.609
180	43.259	45.329	20.00	906.578	9.514.185
200	47.399	49.439	20.00	989.770	10.502.955
220	51.478	49.435	20.00	988.692	11.491.647
240	47.391	46.080	20.00	921.596	12.413.243
260	44.789	41.036	20.00	820.719	13.233.962
280	37.303	35.428	20.00	708.565	13.942.527
300	33.553	32.495	20.00	649.900	14.592.427
320	31.437	35.689	20.00	713.777	15.306.204
340	39.941	28.765	20.00	575.292	15.881.496
360	17.598	14.658	20.00	293.159	16.174.655
380	11.728	5.864	20.00	117.278	16.291.933
TOTAL				16.292 m³	

LEGENDA

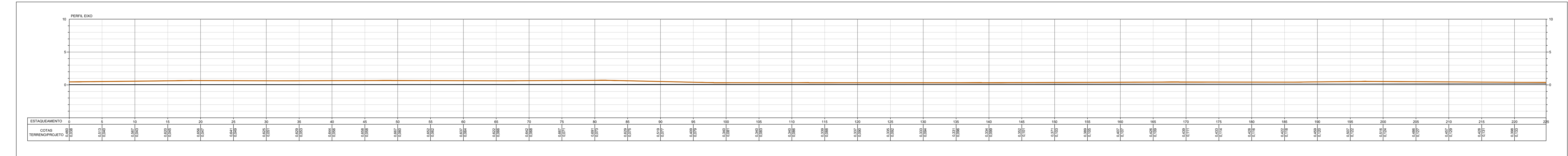
COORTE NA SEÇÃO HIDRÁULICA

NOTAS

- 1 - MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO;
2 - FOI CONSIDERADA UMA SEÇÃO TRAPEZOIDAL COM TALUDE APROXIMADO DE 1:1, COM FUNDO VARIANDO DE 7M A 21M.

DOCUMENTOS DE REFERÊNCIA

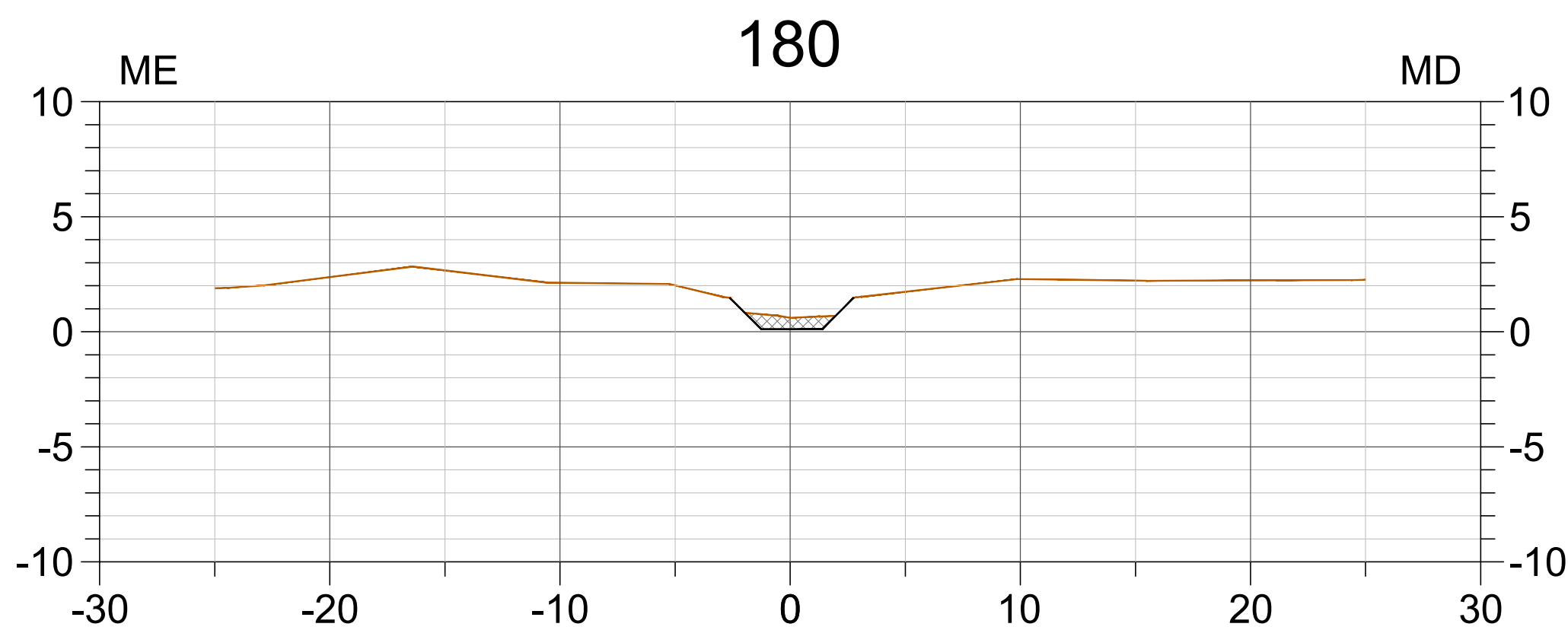
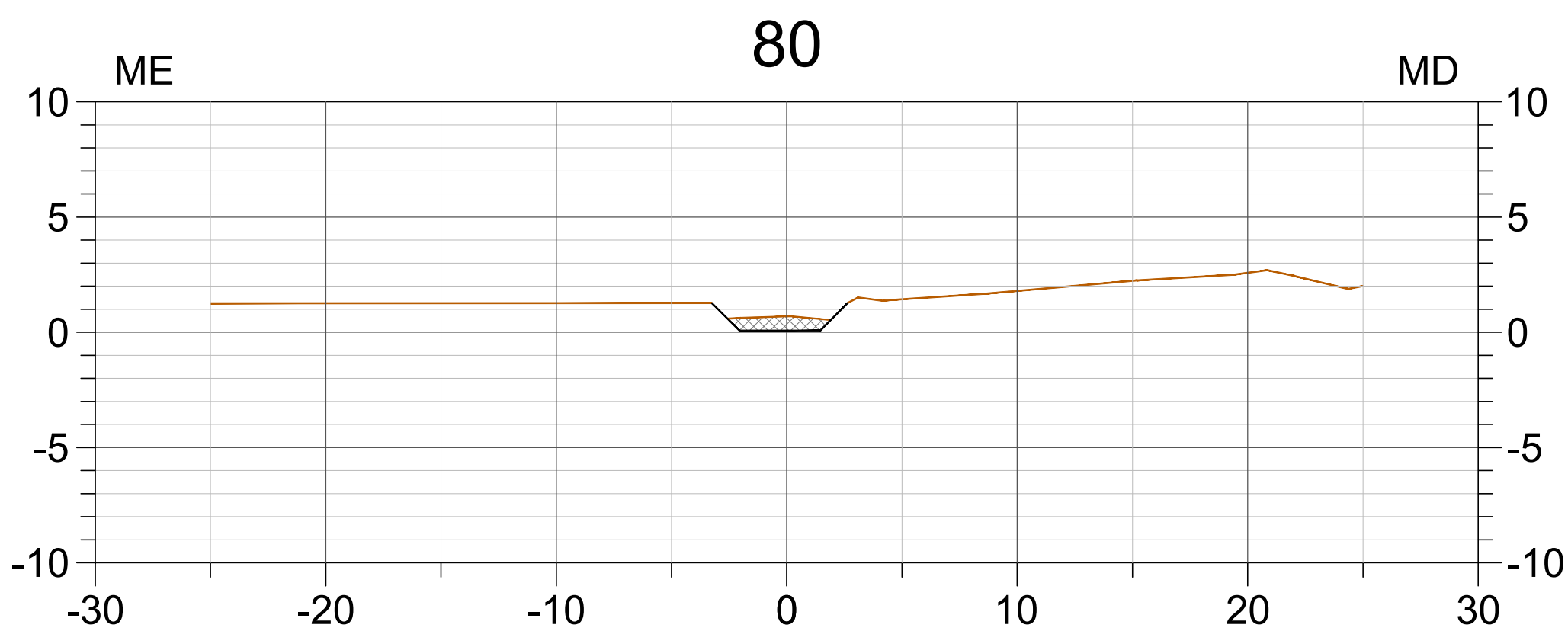
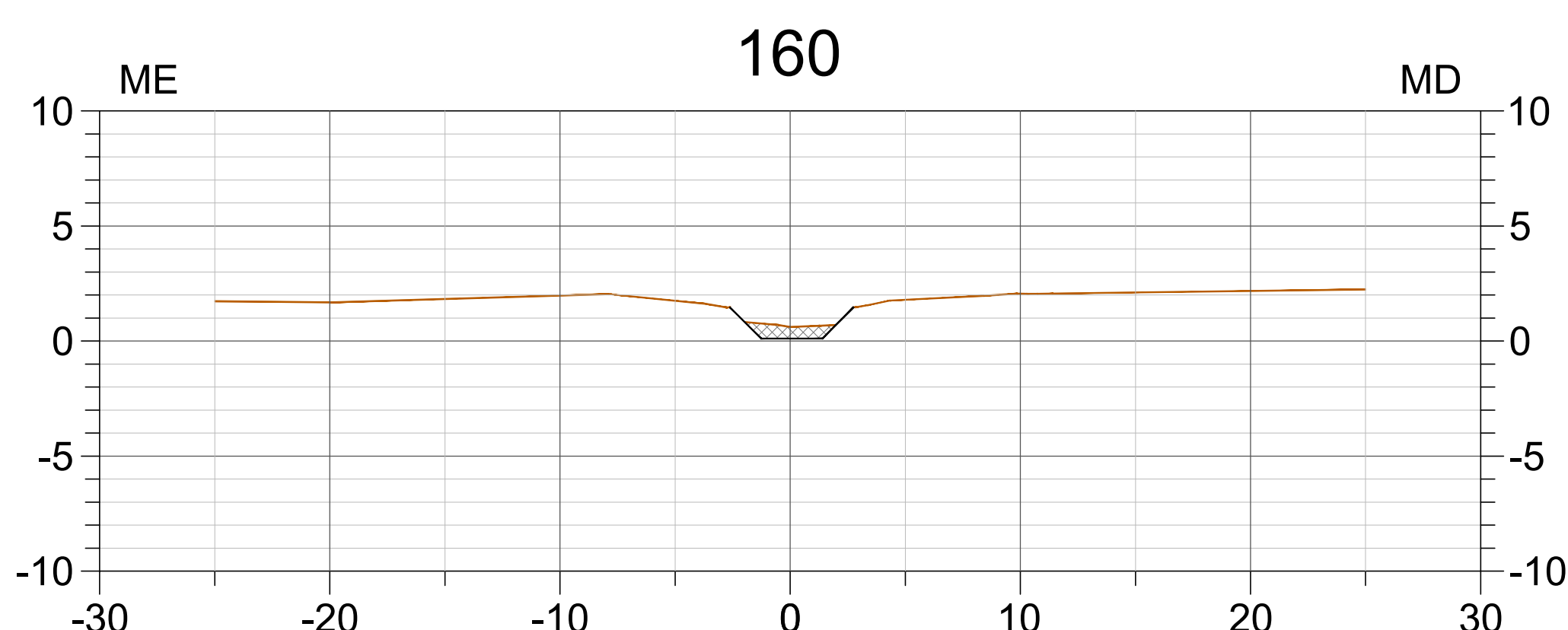
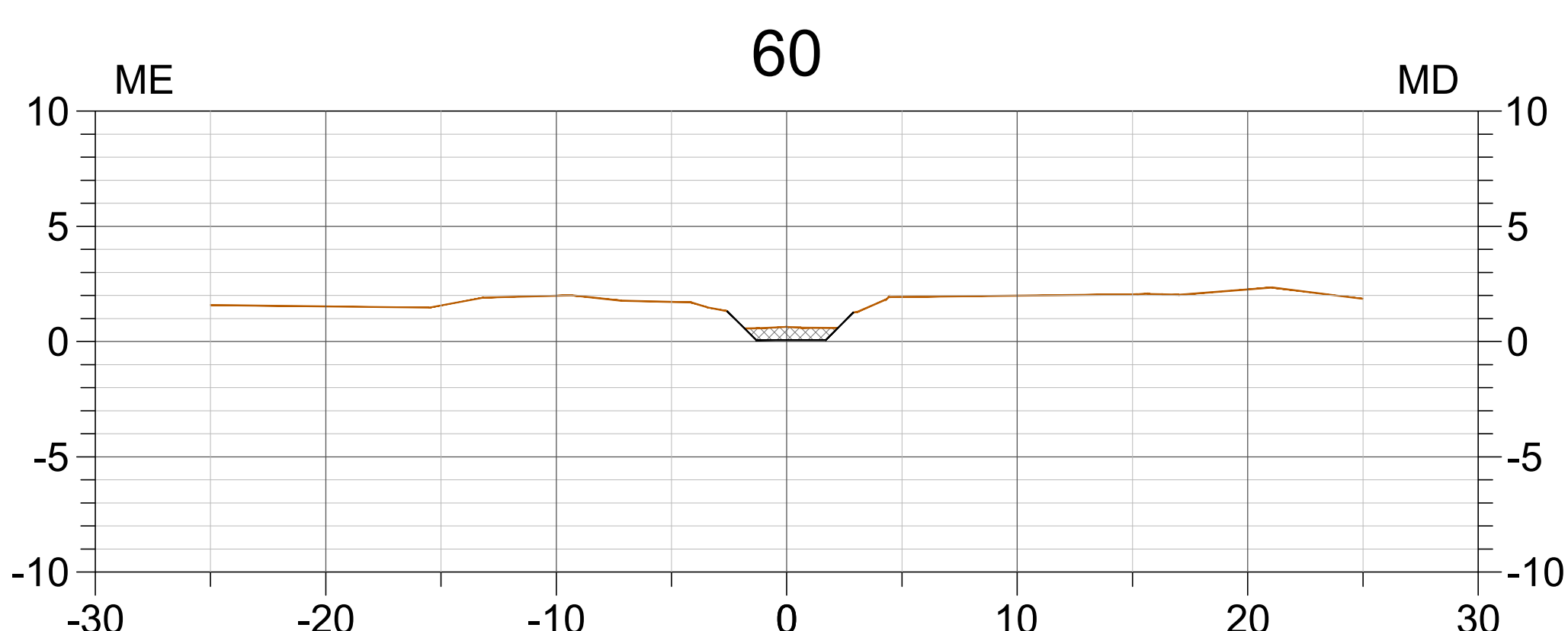
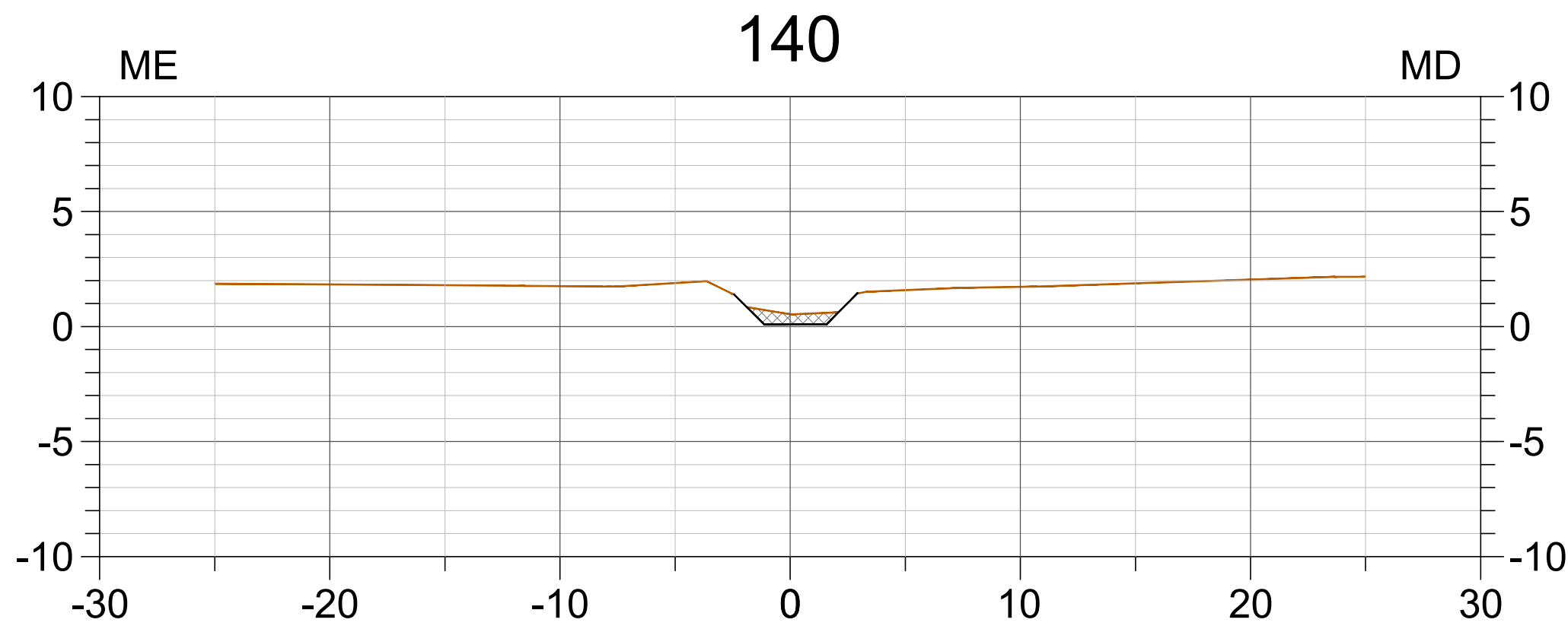
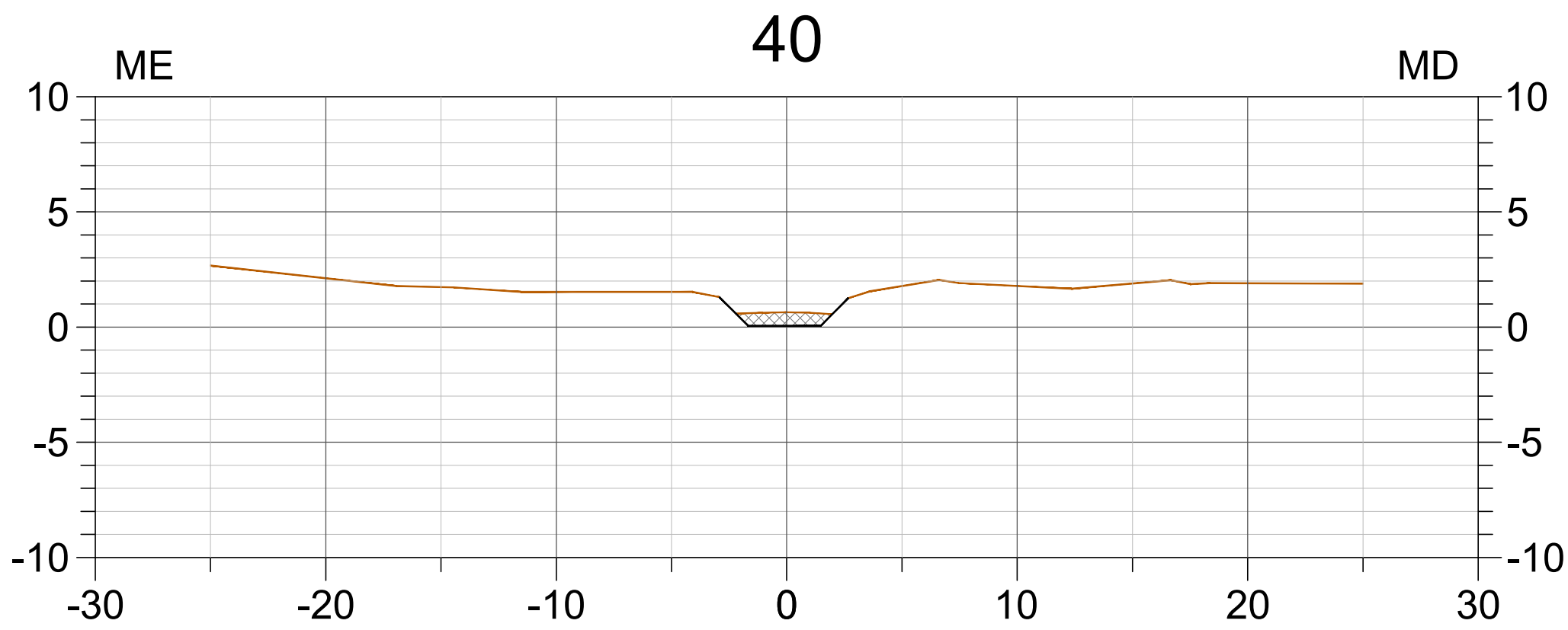
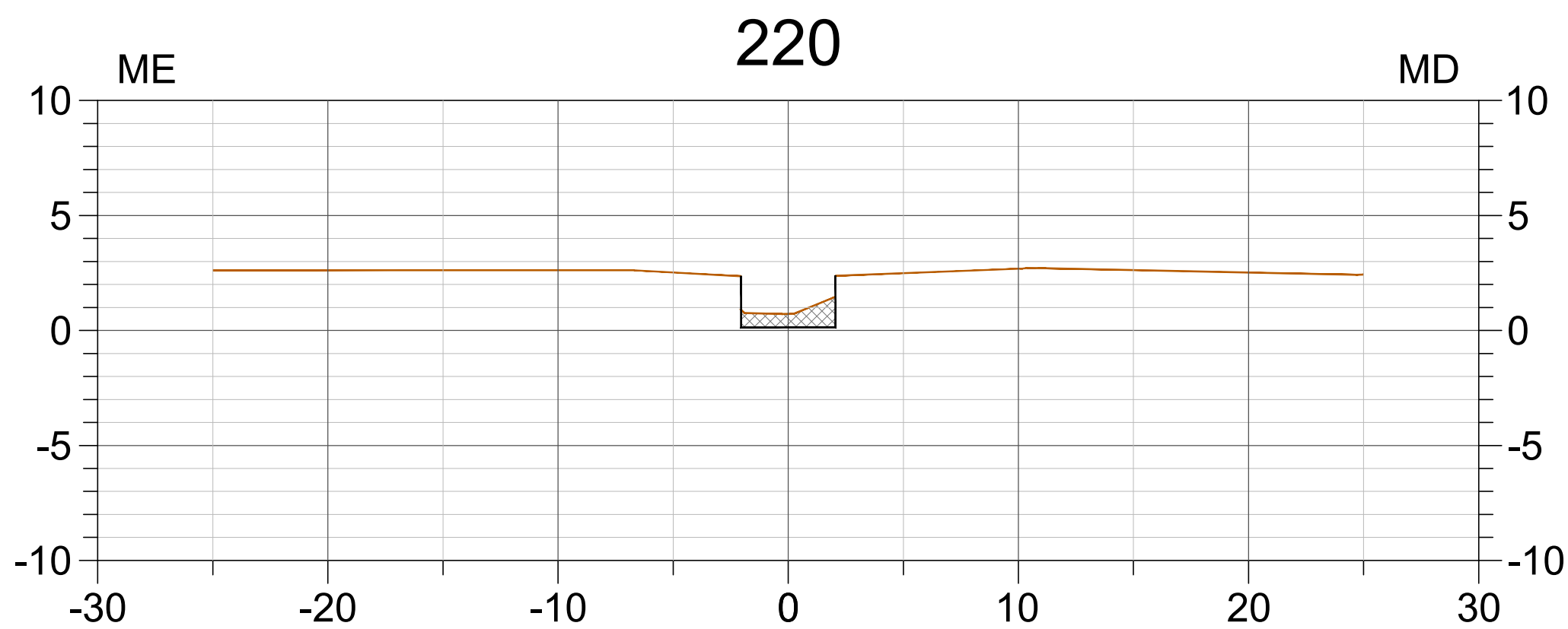
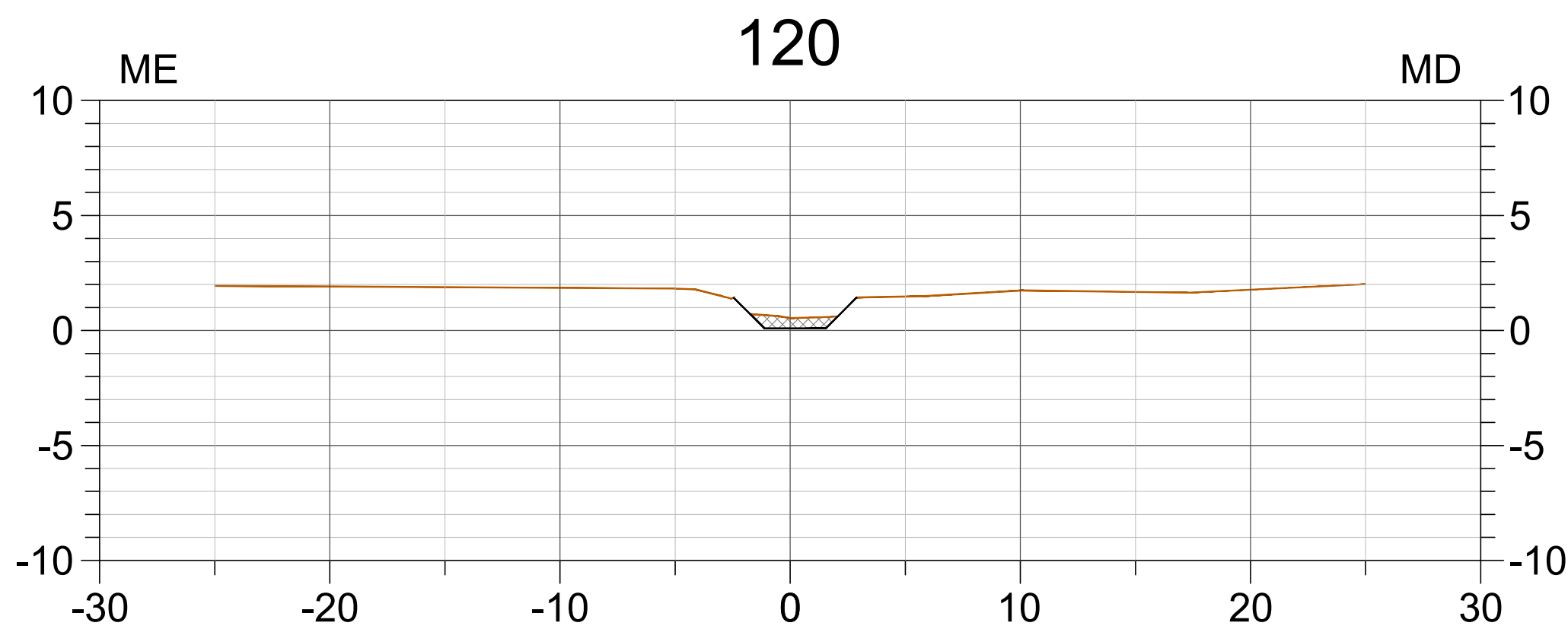
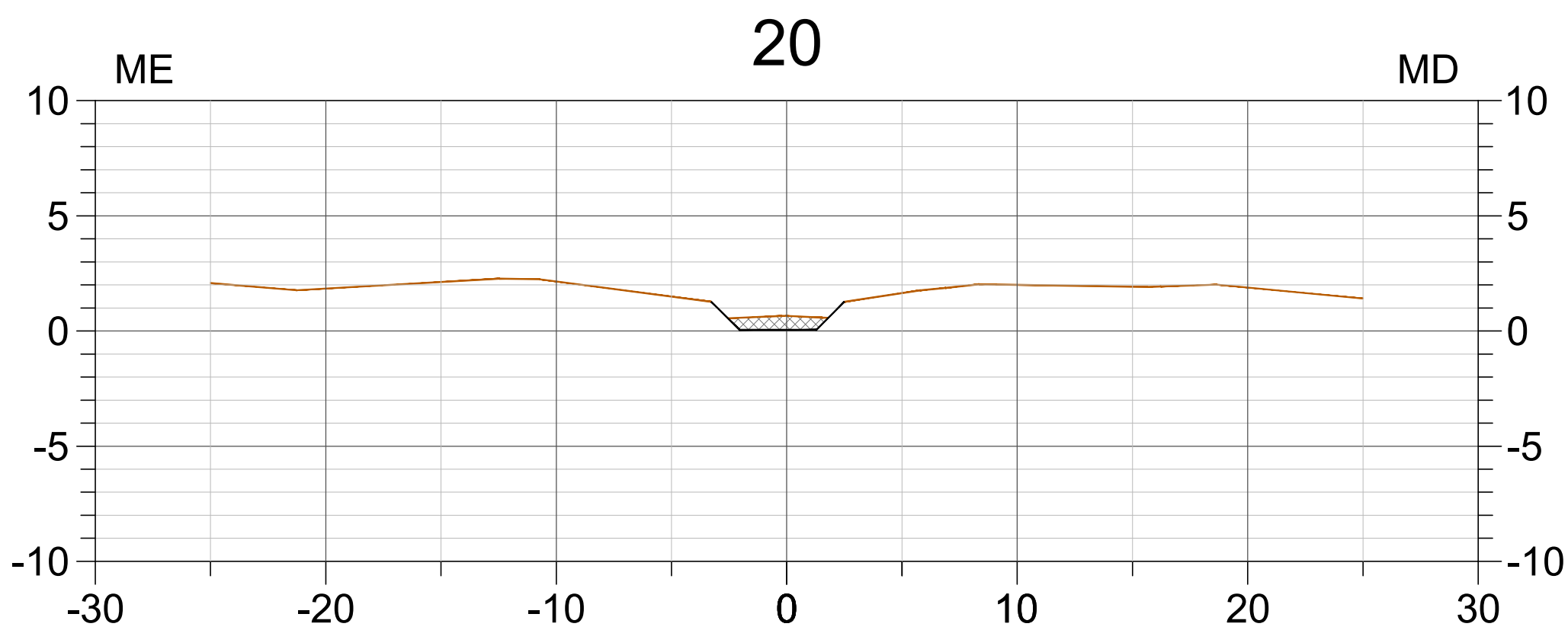
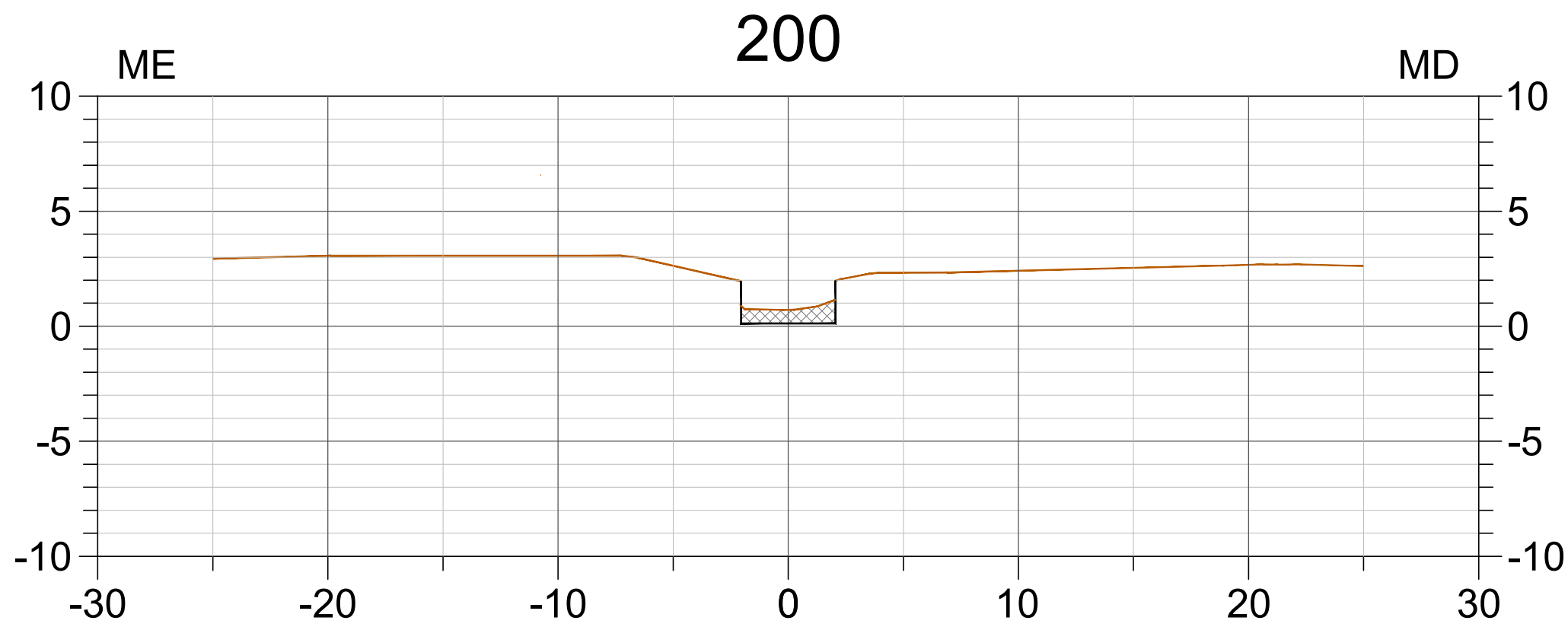
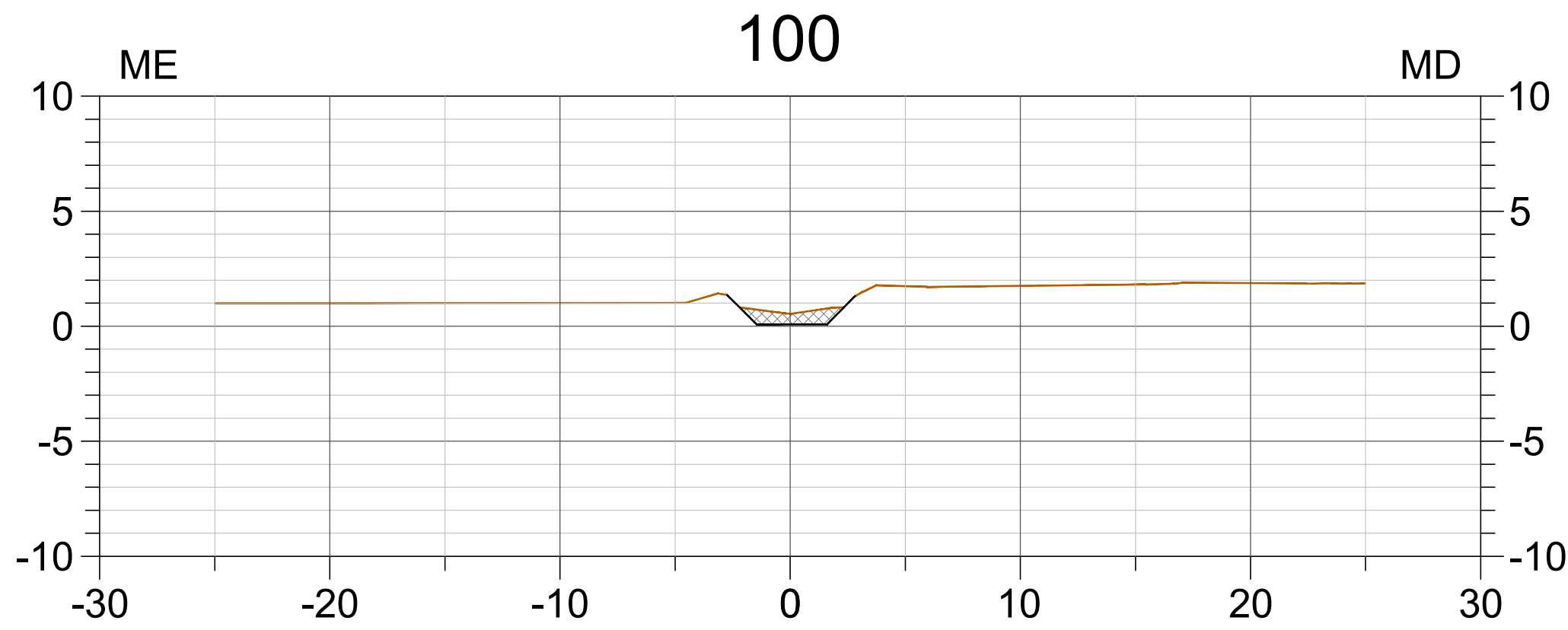
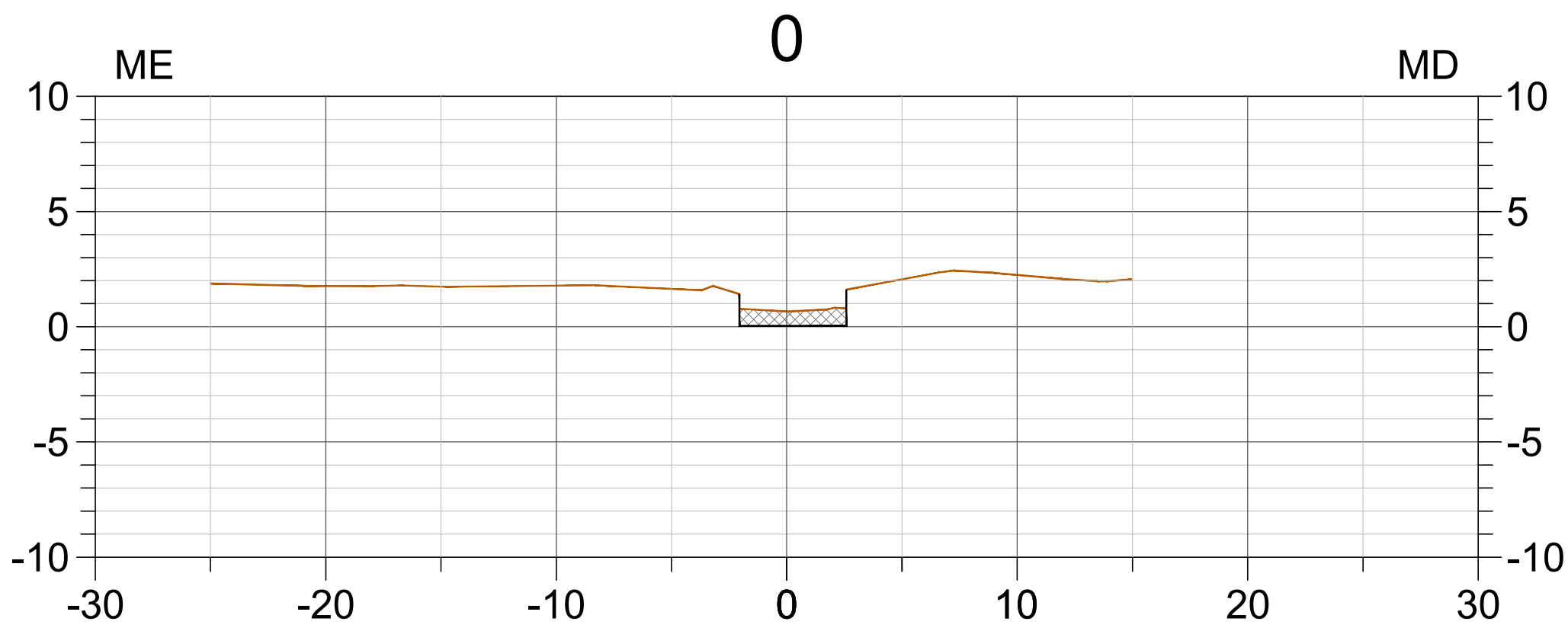
1 - NBR 13.133



	PONTO COLETADO
	MEIO FIO
	CERCA
	GRADIL
	MURO
	PORTÃO
	ÁRVORE
	POSTE
	CAIXA DE PASSAGEM
	POÇO DE VISITA
	ROCHA
	EDIFICAÇÃO
	TALUDE
	CURVA DE NÍVEL
	ESTAQUEAMENTO
	SENTIDO DE ESCOAMENTO

1 - MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO

1 - NBR 13.133



Estaca	Área (m²)	Área média (m²)	distância (m)	Volume (m³)	Volume Acumulado (m³)
	CORTE	CORTE		CORTE	CORTE
20	3.200				
40	2.175	2.688	30,00	80.630	80.630
60	2.078	2.127	20,00	42.532	123.162
80	1.896	1.987	20,00	39.741	162.903
100	2.275	2.085	20,00	41.708	204.611
120	2.206	2.240	20,00	44.808	249.419
140	1.621	1.914	20,00	38.274	287.693
160	1.701	1.661	20,00	33.219	320.912
180	1.884	1.792	20,00	35.848	356.760
200	1.850	1.867	20,00	37.342	394.102
220	2.753	2.302	20,00	46.035	440.137
240	3.114	2.934	20,00	58.676	498.813
		1.557	20,00	31.142	529.955
TOTAL				530 m³	

LEGENDA

- NUMERO DE PUNTO COLETADO
- MEIO FIO
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- TALUDE
- CURVA DE NIVEL
- ESTAQUEAMENTO
- SENTIDO DE ESCOAMENTO

NOTAS

1 - MEDIDAS E COTAS EM METRO, SALVO ONDE INDICADO;

DOCUMENTOS DE REFERÊNCIA

1 - NBR 13.133

