

Linear mass: 56,54 kg/m

Moment of inertia I_{xx} : 3 031,0 cm⁴

Moment of inertia I_{yy} : 829,8 cm⁴

Section modulus W_{xf} : 307,2 cm³

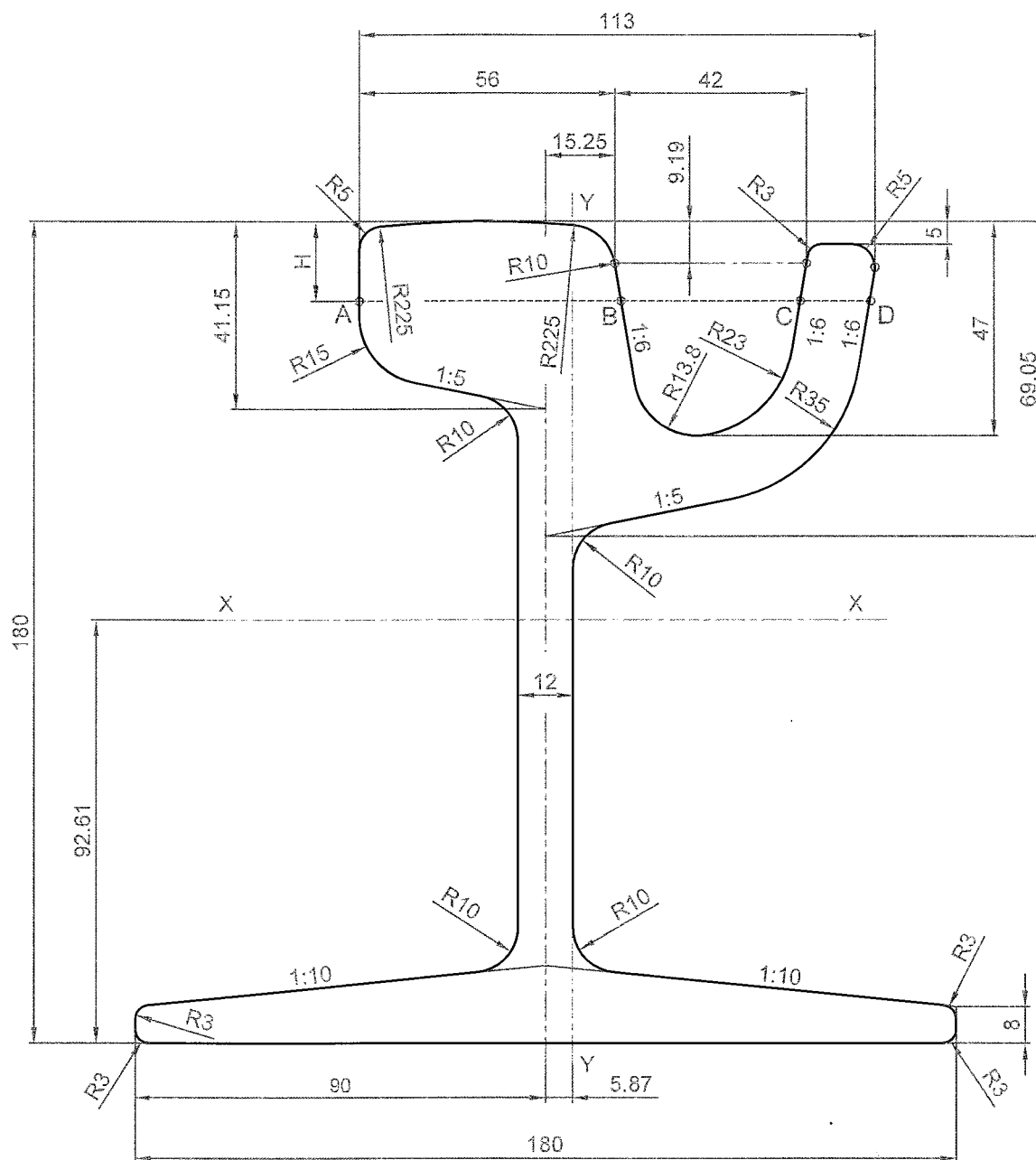
Section modulus W_{xh} : 363,7 cm³

Section modulus W_{yh} : 100,7 cm³

Section modulus W_{ygh} : 107,6 cm³

Figure A.16 — Grooved rail profile 57R1

Dimensions in millimetres



Key

H	AB	BC	CD
9	55,97	42,07	14,87
10	56,14	41,73	15,14
14	56,80	40,40	15,20

Cross-sectional area: 75,12 cm²

Linear mass: 58,97 kg/m

Moment of inertia I_{xx} : 3 266,8 cm⁴

Moment of inertia I_{yy} : 886,2 cm⁴

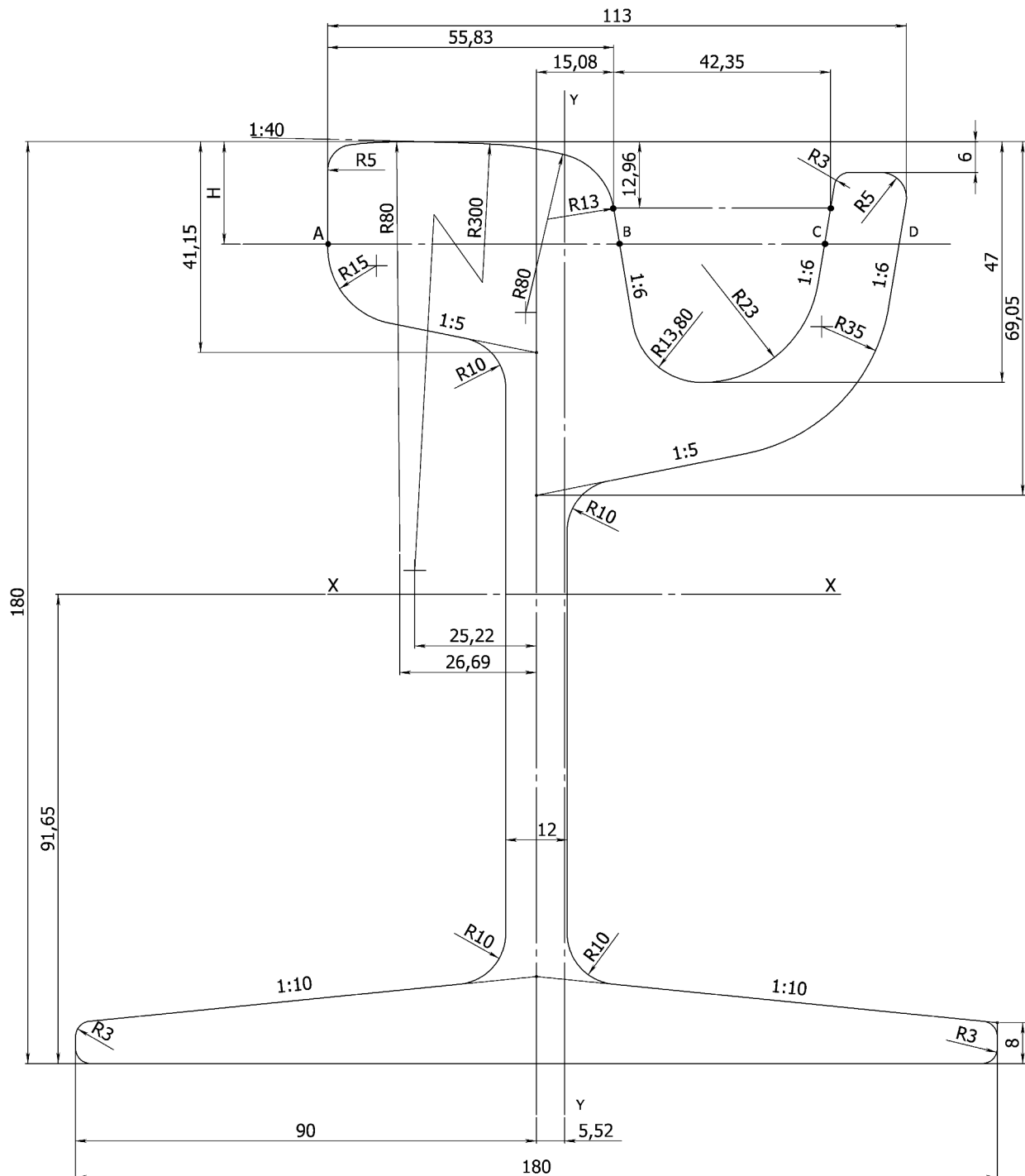
Section modulus W_{xf} : 352,8 cm³

Section modulus W_{xh} : 373,8 cm³

Section modulus W_{yh} : 92,4 cm³

Section modulus W_{ygh} : 105,3 cm³:

Figure A.17 — Grooved rail profile 59R1



Key

H	A-B	B-C	C-D
9	54,49	44,35	13,75
10	54,96	43,70	14,23
14	56,00	42,00	14,57

Cross-sectional area: 74,13 cm²

Linear mass: 58,20 kg/m

Moment of inertia I_{xx} : 3 213,8 cm⁴

Moment of inertia I_{yy} : 877,4 cm⁴

Section modulus W_{xf} : 350,5 cm³

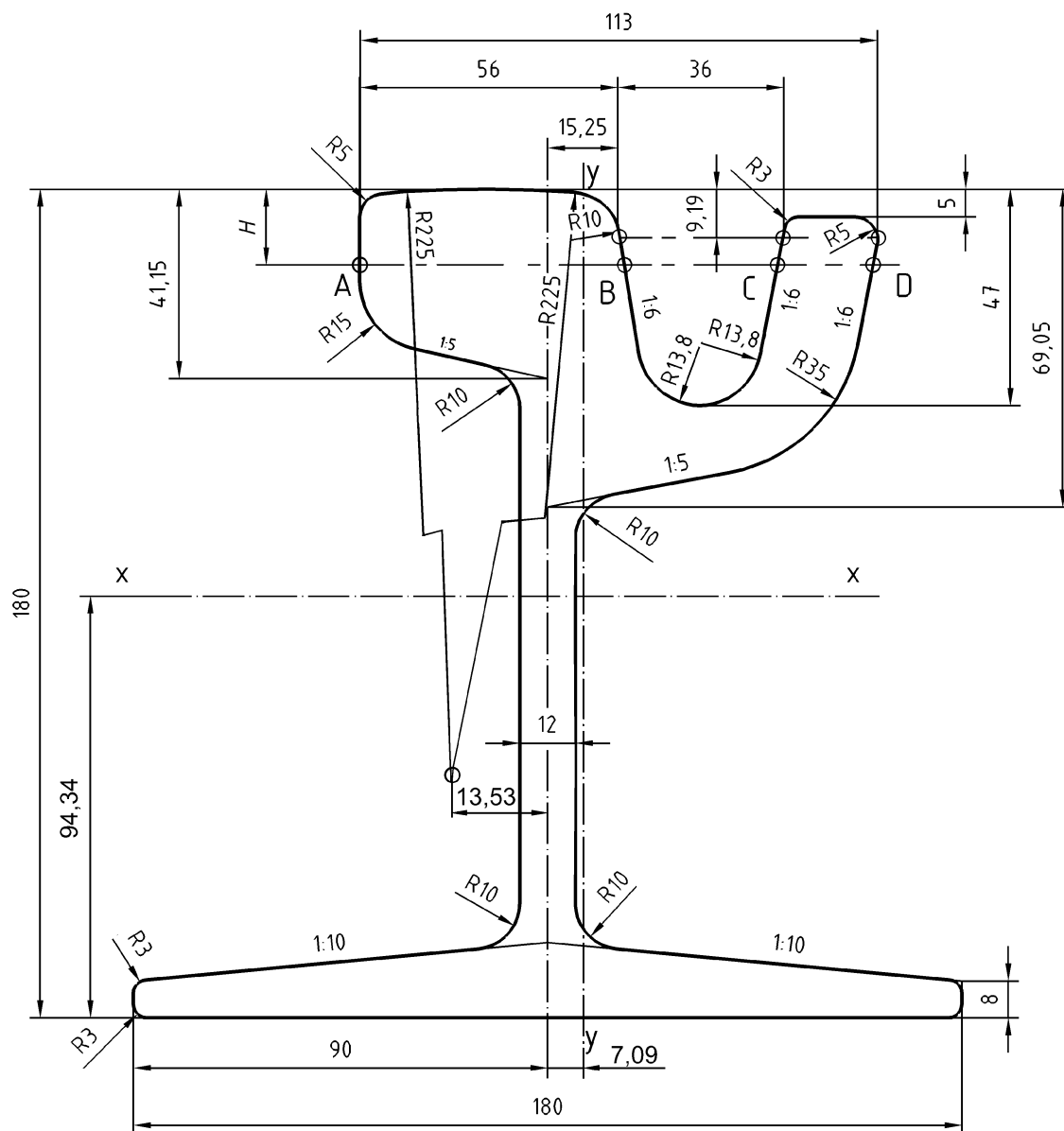
Section modulus W_{xh} : 363,7 cm³

Section modulus W_{yh} : 91,9 cm³

Section modulus W_{ygh} : 103,9 cm³

Figure A.18 — Grooved rail profile 59R2

Dimensions in millimetres



Key

H	AB	BC	CD
9	55,97	36,07	20,87
10	56,14	35,73	21,14
14	56,80	34,40	21,20

Cross-sectional area: 77,19 cm²

Linear mass: 60,59 kg/m

Moment of inertia I_{xx} : 3 353,9 cm⁴

Moment of inertia I_{yy} : 928,56 cm⁴

Section modulus W_{xf} : 355,4 cm³

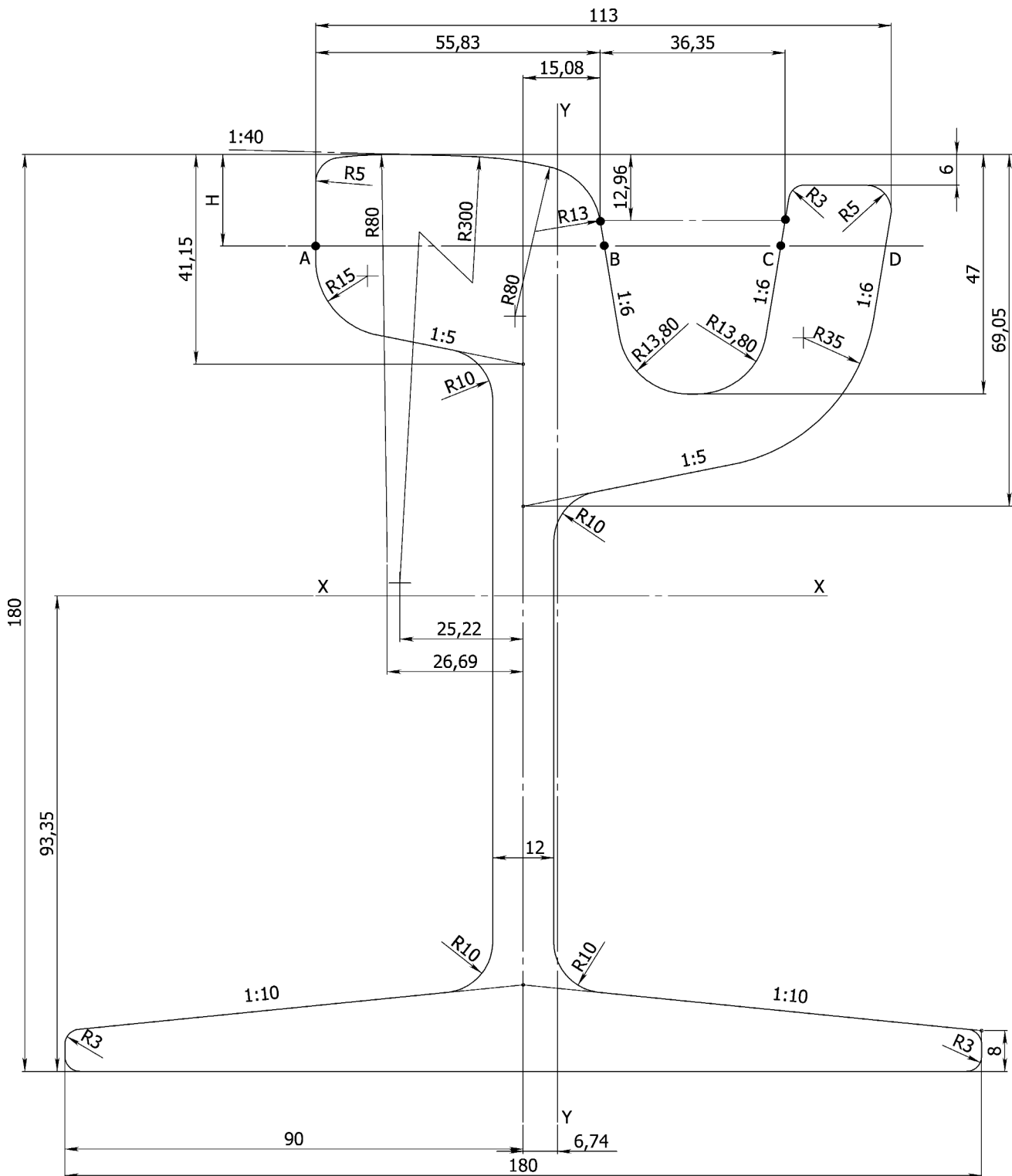
Section modulus W_{xh} : 391,4 cm³

Section modulus W_{yh} : 95,6 cm³

Section modulus W_{ygh} : 112,0 cm³

Figure A.19 — Grooved rail profile 60R1

Dimensions in millimetres



Key

H	AB	BC	CD
9	54,49	38,34	19,75

10	54,97	37,70	20,24
14	56,00	36,00	20,57

Cross-sectional area: 76,11 cm²

Linear mass: 59,75 kg/m

Moment of inertia I_{xx} : 3 298,1 cm⁴

Moment of inertia I_{yy} : 920,1 cm⁴

Section modulus W_{xf} : 353,3 cm³

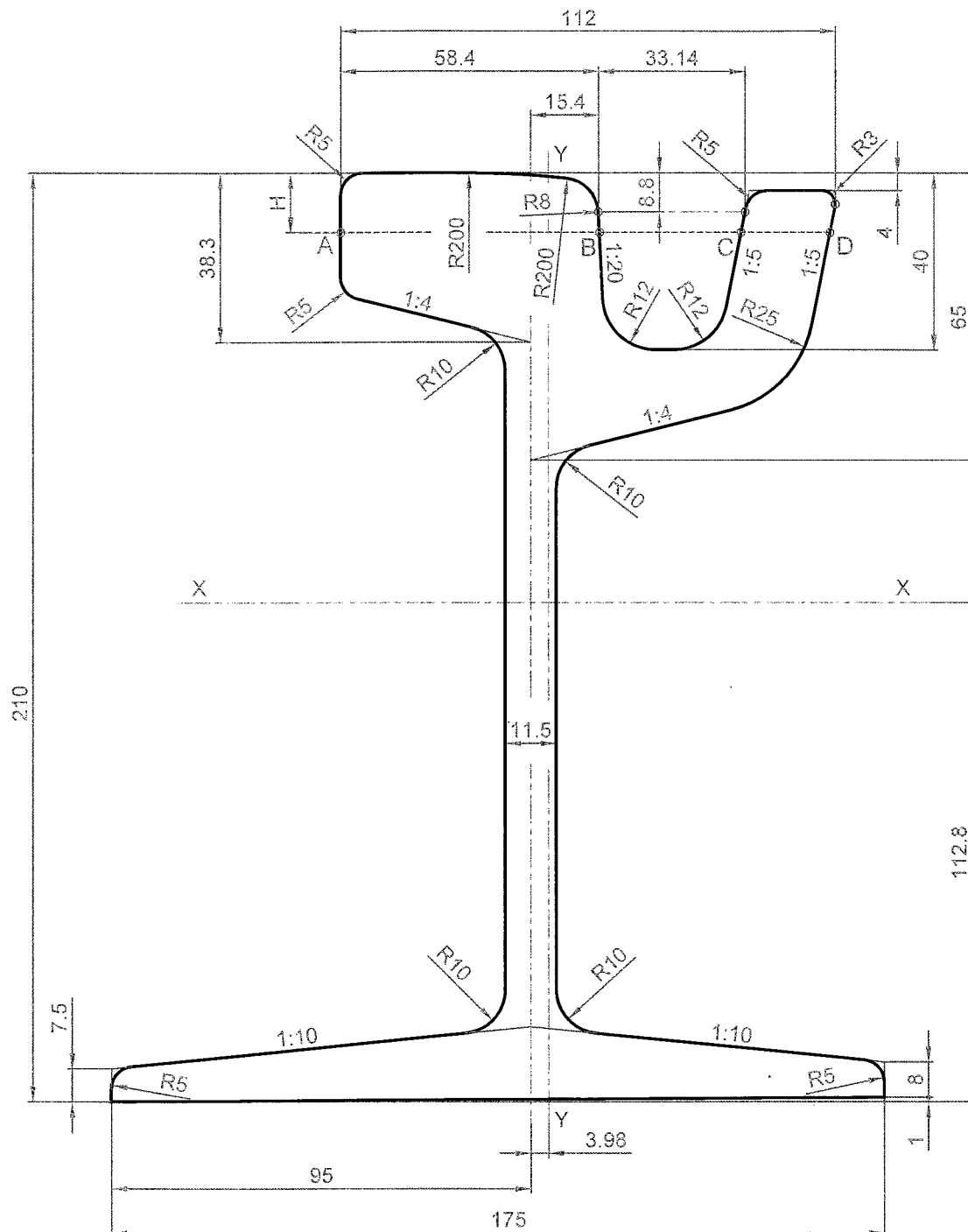
Section modulus W_{xh} : 380,6 cm³

Section modulus W_{yh} : 95,1 cm³

Section modulus W_{ygh} : 110,5 cm³

Figure A.20 — Grooved rail profile 60R2

Dimensions in millimetres



Key

H	AB	BC	CD
9	58,41	33,09	20,16
10	58,46	32,84	20,16
14	58,66	31,84	20,16

Cross-sectional area: 76,06 cm²

Linear mass: 59,71 kg/m