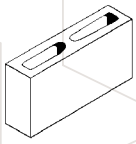

10cm Physical Properties

Actual Dimensions (mm) Width: 90 Height: 190 Length: 390		See Note	STANDARD CONFIGURATION
Available Types	**Standard Metric Configuration**		Hollow
CSA Designation	"Four Facet System"	1	H/15/A,C/O,M
Dimensions (mm)	Minimum Face Shell Thickness Minimum Web Thickness Equivalent Thickness		26 26 69
Area (mm^2)	Gross Area (mm^2) x 10^4 Net Area (mm^2) x 10^4 Core Area (mm^2) x 10^3		3.53 2.71 4.11
Volume (mm^3)	Gross Volume (mm^3) x 10^6 Net Volume (mm^3) x 10^6 Void Volume (mm^3) x 10^6		6.717 5.153 1.564
Percent Solid (%)	Net Volume/Gross Volume		76
Typical Unit Mass (kg)	Normal Weight Light Weight		11.75 10.2
Typical Unit Mass (kg/m^2) **(with mortar)**	Normal Weight Light Weight		138 109
Minimum Compressive Strength (Average of 3 Units (Mpa)	Based on Net Area	9	15.0
Fire Performance Rating (hours)	Normal Weight Light Weight		0.9 1.0
Sound Properties Sound Transmission Class (STC)	Normal Weight Light Weight	11	43 40
Thermal Properties RSI Factors (m^2degC/W)	Normal Weight Light Weight	12	0.21
Moment of Inertia (mm^4)	Per Block I Per Metre Im		22.69 x 10^6 58.18 x 10^6
Section Modulus (mm^3)	Per Block S Per Block Sm		0.504 x 10^4 1.293 x 10^6

Important Classification Note
All **Light Weight** is classified as **C**
All **Normal Weight** is classified as **A**

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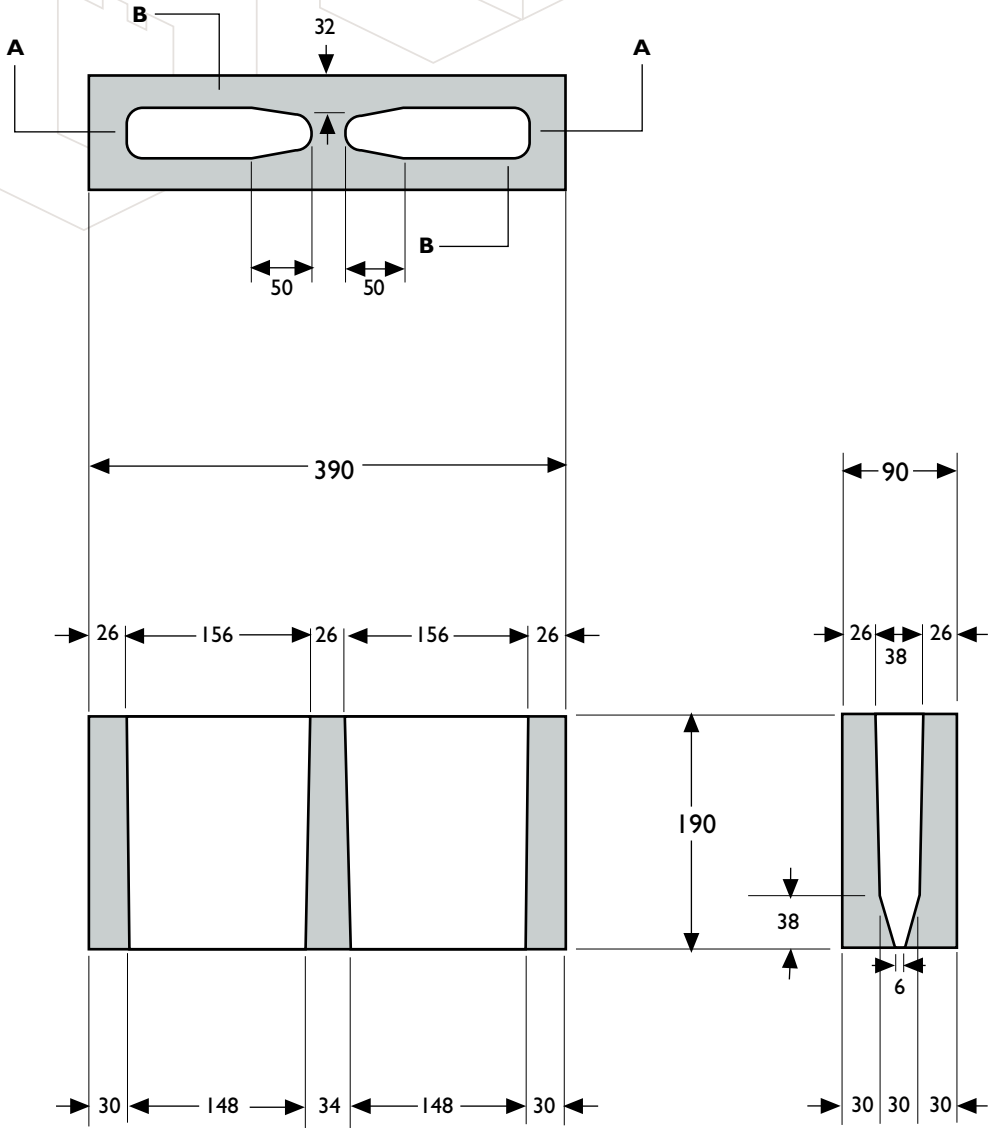
10cm Standard

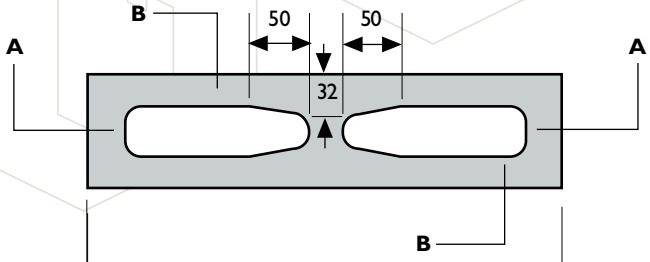


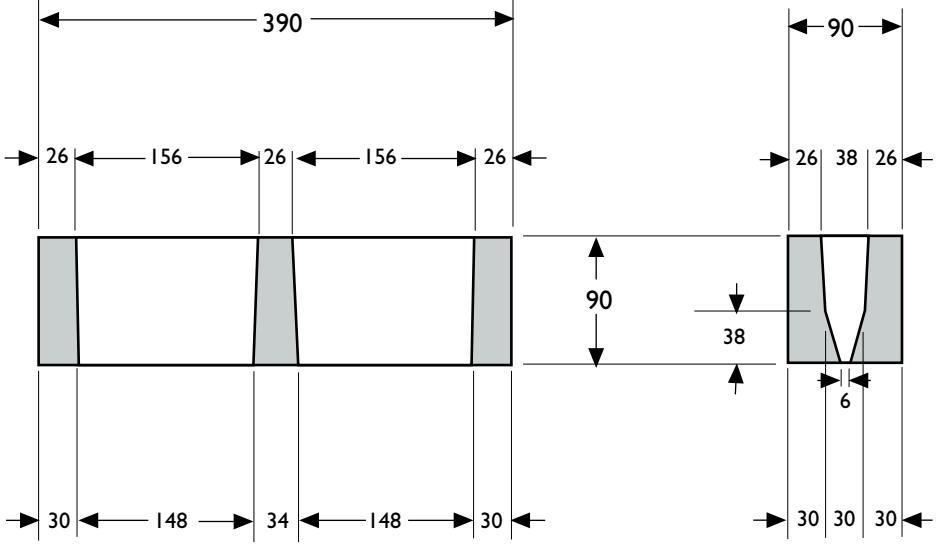
Section A-A

Section B-B

UNIT DATA	
Light Weight	10.2 kg
Normal Weight	11.75 kg
Percent Solid	76.0%
Void Volume (mm^3) x 10^6	1.564
Net Area (mm^2) x 10^4	2.71

10cm Half High



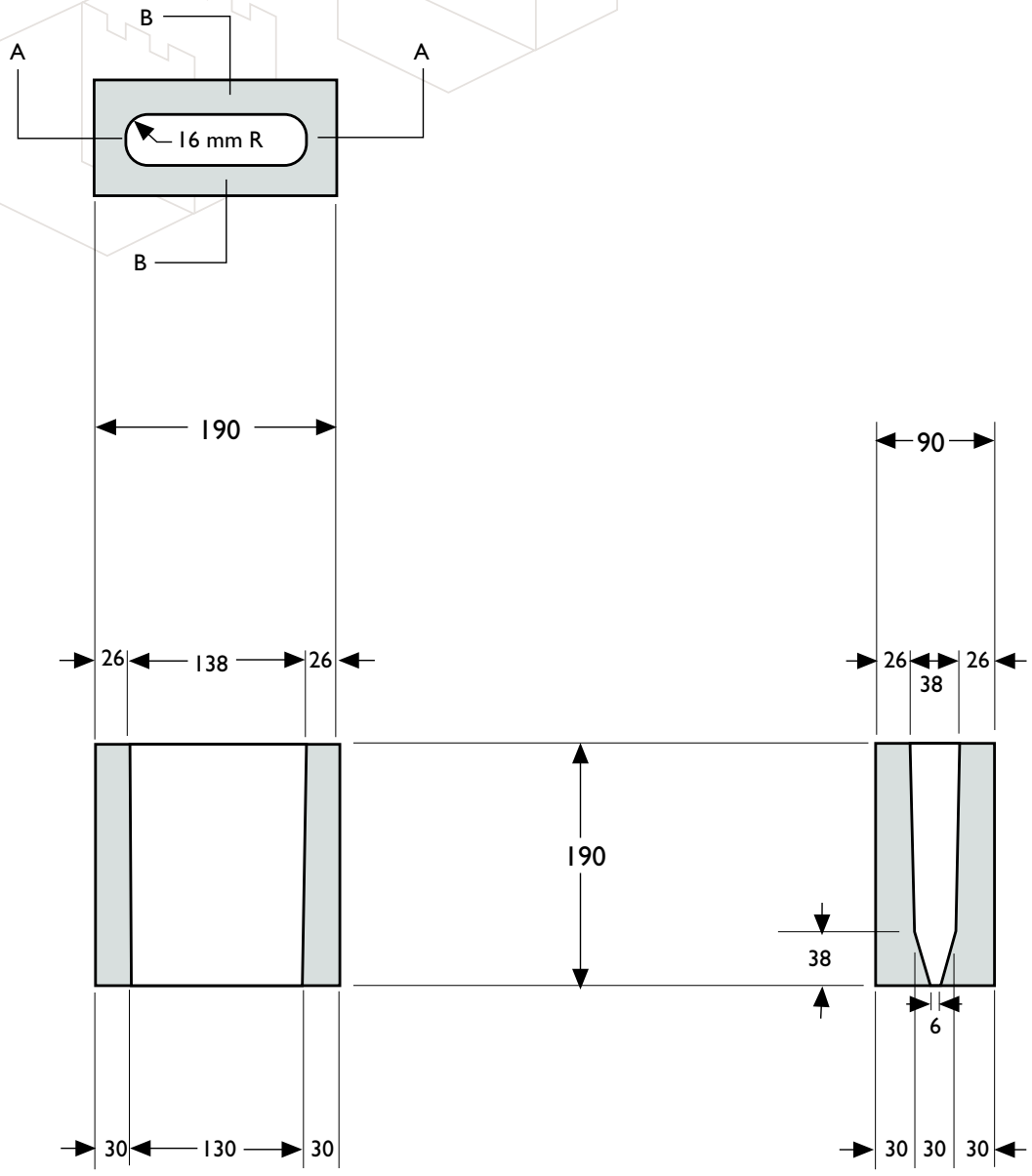


Section A-A

Section B-B

UNIT DATA	
Light Weight	4.67 kg
Normal Weight	5.68 kg
Percent Solid	76.0%
Void Volume (mm^3) x 10^6	0.9
Net Area (mm^2) x 10^4	2.71

10cm Half

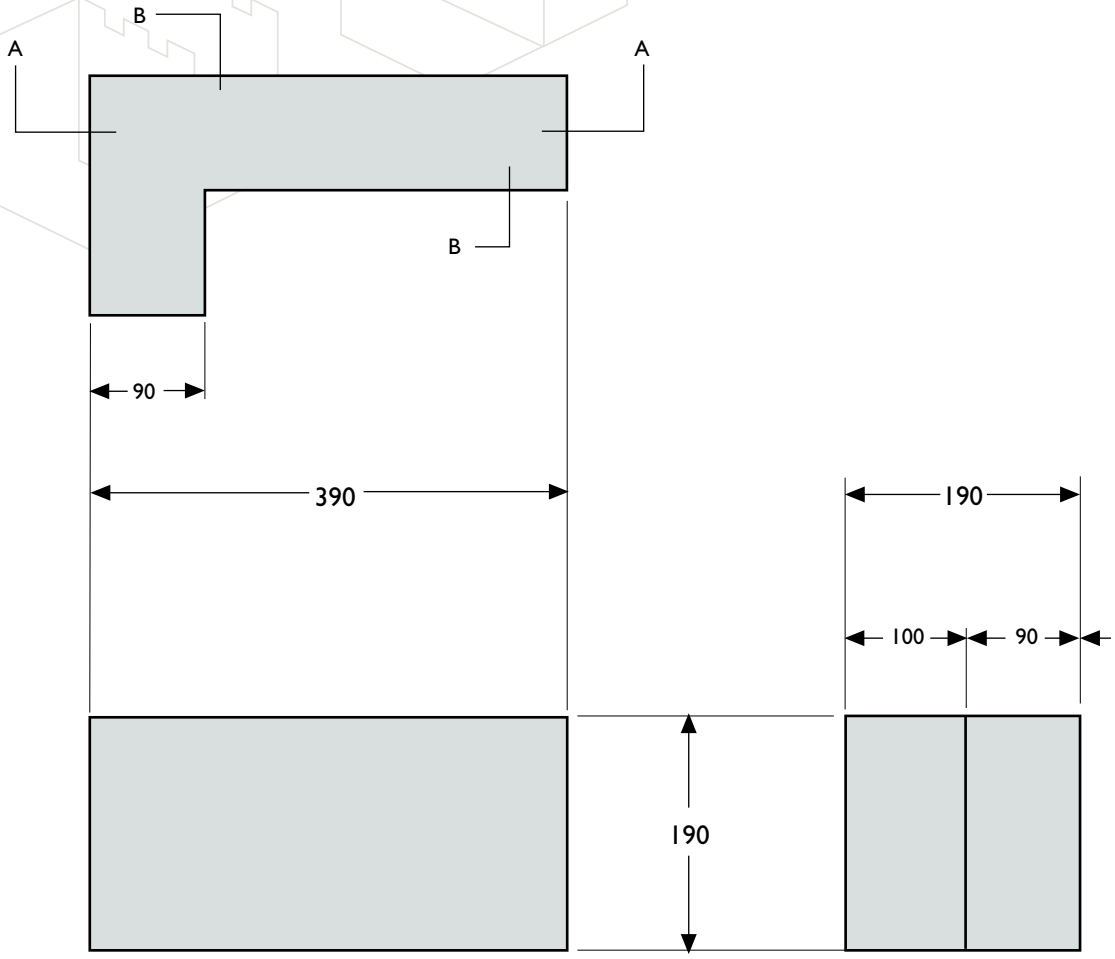


Section A-A

Section B-B

UNIT DATA	
Light Weight	4.7 kg
Normal Weight	5.8 kg
Percent Solid	75.8%
Void Volume (mm^3) x 10^6	0.79
Net Area (mm^2) x 10^4	1.3

10cm L-Corner

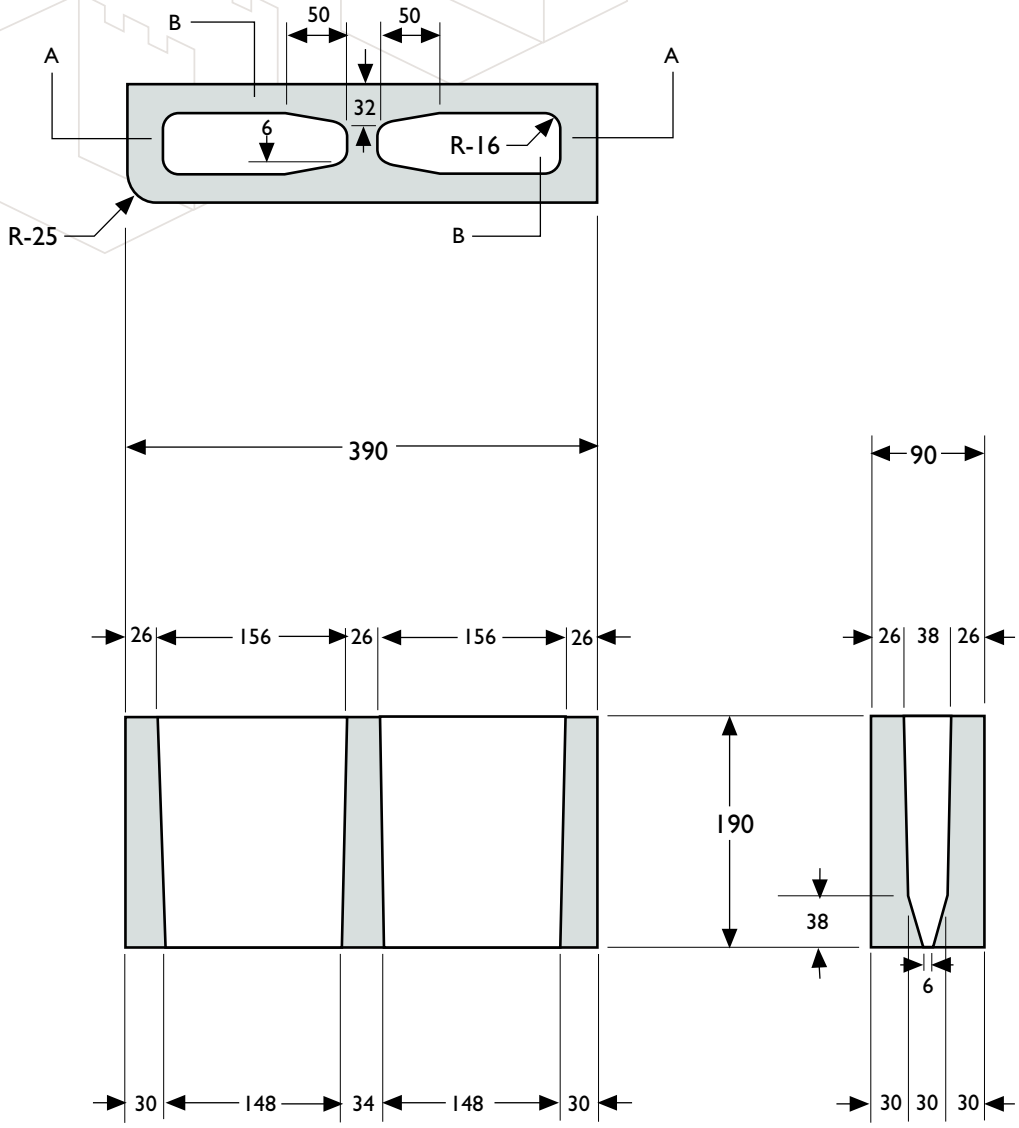


Section A-A

Section B-B

UNIT DATA	
Light Weight	15.65 kg
Normal Weight	18.5 kg
Percent Solid	100%
Void Volume (mm^3) x 10^6	0.9
Net Area (mm^2) x 10^4	4.41

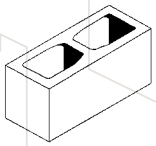
10cm Single Bullnose



Section A-A

Section B-B

UNIT DATA	
Light Weight	10.3 kg
Normal Weight	11.5 kg
Percent Solid	74.5%
Void Volume (mm^3) x 10^6	1.7
Net Area (mm^2) x 10^4	2.6



15cm Physical Properties

Actual Dimensions (mm) Width: 140 Height: 190 Length: 390		See Note	STANDARD CONFIGURATION
Available Types	**Standard Metric Configuration**		Hollow
CSA Designation	"Four Facet System"	1	H/15/A,C/O,M
Dimensions (mm)	Minimum Face Shell Thickness Minimum Web Thickness Equivalent Thickness		26 26 82
Area (mm^2)	Gross Area (mm^2) x 10^4 Net Area (mm^2) x 10^4 Core Area (mm^2) x 10^3		5.48 3.22 1.13
Volume (mm^3)	Gross Volume (mm^3) x 10^6 Net Volume (mm^3) x 10^6 Void Volume (mm^3) x 10^6		10.508 6.173 4.335
Percent Solid (%)	Net Volume/Gross Volume		58.8
Typical Unit Mass (kg)	Normal Weight Light Weight		14.1 11.0
Typical Unit Mass (kg/m^2) **(with mortar)**	Normal Weight Light Weight		170 134
Minimum Compressive Strength (Average of 3 Units (Mpa)	Based on Net Area	9	15.0
Fire Performance Rating (hours)	Normal Weight Light Weight		1.3 1.4
Sound Properties Sound Transmission Class (STC)	Normal Weight Light Weight	11	46 43
Thermal Properties RSI Factors (m^2degC/W)	Normal Weight Light Weight	12	0.19
Moment of Inertia (mm^4)	Per Block I Per Metre Im		74.07 x 10^6 189.9 x 10^6
Section Modulus (mm^3)	Per Block S Per Block Sm		1.058 x 10^6 2.713 x 10^6

Important Classification Note
All **Light Weight** is classified as **C**
All **Normal Weight** is classified as **A**

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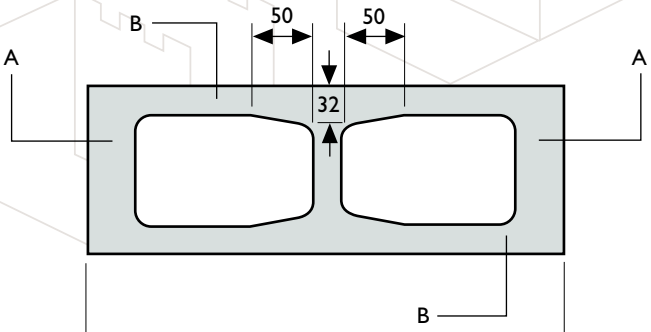
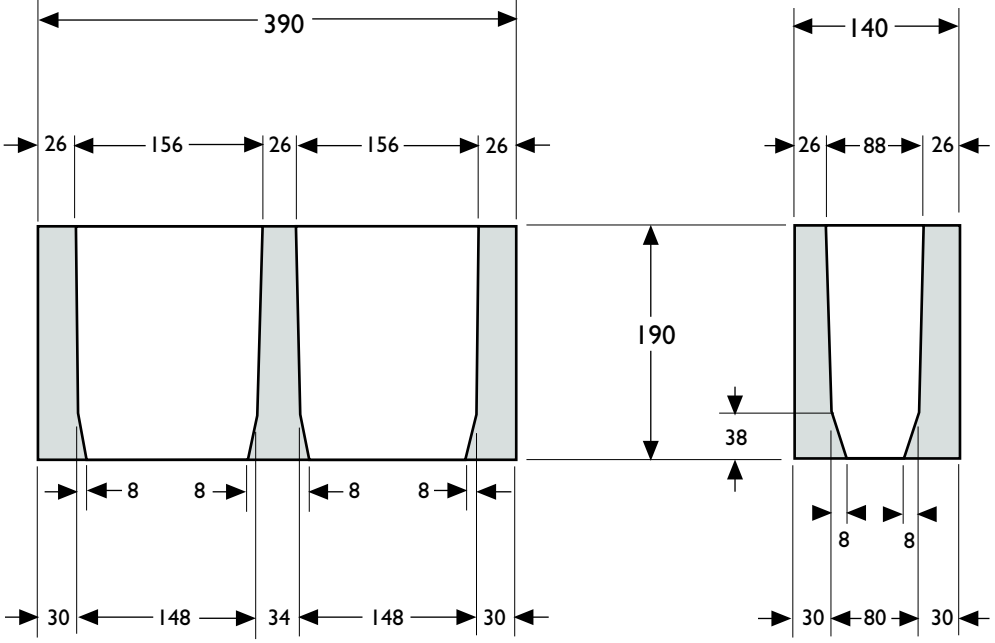
15cm Standard



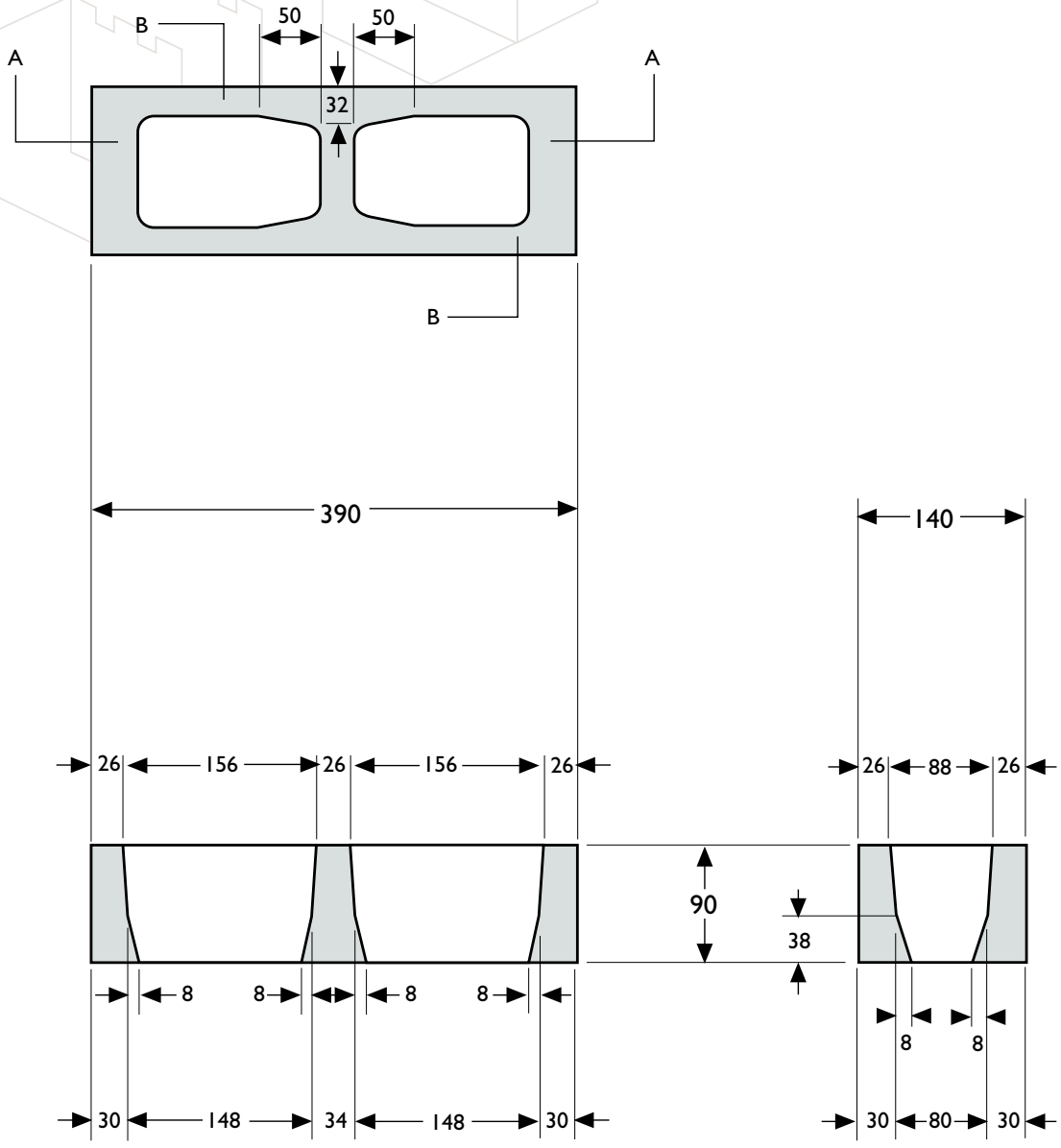


Section A-A

Section B-B

UNIT DATA	
Light Weight	11 kg
Normal Weight	14.1 kg
Percent Solid	58.8%
Void Volume (mm^3) x 10^6	4.335
Net Area (mm^2) x 10^4	3.22

15cm Half High



Section A-A

Section B-B

UNIT DATA	
Light Weight	5.72 kg
Normal Weight	6.5 kg
Percent Solid	58.8%
Void Volume (mm^3) x 10^6	2.17
Net Area (mm^2) x 10^4	3.22

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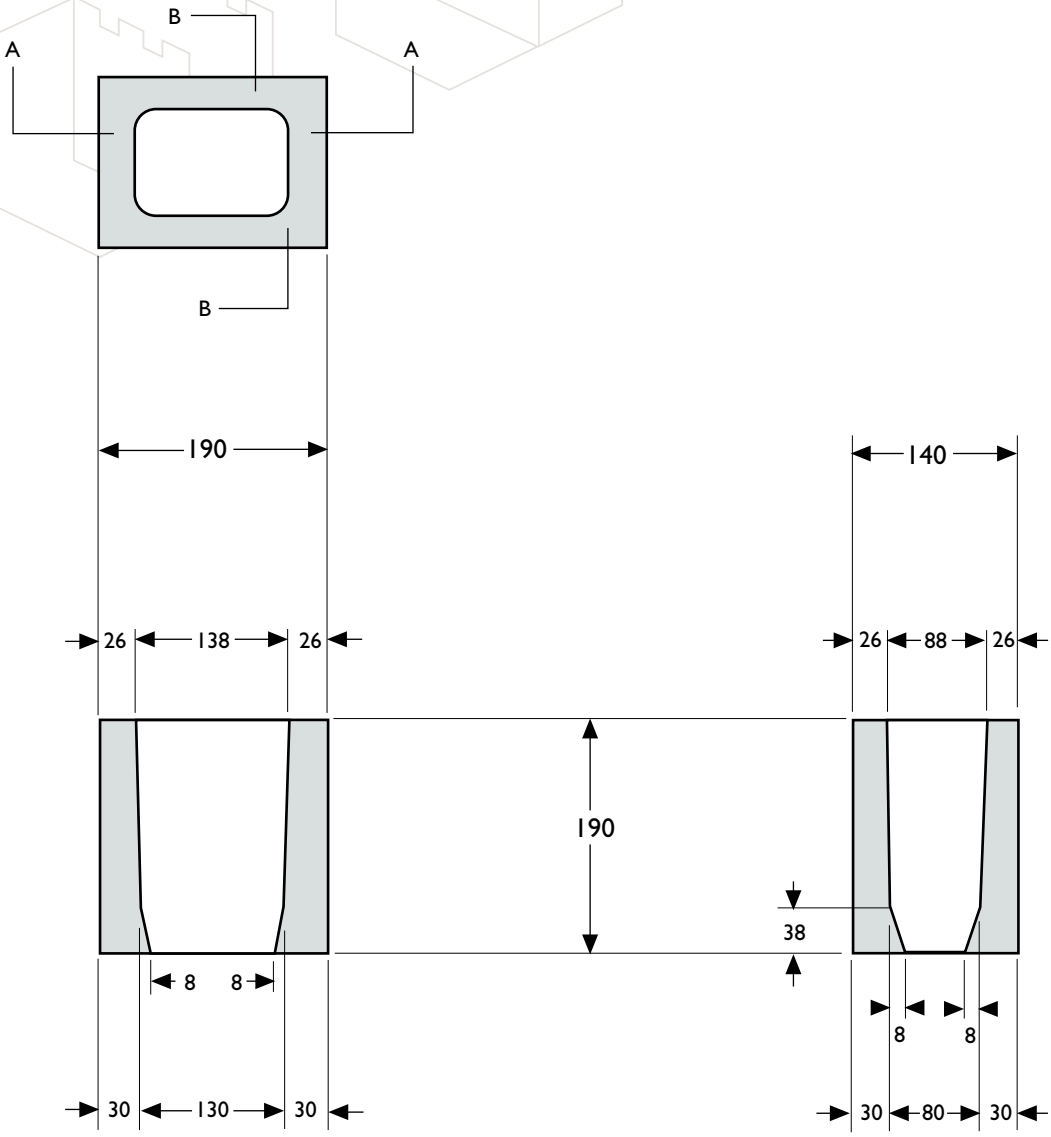
15cm Half

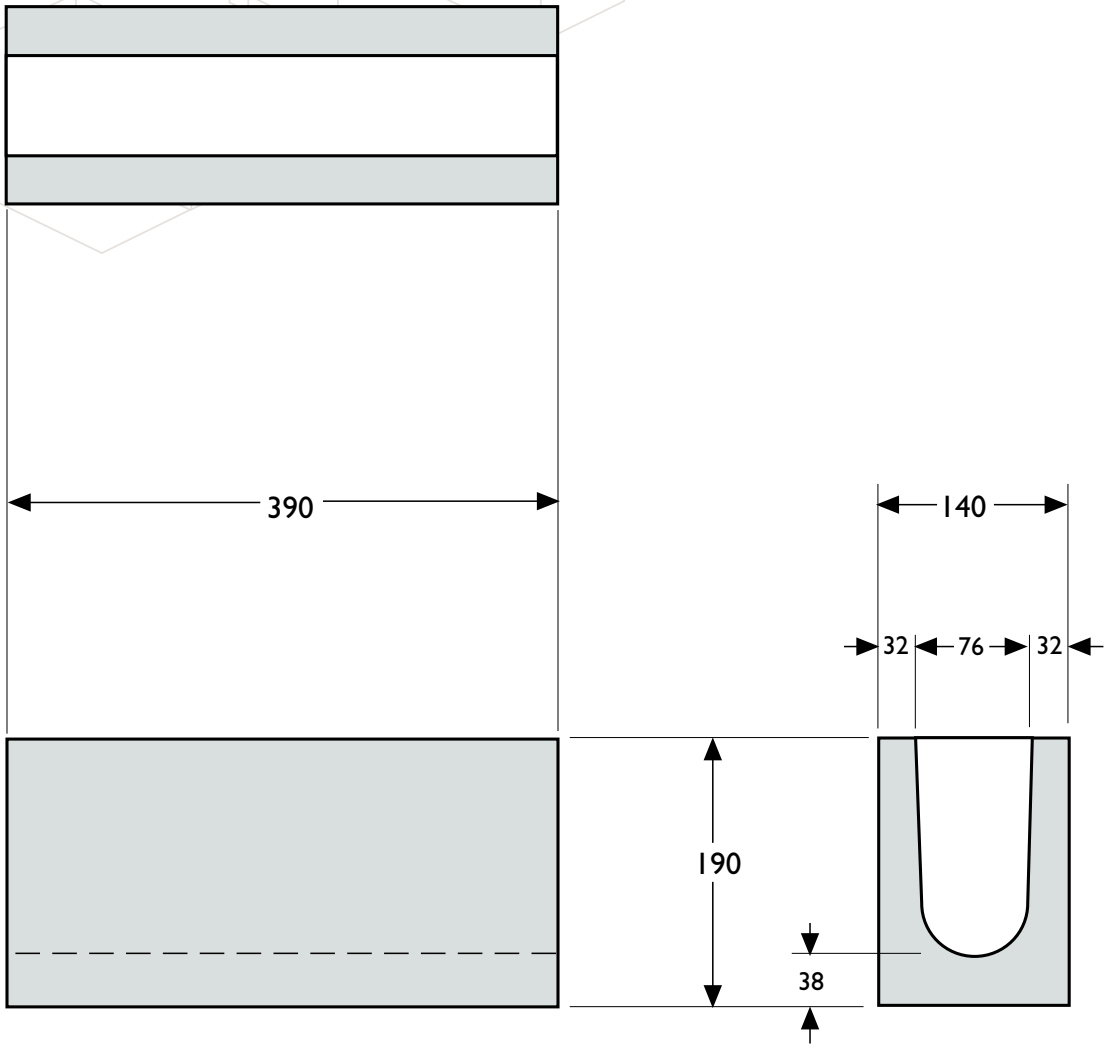


Section A-A

Section B-B

UNIT DATA	
Light Weight	5.8 kg
Normal Weight	6.5 kg
Percent Solid	58.8%
Void Volume (mm^3) x 10^6	1.96
Net Area (mm^2) x 10^4	1.6

15cm Bond Beam Lintel

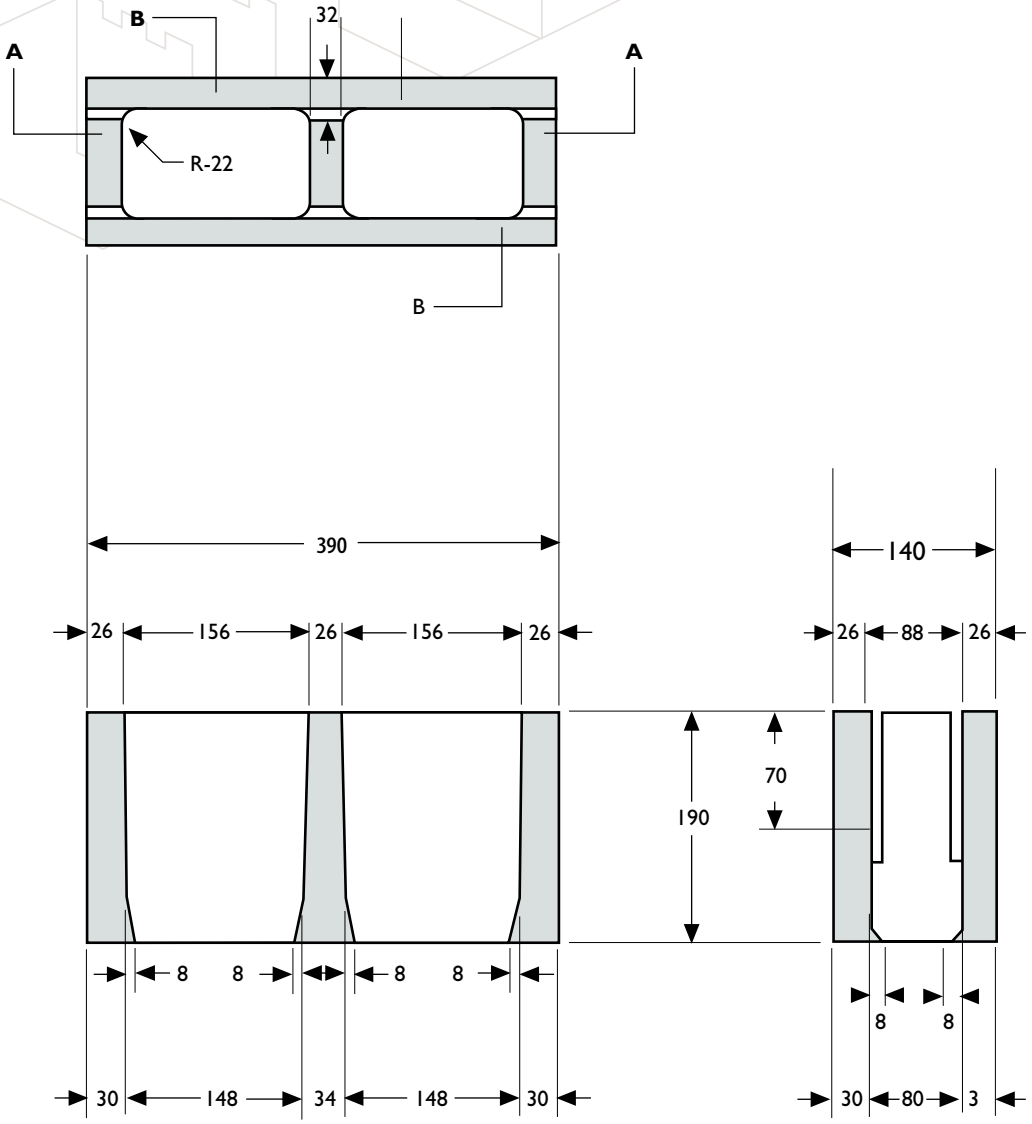


Section A-A

Section B-B

UNIT DATA	
Light Weight	11 kg
Normal Weight	15.1 kg
Percent Solid	61.2%
Void Volume (mm^3) x 10^6	4.02
Net Area (mm^2) x 10^4	3.34

15cm Knock-Out Lintel

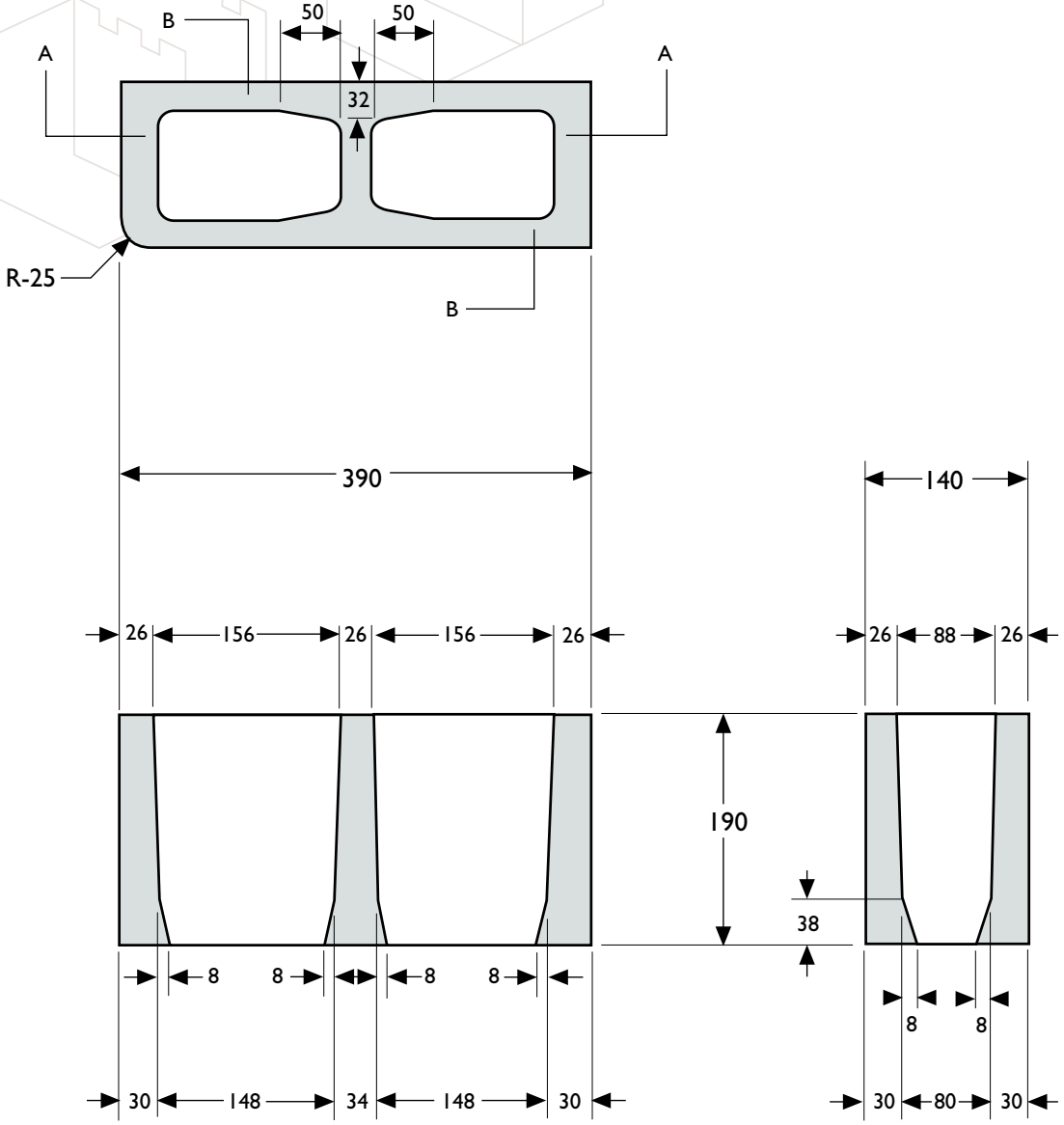


Section A-A

Section B-B

UNIT DATA	
Light Weight	11.5 kg
Normal Weight	14.5 kg
Percent Solid	54%
Void Volume (mm^3) x 10^6	4
Net Area (mm^2) x 10^4	2.95

15cm Single Bullnose



Section A-A

Section B-B

UNIT DATA	
Light Weight	11.8 kg
Normal Weight	13.7 kg
Percent Solid	56%
Void Volume (mm^3) x 10^6	4.41
Net Area (mm^2) x 10^4	3.08

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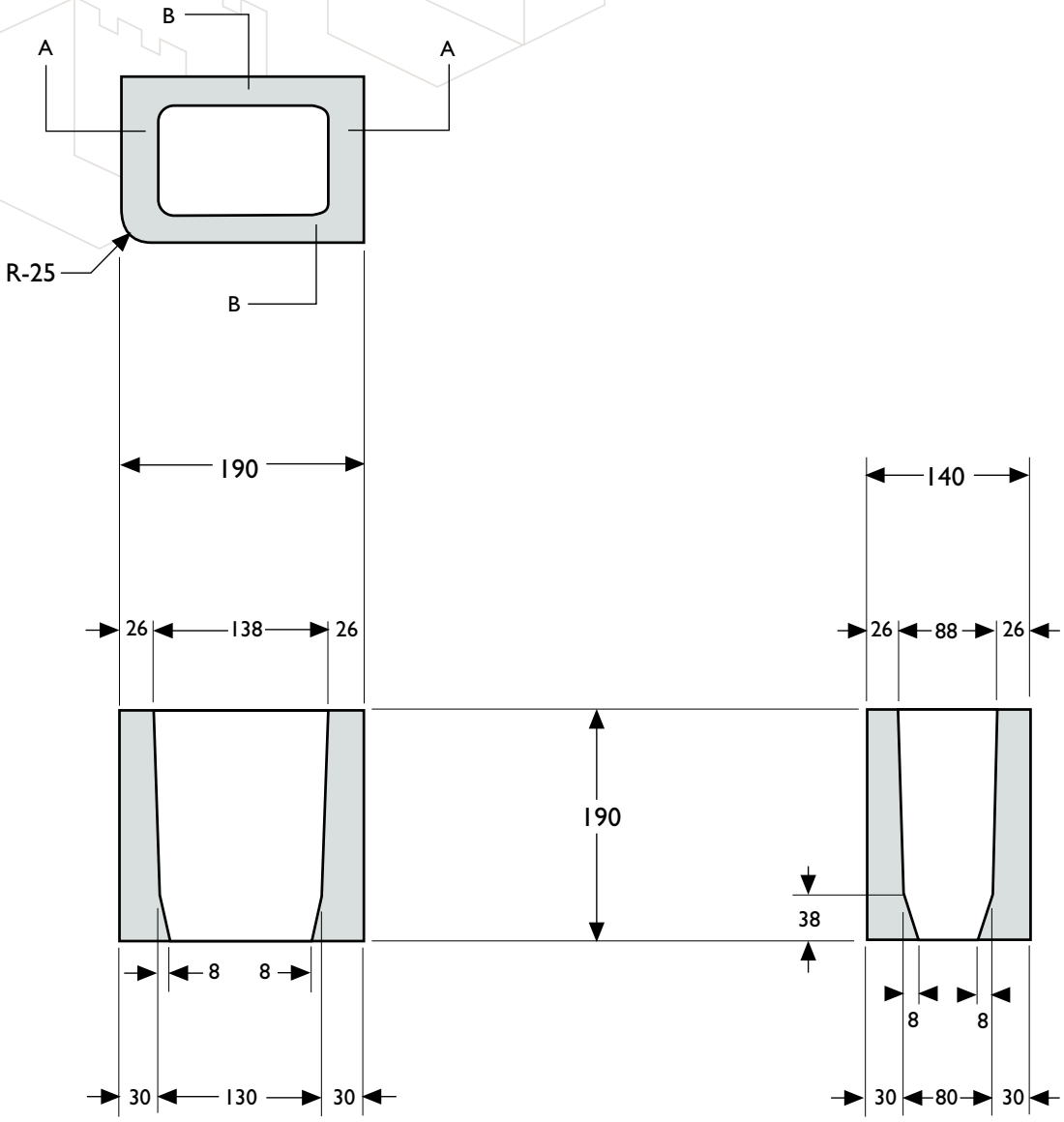
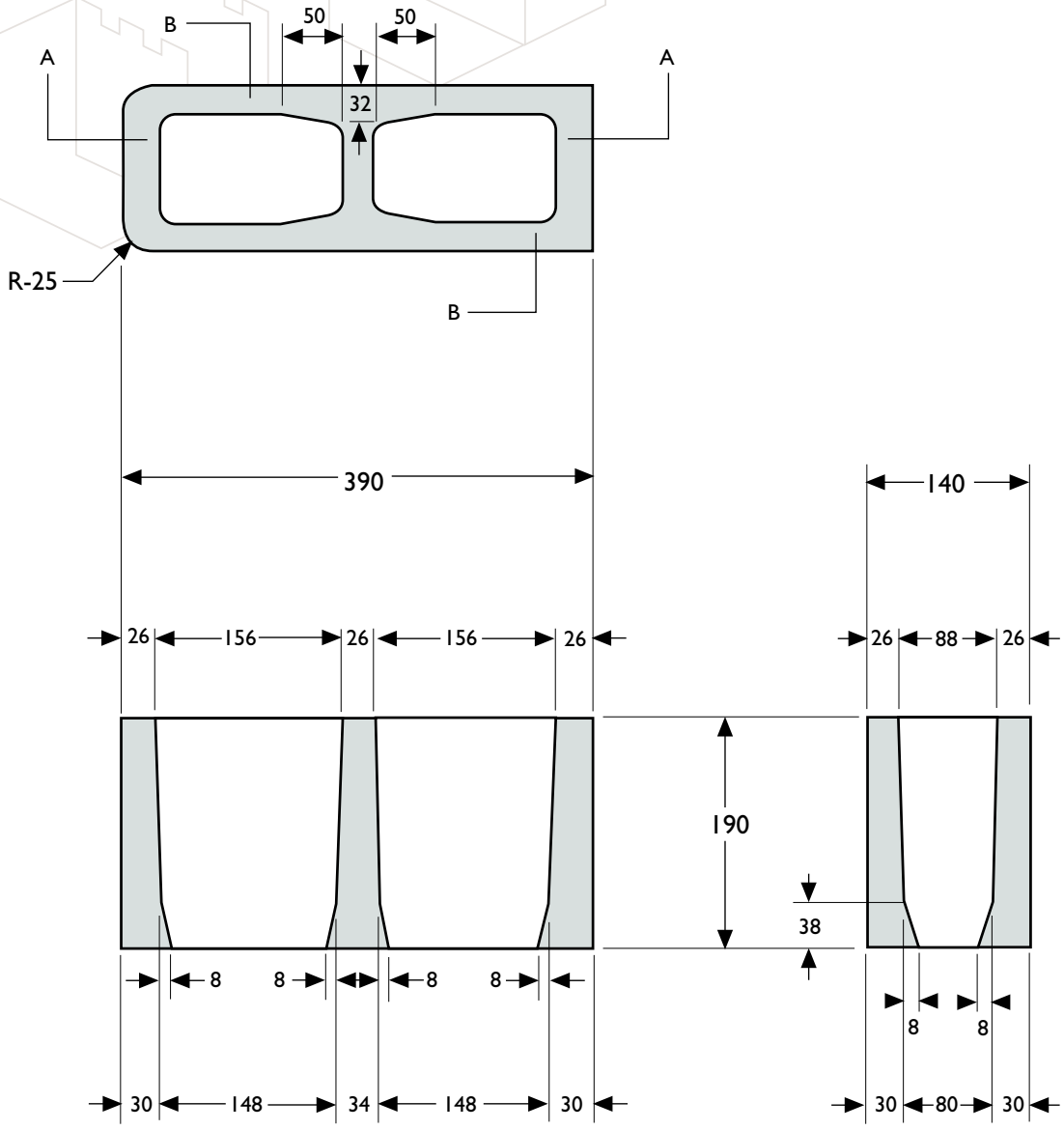
15cm Single Bullnose Half



UNIT DATA	
Light Weight	5.9 kg
Normal Weight	6.7 kg
Percent Solid	59.3%
Void Volume (mm^3) x 10^6	2.05
Net Area (mm^2) x 10^4	1.58

15cm Double Bullnose



Section A-A

Section B-B

UNIT DATA	
Light Weight	11.8 kg
Normal Weight	13.7 kg
Percent Solid	56%
Void Volume (mm^3) x 10^6	4.41
Net Area (mm^2) x 10^4	3.08

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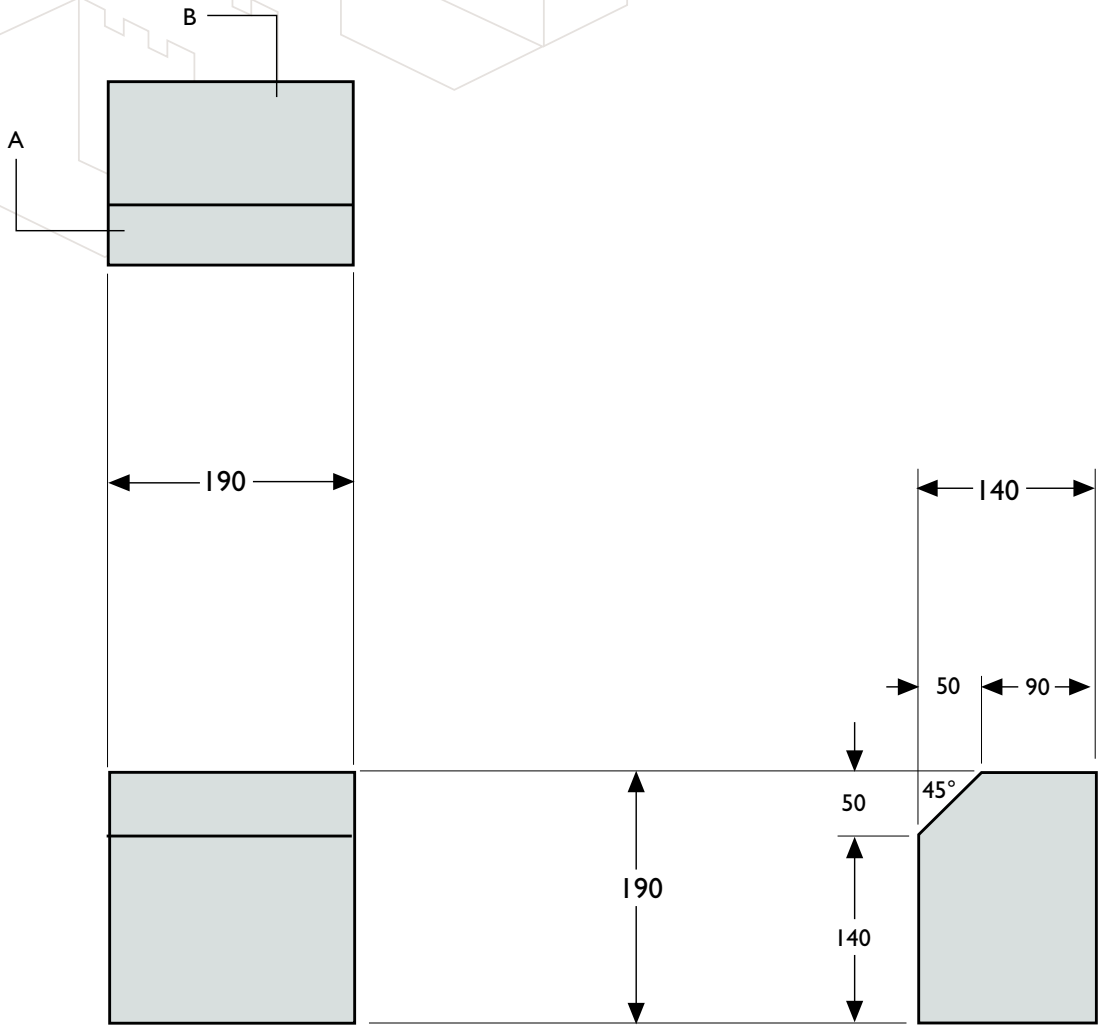
15cm Sill Block



Section A-A

Section B-B

UNIT DATA	
Light Weight	8.5 kg
Normal Weight	11.2 kg
Percent Solid	100%
Void Volume (mm^3) x 10^6	4.55
Net Area (mm^2) x 10^4	2.66

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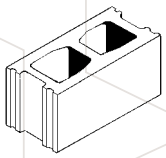
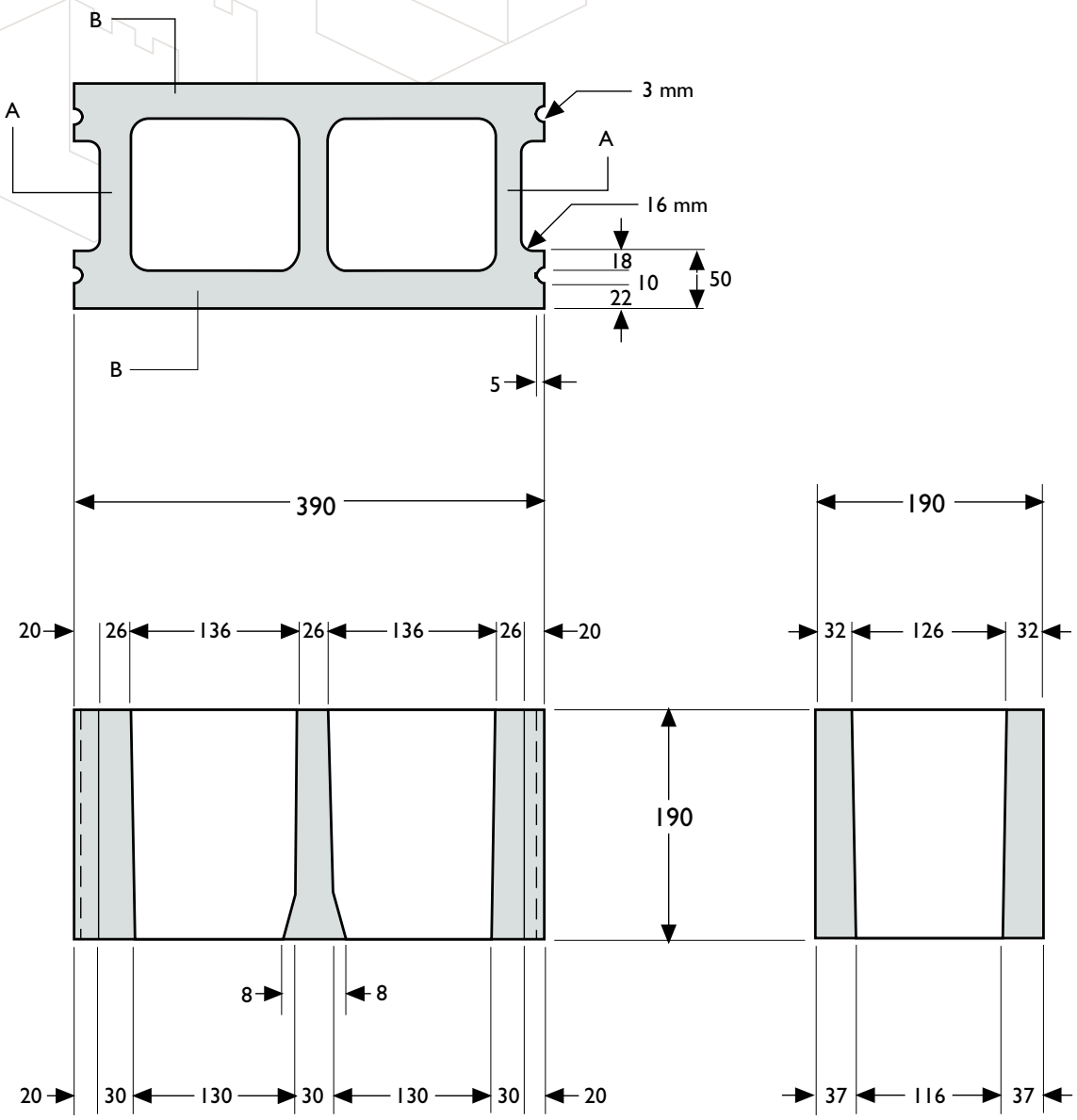


20cm Physical Properties

Actual Dimensions (mm) Width: 190 Height: 190 Length: 390		See Note	STANDARD CONFIGURATION				
			Manitoba		**Sask.**	**Alberta**	**British Columbia**
Available Types	**Standard Metric Configuration**		Hollow	Semi-Solid	Hollow	Hollow	Hollow
CSA Designation	"Four Facet System"	1	H/15/A,B,C,D/0,M	H/15/A,B,C,D/0,M	H/15/A,B,C,D/0,M	H/15/A,B,C,D/0,M	H/15/A,B,C,D/0,M
Dimensions (mm)	Minimum Face Shell Thickness Minimum Web Thickness Equivalent Thickness		32 26 106	60 30 148	32 26 106	32 26 106	32 26 106
Area (mm^2)	Gross Area Net Area Core Area		7.41×10^4 4.15×10^4 1.53×10^4	7.41×10^4 5.78×10^4 6.75×10^3	7.41×10^4 4.15×10^4 1.53×10^4	7.41×10^4 4.15×10^4 1.53×10^4	7.41×10^4 4.15×10^4 1.53×10^4
Volume (mm^3)	Gross Volume Net Volume Void Volume		14.079×10^6 7.88×10^6 6.195×10^6	14.079×10^6 10.97×10^6 3.109×10^6	14.079×10^6 7.88×10^6 6.195×10^6	14.079×10^6 7.88×10^6 6.195×10^6	14.079×10^6 7.88×10^6 6.195×10^6
Percent Solid (%)	Net Volume/Gross Volume		56	78	56	56	56
Typical Unit Mass (kg)	CSA "A" - Type "A" Concrete CSA "B" - Type "B" Concrete		16.5 13.8	23.0	13.8	13.8	16.5
Typical Unit Mass (kg/m^2) **(with mortar)**	CSA "A" - Type "A" Concrete CSA "B" - Type "B" Concrete		223	331	186	186	223
Minimum Compressive Strength (Average of 3 Units (Mpa)	Based on Net Area	9	15.0	15.0	15.0	15.0	15.0
Fire Performance Rating (hours)	Normal Weight (NBCC) Lightweight (NBCC)	10	1.6 2.1	3.2 4.0	2.1	2.1	1.6
Sound Properties Sound Transmission Class (STC)	Normal Weight (NBCC) Lightweight (NBCC)	11	47	53	45	45	47
Thermal Properties RSI Factors (m^2degC/W)	Normal Weight (NBCC) Lightweight (NBCC)	12	0.21	n.a.	0.25	0.25	0.21
Moment of Inertia (mm^4)	Per Block I Per Metre Im		194.2×10^6 498.0×10^6	217.1×10^6 556.6×10^6	194.2×10^6 498.0×10^6	194.2×10^6 498.0×10^6	194.2×10^6 498.0×10^6
Section Modulus (mm^3)	Per Block S Per Block Sm		2.045×10^6 5.242×10^6	2.285×10^6 5.859×10^6	2.045×10^6 5.242×10^6	2.045×10^6 5.242×10^6	2.045×10^6 5.242×10^6

These tables are to be used in conjunction with explanatory notes, contained in the Introductory Section. See individual unit data sheets for Mass, Volume and Area.

20cm Standard

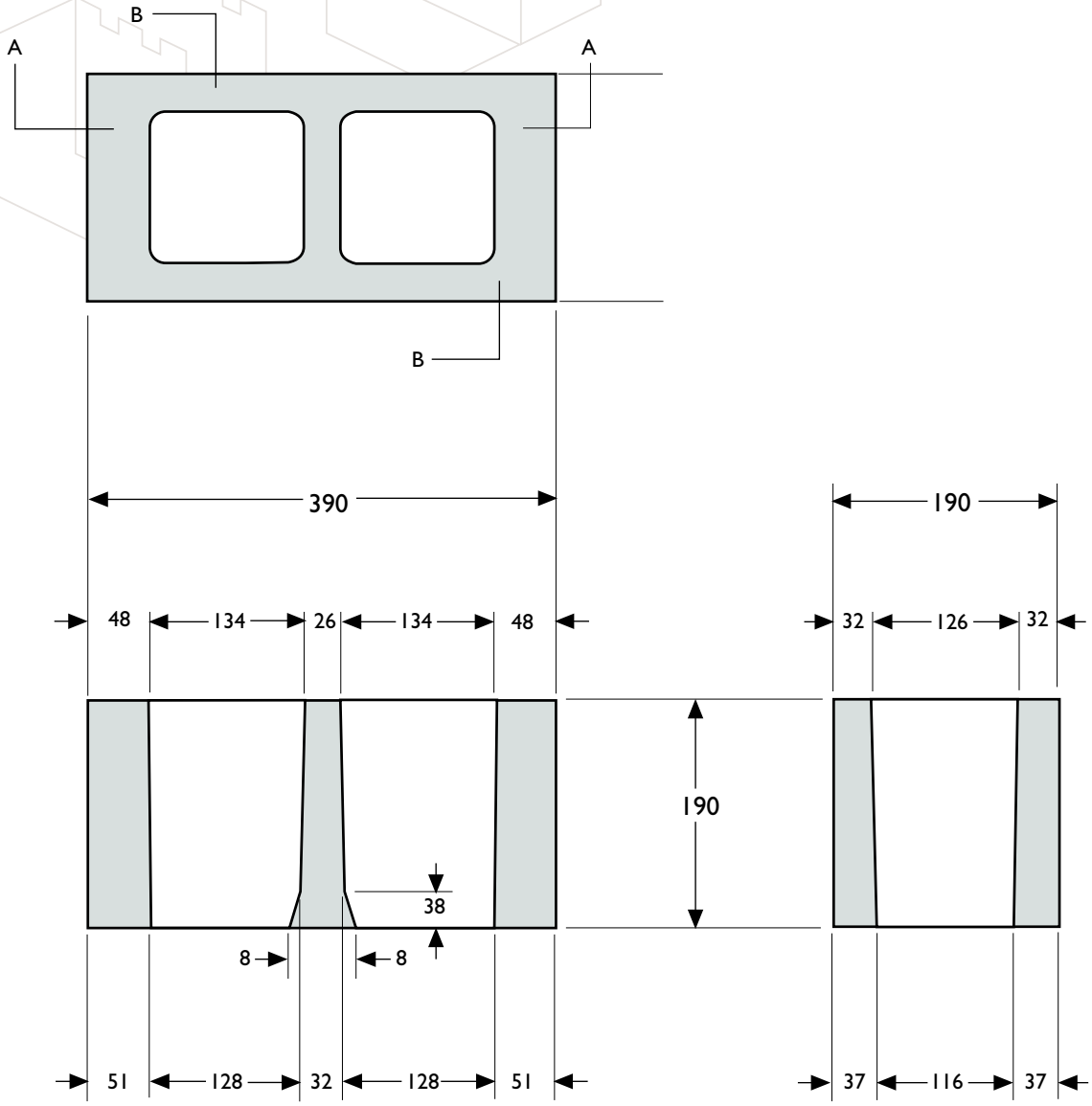


Section A-A

Section B-B

UNIT DATA	
Light Weight	13.6 kg
Normal Weight	17.3 kg
Percent Solid	52.9%
Void Volume (mm^3) x 10^6	6.691
Net Area (mm^2) x 10^4	3.95

20cm Corner

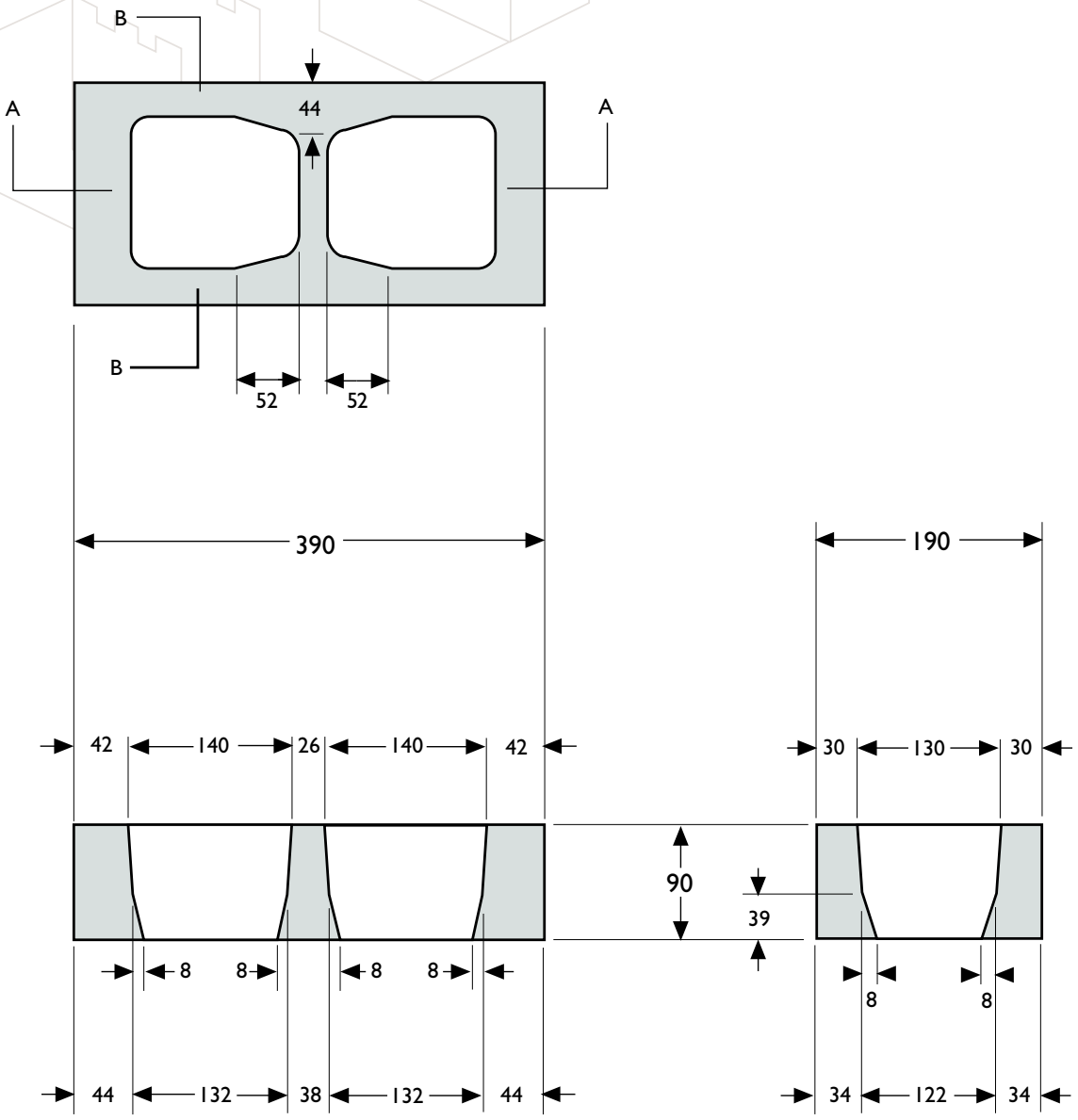


Section A-A

Section B-B

UNIT DATA	
Light Weight	14.2 kg
Normal Weight	18 kg
Percent Solid	53%
Void Volume (mm^3) x 10^6	6.2
Net Area (mm^2) x 10^4	4.15

20cm Half High



Section A-A

Section B-B

UNIT DATA	
Light Weight	6.73 kg
Normal Weight	7.7 kg
Percent Solid	59%
Void Volume (mm^3) x 10^6	2.89
Net Area (mm^2) x 10^4	4.00

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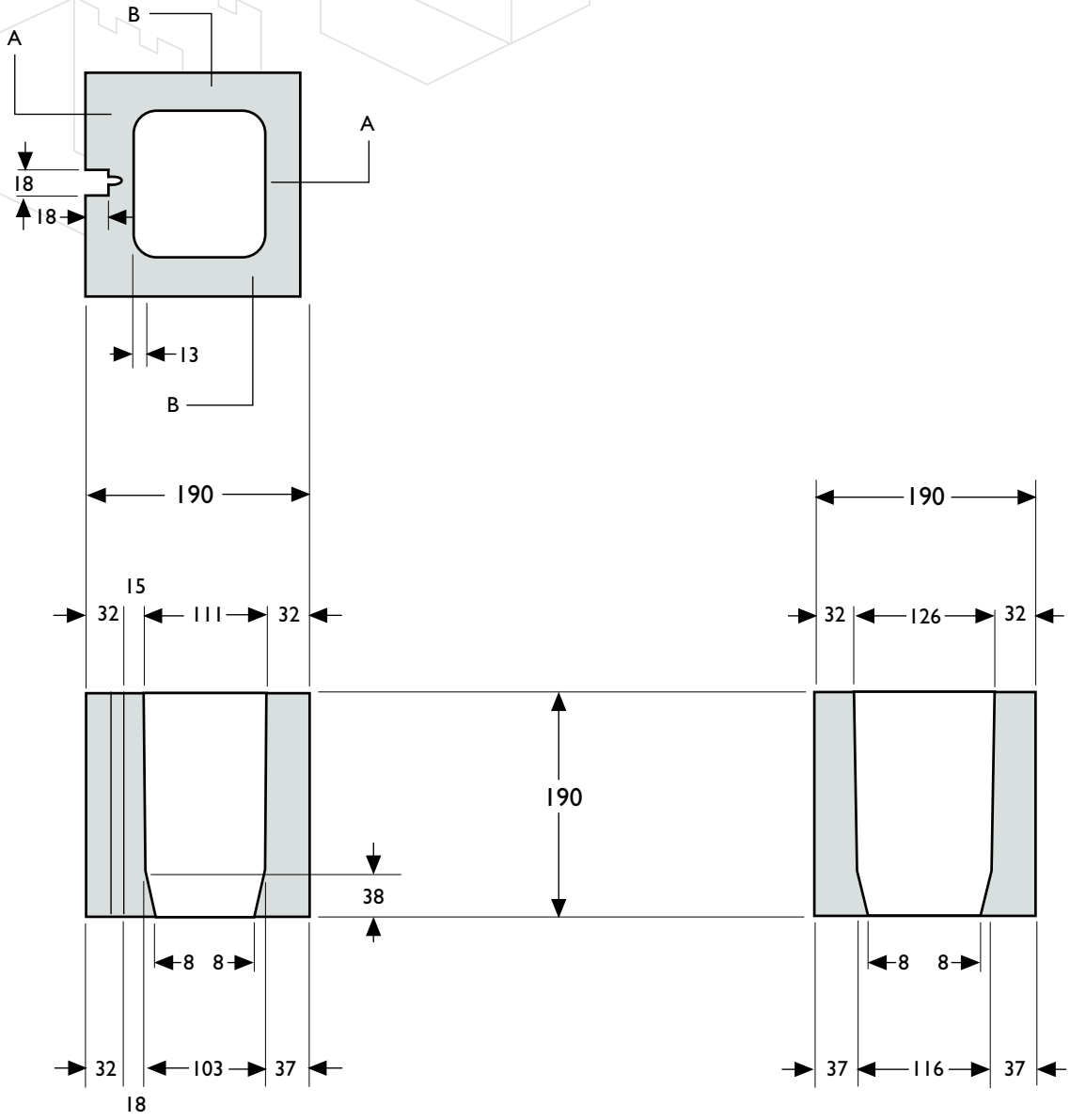
20cm Half

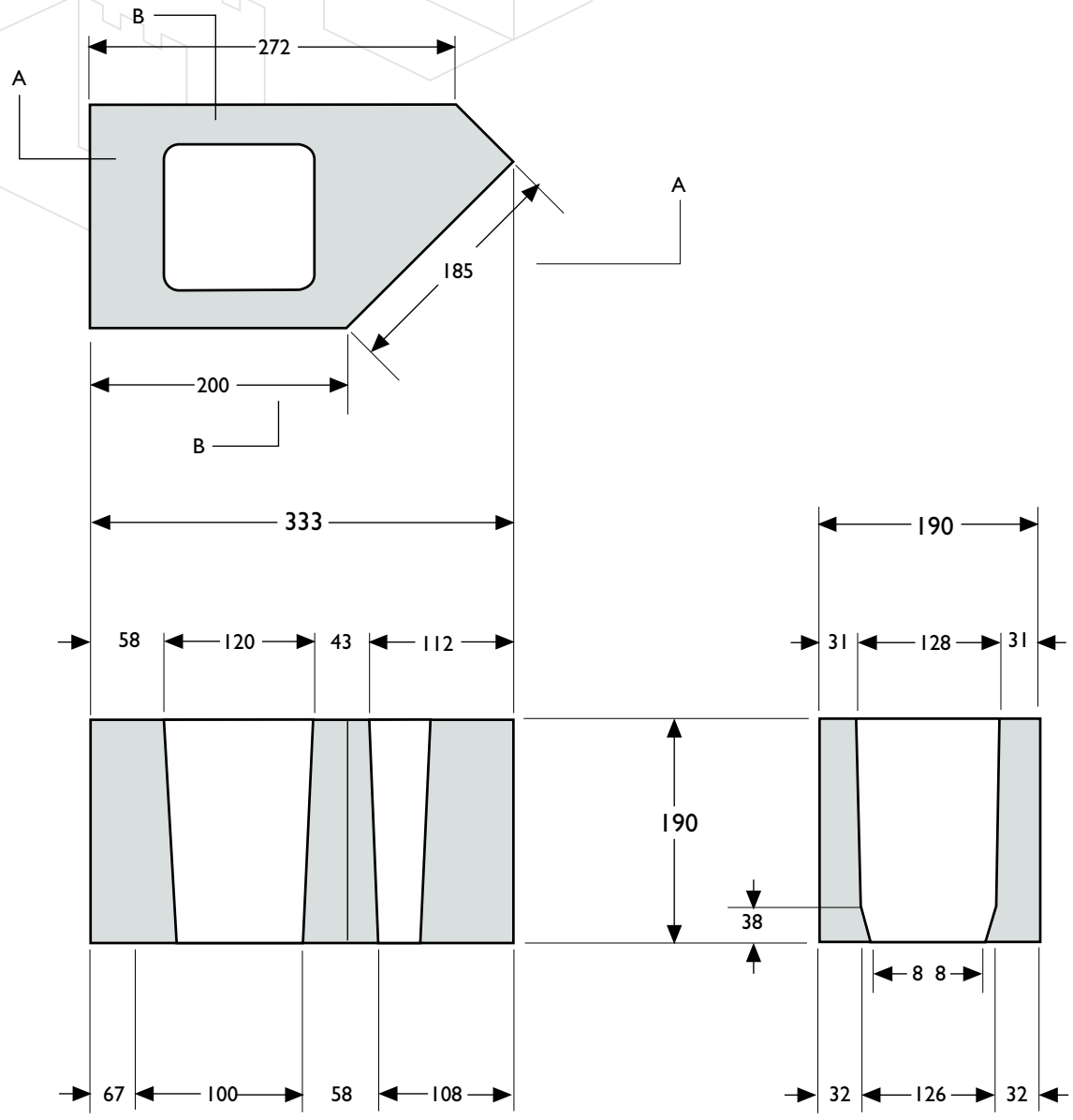


Section A-A

Section B-B

UNIT DATA	
Light Weight	9.2 kg
Normal Weight	13.2 kg
Percent Solid	59%
Void Volume (mm^3) x 10^6	2.36
Net Area (mm^2) x 10^4	2.32

20cm Corner 45^0



Section A-A

Section B-B

UNIT DATA	
Light Weight	13.6 kg
Normal Weight	19.6 kg
Percent Solid	46.2%
Void Volume (mm^3) x 10^6	7.58
Net Area (mm^2) x 10^4	3.42

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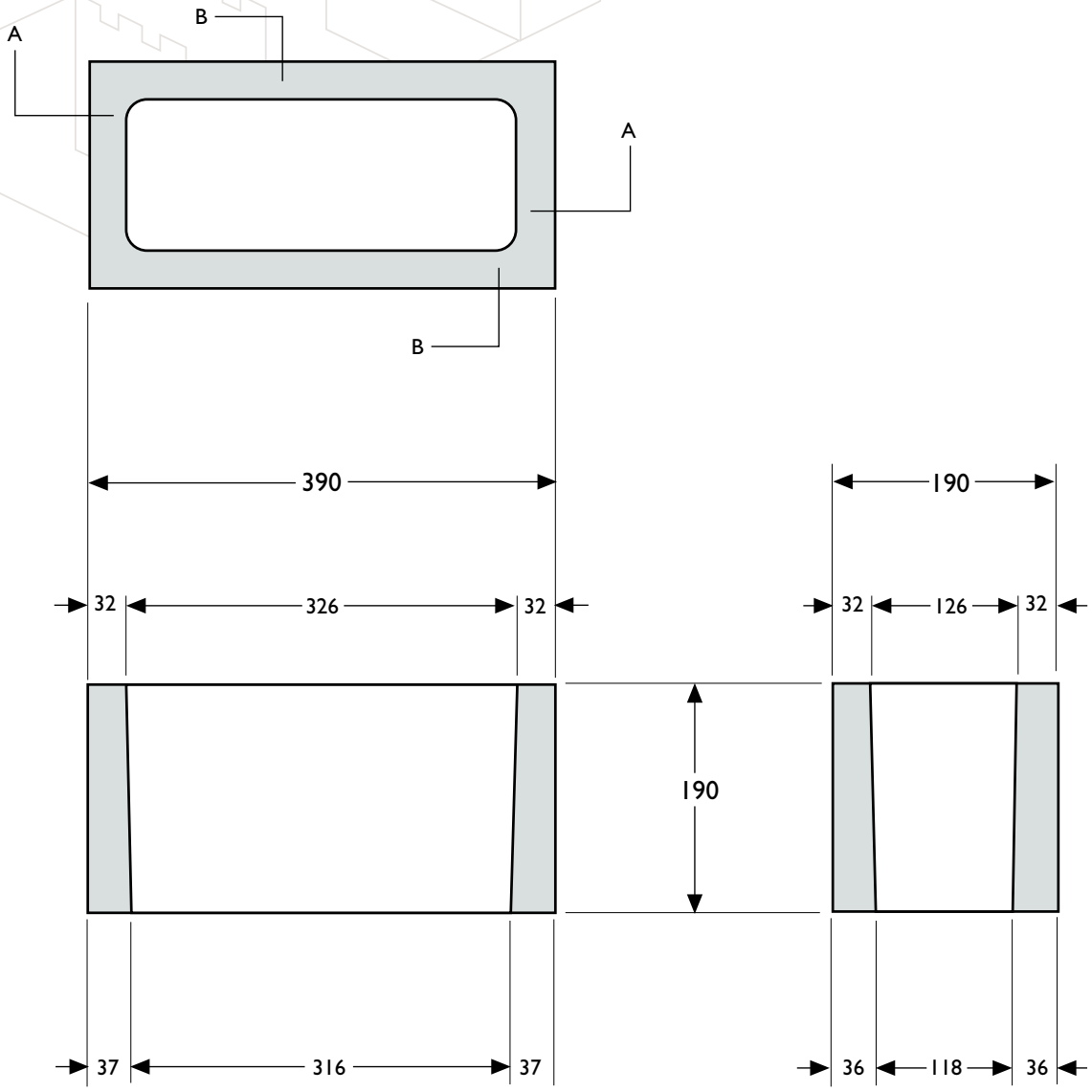
20cm O-Block

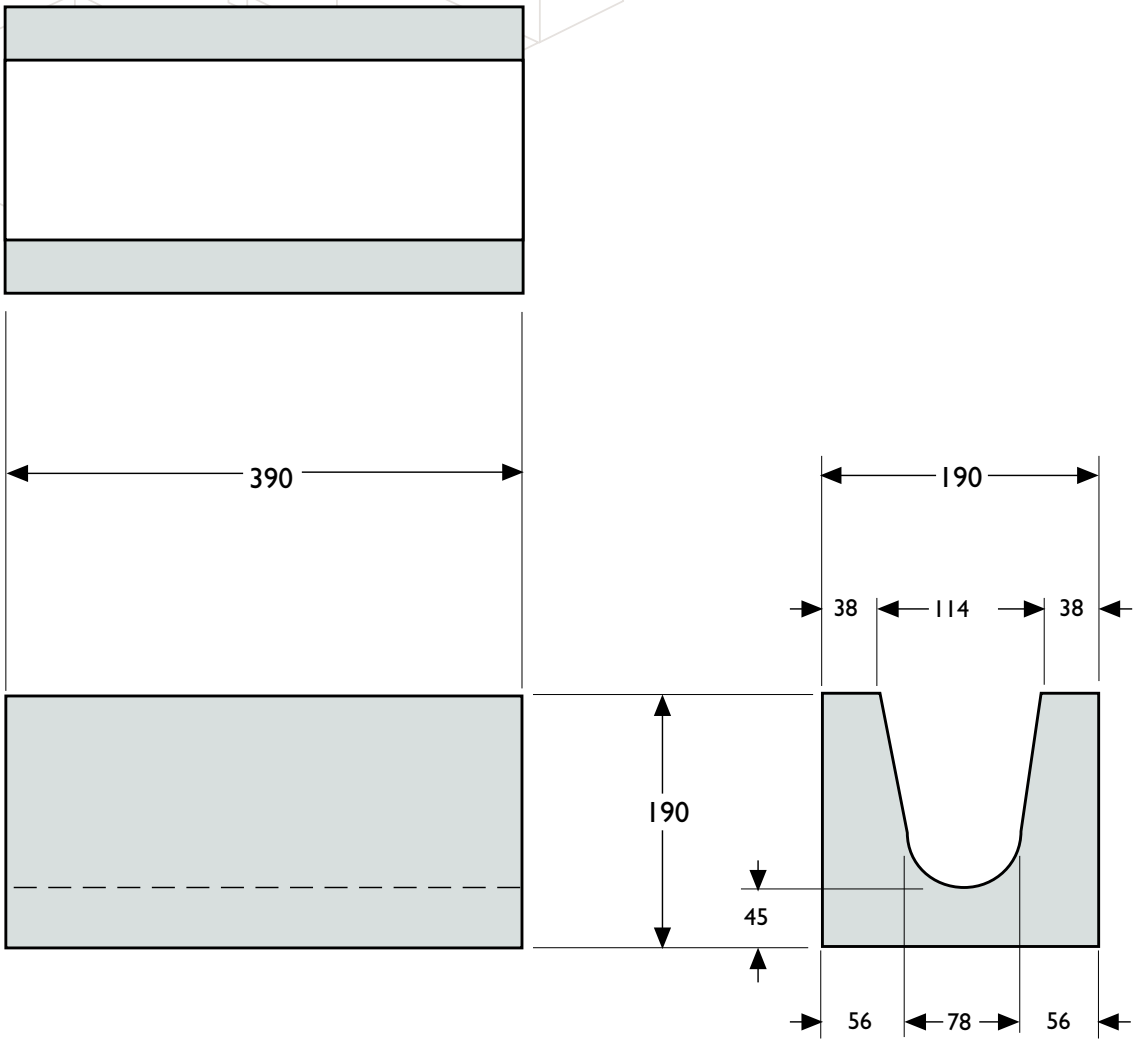


Section A-A

Section B-B

UNIT DATA	
Light Weight	11.5 kg
Normal Weight	15.3 kg
Percent Solid	47.1%
Void Volume (mm^3) x 10^6	7.44
Net Area (mm^2) x 10^4	3.49

20cm Bond Beam

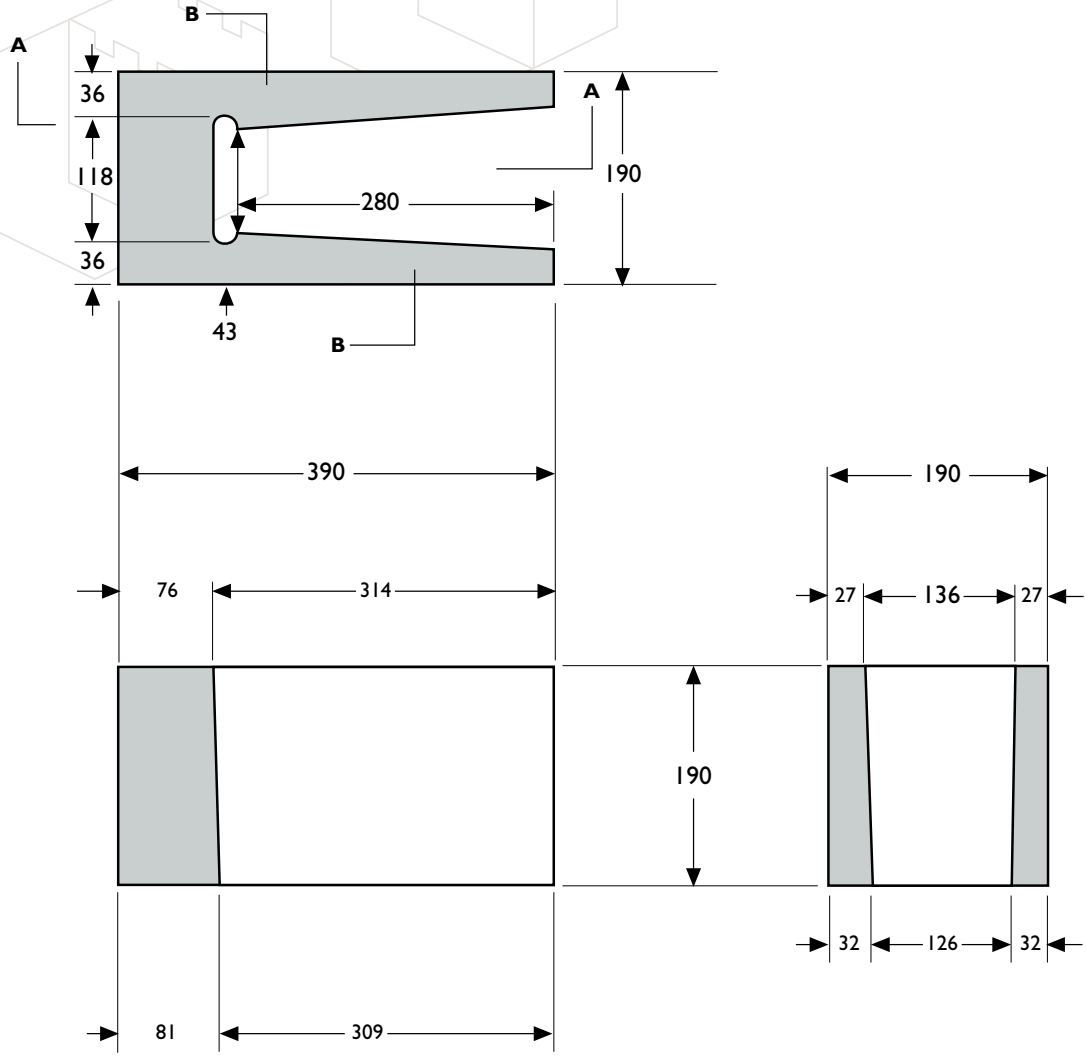


Section A-A

Section B-B

UNIT DATA	
Light Weight	15.2 kg
Normal Weight	19.4 kg
Percent Solid	65.2%
Void Volume (mm^3) x 10^6	4.9
Net Area (mm^2) x 10^4	4.83

20cm Full Lintel

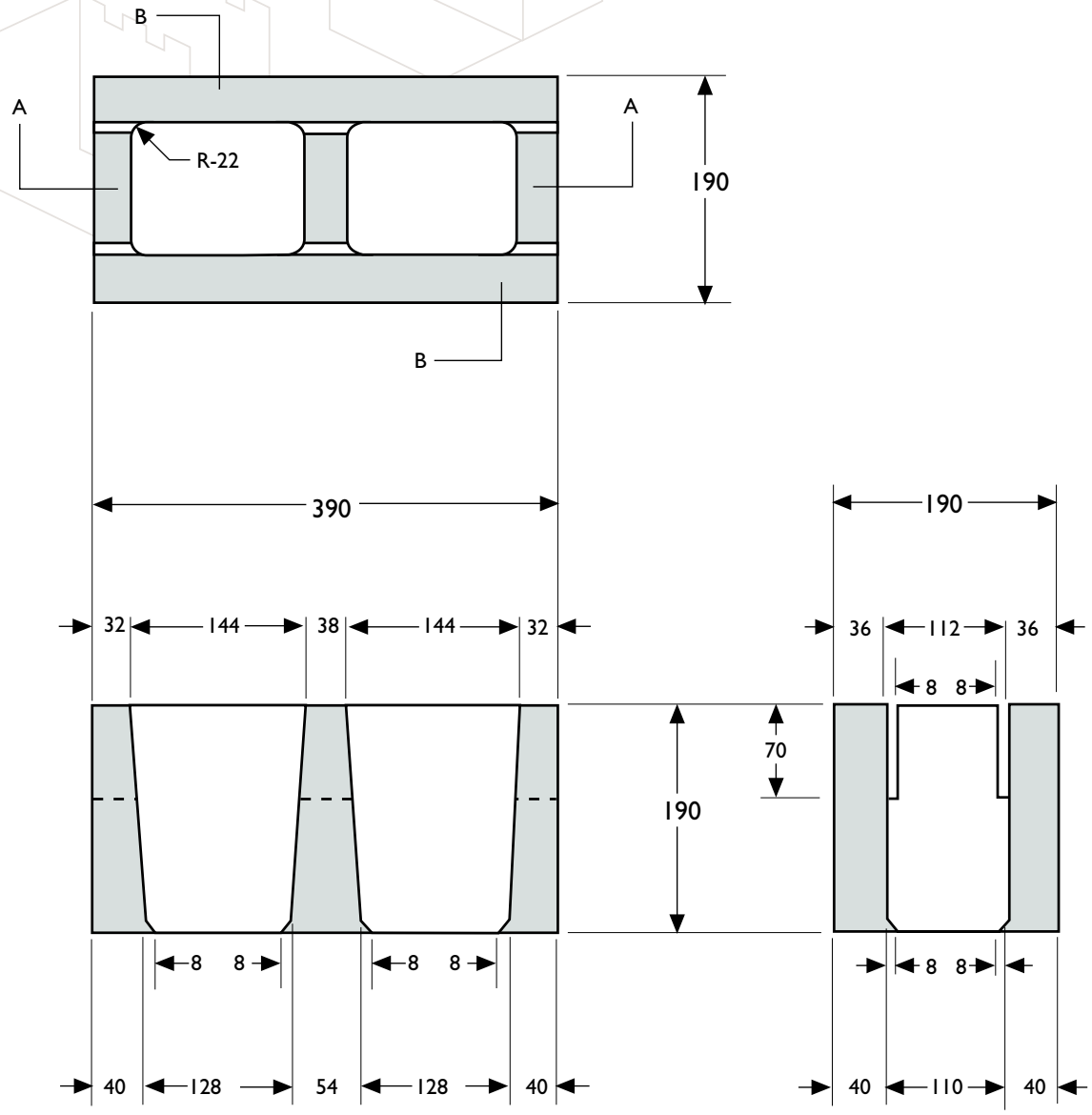


Section A-A

Section B-B

UNIT DATA	
Light Weight	11.8 kg
Normal Weight	15.3 kg
Percent Solid	48.5%
Void Volume (mm^3) x 10^6	7.25
Net Area (mm^2) x 10^4	3.59

20cm Knock Out Lintel



Section A-A

Section B-B

UNIT DATA	
Light Weight	14.7 kg
Normal Weight	18.1 kg
Percent Solid	46.2%
Void Volume (mm^3) x 10^6	7.58
Net Area (mm^2) x 10^4	3.42

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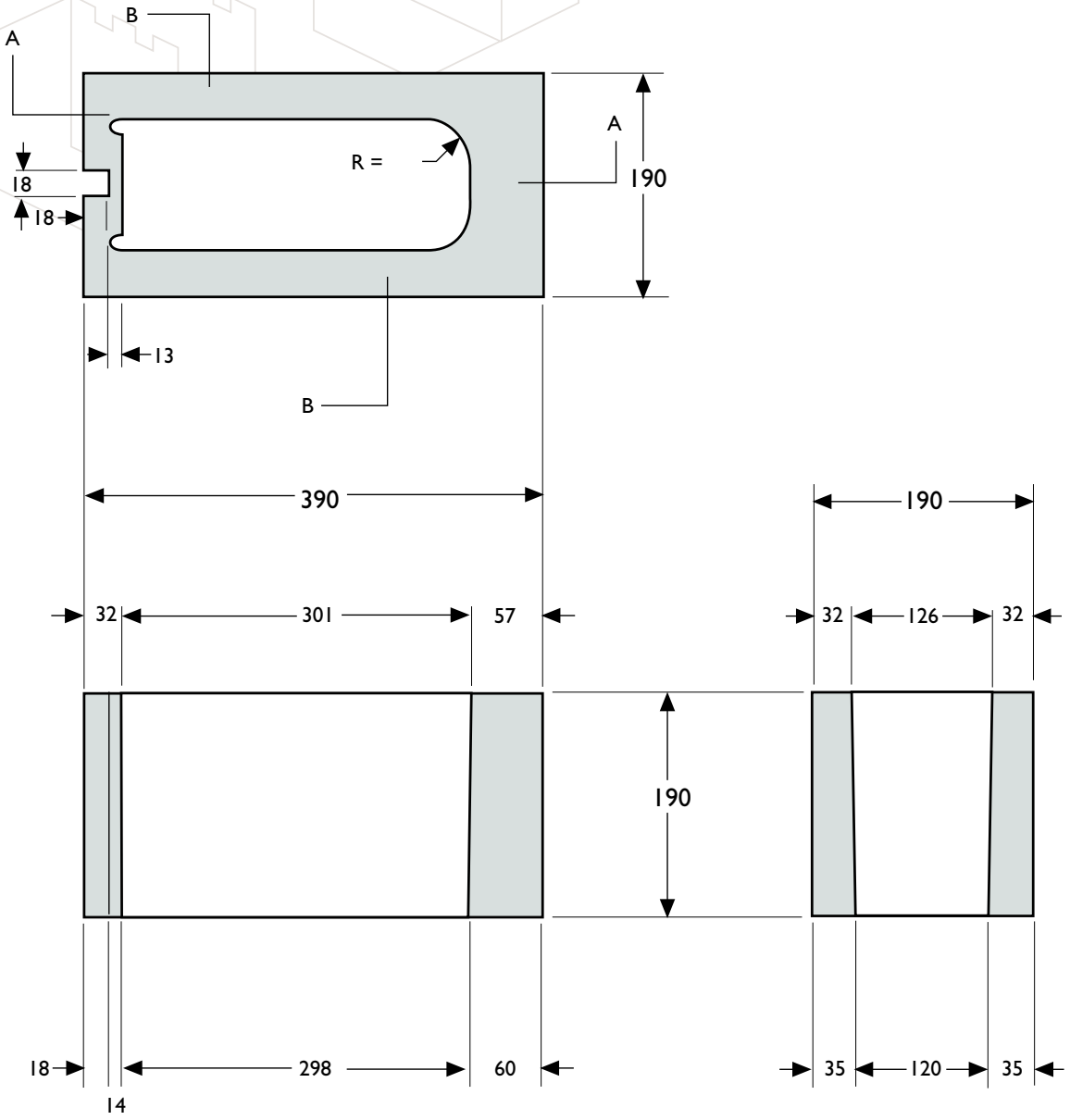
20cm Single Core Lintel



Section A-A

Section B-B

UNIT DATA	
Light Weight	11.5 kg
Normal Weight	15 kg
Percent Solid	52.3%
Void Volume (mm^3) x 10^6	6.65
Net Area (mm^2) x 10^4	3.88

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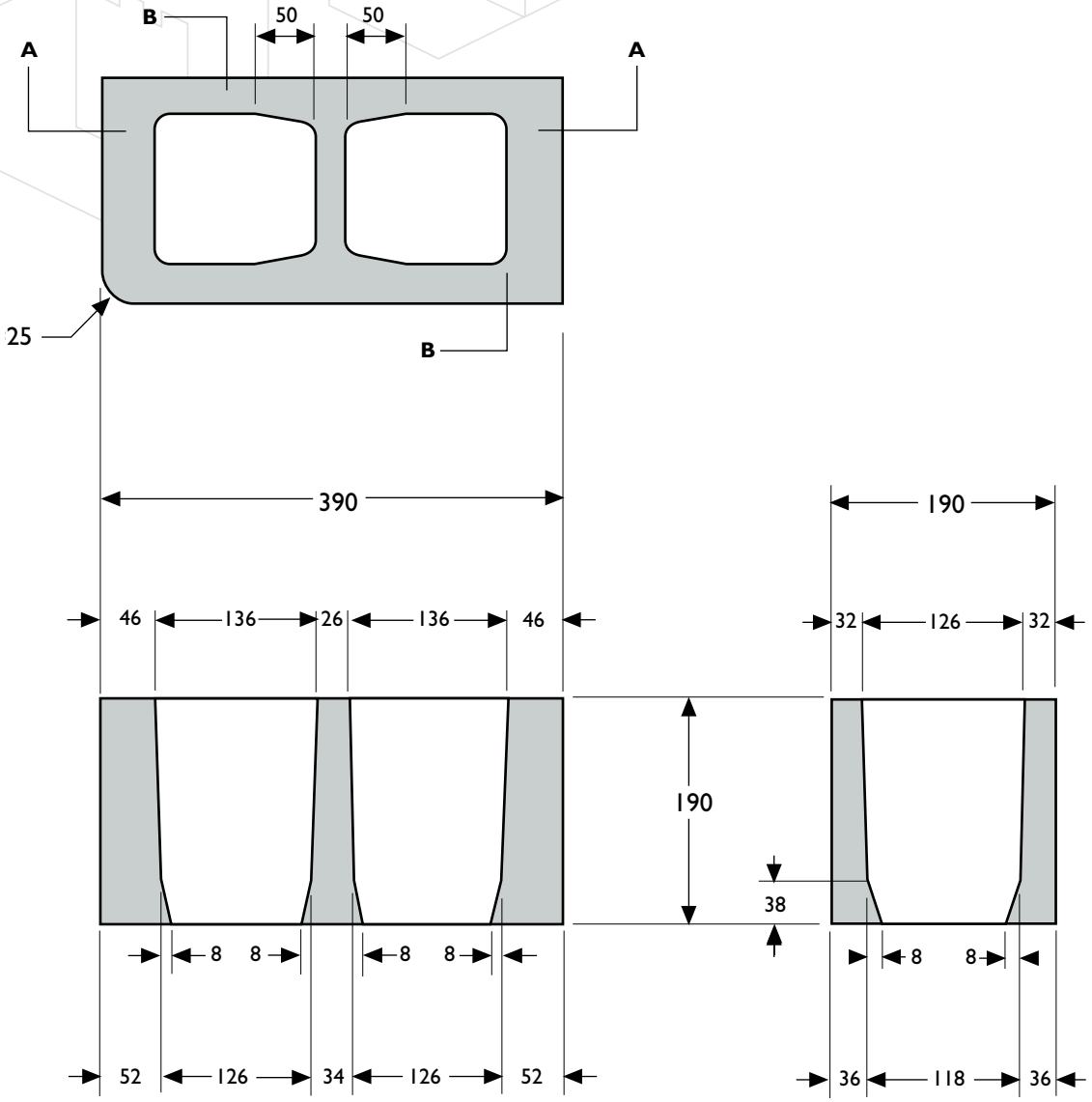
20cm Single Bullnose



Section A-A

Section B-B

UNIT DATA	
Light Weight	15.1 kg
Normal Weight	18.2 kg
Percent Solid	59%
Void Volume (mm^3) x 10^6	5.68
Net Area (mm^2) x 10^4	4.38

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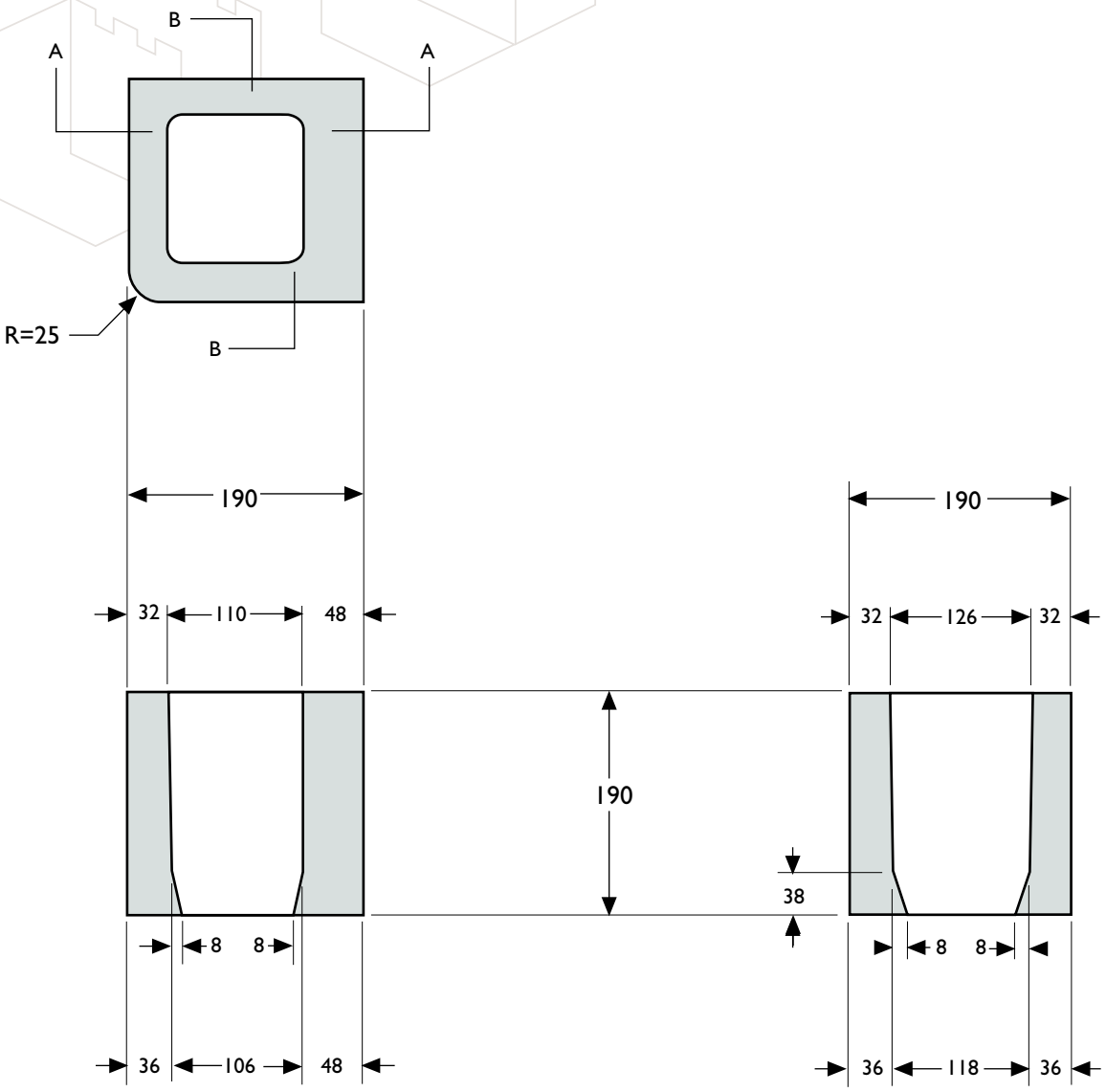
20cm Single Bullnose Half



Section A-A

Section B-B

UNIT DATA	
Light Weight	7.8 kg
Normal Weight	9.9 kg
Percent Solid	59%
Void Volume (mm^3) x 10^6	3
Net Area (mm^2) x 10^4	2.27

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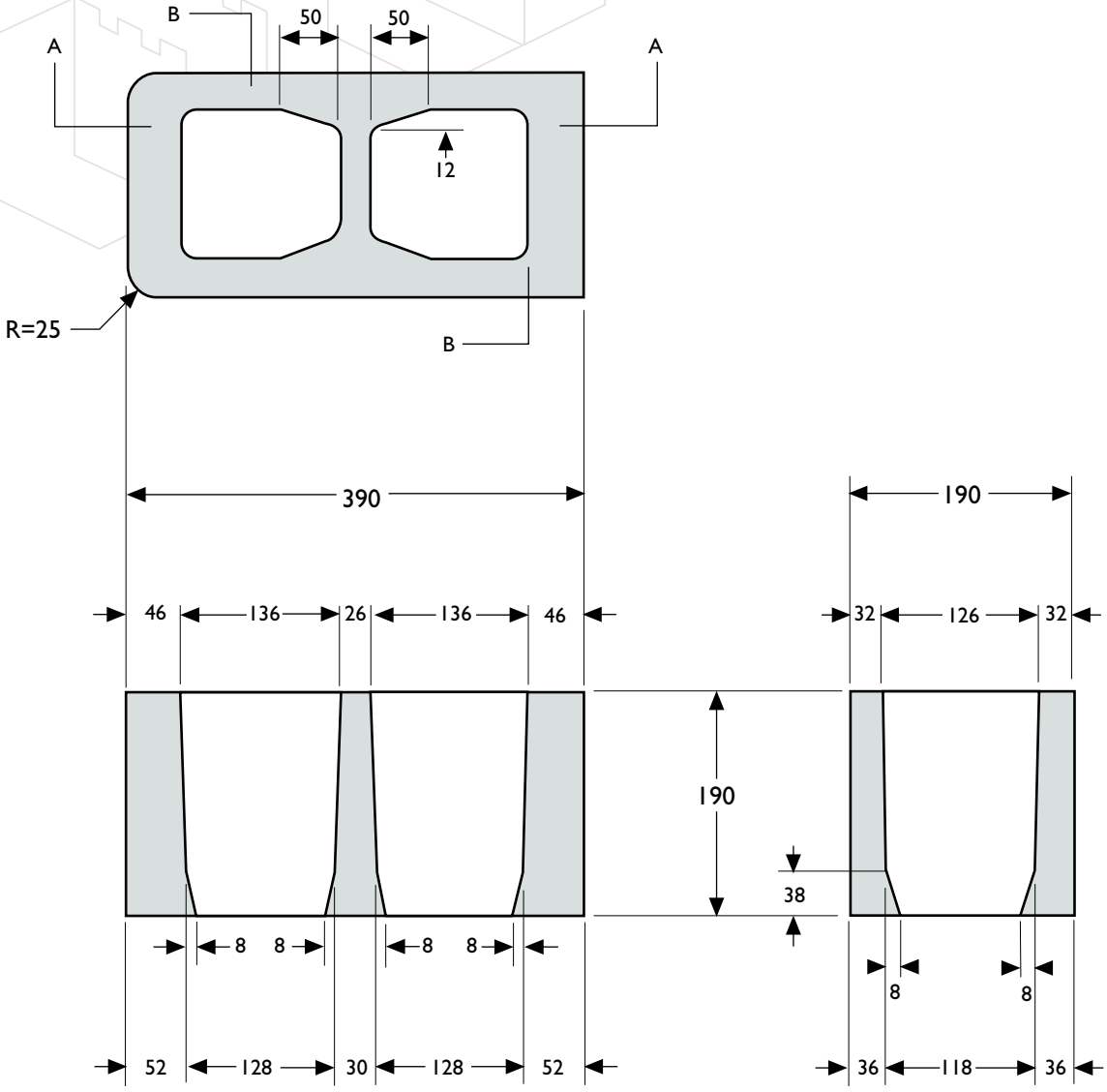
20cm Double Bullnose

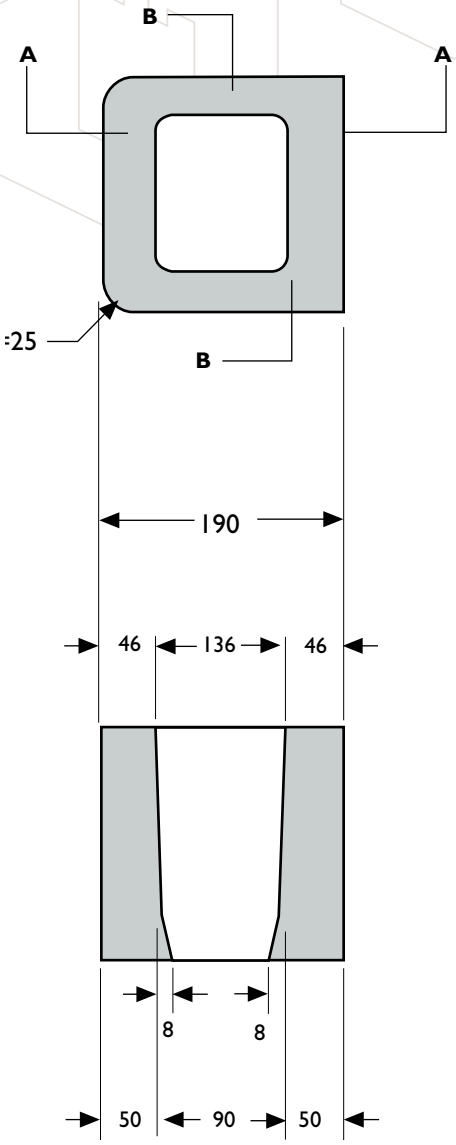


Section A-A

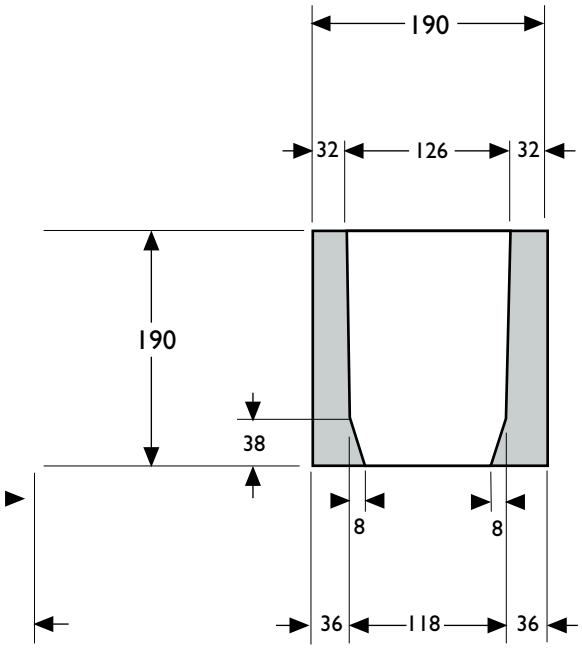
Section B-B

UNIT DATA	
Light Weight	15.3 kg
Normal Weight	19.4 kg
Percent Solid	59%
Void Volume (mm^3) x 10^6	5.68
Net Area (mm^2) x 10^4	4.38

20cm Double Bullnose Half



Section A-A



Section B-B

UNIT DATA	
Light Weight	8.5 kg
Normal Weight	10.6 kg
Percent Solid	59%
Void Volume (mm^3) x 10^6	3
Net Area (mm^2) x 10^4	2.27

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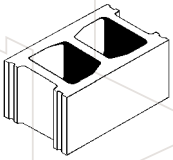

25cm Physical Properties

Actual Dimensions (mm) Width: 240 Height: 190 Length: 390		See Note	STANDARD CONFIGURATION
Available Types	**Standard Metric Configuration**		Hollow
CSA Designation	"Four Facet System"	1	H/15/A,C/O,M
Dimensions (mm)	Minimum Face Shell Thickness Minimum Web Thickness Equivalent Thickness		35 28 124
Area (mm^2)	Gross Area (mm^2) x 10^4 Net Area (mm^2) x 10^4 Core Area (mm^2) x 10^3		9.39 4.86 2.26
Volume (mm^3)	Gross Volume (mm^3) x 10^6 Net Volume (mm^3) x 10^6 Void Volume (mm^3) x 10^6		17.88 9.257 8.623
Percent Solid (%)	Net Volume/Gross Volume		51.8%
Typical Unit Mass (kg)	Normal Weight Light Weight		21.4 14.7
Typical Unit Mass (kg/m^2) **(with mortar)**	Normal Weight Light Weight		267 210
Minimum Compressive Strength (Average of 3 Units (Mpa)	Based on Net Area	9	15.0
Fire Performance Rating (hours)	Normal Weight Light Weight		2.6 3.1
Sound Properties Sound Transmission Class (STC)	Normal Weight Light Weight	11	51 49
Thermal Properties RSI Factors (m^2degC/W)	Normal Weight Light Weight	12	0.24 .28
Moment of Inertia (mm^4)	Per Block I Per Metre Im		334.9 x 10^6 858.8 x 10^6
Section Modulus (mm^3)	Per Block S Per Block Sm		2.791 x 10^6 7.156 x 10^6

Important Classification Note
All **Light Weight** is classified as **C**
All **Normal Weight** is classified as **A**

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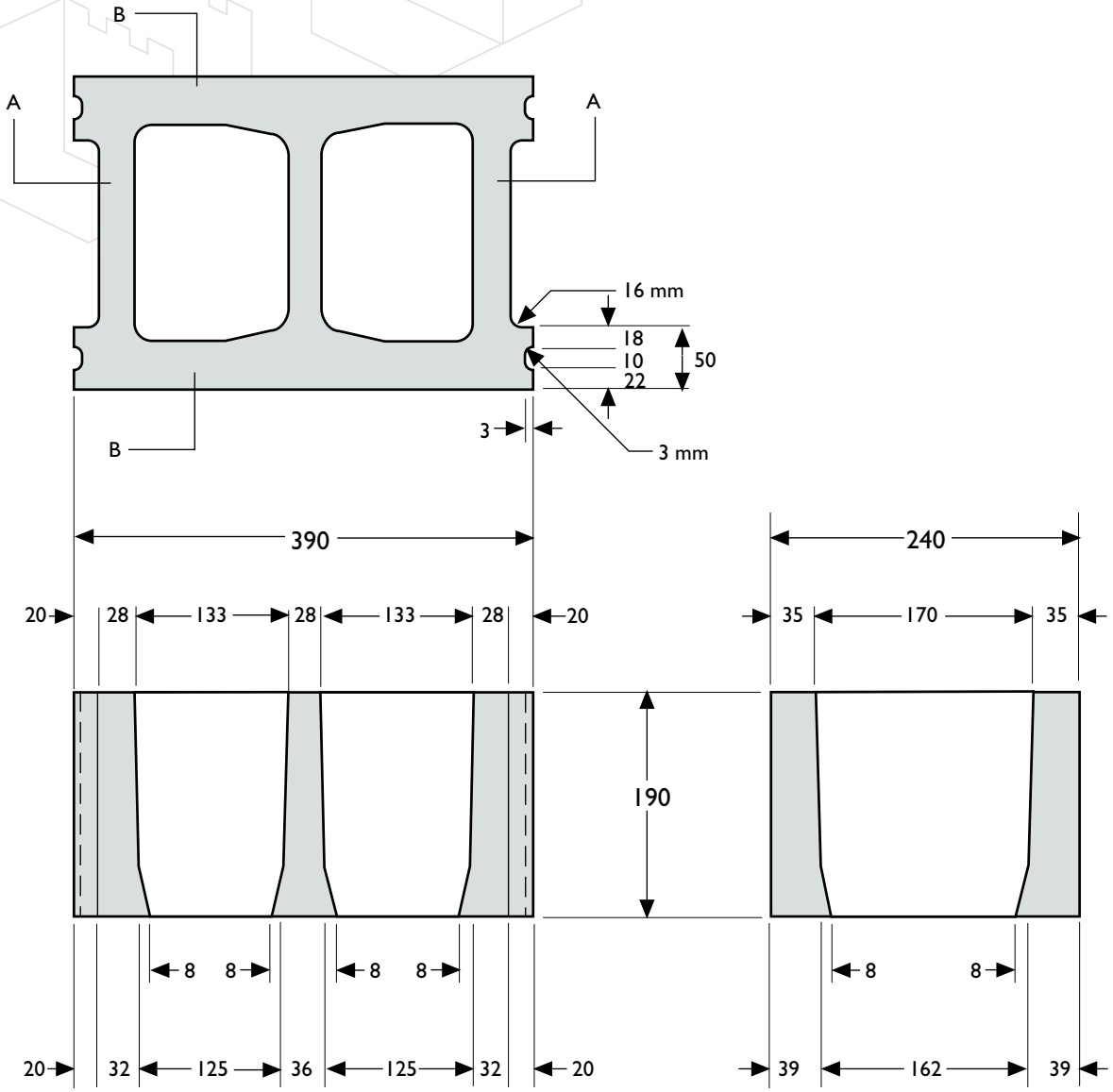
25cm Standard

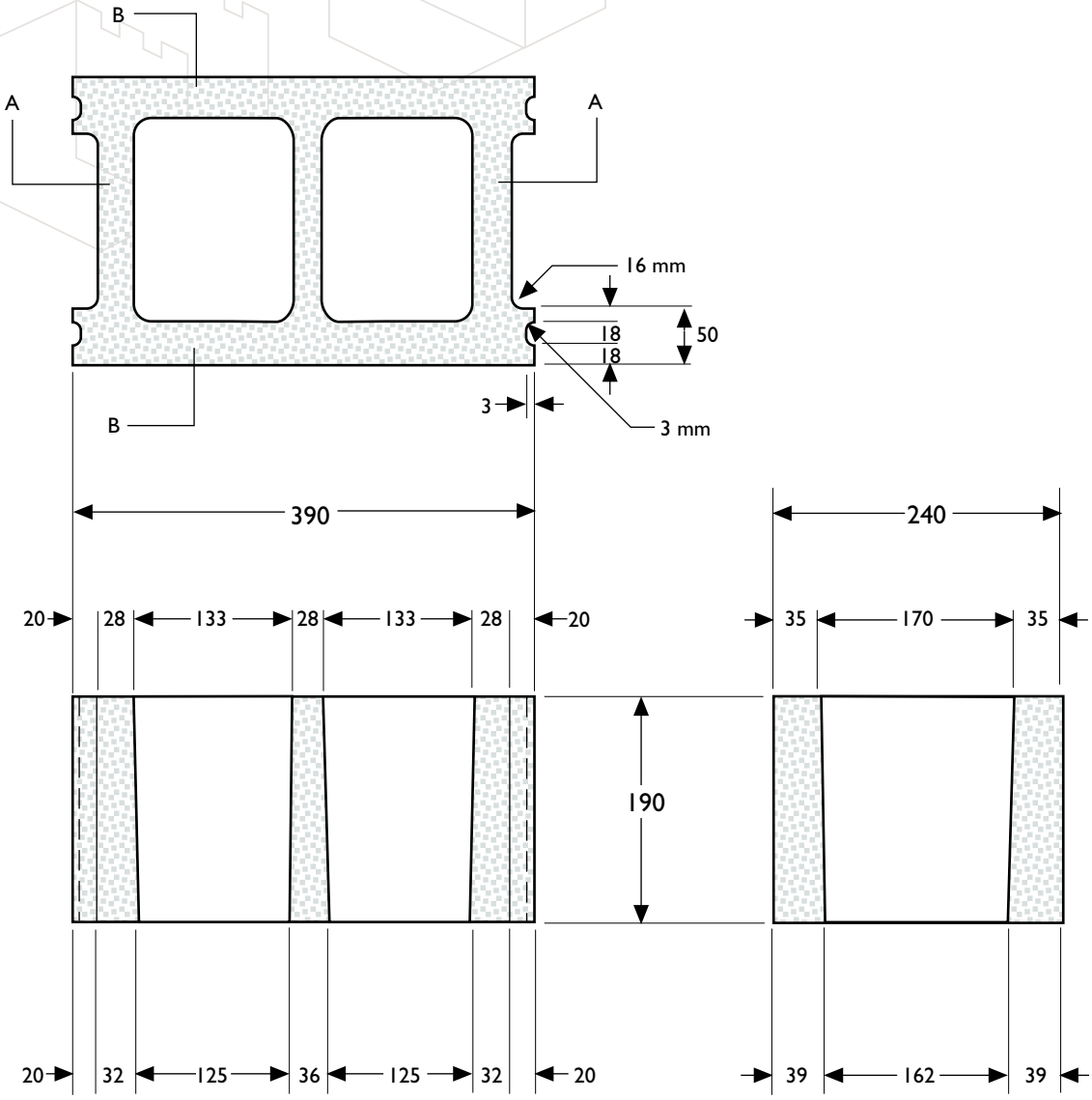


Section A-A

Section B-B

UNIT DATA	
Light Weight	14.7 kg
Normal Weight	21.4 kg
Percent Solid	51.8%
Void Volume (mm^3) x 10^6	8.623
Net Area (mm^2) x 10^4	4.86

25cm Standard SKB

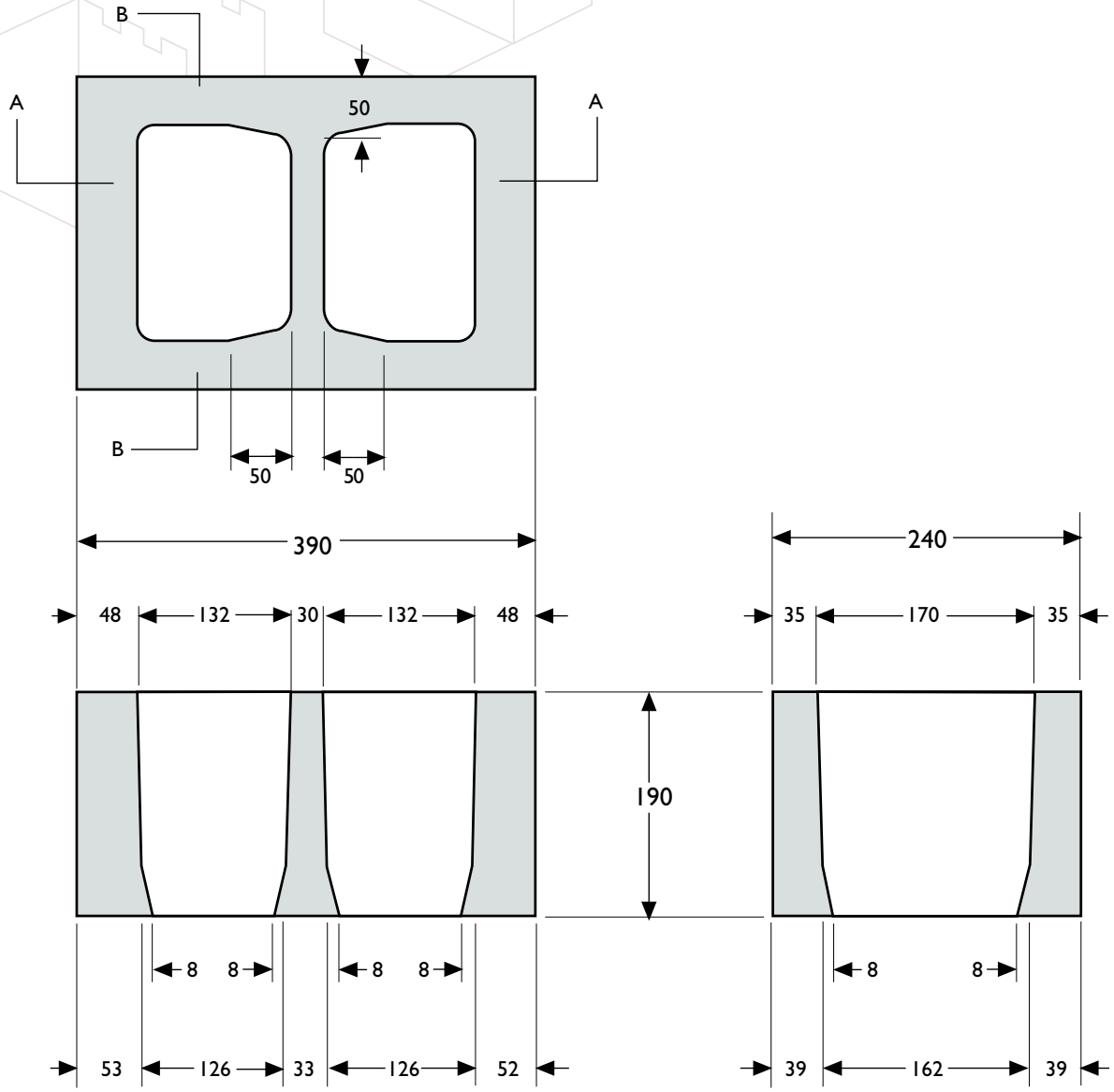


Section A-A

Section B-B

UNIT DATA	
Light Weight	14.7 kg
Normal Weight	N/A
Percent Solid	51.8%
Void Volume (mm^3) x 10^6	8.623
Net Area (mm^2) x 10^4	4.86
MPa	10.36

25cm Square End

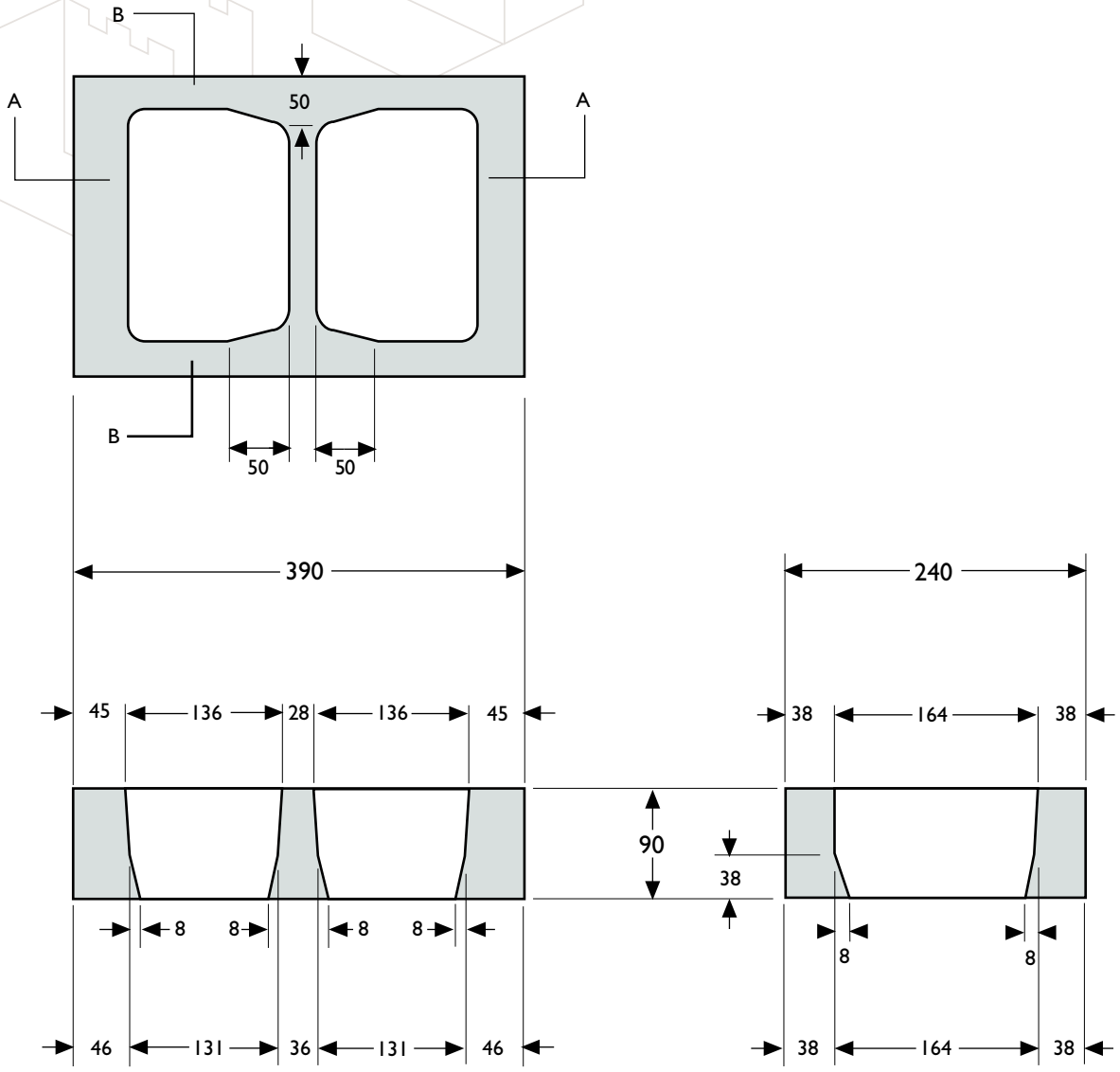


Section A-A

Section B-B

UNIT DATA	
Light Weight	18.1 kg
Normal Weight	22 kg
Percent Solid	57%
Void Volume (mm^3) x 10^6	4.64
Net Area (mm^2) x 10^4	5.34

25cm Half High



Section A-A

Section B-B

UNIT DATA	
Light Weight	8.9 kg
Normal Weight	10.7 kg
Percent Solid	56.8%
Void Volume (mm^3) x 10^6	3.64
Net Area (mm^2) x 10^4	5.32

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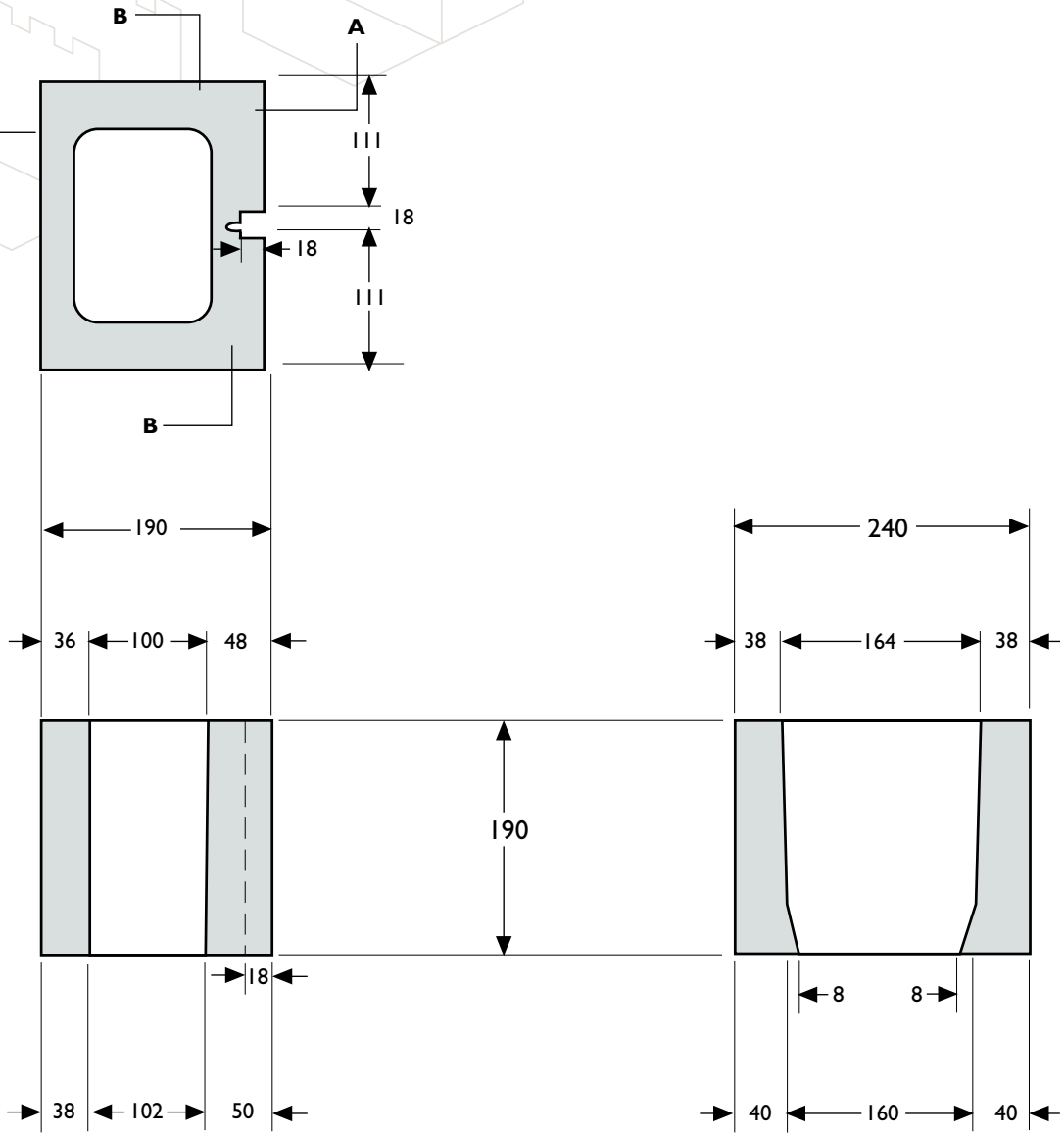
25cm Half

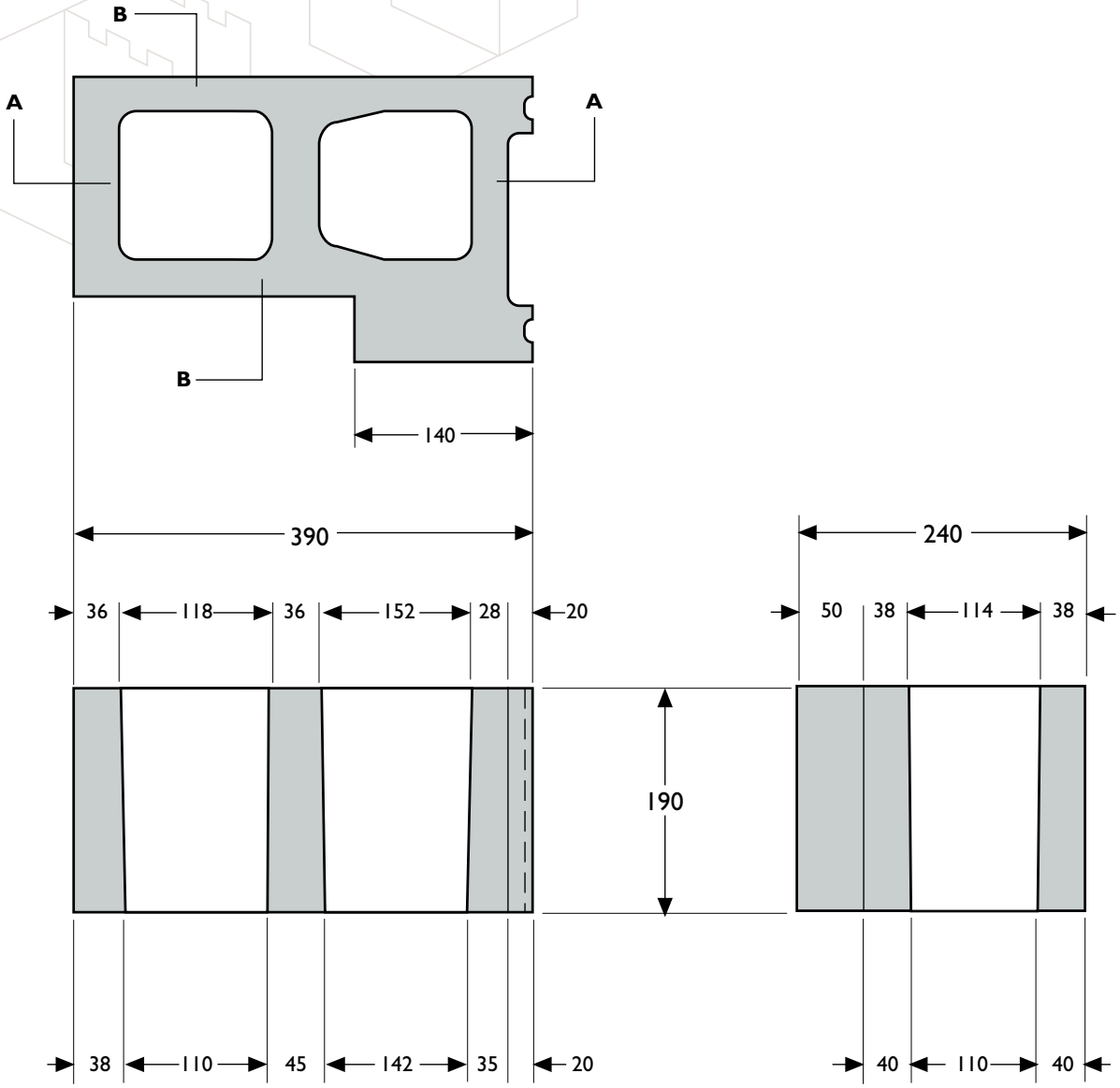


Section A-A

Section B-B

UNIT DATA	
Light Weight	8.8 kg
Normal Weight	11.6 kg
Percent Solid	59.0%
Void Volume (mm^3) x 10^6	2.79
Net Area (mm^2) x 10^4	3.06

25cm L Corner



Section A-A

Section B-B

UNIT DATA	
Light Weight	16 kg
Normal Weight	20.9 kg
Percent Solid	61.3%
Void Volume (mm^3) x 10^6	5.97
Net Area (mm^2) x 10^4	4.97

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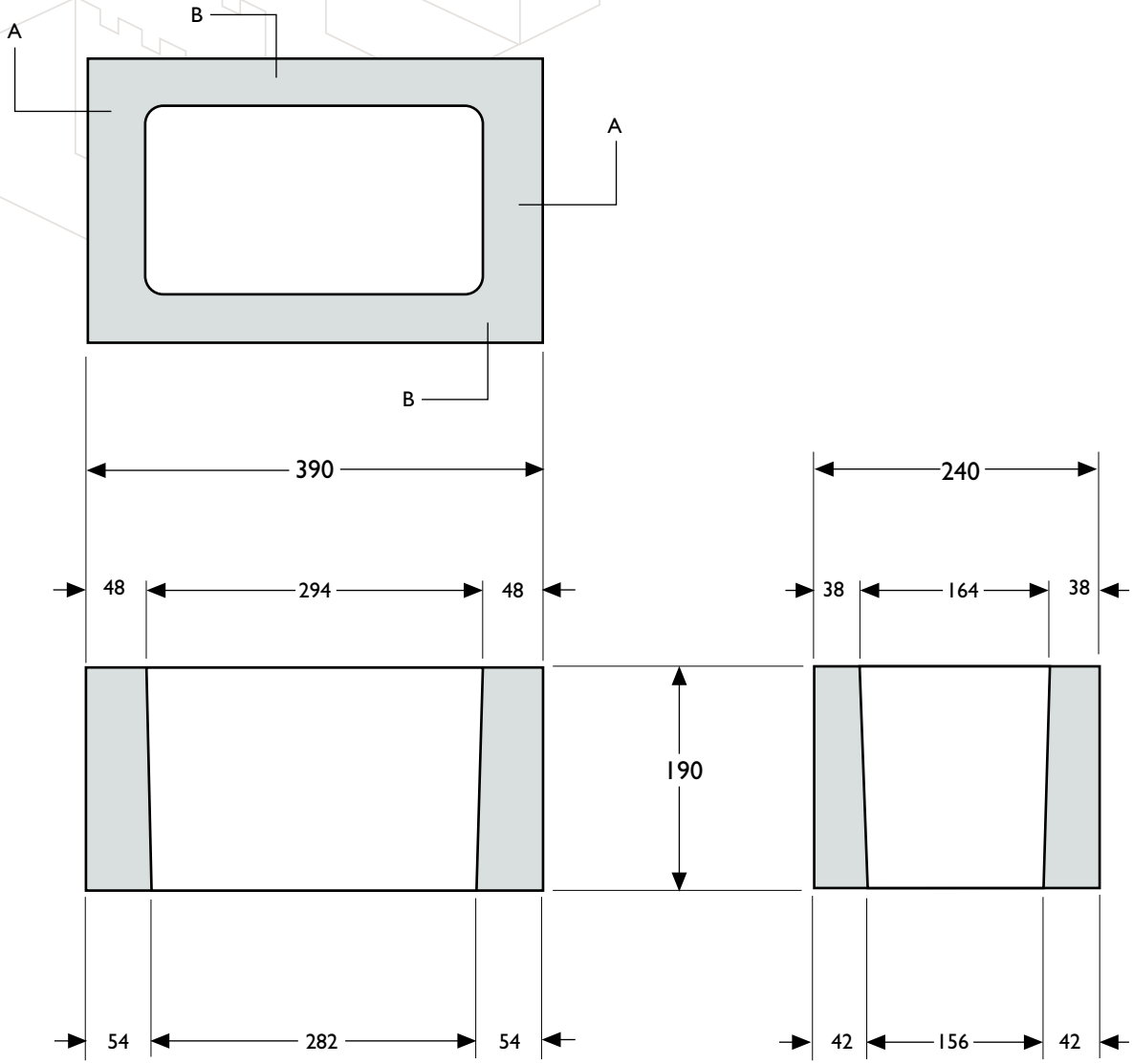
25cm O-Block

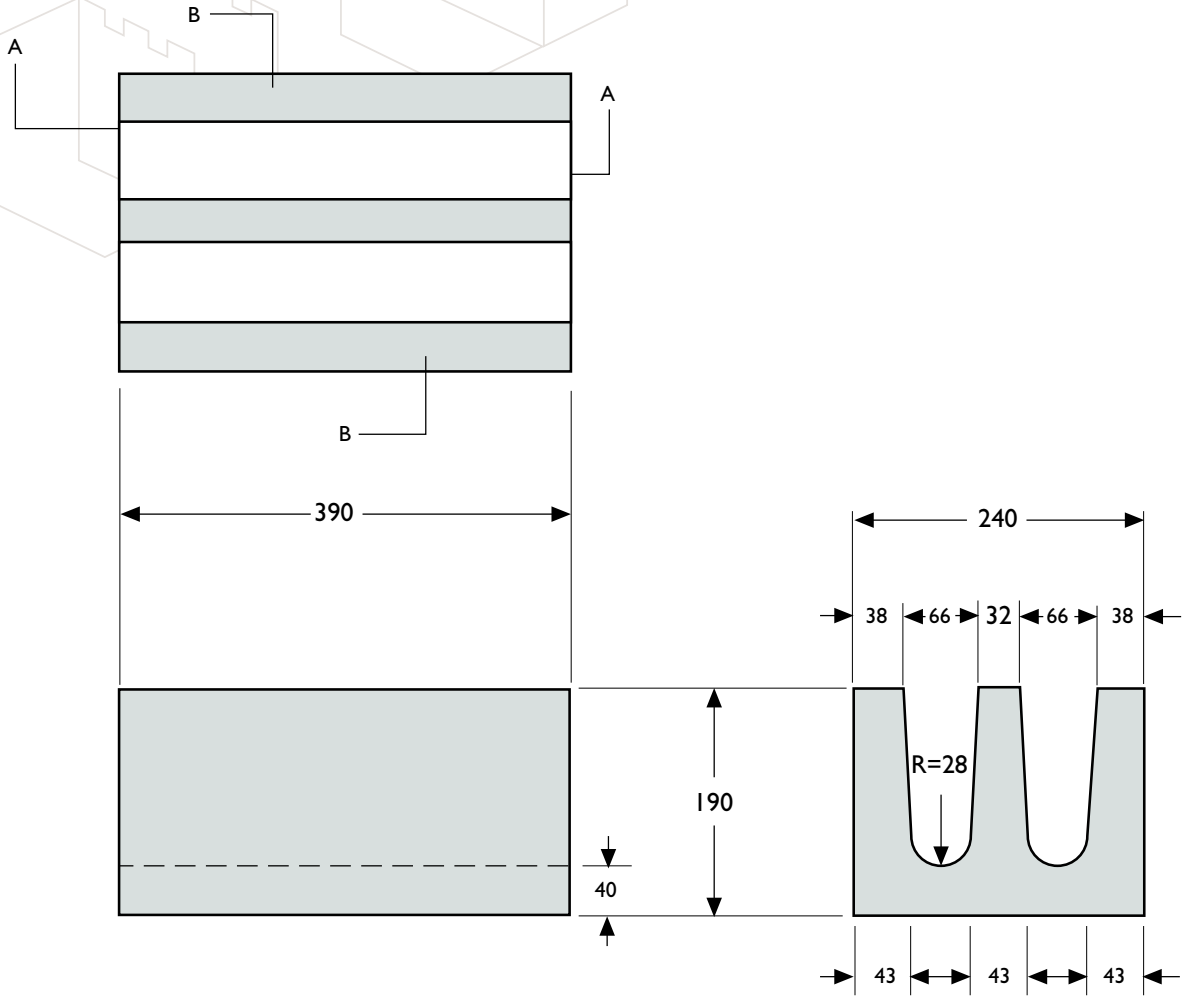


Section A-A

Section B-B

UNIT DATA	
Light Weight	12.6 kg
Normal Weight	18.9 kg
Percent Solid	50.8%
Void Volume (mm^3) x 10^6	8.76
Net Area (mm^2) x 10^4	4.75

25cm Bond Beam

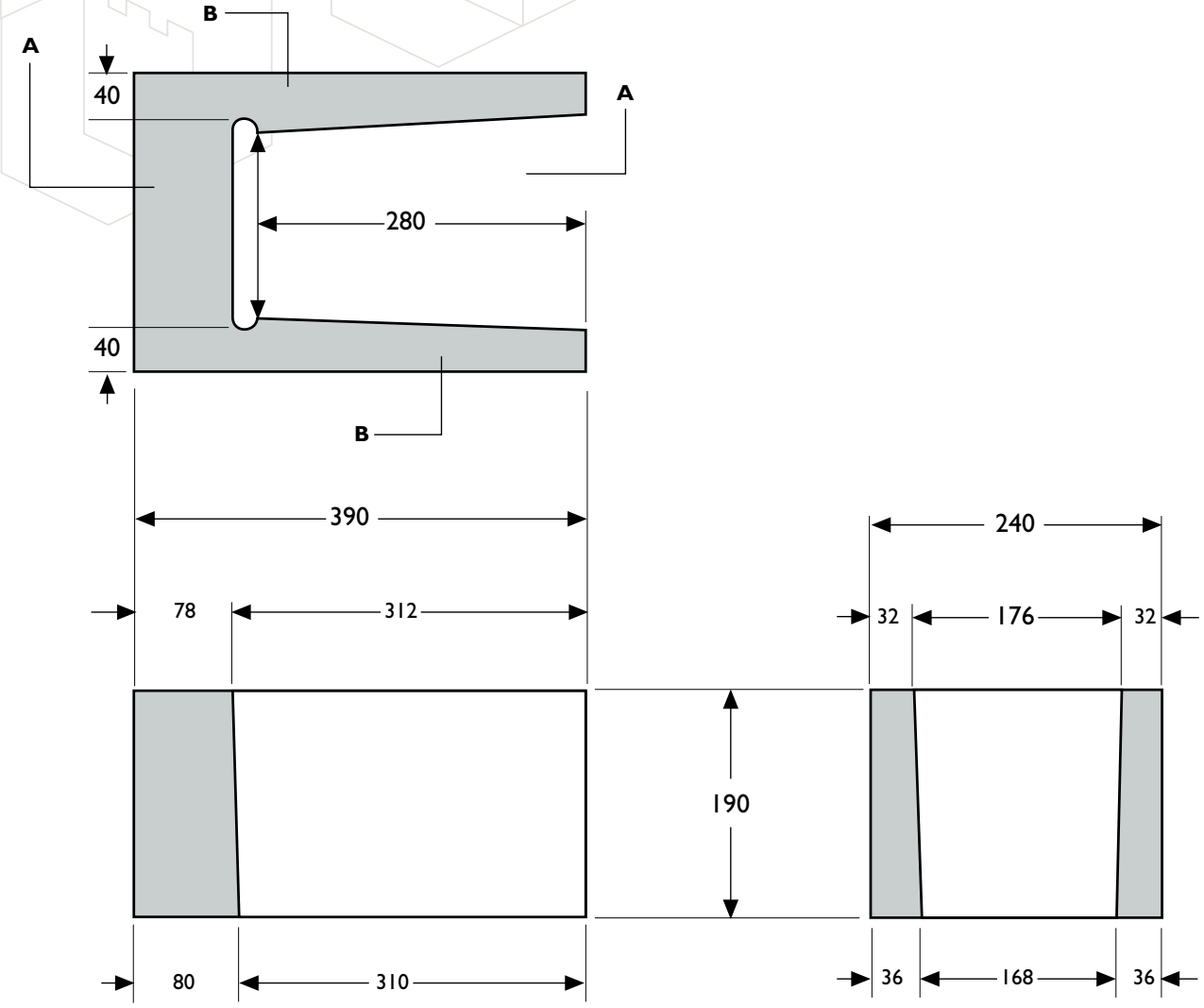


Section A-A

Section B-B

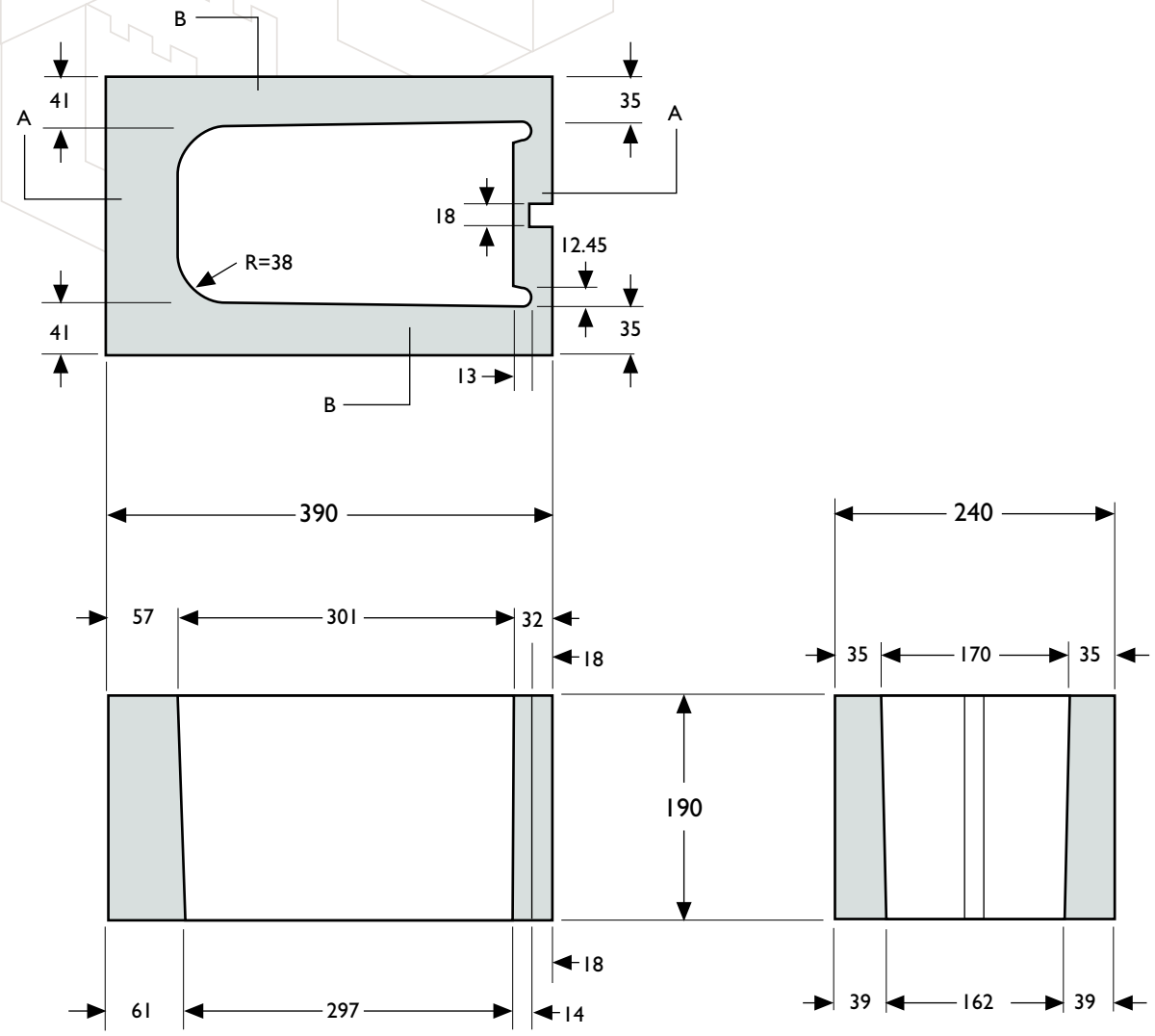
UNIT DATA	
Light Weight	20.8 kg
Normal Weight	24.4 kg
Percent Solid	62%
Void Volume (mm^3) x 10^6	6.77
Net Area (mm^2) x 10^4	5.8

25cm Full Lintel



UNIT DATA	
Light Weight	15.9 kg
Normal Weight	17.7 kg
Percent Solid	45.8%
Void Volume (mm^3) x 10^6	9.65
Net Area (mm^2) x 10^4	4.28

25cm Single Core Lintel



Section A-A

Section B-B

UNIT DATA	
Light Weight	16.5 kg
Normal Weight	20.6 kg
Percent Solid	48.0%
Void Volume (mm^3) x 10^6	8.89
Net Area (mm^2) x 10^4	4.65

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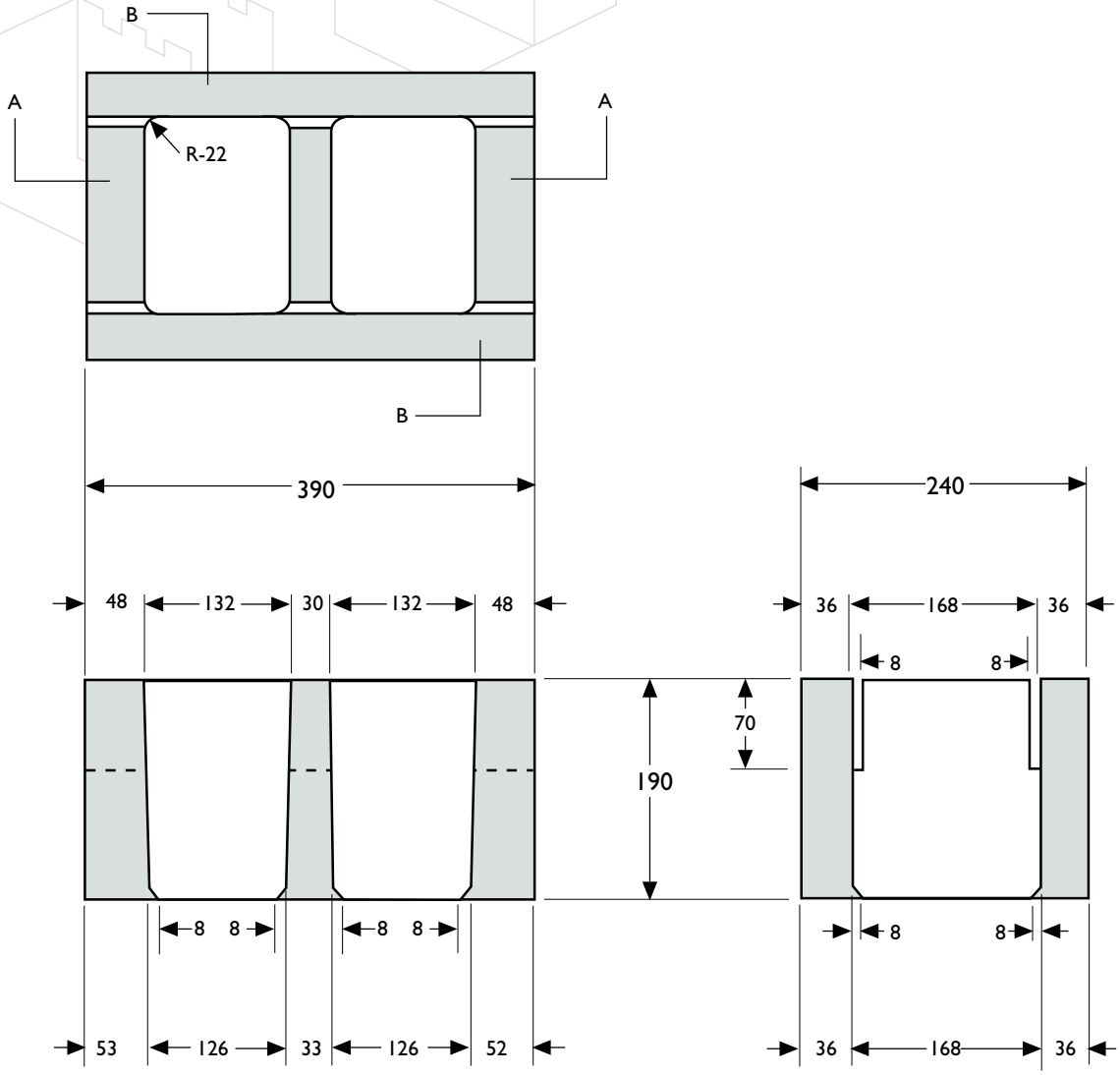
25cm Knock Out Lintel

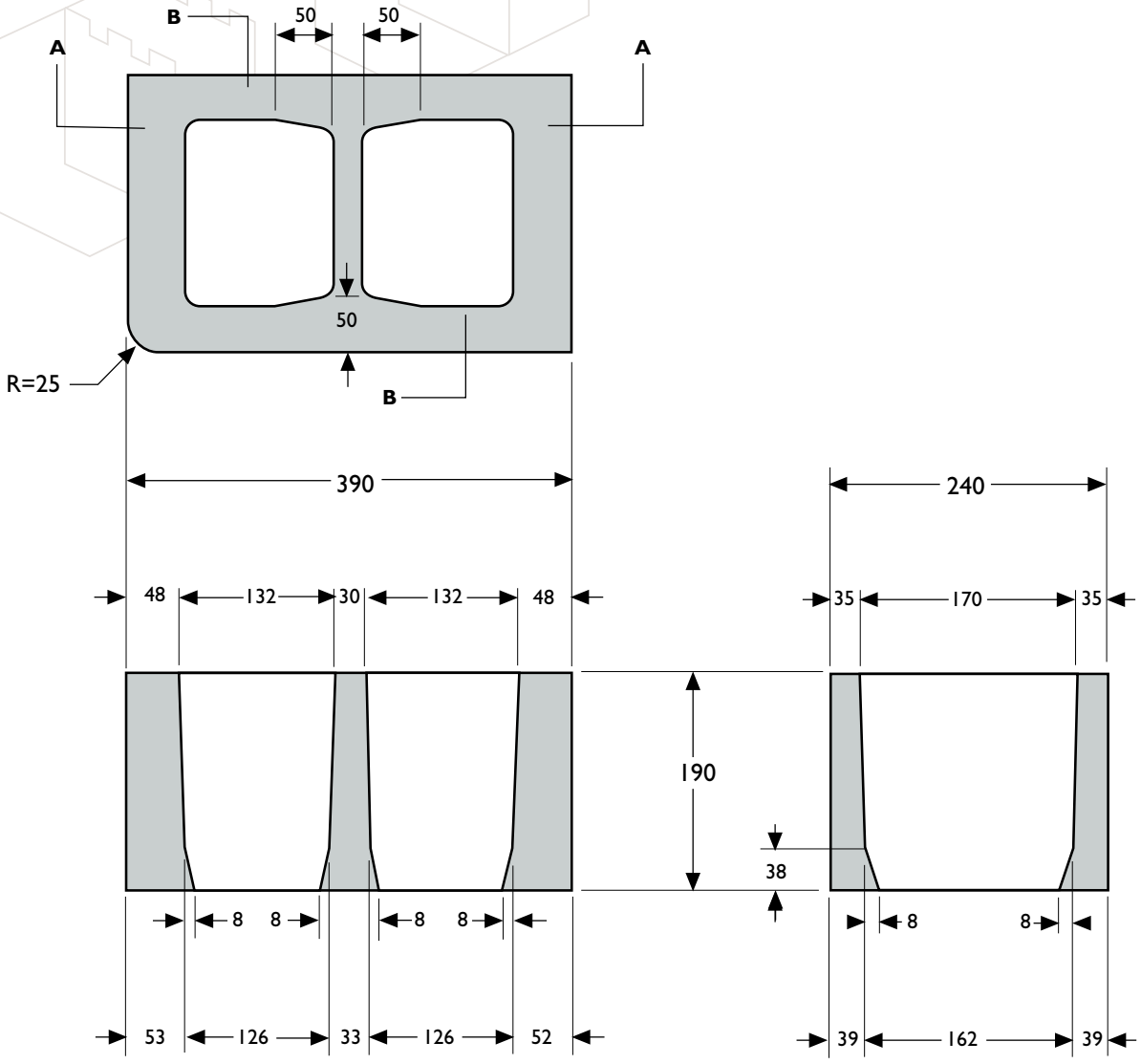


Section A-A

Section B-B

UNIT DATA	
Light Weight	18 kg
Normal Weight	23 kg
Percent Solid	56.0%
Void Volume (mm^3) x 10^6	10
Net Area (mm^2) x 10^4	5.25

25cm Single Bullnose



Section A-A

Section B-B

UNIT DATA	
Light Weight	18.6 kg
Normal Weight	20.6 kg
Percent Solid	57%
Void Volume (mm^3) x 10^6	7.64
Net Area (mm^2) x 10^4	5.33

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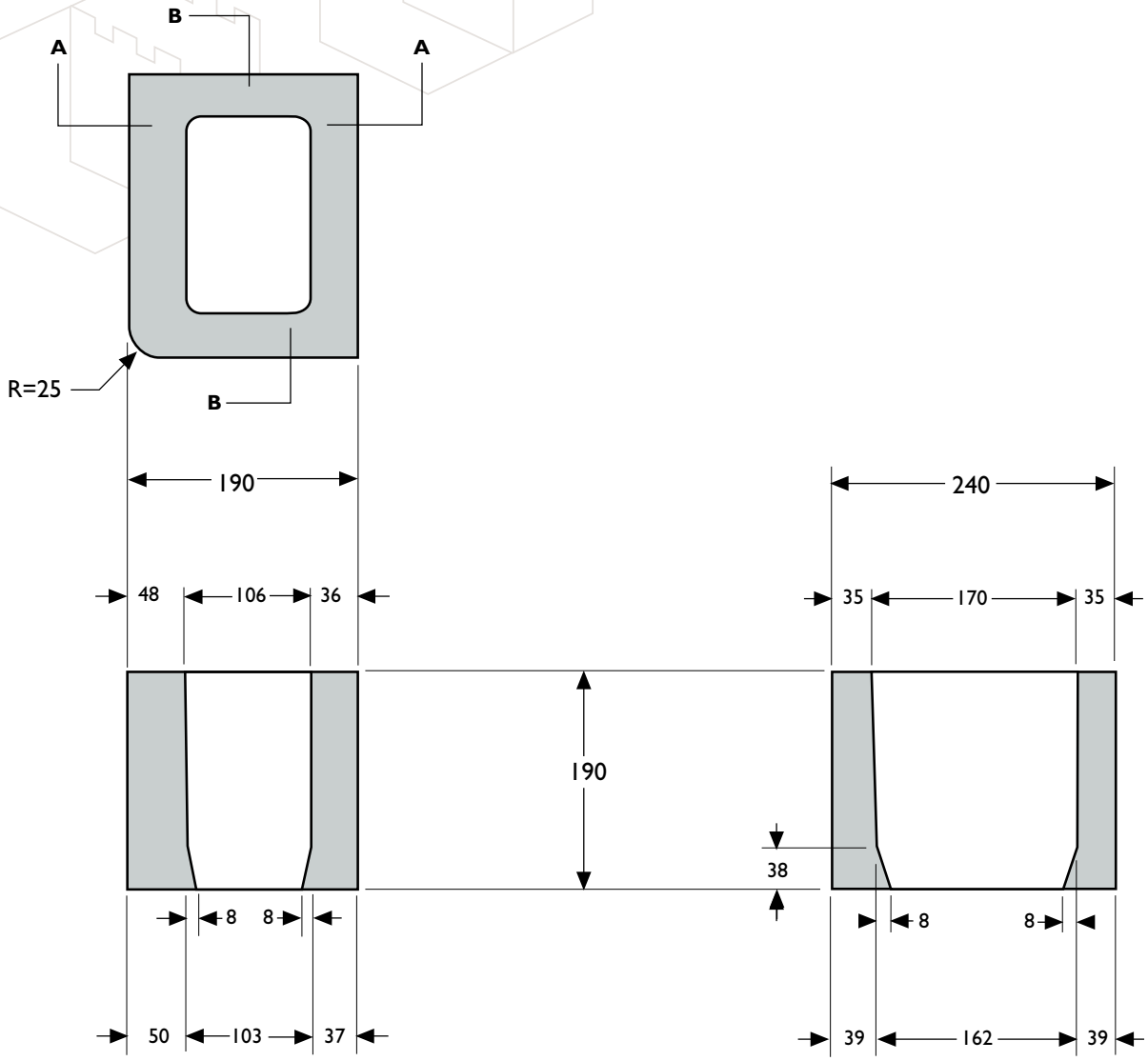
25cm Single Bullnose Half



Section A-A

Section B-B

UNIT DATA	
Light Weight	10.8 kg
Normal Weight	12.1 kg
Percent Solid	63.4%
Void Volume (mm^3) x 10^6	3.16
Net Area (mm^2) x 10^4	2.88

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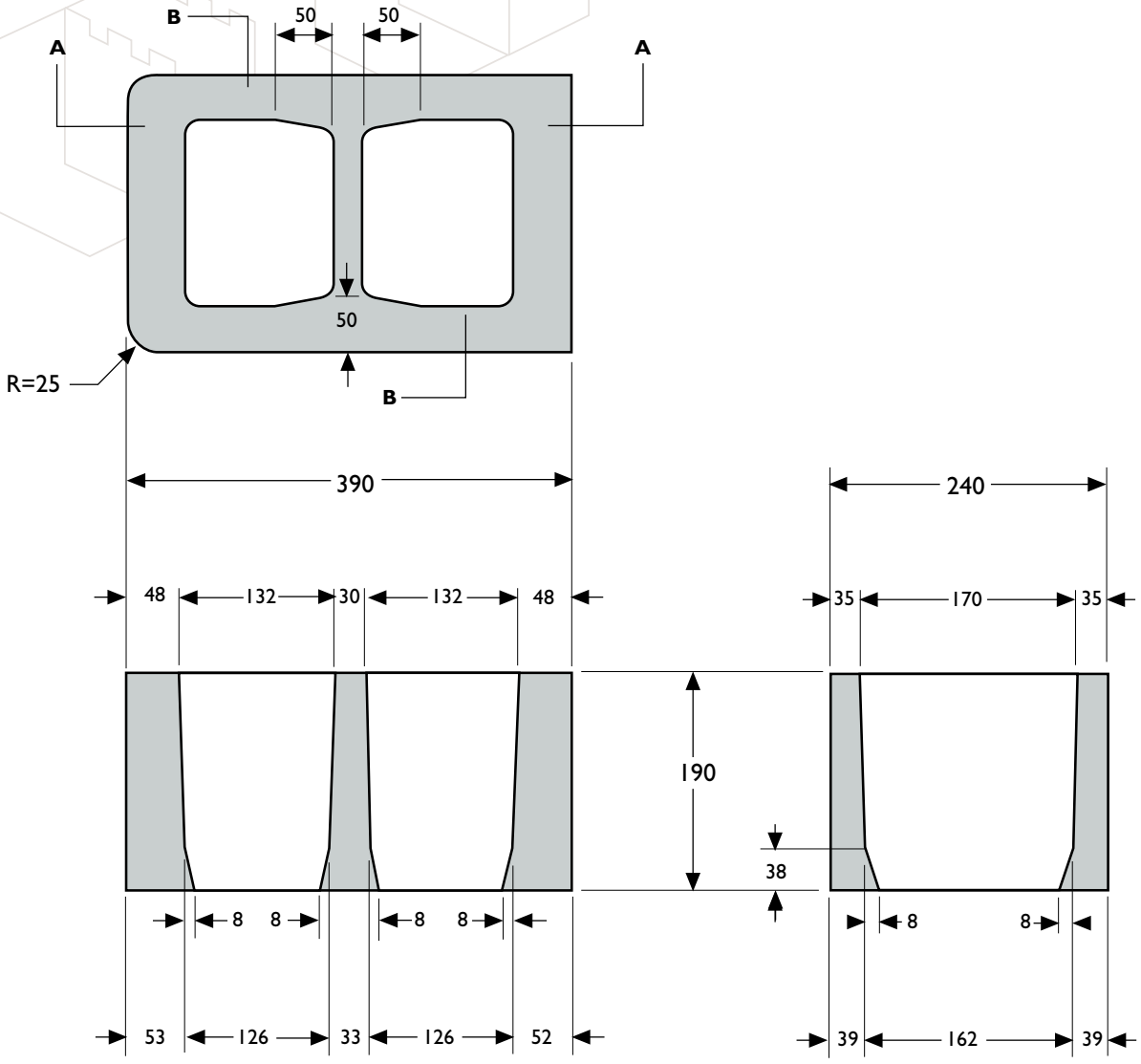
25cm Double Bullnose

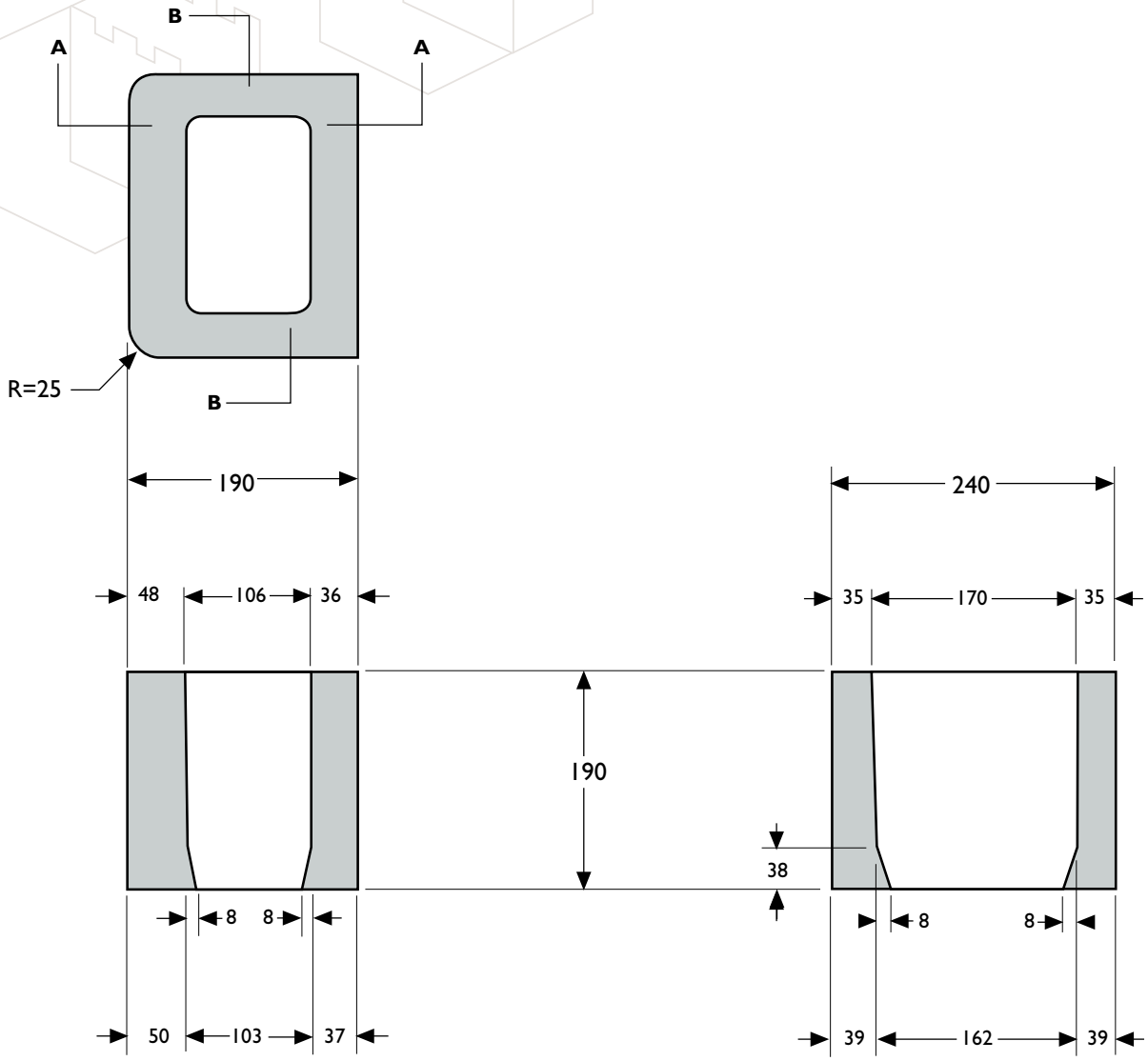


Section A-A

Section B-B

UNIT DATA	
Light Weight	18.3 kg
Normal Weight	21 kg
Percent Solid	54.0%
Void Volume (mm^3) x 10^6	9.5
Net Area (mm^2) x 10^4	6.14

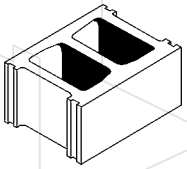
25cm Double Bullnose Half



Section A-A

Section B-B

UNIT DATA	
Light Weight	10.8 kg
Normal Weight	12.1 kg
Percent Solid	63.4%
Void Volume (mm^3) x 10^6	3.16
Net Area (mm^2) x 10^4	2.88



30cm Physical Properties

Actual Dimensions (mm) Width: 290 Height: 190 Length: 390		See Note	STANDARD CONFIGURATION
Available Types	**Standard Metric Configuration**		Hollow
CSA Designation	"Four Facet System"	1	H/15/A,C/O,M
Dimensions (mm)	Minimum Face Shell Thickness Minimum Web Thickness Equivalent Thickness		35 28 145
Area (mm^2)	Gross Area (mm^2) x 10^4 Net Area (mm^2) x 10^4 Core Area (mm^2) x 10^3		11.34 5.67 2.84
Volume (mm^3)	Gross Volume (mm^3) x 10^6 Net Volume (mm^3) x 10^6 Void Volume (mm^3) x 10^6		21.488 10.744 10.744
Percent Solid (%)	Net Volume/Gross Volume		50.0%
Typical Unit Mass (kg)	Normal Weight Light Weight		26.2 21.8
Typical Unit Mass (kg/m^2) **(with mortar)**	Normal Weight Light Weight		311 244
Minimum Compressive Strength (Average of 3 Units (Mpa)	Based on Net Area	9	15.0
Fire Performance Rating (hours)	Normal Weight Light Weight		3.2 4+
Sound Properties Sound Transmission Class (STC)	Normal Weight Light Weight	11	53 50
Thermal Properties RSI Factors (m^2degC/W)	Normal Weight Light Weight	12	0.24 .28
Moment of Inertia (mm^4)	Per Block I Per Metre Im		334.9 x 10^6 858.8 x 10^6
Section Modulus (mm^3)	Per Block S Per Block Sm		2.791 x 10^6 7.156 x 10^6

Important Classification Note
All **Light Weight** is classified as **C**
All **Normal Weight** is classified as **A**

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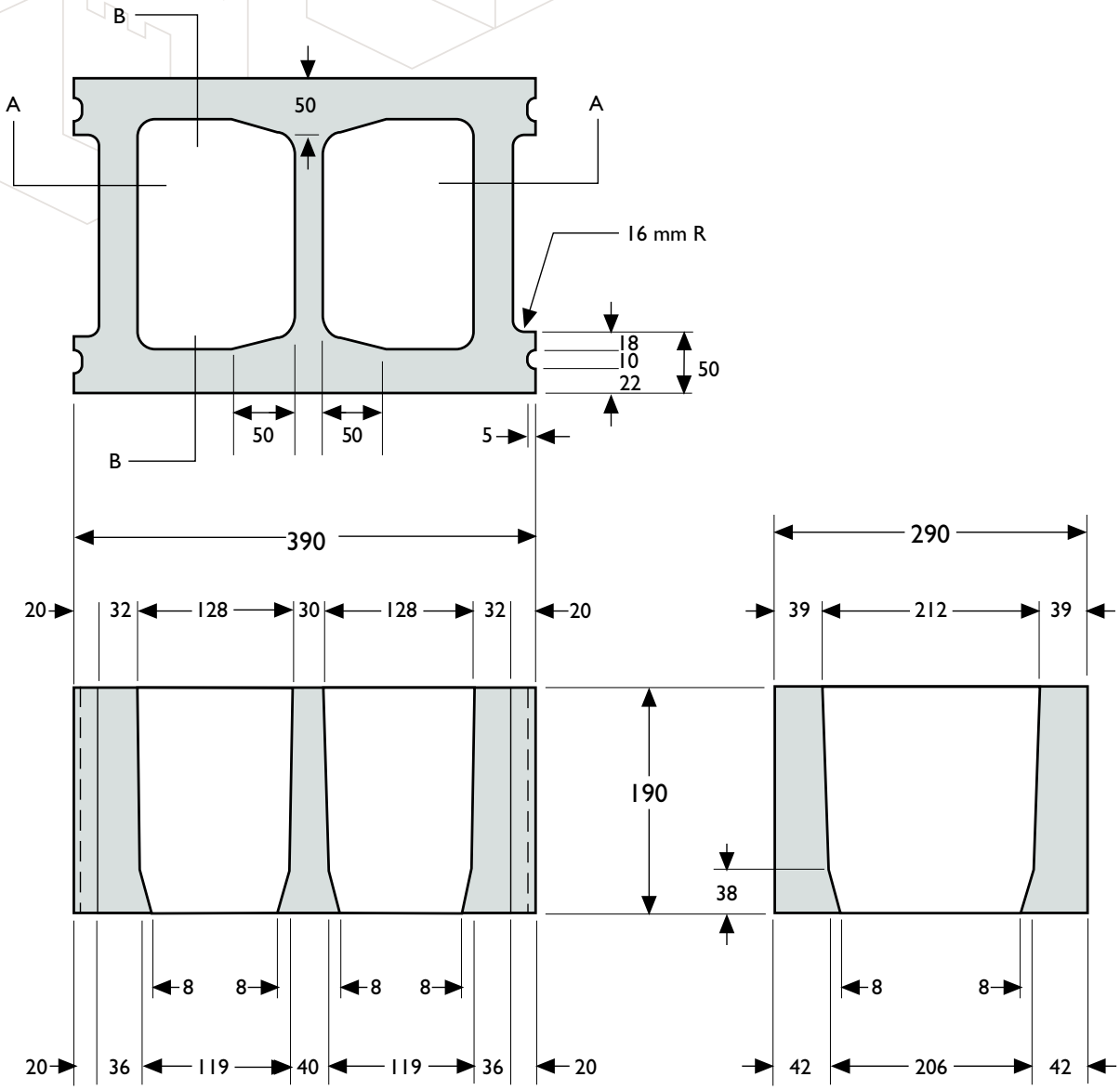
30cm Standard

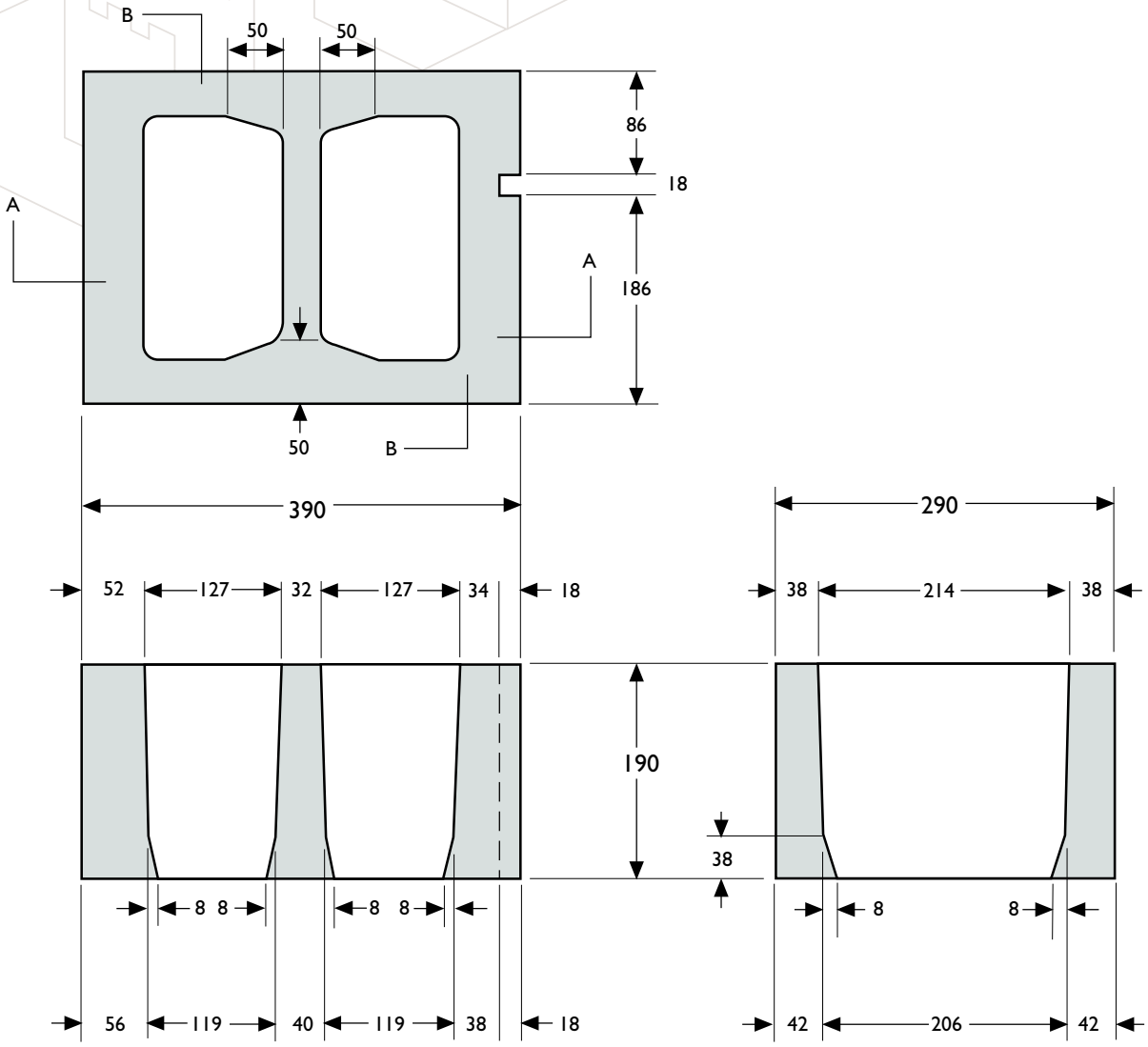


Section A-A

Section B-B

UNIT DATA	
Light Weight	21.8 kg
Normal Weight	26.2 kg
Percent Solid	50%
Void Volume (mm^3) x 10^6	10.744
Net Area (mm^2) x 10^4	5.67

30cm Square End

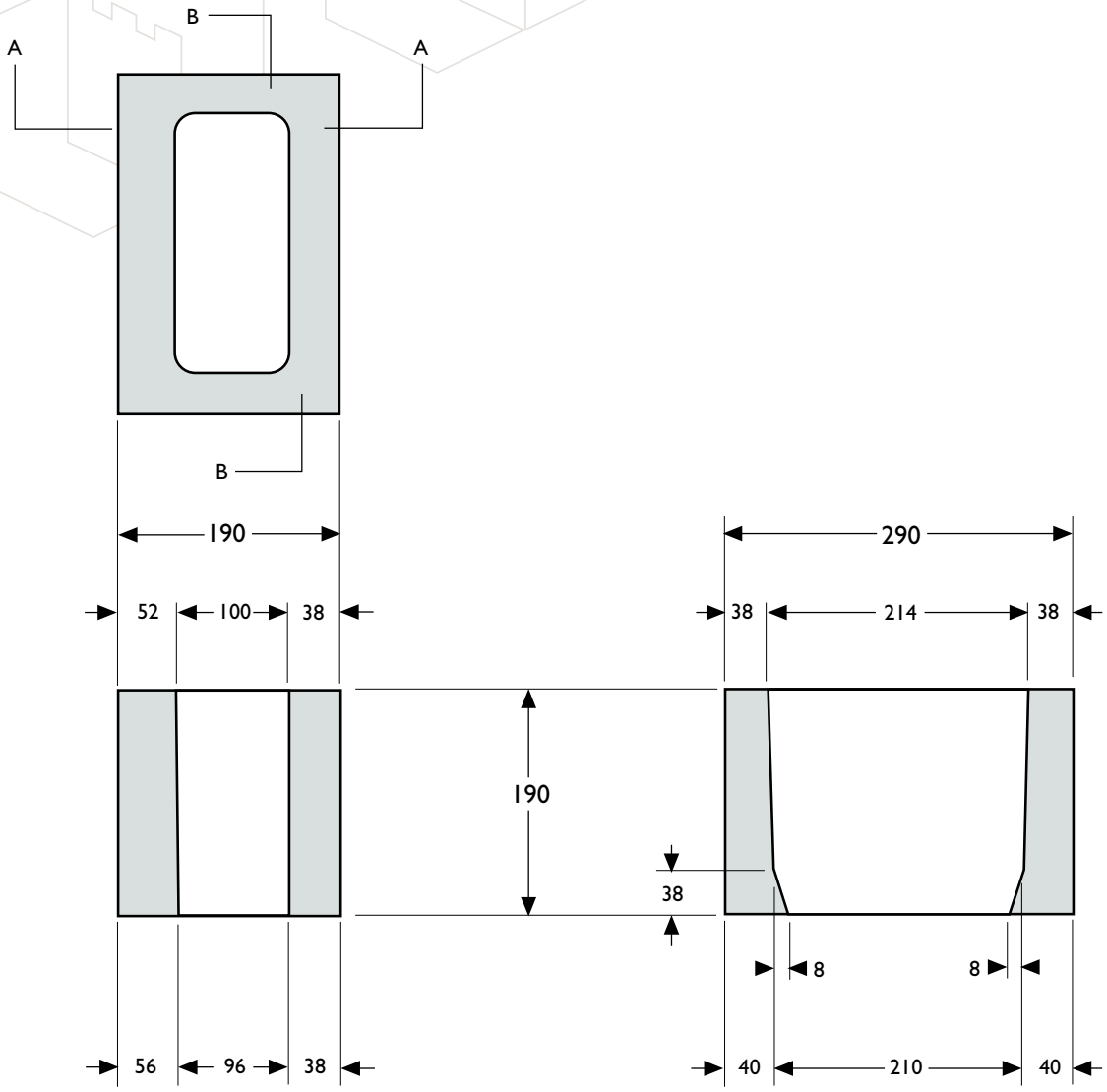


Section A-A

Section B-B

UNIT DATA	
Light Weight	22.5 kg
Normal Weight	26.2 kg
Percent Solid	50%
Void Volume (mm^3) x 10^6	9.26
Net Area (mm^2) x 10^4	5.37

30cm Half

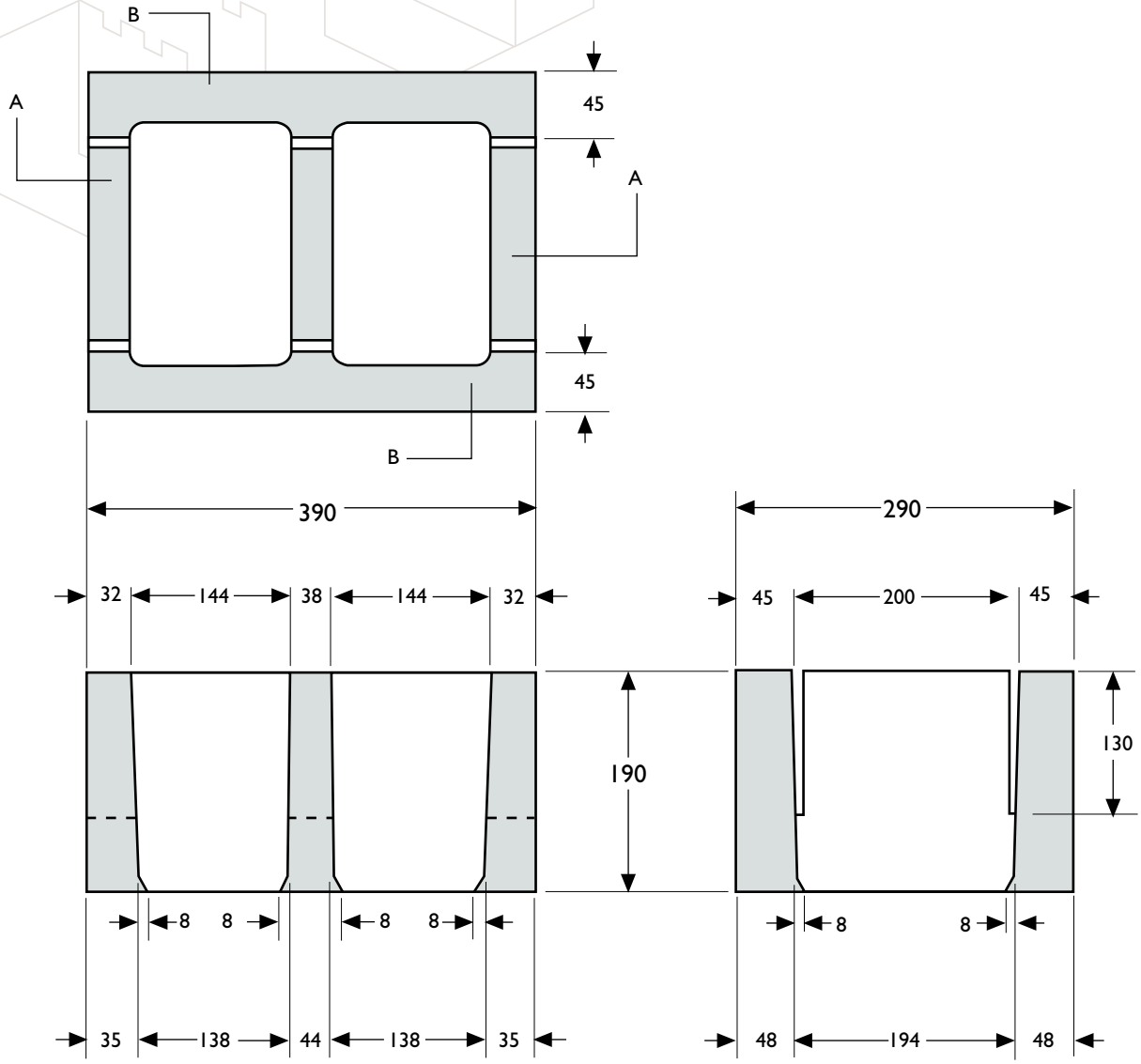


Section A-A

Section B-B

UNIT DATA	
Light Weight	12 kg
Normal Weight	15.6 kg
Percent Solid	65%
Void Volume (mm^3) x 10^6	3.56
Net Area (mm^2) x 10^4	3.6

30cm Knock Out Bond Beam



Section A-A

Section B-B

UNIT DATA	
Light Weight	22 kg
Normal Weight	26.2 kg
Percent Solid	47%
Void Volume (mm^3) x 10^6	11.4
Net Area (mm^2) x 10^4	5.29

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