2017 List of Asphalt Eligible Tyres

MICHELIN — Page 2

DMACK Tyres — Page 12

PIRELLI — Page 24

YOKOHAMA — Page 30

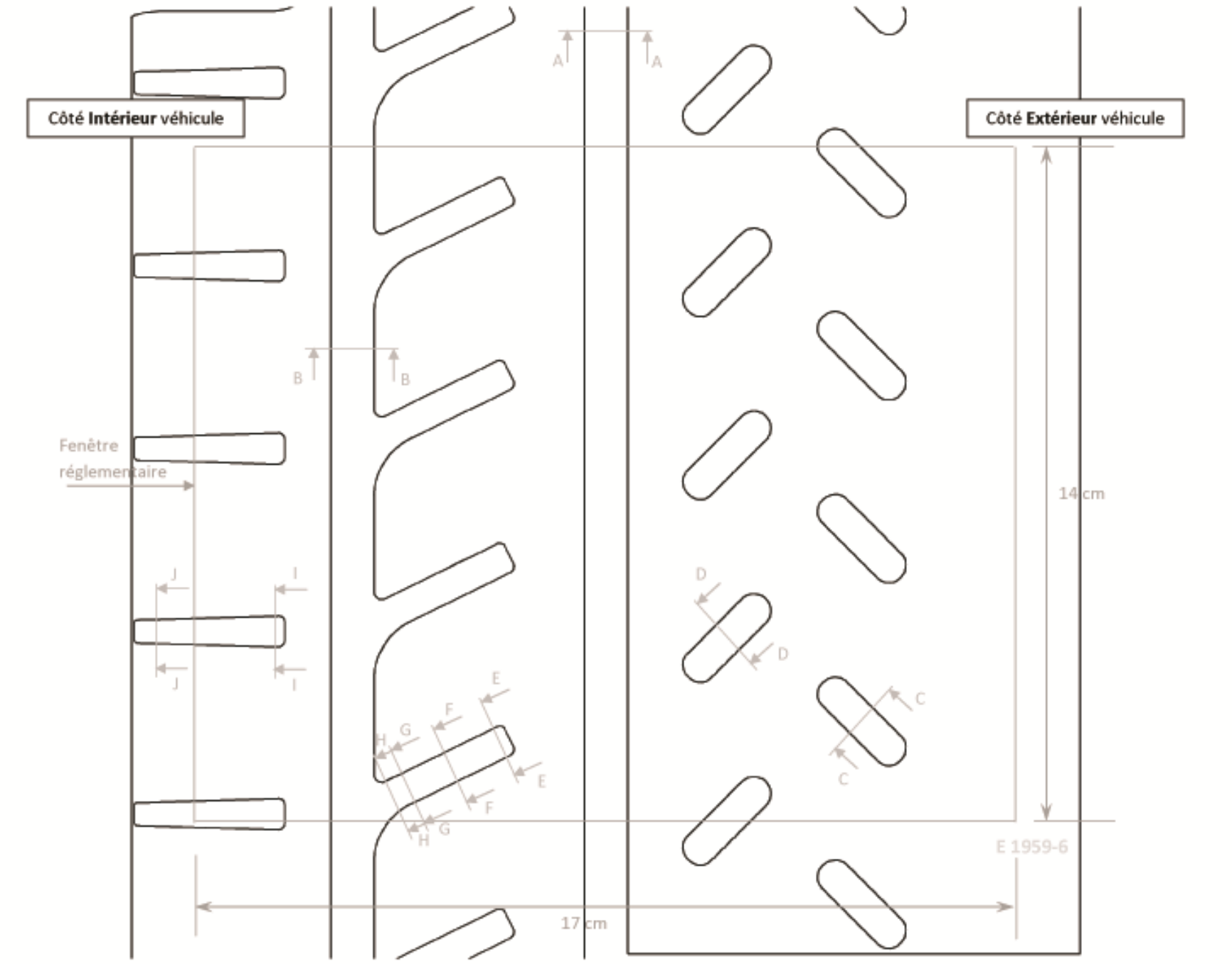
HANKOOK — Page 34

KUMHO TYRE — Page 38

18" - 20/65-18

Domaine : **Rallye Asphalte**
Dimension : **20 / 65 – 18**
Plan de la sculpture : **Pilot Sport R**
Entaillement Surfacique dans fenêtre règlementaire : **21,51 %**

Clermont-Ferrand le 05/12/2013

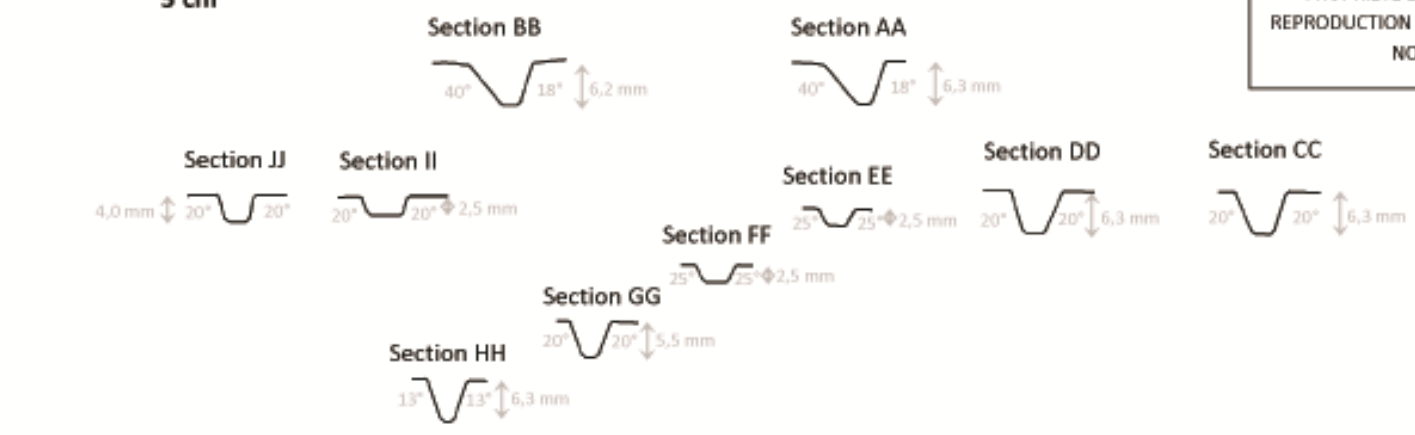


Echelle 1:1

5 cm

MANUFACTURE FRANCAISE DES PNEUMATIQUES MICHELIN CLERMONT-FERRAND

PROPRIETE EXCLUSIVE DE NOTRE SOCIETE REPRODUCTION OU UTILISATION INTERDITE SANS NOTRE ACCORD ECRIT

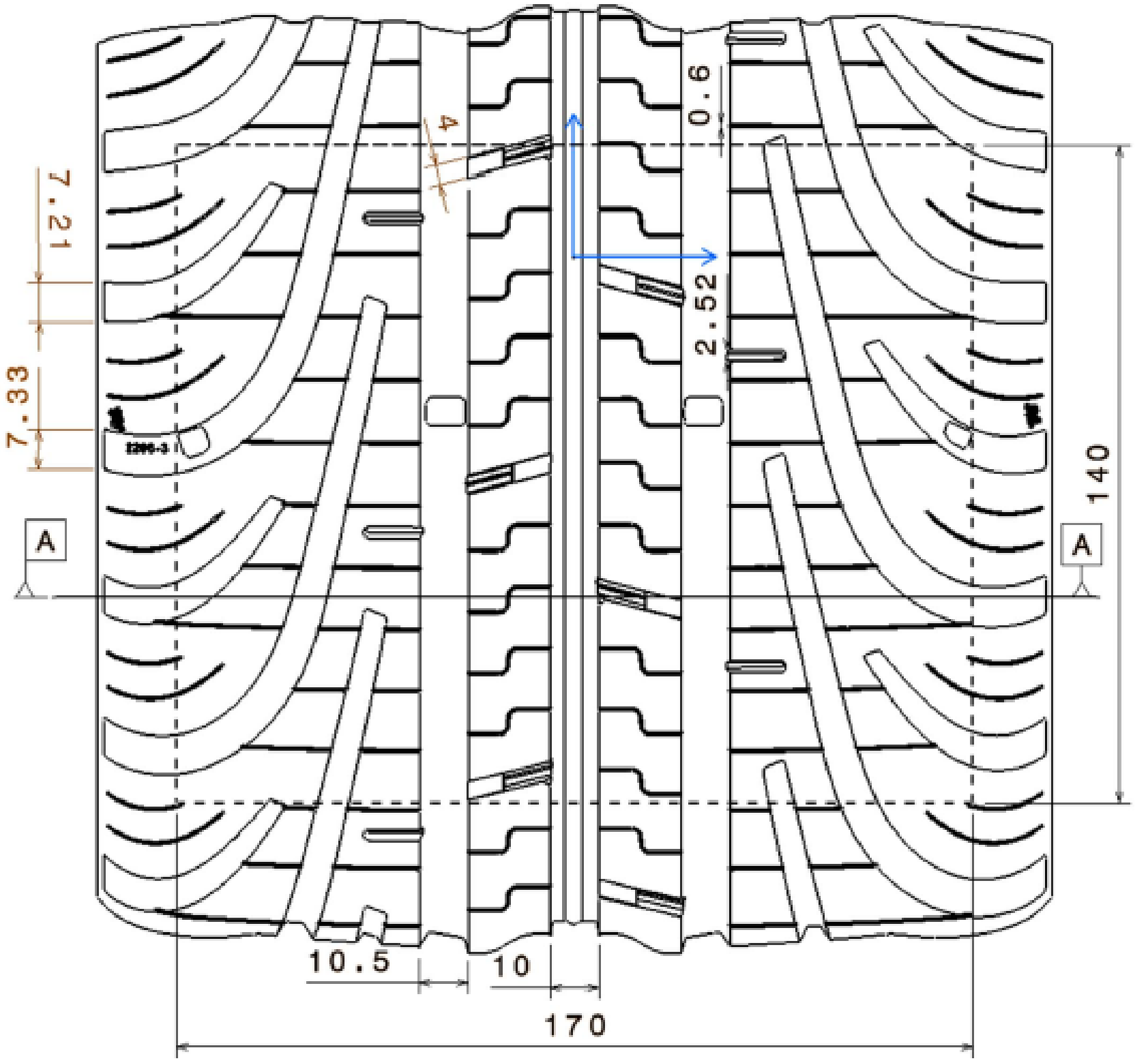


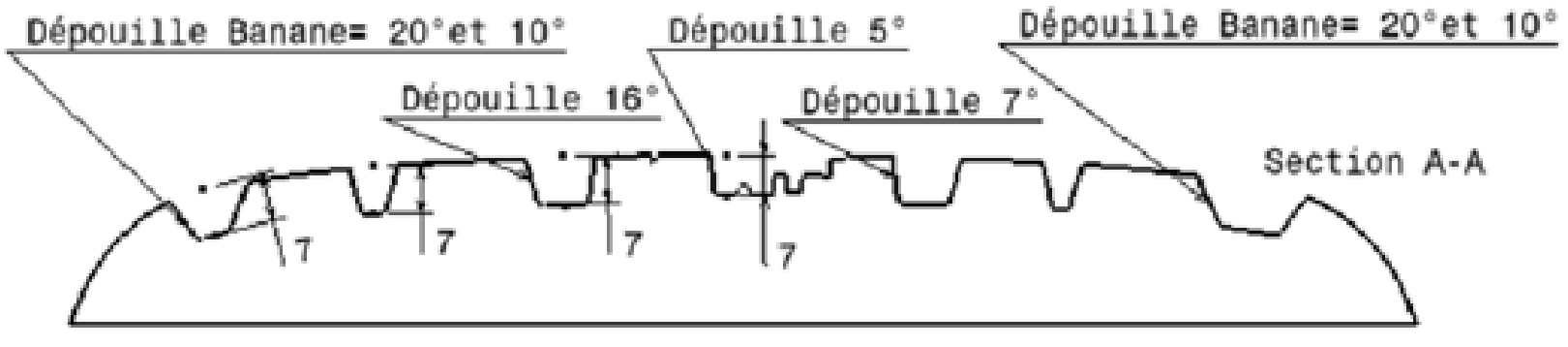
18" - 18/65-18

Clermont-Ferrand le : 15/12/2016
Domaine : **Rallye Asphalte WRC Wet**
Dimension : **18 / 65 – 18**
Plan de la sculpture : Pilot Sport FW3
Entaillement Surfacique sur entaille ≥5,5mm de profondeur : 27.5%

MANUFACTURE FRANCAISE DES PNEUMATIQUES
MICHELIN CLERMONT-FERRAND

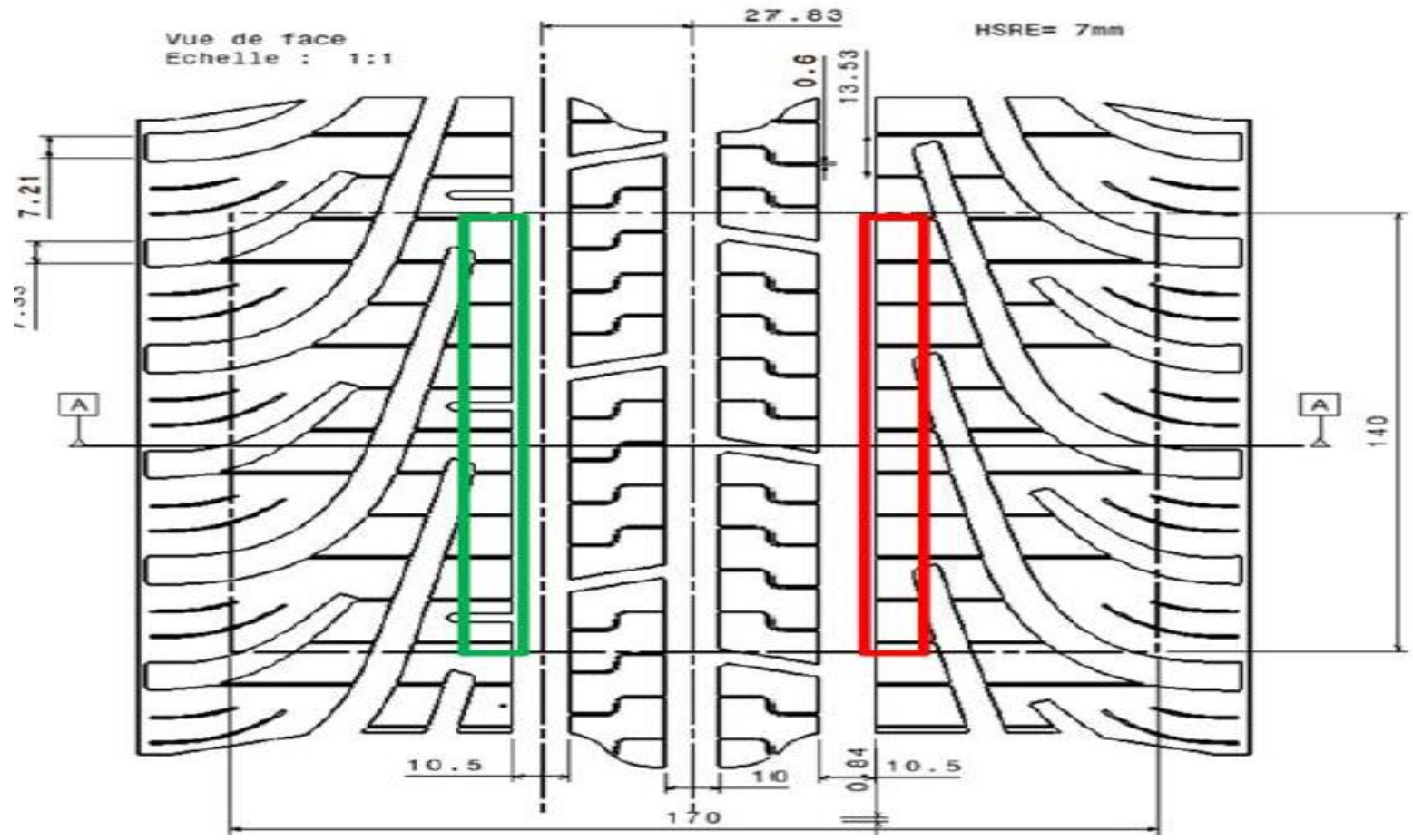
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE
REPRODUCTION OU UTILISATION INTERDITE SANS
NOTRE ACCORD ECRIT

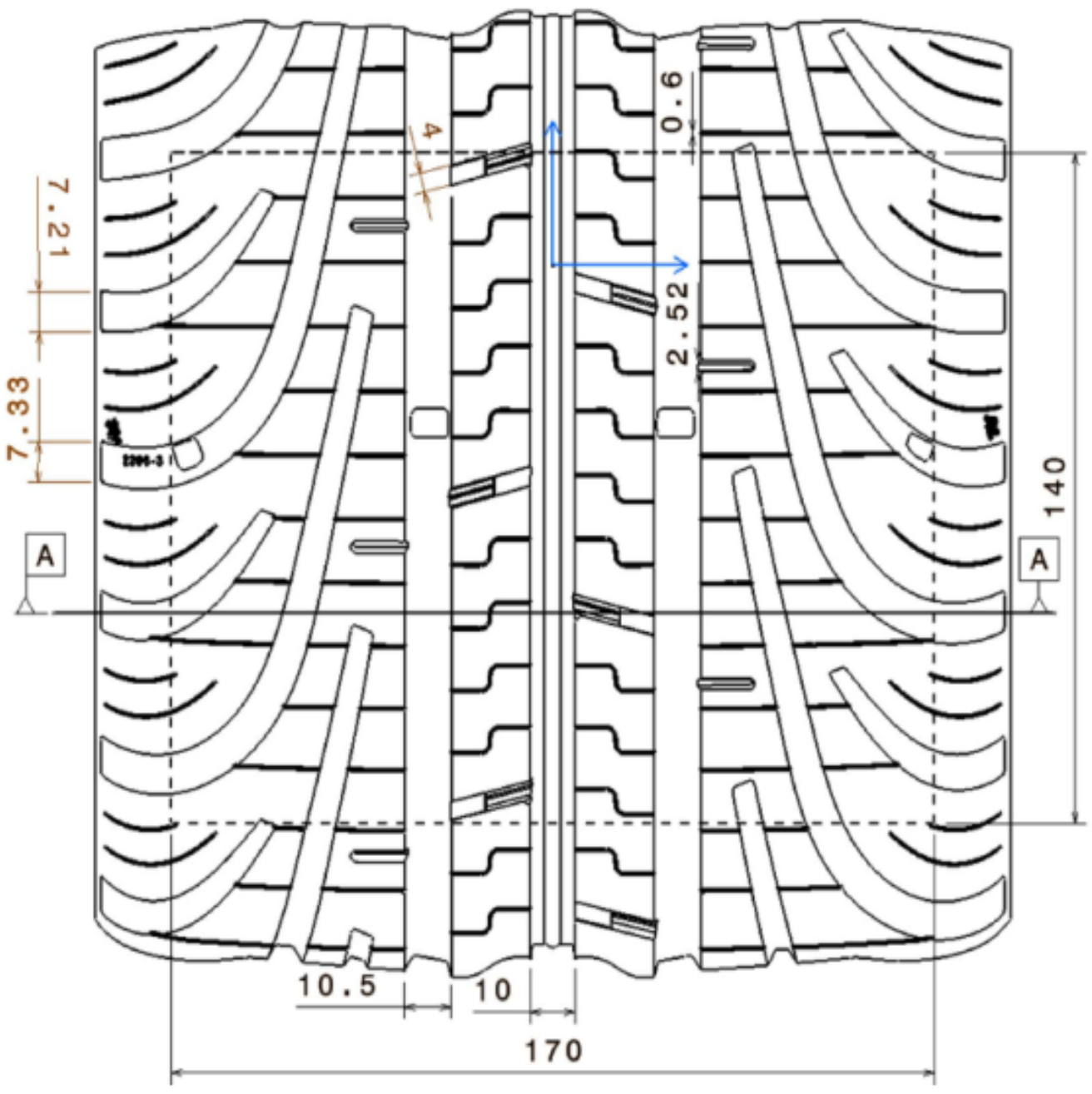




18" - 18/65-18

Valid until 31.12.2017

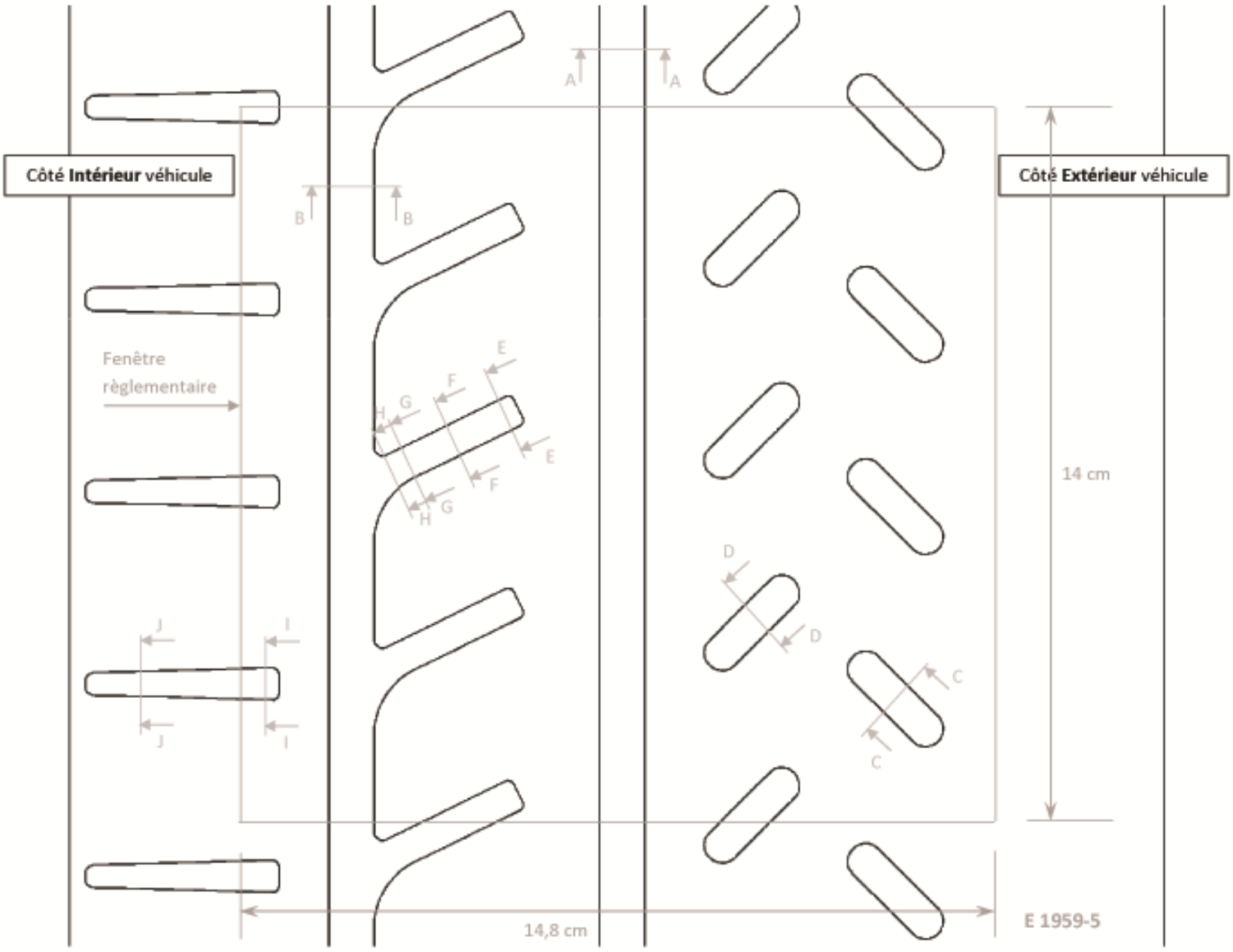


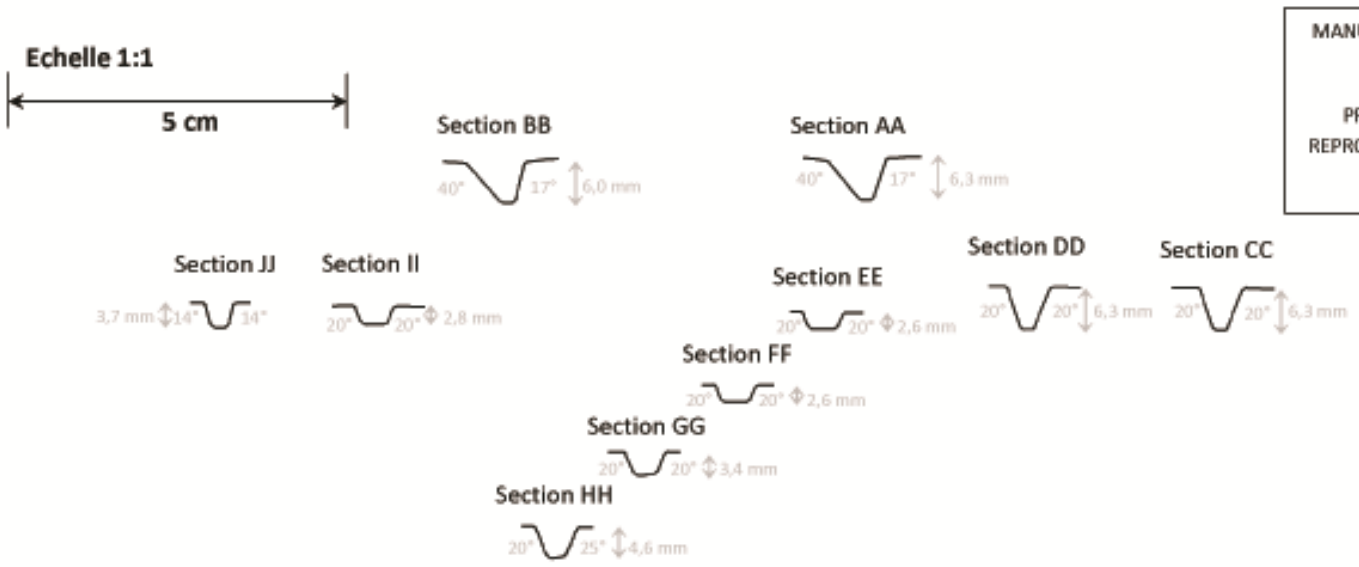


17"- 19/63-17

Domaine : Rallye Asphalte
Dimension : **19 / 63 – 17**
Plan de la sculpture : **Pilot Sport R**
Entaillement surfacique sur fenêtre réglementaire : **21,51 %**

Clermont-Ferrand le 05/12/2013





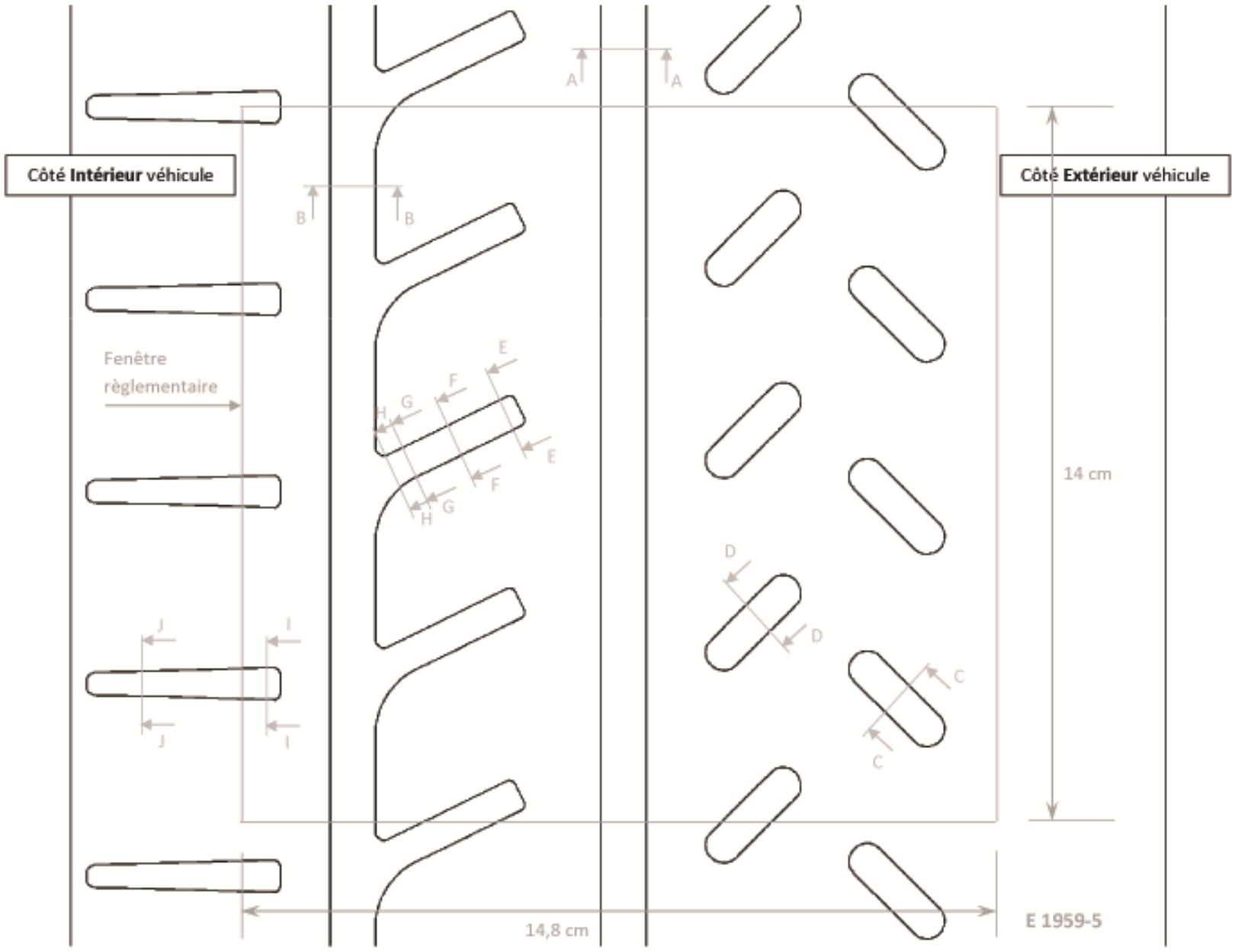
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MICHELIN CLERMONT-FERRAND

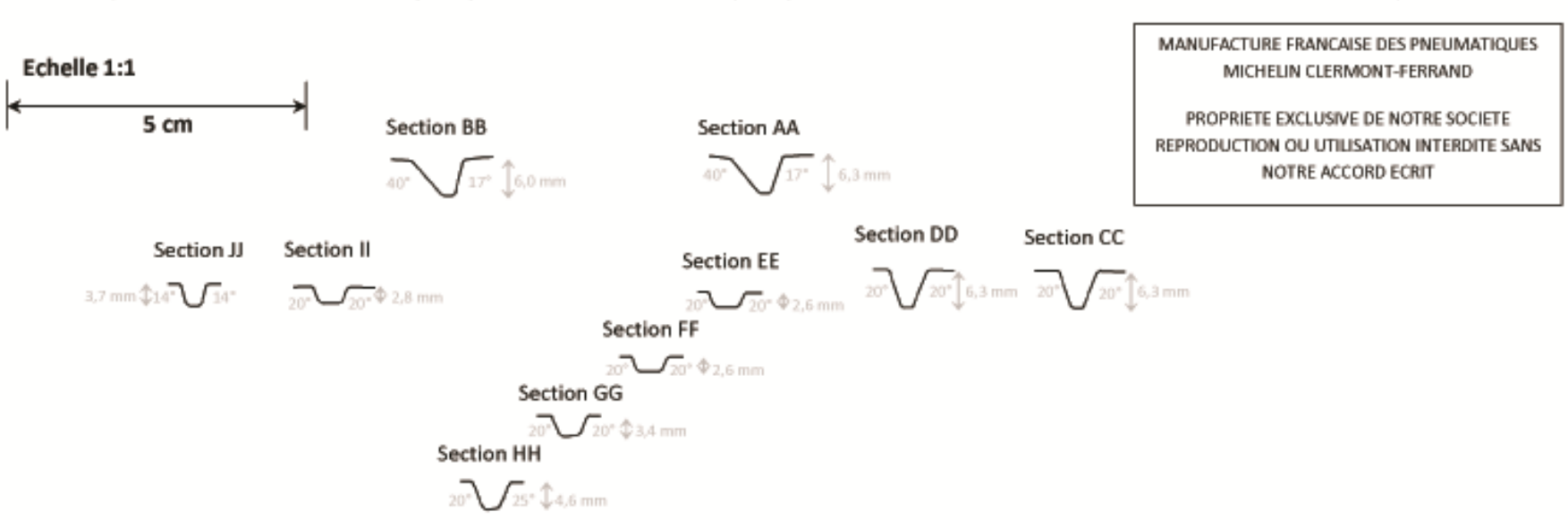
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE
REPRODUCTION OU UTILISATION INTERDITE SANS
NOTRE ACCORD ECRIT

16" – 19/60-16

Domaine : Rallye Asphalte
Dimension : **19 / 60 – 16**
Plan de la sculpture : **Pilot Sport R**
Entaillement surfacique sur fenêtre réglementaire : **21,51 %**

Clermont-Ferrand le 05/12/2013





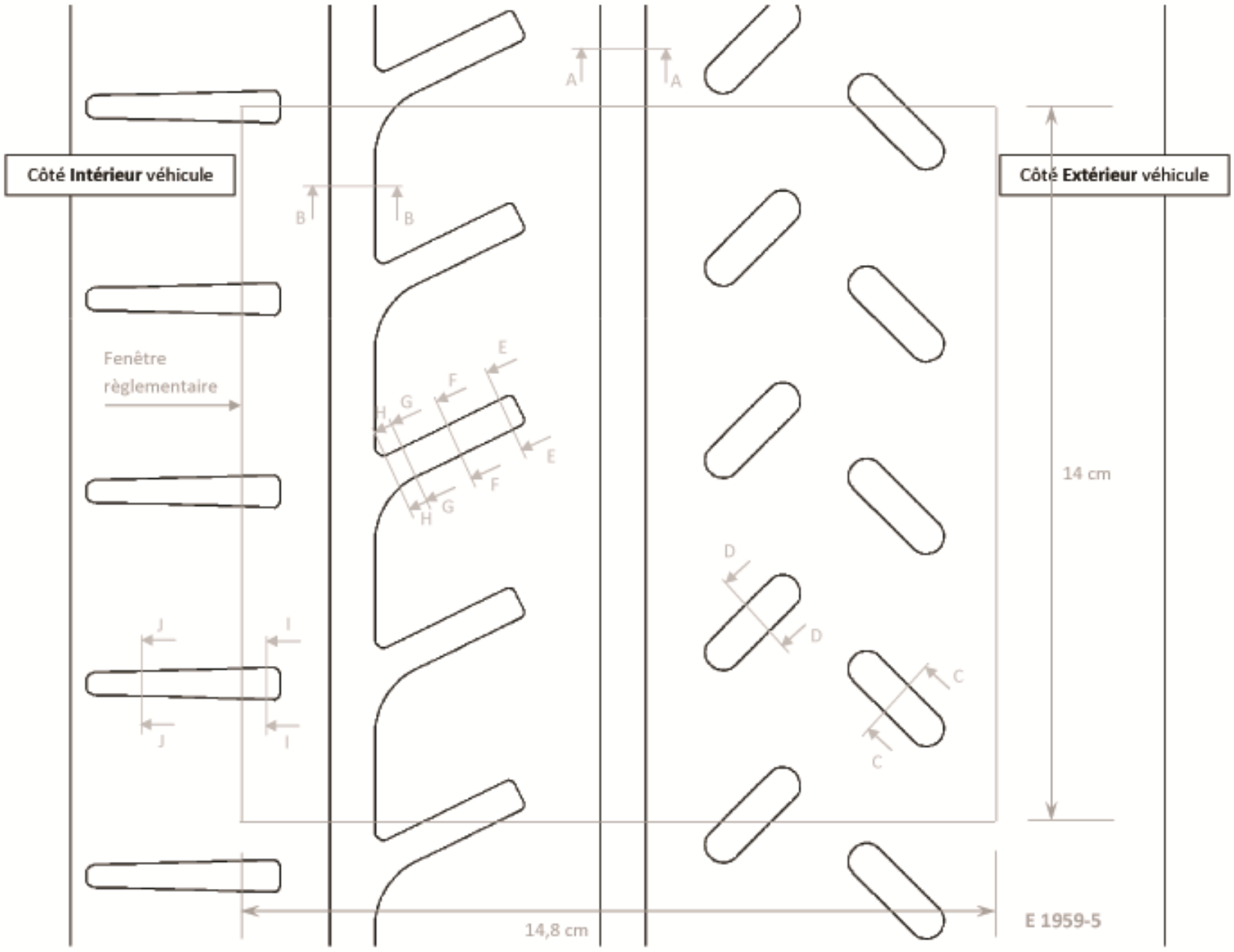
MANUFACTURE FRANCAISE DES PNEUMATIQUES MICHELIN CLERMONT-FERRAND

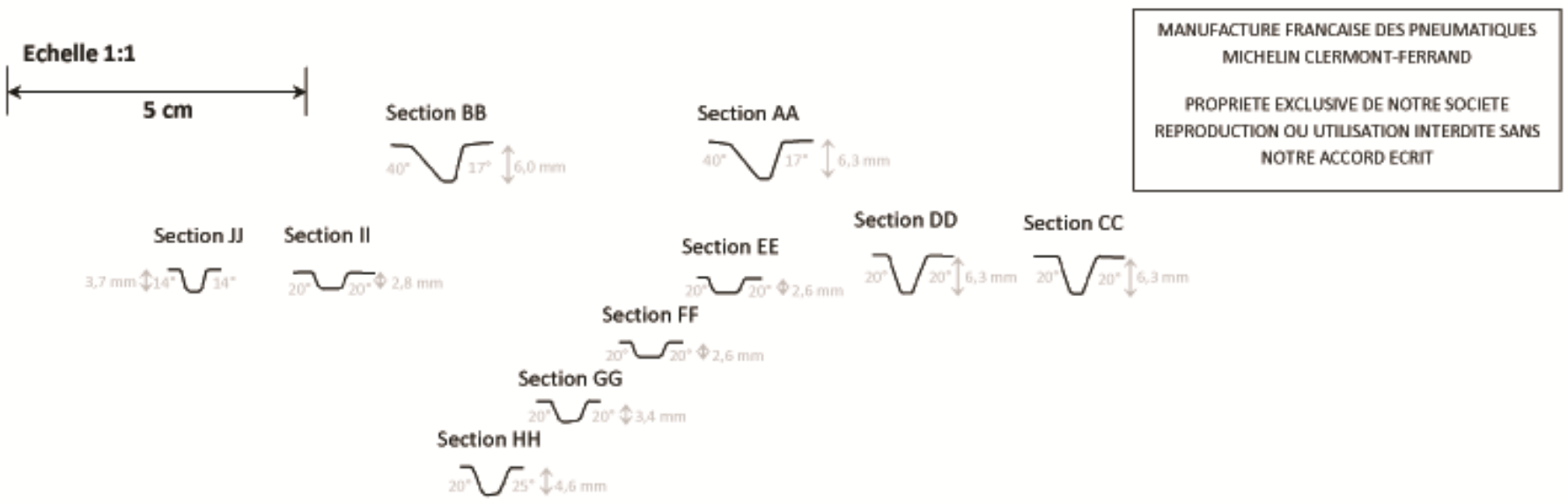
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE REPRODUCTION OU UTILISATION INTERDITE SANS NOTRE ACCORD ECRIT

15" – 19/58-15

Domaine : Rallye Asphalte
Dimension : **19 / 58 – 15**
Plan de la sculpture : **Pilot Sport R**
Entaillement surfacique sur fenêtre réglementaire : **21,51 %**

Clermont-Ferrand le 05/12/2013



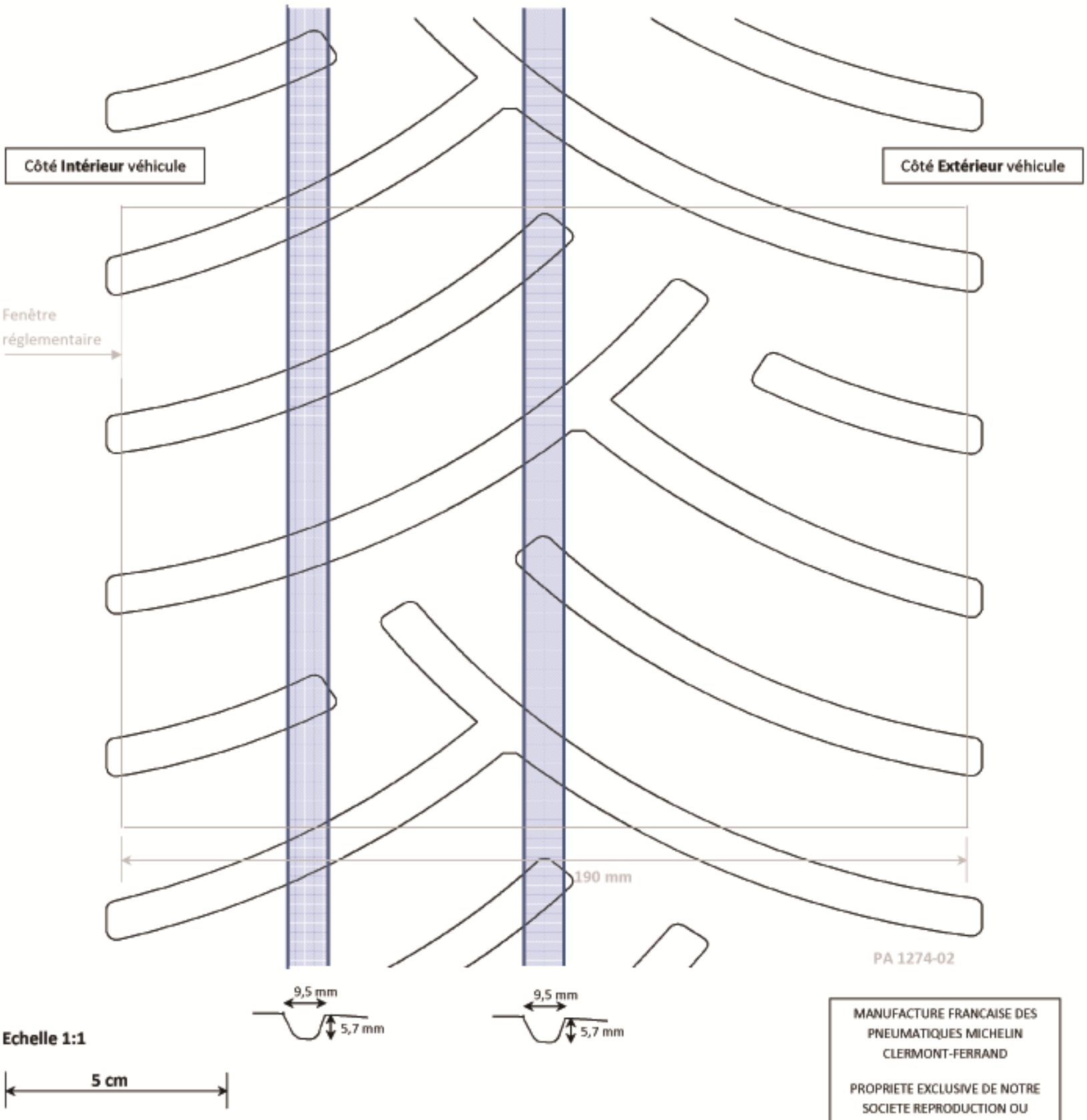


RGT only – 24/65-18

Domaine : **Rallye Asphalte**
Dimension : **24 / 65 - 18**
Entaillement surfacique sur une fenêtre de 190 mm de large : 32,8 %

Clermont-Ferrand le 18/12/2013

Pneu Avant Droit



MANUFACTURE FRANCAISE DES PNEUMATIQUES MICHELIN CLERMONT-FERRAND

PROPRIETE EXCLUSIVE DE NOTRE SOCIETE REPRODUCTION OU UTILISATION INTERDITE SANS NOTRE ACCORD ECRIT

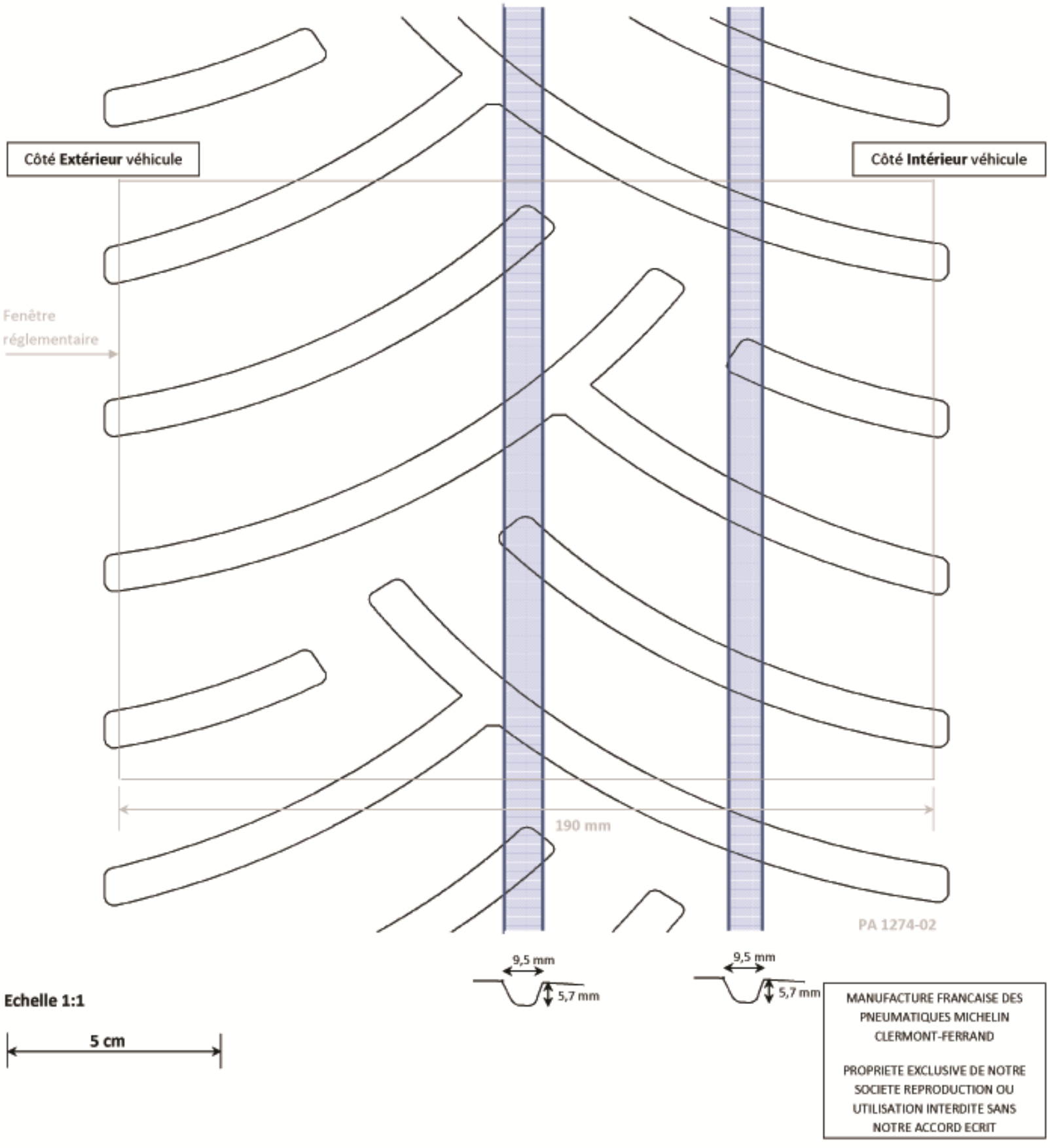
Circonferential groves are hand-cutted.

RGT only – 24/65-18

Domaine : **Rallye Asphalte**
Dimension : **24 / 65 - 18**
Entaillement surfacique global : **32,8 %**

Clermont-Ferrand le 18/12/2013

Pneu Avant Gauche



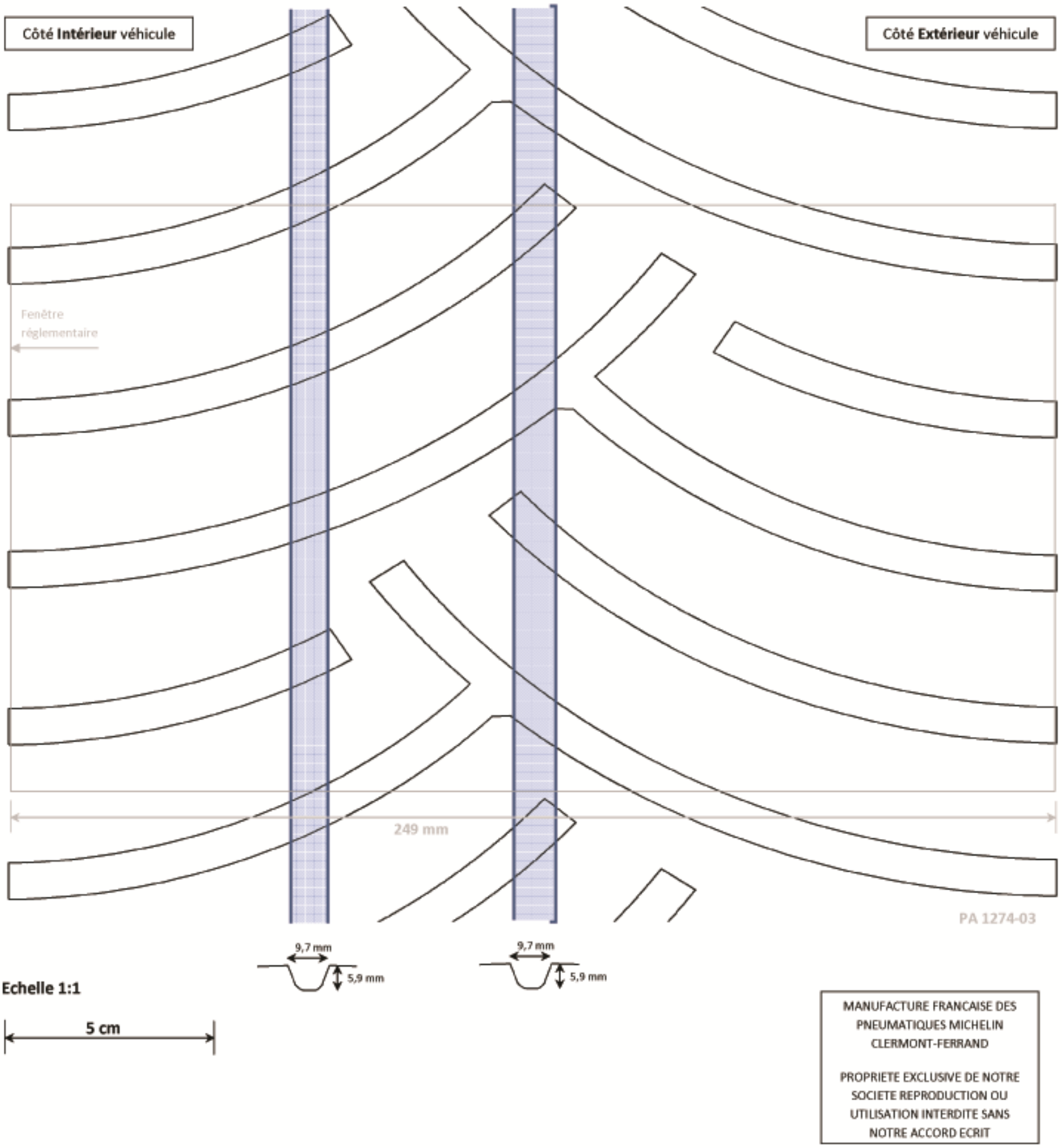
Circonferential groves are hand-cutted.

RGT only – 29/65-18

Domaine : **Rallye Asphalte**
Dimension : **29 / 65 - 18**
Entaillement surfacique sur fenêtre de 249 mm de large : **31 %**

Clermont-Ferrand le 18/12/2013

Pneu Arrière Droit



MANUFACTURE FRANCAISE DES PNEUMATIQUES MICHELIN CLERMONT-FERRAND

PROPRIETE EXCLUSIVE DE NOTRE SOCIETE REPRODUCTION OU UTILISATION INTERDITE SANS NOTRE ACCORD ECRIT

Circonferential groves are hand-cutted.

RGT only – 29/65-18

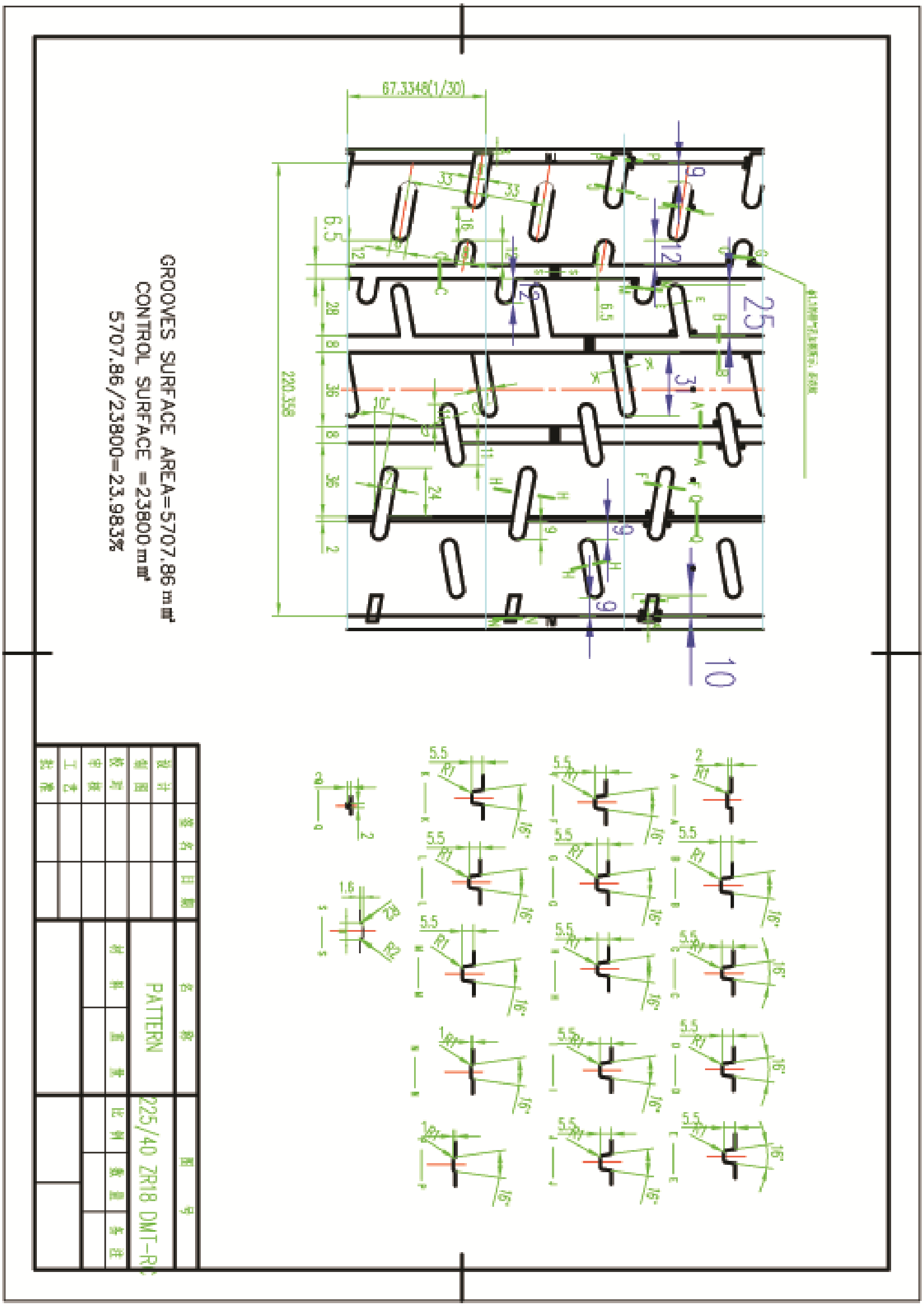
Domaine : **Rallye Asphalte**
Dimension : **29 / 65 – 18**
Entaillement surfacique sur fenêtre de 249 mm de large : **31 %**

Clermont-Ferrand le 18/12/2013

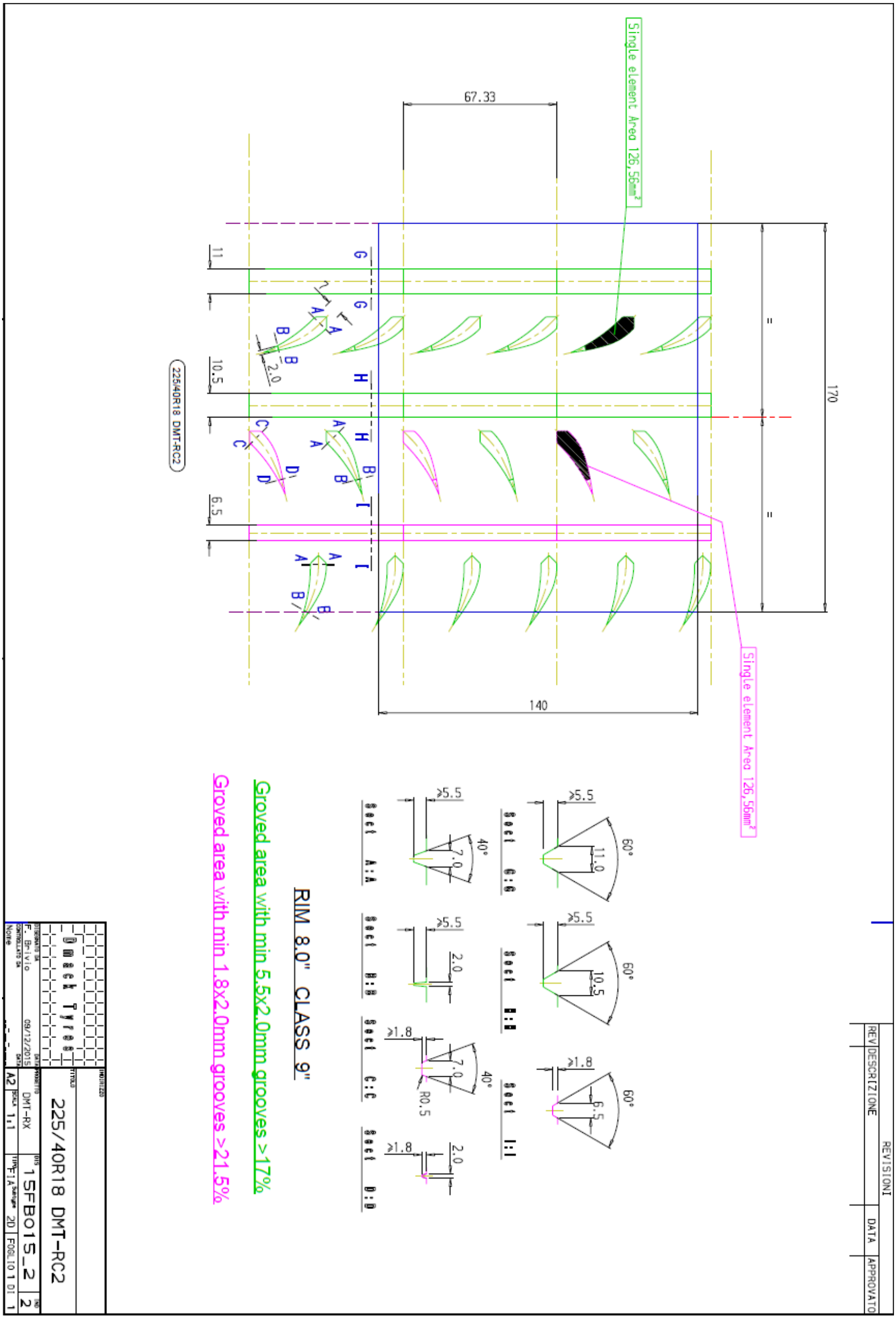
Pneu Arrière Gauche

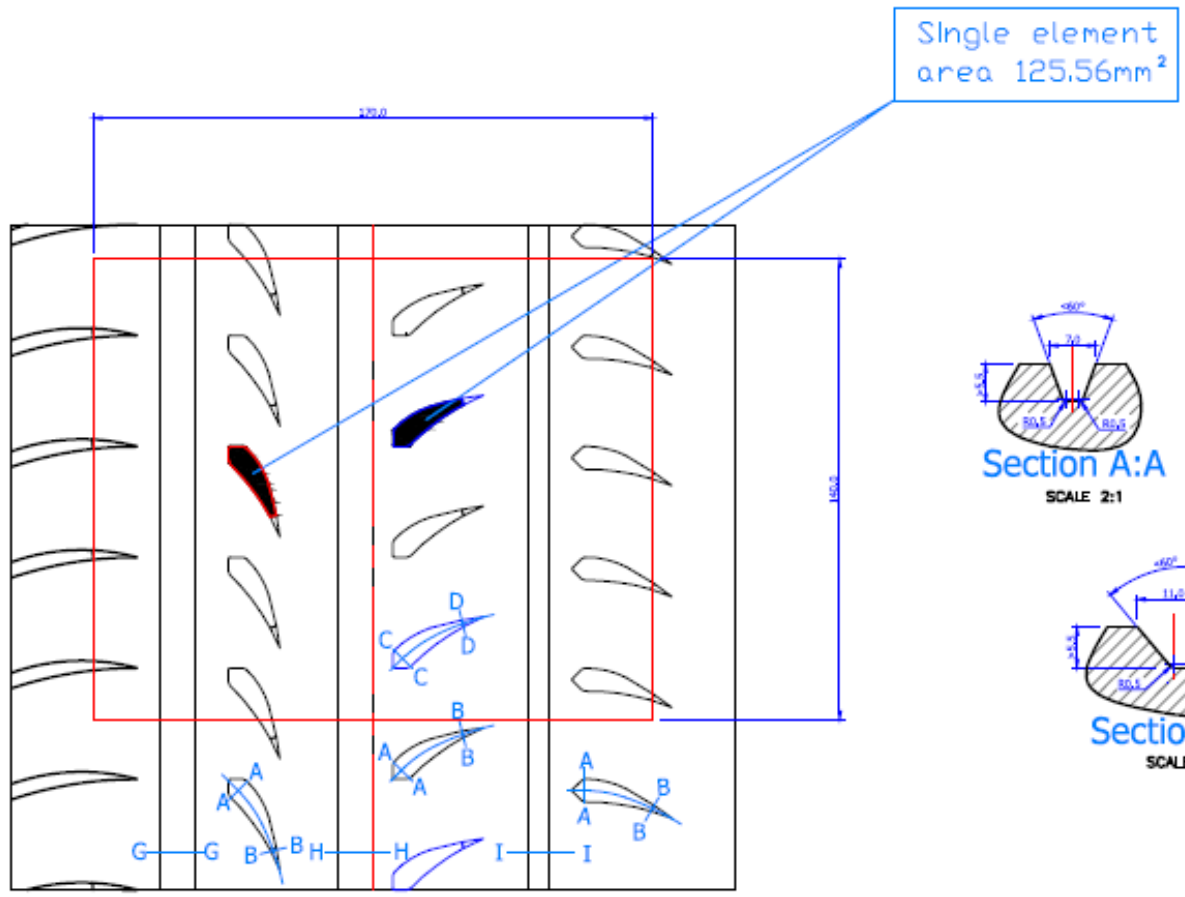
Circonferential groves are hand-cutted.

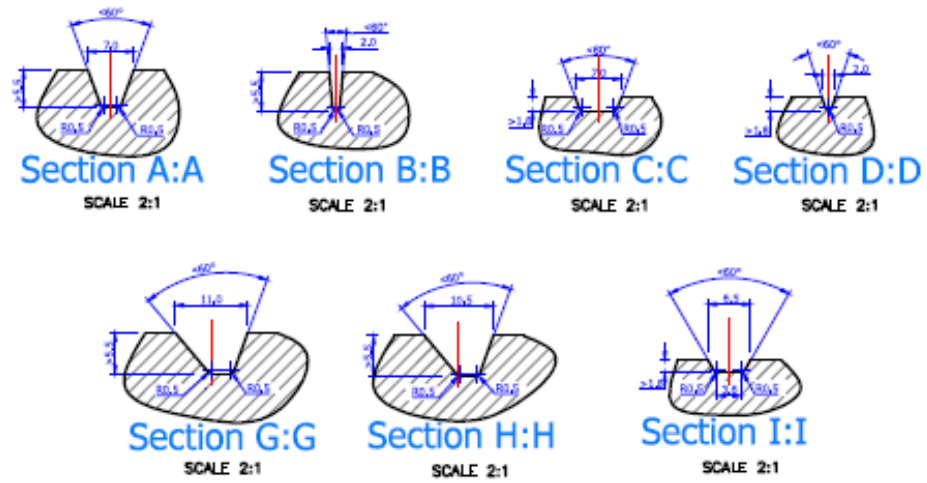
18" – 225/40-18


67.3348(1/30)
220.358
25
10
GROOVES SURFACE AREA=5707.86㎟
CONTROL SURFACE =23800㎟
5707.86/23800=23.983%
PATTERN
225/40 ZR18 DMT-R1

18" – 225/40-18


Single element Area 126,56mm²
67.33
170
140
11
10.5
6.5
2.0
225/40R18 DMT-RC2
Single element Area 126,56mm²
RIM 8.0" CLASS 9"
Groved area with min 5.5x2.0mm grooves >17%
Groved area with min 1.8x2.0mm grooves >21.5%
Boot A:A
Boot B:B
Boot C:C
Boot D:D
Boot E:E
Boot F:F
Boot G:G
Boot H:H
Boot I:I
≥5.5
≥1.8
60°
40°
11.0
10.5
7.0
6.5
2.0
R0.5
Dmack Tyres
225/40R18 DMT-RC2
DMT-RX
15FB015_2
F. Brivio
09/12/2015
A2
1:1
2D
FOGLIO 1 DI 1





RIM 8.0" Class 9"

GROOVED AREA WITH MIN. 1.8x2.0mm GROOVES >21.5%

GROOVED AREA WITH MIN. 5.5x2.0mm GROOVES >17.0%

DRAWING REFERENCES	APPROVAL

DIMENSIONS: MM
MATERIAL:

225/40 R18 DMT RC22 - FIA Homologation table

DMACK TYRES - ENGLAND.

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ISSUE	MODIFICATION	DATE	SIGN
1			

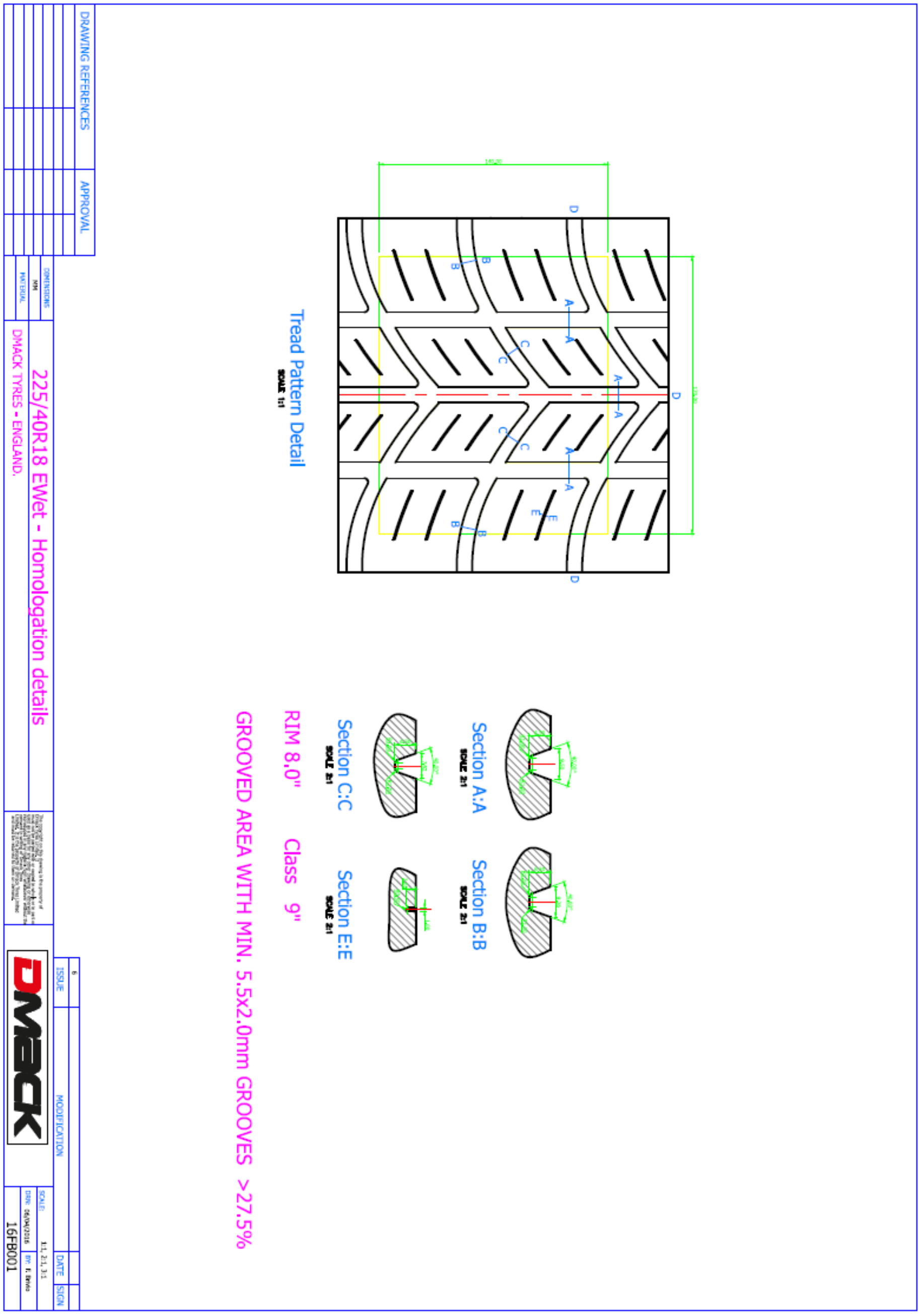
SCALE: 1:1, 2:1, 3:1
DRN: 02/12/2016 BY: F. Brivio
16FB037

DMACK Tyres

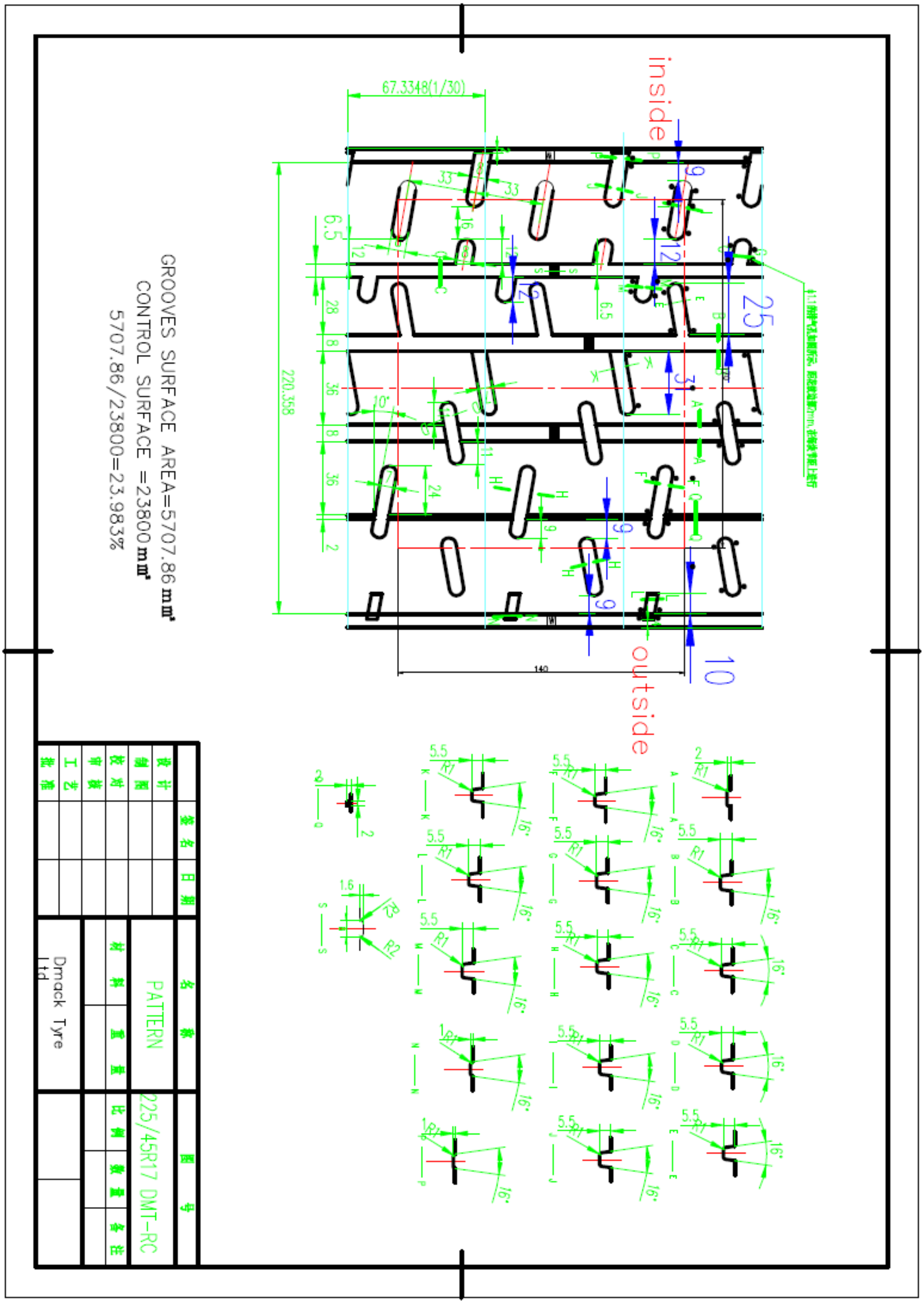
18" – 225/40-18

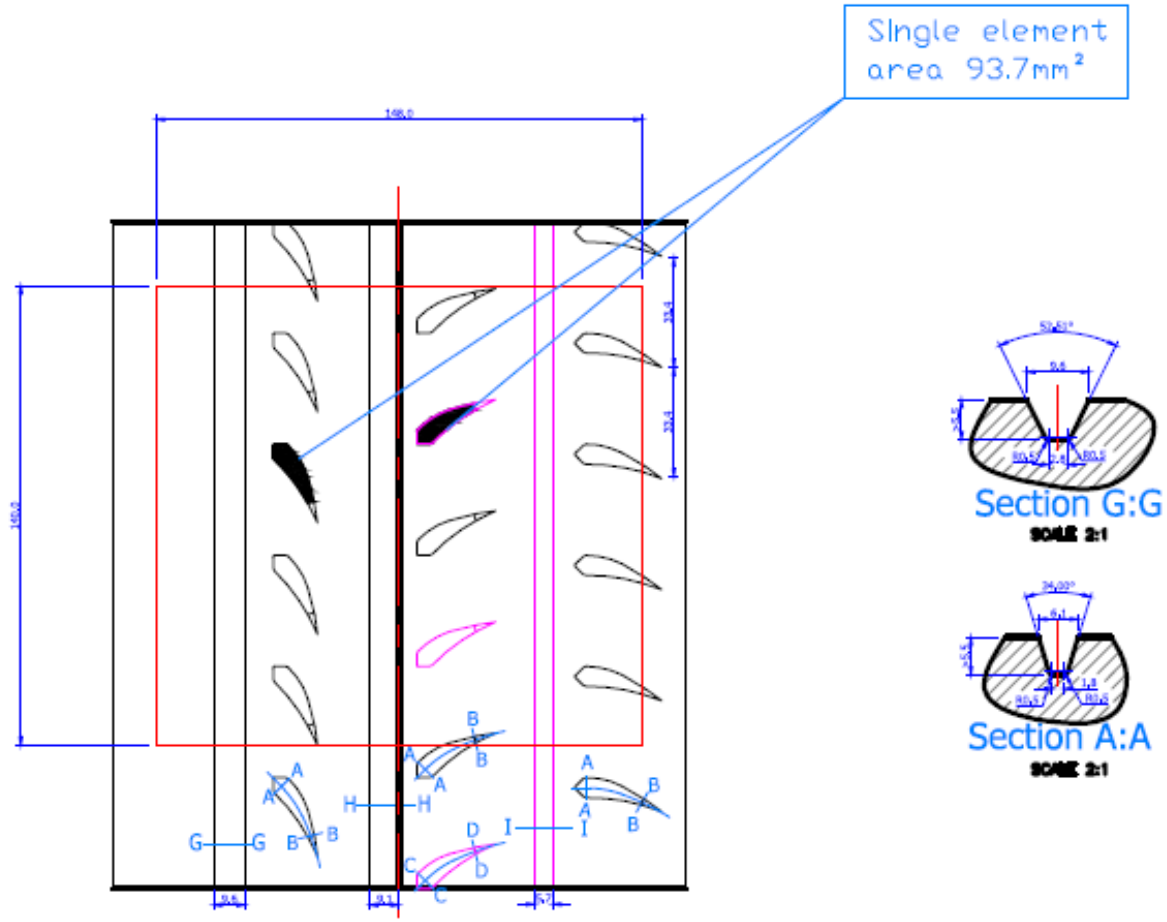
Date of publication: 20/06/2017

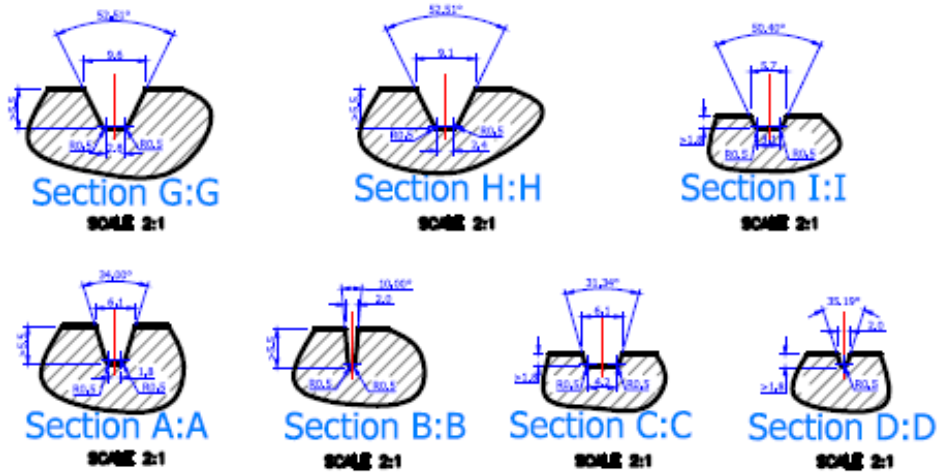
18" – 225/40-18


DRAWING REFERENCES
APPROVAL
DIMENSIONS
MM
MATERIAL
DMACK TYRES - ENGLAND.
225/40R18 EWet - Homologation details
Tread Pattern Detail
SCALE 1:1
Section A:A
SCALE 2:1
Section B:B
SCALE 2:1
Section C:C
SCALE 2:1
Section E:E
SCALE 2:1
RIM 8,0"
Class 9"
GROOVED AREA WITH MIN. 5.5x2.0mm GROOVES >27.5%
ISSUE
MODIFICATION
DATE
SIGN
SCALE:
1:1, 2:1, 3:1
DRR: 06/04/2016
BY: F. Bruno
16FB001

17" – 225/45-17


GROOVES SURFACE AREA=5707.86 mm²
CONTROL SURFACE =23800 mm²
5707.86/23800=23.983%
67.3348(1/30)
220.358
140
inside
outside
25
10
31
12
6.5
28
36
24
11
9
2
1.6
R1
R2
16°
PATTERN
225/45R17 DMT-RC
Dmack Tyre Ltd
名 称
图 号
设 计
制 图
校 对
审 核
工 艺
批 准





RIM 7.0" Class 8"

GROOVED AREA WITH MIN. 1.8x2.0mm GROOVES >21.5%

GROOVED AREA WITH MIN. 5.5x2.0mm GROOVES >17.0%

DRAWING REFERENCES		APPROVAL		
				DIMENSIONS: MM
				MATERIAL

205/45 R17 DMT RC2 - FIA Homologation details

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ISSUE	MODIFICATION	DATE	SIGN
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SCALE: 1:1, 2:1, 3:1

DRN: 19/10/2016 BY: F. Brivio

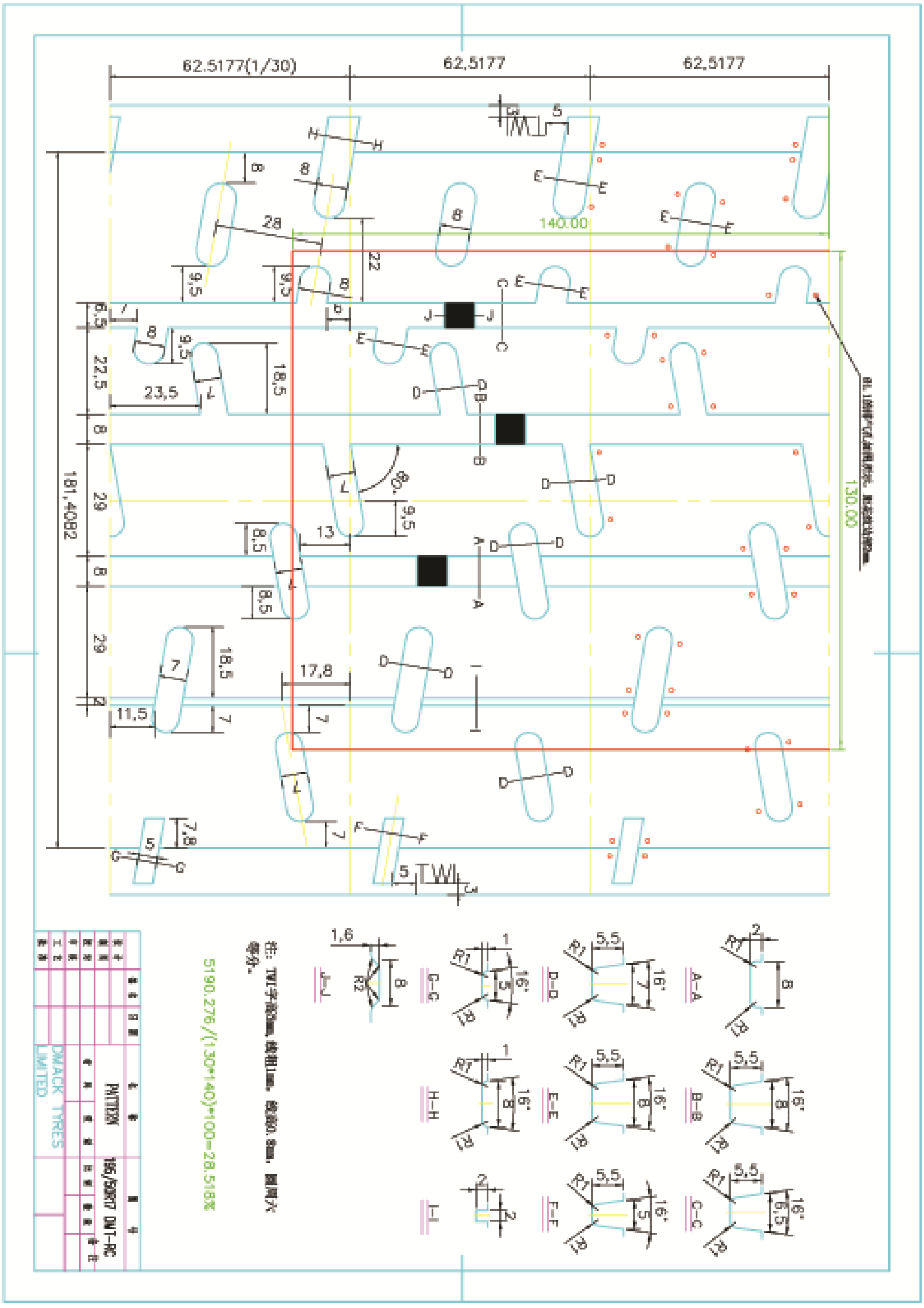
16FB031

DMACK Tyres

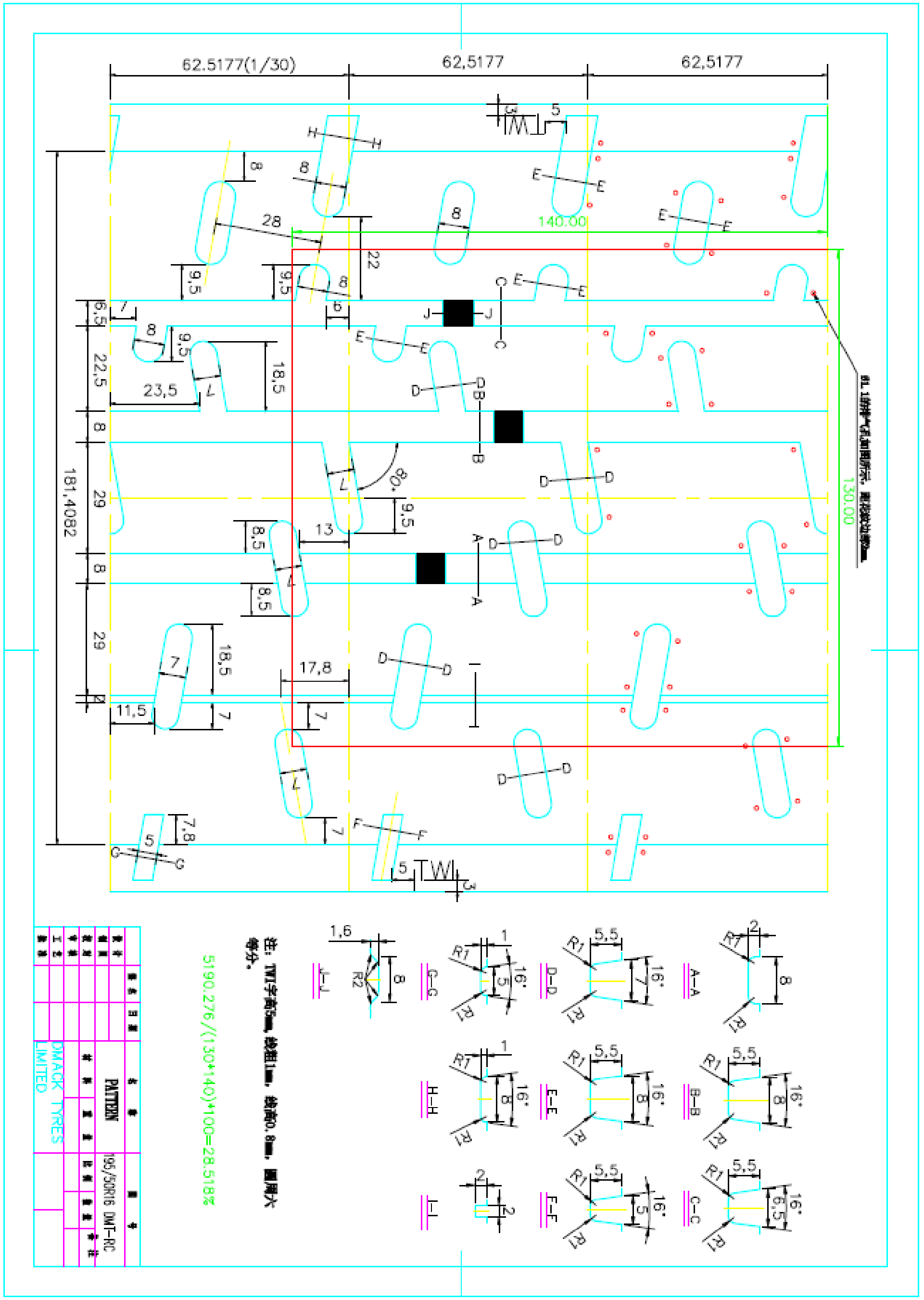
17" – 205/45-17

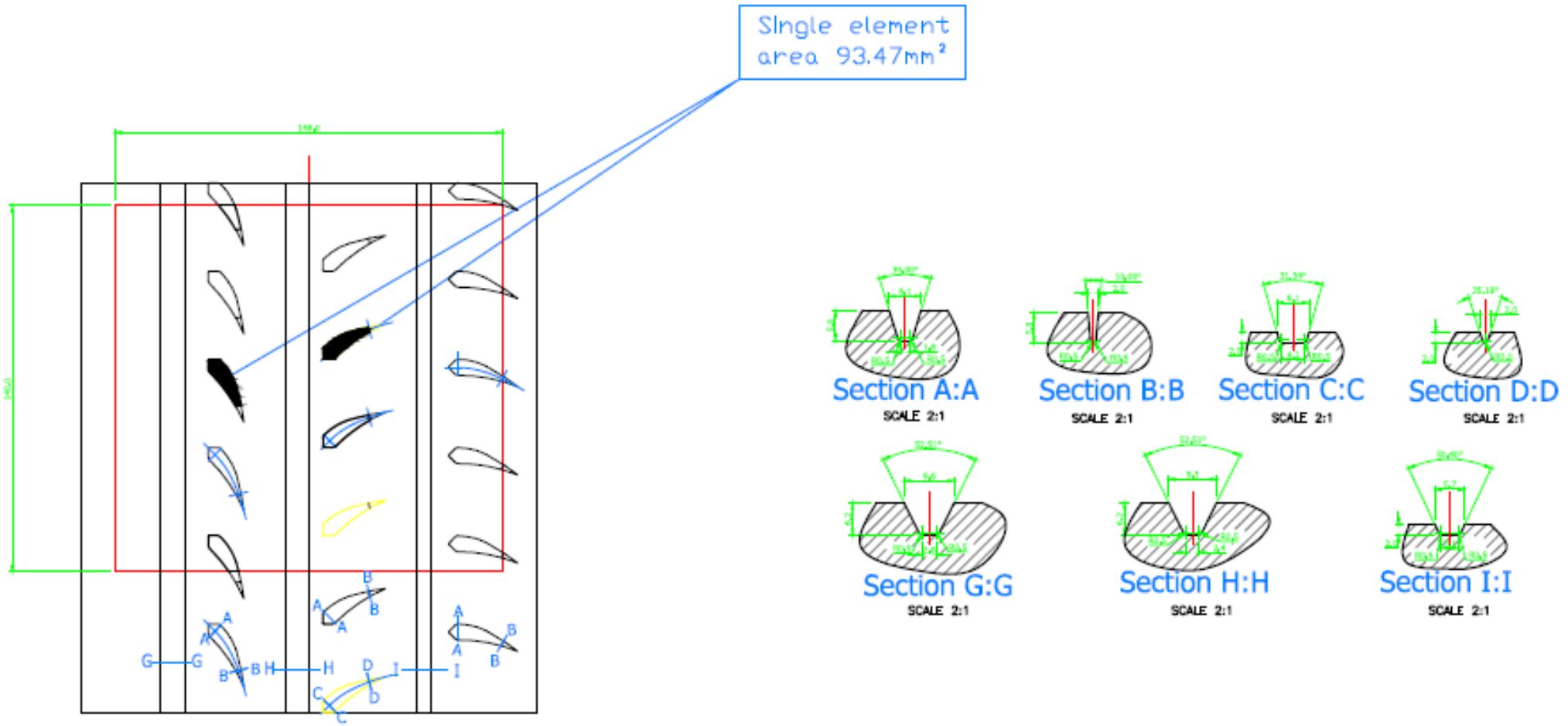
Date of publication: 20/06/2017

17" – 195/50-17


62,5177(1/30)
62,5177
62,5177
140.00
130.00
181,4082
5190.276/(1.30*140)*100=28.518%
PATTERN
195/50R17 DM1-RC
DMACK TYRES LIMITED

16" – 195/50-16


62.5177(1/30)
62,5177
62,5177
181,4082
140.00
130.00
23,5
28
17,8
11,5
13
1,6
PATTERN
195/50R16 DMT-RC
DMACK TYRES LIMITED
5190.276/(130+140)*100=28.518%



RIM 7.0" Class 8"

GROOVED AREA WITH MIN. 1.8x2.0mm GROOVES >21.5%

GROOVED AREA WITH MIN. 5.5x2.0mm GROOVES >17.0%

DRAWING REFERENCES		APPROVAL	

DIMENSIONS MM
MATERIAL

195/50 R16 DMT RC2 - FIA Homologation table

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ISSUE	MODIFICATION	DATE	SIGN
1			

DMACK

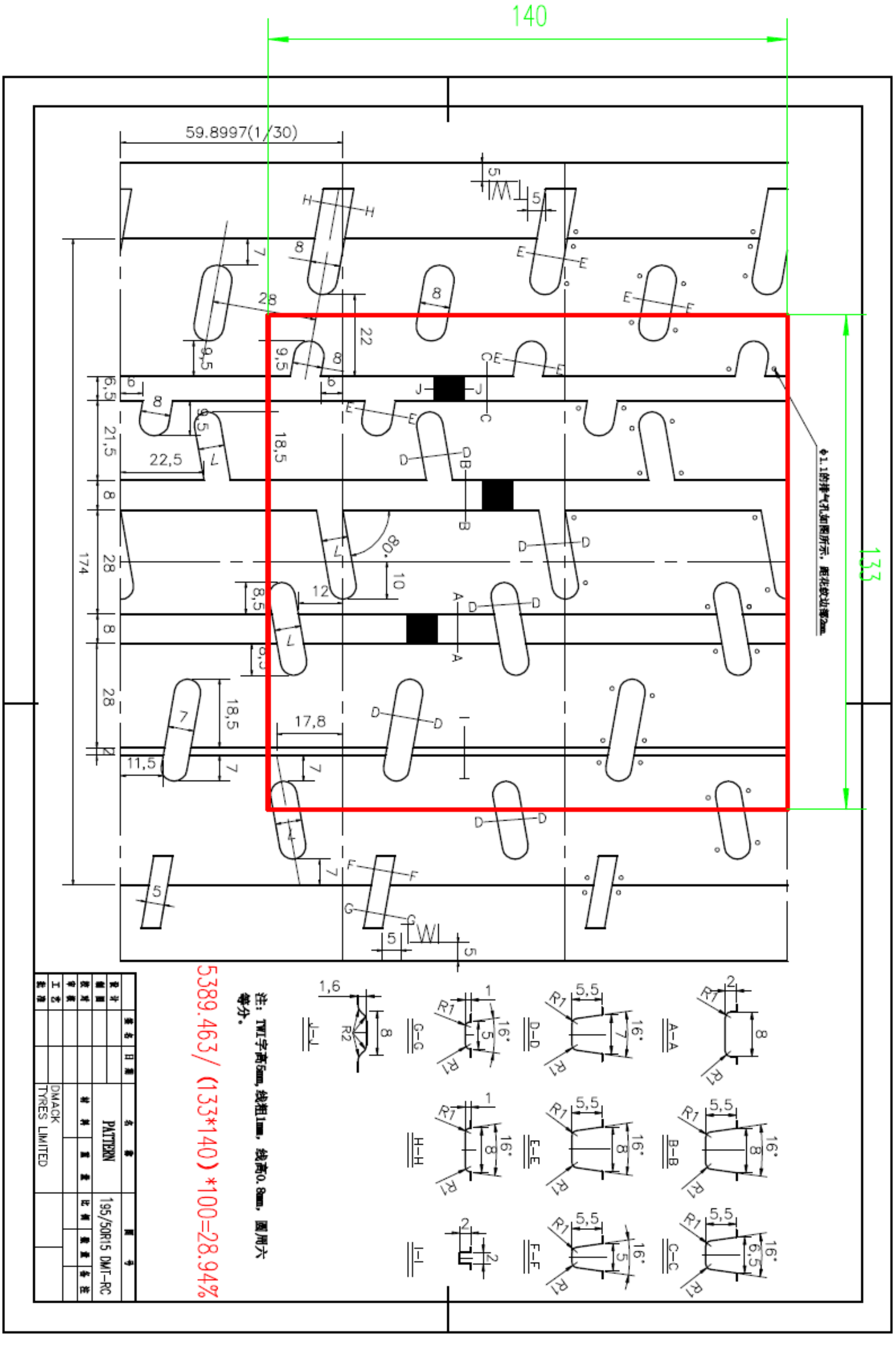
SCALE: 1:1, 2:1, 3:1
DRN: 16/03/2017 BY: F. Brivio
17FB003

DMACK Tyres

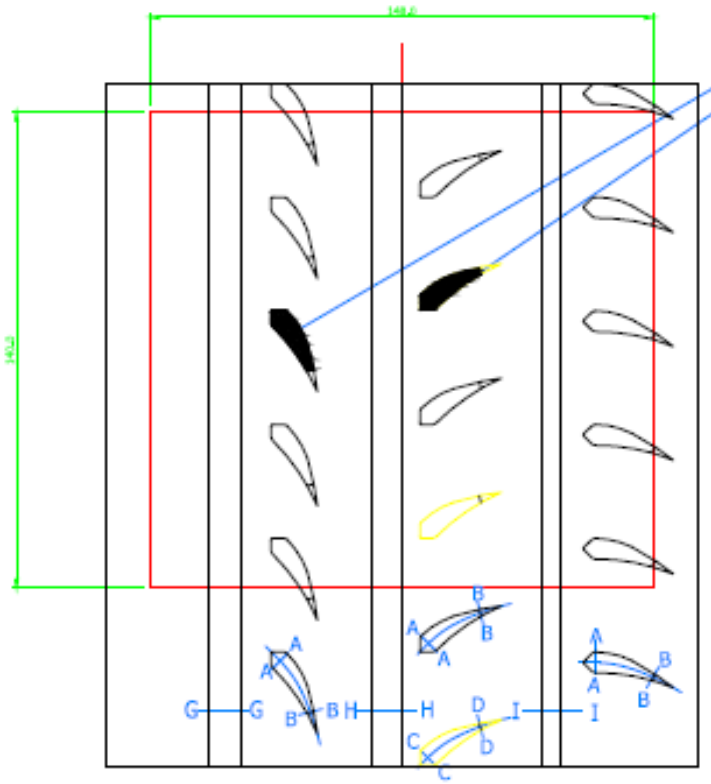
16" – 195/50-16

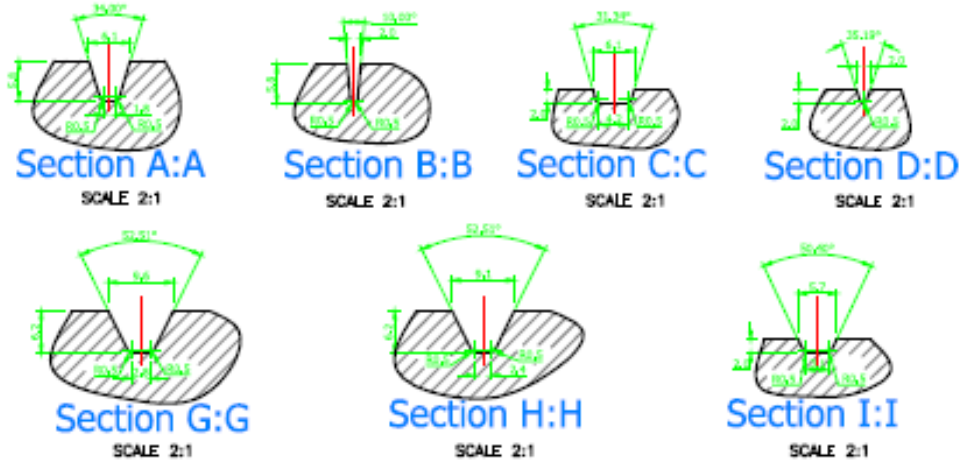
Date of publication: 20/06/2017

15" – 195/50-15


140
59.8997(1/30)
133
174
5,5
注：TWI字高5mm，线粗1mm，线高0.8mm，圆周六等分。
5389.463/ (133*140) *100=28.94%
PATTERN
195/50R15 DMT-RC
DMACK TYRES LIMITED

Single element
area 93.47mm²





RIM 7.0" Class 8"

GROOVED AREA WITH MIN. 1.8x2.0mm GROOVES >21.5%

GROOVED AREA WITH MIN. 5.5x2.0mm GROOVES >17.0%

DRAWING REFERENCES	APPROVAL

DIMENSIONS: MM
MATERIAL:

195/50 R15 DMT RC2 - FIA Homologation table

DMACK TYRES - ENGLAND.

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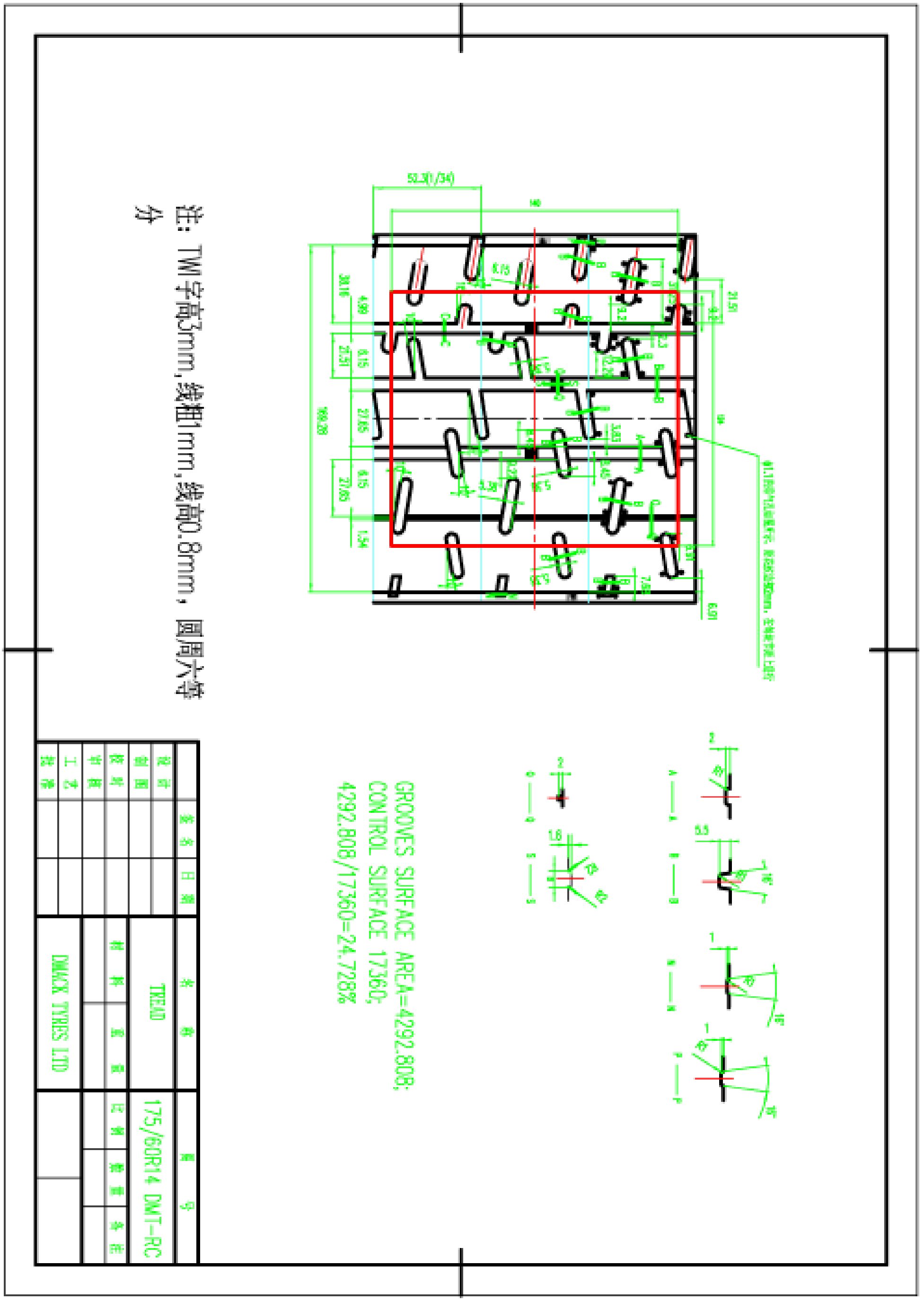
ISSUE	MODIFICATION	DATE	SIGN
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SCALE: 1:1, 2:1, 3:1
DRN: 16/03/2017 BY: F. Brivio
17FB004

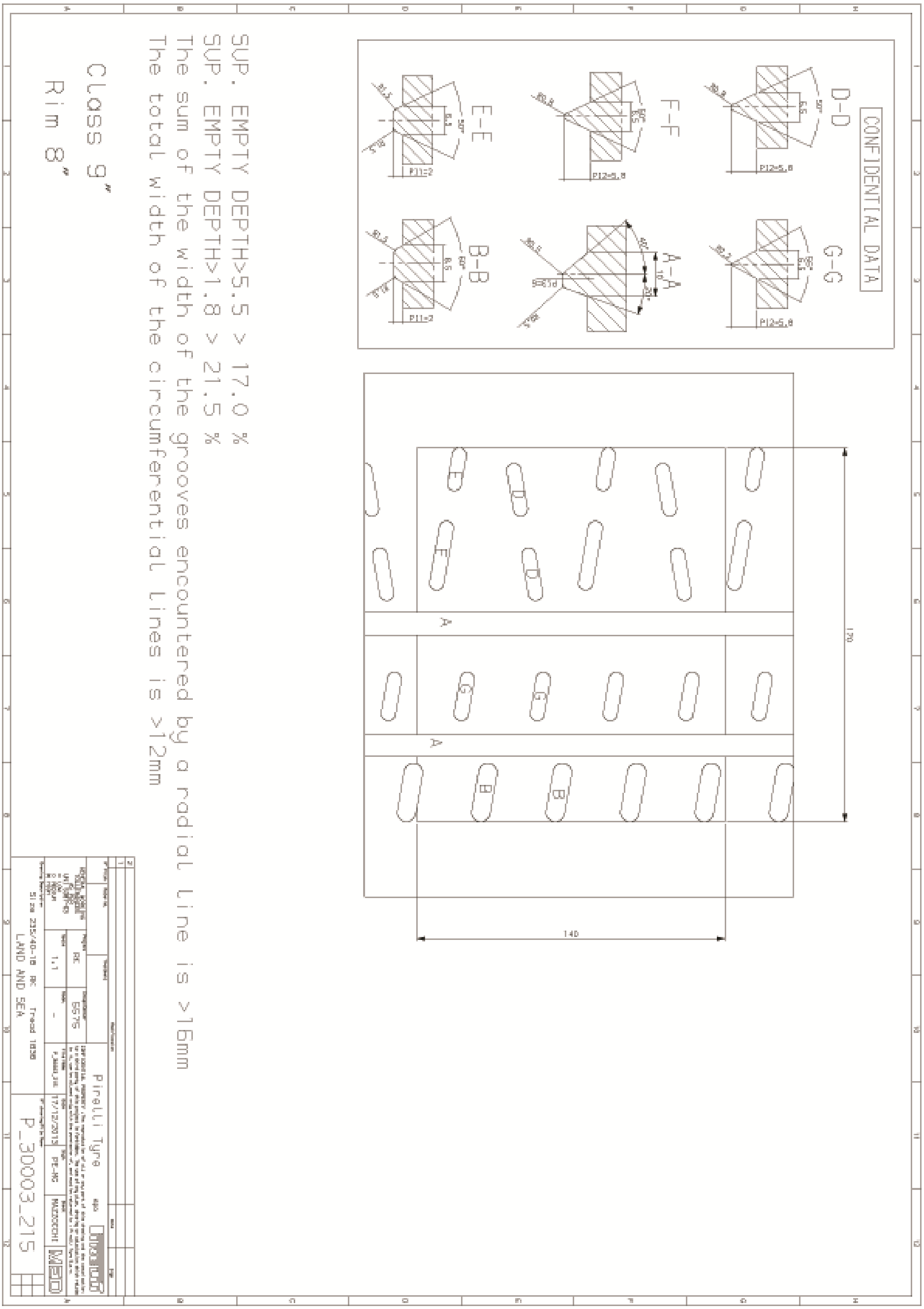
DMACK Tyres

15" – 195/50-15

14" – 175/60-14

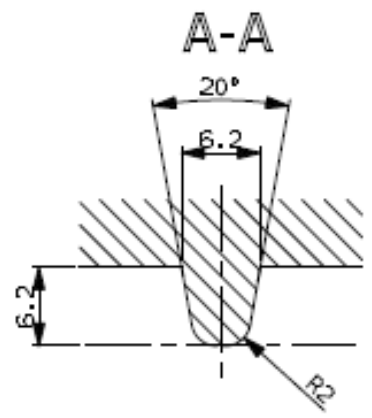

注：TWI安装3mm，磨耗8mm，磨耗0.8mm，轮胎周向六等分
GROOVES SURFACE AREA=4292.808;
CONTROL SURFACE 17360;
4292.808/17360=24.728%
TREAD
175/60R14 DMT-RC
DMACK TYRES LTD

18" – 235/40-18


CONFIDENTIAL DATA
D-D
G-G
F-F
E-E
B-B
A-A
P12=5.8
P11=2
140
170
SUP. EMPTY DEPTH>5.5 > 17.0 %
SUP. EMPTY DEPTH>1.8 > 21.5 %
The sum of the width of the grooves encountered by a radial line is >16mm
The total width of the circumferential lines is >12mm
Class 9"
Rim 8"
Pirelli Tyre
LAND AND SEA
P_30003_215

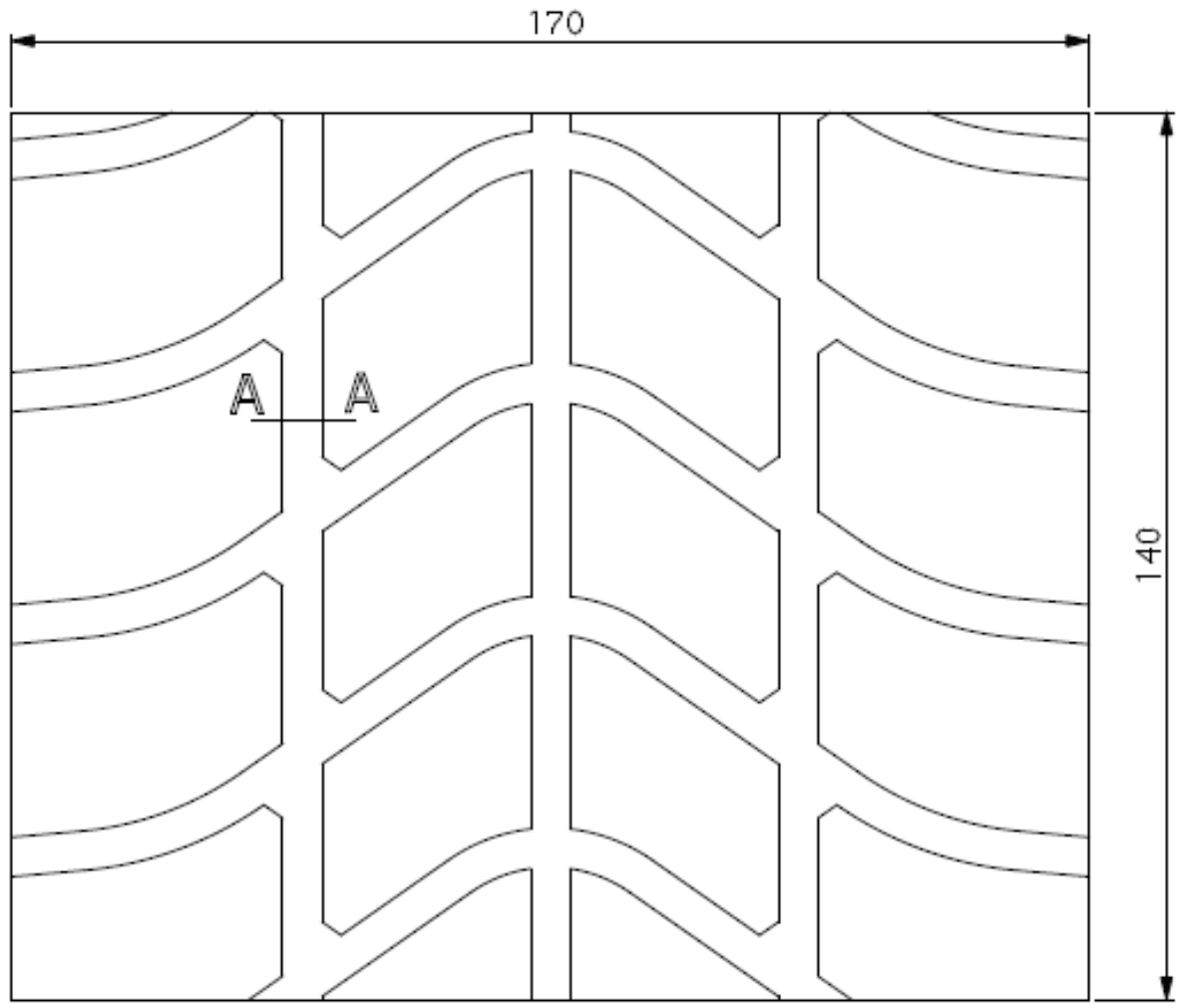
CONFIDENTIAL DATA

MOULD SECTION
SCALE 2:1



ALL THE GROOVES HAVE THE SAME SECTION

AREA
SCALE 1:1



SUP. EMPTY DEPTH>5.5mm >27.5%

The sum of the width of the grooves encountered by a radial line is >16mm

The sum of the width of the grooves encountered by a circumferential line is >4mm

Three (3) circumferential lines

The total width of circumferential lines is >12mm

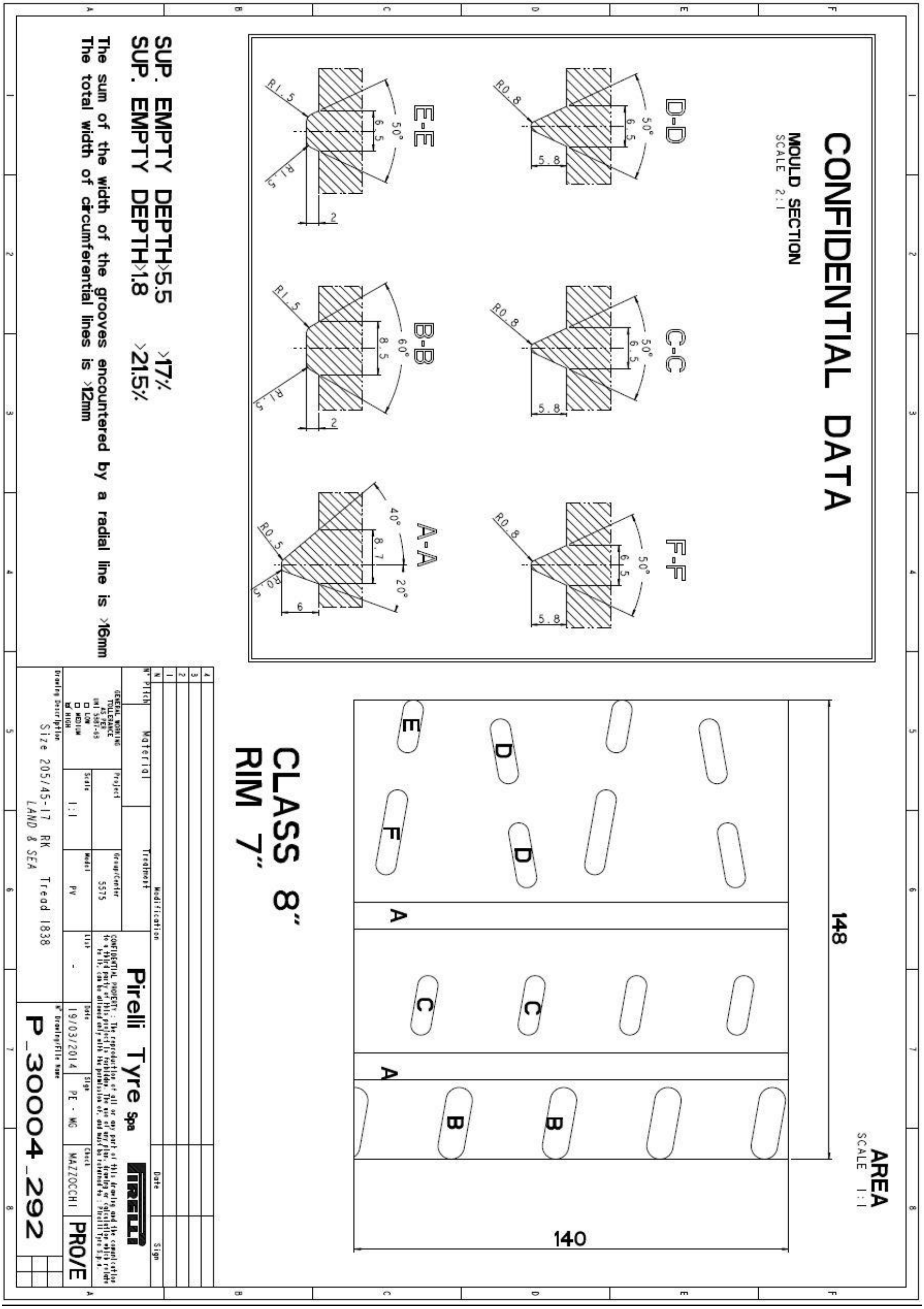
CLASS 9"
RIM 8"

2							
1	Modification					Date	Sign
N° Piece	Material	Treatment	Pirelli Tyre spa				
GENERAL WORKING TOLLERANCES AS PER UNI 5387-63 ☐ LOW ☐ MEDIUM ☒ HIGH	Project: -	Group/Sector: 5575	CONFIDENTIAL PROPERTY. The reproduction of all or any part of this drawing and the comunication to a third party of this project is forbidden. The use of any plan, drawing or calculation which relate to it, can be allowed only with the permission of, and must be returned to : Pirelli Tyre S.p.a.				
	Scale: 1:1	Model: -	File Name: P_30010_028_00	Date: 01/08/2016	Sign: PE-MG	Check: MAZZOCCHI	MED
Drawing Description: Size 235/40-18 RW Tread 2044 LAND & SEA			N° drawing/File Name: P_30010_028				

18" – 235/40 - 18

Date of publication: 20/06/2017

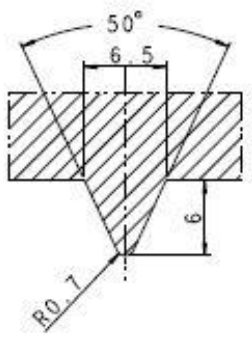
17" – 205/45 - 17


CONFIDENTIAL DATA
MOULD SECTION
SCALE 2:1
D-D
E-E
C-C
F-F
B-B
A-A
AREA
SCALE 1:1
148
140
CLASS 8"
RIM 7"
SUP. EMPTY DEPTH>5.5 >17%
SUP. EMPTY DEPTH>1.8 >21.5%
The sum of the width of the grooves encountered by a radial line is >16mm
The total width of circumferential lines is >12mm
Pirelli Tyre Spa
Size 205/45-17 RK Tread 1838
LAND & SEA
P_30004_292
PRO/E

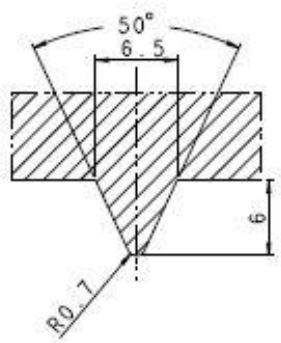
CONFIDENTIAL DATA

MOULD SECTION
SCALE 2:1

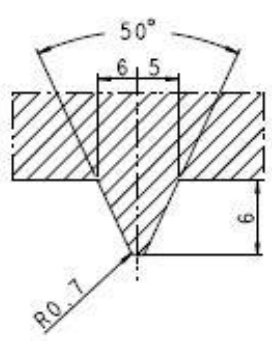
D-D



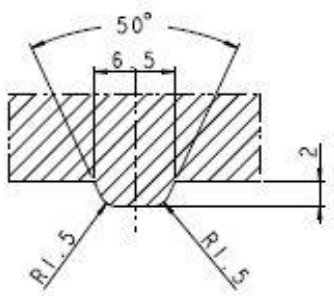
C-C



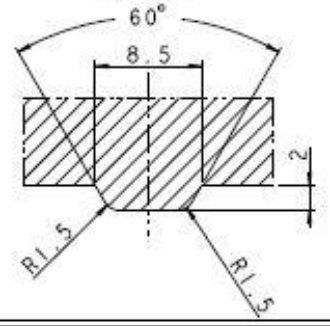
F-F



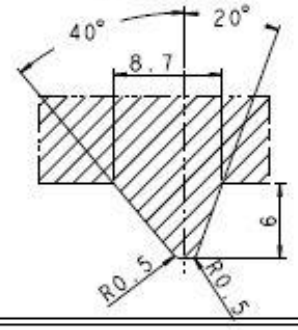
E-E



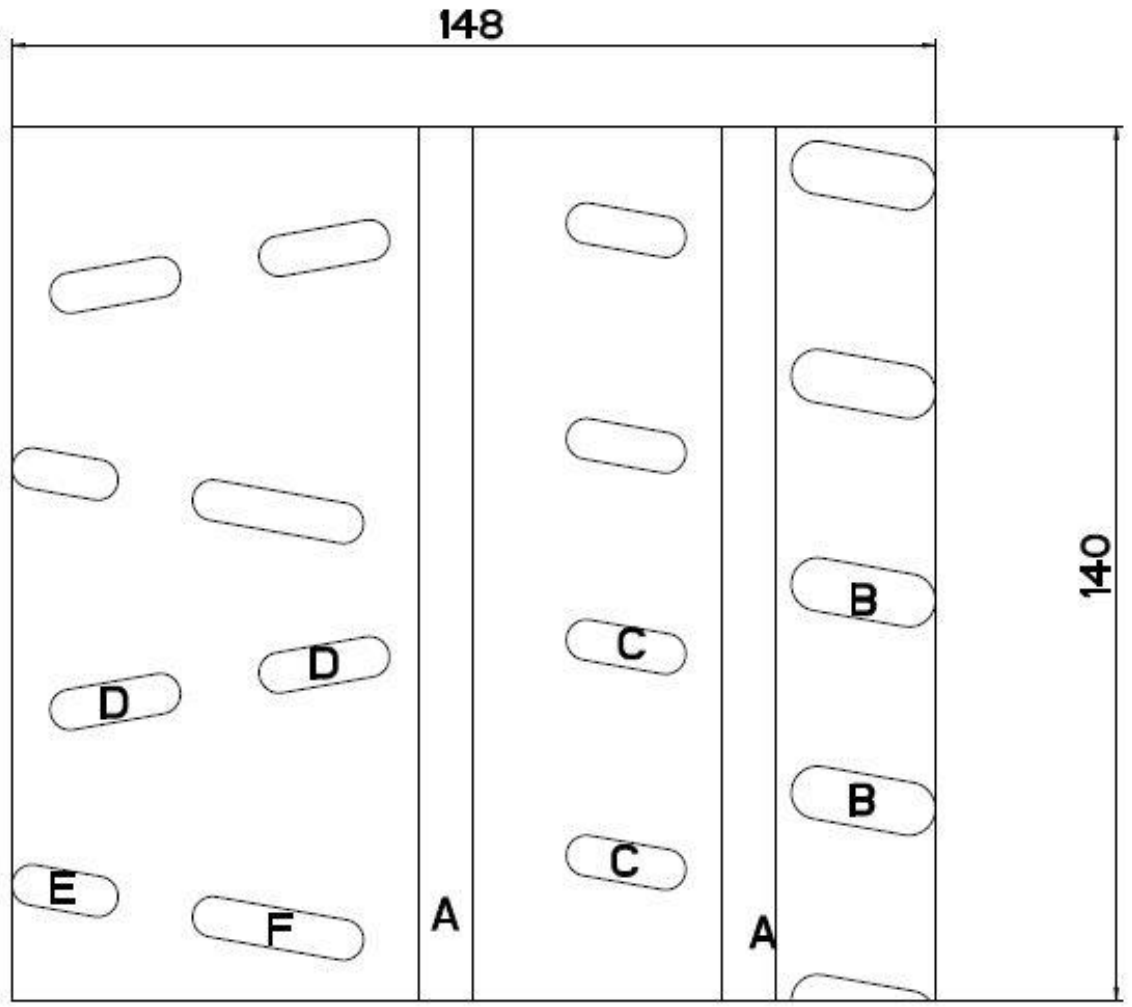
B-B



A-A



AREA
SCALE 1:1



CLASS 8"
RIM 7"

SUP. EMPTY DEPTH>5.5 >17%
SUP. EMPTY DEPTH>1.8 >21.5%

The sum of the width of the grooves encountered by a radial line is >16mm
The total width of circumferential lines is >12mm

N	Modification	Date	Sign
4			
3			
2			
1			

N° Pitch	Material	Treatment	Pirelli Tyre Spa

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GENERAL WORKING TOLLERANCE AS PER UNI 5587-65	Project	Group/Center	List	Date	Sign	Check	
☐ LOW ☐ MEDIUM ☒ HIGH	Scale 1:1	Model PV	-	19/03/2014	PE - MG	MAZZOCCHI	PRO/E

Drawing Description
Size 195/50-16 RK Tread 1838A
LAND & SEA

N° Drawing/File Name
P_30004_291

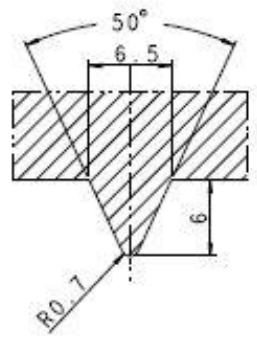
16" – 195/50-16

2017 List of Asphalt eligible tyres
27/45
Date of publication: 20/06/2017

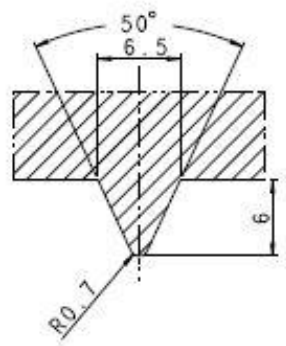
CONFIDENTIAL DATA

MOULD SECTION
SCALE 2:1

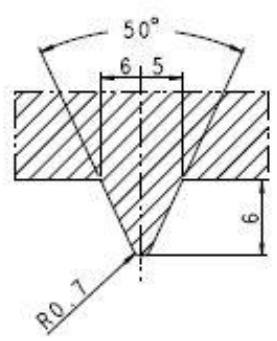
D-D



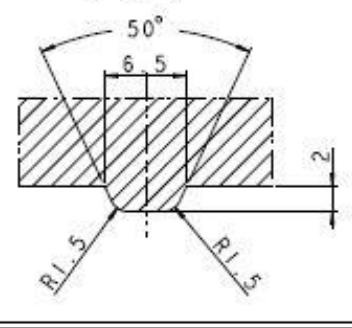
C-C



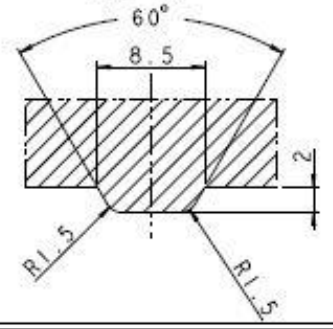
F-F



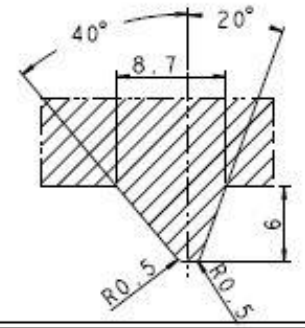
E-E



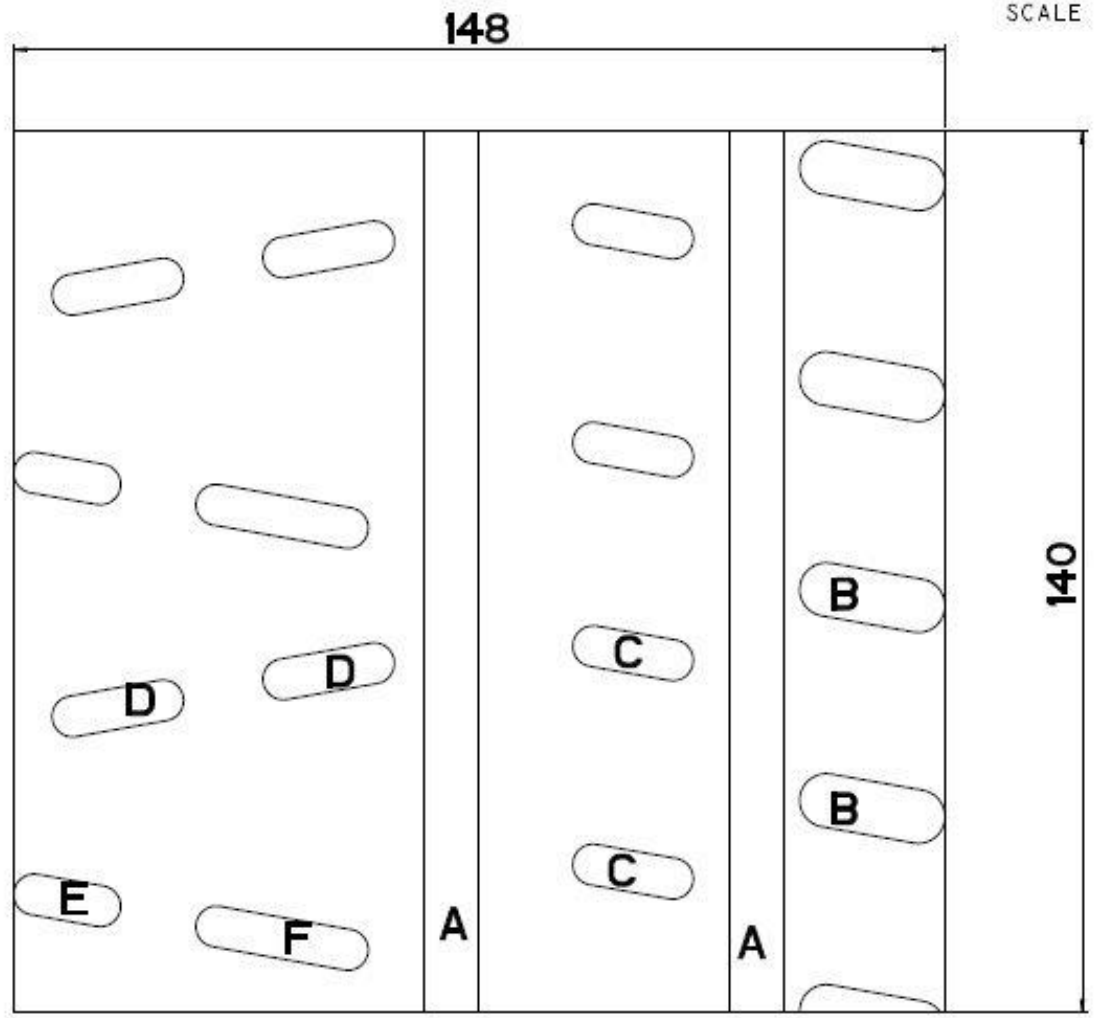
B-B



A-A



AREA
SCALE 1:1



CLASS 8"
RIM 7"

SUP. EMPTY DEPTH>5.5 >17%
SUP. EMPTY DEPTH>1.8 >21.5%

The sum of the width of the grooves encountered by a radial line is >16mm
The total width of circumferential lines is >12mm

N	Modification	Date	Sign
4			
3			
2			
1			

N° Pitch	Material	Treatment	Pirelli Tyre Spa

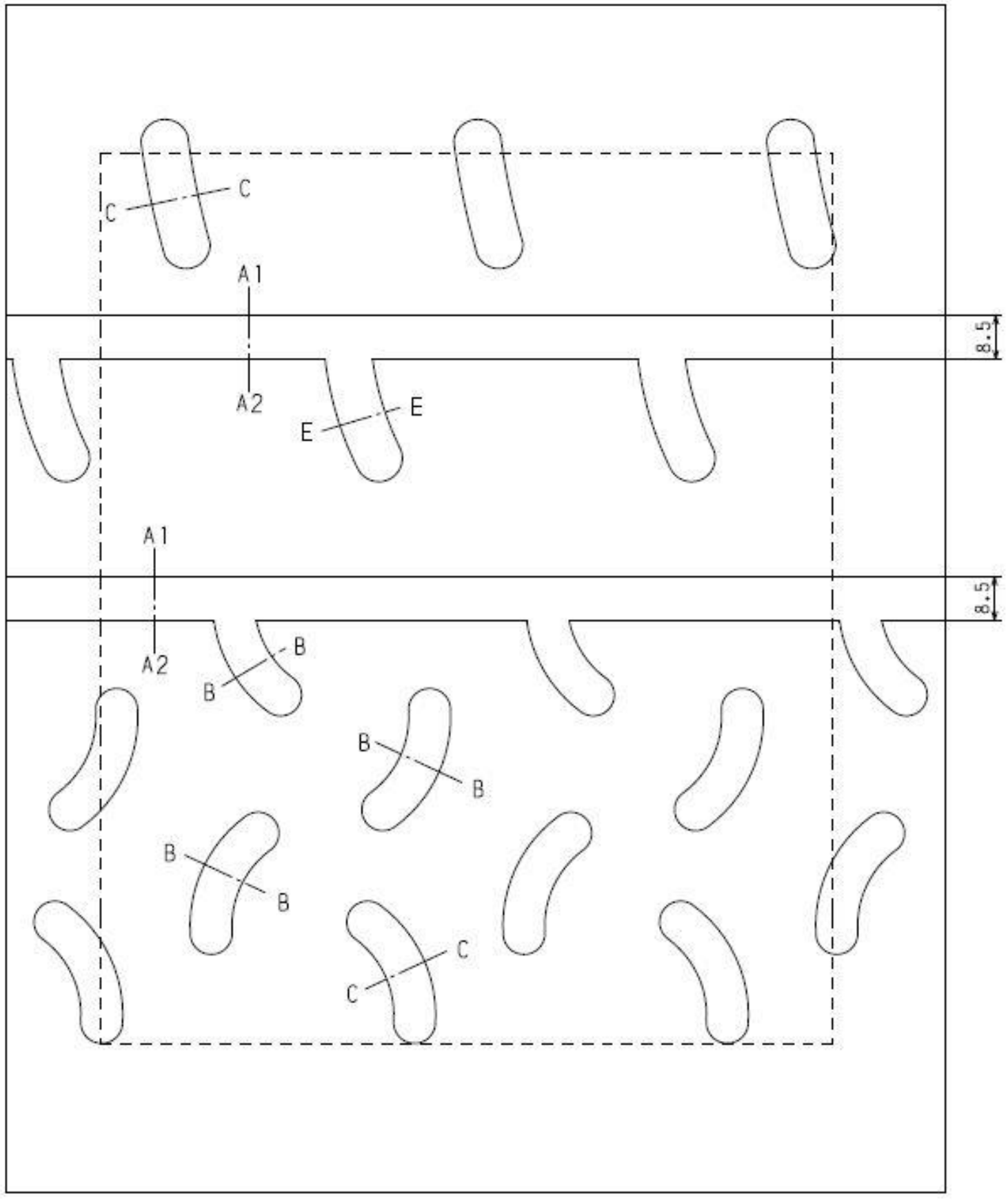
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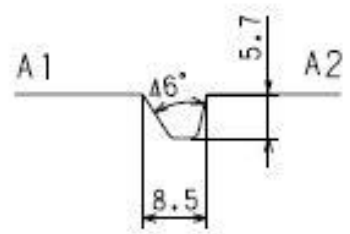
GENERAL WORKING TOLLERANCE AS PER UNI 3397-65	Project	Group/Center	List	Date	Sign	Check	
☐ LOW ☐ MEDIUM ☒ HIGH		5575	-	19/03/2014	PE - MG	MAZZOCCHI	PRO/E
	Scale 1:1	Model PV					

Drawing Description	N° Drawing/File Name
Size 195/50-15 RK Tread 1838A LAND & SEA	P_30004_290

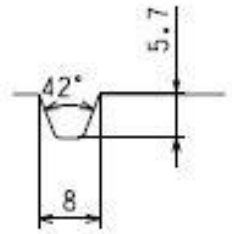
15" – 195/50-15

2017 List of Asphalt eligible tyres
28/45
Date of publication: 20/06/2017

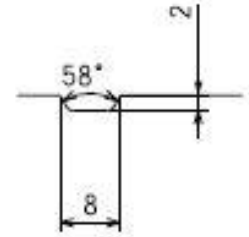




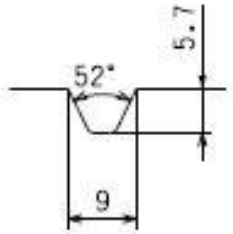
SEC. A1–A2



SEC. B–B



SEC. C–C



SEC. E–E

In the control area
5.5mm grooves-18.1%
Total grooves-22.2%

------ Control area 170X140

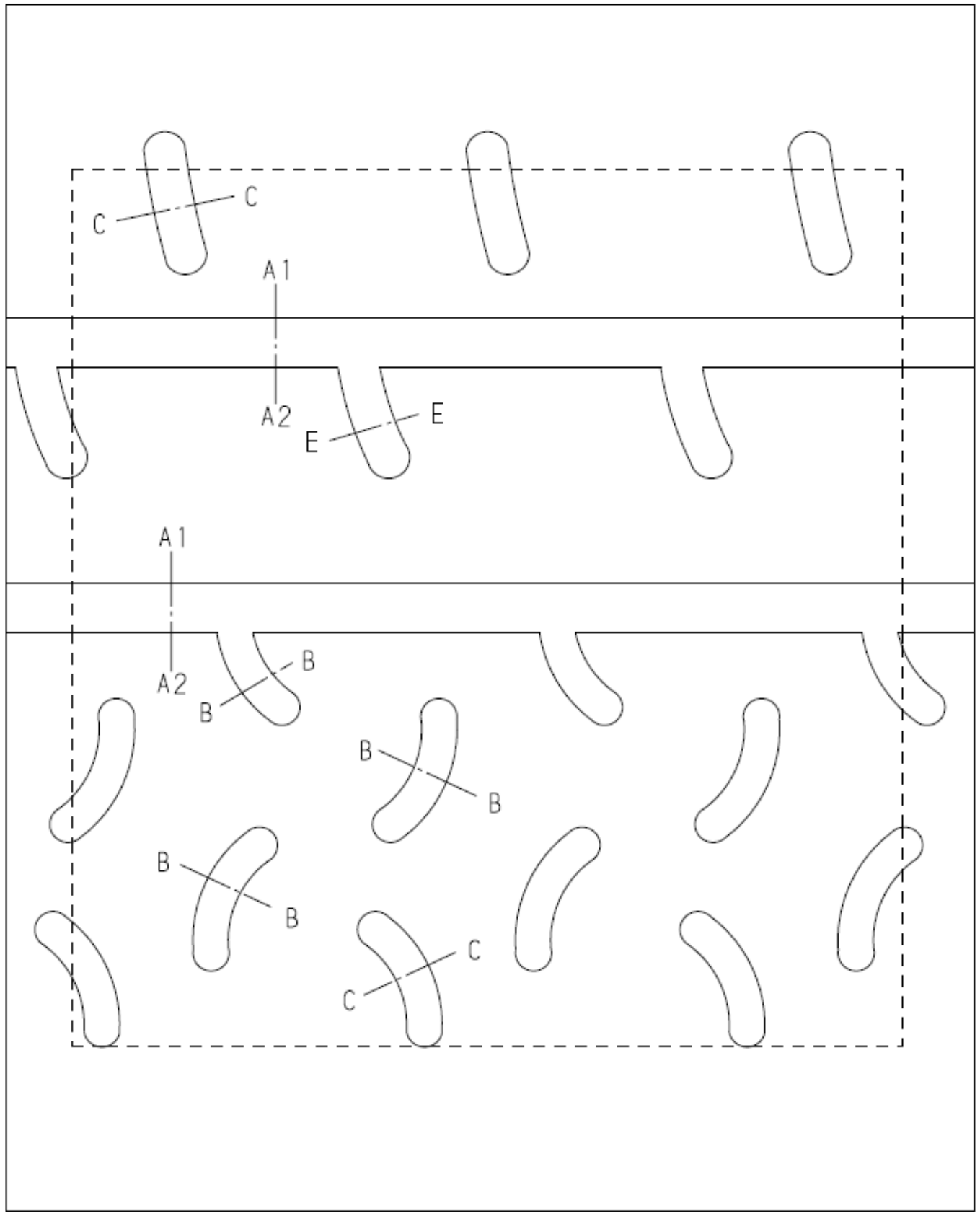
Tyre weight 9.7kg

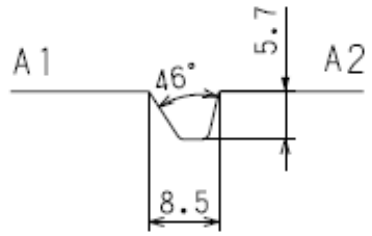
PRODUCT NAME
YOKOHAMA ADVAN A051T

PATTERN NAME
A051A

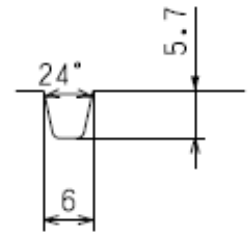
SIZE 210/650R18

18" – 235/40-18

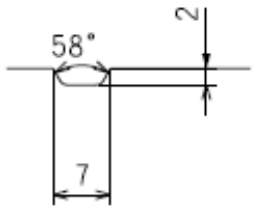




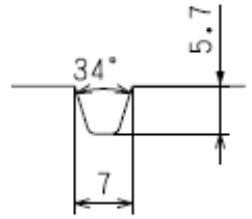
SEC. A1–A2



SEC. B–B



SEC. C–C



SEC. E–E

In the control area
5.5mm grooves-18.2%
Total grooves-22.0%

------ Control area 148X140

PRODUCT NAME
YOKOHAMA ADVAN A051T

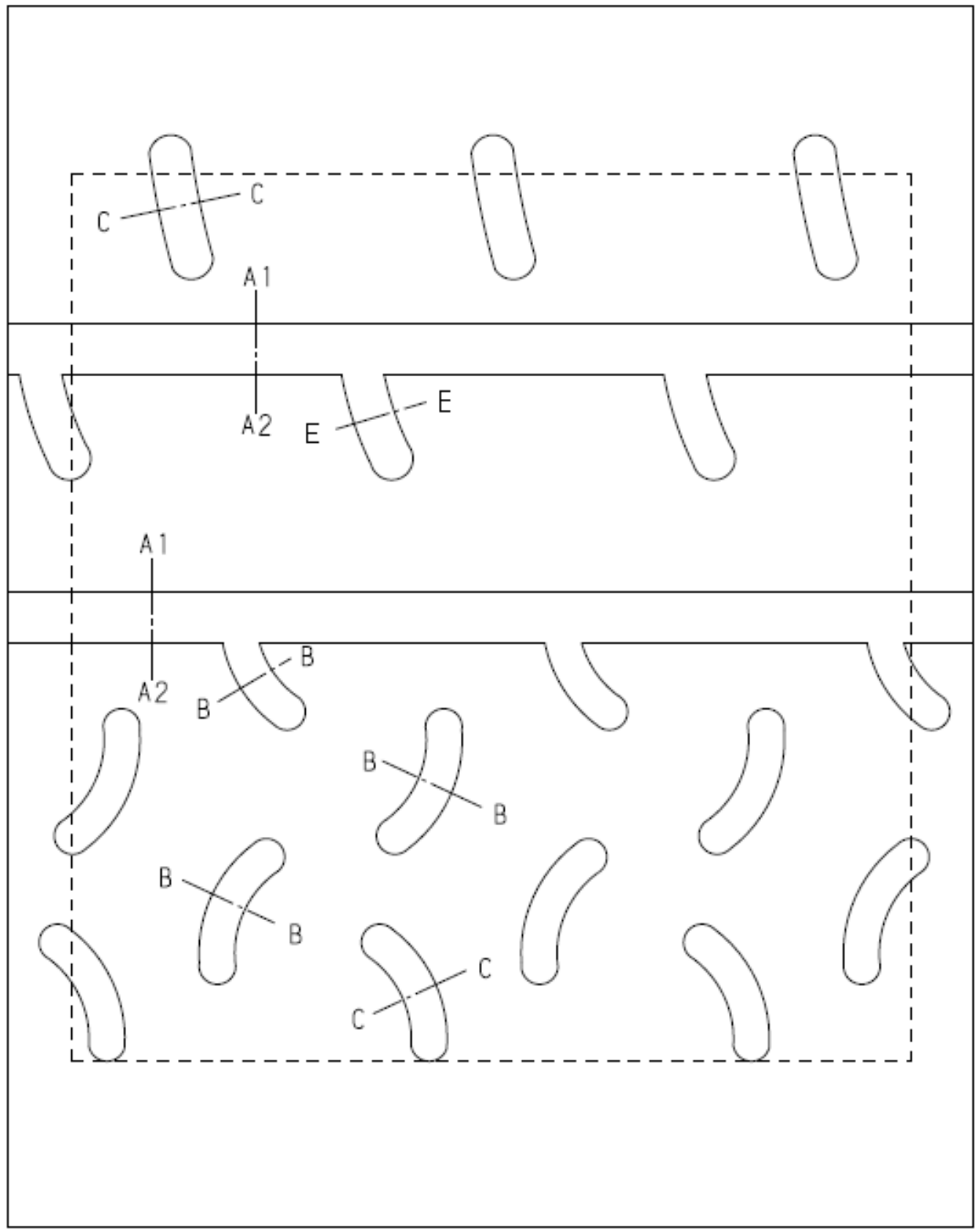
PATTERN NAME
A051A

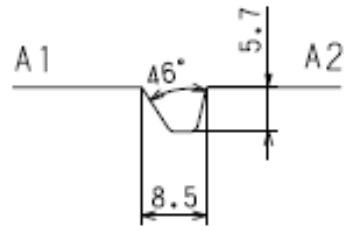
SIZE 190/625R17

YOKOHAMA

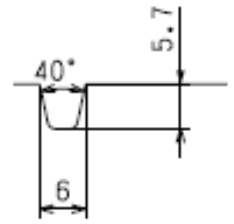
17" – 190/625-17

Date of publication: 20/06/2017

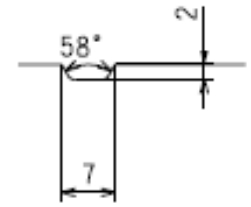




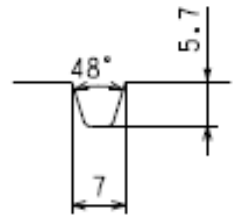
SEC. A1–A2



SEC. B–B



SEC. C–C



SEC. E–E

In the control area
5.5mm grooves-17.9%
Total grooves-21.6%

------- Control area 170X140

PRODUCT NAME
YOKOHAMA ADVAN A051T

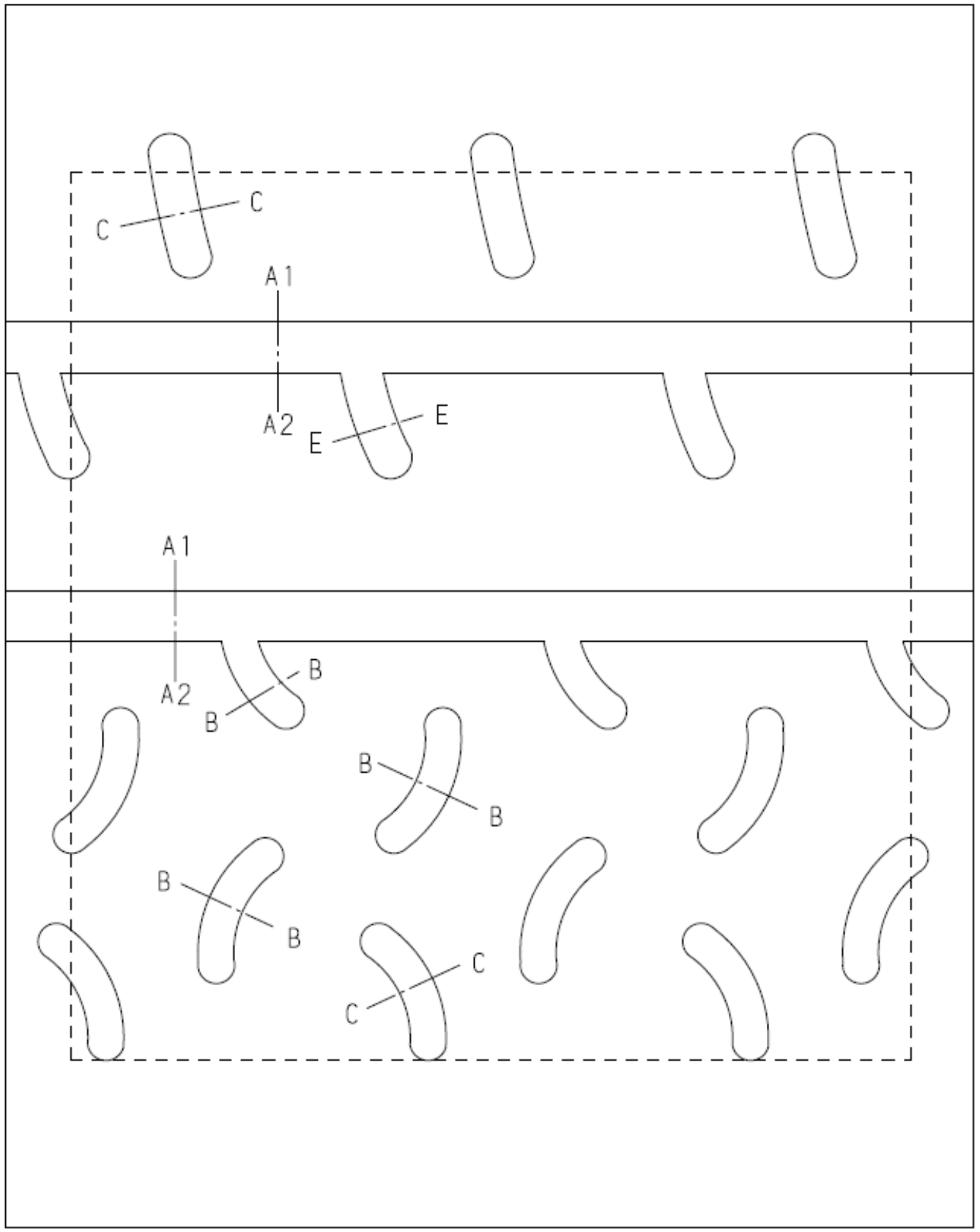
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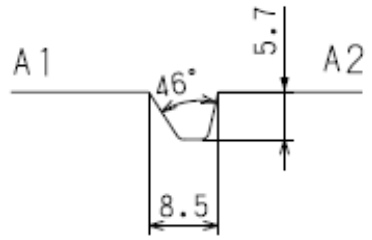
SIZE 210/625R17

YOKOHAMA

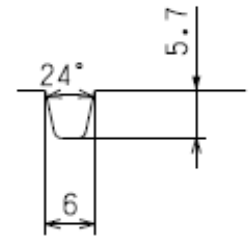
17" – 210/625-17

Date of publication: 20/06/2017

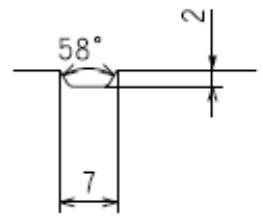




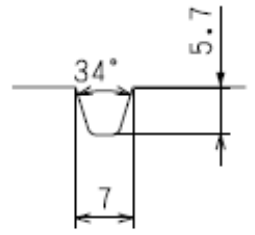
SEC. A1–A2



SEC. B–B



SEC. C–C



SEC. E–E

In the control area
5.5mm grooves-18.1%
Total grooves-21.9%

------ Control area 148X140

PRODUCT NAME
YOKOHAMA ADVAN A051T

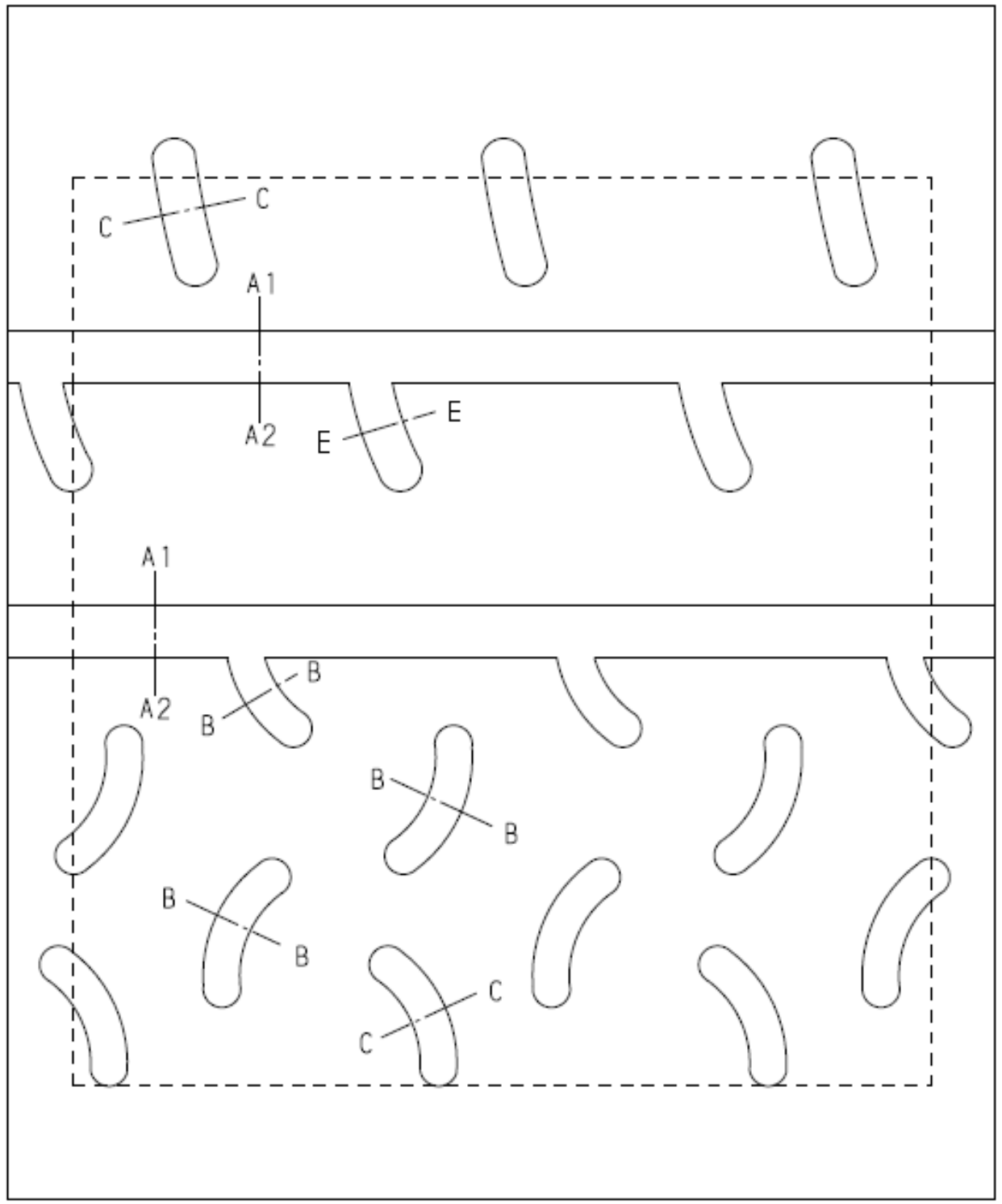
PATTERN NAME
A051A

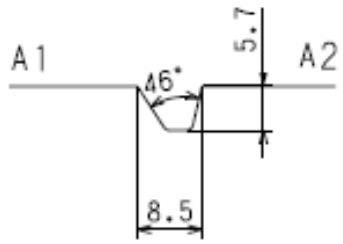
SIZE 190/600R16

YOKOHAMA

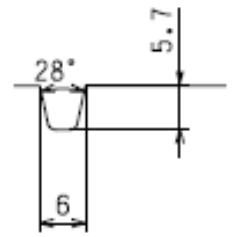
16" – 190/600-16

Date of publication: 20/06/2017

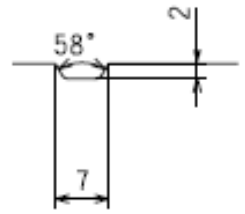




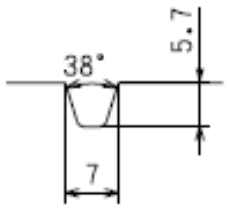
SEC. A1–A2



SEC. B–B



SEC. C–C



SEC. E–E

In the control area
5.5mm grooves-18.2%
Total grooves-21.6%

------- Control area 148X140

PRODUCT NAME
YOKOHAMA ADVAN A051T

PATTERN NAME
A051A

SIZE 190/580R15

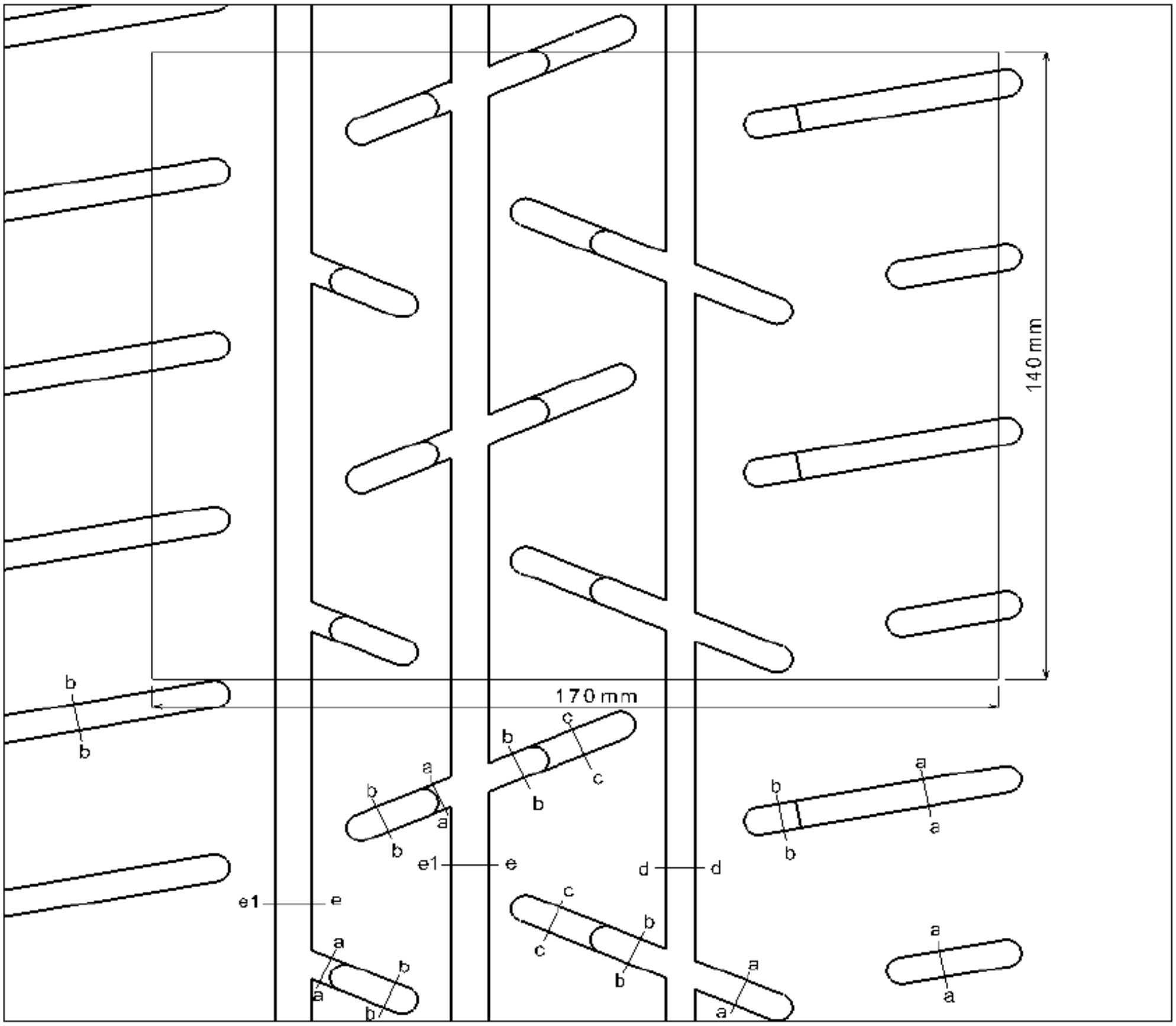
YOKOHAMA

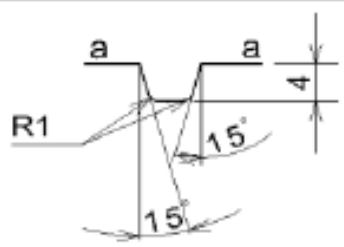
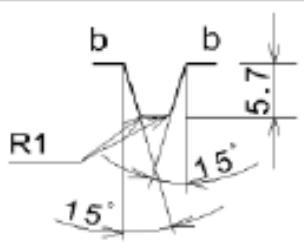
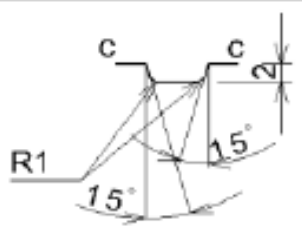
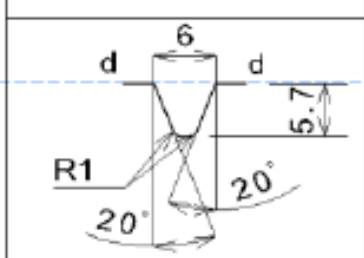
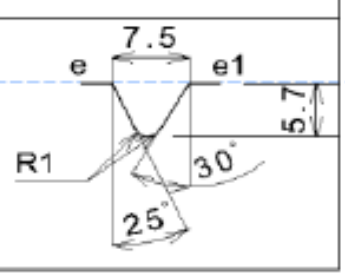
15" – 190/580-15

Date of publication: 20/06/2017

18” - 210/650R18

Product : Ventus Z205



Sec. a-a	Sec. b-b	Sec. c-c
		
Sec. d-d	**Sec. e-e1**	
		

Claass 9” (Rim 8”)

Empty Depth > 5.5mm : 17.07%

Empty Depth > 1.8mm : 23.30%

GROOVE SURFACE AREA = 554540 mm^2

Control Surface = 23800 mm^2

NEW

18" - 210/650R18

Product : Ventus Z210



Class 9" (Rim 8")

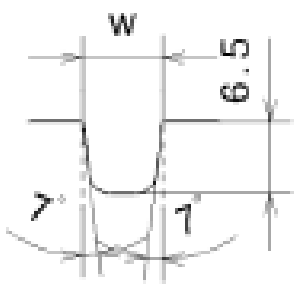
a – a groove width / depth : 8.2 mm / 6.5 mm

b – b groove width / depth : 8.0 mm / 6.5 mm

Empty Depth > 5.5mm : 27.5%

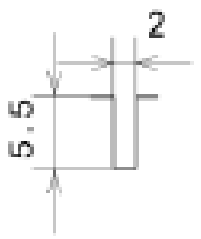
Control Surface = 23800 mm²

SEC : a – a, b – b



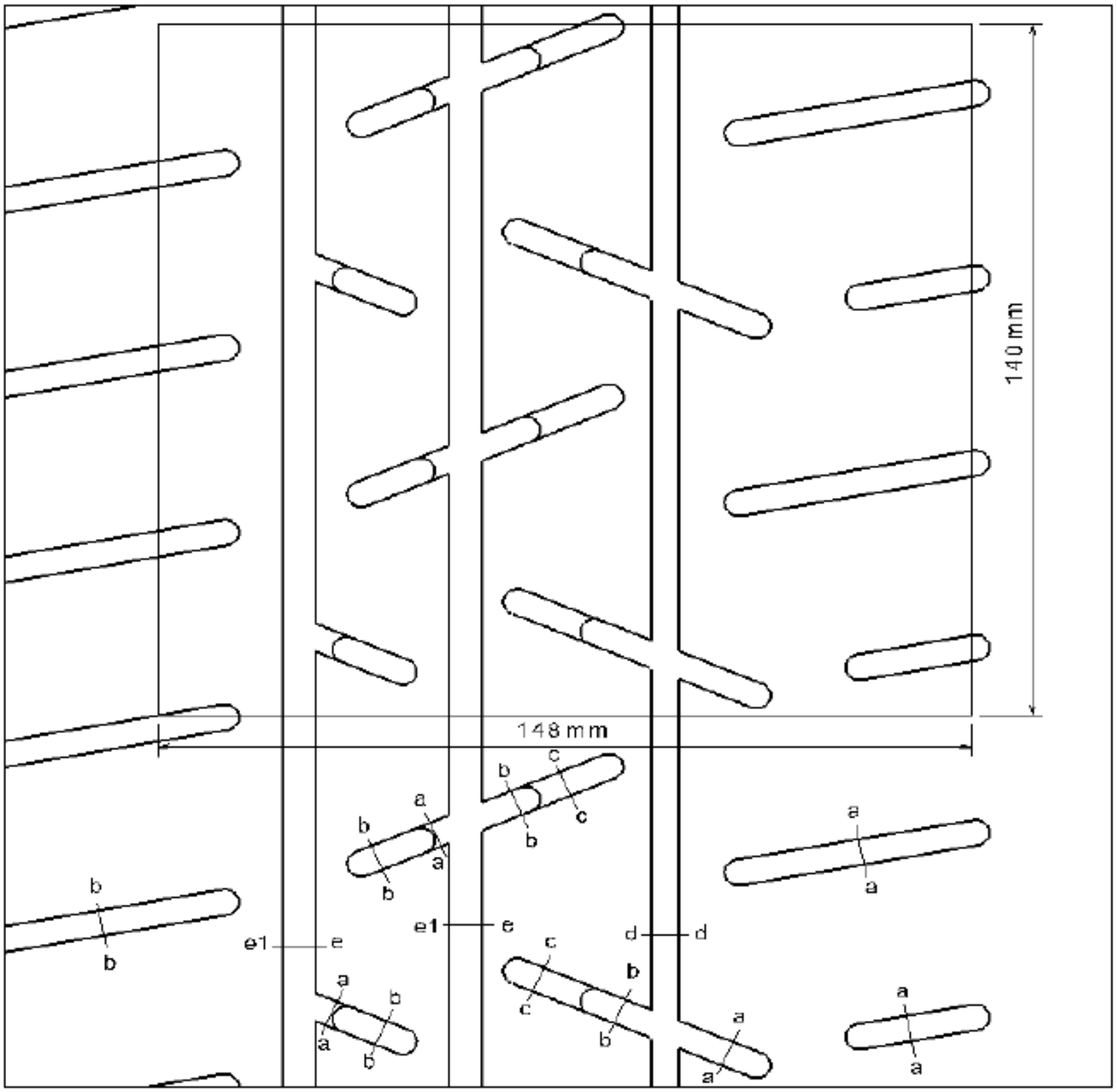
	w
a – a	8.2
b – b	8.0

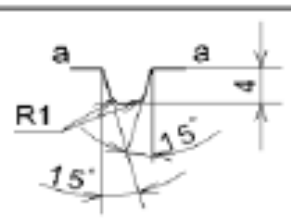
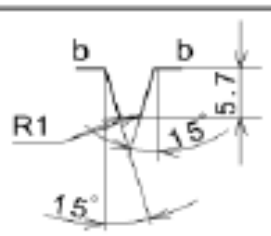
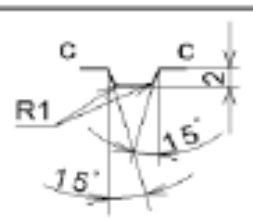
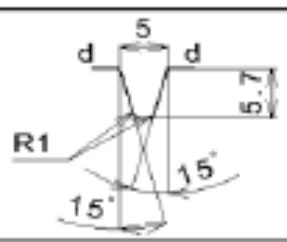
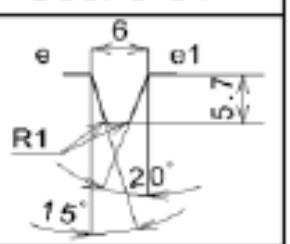
SEC : c – c



17” - 180/625R17

Product : Ventus Z205



Sec. a-a	Sec. b-b	Sec. c-c
		
Sec. d-d	**Sec. e-e1**	
		

Claass 8” (Rim 7”)

Empty Depth > 5.5mm : 17.06%

Empty Depth > 1.8mm : 22.48%

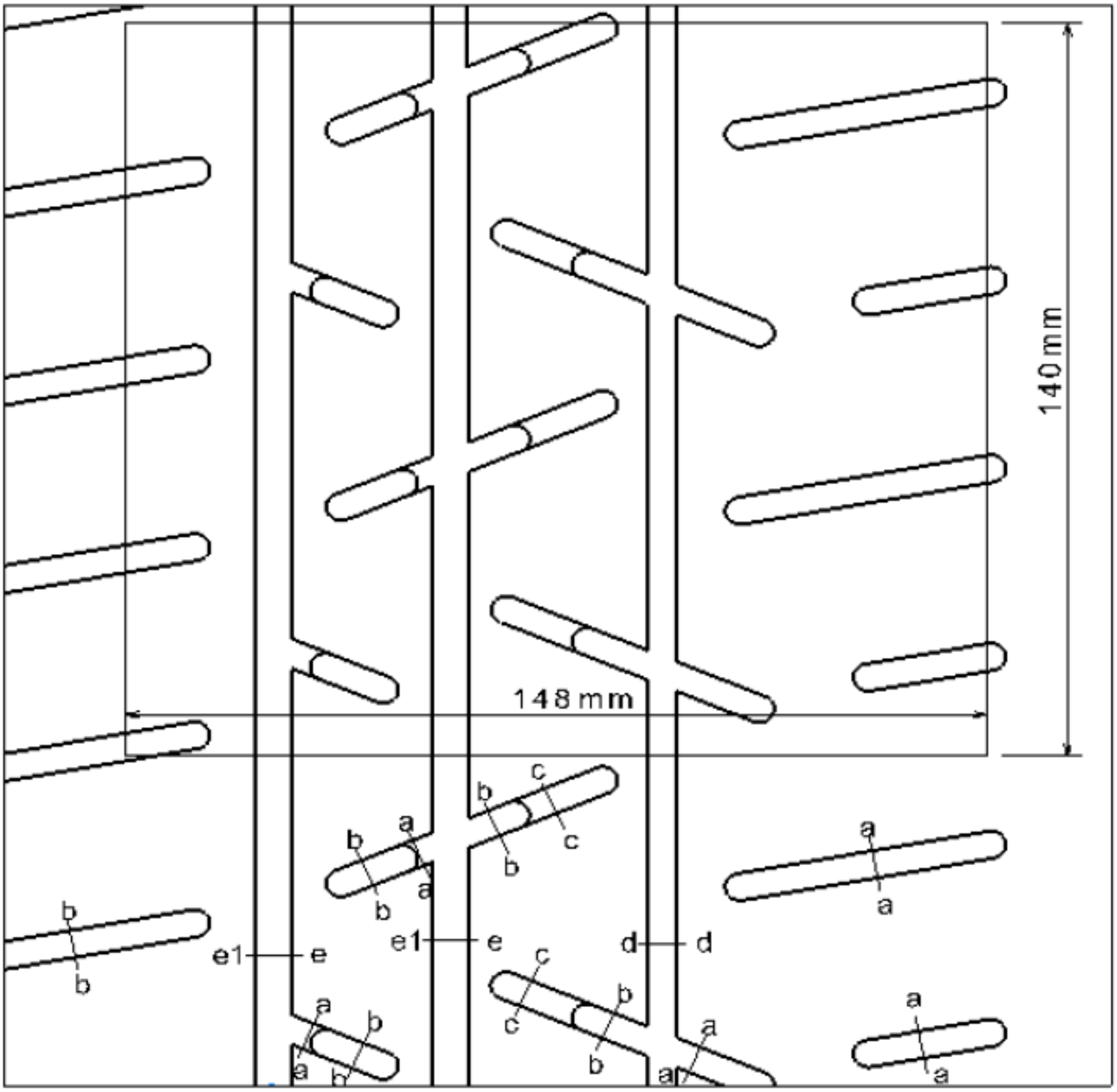
8

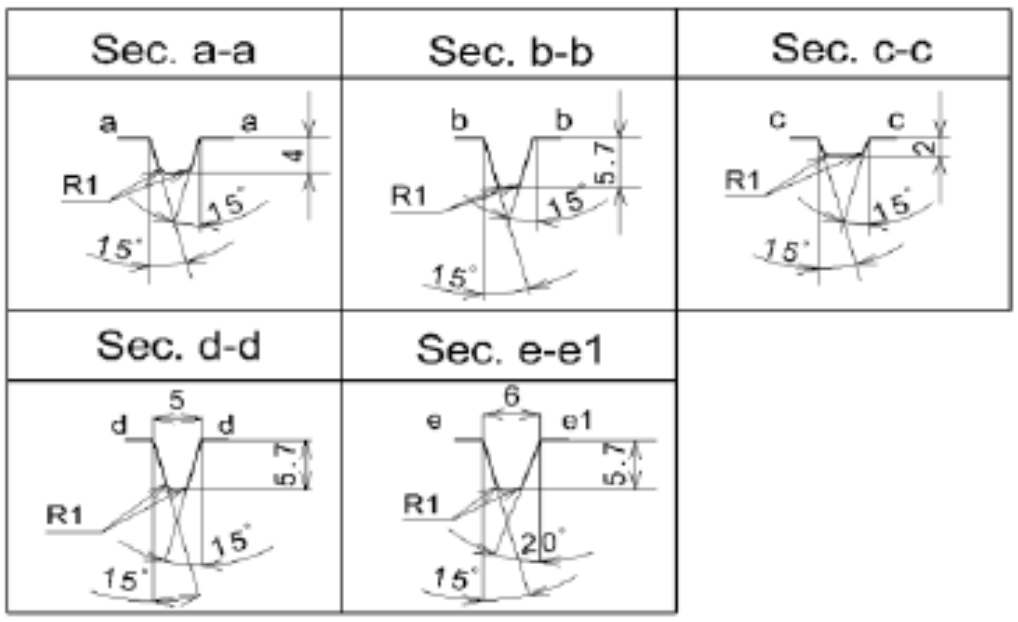
GROOVE SURFACE AREA = 353483.2 mm^2

Control Surface = 20720 mm^2

16” - 180/600R16

Product : Ventus Z205





Claass 8” (Rim 6.5”)

Empty Depth > 5.5mm : 17.30%

Empty Depth > 1.8mm : 22.95%

GROOVE SURFACE AREA = 358456 mm^2

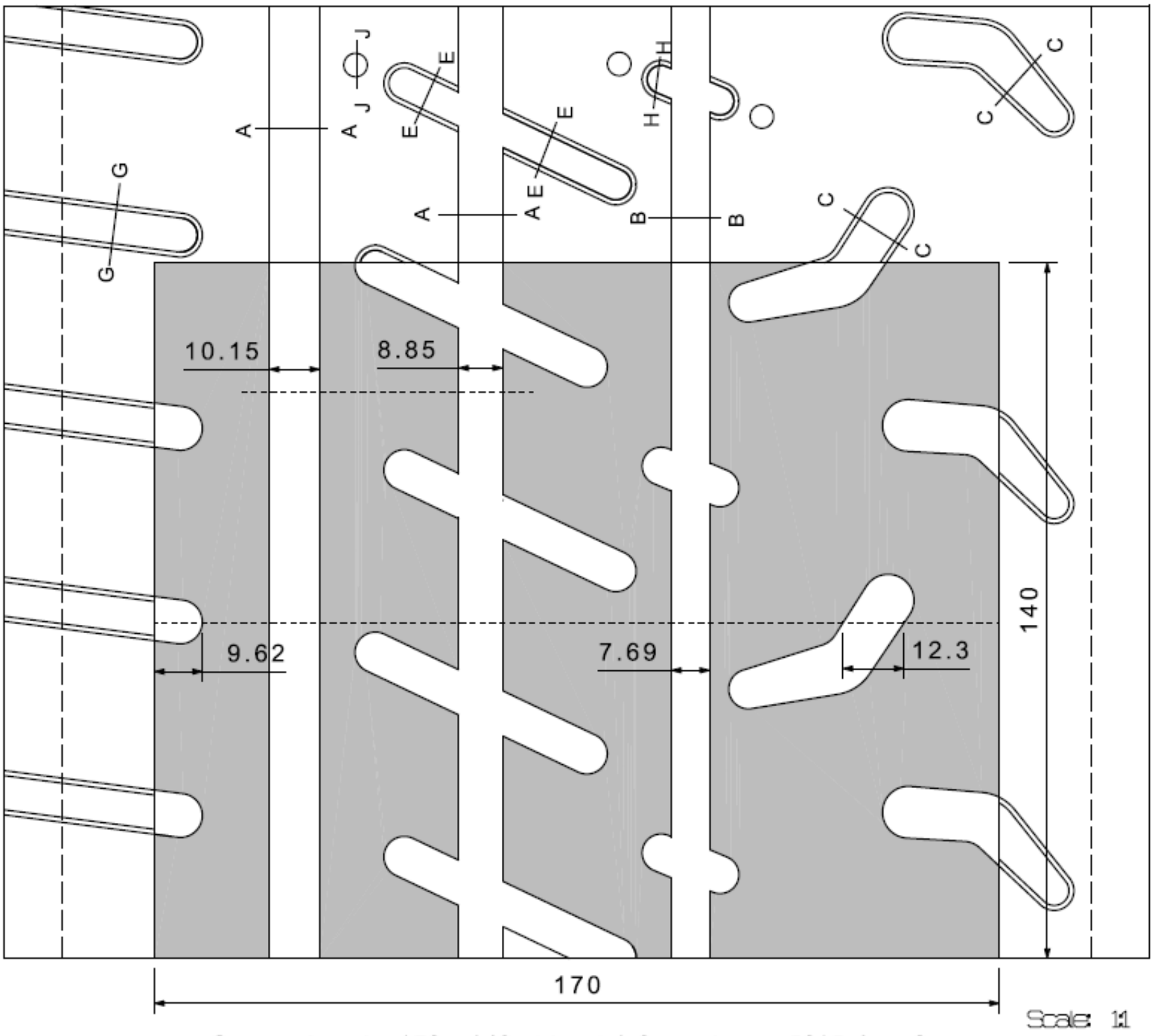
Control Surface = 20720 mm^2

18” - 210/645R18

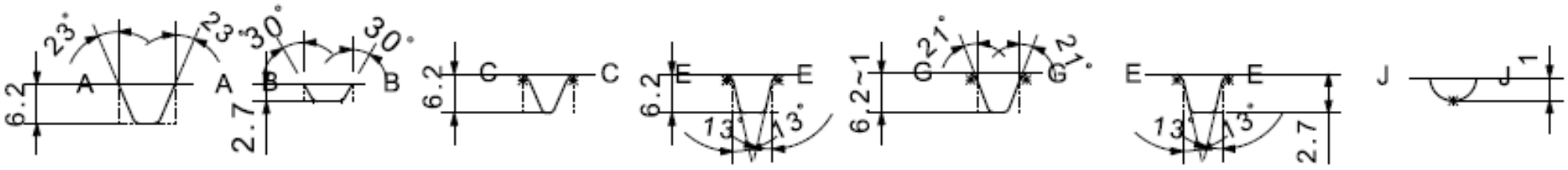
KUMHO TYRES

Moulded tyre for FIA homologation
Size : 210/645R18
Pattern : TM01

On the basis of a tread pattern width of 170mm and circumference of 140mm
* The surface taken up by grooves at least 5.5 mm deep, with a maximum angle of 60° between the block in section and 2mm wide, must occupy at least 17% of the total surface.
* The surface taken up by grooves at least 1.8 mm deep, with a maximum angle of 60° between the block in section and 2mm wide, must occupy at least 21.5% of the total surface.
* The sum of the width of the grooves encountered by a radial line must be at least 16mm
* At least 2 circumferential lines / Minimum total width of circumferential lines at least 12mm



Groove Area by 170 x 140 at least 1.8mm deep : 5815.4mm2
Void % : 24.4%
Groove Area by 170 x 140 at least 5.5mm deep : 4580.7mm2
Void % : 19.2%



Sec. A-A Sec. B-B Sec. C-C Sec. E-E Sec. G-G Sec. H-H Sec. J-J

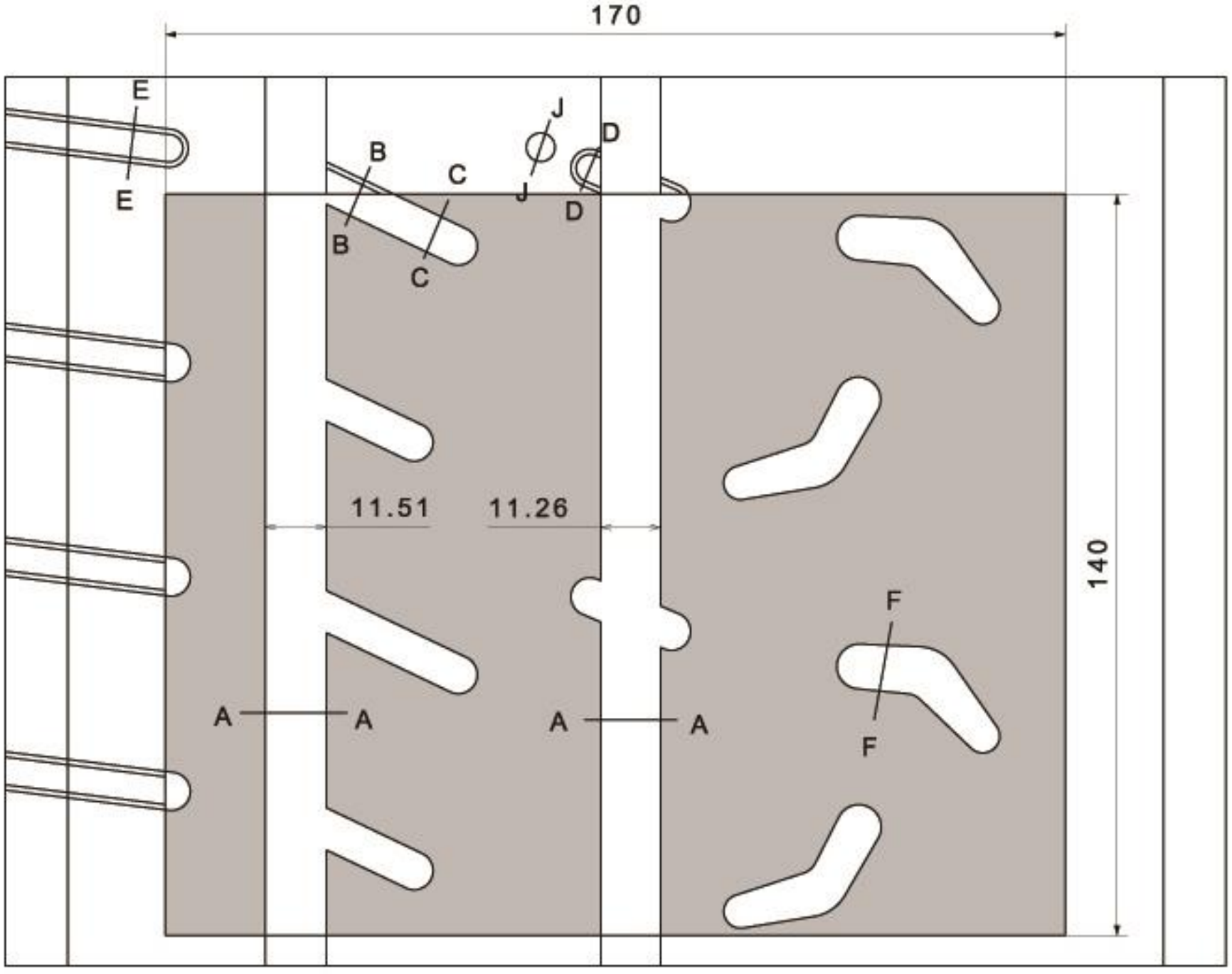
18” - 210/645R18

KUMHO TYRES

KUMHO TIRE

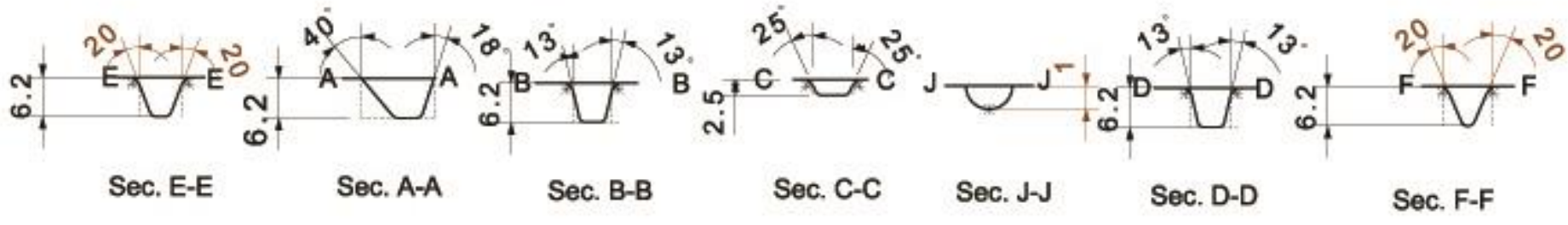
Moulded tyre for FIA homologation
Size : 210/645R18
Pattern : TM02

On the basis of a tread pattern width of 170mm and circumference of 140mm
- The surface taken up by grooves at least 5.5 mm deep, with a maximum angle of 60° between the block in section and 2mm wide, must occupy at least 17% of the total surface.
- The surface taken up by grooves at least 1.8 mm deep, with a maximum angle of 60° between the block in section and 2mm wide, must occupy at least 21.5% of the total surface.
- The sum of the width of the grooves encountered by a radial line must be at least 16mm
- At least 2 circumferential lines / Minimum total width of circumferential lines at least 12mm



Scale: 1:1

Groove Area by 170 x 140 at least 1.8mm deep : 5159mm2
Void % : 21.7%
Groove Area by 170 x 140 at least 5.5mm deep : 4446mm2
Void % : 18.7%



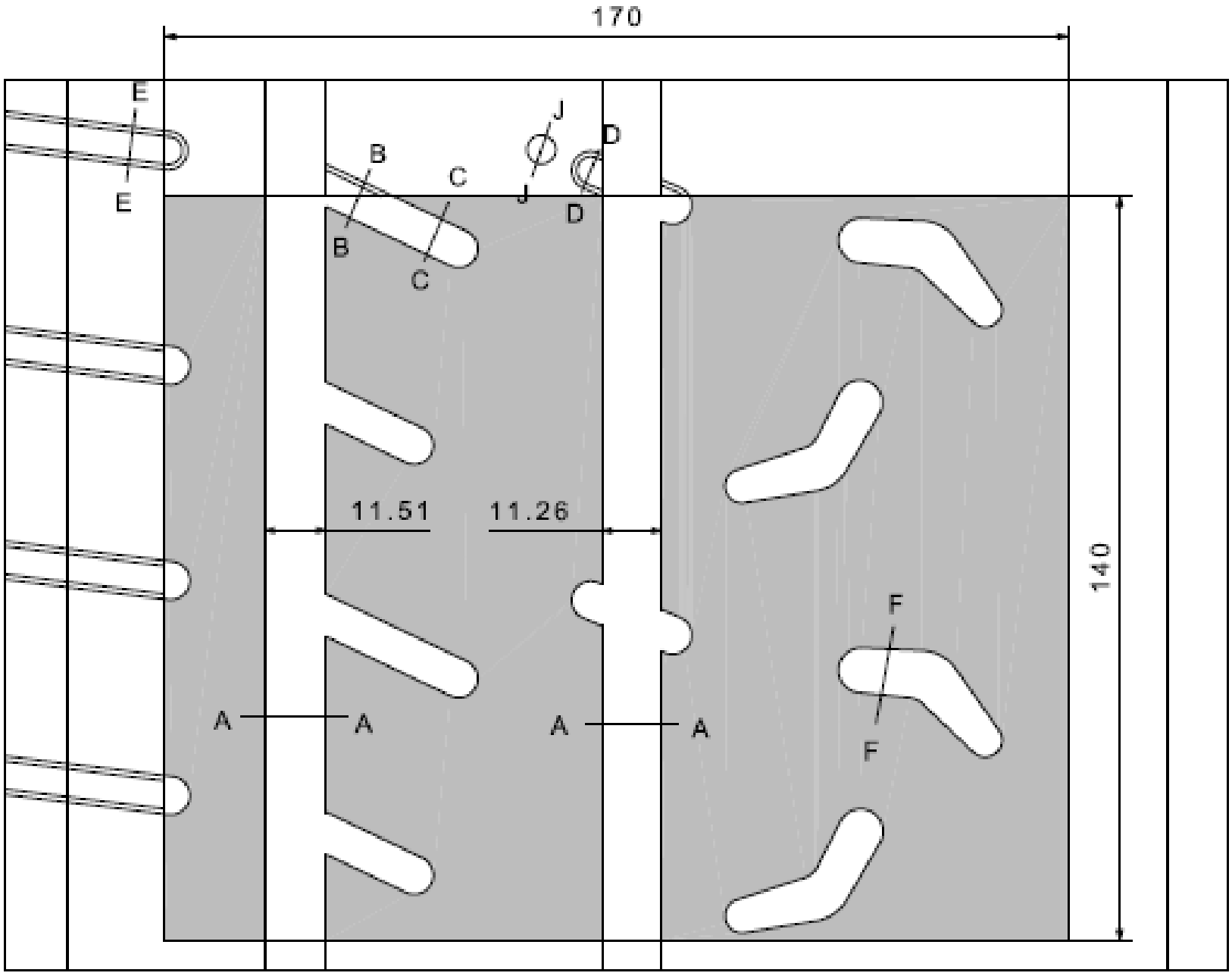
18” - 210/645R18

KUMHO TYRES

KUMHO TIRE

Moulded tyre for FIA homologation
Size : 210/645R18
Pattern : TM02

On the basis of a tread pattern width of 170mm and circumference of 140mm
- The surface taken up by grooves at least 5.5 mm deep, with a maximum angle of 60° between the block in section and 2mm wide, must occupy at least 17% of the total surface.
- The surface taken up by grooves at least 1.8 mm deep, with a maximum angle of 60° between the block in section and 2mm wide, must occupy at least 21.5% of the total surface.
- The sum of the width of the grooves encountered by a radial line must be at least 16mm
- At least 2 circumferential lines / Minimum total width of circumferential lines at least 12mm



Scale: 1:1

Groove Area by 170 x 140 at least 1.8mm deep : 5159mm2
Void % : 21.7%
Groove Area by 170 x 140 at least 5.5mm deep : 4446mm2
Void % : 18.7%

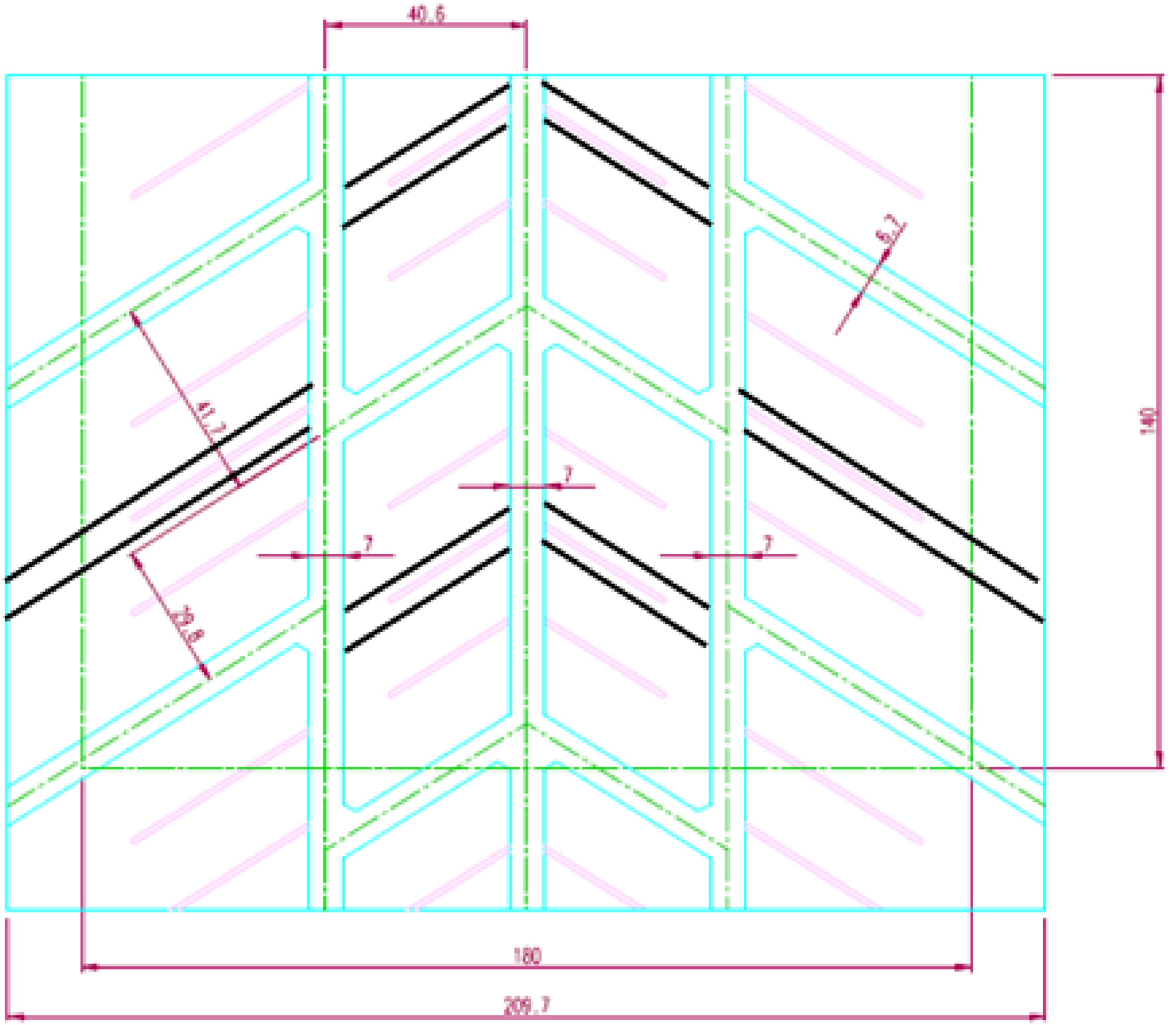


Sec. E-E Sec. A-A Sec. B-B Sec. C-C Sec. J-J Sec. D-D Sec. F-F

18” - 210/645R18

Valid until 31.12.2017

MODIFICATION OF EXISTING KUMHO TW02 TO GIVE >27.5% VOID (HANDCUT GROOVES 6.7mm)



17” - 190/630R17

KUMHO TYRES

KUMHO TIRE

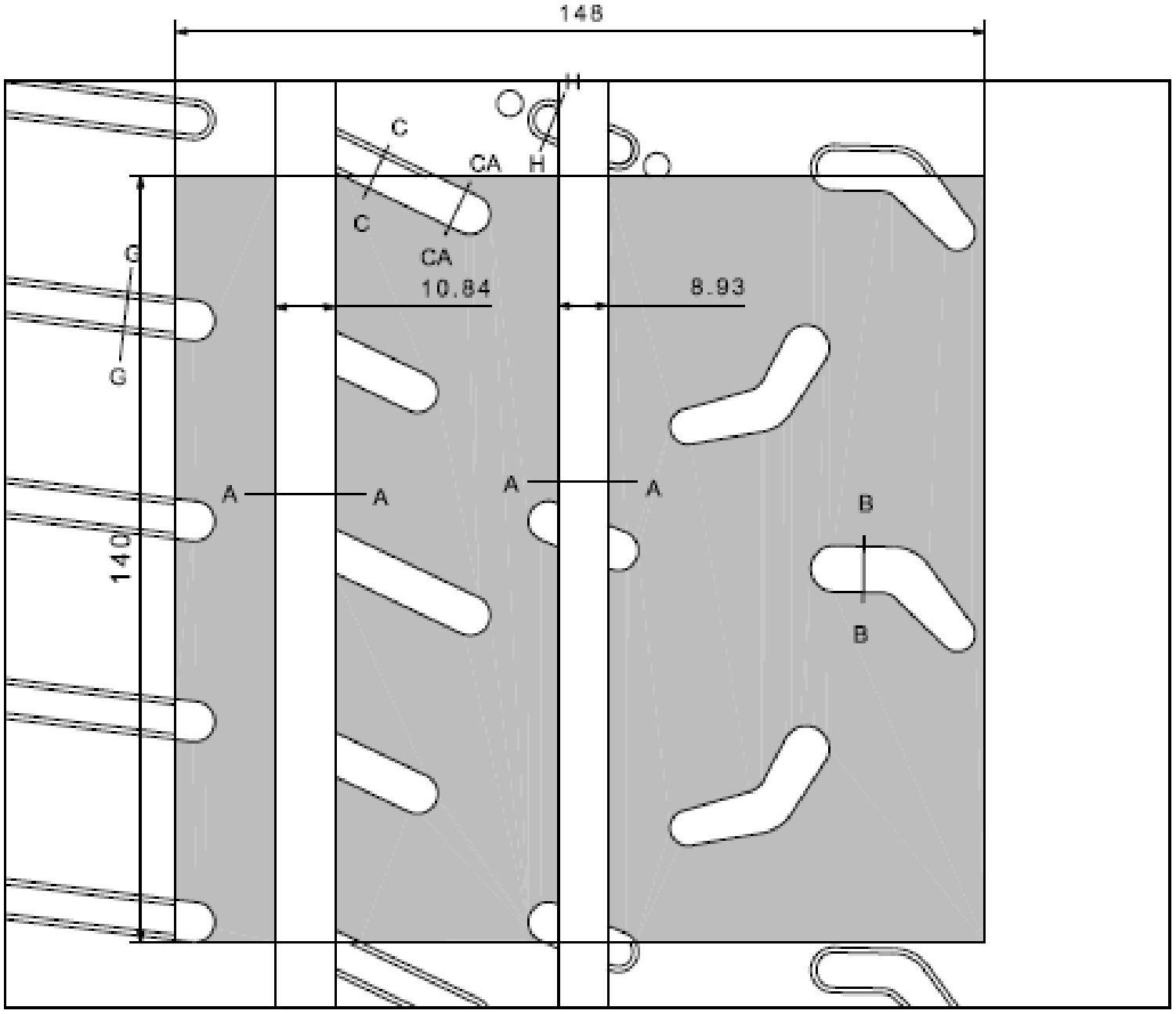
Moulded tyre for FIA homologation

Size : 190/630 R17

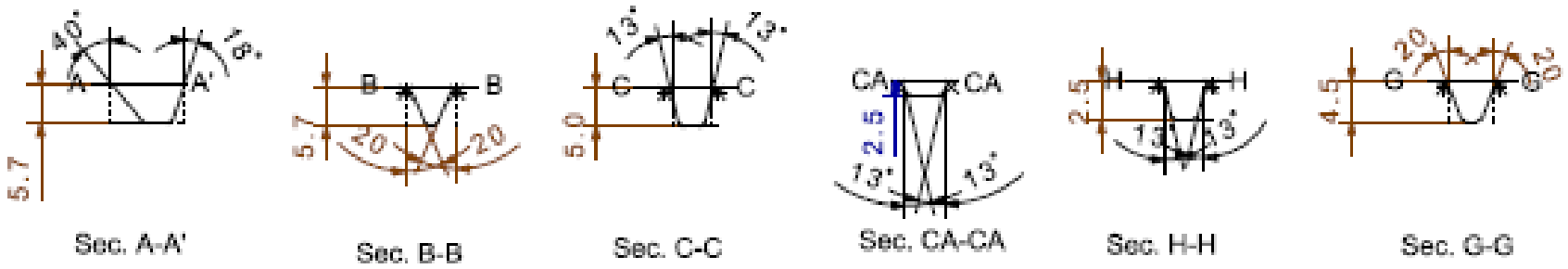
Pattern : TM02

On the basis of a tread pattern width of 148mm and circumference of 140mm

- The surface taken up by grooves at least 5.5 mm deep, with a maximum angle of 60° between the block in section and 2mm wide, must occupy at least 17% of the total surface.
- The surface taken up by grooves at least 1.8 mm deep, with a maximum angle of 60° between the block in section and 2mm wide, must occupy at least 21.5% of the total surface.
- The sum of the width of the grooves encountered by a radial line must be at least 16mm
- At least 2 circumferential lines / Minimum total width of circumferential lines at least 12mm



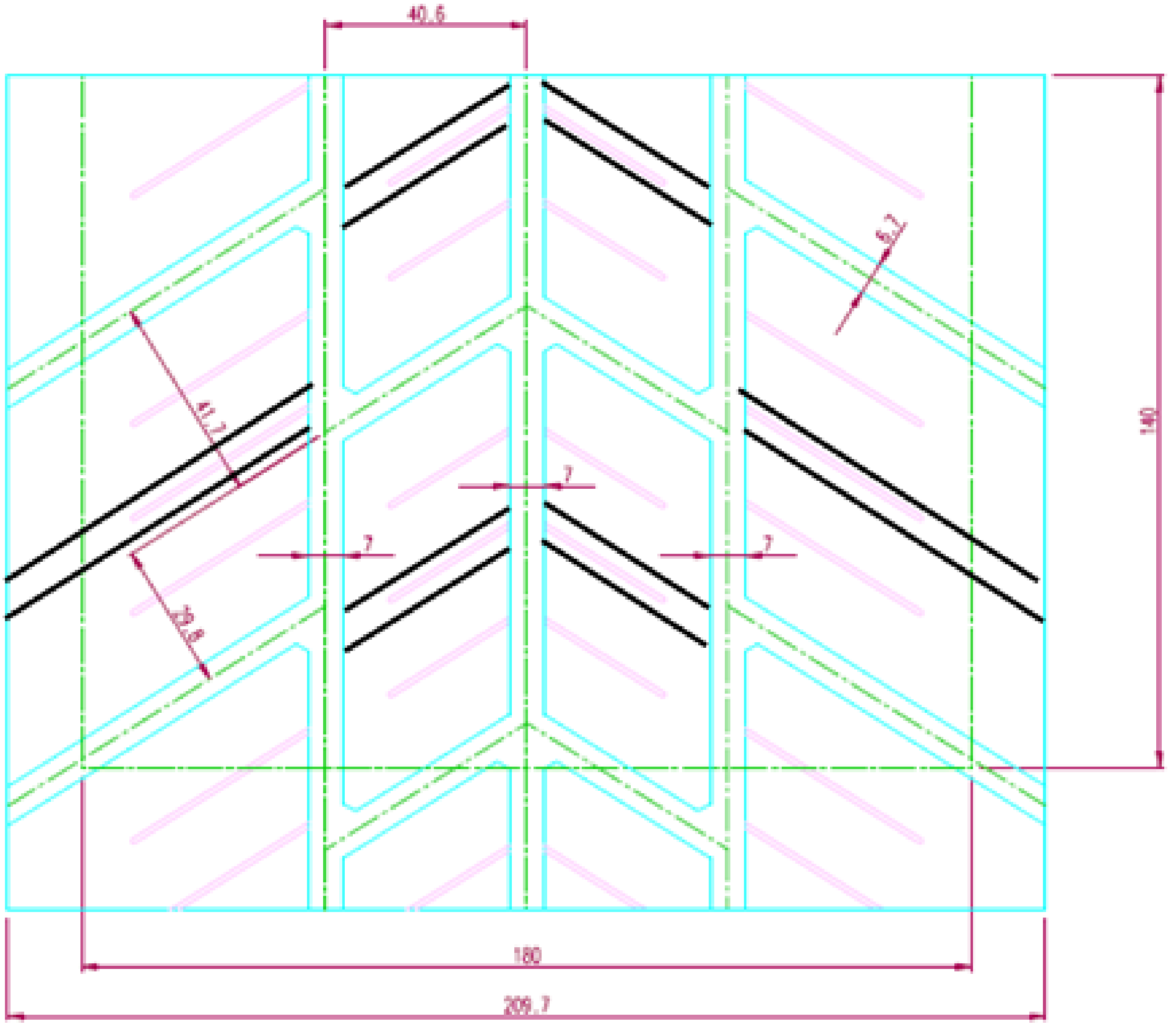
Groove Area by 148 x 140 at least 1.8mm deep : 4579.1mm2
Void % : 22.1%
Groove Area by 148 x 140 at least 5.5mm deep : 3688.1mm2
Void % : 17.8%



17” - 210/645R17

Valid until 31.12.2017

MODIFICATION OF EXISTING KUMHO TW02 TO GIVE >27.5% VOID (HANDCUT GROOVES 6.7mm)



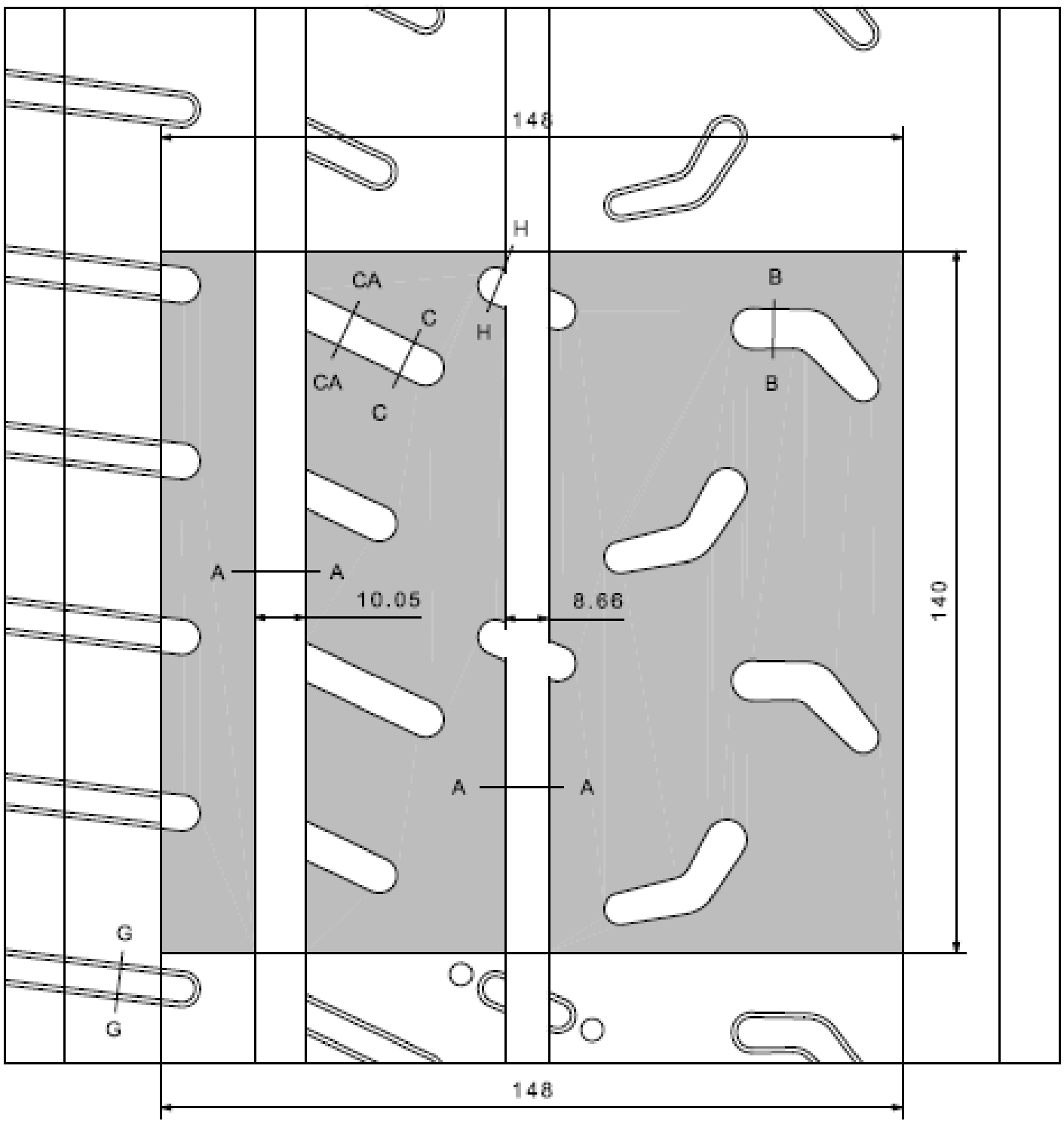
16” - 190/600R16

KUMHO TYRES

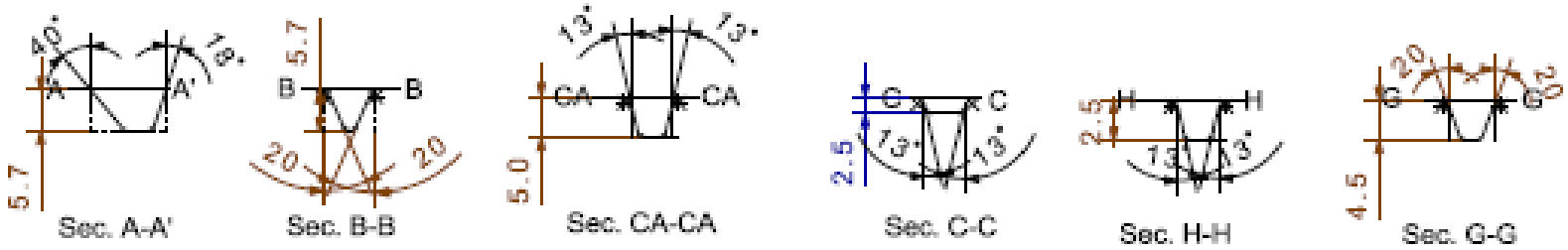
KUMHO TIRE

Moulded tyre for FIA homologation
Size : 190/600 R16
Pattern : TM02

On the basis of a tread pattern width of 148mm and circumference of 140mm
- The surface taken up by grooves at least 5.5 mm deep, with a maximum angle of 60° between the block in section and 2mm wide, must occupy at least 17% of the total surface.
- The surface taken up by grooves at least 1.8 mm deep, with a maximum angle of 60° between the block in section and 2mm wide, must occupy at least 21.5% of the total surface.
- The sum of the width of the grooves encountered by a radial line must be at least 16mm
- At least 2 circumferential lines / Minimum total width of circumferential lines at least 12mm



Groove Area by 148 x 140 at least 1.8mm deep : 4579.1mm2
Void % : 22.1%
Groove Area by 148 x 140 at least 5.5mm deep : 3584.5mm2
Void % : 17.3%



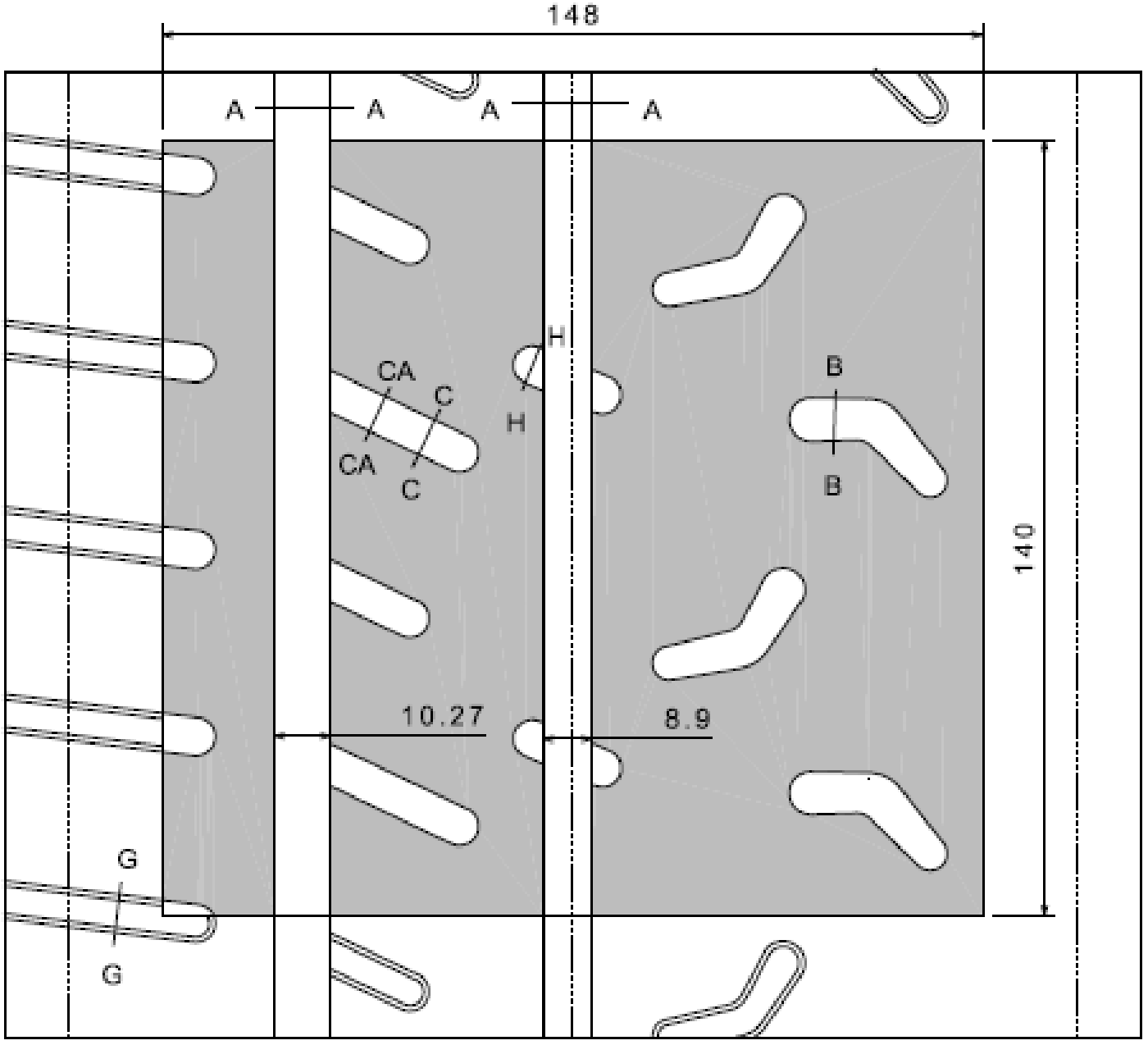
15” - 180/580R15

KUMHO TYRES

KUMHO TIRE

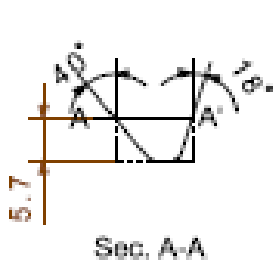
Moulded tyre for FIA homologation
Size : 180/580 R15
Pattern : TM02

On the basis of a tread pattern width of 148mm and circumference of 140mm
- The surface taken up by grooves at least 5.5 mm deep, with a maximum angle of 60° between the block in section and 2mm wide, must occupy at least 17% of the total surface.
- The surface taken up by grooves at least 1.8 mm deep, with a maximum angle of 60° between the block in section and 2mm wide, must occupy at least 21.5% of the total surface.
- The sum of the width of the grooves encountered by a radial line must be at least 16mm
- At least 2 circumferential lines / Minimum total width of circumferential lines at least 12mm

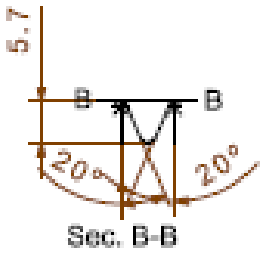


Scale 1:1

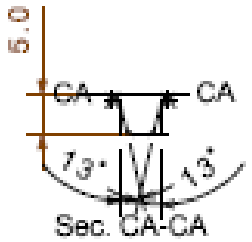
Groove Area by 148 x 140 at least 1.8mm deep : 4599.8mm2
Void % : 22.2%
Groove Area by 148 x 140 at least 5.5mm deep : 3563.8mm2
Void % : 17.2%



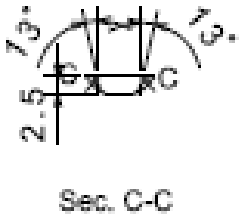
Sec. A-A



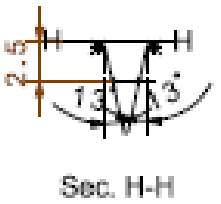
Sec. B-B



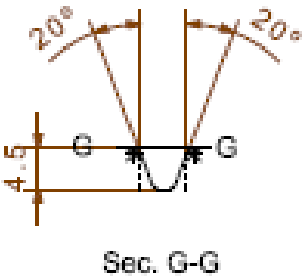
Sec. CA-CA



Sec. C-C



Sec. H-H



Sec. G-G