2021 List of Asphalt Eligible Tyres

MICHELIN — Page 2

DMACK Tyres — Page 17

PIRELLI — Page 29

YOKOHAMA — Page 40

HANKOOK — Page 45

KUMHO TYRE — Page 56

Hoosier RACING TIRE — Page 63

TOYO TIRES — Page 71

MRF TYRES — Page 74

COOPER TIRES — Page 83

MAXSport — Page 88

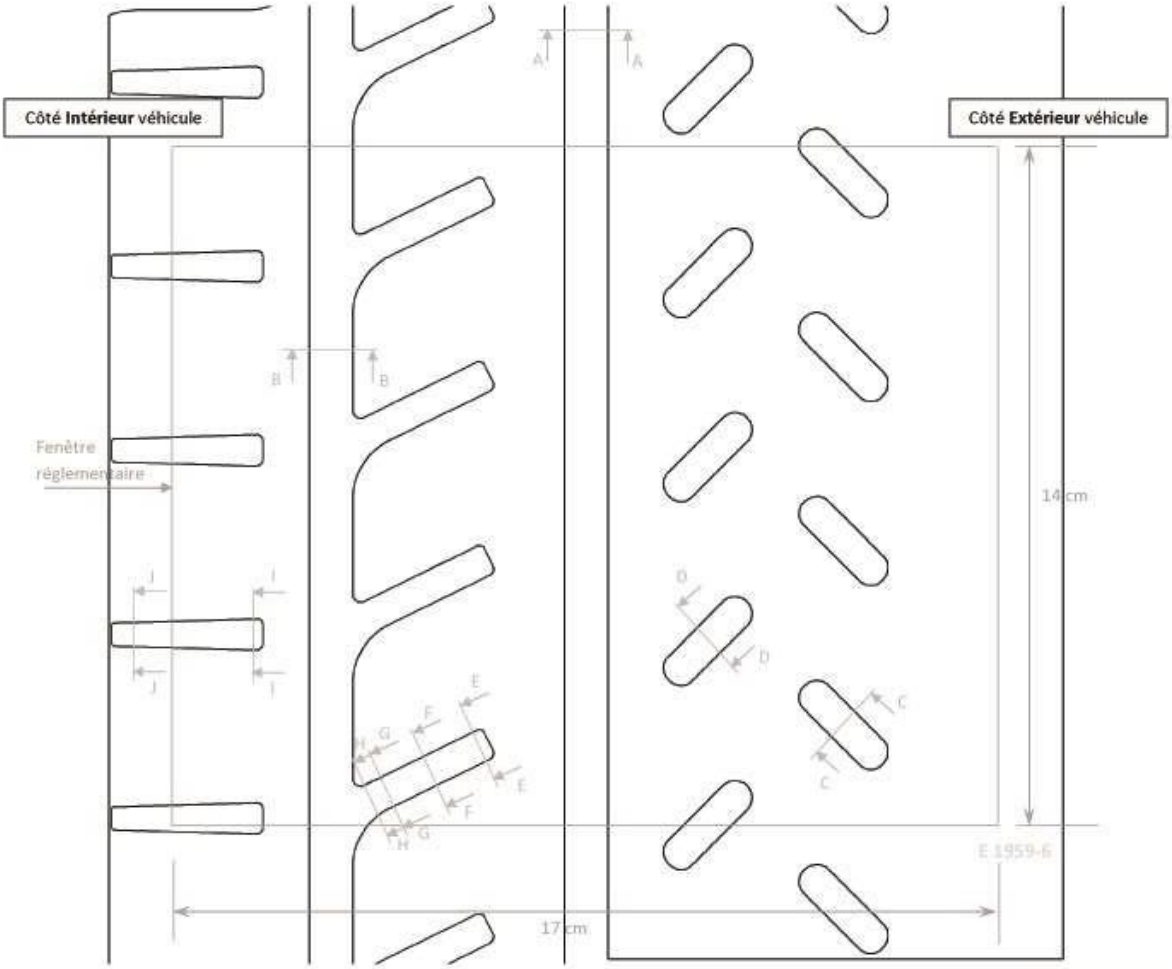
DUNLOP — Page 81

EXTREME PERFORMANCE TYRES — Page 94

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

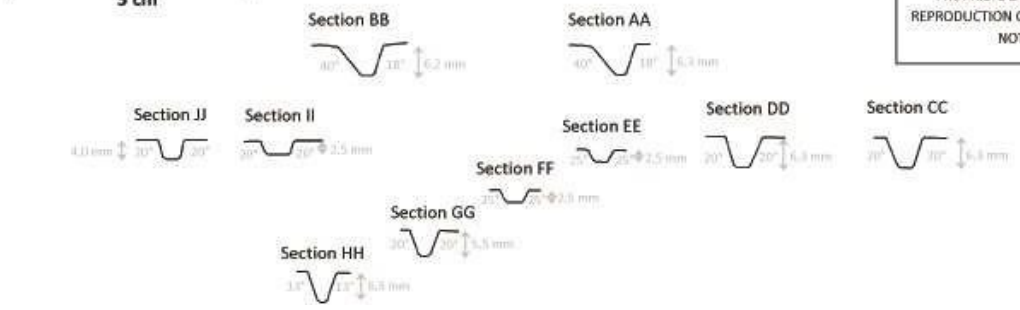


Echelle 1:1

5 cm

MANUFACTURE FRANCAISE DES PNEUMATIQUES
MICHELIN CLERMONT-FERRAND

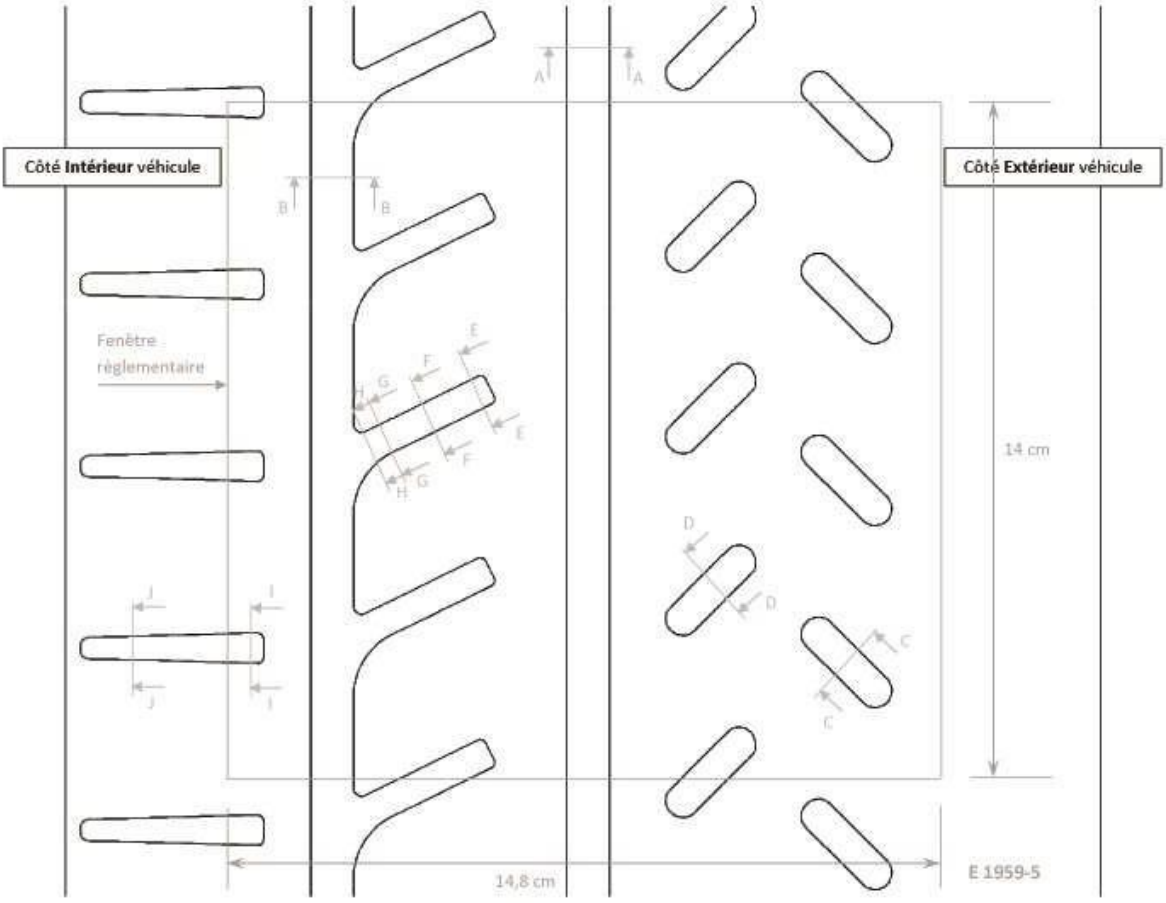
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE
REPRODUCTION OU UTILISATION INTERDITE SANS
NOTRE ACCORD ECRIT



17"-19/63-17

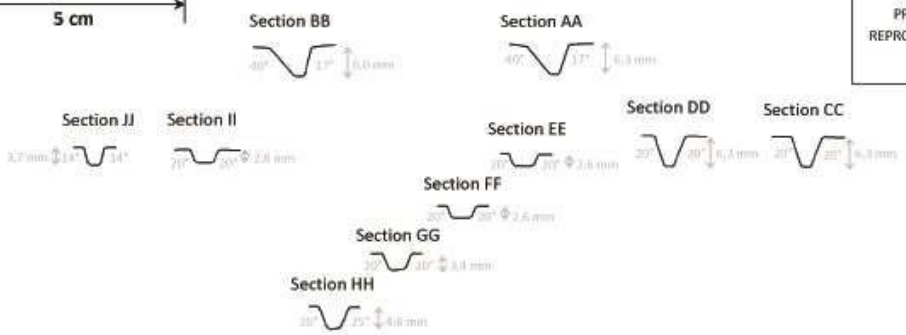
Domaine : Rallye Asphalte
Dimension : **19 / 63 – 17**
Plan de la sculpture : **Pilot Sport R**
Entaillement surfacique sur fenêtre réglementaire : **21,51 %**

Clermont-Ferrand le 05/12/2013



Echelle 1:1

5 cm



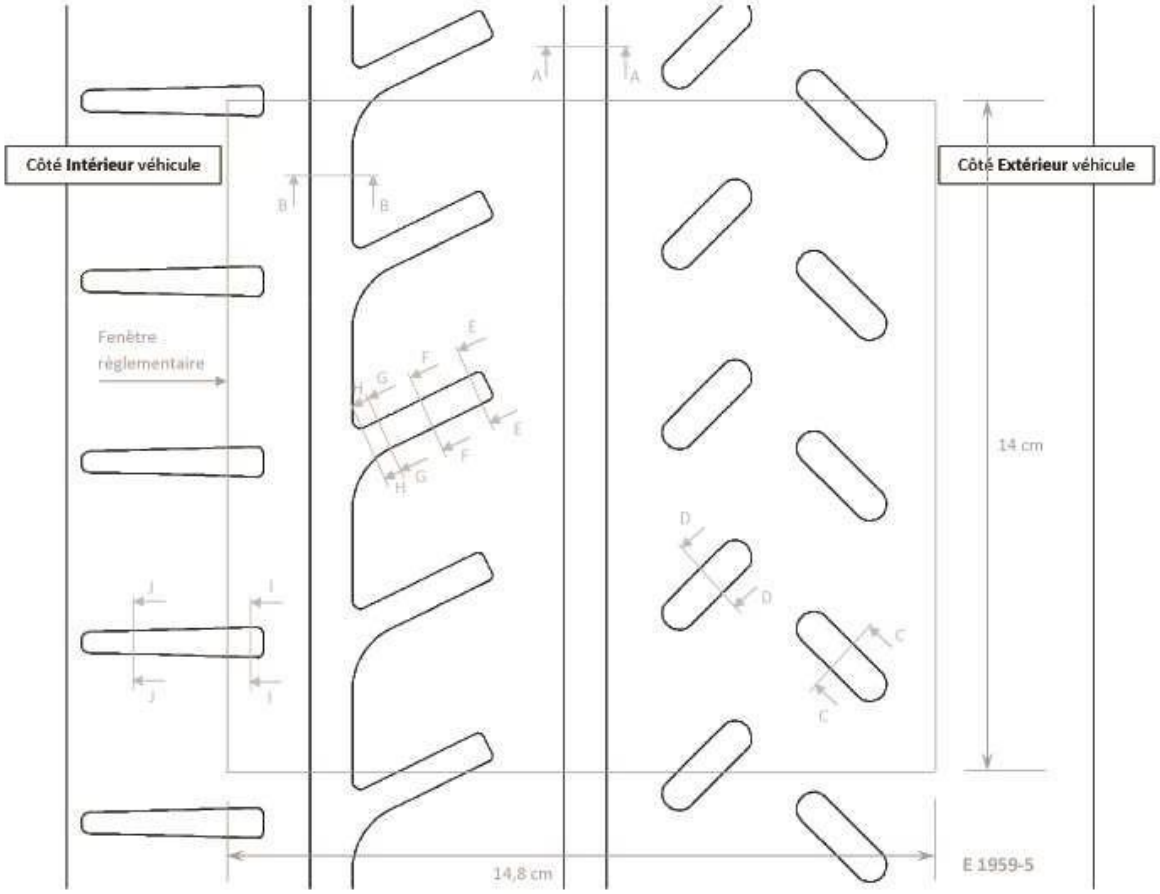
MANUFACTURE FRANCAISE DES PNEUMATIQUES
MICHELIN CLERMONT-FERRAND

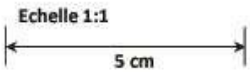
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE
REPRODUCTION OU UTILISATION INTERDITE SANS
NOTRE ACCORD ECRIT

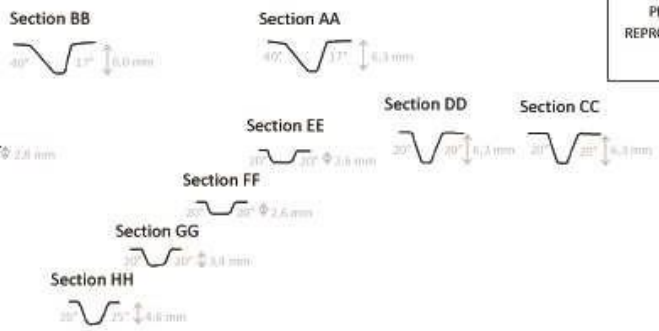
16"-19/60-16

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







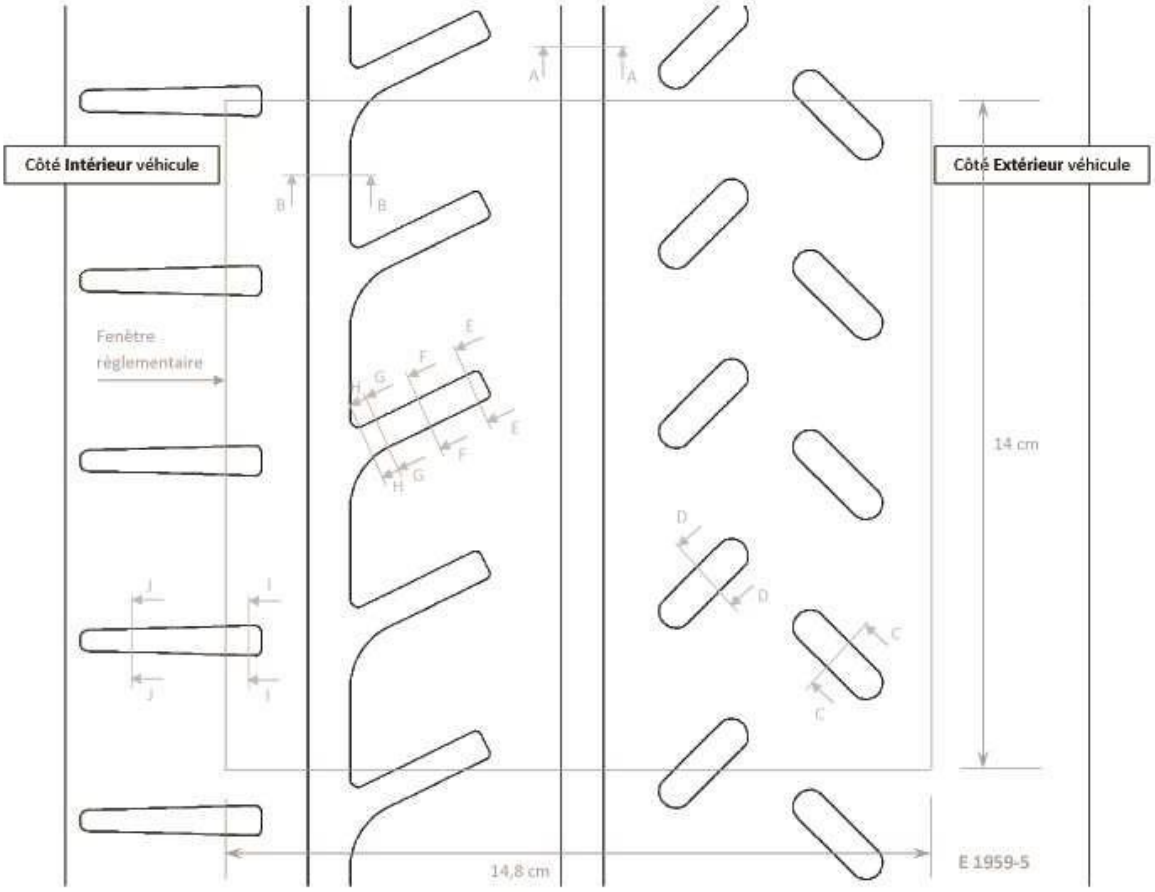
MANUFACTURE FRANCAISE DES PNEUMATIQUES
MICHELIN CLERMONT-FERRAND

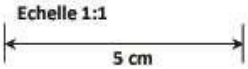
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE
REPRODUCTION OU UTILISATION INTERDITE SANS
NOTRE ACCORD ECRIT

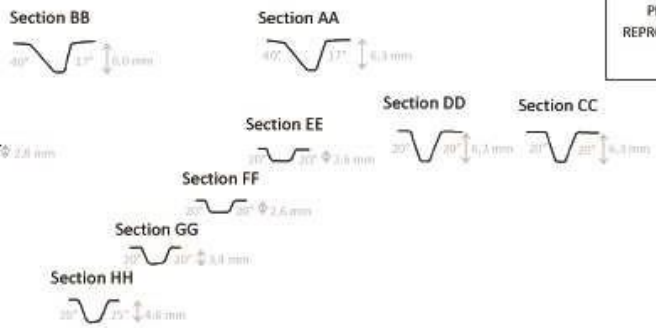
15"-19/58-15

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







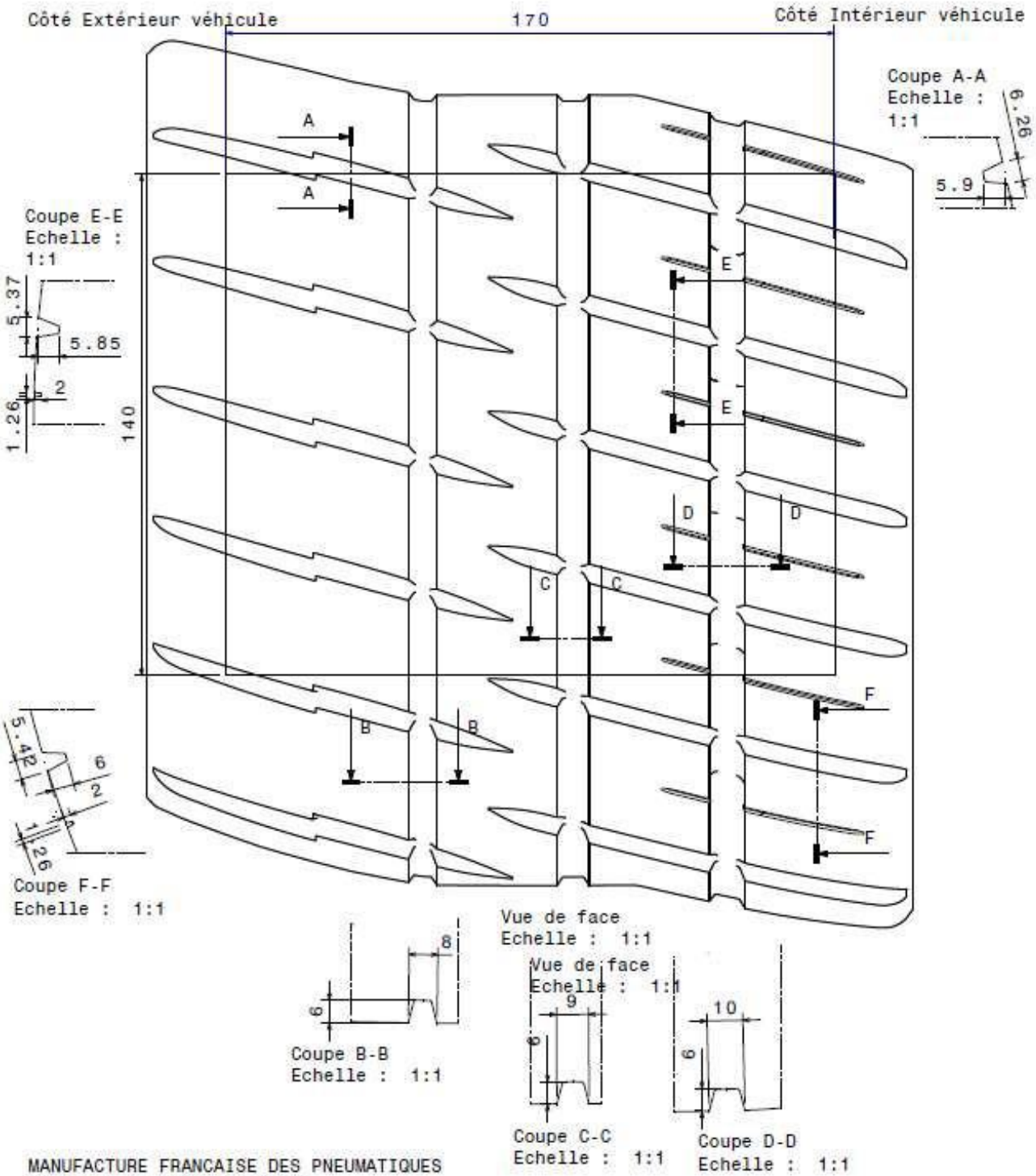
MANUFACTURE FRANCAISE DES PNEUMATIQUES
MICHELIN CLERMONT-FERRAND

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

18”-20/65-18

Domaine : Rallye Asphalte Wet
Dimension : 20 / 65 – 18
Plan de la sculpture : Pilot Sport A MW1
Entaillement Surfacique dans fenêtre
règlementaire > ou = 27.5 % avec les entailles > 1.8 mm de
profondeur comme avec les entailles > 5.5 mm de profondeur.

Clermont-Ferrand le 03/07/2019



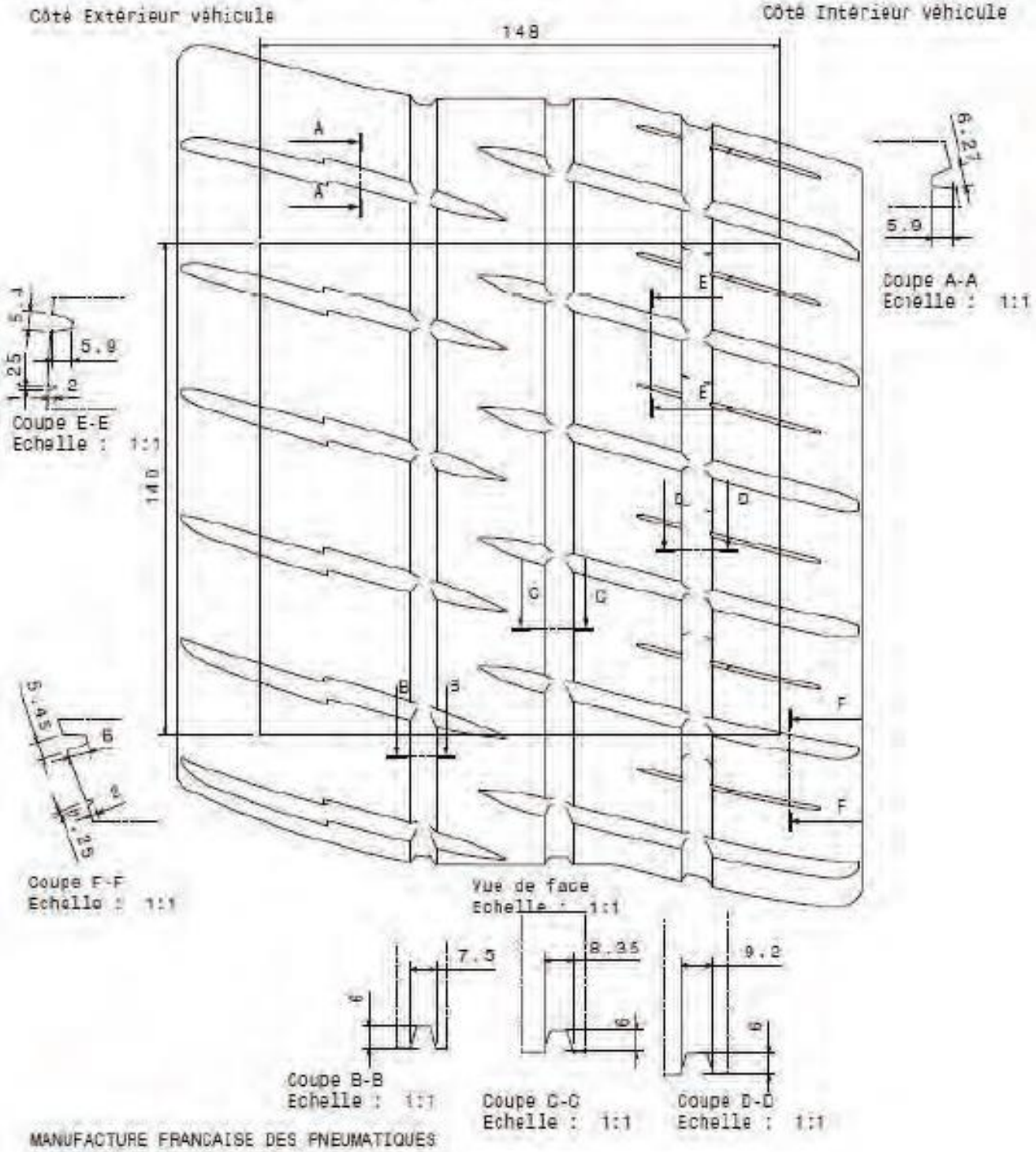
MANUFACTURE FRANCAISE DES PNEUMATIQUES
MICHELIN CLERMONT-FERRAND
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE
REPRODUCTION OU UTILISATION INTERDITE SANS
NOTRE ACCORD ECRIT

17"-19/63-17

Domaine : Rallye Asphalte Wet
Dimension : 19 / 63 - 17
Plan de la sculpture : Pilot Sport A MW1
Entaillement surfacique dans fenêtre
réglementaire > ou = 27.5 % avec les entailles > 1.8 mm de
profondeur comme avec les entailles > 5.5 mm de profondeur.

MICHELIN

Clermont-Ferrand le 18/09/2019



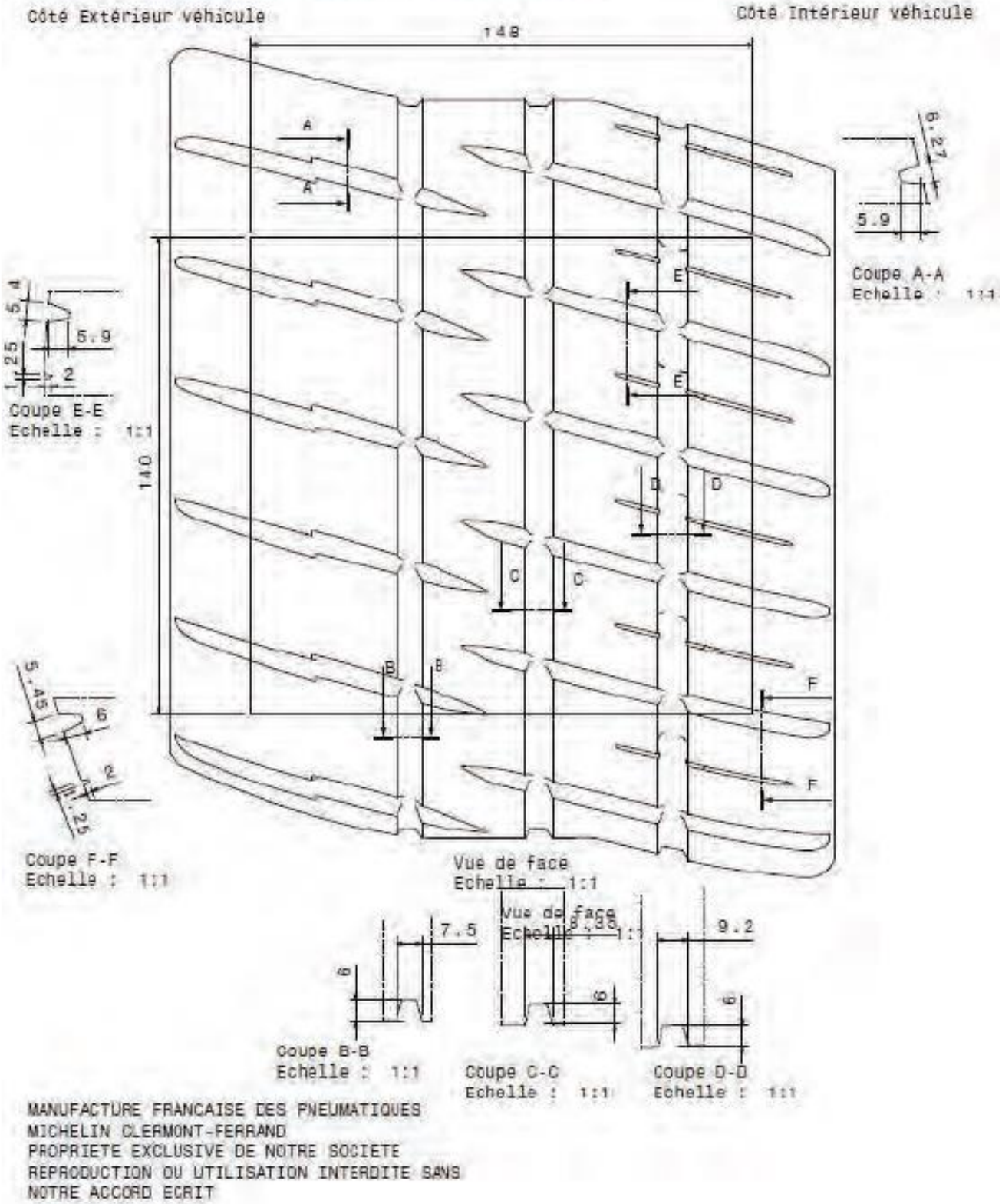
MANUFACTURE FRANCAISE DES PNEUMATIQUES
MICHELIN CLERMONT-FERRAND
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE
REPRODUCTION OU UTILISATION INTERDITE SANS
NOTRE ACCORD ECRIT

16"-19/60-16

Domaine : Rallye Asphalte Wet
Dimension : 19 / 60 – 16
Plan de la sculpture : Pilot Sport A MW1
Entaillement Surfacique dans fenêtre réglementaire > ou = 27.5 % avec les entailles > 1.8 mm de profondeur comme avec les entailles > 5.5 mm de profondeur.

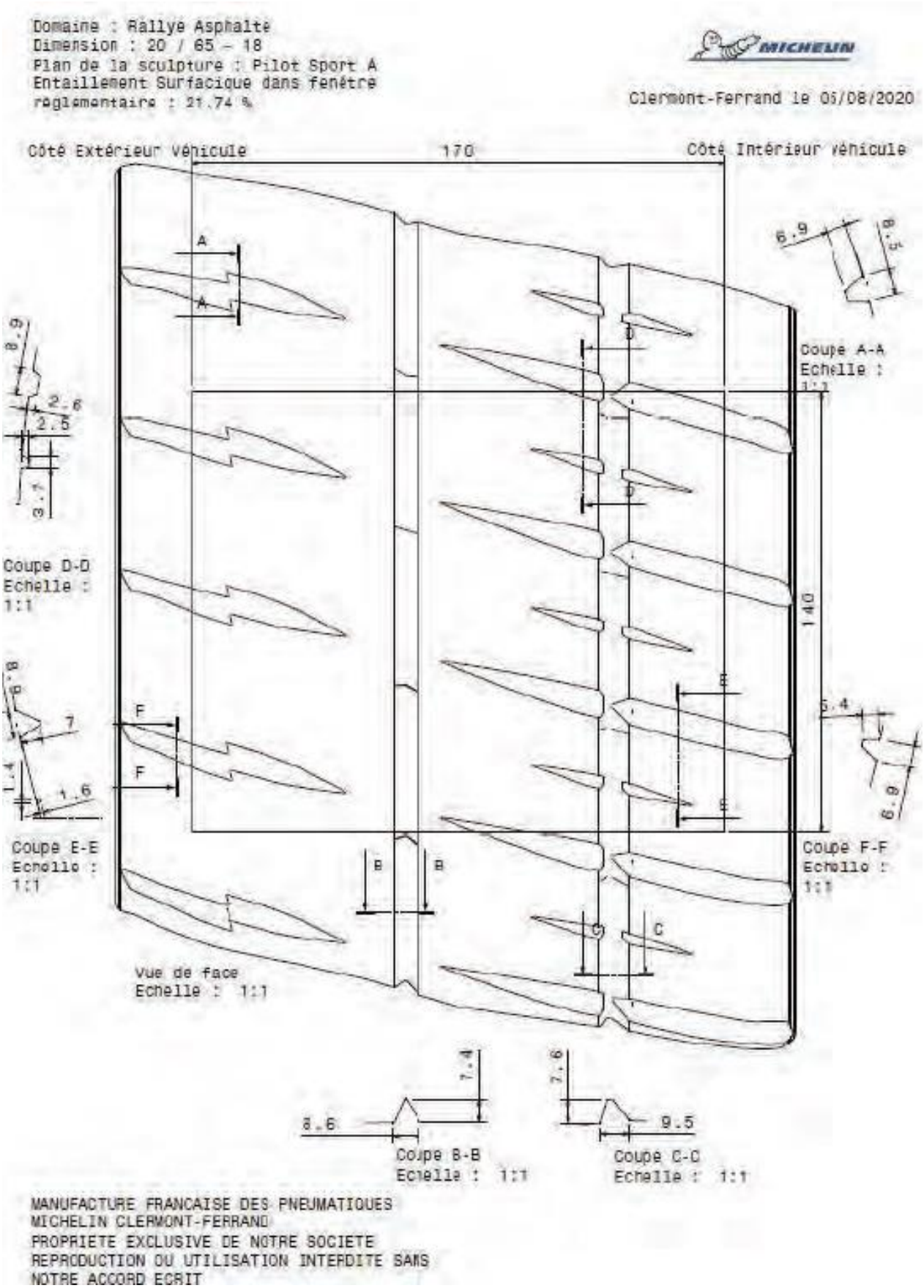
MICHELIN

Clermont-Ferrand le 23/09/2019



MANUFACTURE FRANCAISE DES PNEUMATIQUES
MICHELIN CLERMONT-FERRAND
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE
REPRODUCTION OU UTILISATION INTERDITE SANS
NOTRE ACCORD ECRIT

18” – 20/65-18



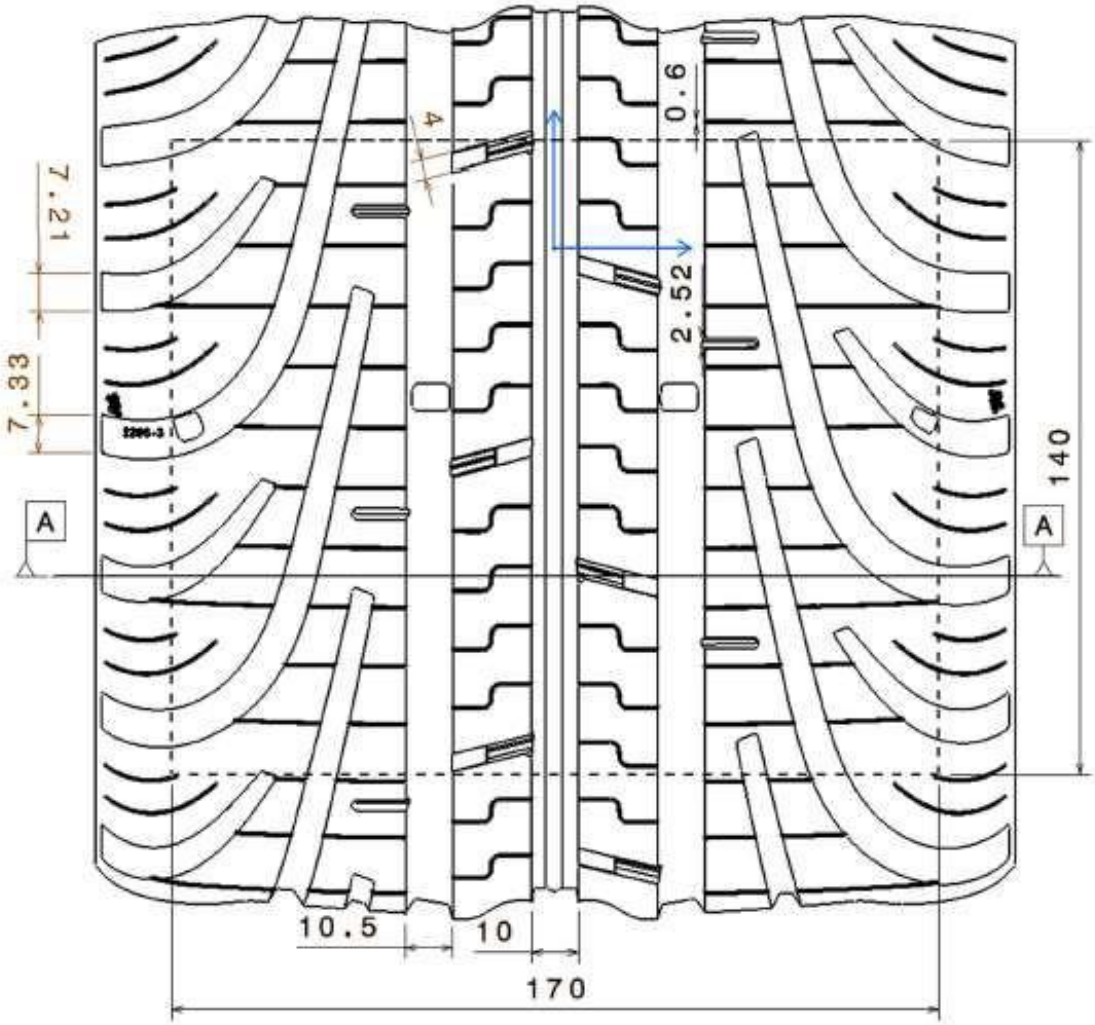
MANUFACTURE FRANCAISE DES PNEUMATIQUES
MICHELIN CLERMONT-FERRAND
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE
REPRODUCTION OU UTILISATION INTERDITE SANS
NOTRE ACCORD ECRIT

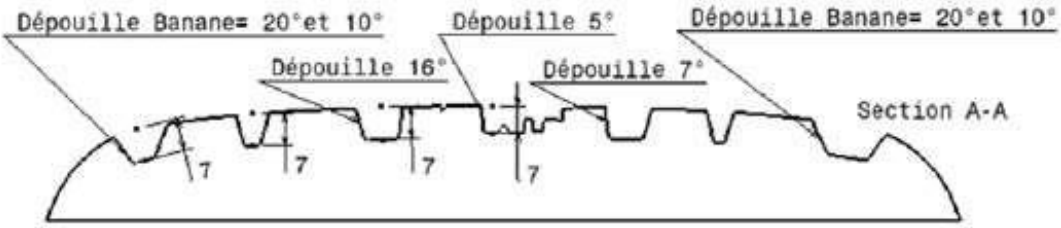
18"-18/65-18

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



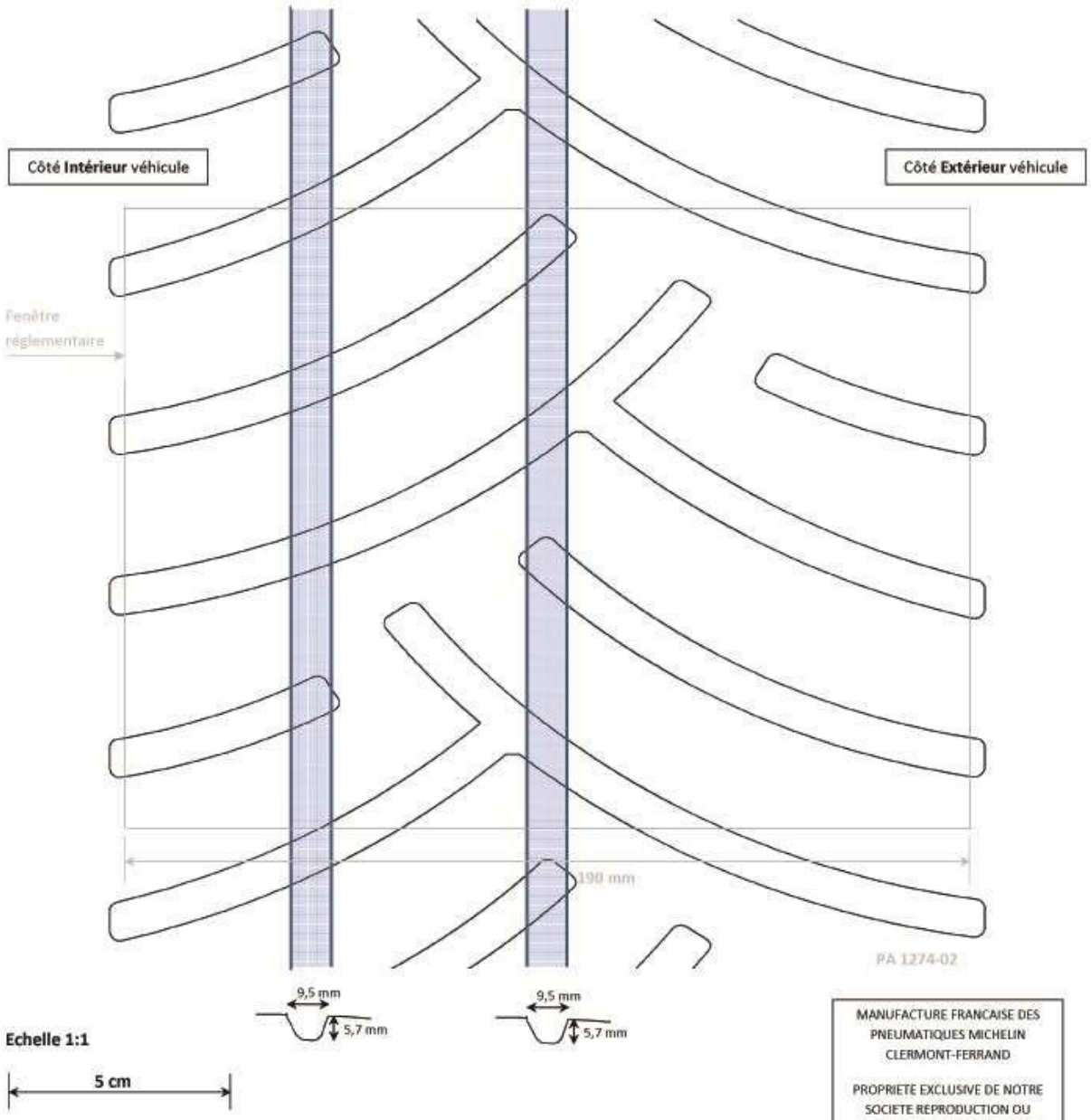


RGT Only – 24/65-18

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

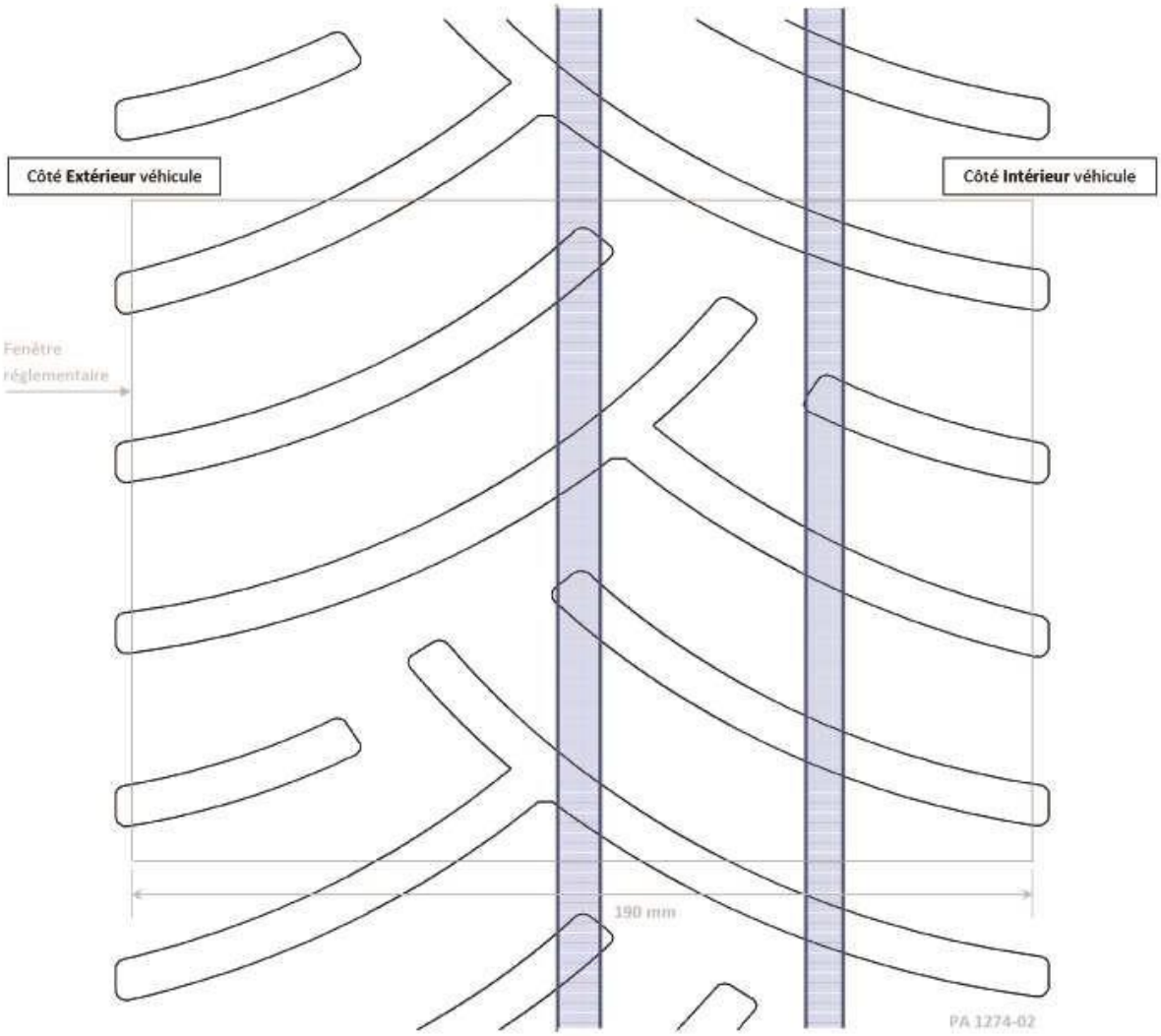
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE REPRODUCTION OU UTILISATION INTERDITE SANS NOTRE ACCORD ECRIT

RGT Only – 24/65-18

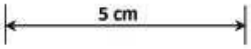
Domaine : **Rallye Asphalte**
Dimension : **24 / 65 - 18**
Entaillement surfacique global : **32,8 %**

Clermont-Ferrand le 18/12/2013

Pneu Avant Gauche



Echelle 1:1



MANUFACTURE FRANCAISE DES PNEUMATIQUES MICHELIN CLERMONT-FERRAND

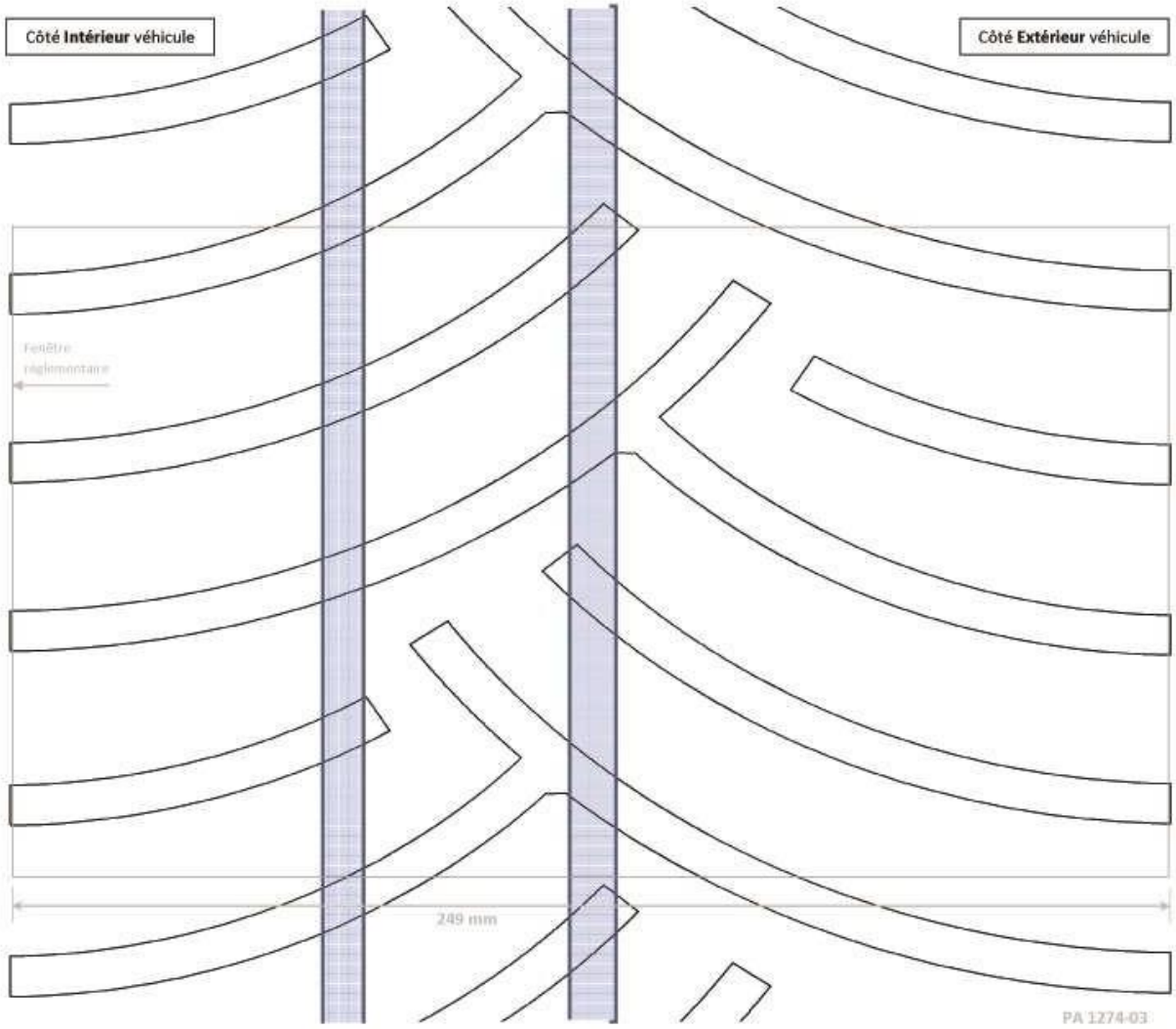
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE REPRODUCTION OU UTILISATION INTERDITE SANS NOTRE ACCORD ECRIT

RGT Only – 29/65-18

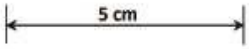
Domaine : **Rallye Asphalte**
Dimension : **29 / 65 - 18**
Entaillement surfacique sur fenêtre de 249 mm de large : **31 %**

Clermont-Ferrand le 18/12/2013

Pneu Arrière Droit



Echelle 1:1



MANUFACTURE FRANCAISE DES PNEUMATIQUES MICHELIN CLERMONT-FERRAND

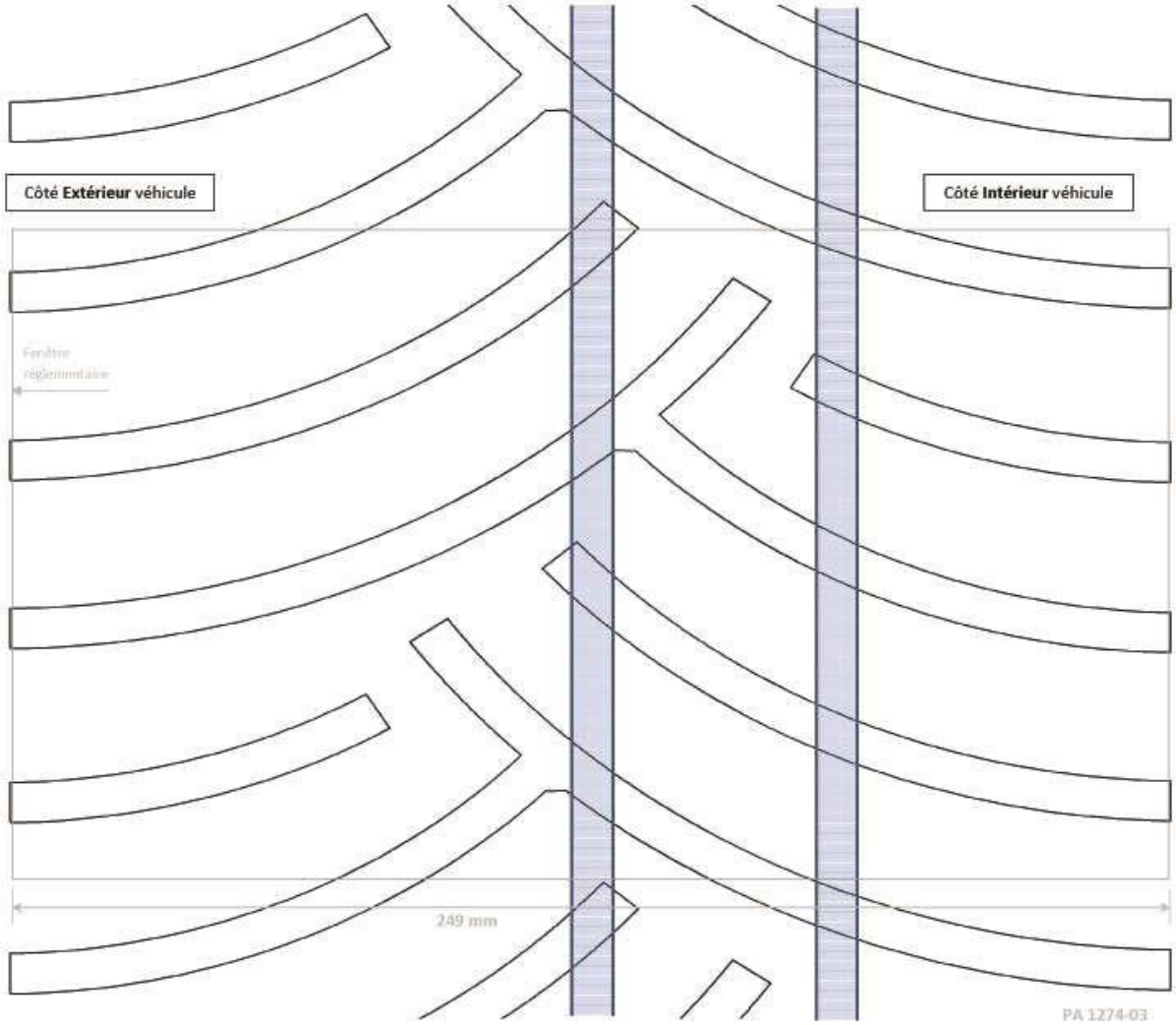
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE REPRODUCTION OU UTILISATION INTERDITE SANS NOTRE ACCORD ECRIT

RGT Only – 29/65-18

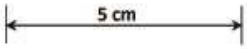
Domaine : **Rallye Asphalte**
Dimension : **29 / 65 – 18**
Entaillement surfacique sur fenêtre de 249 mm de large : **31 %**

Clermont-Ferrand le 18/12/2013

Pneu Arrière Gauche



Echelle 1:1



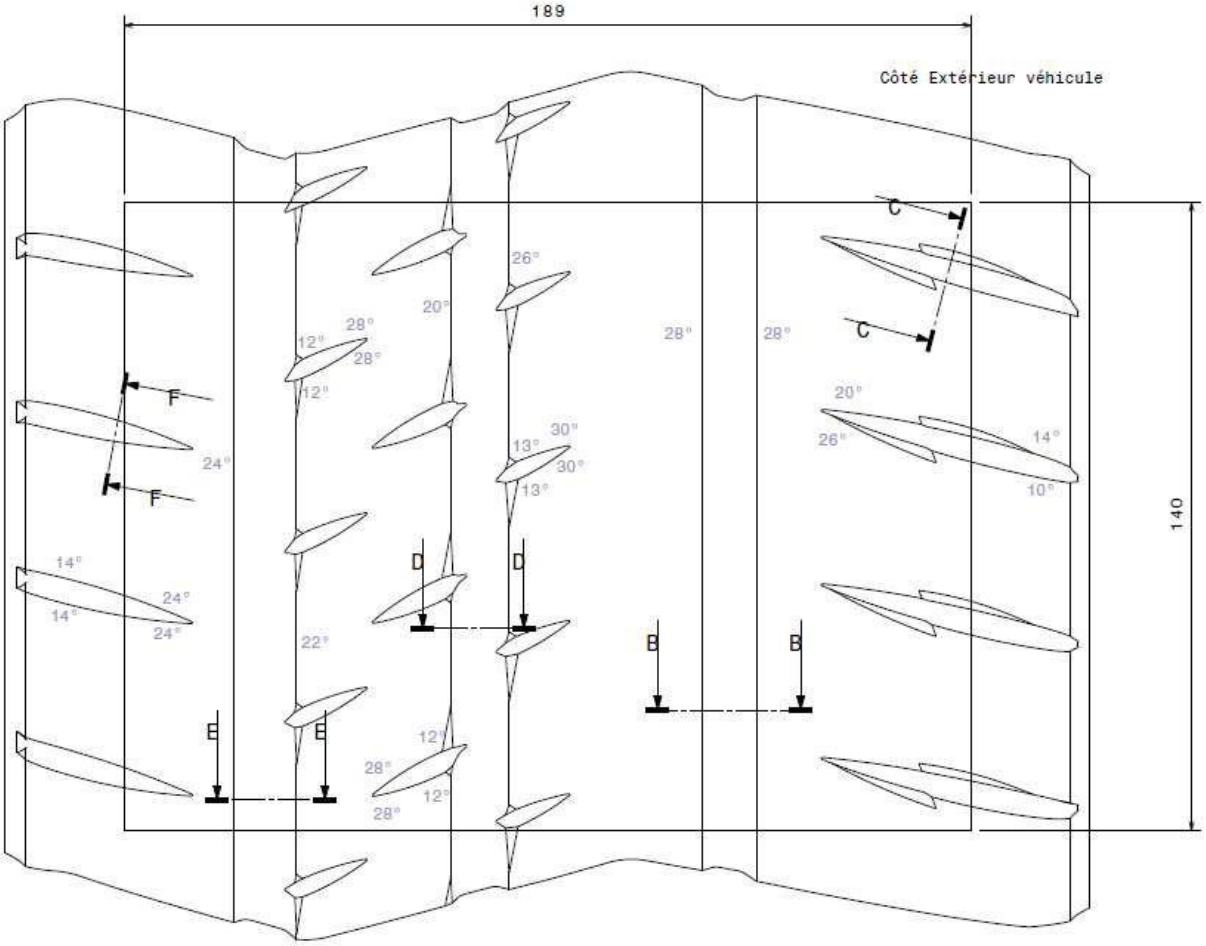
MANUFACTURE FRANCAISE DES PNEUMATIQUES MICHELIN CLERMONT-FERRAND

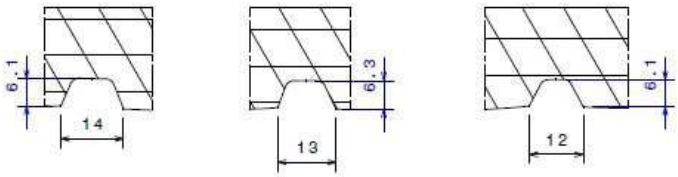
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE REPRODUCTION OU UTILISATION INTERDITE SANS NOTRE ACCORD ECRIT

RGT Only – 24/65-18

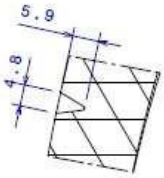
Domaine : Rallye Asphalte
Dimension : 24/65 R18
Plan de la sculpture : Pilot Sport R
Entaillement Surfacique dans fenêtre règlementaire : 21.7 % à 1.8 mm d'usure
: 17 % à 5.5 mm d'usure

Clermont-Ferrand le 28/02/2018



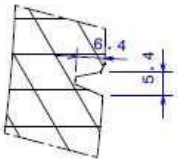


Coupe E-E Coupe D-D Coupe B-B



Coupe F-F

MANUFACTURE FRANCAISE DES PNEUMATIQUES
MICHELIN CLERMONT-FERRAND
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE
REPRODUCTION OU UTILISATION INTERDITE
SANS NOTRE ACCORD ECRIT

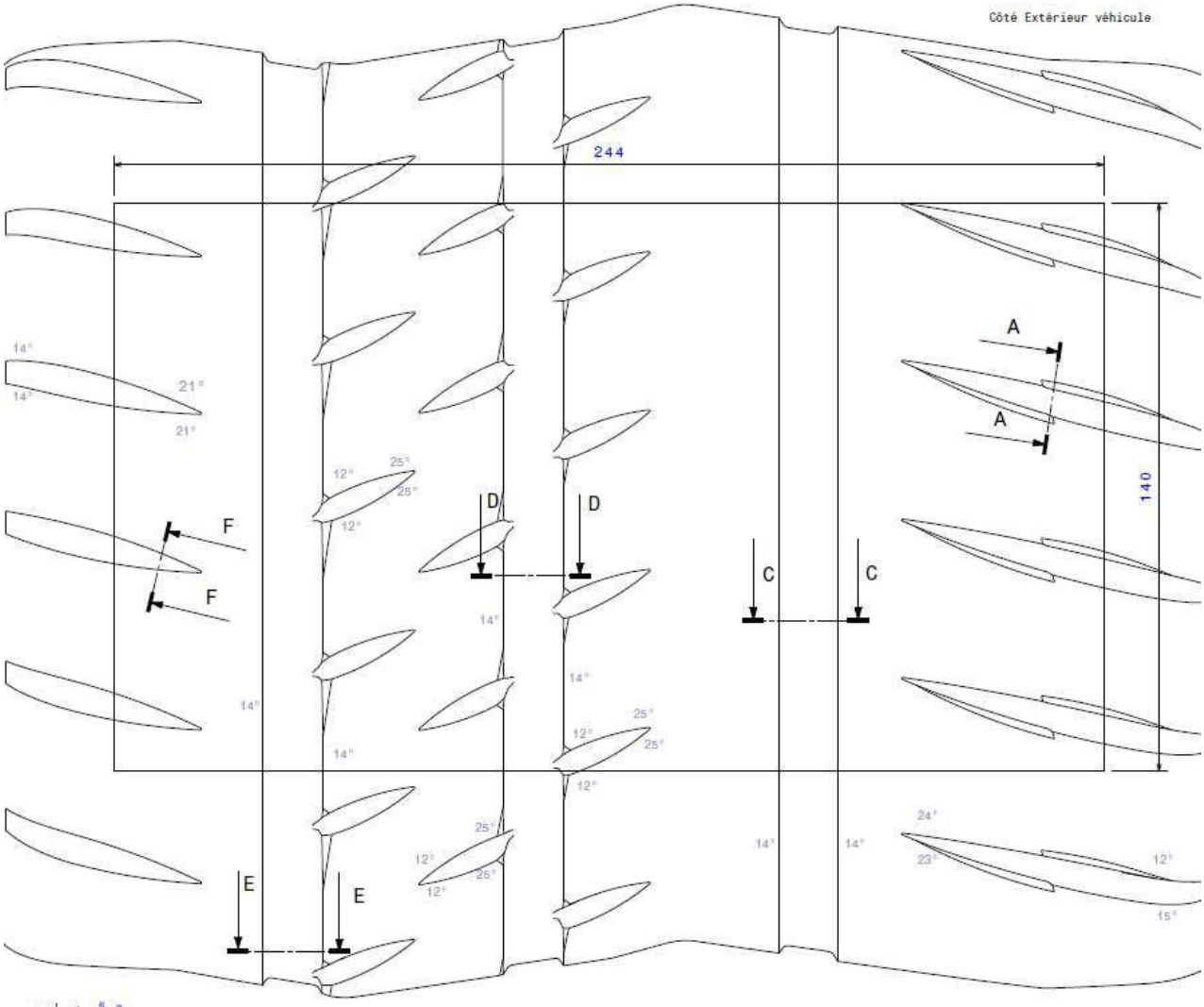


Coupe C-C

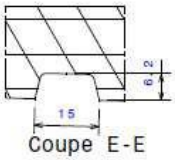
RGT Only–29/65-18

Domaine : Rallye Asphalte
Dimension : 29/65 R18
Plan de la sculpture : Pilot Sport R
Entaillement Surfacique dans fenêtre règlementaire : 22.6 % à 1.8 mm d'usure
: 19.2 % à 5.5 mm d'usure

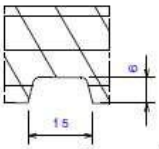
Clermont-Ferrand le 28/02/2018



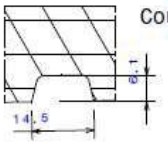
Coupe F-F



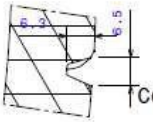
Coupe E-E



Coupe D-D



Coupe C-C

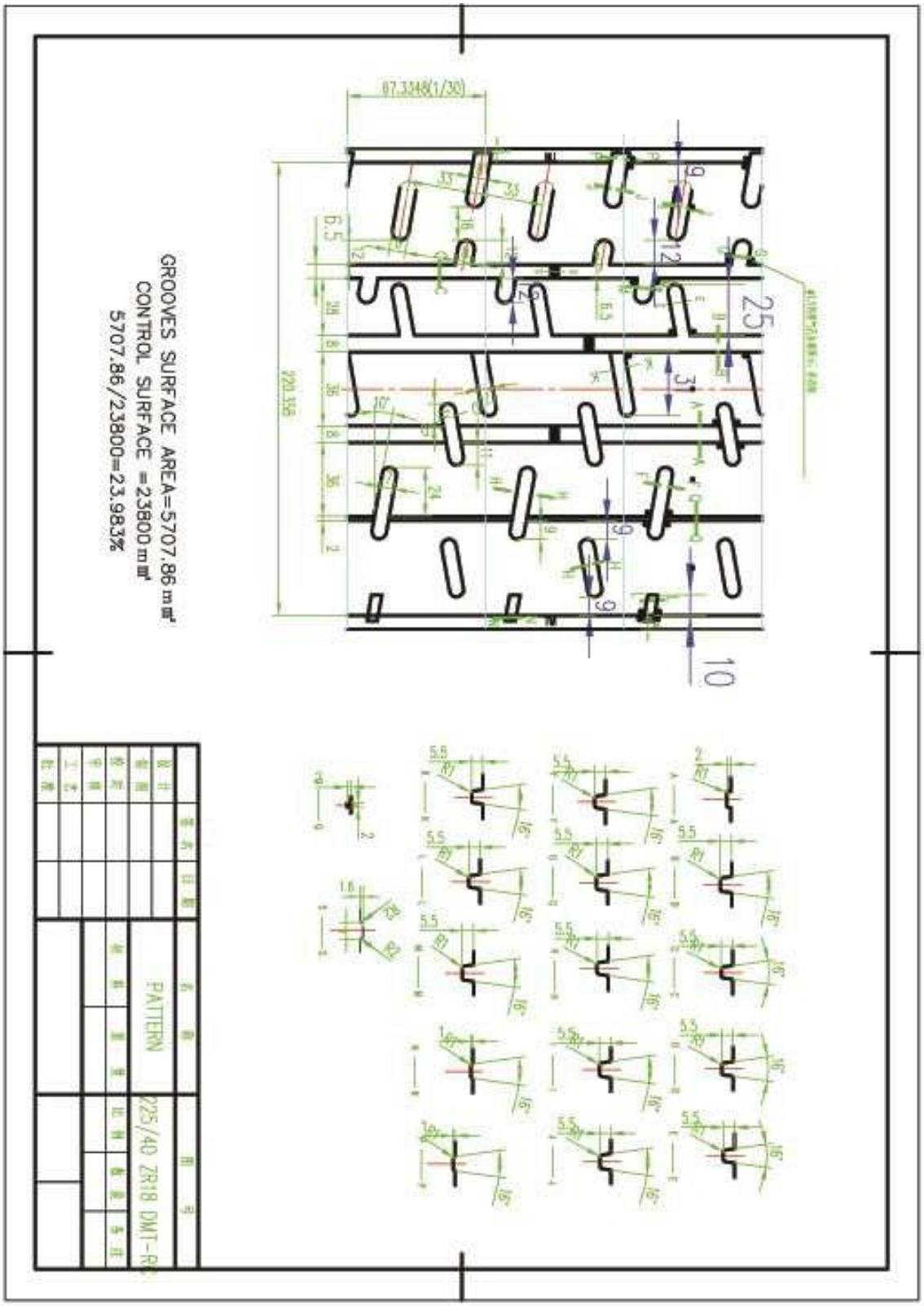


Coupe A-A

MANUFACTURE FRANCAISE DES PNEUMATIQUES MICHELIN
CLERMONT-FERRAND
PROPRIETE EXCLUSIVE DE NOTRE SOCIETE
REPRODUCTION OU UTILISATION INTERDITE SANS
NOTRE ACCORD ECRIT

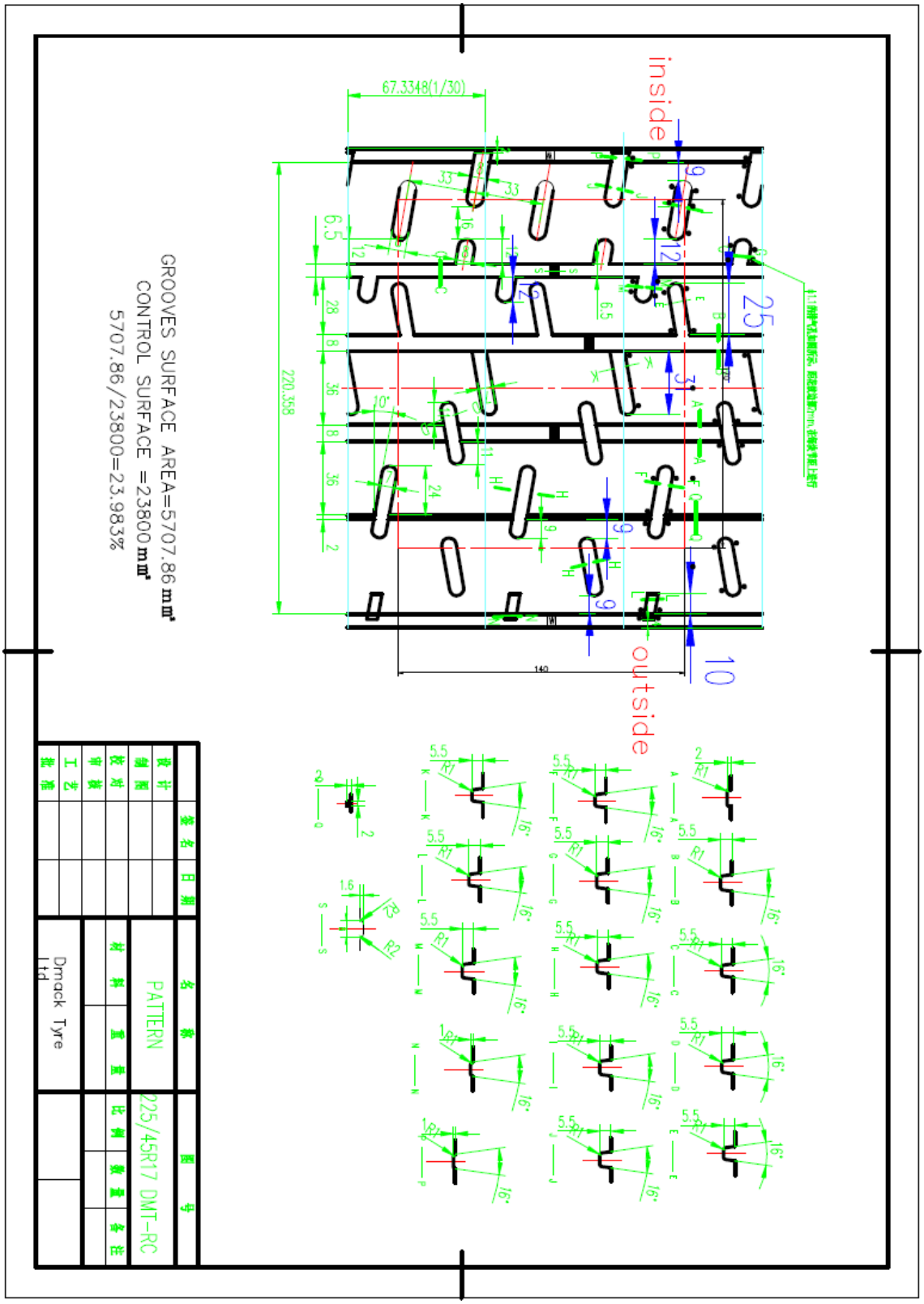
18"-225/40-18

DMACK Tyres



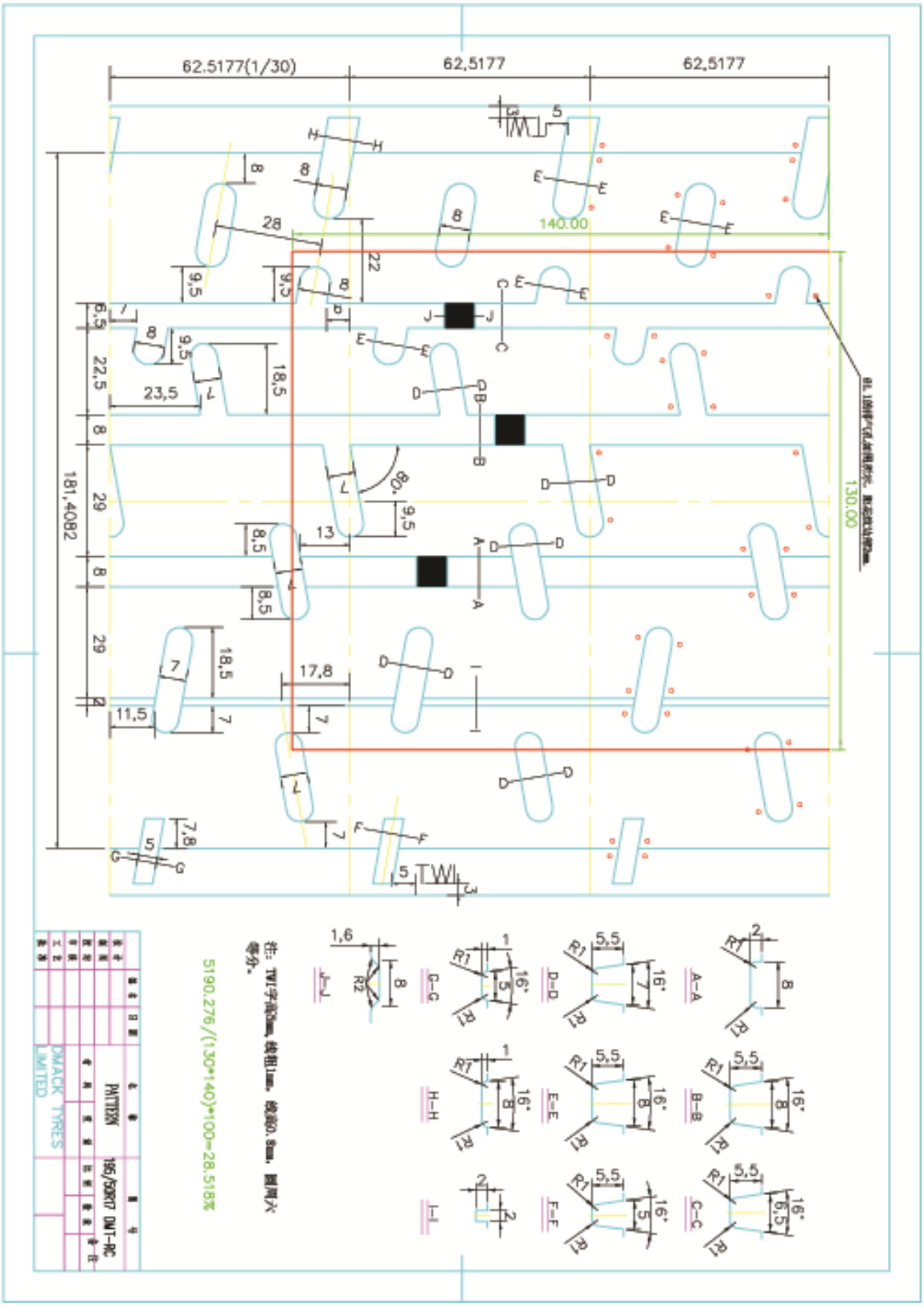
18"-225/45-18

DMACK Tyres

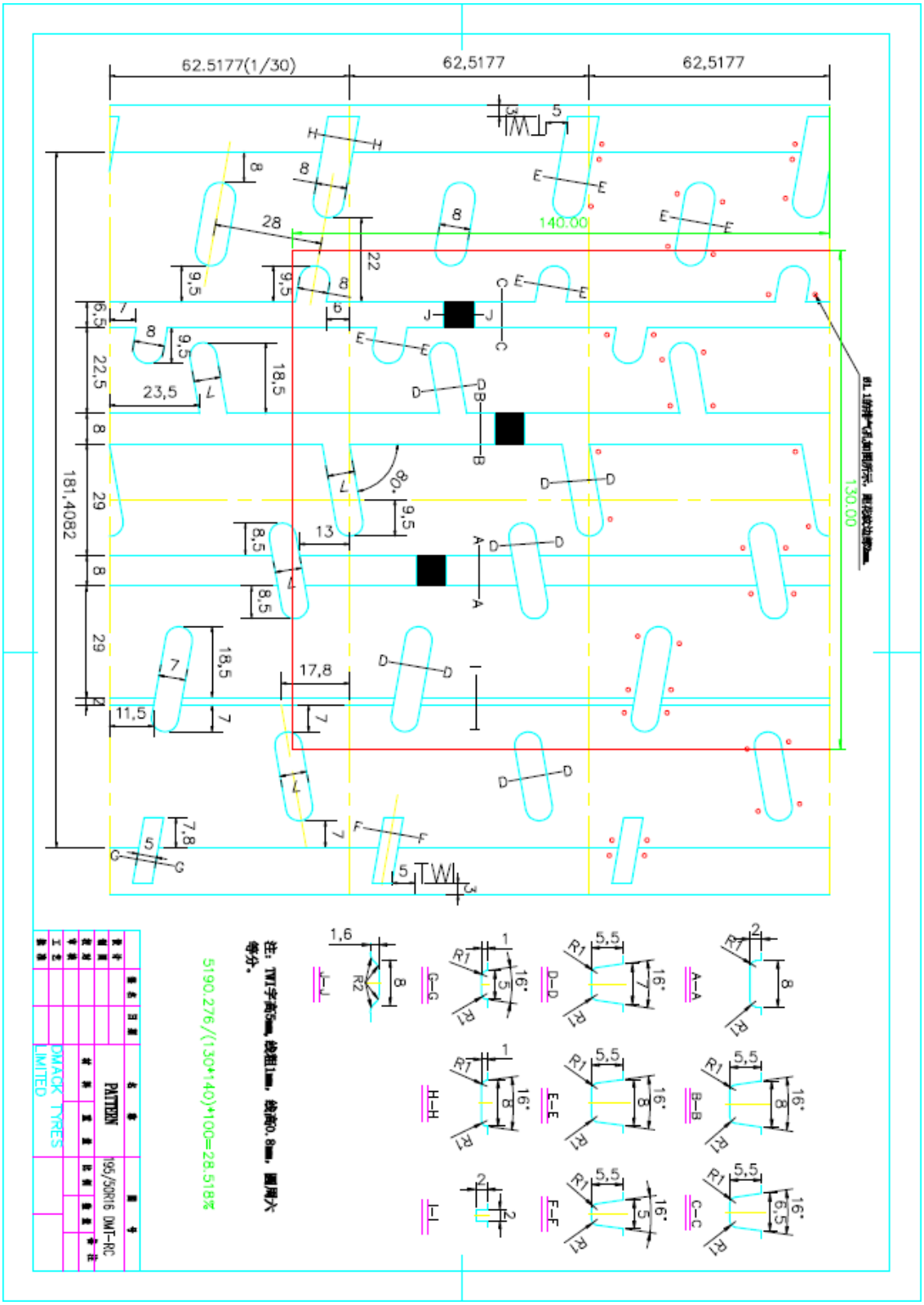


17"-195/50-17

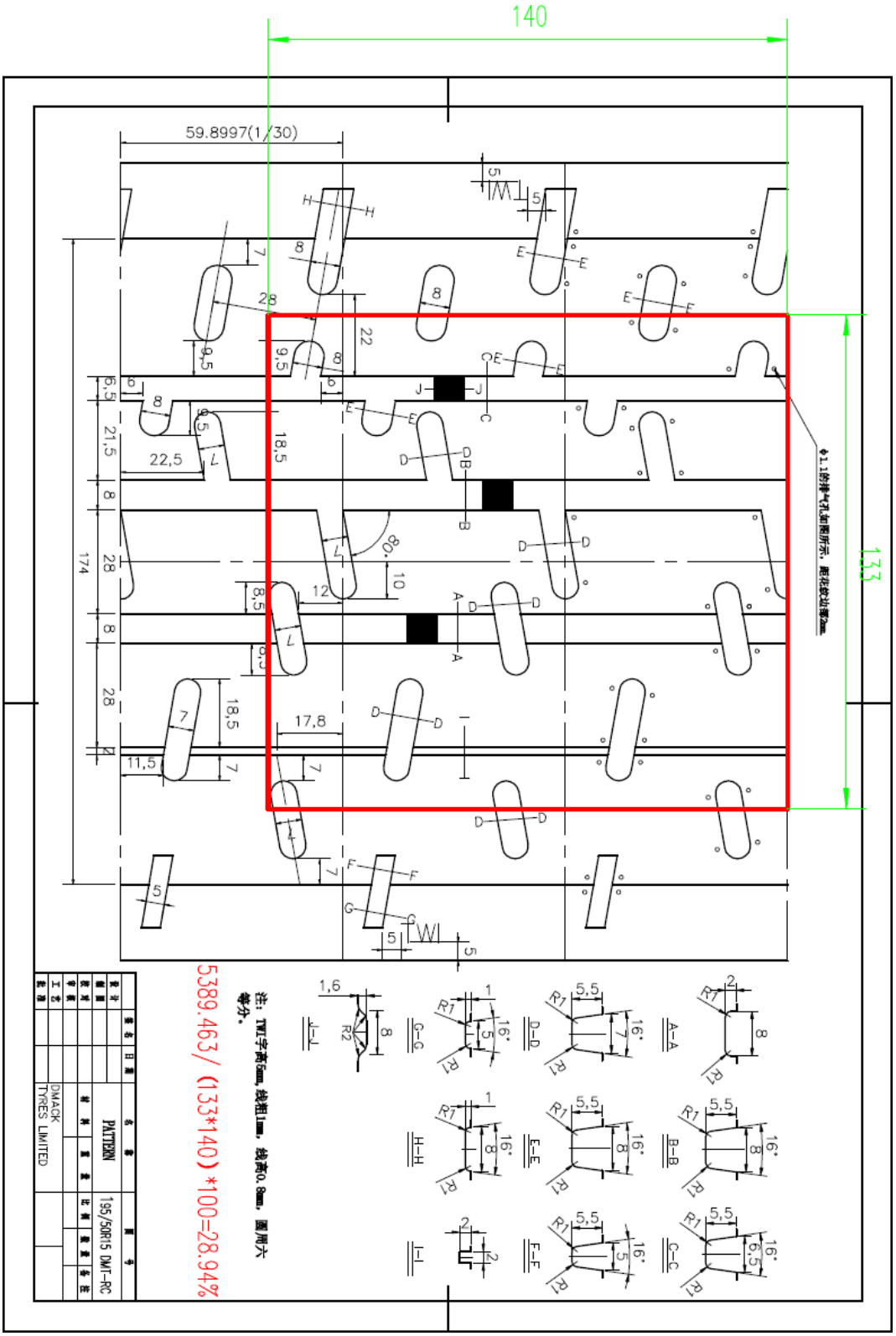
DMACK Tyres



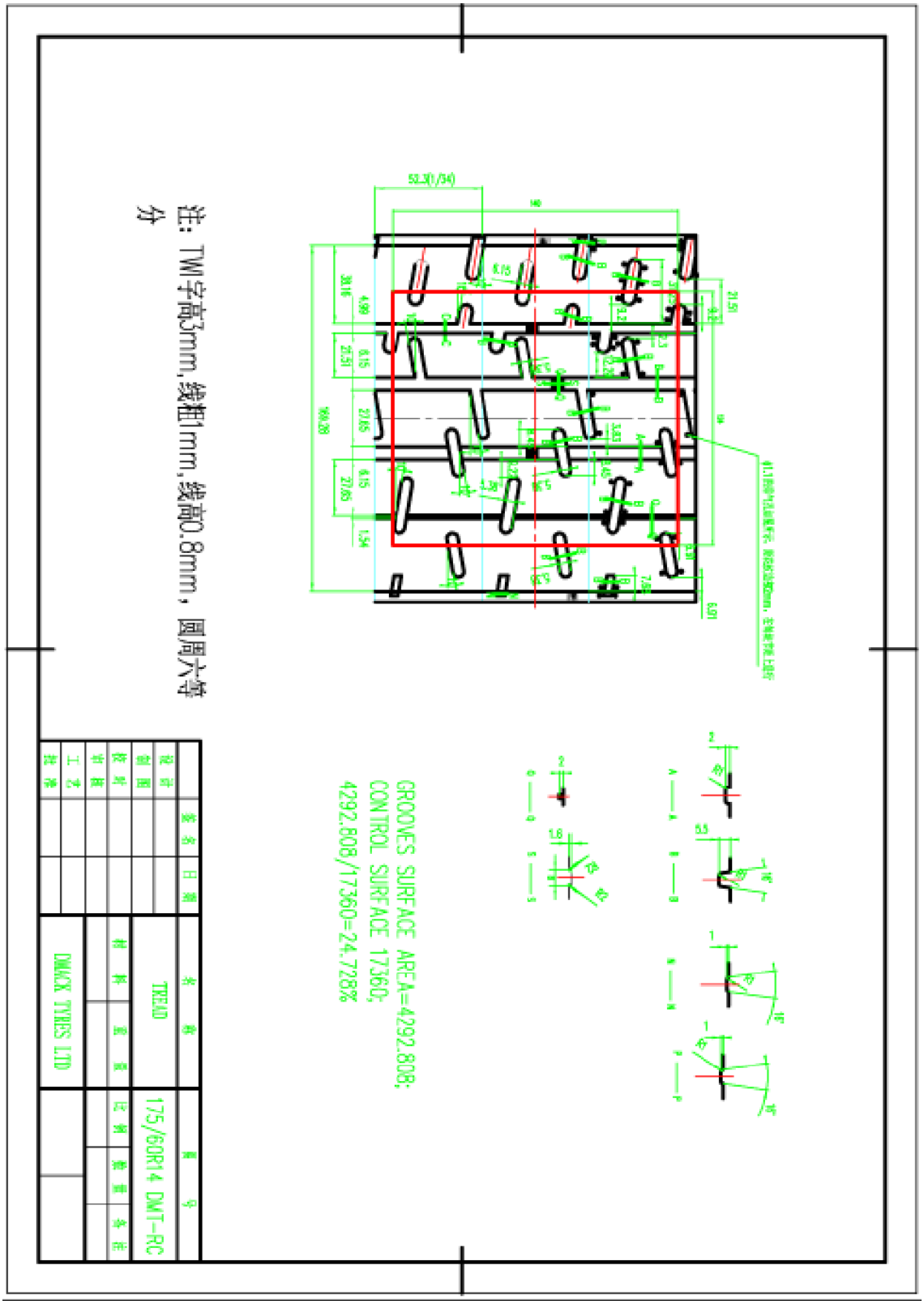
16"-195/50-16


62.5177(1/30)
62,5177
62,5177
140.00
130.00
181,4082
PATTERN
195/50R16 DMT-RC
DMACK TYRES
LIMITED
5190.276/(130*140)*100=28.518%

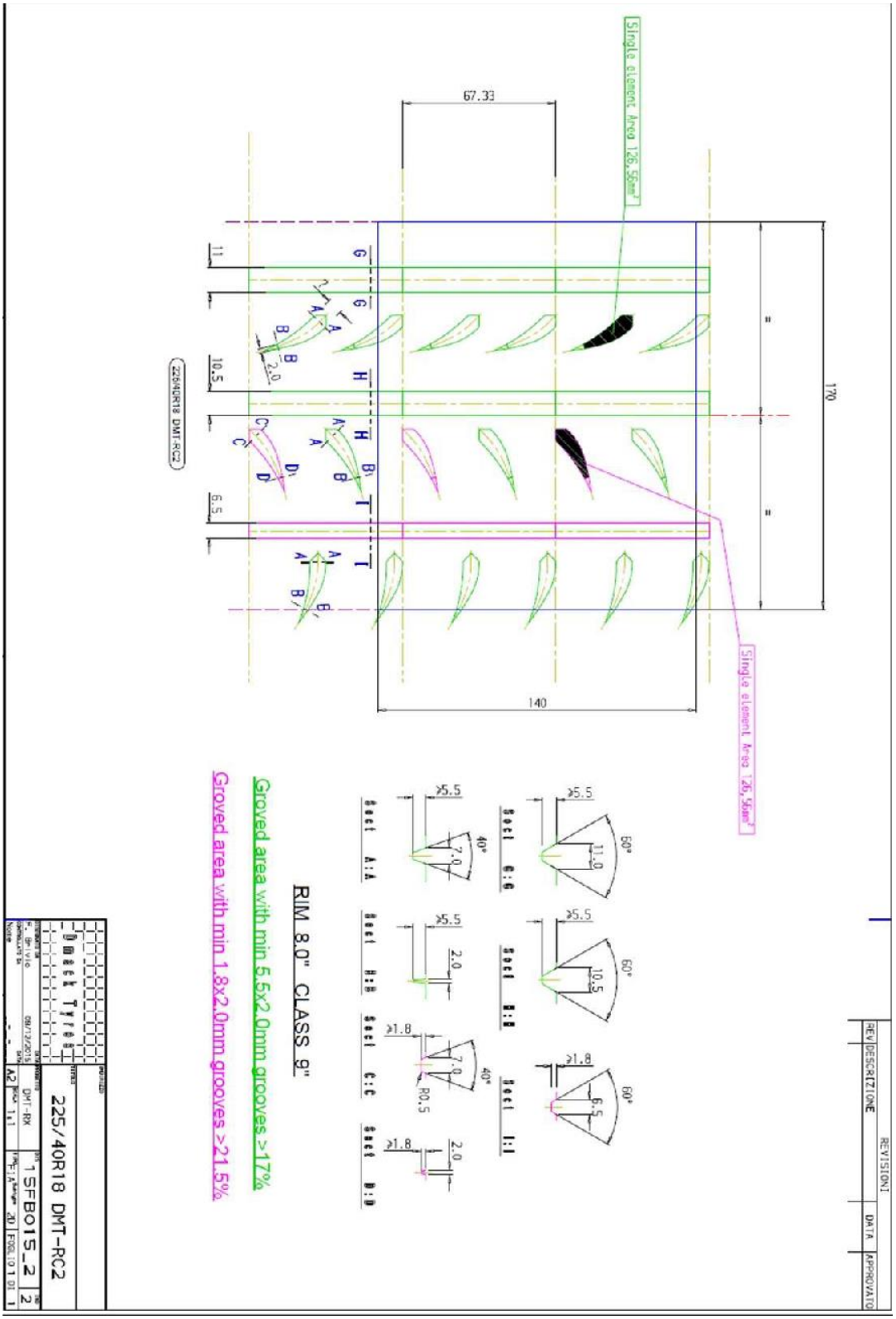
15"-195/50-15


140
133
59.8997(1/30)
174
5389.463/ (133*140) *100=28.94%
PATTERN
195/50R15 DMT-RC
DMACK TYRES LIMITED

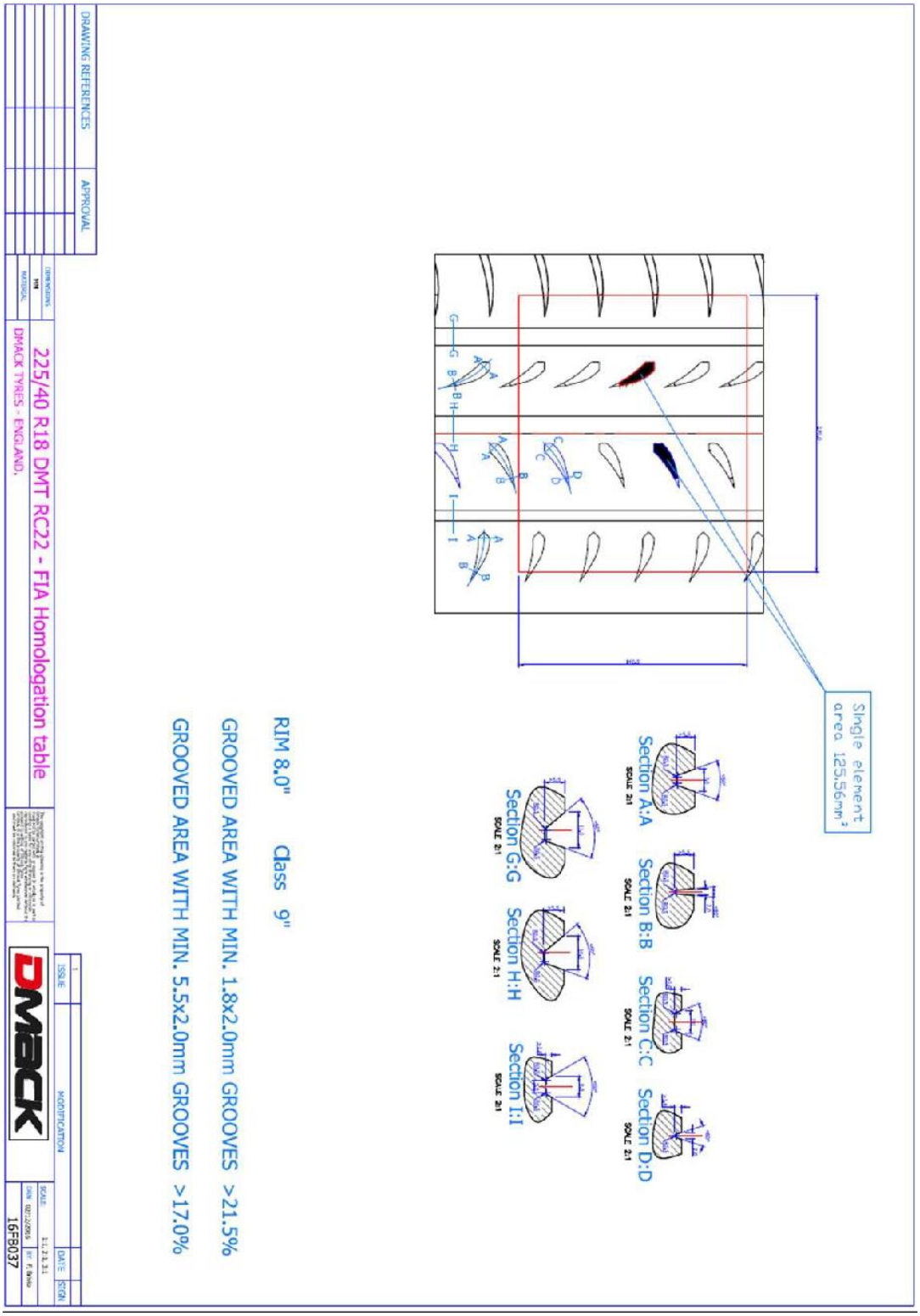
14"-175/60-14


注：TW字高3mm,线粗1mm,线高0.8mm，圆周六等分
GROOVES SURFACE AREA=4292.808;
CONTROL SURFACE 17360;
4292.808/17360=24.728%
TREAD
175/60R14 DMT-RC
DMACK TYRES LTD

18"-225/40-18

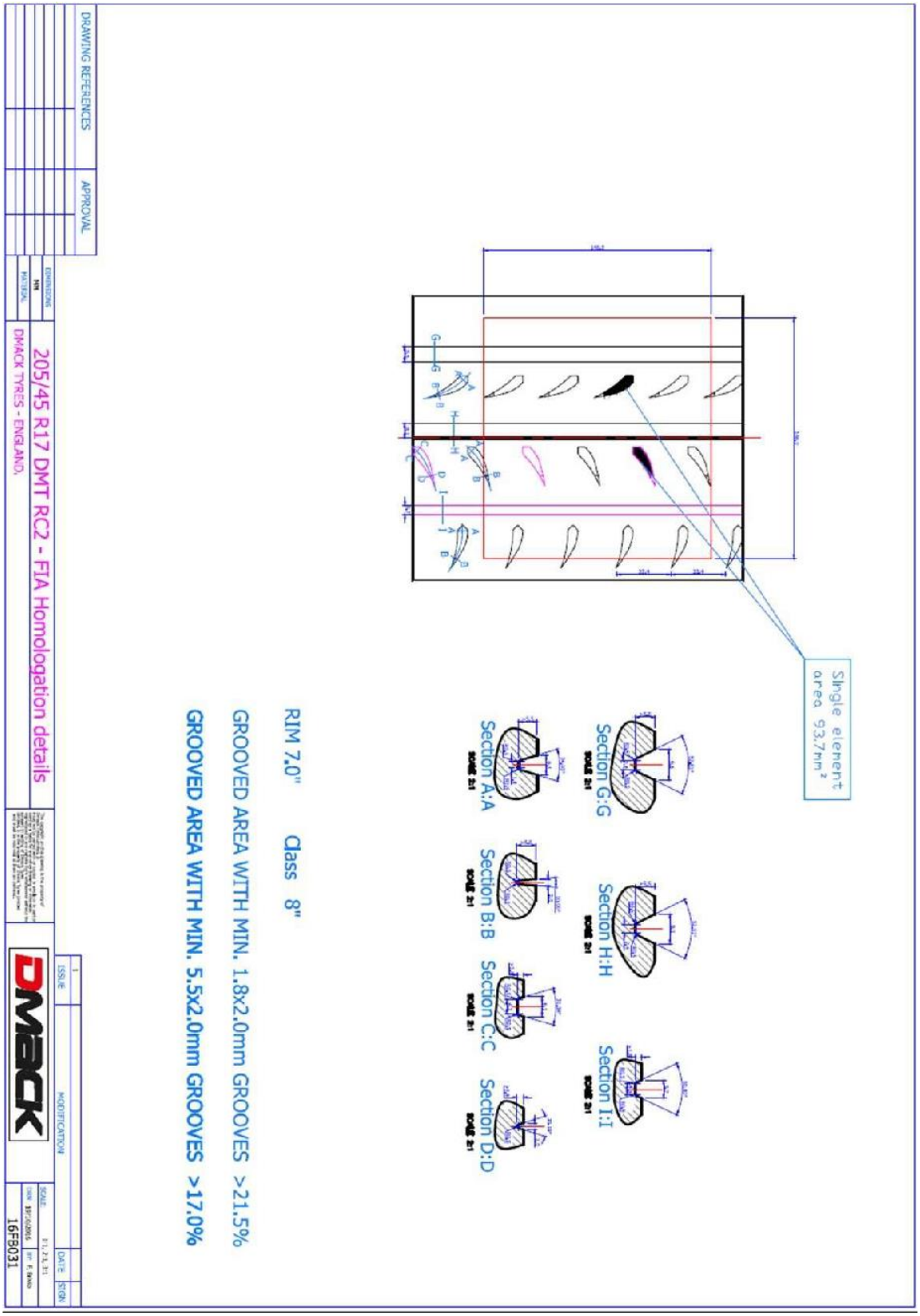

Single element Area 126.56mm²
67.33
170
140
11
10.5
6.5
2.0
225/40R18 DMT-RC2
Single element Area 126.56mm²
RIM 8.0" CLASS 9"
Groved area with min 5.5x2.0mm grooves >17%
Groved area with min 1.8x2.0mm grooves >21.5%
225/40R18 DMT-RC2
1SFB015_2

18"-225/40-18


Single element area 125.56mm²
Section A:A
Section B:B
Section C:C
Section D:D
Section G:G
Section H:H
Section I:I
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
225/40 R18 DMT RC22 - FIA Homologation table
DMACK TYRES - ENGLAND.
MODIFICATION
DATE
SCALE
16F8037

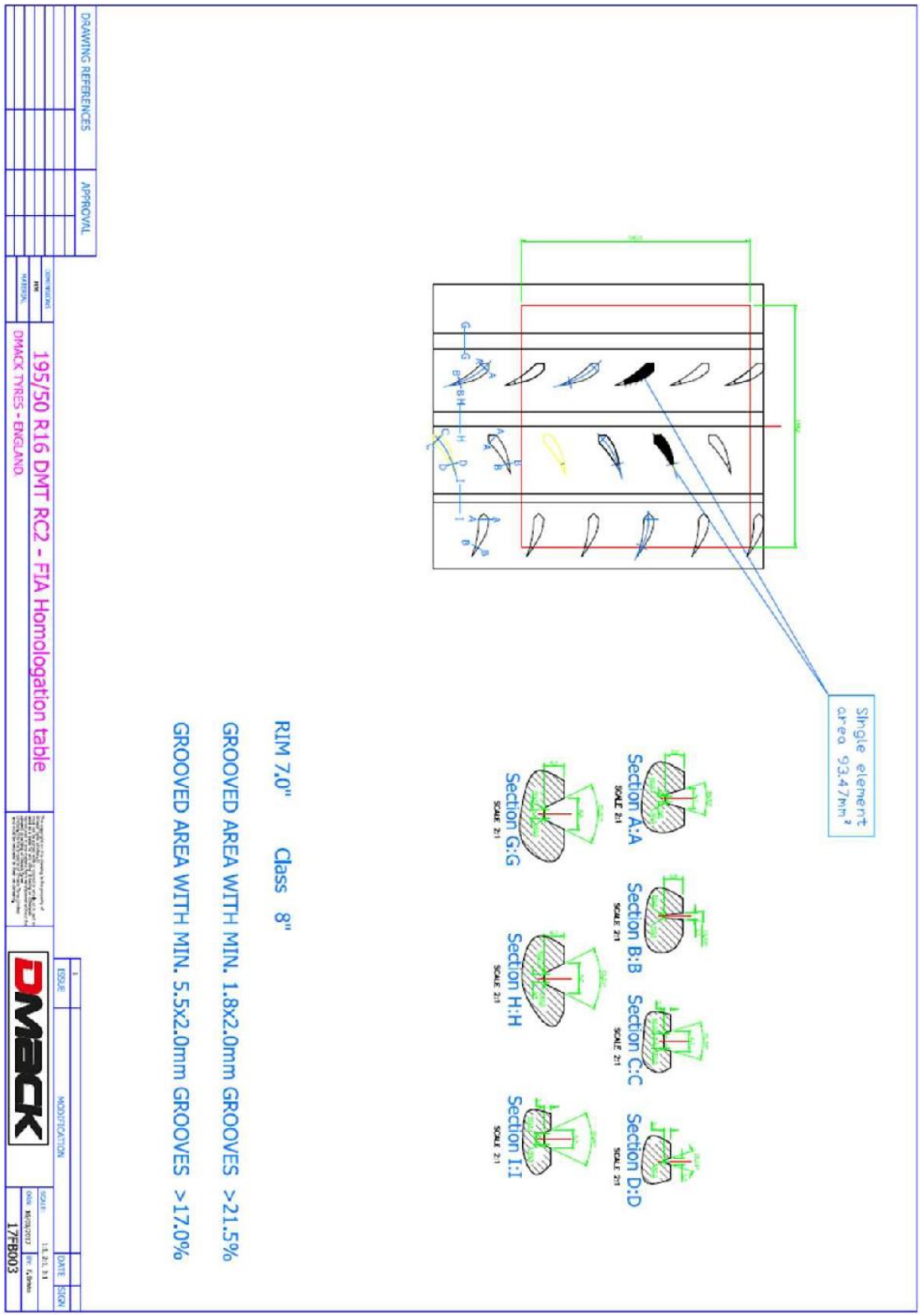
17"-205/45-17

DMACK Tyres



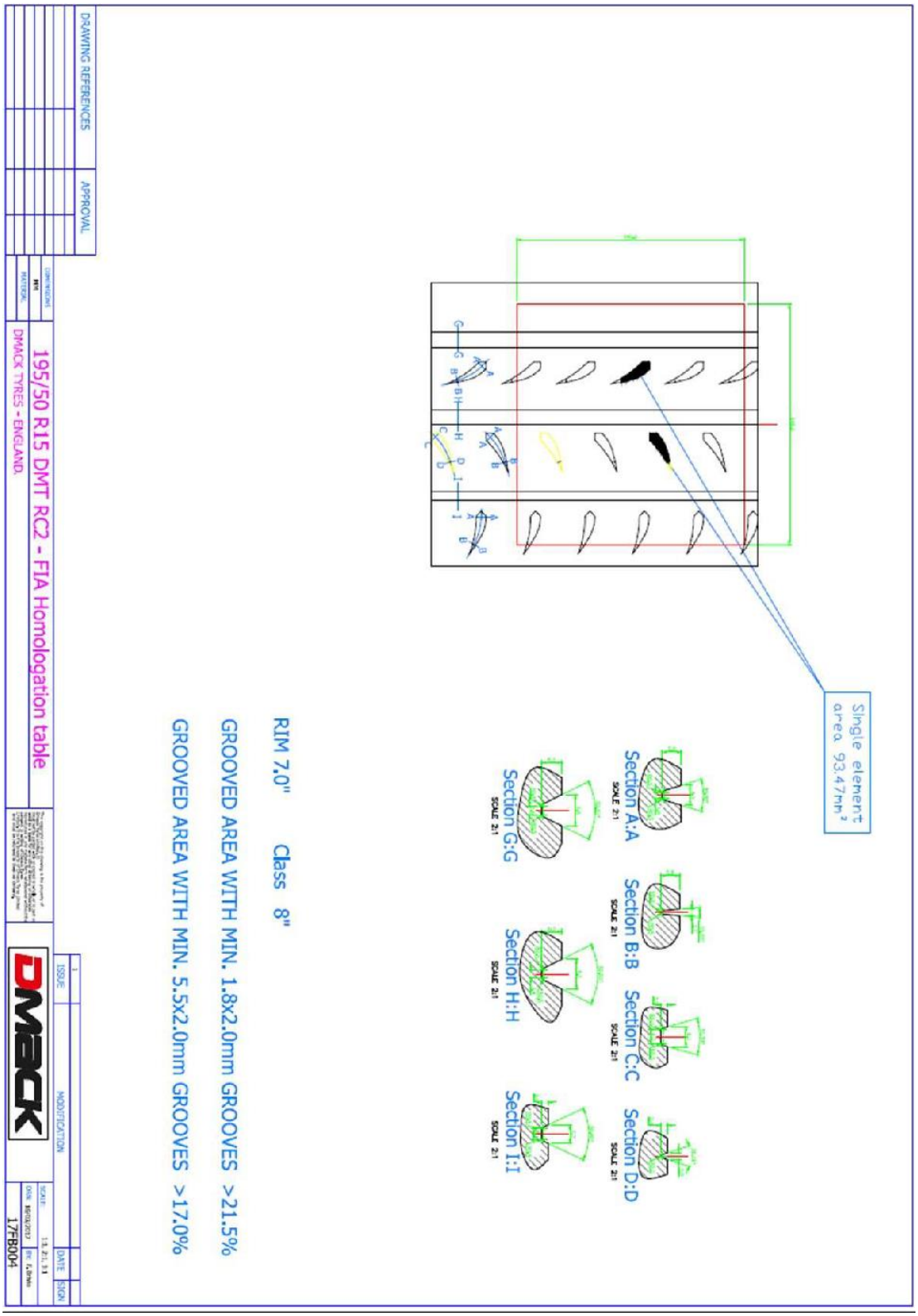
16"-195/50-16

DMACK Tyres

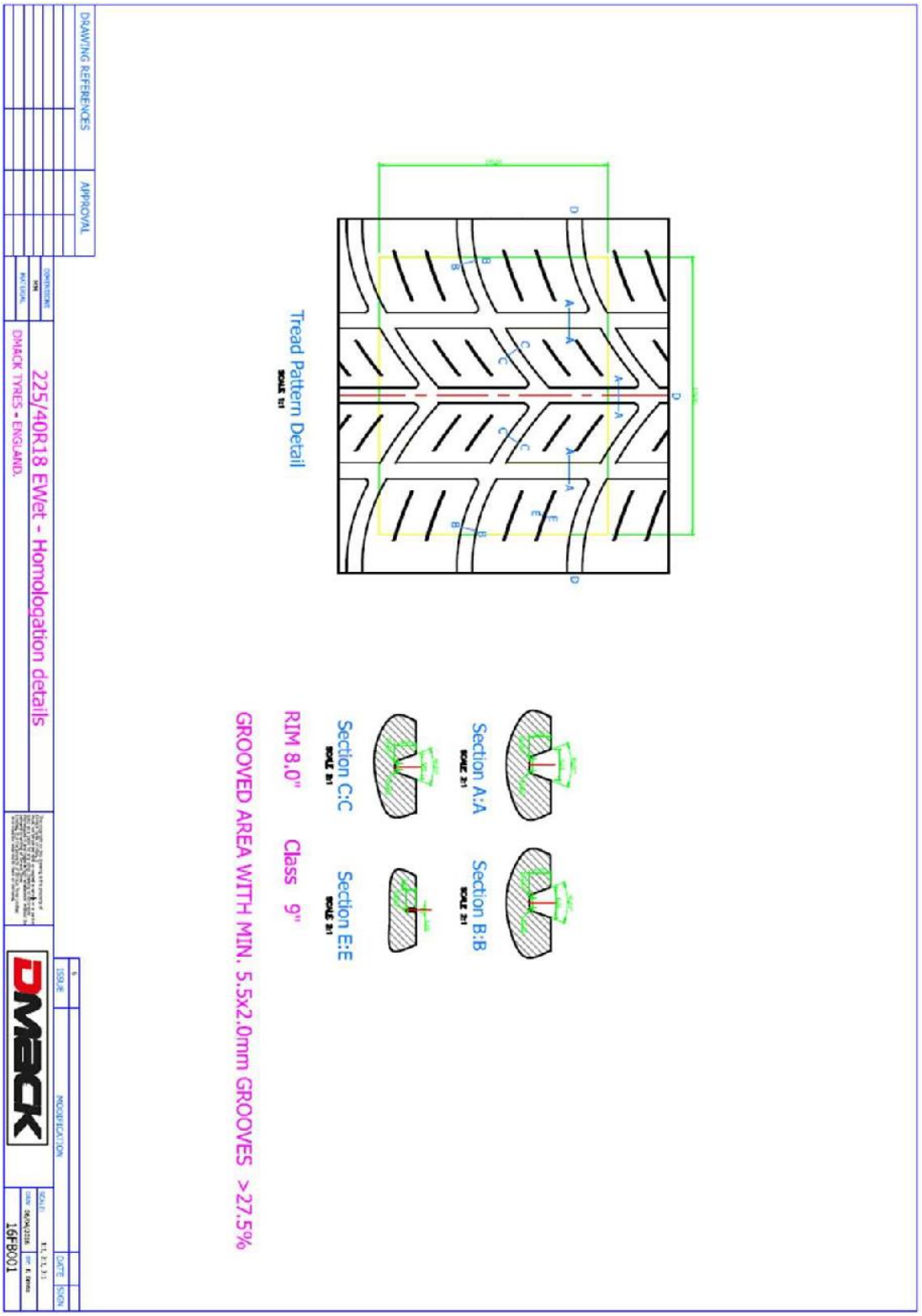


15"-195/50-15

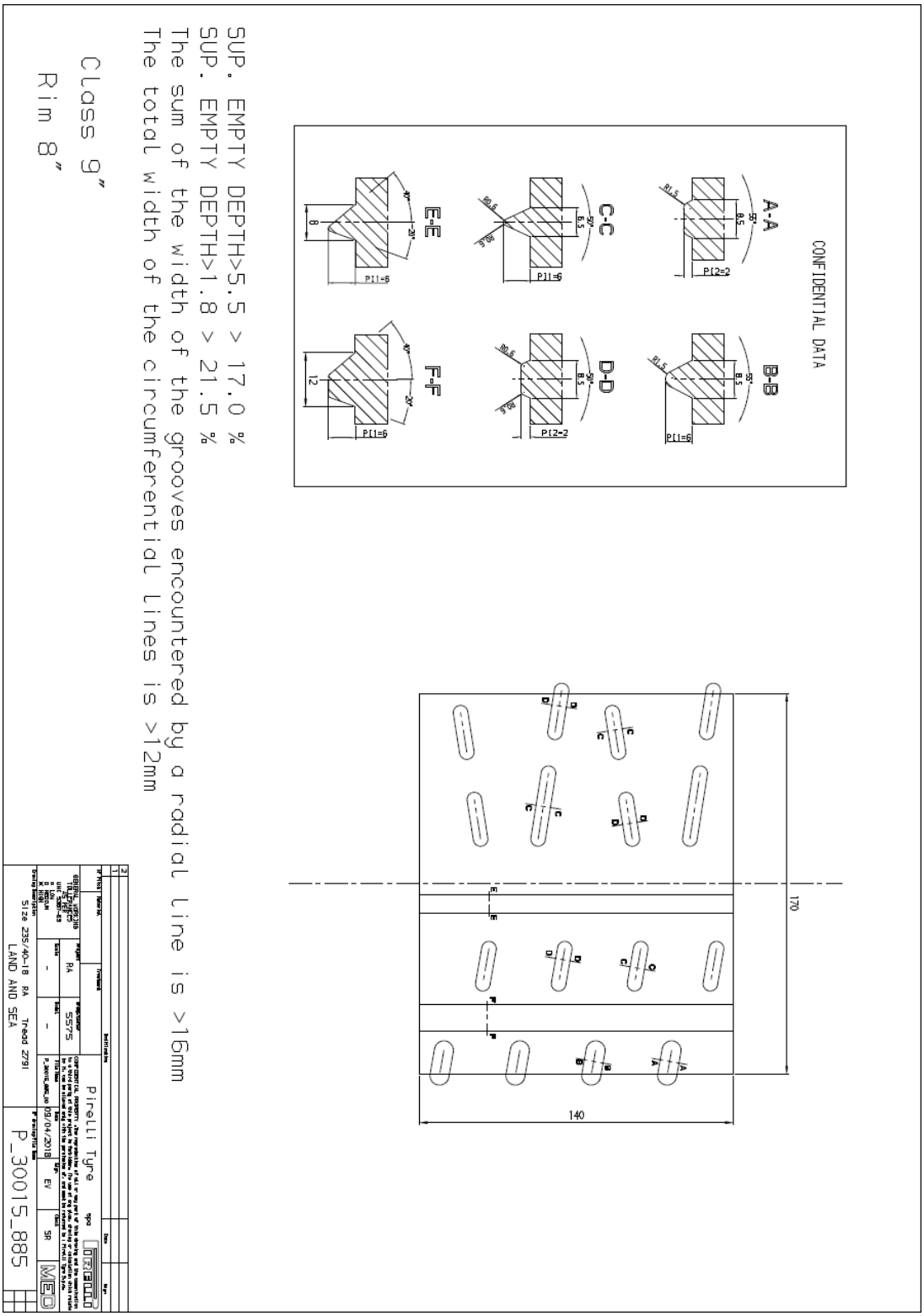
DMACK Tyres



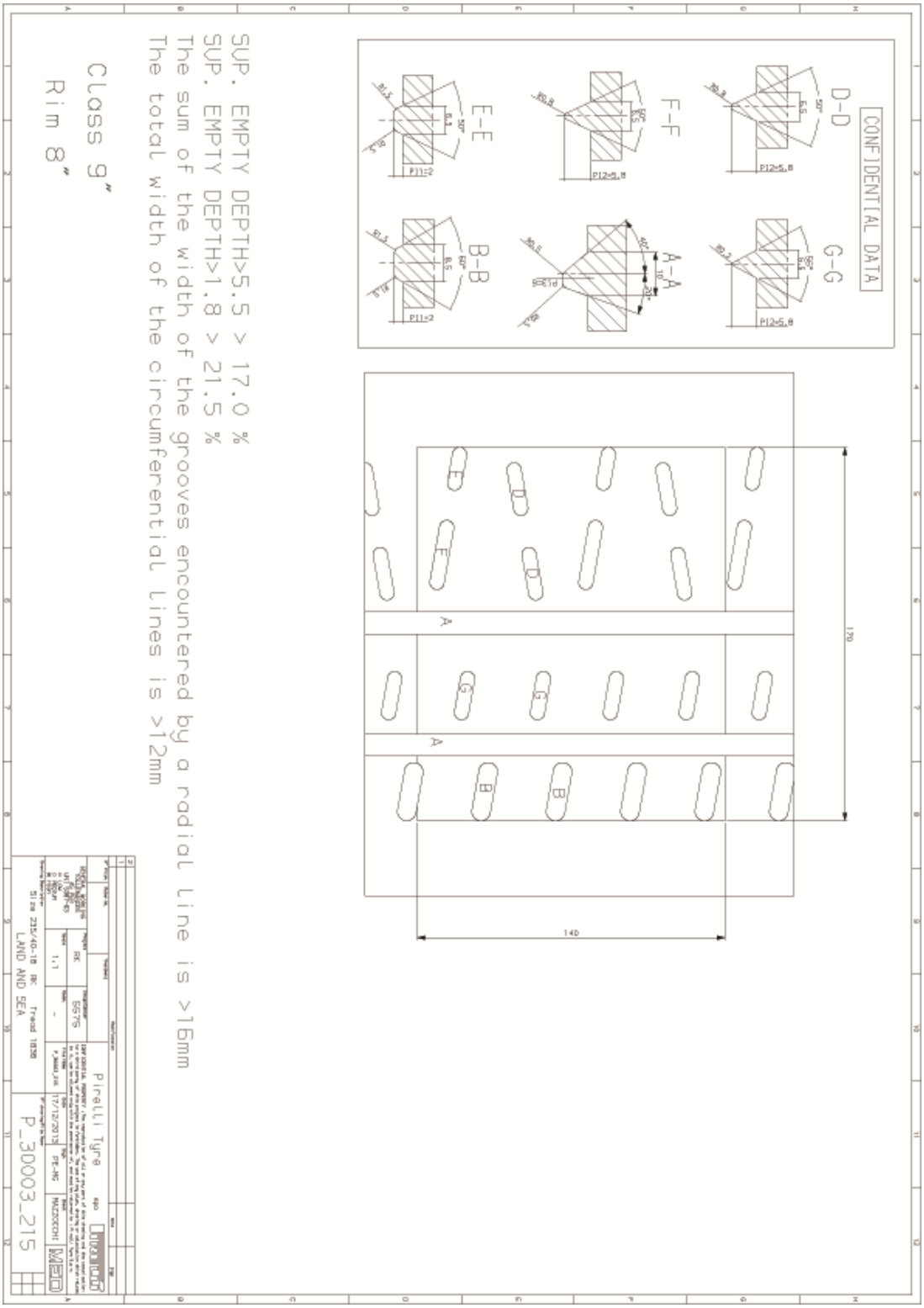
18"-225/40-18


Tread Pattern Detail
Section A:A
Section B:B
Section C:C
Section E:E
RIM 8.0" Class 9"
GROOVED AREA WITH MIN. 5.5x2.0mm GROOVES >27.5%
225/40R18 EWet - Homologation details
DMACK TYRES - ENGLAND.
DRAWING REFERENCES
APPROVAL
DMACK
16FB001

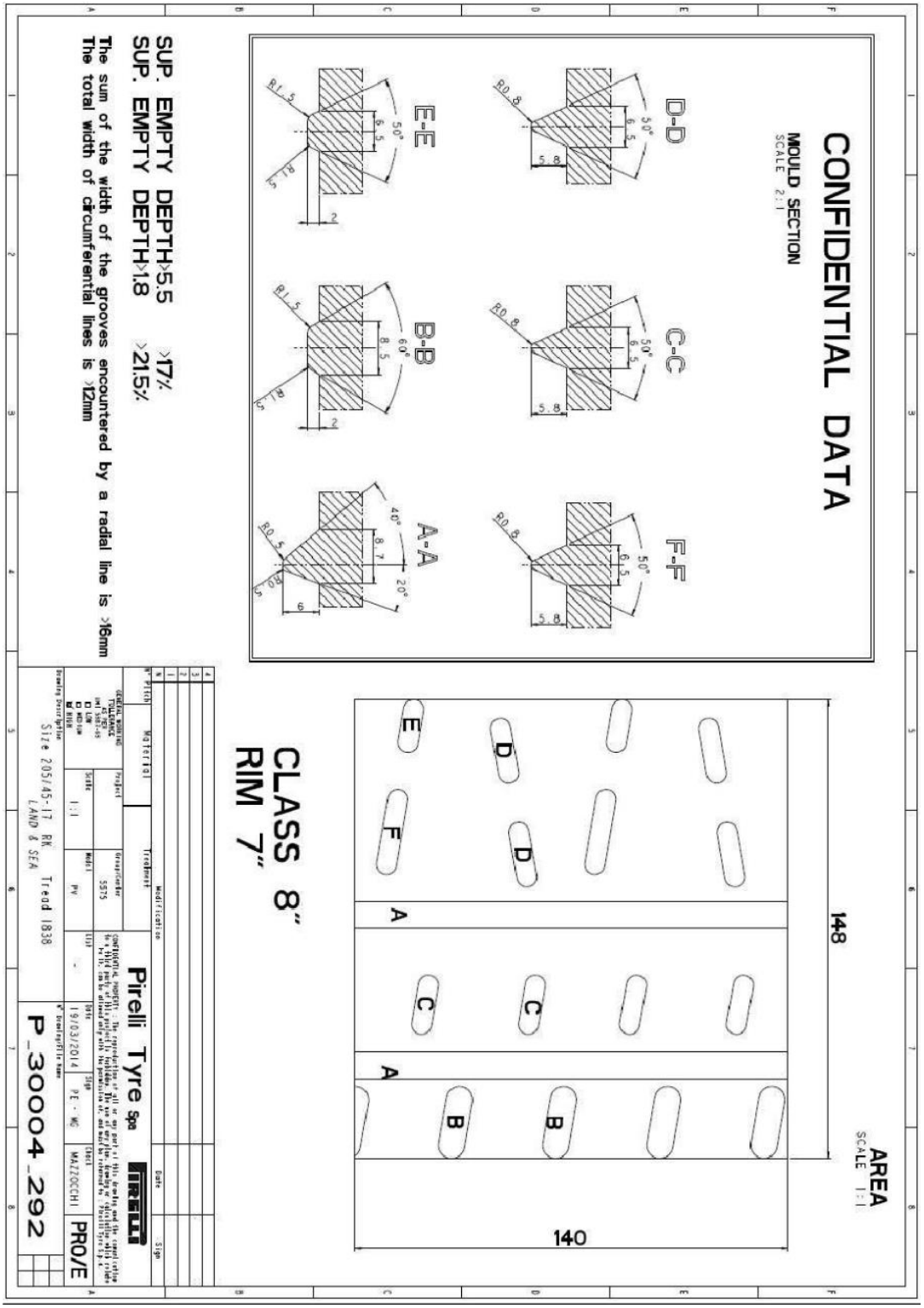
18"-235/40-18


CONFIDENTIAL DATA
A-A
B-B
C-C
D-D
E-E
F-F
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"
170
140
Pirelli Tyre
Size 235/40-18 RA
LAND AND SEA
Tread Z791
P_30015_885

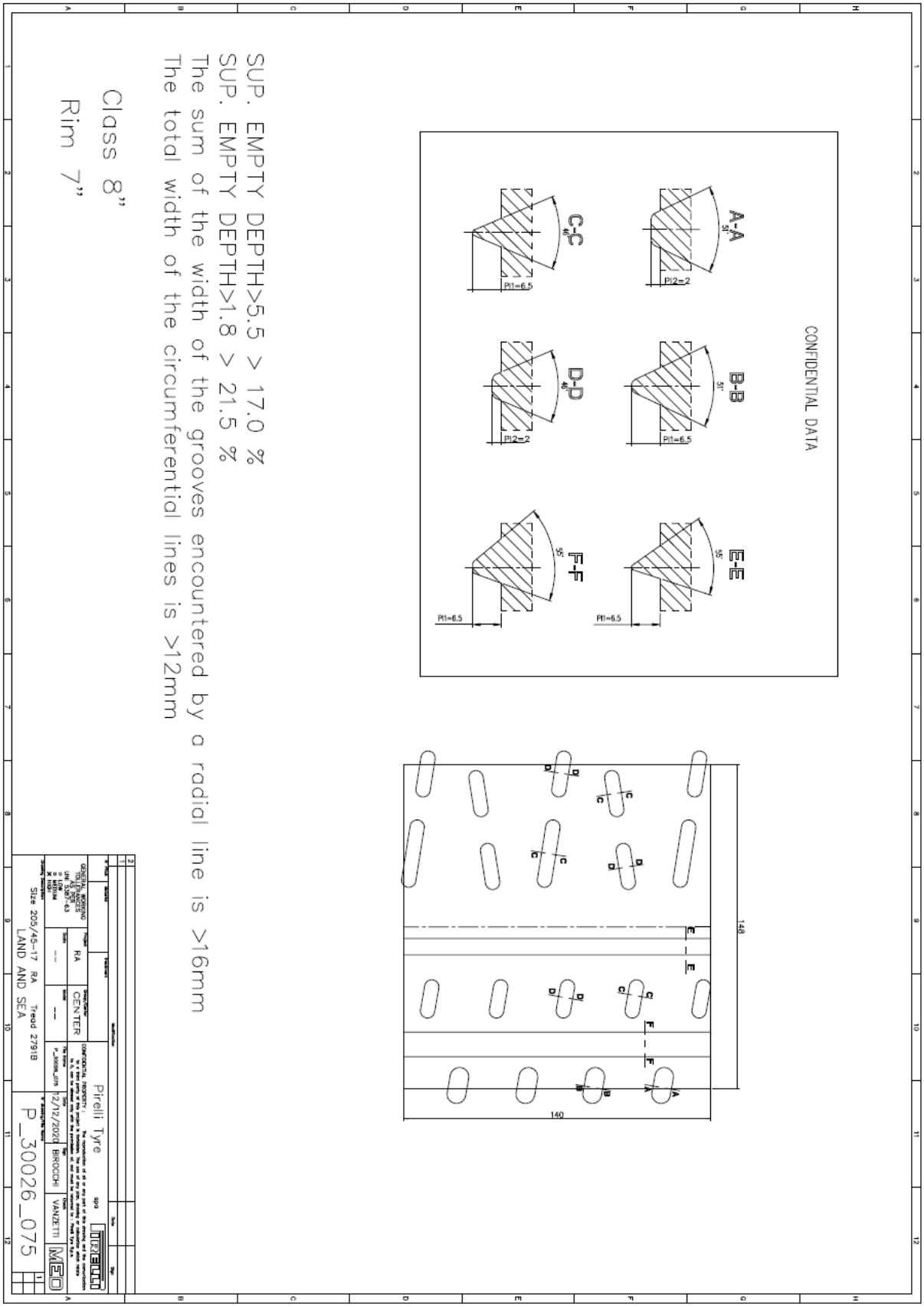
18"-235/40-18


CONFIDENTIAL DATA
D-D
G-G
F-F
A-A
E-E
B-B
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"
170
140
Pirelli Tyre
1:1
235/40-18
LAND AND SEA
P_30003_215

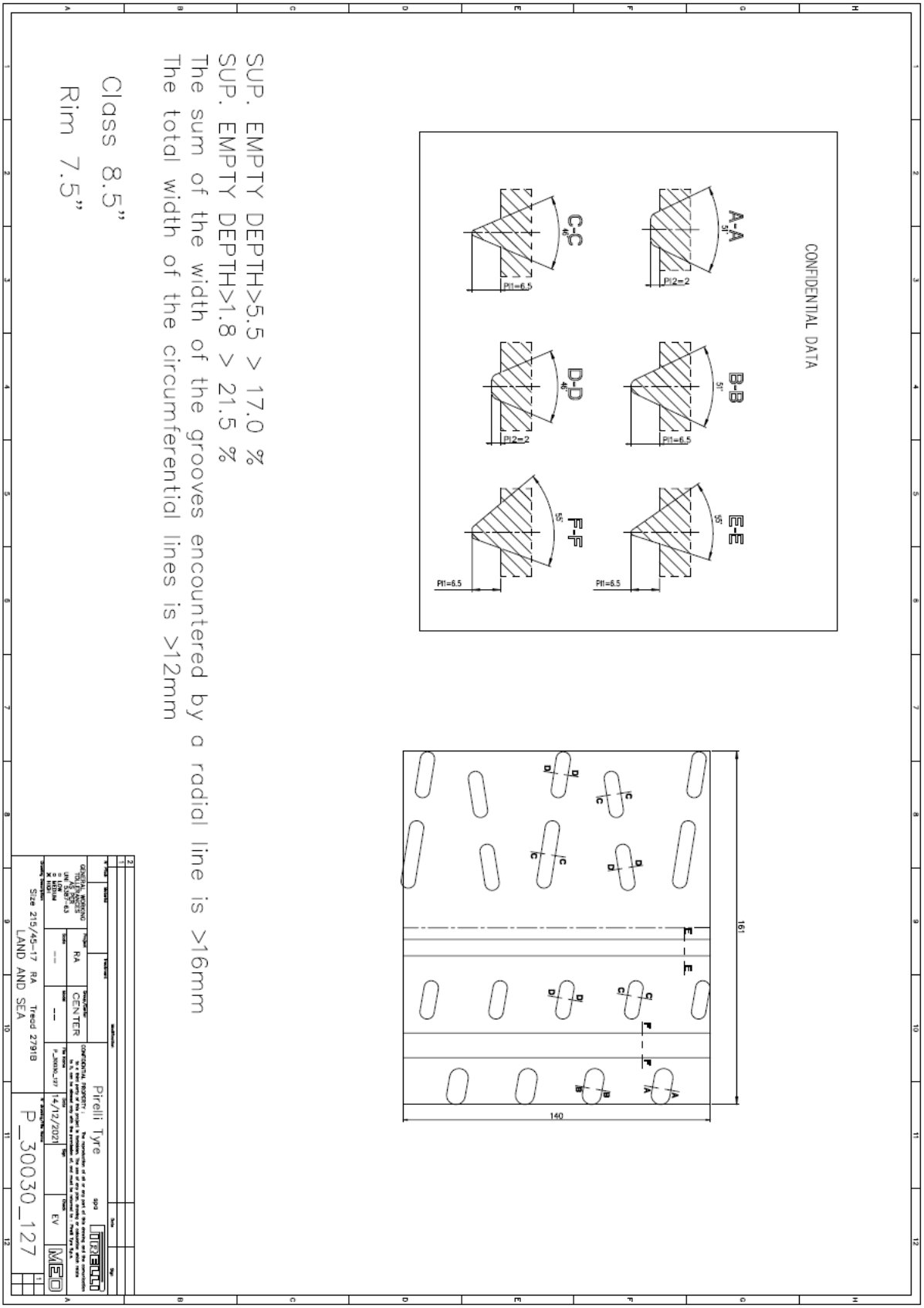
17"-205/45-17


CONFIDENTIAL DATA
MOULD SECTION
SCALE 2:1
D-D
C-C
F-F
E-E
B-B
A-A
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
AREA
SCALE 1:1
148
140
CLASS 8"
RIM 7"
Pirelli Tyre Spa
Size 205/45-17 RK Tread 1838
LAND & SEA
P_30004_292
PRO/E

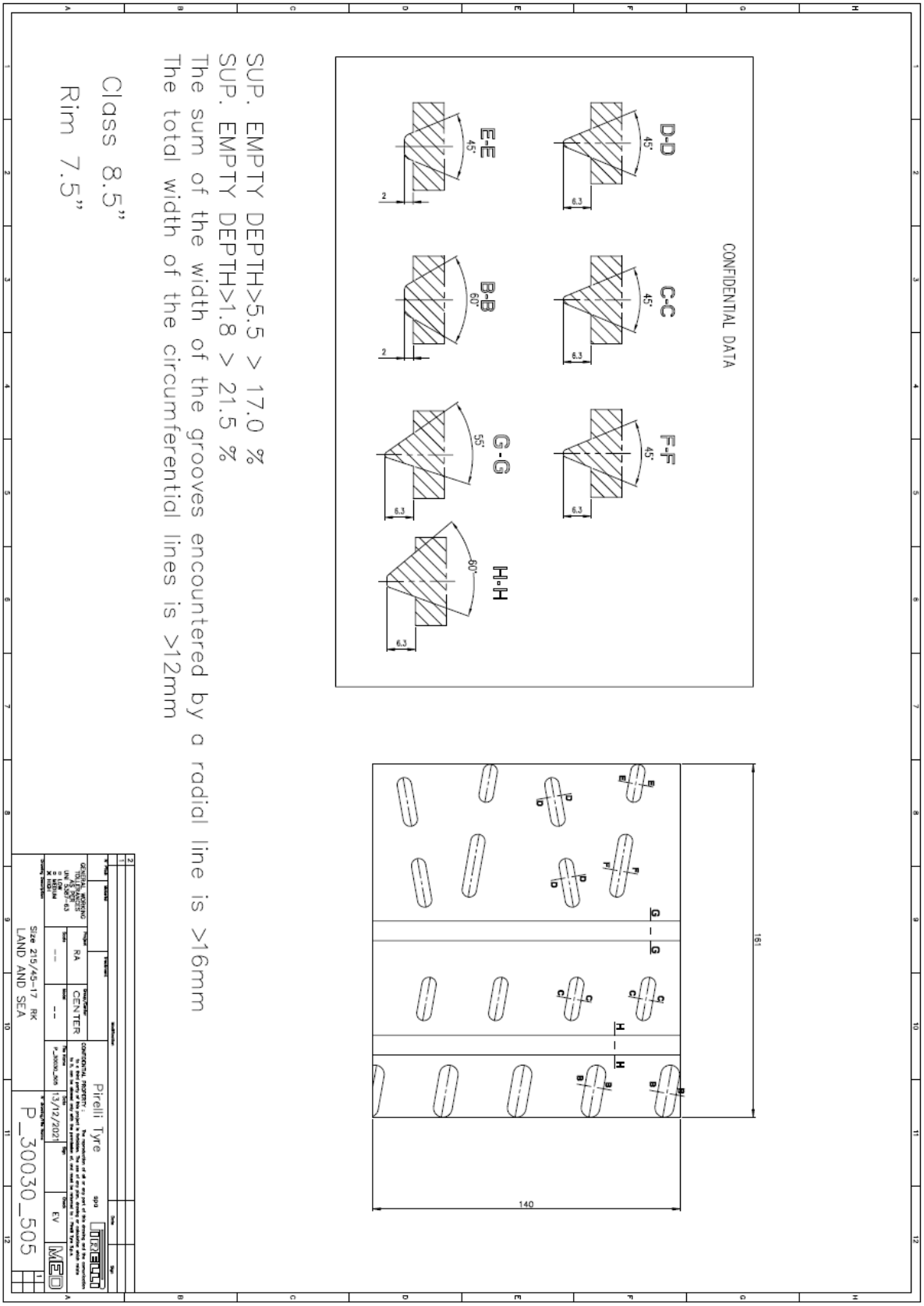
17"-205/45-17


CONFIDENTIAL DATA
A-A
B-B
C-C
D-D
E-E
F-F
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 8"
Rim 7"
148
140
Pirelli Tyre
CENTER
12/12/2020
BIROCCHI
VANZETTI
Size 205/45-17
Tread 2791B
LAND AND SEA
P_30026_075

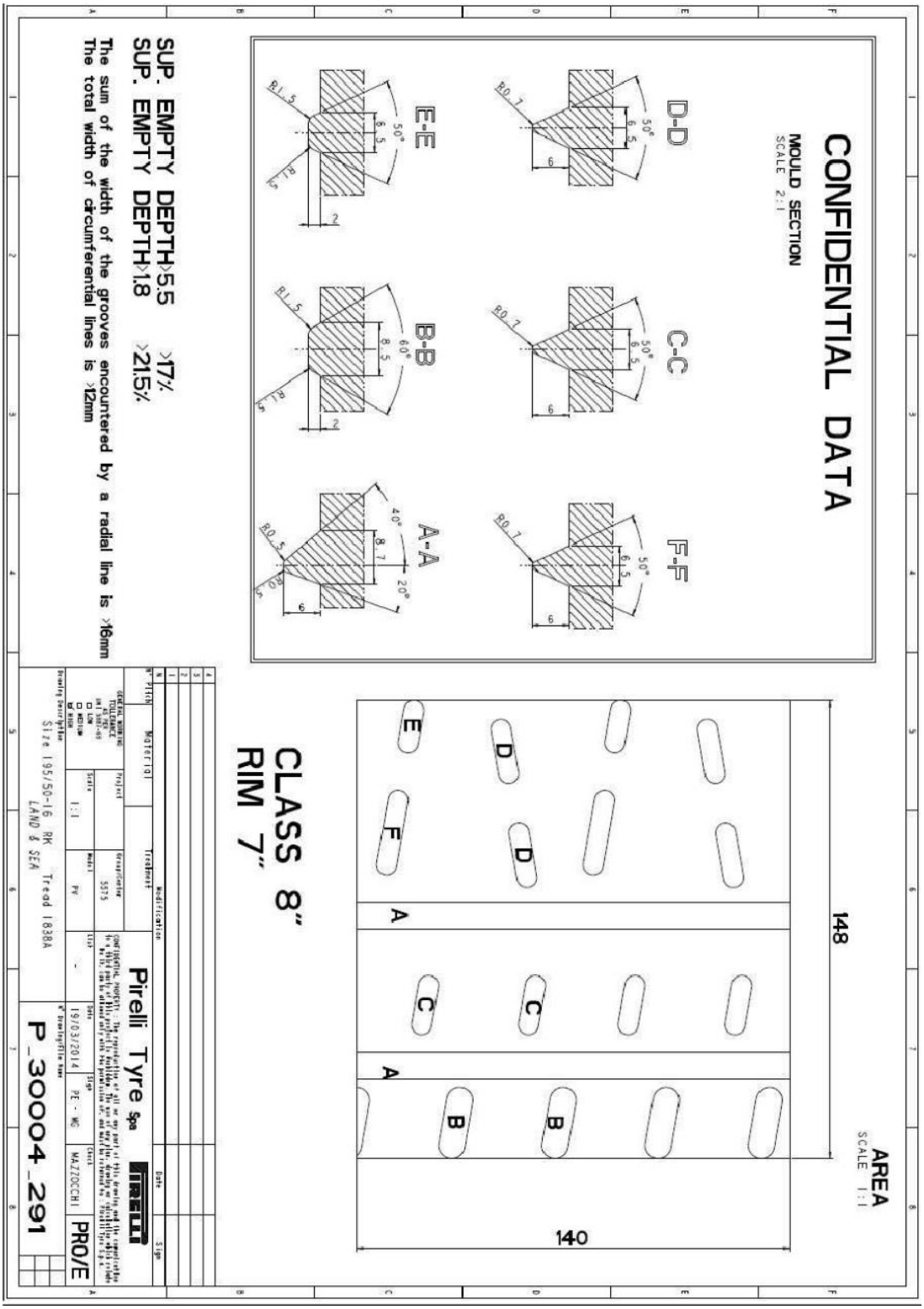
17"-215/45-17


CONFIDENTIAL DATA
A-A
B-B
C-C
D-D
E-E
F-F
Pl2=2
Pl1=6.5
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 8.5"
Rim 7.5"
161
140
Pirelli Tyre
CENTER
RA
Size 215/45-17 RA
LAND AND SEA
Tread 27918
14/12/2021
EV
P_30030_127

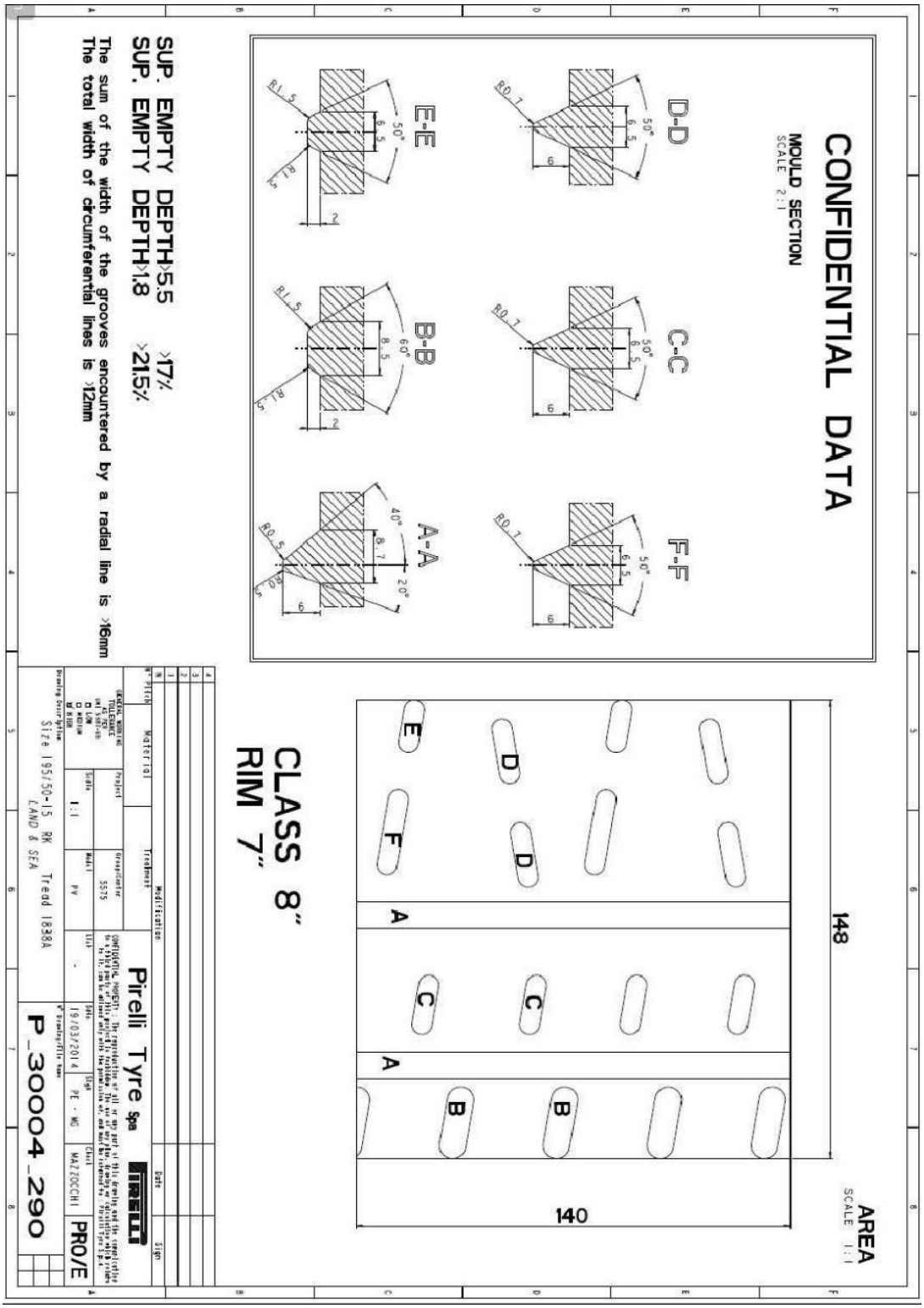
17"-215/45-17


CONFIDENTIAL DATA
D-D
C-C
F-F
E-E
B-B
G-G
H-H
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 8.5"
Rim 7.5"
Pirelli Tyre
CENTER
Size 215/45-17 RK
LAND AND SEA
P_30030_505

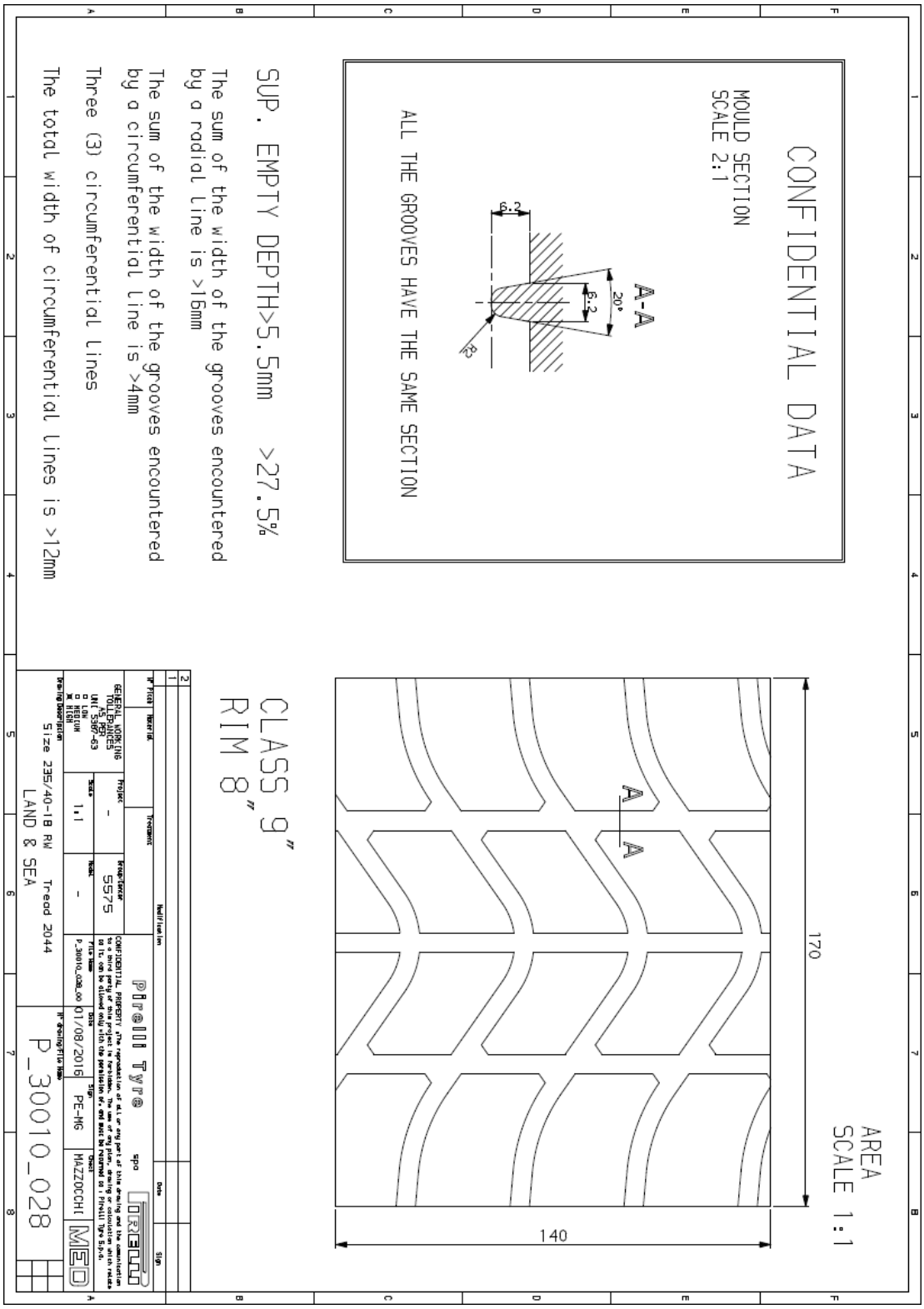
16"-195/50-16


CONFIDENTIAL DATA
MOULD SECTION
SCALE 2:1
D-D
C-C
F-F
E-E
B-B
A-A
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
AREA
SCALE 1:1
148
140
CLASS 8"
RIM 7"
Pirelli Tyre Spa
Size 195/50-16 RK Tread 1838A
LAND & SEA
P_300004_291
PRO/E

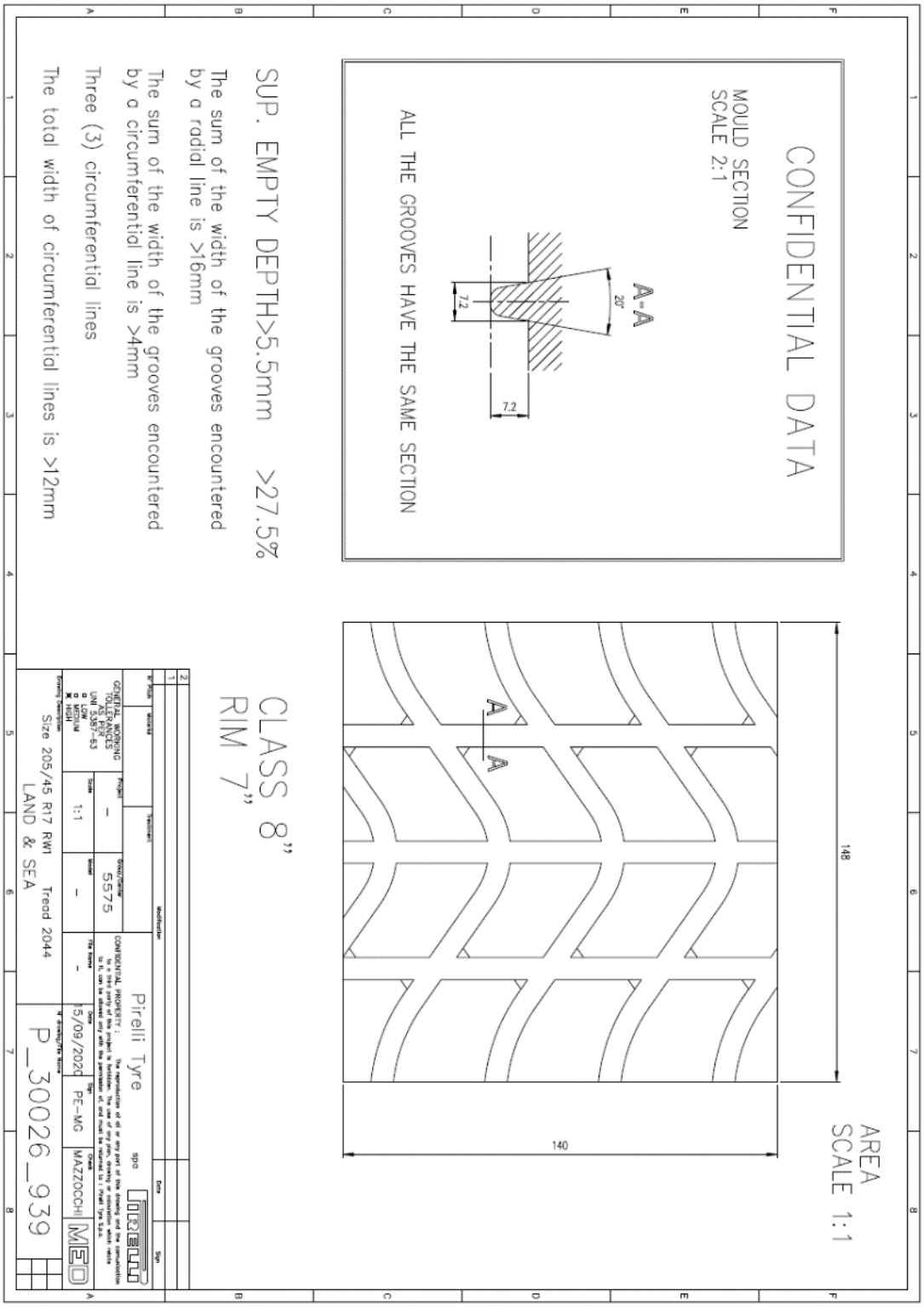
15"-195/50-15


CONFIDENTIAL DATA
MOULD SECTION
SCALE 2:1
D-D
C-C
F-F
E-E
B-B
A-A
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
CLASS 8"
RIM 7"
148
140
AREA
SCALE 1:1
Pirelli Tyre Spa
Size 195/50-15 RK
LAND & SEA
Tread 1838A
P_30004_290
PRO/E

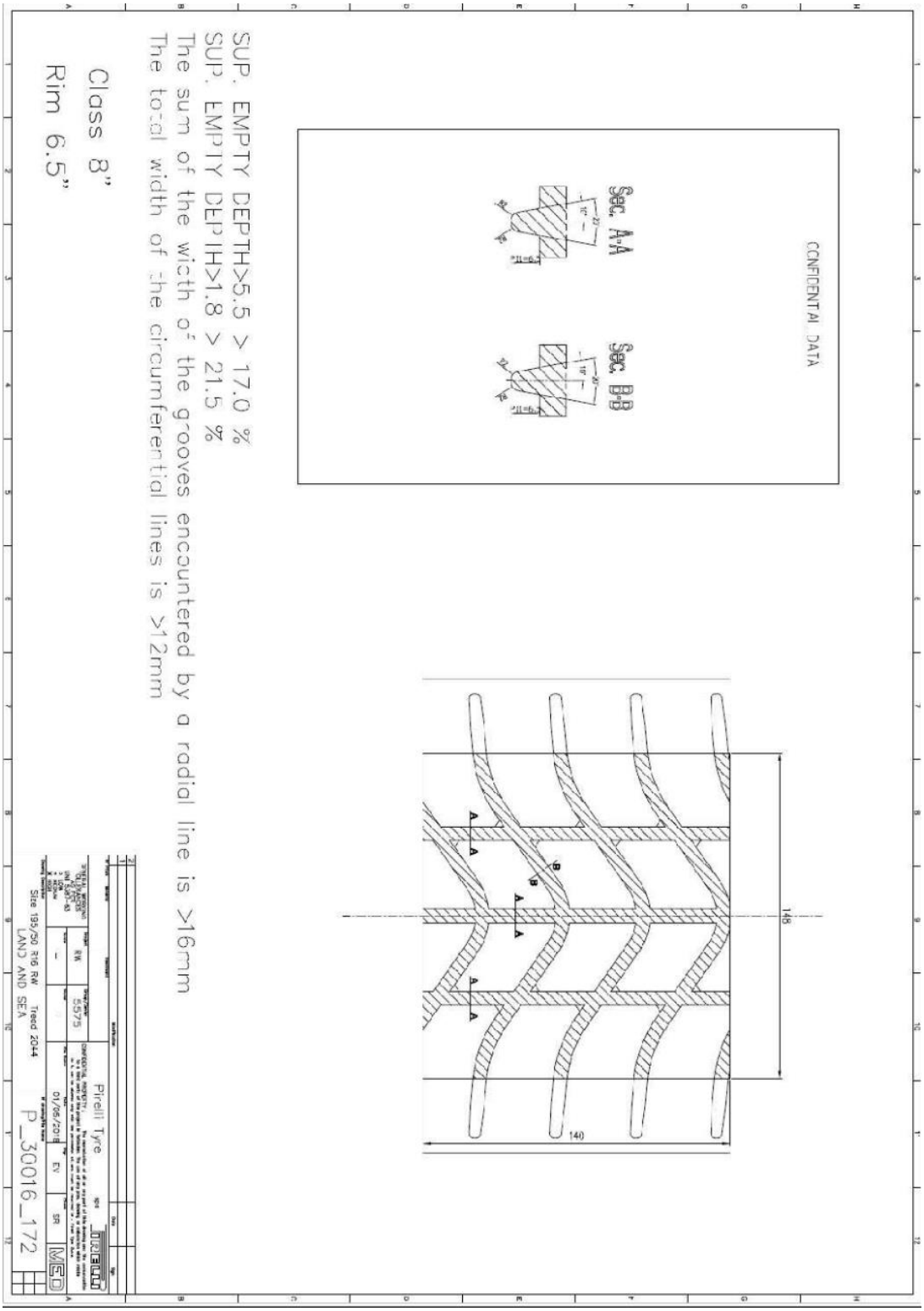
18"-235/40-18


CONFIDENTIAL DATA
MOULD SECTION
SCALE 2:1
A-A
20°
6.2
6.2
R3
ALL THE GROOVES HAVE THE SAME SECTION
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
AREA
SCALE 1:1
170
140
A
A
CLASS 9"
RIM 8"
Pirelli Tyre
Size 235/40-18 RW
Tread 2044
LAND & SEA
P_30010_028
01/08/2016
PE-MG
MAZZOCCHI

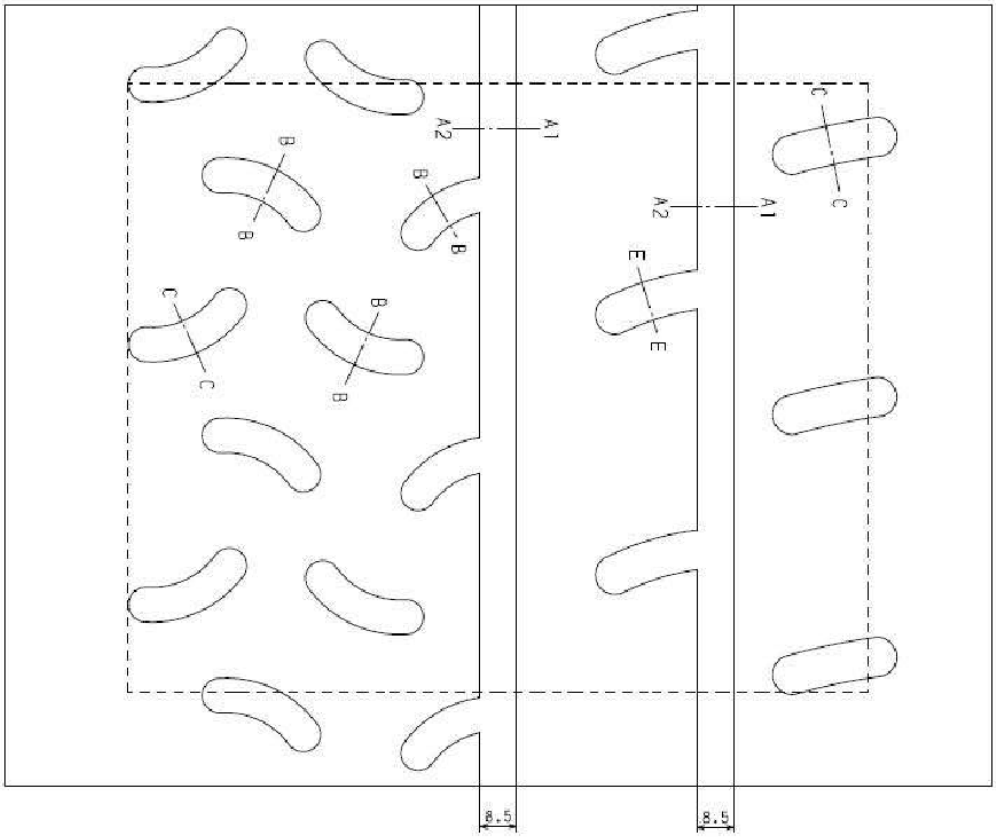
17"-205/45-17

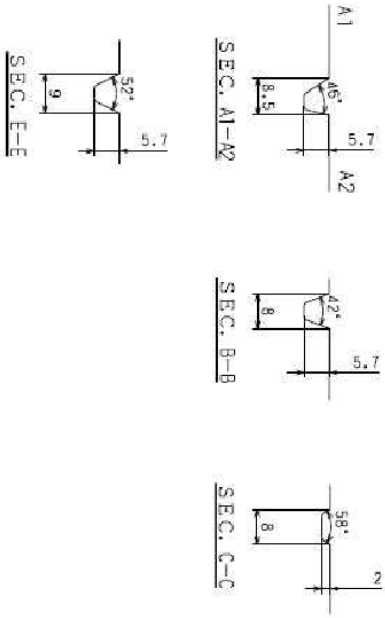

CONFIDENTIAL DATA
MOULD SECTION
SCALE 2:1
A-A
20°
7.2
7.2
ALL THE GROOVES HAVE THE SAME SECTION
SUP. EMPTY DEPTH>5.5mm >27.5%
The sum of the width of the grooves encountered by a radial line is >16mm
The sum of the width of the grooves encountered by a circumferential line is >4mm
Three (3) circumferential lines
The total width of circumferential lines is >12mm
148
140
A
A
AREA
SCALE 1:1
CLASS 8"
RIM 7"
Pirelli Tyre
Size 205/45 R17 RW1 Tread 2044
LAND & SEA
P_30026_939
5575
5/09/2020
PE-MG
MAZZOCCHI

16"-195/50-16


CONFIDENTIAL DATA
Sec. A-A
Sec. B-B
148
140
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 8"
Rim 6.5"
Pirelli Tyre
Size 195/50 R16 RW
LAND AND SEA
Tread 2044
P_30016_172

18"-235/40-18





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

Control area 170X140

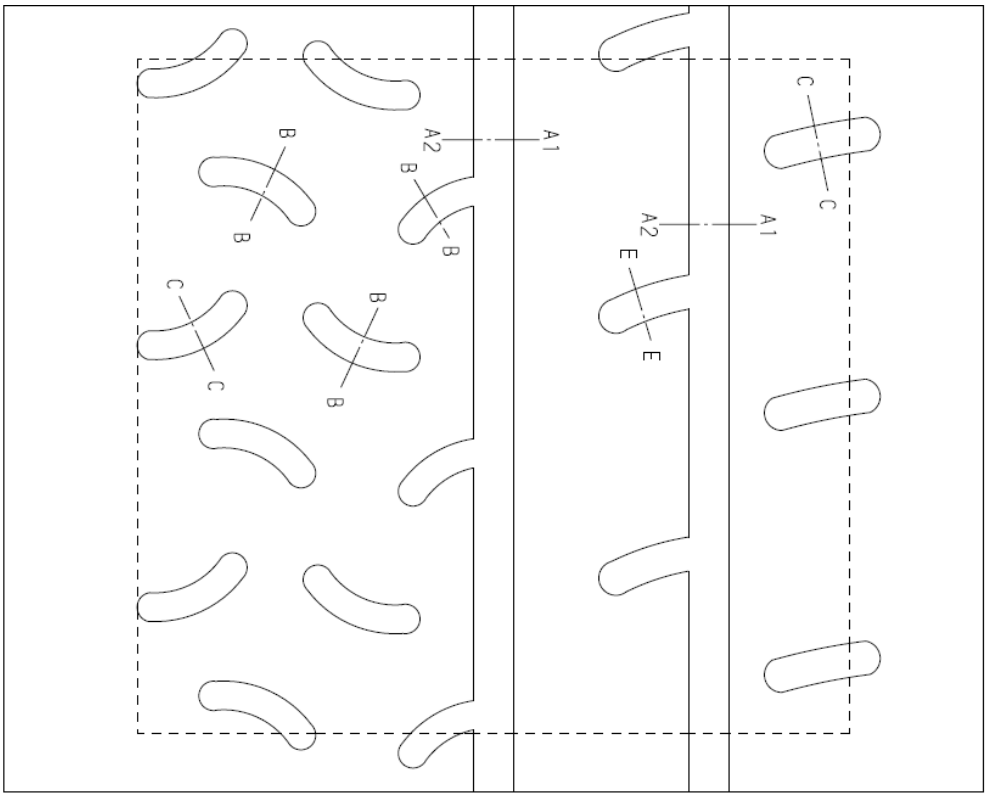
Tyre weight 9.7kg

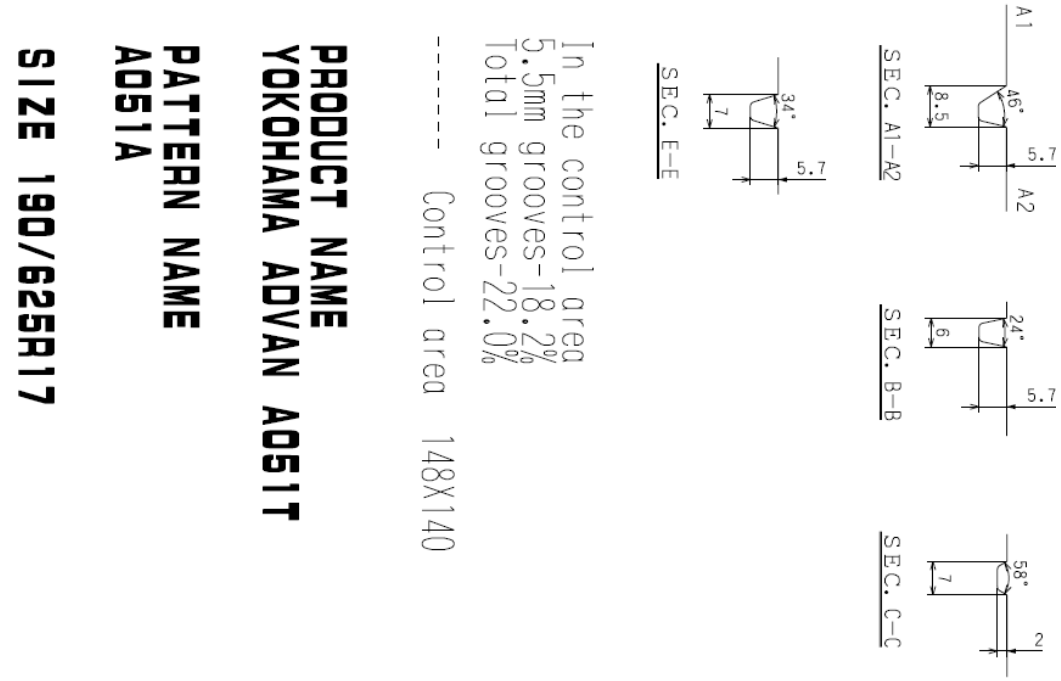
PRODUCT NAME
YOKOHAMA ADVAN A051T

PATTERN NAME
A051A

SIZE 210/650R18

17"-190/625-17





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

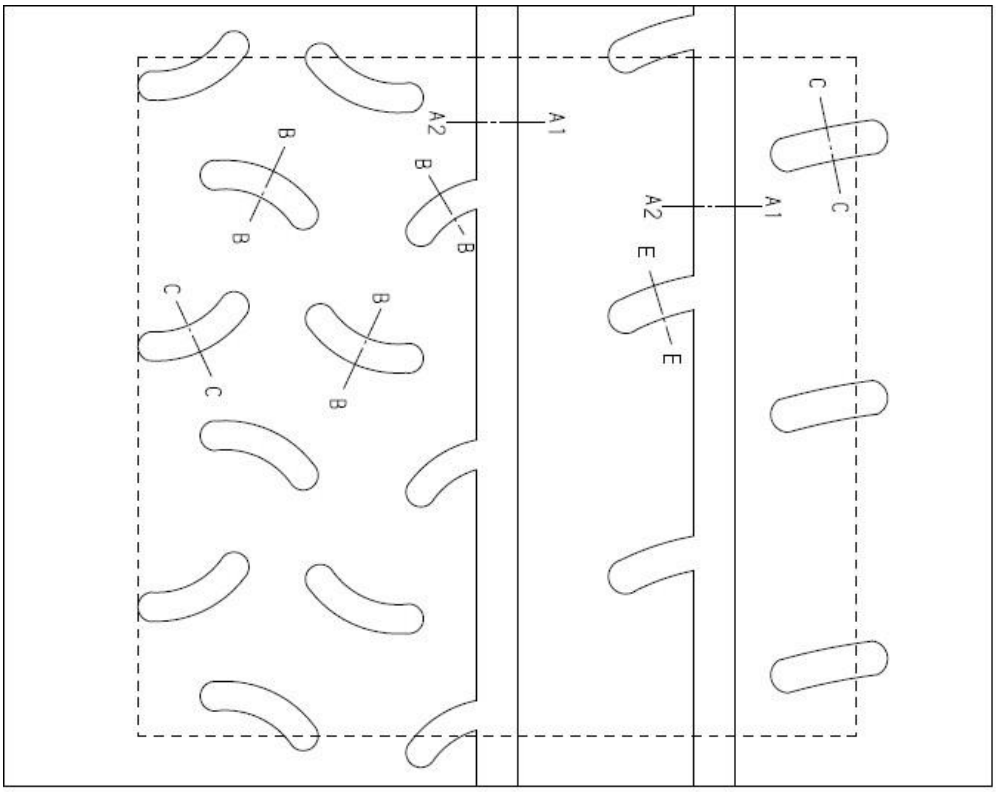
---- Control area 148X140

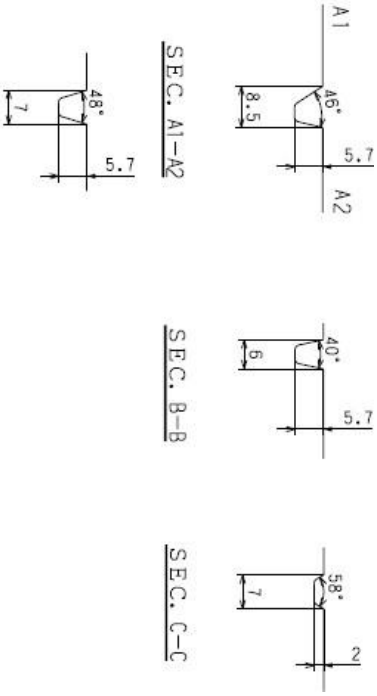
PRODUCT NAME
YOKOHAMA ADVAN A051T

PATTERN NAME
A051A

SIZE 190/625R17

17"-210/625-17





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

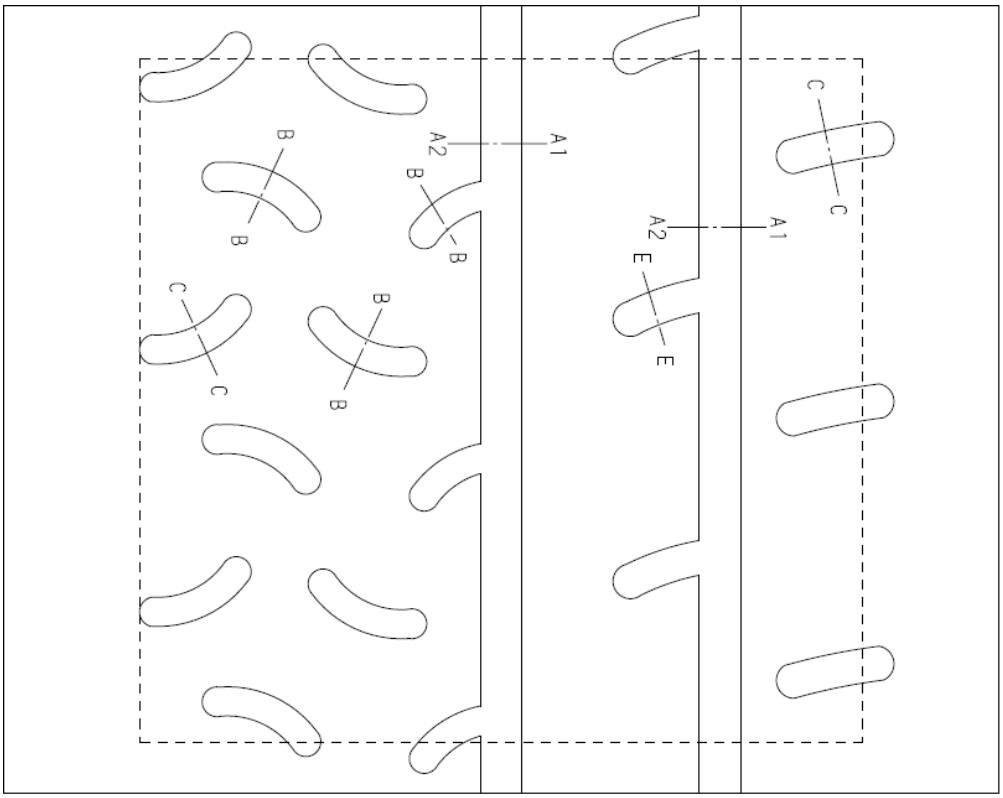
------- Control area 170X140

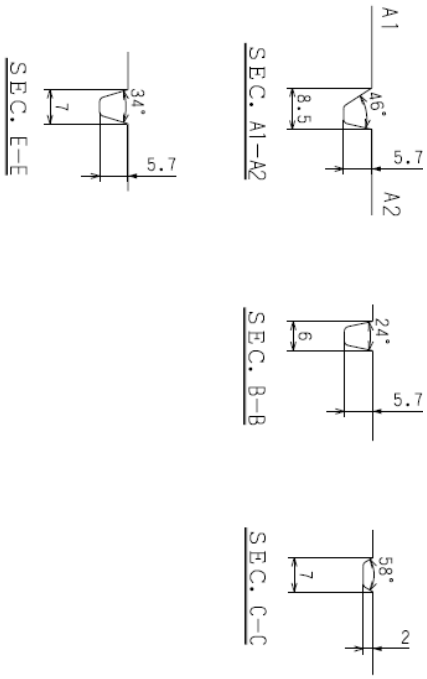
PRODUCT NAME
YOKOHAMA ADVAN A051T

PATTERN NAME
A051A

SIZE 210/625R17

16"-190/600-16





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

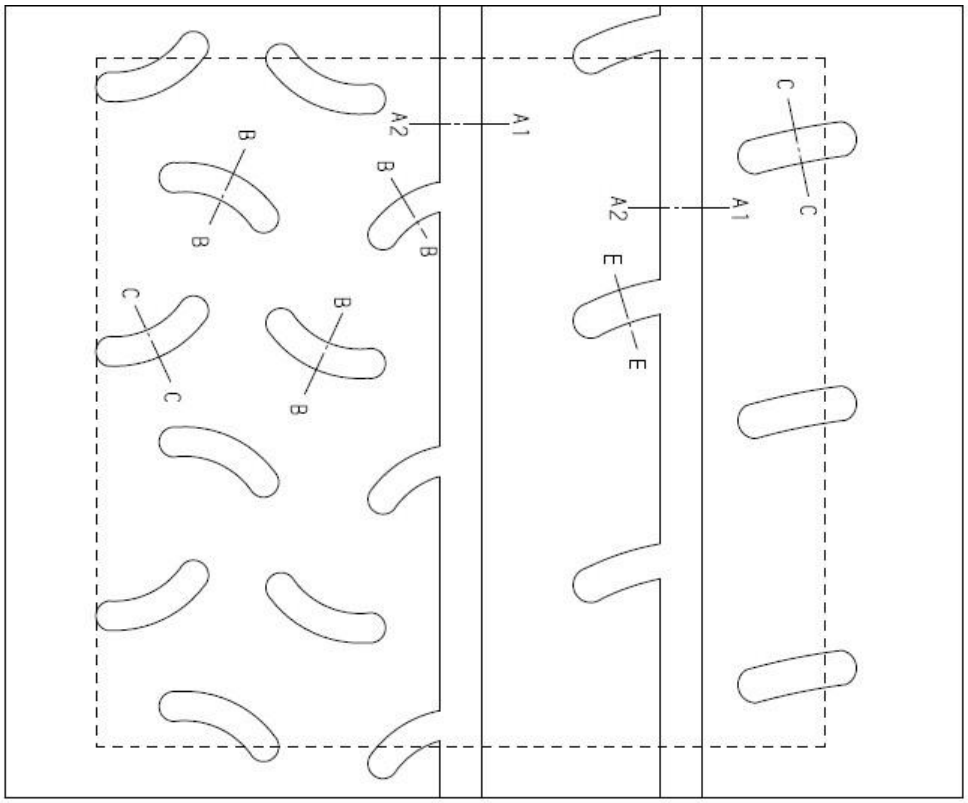
---------- Control area 148X140

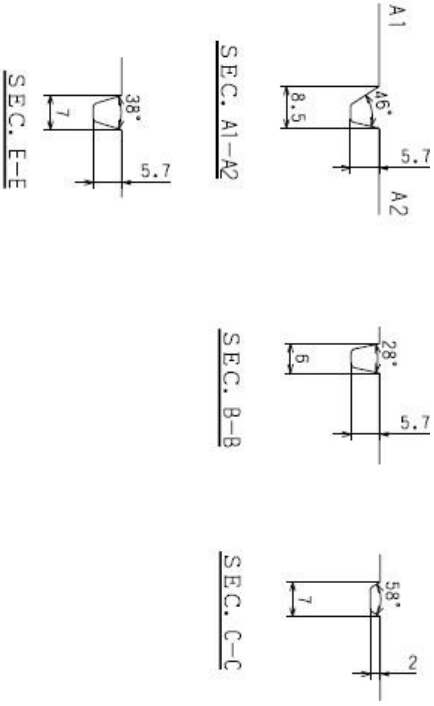
PRODUCT NAME
YOKOHAMA ADVAN A051T

PATTERN NAME
A051A

SIZE 190/600R16

15"-190/580-15





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

------ Control area 148X140

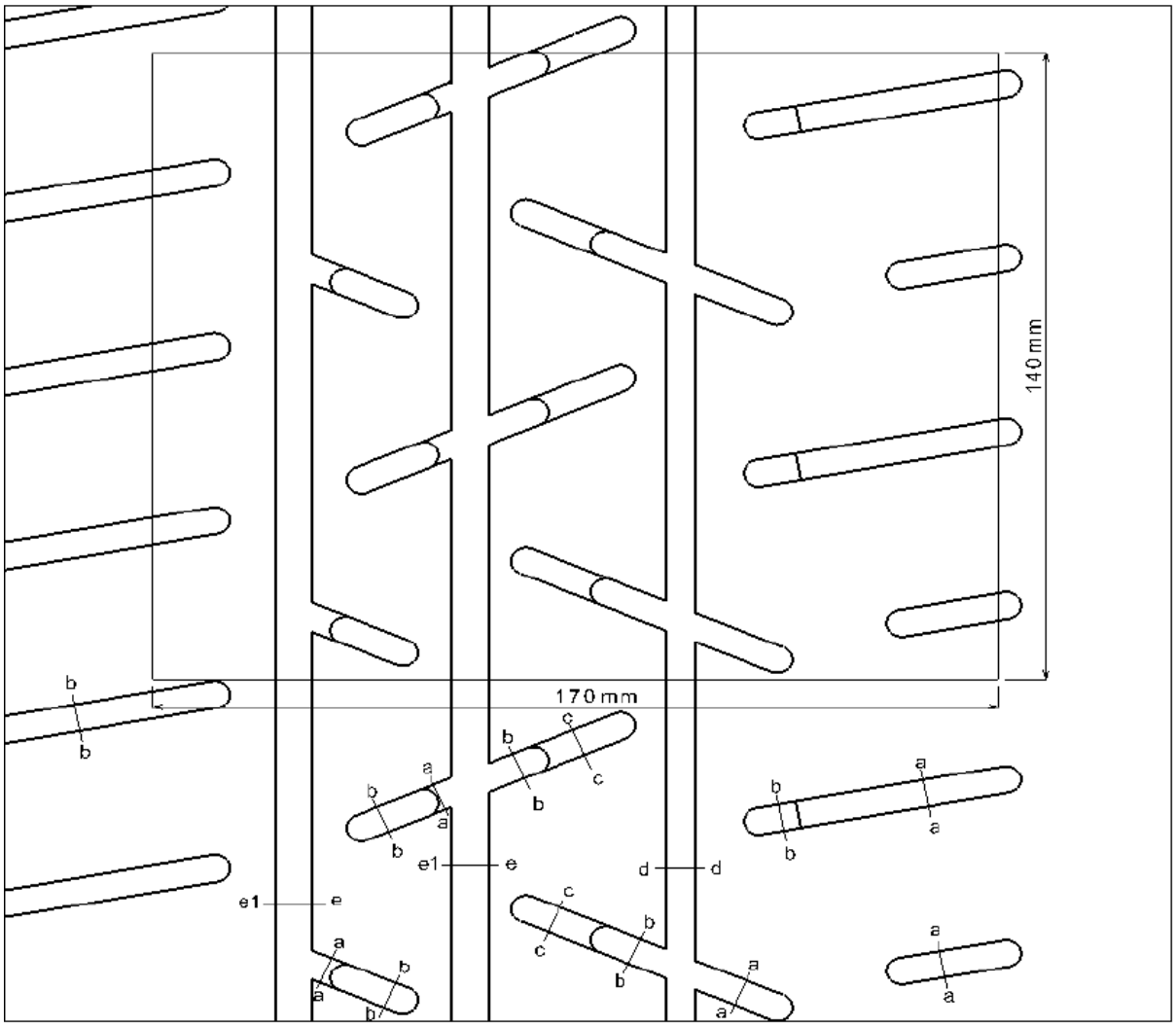
PRODUCT NAME
YOKOHAMA ADVAN A051T

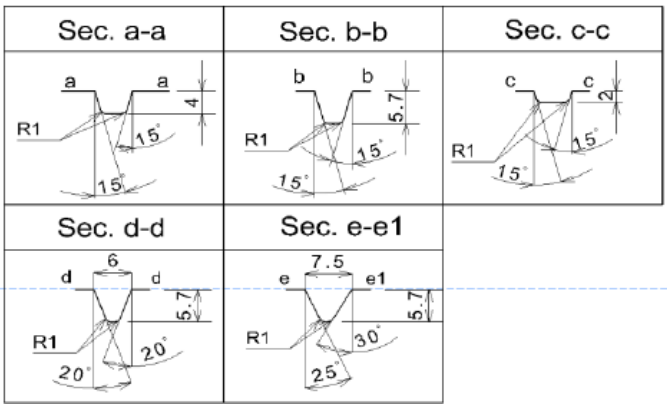
PATTERN NAME
A051A

SIZE 190/580R15

18" - 210/650R18

Product : Ventus Z205





Claass 9" (Rim 8")

Empty Depth > 5.5mm : 17.07%

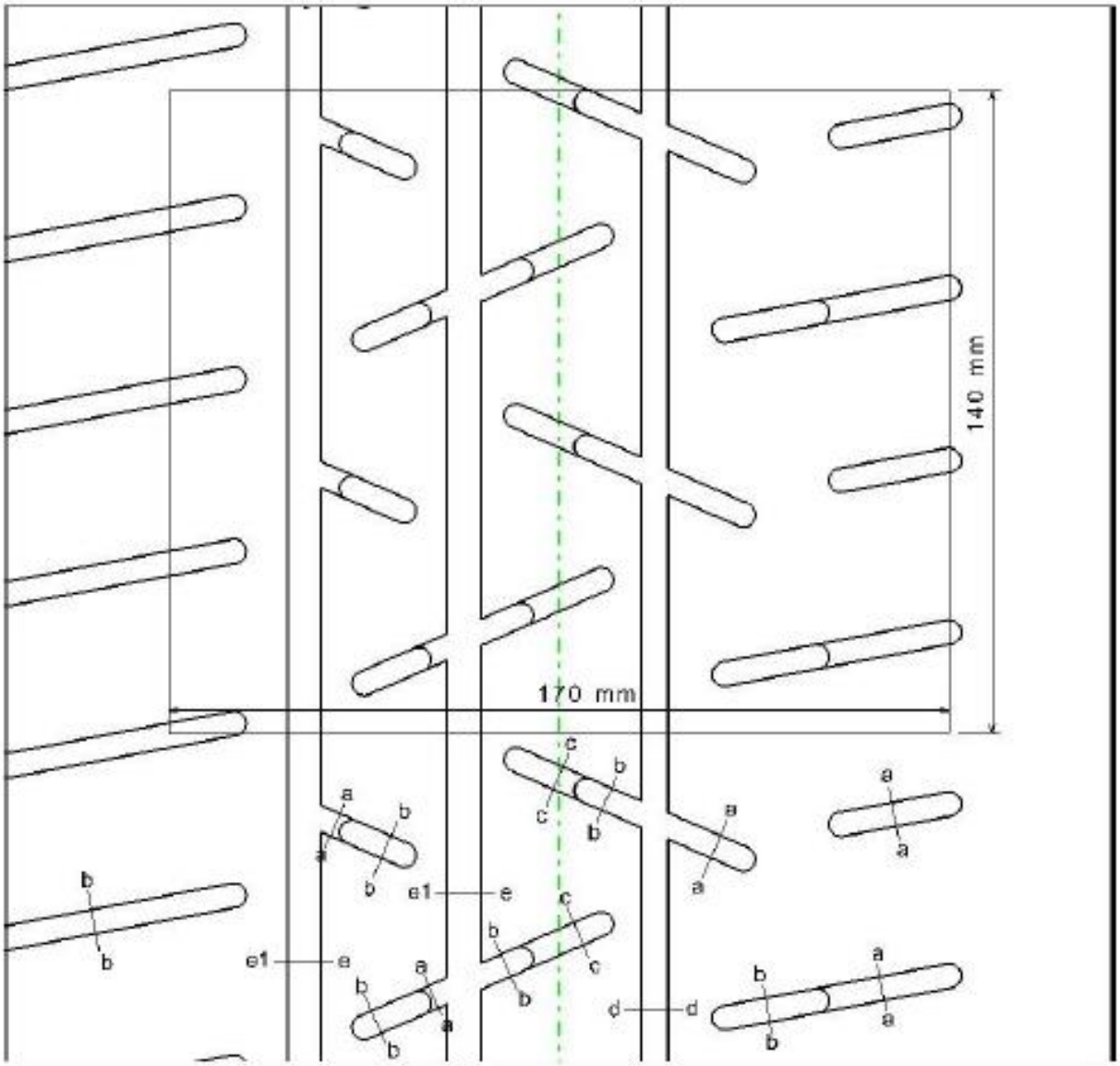
Empty Depth > 1.8mm : 23.30%

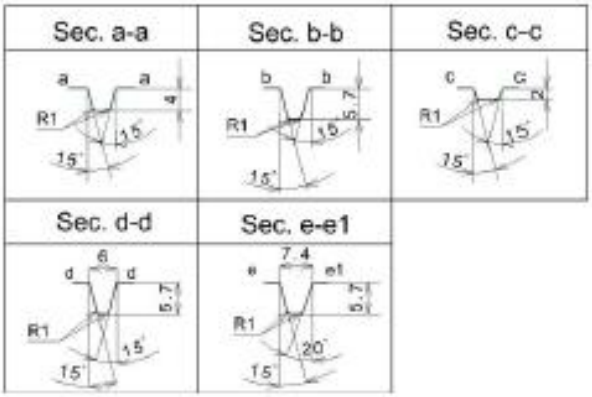
GROOVE SURFACE AREA = 554540 mm²

Control Surface = 23800 mm²

17" - 210/625R17

Product : Ventus Z205





Class 9" (Rim 7.5")

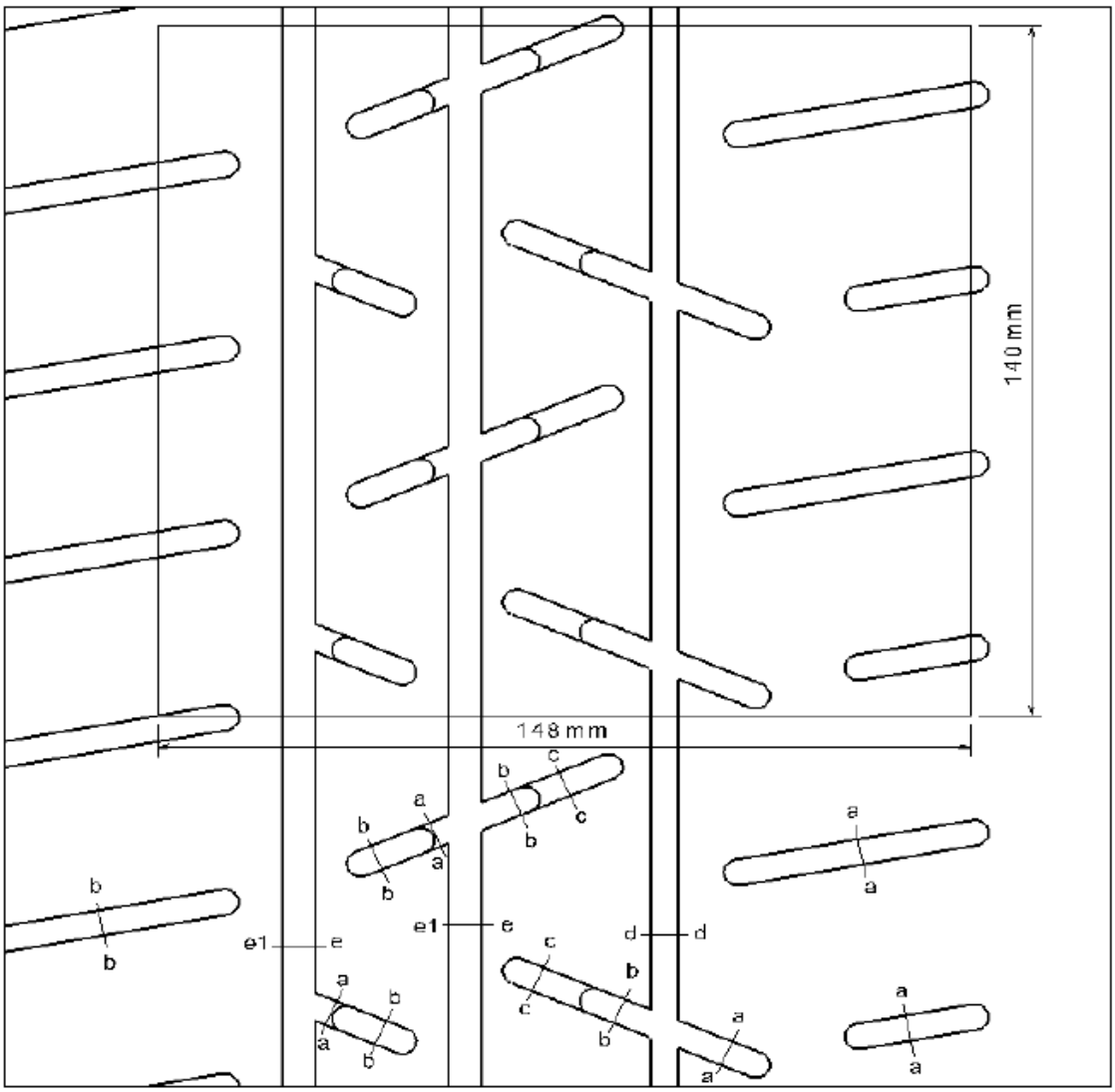
Empty Depth > 5.5mm : 17.05%

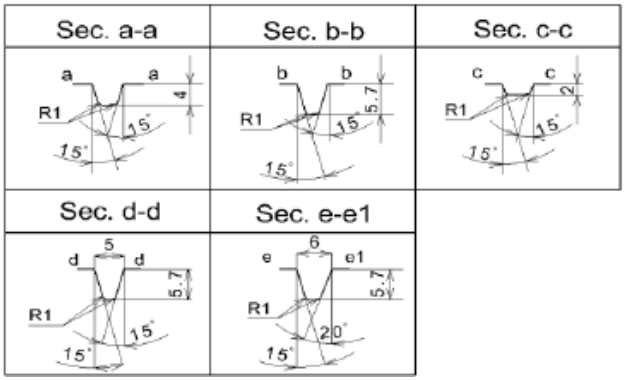
Empty Depth > 1.8mm : 25.08%

Control Surface = 23800 mm²

17" - 180/625R17

Product : Ventus Z205





Claass 8" (Rim 7")

Empty Depth > 5.5mm : 17.06%

Empty Depth > 1.8mm : 22.48%

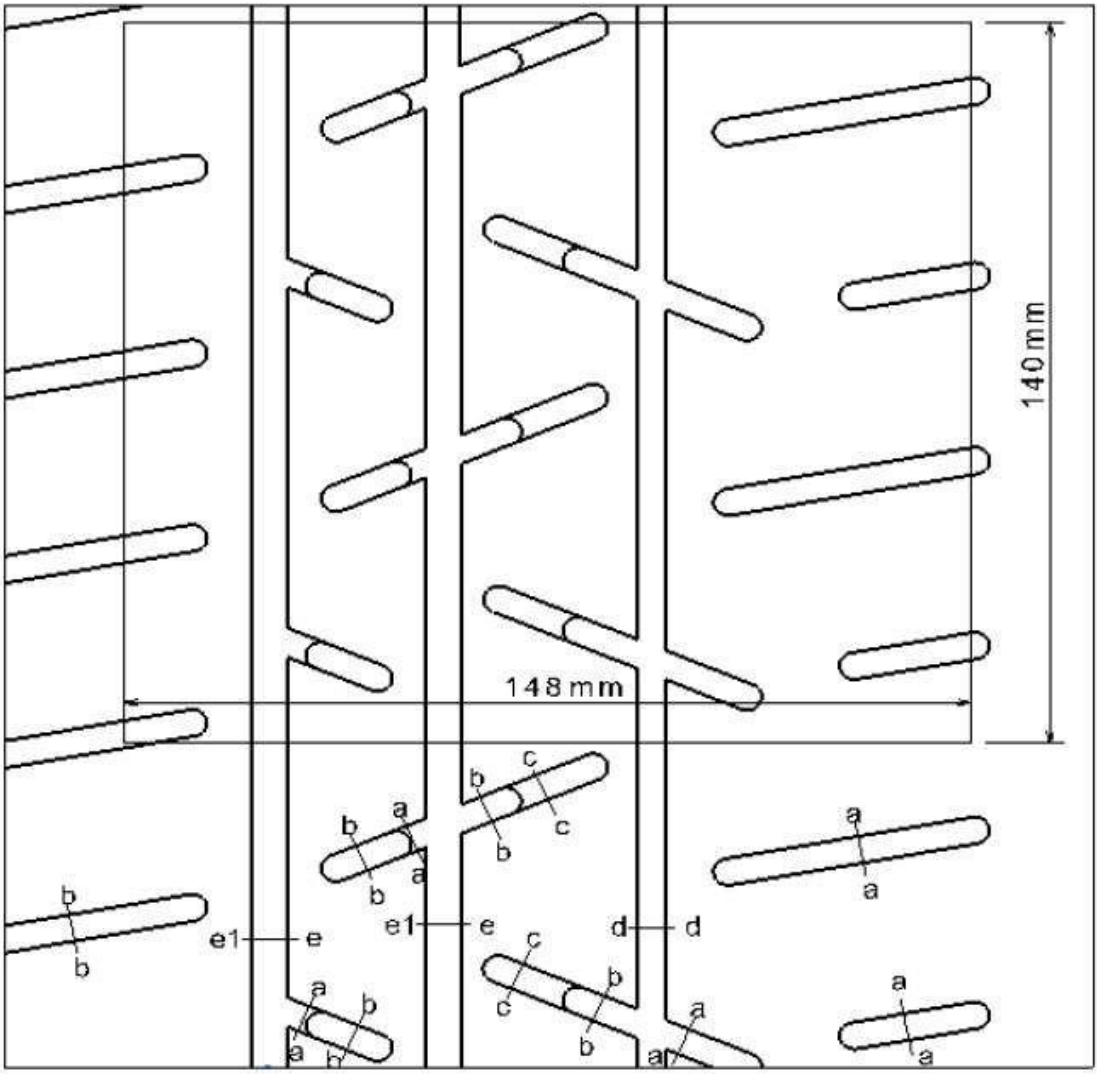
8

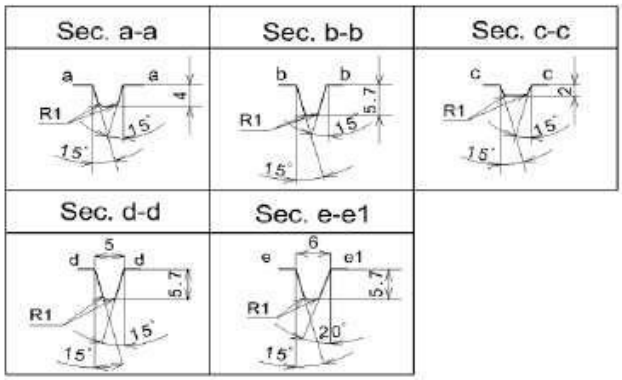
GROOVE SURFACE AREA = 353483.2 mm^2

Control Surface = 20720 mm^2

16″ - 180/600R16

Product : Ventus Z205





Claass 8″ (Rim 6.5″)

Empty Depth > 5.5mm : 17.30%

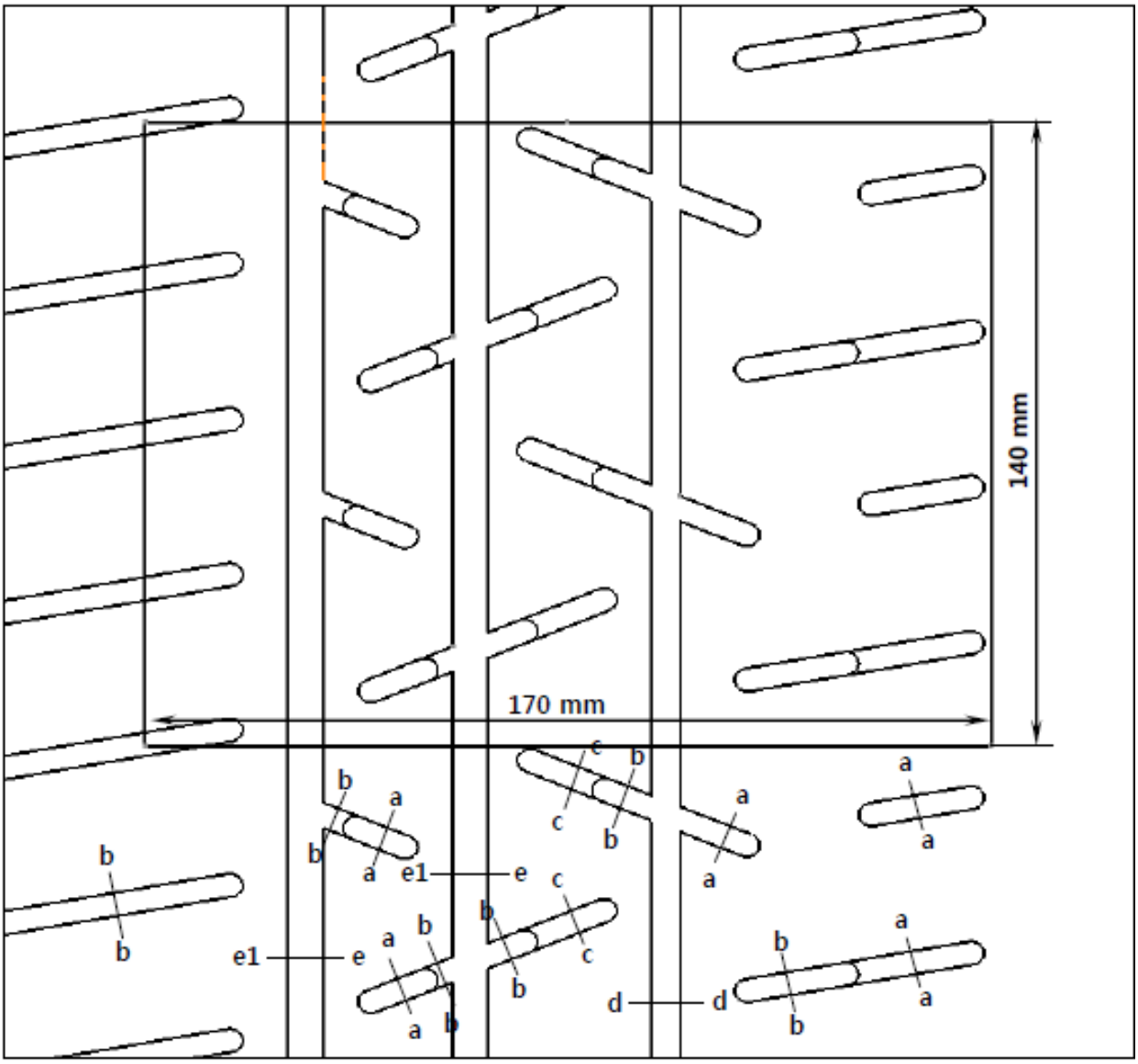
Empty Depth > 1.8mm : 22.95%

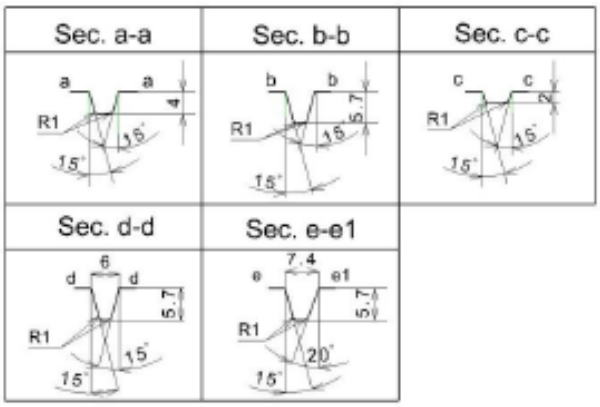
GROOVE SURFACE AREA = 358456 mm^2

Control Surface = 20720 mm^2

15" - 200/580R15

Product : Ventus Z205





Class 9" (Rim 7.0")

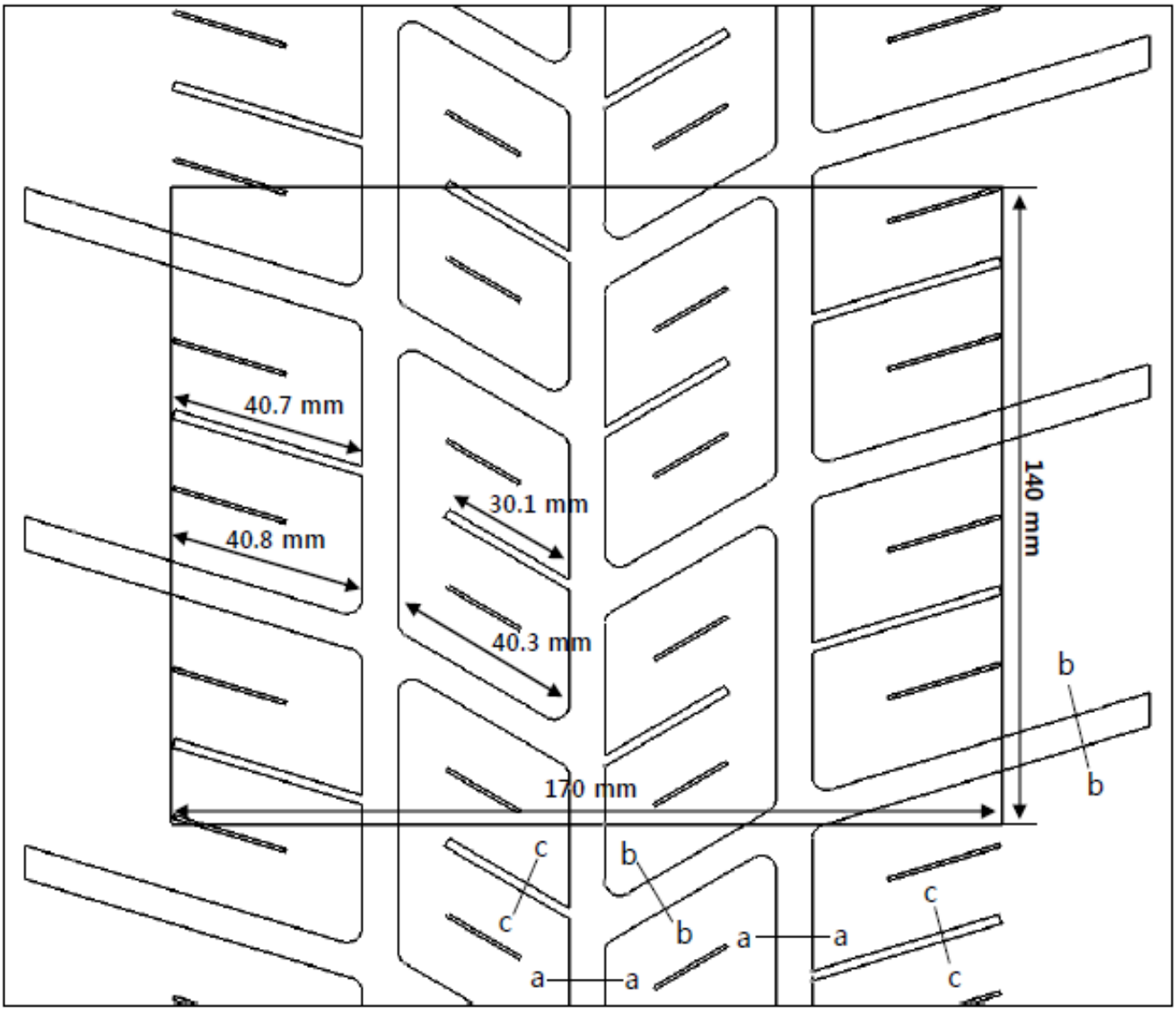
Empty Depth > 5.5mm : 17.06%

Empty Depth > 1.8mm : 25.07%

Control Surface = 23800 mm²

18" - 210/650R18

Product : Ventus Z210



Class 9" (Rim 8")

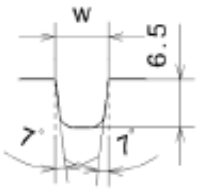
a – a groove width / depth : 8.2 mm / 6.5 mm

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

Empty Depth > 5.5mm : 27.5%

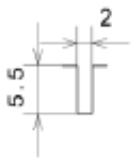
Control Surface = 23800 mm²

SEC : a – a, b – b



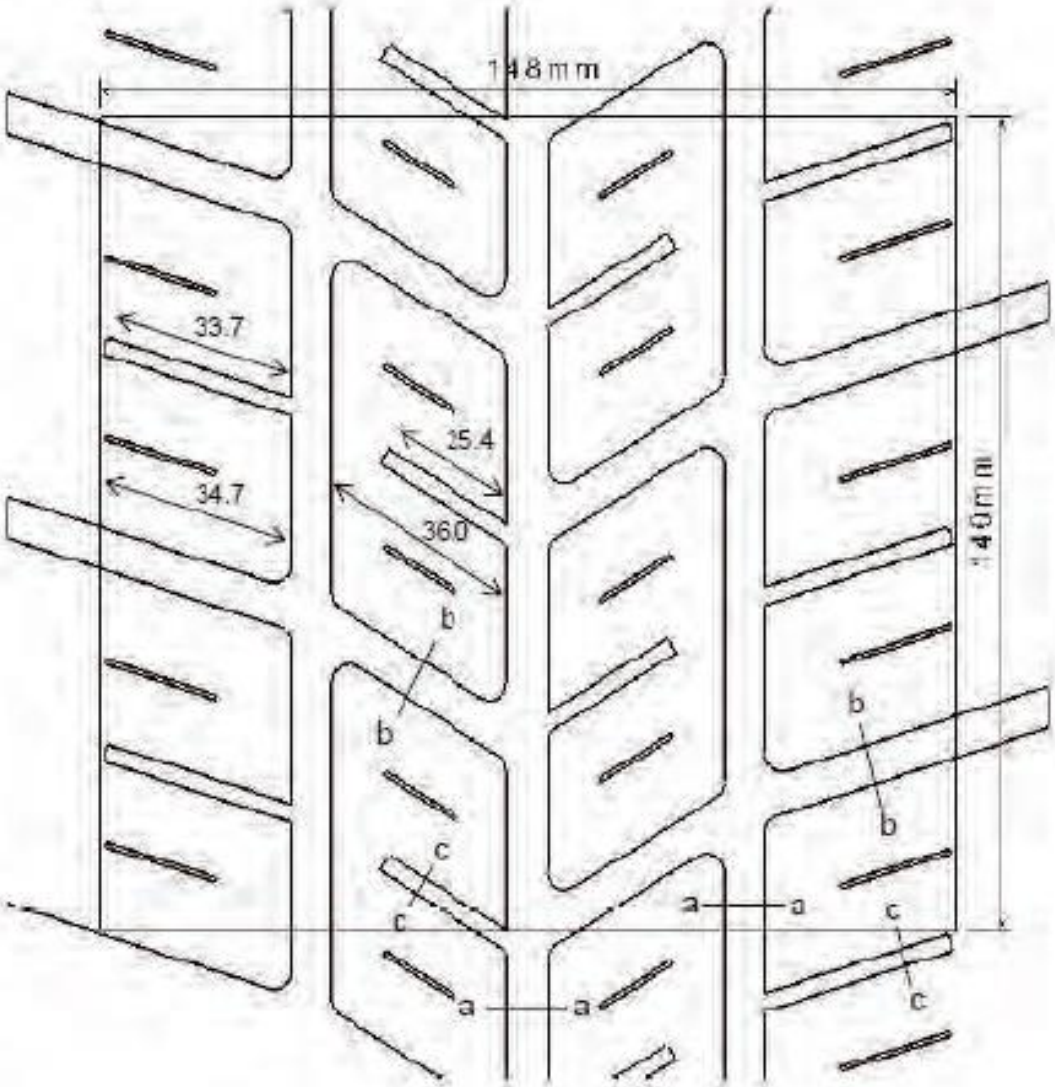
	w
a – a	8.2
b – b	8.0

SEC : c – c



17" - 180/625R17

Product : Ventus Z210



Width of Rim/Tyre Assembly : 7.5" ~ 8"

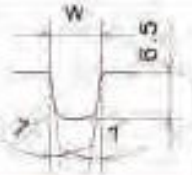
a – a groove width / depth : 7.2 mm / 6.5 mm

b – b groove width / depth : 7.0 mm / 6.5 mm

Empty Depth > 5.5mm : 27.5%

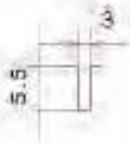
Control Surface = 20720 mm²

SEC : a – a, b – b



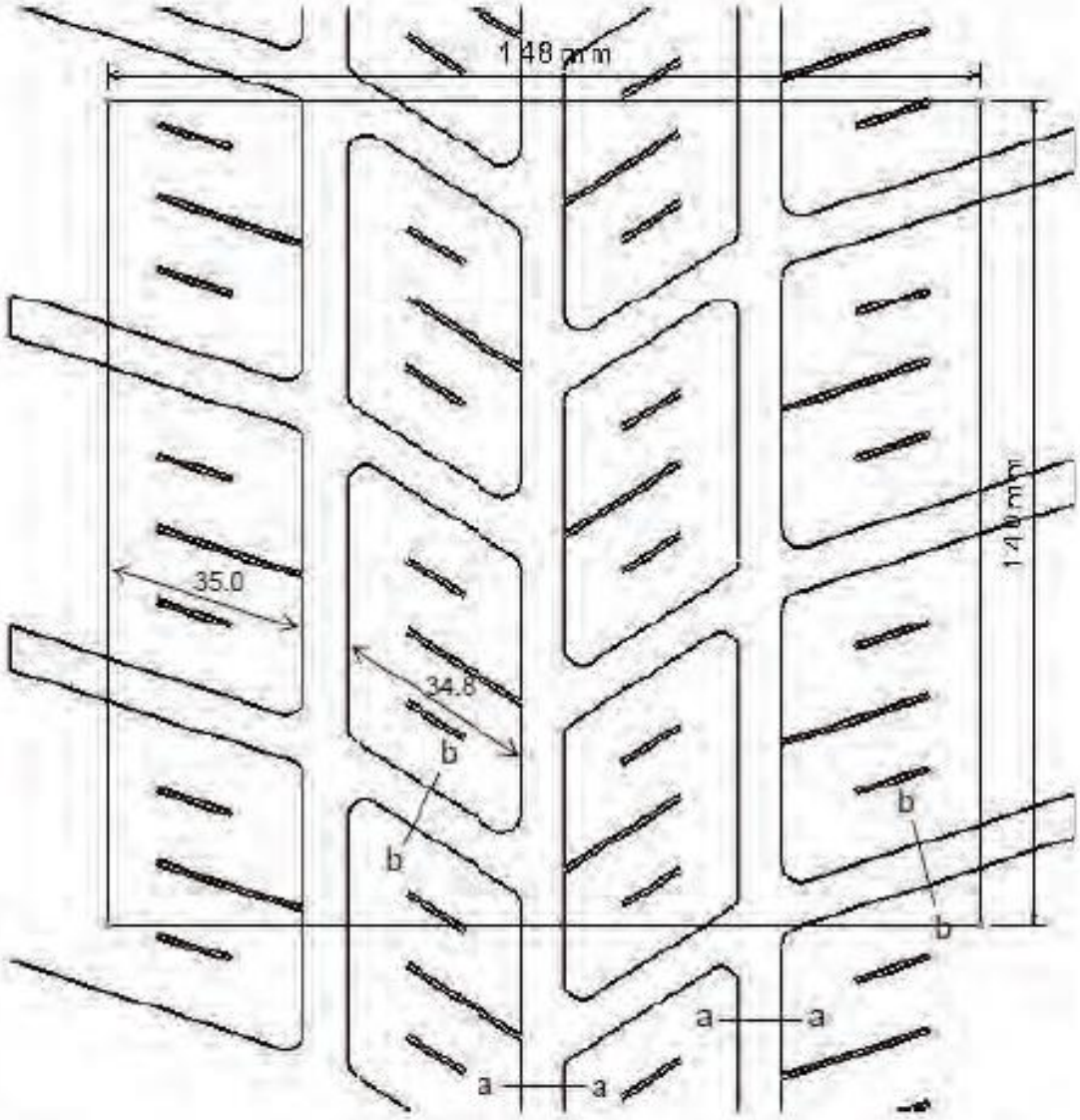
	W
a – a	7.2
b – b	7.0

SEC : c – c



16" - 180/600R16

Product : Ventus Z210



Width of Rim/Tyre Assembly : 7.5" ~ 8"

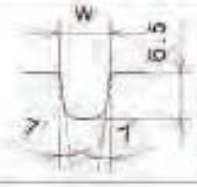
a – a groove width / depth : 7.5 mm / 6.5 mm

b – b groove width / depth : 7.5 mm / 6.5 mm

Empty Depth > 5.5mm : 27.5%

Control Surface = 20720 mm²

SEC : a – a, b – b



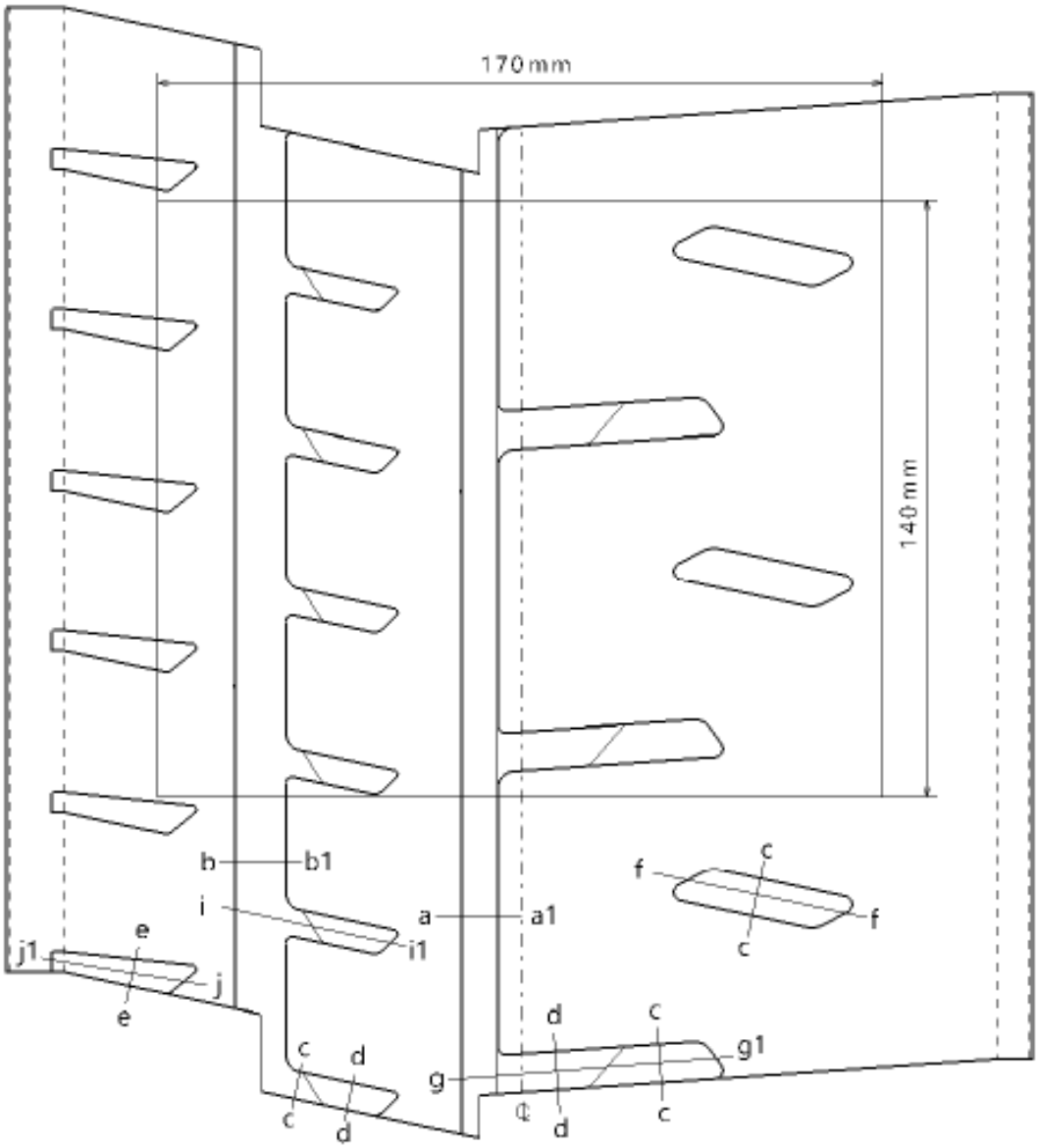
	w
a – a	7.5
b – b	7.5

NEW 2021

HANKOOK

18" - 210/650R18

Product Name : Ventus Z215

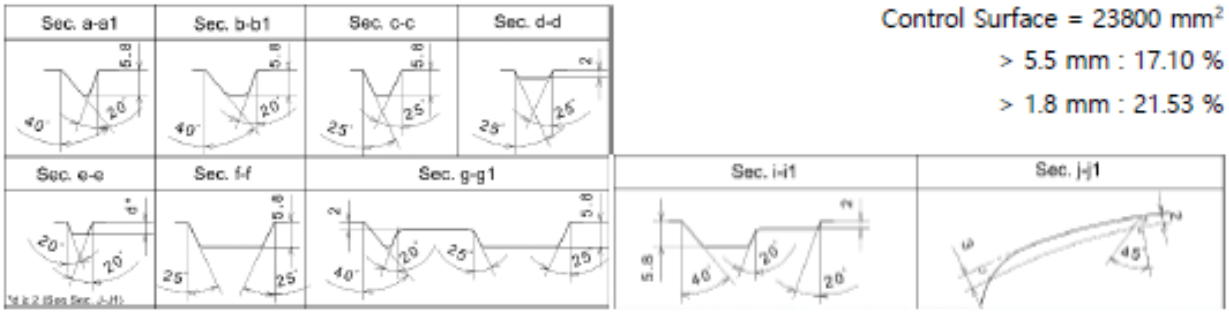


Width of Rim/Tyre Assembly : 8.5" ~ 9"

Control Surface = 23800 mm²

> 5.5 mm : 17.10 %

> 1.8 mm : 21.53 %

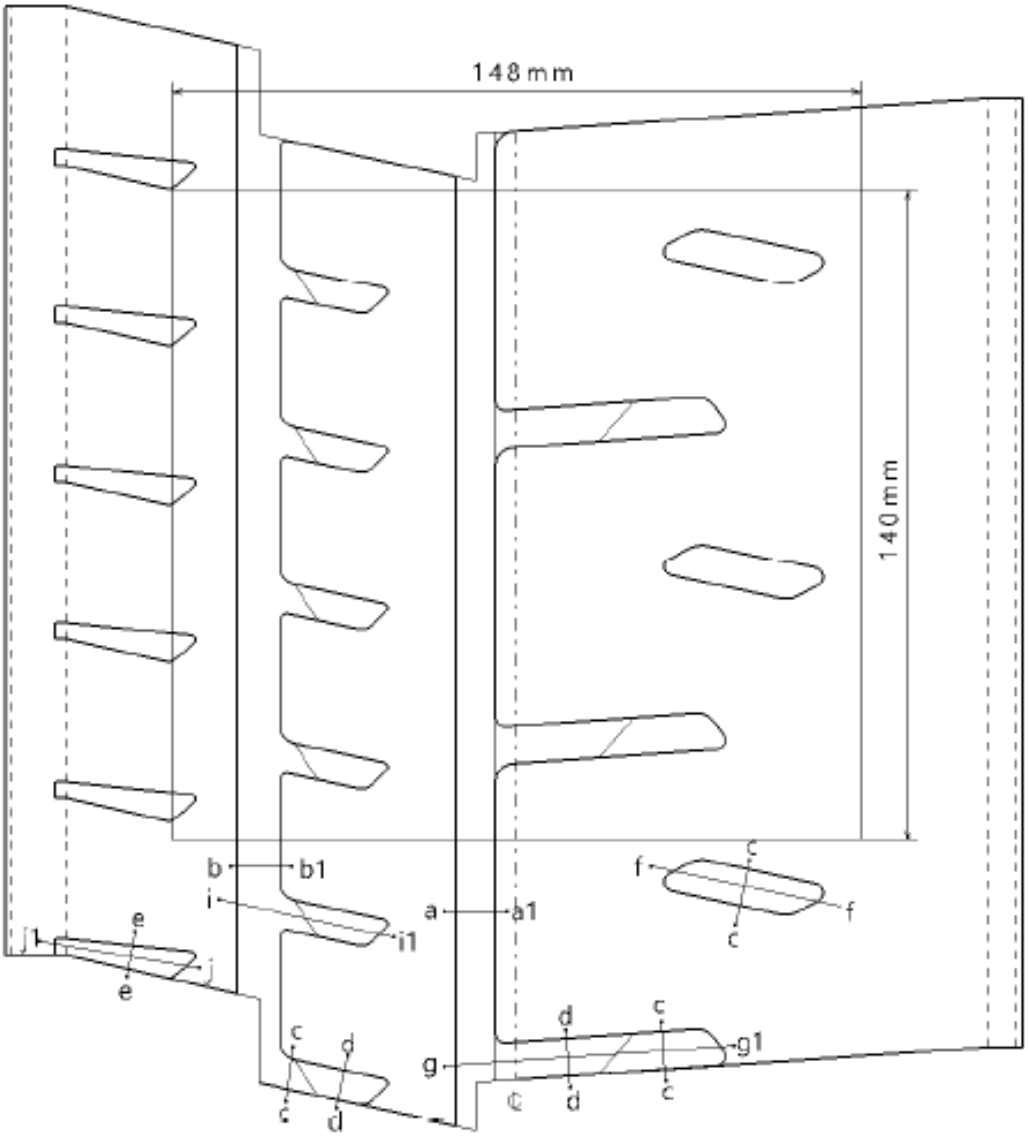


NEW 2021

HANKOOK

17" - 190/630R17

Product Name : Ventus Z215

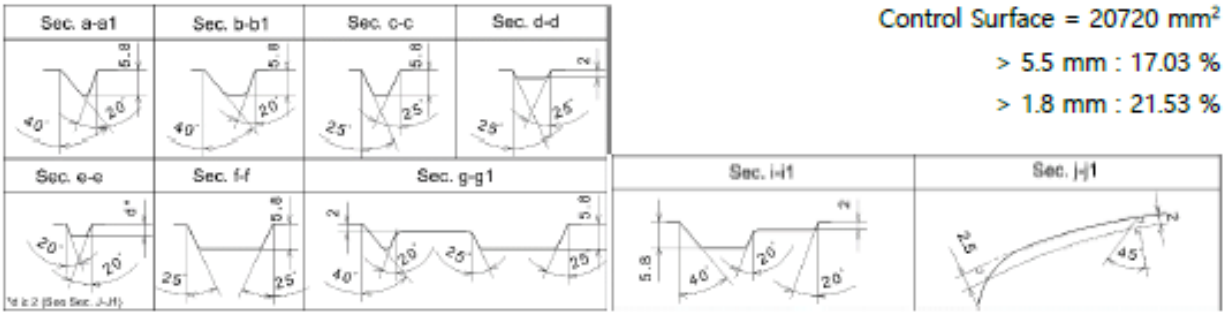


Width of Rim/Tyre Assembly : 7.5" ~ 8"

Control Surface = 20720 mm²

> 5.5 mm : 17.03 %

> 1.8 mm : 21.53 %

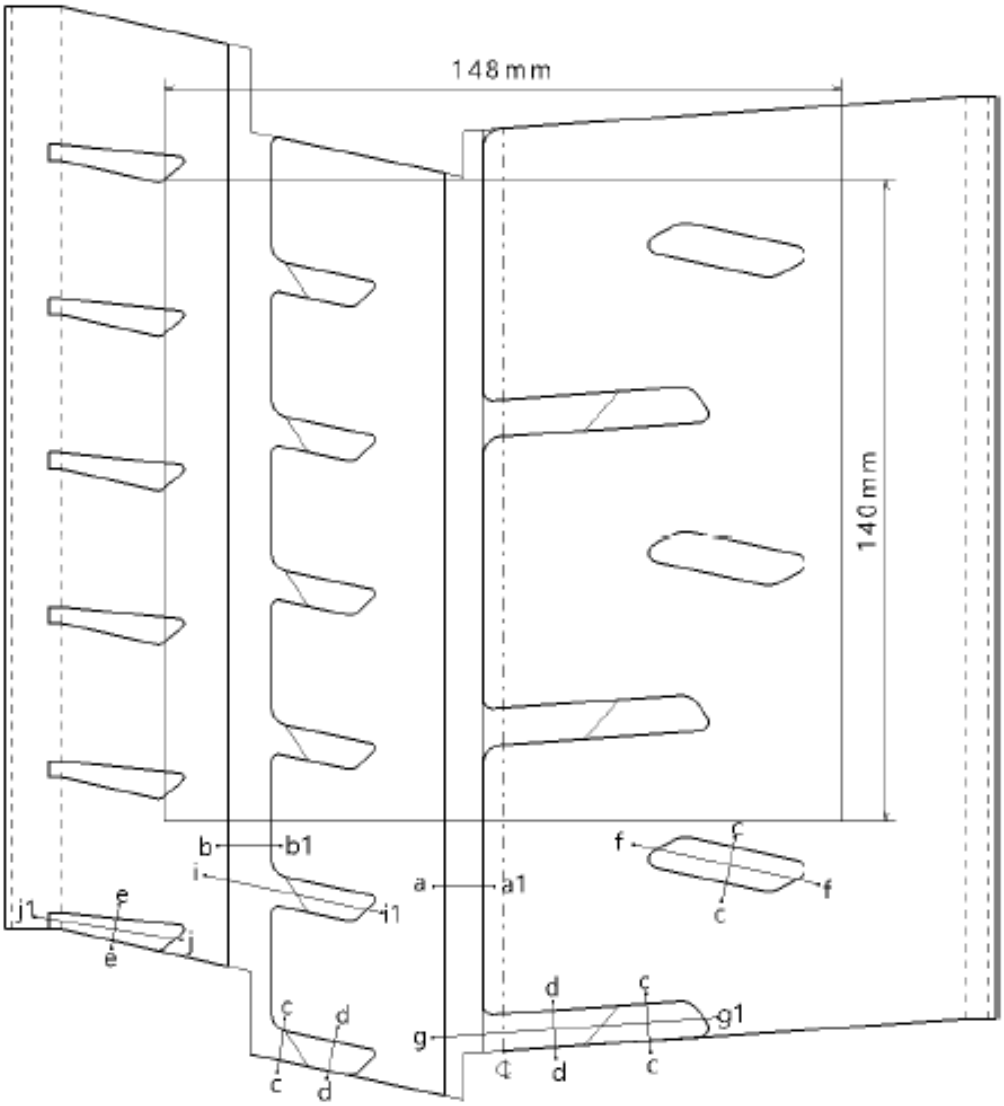


NEW 2021

HANKOOK

16" - 190/600R16

Product Name : Ventus Z215

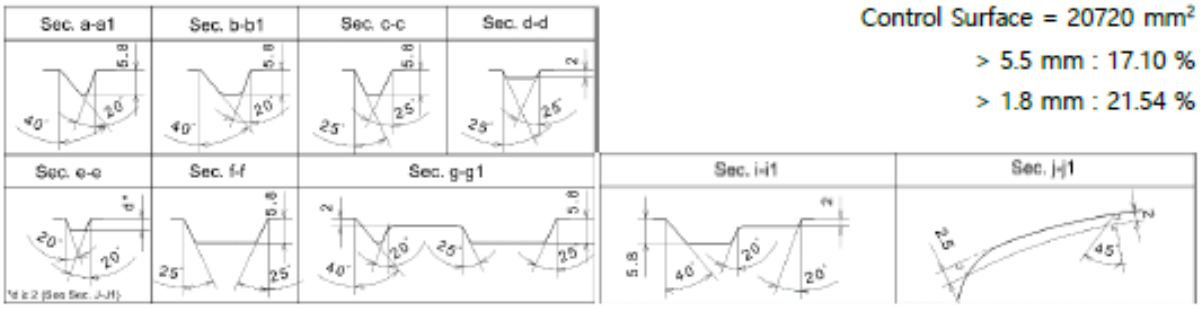


Width of Rim/Tyre Assembly : 7.5" ~ 8"

Control Surface = 20720 mm²

> 5.5 mm : 17.10 %

> 1.8 mm : 21.54 %

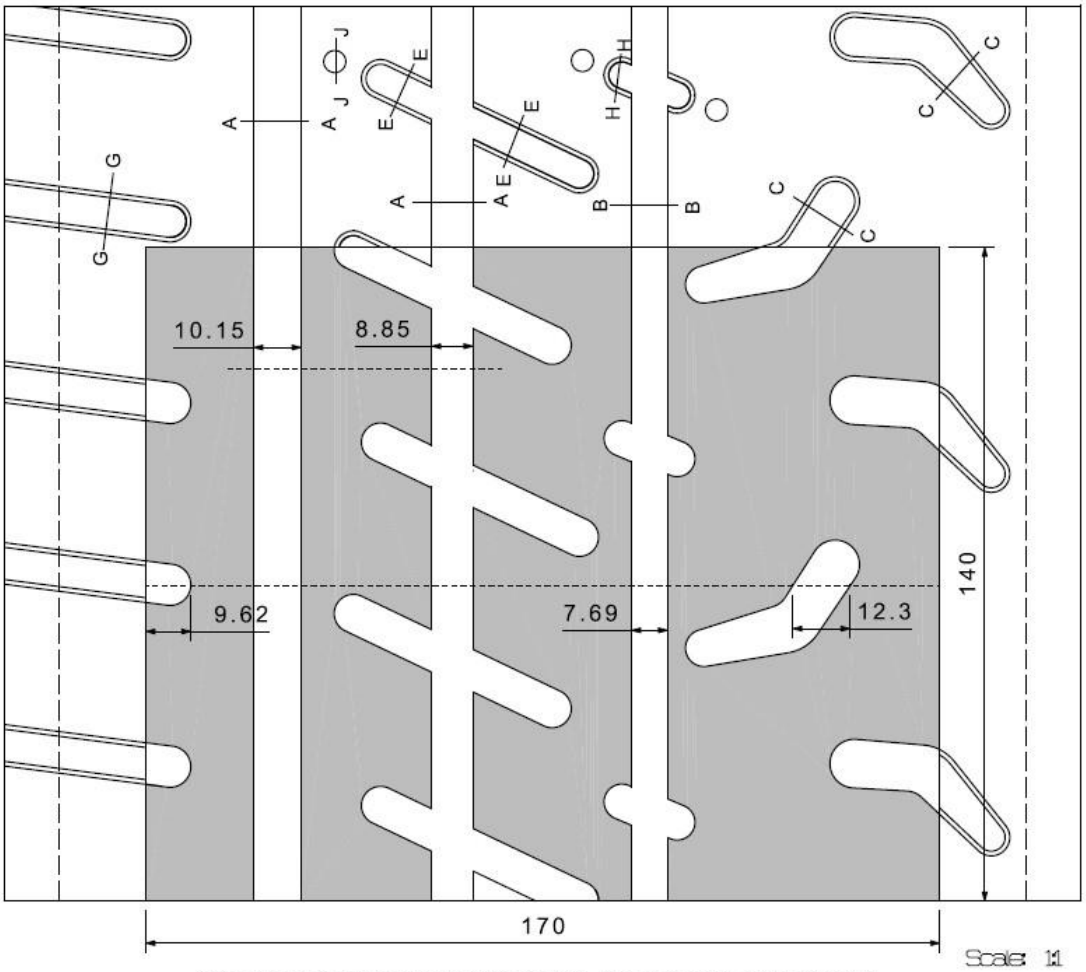


18"-210/645R18

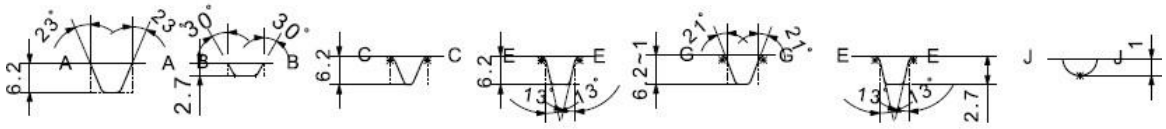
KUMHO TYRES

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%



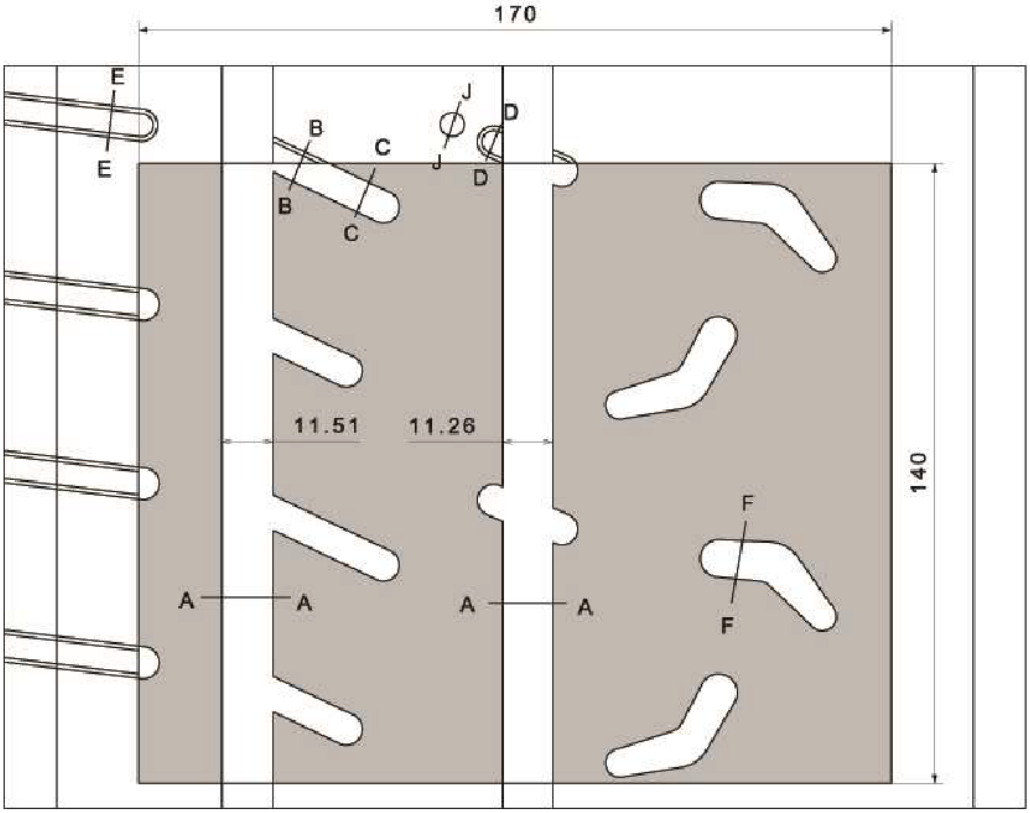
Sec. A-A Sec. B-B Sec. C-C Sec. E-E Sec. G-G Sec. H-H Sec. J-J

18"-210/645R18

KUMHO TYRES

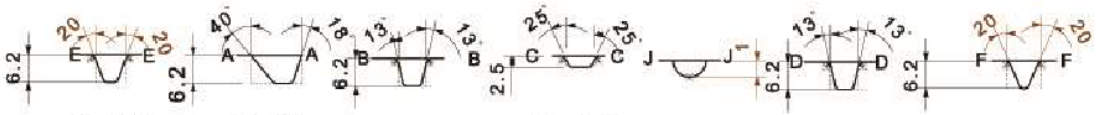
Moulded tyre for FIA homologation
Size : 210/645R18
Pattern : TM02

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%

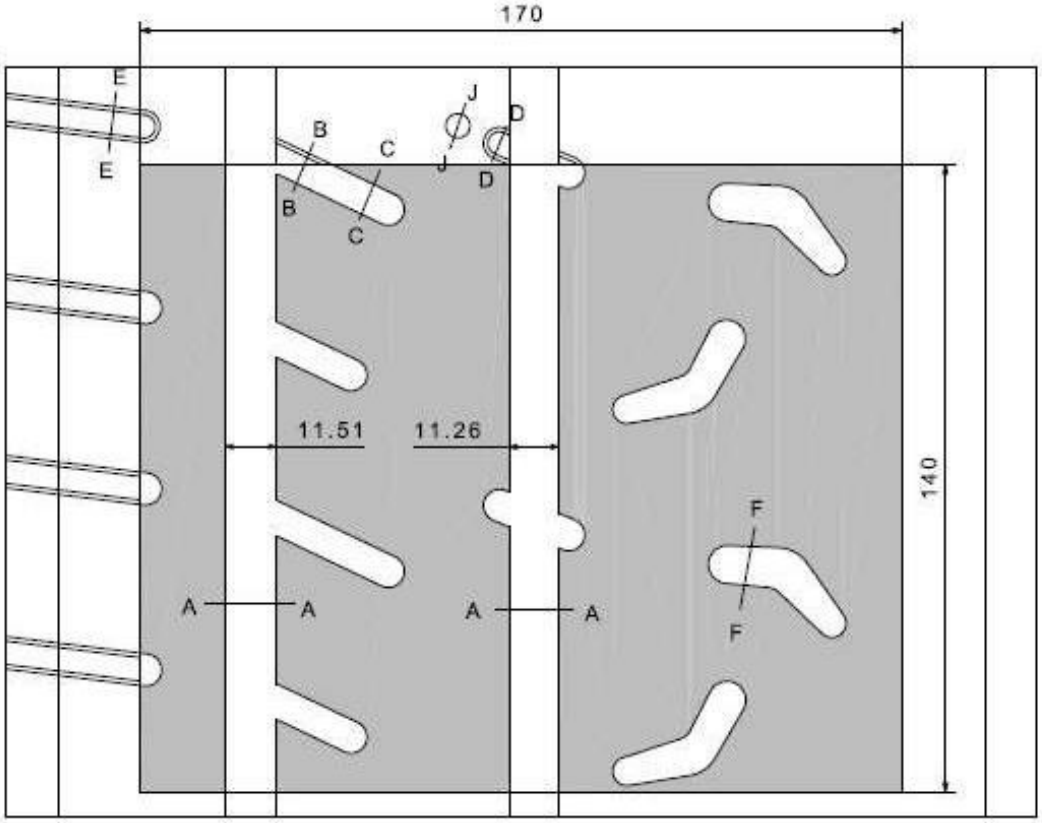


18"-210/645R18

KUMHO TYRES

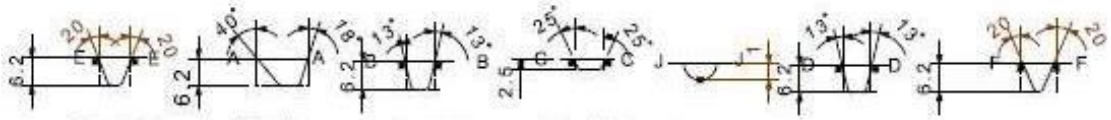
Moulded tyre for FIA homologation
Size : 210/645R18
Pattern : TM02

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: 1:2

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%



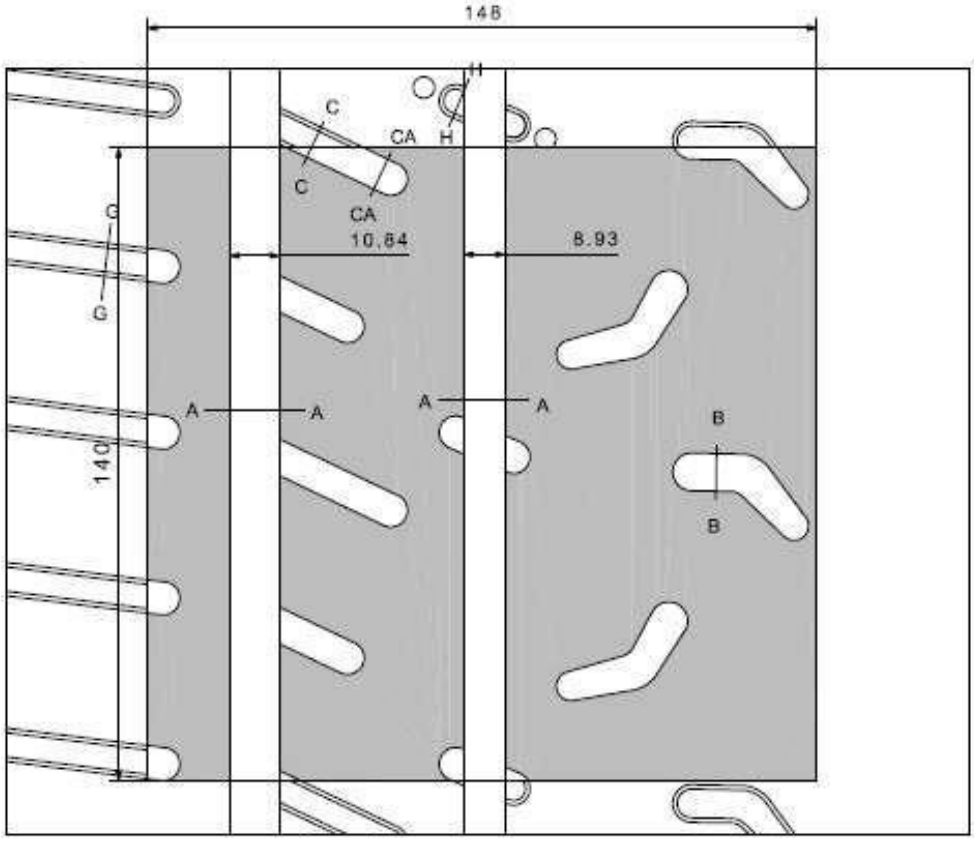
Sec. E-E Sec. A-A Sec. B-B Sec. C-C Sec. J-J Sec. D-D Sec. F-F

17"-190/630R17

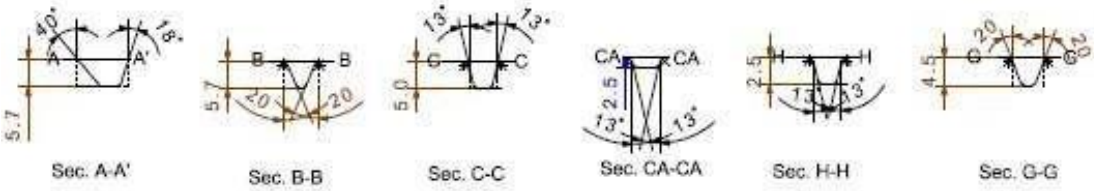
KUMHO TYRES

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%

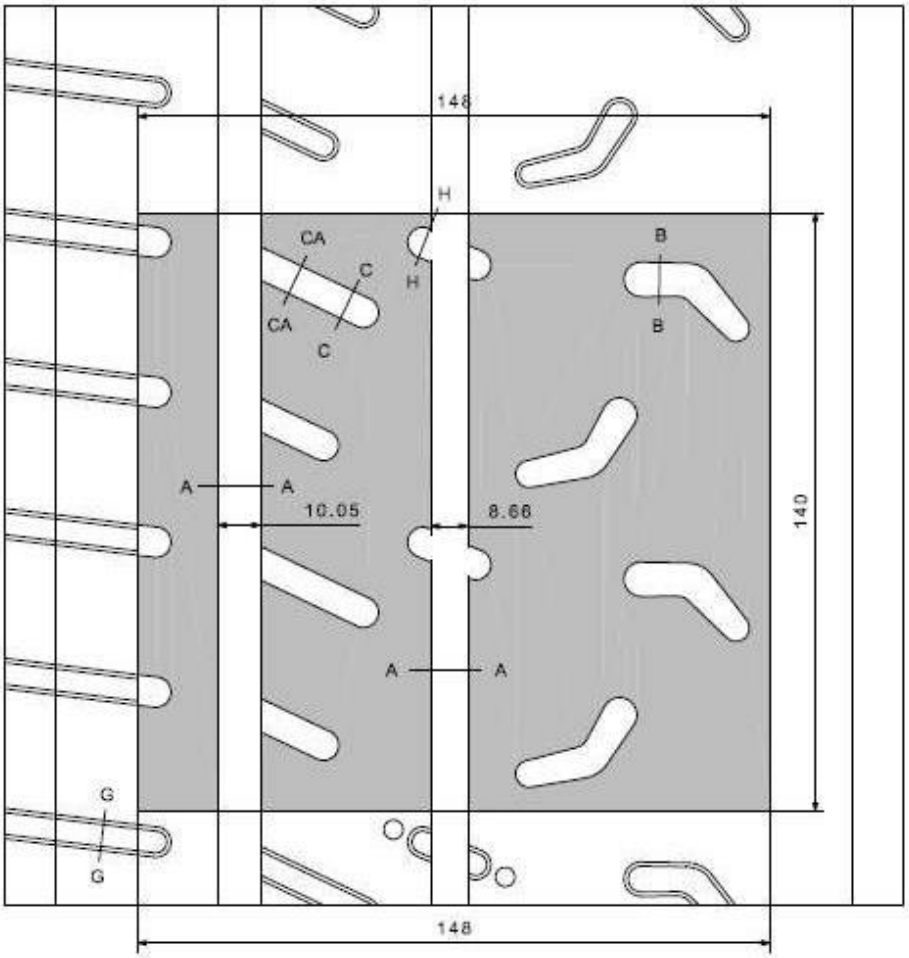


16"-190/600R16

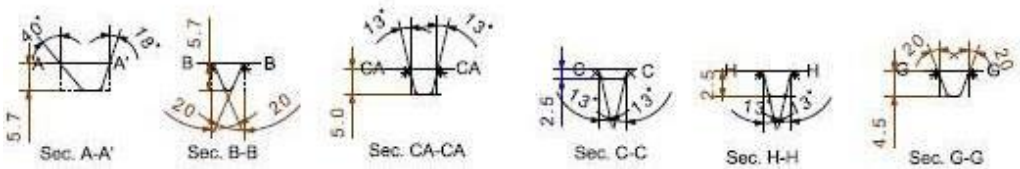
KUMHO TYRES

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%

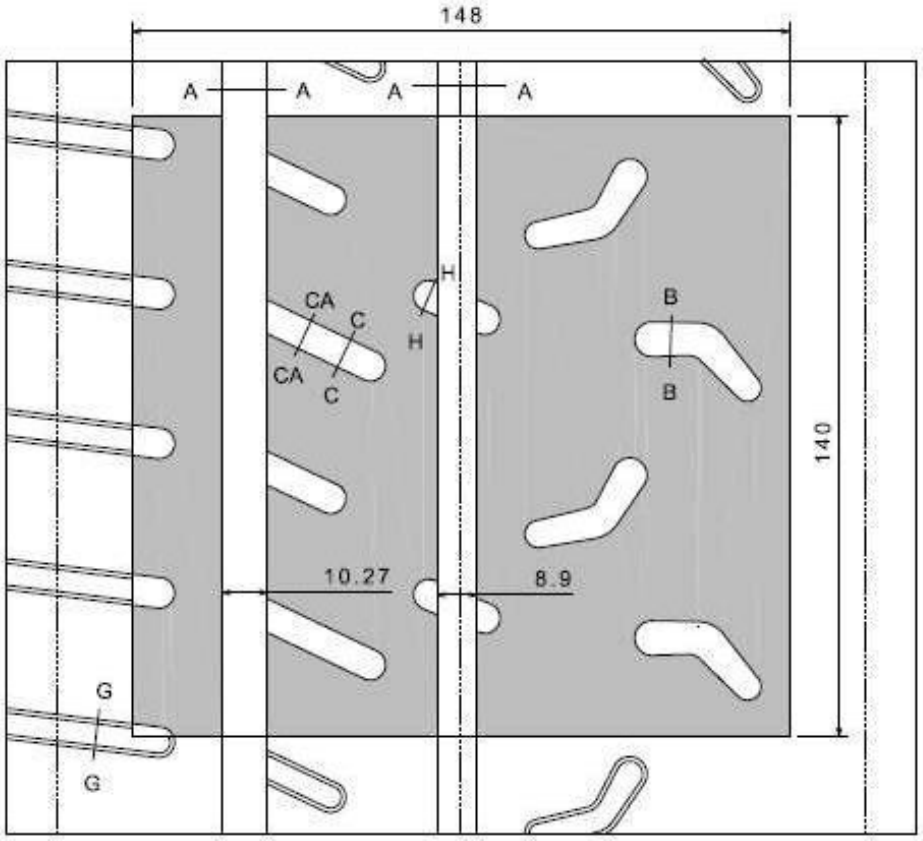


15"-180/580R15

KUMHO TYRES

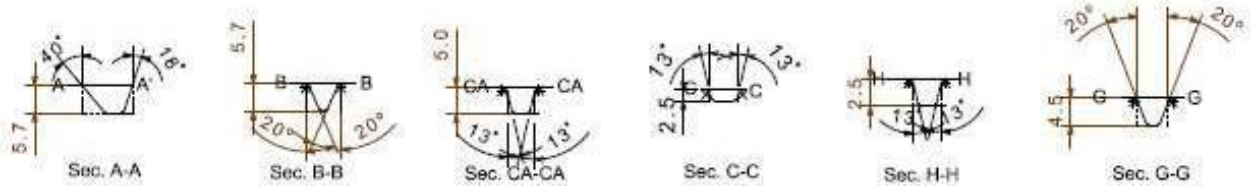
Moulded tyre for FIA homologation
Size : 180/580 R15
Pattern : TM02

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%



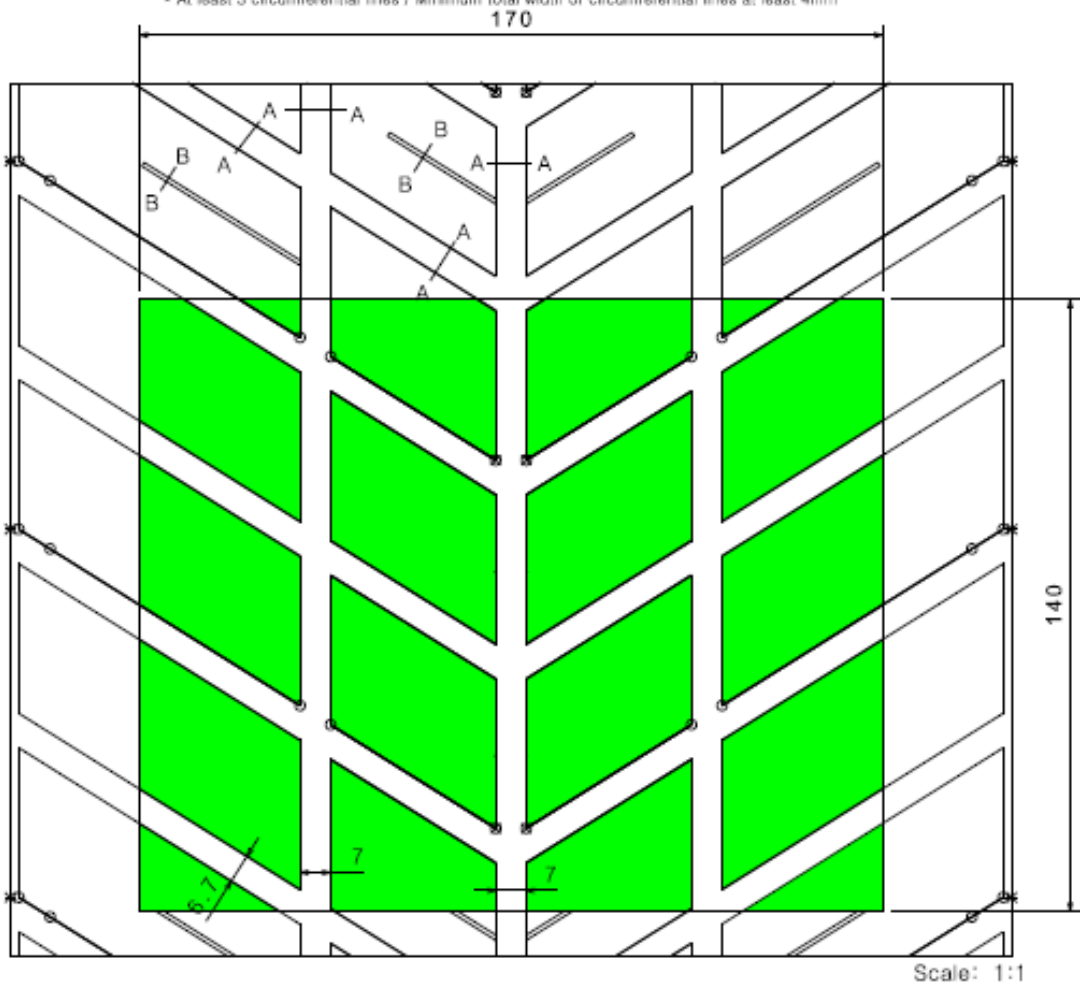
18"-210/645R18

KUMHO TYRES

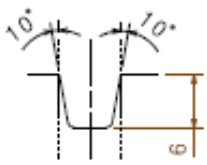
Moulded tyre for FIA homologation

Size : 210/645R18
Pattern : TW03

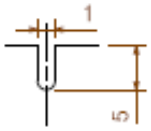
On the basis of a tread pattern width of 170mm and circumference of 140mm
- The surface taken up by grooves at least 5.5mm deep must occupy at least 27.5% of the total surface.
- The sum of the width of the grooves encountered by a radial line must be at least 16mm
- At least 3 circumferential lines / Minimum total width of circumferential lines at least 4mm



Groove Area by 170 x 140 at least 5.5mm deep : 6789.4mm^2
Void % : 28.5%

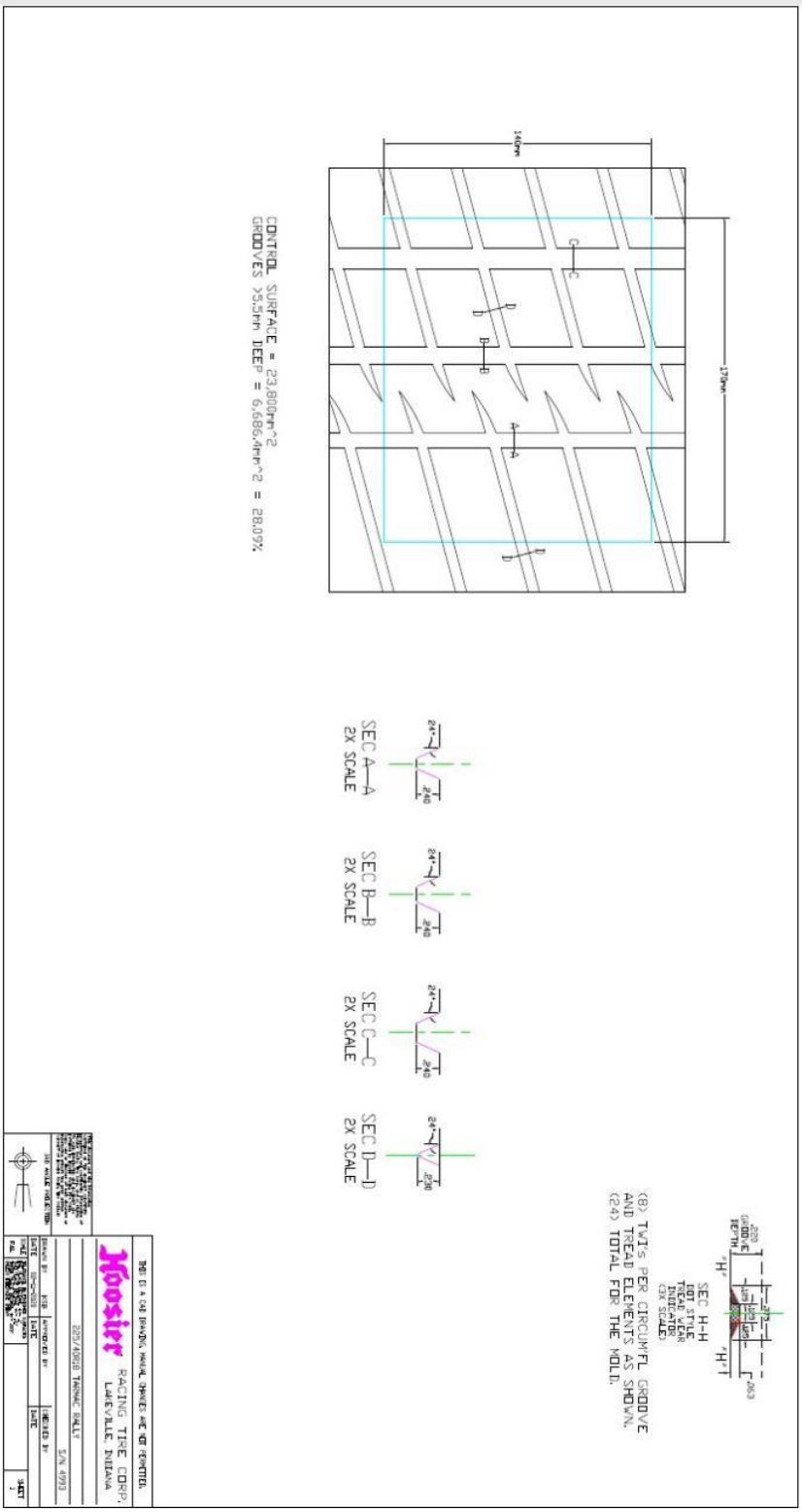


SEC.A–A

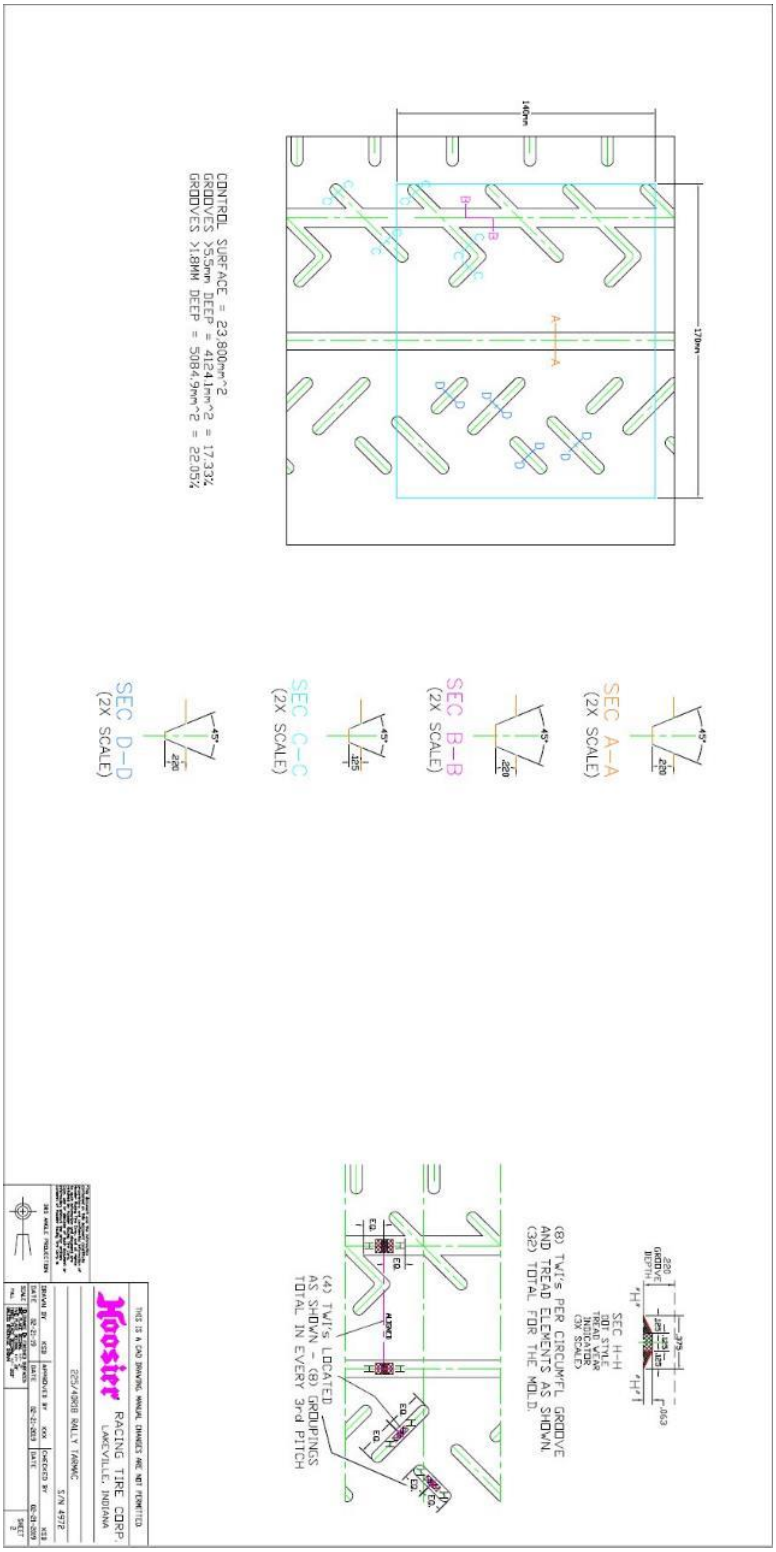


SEC.B–B

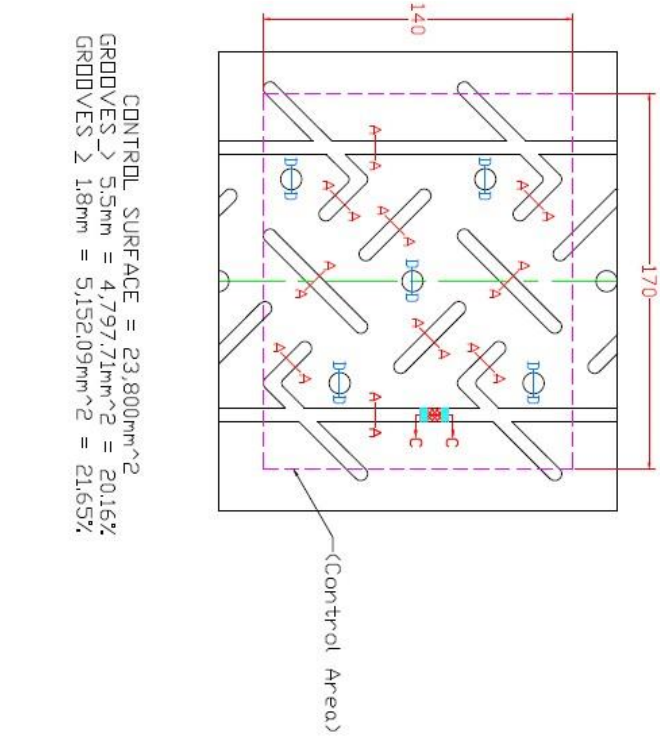
18"-225/40R18


170mm
140mm
CONTROL SURFACE = 23,800mm^2
GROOVES >5.5mm DEEP = 6,686.4mm^2 = 28.09%
SEC A—A
2X SCALE
SEC B—B
2X SCALE
SEC C—C
2X SCALE
SEC D—D
2X SCALE
SEC H-H
DOT STYLE
TREAD WEAR
INDICATOR
(3X SCALE)
(8) TWIS PER CIRCUMFL GROOVE
AND TREAD ELEMENTS AS SHOWN.
(24) TOTAL FOR THE MOLD.
Hoosier RACING TIRE CORP.
LAFAYETTE INDIANA
225/40R18 TARMAC RALLY
SIZE
DRAWN BY
DATE
APPROVED BY
DATE
CHECKED BY
DATE
SHEET

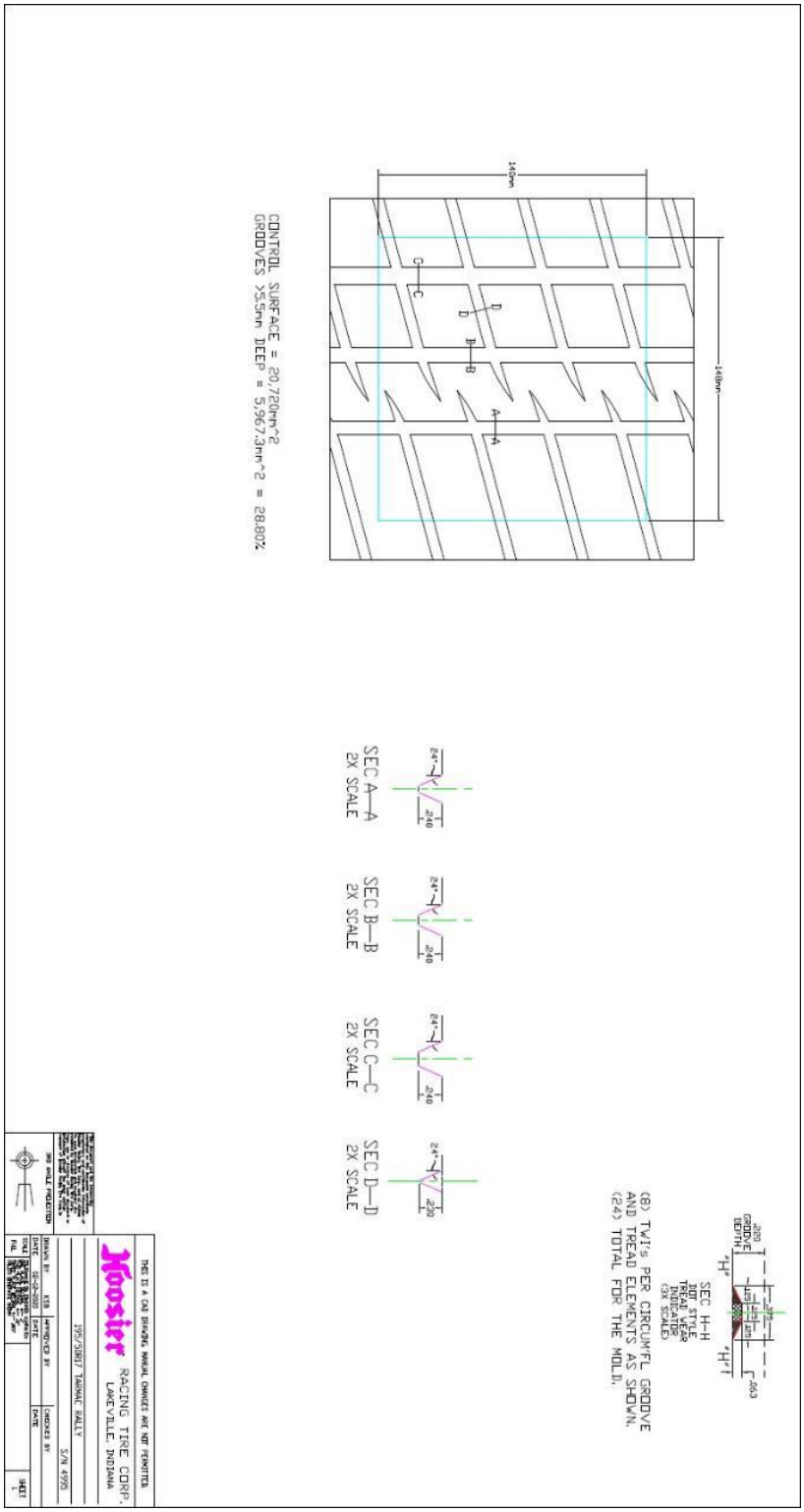
18"-225/40R18


170mm
140mm
CONTROL SURFACE = 23,800mm^2
GROOVES >5.5mm DEEP = 4124.1mm^2 = 17.33%
GROOVES >18MM DEEP = 5084.9mm^2 = 22.05%
SEC A-A
(2X SCALE)
SEC B-B
(2X SCALE)
SEC C-C
(2X SCALE)
SEC D-D
(2X SCALE)
SEC H-H
TIRE STYLE
TREAD WEAR
TRIANGULAR
(2X SCALE)
(8) TWI's PER CIRCUMFL GROOVE
AND TREAD ELEMENTS AS SHOWN.
(32) TOTAL FOR THE MOLD.
(4) TWI's LOCATED
AS SHOWN - (8) GROUPINGS
TOTAL IN EVERY 3rd PITCH
THIS IS A CAD DRAWING. MANUAL CHANGES ARE NOT PERMITTED
Hoosier RACING TIRE CORP.
LAFAYETTE, INDIANA
225/40R18 RALLY TARMAC
S/N 4572
DRAWN BY
APPROVED BY
CHECKED BY
SHEET 2

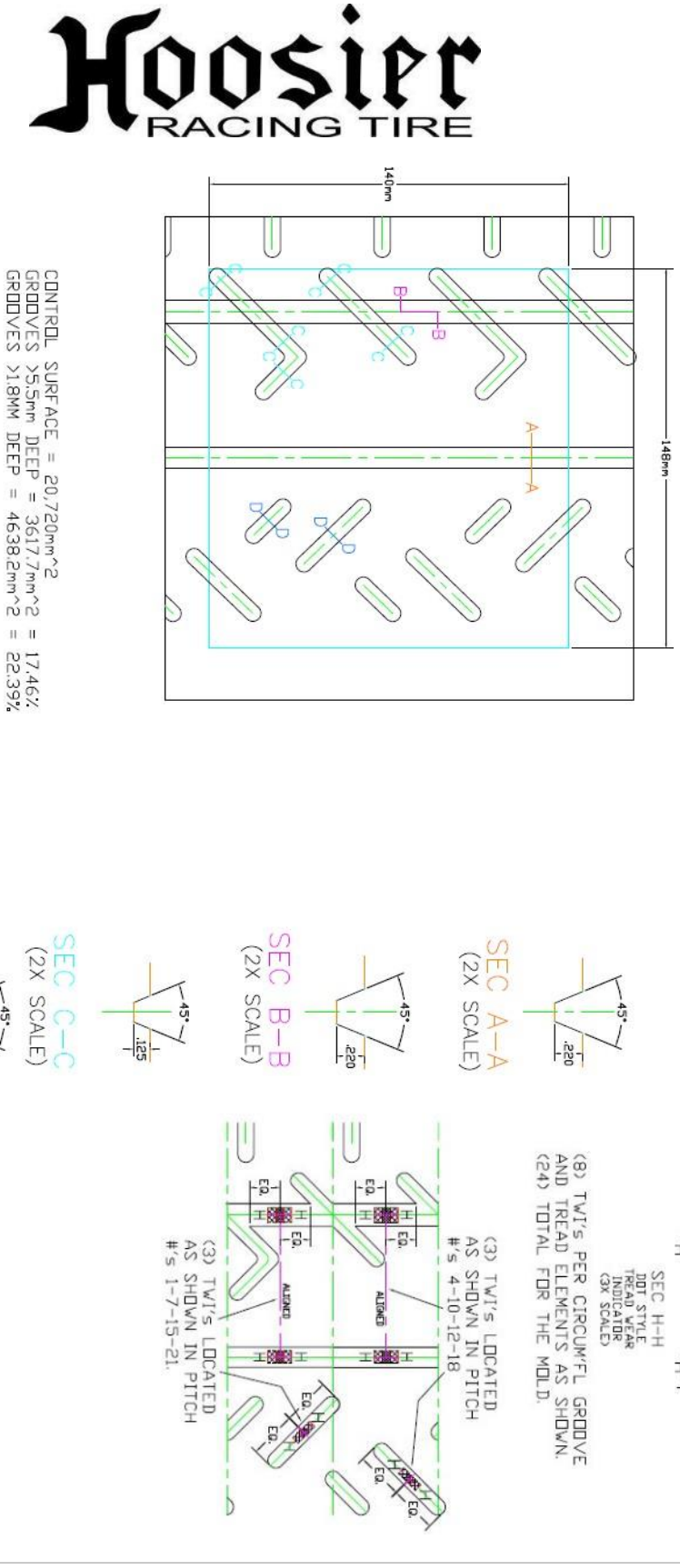
18"-200/650R18



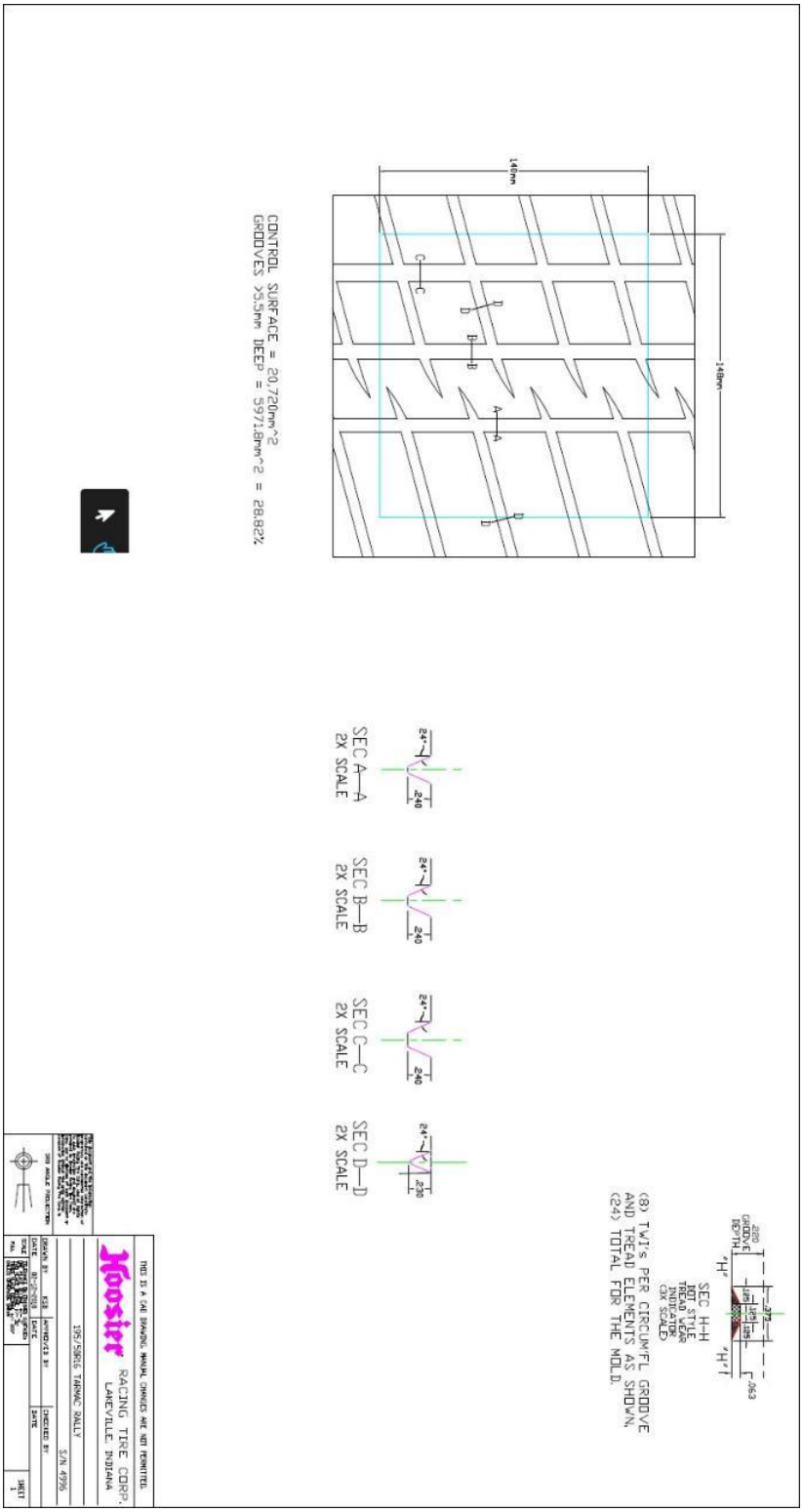
17"-195/50R17


140mm
140mm
CONTROL SURFACE = 20,720mm^2
GROOVES >5.5mm DEEP = 5,967.3mm^2 = 28.80%
SEC A—A
2X SCALE
SEC B—B
2X SCALE
SEC C—C
2X SCALE
SEC D—D
2X SCALE
SEC H-H
TREAD TYPE
INDICATOR
(3X SCALE)
(8) TWIS PER CIRCUM'FL GROOVE
AND TREAD ELEMENTS AS SHOWN.
(24) TOTAL FOR THE MOLD.
THIS IS A CAD DRAWING. MANUAL CHANGES ARE NOT PERMITTED
Hoosier
RACING TIRE CORP.
LAKEVILLE, INDIANA
195/50R17 TARMAC RALLY
S/W 4999
DRAWN BY
CHECKED BY
DATE
SHEET

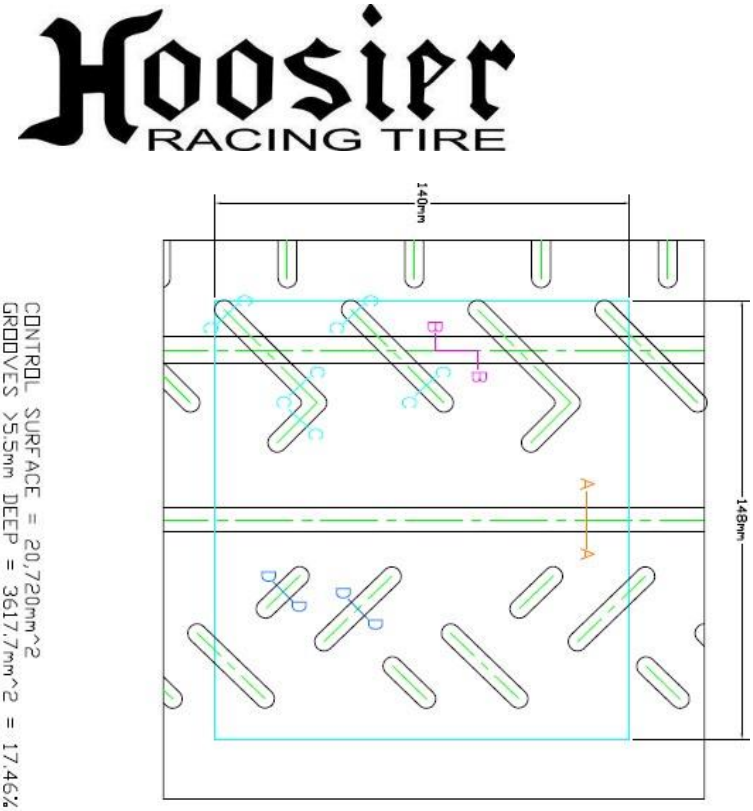
17"-195/50R17


Hoosier
RACING TIRE
148mm
140mm
CONTROL SURFACE = 20,720mm^2
GROOVES >5.5mm DEEP = 3617.7mm^2 = 17.46%
GROOVES >1.8MM DEEP = 4638.2mm^2 = 22.39%
SEC H-H
DOT STYLE
TREAD WEAR
INDICATOR
(3X SCALE)
(8) TWI's PER CIRCUM'FL GROOVE
AND TREAD ELEMENTS AS SHOWN.
(24) TOTAL FOR THE MOLD.
(3) TWI's LOCATED
AS SHOWN IN PITCH
#'s 4-10-12-18
(3) TWI's LOCATED
AS SHOWN IN PITCH
#'s 1-7-15-21.
SEC A-A
(2X SCALE)
SEC B-B
(2X SCALE)
SEC C-C
(2X SCALE)
SEC D-D
(2X SCALE)
THIS IS A CAD DRAWING. MANUAL CHANGES ARE NOT PERMITTED.
Hoosier RACING TIRE CORP.
LAKEVILLE, INDIANA
195/50R17 TARMAC RALLY
S/N 4927
3RD ANGLE PROJECTION

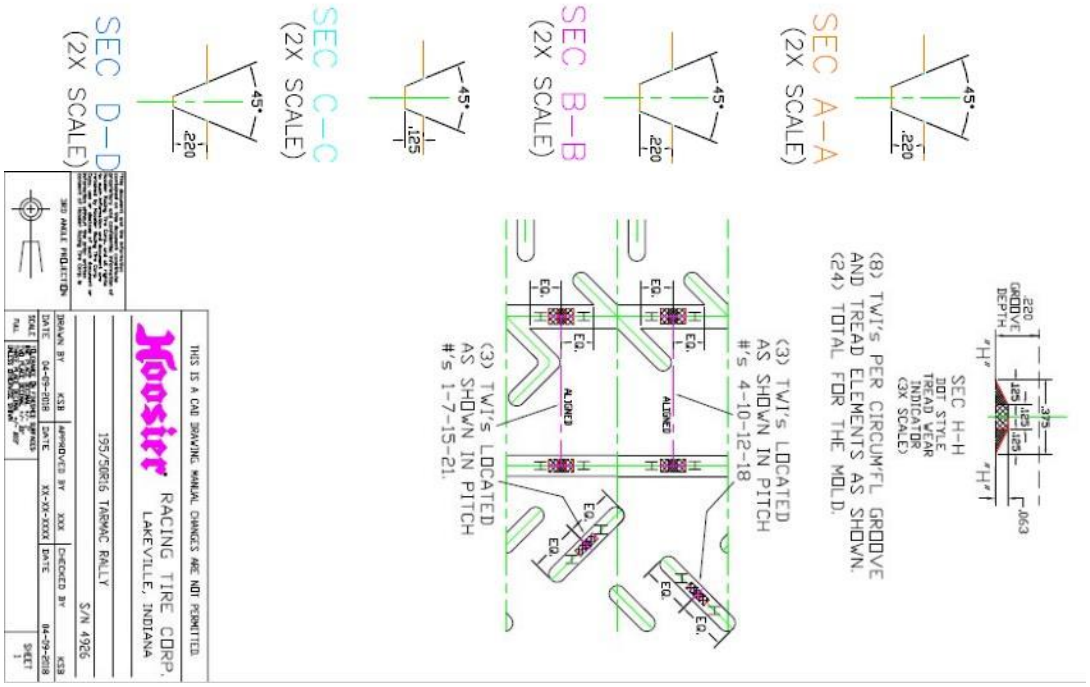
16"-195/50R16


140mm
140mm
CONTROL SURFACE = 20,720mm^2
GROOVES >3.5mm DEEP = 5971.8mm^2 = 28.82%
SEC A—A
2X SCALE
SEC B—B
2X SCALE
SEC C—C
2X SCALE
SEC D—D
2X SCALE
SEC H-H
TREAD WEAR
INDICATOR
(8) TWIS PER CIRCUMFL GROOVE
AND TREAD ELEMENTS AS SHOWN.
(24) TOTAL FOR THE MOLD.
Hoosier RACING TIRE CORP.
LAFAYETTE, INDIANA
195/50R16 TARMAC RALLY
S/N 4996

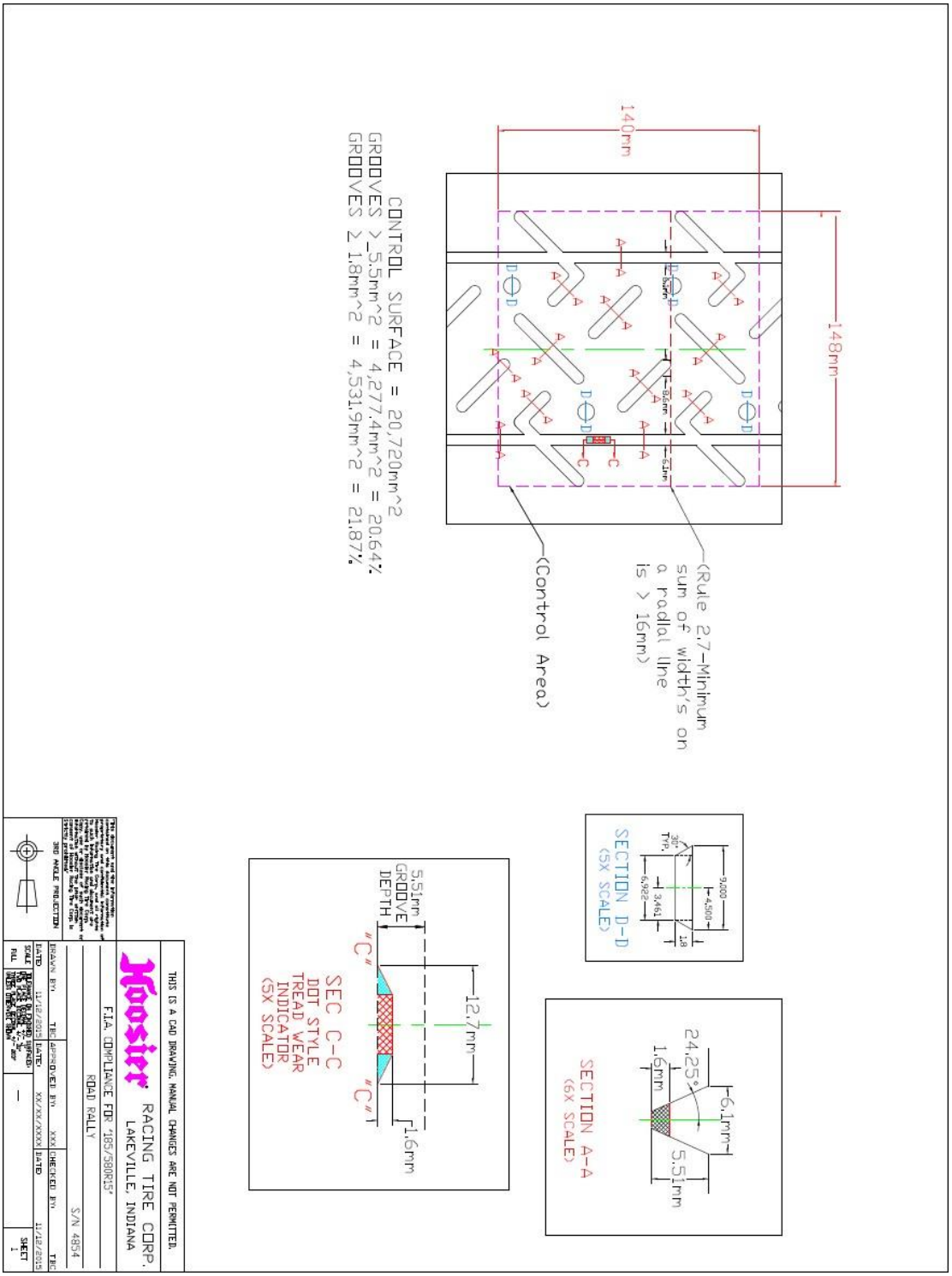
16"-195/50R16



CONTROL SURFACE = 20,720mm^2
GROOVES >5.5mm DEEP = 3617.7mm^2 = 17.46%
GROOVES >1.8MM DEEP = 4638.2mm^2 = 22.39%

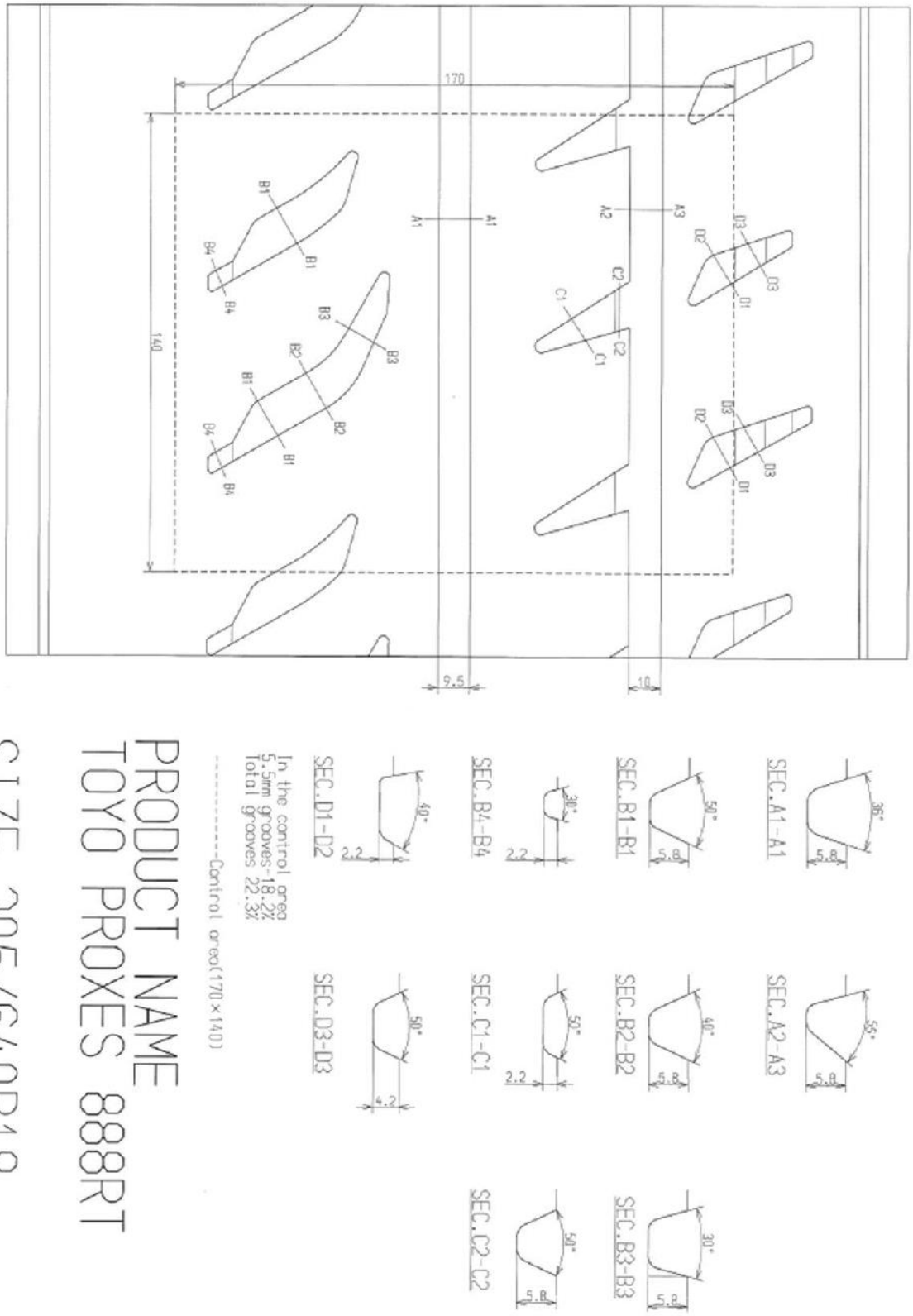


15"-185/580R15



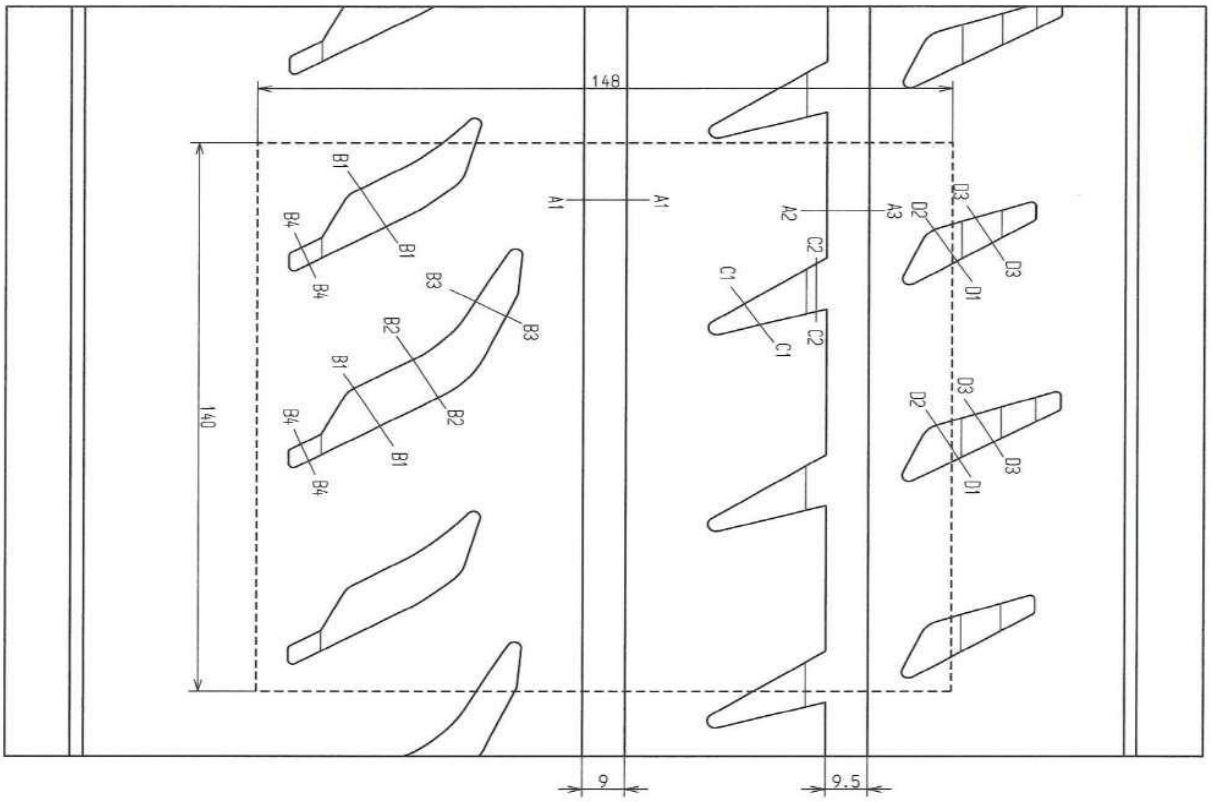
18"-205/640R18

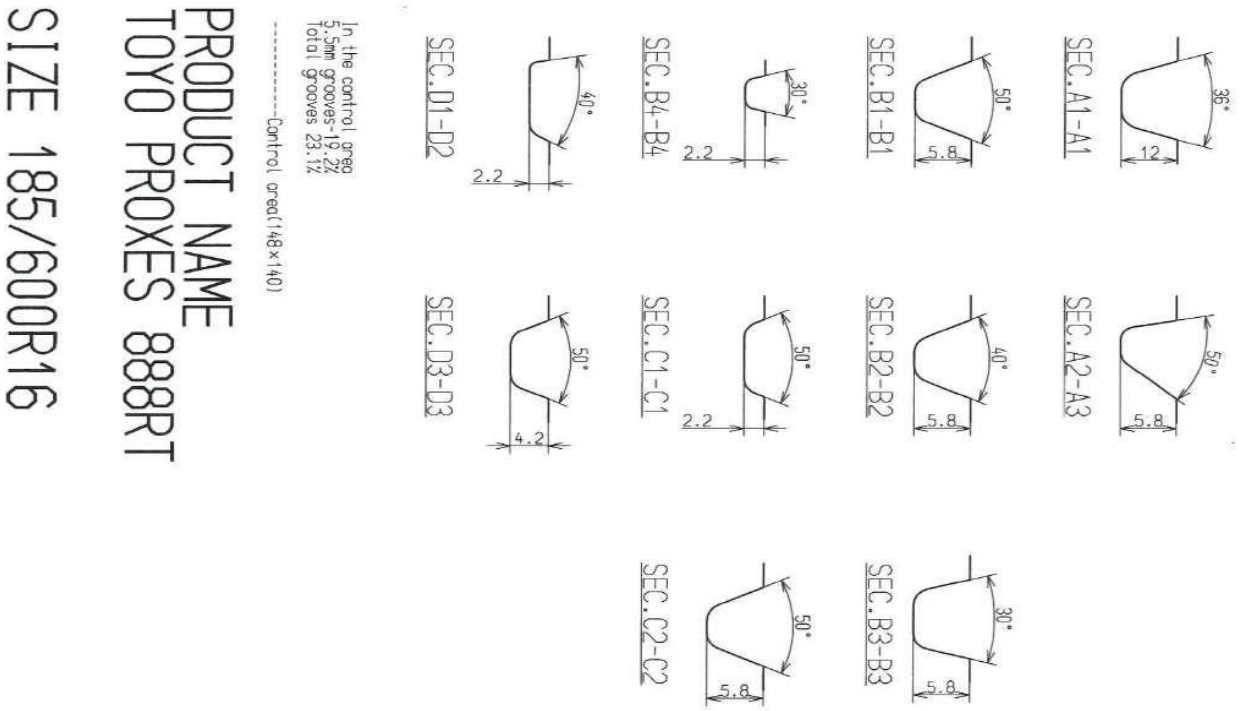
TOYO TIRES



16"-185/600R16

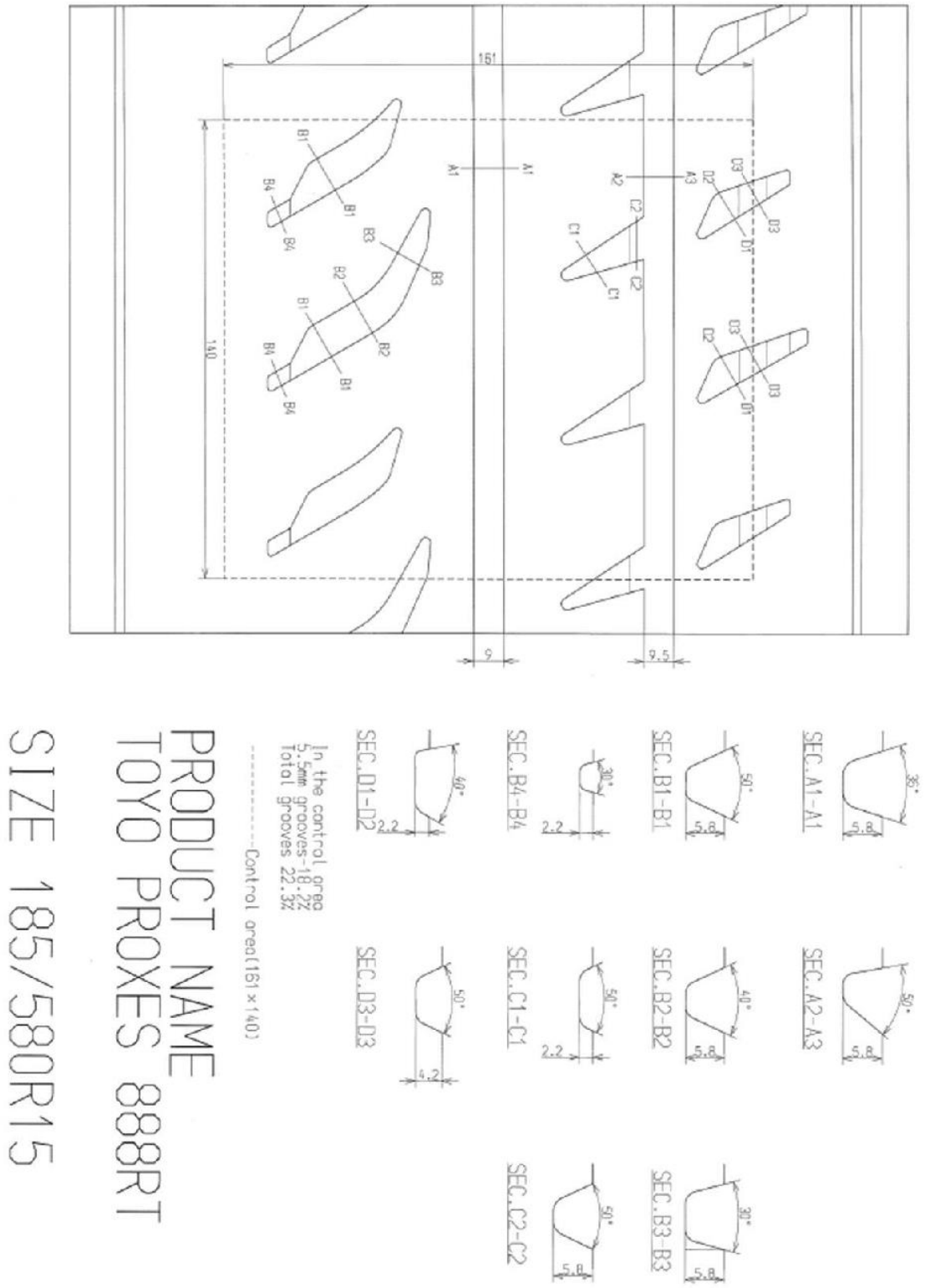
TOYO TIRES





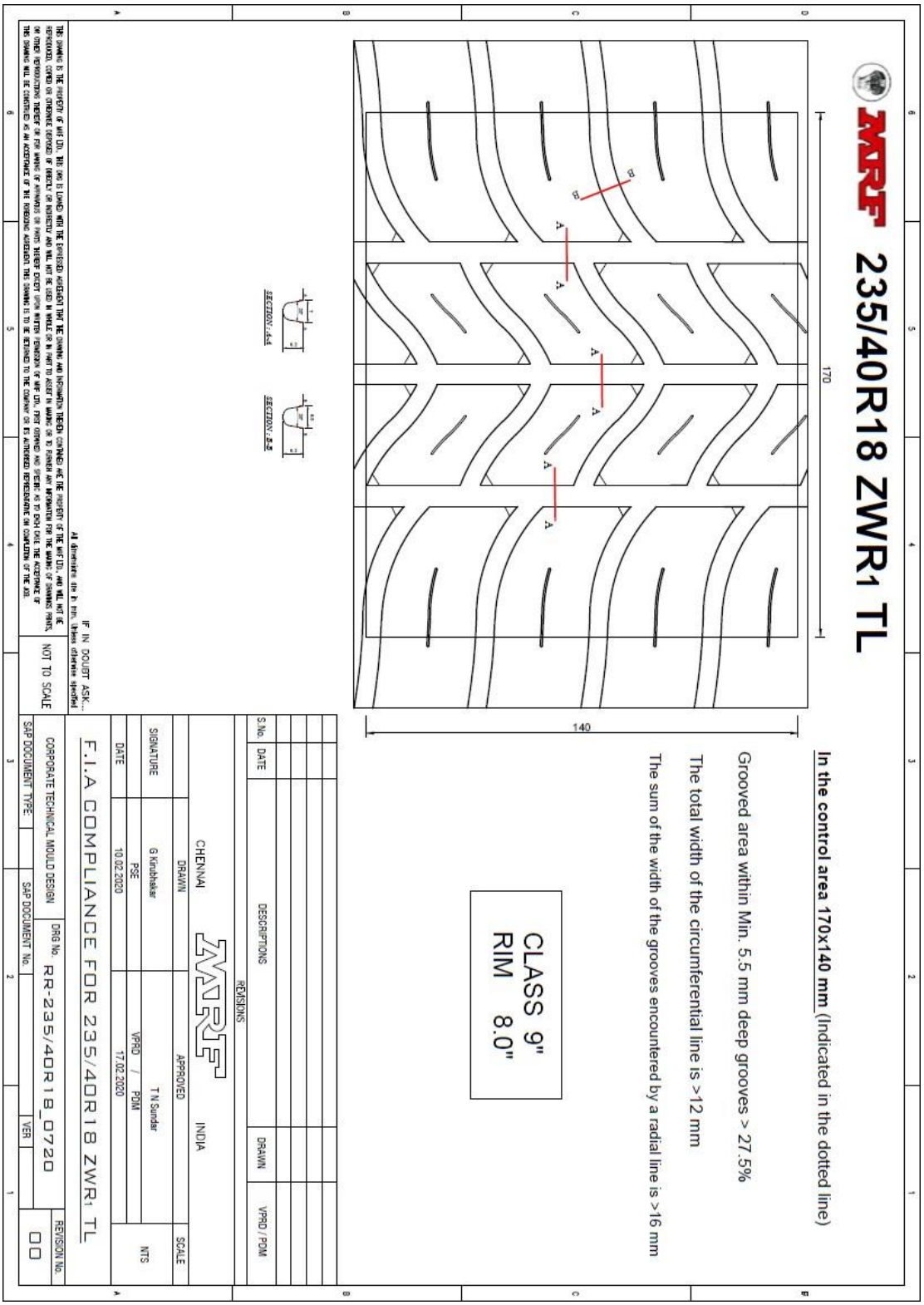
15"-185/580R15

TOYO TIRES



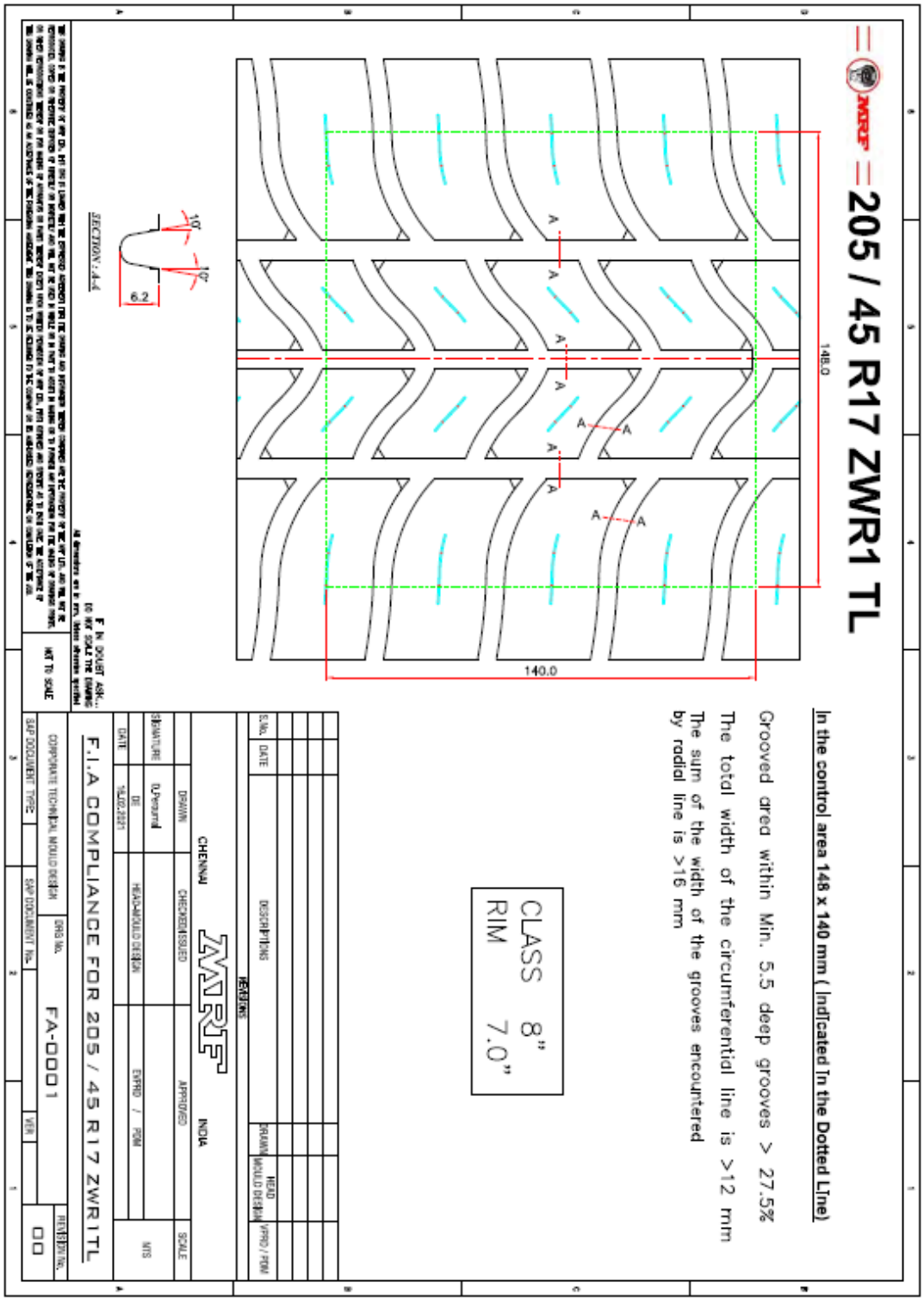
18-235/40R18

MRF TYRES



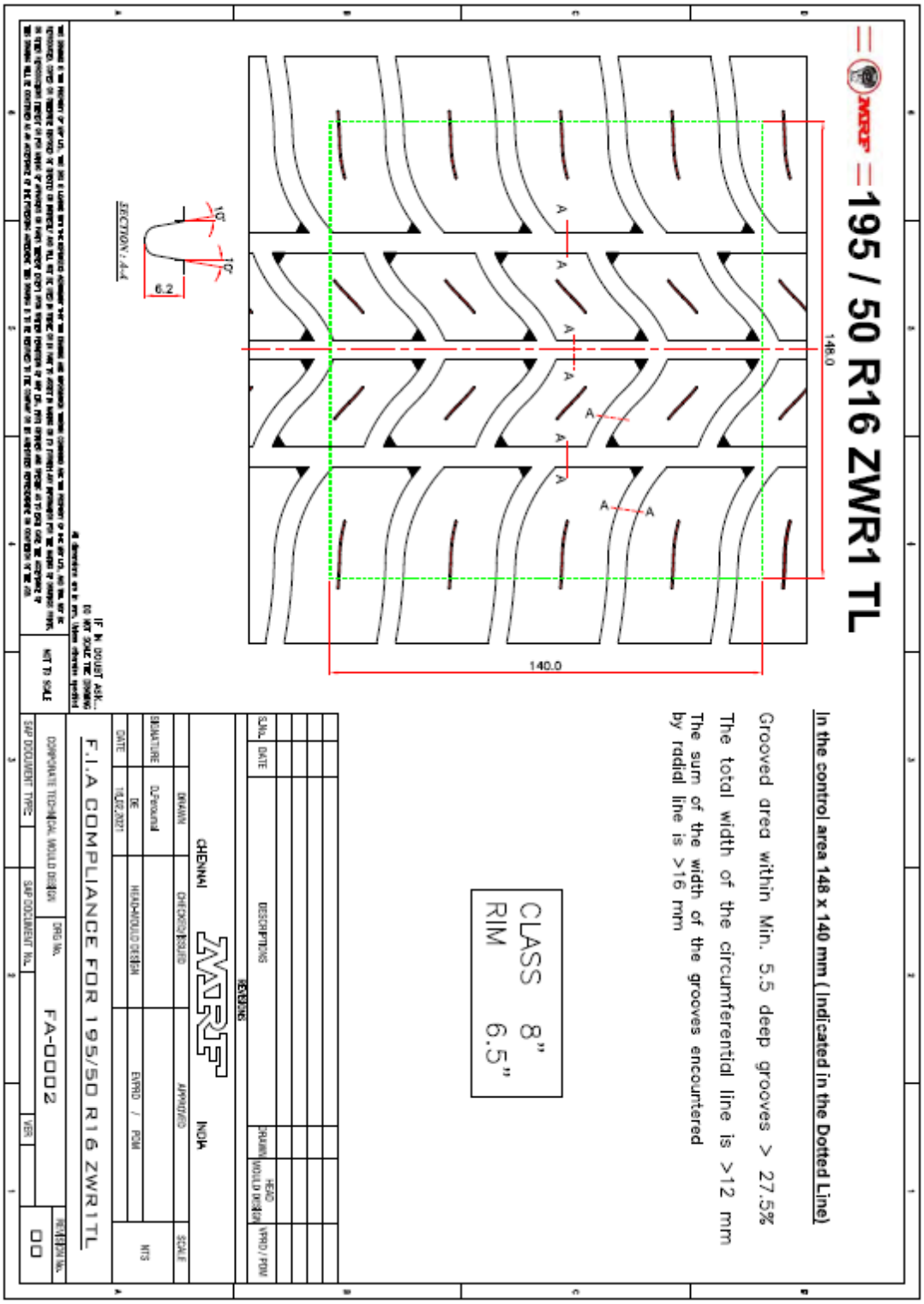
17-205/40R17

MRF TYRES



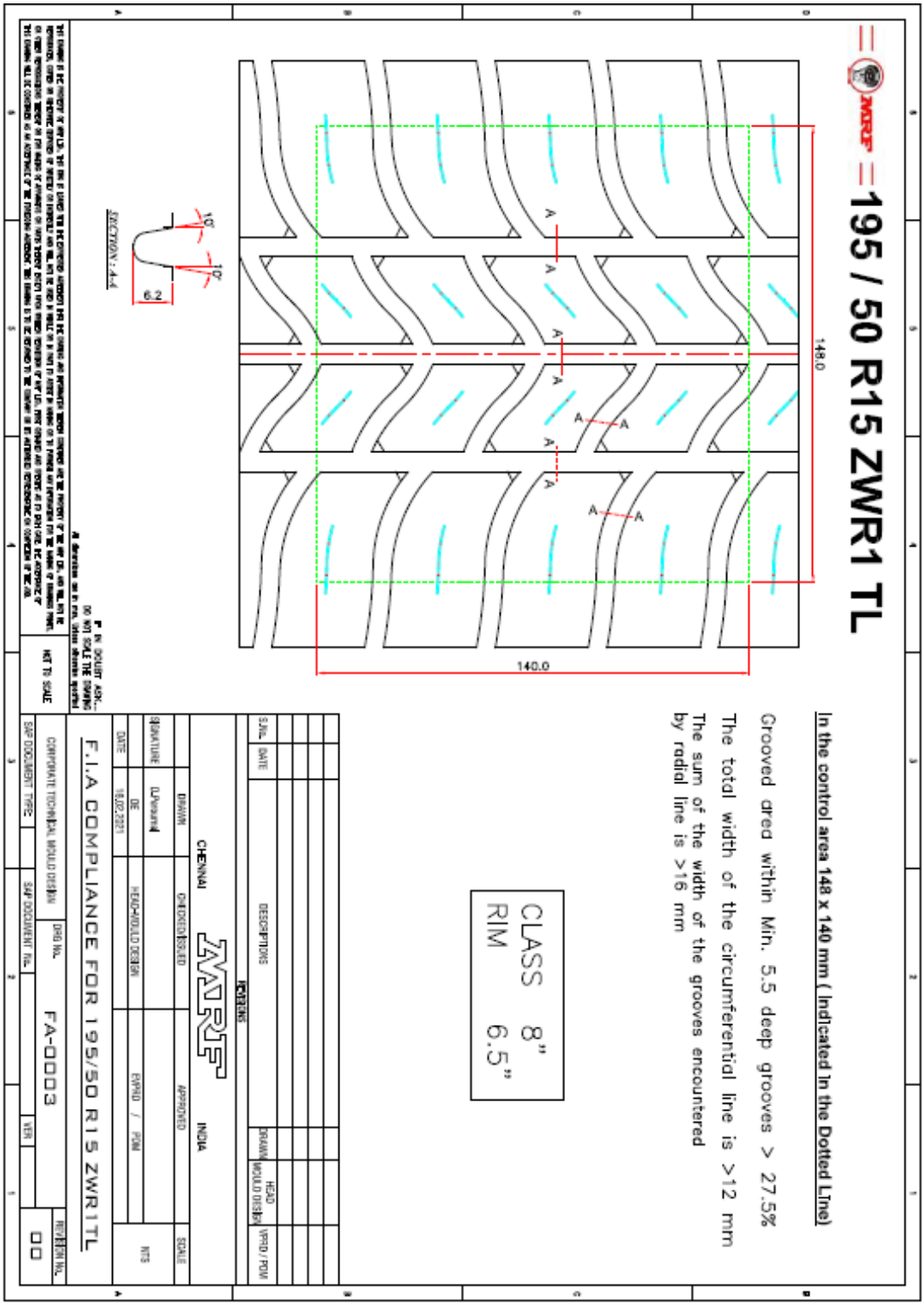
16-195/50R16

MRF TYRES



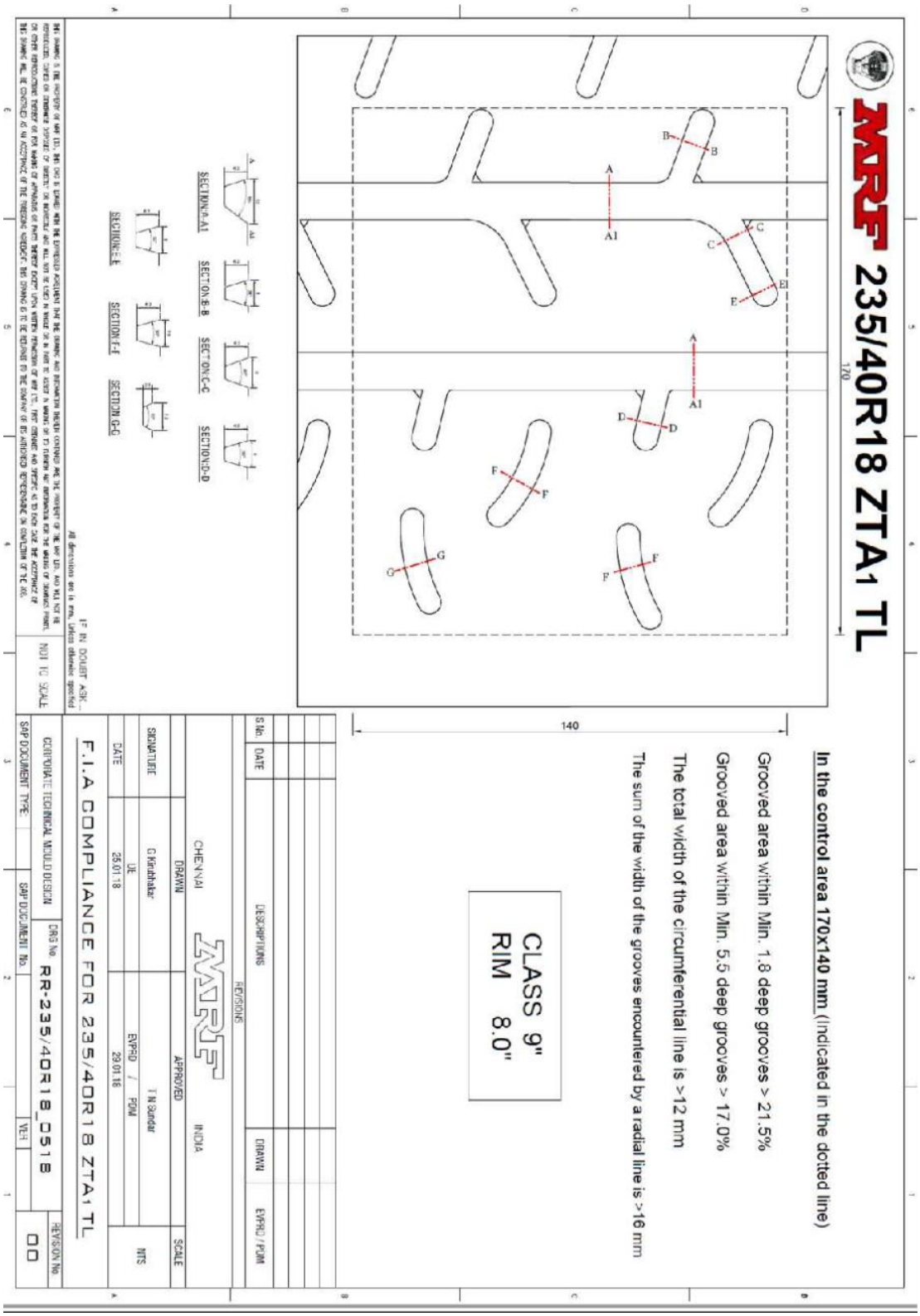
15-195/50R15

MRF TYRES



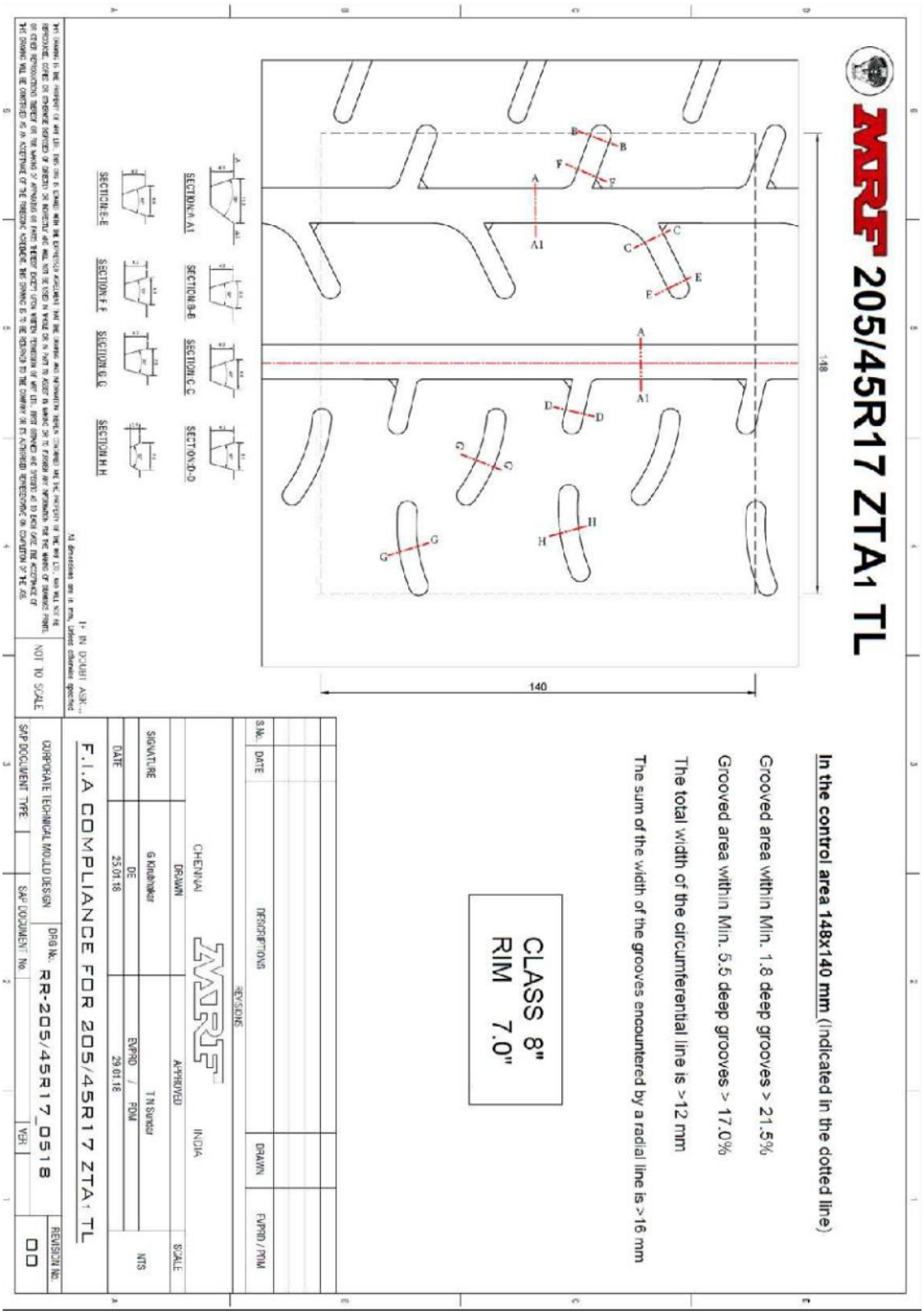
18"-235/40R18

MRF TYRES



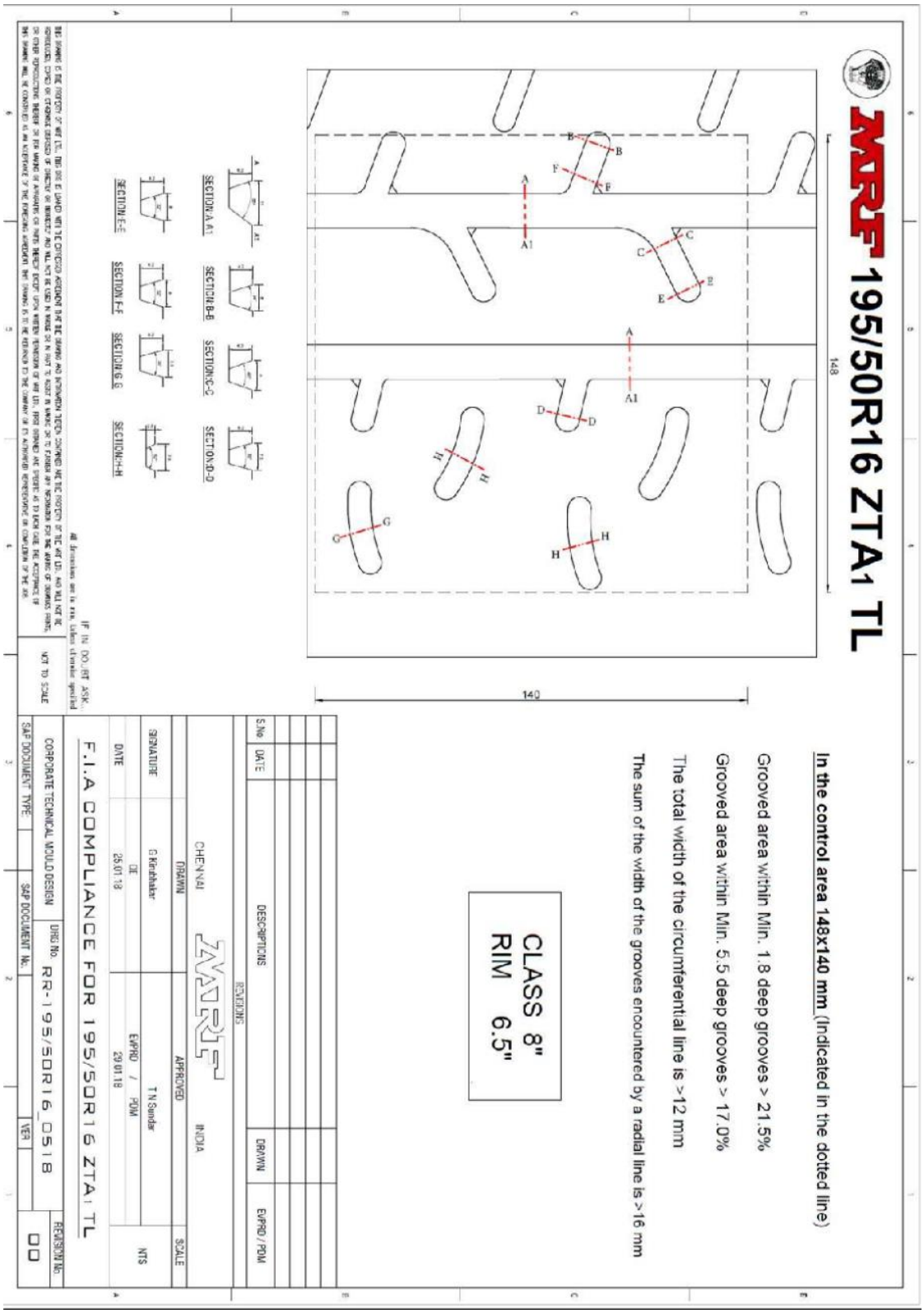
17"-205/45R17

MRF TYRES



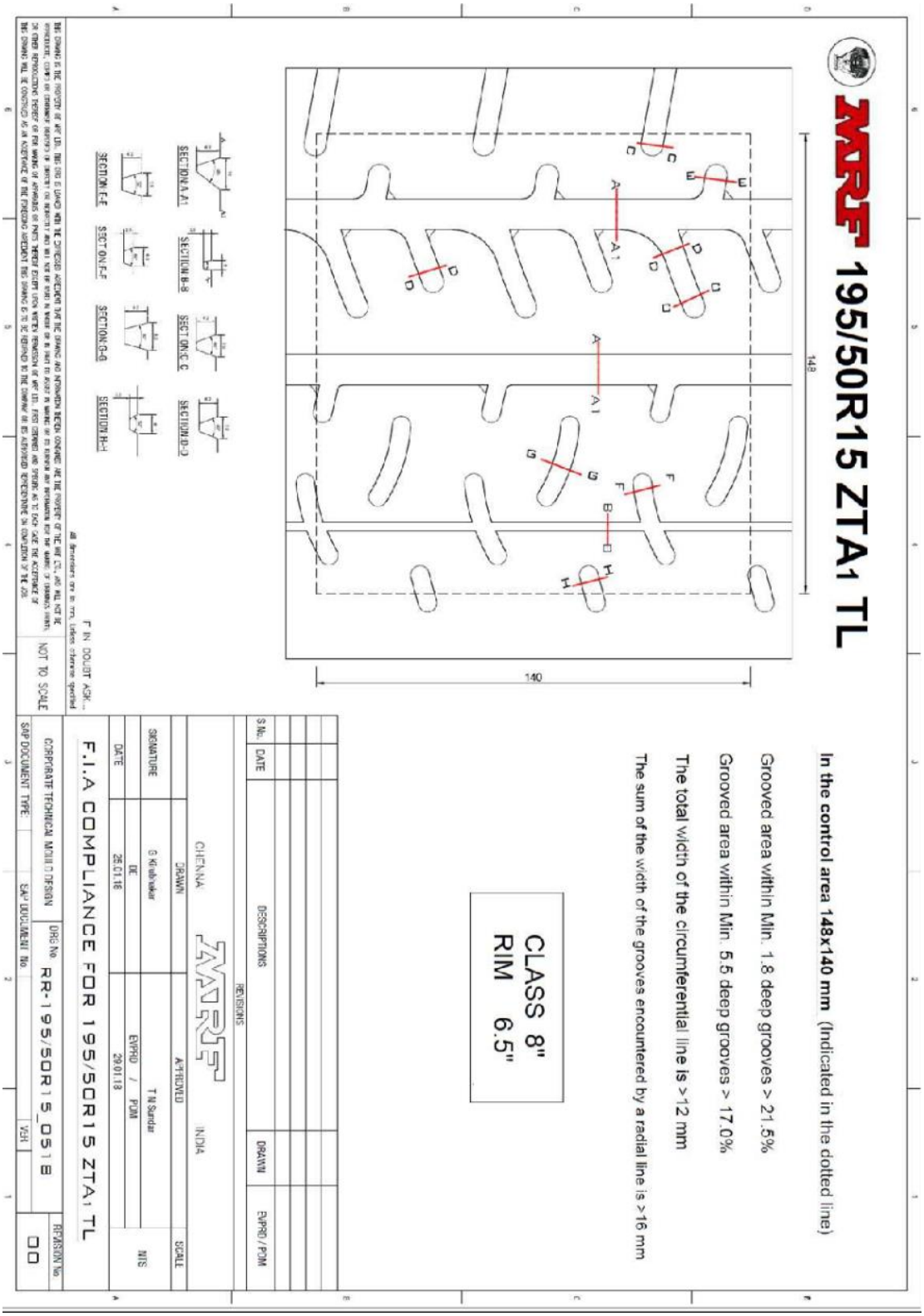
16"-195/50R16

MRF TYRES



15"-195/50R15

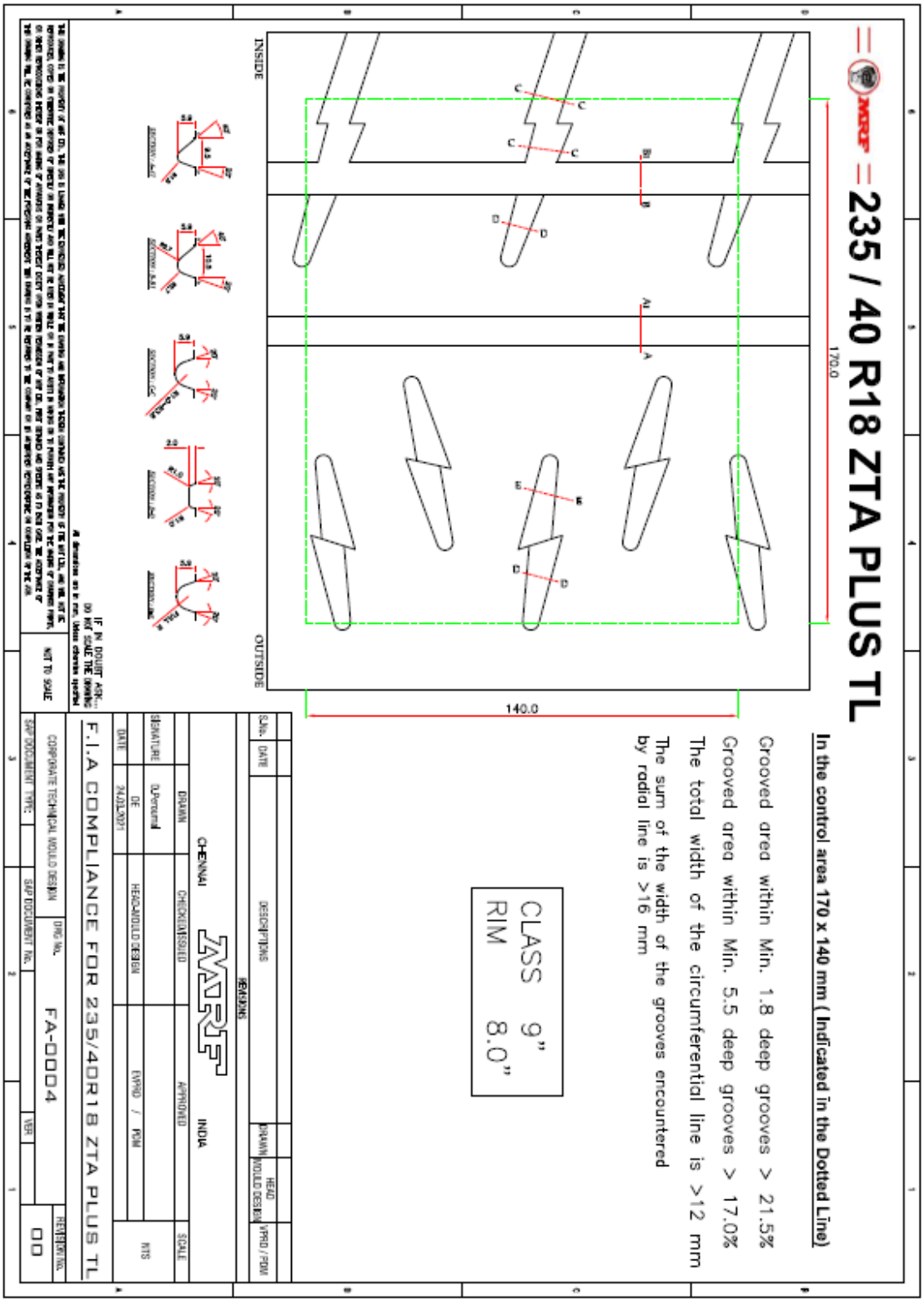
MRF TYRES



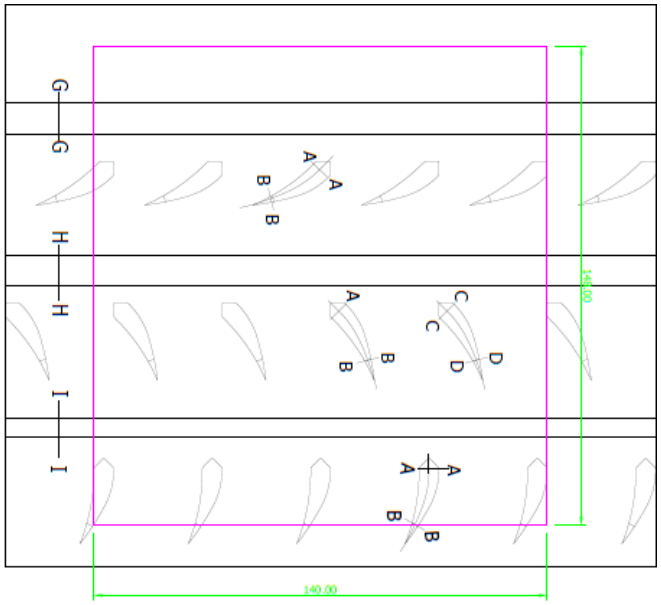
18"-235/40R18

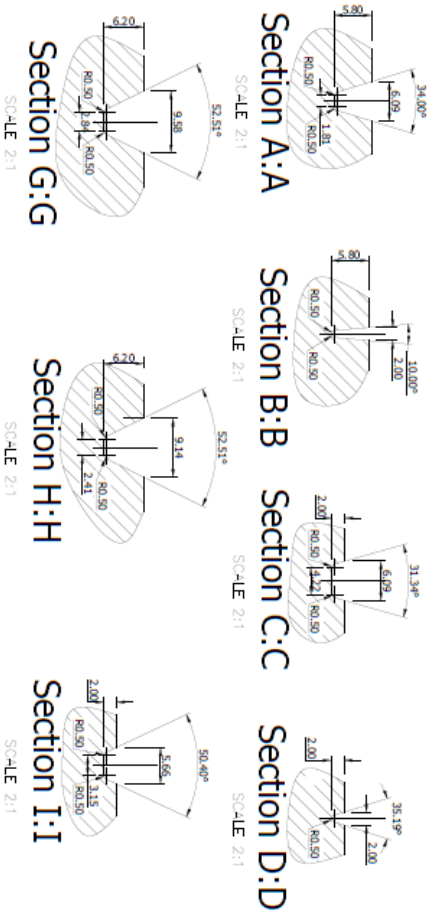
NEW 2021

MRF TYRES



15"-195/50R15

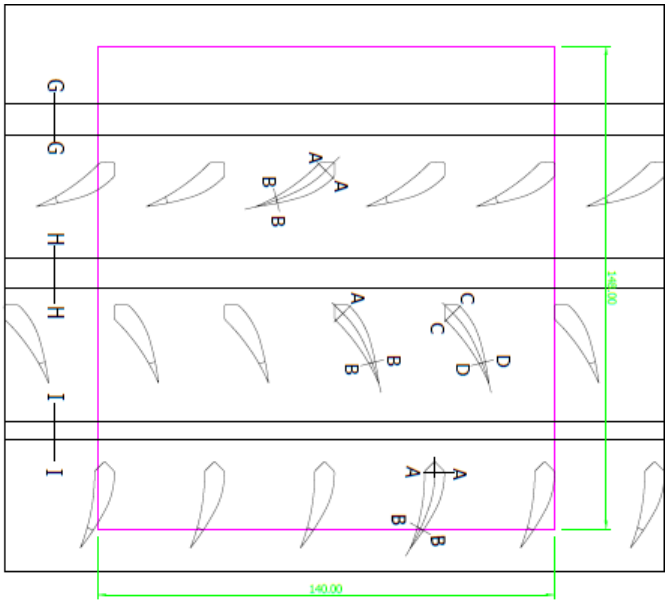


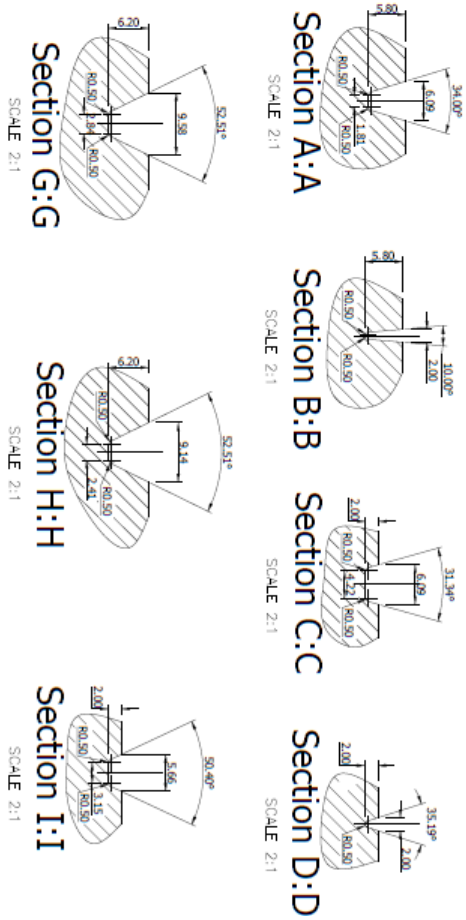


5.5m Groove - 17.74%
Total Grooves - 22.46%

Rim - 7.0"
Class - 8.0"

68"-195/50R68

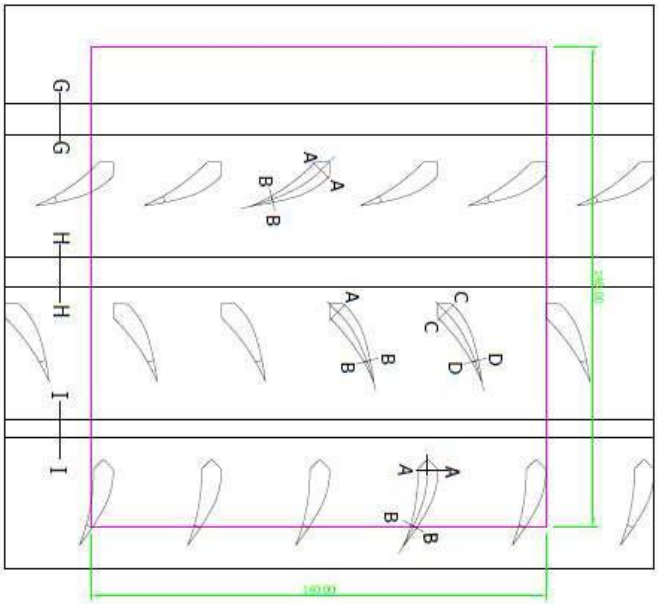




5.5m Groove - 17.62%
Total Grooves - 22.35%

Rim - 7.0"
Class - 8.0"

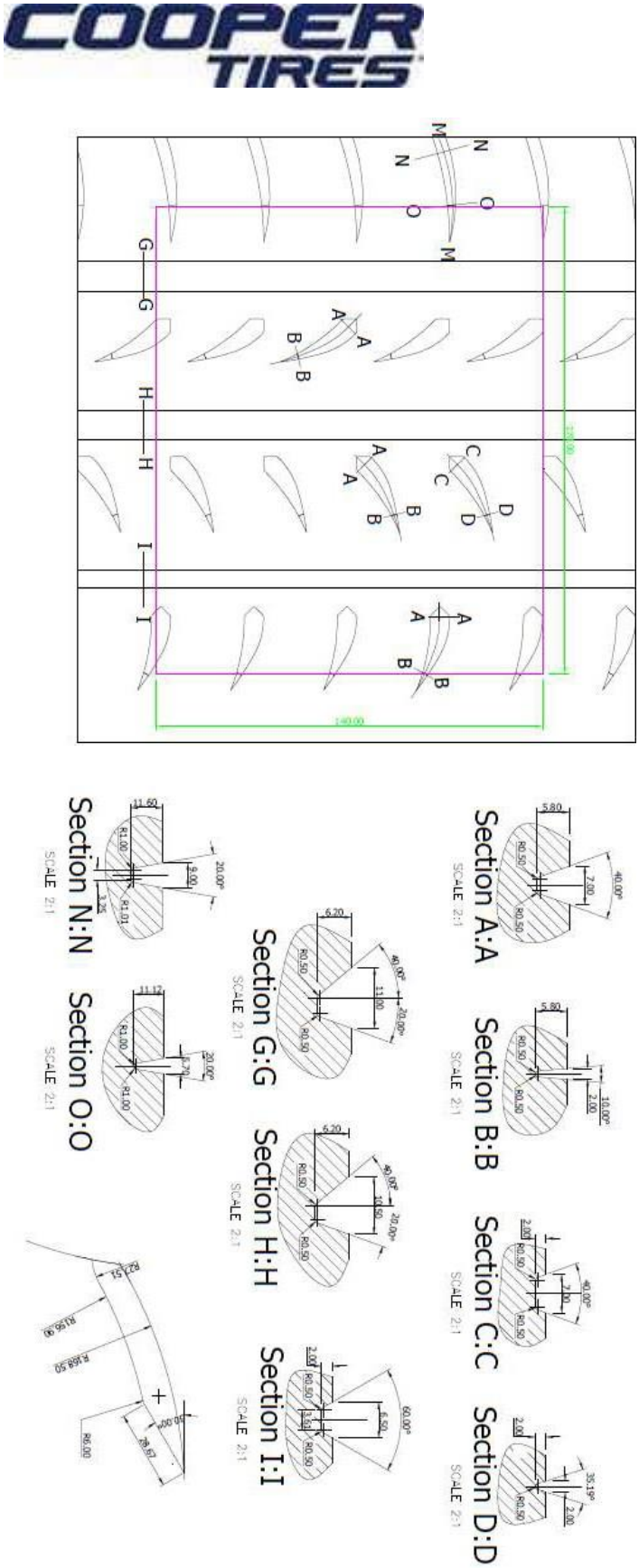
69"-205/45R69



5.5m Groove - 17.78%
Total Grooves - 22.50%

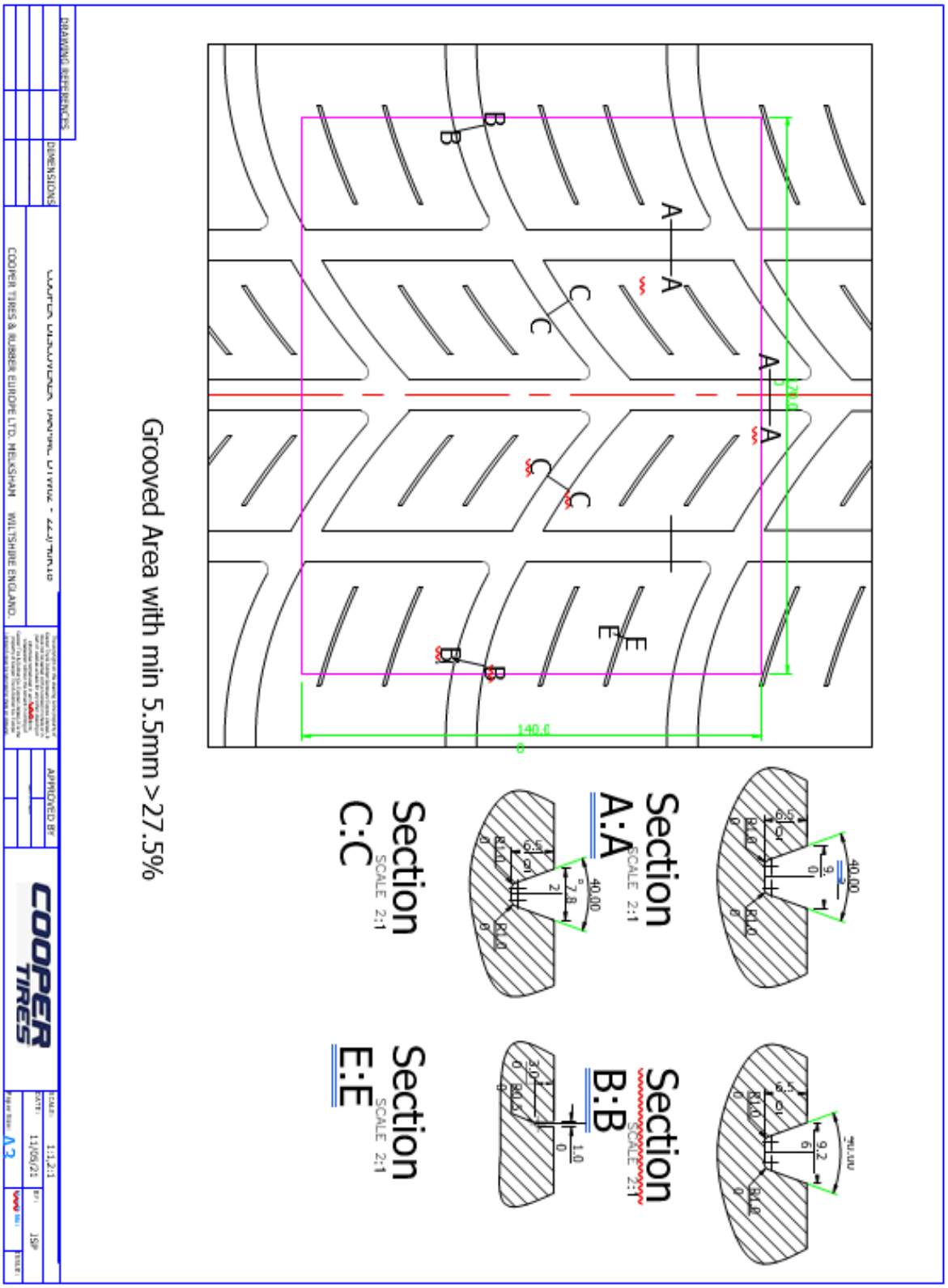
Rim - 7.0"
Class - 8.0"

70"-225/40R70

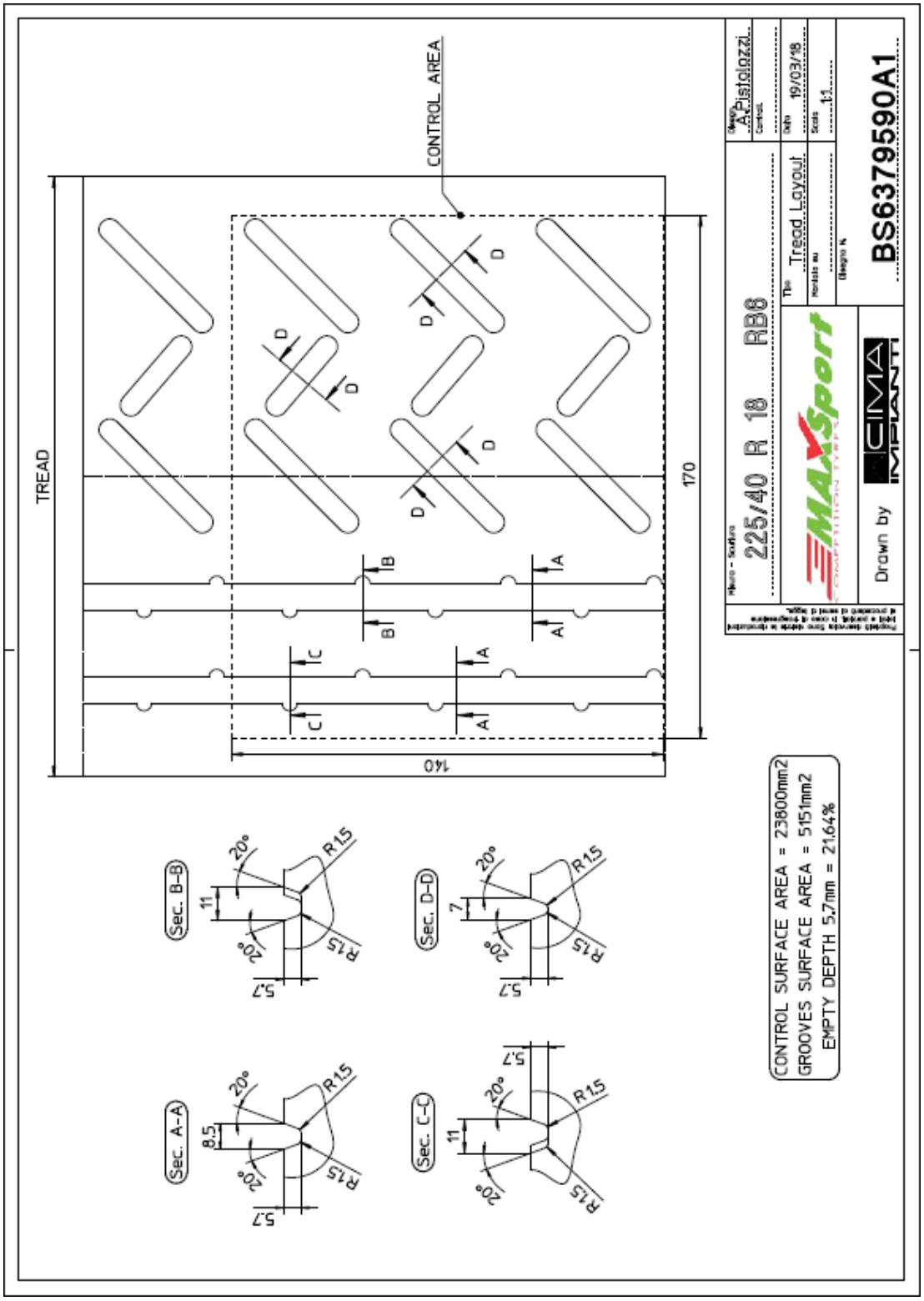

Section A:A
Section B:B
Section C:C
Section D:D
Section G:G
Section H:H
Section I:I
Section N:N
Section O:O
Section M:M
5.5m Groove - 18.35%
Total Grooves - 23.23%
Rim - 8.0"
Class - 9.0"

18"

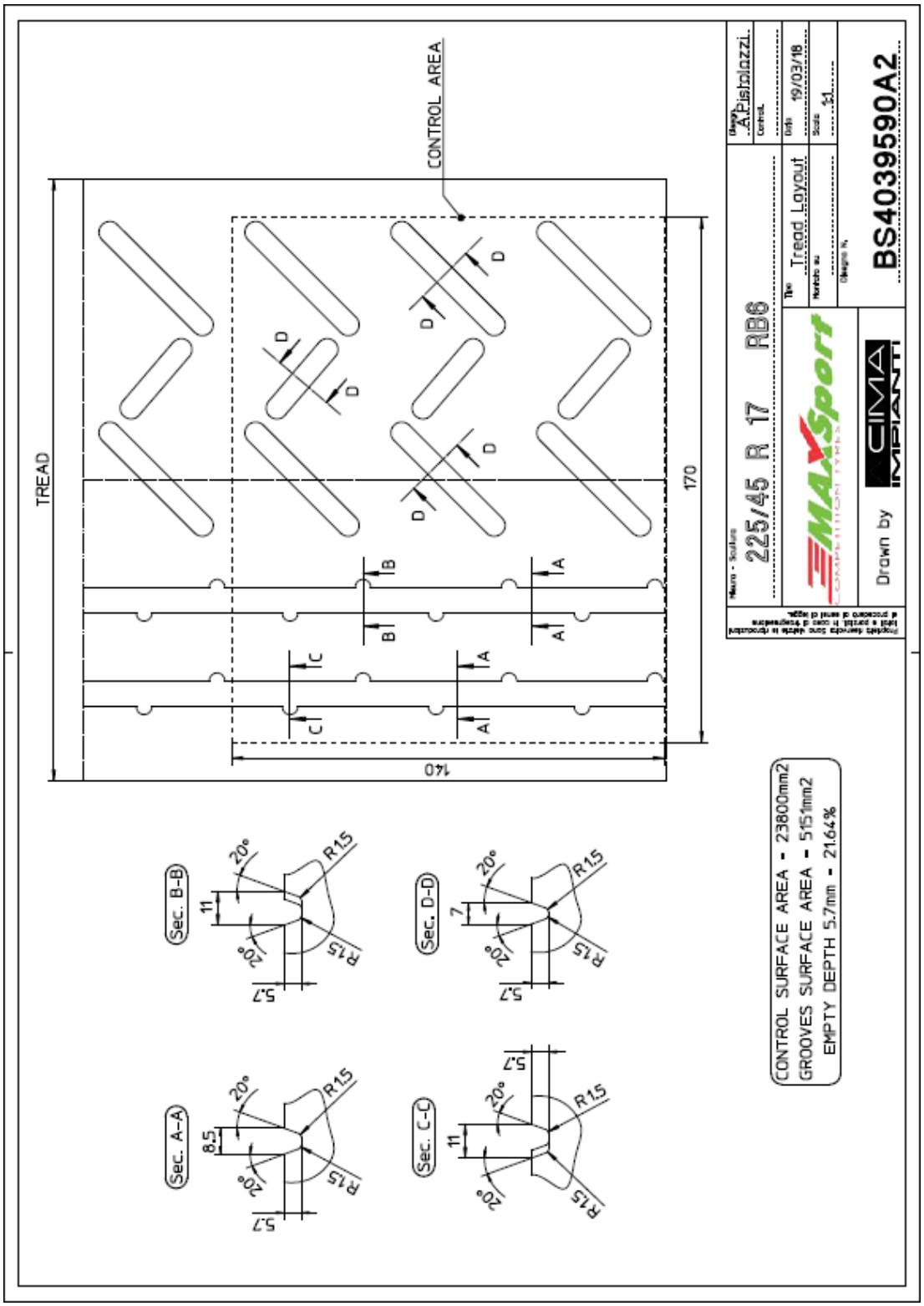
NEW 2021


Section A:A
SCALE 2:1
Section B:B
SCALE 2:1
Section C:C
SCALE 2:1
Section E:E
SCALE 2:1
140.0
Grooved Area with min 5.5mm >27.5%
DRAWING REFERENCES
DIMENSIONS
APPROVED BY
COOPER TIRES
COOPER TIRES & RUBBER EUROPE LTD. MELKSHAM WILTSHIRE ENGLAND
1:1.2:1
11/06/21
A3

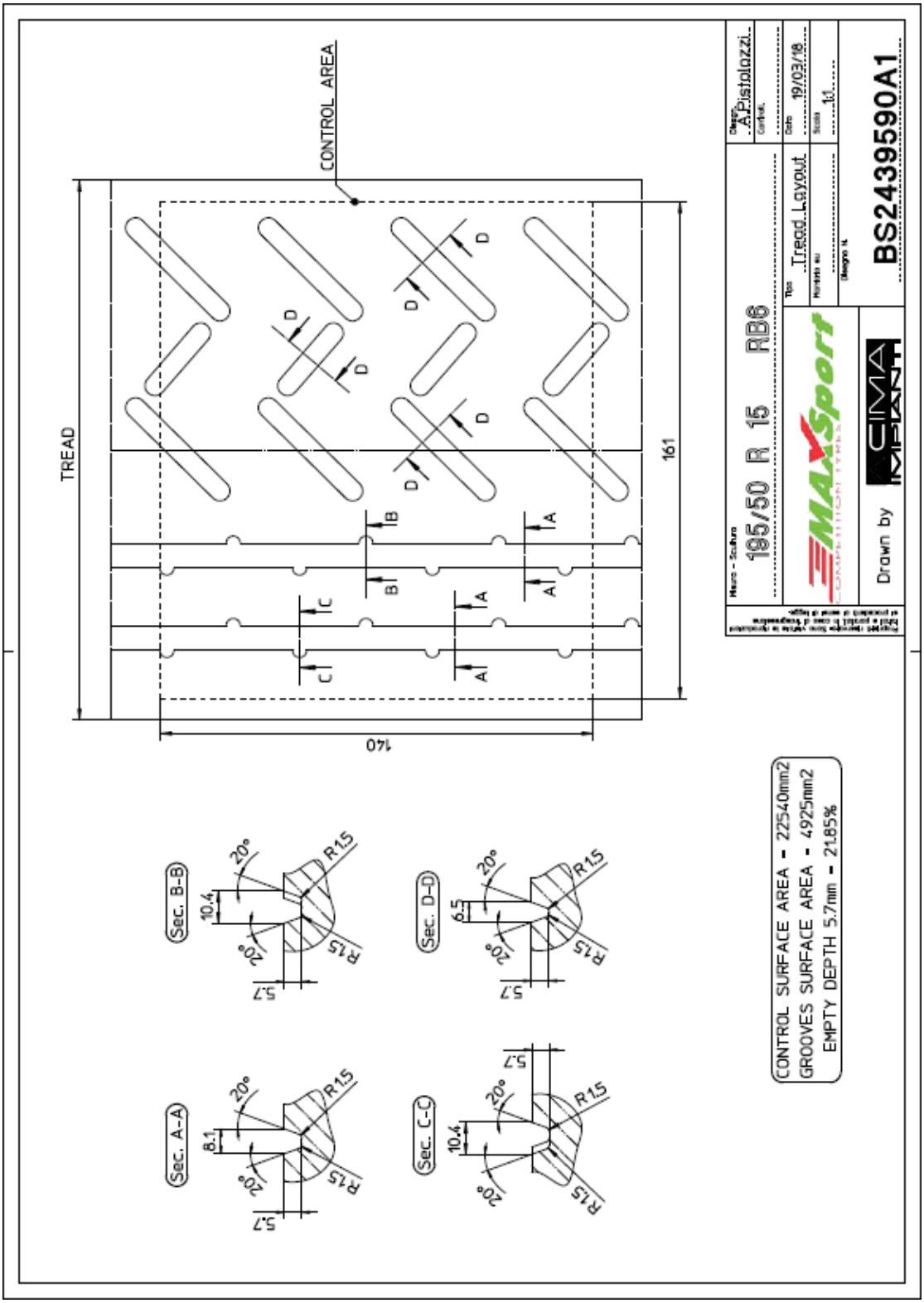
18"-225/40R18


TREAD
CONTROL AREA
140
170
Sec. A-A
Sec. B-B
Sec. C-C
Sec. D-D
R1.5
20°
5.7
8.5
11
7
CONTROL SURFACE AREA = 23800mm2
GROOVES SURFACE AREA = 5151mm2
EMPTY DEPTH 5,7mm = 21,64%
225/40 R 18
RB6
Tread Layout
19/03/18
1:1
BS6379590A1
Drawn by
CIMA IMPIANTI

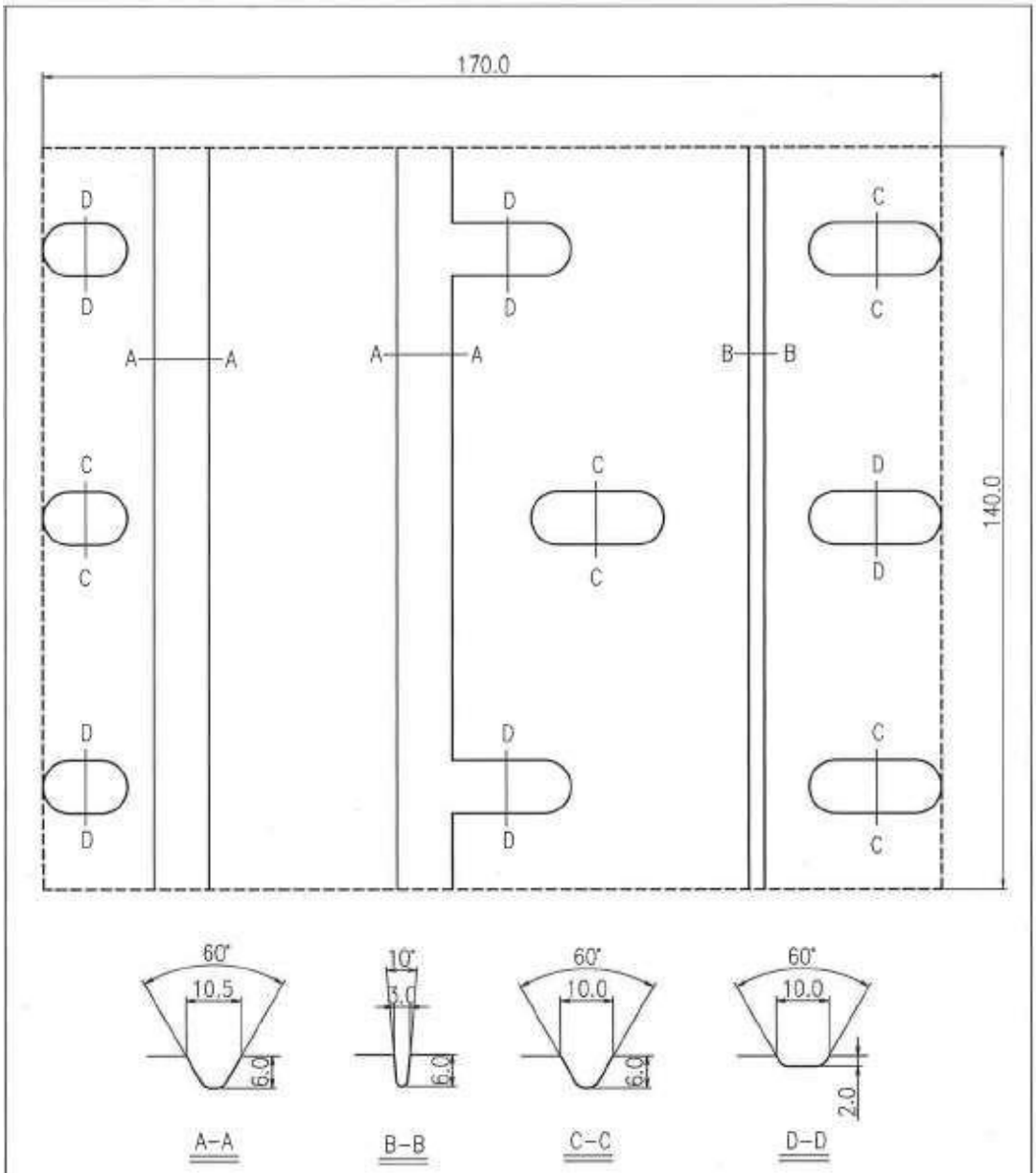
17"-224/45R17


TREAD
CONTROL AREA
140
170
A
B
C
D
Sec. A-A
Sec. B-B
Sec. C-C
Sec. D-D
20°
R1.5
R15
5.7
8.5
11
7
225/45 R 17 RB6
Tread Layout
19/03/18
1:1
BS4039590A2
Drawn by
CIMA IMPIANTI
CONTROL SURFACE AREA - 23800mm2
GROOVES SURFACE AREA - 5151mm2
EMPTY DEPTH 5.7mm - 21.64%

15"-195/50R15

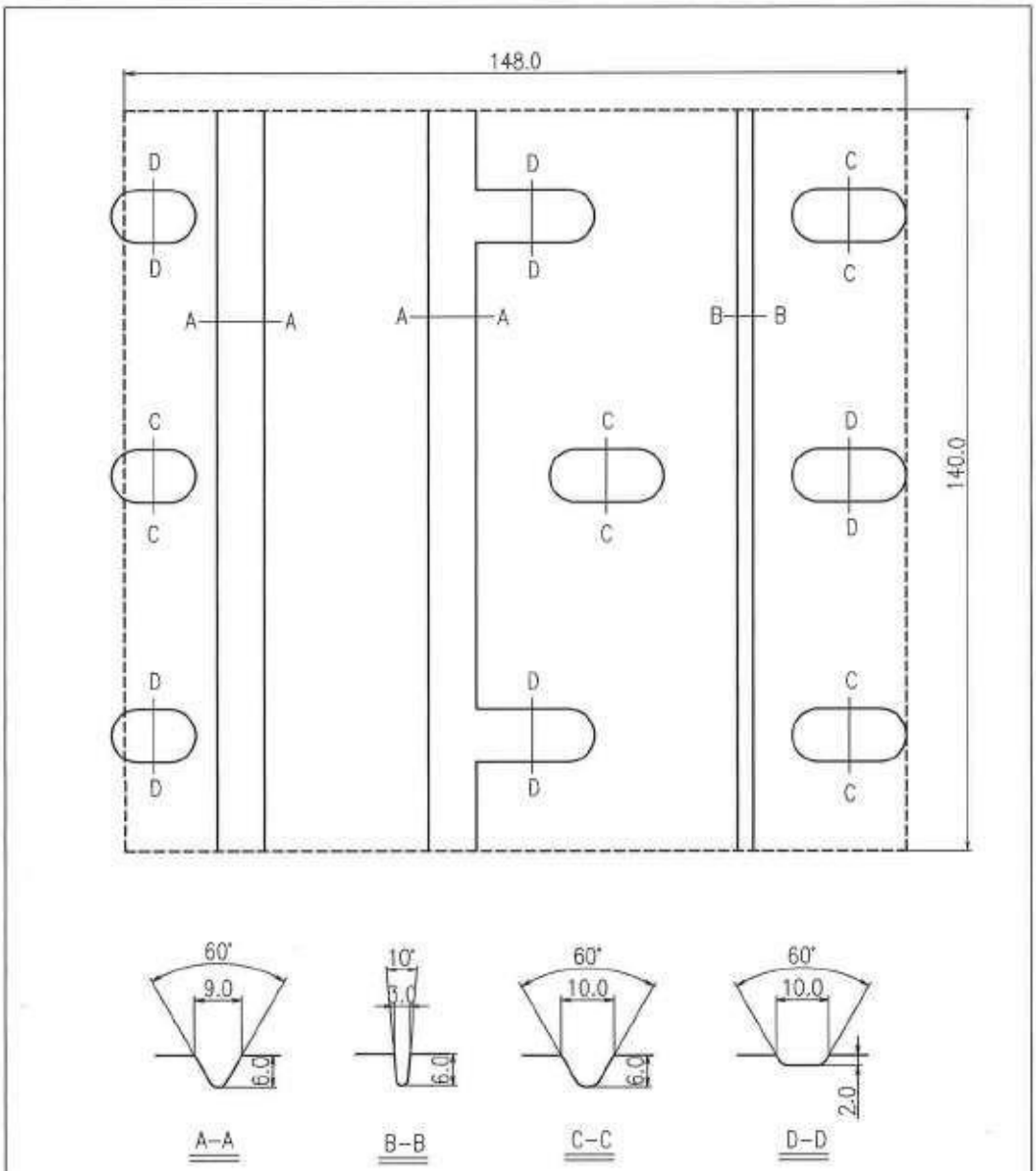

TREAD
CONTROL AREA
140
161
Sec. A-A
Sec. B-B
Sec. C-C
Sec. D-D
R1.5
20°
5.7
8.1
10.4
6.5
195/50 R 15 RB6
Tread Layout
BS2439590A1
Drawn by
CONTROL SURFACE AREA - 22540mm2
GROOVES SURFACE AREA - 4925mm2
EMPTY DEPTH 5.7mm - 21.85%

18"-210/650R18



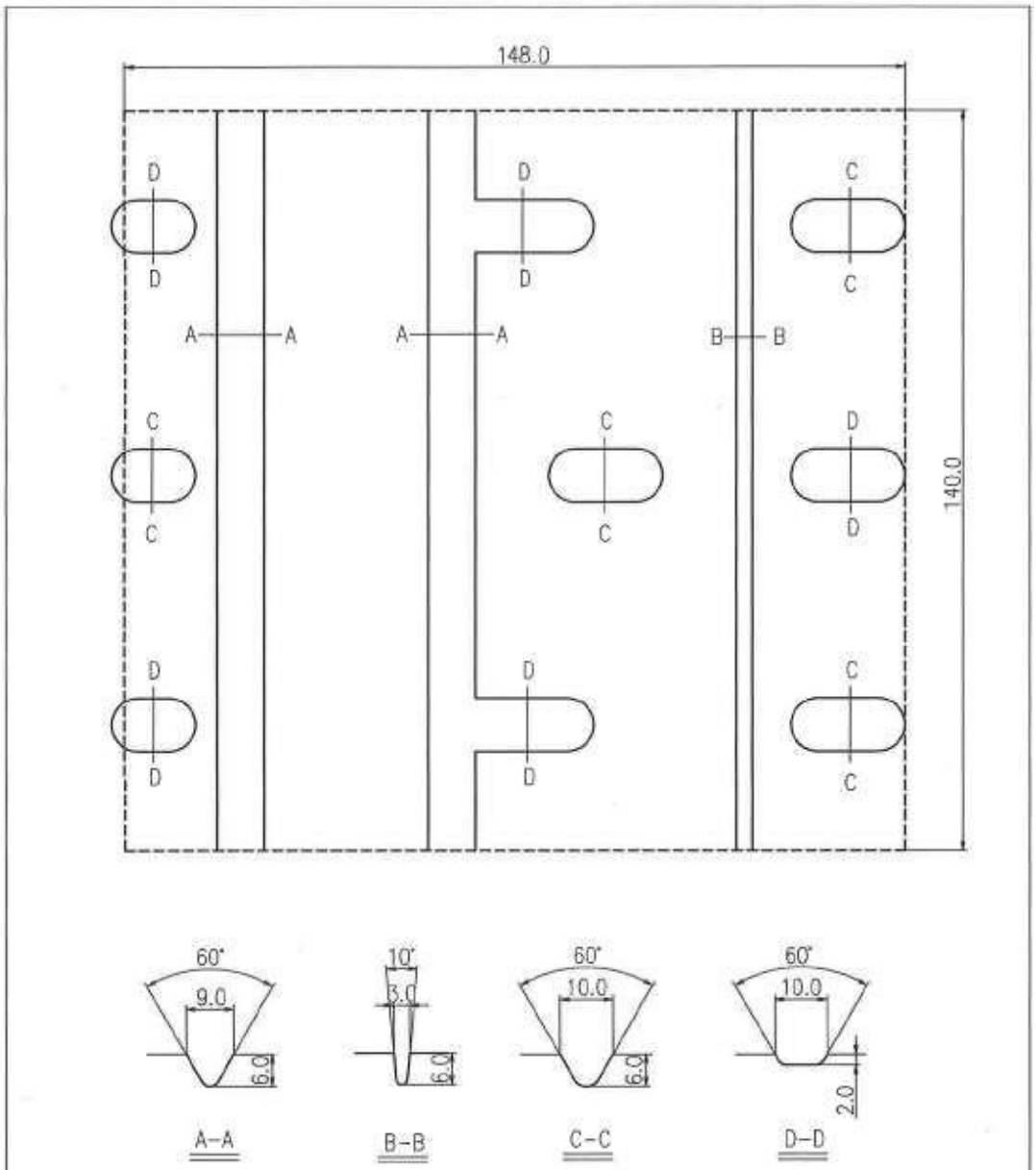
Control Area		DUNLOP	Size · Pattern
23800(170X140)		SUMITOMO RUBBER INDUSTRIES,LTD.	210/650R18
Grooved Area		MOTORSPORT DEVELOPMENT	DIREZZA 94R
Depth >1.8mm	21.5%		
Depth >5.5mm	17.6%		

17"-190/625R17



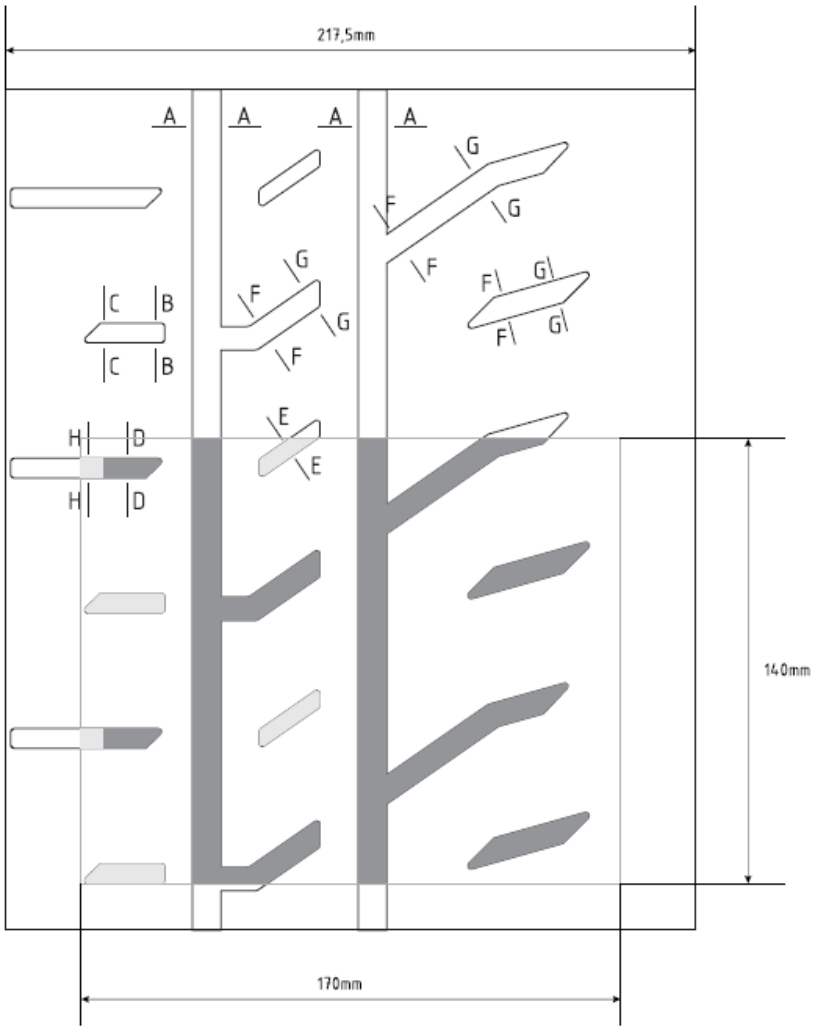
Control Area		DUNLOP	Size · Pattern
20720(148X140)		SUMITOMO RUBBER INDUSTRIES,LTD.	190/625R17
Grooved Area		MOTORSPORT DEVELOPMENT	DIREZZA 94R
Depth >1.8mm	21.8%		
Depth >5.5mm	17.6%		

16"-200/600R16



Control Area		DUNLOP	Size · Pattern
20720(148X140)		SUMITOMO RUBBER INDUSTRIES,LTD.	200/600R16
Grooved Area		MOTORSPORT DEVELOPMENT	DIREZZA 94R
Depth >1.8mm	21.8%		
Depth >5.5mm	17.6%		

18"-20/65R18



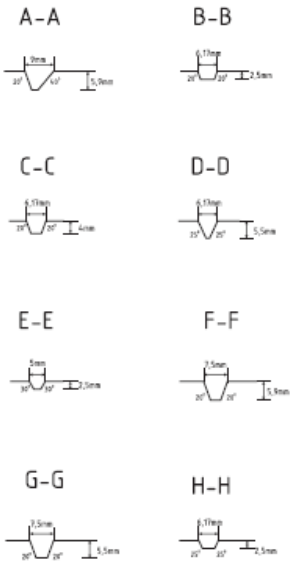
Name: EXTREME VRC

Size: 20/65-18

Width of the tyre/rim assembly: 224mm (8,8")

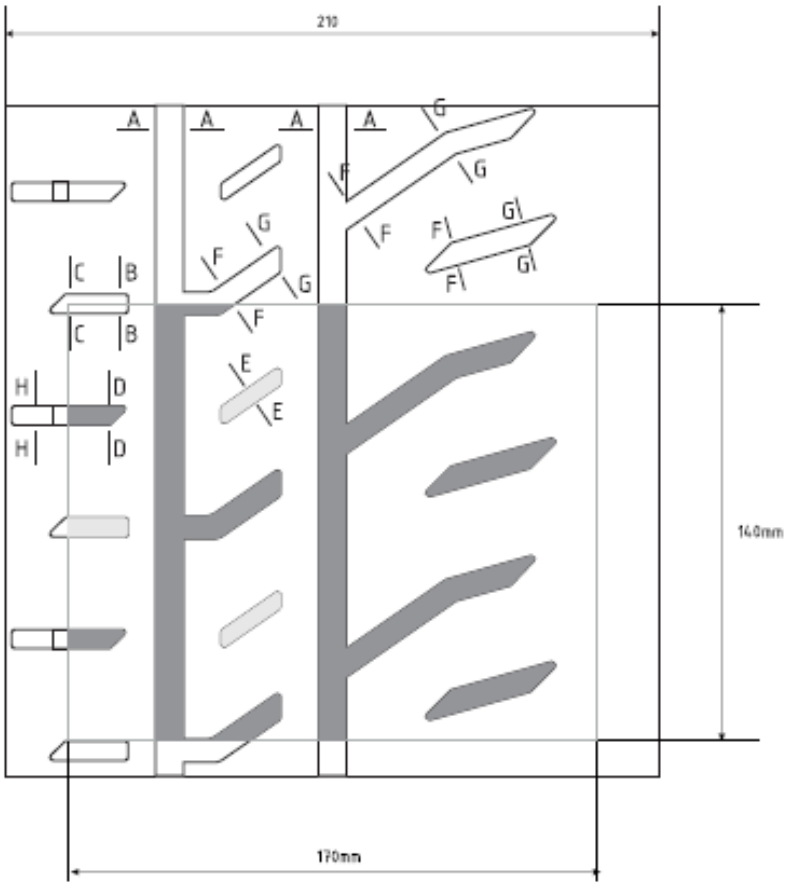
Control area: 170x140mm = 23800mm2
Over 5,5mm depth grooves area = 4550mm2 (19,12%)
Over 1,8mm depth grooves area = 5118mm2 (21,50%)

1,8mm ≤ groove depth ≤ 5,5mm
5,5mm ≤ groove depth



Scale: 1:1

13"-20/54R13



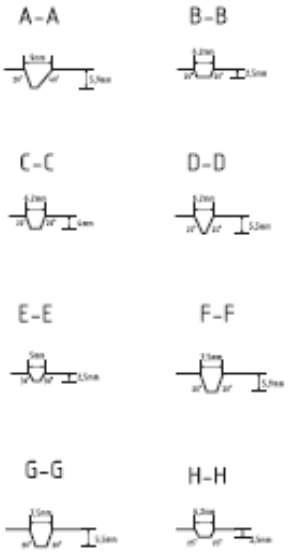
Name: EXTREME VRC

Size: 20/54-13

Width of the tyre/rim assembly: 216mm (8,5")

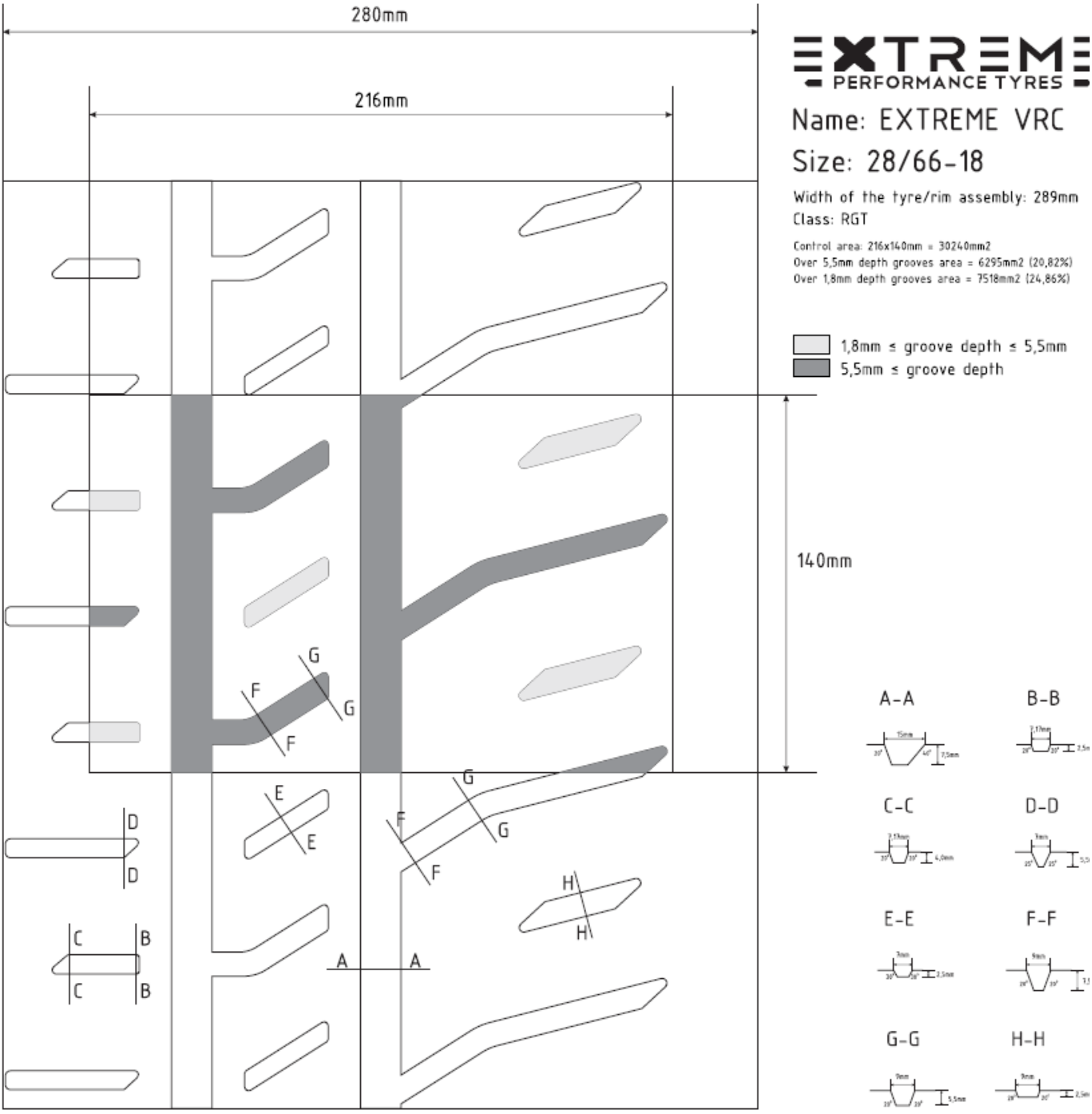
Control area: 170x140mm = 23800mm2
Over 5,5mm depth grooves area = 4177mm2 (17,55%)
Over 1,8mm depth grooves area = 5128mm2 (21,55%)

1,8mm ≤ groove depth ≤ 5,5mm
5,5mm ≤ groove depth



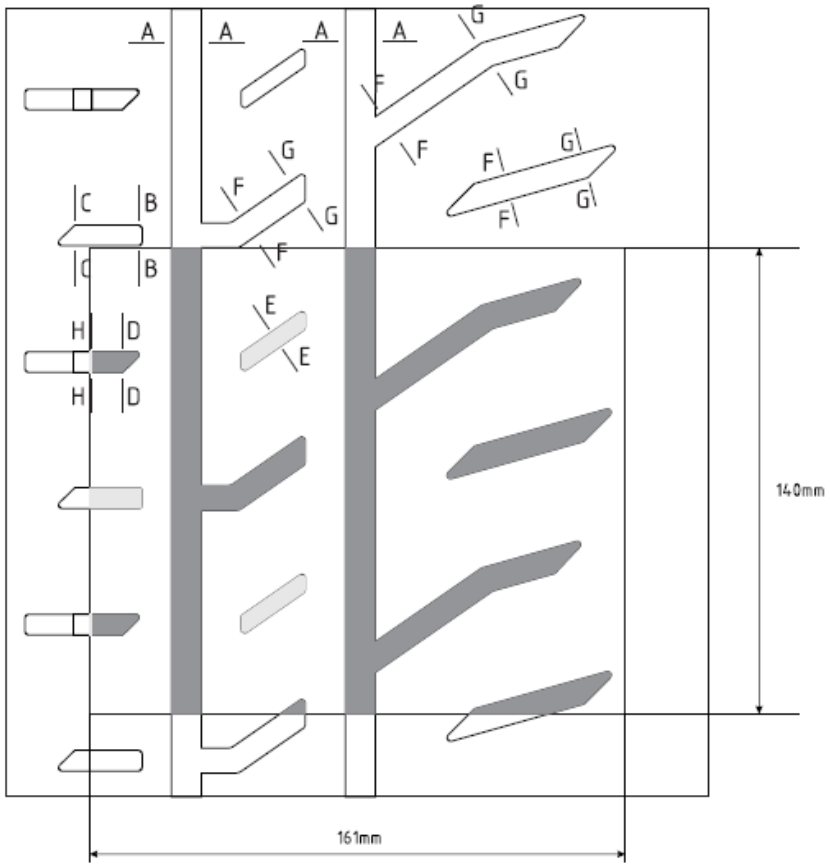
Scale: 1:1

18"-28/66R18 -R-GT



Scale: 1:1

16"-19/60R16



Name: EXTREME VRC

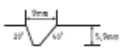
Size: 19/60-16

Width of the tyre/rim assembly: 206mm (8,1

Control area: 161x140mm = 22540mm2
Over 5,5mm depth grooves area = 4518mm2 (20,04%)
Over 1,8mm depth grooves area = 4855mm2 (21,54%)

1,8mm ≤ groove depth ≤ 5,5mm
5,5mm ≤ groove depth

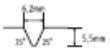
A-A



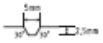
B-B

C-C

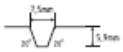
D-D



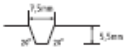
E-E



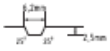
F-F



G-G



H-H



Scale: 1:1

15"-19/58R15

EXTREME PERFORMANCE TYRES

EXTREME PERFORMANCE TYRES

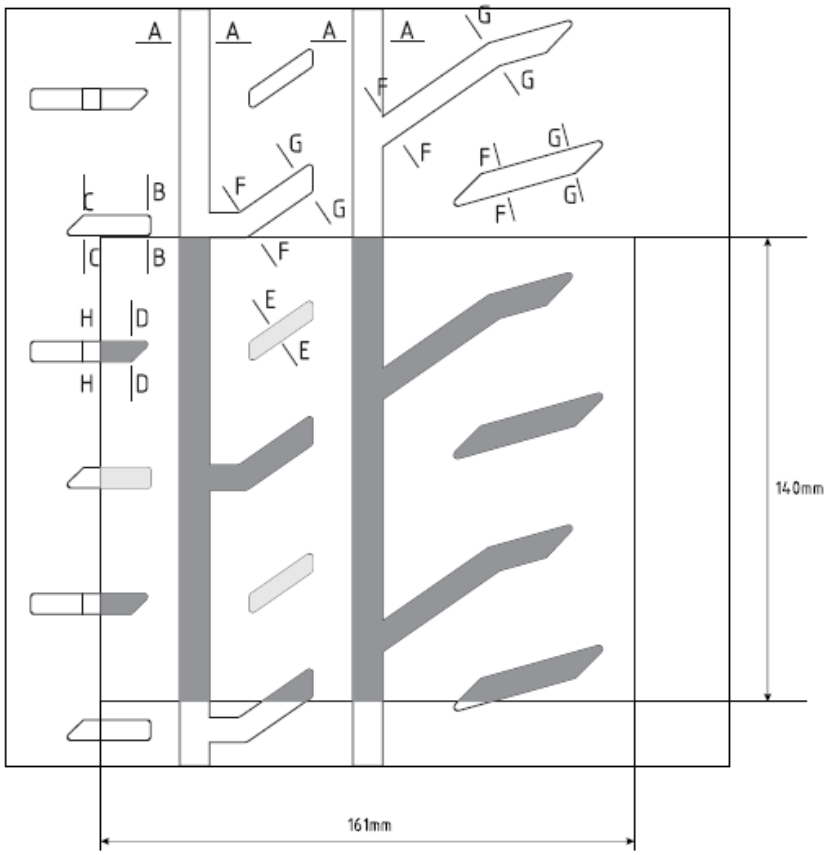
Name: EXTREME VRC

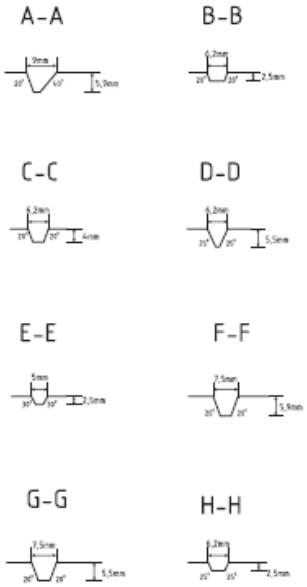
Size: 19/58-15

Width of the tyre/rim assembly: 207mm (8,1'

Control area: 161x140mm = 22540mm2
Over 5,5mm depth grooves area = 4530mm2 (20,10%)
Over 1,8mm depth grooves area = 4852mm2 (21,53%)

1,8mm ≤ groove depth ≤ 5,5mm
5,5mm ≤ groove depth





Scale: 1:1