

## 2022 DUTCH GRAND PRIX

01 - 04 September 2022

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<b>From</b>	The FIA Formula One Race Director	<b>Document</b>	4
<b>To</b>	All Teams, All Officials	<b>Date</b>	01 September 2022
		<b>Time</b>	17:50

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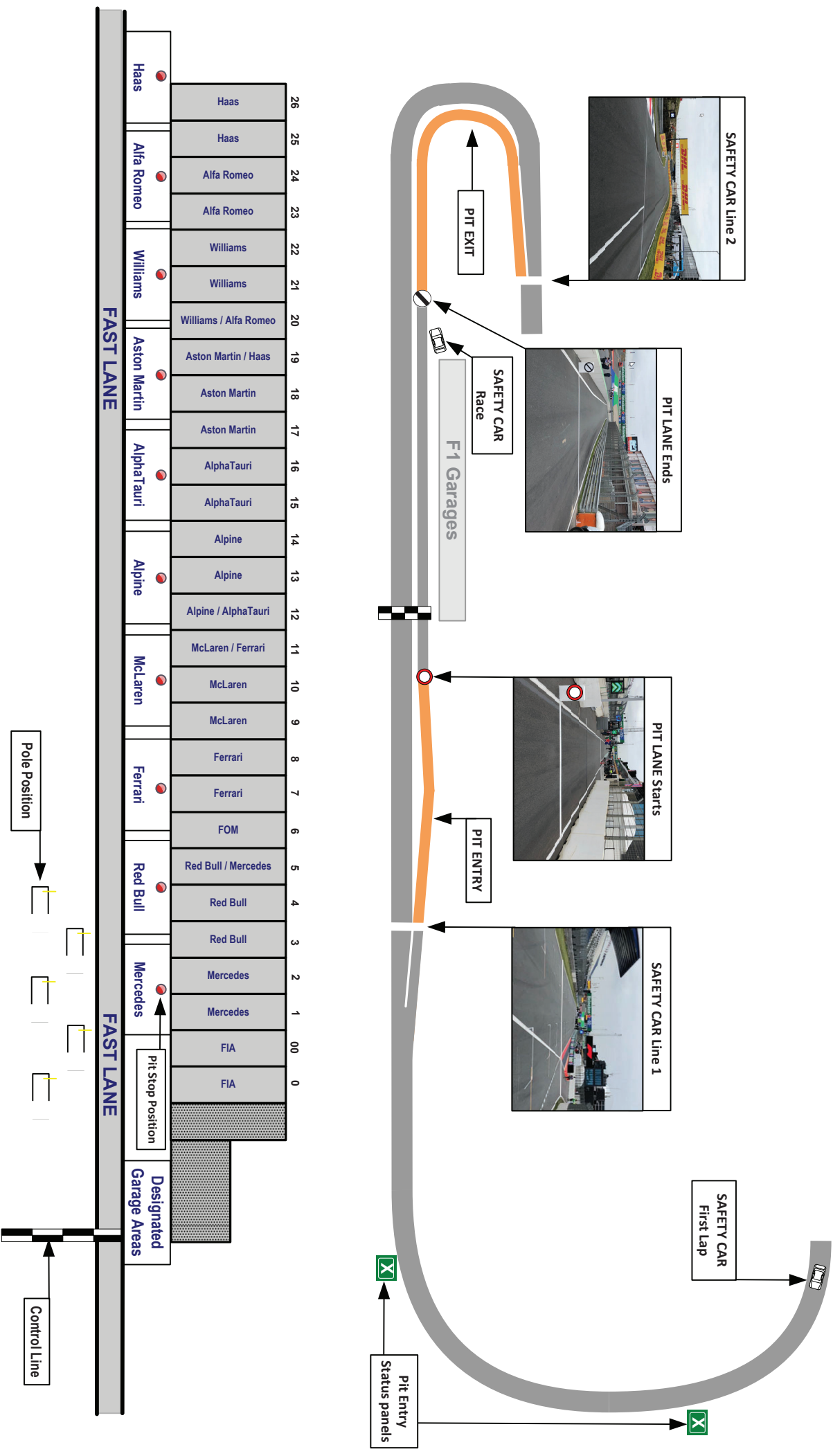
**Title** Event Notes - Pit Lane Drawing, Red Zone and Pirelli Preview

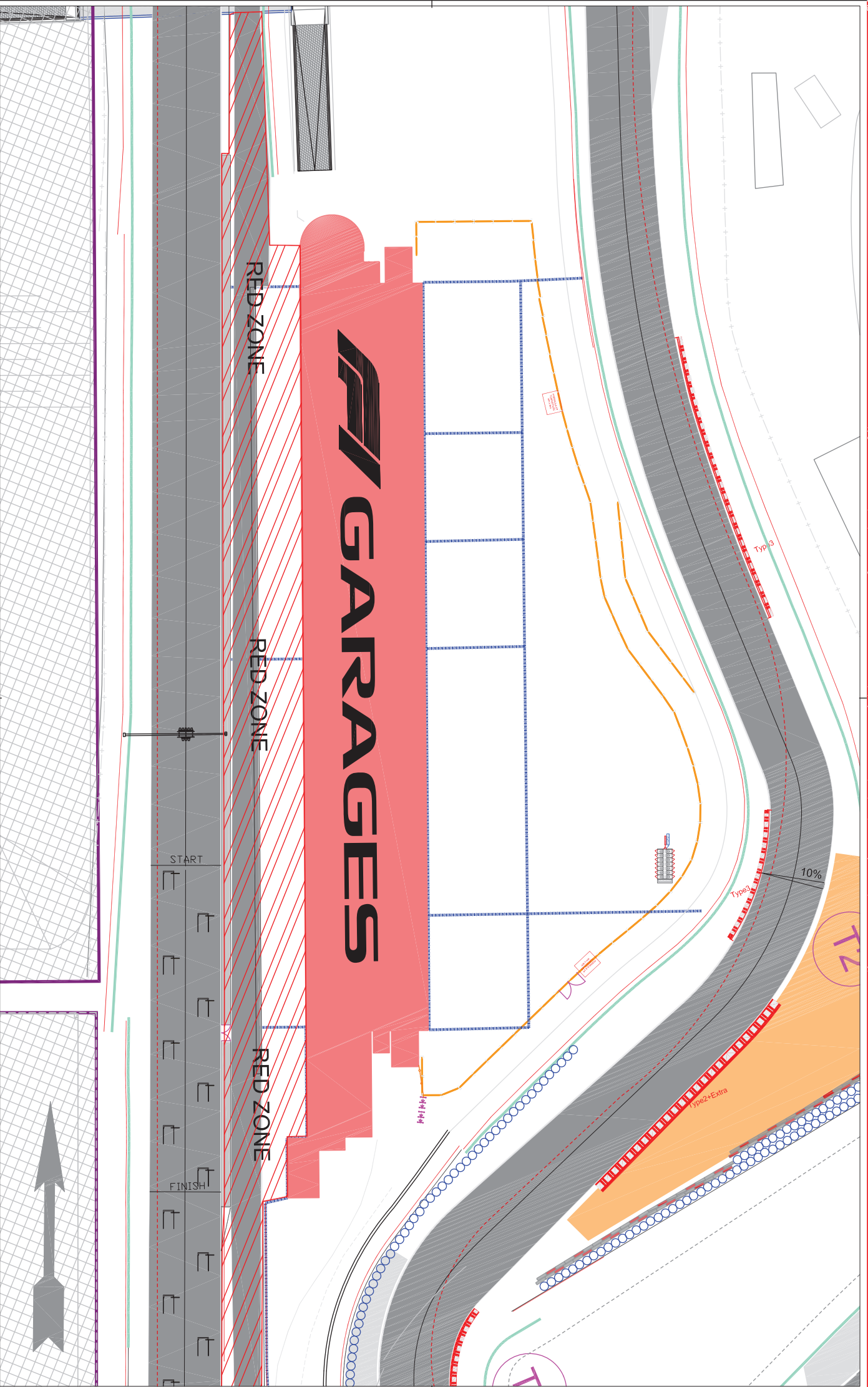
**Description** Pit Lane Drawing, Red Zone and Pirelli Preview

**Enclosed** NED DOC 4 - Pit Lane and Red Zone and Pirelli Preview.pdf

**Eduardo Freitas**

**The FIA Formula One Race Director**





RED ZONE

RED ZONE

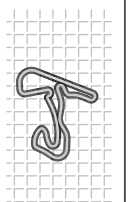
RED ZONE

START

FINISH



**FORMULA 1 HEINEKEN  
DUTCH GRAND PRIX 2022**  
Zandvoort Circuit  
ZANDVOORT, NETHERLANDS



**ROUND 15**  
**SEP**  
**02-04**

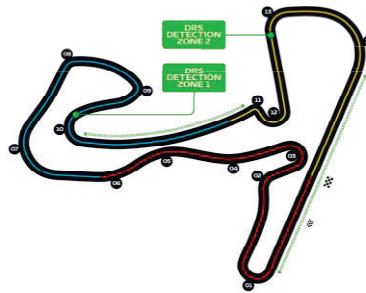


Drawing Title		Red Zone	
Drawing Number		U1...DRAWING120221NETHERLANDS_REDZONE_22	
Drawn	Date	Scale	Rev
JB	24/07/22	NTS	

In agreement with the FIA and in accordance with Article 24.4 a) of the F1 Sporting Regulations, this document contains the prescriptions for the operation of tyres during the following event.

Document version: 1 issue: A

**Grand Prix of Netherlands 02/09-04/09/2022 (22R15ZVT)**



**Compounds selection**

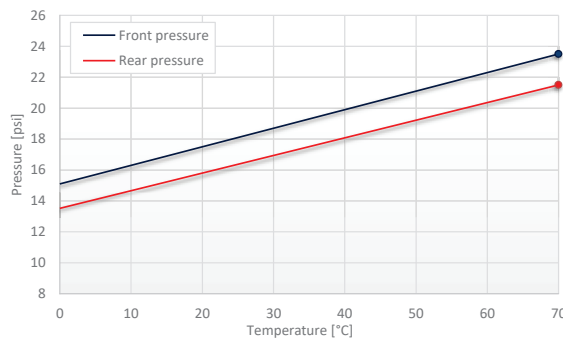
Compound	FL	FR	RL	RR	Mandatory race tyres
<b>C1</b>	1X1	1X2	1X3	1X4	<b>C1</b>
<b>C2</b>	2G1	2G2	2G3	2G4	<b>C2</b>
<b>C3</b>	3Z1	3Z2	3Z3	3Z4	<b>Q3 tyre</b>
<b>Intermediate</b>	9G1	9G2	9G3	9G4	<b>C3</b>
<b>Wet</b>	95B	96B	97B	98B	

**Prescriptions**

**Pressures & camber**

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
<b>Front</b>	23.5 psi	23.5 psi	22.5 psi	≥26.0 psi	-3.00°
<b>Rear</b>	21.5 psi	21.5 psi	20.5 psi	≥24.0 psi	-2.00°

**Cold Pressure Cooling Curve**



$$P_{front} = (T - 70) \cdot 0.12 + P_{startf}$$

$$P_{rear} = (T - 70) \cdot 0.114 + P_{startr}$$

*P<sub>startf</sub>*: Minimum starting pressure on the front axle [psi]

*P<sub>startr</sub>*: Minimum starting pressure on the rear axle [psi]

*T*: Tyre temperature [°C]

**Maximum heating times and temperatures (tread & sidewall)**

Temperature	0	40	60	70 (°C)
<b>Slicks</b>	max. 3h			
<b>Intermediate</b>	max. 2h			
<b>Wet</b>	max. 2h			

- Temperatures refer to tyre tread and side wall temperatures, not blanket or controller set-point temperatures.
- Tyres may only be heated prior to the session in which they are intended to be used.
- The temperatures apply at all times during the event.

**Tyres notes**

- Not permitted to switch tyres from their originally allocated position.
- Do not subject tyres to large deformation or heavy impact.
- Do not leave fitted tyres exposed at an air temperature lower than 15°C and/or any UV emission.
- Revised prescriptions could be issued during the race weekend in accordance with TD003.
- Heating time temperature limits apply to the actual tyre surface temperature measured with the IR gun as detailed in the TD003
- Cold cooling curve temperature limits apply to the tyre side wall temperature measured with the probe as detailed in TD003
- BLANKET HEATING TIME for each temperature range to be counted from the moment the blanket control unit is set to reach its targeted temperature within its correspondent interval.

**General notes**

- Teams are kindly reminded that the following will be subject to FIA checks during the event:
- Starting pressures
  - Cold pressures (according to the cold pressure cooling curves)
  - Re-heat pressures
  - EOS Camber
  - Maximum tyre temperatures in blankets
  - Tyre swapping