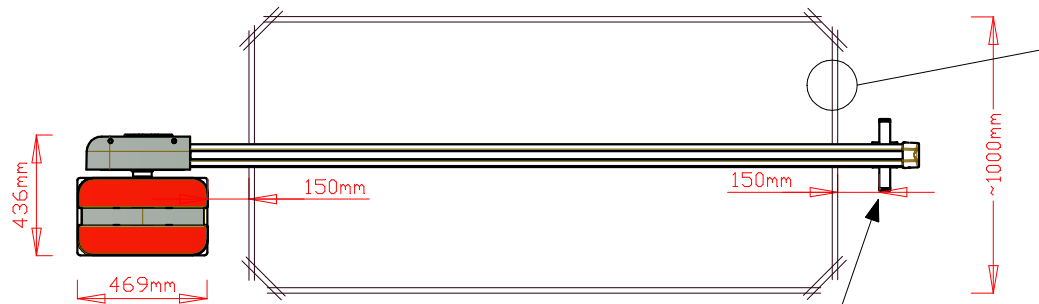
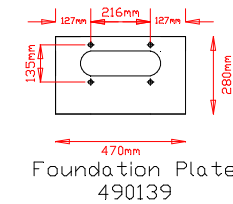
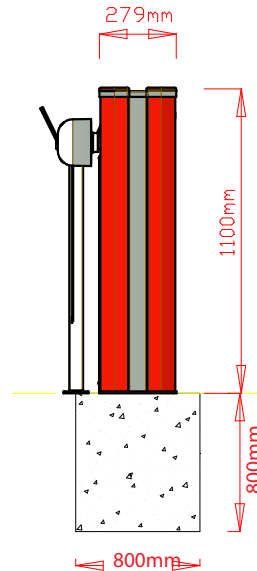
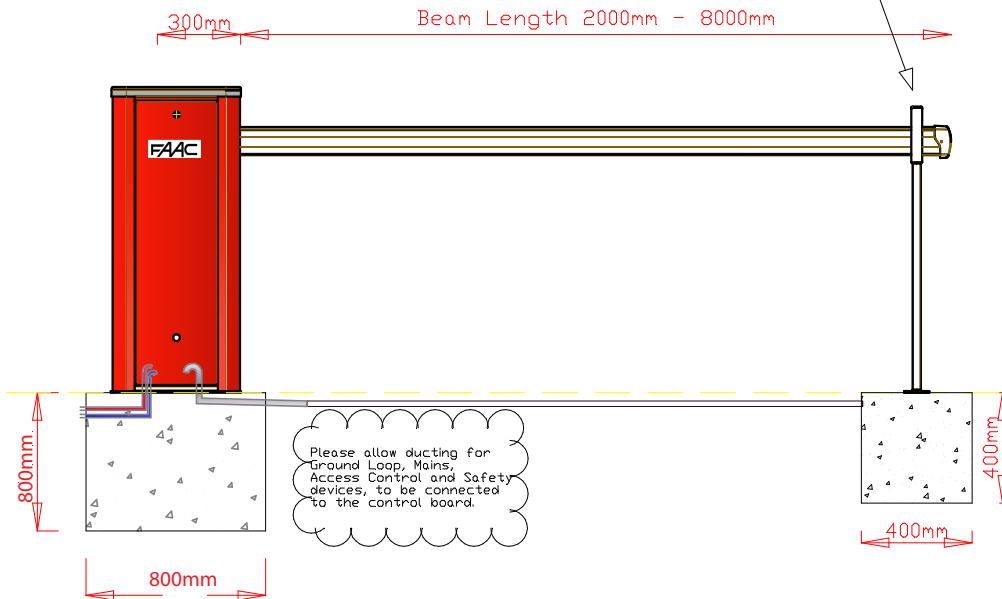




Loop Perimeter	N r of Windings
Less than 3m	6
from 3 to 4m	5
from 4 to 6m	4
from 6 to 12m	3
more than 12m	2



A fixed "Y" fork support or PGG support is required for beam lengths over 4m



For further foundation details see page 68 of B680 manual

NOTES

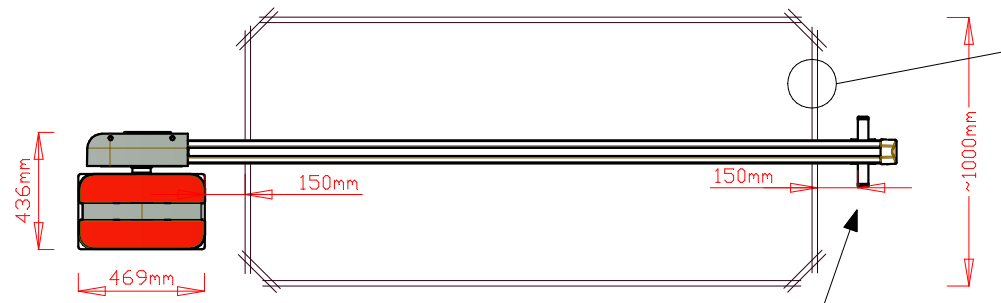
A full and detailed Health Analysis and Risk Assessment will be required to determine if extra safeties are required. A summary of the installers responsibilities regarding the safety of gate systems can be found in the current gate guide document published by the DHF.

Cable Requirements:
Loop cable - A standard unipolar cable 1.5mm², if laid below ground level then it must be double insulated.

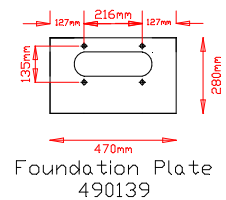
Accessories:
2.0 x 0.5mm²
2.0 x 1.5mm²

Power:
230V 3 x 1.5mm²

Designed by	Checked by	Approved by	File name	Date	Scale
FAAC (UK) Limited Unit 10 The Hatch Ind Park Greywell Road Basingstoke Hampshire RG24 7NG	Tel. 01256 318100 Fax. 01256 318101 Tech 01256 318111 Email sales@faac.co.uk Web. www.faac.co.uk		B680H Inst	2019	NTS
B680 Typical Installation requirements					Edition Sheet
					EDITION SHEET

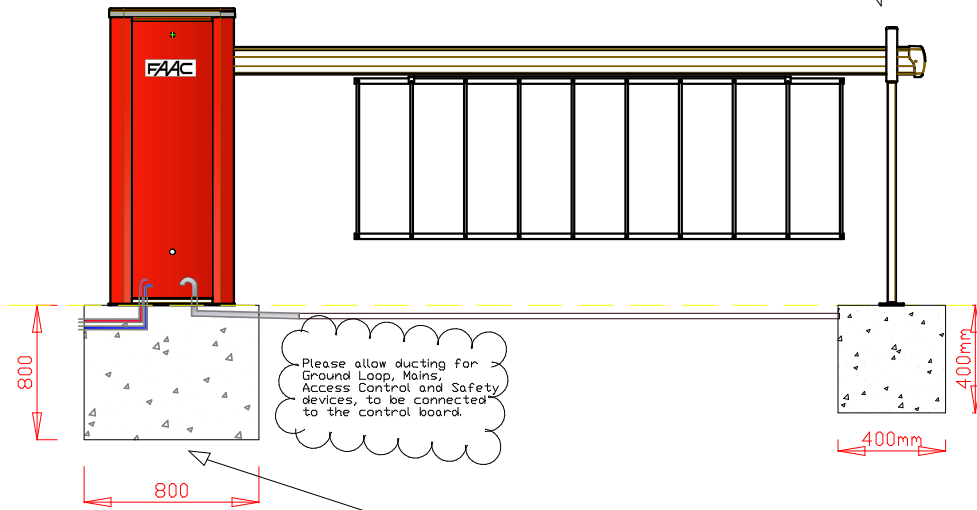


Loop Perimeter	N of Windings
Less than 3m	6
from 3 to 4m	5
from 4 to 6m	4
from 6 to 12m	3
more than 12m	2



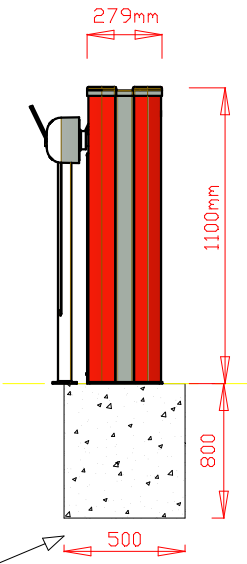
A fixed "Y" fork support or POGO support is required for beam lengths over 4m

Beam Length 2000mm - 7000mm
(Max 7m with 6m bottom skirt)



Please allow ducting for Ground Loop, Mains, Access Control and Safety devices, to be connected to the control board.

NOTE: Please refer to the foundation details in note 1 "BASE DIAGRAM - B680H" within the installation manual



NOTES

A full and detailed Health Analysis and Risk Assessment will be required to determine if extra safeties are required. A summary of the installers responsibilities regarding the safety of gate systems can be found in the current gate guide document published by the DHF.

Cable Requirements:
Loop cable - A standard unipolar cable 1.5mm², if laid below ground level then it must be double insulated.
Accessories:
2.0 x 0.5mm²
2.0 x 1.5mm²

Power:
230V 3 x 1.5mm²

Designed by ASP	Checked by	Approved by	File name B680H Inst	Date 5-2025	Scale NTS
FAAC (UK) Limited Unit 10 The Hatch Ind Park Greywell Road Basingstoke Hampshire RG24 7NG			Tel. 01256 318100 Fax. 01256 318101 Tech.01256 318111 Email:sales@faac.co.uk Web:www.faac.co.uk		
B680 Typical Installation requirements					Edition SHEET

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

D

E

A

B

C

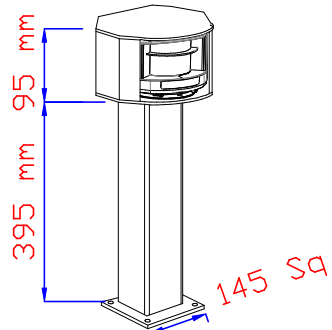
D

E

A

B

C



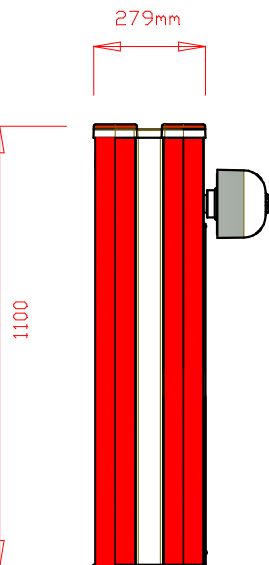
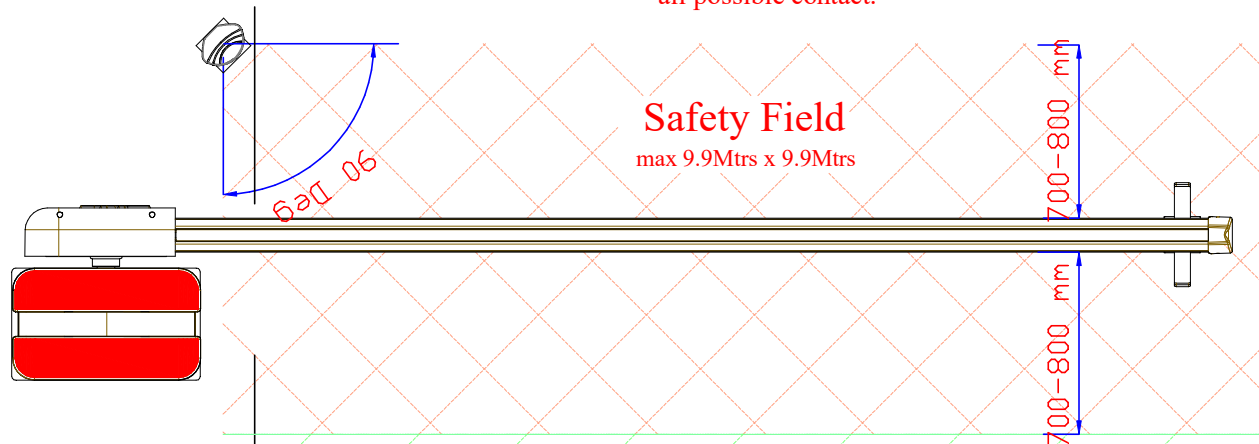
Part no. XGProSafe-1
Comprises, 1 x XGuard lasers, 1
x posts, 1
x covers & 1 x power supply.

(XGuard laser programmer is
sold separately. Part No.
N-02.0103)

A single xGuard laser scanner can
be used to provide an arms-width
exclusion zone (circa 700-800mm)
either side of the boom to prevent
all possible contact.



Reflector posts
for xGuard laser,
500 mm high
part no. 401070

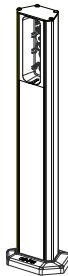
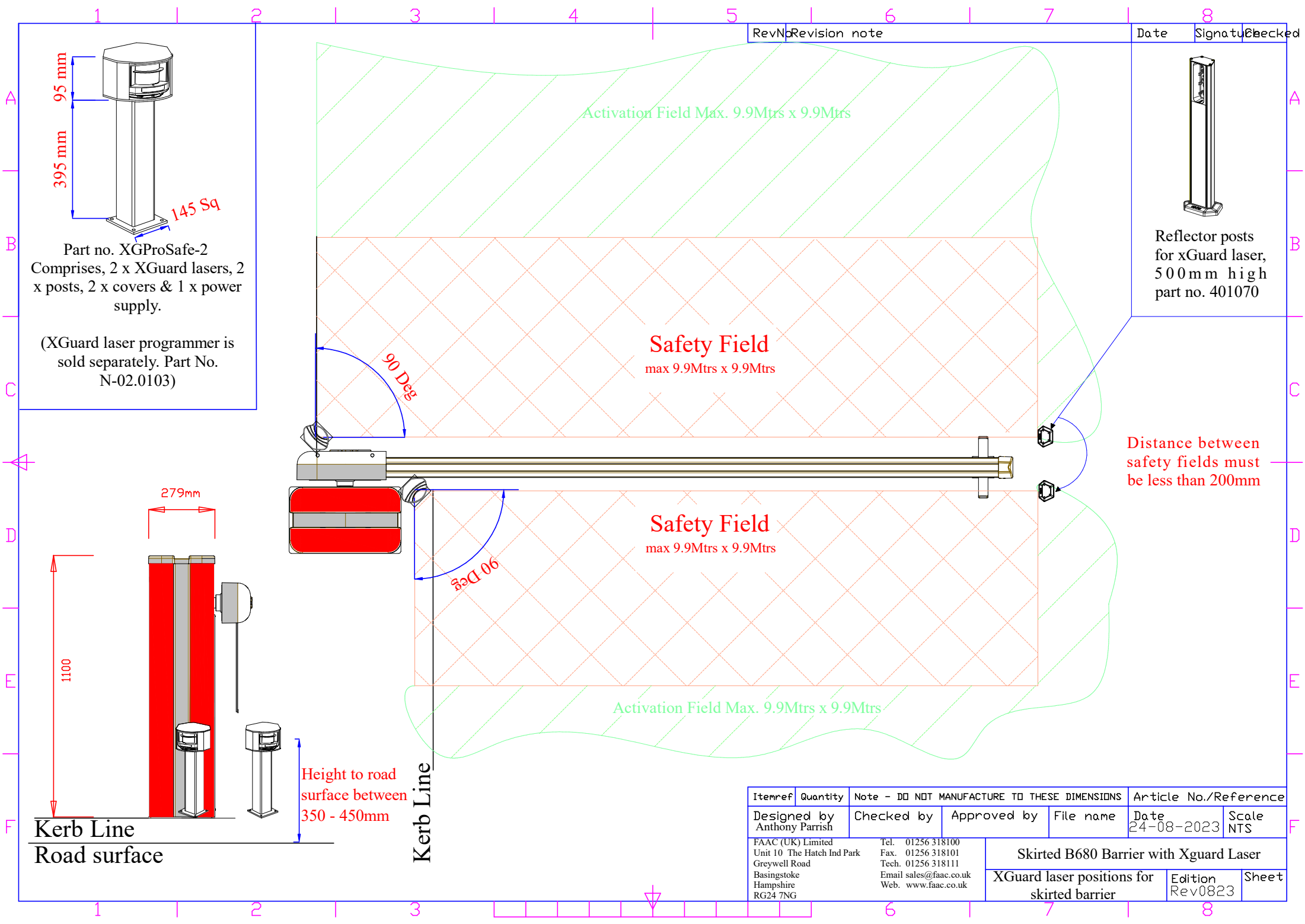


Kerb Line

Height to road
surface between
350 - 450mm

Kerb Line
Road surface

Itemref	Quantity	Note - DO NOT MANUFACTURE TO THESE DIMENSIONS			Article No./Reference	
Designed by Anthony Parrish		Checked by	Approved by	File name	Date 24-08-2023	Scale NTS
FAAC (UK) Limited Unit 10 The Hatch Ind Park Greywell Road Basingstoke Hampshire RG24 7NG			Tel: 01256 318100 Fax: 01256 318101 Tech: 01256 318111 Web: www.faac.co.uk UKsales@faactechnologies.com		B680 Barrier with xGuard Laser	
				xGuard laser positions for entry barrier	Edition Rev0823	Sheet



Reflector posts
for xGuard laser,
500 mm high
part no. 401070

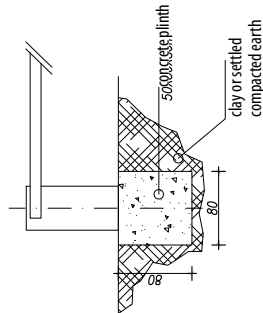
Distance between
safety fields must
be less than 200mm

Itemref	Quantity	Note - DO NOT MANUFACTURE TO THESE DIMENSIONS				Article No./Reference	
Designed by Anthony Parrish		Checked by	Approved by	File name	Date 24-08-2023	Scale NTS	F
FAAC (UK) Limited Unit 10 The Hatch Ind Park Greywell Road Basingstoke Hampshire RG24 7NG		Tel. 01256 318100 Fax. 01256 318101 Tech. 01256 318111 Email sales@faac.co.uk Web. www.faac.co.uk	Skirted B680 Barrier with Xguard Laser				
			XGuard laser positions for skirted barrier		Edition Rev0823	Sheet	

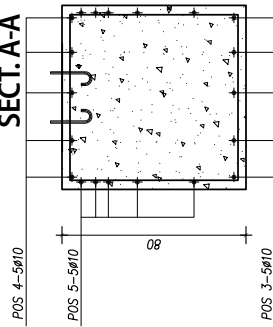
1 Foundation (barrier in maximum configuration)

BASE DIAGRAM - B680H

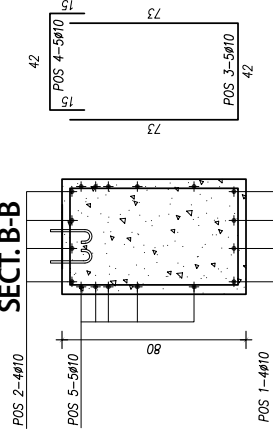
REINFORCEMENTS



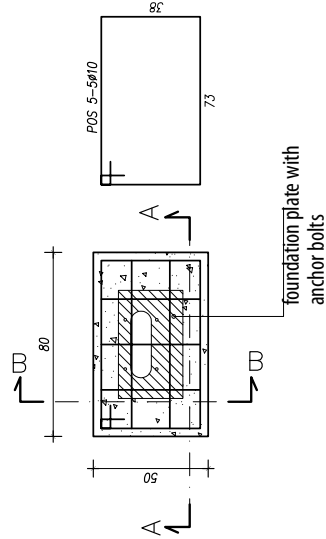
SECT. A-A



SECT. B-B



PLAN VIEW



MATERIALS			
CONCRETE	Resistance class	C28/35	
	Exposure class	XF-4	
	REINFORCING STEEL:	B 450 C	