

Franck Franjou

Plasticien de l'Environnement Nocturne

FRANCK FRANJOU LIGHTING DESIGNERS & CONSULTANTS

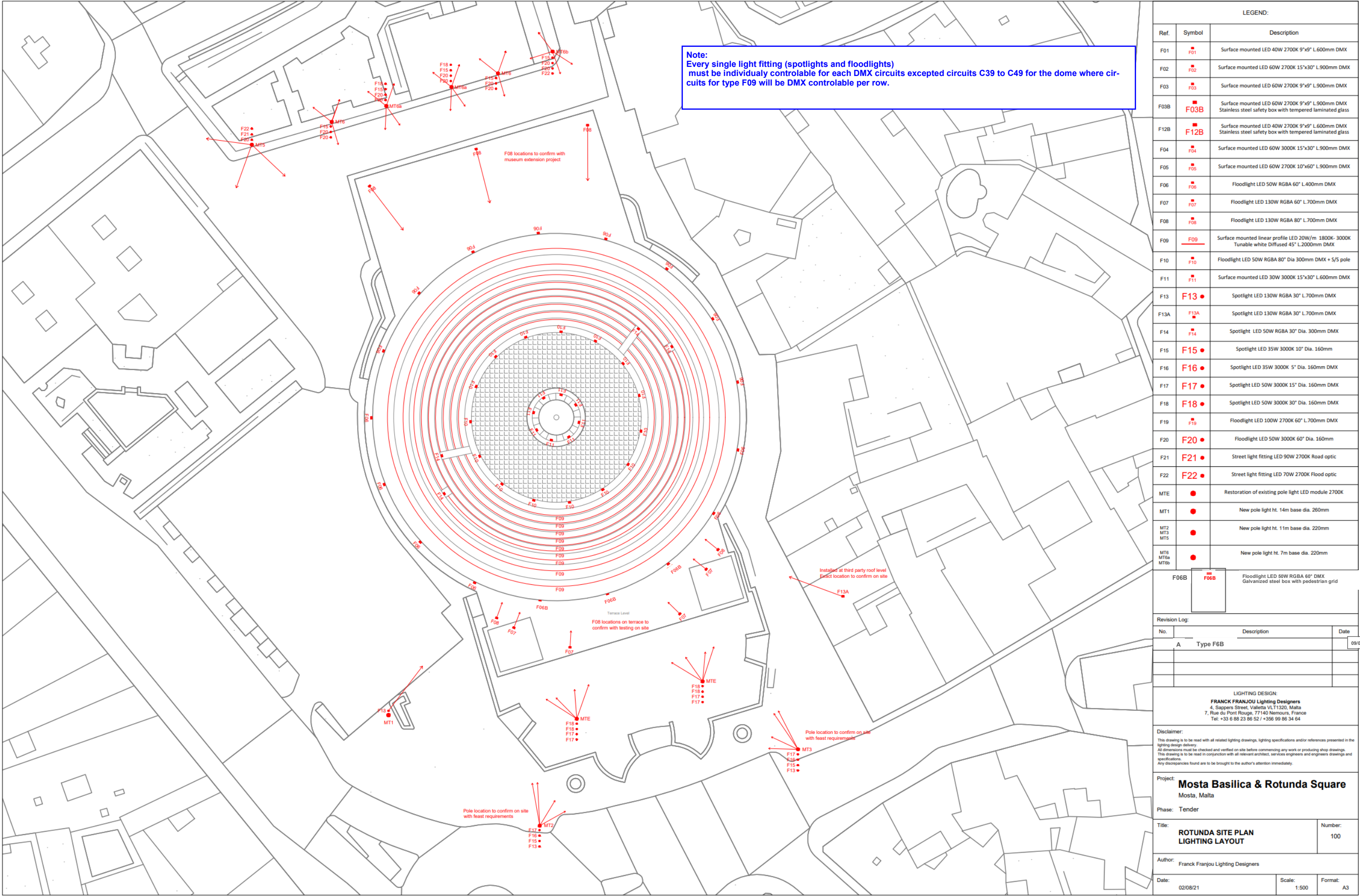
SARL au capital de 150.000EUR RCS MELUN 492 623 103 APE 742C TVA INTRA FR19492623103
7 rue du Pont Rouge F-77140 NEMOURS Tel: 33 1 64 29 42 57 f.franjou@wanadoo.fr www.franckfranjou.com

MOSTA BASILICA SQUARE

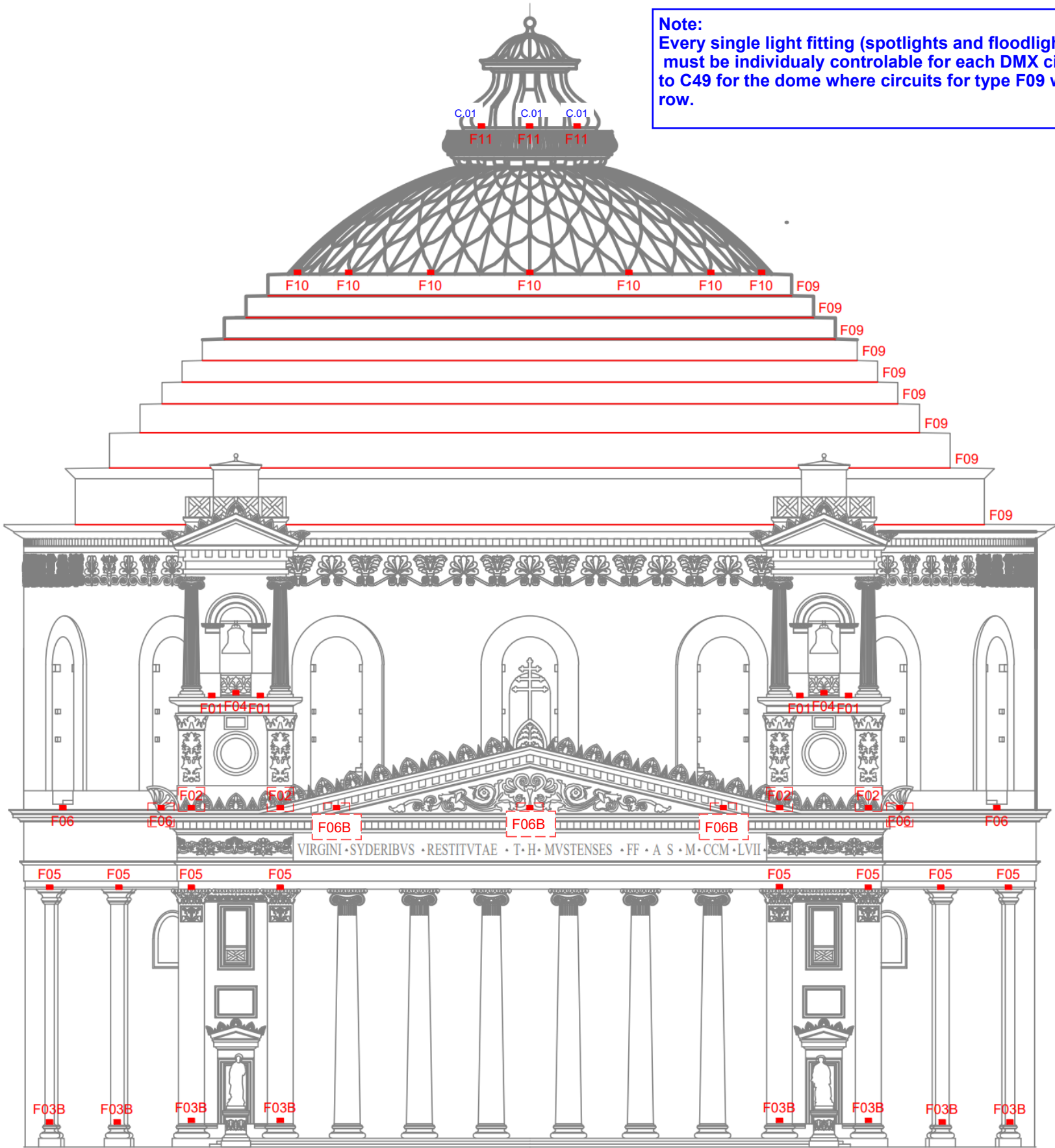
ARCHITECTURAL LIGHTING DESIGN

LIGHTING LAY-OUT
DETAILS OF INSTALLATION
2021/08/27
TENDER PHASE



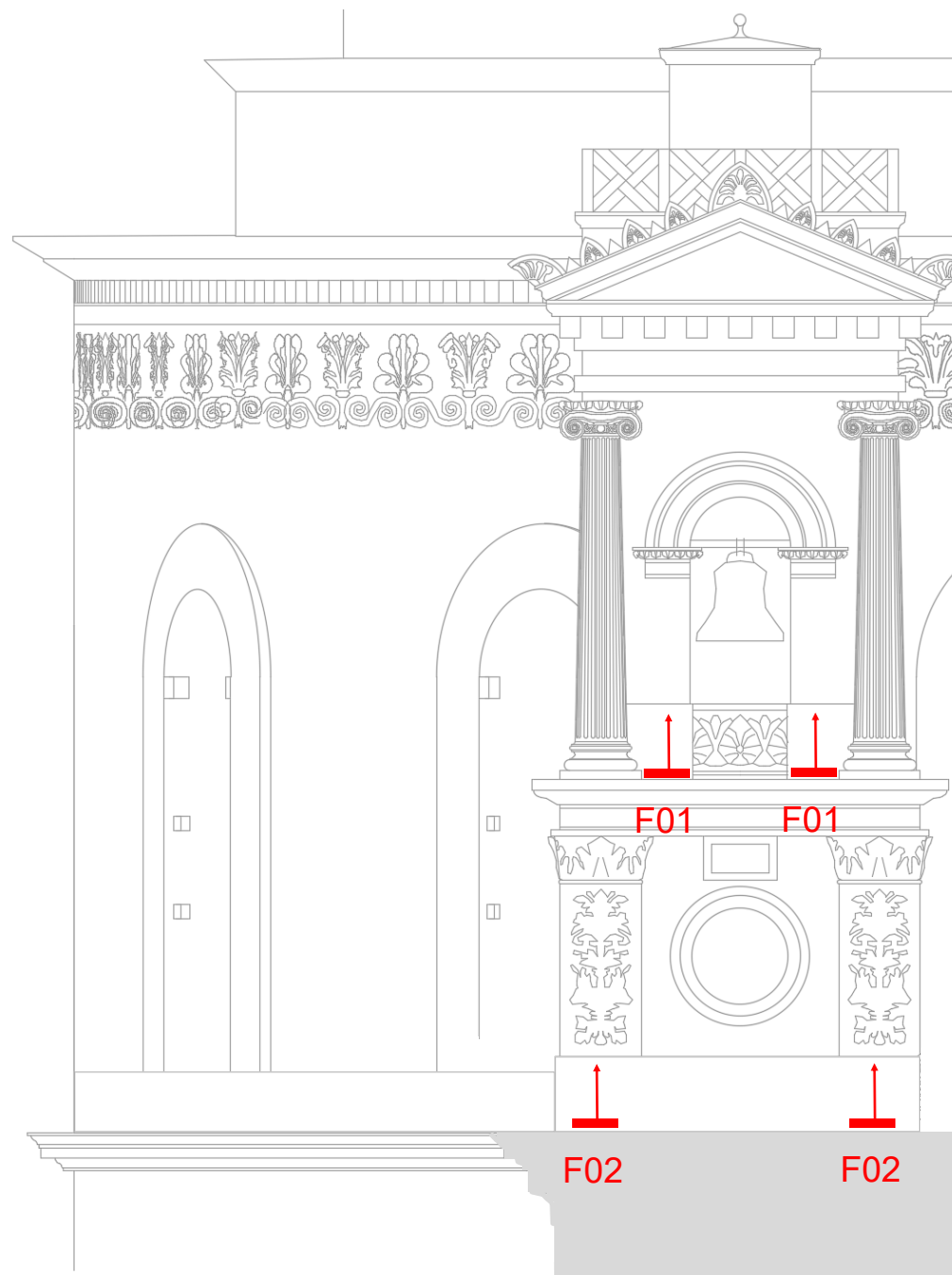


LEGEND:		
Ref.	Symbol	Description
F01		Surface mounted LED 40W 2700K 9"x9" L.600mm DMX
F02		Surface mounted LED 60W 2700K 15"x30" L.900mm DMX
F03		Surface mounted LED 60W 2700K 9"x9" L.900mm DMX
F03B		Surface mounted LED 60W 2700K 9"x9" L.900mm DMX Stainless steel safety box with tempered laminated glass
F12B		Surface mounted LED 40W 2700K 9"x9" L.600mm DMX Stainless steel safety box with tempered laminated glass
F04		Surface mounted LED 60W 3000K 15"x30" L.900mm DMX
F05		Surface mounted LED 60W 2700K 10"x60" L.900mm DMX
F06		Floodlight LED 50W RGBA 60° L.400mm DMX
F07		Floodlight LED 130W RGBA 60° L.700mm DMX
F08		Floodlight LED 130W RGBA 80° L.700mm DMX
F09		Surface mounted linear profile LED 20W/m 1800K- 3000K Tunable white Diffused 45° L.2000mm DMX
F10		Floodlight LED 50W RGBA 80° Dia 300mm DMX + 5/5 pole
F11		Surface mounted LED 30W 3000K 15"x30" L.600mm DMX
F13		Spotlight LED 130W RGBA 30° L.700mm DMX
F13A		Spotlight LED 130W RGBA 30° L.700mm DMX
F14		Spotlight LED 50W RGBA 30° Dia. 300mm DMX
F15		Spotlight LED 35W 3000K 10° Dia. 160mm
F16		Spotlight LED 35W 3000K 5° Dia. 160mm DMX
F17		Spotlight LED 50W 3000K 15° Dia. 160mm DMX
F18		Spotlight LED 50W 3000K 30° Dia. 160mm DMX
F19		Floodlight LED 100W 2700K 60° Dia. L.700mm DMX
F20		Floodlight LED 50W 3000K 60° Dia. 160mm
F21		Street light fitting LED 90W 2700K Road optic
F22		Street light fitting LED 70W 2700K Flood optic
MTE		Restoration of existing pole light LED module 2700K
MT1		New pole light ht. 14m base dia. 280mm
MT2 MT3 MT5		New pole light ht. 11m base dia. 220mm
MT6 MT6a MT6b		New pole light ht. 7m base dia. 220mm
F06B		Floodlight LED 50W RGBA 60° DMX Galvanized steel box with pedestrian grid
Revision Log:		
No.	Description	Date
A	Type F6B	09/08/21
LIGHTING DESIGN:		
FRANCK FRANJOU Lighting Designers 4, Sappers Street, Valletta VLT1320, Malta 7, Rue du Pont Rouge, 77140 Nemours, France Tel: +33 6 88 23 86 52 / +356 99 86 34 64		
Disclaimer: This drawing is to be read with all related lighting drawings, lighting specifications and/or references presented in the lighting design delivery. All dimensions must be checked and verified on site before commencing any work or producing shop drawings. This drawing is to be read in conjunction with all relevant architect, services engineers and engineers drawings and specifications. Any discrepancies found are to be brought to the author's attention immediately.		
Project: Mosta Basilica & Rotunda Square Mosta, Malta		
Phase: Tender		
Title: ROTUNDA SITE PLAN LIGHTING LAYOUT		Number: 100
Author: Franck Franjou Lighting Designers		
Date: 02/08/21	Scale: 1:500	Format: A3

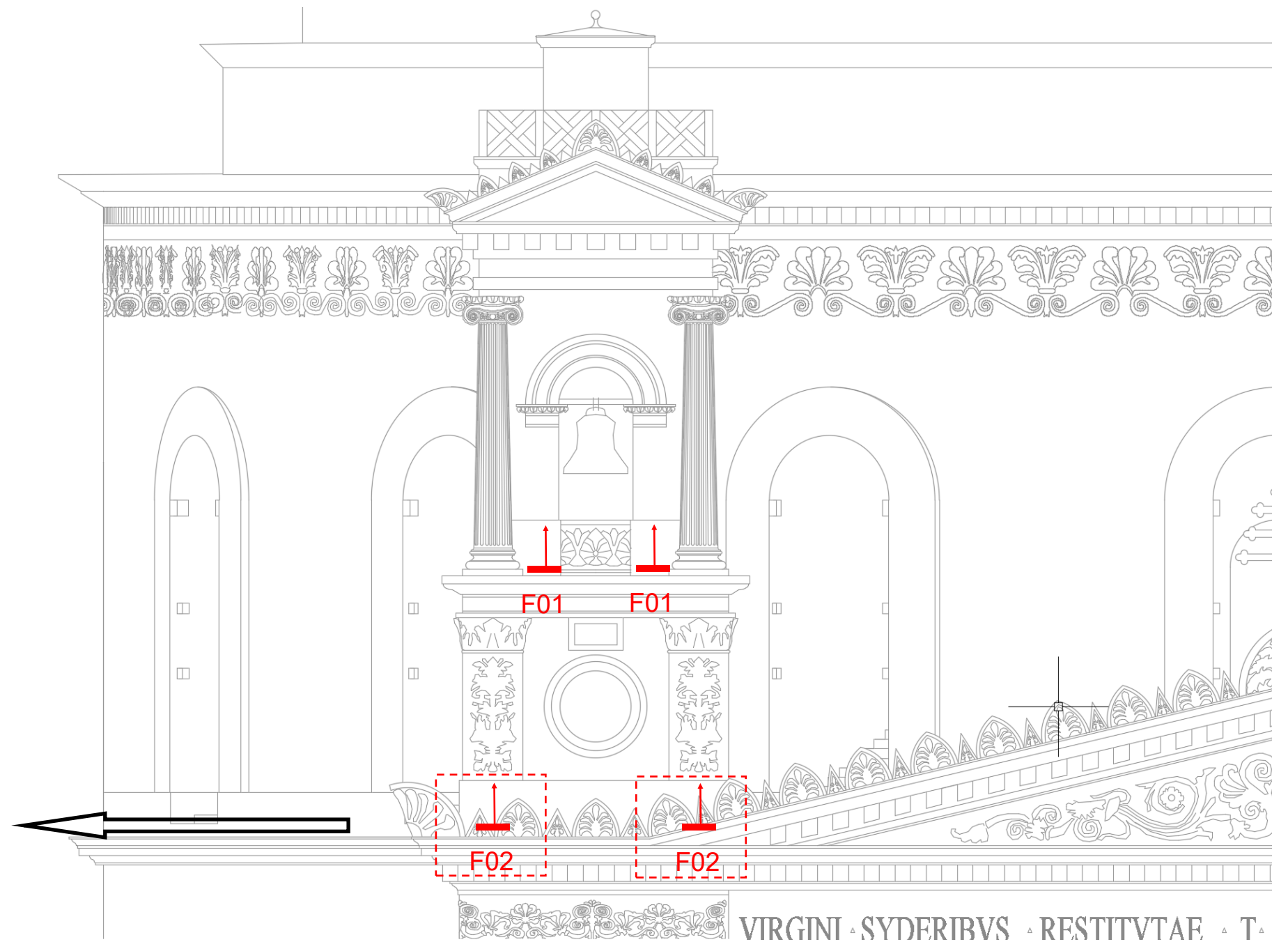


Note:
Every single light fitting (spotlights and floodlights)
must be individually controllable for each DMX circuits excepted circuits C39
to C49 for the dome where circuits for type F09 will be DMX controllable per
row.

LEGEND:		
Ref.	Symbol	Description
F01		Surface mounted LED 40W 2700K 9"x9" L.600mm DMX
F02		Surface mounted LED 60W 2700K 15"x30" L.900mm DMX
F03		Surface mounted LED 60W 2700K 9"x9" L.900mm DMX
F03B		Surface mounted LED 60W 2700K 9"x9" L.900mm DMX Stainless steel safety box with tempered laminated glass
F12B		Surface mounted LED 40W 2700K 9"x9" L.600mm DMX Stainless steel safety box with tempered laminated glass
F04		Surface mounted LED 60W 3000K 15"x30" L.900mm DMX
F05		Surface mounted LED 60W 2700K 10"x60" L.900mm DMX
F06		Floodlight LED 50W RGB 60" L.400mm DMX
F07		Floodlight LED 130W RGB 60" L.700mm DMX
F08		Floodlight LED 130W RGB 80" L.700mm DMX
F09		Surface mounted linear profile LED 20W/m 1800K- 3000K Tunable white Diffused 45" L.2000mm DMX
F10		Floodlight LED 50W RGB 80" Dia 300mm DMX + S/S pole
F11		Surface mounted LED 30W 3000K 15"x30" L.600mm DMX
F13		Spotlight LED 130W RGB 30" L.700mm DMX
F13A		Spotlight LED 130W RGB 30" L.700mm DMX
F14		Spotlight LED 50W RGB 30" Dia. 300mm DMX
F15		Spotlight LED 35W 3000K 10" Dia. 160mm
F16		Spotlight LED 35W 3000K 5" Dia. 160mm DMX
F17		Spotlight LED 50W 3000K 15" Dia. 160mm DMX
F18		Spotlight LED 50W 3000K 30" Dia. 160mm DMX
F19		Floodlight LED 100W 2700K 60" L.700mm DMX
F20		Floodlight LED 50W 3000K 60" Dia. 160mm
F21		Street light fitting LED 90W 2700K Road optic
F22		Street light fitting LED 70W 2700K Flood optic
MTE		Restoration of existing pole light LED module 2700K
MT1		New pole light ht. 14m base dia. 260mm
MT2 MT3 MT5		New pole light ht. 11m base dia. 220mm
MT6 MT6a MT6b		New pole light ht. 7m base dia. 220mm
<div><div></div><div>Indicates that the fitting's true positioning is concealed in elevation due to architectural elements</div></div> <div> F06B Floodlight LED 50W RGB 60" DMX Galvanized steel box with pedestrian grid</div>		
Revision Log:		
No.	Description	Date
A	Type F6B	09/08/21
LIGHTING DESIGN: FRANCK FRANJOU Lighting Designers 4, Sappers Street, Valletta VLT1320, Malta 7, Rue du Pont Rouge, 77140 Nemours, France Tel: +33 6 88 23 86 52 / +356 99 86 34 64		
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Project: Mosta Basilica & Rotunda Square Mosta, Malta		
Phase: Tender		
Title: BASILICA FRONT ELEVATION LIGHTING LAYOUT		Number: 200
Author: Franck Franjou Lighting Designers		
Date: 02/08/21	Scale: 1:250	Format: A3

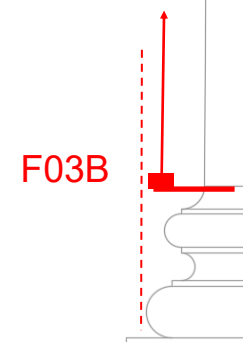


SECTION



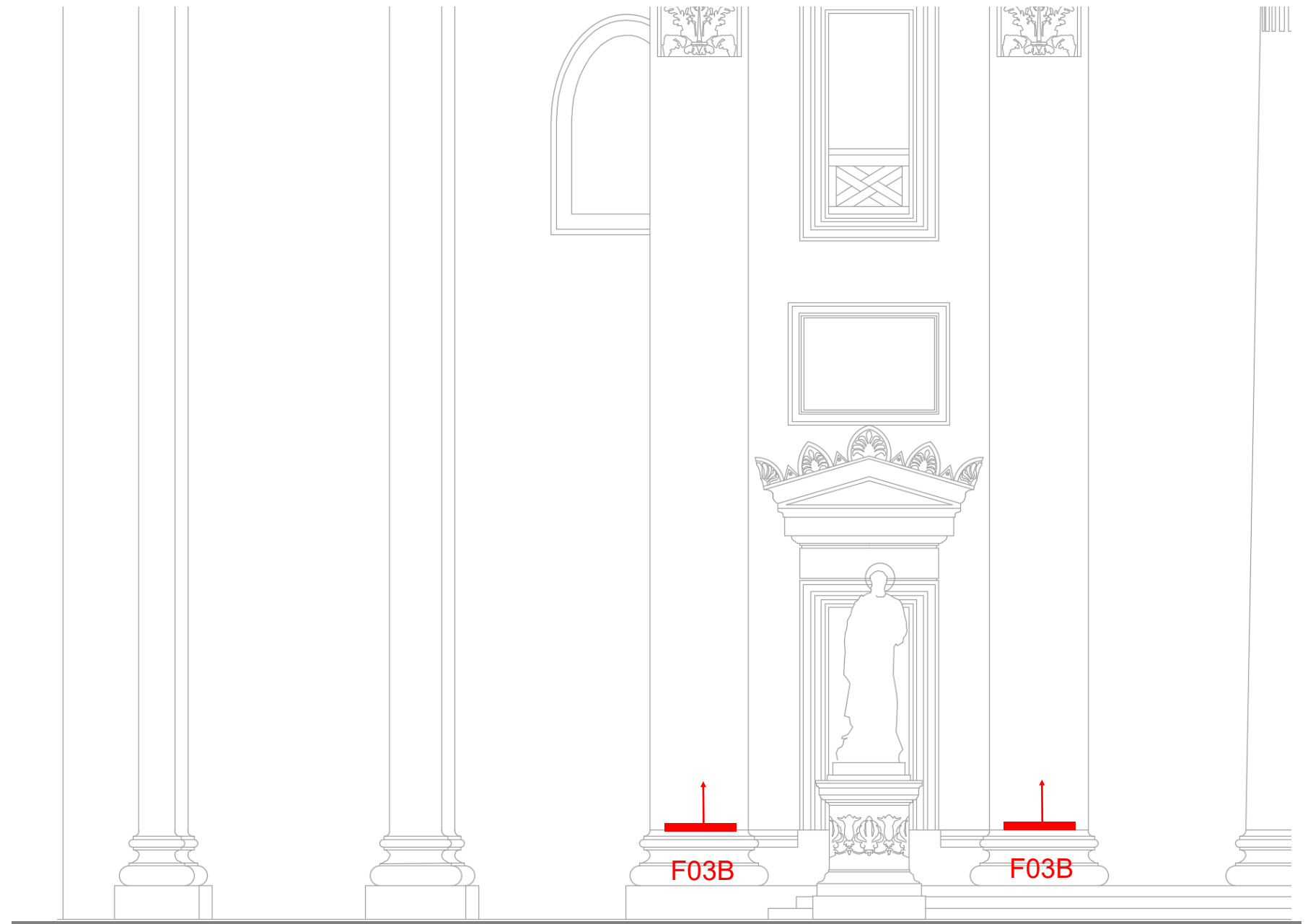
ELEVATION

TYPE F01 - F02
SURFACE MOUNTED ADJUSTABLE LINEAR LIGHT FITTING
 Remote IP65 DMX Datasupply/controler



F03B

SECTION



ELEVATION

TYPE F03B
 SURFACE MOUNTED ADJUSTABLE LINEAR LIGHT FITTING IN BOX
 Remote IP65 DMX Datasupply/controler

TYPE F03B
SURFACE MOUNTED ADJUSTABLE LINEAR LIGHT FITTING IN BOX
Remote IP65 DMX Datasupply/controler

Distance from wall to confirm during on site test

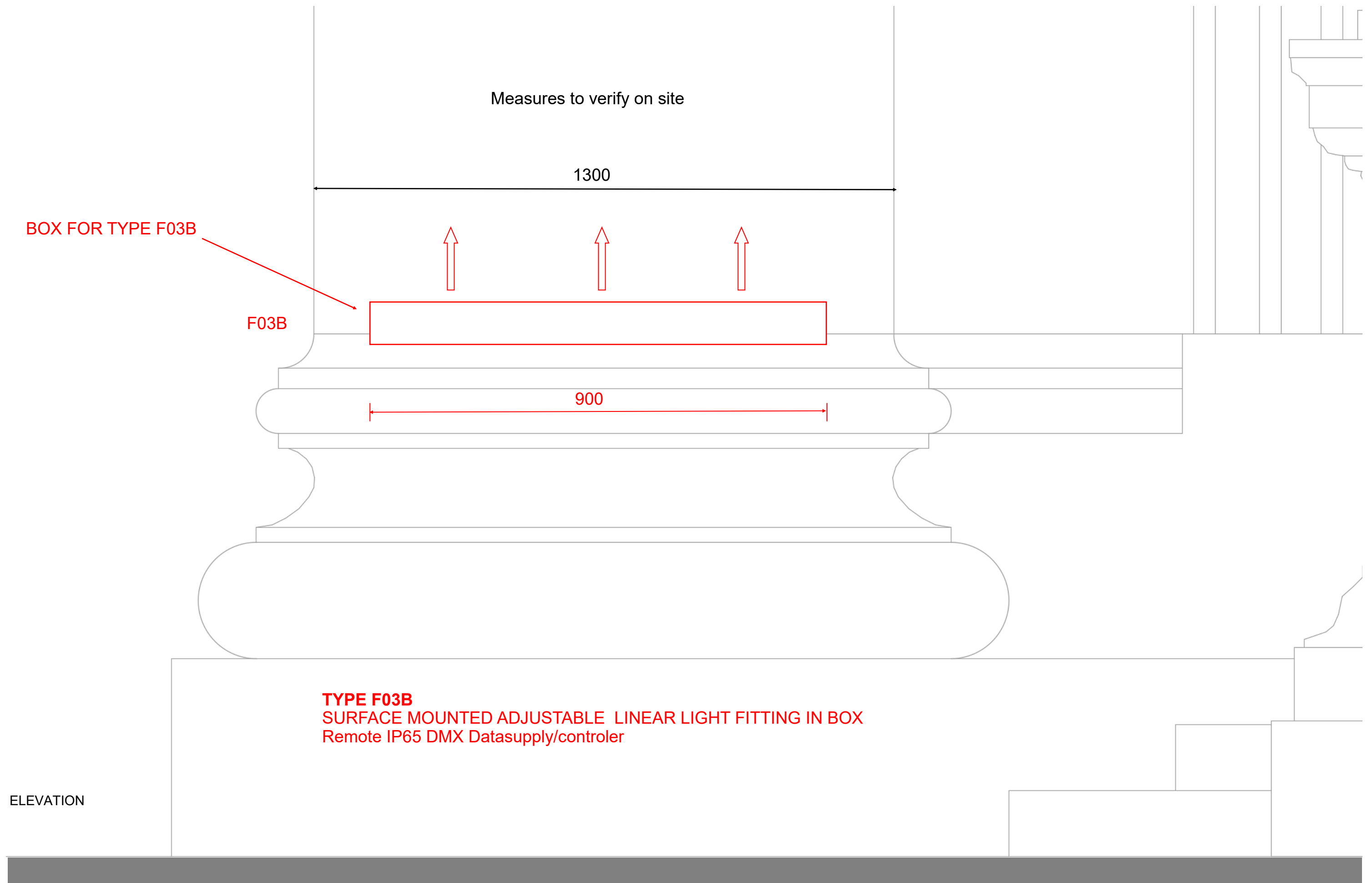
F03B

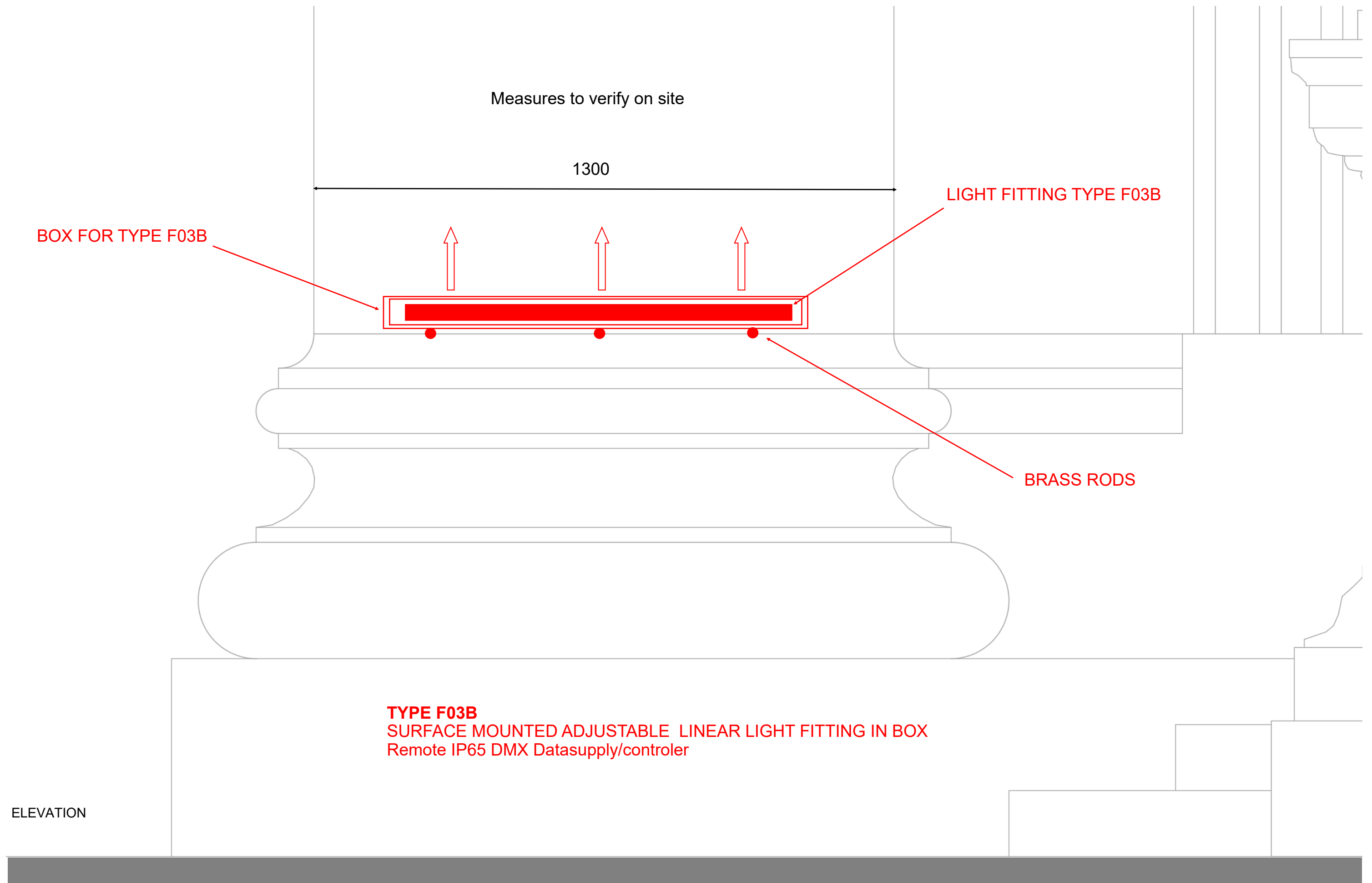
RODS (QT.3 FOR EACH F03)
Brass rods Dia.15mm L. 500mm for each F03B
Drill into space between courses and fix
with chemical anchor
(USE JIG TO FIX RODS)

SIDE SECTION

F03B

SIDE ELEVATION





Measures to verify on site

1300

BOX FOR TYPE F03B

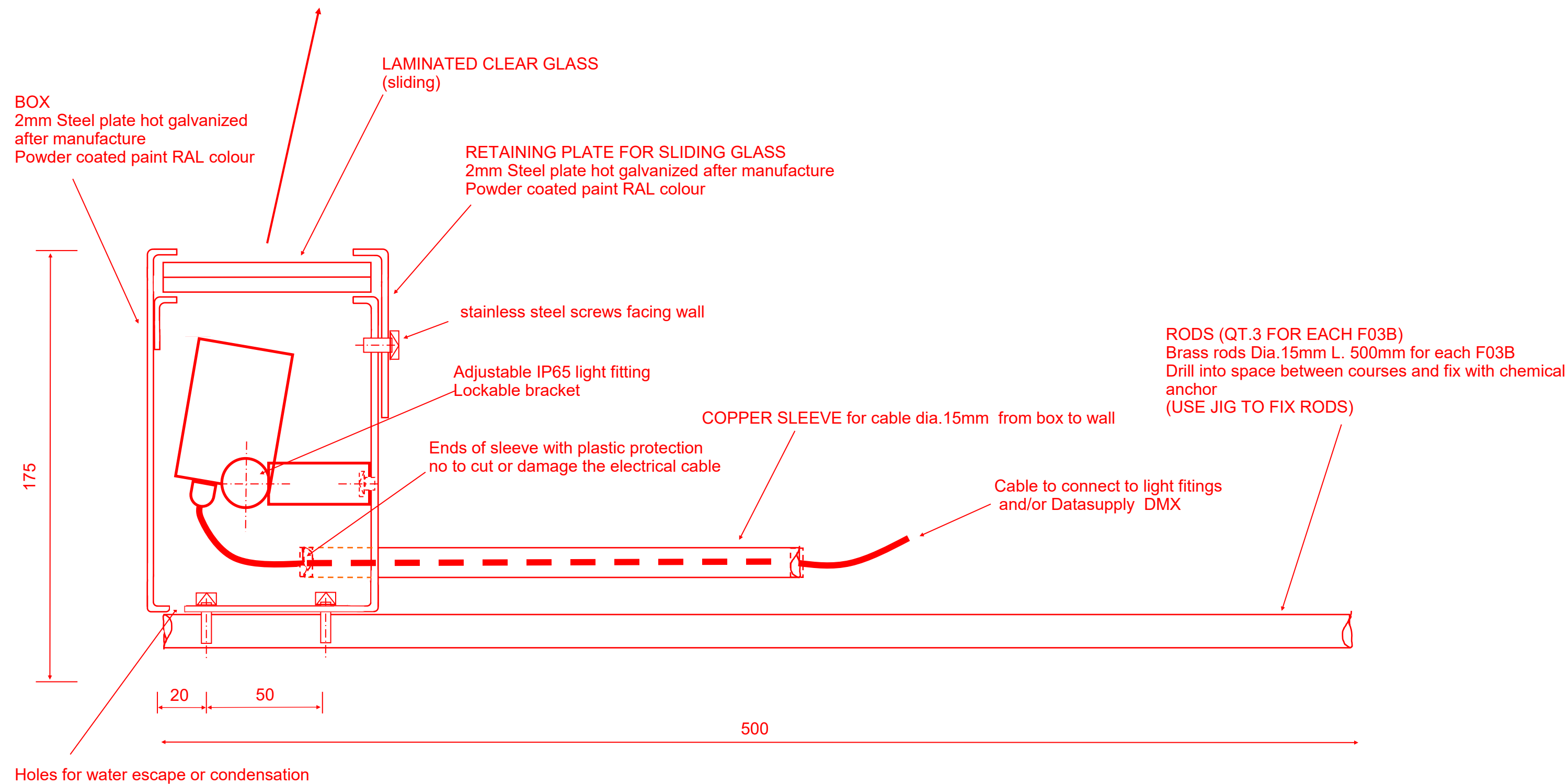
LIGHT FITTING TYPE F03B

BRASS RODS

TYPE F03B
SURFACE MOUNTED ADJUSTABLE LINEAR LIGHT FITTING IN BOX
Remote IP65 DMX Datasupply/controler

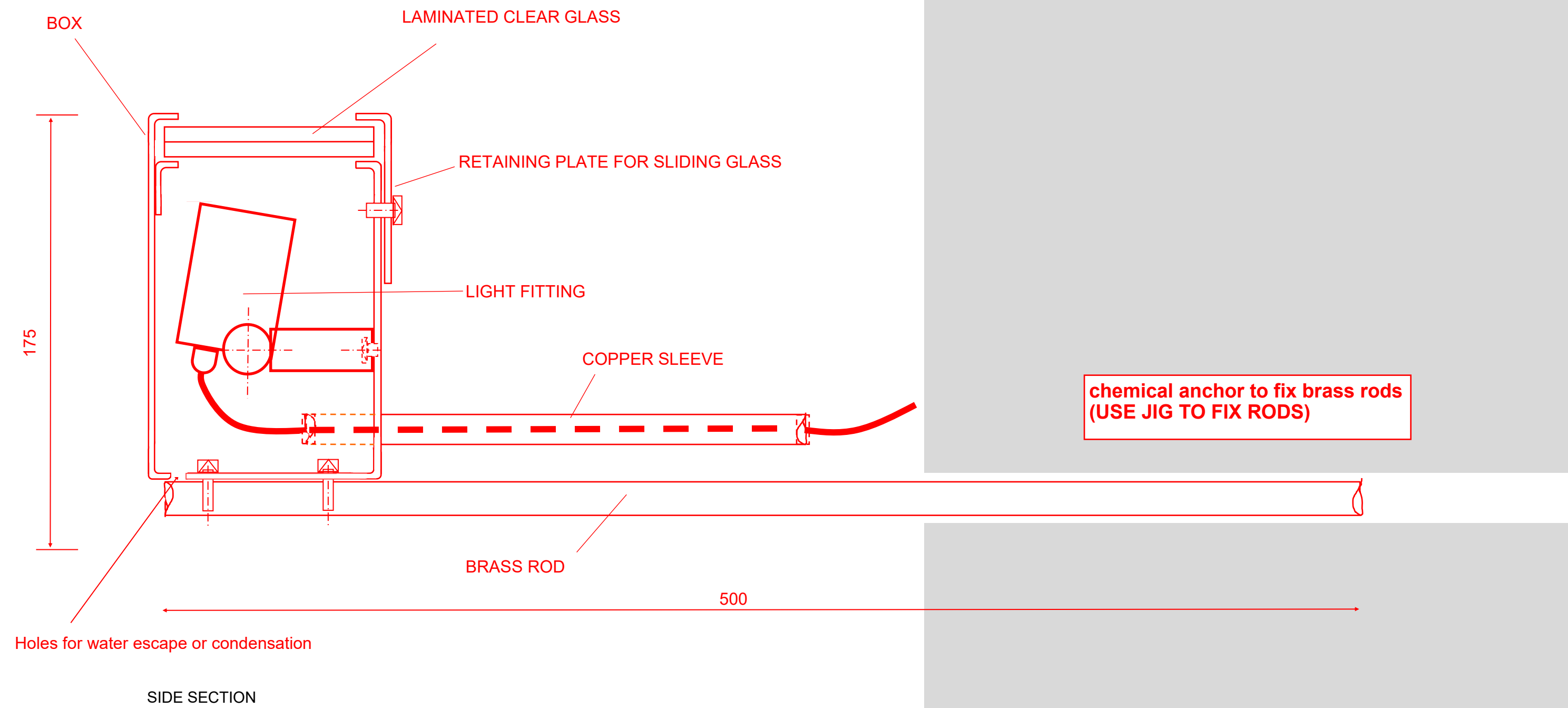
ELEVATION

TYPE F03B
SURFACE MOUNTED LINEAR LIGHT FITTING IN BOX
Remote IP65 DMX Datasupply/controler

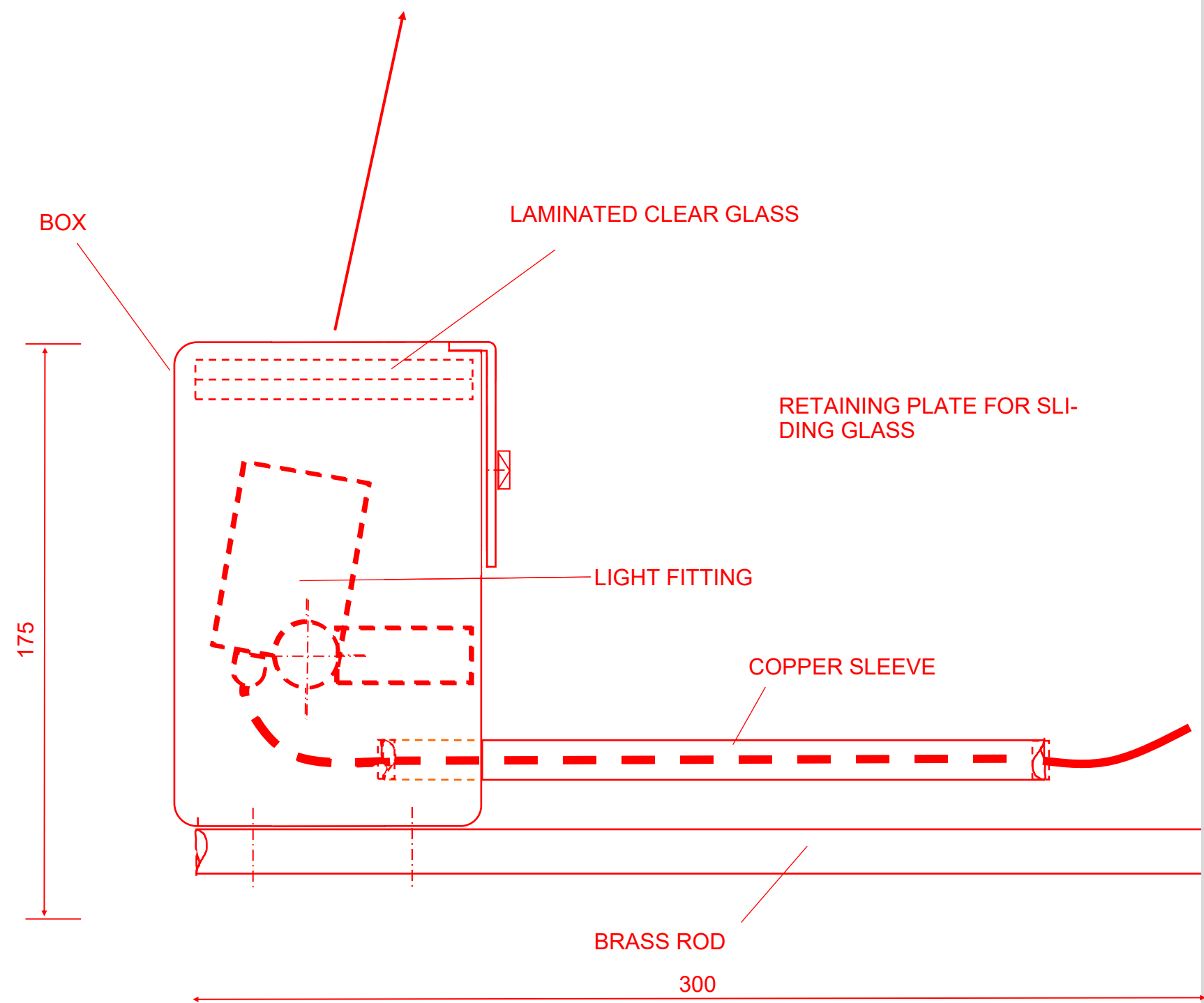


SECTION

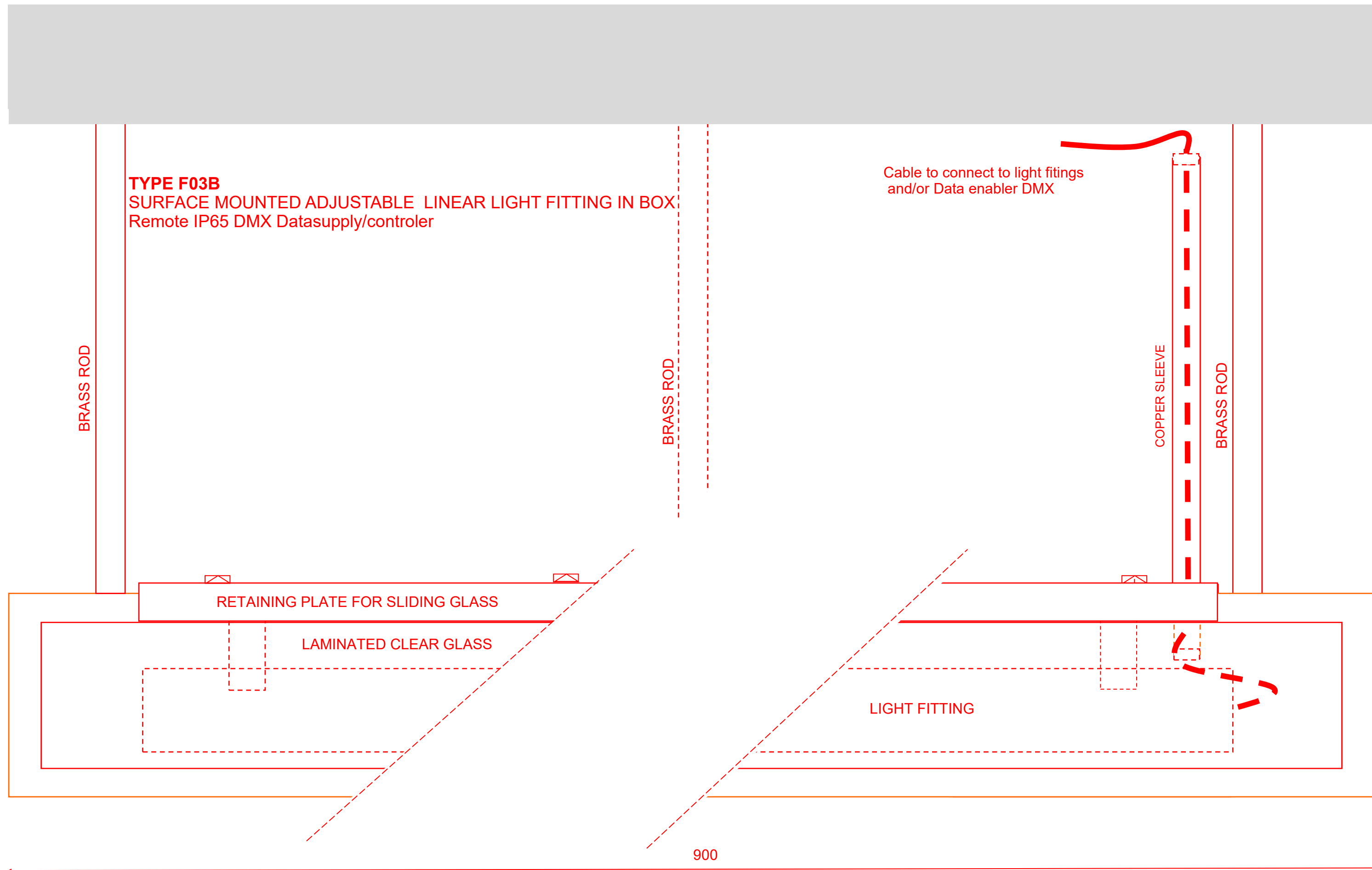
TYPE F03B
SURFACE MOUNTED ADJUSTABLE LINEAR LIGHT FITTING IN BOX
Remote IP65 DMX Datasupply/controler



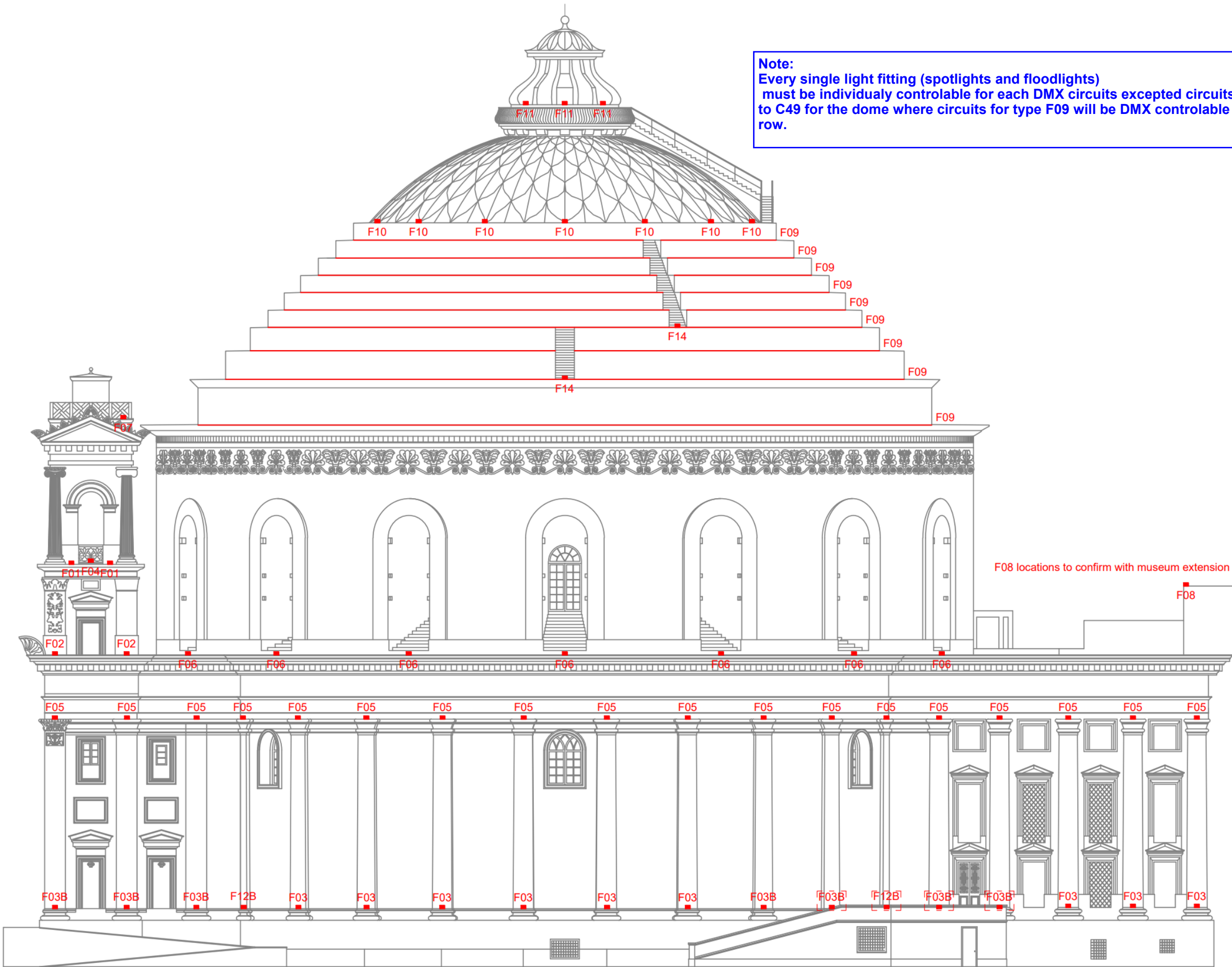
TYPE F03B
SURFACE MOUNTED ADJUSTABLE LINEAR LIGHT FITTING IN BOX
Remote IP65 DMX Datasupply/controler



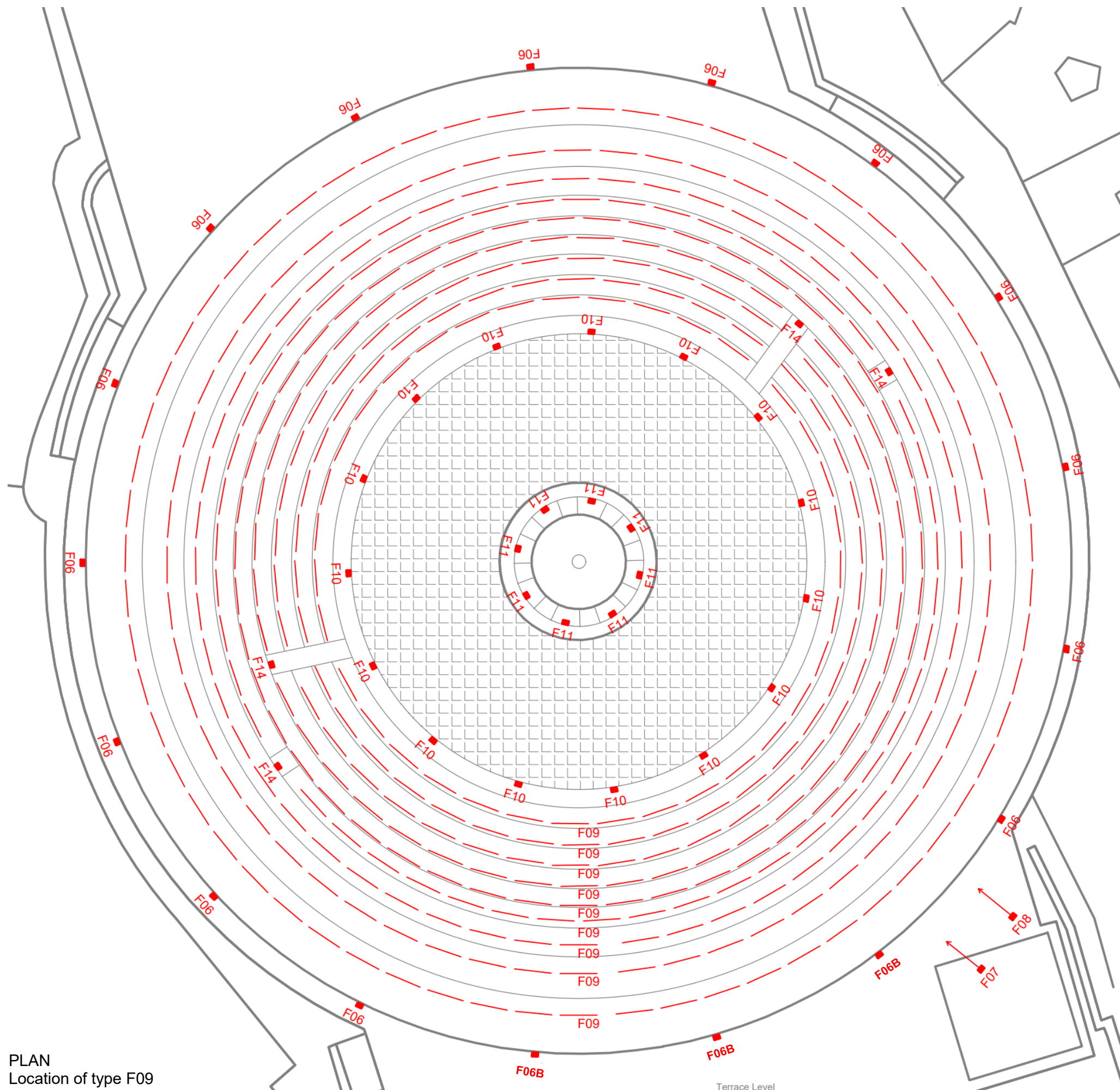
SIDE ELEVATION



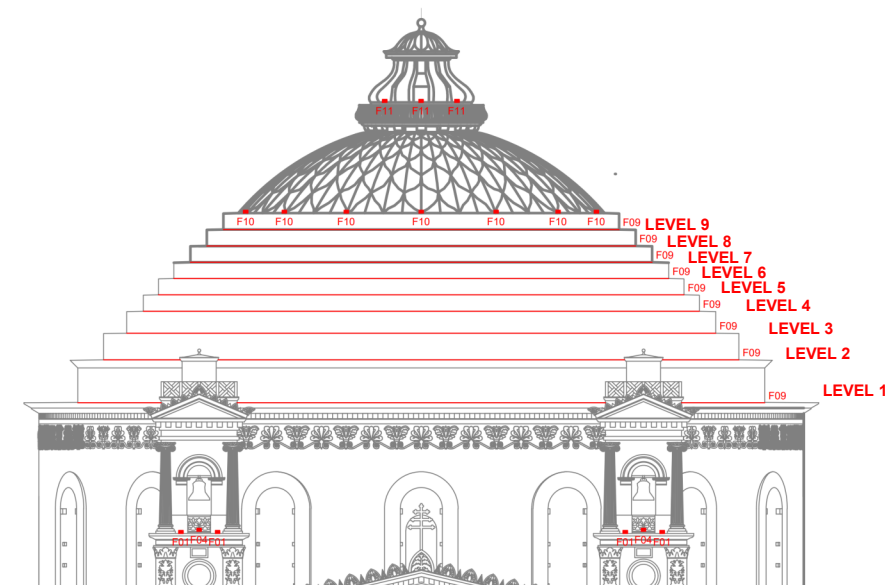
PLAN



LEGEND:		
Ref.	Symbol	Description
F01		Surface mounted LED 40W 2700K 9"x9" L.600mm DMX
F02		Surface mounted LED 60W 2700K 15"x30" L.900mm DMX
F03		Surface mounted LED 60W 2700K 9"x9" L.900mm DMX
F03B		Surface mounted LED 60W 2700K 9"x9" L.900mm DMX Stainless steel safety box with tempered laminated glass
F12B		Surface mounted LED 40W 2700K 9"x9" L.600mm DMX Stainless steel safety box with tempered laminated glass
F04		Surface mounted LED 60W 3000K 15"x30" L.900mm DMX
F05		Surface mounted LED 60W 2700K 10"x60" L.900mm DMX
F06		Floodlight LED 50W RGBA 60" L.400mm DMX
F07		Floodlight LED 130W RGBA 60" L.700mm DMX
F08		Floodlight LED 130W RGBA 80" L.700mm DMX
F09		Surface mounted linear profile LED 20W/m 1800K- 3000K Tunable white Diffused 45" L.2000mm DMX
F10		Floodlight LED 50W RGBA 80" Dia 300mm DMX + 5/5 pole
F11		Surface mounted LED 30W 3000K 15"x30" L.600mm DMX
F13		Spotlight LED 130W RGBA 30" L.700mm DMX
F13A		Spotlight LED 130W RGBA 30" L.700mm DMX
F14		Spotlight LED 50W RGBA 30" Dia. 300mm DMX
F15		Spotlight LED 35W 3000K 10" Dia. 160mm
F16		Spotlight LED 35W 3000K 5" Dia. 160mm DMX
F17		Spotlight LED 50W 3000K 15" Dia. 160mm DMX
F18		Spotlight LED 50W 3000K 30" Dia. 160mm DMX
F19		Floodlight LED 100W 2700K 60" L.700mm DMX
F20		Floodlight LED 50W 3000K 60" Dia. 160mm
F21		Street light fitting LED 90W 2700K Road optic
F22		Street light fitting LED 70W 2700K Flood optic
MTE		Restoration of existing pole light LED module 2700K
MT1		New pole light ht. 14m base dia. 260mm
MT2 MT3 MT5		New pole light ht. 11m base dia. 220mm
MT6 MT8a MT8b		New pole light ht. 7m base dia. 220mm
Indicates that the fitting's true positioning is concealed in elevation due to architectural elements		
Revision Log:		
No.	Description	Date
LIGHTING DESIGN: FRANCK FRANJOU Lighting Designers 4, Sappena Street, Valletta VLT11320, Malta 7, Rue du Pont Rouge, 77140 Nemours, France Tel: +33 6 88 23 86 52 / +356 99 86 34 64		
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Project: Mosta Basilica & Rotonda Square Mosta, Malta		
Phase: Tender		
Title: BASILICA EAST ELEVATION LIGHTING LAYOUT		Number: 201
Author: Franck Franjou Lighting Designers		
Date: 02/08/21	Scale: 1:250	Format: A3



PLAN
Location of type F09



ELEVATION
Levels

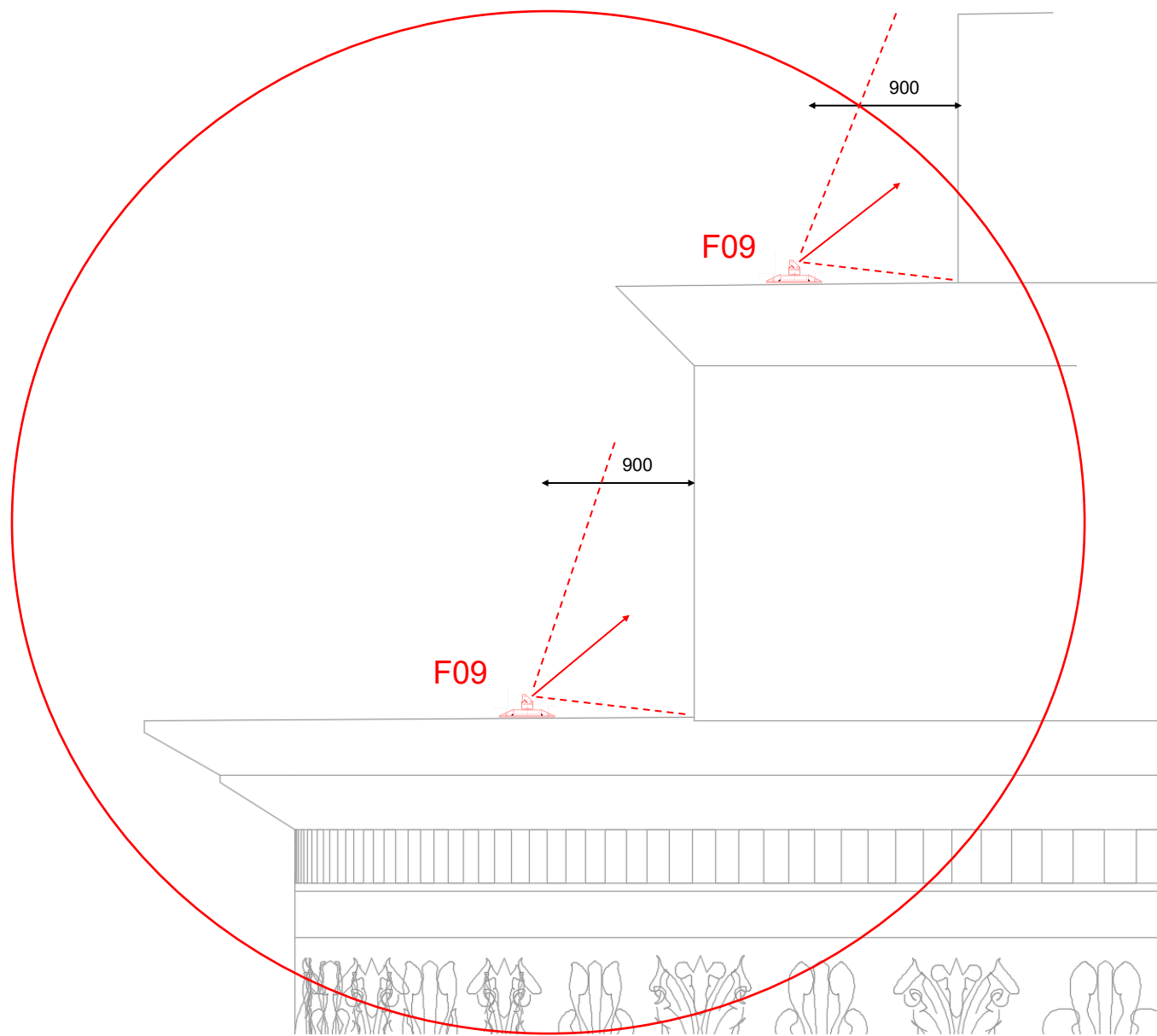
TYPE F09
SURFACE MOUNTED LINEAR LIGHT FITTING
LENGHT: 2m
Fixing Quantity : 3 for each 2 meter linear LED profile
Remote IP65 Driver
Remote IP65 DMX controller

Note:
Circuits C39 to C49 for type F09 will be DMX controlable per row.

QUANTITY PER LEVEL

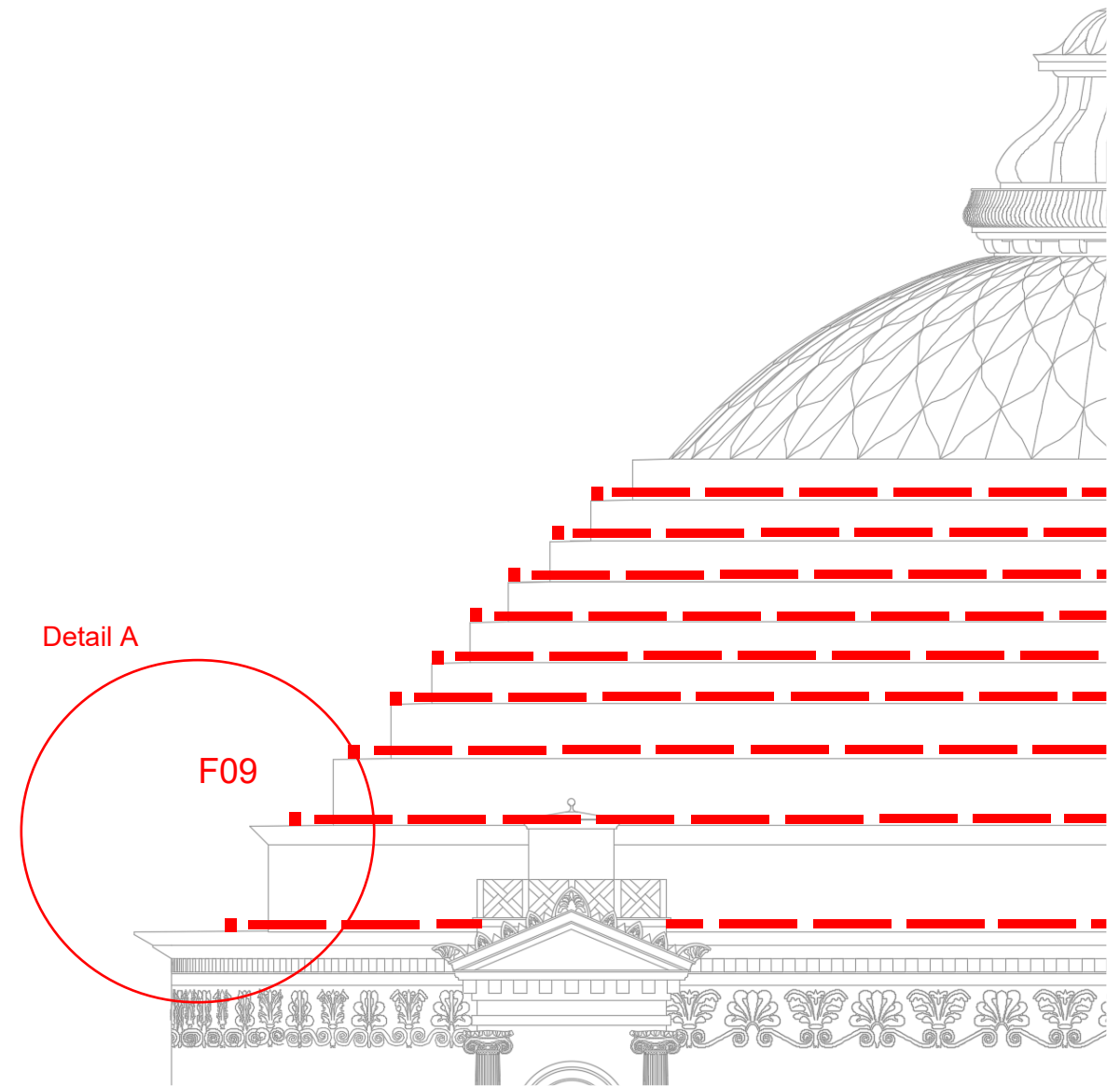
- Level 2:** 56x F09 - 14x transformer - 14x DMX controller
- Level 3:** 52x F09 - 13x transformer - 13x DMX controller
- Level 4:** 47x F09 - 12x transformer - 12x DMX controller
- Level 5:** 47x F09 - 11x transformer - 11x DMX controller
- Level 6:** 43x F09 - 11x transformer - 11x DMX controller
- Level 7:** 40x F09 - 10x transformer - 10x DMX controller
- Level 8:** 38x F09 - 9x transformer - 9x DMX controller
- Level 9:** 35x F09 - 9x transformer - 9x DMX controller

Note:
The quantities of transformers and DMX controllers are given for a guide, it is the responsibility of the tenderers to confirm the quantities according to the types of transformers/controller and section of cables they will use.
Optimization of quantities of transformers and DMX controllers is desired.



ELEVATION

Detail A



Detail A

F09

ELEVATION

TYPE F09

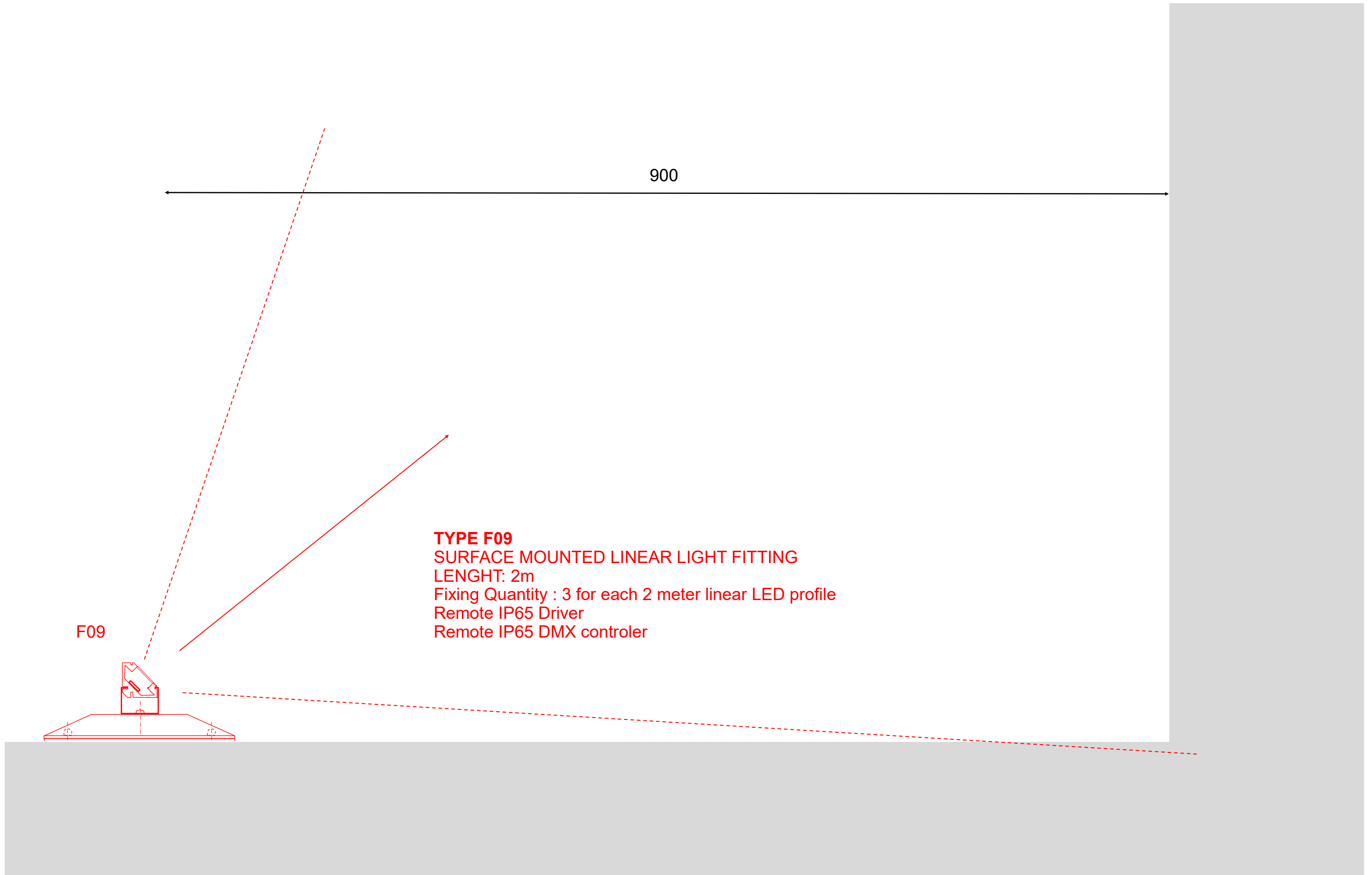
SURFACE MOUNTED LINEAR LIGHT FITTING

LENGTH: 2m

Fixing Quantity : 3 for each 2 meter linear LED profile

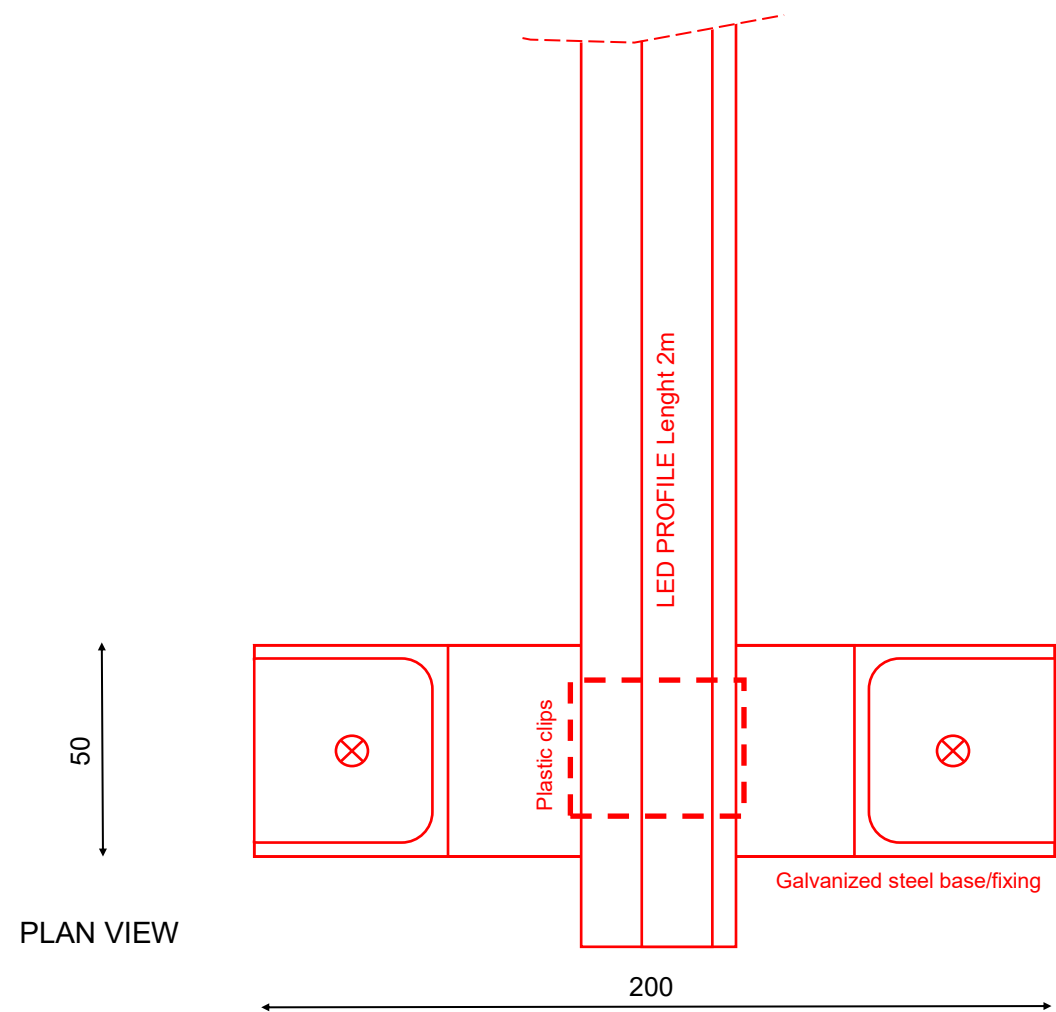
Remote IP65 Driver

Remote IP65 DMX controller

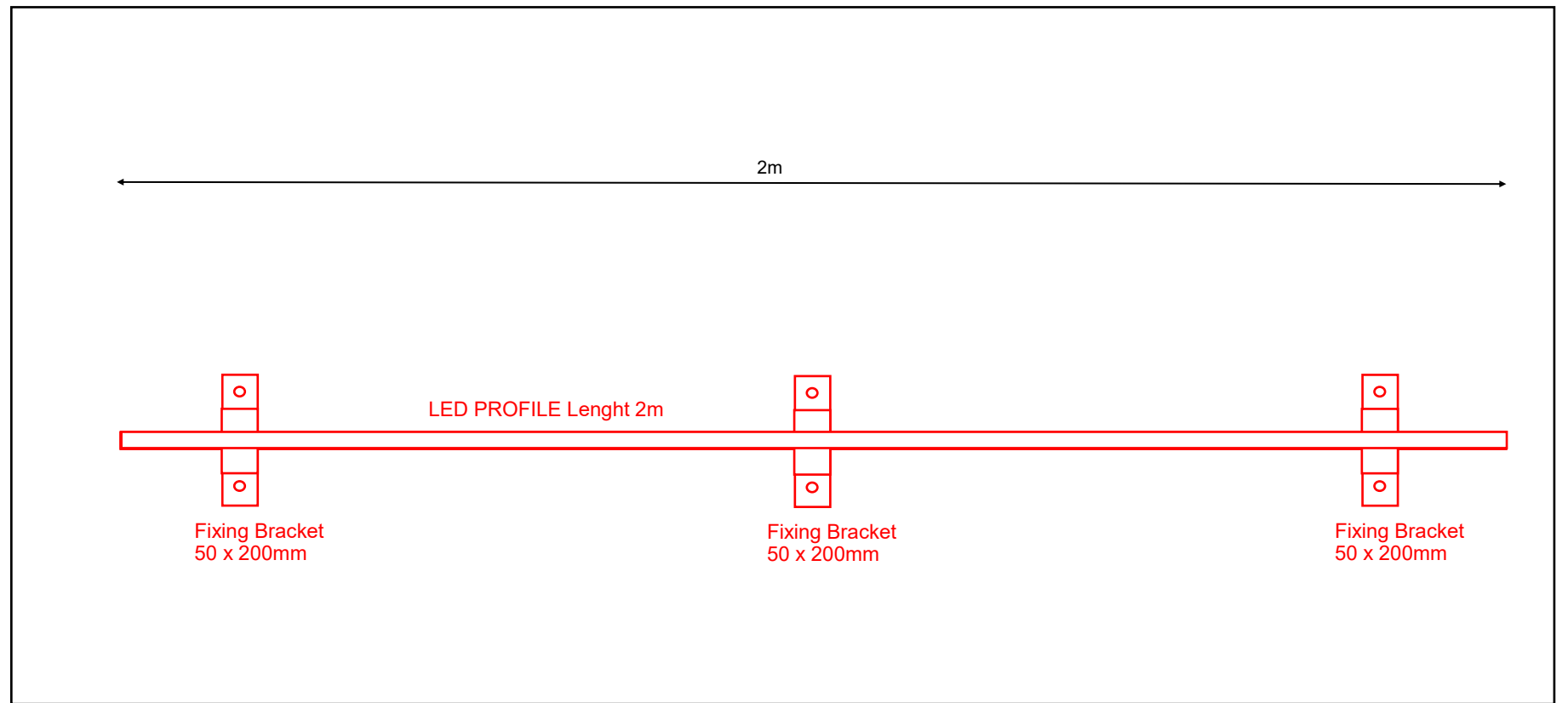


TYPE F09
SURFACE MOUNTED LINEAR LIGHT FITTING
LENGHT: 2m
Fixing Quantity : 3 for each 2 meter linear LED profile
Remote IP65 Driver
Remote IP65 DMX controler

SECTION

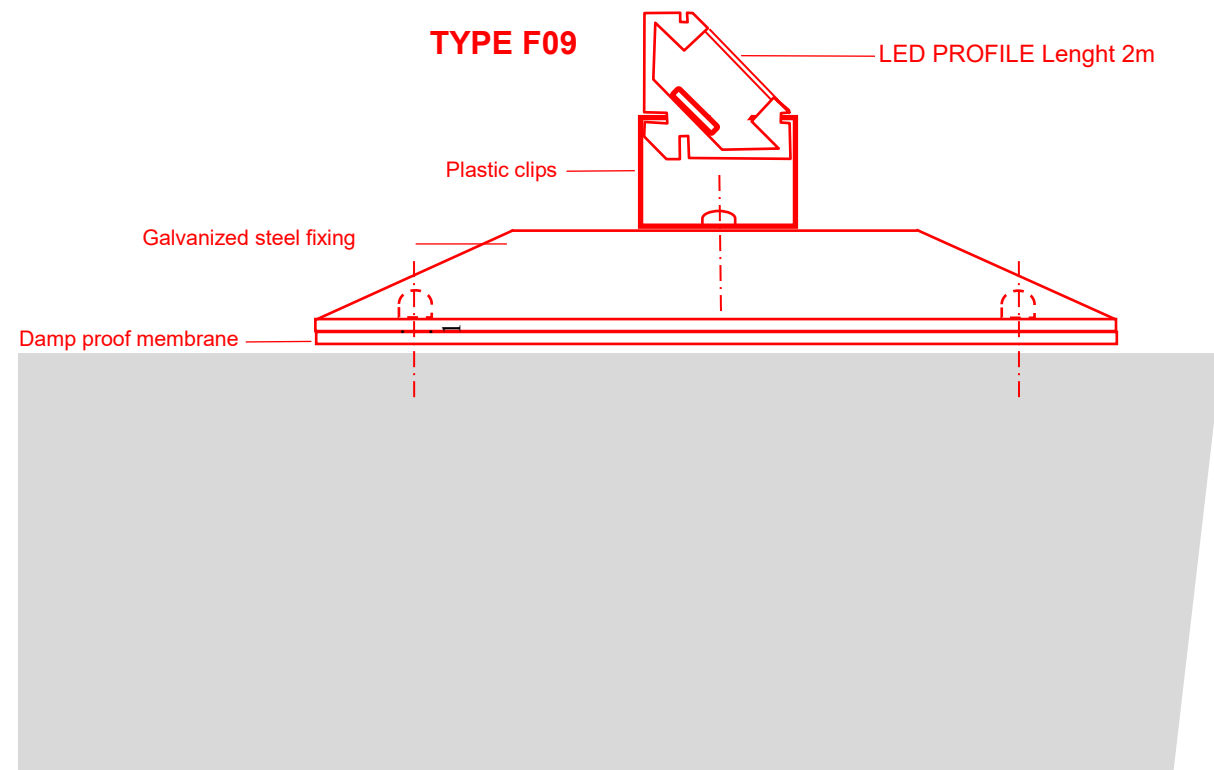


PLAN VIEW

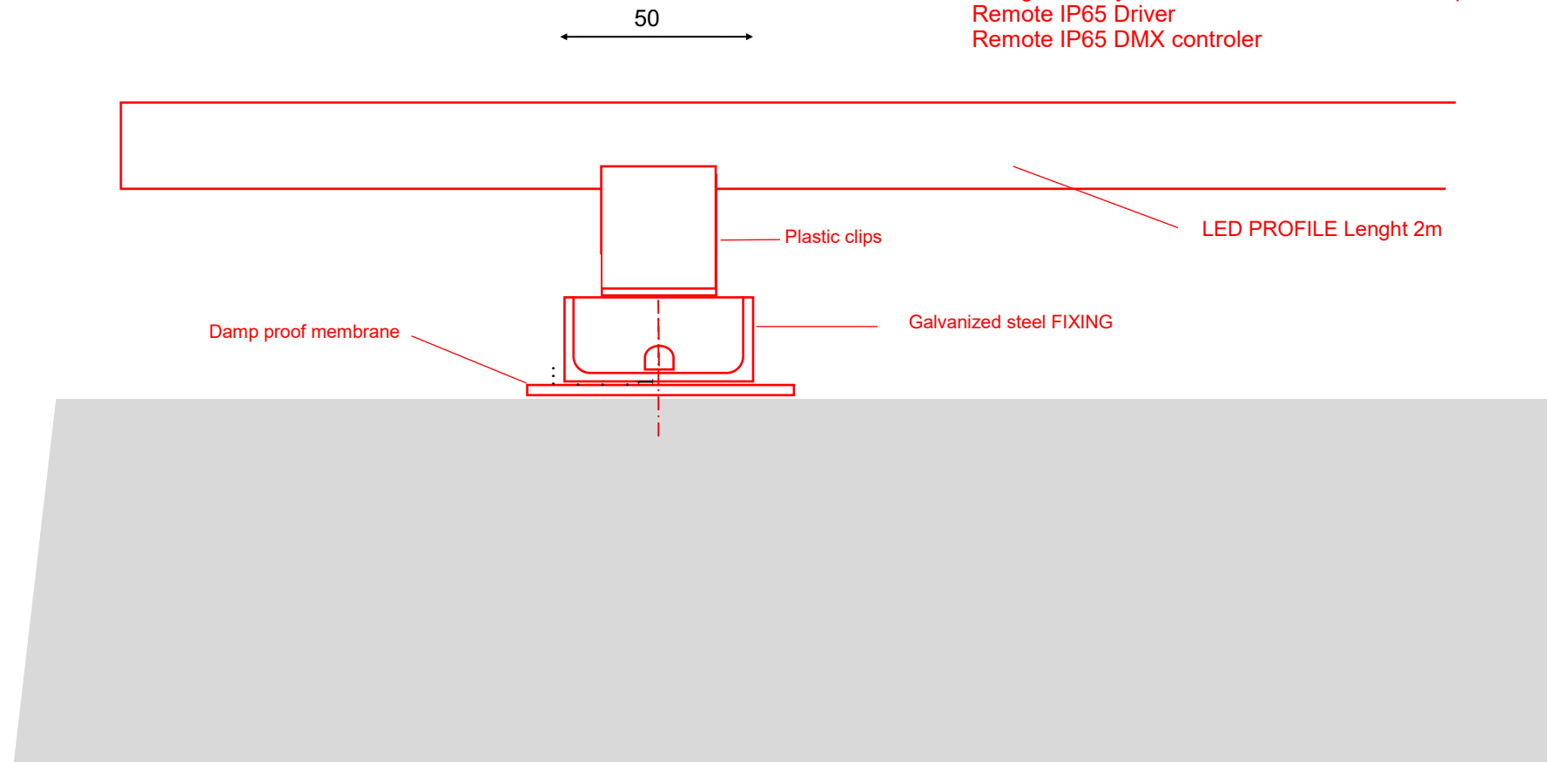


PLAN VIEW OF A FULL LED PROFILE TYPE F09 L.2m

TYPE F09
 SURFACE MOUNTED LINEAR LIGHT FITTING
 LENGTH: 2m
 Fixing Quantity : 3 for each 2 meter linear LED profile
 Remote IP65 Driver
 Remote IP65 DMX controler

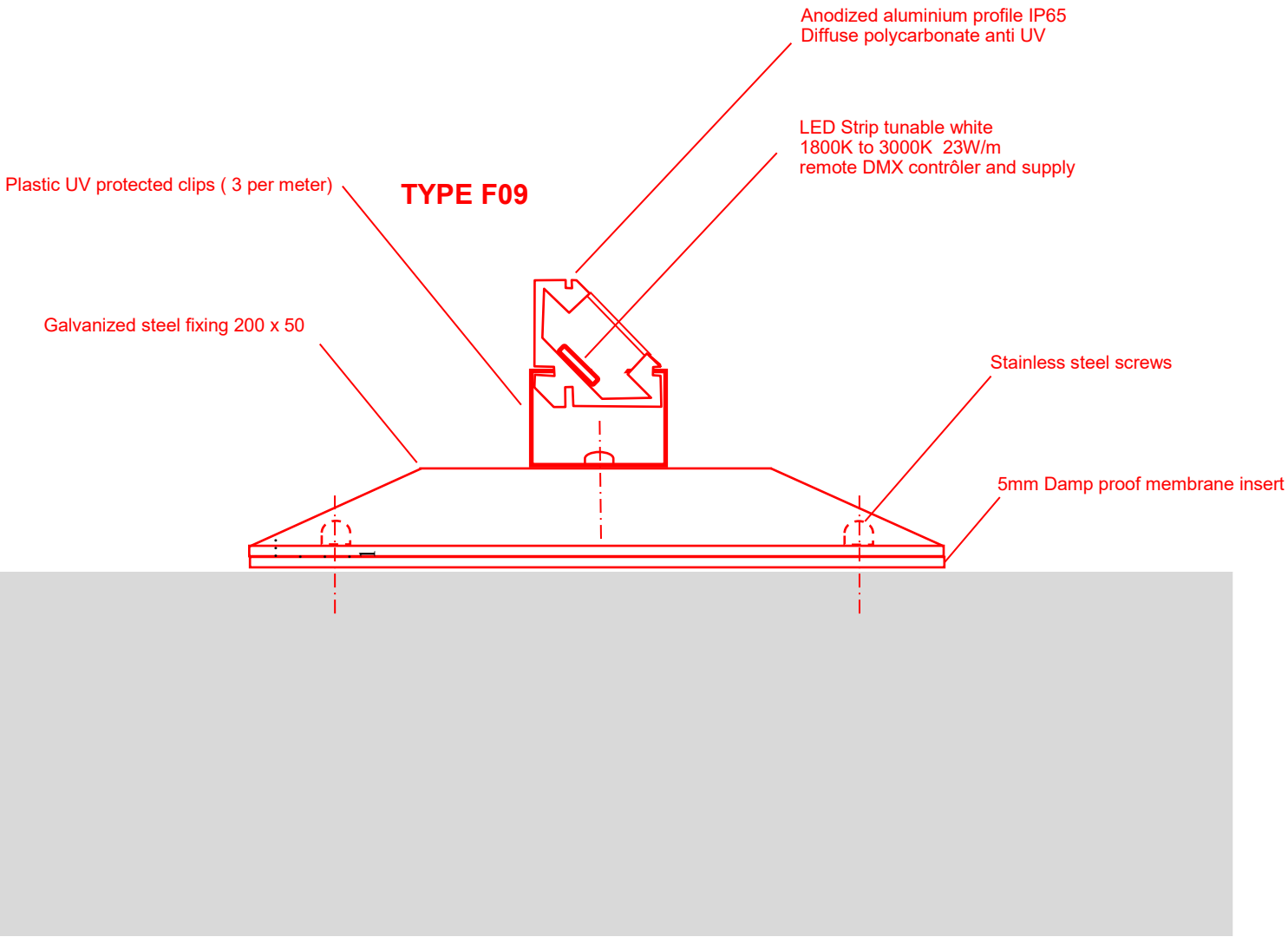


SECTION

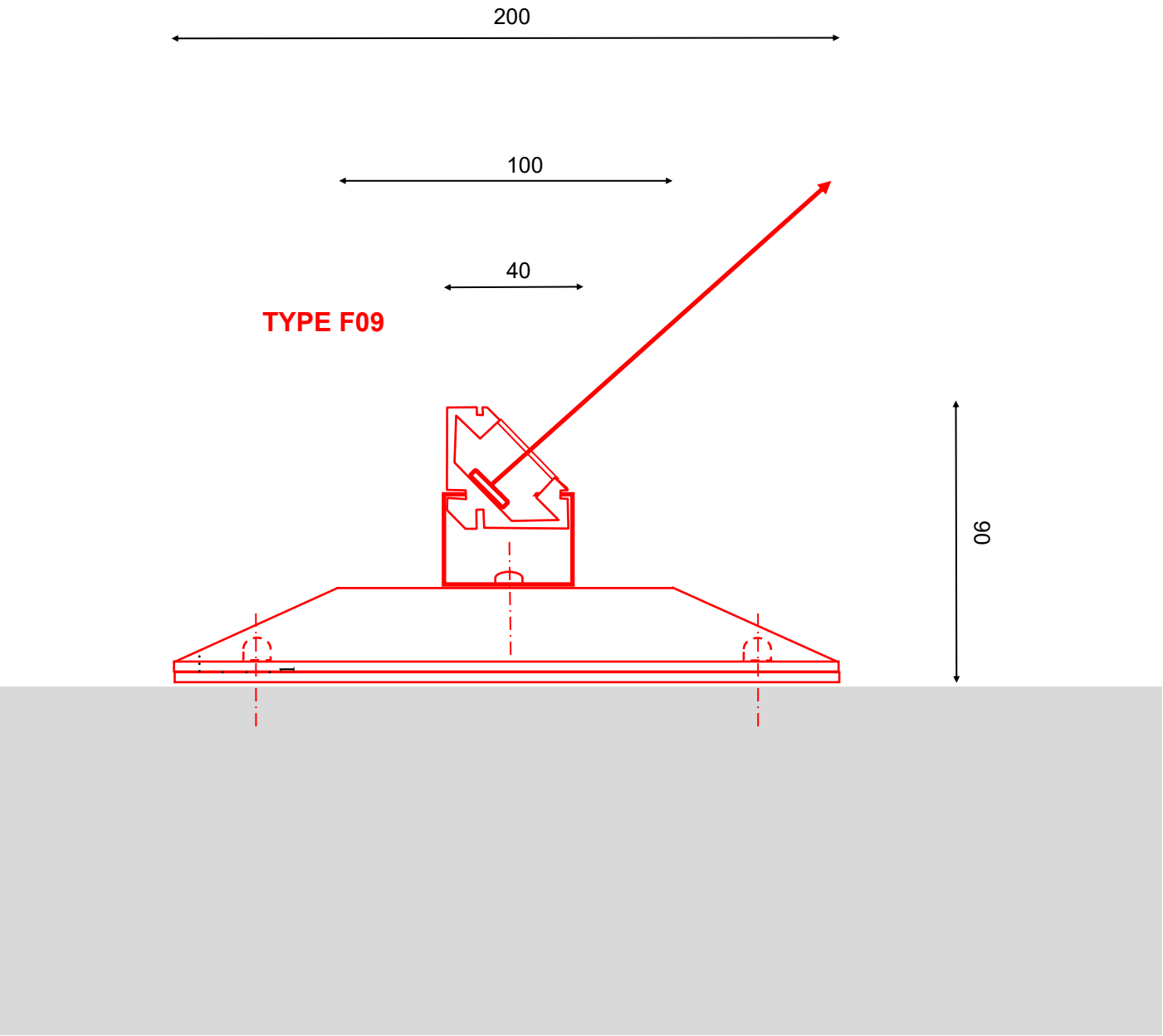


ELEVATION

TYPE F09
SURFACE MOUNTED LINEAR LIGHT FITTING
LENGHT: 2m
Fixing Quantity : 3 for each 2 meter linear LED profile
Tunablewhite 1800K to 3000K
Diifuse anti UV polycarbonate
Remote IP65 Driver
Remote IP65 DMX controler

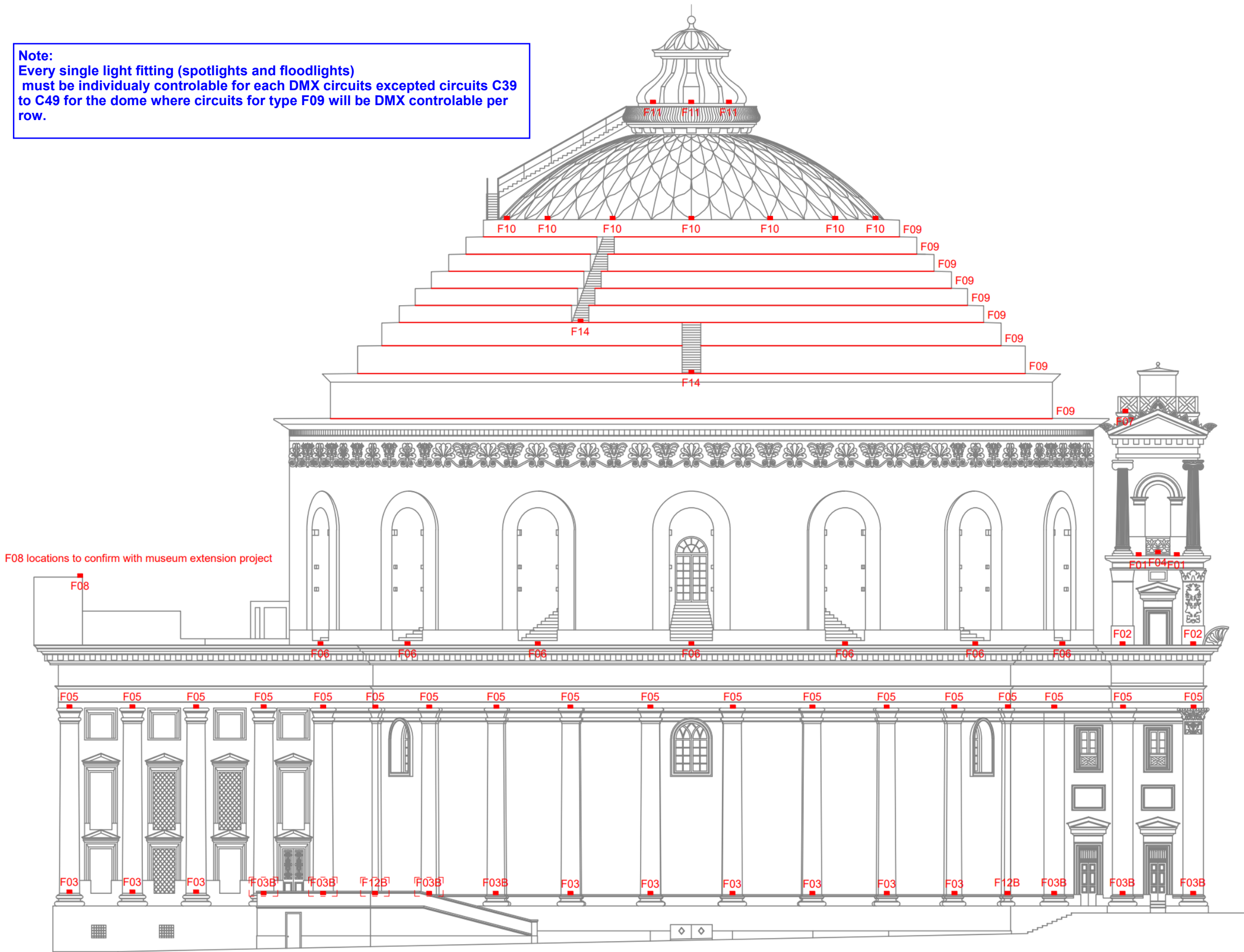


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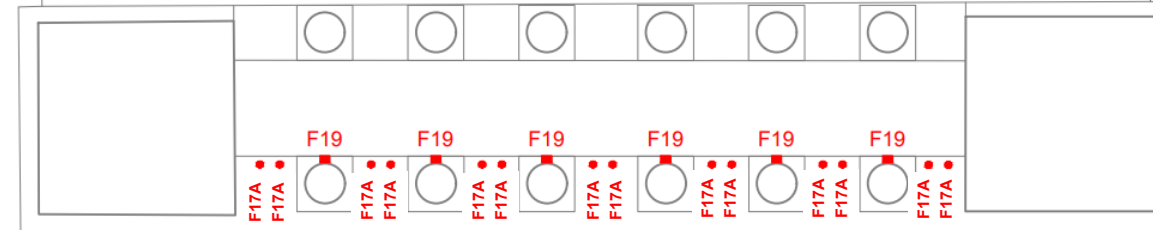


SECTION

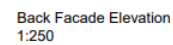
Note:
Every single light fitting (spotlights and floodlights) must be individually controlable for each DMX circuits excepted circuits C39 to C49 for the dome where circuits for type F09 will be DMX controlable per row.



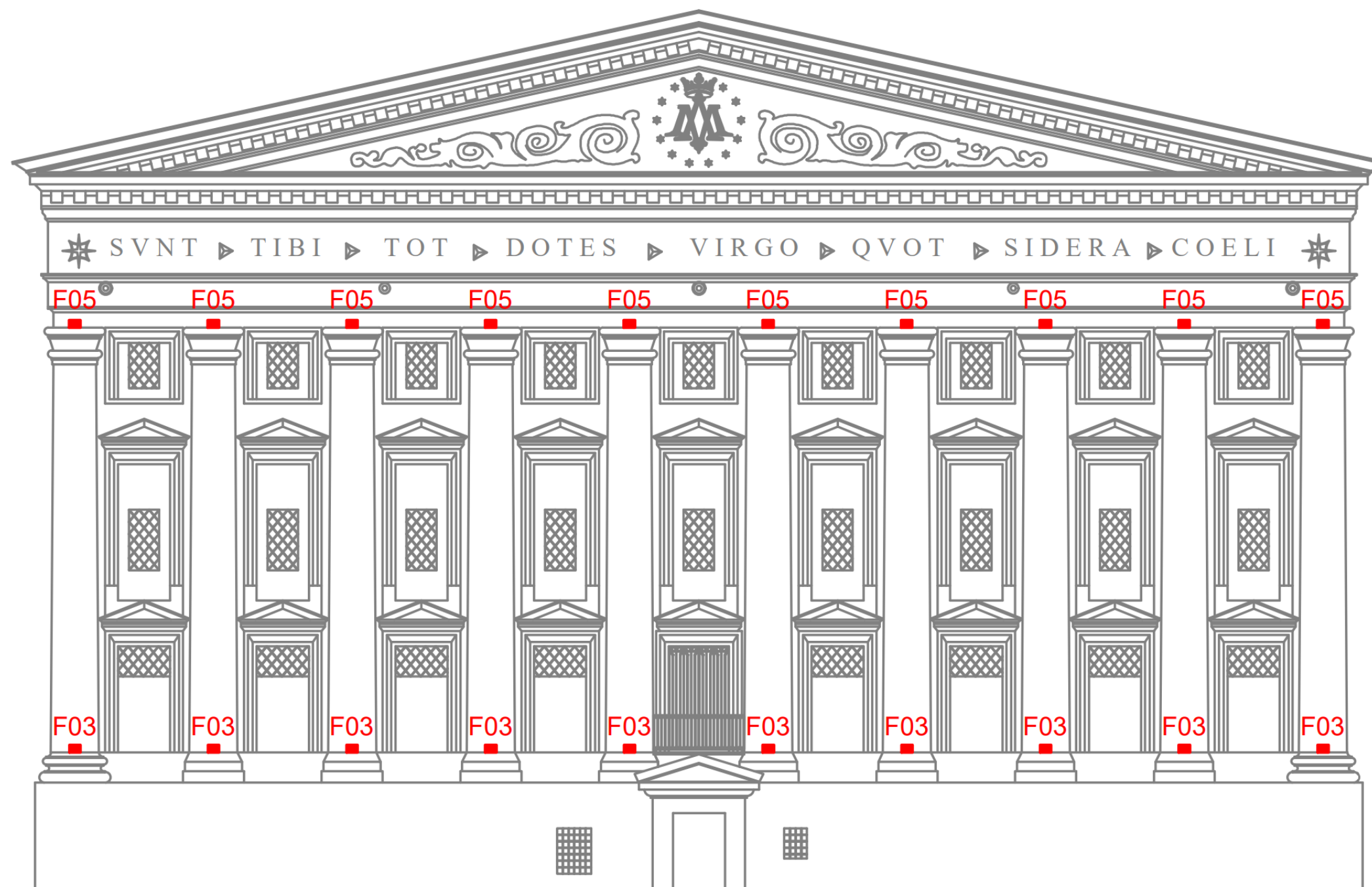
LEGEND:		
Ref.	Symbol	Description
F01		Surface mounted LED 40W 2700K 9"x9" L.600mm DMX
F02		Surface mounted LED 60W 2700K 15"x30" L.900mm DMX
F03		Surface mounted LED 60W 2700K 9"x9" L.900mm DMX
F03B		Surface mounted LED 60W 2700K 9"x9" L.900mm DMX Stainless steel safety box with tempered laminated glass
F12B		Surface mounted LED 40W 2700K 9"x9" L.600mm DMX Stainless steel safety box with tempered laminated glass
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F08		Floodlight LED 130W RGB 80" L.700mm DMX
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F13A		Spotlight LED 130W RGB 30" L.700mm DMX
F14		Spotlight LED 50W RGB 30" Dia. 300mm DMX
F15		Spotlight LED 35W 3000K 10" Dia. 160mm
F16		Spotlight LED 35W 3000K 5" Dia. 160mm DMX
F17		Spotlight LED 50W 3000K 15" Dia. 160mm DMX
F18		Spotlight LED 50W 3000K 30" Dia. 160mm DMX
F19		Floodlight LED 100W 2700K 60" L.700mm DMX
F20		Floodlight LED 50W 3000K 60" Dia. 160mm
F21		Street light fitting LED 90W 2700K Road optic
F22		Street light fitting LED 70W 2700K Flood optic
MTE		Restoration of existing pole light LED module 2700K
MT1		New pole light ht. 14m base dia. 260mm
MT2 MT3 MT5		New pole light ht. 11m base dia. 220mm
MT6 MT8a MT8b		New pole light ht. 7m base dia. 220mm
Indicates that the fitting's true positioning is concealed in elevation due to architectural elements		
Revision Log:		
No.	Description	Date
LIGHTING DESIGN: FRANCK FRANJOU Lighting Designers 4, Sappera Street, Valletta VL1120, Malta 7, Rue du Pont Rouge, 77140 Niernours, France Tel: +33 6 88 23 86 52 / +356 99 86 34 64		
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Project: Mosta Basilica & Rotonda Square Mosta, Malta		
Phase: Tender		
Title: BASILICA WEST ELEVATION LIGHTING LAYOUT		Number: 202
Author: Franck Franjou Lighting Designers		
Date: 02/08/21	Scale: 1:250	Format: A3



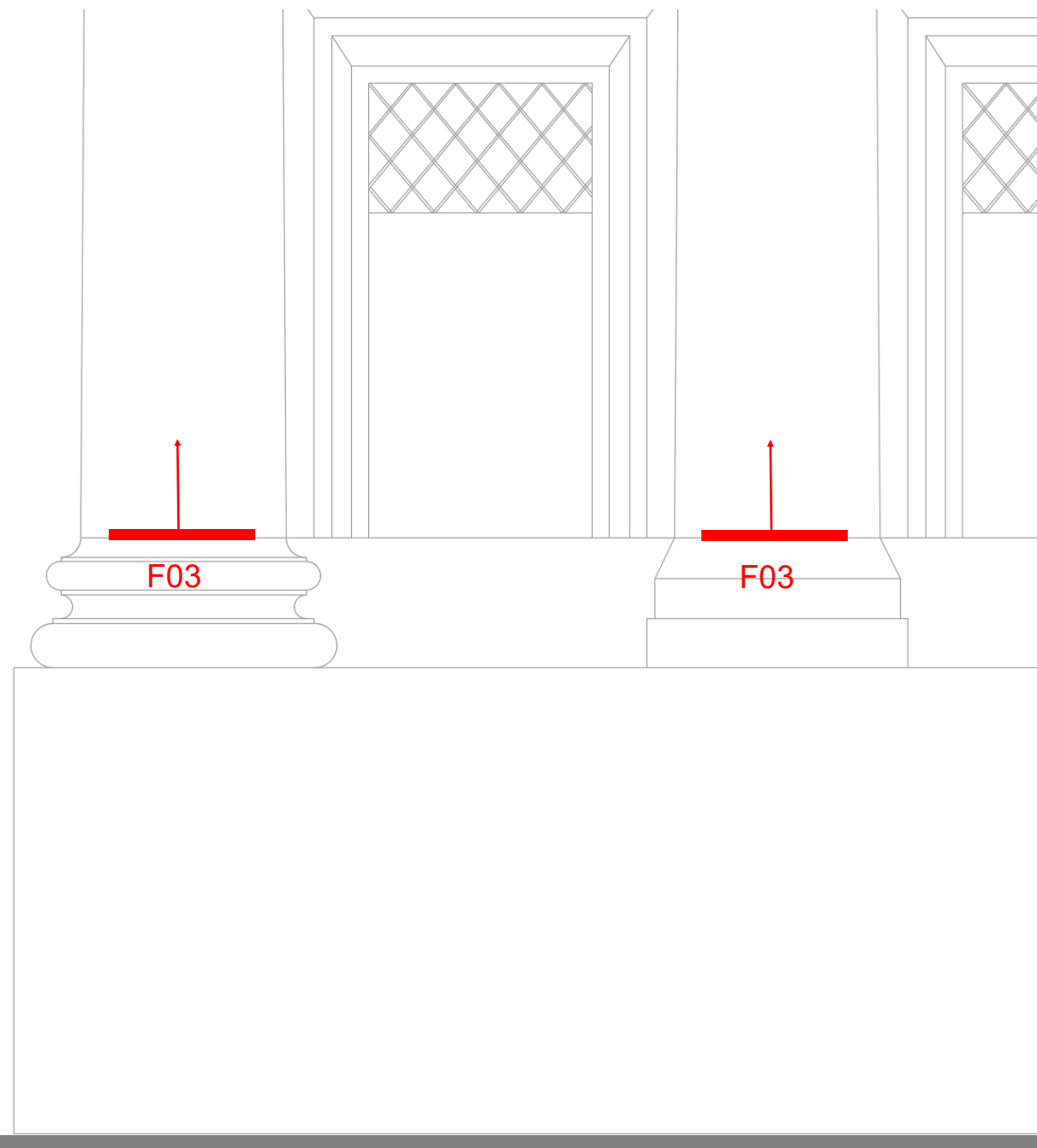
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Plasticien de l'Environnement Nocturne



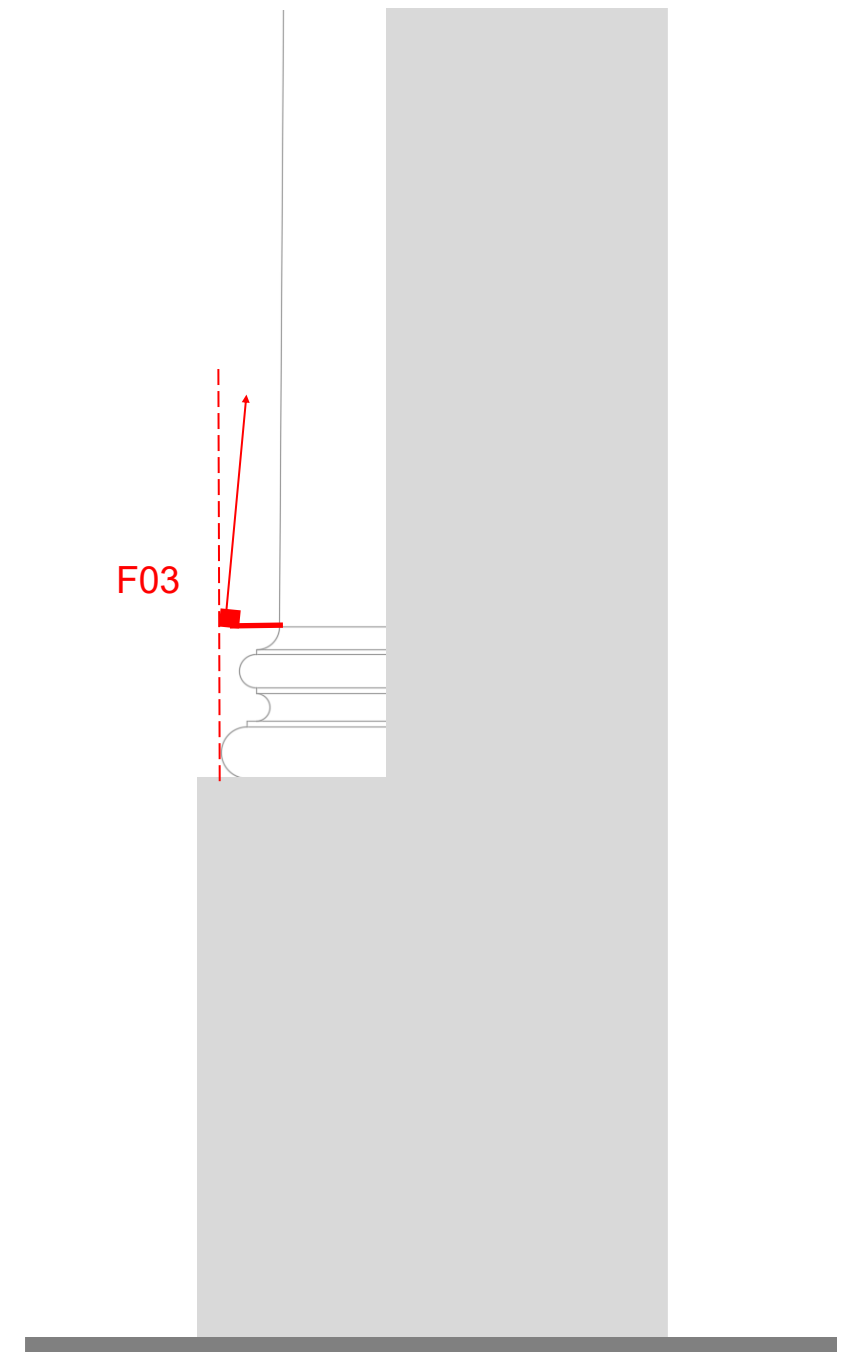
ELEVATION



ELEVATION

TYPE F03
 SURFACE MOUNTED ADJUSTABLE
 Remote IP65 DMX Datasupply/controler

SURFACE MOUNTED
 LIGHT FITTING



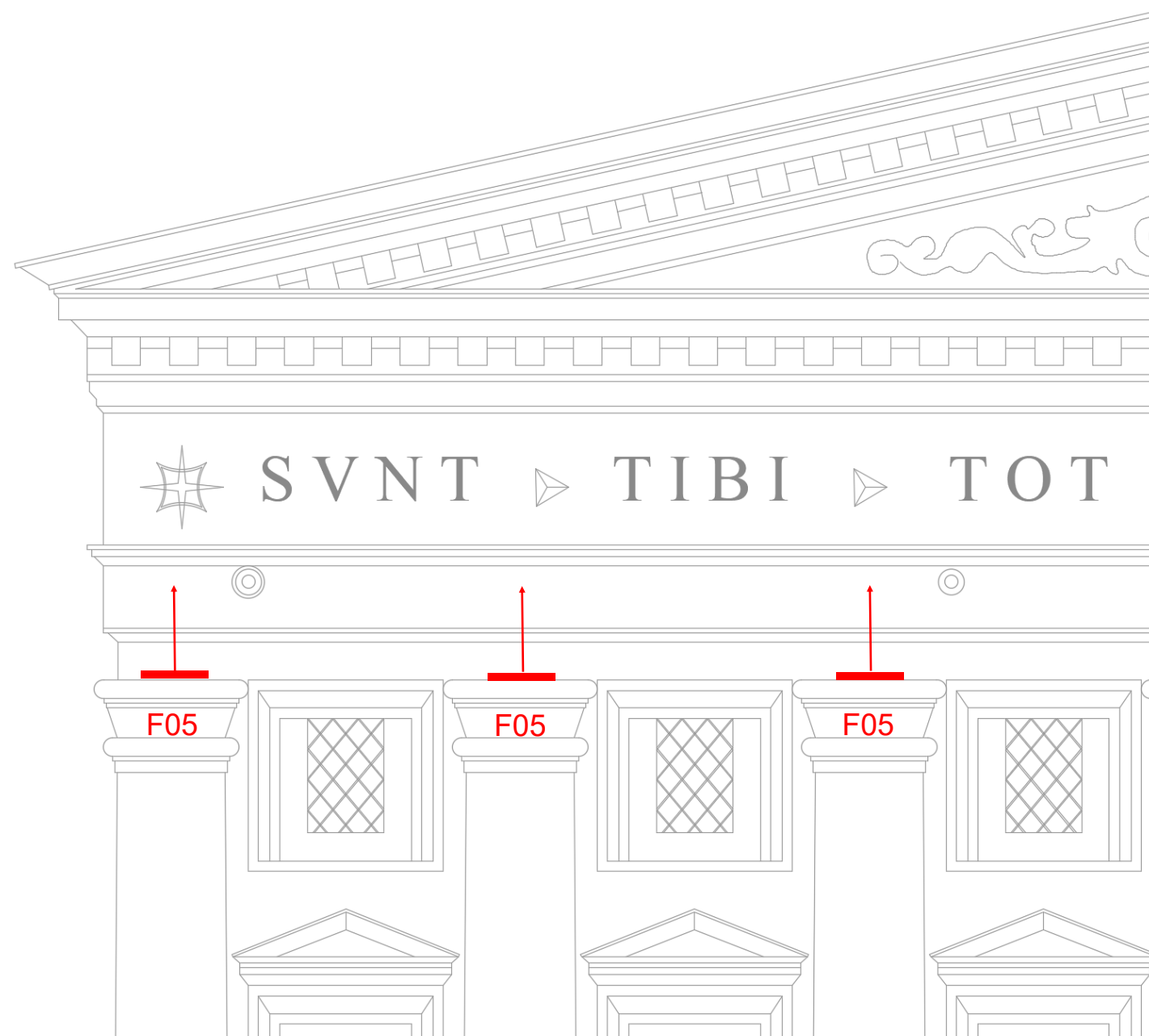
SECTION

TYPE F03
SURFACE MOUNTED ADJUSTABLE
Remote IP65 DMX Datasupply/controler

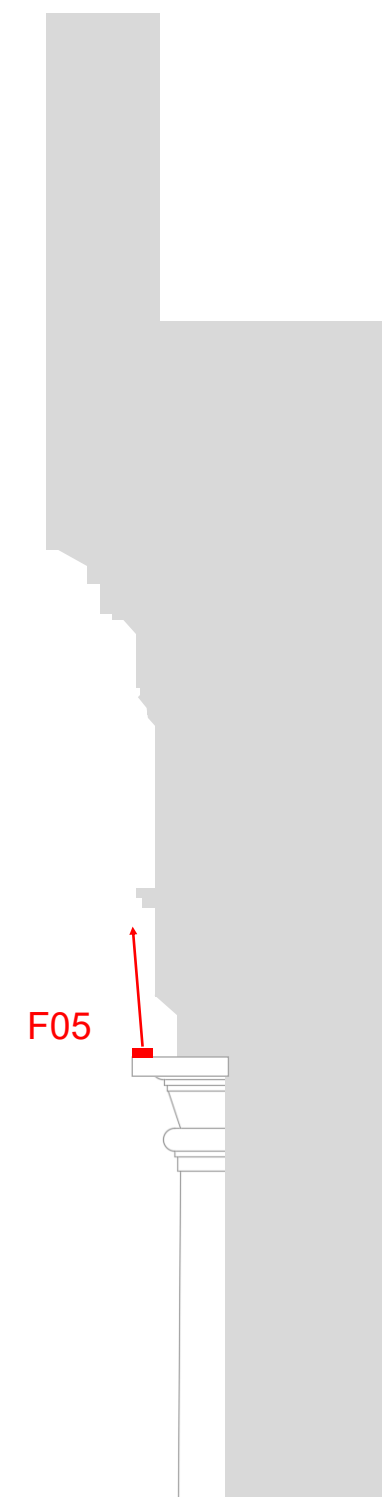
Distance from wall to confirm during
on site test

F03

RODS (QT.3 FOR EACH F03)
Brass rods Dia.15mm L. 500mm for each F03B
Drill into space between courses and fix with chemical
anchor
(USE JIG TO FIX RODS)

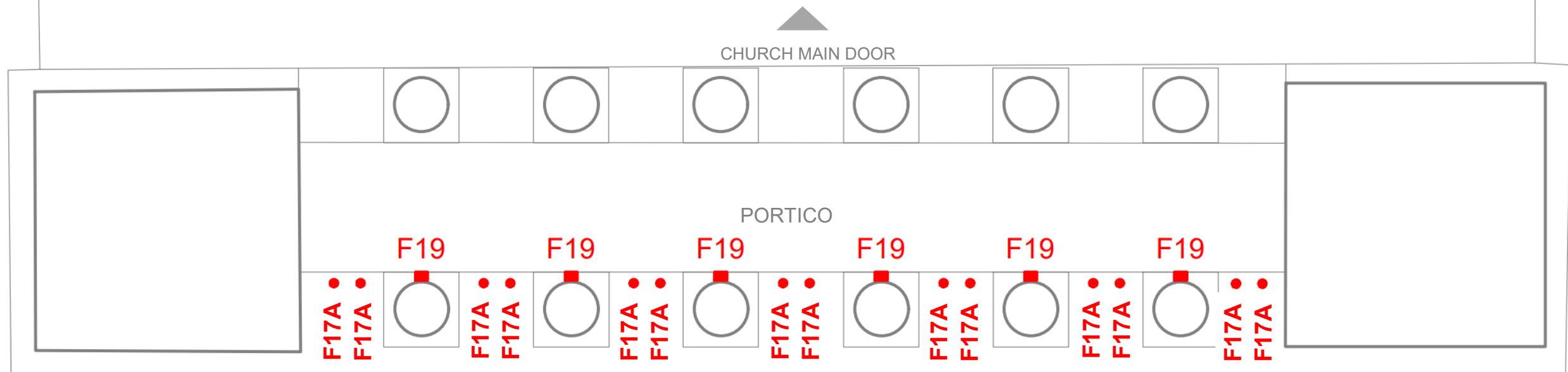


ELEVATION



SECTION

TYPE F05
 SURFACE MOUNTED ADJUSTABLE
 Remote IP65 DMX Datasupply/controler

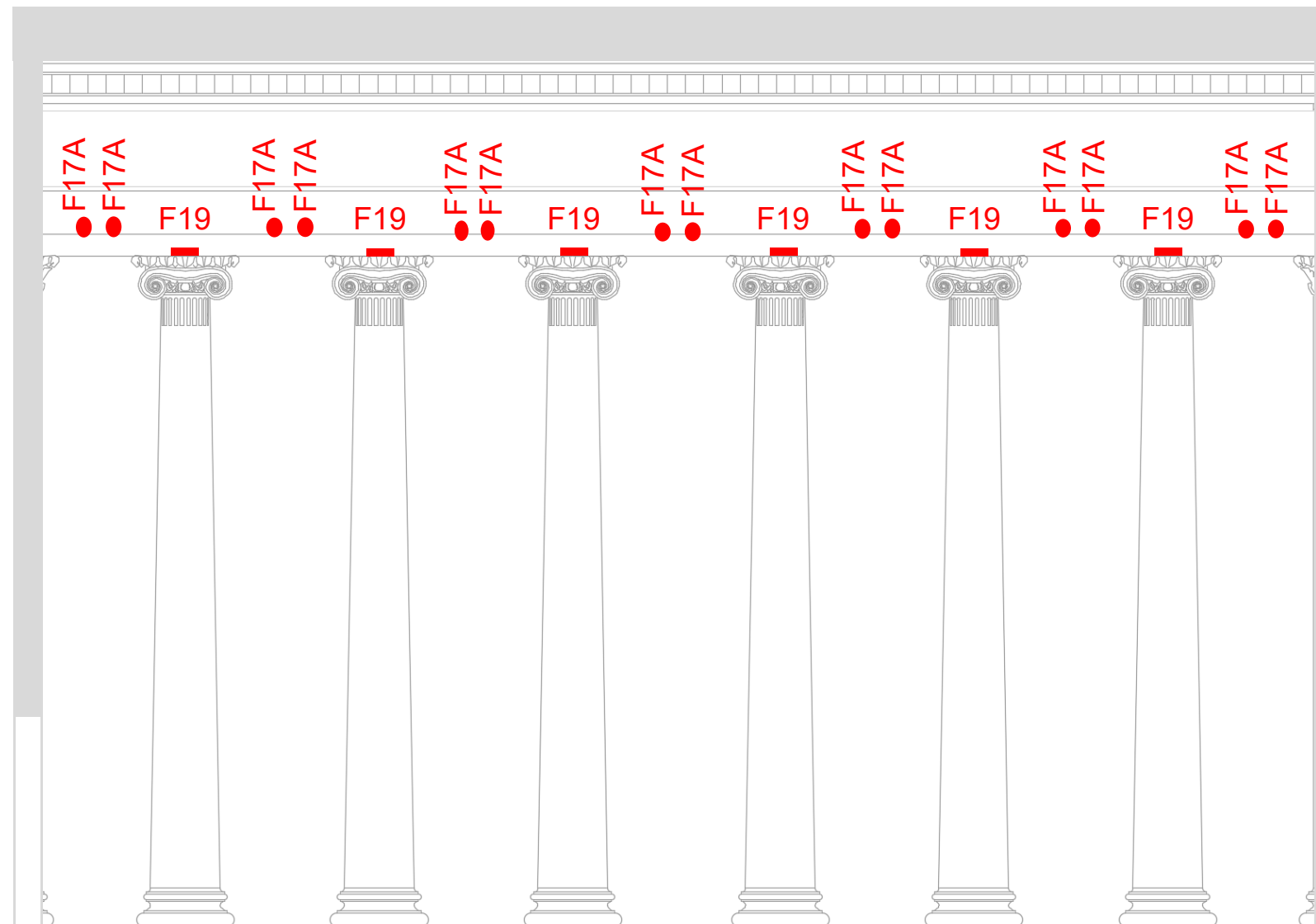


PLAN

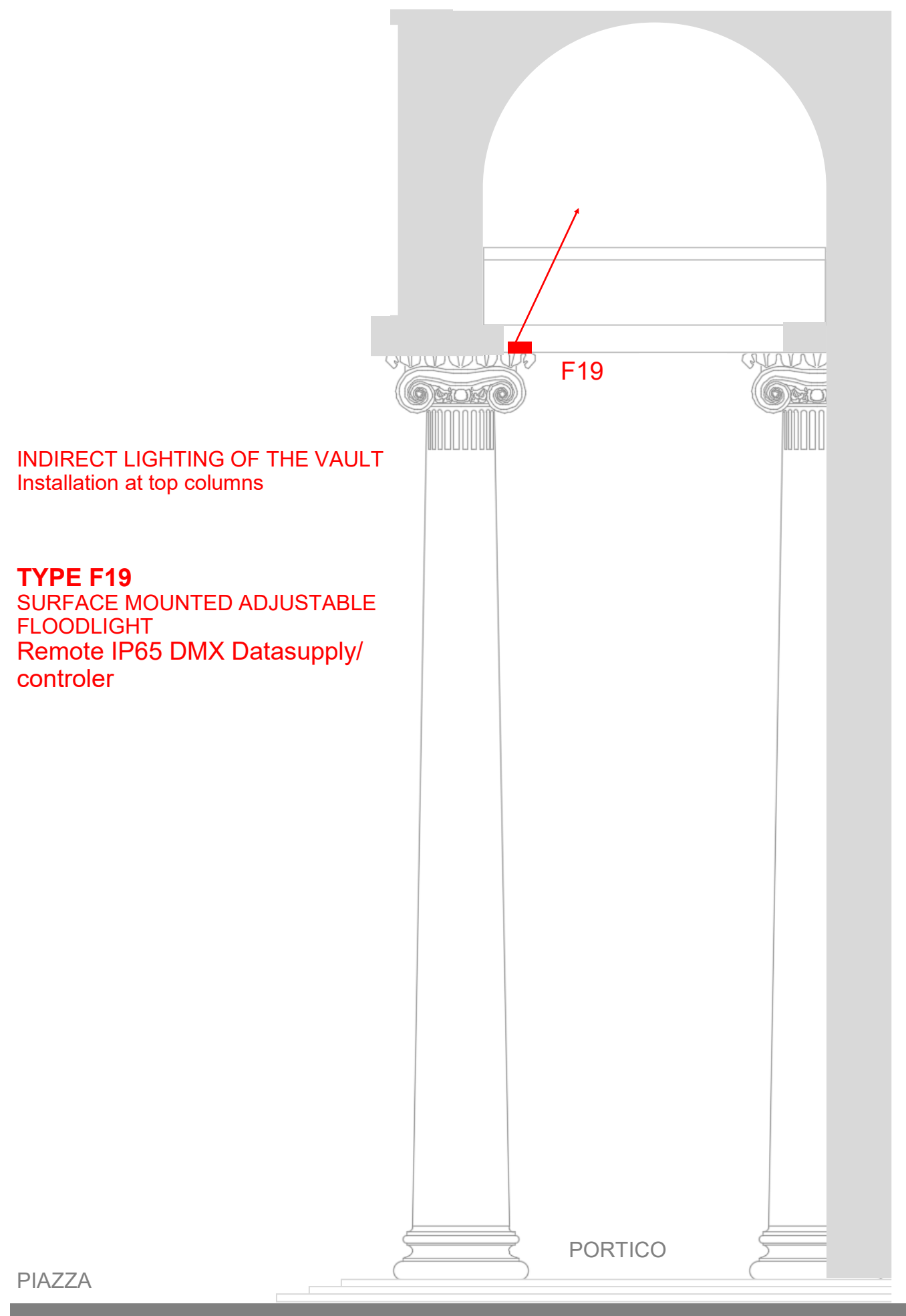
TYPE F19
SURFACE MOUNTED ADJUSTABLE
FLOODLIGHT
Remote IP65 DMX Datasupply/
controler

TYPE F17A
SURFACE MOUNTED ADJUSTABLE
SPOTLIGHT
Remote IP65 DMX Datasupply/
controler

Fixing at wall with bracket



ELEVATION



INDIRECT LIGHTING OF THE VAULT
Installation at top columns

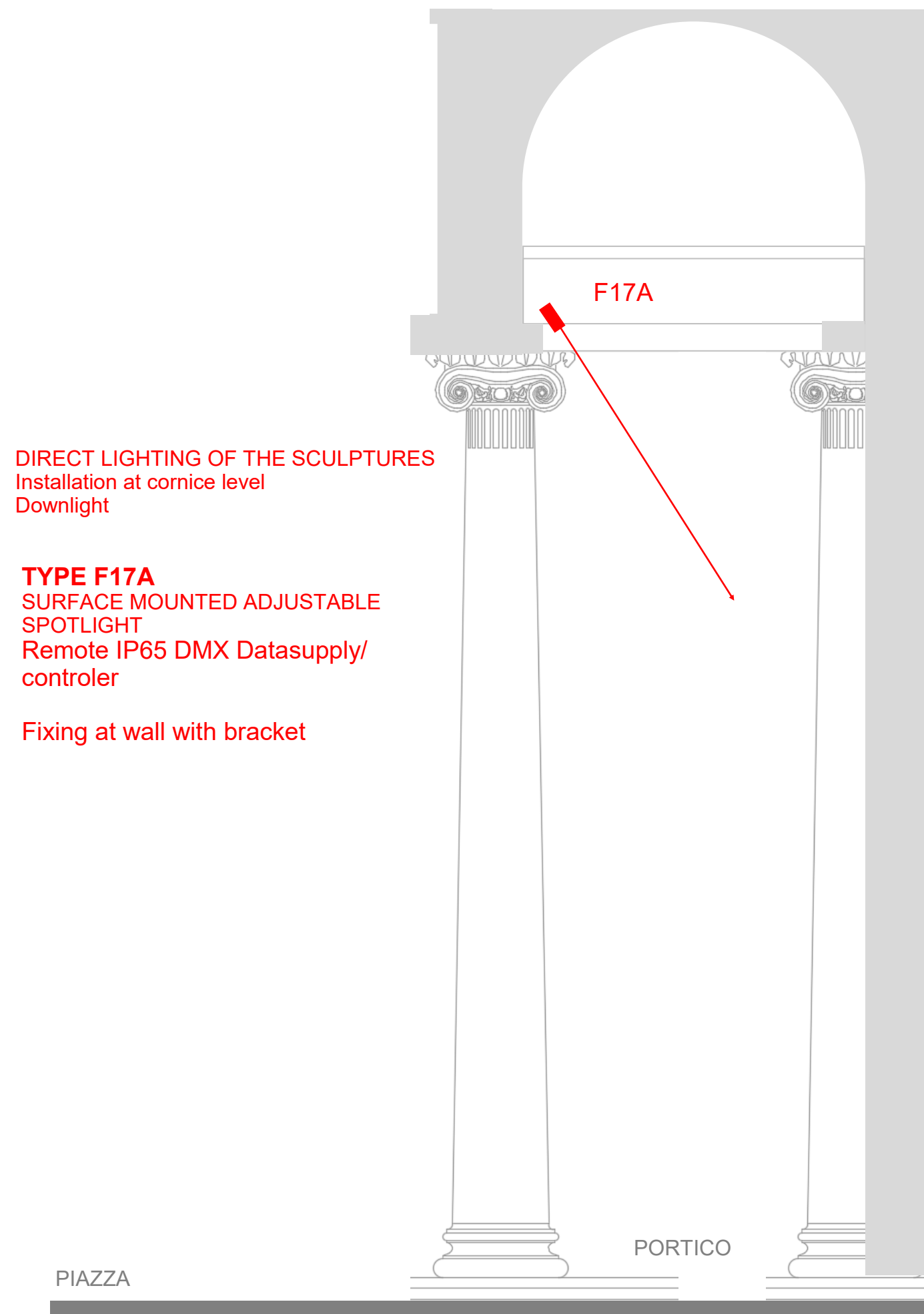
TYPE F19
SURFACE MOUNTED ADJUSTABLE
FLOODLIGHT
Remote IP65 DMX Datasupply/
controler

F19

PORTICO

PIAZZA

SECTION



DIRECT LIGHTING OF THE SCULPTURES
Installation at cornice level
Downlight

TYPE F17A
SURFACE MOUNTED ADJUSTABLE
SPOTLIGHT
Remote IP65 DMX Datasupply/
controler

Fixing at wall with bracket

F17A

PORTICO

PIAZZA

SECTION