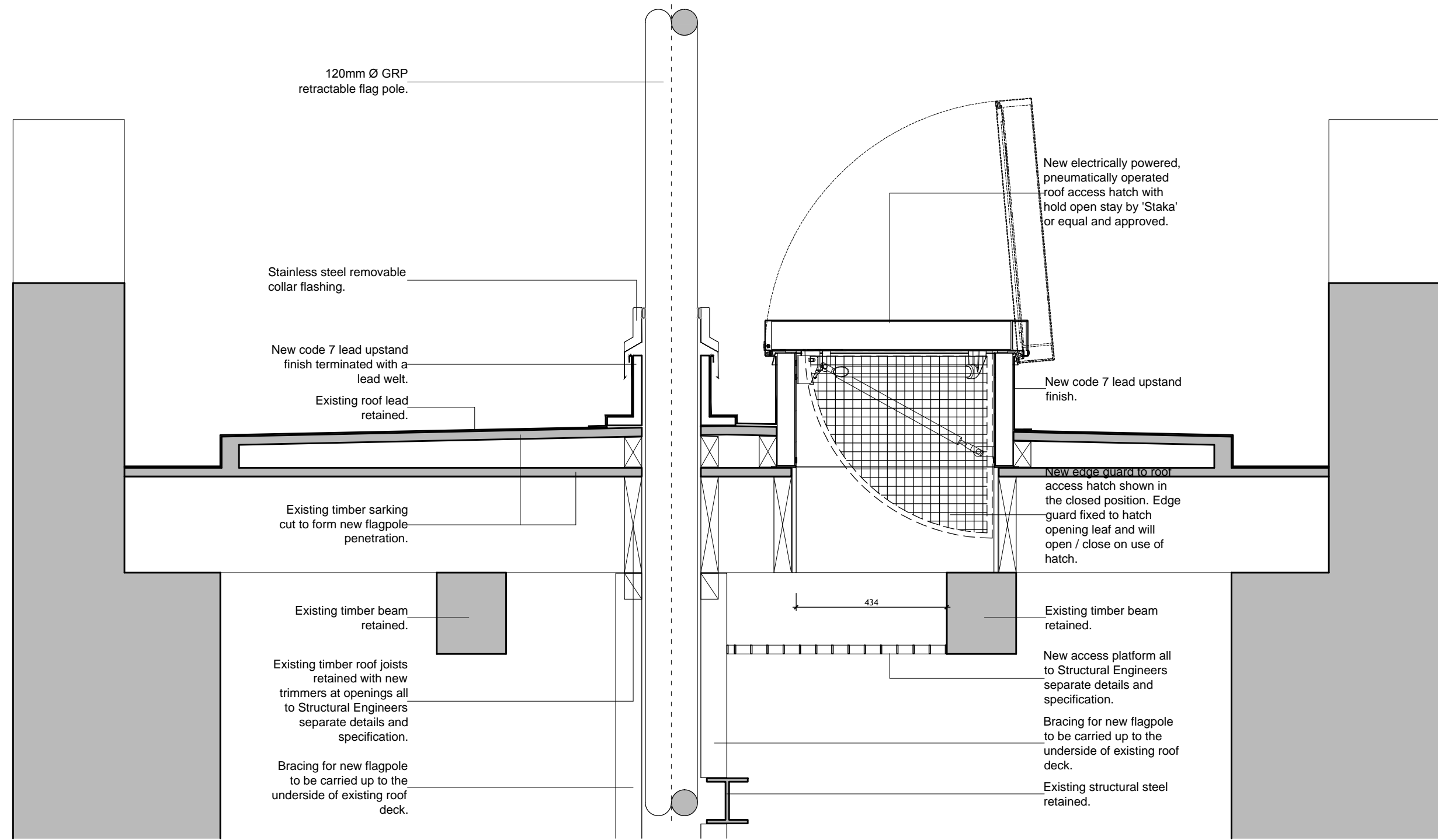


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revision	date	note
A	03/10/16	Updated per meeting of 23.09.2016



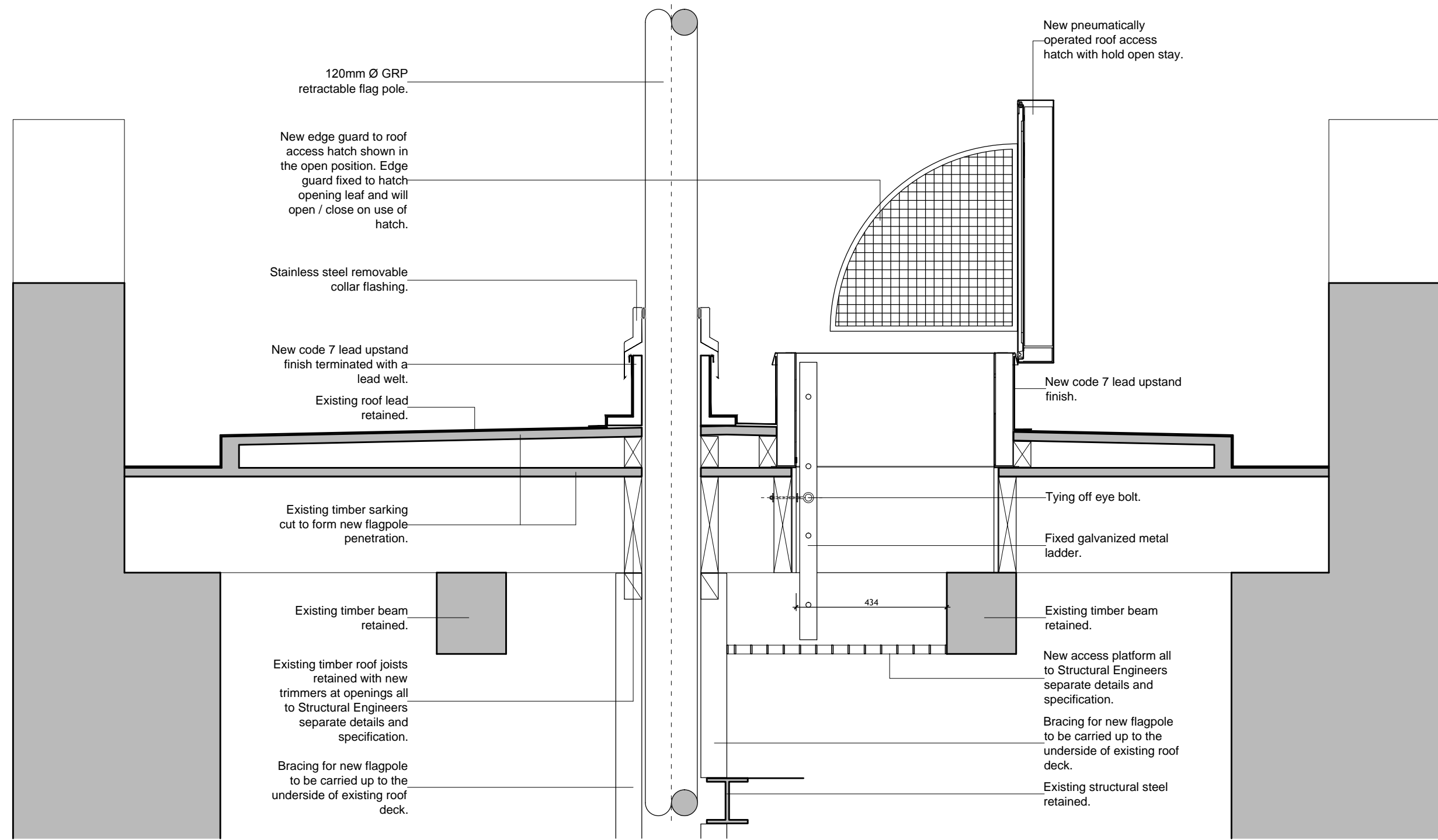
PROPOSED SECTION SHOWING ROOF ACCESS GUARD IN THE CLOSED POSITION

<p>CONVERY PRENTY ARCHITECTS 20 High Craighall Road, Glasgow, G4 9UD www.cparch.co.uk 0141 237 1718</p>		
CLIENT	DIO / Carillion Amey	
PROJECT	EDINBURGH CASTLE CLOCK TOWER replacement of existing flat pole	
DRAWING	Roof Section Through Access Hatch and Flagpole Access Guard in Closed Position As Proposed	
PAPER SIZE	SCALE	DATE
A3	1:10	Sep 16
DRAWING NUMBER	REVISION	
400_500	A	

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A	03/10/16	Updated per meeting of 23.09.2016



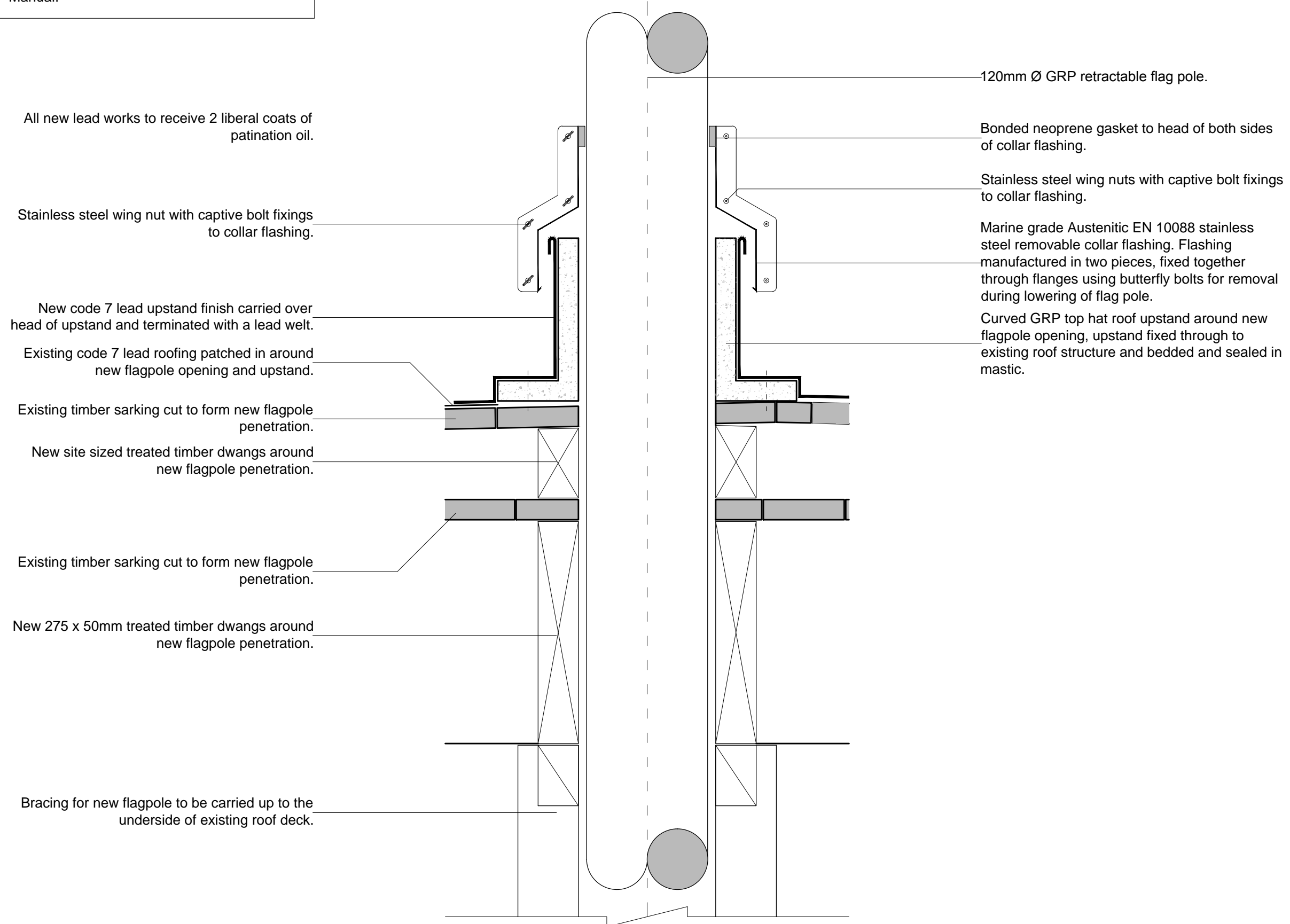
PROPOSED SECTION SHOWING ROOF ACCESS GUARD IN THE OPEN POSITION

<p>CONVERY PRENTY ARCHITECTS 20 High Craighall Road, Glasgow, G4 9UD www.cparch.co.uk 0141 237 1718</p>		
CLIENT	DIO / Carillion Amey	
PROJECT	EDINBURGH CASTLE CLOCK TOWER replacement of existing flat pole	
DRAWING	Roof Section Through Access Hatch and Flagpole Access Guard in Open Position As Proposed	
PAPER SIZE	SCALE	DATE
A3	1:10	Sep 16
DRAWING NUMBER		REVISION
400_501		A


Note:
 All works to be carried out by a Subcontractor, who are approved by Historic Environment Scotland and are a member of the Lead Sheet Association.
 All works to be carried out in accordance to recommendations made within the Lead Sheet Manual.

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revision	date	note
A	03/10/16	Updated per meeting of 23.09.2016
B	28/10/16	Additional notes added.



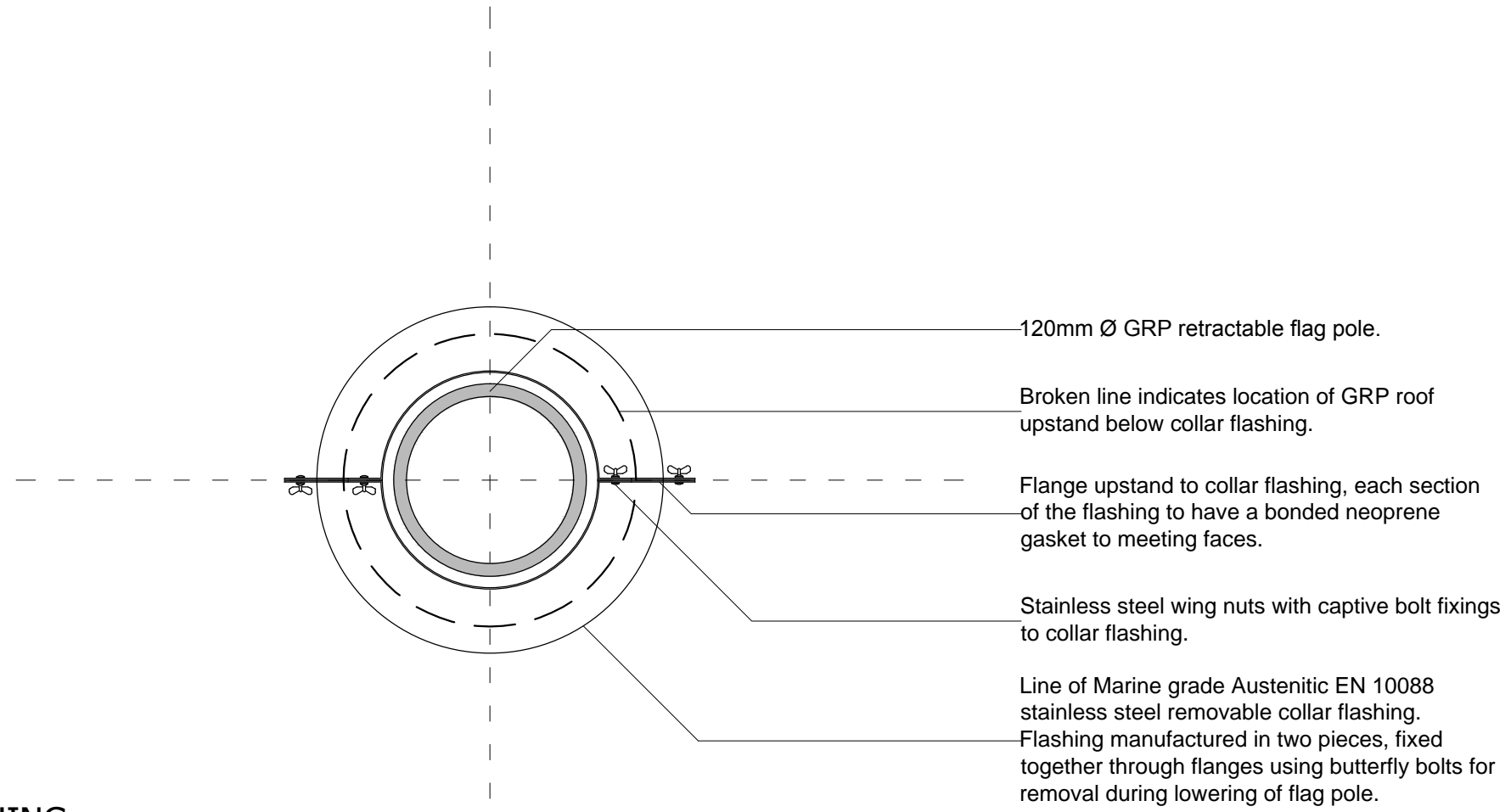
ELEVATION ON FLAGPOLE COLLAR FLASHING

CONVERY PRENTY ARCHITECTS <small>20 High Craighall Road, Glasgow, G4 9UD www.cparch.co.uk 0141 237 1718</small>		
CLIENT	DIO / Carillion Amey	
PROJECT	EDINBURGH CASTLE CLOCK TOWER replacement of existing flat pole	
DRAWING	Detail of Flagpole Penetration As Proposed	
PAPER SIZE	SCALE	DATE
A3	1:5	Sep 16
DRAWING NUMBER		REVISION
400_502		B

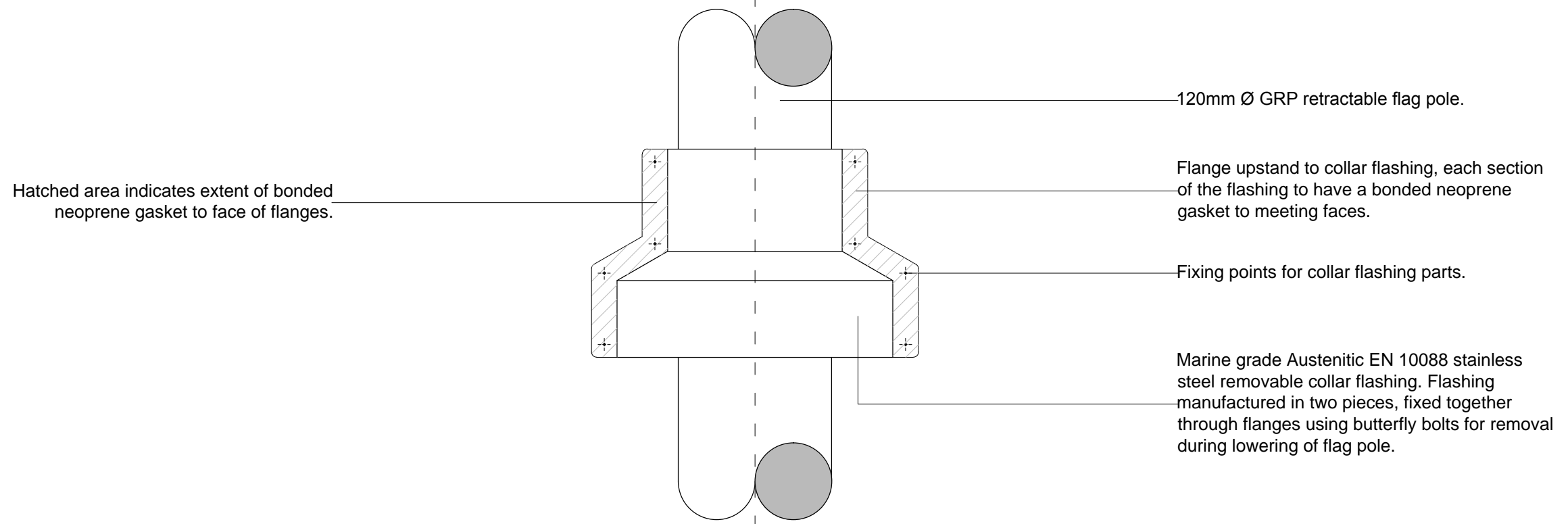
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revision	date	note



PLAN ON FLAGPOLE COLLAR FLASHING

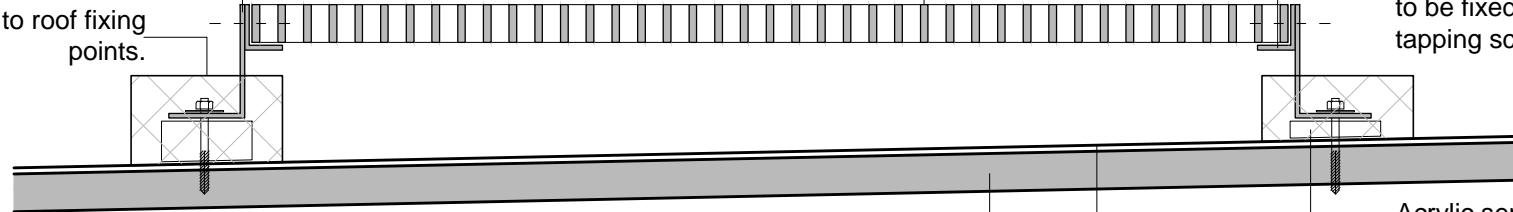


ELEVATION ON FLAGPOLE COLLAR FLASHING

<p>CONVERY PRENTY ARCHITECTS</p> <p>20 High Craighall Road, Glasgow, G4 9UD www.cparch.co.uk 0141 237 1718</p>		
<p>CLIENT DIO / Carillion Amey</p> <p>PROJECT EDINBURGH CASTLE CLOCK TOWER replacement of existing flat pole</p> <p>DRAWING Detail of Flagpole Collar Flashing As Proposed</p>		
PAPER SIZE A3	SCALE 1:5	DATE Sep 16
DRAWING NUMBER 400_503		REVISION -

4No. 75 x 50mm galvanised angles as support to platform all to Structural Engineers separate details and specification. Platform support to be fixed securely to existing roof structure all to Structural Engineers separate details and specification.

Hot melt bitumen encasement to roof fixing points.



Galvanised open grate working platform all to Structural Engineers separate details and specification.

25 x 25mm galvanised angle as support to platform deck all to Structural Engineers separate details and specification. Platform deck to be fixed securely to support frame by self tapping screws.

Acrylic separating pad between platform supports and existing lead roof sheet bedded and sealed in mastic.

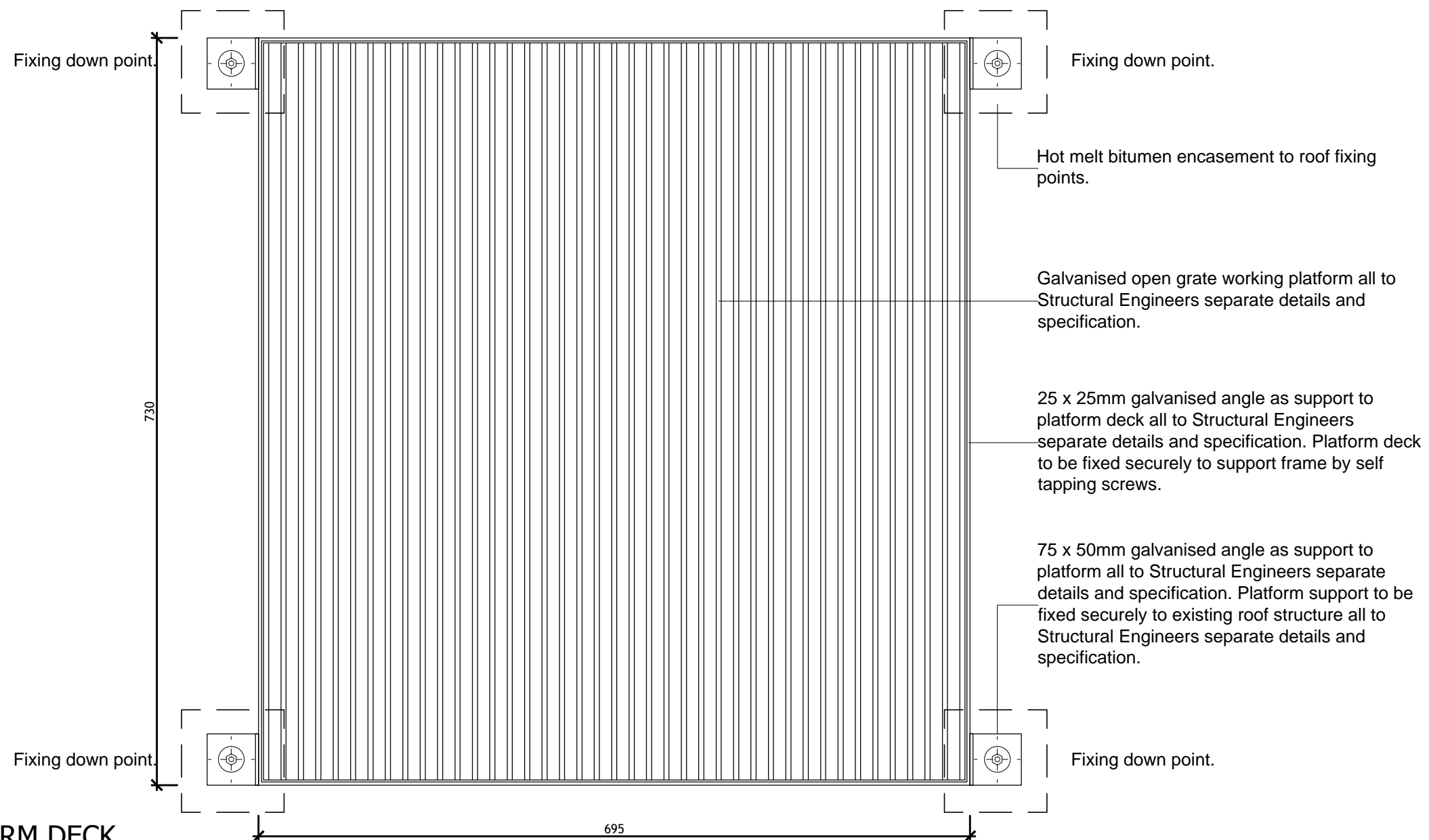
Existing code 7 lead roof sheet.
Existing roof structure.

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SECTION THROUGH PLATFORM DECK



Fixing down point.

Fixing down point.

Hot melt bitumen encasement to roof fixing points.

Galvanised open grate working platform all to Structural Engineers separate details and specification.

25 x 25mm galvanised angle as support to platform deck all to Structural Engineers separate details and specification. Platform deck to be fixed securely to support frame by self tapping screws.

75 x 50mm galvanised angle as support to platform all to Structural Engineers separate details and specification. Platform support to be fixed securely to existing roof structure all to Structural Engineers separate details and specification.

Fixing down point.

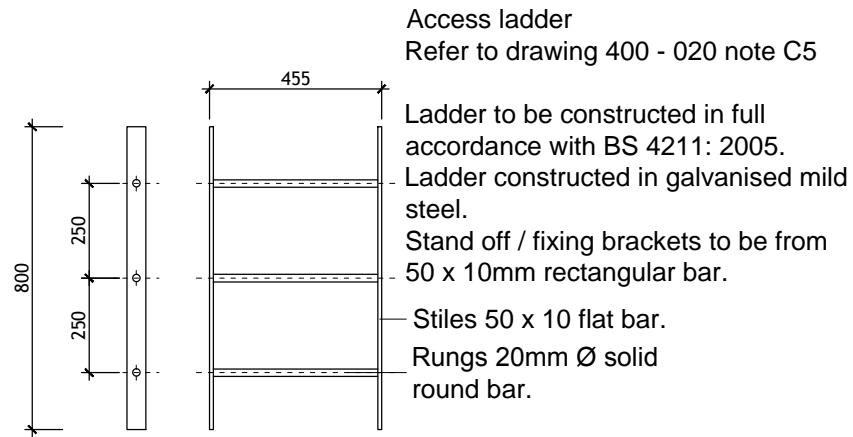
Fixing down point.

PLAN ON PLATFORM DECK

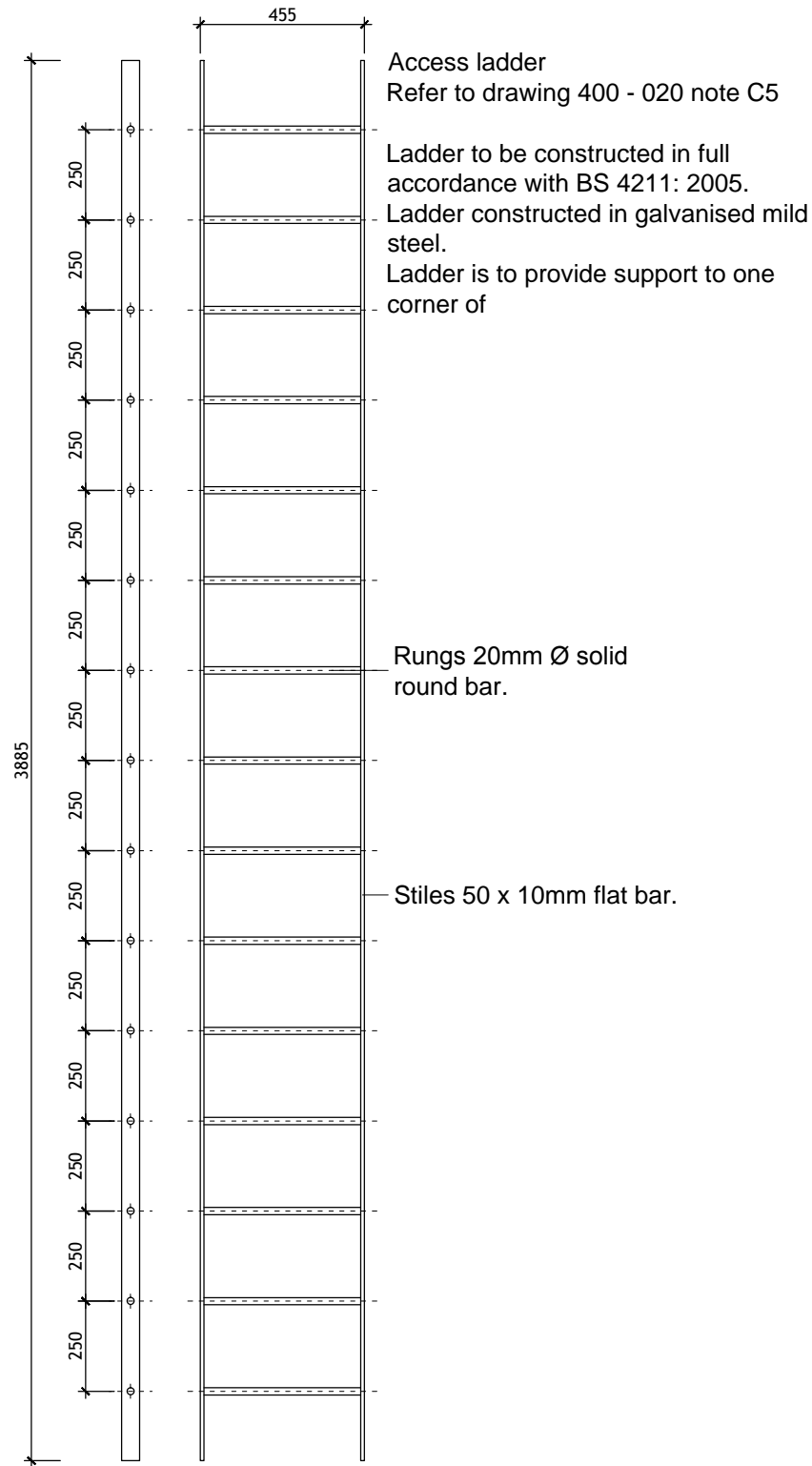
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CLIENT DIO / Carillion Amey
PROJECT EDINBURGH CASTLE CLOCK TOWER
 replacement of existing flat pole
DRAWING Detail of Working Platform
 As Proposed

PAPER SIZE A3	SCALE 1:5	DATE Sep 16
DRAWING NUMBER 400_504		REVISION -



DETAILS OF ACCESS LADDER 1:20



DETAILS OF ACCESS LADDER 1:20

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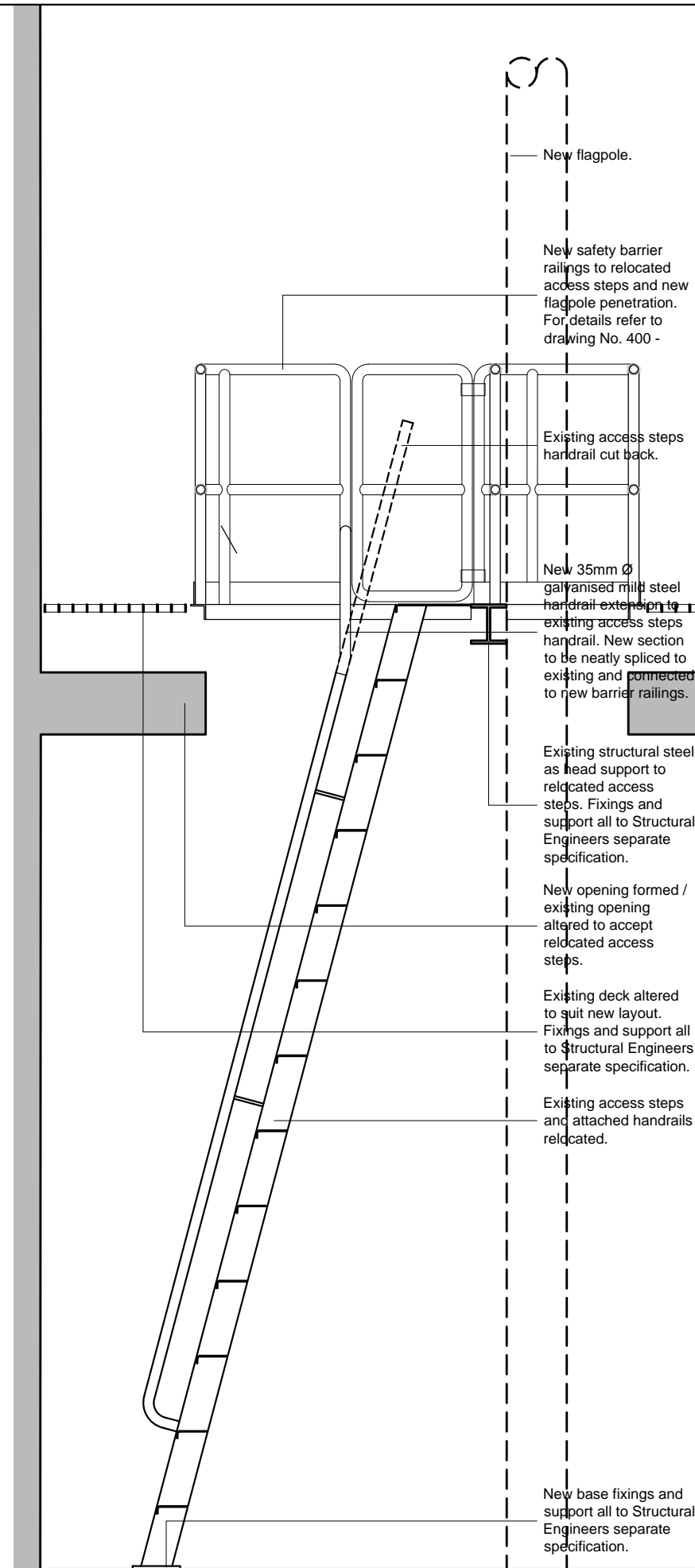
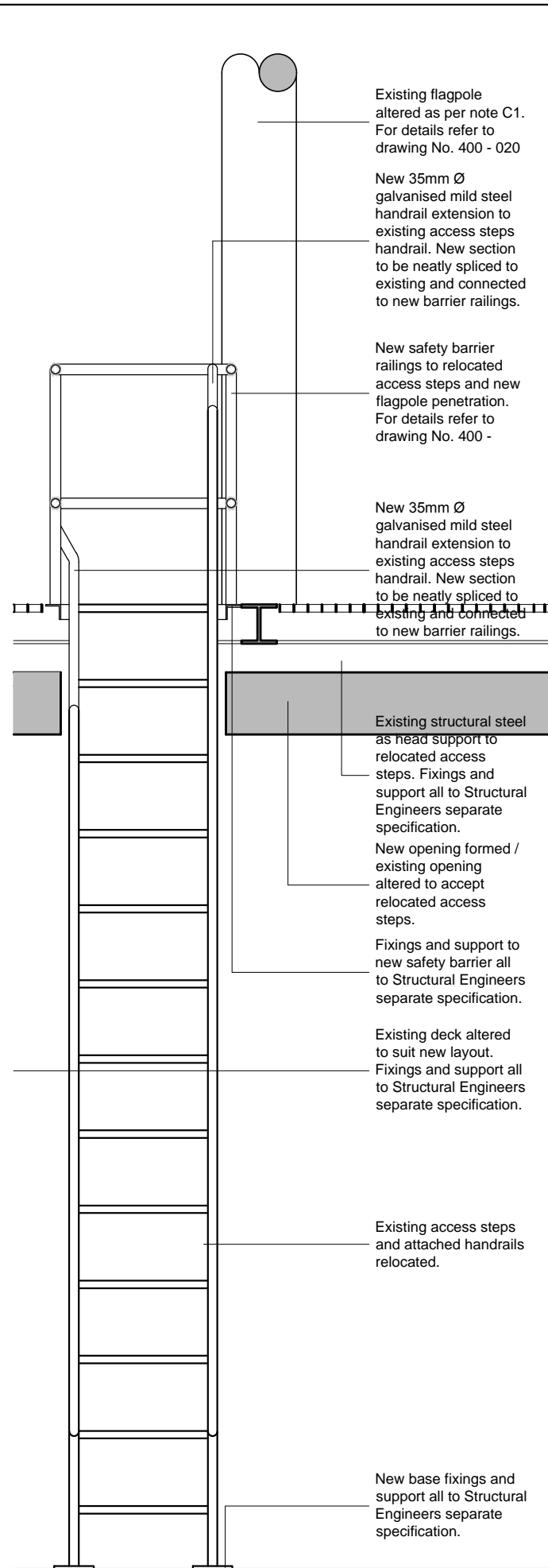
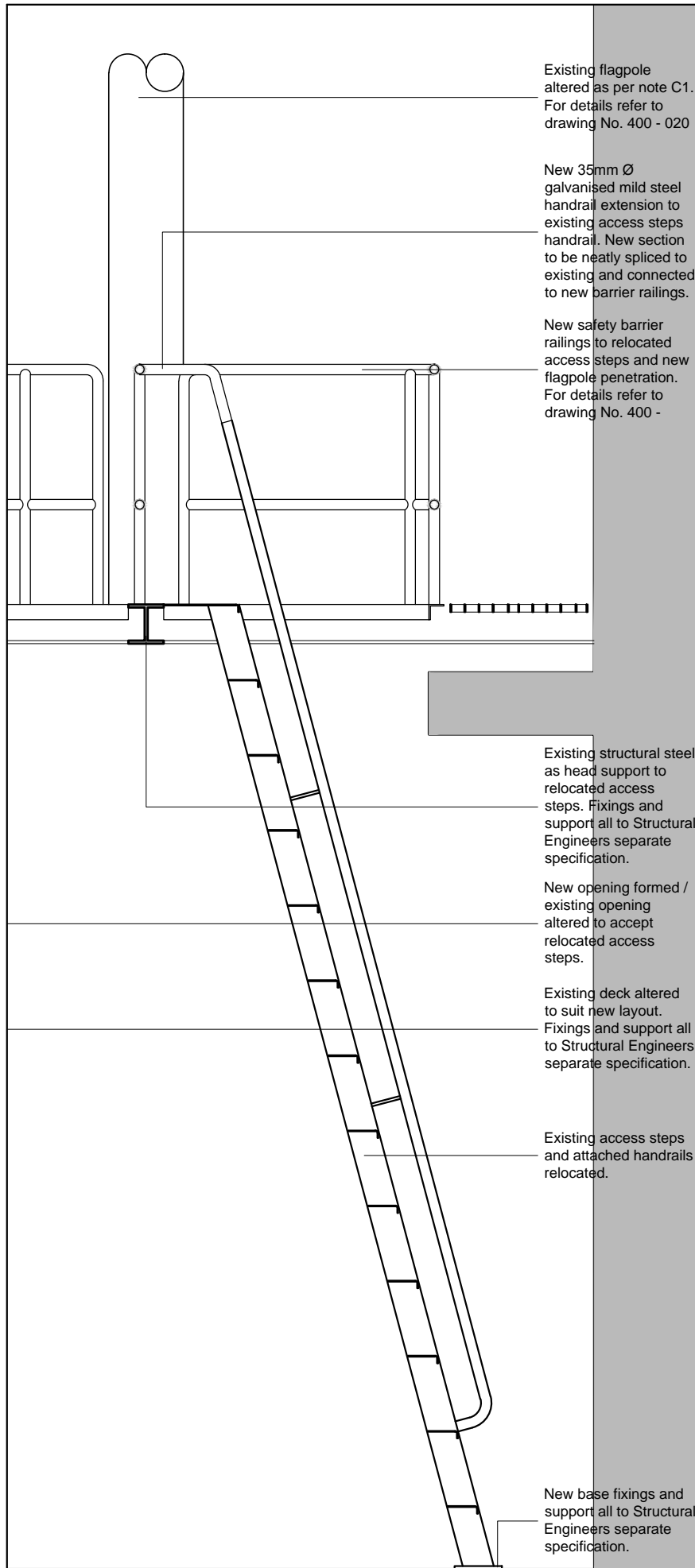
revision	date	note

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CLIENT DIO / Carillion Amey
PROJECT EDINBURGH CASTLE CLOCK TOWER
 replacement of existing flat pole

DRAWING Details of New Access Ladders
 As Proposed

PAPER SIZE A3	SCALE 1:20	DATE Oct 16
DRAWING NUMBER 400_505		REVISION -



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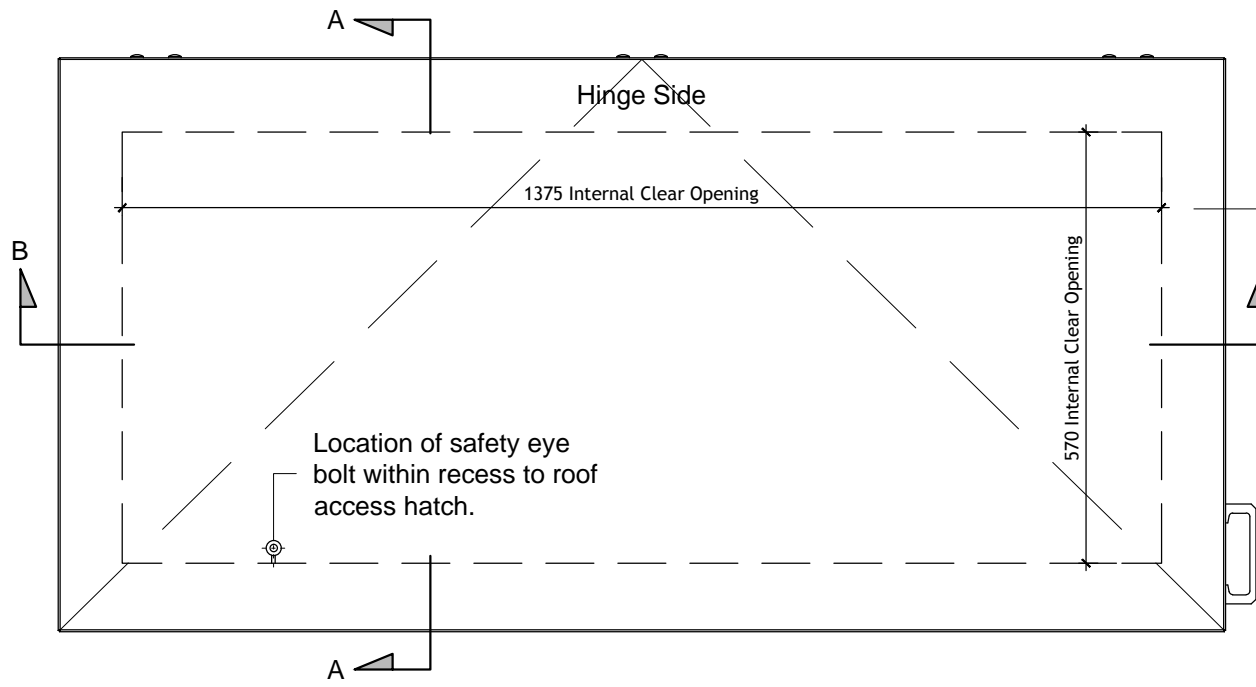
ALTERATIONS TO RETAINED ACCESS STEPS 1/20

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CLIENT DIO / Carillion Amey
PROJECT EDINBURGH CASTLE CLOCK TOWER
 replacement of existing flat pole

DRAWING Detail of Alterations to Relocated Access Steps
 As Proposed

PAPER SIZE A3	SCALE 1/20	DATE Oct 16
DRAWING NUMBER 400_506		REVISION -



PLAN

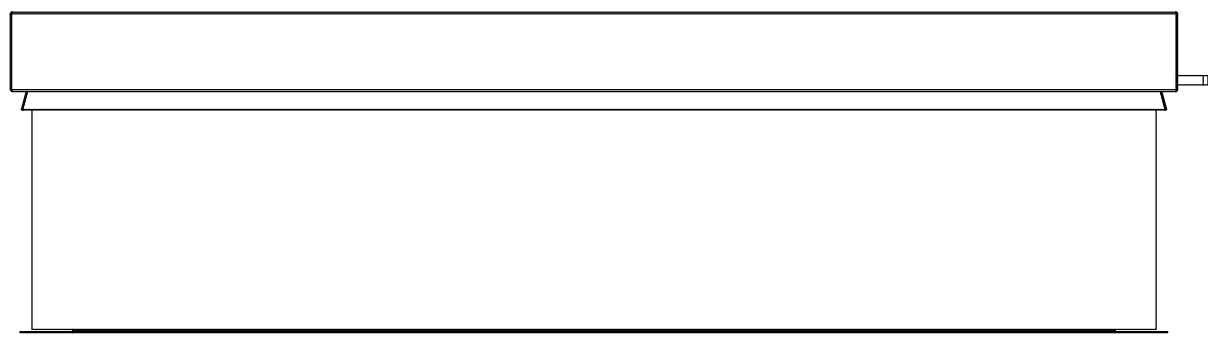
Electrically powered, pneumatically operated roof access hatch with hold open stay by 'Staka' or equal and approved.

Custom made roof access hatch by 'Staka' or equal and approved.
 Electrically powered, pneumatically operated with hatch hold open stay.
 Hatch to open fully a minimum of 90° from closed position.
 Hatch upstand and cover to be manufactured in stainless steel AISI 1.4301 (304) or equivalent.
 Unit to comply with BS EN 1026/ BS EN 12155 for wind and water tightness.
 Unit to comply with EN 1991 for load bearing capacity.
 Unit to be finished with a polyester powder coating internally and externally.
 Colour:
 External RAL to be confirmed.
 Internal RAL 7047 Pure White.

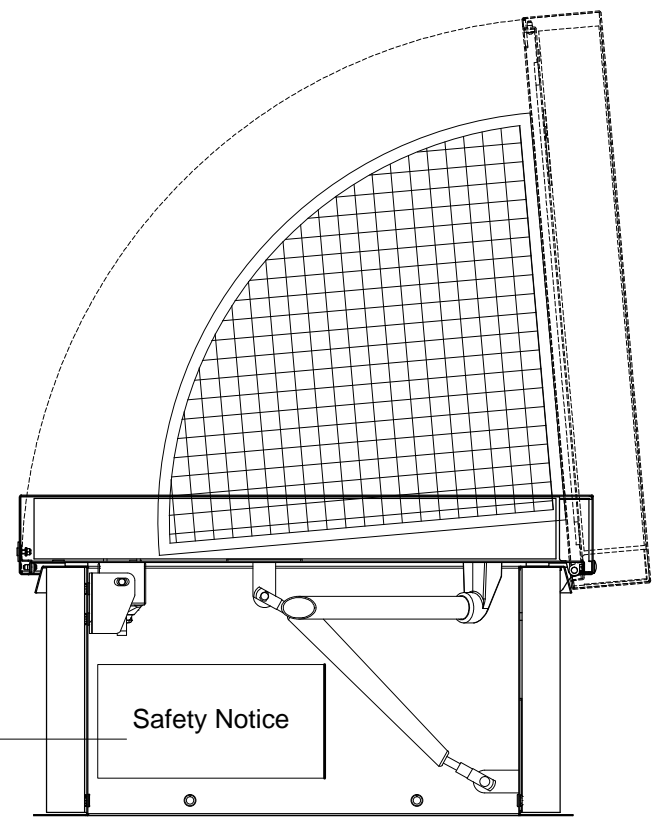
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A	28/10/16	Safety notice added. Safety eye bolt added.



FRONT ELEVATION



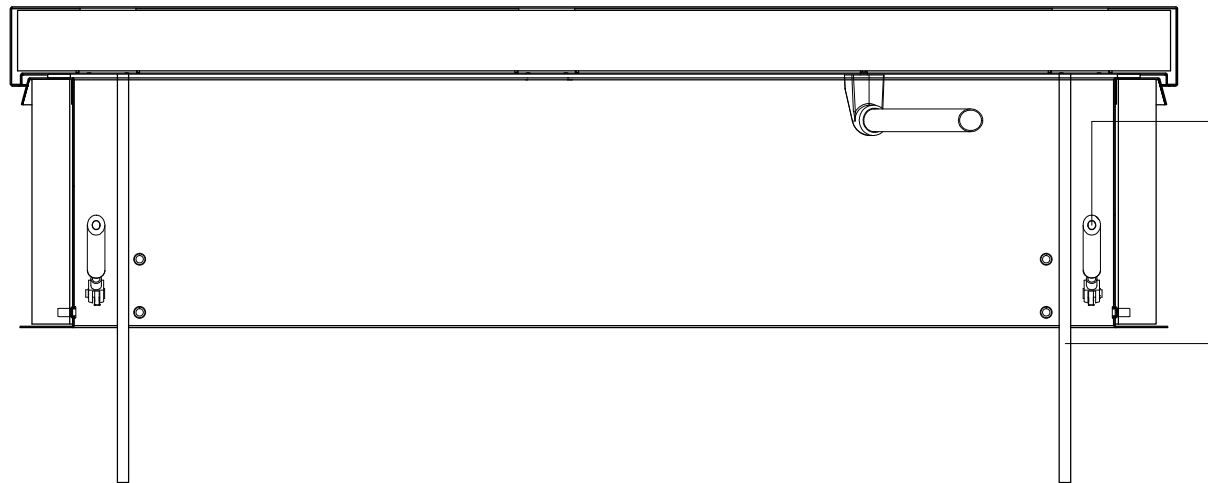
SECTION A - A [UNIT PART OPEN]

Safety Notice

No unauthorised access onto roof surface. All personnel accessing roof surface must be secured by dedicated & length restricted man safe harness and tether. Tether to be limited to 2m to avoid accidental fall from height.

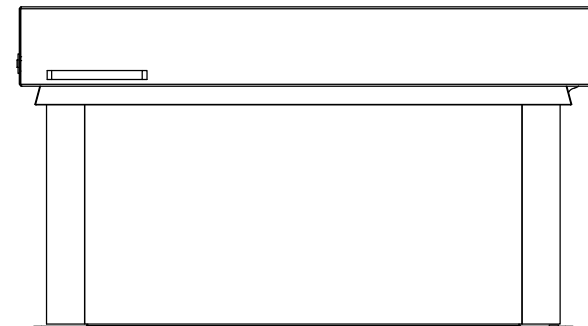
SAFETY NOTICE 1

Safety notices, as per detail, to be secured within access platform area, at the base of the new access ladder and at point of access onto roof surface.



SECTION B - B [UNIT CLOSED]

Edge guard to be held clear of all operating hardware.
 Edge guard to roof access hatch shown in the closed position. Edge guard fixed to hatch opening leaf and will open / close on use of hatch.
 Edge guard to be held clear of all operating hardware.



SIDE ELEVATION

CONVERY PRENTY ARCHITECTS

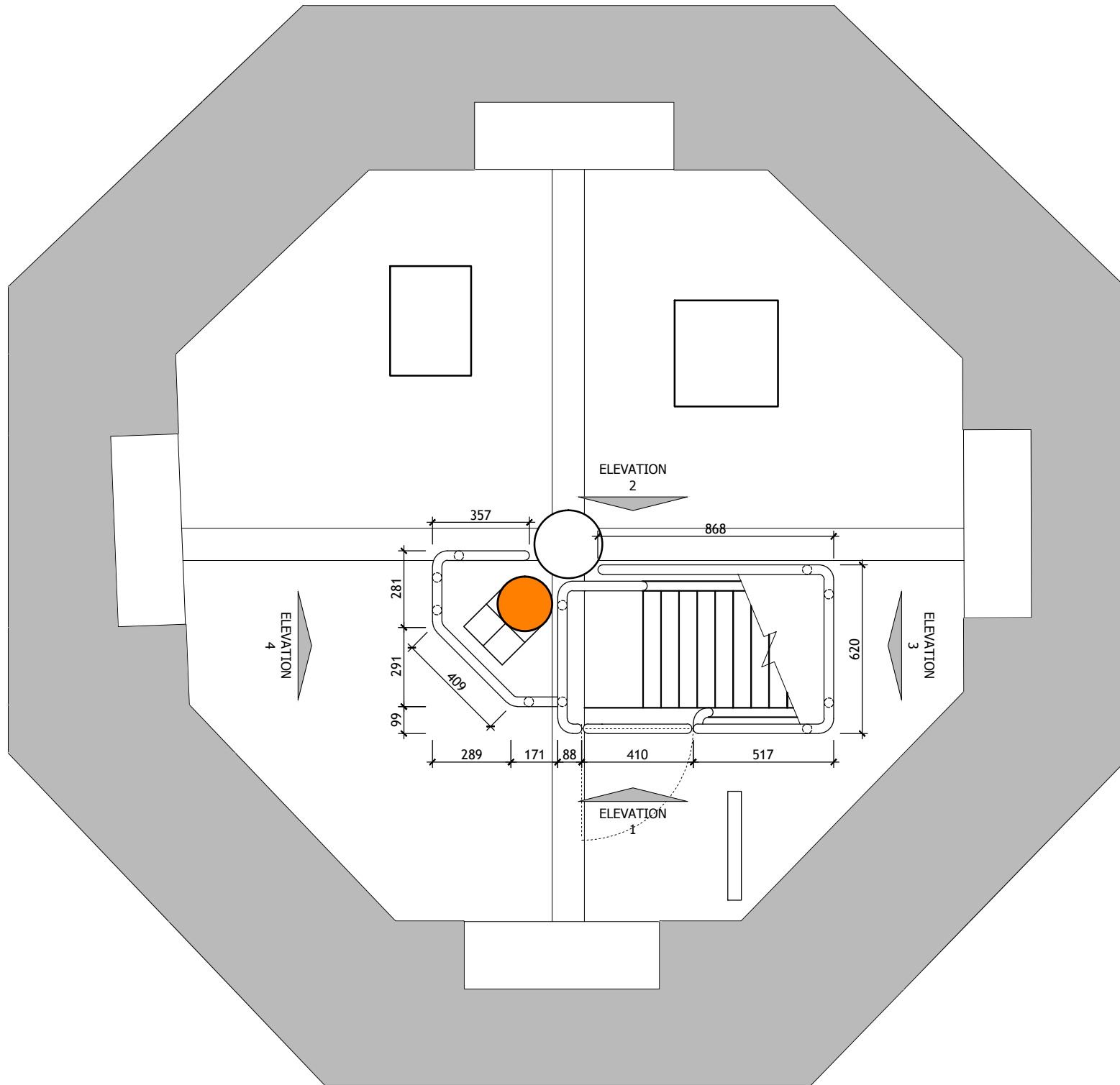
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CLIENT DIO / Carillion Amey
PROJECT EDINBURGH CASTLE CLOCK TOWER
 replacement of existing flat pole

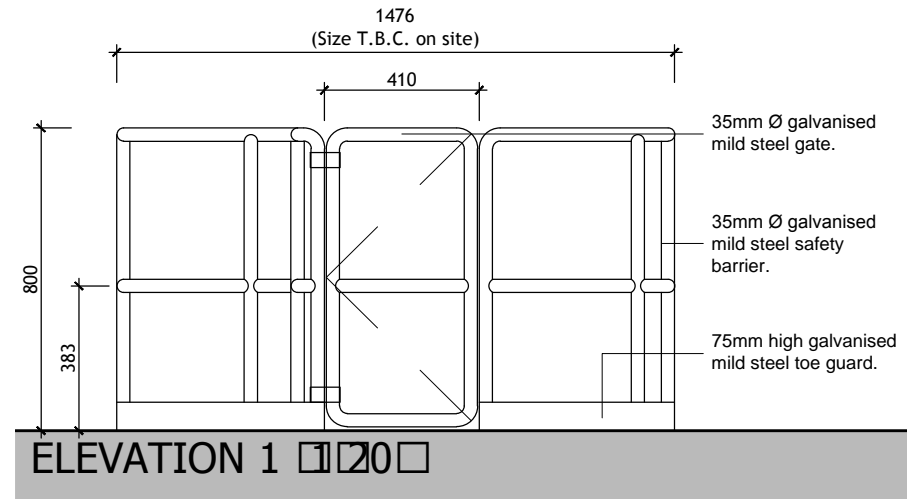
DRAWING Detail of Roof Access Hatch
 As Proposed

PAPER SIZE A3	SCALE 1:10	DATE Oct 16
DRAWING NUMBER 400_507		REVISION A

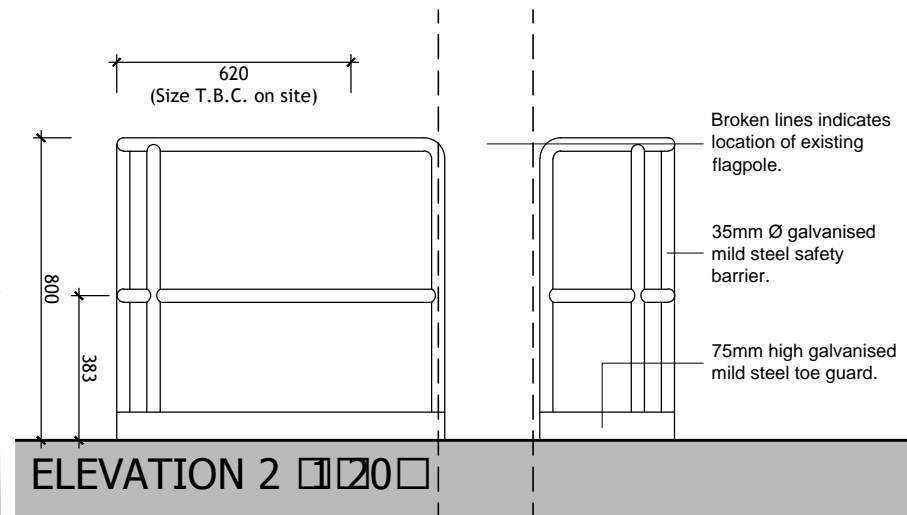
Safety barrier rails to relocated ladder and new flagpole penetration to be formed in 35mm Ø galvanised mild steel. Barrier rails must be capable of resisting loads calculated in accordance with BS EN 1991-1-1 and the associated PD 6688-1-1. Fixing method, fixings and tube size all subject to Structural Engineers separate detail and specification.



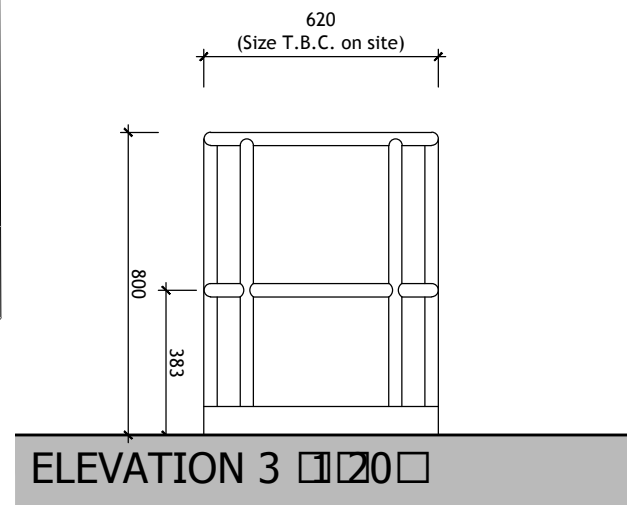
PLAN ON SAFETY BARRIER DECK 2 1:20



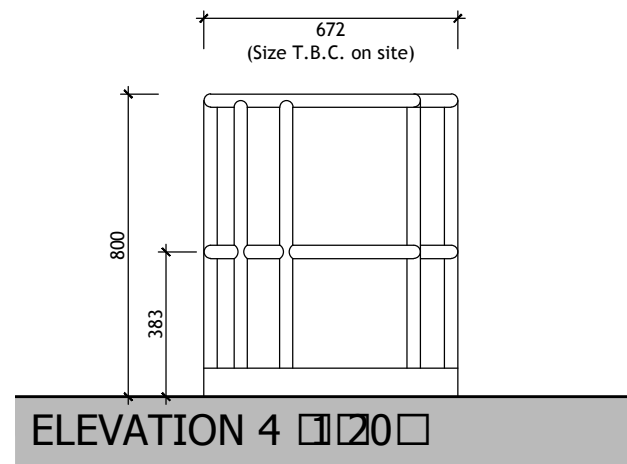
ELEVATION 1 1:20



ELEVATION 2 1:20



ELEVATION 3 1:20



ELEVATION 4 1:20

General Notes:

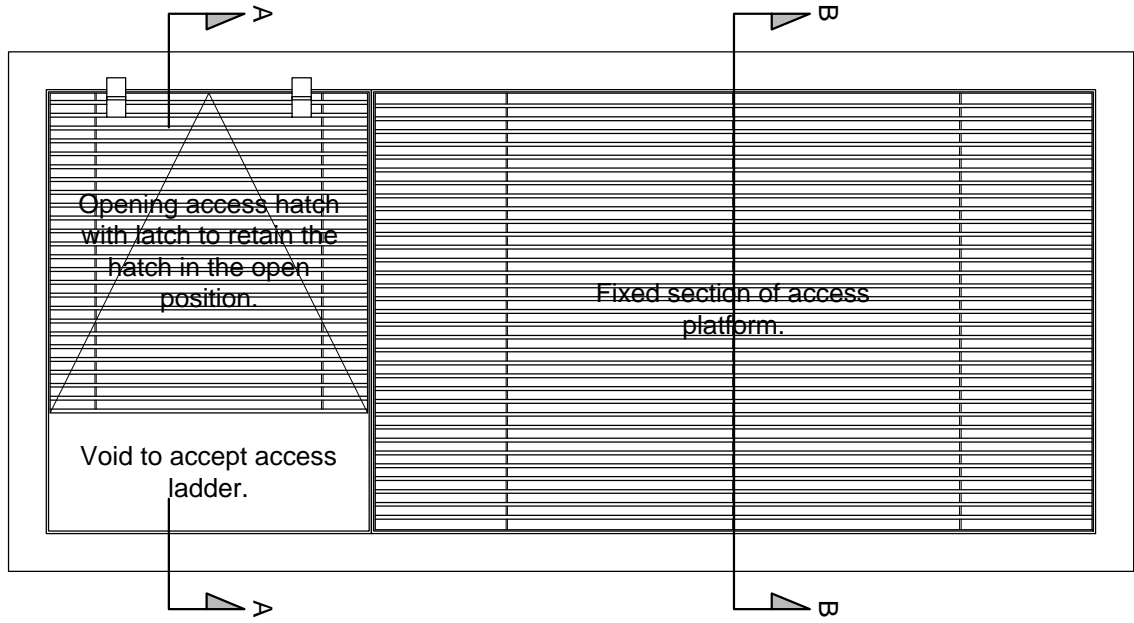
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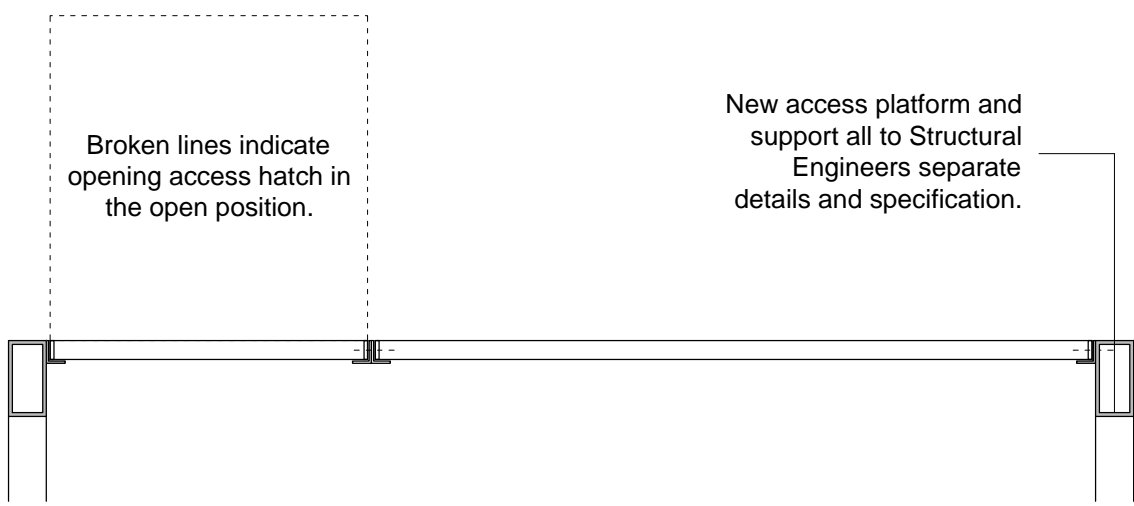
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CLIENT DIO / Carillion Amey
PROJECT EDINBURGH CASTLE CLOCK TOWER
 replacement of existing flat pole
DRAWING Detail of Safety Barrier
 Floor Deck 2
 As Proposed

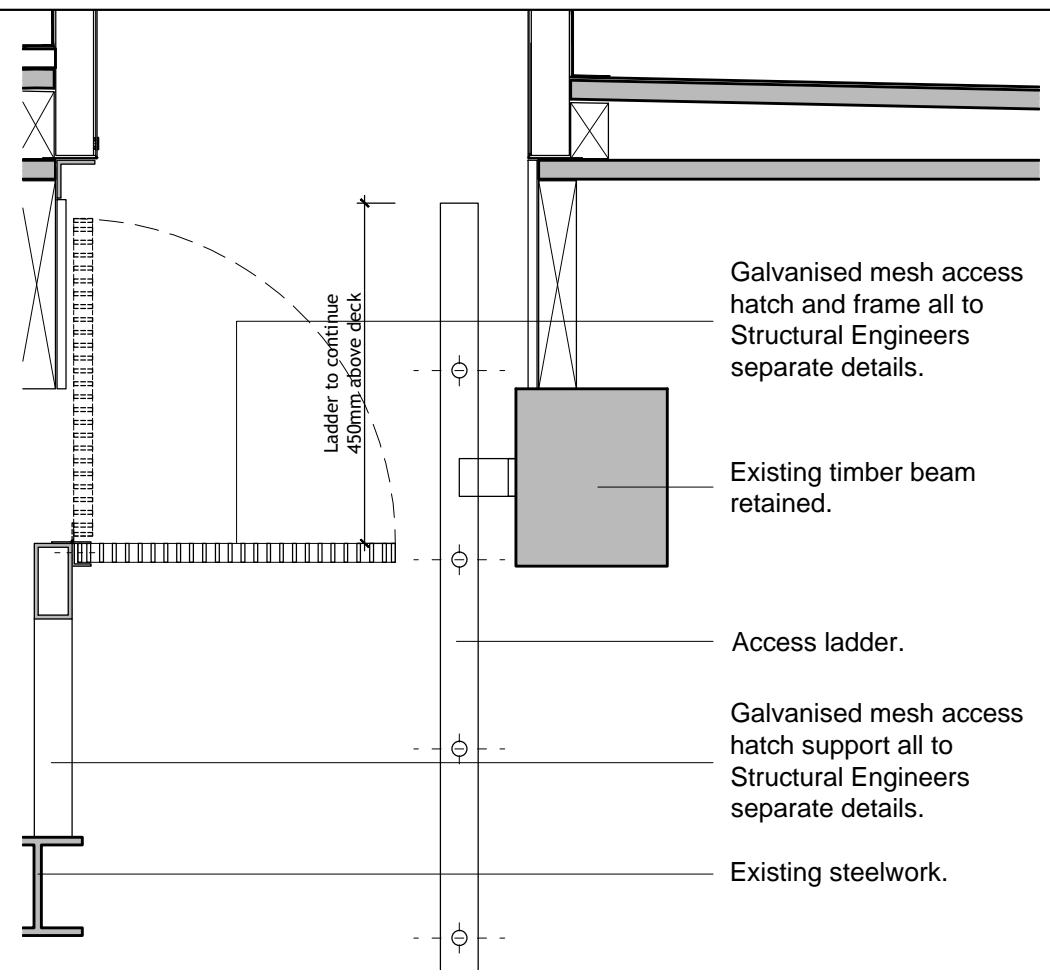
PAPER SIZE A3	SCALE Shown	DATE Oct 16
DRAWING NUMBER 400_508		REVISION -



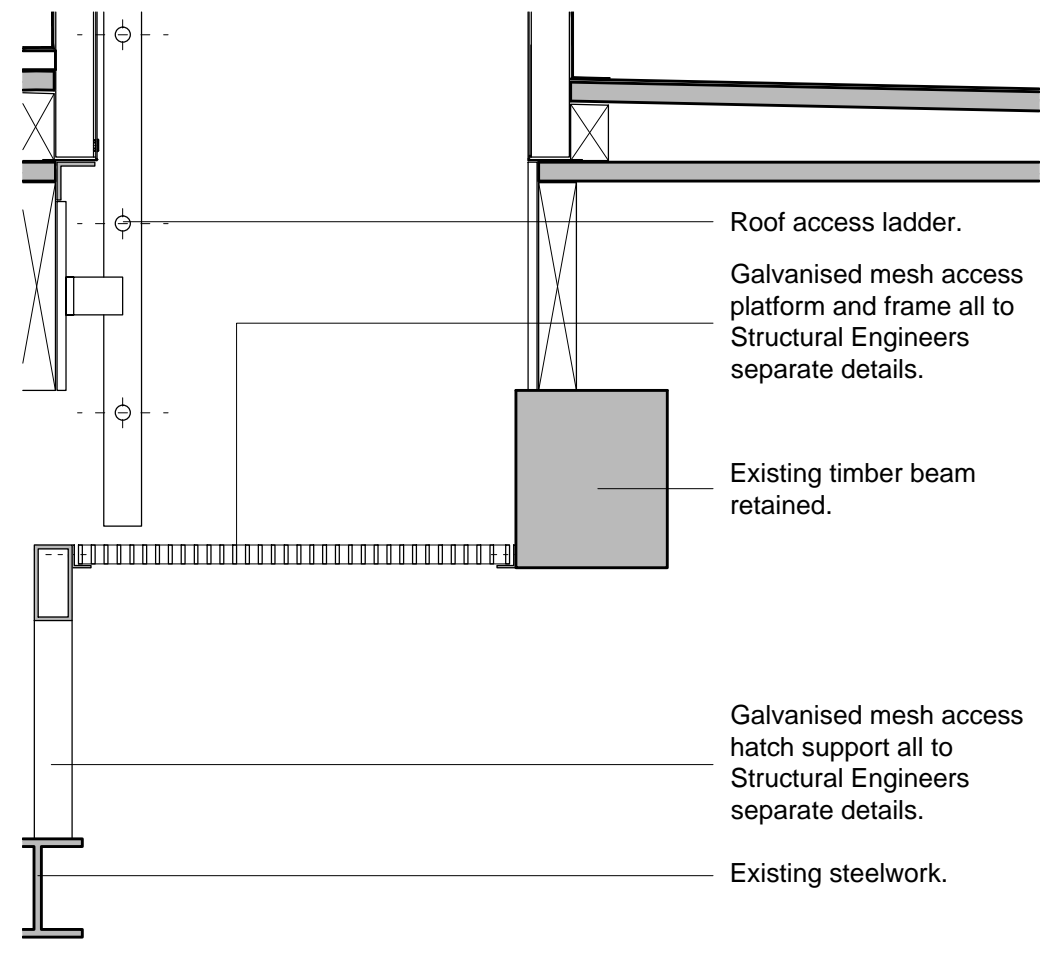
PLAN ON ACCESS PLATFORM 1:10



LONG SECTION THROUGH ACCESS PLATFORM 1:10



SECTION A - A 1:10



SECTION B - B 1:10

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CLIENT DIO / Carillion Amey
PROJECT EDINBURGH CASTLE CLOCK TOWER
replacement of existing flat pole

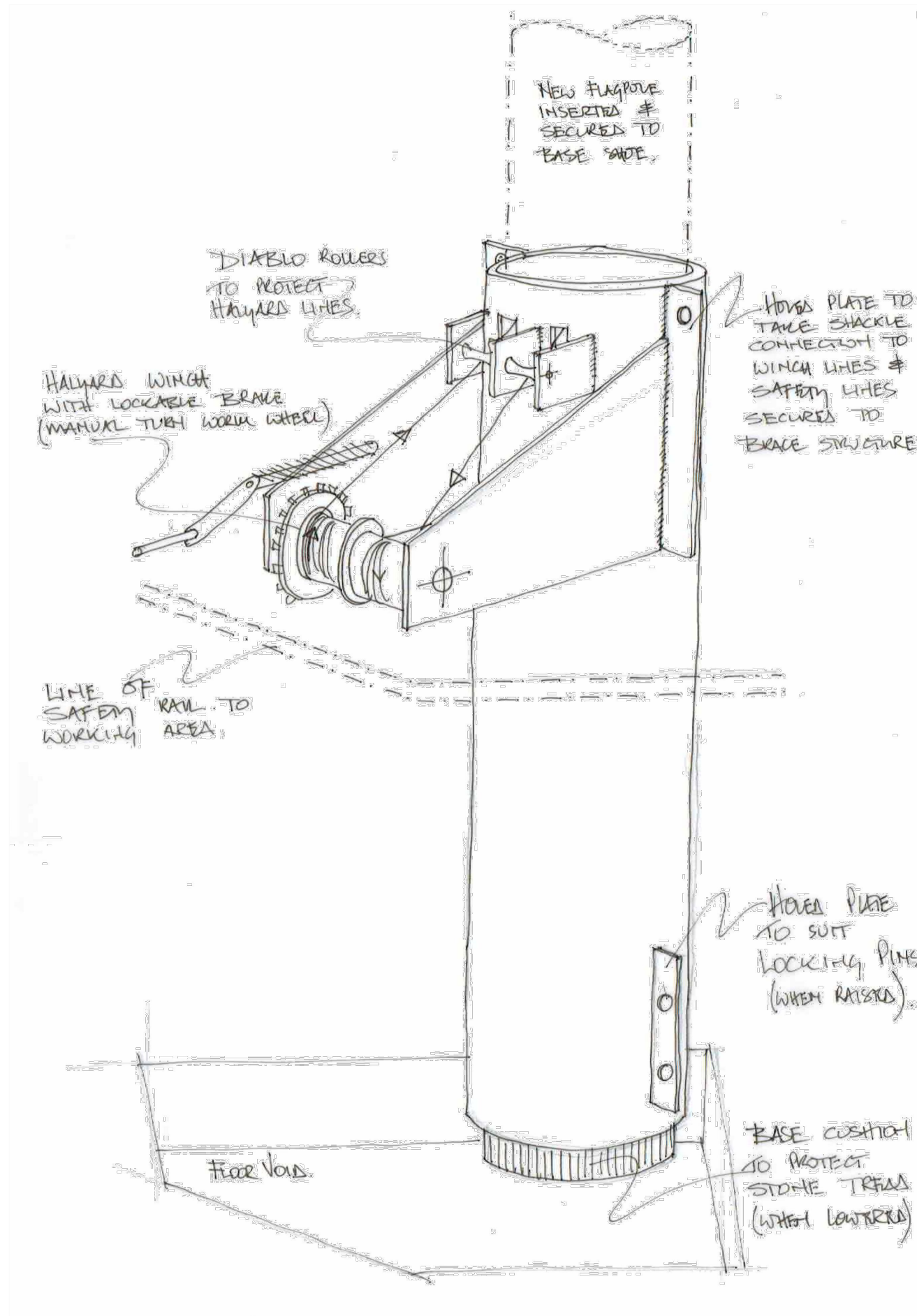
DRAWING Detail of Access Platform
As Proposed

PAPER SIZE A3	SCALE 1:10	DATE Oct 16
DRAWING NUMBER 400_509		REVISION -

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PROPOSED BASE SHOE TO FLAG POLE

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CLIENT DIO / Carillion Amey
PROJECT EDINBURGH CASTLE
CLOCK TOWER
replacement of existing flat pole

DRAWING Proposed base shoe
to flag pole

PAPER SIZE	SCALE	DATE
A3	NTS	Sep 16
DRAWING NUMBER		REVISION
400_510		-

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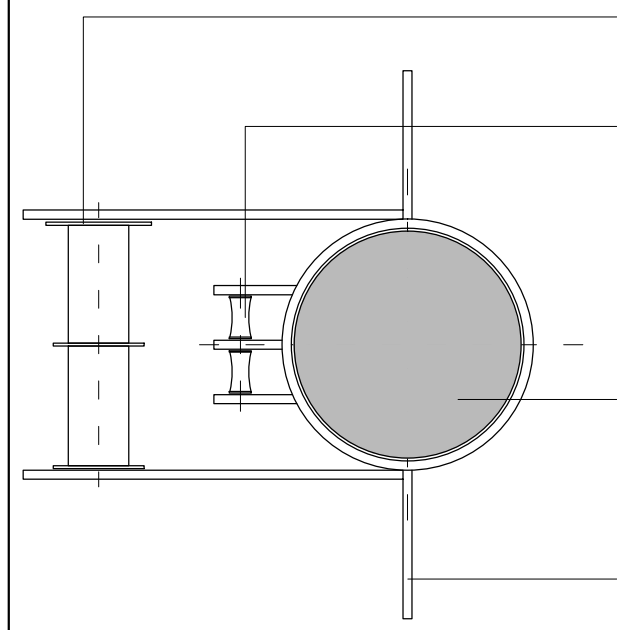
revision	date	note

Halyard winch with lockable brace (manual turn worm wheel).

'Diablo' rollers to protect halyard lines.

New 120mm Ø GRP retractable flagpole to be confirmed.

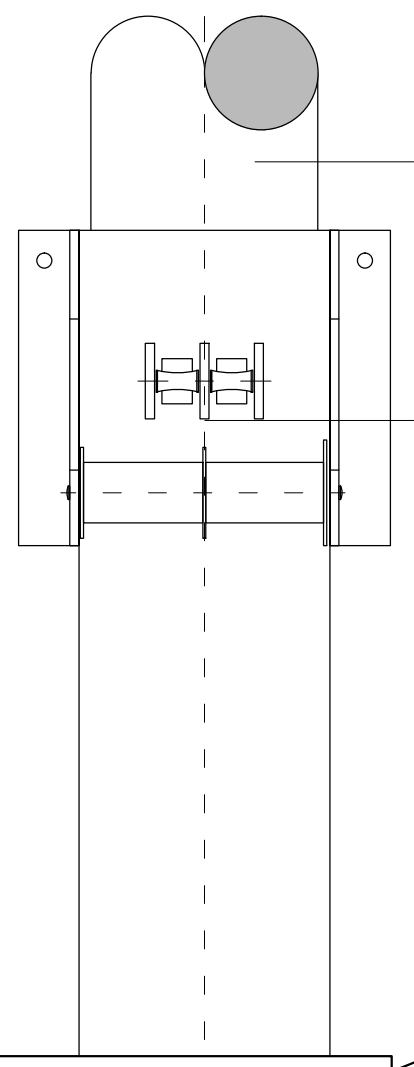
Holed plate to take shackle connection to winch lines and safety lines secured to brace structure.



PLAN OF FLAGPOLE BASE SHOE 1 1 5 □

New 120mm Ø GRP retractable flagpole to be confirmed.

Holed plate to take shackle connection to winch lines and safety lines secured to brace structure.

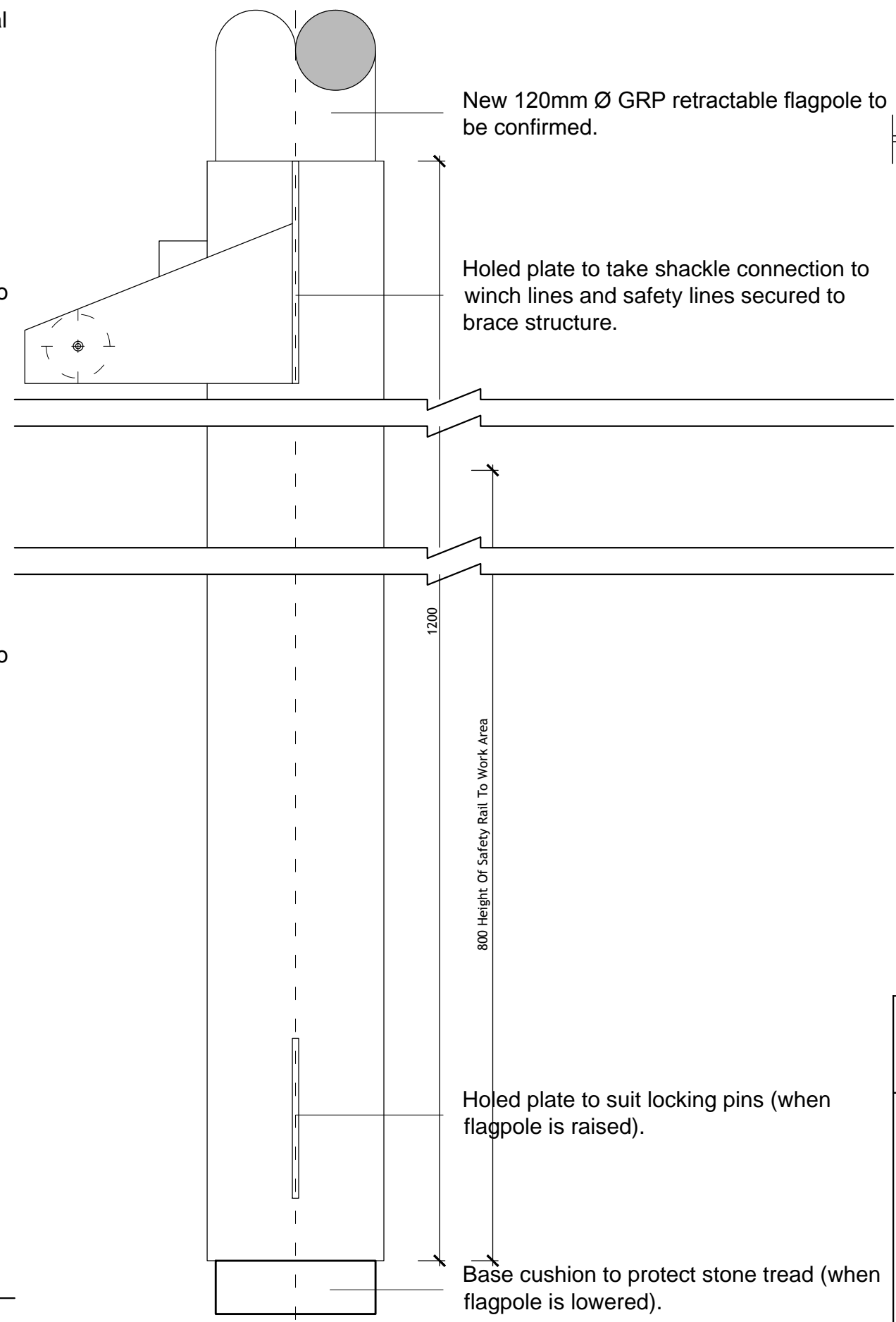


FRONT ELEVATION OF FLAGPOLE BASE SHOE 1 1 5 □

DETAILS OF FLAGPOLE BASE SHOE 1 1 5

New 120mm Ø GRP retractable flagpole to be confirmed.

Holed plate to take shackle connection to winch lines and safety lines secured to brace structure.



SIDE ELEVATION OF FLAGPOLE BASE SHOE 1 1 5 □

1200
800 Height Of Safety Rail To Work Area

Holed plate to suit locking pins (when flagpole is raised).

Base cushion to protect stone tread (when flagpole is lowered).

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CLIENT	DIO / Carillion Amey
PROJECT	EDINBURGH CASTLE CLOCK TOWER replacement of existing flat pole
DRAWING	Detail of Flagpole Base Shoe As Proposed

PAPER SIZE	SCALE	DATE
A3	1 1 5	Oct 16
DRAWING NUMBER	REVISION	
400_511	-	

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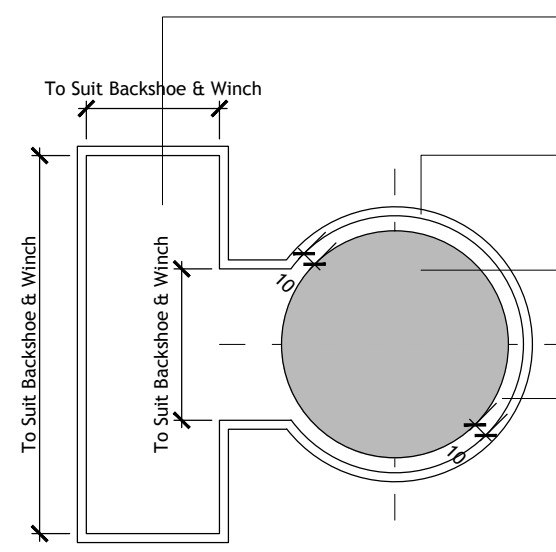
revision	date	note

Collar to allow for back shoe and winch to pass through when flagpole is retracted.

100 x 6mm thick flagpole collar fixed securely within the depth of floor level 01 all to Structural Engineers design.

New 120mm Ø GRP retractable flagpole to be confirmed.

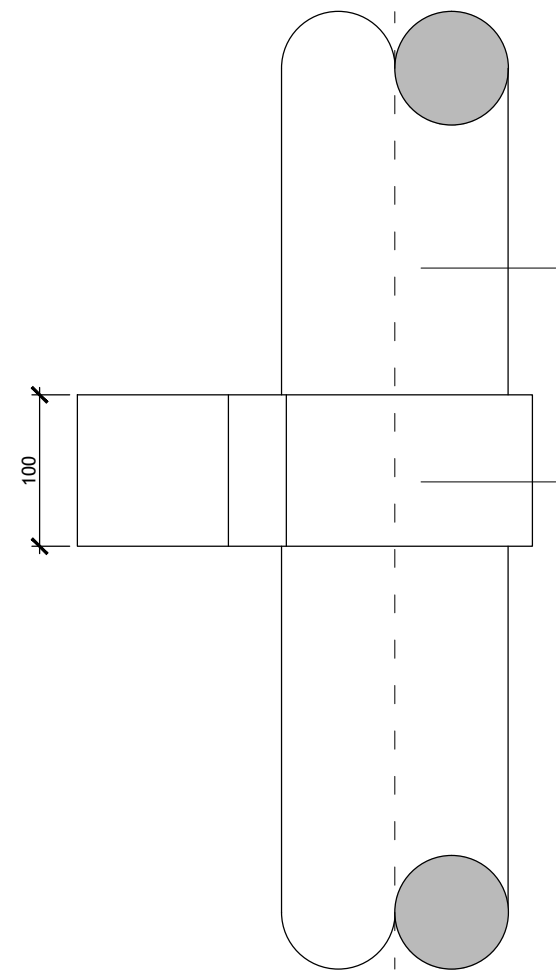
10mm offstand gap between flagpole and flagpole collar. Neoprene liner fitted into offstand gap.



PLAN OF FLOOR COLLAR 1:5

New 120mm Ø GRP retractable flagpole to be confirmed.

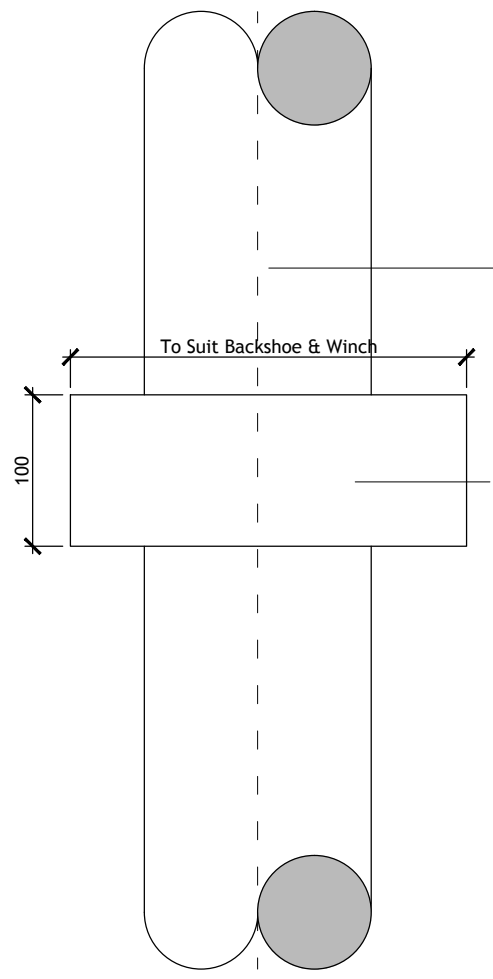
100 x 6mm thick flagpole collar fixed securely within the depth of floor level 01 all to Structural Engineers design.



SIDE ELEVATION OF FLOOR COLLAR 1:5

New 120mm Ø GRP retractable flagpole to be confirmed.

100 x 6mm thick flagpole collar fixed securely within the depth of floor level 01 all to Structural Engineers design.



FRONT ELEVATION OF FLOOR COLLAR 1:5

DETAILS OF FLAGPOLE FLOOR COLLAR 1:5 FLOOR DECK 01

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CLIENT	DIO / Carillion Amey	
PROJECT	EDINBURGH CASTLE CLOCK TOWER replacement of existing flat pole	
DRAWING	Detail of Flagpole Floor Collar As Proposed	
PAPER SIZE	SCALE	DATE
A3	1:5	Sep 16
DRAWING NUMBER		REVISION
400_512		-