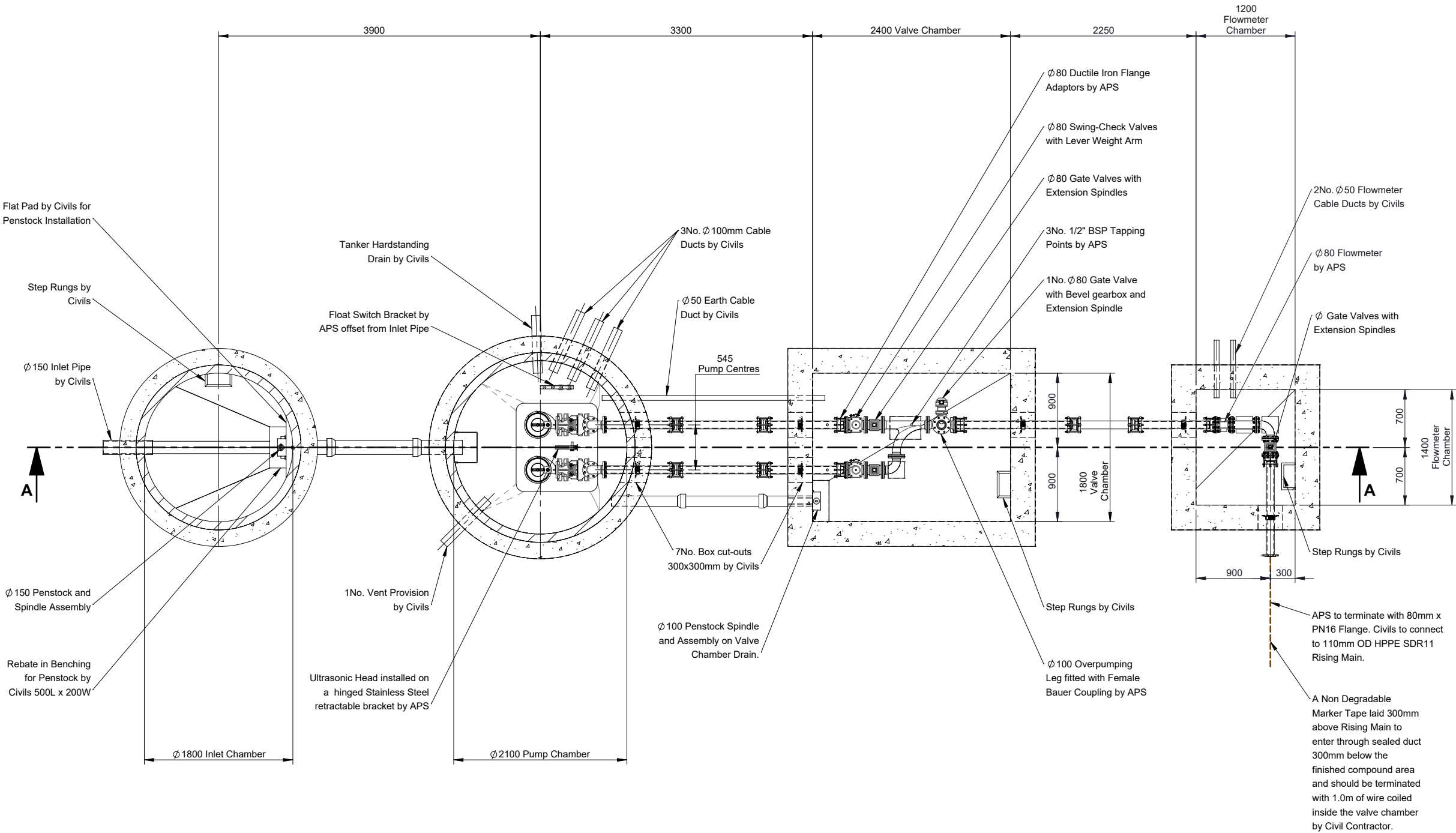


SECTIONAL PLAN VIEW



Approved by:

Date:

Signed:

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7. Cable ducts to be sealed with 'RISE' sealant.
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11. All fittings are to be stainless steel.
12. The pumps are to be labelled 'Pump 1' & 'Pump 2'.
13. All Equipment within wet well and valve chamber to be earth bonded by APS in accordance with Design and Construction Guidance and IWNL Specification.
14. All fixing bolts into concrete to be stainless steel.

A	Drawing for Approval	11/10/2023	GR
Issue:	Description:	Date:	Auth:



Tel: 01743465463
Fax: 01743452050
Email: sales@allpumpsolutions.com



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FLUID EXPERTISE

Title: **Foul Water Pump Station to Design and Construction Guidance / IWNL Specification**
- Sectional Plan View

Contract: **Barnburgh Lane, Rotherham (FW)**

Contractor: **Homes by Honey Ltd**

Consulting Engineer: **Eastwood & Partners Ltd**

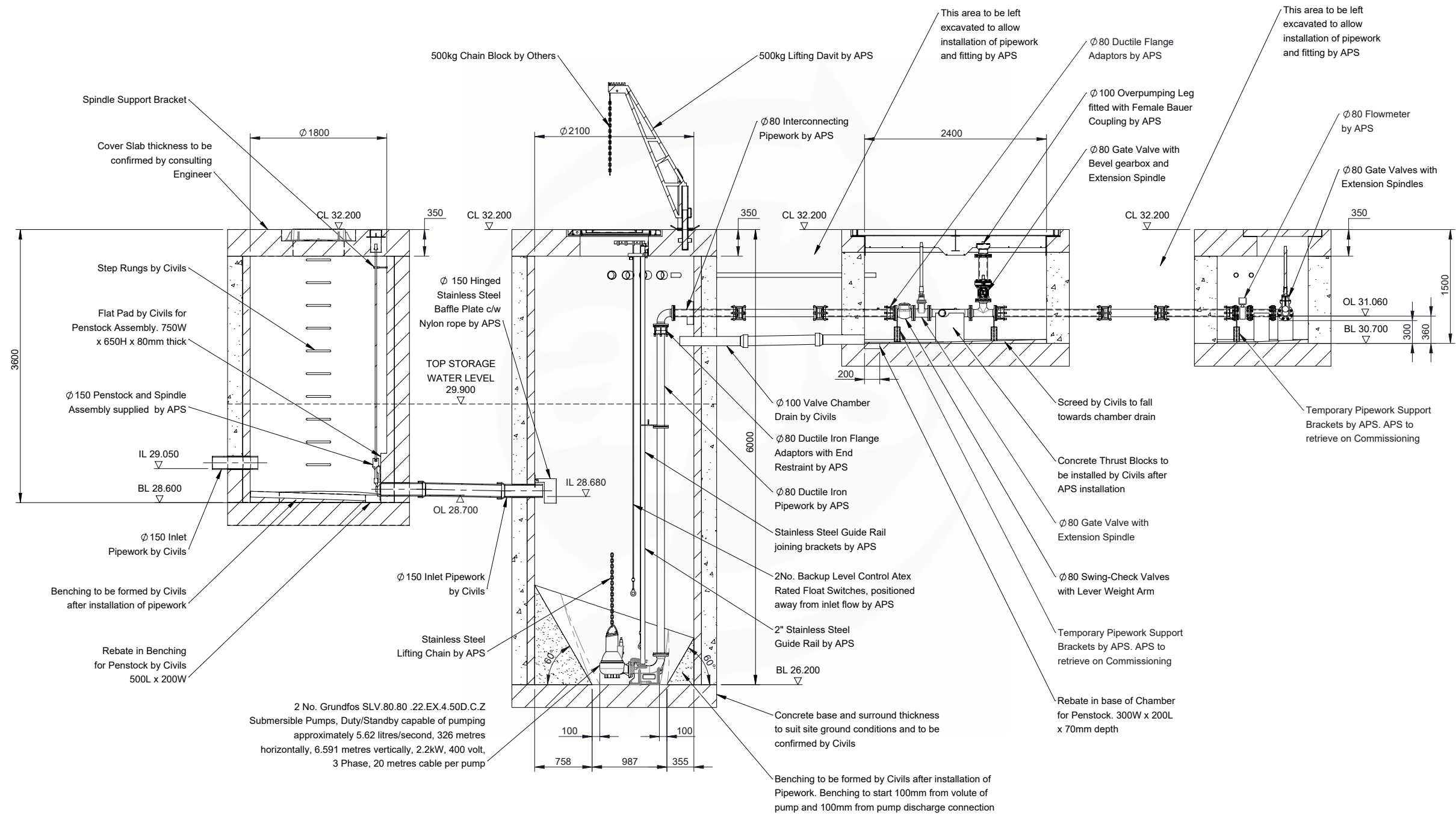
Works Order Number: **9684**

Size:	Scale:	Drawn:	Checked:	Approved:
A3	1:55	GR	CW	CW

Drawing Number: **EQ5522-152460-100** Date: **11/10/2023**

Internal Reference: **APS 5522** Issue: **A**

ELEVATION SECTION VIEW



SECTION A-A

Pump Operating Levels	
Pump Stop	26.550
Duty Pump Start	26.950
Standby Pump Start	27.100
High Level Alarm	27.250
Duty Point	26.750

Approved by:

Date:

Signed:

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14. All fixing bolts into concrete to be stainless steel.

A	Drawing for Approval	11/10/2023	GR
Issue:	Description:	Date:	Auth:



Tel: 01743465463
Fax: 01743452050
Email: sales@allpumpsolutions.com

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FLUID EXPERTISE

Title: **Foul Water Pump Station to Design and Construction Guidance / IWNL Specification**
- Elevation Section View

Contract: **Barnburgh Lane, Rotherham (FW)**

Contractor: **Homes by Honey Ltd**

Consulting Engineer: **Eastwood & Partners Ltd**

Works Order Number: **9684**

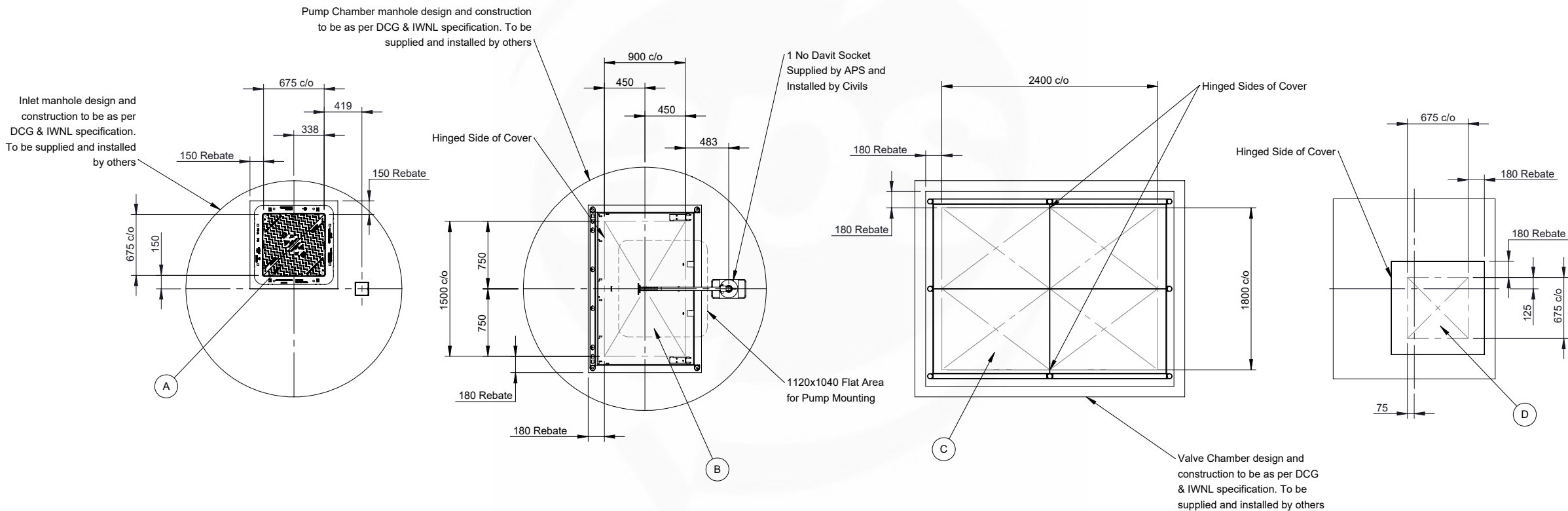
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A3	1:60	GR	CW	CW

Drawing Number: **EQ5522-152460-200** Date: **11/10/2023**

Internal Reference: **APS 5522** Issue: **A**

COVER DETAIL

COVER	CHAMBER	DESCRIPTION
A	INLET CHAMBER	1No 675x675mm Clear Opening D400 Ductile Iron Access Cover. Supply by APS, Install by Civils
B	PUMP CHAMBER	1 No. Pump Chamber 1500mm x 900mm clear opening. Stamp-Lock Prolift Mild steel hinged access cover and frame. Plain seated - no seal, Torsion spring assisted lift, "Teagle" (pump through) safety grid, 'Stamp-lock' unique locking mechanism, External demountable safety barriers, Recessed padlock box, Self locating cover safety stays. FACTA B loading class, Galvanized to BS EN 1461.
C	VALVE CHAMBER	1 No. Valve Chamber 2400mm x 1800mm clear opening. Stamp-Lock Prolift Mild steel hinged access cover and frame. Plain seated - no seal, Torsion spring assisted lift, single safety grid, 'Stamp-lock' unique locking mechanism, External demountable safety barriers, Recessed padlock box, Self locating cover safety stays. FACTA B loading class, Galvanized to BS EN 1461.
D	FLOWMETER CHAMBER	1 No. Inlet Chamber 675mm x 675mm clear opening. Stamp-Lock Prolift Mild steel hinged access cover and frame. Plain seated - no seal, Torsion spring assisted lift, single safety grid, 'Stamp-lock' unique locking mechanism, External demountable safety barriers, Recessed padlock box, Self locating cover safety stays. FACTA B loading class, Galvanized to BS EN 1461.



Approved by:

Date:

Signed:

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Notes

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13. All Equipment within wet well and valve chamber to be earth bonded by APS in accordance with Design and Construction Guidance and IWNL Specification.
14. All fixing bolts into concrete to be stainless steel.

A	Drawing for Approval	11/10/2023	GR
Issue:	Description:	Date:	Auth:

Tel: 01743465463
Fax: 01743452050
Email: sales@allpumpsolutions.com

aps

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FLUID EXPERTISE

Title: **Foul Water Pump Station to Design and Construction Guidance / IWNL Specification - Cover Detail**

Contract: **Barnburgh Lane, Rotherham (FW)**

Contractor: **Homes by Honey Ltd**

Consulting Engineer: **Eastwood & Partners Ltd**

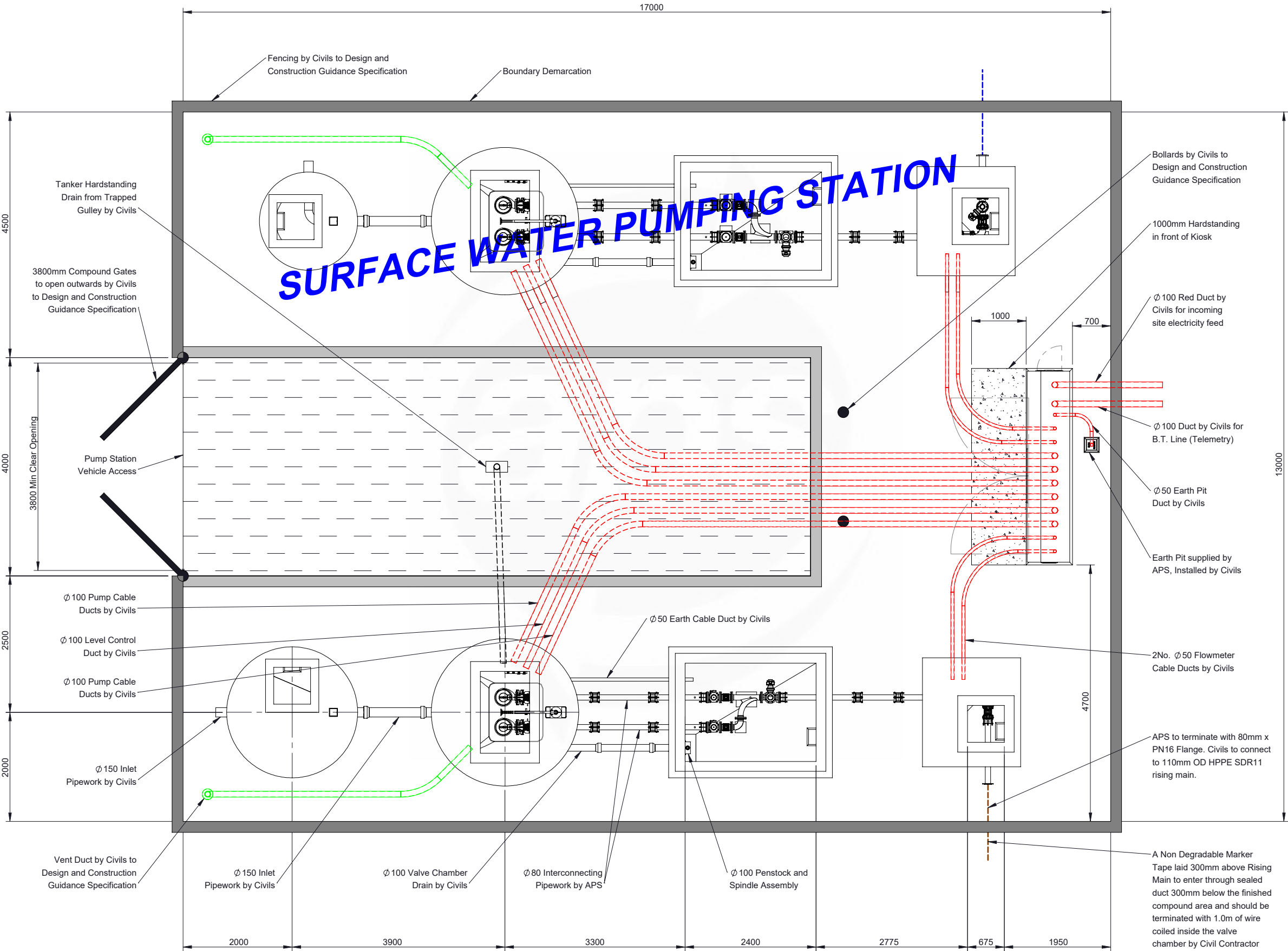
Works Order Number: **9684**

Size:	Scale:	Drawn:	Checked:	Approved:
A3	1:55	GR	CW	CW

Drawing Number: **EQ5522-152460-300** Date: **11/10/2023**

Internal Reference: **APS 5522** Issue: **A**

SITE LAYOUT



Approved by:

Date:

Signed:

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14. All fixing bolts into concrete to be stainless steel.

A	Drawing for Approval	11/10/2023	GR
Issue:	Description:	Date:	Auth:



Tel: 01743465463
Fax:01743452050
Email: sales@allpumpsolutions.com



FLUID EXPERTISE

Title: **Foul Water Pump Station to Design and Construction Guidance / IWNL Specification - Site Layout**

Contract: **Barnburgh Lane, Rotherham (FW)**

Contractor: **Homes by Honey Ltd**

Consulting Engineer: **Eastwood & Partners Ltd**

Works Order Number: **9684**

Size:	Scale:	Drawn:	Checked:	Approved:
A3	1:75	GR	CW	CW

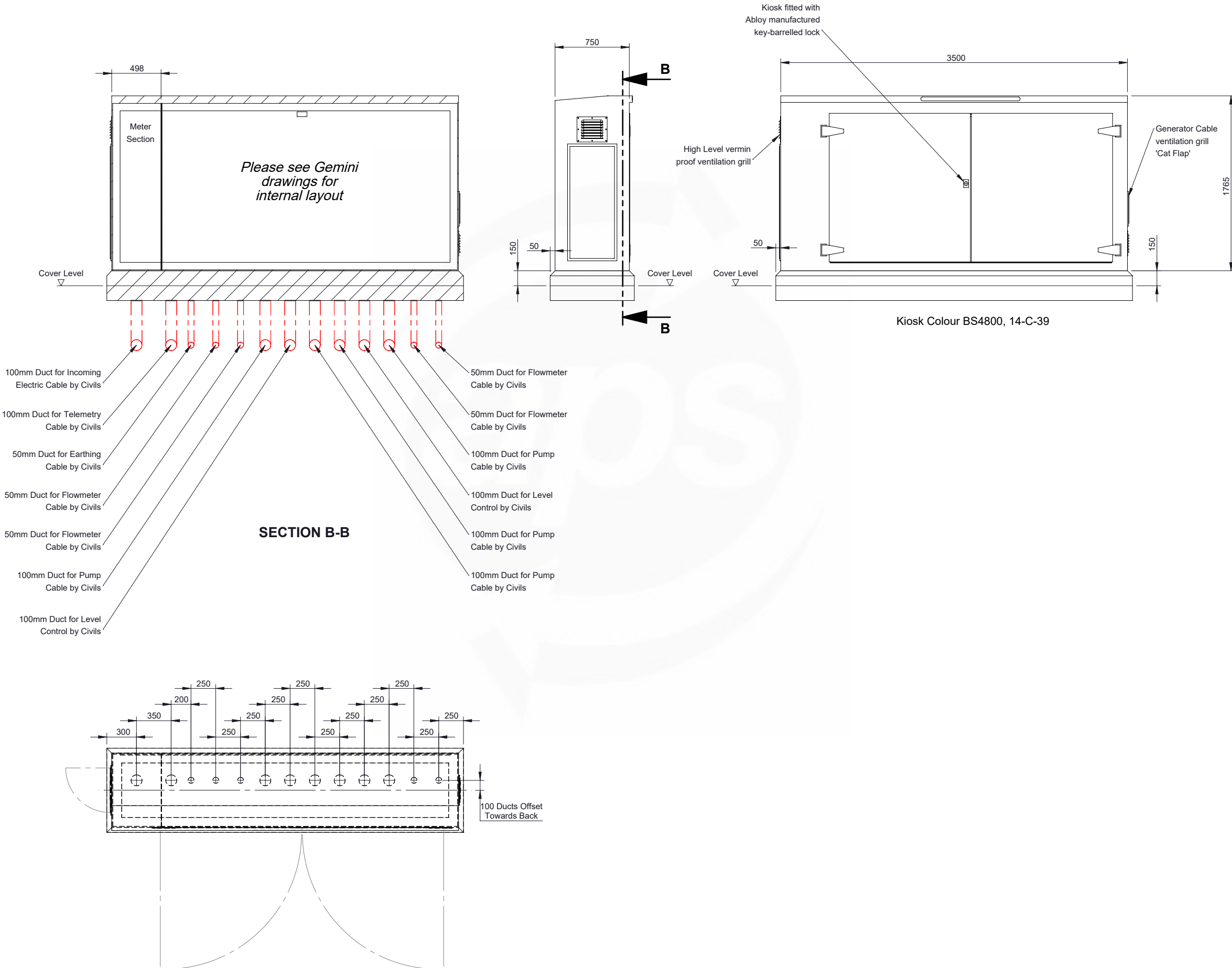
Drawing Number: **EQ5522-152460-400**

Date: **11/10/2023**

Internal Reference: **APS 5522**

Issue: **A**

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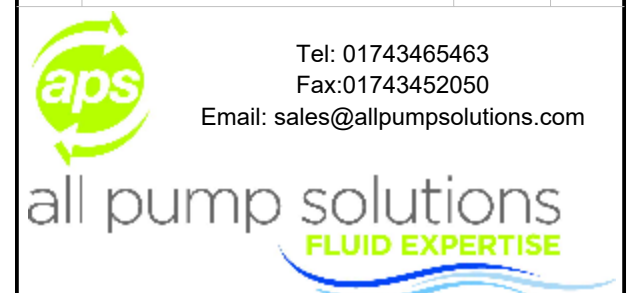
Date:

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A	Drawing for Approval	11/10/2023	GR
Issue:	Description:	Date:	Auth:



**Title: Foul Water Pump Station to Design and Construction
Guidance / IWNL Specification**
- Kiosk Detail

Contract:	Barnburgh Lane, Rotherham (FW)
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Contractor: **Homes by Honey Ltd**

Consulting Engineer:	Eastwood & Partners Ltd
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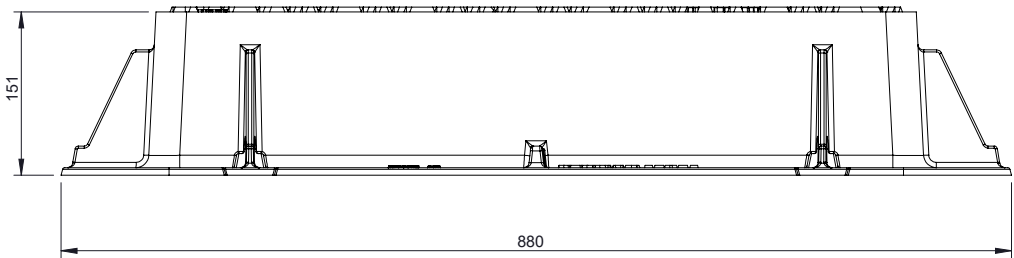
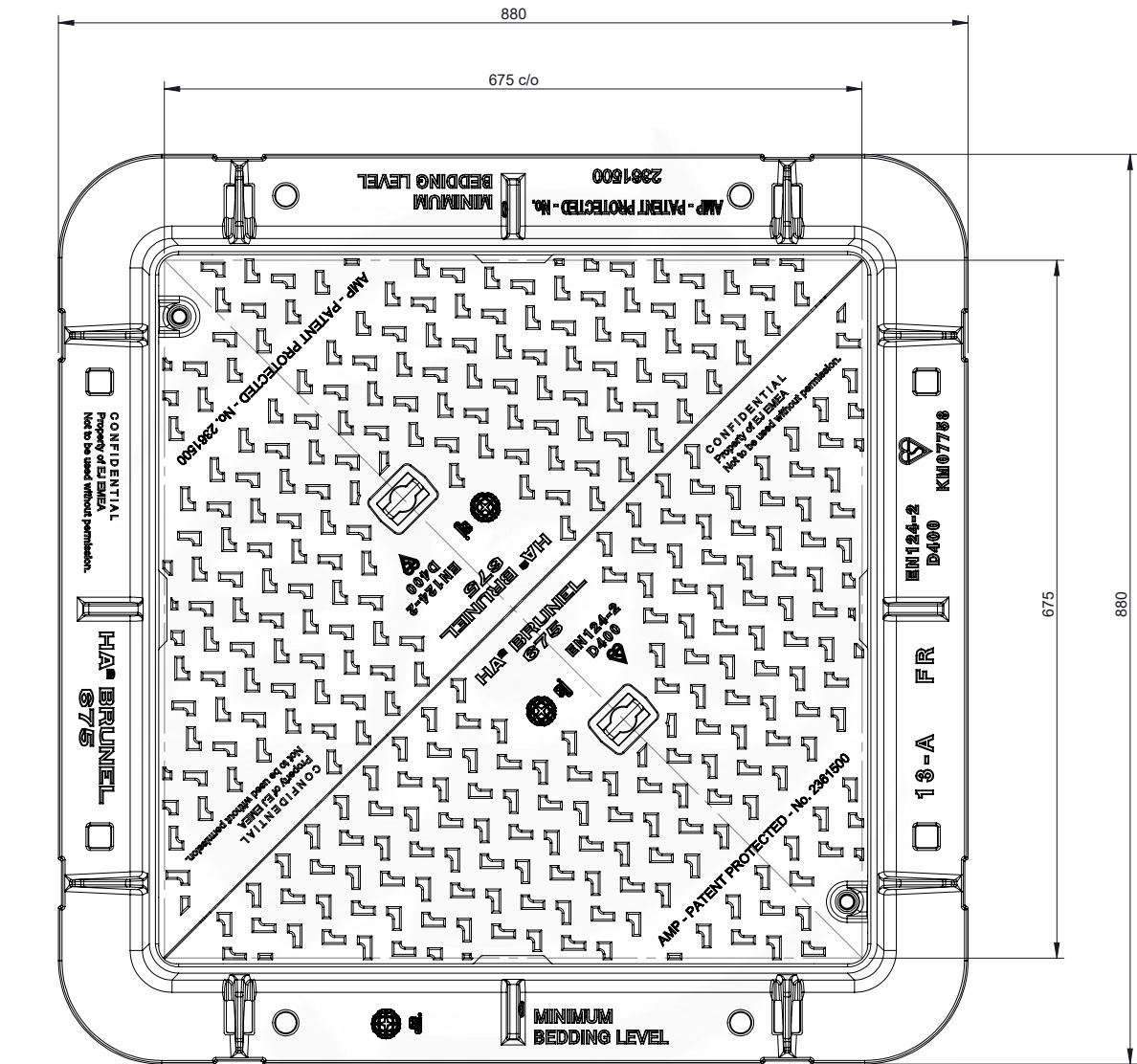
Works Order Number: **9684**

Size: A3	Scale: 1:40	Drawn: GR	Checked: CW	Approved: CW
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Drawing Number:	EQ5522-152460-500	Date:	11/10/2023
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Internal Reference:	APS 5522	Issue:	A
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INLET CHAMBER ACCESS COVER



Approved by:

Date:

Signed:

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A	Drawing for Approval	11/10/2023	GR
Issue:	Description:	Date:	Auth:



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Fax:01743452050
Email: sales@allpumpsolutions.com



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FLUID EXPERTISE

Title: **Foul Water Pump Station to Design and Construction Guidance / IWNL Specification**
- Inlet Chamber Access Cover

Contract: **Barnburgh Lane, Rotherham (FW)**

Contractor: **Homes by Honey Ltd**

Consulting Engineer: **Eastwood & Partners Ltd**

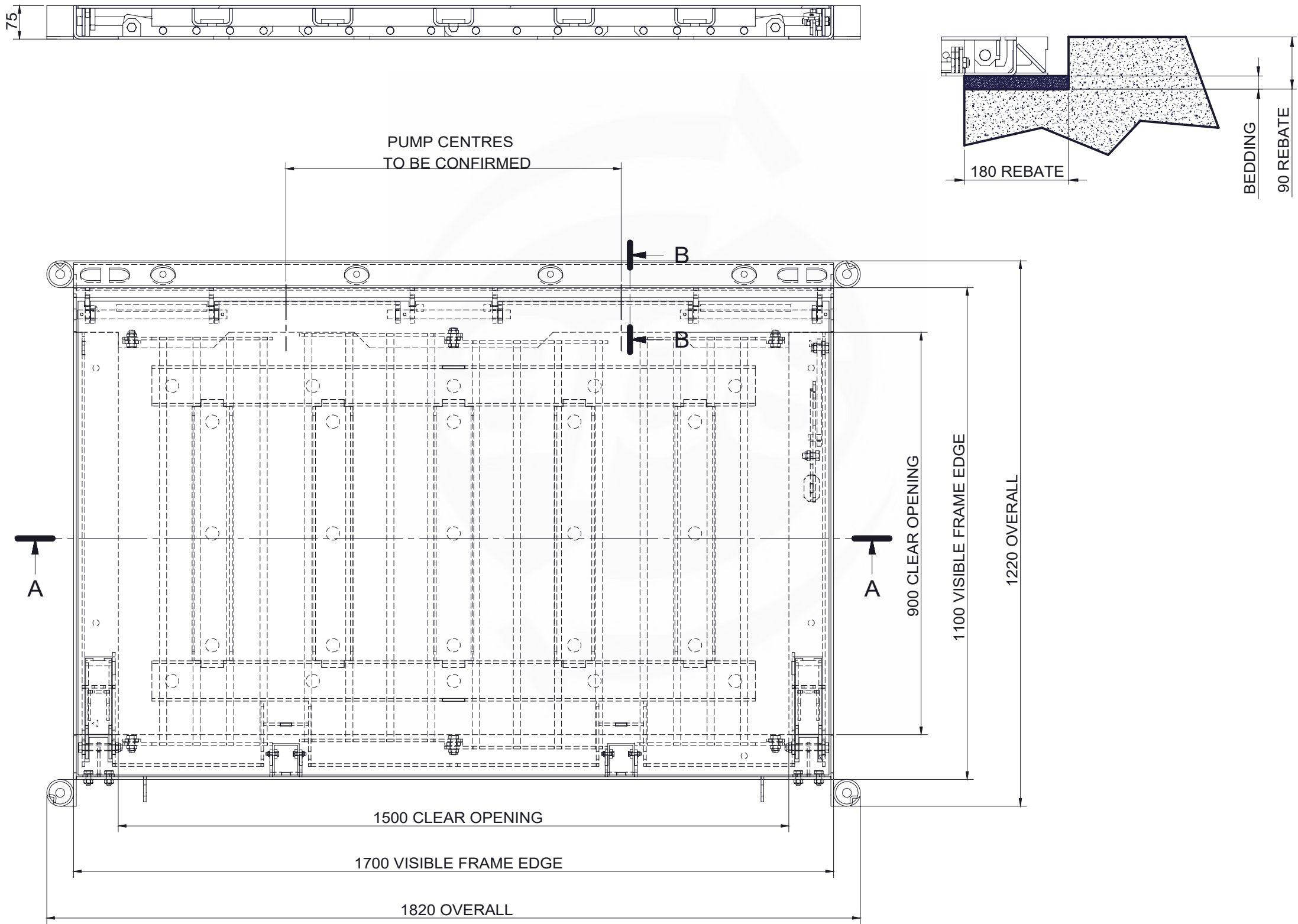
Works Order Number: **9684**

Size:	Scale:	Drawn:	Checked:	Approved:
A3	1:7	GR	CW	CW

Drawing Number: **EQ5522-152460-600** Date: **11/10/2023**

Internal Reference: **APS 5522** Issue: **A**

PUMP CHAMBER ACCESS COVER



Approved by:

Date:

Signed:

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A

Drawing for Approval

11/10/2023

GR

Issue: Description: Date: Auth:

aps

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Fax:01743452050
Email: sales@allpumpsolutions.com

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FLUID EXPERTISE

Title: **Foul Water Pump Station to Design and Construction Guidance / IWNL Specification**
- Pump Chamber Cover

Contract: **Barnburgh Lane, Rotherham (FW)**

Contractor: **Homes by Honey Ltd**

Consulting Engineer: **Eastwood & Partners Ltd**

Works Order Number: **9684**

Size: **A3**

Scale: **1:10**

Drawn: **GR**

Checked: **CW**

Approved: **CW**

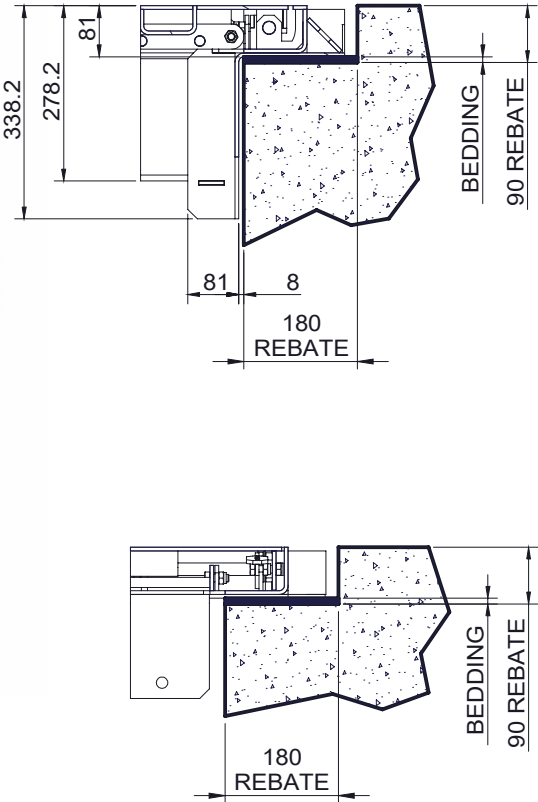
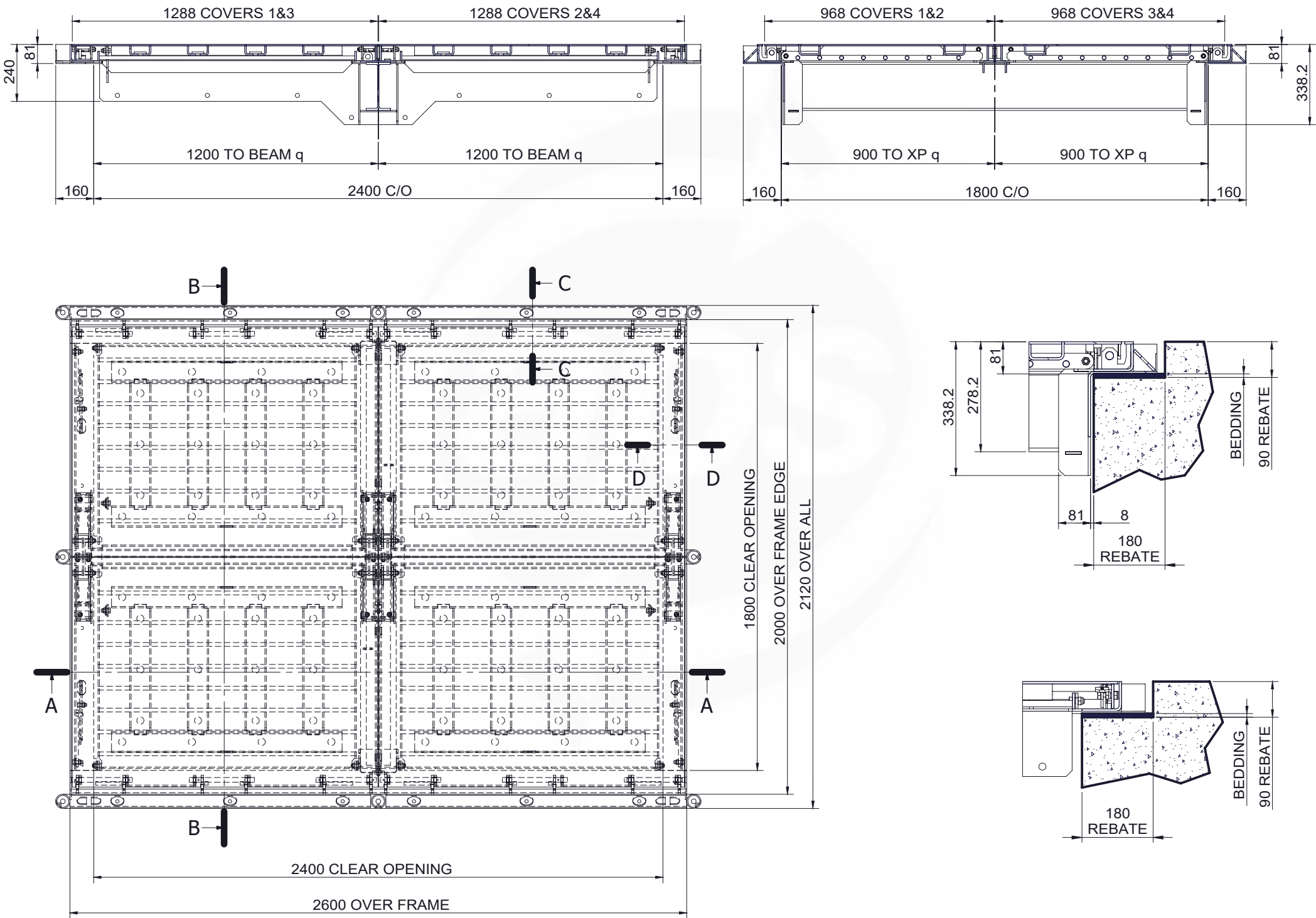
Drawing Number: **EQ5522-152460-700**

Date: **11/10/2023**

Internal Reference: **APS 5522**

Issue: **A**

VALVE CHAMBER ACCESS COVER



Approved by:

Date:

Signed:

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A

Drawing for Approval

11/10/2023

GR

Issue: Description: Date: Auth:

aps

Tel: 01743465463

Fax:01743452050

Email: sales@allpumpsolutions.com

all pump solutions

FLUID EXPERTISE

Title: Foul Water Pump Station to Design and Construction Guidance / IWNL Specification - Valve Chamber Cover

Contract: Barnburgh Lane, Rotherham (FW)

Contractor: Homes by Honey Ltd

Consulting Engineer: Eastwood & Partners Ltd

Works Order Number: 9684

Size: A3

Scale: 1:20

Drawn: GR

Checked: CW

Approved: CW

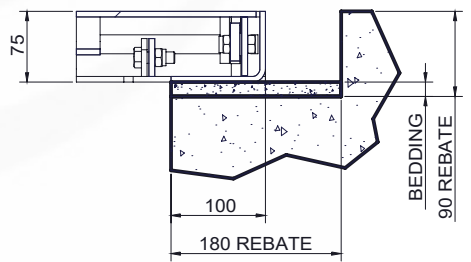
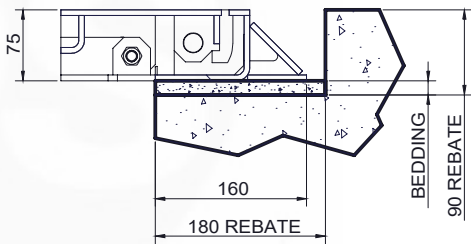
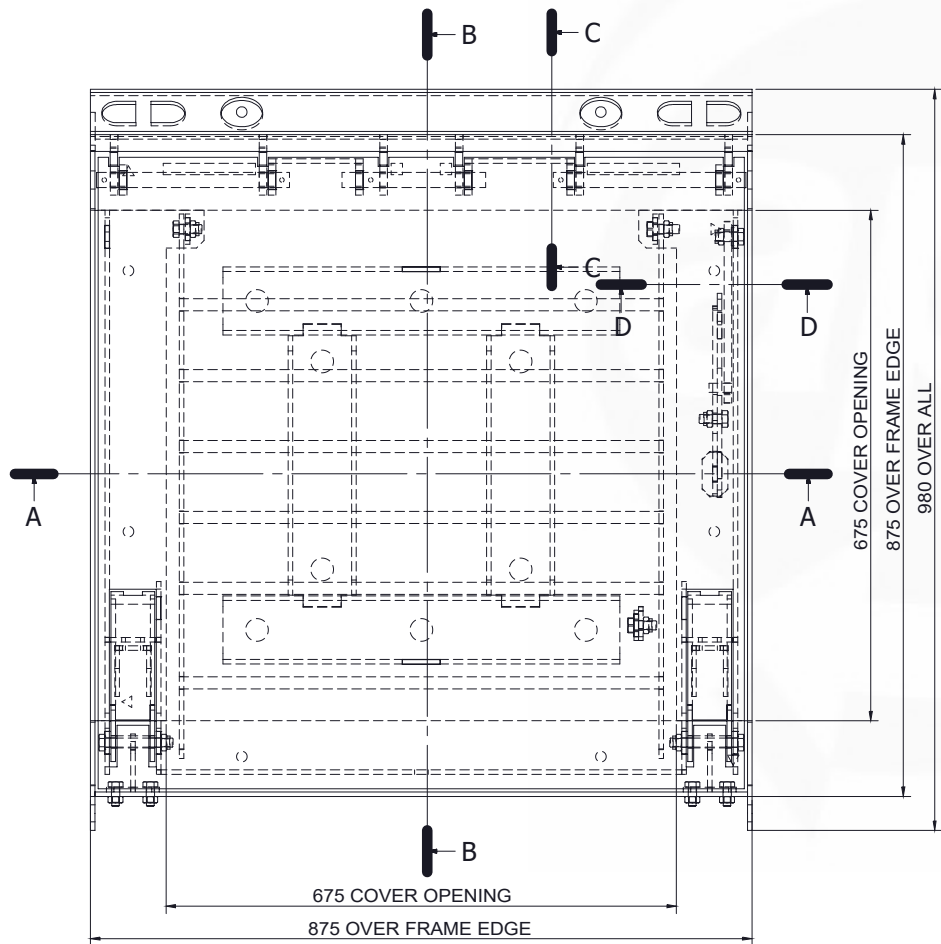
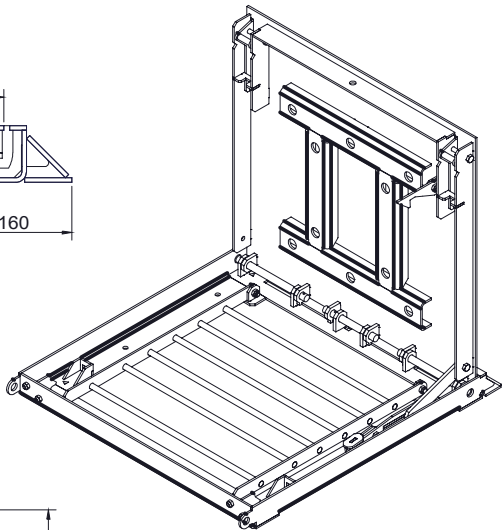
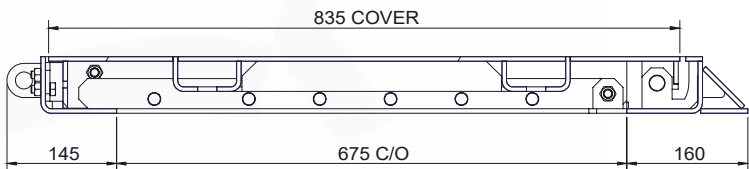
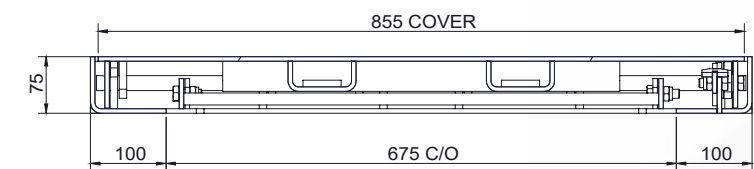
Drawing Number: EQ5522-152460-800

Date: 11/10/2023

Internal Reference: APS 5522

Issue: A

FLOWMETER CHAMBER ACCESS COVER



Approved by:

Date:

Signed:

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A	Drawing for Approval	11/10/2023	GR
Issue:	Description:	Date:	Auth:



Tel: 01743465463
Fax: 01743452050
Email: sales@allpumpsolutions.com

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FLUID EXPERTISE

Title: **Foul Water Pump Station to Design and Construction Guidance / IWNL Specification**
- Flowmeter Chamber Cover

Contract: **Barnburgh Lane, Rotherham (FW)**

Contractor: **Homes by Honey Ltd**

Consulting Engineer: **Eastwood & Partners Ltd**

Works Order Number: **9684**

Size:	Scale:	Drawn:	Checked:	Approved:
A3	1:10	GR	CW	CW

Drawing Number: **EQ5522-152460-900** Date: **11/10/2023**

Internal Reference: **APS 5522** Issue: **A**