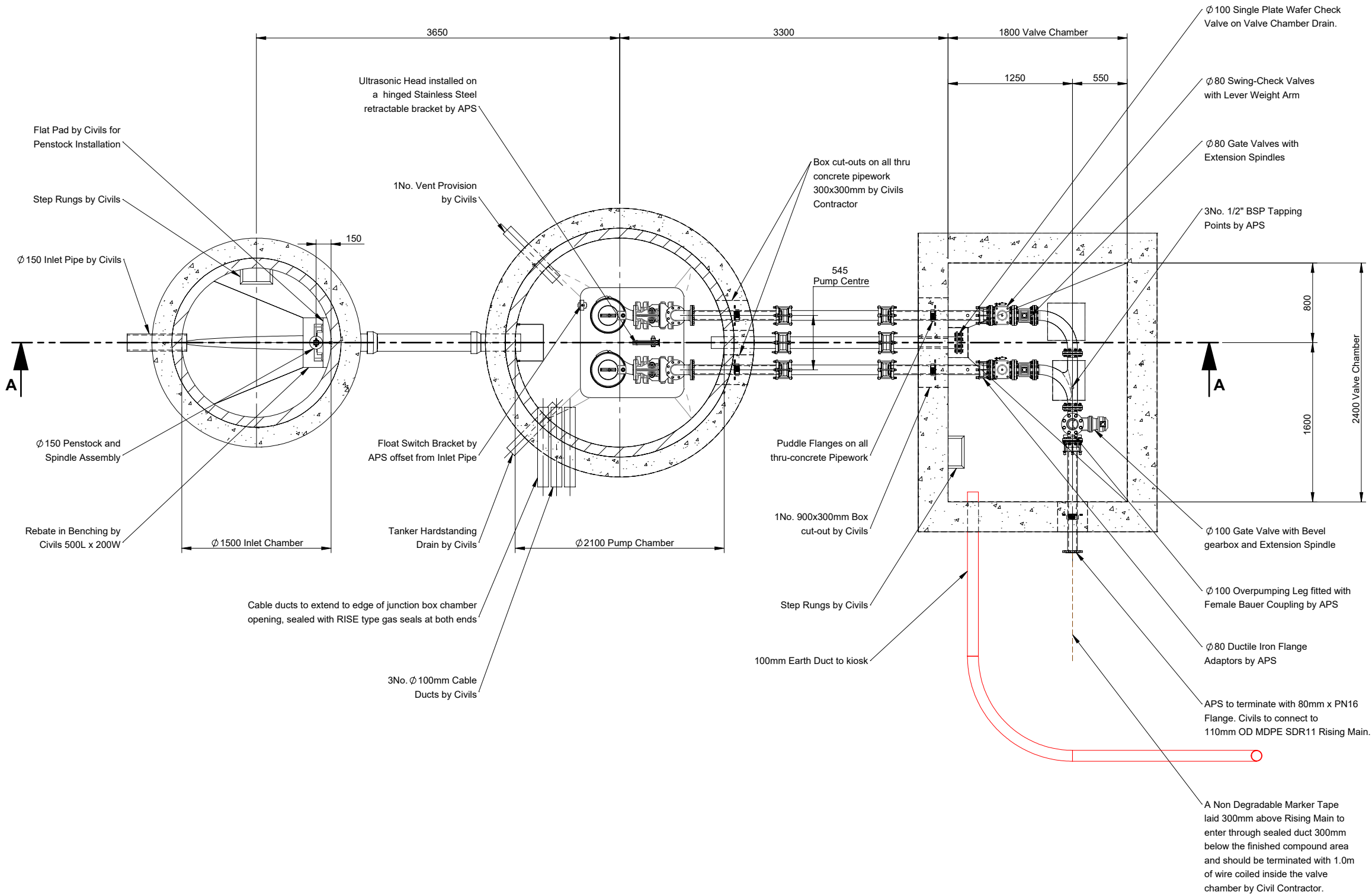


SECTIONAL PLAN VIEW



Approved by:

Date:

Signed:

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3. Box outs to be filled and made good by civil contractor once pipework has been installed.
4. All dimensions in mm unless otherwise stated.
5. Benching to be completed after APS installation.
6. Cable ducts to be installed by civil contractor complete with draw-cords. Specific sizes shown within drawing detail.
7. Cable ducts to be sealed with 'Rise' sealant by APS at kiosk and field ends only.
8. All structural calculations to be completed by structural engineer. APS have no involvement with the design of wet well cover and base slab.
9. Flow calculations based on 110mm OD MDPE SDR11 Rising Main.
10. Pumps are Non-EX rated as a result of the Atex risk assessment.
11. All Electrical Equipment is Non-EX rated as a result of the Atex risk assessment.
12. All fittings are to be stainless steel.
13. The pumps are to be labelled 'Pump1' & 'Pump2'.
14. All Equipment within wet well and valve chamber to be earth bonded by APS in accordance with Design and Construction Guidance as amended by the UU Addendum.
15. All fixing bolts into concrete to be stainless steel.

B	Inlet Chamber Inlet Level Updated	19/07/2023	GR
A	Drawing for Approval	08/06/2023	GR
Issue:	Description:	Date:	Auth:



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

all pump solutions
FLUID EXPERTISE

Title: **Supply and Installation of all Pipework, Valves and Pump related fittings from the Inlet chamber into the Pumping Station, right through to the discharge from the valve chamber - Sectional Plan View**

Contract: **Land edged red Hollingworth Road, Littleborough, Rochdale**

Contractor: **Countryside Partnership (Yorkshire)**

Consulting Engineer: **Eastwood & Partners Ltd**

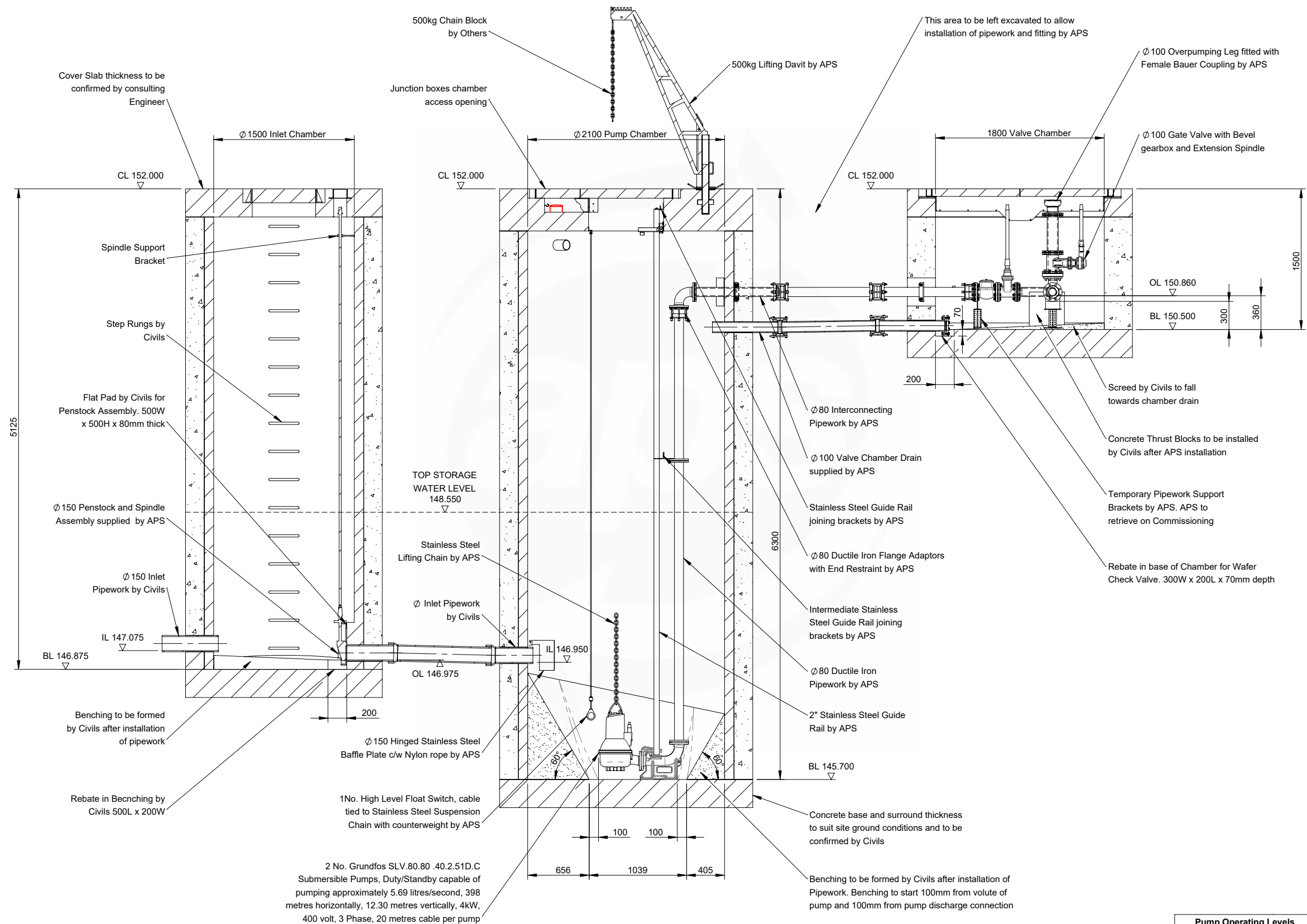
Works Order Number: **WO9238**

Size:	Scale:	Drawn:	Checked:	Approved:
A3	1:45	GR	CW	CW

Drawing Number: **EQ5533-152469-100** Date: **08/06/2023**

Internal Reference: **APS 5533** Issue: **B**

ELEVATION SECTION VIEW



SECTION A-A

Pump Operating Levels	
Pump Stop	146.050
Duty Pump Start	146.450
Standby Pump Start	146.600
High Level Alarm	146.750
Duty Point	146.250

Approved by:

Date:

Signed:

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- Flow calculations based on 110mm OD MDPE SDR11 Rising Main.
- Pumps are Non-EX rated as a result of the Atex risk assessment.
- All Electrical Equipment is Non-EX rated as a result of the Atex risk assessment.
- All fittings are to be stainless steel.
- The pumps are to be labelled 'Pump1' & 'Pump2'.
- All Equipment within wet well and valve chamber to be earth bonded by APS in accordance with Design and Construction Guidance as amended by the UU Addendum.
- All fixing bolts into concrete to be stainless steel.

B	Inlet Chamber Inlet Level Updated	19/07/2023	GR
A	Drawing for Approval	08/06/2023	GR
Issue:	Description:	Date:	Auth:



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



FLUID EXPERTISE

Title: **Supply and Installation of all Pipework, Valves and Pump related fittings from the Inlet chamber into the Pumping Station, right through to the discharge from the valve chamber - Elevation Section View**

Contract: **Land edged red Hollingworth Road, Littleborough, Rochdale**

Contractor: **Countryside Partnership (Yorkshire)**

Consulting Engineer: **Eastwood & Partners Ltd**

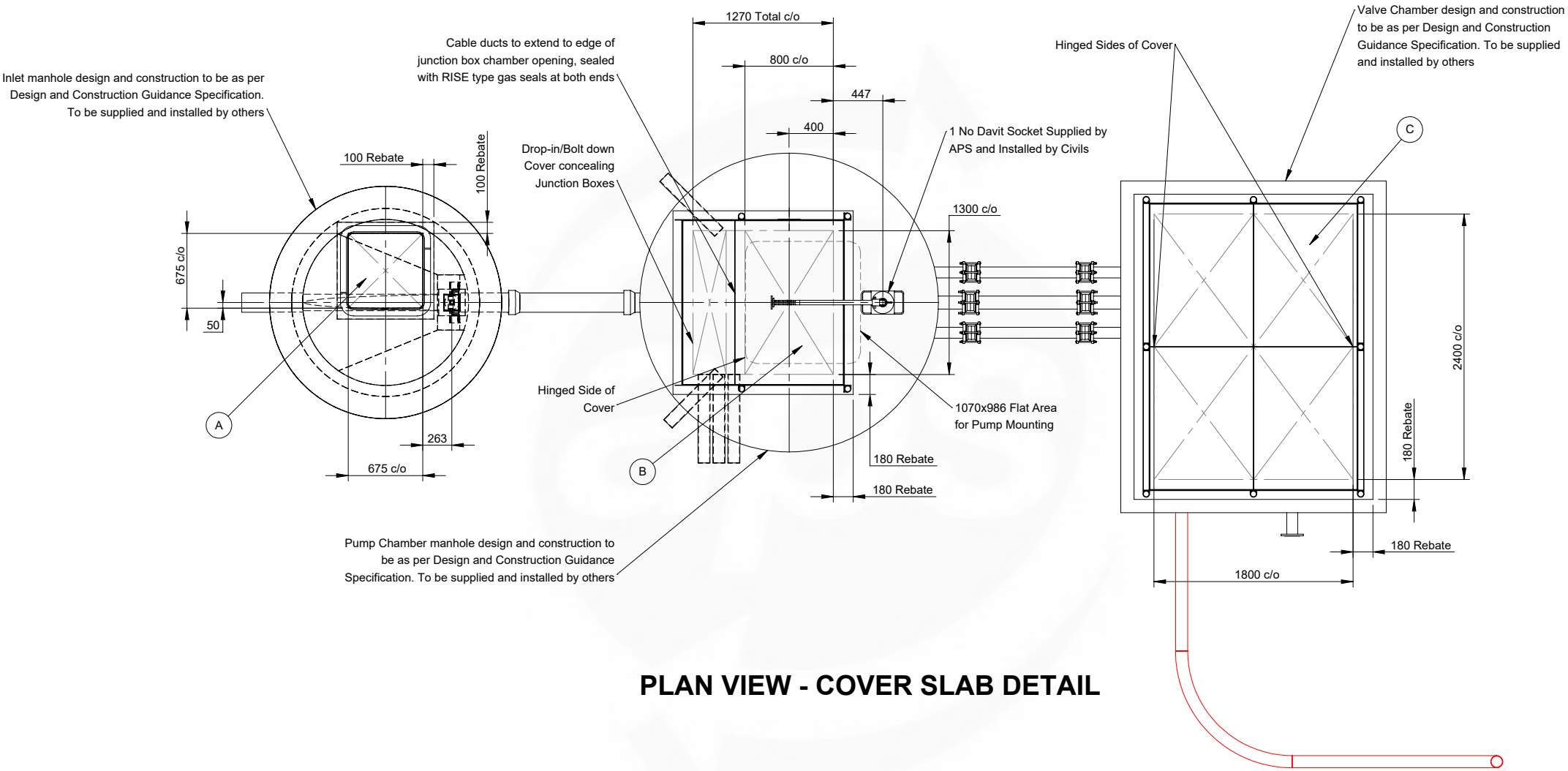
Works Order Number: **WO9238**

Size:	Scale:	Drawn:	Checked:	Approved:
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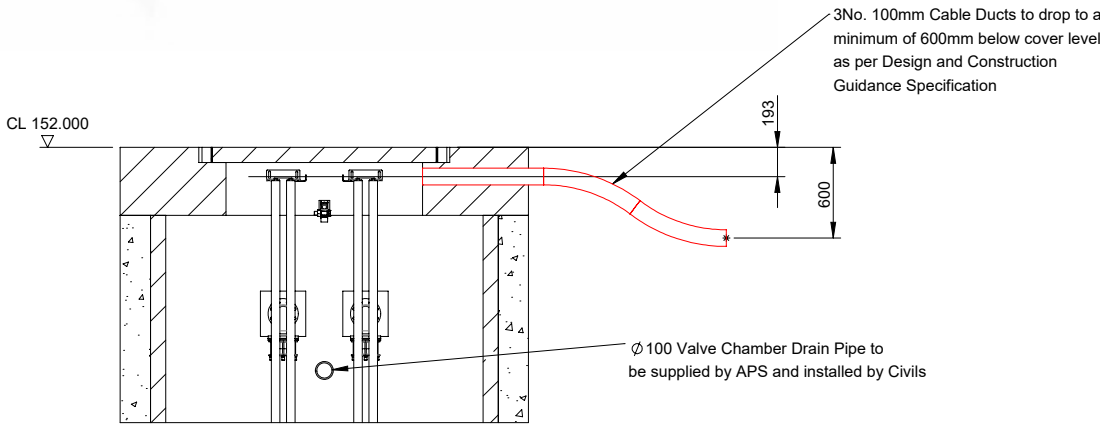
Drawing Number: **EQ5533-152469-200** Date: **08/06/2023**

Internal Reference: **APS 5533** Issue: **B**

COVER	CHAMBER	DESCRIPTION
A	INLET CHAMBER	1 No. Inlet Chamber 675mm x 675mm D400 Ductile Iron Solid Access Cover and Frame (Double Triangle)
B	PUMP CHAMBER	1 no. 1300mm x 1270mm clear opening Stamp-Lock Prolift, mild steel hinged access cover and frame. 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, "Teagle" (pump through) safety grid or 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.



PLAN VIEW - COVER SLAB DETAIL



PUMP CABLE DUCT DETAIL

Approved by:

Date:	Signed:
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7. Cable ducts to be sealed with 'Rise' sealant by APS at kiosk and field ends only.	
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13. The pumps are to be labelled 'Pump1' & 'Pump2'.	
14. All Equipment within wet well and valve chamber to be earth bonded by APS in accordance with Design and Construction Guidance as amended by the UU Addendum.	
15. All fixing bolts into concrete to be stainless steel.	

B	Inlet Chamber Inlet Level Updated	19/07/2023	GR
A	Drawing for Approval	08/06/2023	GR
Issue:	Description:	Date:	Auth:



Tel: 01743465463

Fax:01743452050

Email: sales@allpumpsolutions.com



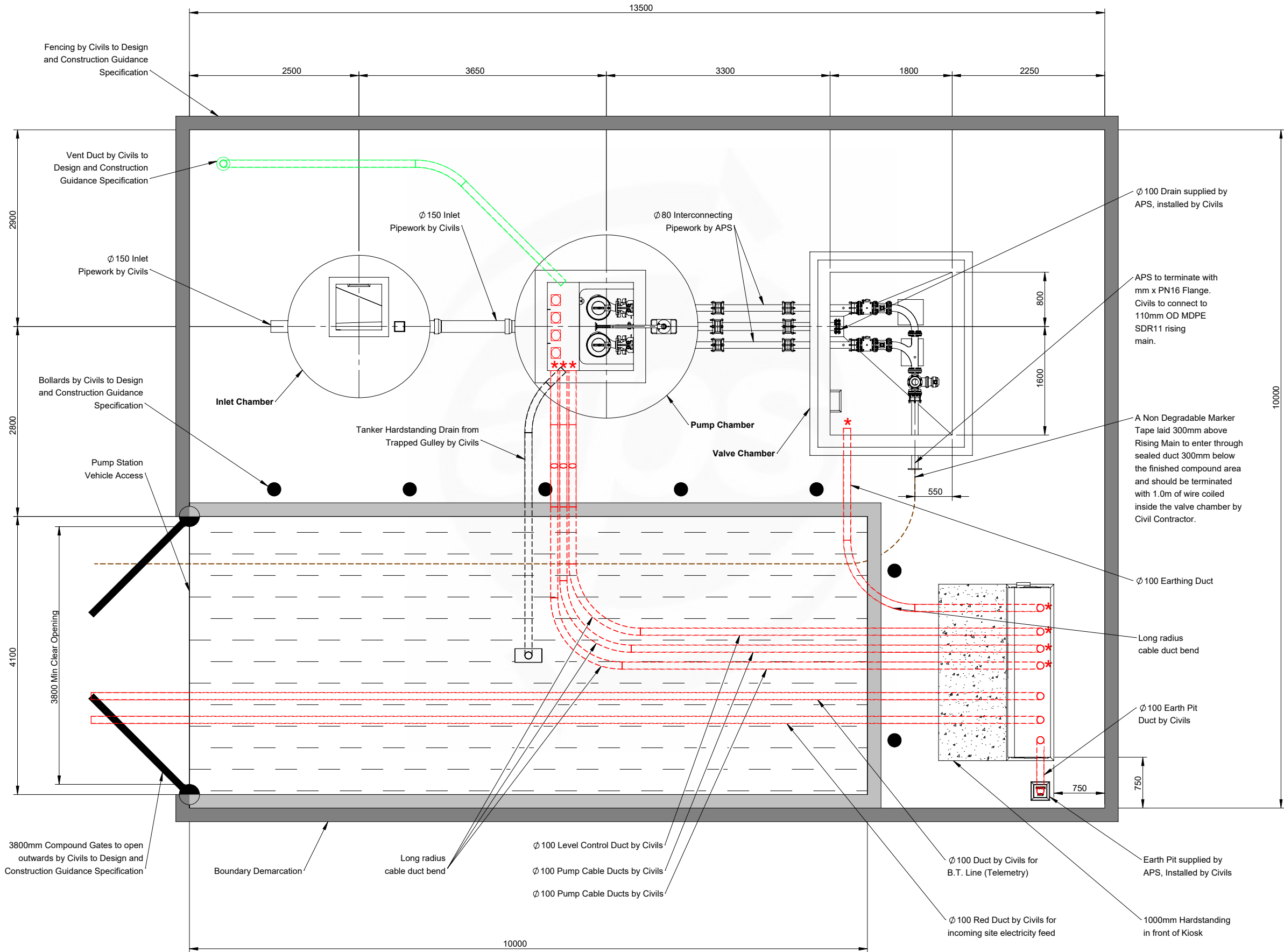
FLUID EXPERTISE

Title:	Supply and Installation of all Pipework, Valves and Pump related fittings from the Inlet chamber into the Pumping Station, right through to the discharge from the valve chamber - Cover Detail								
Contract:	Land edged red Hollingworth Road, Littleborough, Rochdale								
Contractor:	Countryside Partnership (Yorkshire)								
Consulting Engineer:	Eastwood & Partners Ltd								
Works Order Number:	WO9238								
Size:	A3	Scale:	1:50	Drawn:	GR	Checked:	CW	Approved:	CW
Drawing Number:	EQ5533-152469-300				Date:				08/06/2023
Internal Reference:	APS 5533							Issue:	B

SITE LAYOUT

NOTE: Cable Ducts to be gas sealed with 'Rise' type Sealant by APS in Junction Box compartment and in Kiosk.

Gas seals to be fitted at all locations marked with *



Approved by:

Date:

Signed:

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Notes

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

B	Inlet Chamber Inlet Level Updated	19/07/2023	GR
A	Drawing for Approval	08/06/2023	GR
Issue:	Description:	Date:	Auth:

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

all pump solutions
FLUID EXPERTISE

Title: Supply and Installation of all Pipework, Valves and Pump related fittings from the Inlet chamber into the Pumping Station, right through to the discharge from the valve chamber - Site Layout

Contract: Land edged red Hollingworth Road, Littleborough, Rochdale

Contractor: Countryside Partnership (Yorkshire)

Consulting Engineer: Eastwood & Partners Ltd

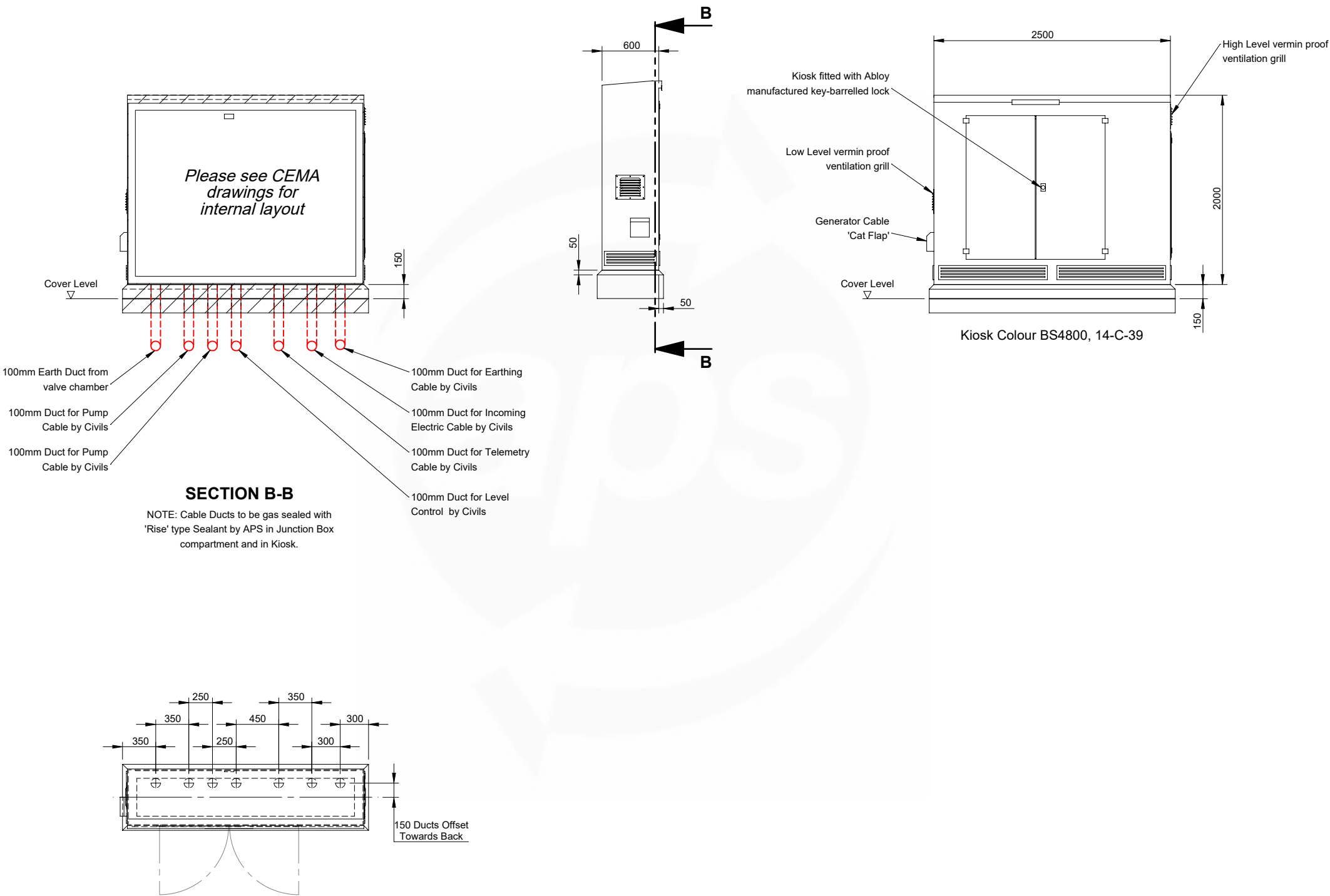
Works Order Number: WO9238

Size:	Scale:	Drawn:	Checked:	Approved:
A3	1:60	GR	CW	CW

Drawing Number: EQ5533-152469-400 Date: 08/06/2023

Internal Reference: APS 5533 Issue: B

MCC KIOSK



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Date:	Signed:
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Notes	
1. All works to be carried out in accordance with Design and Construction Guidance as amended by the UU Addendum.	
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B	Inlet Chamber Inlet Level Updated	19/07/2023	GR
A	Drawing for Approval	08/06/2023	GR
Issue:	Description:	Date:	Auth:



Tel: 01743465463

Fax:01743452050

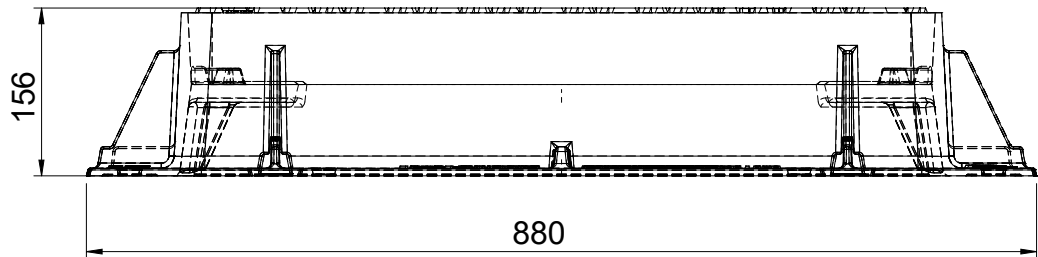
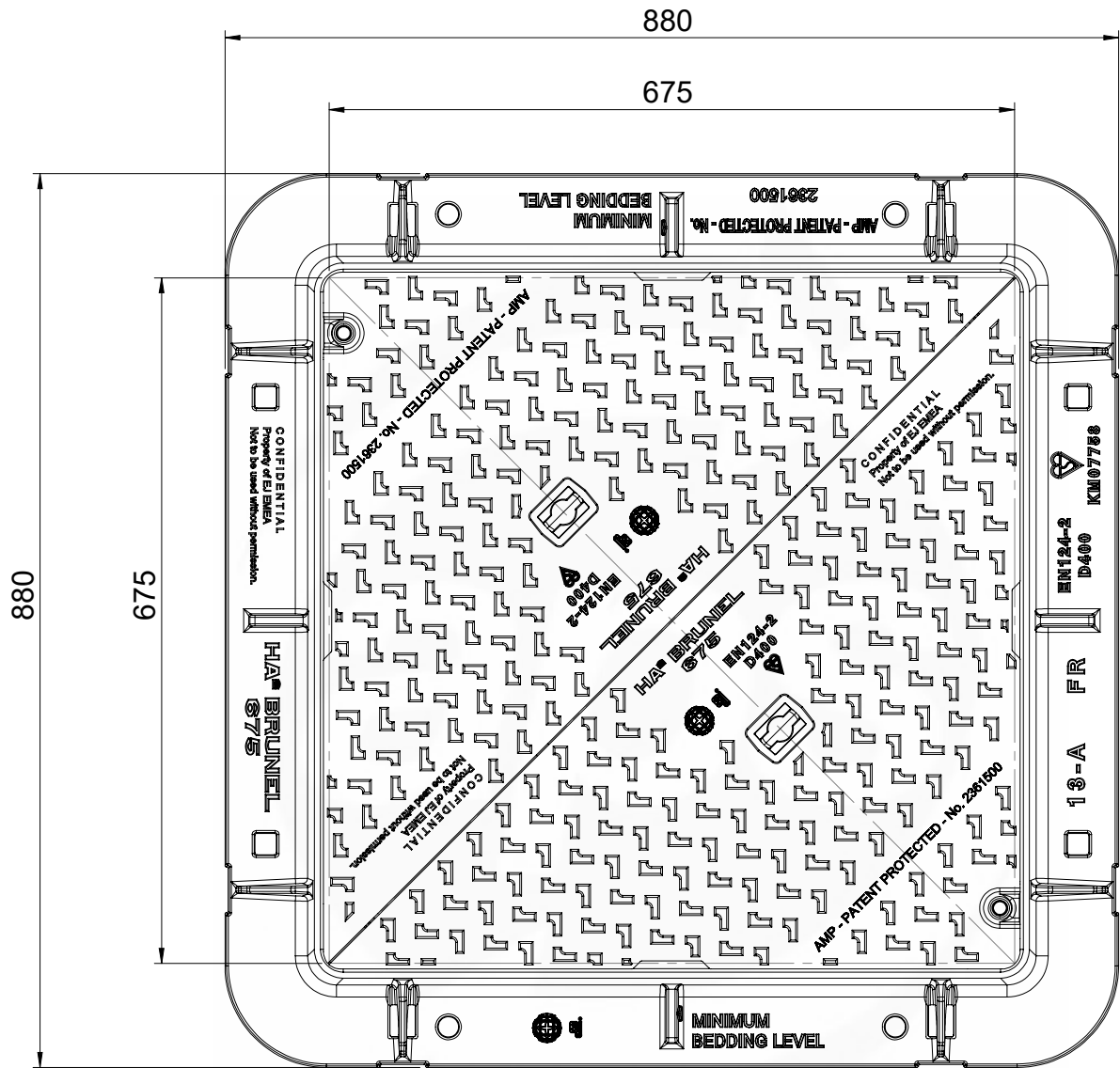
Email: sales@allpumpsolutions.com

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FLUID EXPERTISE

Title: Supply and Installation of all Pipework, Valves and Pump related fittings from the Inlet chamber into the Pumping Station, right through to the discharge from the valve chamber - Kiosk Detail			
Contract: Land edged red Hollingworth Road, Littleborough, Rochdale			
Contractor: Countryside Partnership (Yorkshire)			
Consulting Engineer: Eastwood & Partners Ltd			
Works Order Number: WO9238			
Size: A3	Scale: 1:50	Drawn: GR	Checked: CW
Drawing Number: EQ5533-152469-500			Date: 08/06/2023
Internal Reference: APS 5533			Issue: B

INLET CHAMBER ACCESS COVER



Approved by:

Date:

Signed:

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

B	Inlet Chamber Inlet Level Updated	19/07/2023	GR
A	Drawing for Approval	08/06/2023	GR

Issue:

Description:

Date:

Auth:

aps

Tel: 01743465463

Fax:01743452050

Email: sales@allpumpsolutions.com

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FLUID EXPERTISE

Title: Supply and Installation of all Pipework, Valves and Pump related fittings from the Inlet chamber into the Pumping Station, right through to the discharge from the valve chamber
- Inlet Chamber Access Cover

Contract: Land edged red Hollingworth Road, Littleborough, Rochdale

Contractor: Countryside Partnership (Yorkshire)

Consulting Engineer: Eastwood & Partners Ltd

Works Order Number: WO9238

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

Drawing Number:

Date:

EQ5533-152469-600

08/06/2023

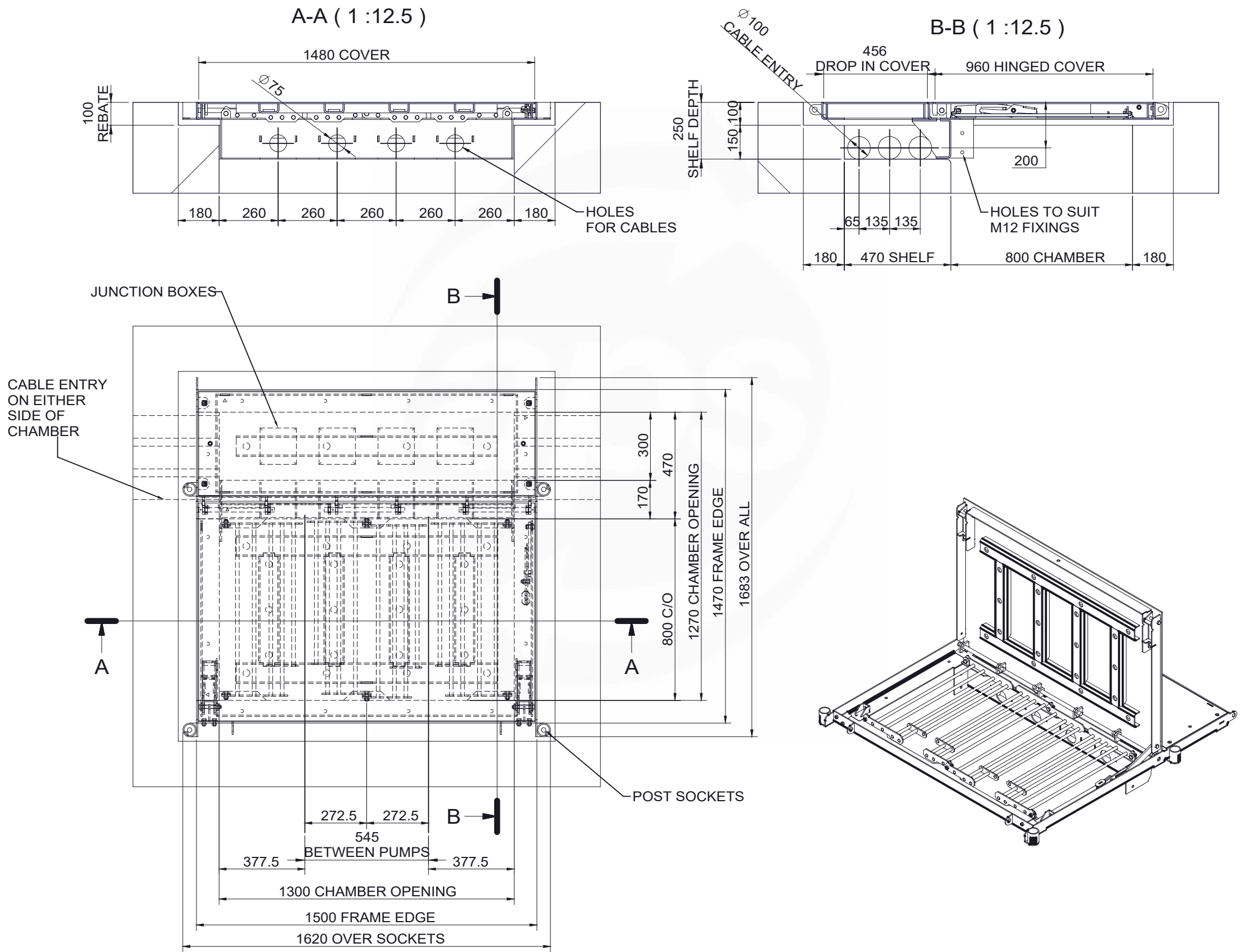
Internal Reference:

Issue:

APS 5533

B

PUMP CHAMBER ACCESS COVER



Approved by:

Date:

Signed:

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

B

Inlet Chamber Inlet Level Updated

19/07/2023

GR

A

Drawing for Approval

08/06/2023

GR

Issue:

Description:

Date:

Auth:

aps

Tel: 01743465463

Fax:01743452050

Email: sales@allpumpsolutions.com

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FLUID EXPERTISE

Title:

Supply and Installation of all Pipework, Valves and Pump related fittings from the Inlet chamber into the Pumping Station, right through to the discharge from the valve chamber

- Pump Chamber Cover

Contract:

Land edged red Hollingworth Road, Littleborough, Rochdale

Contractor:

Countryside Partnership (Yorkshire)

Consulting Engineer:

Eastwood & Partners Ltd

Works Order Number:

WO9238

Size:

A3

Scale:

1:15

Drawn:

GR

Checked:

CW

Approved:

CW

Drawing Number:

EQ5533-152469-700

Date:

08/06/2023

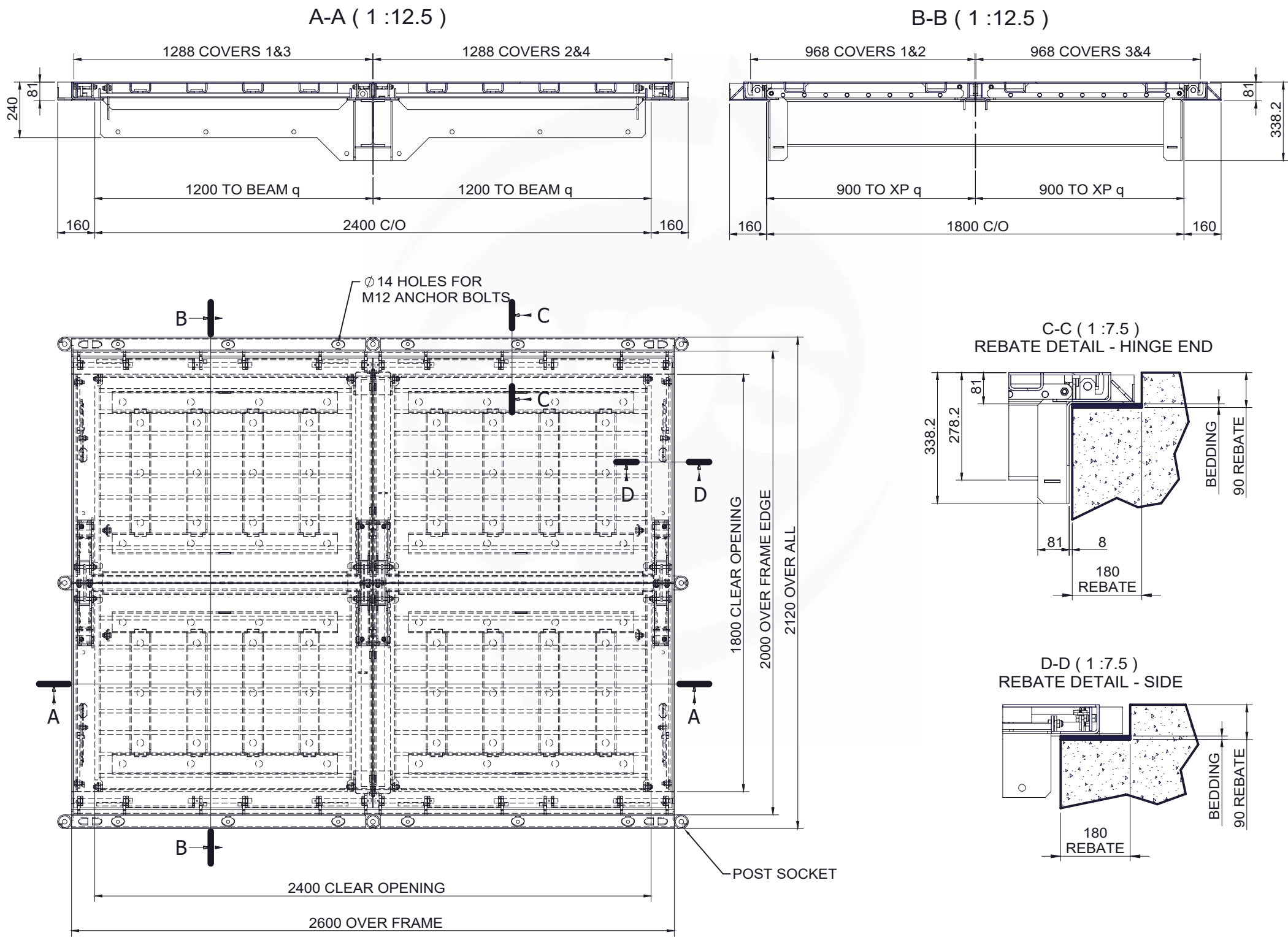
Internal Reference:

APS 5533

Issue:

B

VALVE CHAMBER ACCESS COVER



Approved by:

Date:

Signed:

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B	Inlet Chamber Inlet Level Updated	19/07/2023	GR
A	Drawing for Approval	08/06/2023	GR

Issue:

Description:

Date:

Auth:

aps

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FLUID EXPERTISE

Tel: 01743465463

Fax:01743452050

Email: sales@allpumpsolutions.com

Title: Supply and Installation of all Pipework, Valves and Pump related fittings from the Inlet chamber into the Pumping Station, right through to the discharge from the valve chamber - Valve Chamber Cover

Contract: Land edged red Hollingworth Road, Littleborough, Rochdale

Contractor: Countryside Partnership (Yorkshire)

Consulting Engineer: Eastwood & Partners Ltd

Works Order Number: WO9238

Size:	Scale:	Drawn:	Checked:	Approved:
A3	1:50	GR	CW	CW

Drawing Number:

EQ5533-152469-800

Date:

08/06/2023

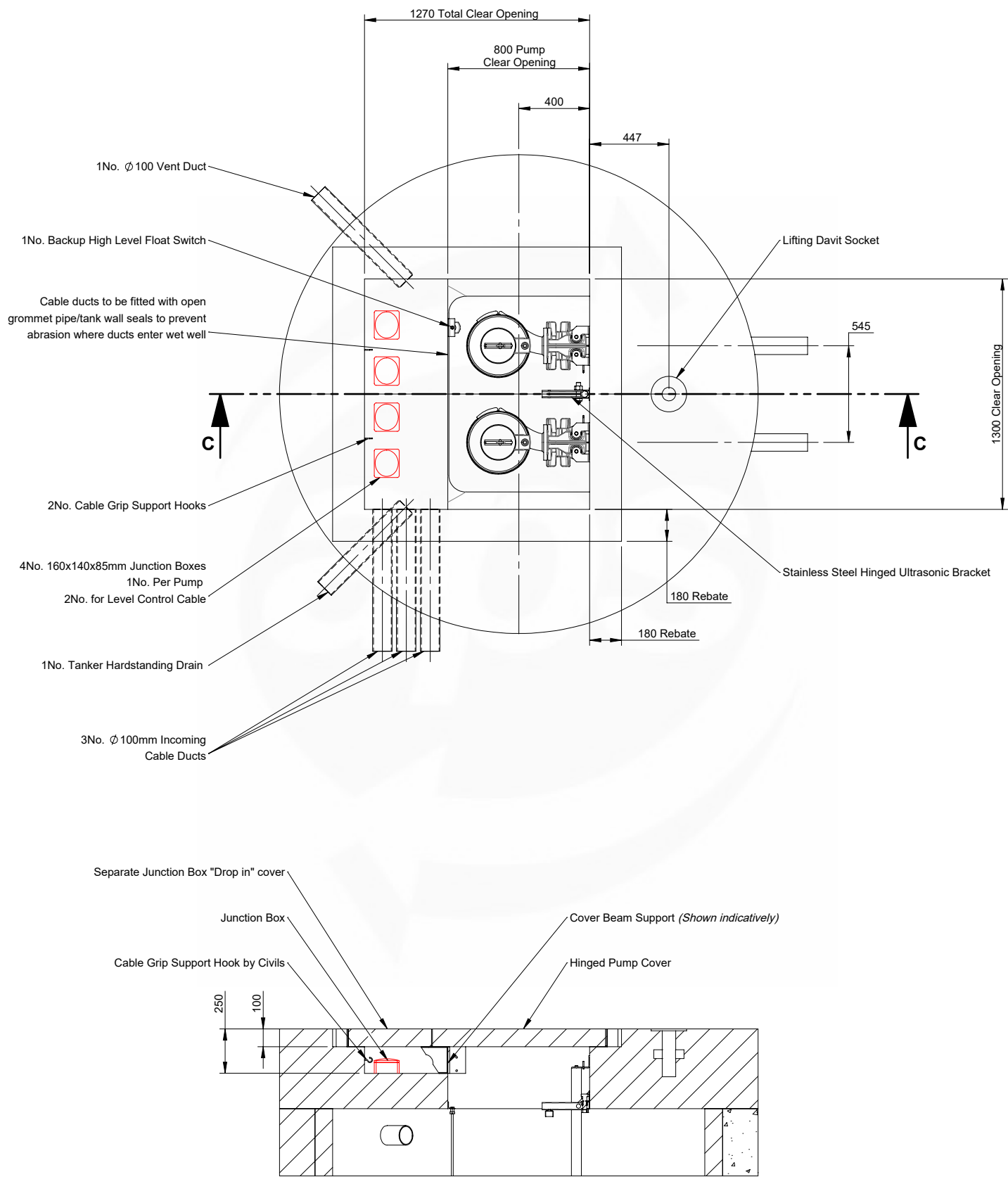
Internal Reference:

APS 5533

Issue:

B

JUNCTION BOX INSTALLATION DETAIL



SECTION C-C

Approved by:

Date:

Signed:

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B

Inlet Chamber Inlet Level Updated

19/07/2023

GR

A

Drawing for Approval

08/06/2023

GR

Issue:

Description:

Date:

Auth:

aps

Tel: 01743465463

Fax:01743452050

Email: sales@allpumpsolutions.com

all pump solutions

FLUID EXPERTISE

Title:

Supply and Installation of all Pipework, Valves and Pump related fittings from the Inlet chamber into the Pumping Station, right through to the discharge from the valve chamber - Junction Box Detail

Contract:

Land edged red Hollingworth Road, Littleborough, Rochdale

Contractor:

Countryside Partnership (Yorkshire)

Consulting Engineer:

Eastwood & Partners Ltd

Works Order Number:

WO9238

Size:

A3

Scale:

1:30

Drawn:

GR

Checked:

CW

Approved:

CW

Drawing Number:

EQ5533-152469-900

Date:

08/06/2023

Internal Reference:

APS 5533

Issue:

B