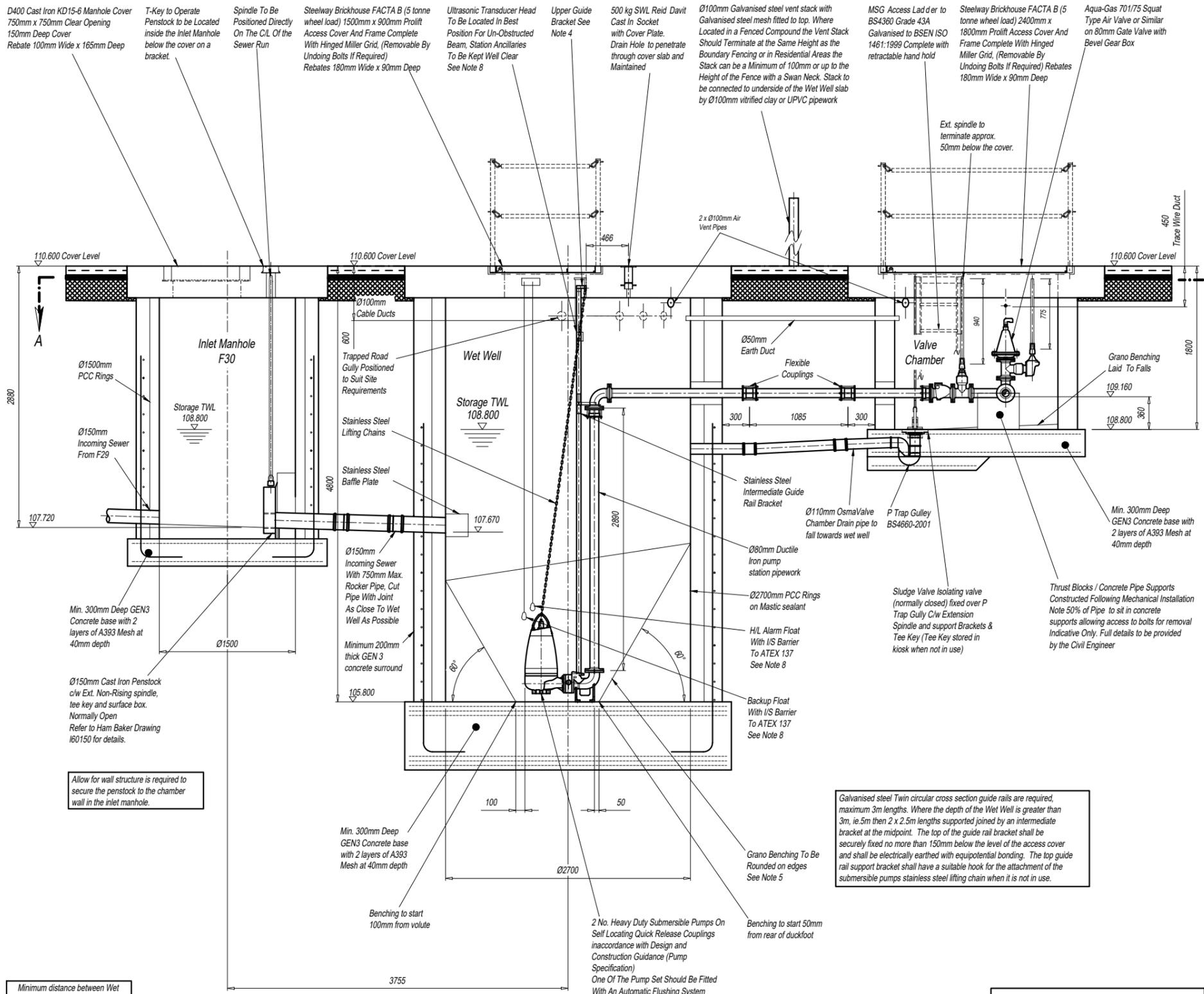


STANDARD NOTES **H-3-264-734**

1. DO NOT SCALE.
2. UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN MILLIMETRES AND ALL INVERTS IN METRES AOD.
3. ALL CIVIL WORKS ARE THE RESPONSIBILITY OF THE DEVELOPER / CONTRACTOR INCLUDING FIXING OF STEELWORK SUCH AS ACCESS COVERS AND PENSTOCKS ETC. INSTALLATION OF CABLE DUCTS, BENCHING AND MAKING GOOD AROUND PIPES AFTER INSTALLATION.
4. REINFORCING BARS ARE TO BE A MINIMUM OF 75MM BELOW THE SURFACE. ANY STRUCTURAL DETAILING / CIVIL WORKS SHOWN ON THIS DRAWING ARE ILLUSTRATIVE ONLY UNLESS OTHERWISE STATED AND SHOULD NOT BE USED FOR CONSTRUCTION.
5. BENCHING IS TO BE FORMED AFTER PUMP INSTALLATION AND TO BE IN ACCORDANCE WITH THE APPLICABLE DESIGN AND CONSTRUCTION GUIDANCE AND ADOPTING AUTHORITY SPECIFICATION.
6. UNLESS OTHERWISE STATED, ALL DUCTS ARE TO BE 100MM DIAMETER AND BE COMPLETE WITH DRAW ROPES. SERVICE DUCTS TO BE TO THE UTILITY SUPPLIER'S SPECIFICATION.
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YORKSHIRE WATER NOTES

- A. COVER TO RE INFORCEMENT TO BE 40MM TO BOTH FACES.
- B. SPACERS TO BE 1200MM CENTRE TO CENTRE.
- C. CONCRETE TO BE 30 NMM AT 28 DAYS.
- D. GROUND BEARING PRESSURE TAKEN AS 50 KN/M.
- E. NO DAY WORK JOINTS PERMITTED IN SLABS.
- F. ALL SOFT SPOTS TO BE REMOVED AND REPLACED BY SUITABLE MATERIAL.
- G. PROVIDE 50MM BLINDING CONCRETE.
- H. ALL ADOPTABLE SEWER WORKS & MATERIALS TO BE IN ACCORDANCE WITH THE CODE FOR ADOPTION, THE RELEVANT BRITISH, EUROPEAN & YORKSHIRE WATER STANDARDS, REQUIREMENTS & ADDENDUM TO THE MECHANICAL & ELECTRICAL SPECIFICATION AND KIT MARKED.
- I. MINIMUM BAR LAP LENGTH 800MM.
- J. WET WELL AND VALVE CHAMBER COVERS TO BE AS SUPPLIED BY PUMP SUPPLIER AND BE RATED FACTA B (5 TONNE WHEEL LOAD). COVERS TO BE CAPABLE OF BEING LIFTED WITH AN EFFORT NOT EXCEEDING 25KG.
- K. TO BE READ IN CONJUNCTION WITH THE CIVILS DETAILS.
- L. ANY OVER BREAK BETWEEN INLET MANHOLE, WET WELL AND VALVE CHAMBER TO BE FILLED WITH LEAN MIX CONCRETE.
- M. WET WELL TO BE CLEAN AND DRY BEFORE INSTALLATION OF PUMPS COMMENCES.
- N. DEWATERING TO BE PROVIDED IF NECESSARY AS WORKS PROCEED.
- O. RISING MAIN TO BE 110MM OD PE100 SDR11 (89.1MM ID).
- P. CUT OUT AND CUT IN LEVELS TO BE ESTABLISHED ON SITE BY PUMP SUPPLIER.
- Q. THE BRACKET FOR HOLDING THE DAVIT EQUIPMENT SHOULD BE KEPT IN THE KIOSK.
- R. THRUST BLOCKS TO BE PROVIDED AT CHANGES IN DIRECTIONS.
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- T. STAINLESS STEEL PUMP LIFTING CHAINS REQUIRED.
- U. THE DEVELOPER WILL SUPPLY, INSTALL AND COMMISSION THE TELEMETRY AT THEIR EXPENSE. YORKSHIRE WATER'S TELEMETRY SYSTEM IS THE METASPHERE MMIM OUTSTATION.
- V. KIOSK TO BE PROVIDED TO THE LATEST YWS, SFA6 AND M&E ADDENDUM.
- W. DUCTS WITHIN THE WET WELL SHOULD NOT BE SEALED WITH FOAM THEY SHOULD BE SEALED WITHIN THE KIOSK.
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- Y. ALL METAL FIXINGS TO BE STAINLESS STEEL.
- Z. ALL REGULAR LEVEL SWITCHES USED WITHIN THE HAZARDOUS AREA MUST BE EX-RATED.



STATION INFORMATION		
PUMP TYPE	GRUNDFOS	SEV.80.80.40.A.EX.4.51D
IMPELLER		Super Vortex
MOTOR RATING		4.0 kW
FULL LOAD CURRENT		10.0 - 10.2 A FLC
ZONE RATING		EXP
DESIGN FLOW		4.75 L/Sec
HEAD GENERATED		14.45m
LEVEL CONTROLS		HYDRORANGER 200 ULTRASONIC C/W HIGH LEVEL ALARM AND BACK UP FLOAT SWITCHES
PIPE / VALVE SIZE		Ø80 mm
FINAL DISCHARGE		
INTERNAL DIAMETER		Ø100 mm
MATERIAL		DUCTILE IRON
TERMINATION		FLANGED
PIPE OD		N/A
FLANGE DATA		Ø100 mm PN16 Flanged
RISING MAIN		110mm OD PE100 SDR11 (89.1mm BORE)
RISING MAIN COUPLER		110mm OD PE CONVERTER
OPERATING LEVELS		
STORAGE LEVEL		N/A
INVERT OF INLET		107.670
INVERT OF H.L.A.		106.870
INVERT OF PUMP 2		106.770
INVERT OF PUMP 1		106.670
INVERT OF B.W.L. / STOP		106.140
INVERT OF WET WELL BASE		105.800
DEAD AREA		340 mm
OPERATING DEPTH		530 mm
OPERATING VOLUME		1101 Litres
PUMP FLOW		5.62 Litres / Second
FROM THE ABOVE : (1101 X 2) + (5.62 X 2) = 784 SECONDS 784 SECONDS DIVIDED INTO 3600 = 4.60 STARTS PER HOUR		

Minimum distance between Wet Well and Valve Chamber to be 1200mm

All Cut Pipe Joints As Close To Structures As Possible Consistent With Making The Joint. The Rocker Pipes To Be 1m Or Equal To One Nominal Pipe Diameter Whichever Is The Larger

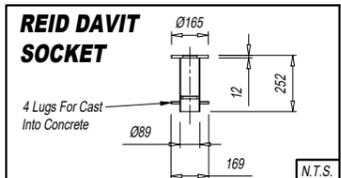
IF BOXOUT HOLES TO BE CORE DRILLED. Civils To Ensure All Core Drillings Are Parallel To Centre Line / Perpendicular To Valve Chamber

The Over-break between the Wet Well and Valve Chamber Should be Filled with Concrete

Minimum distance between Inlet Chamber and Wet Well to be 1000mm

VIEW ON SECTION B - B

To be read in conjunction with MJA Consulting Structural Design



Galvanised steel Twin circular cross section guide rails are required, maximum 3m lengths. Where the depth of the Wet Well is greater than 3m, ie.5m then 2 x 2.5m lengths supported joined by an intermediate bracket at the midpoint. The top of the guide rail bracket shall be securely fixed no more than 150mm below the level of the access cover and shall be electrically earthed with equipotential bonding. The top guide rail support bracket shall have a suitable hook for the attachment of the submersible pumps stainless steel lifting chain when it is not in use.

REV	DATE	DESCRIPTION	DR'n	CHK'd	APR'l
B	28/06/22	Updated in line with latest MJA structural design.	K.A.	C.B.	C.B.
A	09/03/22	Inlet details, levels, wet well diameter and pumps updated	C.B.	I.H.	I.H.

FOR APPROVAL

DESIGN
INSTALL
PROACTIVE

TOTAL WATER EXPERTISE

BUILDING 4.6, ITECH, FRIMLEY 4 BUSINESS PARK, FRIMLEY, CAMBERLEY, SURREY, GU16 7SG OFFICE TEL No: (01483) 930520 WEBSITE: WWW.PDASLTD.CO.UK

PROJECT: **WHITECHAPEL ROAD CLECKHEATON**

TITLE: **FOUL WATER PUMP STATION ELEVATION VIEW**

CLIENT: **BARRATT DAVID WILSON HOMES YORKSHIRE WEST**

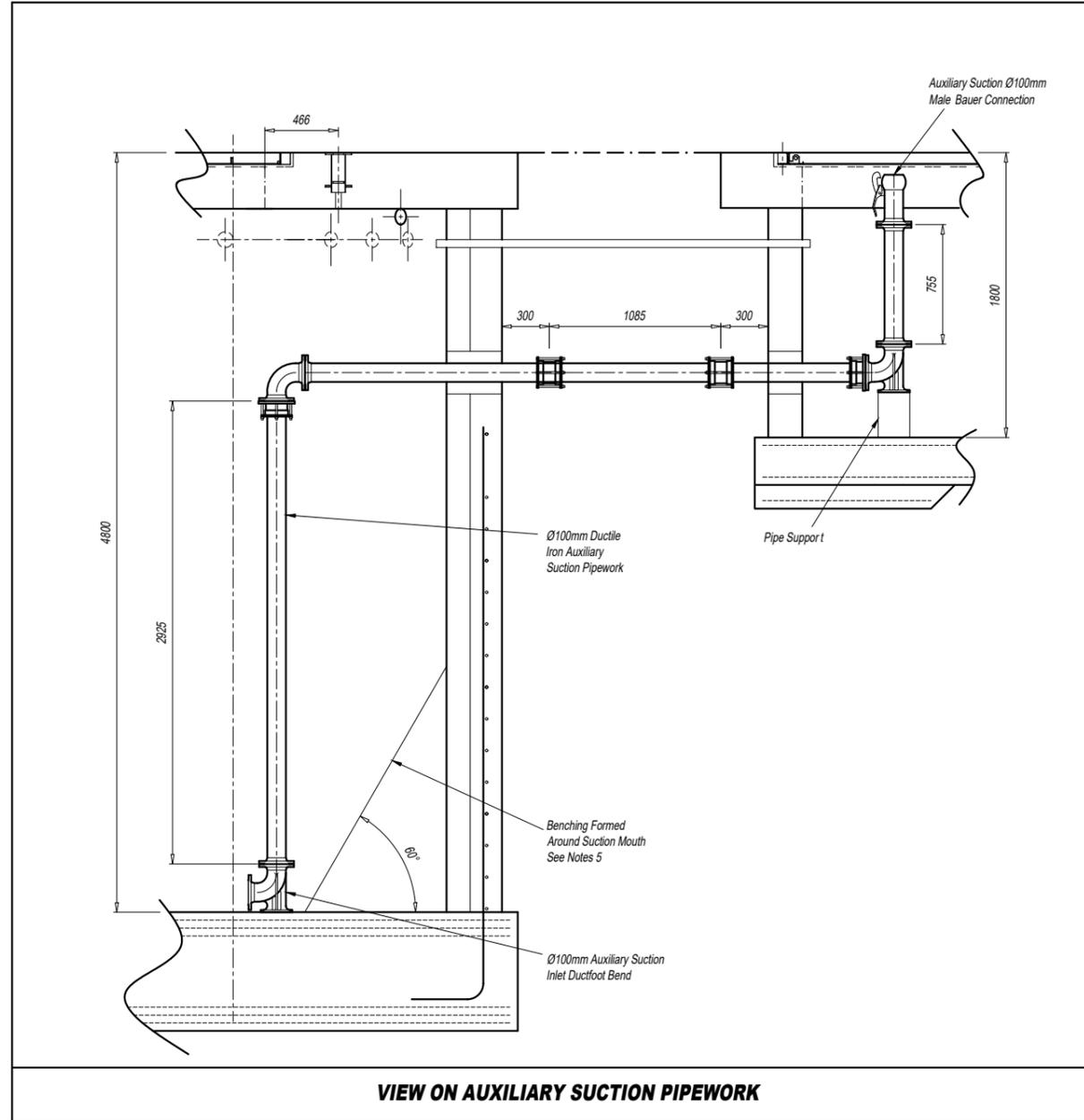
SCALE AT A1: 1:25	SCALE AT A3: 1:50
QUOTE NUMBER: 1926	APR'l: C.B. DATE: 19-11-2021
JOB NO.: 14633	CHK'd: I.H. DATE: 19-11-2021
DRAWING NUMBER: 1926-14633-001	DR'n: K.M. DATE: 19-11-2021

STANDARD NOTES **H-3-264-734**

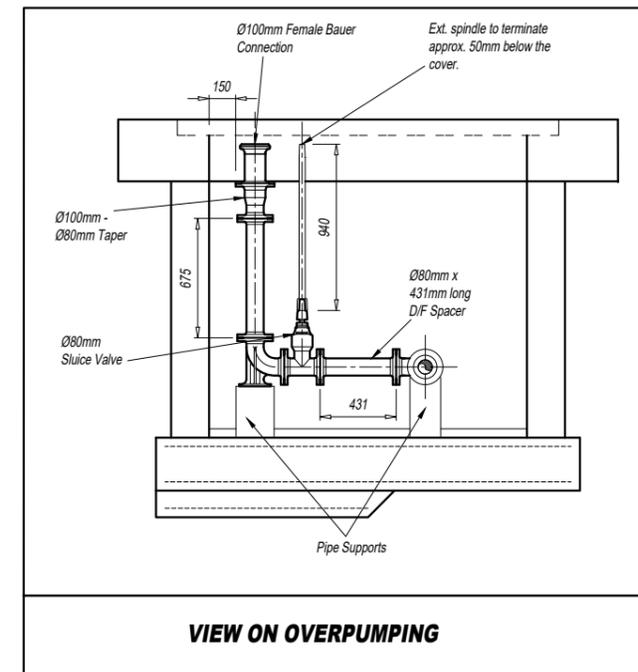
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VIEW ON AUXILIARY SUCTION PIPEWORK



VIEW ON OVERPUMPING

To be read in conjunction with MJA Consulting Structural Design

A	28/06/22	Updated in line with latest MJA structural design.	K.A.	C.B.	C.B.
REV	DATE	DESCRIPTION	DR'n	CHK'd	APR'l

FOR APPROVAL



BUILDING 4 & 6, HTECH, FRIMLEY 4 BUSINESS PARK, FRIMLEY, CAMBERLEY, SURREY, GU16 7SG OFFICE TEL No. (01483) 930520 WEBSITE WWW.PDASLTD.CO.UK

PROJECT **WHITECHAPEL ROAD CLECKHEATON**

TITLE **FOUL WATER PUMP STATION VIEW ON OVERPUMPING / AUXILIARY SUCTION**

CLIENT **BARRATT DAVID WILSON HOMES YORKSHIRE WEST**

SCALE AT A1 **1:20** SCALE AT A3 **1:40**

QUOTE NUMBER **1926** APR'l **C.B.** DATE **19-11-2021**

JOB NO. **14633** CHK'g **I.H.** DATE **19-11-2021**

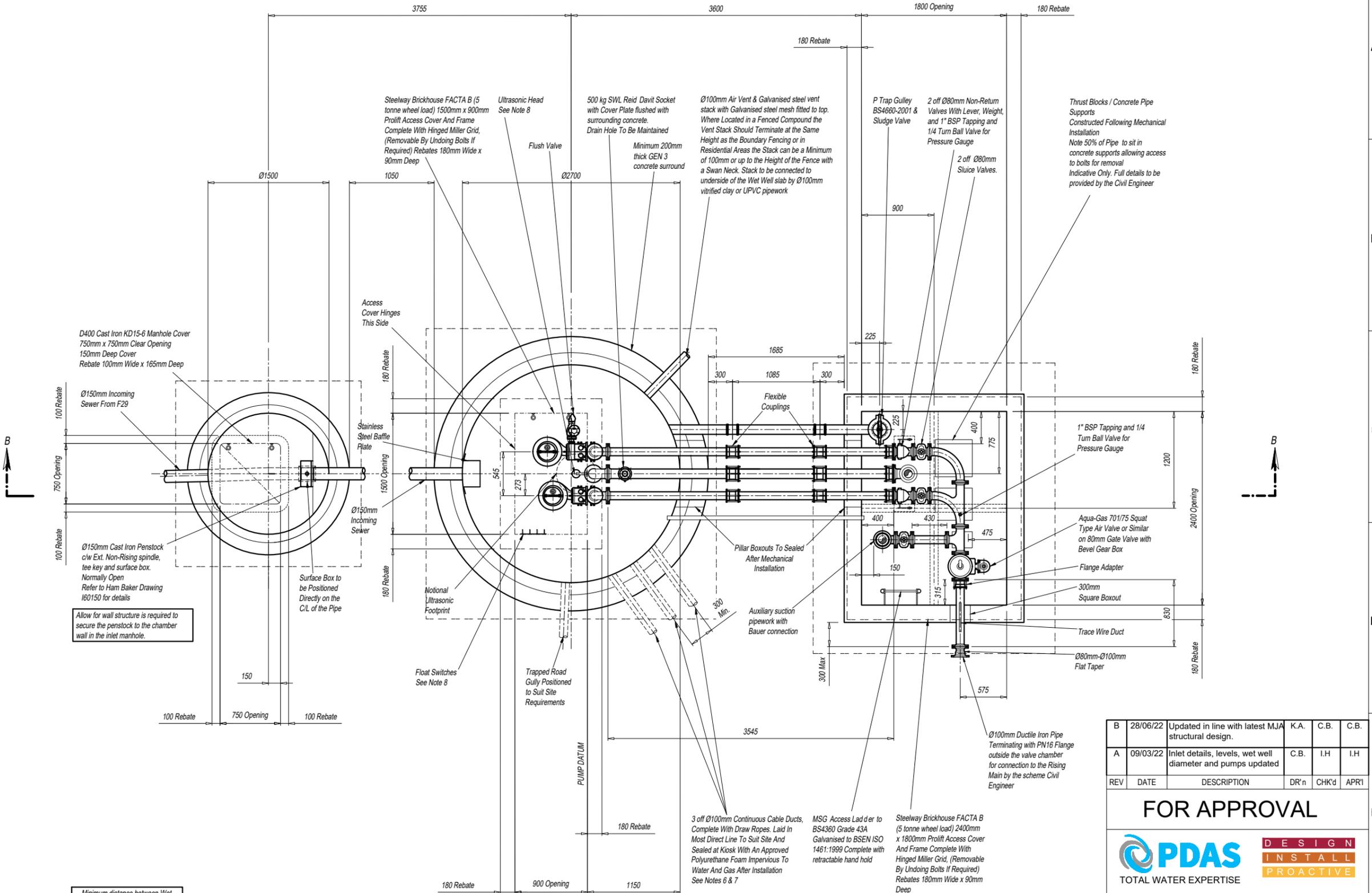
DRAWING NUMBER **1926-14633-002** DR'n **K.M.** DATE **19-11-2021**

STANDARD NOTES H-3-264-734

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VIEW ON SECTION A - A

Minimum distance between Wet Well and Valve Chamber to be 1200mm

All Cut Pipe Joints As Close To Structures As Possible Consistent With Making The Joint. The Rocker Pipes To Be 1m Or Equal To One Nominal Pipe Diameter Whichever Is The Larger

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To be read in conjunction with MJA Consulting Structural Design

REV	DATE	DESCRIPTION	DR'n	CHK'd	APR'l
B	28/06/22	Updated in line with latest MJA structural design.	K.A.	C.B.	C.B.
A	09/03/22	Inlet details, levels, wet well diameter and pumps updated	C.B.	I.H.	I.H.

FOR APPROVAL

PDAS DESIGN INSTALL PROACTIVE
TOTAL WATER EXPERTISE

BUILDING 4 & 5, HTECH, FRIMLEY 4 BUSINESS PARK, FRIMLEY, CAMBERLEY, SURREY, GU16 7SG OFFICE TEL No. (01483) 930520 WEBSITE WWW.PDASLTD.CO.UK

PROJECT	WHITECHAPEL ROAD CLECKHEATON		
TITLE	FOUL WATER PUMP STATION PLAN VIEW		
CLIENT	BARRATT DAVID WILSON HOMES YORKSHIRE WEST		
SCALE AT A1	1:25	SCALE AT A3	1:50
QUOTE NUMBER	1926	APR'l	C.B. DATE 19-11-2021
JOB NO.	14633	CHK'd	I.H. DATE 19-11-2021
DRAWING NUMBER	1926-14633-003	DR'n	K.M. DATE 19-11-2021

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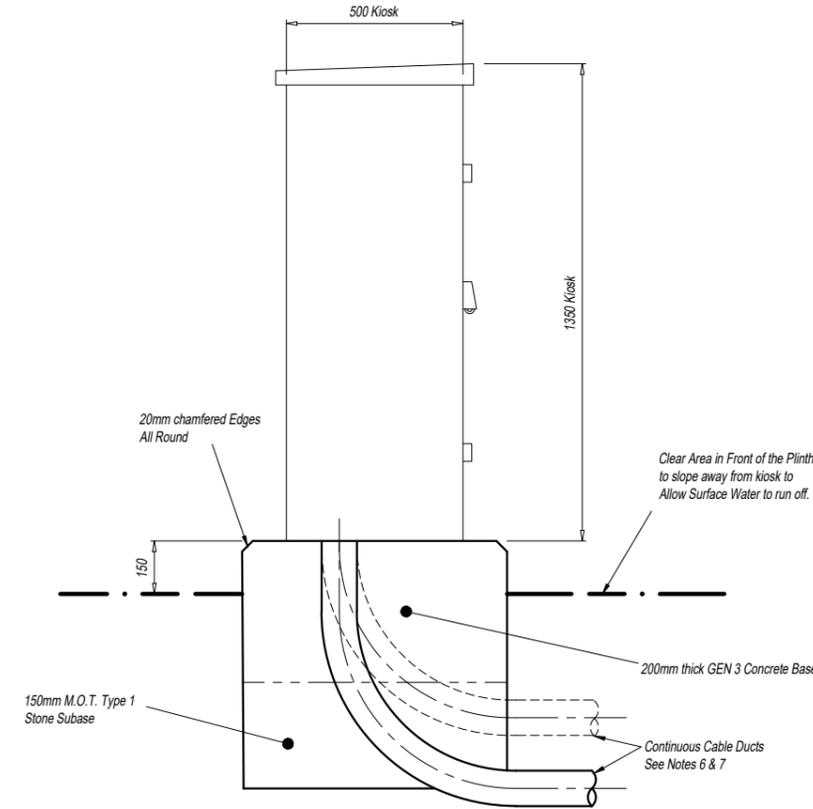
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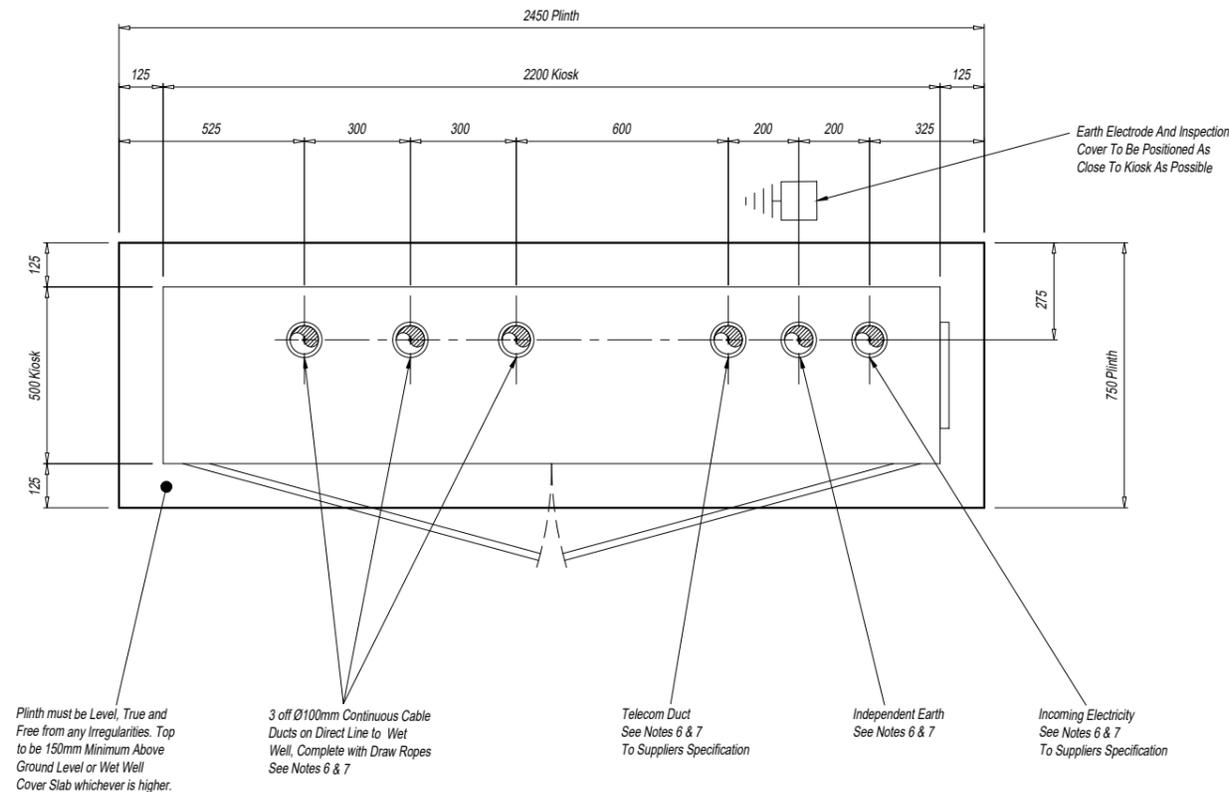
KIOSK NOTES

- KIOSK DOORS FITTED WITH TRIANGULAR KEYED CAMLOCKS AT THE TOP AND BOTTOM OF EACH DOOR AND SECURED BY AN HARDENED HASP AND STAPLE IN THE CENTRE, SIZED TO TAKE A YORKSHIRE WATER PADLOCK.
- DUCTS WITHIN THE WET WELL SHOULD NOT BE SEALED WITH FOAM - THEY SHOULD BE SEALED WITHIN THE KIOSK USING GAS TIGHT SEALING PUTTY TO 10 ATEX 137 DIRECTIVE.

To be read in conjunction with MJA Consulting Structural Design



VIEW ON ARROW Z



Plinth must be Level, True and Free from any Irregularities. Top to be 150mm Minimum Above Ground Level or Wet Well Cover Slab whichever is higher.

3 off 100mm Continuous Cable Ducts on Direct Line to Wet Well, Complete with Draw Ropes See Notes 6 & 7

Telecom Duct See Notes 6 & 7 To Suppliers Specification

Independent Earth See Notes 6 & 7

Incoming Electricity See Notes 6 & 7 To Suppliers Specification

Tolerance on Duct Centre Positions ±10mm

All Ducts To Be Cut Level With Top Of Plinth



A	28/06/22	Updated in line with latest MJA structural design.	K.A.	C.B.	C.B.
REV	DATE	DESCRIPTION	DR'n	CHK'd	APR'l
FOR APPROVAL					
		DESIGN INSTALL PROACTIVE			
TOTAL WATER EXPERTISE					
BUILDING 4 & 6, HTECH, FRIMLEY 4 BUSINESS PARK, FRIMLEY, CAMBERLEY, SURREY, GU16 7SG		OFFICE TEL No. (01483) 930520		WEBSITE WWW.PDASLTD.CO.UK	
PROJECT WHITECHAPEL ROAD CLECKHEATON					
TITLE FOUL WATER PUMP STATION KIOSK AND PLINTH DETAIL					
CLIENT BARRATT DAVID WILSON HOMES YORKSHIRE WEST					
SCALE AT A1	1:10		SCALE AT A3	1:20	
QUOTE NUMBER	1926	APR'l	C.B.	DATE	19-11-2021
JOB NO.	14633	CHK'd	I.H.	DATE	19-11-2021
DRAWING NUMBER	1926-14633-004	DR'n	K.M.	DATE	19-11-2021

STANDARD NOTES **H-3-264-734**

1. DO NOT SCALE.
2. UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN MILLIMETRES AND ALL INVERTS IN METRES AOD.
3. ALL CIVIL WORKS ARE THE RESPONSIBILITY OF THE DEVELOPER / CONTRACTOR INCLUDING FIXING OF STEELWORK SUCH AS ACCESS COVERS AND PENSTOCKS ETC. INSTALLATION OF CABLE DUCTS, BENCHING AND MAKING GOOD AROUND PIPES AFTER INSTALLATION.
4. REINFORCING BARS ARE TO BE A MINIMUM OF 75MM BELOW THE SURFACE. ANY STRUCTURAL DETAILING / CIVIL WORKS SHOWN ON THIS DRAWING ARE ILLUSTRATIVE ONLY UNLESS OTHERWISE STATED AND SHOULD NOT BE USED FOR CONSTRUCTION.
5. BENCHING IS TO BE FORMED AFTER PUMP INSTALLATION AND TO BE IN ACCORDANCE WITH THE APPLICABLE DESIGN AND CONSTRUCTION GUIDANCE AND ADOPTING AUTHORITY SPECIFICATION.
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8. LEVEL CONTROL POSITIONS ARE DIAGRAMMATIC ONLY. THEY WILL BE POSITIONED AWAY FROM OBSTRUCTIONS AND BE READILY ADJUSTABLE AFTER INSTALLATION.

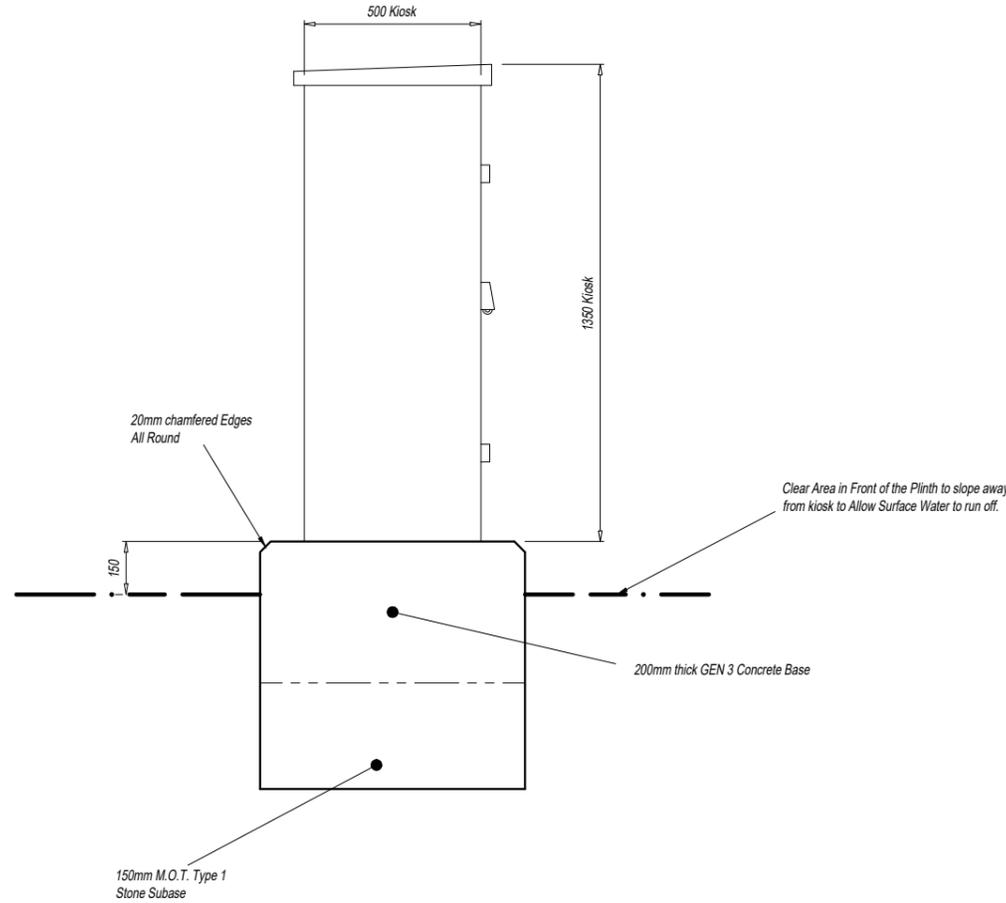
YORKSHIRE WATER NOTES

- A. COVER TO RE INFORCEMENT TO BE 40MM TO BOTH FACES.
- B. SPACERS TO BE 1200MM CENTRE TO CENTRE.
- C. CONCRETE TO BE 30 N/MM AT 28 DAYS.
- D. GROUND BEARING PRESSURE TAKEN AS 50 KN/M.
- E. NO DAY WORK JOINTS PERMITTED IN SLABS.
- F. ALL SOFT SPOTS TO BE REMOVED AND REPLACED BY SUITABLE MATERIAL.
- G. PROVIDE 50MM BLINDING CONCRETE.
- H. ALL ADOPTABLE SEWER WORKS & MATERIALS TO BE IN ACCORDANCE WITH THE CODE FOR ADOPTION, THE RELEVANT BRITISH, EUROPEAN & YORKSHIRE WATER STANDARDS, REQUIREMENTS & ADDENDUM TO THE MECHANICAL & ELECTRICAL SPECIFICATION AND KIT MARKED.
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- J. WET WELL AND VALVE CHAMBER COVERS TO BE AS SUPPLIED BY PUMP SUPPLIER AND BE RATED FACTA B (5 TONNE WHEEL LOAD). COVERS TO BE CAPABLE OF BEING LIFTED WITH AN EFFORT NOT EXCEEDING 25KG.
- K. TO BE READ IN CONJUNCTION WITH THE CIVILS DETAILS.
- L. ANY OVER BREAK BETWEEN INLET MANHOLE, WET WELL AND VALVE CHAMBER TO BE FILLED WITH LEAN MIX CONCRETE.
- M. WET WELL TO BE CLEAN AND DRY BEFORE INSTALLATION OF PUMPS COMMENCES.
- N. DEWATERING TO BE PROVIDED IF NECESSARY AS WORKS PROCEED.
- O. RISING MAIN TO BE 110MM OD PE100 SDR11 (89.1MM ID).
- P. CUT OUT AND CUT IN LEVELS TO BE ESTABLISHED ON SITE BY PUMP SUPPLIER.
- Q. THE BRACKET FOR HOLDING THE DAVIT EQUIPMENT SHOULD BE KEPT IN THE KIOSK.
- R. THRUST BLOCKS TO BE PROVIDED AT CHANGES IN DIRECTIONS.
- S. STATUTORY SERVICES TO PROVIDE ADEQUATE SERVICES TO PUMP STATION AND KIOSK AND TO ALLOW FOR ALL NECESSARY REQUIREMENTS.
- T. STAINLESS STEEL PUMP LIFTING CHAINS REQUIRED.
- U. THE DEVELOPER WILL SUPPLY, INSTALL AND COMMISSION THE TELEMETRY AT THEIR EXPENSE. YORKSHIRE WATER'S TELEMETRY SYSTEM IS THE METASPHERE MMIM OUTSTATION.
- V. KIOSK TO BE PROVIDED TO THE LATEST YWS, SFA6 AND M&E ADDENDUM.
- W. DUCTS WITHIN THE WET WELL SHOULD NOT BE SEALED WITH FOAM THEY SHOULD BE SEALED WITHIN THE KIOSK.
- X. EXTERNAL LEVEL AROUND THE BOUNDARY COMPOUND TO BE AGREED IN A PRE-START MEETING WITH AN INSPECTOR, SO THAT LEVELS FLOW TOWARDS THE GULLY.
- Y. ALL METAL FIXINGS TO BE STAINLESS STEEL.
- Z. ALL REGULAR LEVEL SWITCHES USED WITHIN THE HAZARDOUS AREA MUST BE EX-RATED.

KIOSK NOTES

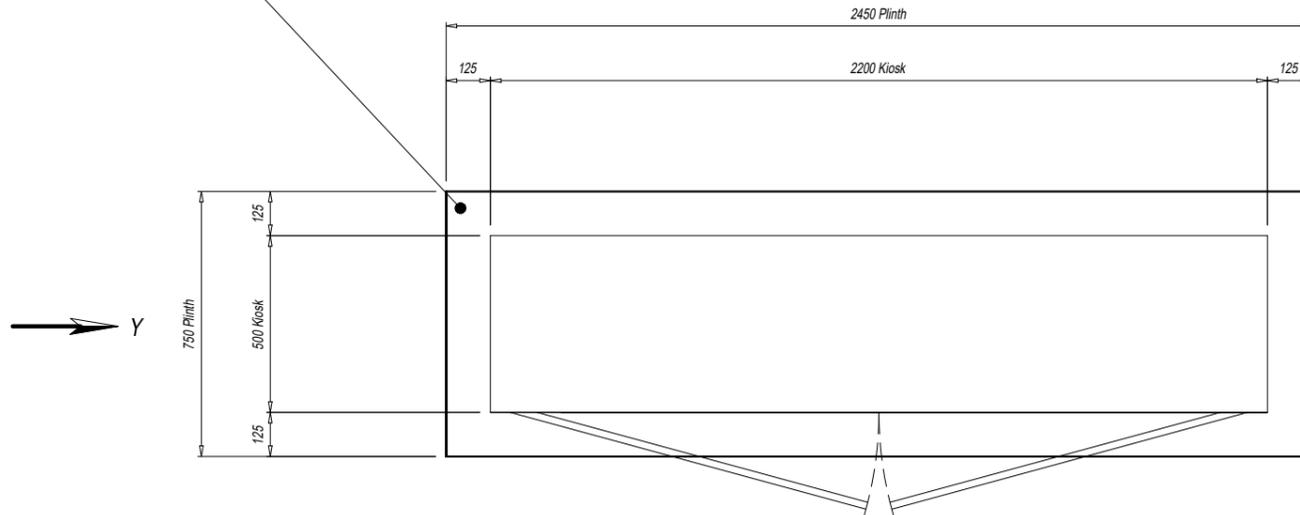
- KIOSK DOORS FITTED WITH TRIANGULAR KEYED CAMLOCKS AT THE TOP AND BOTTOM OF EACH DOOR AND A SECURE HARDENED HASP AND STAPLE TO TAKE A YORKSHIRE WATER SIZED SERVICES PADLOCK

To be read in conjunction with MJA Consulting Structural Design



VIEW ON ARROW Y

Plinth must be Level, True and Free from any Irregularities. Top to be 150mm Minimum Above Ground Level or Wet Well Cover Slab Level (Whichever is higher).



A	28/06/22	Updated in line with latest MJA structural design.	K.A.	C.B.	C.B.
REV	DATE	DESCRIPTION	DR'n	CHK'd	APR'l
FOR APPROVAL					
		DESIGN INSTALL PROACTIVE			
TOTAL WATER EXPERTISE					
BUILDING 4.6, HTECH, FRIMLEY 4 BUSINESS PARK, FRIMLEY, CAMBERLEY, SURREY, GU16 7SG		OFFICE TEL No. (01483) 930520		WEBSITE WWW.PDASLTD.CO.UK	
PROJECT WHITECHAPEL ROAD CLECKHEATON					
TITLE FOUL WATER PUMP STATION STORAGE KIOSK AND PLINTH					
CLIENT BARRATT DAVID WILSON HOMES YORKSHIRE WEST					
SCALE AT A1	1:10	SCALE AT A3	1:20		
QUOTE NUMBER	1926	APR'l	C.B.	DATE	19-11-2021
JOB NO.	14633	CHK'g	I.H.	DATE	19-11-2021
DRAWING NUMBER	1926-14633-005	DR'n	K.M.	DATE	19-11-2021

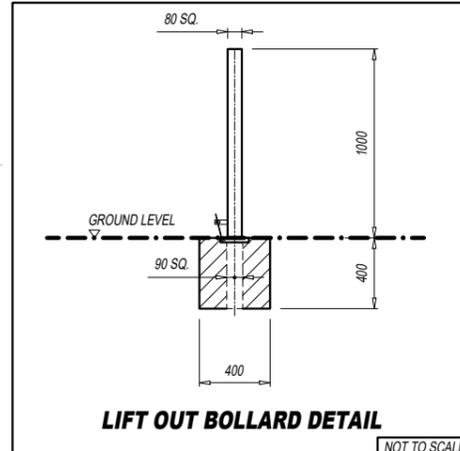
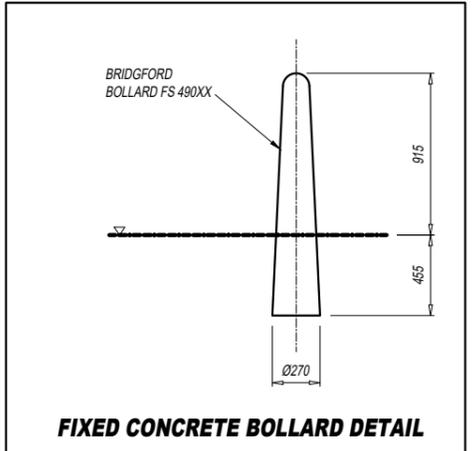
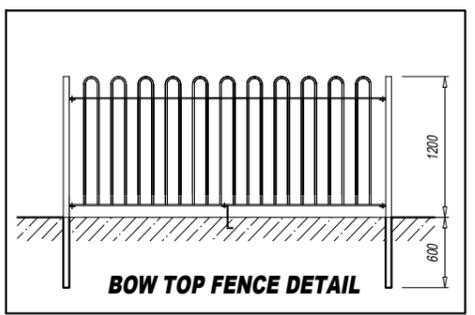
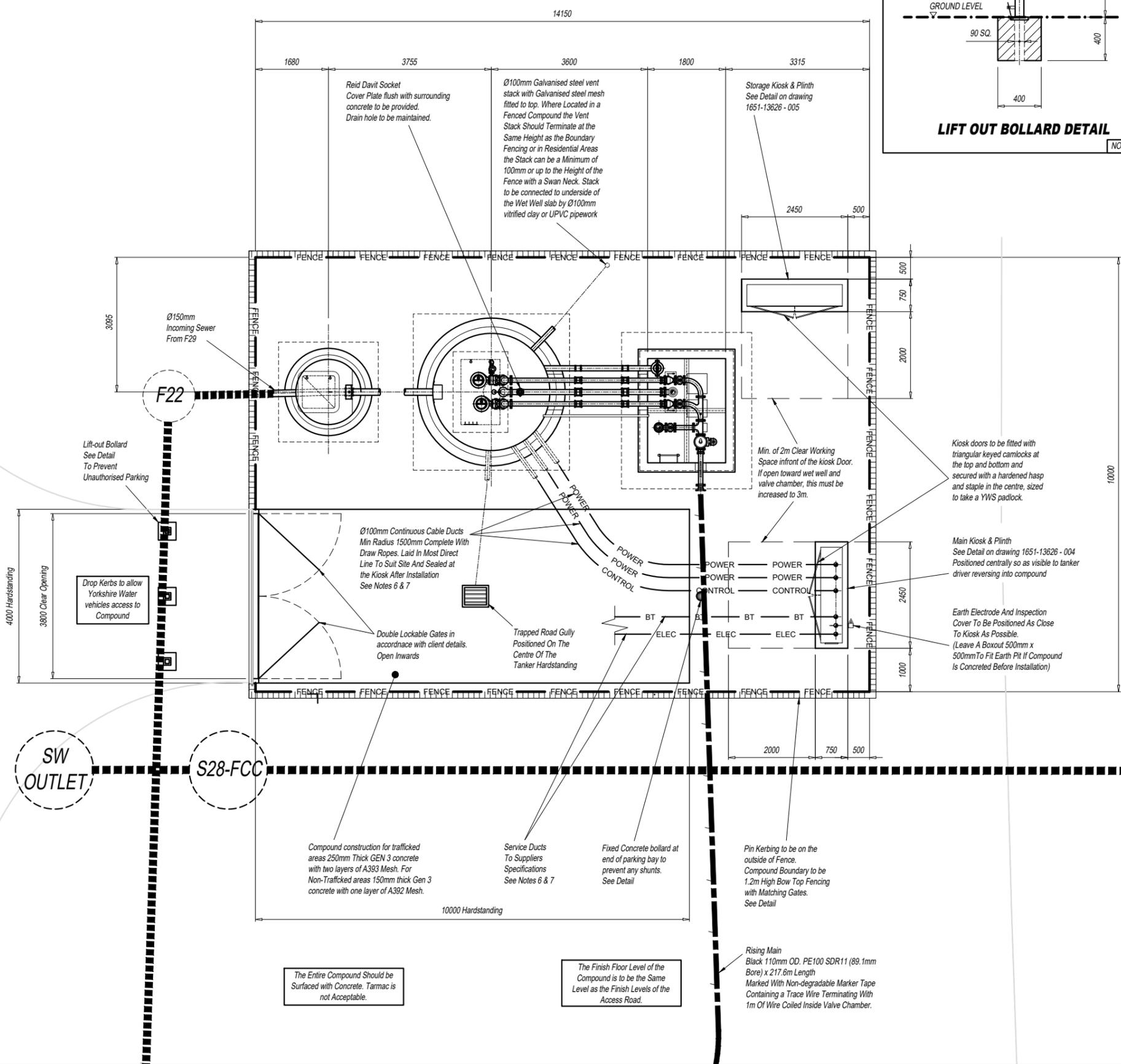
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- F. ALL SOFT SPOTS TO BE REMOVED AND REPLACED BY SUITABLE MATERIAL.
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Ownership of the compounds will have to be transferred to Yorkshire Water before adoption.



To be read in conjunction with MJA Consulting Structural Design

REV	DATE	DESCRIPTION	DR'n	CHK'd	APR'l
B	28/06/22	Updated in line with latest MJA structural design.	K.A.	C.B.	C.B.
A	25/01/22	Inlet details amended. Inlet manhole moved away from boundary. Compound extended.	C.B.	I.H.	I.H.

FOR APPROVAL

PDAS DESIGN INSTALL PROACTIVE
 TOTAL WATER EXPERTISE

BUILDING 4 & 6, HTECH, FRIMLEY 4 BUSINESS PARK, FRIMLEY, CAMBERLEY, SURREY, GU16 7SG OFFICE TEL No. (01483) 930520 WEBSITE WWW.PDASLTD.CO.UK

PROJECT: **WHITECHAPEL ROAD CLECKHEATON**

TITLE: **FOUL WATER PUMP STATION SITE PLAN**

CLIENT: **BARRATT DAVID WILSON HOMES YORKSHIRE WEST**

SCALE AT A1: 1:50 SCALE AT A3: 1:100

QUOTE NUMBER: 1926 APR'l: C.B. DATE: 19-11-2021

JOB NO.: 14633 CHK'g: I.H. DATE: 19-11-2021

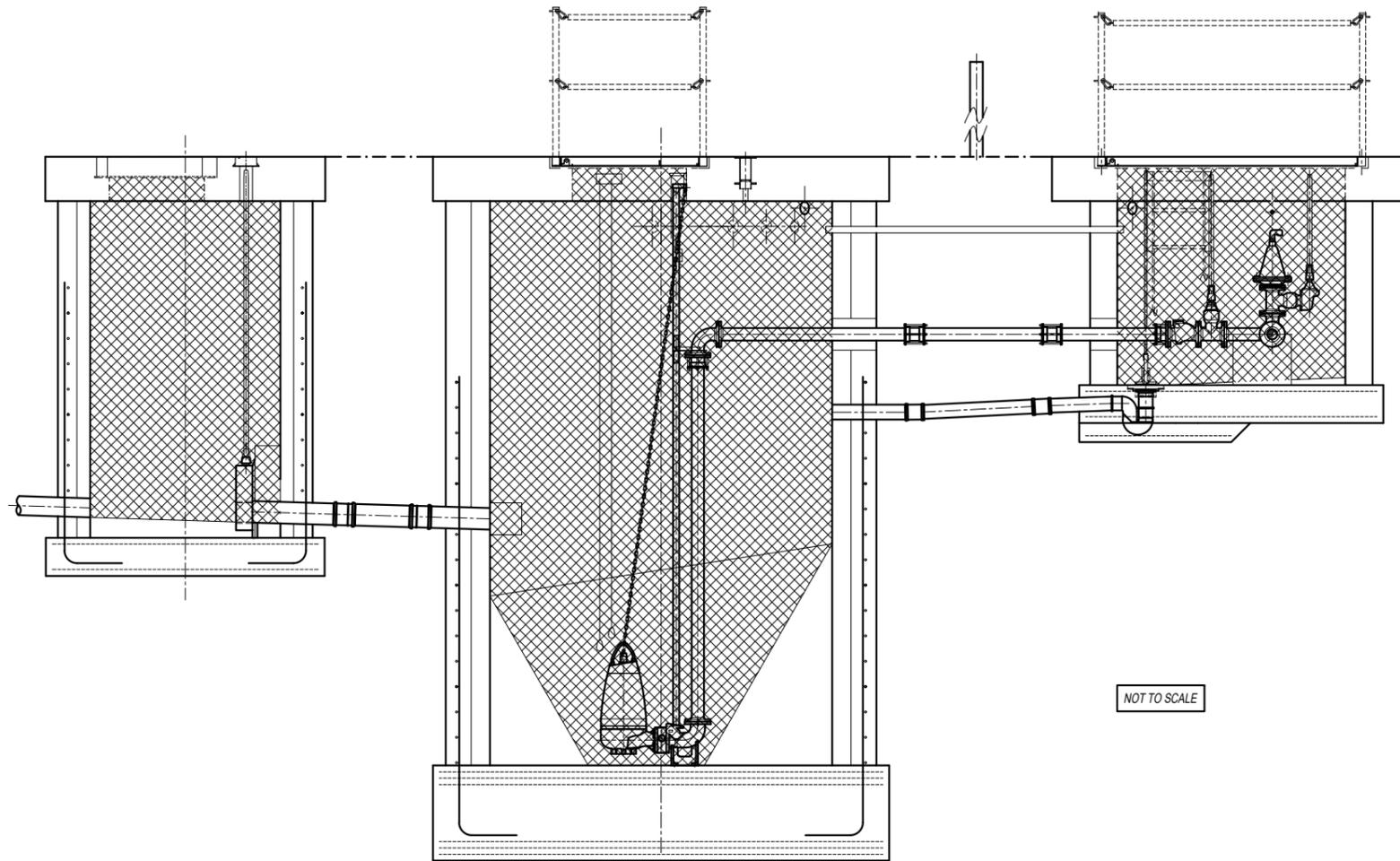
DRAWING NUMBER: 1926-14633-006 DR'n: K.M. DATE: 19-11-2021

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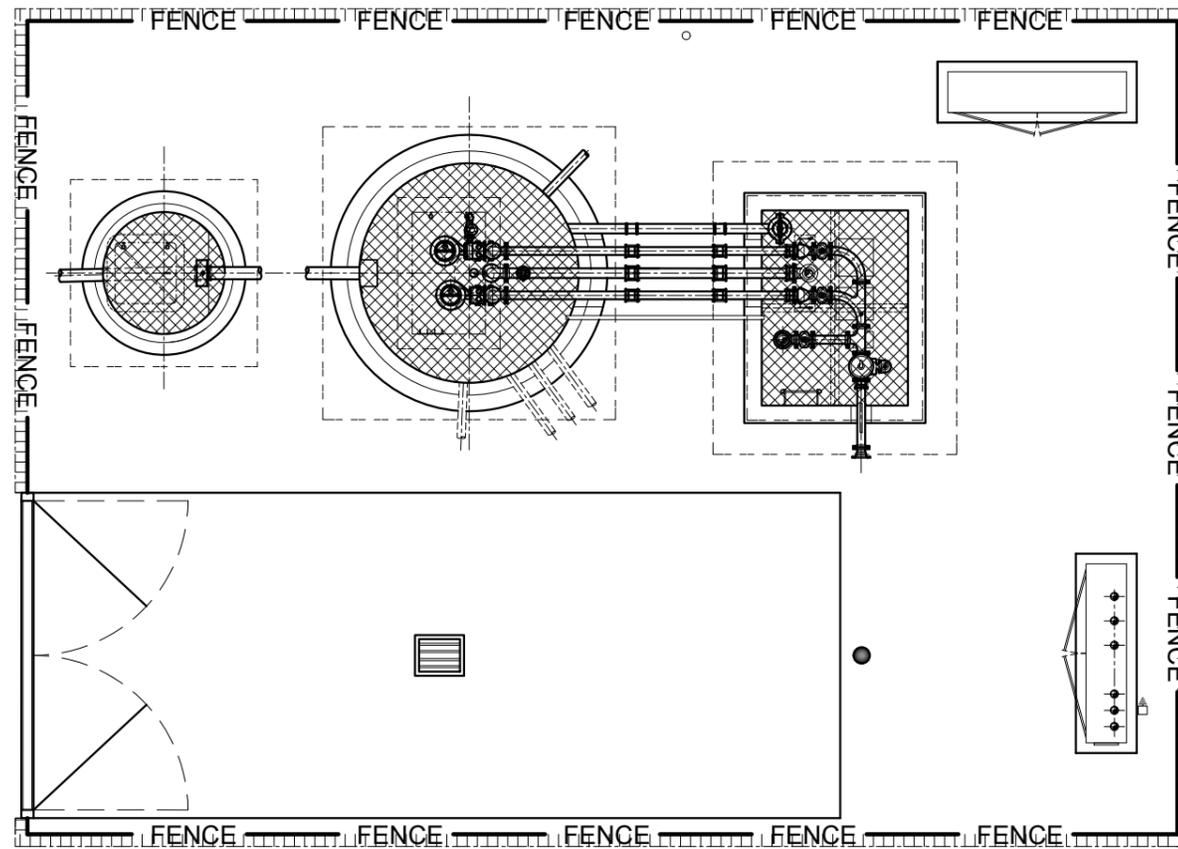


Cable Ducts in accordance with DCG v2.0 F.3.4.4 and BS EN 1401-01 & BS 4660 sealed with rise sealant system Gas + waterproof sealant system

LEGEND

- Non Hazardous Zone
- Zone 2
- Zone 1

To be read in conjunction with MJA Consulting Structural Design



REV	DATE	DESCRIPTION	DR'n	CHK'd	APR'l
B	28/06/22	Updated in line with latest MJA structural design.	K.A.	C.B.	C.B.
A	25/01/22	Minor ammendments	C.B.	I.H.	I.H.

FOR APPROVAL

PDAS DESIGN INSTALL PROACTIVE
TOTAL WATER EXPERTISE

BUILDING 4 & 6, HTECH, FRIMLEY 4 BUSINESS PARK, FRIMLEY, CAMBERLEY, SURREY, GU16 7SG OFFICE TEL No. (01483) 930520 WEBSITE WWW.PDASLTD.CO.UK

PROJECT **WHITECHAPEL ROAD CLECKHEATON**

TITLE **FOUL WATER PUMP STATION HAZARDOUS ZONING**

CLIENT **BARRATT DAVID WILSON HOMES YORKSHIRE WEST**

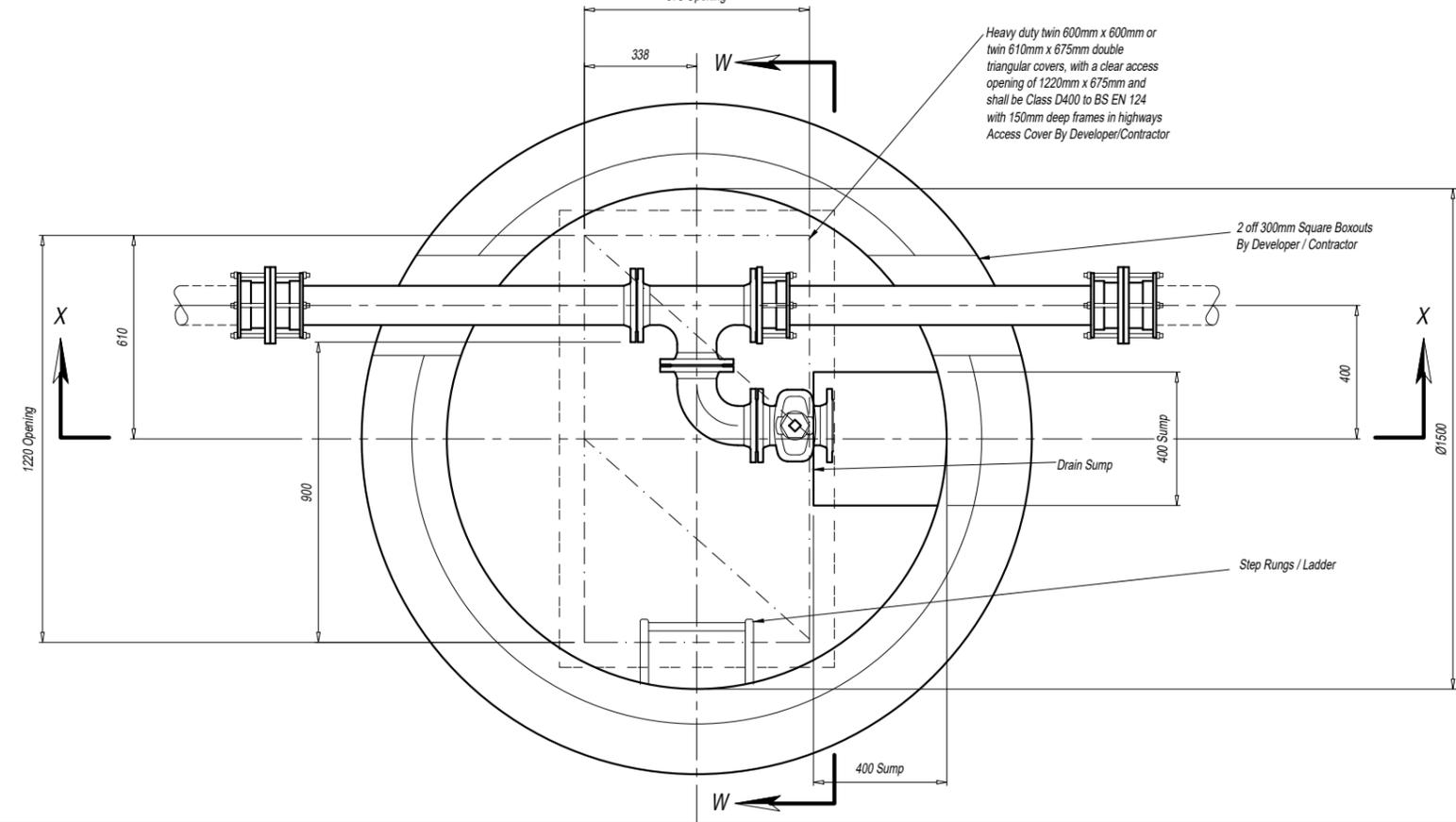
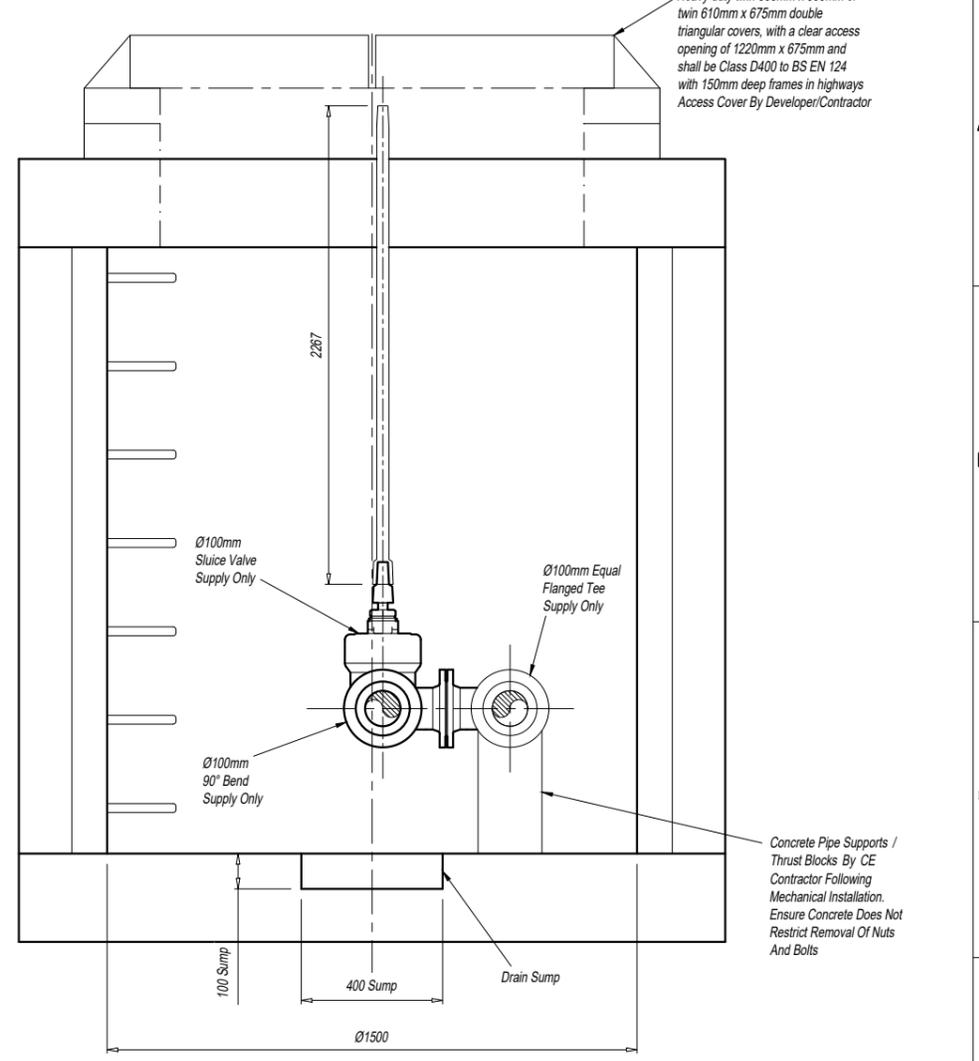
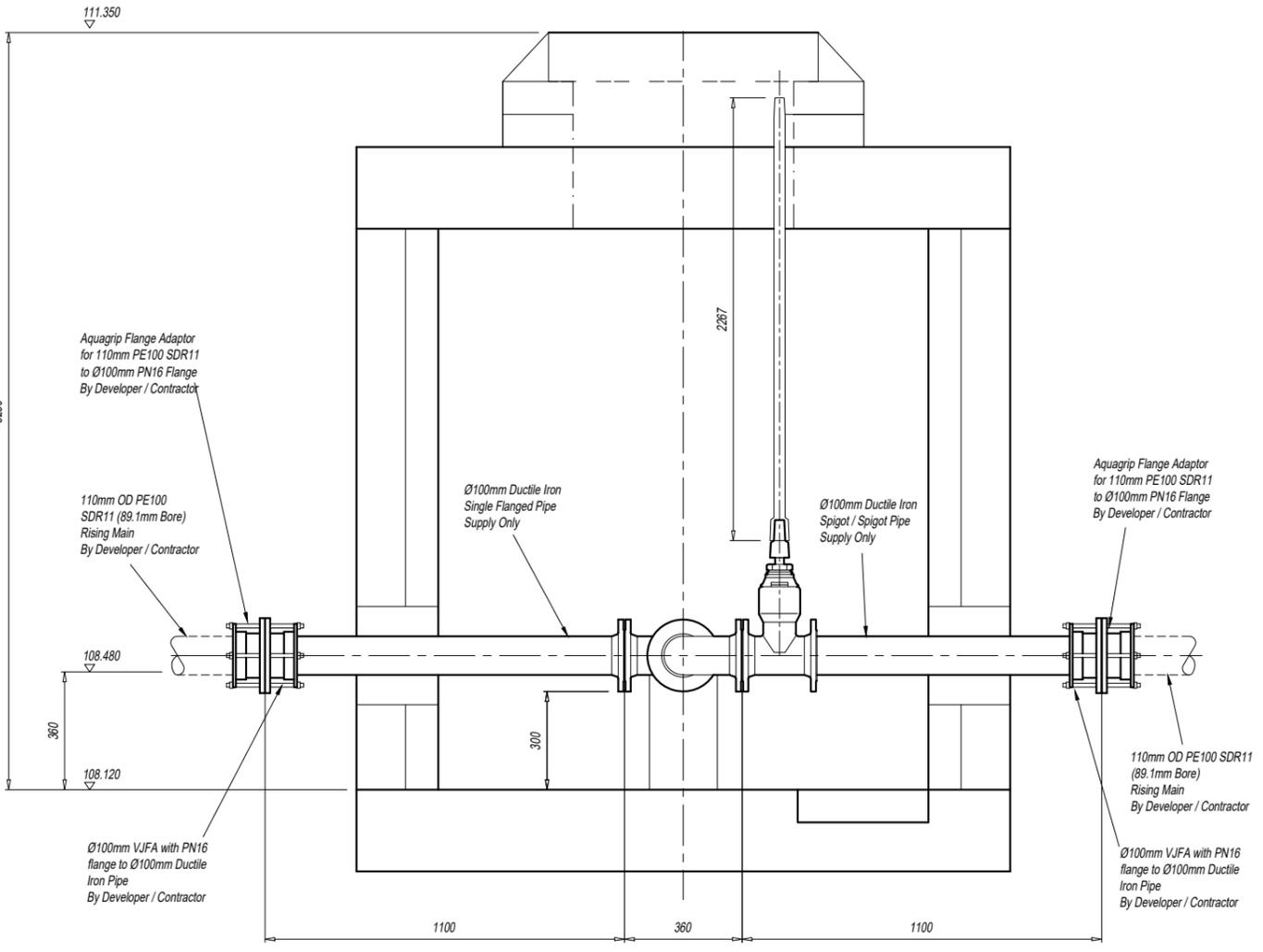
SCALE AT A1	1:25	SCALE AT A3	1:50
QUOTE NUMBER	1926	APR'l	C.B. DATE 19-11-2021
JOB NO.	14633	CHK'g	I.H. DATE 19-11-2021
DRAWING NUMBER	1926-14633-007	DR'n	K.M. DATE 19-11-2021

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To be read in conjunction with MJA Consulting Structural Design

All Cut Pipe Joints As Close To Structure As Possible Consistent With Making The Joint.

B	28/06/22	Updated in line with latest MJA structural design.	K.A.	C.B.	C.B.
A	25/01/22	Updated chainage and levels	C.B.	I.H.	I.H.
REV	DATE	DESCRIPTION	DR'n	CHK'd	APR'l

FOR APPROVAL

PDAS DESIGN INSTALL PROACTIVE
TOTAL WATER EXPERTISE

BUILDING 4 & 6, HTECH, FRIMLEY 4 BUSINESS PARK, FRIMLEY, CAMBERLEY, SURREY, GU16 7SG OFFICE TEL No. (01483) 930520 WEBSITE WWW.PDASLTD.CO.UK

PROJECT **WHITECHAPEL ROAD CLECKHEATON**

TITLE **FOUL WATER PUMP STATION WASHOUT CHAMBER AT CHAINAGE 40.4m**

CLIENT **BARRATT DAVID WILSON HOMES YORKSHIRE WEST**

SCALE AT A1	1:10	SCALE AT A3	1:20
QUOTE NUMBER	1926	APR'l	C.B. DATE 19-11-2021
JOB NO.	14633	CHK'g	I.H. DATE 19-11-2021
DRAWING NUMBER	1926-14633-008	DR'n	K.M. DATE 19-11-2021