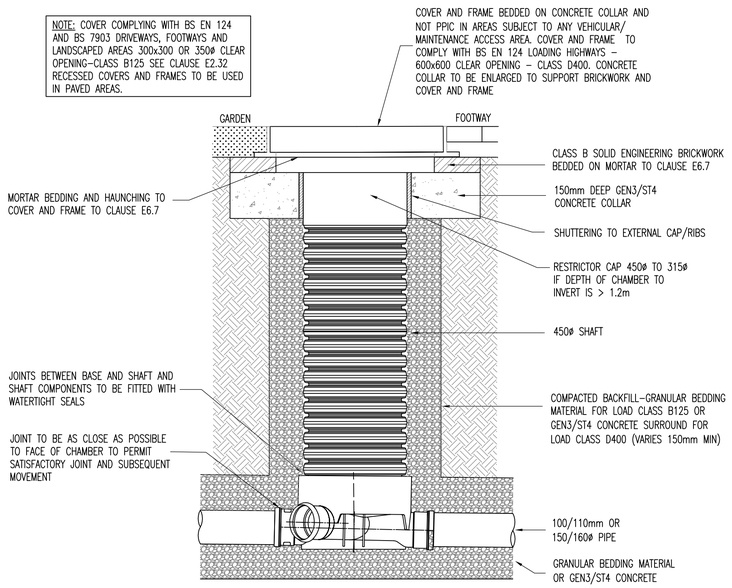
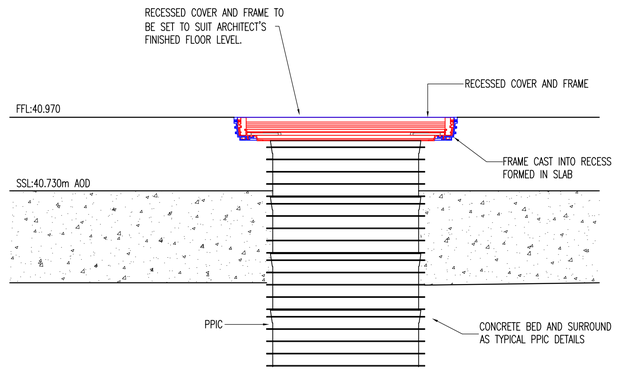
Status Selected by or on behalf of GMI Lead Approver: 31/08/2023

NOTE: COVER COMPLYING WITH BS EN 124 AND BS 7903 DRIVEWAYS, FOOTWAYS AND LANDSCAPED AREAS 300x300 OR 350ø CLEAR OPENING–CLASS B125 SEE CLAUSE E2.32 RECESSED COVERS AND FRAMES TO BE USED IN PAVED AREAS.



TYPICAL INSPECTION CHAMBER SfA–7 TYPE 4 (BASED ON WAVIN RANGE 450 CHAMBER)

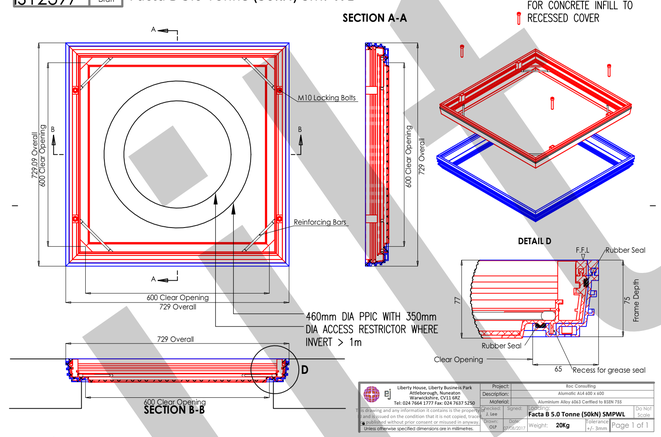
MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3m NON–ENTRY



COVER/FRAME TO INTERNAL MANHOLE

Drawing No: IS12397 Rev: Initial Draft

Facta B 5.0 Tonne (50kN) SMPWL

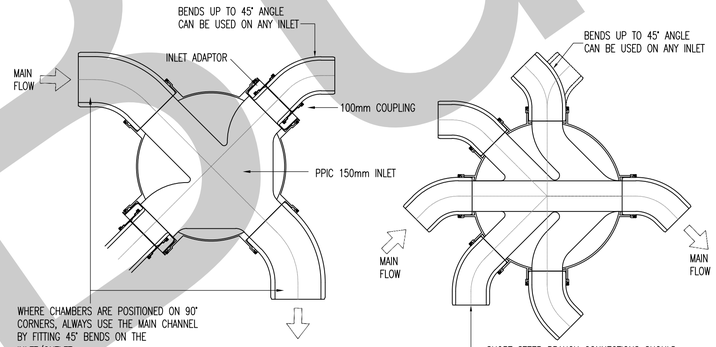


COVER/FRAME TO BE TRIPLE SEALED WITH ADDITIONAL SECONDARY INNER SEALED MANHOLE COVER FOR ODOUR CONTROL

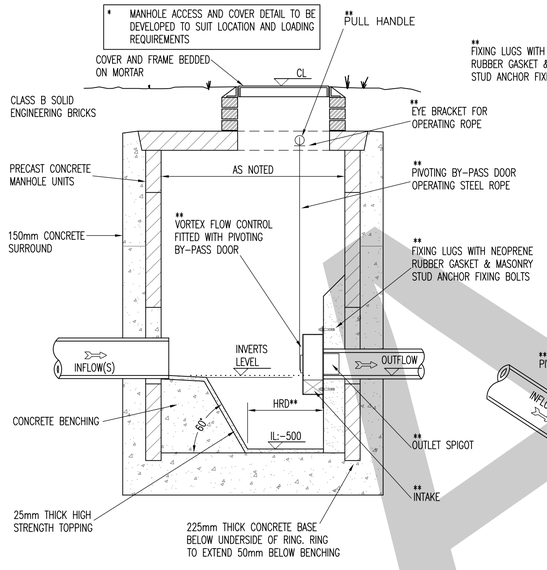
COVER AND FRAME TO INTERNAL PPIC CHAMBERS

FINAL CONSTRUCTION ISSUE

THIS DRAWING REPRESENTS THE FINAL CONSTRUCTION VERSION ISSUED TO THE CONTRACTOR INCORPORATING AMENDMENTS MADE DURING THE CONTRACT. IT IS BASED ON PERIODIC SITE INSPECTIONS BY ROC CONSULTING RATHER THAN CONTRACTOR RECORDS. NO GUARANTEE CAN THEREFORE BE GIVEN AS TO THE ACCURACY OF THE INFORMATION SHOWN



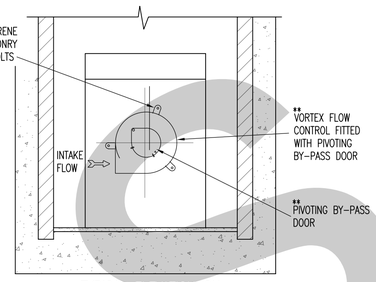
TYPICAL ACCESS CHAMBER / PPIC INSTALLATION DETAIL



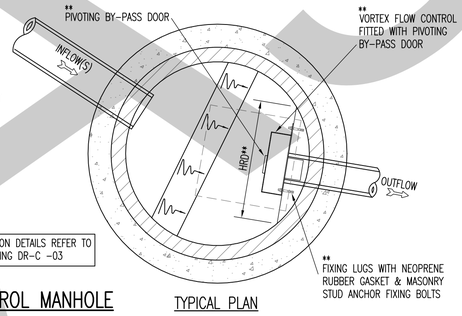
TYPICAL MANHOLE SECTION

** BY VORTEX FLOW CONTROL SUPPLIER

* FOR MANHOLE CONSTRICTION DETAILS REFER TO TYPICAL DETAILS ON DRAWING DR–C –03



TYPICAL ELEVATION ON FLOW CONTROL



TYPICAL PLAN

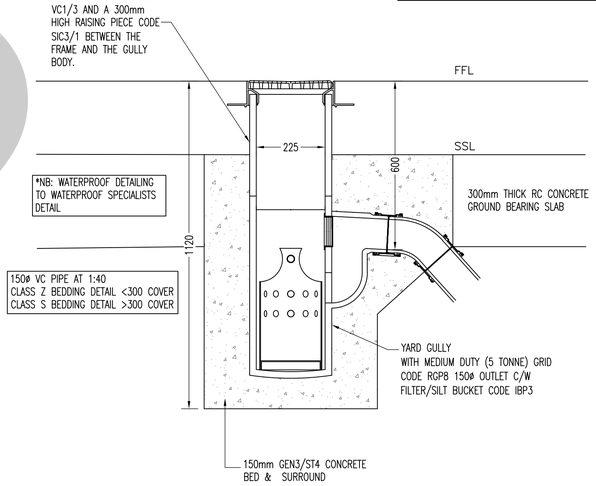
TYPICAL VORTEX FLOW CONTROL MANHOLE

NOT TO SCALE

FOR LOCATION OF VORTEX FLOW CONTROL MANHOLE REFER TO ROC DRAWING DR–C–DR01

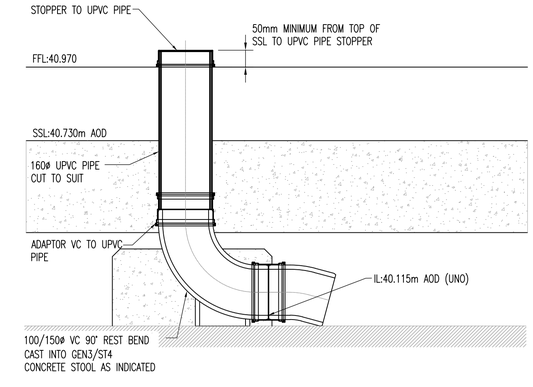
REF:	INVERT LEVEL	DESIGN HEAD	DESIGN FLOW	HYDRO–BRAKE OPTIMUM (REF)
SW.MH01	38.255m	1.55m	3.6 L/S	MD–SCL–0079–3600–1550–3600

THE DEPTH OF THE GULLY TO BE INCREASED BY 300mm BY FITTING A 225mm COUPLING CODE VC1/3 AND A 300mm HIGH RAISING PIECE CODE SIC3/1 BETWEEN THE FRAME AND THE GULLY BODY.



TYPICAL YARD GULLY DETAIL + RAISING PIECE

(HEPWORTH MATERIALS)



TYPICAL BELOW GROUND PIPE CONNECTION DETAIL

(INVERT LEVEL FOR 100ø AND 150ø ALL TO BE SET AT 40.115m AOD (UNO), uPVC PIPE LENGTH TO BE ADJUSTED AS REQUIRED)

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NOTES

FOR DRAINAGE LAYOUT PLAN REFER TO DR–C–DR01

FOR DRAINAGE NOTES REFER TO SP–C–DR02

WORK IN PROGRESS

The information on this drawing is an optimised solution based upon information as of 03.03.2021. It may be subject to change through external influences such as client brief and scope changes, services, sub-contractor requirements etc. Therefore a suitable contingent approach must be applied where the information is used for strategic decision making, procurement or construction in advance of final design requirements from other designers and sub-contractors.

REV.	DATE	DETAILS	DRN.	CHK.
C01	20.04.21	STAGE 5 ISSUE	ARJ	JAS

DRAWING STATUS: CONSTRUCTION

RIBA STAGE: STAGE 5

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DRAWN	DATE	SCALES
RM	04.2020	NTS
CHECKED: DAE	DATE: 04.2020	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE –DO NOT SCALE–
APPRVD.: JAS	DATE: 04.2020	EMAIL FOR DRAWINGS: info@rocconsulting.com

CLIENT: Greenlane Properties (Stockport) Ltd

PROJECT TITLE: Pearl Assurance House Manchester

DRAWING TITLE: Drainage Details Sheet 2 of 3

DRAWING No.: D460-ROC-ZZ-XX-DR-C-DR04 REV.: C01

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