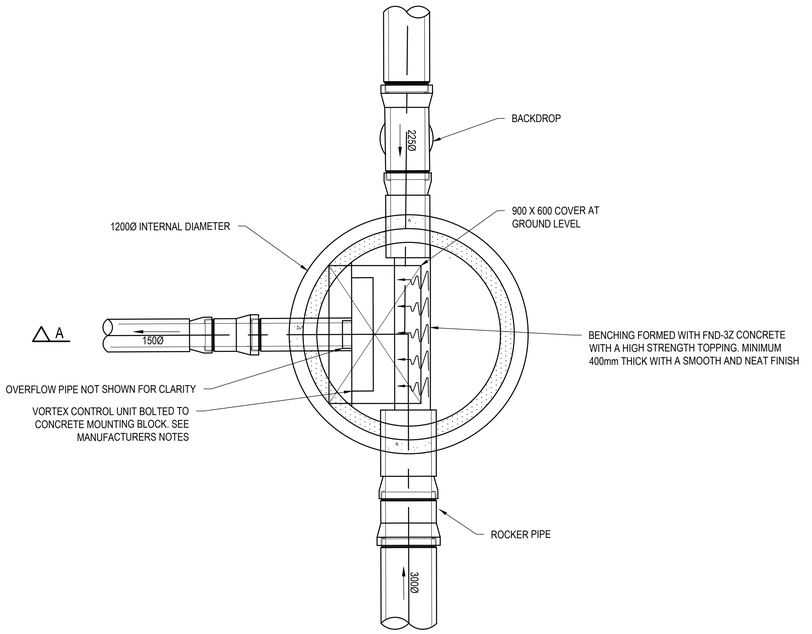
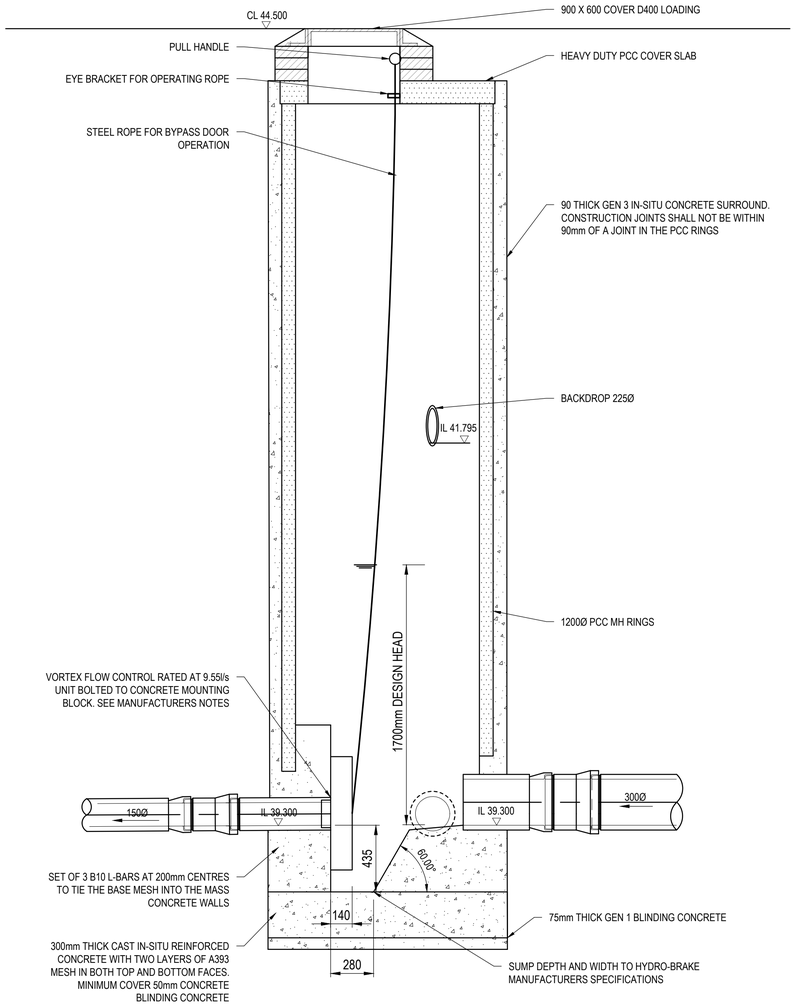


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SW MH09 HYDRO BRAKE

SCALE 1:20

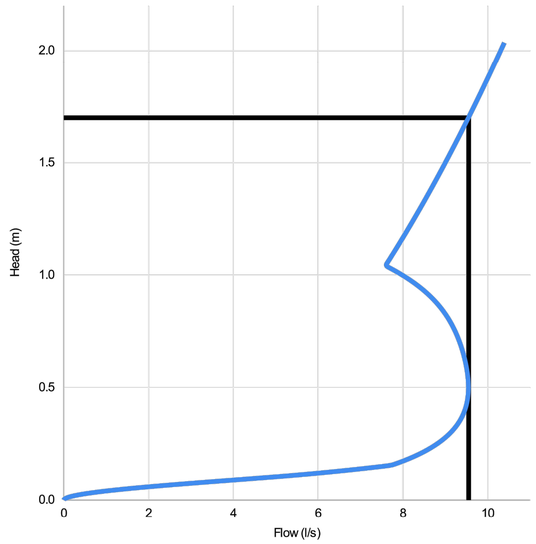


Technical Specification		
Control Point	Head (m)	Flow (l/s)
Primary Design	1.700	9.550
Flush-Flo	0.501	9.544
Kick-Flo®	1.041	7.583
Mean Flow		8.354

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BBA APPROVAL INSPECTION TESTING CERTIFICATION
CERTIFICATE No 08/4596

WRc APPROVED
PT/329/0412



Head (m)	Flow (l/s)
0.000	0.000
0.059	1.969
0.117	5.859
0.176	8.036
0.234	8.677
0.293	9.087
0.352	9.338
0.410	9.477
0.469	9.536
0.528	9.539
0.586	9.501
0.645	9.432
0.703	9.334
0.762	9.202
0.821	9.023
0.879	8.782
0.938	8.455
0.997	8.018
1.055	7.631
1.114	7.826
1.172	8.016
1.231	8.201
1.290	8.382
1.348	8.558
1.407	8.731
1.466	8.900
1.524	9.065
1.583	9.228
1.641	9.387
1.700	9.543

DESIGN ADVICE	The head/flow characteristics of this SHE-0132-9550-1700-9550 Hydro-Brake Optimum® Flow Control are unique. Dynamic hydraulic modelling evaluates the full head/flow characteristic curve.
!	**The use of any other flow control will invalidate any design based on this data and could constitute a flood risk.**
DATE	26/04/2023 07:05
Site	Angel Square Plots 2 & 3
DESIGNER	Francisco Rodriguez
Ref	0050930

Hydro International

SHE-0132-9550-1700-9550

Hydro-Brake Optimum®

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HYDRO BRAKE TO BE HANDLED AND INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS

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DO NOT SCALE THIS DRAWING.

HEALTH AND SAFETY INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING

CONSTRUCTION.

- WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
- WORKS IN PROXIMITY TO LIVE SERVICES
- WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET AND ANGEL STREET

MAINTENANCE/CLEANING/OPERATION.

- WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
- WORKS IN PROXIMITY TO LIVE SERVICES
- WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET AND ANGEL STREET

DECOMMISSIONING/DEMOLITION.

- WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
- WORKS IN PROXIMITY TO LIVE SERVICES
- WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET AND ANGEL STREET

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL DRAINAGE LAYOUTS, SCHEDULES AND DETAILS.
2. THE DEVELOPER SHALL REVIEW THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATION FOR THE PROPOSED ADOPTABLE SEWERS IN ACCORDANCE WITH SEWERS FOR ADOPTION AND THE REQUIREMENTS OF THE STATUTORY UNDERTAKER / BUILDING CONTROL AND THE SPECIFIC REQUIREMENTS OF THE CLIENT.
3. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS IN LINE WITH CURRENT LEGISLATION WHEN WORKING IN/NEAR CONFINED SPACES, DEEP EXCAVATIONS AND UTILITIES.
4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
5. ALL DRAINAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH BS EN 752 DRAINS AND SEWERS OUTSIDE BUILDINGS, THE CURRENT LOCAL BUILDING REGULATIONS AND TO THE SATISFACTION OF THE WATER AUTHORITY / BUILDING CONTROL OR SPECIFIC REQUIREMENTS OF THE CLIENT IF APPLICABLE.
6. BURIED CONCRETE, INCLUDING PRECAST CONCRETE TO BE DESIGNED TO BRE DIGEST 1, CONCRETE IN AGGRESSIVE GROUND. SULPHATE RESISTING CEMENT SHALL BE USED UNLESS AN ALTERNATIVE IS AGREED WITH THE SUPERVISING OFFICER/ENGINEER.
7. FOR DESIGNED, DESIGNATED OR STANDARDISED PRESCRIBED CONCRETE REFER TO BS EN 206-1 AND BS 8500. THEY SHALL HAVE A 20mm NOMINAL MAXIMUM SIZE OF AGGREGATE, AND A SLUMP CLASS S2 FOR TARGET 70mm AND NO ADMIXTURES.
8. ALL PIPES SHALL BE LAID SOFFIT TO SOFFIT UNLESS STATED OTHERWISE ON THE MANHOLE SCHEDULE.
9. MANHOLES & COVER SLABS TO BS EN 1917 AND BS 5911-3. PREFORMED SWEPT CHANNELS SHALL BE USED AT JUNCTIONS AND NO BRANCH SHALL ENTER AT LESS THAN 90 DEGREES FROM THE OUTGOING SEWER.
10. MANHOLE COVERS TO BE TO BS EN 124.
11. ALL PROPRIETARY PRODUCTS ARE TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS AND SPECIFICATION.

Rev	Description	Date	Iss'd	Rev'd	App'd
P01	ISSUED FOR STAGE 3	28.04.2023	MG	FR	PT

STAGE 3

Project Stage

COMMENT

Status of Drawing

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Client *MEPC*

Architect *CARTWRIGHT PICKARD*

Project **ANGEL SQUARE PLOTS 2 AND 3**

Drg Title DRAINAGE DETAILS SHEET 6

Job No.	Scale@A1
0050930	AS SHOWN

Drawn/Designed By.	Checked By.	Approved By.
MG	FR	PT

Drawing No. AS-BHE-XX-XX-DR-C-3705

Revision P01

Issued: Sat Apr 29 2023 10:04:04 Print: 2.13.1 - Microsoft Chrome - Info\S_Sheet\AS-BHE-XX-XX-DR-C-3705.dwg