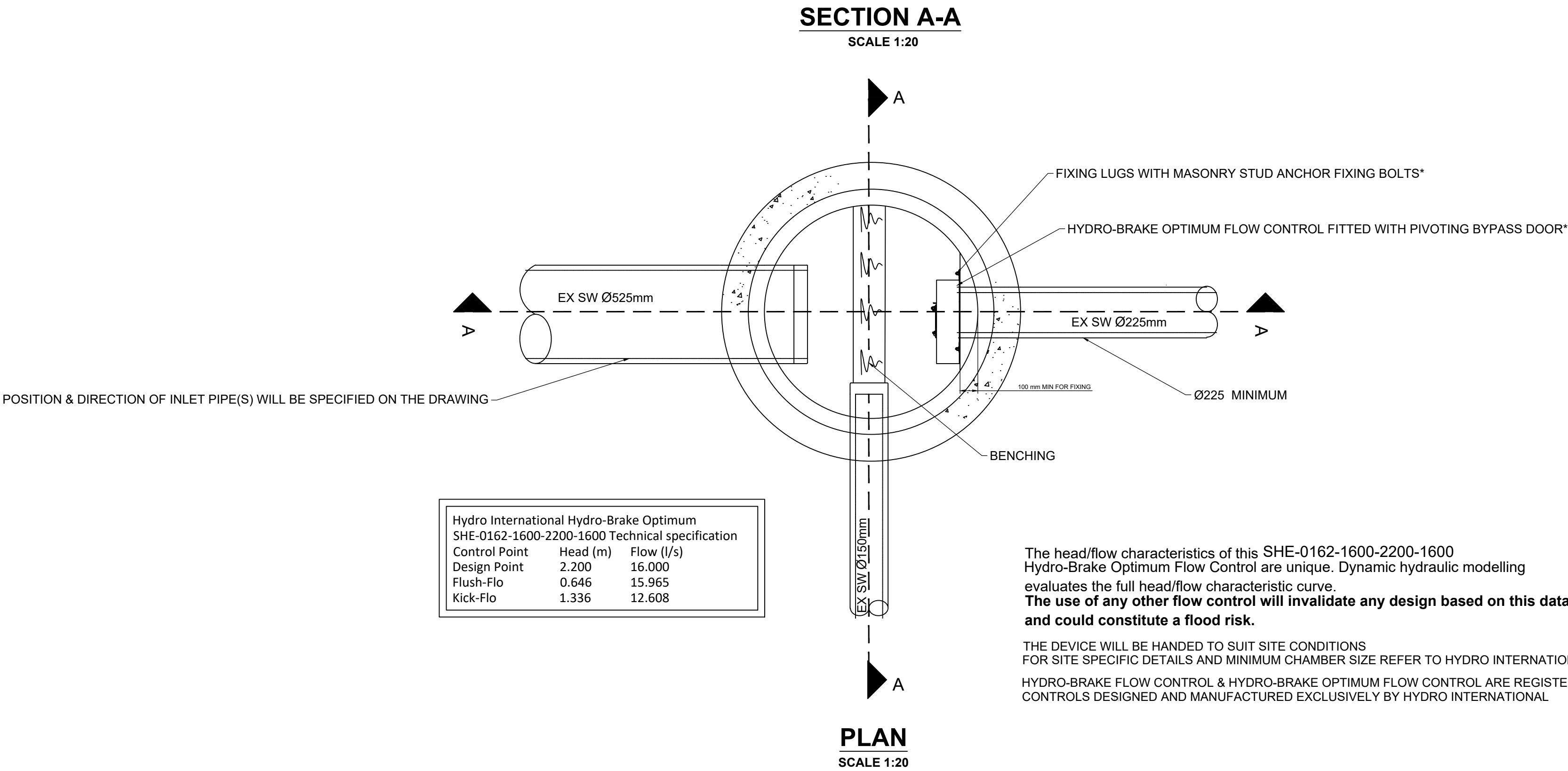
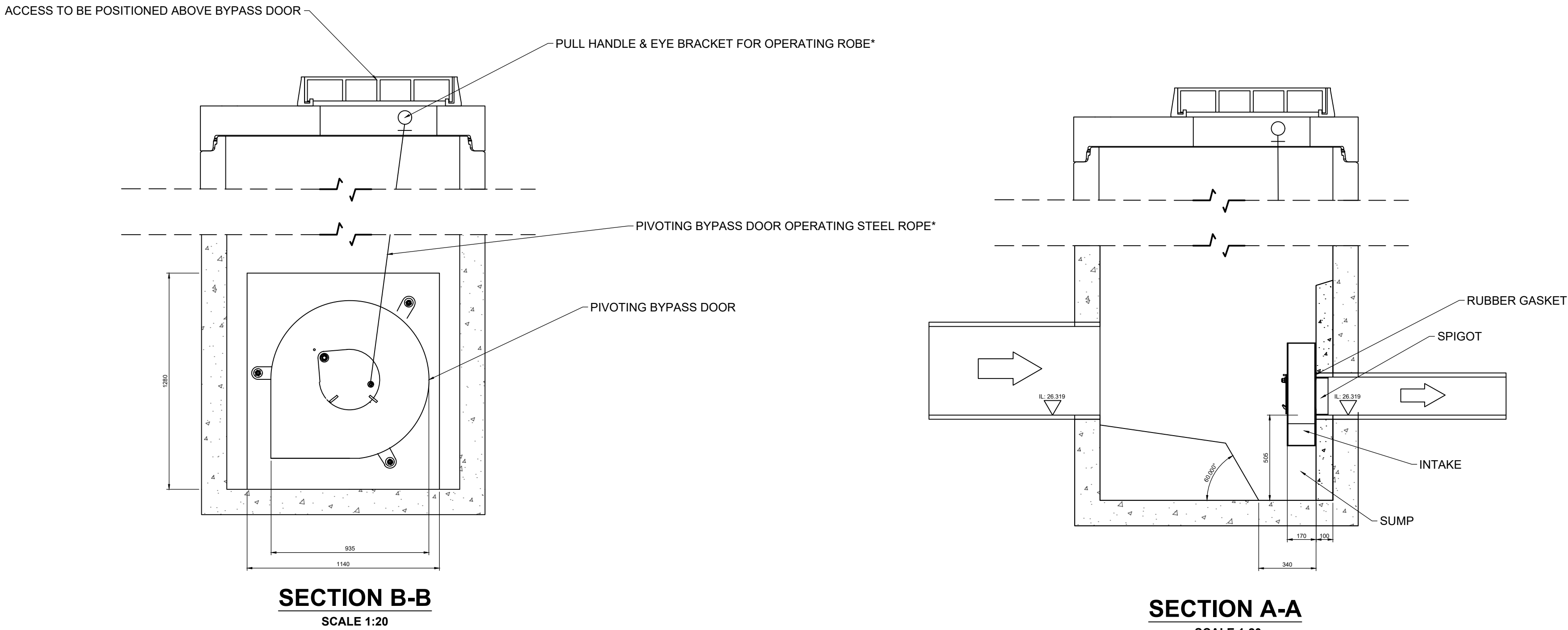
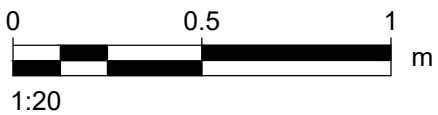


ADDITIONAL NOTES

16. THE MINIMUM CRUSHING STRENGTH FOR CLAY PIPES SHOULD BE AS FOLLOWS: 100MM DIA. 40KN/M, 150MM DIA. 40KN/M, 225MM DIA. 45KN/M AND 300MM DIA. 72KN/M. THE MINIMUM CRUSHING STRENGTH FOR CONCRETE PIPES SHOULD BE - (CLASS 120 TO EN 1916/BS9111-1 2002). PIPES SHOULD CONFORM TO WIS 4-35-01 AND BS13476.
17. ALL EXISTING CONNECTION WILL BE REINSTATED TO THE DIVERTED SEWER.
18. THE EXISTING SEWER WHERE PURPOSE TO DIVERT WILL BE GRUBBED OUT/REMOVED.



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NOTES

- DO NOT SCALE FROM THIS DRAWING.
- ALL DIMENSIONS, CO-ORDINATES AND LEVELS ARE GIVEN IN METRES UNLESS SHOWN OTHERWISE.
- THE CONTRACTOR IS TO VERIFY EXACT DETAILS OF EXISTING SERVICES, ALL GROUND LEVELS AND BUILDING / SITE DIMENSIONS ALONG PROPOSED PIPE ROUTES PRIOR TO CONSTRUCTION
- COLOURED PLASTIC MARKER TAPE AT LEAST 150mm WIDE IS TO BE LAID AT A MINIMUM OF 200mm ABOVE THE SOFFIT OF THE PIPE. THE TAPE SHALL BE PRINTED WITH A DESCRIPTION OF THE SERVICE IN BOLD CAPITAL LETTERS THROUGHOUT ITS LENGTH IN INTERVALS NOT EXCEEDING 700mm AND SHALL INCORPORATE A CORROSION RESISTANT TRACING SYSTEM FOR NON-METALLIC PIPES
- THE CONTRACTOR IS TO CONSTRUCT THE WORKS IN ACCORDANCE WITH CESWI 7TH EDITION, THE CODE OF PRACTICE FOR THE SELF-LAYING WATER MAINS AND SWW's TECHNICAL STANDARDS FOR THE WATER INSTALLATIONS AND DRAINAGE TO BE CONSTRUCTED IN ACCORDANCE WITH SEWERS FOR ADOPTION 7th EDITION AND THE CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 7th EDITION.
- ALL PIPES TO BE CLAY (HEPWORTH SUPERSLEVE) OR SIMILAR TO ALLOW MAXIMUM POSSIBLE JOINT DEFLECTION IN ANTICIPATED POOR GROUND CONDITIONS.
- ALL ADOPTABLE SEWER WORKS AND MATERIAL TO BE IN ACCORDANCE WITH "CODE FOR ADOPTION". THE RELEVANT BRITISH STANDARDS/REQUIREMENTS/ADDENDUM TO THE MECHANICAL AND ELECTRICAL SPECIFICATION AND KITEMARKED.
- MANHOLE COVERS SHALL MUST HAVE A CLEAR OPENING OF 600mm AND SHALL BE CLASS D400 TO BS EN 124 WITH 150mm DEEP FRAMES IN HIGHWAYS.
- FILLED GROUND MUST BE FILLED AND CONSOLIDATED UNDER THE SUPERVISION AND TO THE SATISFACTION OF THIRD PARTY OWNER BEFORE ANY SEWER WORKS ARE CARRIED OUT.
- SULPHATE RESISTANT CEMENT (**C20-DC2**) AND PRECAST CONCRETE PRODUCTS MUST BE USED OR A LABORATORY REPORT PROVIDED PROVING THAT SUCH PRECAUTIONS ARE NOT NECESSARY.
- THE ADOPTABLE SEWERS SHOULD BE A MINIMUM OF 1m AND MANHOLES 0.5m FROM KERB FACES AND SERVICE MARGINS.
- SEWERS MUST HAVE 5 METRES CLEARANCE FROM TREES AND HEDGES.
- SEWERS TO BE LAID IN CLASS "S" BEDDING (150mm GRANULAR BED AND SURROUND), WHERE DEPTH OF COVER TOP OF SEWER IS LESS THAN 1.2M IN HIGHWAYS AND VERGES (OR LESS THAN 900mm IN NONE VEHICULAR ACCESS AREAS) THEN A CONCRETE SLAB SHOULD BE PROVIDED ABOVE GRANULAR BED AND SURROUND.
- BEDDING AND BACKFILL MATERIAL TO CONFORM TO THE REQUIREMENT OF WATER INDUSTRY SPECIFICATION 4-08-02 (TABLE A2).
- THE CHAMBER SIZE OF MANHOLES WITH MORE THAN ONE CONNECTION IN THEM MAY NEED TO BE INCREASED AN INCREMENT TO ACCOMMODATE THE CONNECTIONS AND BENDS.

ISSUE/REVISION

C01	05/02/2024	FOR CONSTRUCTION	NM	GT	VB
I/R	DATE	DESCRIPTION	BY	CK	AP

SUITABILITY

S2 - Suitable for information

PROJECT NUMBER

60594458

SHEET TITLE

MANCHESTER COLLEGE
PHASE 2
MANHOLE DETAILS
PLANNING AUTHORITY

SHEET NUMBER

CCPH2-ACM-Z0-XX-DR-C-6002

SCALE

1:10 @ A1

REVISION

C01