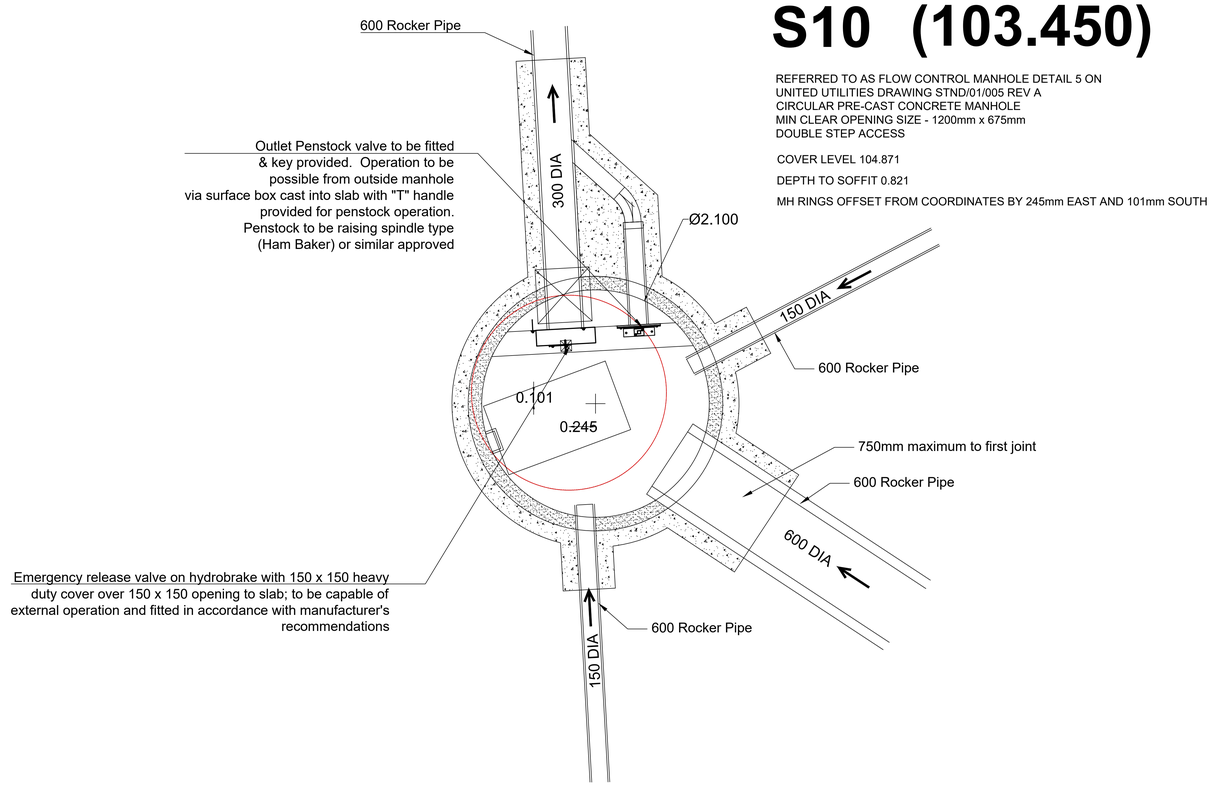
Hydrobrake Details (Manhole No. S10)	
Type	SHE-0102-4900-1200-4900
Manufacturer	Hydro International
Maximum Flow (l/sec)	4.9 (Primary Design Flow)
Orifice Diameter (mm)	150 (mm)
Design Head (m)	1.20 (m)



S10 (103.450)

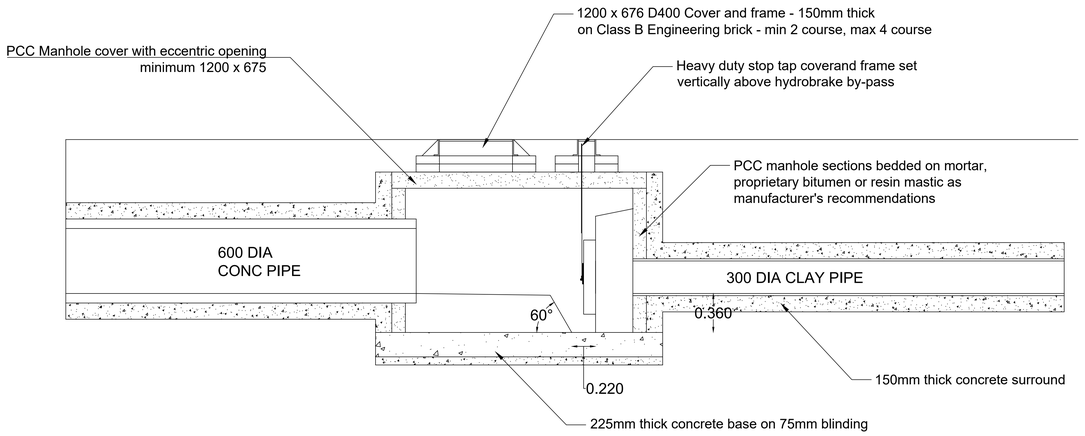
REFERRED TO AS FLOW CONTROL MANHOLE DETAIL 5 ON
UNITED UTILITIES DRAWING STND/01/005 REV A
CIRCULAR PRE-CAST CONCRETE MANHOLE
MIN CLEAR OPENING SIZE - 1200mm x 675mm
DOUBLE STEP ACCESS

COVER LEVEL 104.871

DEPTH TO SOFFIT 0.821

MH RINGS OFFSET FROM COORDINATES BY 245mm EAST AND 101mm SOUTH

1. All S185 sewers and associated works are to comply fully with United Utilities Standard Details.
2. All highway works to be to adoptable standards and to cmply fully with Local Authority specification.
3. All private drainage works are to comply fully with part H of the Building Regulations.
4. All existing invert levels to be checked by the Contractor prior to commencement. All discrepancies to be notified to Tempus. All levels stated on the drawings are based on topographical survey information provided by others.
5. All materials shall comply with the Local Authority highways specification, British Standards, Building Regulations, Sewers for Adoption, project specification. All materials to be installed in accordance with manufacturer's recommendations.
6. The Contractor shall make himself aware of any contaminants within the ground which may affect the use of any materials and where appropriate, the specification, surround or protection of such materials shall be adjusted to suit.
7. The Contractor will be responsible for obtaining all necessary permits and opening notices prior to commencement of works. All works shall be inspected as required by the Building Control Officer, Local Authority, Relevant Water Authority and Warranty Provider.



ALL ROCKER PIPE LENGTHS TO BE AS UNITED UTILITIES VARIABLE DETAILS DWG REF STND-19-010 REV A.

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Invert		Code	Inverts	Diams		Manhole	Cover
S10	104.871	1	1 2.002	103.450	600	2100	UN	D400
E. 387934.441	1.421							
N. 404255.807		0	0 2.003	103.450	300			

ALL PIPES TO HAVE CLASS "S" BED AND SURROUND UNLESS INDICATED OTHERWISE.
ALL CONCRETE PIPEWORK TO BE CLASS 120. ALL VITRIFIED CLAY PIPEWORK TO BE EXTRA STRENGTH.
ALL UPVC PIPEWORK TO BE TO BS 4660:2000 & BS EN 1401-1.
STRUCTURED WALL UPVC PIPEWORK TO COMPLY WITH WIS 4-35-01.
MAXIMUM PIPE LENGTH TO BE 3.0M.
ALL VARIABLE DETAILS TO DCG REQUIREMENTS.

REVISION	DATE	DESCRIPTION
B	12-01-24	FURTHER NOTES ADDED TO MANHOLES
A	05-01-24	FLOW DIRECTION SHOWN; NOTE ON ROCKER PIPES

CLIENT: LANCET HOMES

PROJECT: MOSSY LEA CLOSE

ADDRESS: MOSSY LEA CLOSE, MIDDLETON

DRAWING TITLE: S104 FLOW CONTROL MANHOLE

SCALE: 1:20 | DATE: JULY 2023

DRAWING NO: 9807_013

Tempus Design and Build Limited
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