



Structure Table					
Structure Name	Diameter (mm)	Depth to Invert (m)	Easting	Northing	Cover Level
SWIC1	450	0.75	389270.135	413274.886	118.23
SWIC2	450	0.8	389278.497	413277.281	120.15
FWIC1	450	2.61	389278.689	413221.453	118.96
FWIC2	450	2.61	389276.995	413220.924	118.98
FWIC3	450	1.54	389270.981	413241.838	118.18
FWIC4	450	1.56	389273.60	413242.58	118.24
FWIC5	450	1.38	389269.52	413257.16	118.25
FWIC6	450	1.49	389265.706	413256.035	118.41
FWIC7	450	1.35	389262.779	413267.300	118.41
FWIC8	450	0.99	389267.567	413279.141	118.23
FWIC9	450	0.65	389267.116	413291.131	118.04
FWIC10	450	0.90	389274.144	413293.156	120.00

*Inspection Chamber cover type to be confirmed by chamber provider, to be in accordance with BS752

- DRAINAGE WORKS
- Existing manhole positions, invert levels and pipe sizes are to be confirmed on site by the contractor prior to commencement of work on site and be reported to the Engineer.
 - All drains are to be laid to a constant gradient between manhole chambers.
 - All pipework to be laid soft to soft.
 - All pipes up to 225mm dia to be Vitrified Clay (super strength), and pre-cast concrete pipes for diameters greater than 225mm.
 - The position of new sewers around buildings is diagrammatic only. Sewers should be located within walkways to avoid tree roots.
 - All pipes entering or leaving a manhole or structure to be constructed with flexible joints. Refer to Standard Detail Drawings for requirements.
 - Where drain pipes pass through mass concrete foundations, the pipe is to be sleeved, surrounded by polystyrene, and filled with rocker pipes either side of the foundation (see Structural Engineer's drawings).
 - Pipes below ground slabs to be fully encased in concrete up to the underside of the ground slab where the depth to the pipe soffit is 600mm or less (see standard details).
 - In the areas of Public Realm, unless noted otherwise all manhole covers are to be recessed type to take surface finishes (any jointing / pattern to be continuous across the manhole cover).
 - The drainage shall be installed and tested strictly in accordance with the manufacturers printed instructions, BS 8000, BS 8301 and Local Authority byelaws.

- KEY
- PROPOSED SURFACE WATER INSPECTION CHAMBER AND PIPE. FOR INSPECTION CHAMBER DETAILS AND PIPE BEDDING DETAILS REFER TO DRAWING '17591-WSL-01-XX-DR-C-92005'
 - PROPOSED FOUL WATER INSPECTION CHAMBER AND PIPE. FOR INSPECTION CHAMBER DETAILS AND PIPE BEDDING DETAILS REFER TO DRAWING '17591-WSL-01-XX-DR-C-92005'
 - EXISTING SURFACE WATER MANHOLE AND PIPE
 - EXISTING FOUL WATER MANHOLE AND PIPE

T01	04.09.23	ISSUED FOR TENDER	ML	PB
Rev	Date	Description	By	Chk
Amendments				
Project				
ROCHDALE COLLEGE				
Title				
DRAINAGE LAYOUT				
Client				
ROCHDALE COLLEGE				
Office Address				
Telephone & Fax numbers				
mail@watermangroup.com www.watermangroup.com				
Work Stage				
STAGE 4				
Technical Design				
Sustainability				
INFORMATION				
S2				
Designed By				
PB				
Director				
PK				
Waterman Ref				
STR17591				
Drawn By				
ML				
Date				
SEP 2023				
Scales @ A1				
1:200				
Project Originator Functional Spatial Form Discipline Number				
Revision				
17591-WSL-01-XX-DR-S-92000				
T01				