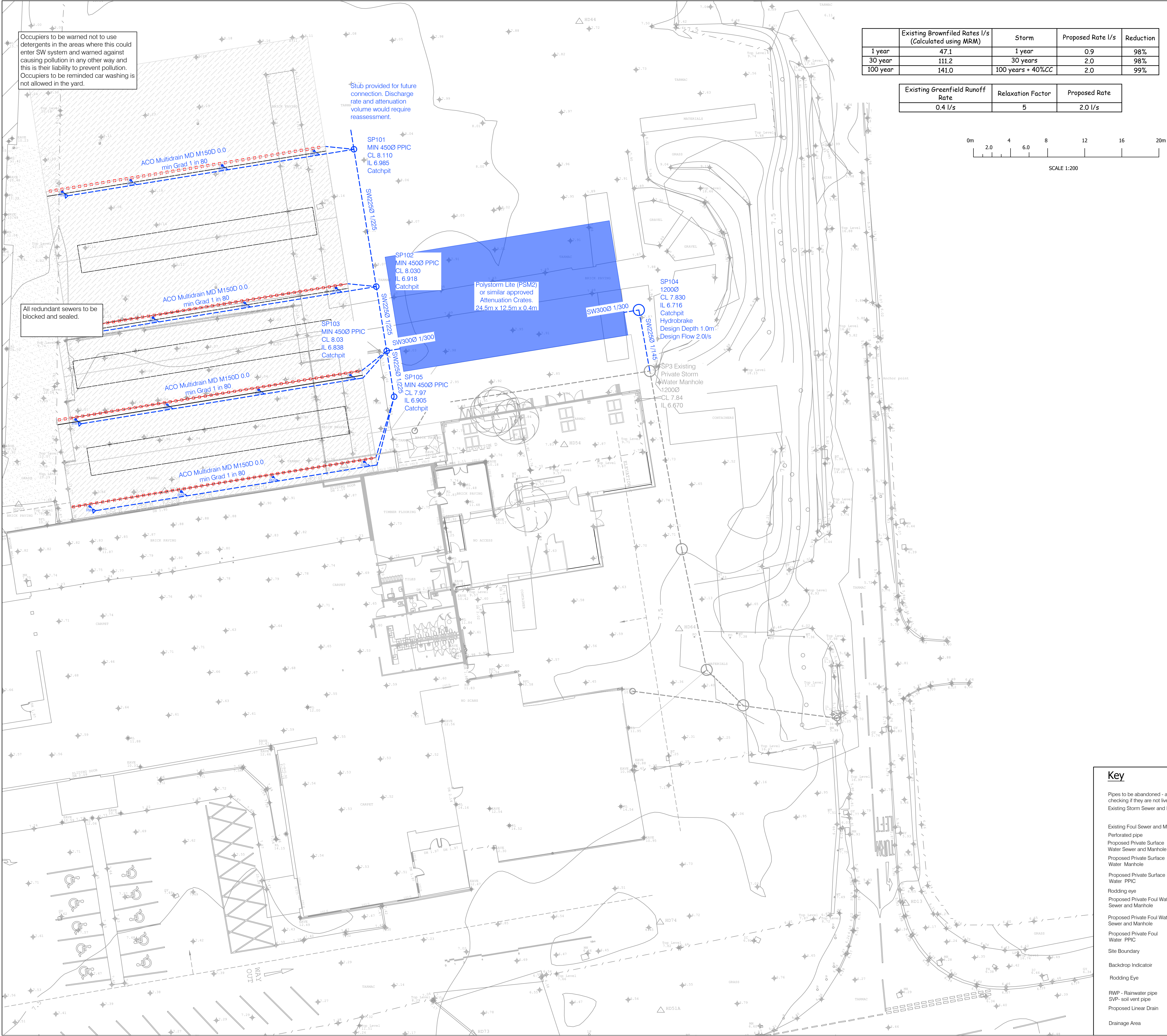
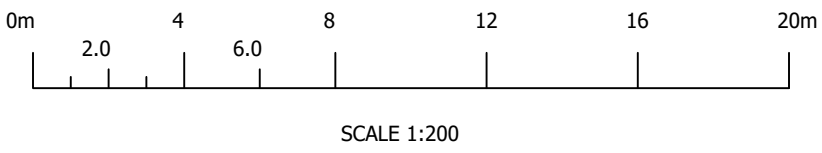




	Existing Brownfiled Rates l/s (Calculated using MRM)	Storm	Proposed Rate l/s	Reduction
1 year	47.1	1 year	0.9	98%
30 year	111.2	30 years	2.0	98%
100 year	141.0	100 years + 40%CC	2.0	99%

Existing Greenfield Runoff Rate	Relaxation Factor	Proposed Rate
0.4 l/s	5	2.0 l/s



- Notes**
- DO NOT SCALE
 - This drawing is to be read together with all other relevant design information.
 - Engineer should be informed PRIOR to construction on site if there is any conflict between the details indicated on this drawing and those shown on other drawings the.
 - All drawings issued are deemed to have Preliminary status and NOT for construction until from the relevant Authority technical approval has been obtained. Commencement of site work before such approval obtained is entirely at contractor's risk.
 - All dimensions are in millimetres unless otherwise stated.
 - It is responsibility of the Contractor to check all tie-ins for line and level with existing prior to commencement of any works. In case any errors be found The Engineer should be notified immediately in writing.
 - The positions of rainwater pipes and soil & vent pipes, etc on this drawing are understood to be indicative. Please refer to current Architects Plans' for location(s). All rainwater and soil and vent pipes to have rodding access. Design may change should the Architect's plan show inconsistent locations.
 - All private drainage to be constructed in compliance with Building Regulations Part H.
 - All private sewers/drains to be 100 mm diameter except, unless noted otherwise. Manhole IL is shown for largest diameter pipe (except outfall from Flow Control Chamber). RWP connection sizes tbc when RWP layout is completed.
 - Refer to Building Regulations Part 'H' for details for pipes running through walls and pipe runs in proximity of buildings.
 - All workmanship is to comply with current British Standards.
 - The layout of pipelines, manholes etc. is designed for the permanent case only. Additional loads over & above those designed during construction work are not taken into account in design. The Contractor is responsible for any necessary temporary protection to ensure that drainage elements are not damaged during construction.
 - Pipe gradients should not be used for setting out purposes (as they are approximate only).
 - Internal drainage is shown as indicative only. Please see architects or M&E engineers drawings for in-house connections. Alterations to the design might be required when internal connections and RWPs confirmed.
 - Soakaways to be a min of 5 metres away from structures.
 - Cover Levels to be adjusted to final surface levels.
 - Pipes to connect soffit to soffit in Manholes, except control chamber and Aco systems.
 - Contractor to liaise with Statutory Undertakes for services diversion if required
 - Manholes invert levels refer to IL of the largest diameter pipe.
 - Gullies to have drainage capacity of min. 200m2 and suitable cover for the loads
 - Permeable pavement with slopes 3% or steeper should contain check dams at regular intervals perpendicular to the slope (also applies to Cellweb - refer to manufacturer details).
 - Position and levels of existing sewers to be confirmed.
 - Foundations to be checked for potential clash with drainage. Drainage or foundations may need to be altered in case of clash.
 - Excavation within RPA to be hand dig to NIUG Guideline to avoid damage to the roots. Arborist may need to be consulted.
 - All RWPs to have roddable access.
 - Ductile iron pipe to be used in case cover is not sufficient for concrete protection.

CDM 2015	
UNLESS NOTED OTHERWISE BELOW, AJS STRUCTURAL DESIGN (THE DESIGNER) HAS NOT IDENTIFIED ANY SIGNIFICANT RISK ASSOCIATED WITH THE DESIGN INTENT SHOWN ON THIS DRAWING WHICH COULD NOT BE MANAGED SAFELY BY A COMPETENT CONTRACTOR.	
WHERE WE HAVE IDENTIFIED RISKS BELOW, REFER TO THE PROJECT RISK ASSESSMENTS ISSUED WITH DESIGN CALCULATIONS.	
ELEMENT/OPERATION	IDENTIFIED HAZARDS
Excavation	Falling to trenches, collapsing Trench collapsing
WHERE THE ABOVE IS BLANK - NO UNUSUAL RISKS HAVE BEEN IDENTIFIED	
RISK LEGEND	
	COMPULSORY ACTION
	PROHIBITIVE ACTION
	INFORMATION
	WARNING

P2	Drainage updated to suit new discharge rate as requested by planning	SR	08/05/26
P1	RWP connections moved to a separate carrier drain	SR	13/01/26
Rev.	Revision Description	Drm	Date

Key

Pipes to be abandoned - after checking if they are not live drains
Existing Storm Sewer and MH

Existing Foul Sewer and MH
Perforated pipe
Proposed Private Surface Water Sewer and Manhole
Proposed Private Surface Water Manhole
Proposed Private Surface Water PPIC
Rodding eye
Proposed Private Foul Water Sewer and Manhole
Proposed Private Foul Water PPIC

Site Boundary
Backdrop Indicator
Rodding Eye

RWP - Rainwater pipe
SVP- soil vent pipe
Proposed Linear Drain

Drainage Area

AJS STRUCTURAL DESIGN

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Uttoxeter Tel: 01889 723003 Derby Tel: 01332 913011

Contract Title:

HIGHDOWN GARDEN CENTRE,
LITTLEHAMPTON ROAD,
ANGMERING, WORTHING, BN12 6PW

Drawing Contents:

Proposed Canopy Drainage Strategy

Drawing Status:

Preliminary

Drawn by: SR Date: Jan 2026 Scale: 1:200 Paper Size A1

Drawing No: A9803 - 140 P2