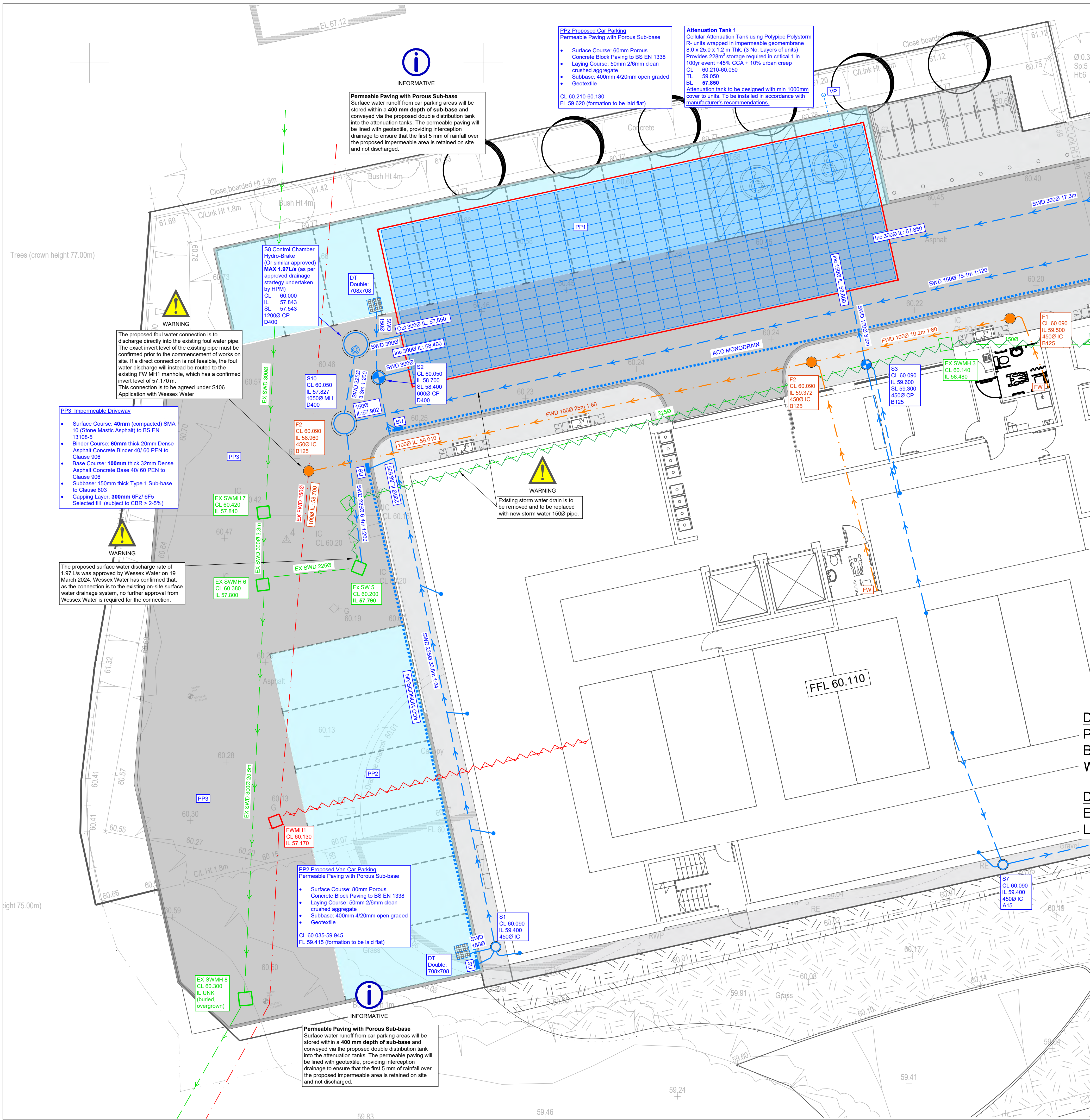




DRAINAGE LEGEND

EXISTING FEATURES

- Ex FWD
- Ex SWD
- Existing foul/surface water sewer/drain and manhole (as taken from Utility Survey undertaken by Amicon Surveys 03.08.23)
- Existing surface water sewer/drain and manhole (as taken from Utility Survey undertaken by Amicon Surveys 03.08.23)
- Existing foul/surface water sewer/drain and manhole to be abandoned

PROPOSED FEATURES

- FWD
- SWD
- ACO
- ACO channel
- Rainwater pipe
- Storm water inspection chamber
- Storm water catchpit
- Storm water vortex flow control chamber
- Permeavoid distribution tank
- Permeable surface with porous sub-base PP1, PP2
- Impermeable driveway PP3
- Impermeable footpath
- Soil stack (type TBC by architect/m&e engineer)
- Foul water inspection chamber (4500)

ABBREVIATIONS

- MH - MANHOLE
- IC - INSPECTION CHAMBER
- AC - ACCESS CHAMBER
- CP - CATCHPIT
- BC - BRAKE CHAMBER
- RE - RODDING EYE
- IL - INVERT LEVEL
- SL - SUMP LEVEL
- RA - RESTRICTED ACCESS COVER
- CL - COVER LEVEL
- TL - TOP OF CELLULAR SA
- BL - BASE OF CELLULAR SA
- FL - FORMATION LEVEL
- VP - VENTILATION PIPE
- SU - SUMP UNIT

STANDARD DRAINAGE NOTES

- DO NOT SCALE FROM THIS DRAWING. REFER TO FIGURED DIMENSIONS ONLY. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE.
- ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
- ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
- BEFORE COMMENCING CONSTRUCTION THE CONTRACTOR MUST CHECK THE INVERT LEVELS OF EXISTING SEWERS TO WHICH CONNECTIONS ARE MADE. IN ADDITION THE CONTRACTOR MUST LOCATE AND DETERMINE INVERT LEVELS OF THE EXISTING SPURS TO WHICH CONNECTIONS ARE PROPOSED. ANY DISCREPANCIES ARE TO BE NOTIFIED TO THE ENGINEER IMMEDIATELY, PRIOR TO CONSTRUCTION.
- ALL DRAINAGE WORKS SHOULD COMMENCE AT THE PROPOSED DOWNSTREAM CONNECTION POINT. THE WORKS CONTINUING UPSTREAM FOLLOWING CONFIRMATION OF THE TIE-IN INVERT LEVELS TO THE ENGINEER. CONNECTIONS TO MANHOLES OR LARGER SIZED PIPES ETC. SHOULD BE SOFFIT TO SOFFIT UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER, IF THIS IS NOT POSSIBLE INFORM THE ENGINEER IMMEDIATELY.
- COVER LEVELS SHOWN ARE APPROXIMATE. COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS.
- ALL UN-REFERENCED PIPES ARE TO BE 100mm DIA.
- ALL PIPES TO BE ADOPTED, OR CONNECTING TO ADOPTED SEWERS, TO BE VITRIFIED CLAY TO BS EN 295 AND BS85 (SWS ONLY), OR CONCRETE PIPES TO BE EN 1916 AND BS5911-PART 1.
- ROAD GULLY OUTLET PIPES ARE TO BE 150mm DIA. WITH CONCRETE SURROUND AND FLEXIBLE JOINTS. ALL GULLIES SHALL BE FITTED WITH GRADE D400 GRATINGS AND FRAMES TO BS EN124, UNLESS OTHERWISE STATED.
- ALL ADOPTABLE SEWERS SHALL BE CONSTRUCTED TO THE STANDARDS AND SPECIFICATION LAID DOWN DOWN IN 'SEWERS FOR ADOPTION' 6th EDITION, WITH A VIEW TO ADOPTION UPON COMPLETION OF WORKS.
- ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT PART-H, AND TO THE SATISFACTION OF THE BUILDING CONTROL INSPECTOR.
- THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS MADE ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
- STUB CONNECTIONS TO ADOPTABLE MANHOLES SHALL BE MADE FROM VITRIFIED CLAY AND CONSIST OF TWO ROCKER PIPES LAID AT THE SAME GRADIENT AS THE UP OR DOWNSTREAM PIPE.
- IF ANY SUB SOIL DRAINAGE SYSTEMS ARE UNCOVERED DURING THE WORKS CONTACT THE ENGINEER FOR INSTRUCTIONS. SUB SOIL DRAINS ARE TO BE DIVERTED AROUND NEW WORKS AND CONNECTED INTO THE SURFACE WATER.
- NO PRIVATE AREAS ARE TO DRAIN ONTO ADOPTABLE AREAS AND VICE VERSA.
- ALL EXISTING MANHOLE COVER, GULLIES, ETC. ARE TO BE RAISED/LOWERED TO SUIT NEW LEVELS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THE LOCATION AND DEPTH OF ALL EXISTING SERVICES AND UTILITIES THAT MAY BE PRESENT.
- UPON COMPLETION BUT PRIOR TO HANDOVER, CONTRACTOR TO CARRY OUT FULL CCTV SURVEY OF DRAINAGE SYSTEM WHICH IS TO BE REVIEWED BY ENGINEER TO ENSURE SATISFACTORY INSTALLATION.
- PROPRIETARY PRODUCTS TO BE INSTALLED IN FULL ACCORDANCE WITH MANUFACTURER'S GUIDANCE.
- MANHOLE AND CHAMBER COVER GRADES:
 - 'A15' IN ALL LANDSCAPED AREAS AND ON FOOTPATHS
 - 'B125' IN ALL DRIVEWAYS
 - 'C250' IN PRIVATE PARKING AREAS
 - 'D400' IN CARRIAGEWAY/ACCESS ROAD

DESIGN SUBJECT TO THE APPROVAL OF:
PLANNING AUTHORITY
BUILDING CONTROL
WATER AUTHORITY

DESIGN SUBJECT TO THE CONFIRMATION OF:
EXTERNAL LEVELS DESIGN
LOCATION AND DEPTH OF EXISTING UTILITIES

Site Specific Notes

- Proposed surface water drainage strategy has been designed based on the approved drainage strategy undertaken by HPM, the CCTV survey of existing drainage, the Ground Investigation report by Albert Cole Consultants and desktop study.
- Based on findings from the Ground Investigation (GI) report, it has been confirmed that the site is underlain by soils with poor infiltration characteristics, confirming the soil infiltration rate testing failed. As a result, infiltration methods for the discharge of surface water runoff have been ruled out.
- Surface water runoff is to be discharged into the existing storm water public sewer at the approved restricted rate of 1.97l/s via existing manhole located on the site. The network will make use of a geocellular attenuation tank and permeable paving which have been designed to cater for the 1 in 100 year + 45% climate change + 10% urban creep in accordance with Wiltshire Drainage and Belterment Strategy June 2024
- Surface water runoff from car parking areas will be temporarily stored within a 400 mm deep sub-base and conveyed via the proposed double distribution tank into the attenuation tanks. The permeable paving will be lined with geotextile to provide interception drainage, ensuring that the first 5 mm of rainfall over the impermeable areas is retained on site and not discharged.
- A rainwater harvesting tank is provided to enable water reuse. The final size and location of the tank will be confirmed at the detailed design stage.
- The final SW and FW connection is to be agreed under S106 application with Wessex Water. The feasibility of the connections is to be confirmed prior commencement of works.

PRELIMINARY

P-	27.02.26	PRELIMINARY ISSUE	MR	CS	CS
REV	DATE	DESCRIPTION	BY	CHK	APP

Consulting Civil Engineers		
CLIENT	EJL CONSULTING	
ARCHITECT	STUDIO YUME	
JOB TITLE	CINCH, CHIPPENHAM SN14 0BJ	
DRAWING TITLE	PROPOSED DRAINAGE PLAN SHEET 2	
DRAWN	ENGINEER	CHECKED
MR	CS	CS
DATE	FEBRUARY 2026	
JOB No.	STATUS	DRAWING No.
C3993	P	102
SCALE @ A1	1:100	
REV.	P-	