C753 SUDS TREATMENT STAGES SIMPLE INDEX APPROACH

ROOF DRAINAGE (APARTMENTS RESIDENTIAL) POLLUTION HAZARD LEVEL - VERY LOW
ROOF DRAINAGE TO PASS THROUGH SILT TRAPS IMMEDIATELY DOWNSTREAM OF THE CONNECTION POINTS FOR THE APARTMENT AREAS

ROOF DRAINAGE (DWELLINGS - RESIDENTIAL) POLLUTION HAZARD LEVEL - VERY LOW
ROOF DRAINAGE TO PASS THROUGH SILT TRAPS IMMEDIATELY DOWNSTREAM OF THE DOWNPIPE CONNECTION POINTS BEFORE OUTFALL INTO THE PERMEABLE SUB BASE MATERIAL IN THE DRIVEWAYS.

CAR PARKING AREAS (RESIDENTIAL CAR PARKING) POLLUTION HAZARD LEVEL - LOW
BYPASS SEPERATORS ARE PROPOSED TO INTERCEPT THE CAR PARK SURFACE WATER RUN OFF BEFORE FLOW INTO THE MAIN DRAINAGE SYSTEM FOR THE DEVELOPMENT

CAR PARKING AREA TO THE NORTHERN SIDE OF THE DEVELOPMENT - POLLUTION HAZARD LEVEL MEDIUM
TRAPPED GULLIES TO COLLECT SILTS
BYPASS INTERCEPTOR PROVIDED TO INTERCEPT OILS BEFORE OUTFALL INTO THE MAIN SYSTEM

LOW TRAFFIC ROAD - POLLUTION HAZARD LEVEL - LOW
TRAPPED GULLIES TO COLLECT SILTS.

SURFACE WATER MANAGMENT DURING CONSTRUCTION

CONSTRUCTION MANAGEMENT PLAN TO BE PROVIDED BY THE CONTRACTOR ONCE THE PHASING OF CONSTRUCTION IS AGREED AS PART OF THEIR PROGRAMME OF WORKS TO INCLUDE TEMPORARY ATTENUATION ADDITIONAL TREATMENT , CONTROLS, MAINTENANCE AND PROTECTION TO MEET THE REQUIREMENTS OF THE PHASES OF CONSTRUCTION.

Surface water management on site should form part of the Construction stage Management Plan produced by the contractor. To control surface water run off at the construction stage, the drainage infrastructure should be constructed from the outfall and construction progress upstream into the development site.

The flow control should be installed as soon as possible to protect the downstream connecting network and a temporary open pond area in the location of the cellular storage could be undertaken to collect any temporary water run off as the development site progresses and impermeable areas are created by the construction

Temporary silt traps upstream of the flow control manhole and also temporary trash screens to be installed in the manholes immediately upstream of the existing drainage network to protect the downstream systems from construction materials accidentally entering the existing adopted drainage systems.

Notes

REV	DATE	BY	DETAILS	CHKD
P01	08.08.25	ATF	Detailed design of layout updated	JMcK

AMENDMENTS

Client: Tanglewood

Project: Proposed Care Home
Coventry Road Hinkley LE10 0JR

Title: Proposed Foul & Surface Water Drainage

Drawing No.			Revision
MA12204 - 200			-
Drawn: JMcK	Engineer: JMcK	Date: 27.03.25	Millward Project Code: MA12204
Checked: JMcK	Approved: JMcK	Scale @ A0: 1:200	Status: PLANNING

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Different through Design

A0