

LLFA Planning Consultation Response

Application Number: 20/00414/FUL

Development Type: 007 Small Scale Major Dwellings

Proposal: Demolition of car sales building and erection of three-storey block comprising 32 dwellings (Use Class C3) and 3 retail units (Use Class A1) with associated parking and formation of site accesses

Location: Sheffield Car Centre, Eden Park, Penistone Road, Grenoside, Sheffield, S35 8QH,

Applicant: Mr M Yafai - Whitemoor Design Build

Date of Consultation Reply

21/02/20

Drainage Officer:

Roger Nowell

Time for response

1/2 hour

Summary/recommendations on SuDS

General comment and key outstanding information at application stage

Sufficient information has been provided at full application

Discharge routes and rates

Discharge of surface water to the combined sewer is acceptable at the rates proposed providing Yorkshire Water are in agreement.

SuDS recommendations

Lined no fines aggregate under car parking surfaces can provide whole site attenuation with entry through permeable car park space surfacing to provide treatment.

Drainage infrastructure management

Surface water flood risk

No comment

Conditions

DR21

DR20 (insert7l/sec)



Please see below tracker tables giving an indication of required information with regard to design and management arrangements. This will be used by the LLFA to record received information whether submitted at full planning or as part of fulfilling conditions and is provided for guidance. Note if a SuDS design statement has not been submitted the elements of the site surface water infrastructure, indicated in the design tables below, will not be completed 'as provided' until a representation is made for the chosen drainage design.

Site and application number				
Management arrangements tracker				
As built drawings of site surface water infrastructure/features	Responsibility	Maintenance schedule/details attached	Resourcing method	Communication/agreement

Site and application number		
Fulfilling Design requirements tracker		Provided
Confirmation of hydraulic criteria		
Site area	Including identifying significant open space	
Impermeable area before		
Impermeable area proposed		
Discharge location	Provision of case for choice /choices	
	Confirmation from owner	
Discharge rate	Evidence of existing discharge rates for different return periods, rates as a result of the development including 1 in 100 plus 30% for climate change (20% for commercial) and proposed rate based on QBar, 5l/sec or variable flow for different return periods OR brownfield 30% rate based on 1 in 1 year return period providing evidence of continued use of existing discharge routes.	
Discharge volume	Evidence of existing discharge volumes for different return periods, volumes as a result of development including 1 in 100 plus climate 30% for change (20% for commercial) and proposed volumes of storage considering any losses through infiltration. Volume expressed as cubic metres per sq metre to facilitate SUDs design	
SuDS Design Statement	See guidance	
Elements of site surface water infrastructure (expand as needed)	Plan	Design detail cross/long sections
		Specification of materials
Evidence of performance		
1 in 30 No site flooding		
1 in 100 plus climate change safely contained onsite		
Modelling evidence		
Exceedance	Evidence that surface flows for higher return periods have been considered to avoid properties	

