

DO NOT PRINT... Appropriate parts of sheet 1 and all of sheet 2 to be completed, starting at top left of sheet1. Yellow cells to be completed by applicant or agent. Most cells have drop down boxes and guidance. Required data will vary, depending on previous answers. Amber cells warn of possible error, lack of required information, non compliance with policies or standards or where special considerations /information may be required. Red cells indicate missing information required for detailed applications. Purple Cells indicate missing information required for outline or detailed applications.

Form completed for Developer/applicant by (name)	CARE (Little Court) Ltd	Date	12/02/2021	Contact email or telephone	
Form checked for LPA by		Date		Ref No.	
Form checked for SCC Floods by		Date			

District council		Site Name	Little Court
Total Site area (ha)	1.18	Address	
Number of homes		Road	Haverhill Road
Commercial area (ha)		Town	Little Wrating
Commercial built area (ha)		County	Suffolk
Area of POS (ha)		When was the last pre-app discussion with SCC Floods team?	
Existing land status	Mixed green & brown	Is a complete FRA included in the application?	Yes
Highest Ground level (m AOD)	15.00	EA Flood Zone(s)	Fz1
Lowest ground level (m AOD)	13.00	Does adjacent existing highway drain into the site?	
		Is site at risk of SW flooding?	No

Carry on filling in form. SCC Floods team will be consulted

RUNOFF DESTINATION (where proposed SW drainage from site will discharge to)

	Sea or Estuary	Ground (Infiltration)	SW Body	Existing SWS, highway drain or another drainage system	Existing Combined Sewer
Is Site next to Estuary or coast?					
Will the site be drained directly to sea or estuary?		Fill in cells in this column below			
SOIL TYPE					
Have on site ground investigations been undertaken?		No			
Is a ground investigation report included in application?					
Recommendation from GI Report regarding soakaways - Are conditions suitable?					
Number of test pits that soakage tests were undertaken in.					
Number of test pits with completed test to BRE365					
Are field sheets, test results and calculations included in application?					
Min Infiltration rate from tests (mm/Hr)					
Max infiltration rate from tests (mm/Hr)					
Is infiltration type drainage proposed?		No			

Go to next column

Name / Location of SW Body	Boundary ditch
Reasons (if any) for not draining to a surface water body	
Will SW be discharged to a surface water body?	

Carry on down column

Type of existing SW piped drainage system	
Description / Location of SW drainage system	
Reason 1 for not draining to SWS, highway drain	
Reason 2 for not draining to SWS, highway drain	
Will SW be discharged to an existing piped SW drainage system?	

Carry on down column

Fill appropriate column (s) (usually one only) for proposed destination

Existing impermeable area	0.03
Proposed Impermeable area	0.72

Method for calculating allowable discharges, existing or Green field flows			
Peak discharge rate to destination			
100 Year return period allowable discharge to SW or combined sewer agreed by AW or SCC (l/sec)			
1 year return period	Existing (l/sec)	4.6	
	Proposed with CC & creep (l/sec)	3	
100 year return period	Existing (l/sec)		
	Proposed with CC & creep (l/sec)	3	
	Proposed per ha (l/sec/ha)	2.542372881	0
	Critical duration (minutes)		
	Proposed minimum throttle(s) aperture (mm)	38	
	Attenuation storage provided to limit peak flow (at critical duration)	640	

Volume control Required if proposed discharge > 2 l/sec/Ha in 100 Yr RP (see BS8582 5.2.2.4)

Volume of runoff in 6 Hr duration event (cubic metres)			
100 Year RP existing			
100 Year RP + CC +creep proposed			
Additional capacity provided in SUDs to control volume			
Water quality (WQ)			
Reasons (if any) for not following best practise for WQ:			
During construction period			
Permanent			

Proposed permanent WQ SUDS:

Volume of proposed treatment pond (Vt) expressed as mm of rain over the impermeable areas on the site.	
Depth of rain intercepted (refer to SUDS manual) expressed as mm of rain over the impermeable areas on the site	
Volume intercepted (cubic metres)	

Capacity of proposed attenuation & volume control SuDs (can be reduced by interception volume)

Area of site taken up by proposed SuDs

Are calculations and drawings included demonstrating there is sufficient and appropriate space for the proposed SUDS volume within the layout?	Yes
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Go to Sheet 2

Boxes below to be completed for all SW Systems

Proposed SW Drainage system

Extent of open SuDS	4. Underground pipes + soakaways + some surface storage + perhaps perm paving
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Go to management & maintenance

Does application include justification for not using open SUDS?	
Is pumping of SW proposed?	
Does application include justification for pumping?	

Management and maintenance arrangements	
Is a management plan included in the application?	Yes
Life time for plan and maintenance costs	
Discount rate normally 3.5%	

Proposed SW drainage maintenance bodies	Proposals for ensuring owners are aware of their SW drainage & maintenance requirements
OWNER (for drainage serving single property)	CARE (Little Court) Ltd
	Progress with setting up maintenance arrangements

Please indicate who will maintain what	Location of SuDS elements				
	Private gardens or commercial land	Roads, verges and /or footways	Parking areas	POS	Other eg Mews court
SuDS elements					
Vegetation, trees, shrubs etc	Owner				
Permeable paving.	Owner				
Rills	Owner				
Open SuDS - Erosion protection, De-silting, headwalls, dividing walls	Owner				
Open SuDS - Bollards or fencing	Owner				
Shallow pipes throttles/headwalls at driveway crossings over swales.					
Shallow pipes throttles / headwalls @ road crossings over swales					
Litter picking including clearing grates and grilles	Owner				
Gully Grates -repairs & replacement	Owner				
Gully pots, connection pipes	Owner				
Highway carrier drains					
Soakaways	Owner				
Oil or petrol interceptors	Owner				
Underground attenuation tanks	Owner				
Surface Water Sewer					
Other - please state					
Other - please state					

Availability of 3.5m wide access for SuDS maintenance -	
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Design flood return period for:	
Buildings	100
Gardens (unless designated to store water)	100
Roads	100

Design for blockage and /or Exceedance	
Are exceedance routes/ storage areas for 100 year RP event shown on submitted layout plan(s) including proposed floor and ground levels, buildings and roads.	

SuDS details that are most likely to affect layout and maintenance	
Maximum depth of open SuDS (mm)	
Maximum depth of water in open SuDS in 100 Year RP (mm)	
Steepest side slope of open SuDS (1 vertical in x horizontal)	
Steepest longitudinal gradient of any swales.	
Are any buildings < 5m of open SUDS or undergr'd soakaways?	
if yes describe location(s)	
Special protective measures	
means of access/repair SUDS	

Health and Safety - public and maintenance operatives	
Are Designers CDM Health and Safety Plan included?	

Structural Integrity	
Have Structural design and specification details been provided for:	
Pipes -BS EN, Class, strength calcs including bed and surround.	
Tanks - including geocells / fabric surround	
Manholes BS EN, size, type etc (SFA 7th edition)	
Headwalls, dividing walls, bunds & slope stability.	

Other Information normally required (not exhaustive)	
Are design calculations provided, cross-referenced to drawing(s)-also provided) showing catchments and layout of SuDS, roads, footways and buildings?	
Are landscaping /planting details shown on drawing(s) provided showing SuDS, and development layout?	
Are details of SuDS including inlets, outlets, dividing walls, erosion control measures shown on provided plans.	
Are extents of adoption by each body shown on drawings provided?	
Is a completed copy of SCC's Asset register sheet provided?	