

ADOPTABLE DRAINAGE LEGEND

- 150mm 1/100 Surface water drain to be adopted by WW under S104 agreement
- Foul water drain to be adopted by WW under S104 agreement
- Surface water inspection chamber to be adopted by WW under S104 agreement
- Surface water catchpit manhole to be adopted by WW under S104 agreement
- Foul water manhole to be adopted by WW under S104 agreement
- Surface water catchpit manhole with flow restriction device to be adopted by WW under S104 agreement
- Surface water manhole to be adopted by WW under S104 agreement

DRAINAGE LEGEND

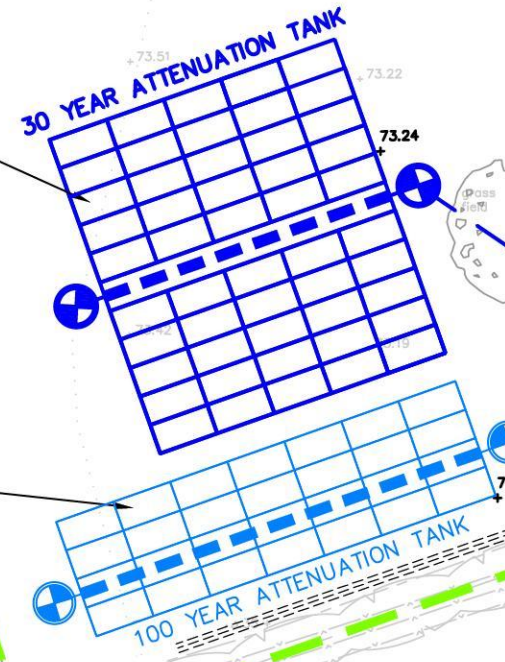
- Channel drain and trapped outfall unit
- Surface water rodding eye
- 150mm 1/100 Surface water drain
- Foul water drain
- Surface water sewer
- Surface water inspection chamber
- Foul water inspection chamber
- Surface water manhole
- Surface water catchpit manhole
- Surface water catchpit manhole with flow restriction device
- Surface Water Silt Trap
- Land drain
- Site Boundary
- Cut off ditch

LEVELS LEGEND

- [FFL 77.79] Proposed finished floor level
- 77.51 + Proposed level
- 76.51 Existing level
- 1 in 24.5 Proposed gradient
- 1/3 Proposed bank and gradient
- Denotes extent of retaining wall with max. retaining height shown.
- 450 GB Denotes extent of Gravel Board with max. level difference shown.

PROPOSED ADOPTABLE 10M X 11M X 0.6M DEEP GEOCELLULAR STORAGE CRATE TANK BY SDS LIMITED TO BE LINED WITH IMPERMEABLE MEMBRANE AND STORE AND ATTENUATE EXCESS RUNOFF FOR ALL STORM EVENTS UP TO 1 IN 30 +40% CLIMATE CHANGE.  
MIN COVER LEVEL = 73.11m  
MAX COVER LEVEL = 73.76m  
TOP OF TANK = 71.76m  
BASE OF TANK = 71.16m  
STORAGE VOLUME = 66.0m³

PROPOSED PRIVATE 14M X 4M X 0.6M DEEP GEOCELLULAR STORAGE CRATE TANK BY SDS LIMITED TO BE LINED WITH IMPERMEABLE MEMBRANE AND STORE AND ATTENUATE EXCESS RUNOFF FOR ALL STORM EVENTS FROM 1 IN 30 +40% to 1 IN 100 +40% CLIMATE CHANGE.  
MIN COVER LEVEL = 73.11m  
MAX COVER LEVEL = 73.56m  
TOP OF TANK = 72.36m  
BASE OF TANK = 71.76m  
STORAGE VOLUME = 33.6m³



PROPOSED FLOW CONTROL CHAMBER TO LIMIT FLOWS TO A MAXIMUM ALLOWABLE DISCHARGE RATE OF 5.0 l/s

FOR ROUTE OF PROPOSED OFFSITE DRAINAGE WITHIN ROSS ROAD SEE DRAWING 14452-SK05

F	UPDATED TO SHOW ADOPTABLE DRAINAGE AND ATTENUATION TANKS SIZED TO SUIT STORM EVENTS	APH	26.09.19
E	TOP WATER LEVEL LINE ADDED TO POND	CJ	24.06.19
D	UPDATED TO SUIT THE LATEST LAYOUT	MK	21.06.19
C	ATTENUATION TANK SIZE UPDATED TO REFLECT REVISED DISCHARGE RATE OF 5.0 L/S AS AGREED WITH DRAINAGE OFFICER	AU	15.05.18
B	EXCEEDANCE ROUTE UPDATED FOLLOWING HEREFORDSHIRE COUNTY COUNCIL COMMENTS	JS	25.04.17
A	UPDATED TO SUIT REVISED ARCHITECT'S LAYOUT	JS	30.03.17
-	ISSUED FOR PLANNING	JS	17.11.16
MK	REVISION	BY	DATE

DRAWING STATUS
PRELIMINARY

DRAWING TITLE
LEVELS & DRAINAGE STRATEGY

PROJECT	Project Number 14452
---------	----------------------

BRAMPTON ABBOTTS ROSS-ON-WYE
------------------------------

8 Friday Street  
Henley-on-Thames  
Oxfordshire RG9 1AH  
T.01491 576221

London, Henley-on-Thames and Gloucester

Drawn JS	Chkd GC	Scales 1:250	Date NOV'16
Purpose of Issue			
FOR PLANNING			
Drawing Number 14452:SK01			Revision F