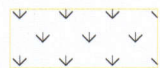
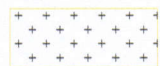


KEY:



GRASSED AREA
AREA TO BE COMPLETED WITH WFG2
FLOWERING MEADOW SEED



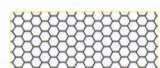
POND EMBANKMENTS
AREA TO BE COMPLETED WITH WFG9 WETLAND
AND POND AREA SEED



MARGINAL AREAS
AREA TO BE COMPLETED WITH PLANTING SUITABLE
FOR WATER DEPTHS GREATER THAN 150mm



REED BED
SPECIES TO BE CONFIRMED BY SPECIALIST DESIGNER
AND APPROVED BY ANGLIAN WATER



LOW FLOW SWALE



RIP RAP BUND

THE DESIGN PHILOSOPHY OF THE BALANCING POND IS TO ALLOW THE
SURFACE WATER RUN OFF TO GO THROUGH THE PHASES OF TREATMENT
OUTLINED IN THE SUDS MANUAL.

1. SOURCE CONTROL - PROVIDED THROUGH THE USE OF PERMEABLE PAVING
2. SETTLEMENT - PROVIDED IN THE SETTLEMENT AREAS WITHIN THE POND CREATED
THROUGH THE USE OF RIP RAP BUNDING AND LOW FLOW SWALES.
3. BIOREMEDIATION - AFTER THE FLOW HAS PASSED THROUGH EACH OF THE FEATURES
IT WILL ENTER THE REED BED AT THE BASE OF THE POND WHERE
ANY CONTAMINANTS/POLLUTANTS WILL BE REMOVED BEFORE
DISCHARGING INTO THE ADOPTABLE SEWER NETWORK.

THIS PHILOSOPHY WILL REDUCE THE QUANTITY OF THE RUNOFF BY PROVIDING OPPORTUNITY
FOR EVAPORATION, INCREASE QUALITY THROUGH TREATMENT AND REMOVAL OF CONTAMINANTS
WHILST INCREASING THE AMENITY AND BIODIVERSITY OF THE SURROUNDING AREA.

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

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information shown

CDM - RESIDUAL RISKS

The following are considered to be significant risks
relevant to this drawing, which could not be fully
mitigated or removed through design. Further possible
control measures have been identified within the
Design Risk Assessments which may help to mitigate
these and other identified risks further during the
construction / maintenance process;

RECEIVED

14 JUL 2021

SUPPLY SERVICES

B	Reed Bed revised, Philosophy Added	05.11.16	BJT	JGW
A	First Issue	08.10.16	BJT	JGW
Revisions		Date	Drawn	Chkd

Client

Carter & Ward Ltd

Architects
Consulting Engineers
Project Managers
Surveyors

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Project

Hockley Road
Rayleigh, Essex

Phase 2

Drawing Title
Planting Plan

Status
APPROVAL

Scale - unless otherwise stated
1:200 at A3

Drawing Number
10159 /C/524 B