


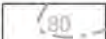
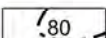
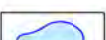

Surface Water Management

The surface water management drainage provides for a failsafe setup for the retention of water within the Site / return to the local aquifer.

In the Eastern Area of the Site, surface water will be directed from the east, north and south at land gradients of between ~ 1:10 to 1:20, towards a potentially 1:20 ephemeral wet pond which is in continuity with in-situ material left along the access track into and through Lea Castle, and in-situ material below the pond.

In the Western Area of the Site, surface water will be directed from the eastern boundary both northwards, into the Acid Grassland area, and southwards within agricultural land, to ephemeral wet ponds which are both in continuity with in-situ material left along the western boundary of the Site, and in-situ material below the pond. Again, with average gradients of between 1:10 and 1:20.

LEGEND

-  Application Boundary
-  Existing Contours Meters above Ordnance Datum
-  Proposed Contours Meters above Ordnance Datum
-  Proposed Ephemeral Surface Water Management Ponds
-  Proposed Drainage Ditch



PROJECT:
Lea Castle Farm

TITLE:
Surface Water Management

REF NO:
KD.LCF.032

DATE: September 2020 SCALE: 1:5,000 @ A3

STATUS:
FINAL

