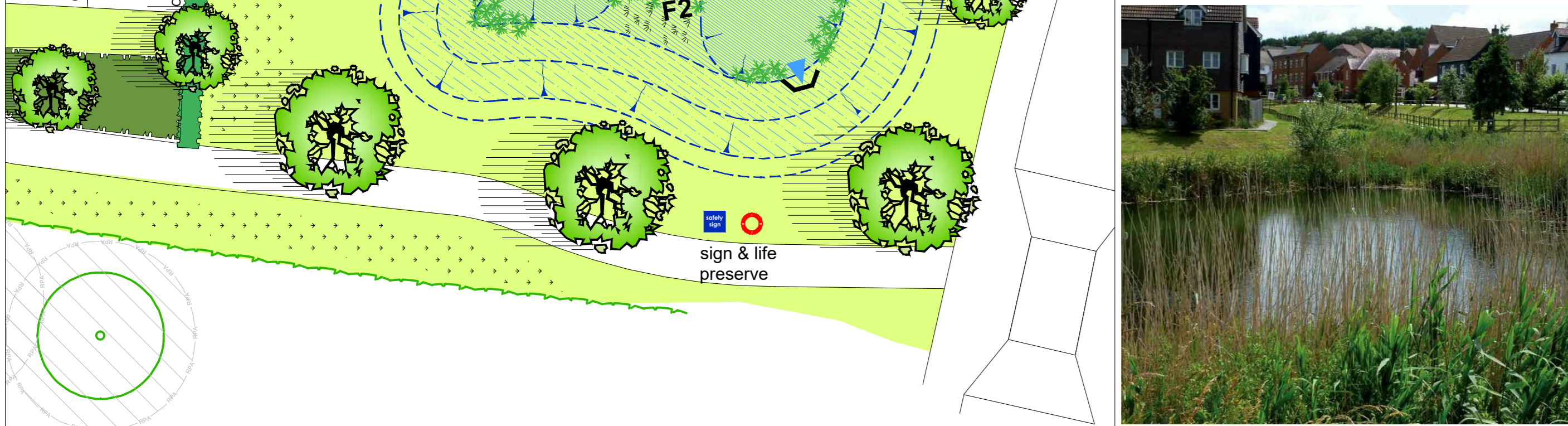




**POND C:
"ECOLOGY POND 1"**

Concept proposals for a typical natural balancing pond with two permanently wet areas and wider flood zones. Pond edges to be planted with marginal plants; embankments seeded with wetland seed mixes. Safety signage and life preserve should also be provided in this area.



**POND A:
"SWALE & WETLAND MEADOW"**

Concept proposals for a natural meandering stream and wetland. Can be designed as a predominantly dry feature which can flood gradually. Safety signage and life preserve should also be provided in this area.



**POND B:
"WETLAND PLAY PARK"**

Concept proposals for a wetland play area incorporating natural features such as boulders, logs, stepping logs, etc. Additional features such as water play sculptures and water pump can be included to enhance water play options. Design as a predominantly dry feature which can flood gradually allowing users to exit in good time. Safety signage, life preserve, seating and litter bins should also be provided in this area.



**POND D:
"DIPPING POND"**

Concept proposals for a typical natural balancing pond with a permanently wet area and wider flood zones. Pond edges to be planted with marginal plants; embankments seeded with wetland seed mixes. Antislip platforms included at pond edges for pond dipping, etc. Safety signage, life preserve and litter bin should also be provided in this area.



**POND E:
"ECOLOGY POND 2
(with boardwalk)"**

Concept proposals for a typical natural balancing pond with two permanently wet areas and wider flood zones. Pond edges to be planted with marginal plants; embankments seeded with wetland seed mixes. Antislip boardwalk included, connecting the both sides of the space and allowing interaction with the wetlands natural features. Safety signage and life preserve should also be provided in this area.



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rev	date	amendments	alt
A	12.04.2017	In accord. with latest layout.	DR
B	26.06.2017	In accord. with Planning & Healthy Spaces Officer comments	DR
C	30.06.2017	In accord. with latest layout.	DR

NOTES:
• Designs shown are concept sketches only and subject to Drainage Engineer design to confirm pond levels and flow rates. Therefore sizes and shapes of features may need to be altered accordingly.

• Subject to a free survey to BS5837: 2012.

• Sustainable Urban Drainage (SUDS) to be designed in accordance with 'The SuDS Manual' by Cifra, 2015.

• All pond areas to have suitable safety signage and life preserves as necessary and agreed with the local authority. Exact positions to be confirmed.

• Antislip boardwalks and decking to be used near water and in shaded areas. Timber to be class 4 treated. Plastic pond dipping platform and other available options to be designed.

• Bath in and outflow headwalls to have appropriate valves and trash screens.

• All tree, shrub, grassland and aquatic planting will be subject to a detailed planting scheme. However all species will be of local provenance. Grass and wildflower species will be by Germinall Seeds or Emorsgate Seeds.

• Long term Management & Maintenance subject to agreement between developer and local authority.

FLOOD ZONES:
• All areas have been designed to a variety of depths to allow staged areas to flood gradually.
Example depths (TBC)
- F1 1m+ depth (permanently wet)
- F2 0.5-1m depth
- F3 0.4-0.8m depth
- F4 0.4-0.6m depth
- F5 0.2-0.4m depth

(subject to detailed drainage Engineer design)

1:200 @ A0