Outfall ditch
1m wide base
1 in 1 side slopes

Emergency Spillway
2.0m wide base
1 in 10 side slopes
Set at 38.60m AoD at basin edge
gentle away from basin at 1 in 200

I-S17
CL39.15
IL37.466
Flow Control Chamber
Vortex control to be designed for
15.4l/s @ 0.5m head with a
120mm ø Orifice set 0.8m above invert

Pond E

Emergency Spillway
2.0m wide base
1 in 10 side slopes
Set at 42.30m AoD at basin edge
Grade away from basin at 1 in 200

I-S7
CL42.913
IL40.968
Flow Control Chamber
Device to be designed for
16.9l/s @ 1.2m head

Pond B

FUTURE RESIDENTIAL

LEAP
Refer to specific landscape drawings for details

10m LANDSCAPE BUFFER

Pocket Park
I-HB11m??
CL43.851
IL43.124

Key

- Redline boundary
- Foul Sewer Subject to a Separate Application
- Surface Water Sewer Subject to a Separate Application
- Proposed Foul Sewer
- Proposed Foul Rising Main
- Proposed Surface Water Sewer
- Proposed Foul Spur
- Proposed Surface Water Spur

Pond

- Bank Slope 1 in 3
- Aquatic Bench (0-0.2m deep)
- Vegetated base
- Permanent Water (max 1.0m deep, 1:3 slopes)

GENERAL NOTES

1. Do not scale
2. The contractor is to check and verify all buildings and site dimensions and levels, including sewer inverts, before any work is put in hand. The contractor is to comply in all respects with the current building regulations, British standards, building regulations etc.
3. Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed excavations are to be checked by the contractor prior to starting work.
4. This drawing is to be read in conjunction with and checked against all other drawings, engineering details, specification and any structural, geotechnical or other specialist document provided.
5. Any anomaly or contradiction between any of the above is to be reported to Persimmons engineer.
6. Manhole cover requirements for clarity only, positions of pipe runs and manholes may vary on site due to site conditions.
7. The composition of unbound materials shall be in accordance with MCHW Volume 1 Clause 802, table 8/5
8. The composition of bituminous material shall be in accordance with MCHW Volume 1 Clause 903 and table 9/5

ROAD AND SEWER ADOPTION NOTES

1. All works for adoption under a section 38 agreement shall be carried out in accordance with Wiltshire County Councils requirements and to the approval of the area highway authority.
2. All works for adoption under a section 104 agreement shall be carried out to the Water UK document "Sewage Sector Guidance Appendix C" and the Water Authorities requirements.
3. Streetlighting positions to be pegged on site and agreed by the local authority prior to erection. Commencing.
4. Penultimate downstream adoptable manholes to have temporary debris screens.

F 01.05.26 Manholes I-F13 & 14 moved, manhole I-F15 deleted
E 01.05.26 Manholes I-F13 & 14 moved
D 17.04.26 Manholes 14 & 15 moved
C 05.03.26 Emergency spillway added, pond freeboard shown
B 13.02.26 Area of grassed base added to pond B
A 23.07.25 Manholes renumbered
Revisions

Project: Ashton Park
Infrastructure Drainage

Client: Persimmon Homes — Together, we make your home; Barratt Redrow

Drawing: Detailed Engineering Sheet 2

Scale: 1:500 @ A0 | Date: April 2025 | Drawn by: acm

Drawing No: 566-ID-P-150-02 | Rev: F

PHOENIX DESIGN Partnership Ltd.
Unit 9, Wessway Garage, Marksbury, Bath, BA2 9HN tel. 01761 479900
Suite 7, Unit Three, Melin Corneg Business Parc, Upper Boat, Pontypridd, CF37 5BE, tel. 029 2049 0771
email. enquiries@phoenixdp.co.uk www.phoenixdp.co.uk

This drawing is the copyright of Phoenix Design Partnership Ltd. No liability will be accepted for amendments by others to either the printed or digital format.

Drg.Status: PLANNING

0 10 20 30 40 50
SCALE 1:500 METRES