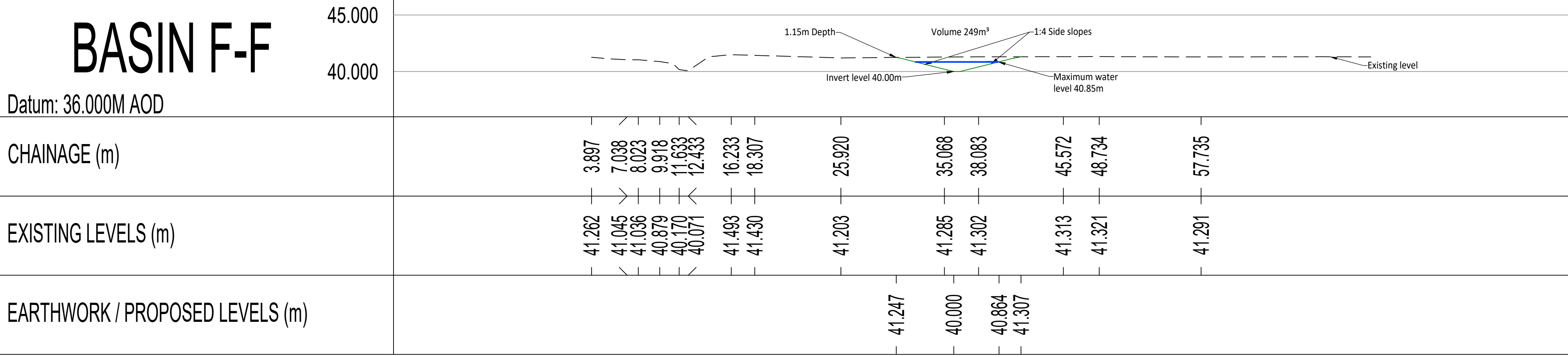
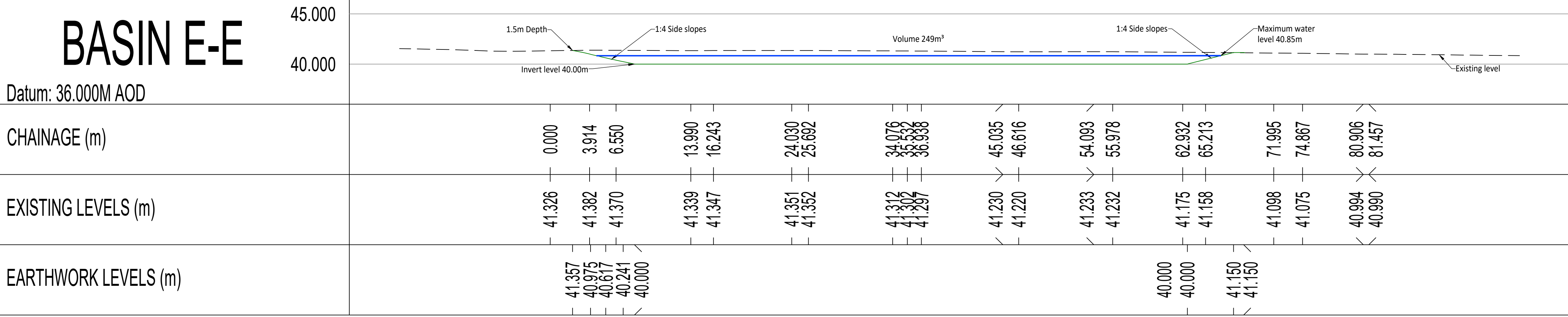
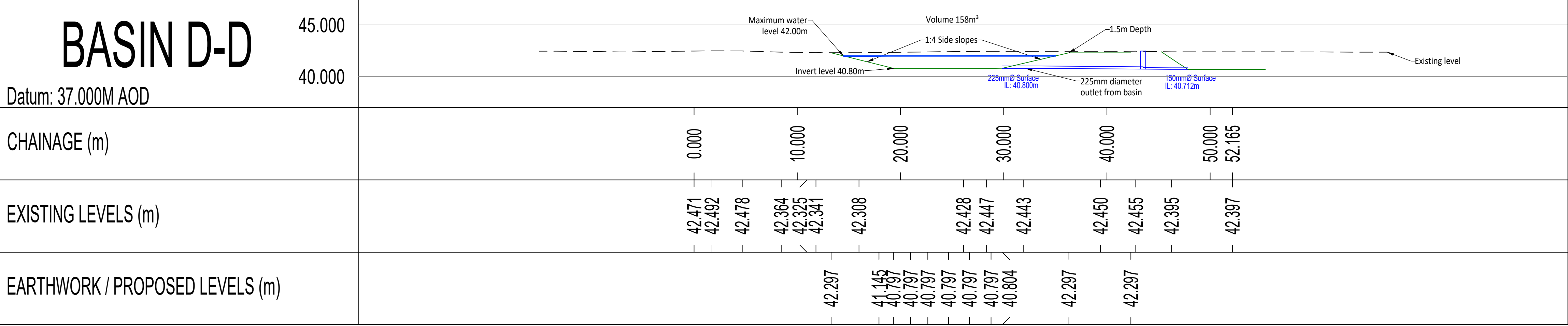
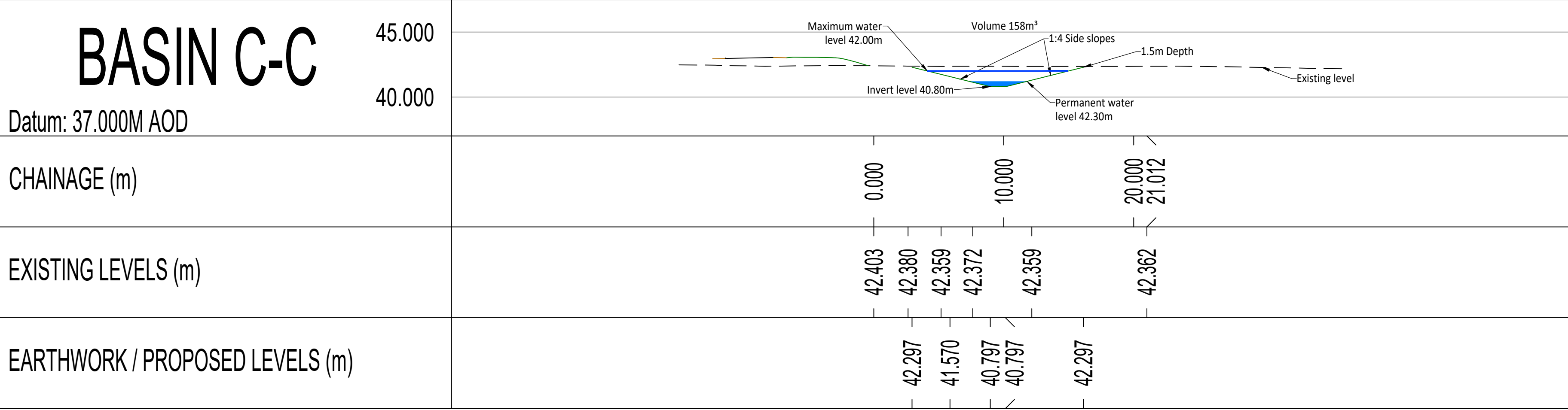
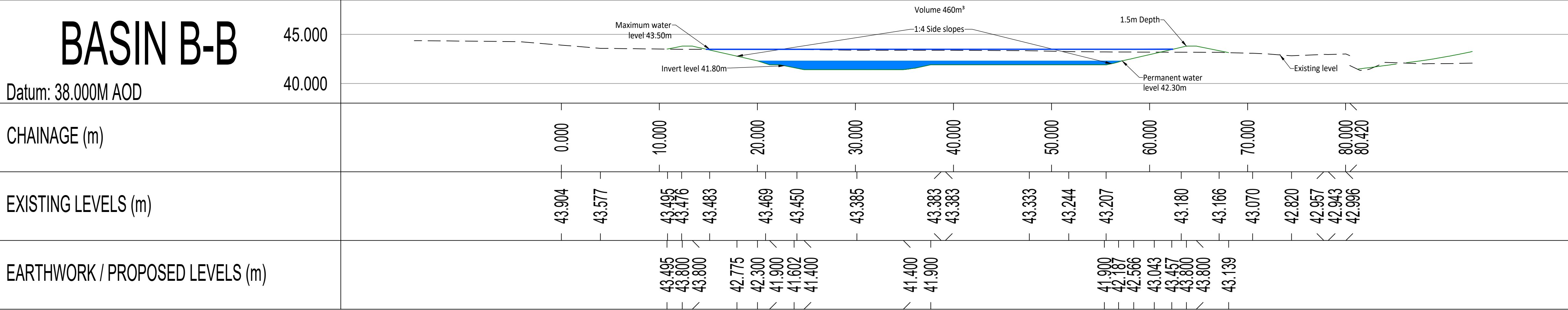
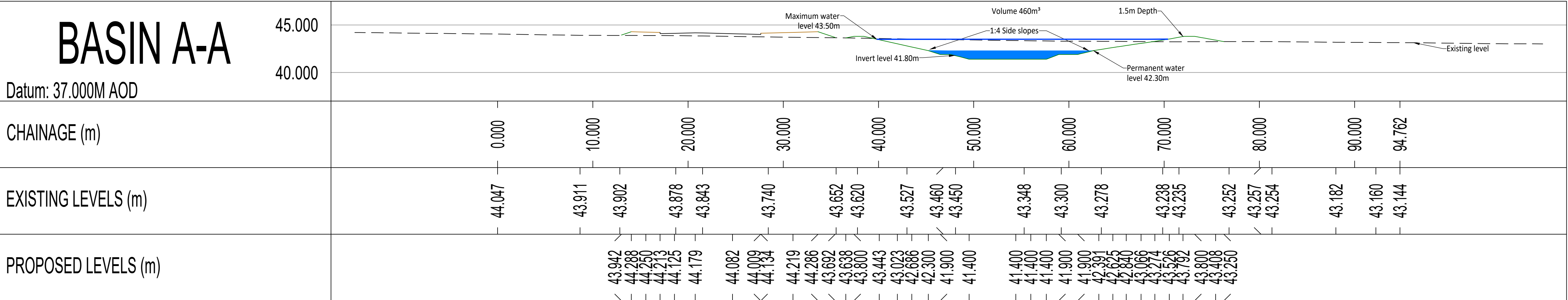
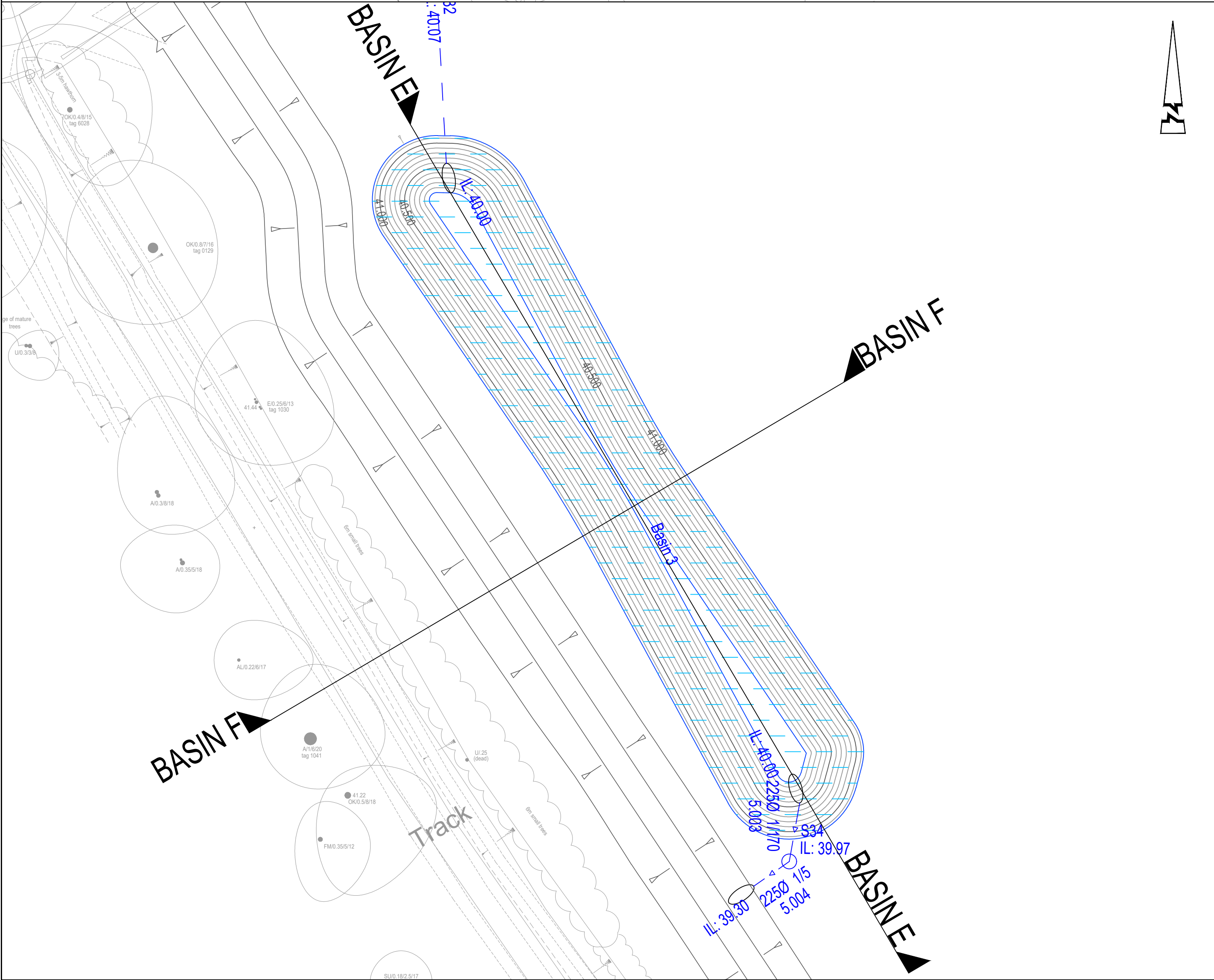
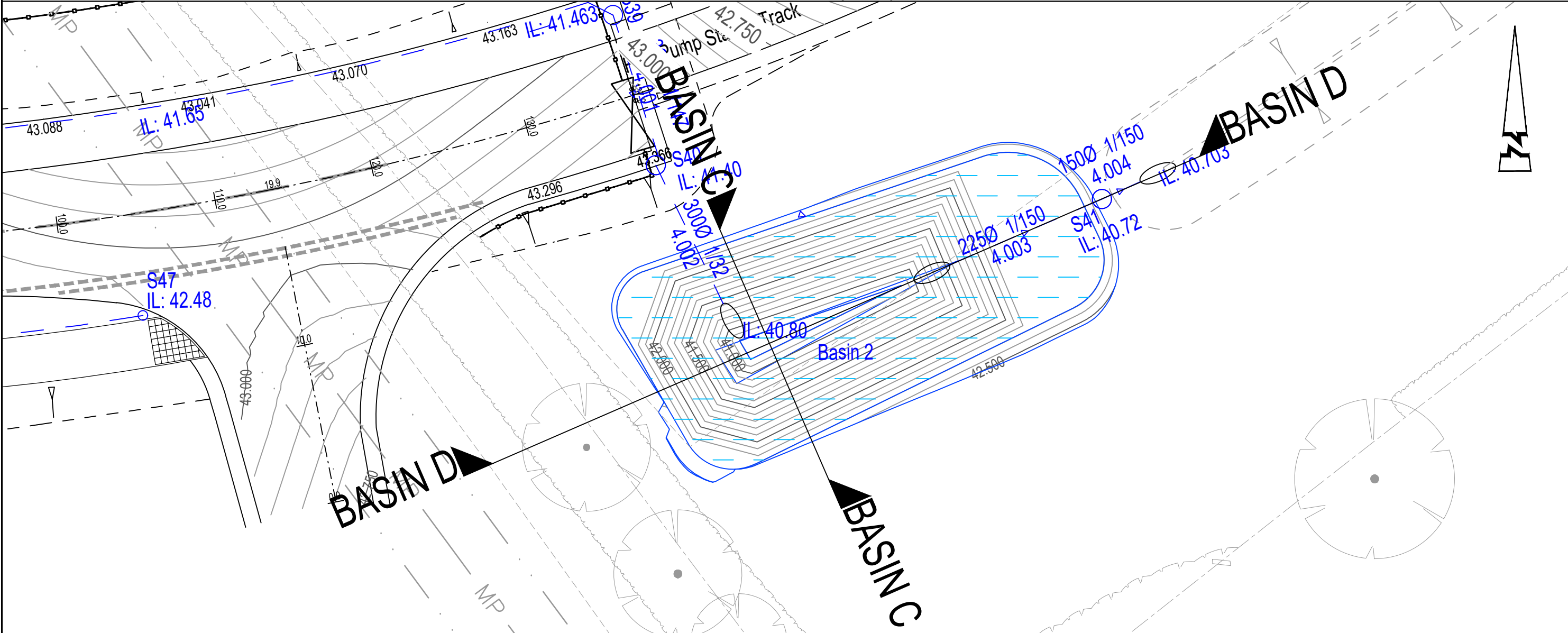
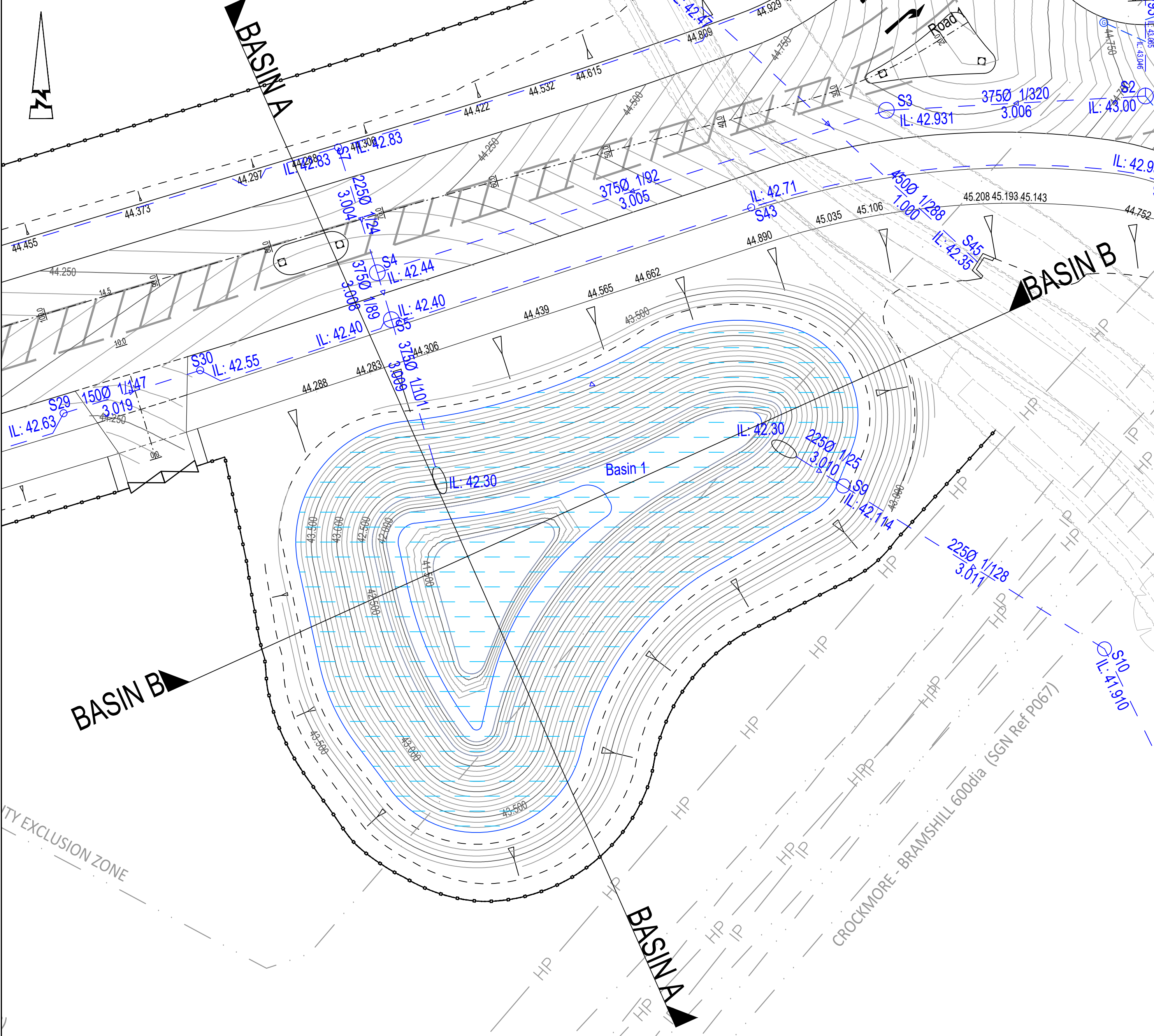
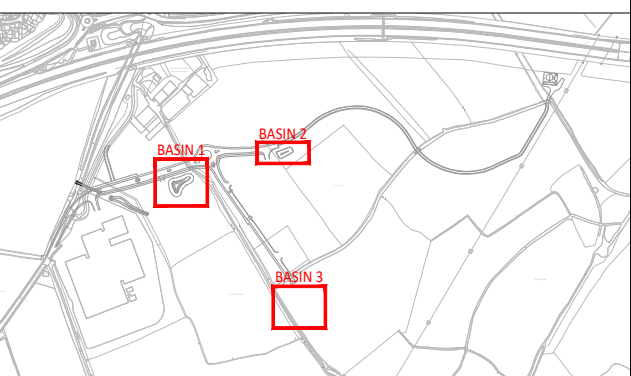




© ABLEY LETCHFORD PARTNERSHIP LTD.
This drawing should not be reproduced without consent.



1. Do not scale.
2. 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.
3. Site layout shown for context only, refer to other project drawings for details.
4. All drainage shall be installed and tested strictly in accordance with the manufacturer's printed instructions, to BS EN 124, and be stamped with the kitemark, covers to suit loading as below: car/driveways and verges - C250 Footways and pedestrian areas - h125 gardens/landscaping - h15
5. All public sewers are to be the subject of a section 104 agreement of the water industry at 1991.
6. Invert levels of existing manholes and sewers are to be checked on site before construction commences and results reported to engineers.
7. The contractor is responsible for maintaining continuity of flow for all existing sewers within the site boundary and limit of works for the duration of the project.
8. All drainage - sewers to comply with BS EN 124, and be stamped with the kitemark, covers to suit loading as below: car/driveways and verges - C250 Footways and pedestrian areas - h125 gardens/landscaping - h15
9. All sewer pipes, up to, and including 225mm are to be verified clay to BS EN252. All sewer pipes 300mm diameter and above to be concrete pipes to BS EN315. Where agreed with adopting authority pipes up to and including 600mm diameter can be PVC-U to BS EN404.
10. All drainage shall be installed and tested strictly in accordance with the manufacturer's printed instructions, to BS EN 124, and be stamped with the kitemark, covers to suit loading as below: car/driveways and verges - C250 Footways and pedestrian areas - h125 gardens/landscaping - h15
11. All bedding shall be class 3 unless noted otherwise.
12. All trenches under existing and proposed public highways are to be bedded with thoroughly compacted type 1 granular sub-base material.
13. Drainage laid between roads and areas of vehicular access (or parking etc) with less than 1200mm of cover shall be encased in concrete bed and surround with associated movement joints. drainage laid beneath paths, footways and pedestrian areas with less than 900mm of cover shall be similarly treated.
14. Chambers with outgoing pipes greater than 600mm diameter shall be fitted with guard bars, safety chairs or other approved safety devices.
15. The use of precast concrete products made with sulphate resisting cement is mandatory, unless a laboratory report proves such precautions are not necessary.
16. All sewers to be abandoned must be surveyed to identify any lateral connections that are still live with any found to be reported to the engineer.
17. All foul and storm water drains which are not to be adopted as public sewers shall be in accordance with document h of the building regulations, together with mtc standards chapter 5.3 and BS802.
18. Where pipes pass through footings, retaining or screen walls, trials to be provided over drains.
19. Where inverts are less than 6.0m deep inspection chambers (min dia. 300mm) or access fittings (225 x 300mm) to be used, elsewhere proprietary plastic, brick or pcc to be used and sized in accordance with table 1.1 of document h of the building regulations (<0.6m to invert min dia300, >0.6m to invert min dia75).
20. Where required 1m deep root barrier of an approved type to be installed vertically along the back edge/leak of all areas of footway/ demarcation to protect from both proposed and future plantation.
21. Construction details subject to refinement through detailed design/technical approval process.
22. Geocellular storage tanks to have 2 manholes either side, as per manufacturer specifications.

ALL PIPE BEDDING TO BE CLASS
'S' GRANULAR SURROUND
UNLESS NOTED OTHERWISE ON
THE DRAWING

- KEY:
- EXISTING GROUND PROFILE
 - PROPOSED CENTERLINE PROFILE
 - PROPOSED SURFACE WATER
 - PROPOSED FOUJL SEWER
 - CONCRETE PROTECTION

Scale 1:250

PL 04/24 FIRST ISSUE

ABLEY LETCHFORD PARTNERSHIP
Consulting Engineers

3 Tealgate, Charnham Park
Hungerford, Berkshire RG17 0YT
www.alpce.co.uk Tel: 01488 684390

Client

UNIVERSITY OF READING

Project

THAMES VALLEY SCIENCE PARK
PRIMARY INFRASTRUCTURE

Site

NHM ACCESS ROAD
BASIN SECTIONS

Status

Scale
1:250 @ A0

Drawn
APRIL 2024

Checked
LC SM

Overseen
HDO65-151

Page
P1