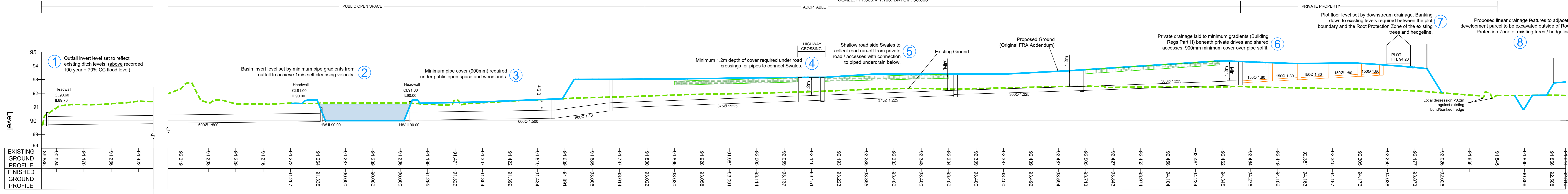


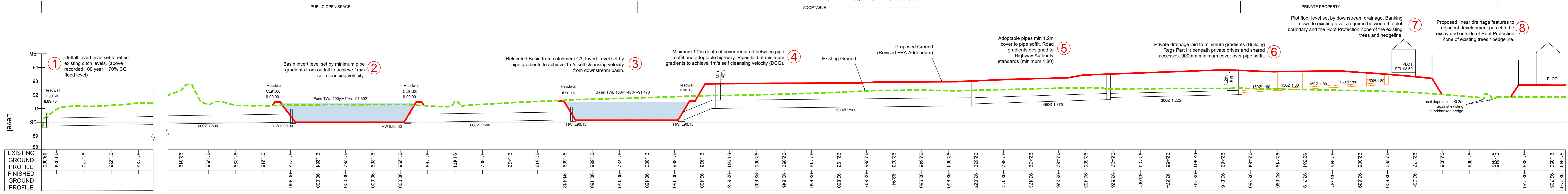
DRAINAGE LONGSECTION (ORIGINAL FRA ADDENDUM)

SCALE: H 1:500, V 1:100. DATUM: 90.000



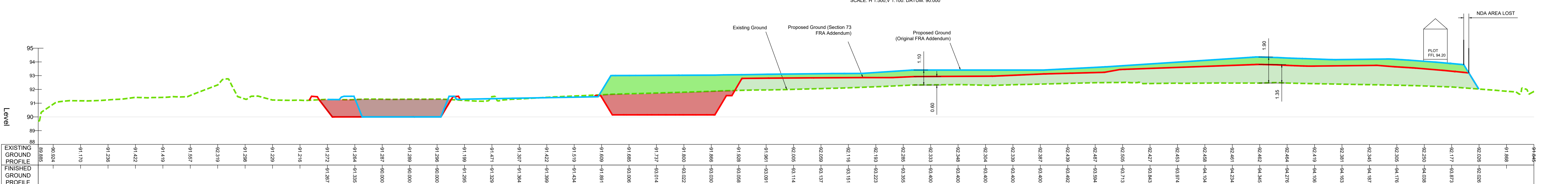
DRAINAGE LONGSECTION (SECTION 73 FRA ADDENDUM)

SCALE: H 1:500, V 1:100. DATUM: 90.000



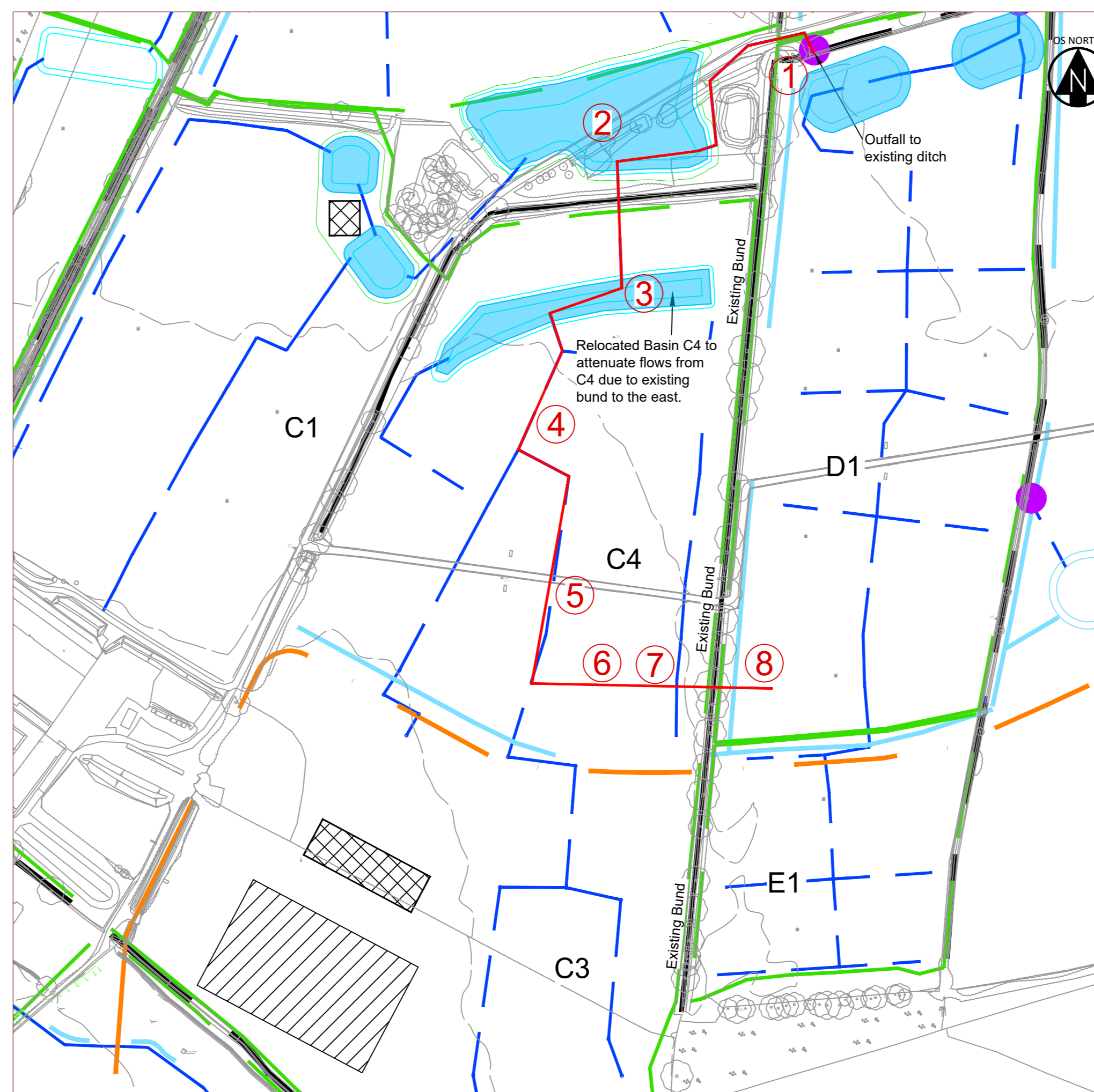
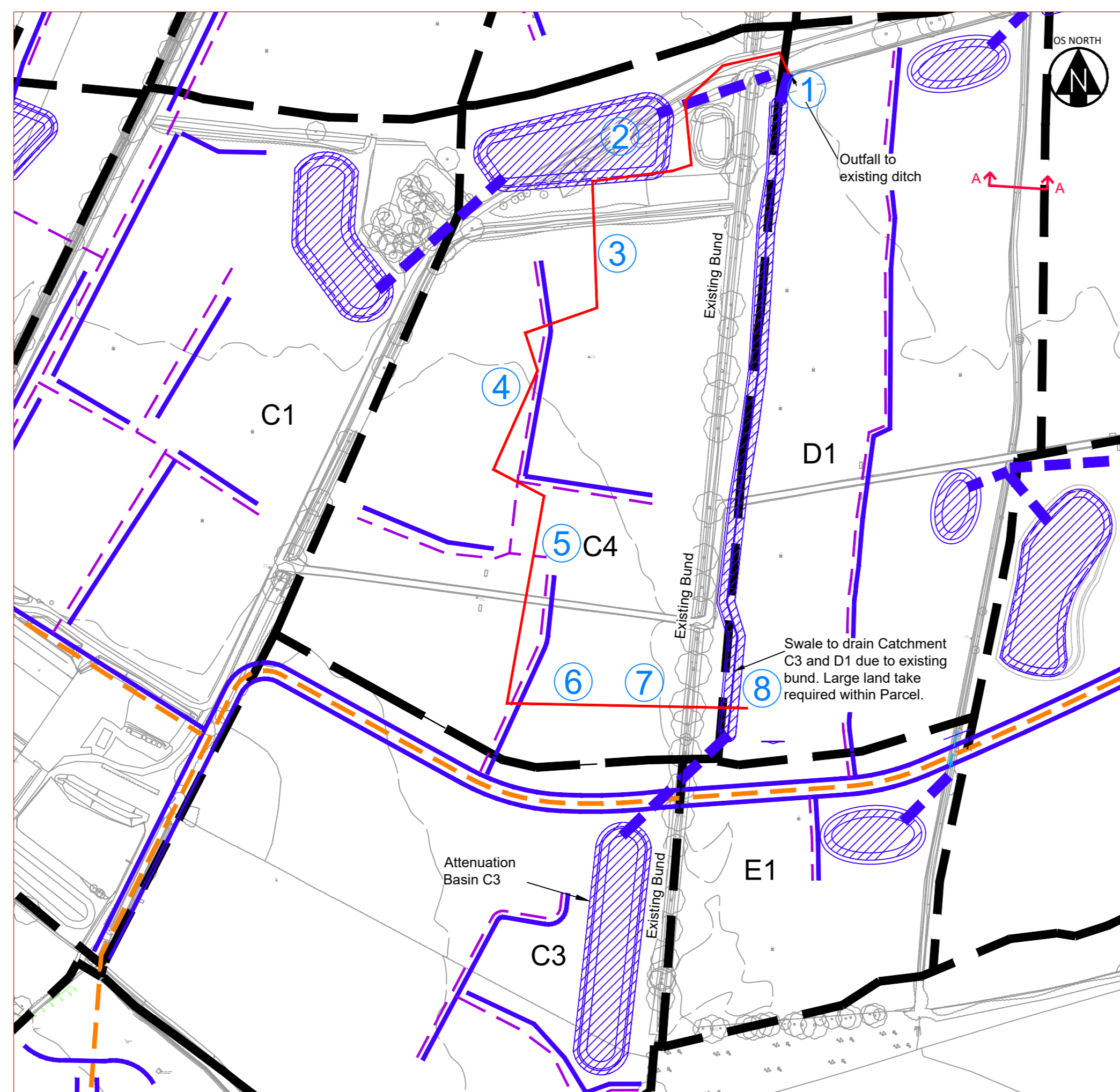
EARTHWORKS LONGSECTION: COMPARING GROUND PROFILES

SCALE: H 1:500, V 1:100. DATUM: 90.000



Legend

- Proposed Ground (Original FRA Addendum)
- Proposed Ground (Section 73 FRA Addendum)
- Existing Ground
- Flood Level (1 in 100 Year + 70%CC)
- Fill required to achieve Original FRA Addendum drainage scheme
- Fill required to achieve Section 73 FRA Addendum drainage scheme
- Cut required to achieve Original FRA Addendum drainage scheme
- Cut required to achieve Section 73 FRA Addendum drainage scheme
- Adoptable manhole/pipes
- Private manhole/pipes
- Attenuation / water conveyance feature
- 100 + 40% water level in network



Design Parameters Considered

- Minimum Pipe gradients have been used to achieve a min velocity in the pipe of 1m/s (DCG).
- Drainage network has been designed in accordance with 'Design and Construction Guidance for foul and surface water sewers offered for adoption' version 2.0 (DCG).
- Building Regs Part H - Drainage and waste disposal.
- The Suds Manual CIRIA C753
- Adoptable Highway Drainage
- 1.2m minimum cover over drainage beneath Highways, 0.9m cover beneath private driveways and 0.6m cover in private gardens.

Notes

- For information only
- Do not use this drawing for construction purposes.
- Levels subject to change at detailed design
- Do not scale from this drawing.

Rev	Date	Description	By	Chk	App
P03	06/10/2023	Sections orientation reversed	JG	JRC	JRC
P02	03/10/2023	General Amendments	JG	JRC	JRC
P01	26/09/2023	First Issue	JG	JRC	JRC

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CLIENT
SOVEREIGN SWINDON LLP

PROJECT
LOTMEAD FARM

TITLE
**LOTMEAD DEVELOPMENT PHASE 2 & 3-
SITE SECTIONS SHOWING GROUND RAISING
REQUIRED TO ACHIEVE SURFACE WATER
DRAINAGE SOLUTIONS**

HYDROCK PROJECT NO. C-22006-C	SCALE @ A0 AS SHOWN	STATUS S2
STATUS DESCRIPTION INFORMATION	DRAWING NO. / PROJECT CODE ORIGINATOR / ZONE LEVEL / TYPE / ROLE / NUMBER 22006-HYD-PO-XX-DR-C-2722	REVISION P03