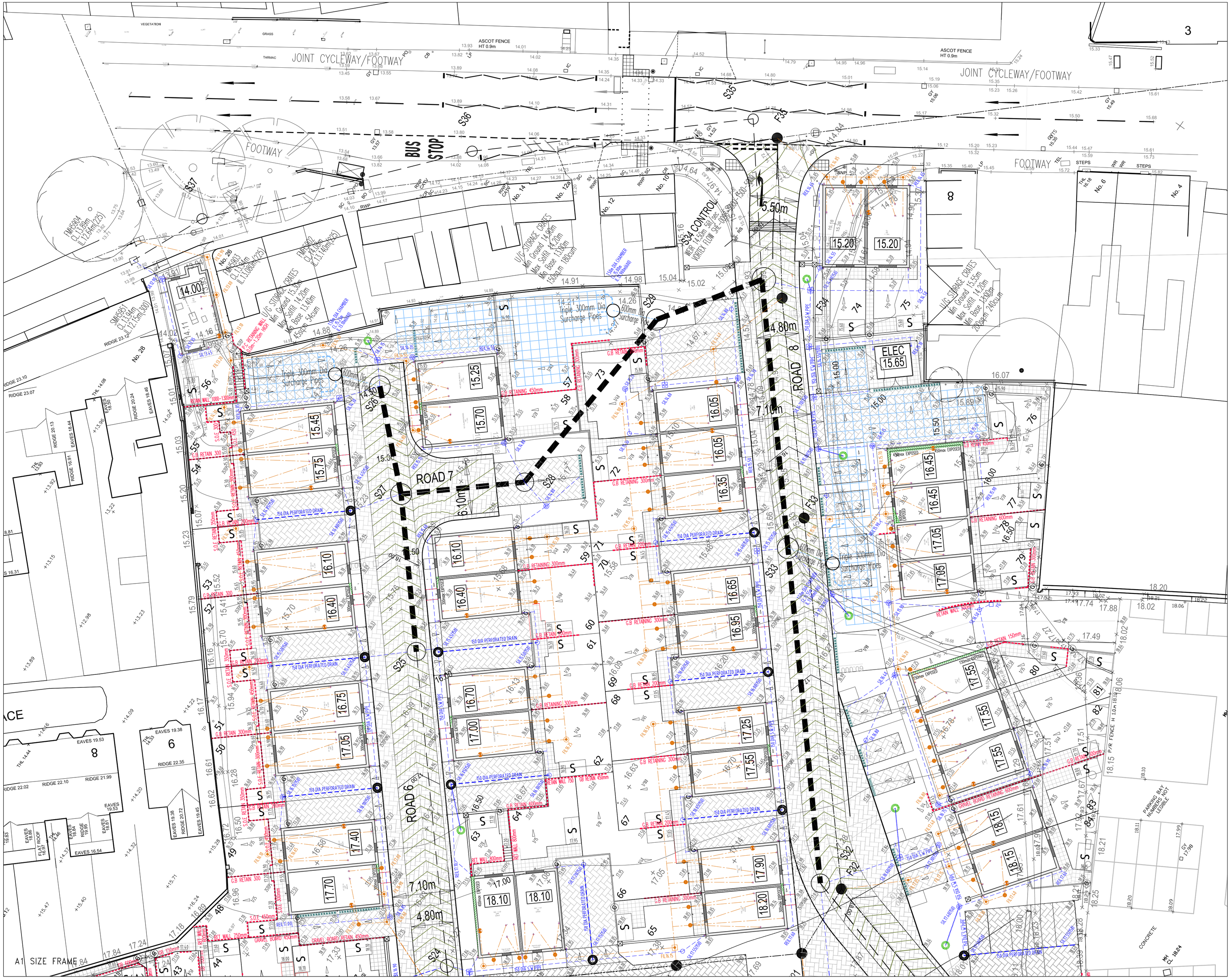

Notes

1. All adoptable highway works shall be in accordance with Cambridgeshire County Council Development Layout Standards and Construction Specifications.
2. All adoptable sewer works and materials to be in accordance with the Design and Construction Guidance. The relevant British/ European and Anglian Water's Standards, Requirements and Adendum.
3. Invert levels of outfall sewers are to be checked before commencing drainage works.
4. Private drainage to be constructed in accordance with BS 8301 1985 "Building Drainage" and Section H of the Building Regulations 1985, and any other specification required by the contract.
5. All private drainage to be 100ø unless shown otherwise. Pipes to be laid and bedded in accordance with the manufacturer's instructions. All first off storm and foul pipes on private laterals to be 150mm Dia unless shown otherwise.
6. Manhole cover levels are indicative and should be adjusted to suit finished levels. Covers should be fixed parallel to adjacent kerblines.
7. Pipes from adoptable road gullies to be 150 dia.

The symbols on the drainage key do not indicate the shape nor size of the feature to which they relate.

Key

ADOPTABLE DRAINAGE.

FOUL / SURFACE

- Existing sewer and manhole.
- New adoptable sewer and manhole.
- Existing road gulley. (Gy)
- Adoptable road gulley.

PRIVATE DRAINAGE.

FOUL / SURFACE

- Private drain.
- FIL50.00 Shallow access fitting – with invert level – maximum depth 600 mm. / SIL50.00
- FIL50.00 Shallow Inspection chamber – with invert level – maximum depth 1000 mm. / SIL50.00
- FIL50.00 Deep Inspection chamber – with invert level – depth greater than 1000 mm. / SIL50.00
- FIL63.21 Manhole Rectangular or Rings PCC or Encased UPVC with invert level – depth greater than 1000 mm. / SIL58.69
- Yard gulley. (YG)
- Linear Drainage Channel to Developers Specification
- 100mm Dia Perforated Pipe Laid at 1 in 150 into Granular Sub-Base Storage.
- 150mm Dia Perforated Pipe Laid horizontal in Sub-Grade Trench.
- Compulsory Full Height Vent Pipe to External Air.
- Maximum depth of additional brickwork 150mm below normal threshold level
- Maximum depth of Tanking to brickwork or split DPC
- Proposed Ground Levels. + 74.80
- Proposed Finished Floor Level. 62.20
- Av. Existing Ground Level (00.00)
- Pedestrian crossing. PC
- Retaining Structures (max height retained) 0.90m Retaining
- Garden and Drive Gradients (1 in x Falls) 1/00
- Location of Tree Pits to receive highway road gullies

Status	FOR INFORMATION PURPOSES AWAITING TECHNICAL APPROVAL

Revision	Ref	Details	Rev.by	Date
	A	First issue	ndp	01.09.22
	B	Plot Externals additions	ndp	01.09.23
	E	Planning Layout amendments	ndp	01.10.23
	F	Planning Layout amendments	ndp	01.12.23
	G	Additional drainage levels.	ndp	12.12.23
	H	S.W Storage & Outflows adjusted.	ndp	01.01.24
	J	Latest entrance adjustments for porches.	ndp	01.02.24
	K	Tree Pits added. S.W Drainage adjusted.	ndp	01.04.24
	L	ESS relocated.	ndp	18.06.24
	M	Plan Overlay for all Sheds & Paths. HT 12 Int Drains.	ndp	28.06.24
	N	Plot 76 rear peds access amended.	ndp	20.08.24
	P	Storm Drainage to Elec Substation.	ndp	02.10.24
	R	Part M42 notes to rear access revised. Plots 42-48 rear gardens adjusted to Arch Sects	ndp	29.01.25
	S	Driveway 74-76 to Impermeable Spec.	ndp	05.02.25
	T	Primary Access amends to latest NHBC Regs.	ndp	01.04.25

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ARCHITECTURAL & ENGINEERING DESIGN

Title: DOMESTIC DRAINAGE AND PLOT EXTERNALS

Drawn/CAD	Engineer	Scale	Date
ndp	ndp	1 : 200	SEPTEMBER 2022

Drg No	Revision
1730–108	T