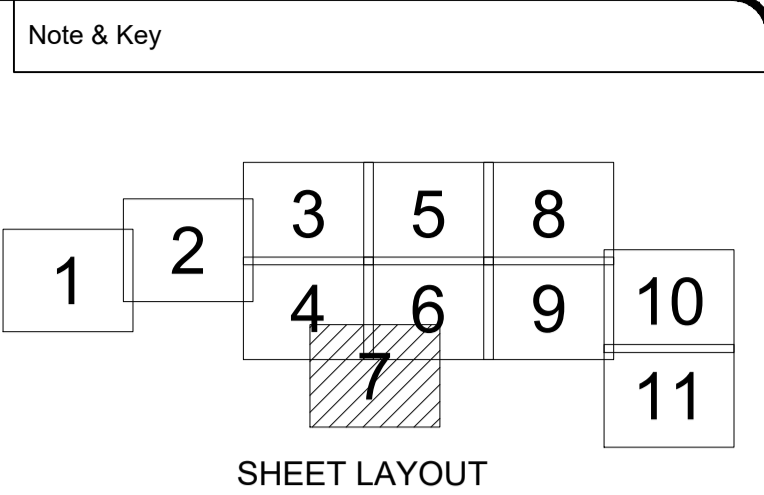
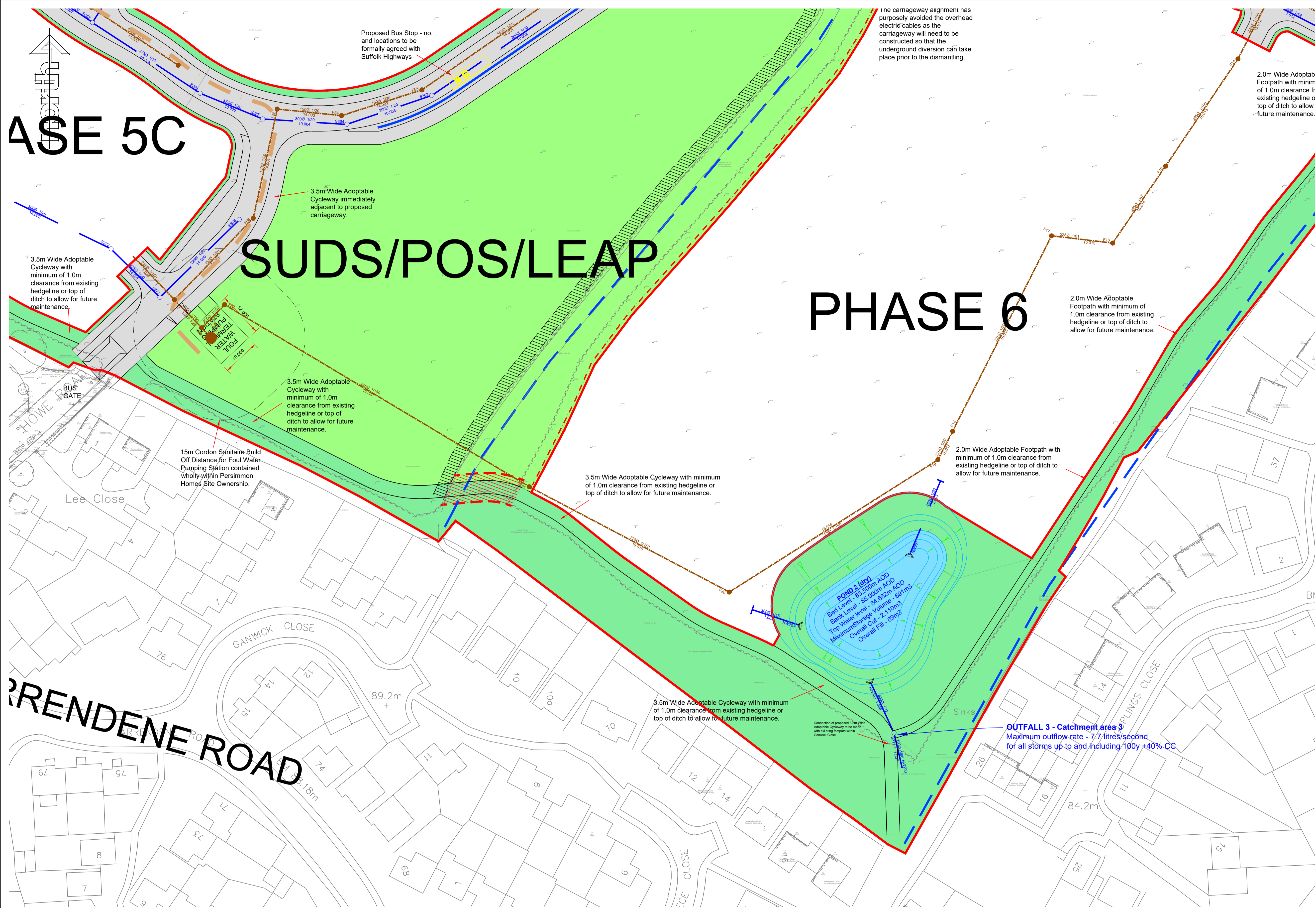


# ASE 5C

# SUDS/POS/LEAP

# PHASE 6



- Existing Watercourse to remain and flows maintained
- Line indicates a 3m offset required from edge of existing hedgerow and/or top of existing ditch for future maintenance requirements.
- Relief Road Landscaping
- Adoptable Highway
- Storm Manhole (Infrastructure)
- Line of existing BOAT
- Rising Main
- Infrastructure Landscaping
- Storm Drainage Pipe (Infrastructure)
- Existing vegetation to be removed to a maximum of 2.0m behind back of proposed footway and/or cycleway. Culvert to be reconstructed below along existing ditchline.
- Indicative Swale
- POS / Sports Pitches / Allotments
- Foul Manhole (Infrastructure)
- SUDs feature (Top of Water Level)
- Whole Development Boundary
- Line indicates a 1m offset from line of BOAT or 4m offset from edge of existing hedgerow and/or top of existing ditch for future maintenance requirements.
- Foul Drainage Pipe (Infrastructure)
- Adoptable Manhole
- Adoptable Drainage Pipe
- Highway Gully
- Gully Connection
- Headwall
- School / Community Facilities
- Storm Attenuation Tank (Infrastructure)

Rev	Description	By	Date
D	Revised following LPA discussions, also includes latest Drainage Strategy and Relief Road Designs	SB	27.07.20
C	Updated to Local Authority Comments	JV	31.01.20
B	Revised following discussions with various stakeholders including LPA/Highways/Landscape	GL	16.10.19
A	Revised following discussions with SCC Highways and drainage strategy details added.	GL	28.1.19

**PERSIMMON**

Persimmon Homes Ltd.  
Persimmon House  
Orion Court, Orion Avenue  
Great Blakenham  
Suffolk IP6 0LW  
Tel 01473 927400

Site Name:  
**Boyton Place  
Haverhill Road  
Haverhill, Suffolk**

Drawing:  
**Infrastructure Roads  
Engineering Layout  
Sheet 7 of 11**

Scale@A1: 1:2,500	Date: Mar 2018
Drawn By: GL	Checked By:
Drawing No: <b>039/E/207</b>	Rev: D

The carriageway alignment has purposely avoided the overhead electric cables as the carriageway will need to be constructed so that the underground diversion can take place prior to the dismantling.

2.0m Wide Adoptable Footpath with minimum of 1.0m clearance from existing hedgerow or top of ditch to allow for future maintenance.

3.5m Wide Adoptable Cycleway with minimum of 1.0m clearance from existing hedgerow or top of ditch to allow for future maintenance.

15m Cordon Sanitaire Build Off Distance for Foul Water Pumping Station contained wholly within Persimmon Homes Site Ownership.

3.5m Wide Adoptable Cycleway immediately adjacent to proposed carriageway.

3.5m Wide Adoptable Cycleway with minimum of 1.0m clearance from existing hedgerow or top of ditch to allow for future maintenance.

3.5m Wide Adoptable Cycleway with minimum of 1.0m clearance from existing hedgerow or top of ditch to allow for future maintenance.

2.0m Wide Adoptable Footpath with minimum of 1.0m clearance from existing hedgerow or top of ditch to allow for future maintenance.

2.0m Wide Adoptable Footpath with minimum of 1.0m clearance from existing hedgerow or top of ditch to allow for future maintenance.

3.5m Wide Adoptable Cycleway with minimum of 1.0m clearance from existing hedgerow or top of ditch to allow for future maintenance.

**OUTFALL 3 - Catchment area 3**  
Maximum outflow rate - 7.7 litres/second for all storms up to and including 100y +40% CC

**POND 2 (icy)**  
Bed Level - 83.00m AOD  
Bank Level - 85.00m AOD  
Top Water Level - 84.62m AOD  
Maximum Storage Volume - 691m<sup>3</sup>  
Overall Cut - 69m<sup>3</sup>