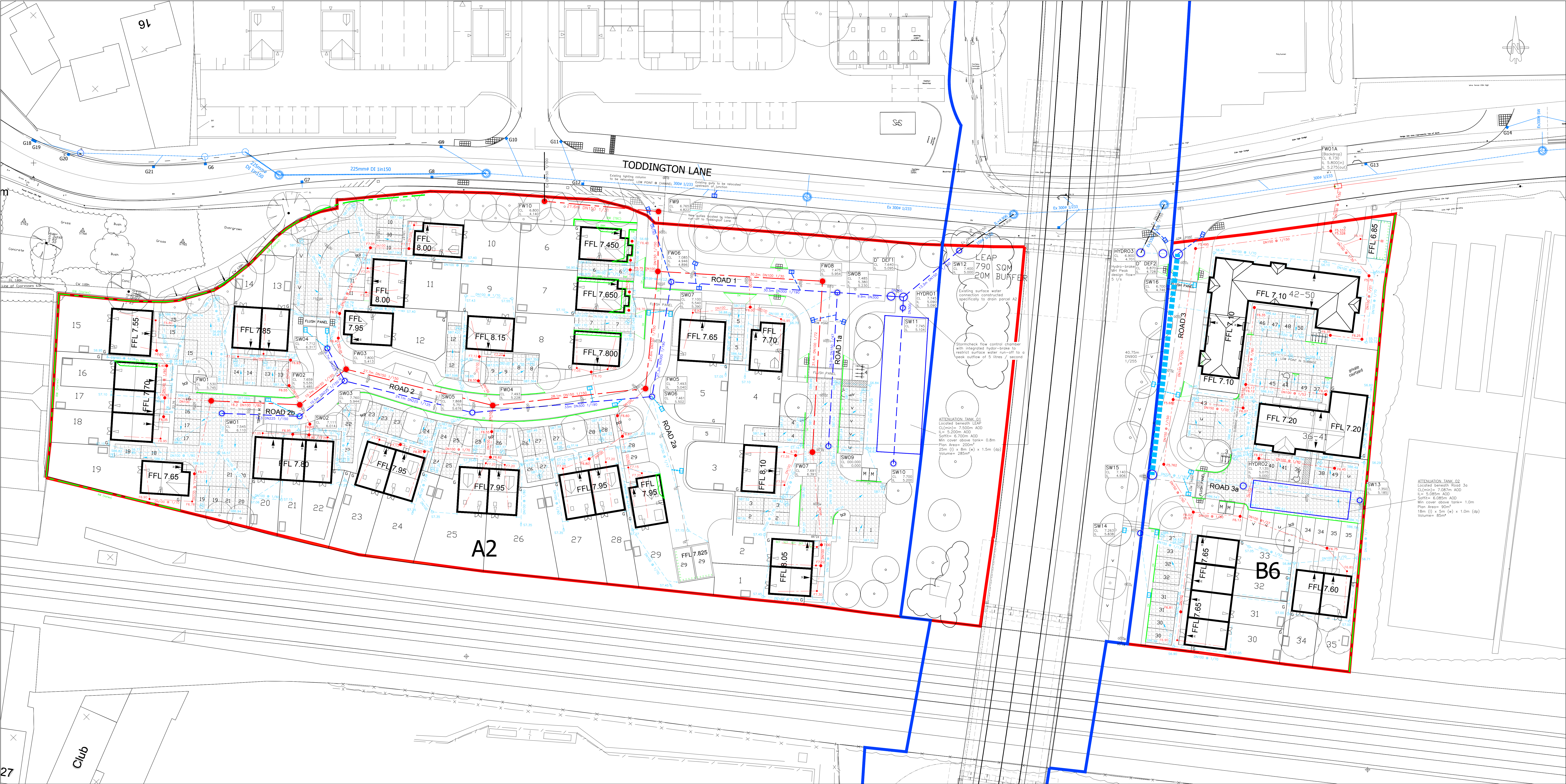




KEY:

Proposed Adoptable Sewers:

- Foul sewer
- Storm sewer
- Highway Gully
- Adoptable Lateral
- Adoptable Access Chamber

Infrastructure detail (current at time of issue but to be checked against latest revisions) provided by Mayer Brown identifying discharge/connection points to adjacent sewers. All infrastructure road drainage is to be constructed from Mayer Brown design detail, with any discrepancies brought to MJA's attention.

Section Agreement requirement (S104, S106, S38 and/or S278) to be discussed and agreed with Mayer Brown (Infrastructure Engineer currently progressing section agreements for other phases) and relevant authorities.

Proposed Private Drainage:

- Foul drain
- Storm drain
- Rodding eye
- Yard gully
- Aco drain

All private inspection chambers shall be polypropylene non-access chambers in accordance with The Building Regulations, Part H.

Chamber sizes:
Depth to invert <0.6m DN300
Depth to invert >0.6m DN475

Invert levels shown thus: F10.00 S10.00

Permeable paving subbase area
Subbase IL shown thus: S86.74
Min. 300mm deep
(see layout and construction details)

708 x 708 x 150mm Pernavoids Diffuser Unit wrapped in 2mm polypropylene mesh, available as pre-assembled unit with connection socket (available from SEL Environmental Ltd.)

Site Boundary

Lyminster Bypass

Finished floor levels shown thus: FFL 10.00

Fall Arrows

Proposed Levels

Primary Access

Secondary Access

CONSTRUCTION NOTES:

- Do not scale from this drawing.
- All dimensions in metres.
- All levels relate to ordnance datum.
- This drawing is based on the latest Architectural planning layout and shall be read in conjunction with all other relevant longitudinal sections and construction drawings.
- Any discrepancies with any of the drawings shall be reported to MJA Consulting Engineer.
- The level and location of all existing services shall be verified on site by the Contractor before commencing any construction work.
- Contractor must comply with all current legislation relating to CDM, Health and Safety and COSHH.
- All material in excess of 20kg (i.e. kerbs, manhole units cover etc.) shall be mechanically lifted and laid where possible at all times.
- Adoptable manholes, sewers, headwalls and other structures intended to convey surface water or sewerage are to be constructed in accordance with the Water Authorities Association specification "Sewers for Adoption" 7th edition and to Southern Water specification.
- Gullies, gully connections, drains, manholes, catchpits, soakways, headwalls and other drainage structures intended to convey highway water are to be constructed in accordance with the specification issued by West Sussex County Council - NB: Adoptable works being addressed by Mayer Brown on behalf of Persimmon Homes.
- All foul and storm water drains which are not to be adopted as public sewers under a section 104 agreement shall be constructed using uPVC pipes or similar approved, bedded and backfilled in accordance with the manufacturers instructions and to the Building Regulations Part H, BS EN 752 & B.R.E. SD1.
- All building drainage to be 100mm dia. laid at a minimum gradient of 1 in 40 where serving less than 1 WC, 1 in 80 otherwise (FW) and 1 in 80 (SW) unless otherwise shown.
- Sewers and drains of different diameters should be laid soft to soft.
- Inspection chambers on private drains shall be non-access preformed polypropylene. Minimum size:
 - < 0.6m DN300
 - > 0.6m DN475in accordance with the Building Regulations Part H & BS EN 752.

- Position of soil pipes, stubstacks, WC outlets rainwater downpipes etc positions shall be checked against architects house type drawings to ensure compatibility.
- Where back inlet gullies are used they should be roddable.
- All stub stacks to be fitted with air admittance valve where branch drain exceeds 12m except at head of run.
- Rainwater downpipes to be connected directly to drains via removable adaptor to permit access for rodding.
- Positions of yard and house gullies are nominal and may be adjusted on site, aco drains to be installed at the end of all drives falling towards the public highway. All gully gratings in drives and parking areas should be of sufficient strength to withstand vehicular loading.
- Lintels or sleeves are to be provided for drains passing through foundation brickwork.
- All gully connections to be 150 dia. uPVC ultrab or similar.
- All gully connections other than at manholes to be "Y" junctions
- All drain runs are to be flushed through and building materials removed where necessary at the time of final test by Building Inspector and prior to occupation.
- All soakways to be positioned a minimum of 5.0m from buildings (where utilised)
- All finished floor levels are shown on the drawing for guidance only and may need to be adjusted on site. However there is to be no deviation without prior approval
- All drives are to have a crossfall or gradient of 1:40 minimum. Maximum drive gradient on down slope to be 1 in 10 and 1 in 8 on up slopes.
- Continuous edging to be laid at rear of service margin.
- Indicative trees to be reviewed in respect of street lighting, services and drainage provision.
- See Mayer Brown Street Lighting Drawing (2 off) for street lighting column positions and specifications.
- See Mayer Brown Surface Treatments Drawing (2 off) for additional kerb information, incl. types, heights and locations of dropped crossings.

PRELIMINARY

A	23/11/18	Revised to incorporate layout changes and Highway comments.	AJW
REV. No.	DATE	DESCRIPTION	INITIALS
Client	Persimmon Homes (Thames Valley)		
Project	Phase 3 Littlehampton		
Title	Drainage Plan		
Scale	1:250 @ A0	Date	June 2018
Checked	KTG	Drawn	AJW
Drawing No.	5825:01		
Rev	A		