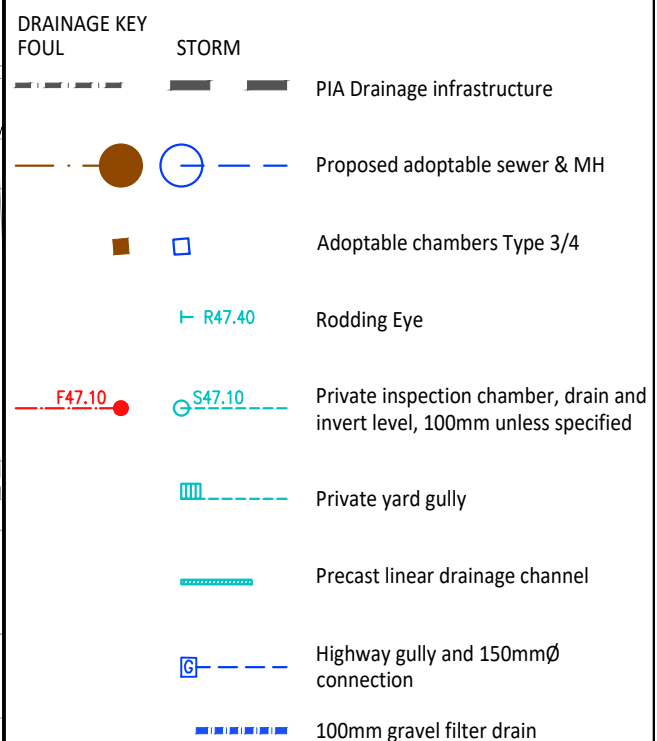


GENERAL DRAINAGE NOTES:

- All sewers to comply with the requirements of the water authorities publication "Sewers for Adoption, 6th Edition" together with Southern Water Addendum.
- All public sewers are to be the subject of a Section 104 agreement of the Water Industry Act 1991.
- Invert levels of existing manholes and sewers are to be checked on site before construction commences and results reported to engineers.
- All manhole ironworks to comply with BS EN124, and be stamped with BSI Kitemark. Covers to suit loading as below:
 - Carriageways and Roads - D400
 - Driveways and Verges - C250
 - Footways and Pedestrian Areas - B125
 - Gardens/Landscaping - A15
- All sewer pipes, up to, and including 225mm are to be vitrified clay to BS EN2895. All sewer pipes 300mm diameter and above to concrete pipes to BS EN1916.
- All drainage shall be installed and tested strictly in accordance with the Manufacturers' printed instructions, BS EN 752, BS EN 1601, Local Water Authority requirements and the Building Regulations.
- All bedding shall be Class 5 unless noted otherwise.
- All trenches under existing and proposed public highways are to be backfilled with thoroughly compacted Type 1 granular sub-base material.
- Drainage laid beneath roads and areas of vehicular access (car 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.
- Chambers with outgoing pipes greater than 600mm diameter shall be fitted with guard bars, safety chains or other approved safety devices.
- The use of precast concrete products made with sulphate resisting cement is mandatory, unless a laboratory report proves such precautions are not necessary.
- All linear drainage connections to use a minimum diameter pipe of 150mm and to be surrounded by a minimum of 150mm of grade C8/C10 concrete over its full length (which should not exceed 15m) and its connection to the carrier system.
- All pipe connections from private to adoptable surface water systems to be 150mm diameter unless otherwise stated.
- Contractor to work from pdf copies of construction drawings. All use of AutoCAD files is at the contractors risk.
- Invert levels of PIA Infrastructure drainage and laterals to be confirmed prior to construction.



C11	05.20	Filter drains added to rear gardens of plots which fall towards house	SM	SM
C10	08.19	Invert level of F20 updated with gradients amended to suit	SM	LPA
C9	08.19	SWS and FWS amended in front of plots 191-193 to tie in with PIA drainage proposals with S16 and F21 adjusted to suit and S17, S18 and F22 removed	SM	LPA
C8	06.19	Plot 158 updated and bollards added between private drives at plots 198/199 following RS42 comments	SM	LPA
C7	03.19	RWP connections amended for plot 189	SM	LPA
C6	11.18	Plot handing amended to suit planning layout with private drainage and paths updated to suit	SM	LPA
C5	11.18	Plot numbers returned to original, house type 404 rear bay windows added and details amended to suit	SM	LPA
C4	10.18	Plot numbers updated, plot 475, 477 & 480 house types amended and drainage adjusted to suit	SM	LPA
C3	10.18	Updated in line with as-built survey information	CG	SM
C2	07.18	Boundaries adjusted at plots 164/165 and 189/190	SM	LPA
C1	07.18	Issued for Construction	RW	SM
P1	05.18	First Issue	RW	SM

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Client: **LINDEN HOMES**

Project: **BOORLEY GREEN PARCEL B3**

Title: **DRAINAGE LAYOUT SHEET 2**

Status: **CONSTRUCTION**

Scale	Date	Drawn	Checked
1:250 @ A1	MAY 2018	RW	SM
Drawing No.		Revision	
A170-LIN-502			C11