

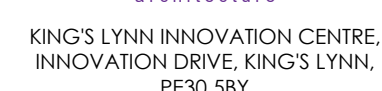


INFRASTRUCTURE

- Do not scale directly from this drawing. All discrepancies are to be brought to the attention of the below office.
- The copyright to this drawing is owned by studio 11 architecture.
- The General Contractor is to check all dimensions on site and report discrepancies to the designer.
- The details and information shown herein relating to existing underground drains, main services, cables, etc., and existing structural details, are as obtained from a visual survey observation method. Although all reasonable effort has been made, no guarantee can be made or given for the completeness or accuracy of this information.

1. All drawings to be read in conjunction with Structural Engineers Drawings.
2. All dimensions are in metres unless noted otherwise, drainage pipes are specified in millimetres.
3. All discrepancies, of any nature to be reported back to the office stored in the file book.
4. If in doubt, ask!
5. Drainage to be constructed in accordance with building regulations part H.
6. Details to be read in conjunction with all other relevant drawings.
7. Selling out in an area of 100m² with the Architectural plans.
8. All proprietary items to be installed in strict accordance with the manufacturers instructions and recommendations.
9. All works to be carried out in accordance with the current British Standards, Codes for materials and building regulations.
10. If the developer's construction sequences do not allow for the porous sub-base to be continuous or flow into each other, then they must ensure that a lin drain serves that compartment.
11. RWPs in drains, SVPs and similar junctions are to be determined on site, and in accordance with building regulations.
12. All RWPs, SVPs, etc., to be fitted with ridding access.
13. Drainage generally designed to incorporate a side step down into the main channel in view of PP10 building regulations.
14. Backdrops must be manufactured to ensure that building drainage above foundations are able to enter the PP1C - refer to details.
15. Backdrops and below ground foul drainage pipes to be 100mm Ø unless noted otherwise.
16. All RWPs and below ground foul drainage to be set out by the Architect.
17. All PP1C's deeper than 1.2m are to be fitted with non-access covers, in accordance with building regulations.
18. The site is designed to ensure that all storms up to and including 100 year + 40% climate change event are contained within the site. The scheme is designed in accordance with national policy and DEFRA's non-technical standards.
19. Manhole covers are to be D400 in adoptable areas and the main access way, C250 for shared parking areas, B125 for private domestic car parking and A15 for soft landscaped and non-vehicle areas.
20. Foul water to be discharged to the sewerage system, to be agreed.
21. For Private Drainage drainage, the pipework needs concrete pipe protection if the following depths to soffit cannot be achieved (see detail sheet 3003):
 - 21.1. For PVC-U 0.9m in vehicular areas or 0.6m in soft landscaping.
 - 21.2. For clayware or concrete - 1.2m in vehicular areas or 0.6m in soft landscaping.
22. Refer to building regulations part H for further guidance.
23. Building construction to be in accordance with the FRA.
24. Prior to construction commencing, the developer will need to obtain discharge consent from the IDB for surface water and AW for the foul water.
25. It is the developers responsibility to ensure that third party rights of connection into the ditch have been consented.
26. Foul drain/sewer gradients to have a minimum of 1000 : 1:80 if a WC is connected or 1000 : 1:40 if not. Pipes can be 1500 : 1:150 if 3 or more WCs are connected to it.
27. This design is not for the foul section 106 agreement and IDB consent has been granted.

C	27/02/24	S11	Drawing updated to suit overall site layout change
B	31/08/22	BJ	Foul connection into AW sewer ammended
A	10/04/22	BJ	General updates to drainage layout
REVISION	DATE	DRAWN	DESCRIPTION



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CLIENT RTW Construction & Developments LTD

PROJECT	Proposed Commercial development at Marsh Lane, Boston
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DRAWING Proposed Drainage General
Arrangement
Sheet 1 of 2

DRAWN BJ	PROJECT DESIGNER KB	PROJECT DIRECTOR KB
DATE 01.03.2022	SCALE 1:250	PAPER SIZE A1

DRAWING NUMBER
505-S11-00-SI-DR-C-3000

Working in partnership with **Ralph Charman Associates & Eleven Consultants**