



Pipe Diameter (D) (mm)	Maximum effective rocker pipe length (L) (m)
≤ 600	0.60
>600 and ≤750	1.00
>750	1.25

**Manhole Notes:**

Where appropriate, opening to be located centrally over 900mm shaft and offset approximately 200mm for 1200mm shaft with ladder. For additional details of manhole covers or alternative dimensions refer to Manhole Schedules.

Chambers with outgoing pipes greater than 600mm dia shall be fitted with guard bars, safety chains or other safety devices subject to the specific requirements of the water authority / Building Control.

All pipes entering the base of the manhole shall have soffits level unless stated otherwise on the drawings

Where the manhole depth is <3m deep use double step rungs complying with Clause E2.33, otherwise use a ladder complying with BS EN 14396 see Clause E2.37 of Sewer Sector Guidance.

Details shown here do not take account of high water tables. Refer to Manhole Schedules for any additional requirements to mitigate buoyancy.

Coordinates provided for setting out are for intersections of straight pipe runs. All manhole chambers are to be coordinated on site to ensure correct landing access is provided in line with the details shown.

- Notes**
- Do not scale this drawing. All dimensions must be checked/ verified on site. If in doubt ask.
  - This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
  - All dimensions in millimetres unless noted otherwise. All levels in metres unless noted otherwise.
  - Any discrepancies noted on site are to be reported to the engineer immediately.
  - This drawing is to be read in conjunction with the latest drainage layout drawing.
  - Unless noted otherwise, all clauses relate to Sewer Sector Guidance Notes or Building Regulations Part H.
  - To be read in conjunction with BWB drawing  
LIN-BWB-CIV-XX-D-C-0500\_Outline Drainage Strategy  
LIN-BWB-DDG-XX-DR-D-0560\_Drainage Outfall Detail  
LIN-BWB-DDG-XX-DR-D-0562\_Drainage Standard Details Sheet 2  
LIN-BWB-DDG-XX-DR-D-0563\_Drainage Standard Details Sheet 3

P01	21.01.25	Planning Issue	US	KMJ
Rev	Date	Details of issue / revision	Draw	Rev

**Issues & Revisions**

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Client  
**Hargreaves Land Ltd.**

Project Title  
**Lincolnshire Lakes, Scunthorpe**

Drawing Title  
**Drainage Standard Details Sheet 1**

Drawn:	U. Shahzad	Reviewed:	K. Jones
BWB Ref:	221638	Date:	Jan '25
Scale:	@A1:	NTS	

**For Planning**

Project - Originator - Zone - Level - Type - Role - Number	Status	Rev
LIN-BWB-DDG-XX-DR-D-0561	S8	P01