

Sub-base Depth: 0.45m  
Porosity: 30%

Permeable Paving Area:  
127.6m<sup>2</sup>  
Sub-base Depth: 0.45m  
Porosity: 30%

Permeable Paving Area:  
272.48m<sup>2</sup>  
Sub-base Depth: 0.45m  
Porosity: 30%

Enhanced Swale:  
Top: 66.240  
Bottom: 65.500

Granular Trench Base  
Length: 93m  
Depth: 1.5m  
Width: 2.5m  
Porosity: 30%  
Base IL: 63.980

Where possible the runoff from roofs would be connected into the permeable paving sub-base and swales via RWPs. Where not possible it would positively drain into the network.

NOTE: For modeling purpose the pipe size under the swale and detention basin is assumed to be larger.

Legend	
	Proposed Adoptable Surface Water Sewer
	Proposed Adoptable Surface Water Manhole
	Proposed Adoptable Foul Water Sewer
	Proposed Adoptable Foul Water Manhole
	Proposed Permeable Paving (With Proposed 0.45m Sub-base)
	Site Boundary
	Below Ground Storage Tank

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing. Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

- Notes:
1. This drawing is to be read in conjunction with all relevant Architects and Engineers drawings and specifications.
  2. All levels quoted are in metres A.O.D.
  3. All road gullies shall be located away from proposed entrances to houses.
  4. Kerb upstands to tarmac carriageway to be typically 125mm.

P04	03.10.2023	Updated to latest architects layout.	AF	AM	AM
P03	07.09.2023	Updated to suit LLFA comments.	AF	AM	AM
P02	07.08.2023	Updated to latest architects layout.	LN	GT	GT
P01	14.07.2023	Final Issue.	LN	GT	GT

**LDE**  
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Client: **dandara**

Project Title: **MOOR FIELDS  
LITTLE DUNMOW**

Status: **PLANNING**

Drawing Title: **SITE DRAINAGE  
SHEET 3 OF 3**

Drawn	Date	Checked	Date	Approved	Date
LN	13.07.2023	GT	13.07.2023	GT	13.07.2023

Scale	Orig Size	Dimensions
1:250	A0	M

Project No.	Drawing No.	Drawing File
134390	134390	134390-RSK-ZZ-ZZ-DR-C-0024-Site Drainage.dwg

Project	Org	Wk/Sys	Lev/Loc	Type	Rev	Draw No.	Appr
134390	RSK	ZZ	ZZ	DR C	0024	P04	

