

Permeable Paving Area:
293.98m²
Sub-base Depth: 0.45m
Porosity: 30%

Permeable Paving Area:
228.19m²
Sub-base Depth: 0.45m
Porosity: 30%

Permeable Paving Area:
315.54m²
Sub-base Depth: 0.45m
Porosity: 30%

Permeable Paving Area:
382.80m²
Sub-base Depth: 0.45m
Porosity: 30%

Permeable Paving Area:
321.97m²
Sub-base Depth: 0.45m
Porosity: 30%

Cellular Storage
Area: 130m²
Depth: 0.4m
95% Porosity
Invert Level: 67.420

Detention Basin
Top: 66.240
Bottom: 64.940

Granular Trench Base
Length: 90m
Depth: 1.04m
Width: 2.5m
Porosity: 30%
Base IL: 63.900

Cellular Storage
Area: 130m²
Depth: 0.4m
95% Porosity
Invert Level: 65.095

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.

Legend:

- 1500 1:100 Proposed Adoptable Surface Water Sewer
- Proposed Adoptable Surface Water Manhole
- 1500 1:100 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

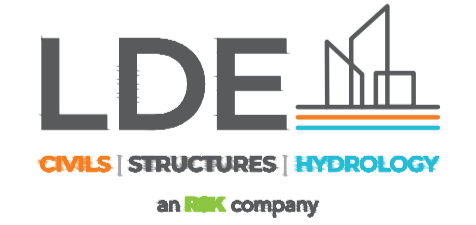
CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

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 design 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.

Rev.	Date	Amendment	Drawn	Chk.	Appr.
P04	04.10.2023	Updated to latest architects layout.	AF	AM	AM
P03	07.06.2023	Updated to suit LFA comments.	AF	AM	AM
P02	07.06.2023	Updated to latest architects layout.	LN	GT	GT
P01	14.07.2023	Final Issue.	LN	GT	GT



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Client: MOOR FIELDS LITTLE DUNMOW

Status: PLANNING

Drawing Title: SITE DRAINAGE SHEET 2 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.	Rev.
134390	P04

Project	Org	Wk/Sys	Lev/Loc	Type	Rev	Chw. No.
134390	RSK	ZZ	ZZ	DR	C	0023

