

SURFACE WATER TO BE RESTRICTED TO 5 l/s/Ha

DISTRIBUTION OF ATTENUATION VOLUME ACROSS SITE TO BE CONFIRMED BY DETAILED HYDRAULIC MODELLING AND CONFIRMATION OF SUDS PROPOSALS FROM PLANNERS.

**GENERAL NOTES:**

In conjunction with all relevant Architects and Engineers

All details and dimensions and levels are to be confirmed prior to commencement of construction. Any variations reported to the Engineer.

Dimensions in millimeters unless noted otherwise.

Local survey and CCTV survey information available at the site. Drawings to show new sewers, connections, pipe sizes and invert levels to be submitted to the engineer prior to commencement of works to ensure connectivity. Information shown should be reported to the engineer for confirmation.

When being used, allowances should be made to remediate any damage to existing drainage systems based on available CCTV survey information.

When required to keep existing drainage, allowances should be made in accordance with Curtins drainage specification.

Surface water inlet positions and associated falls to them are to be designed set out by the Landscape Architect. They are to be confirmed against Landscape Architects level design. Any changes are to be coordinated to the engineer ASAP.

Drainage points are shown indicatively and are to be designed and set out by the engineer.

Connections damaged through construction works are to be repaired to the original standard.

External drain points are to be confirmed by others. External drain points should be sized to match above ground size of 100Ø.

Permeable paving areas are to be confirmed by further surveys.

Greenfield runoff rates. 5 l/s/Ha for total site area of 3.79 ha. The entire site.

For new connection to public sewer.

Capacity check to be carried out to confirm proposals.

Work to be carried out in accordance with Structural Engineers.

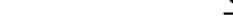
## PRIVATE DRAINAGE

	-SURFACE WATER DRAIN.
	-PPIC SURFACE WATER CHAMBER.
	-PCC SURFACE WATER CHAMBER.
	-PCC SURFACE WATER CATCHPIT.
	-RAIN WATER DOWN PIPE.
	-RODDING EYE.
	-YARD GULLY, 1000Ø OUTLET.
	-ROAD GULLY, 1500Ø OUTLET.
	-SLOT DRAIN AND SUMP/GULLY UNIT.
	-DISHED CHANNEL DRAIN AND ROAD GUL
	-PROPOSED BACKDROP.
	-SDS GEOLIGHT BELOW GROUND SURFACI WATER ATTENUATION STORAGE SYSTEM.
	-KINGSPAN BYPASS SEPARATOR REF: NSBE010 (TEL: +44(0) 28 3836 4400)
	-PROPOSED GREEN AREA.
	-PROPOSED PERMEABLE PAVING 450mm TYPE 3.
	-FOUL WATER DRAIN.
	-PPIC FOUL WATER CHAMBER.
	-PCC FOUL WATER CHAMBER.
	-BACK DROP.
	-STUB STACK.
	-SOIL AND VENT PIPE.
	-TRAPPED FOUL GULLY, 1000Ø OUTLET.
<b>EXISTING DRAINAGE</b>	
	-SURFACE WATER DRAIN TO REMAIN.
	-FOUL WATER DRAIN TO REMAIN.
	-COMBINED DRAIN TO REMAIN.
<b>GENERAL</b>	
	-1000mm DEEP GROUND BEAM (BENEATH 300mm SLAB). *ALL OTHER GROUND BEAMS 600mm.
	-EXTENTS OF EXISTING RIFLE RANGE.

## EXISTING DRAINAGE

GENERAL

-FOUL WATER DRAIN TO REMAIN.  
-COMBINED DRAIN TO REMAIN.

 -1000mm DEEP GROUND BEAM  
(BENEATH 300mm SLAB).  
\*ALL OTHER GROUND BEAMS 600mm.

 -EXTENTS OF EXISTING RIFLE RANGE.

**GENERAL**

The diagram consists of two parts. On the left, there is a yellow U-shaped cross-section representing a 'DEEP GROUND BEAM' (BENEATH 300mm SLAB). On the right, there is a horizontal grey bar representing the 'EXTENTS OF EXISTING RIFLE RANGE'.

GE 4 COMPLETE ISSUE	10.12.18	NH	LG
IMAGE REVISED TO SUIT NEW LANDSCAPE	22.11.18	NH	LG
UM AREA DRAINAGE RATIONALISED	26.10.18	NH	LG
LY LOCATIONS REVISED	03.10.18	NH	TL
GE 4 ISSUE	28.08.18	FD	AS
LL NETWORK REVISED TO GRAVITY	01.08.18	NMH	AS
GE 3 ISSUE	20.04.18	DSR	AS



on Street, London, EC1V 0BD  
2240  
[curtins.com](http://curtins.com)  
[ns.com](http://ns.com)

#### **STAGE 4**

## DED WHEAT, METROPOLITAN

#### **POSED DRAINAGE LAYOUT**

## USED BRAKING SYSTEM

: Drawn By: Designed By: Checked By:  
2024/01/10

20.04.2018	D.ROLFE	A.SMITH	R.UPTON
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or: Zone: Level: Type: Discipline: Category / Number: Rev:

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