GENERAL NOTES:

1. THIS DRAWING IS INTENDED TO INDICATE THE PROPOSED DRAINED AREAS FOR BLOCK C & D OF THE VIADUX DEVELOPMENT AND SHOULD BE READ IN CONJUNCTION WITH:
   - BLOCK C, D & E PROPOSED BELOW GROUND DRAINAGE DRAWING
   - BLOCK C, D & E MICRODRAINAGE MODEL AND CALCULATION OUTPUTS

KEY

- DEVELOPMENT BOUNDARY
- BLOCK C, D & E BOUNDARY (EXCLUDING GMPTE BRIDGE AREA) TOTAL AREA: 4090m² (0.409ha)
- INTERFACE BOUNDARY BETWEEN PHASE 1 AND 2 AT GROUND FLOOR LEVEL

BLUE ROOF AREA SUMMARY			
MANHOLE REF	HATCH	BLUE ROOF AREA (ha)	CATCHMENT (ha)
SL2.00		0.072	0.115
SL3.00		0.089	0.105
	TOTAL	0.161	0.220

PROPOSED IMPERMEABLE AREA SUMMARY			
MANHOLE REF	HATCH	AREA (ha)	CATCHMENT (ha)
SL1.00		0.006	0.006
SL2.00		0.012	0.012
SL1.02		0.019	0.019
SL3.00		0.005	0.005
SL3.01		0.025	0.025
SL6.00		0.037	0.037
SL8.00		0.056	0.075
	TOTAL	0.160	0.179

SL3.00 BLUE ROOF A (PODIUM)

BLUE ROOF AREA: 890 m²
CATCHMENT AREA: 1045 m²
STORAGE VOLUME: 86.3 m³
MAXIMUM RUNOFF RATE: 1.8 l/s

RWP's TO BLUE ROOF TO BE CO-ORDINATED AT STAGE 3 WITH BLUE ROOF SUBCONTRACTOR.

SL2.00 BLUE ROOF B (TOWER)

BLUE ROOF AREA: 720 m²
CATCHMENT AREA: 1150 m²
STORAGE VOLUME: 69.8 m³
MAXIMUM RUNOFF RATE: 1.2 l/s

RWP's TO BLUE ROOF TO BE CO-ORDINATED AT STAGE 3 WITH BLUE ROOF SUBCONTRACTOR.

1500mm DIA COMBINED SEWER
300mm DIA COMBINED SEWER
UU MH 6601
CL: +35.880
IL: +32.150 (BASED ON PURE UTILITIES SOLUTIONS SURVEY DATE MARCH 22)
LOWER ROOF AND UNDERSIDE OF BRIDGE ABOVE GROUND DRAINAGE TO ABOVE GROUND DRAINAGE ENGINEERS DESIGN AND DETAIL
SL1.08
1200 DIA PCC
HYDROBRAKE FLOW CONTROL
DESIGN FLOW: 5.7 l/s
DESIGN HEAD: 1.6 m
CL: 35.900
IL: 33.295
C1.00
1200 DIA PCC
CL: 35.040
IL: 32.715
RWP
ATTENUATION TANK VENT
SL9.00
CL: 35.930
TOP OF TANK: 35.330
IL: 33.330
70m²x 2.0m DEEP ATTENUATION TANK
225mm @ 1:100
225mm DIA @1:100
225mm DIA @1:27.2
150mm DIA @1:100
150mm DIA @1:6.2
SL1.07
600 DIA PPIC
CL: 35.405
IL: 33.975
SL1.06
600 DIA PPIC
CL: 35.505
IL: 34.220
SL1.00
600 DIA PPIC
CL: 39.310
IL: 24.820
SL1.01
600 DIA PPIC
CL: 39.600
IL: 34.725
100mm DIA @1:100
150mm DIA @1:61.5
RWP FA
SL1.05
600 DIA PPIC
CL: 35.905
IL: 34.935
SL1.04
600 DIA PPIC
CL: 35.905
IL: 33.990
150mm DIA @1:100
150mm DIA @1:100
150mm DIA @1:41.2
SL1.02
600 DIA PPIC
CL: 39.760
IL: 34.310
150mm DIA @1:28.7
SL1.03
600 DIA PPIC
CL: 35.630
IL: 34.165
150mm DIA @1:100
SL3.02
1200 DIA HYDRO DOWNSTREAM DEFENDER
CL: 35.635
IL: 34.250
150mm DIA @1:100
SL3.01
600 DIA PPIC
CL: 35.680
IL: 34.265
150mm DIA @1:100
SL3.00
600 DIA PPIC
CL: 35.680
IL: 34.310
SL6.00
600 DIA PPIC
CL: 35.905
IL: 34.165
RWP
2440mm DIA COMBINED SEWER
2440mm DIA COMBINED SEWER

P01	ISSUED FOR PLANNING	08.11.24	HW	KG
Rev:	Description:	Date:	By:	Chkd:

renaissance
Renaissance Associates Ltd
Carvers Warehouse
77 Dale Street
Manchester
M1 2HG

Project:
VIADUX PHASE 2, MANCHESTER

Drawing Title:
BLOCK C, D & E PROPOSED DRAINED AREAS PLAN

Status:
RIBA STAGE 2

Size:	Date:	Drawn by:	Designed by:	Checked by:
A1	NOV 24	HW	--	KG

Scale: 1:150 | Project No: 2209-01

Project: | Originator: | Volume: | Level: | Type: | Role: | Category/Number: | Rev:
V2B-REN-CC-00-DR-C-00060-P01

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