CONNECTION POINT 2 - PHASE 2B
PROPOSED COMBINED WATER SADDLE CONNECTION INTO THE 900mm DIAMETER EXISTING COMBINED SEWER WITHIN TRAFFORD STREET SUBJECT TO UNITED UTILITIES AND LLFA APPROVAL. INVERT LEVEL OF CONNECTION POINT TO BE CONFIRMED PRIOR TO COMMENCEMENT OF DRAINAGE WORKS.

EXISTING BRICKWORK TO BE REMOVED TO ACCOMMODATE NEW CONNECTION. NEW PIPE TO BE FULLY BED INTO EXISTING BRICKWORK WITH EPOXY MORTAR AND ENCASED IN CONCRETE SURROUND. CARE TO BE TAKEN TO ENSURE NO DEBRIS FALL INTO THE EXISTING SEWER.

225mm DIA UNITED UTILITIES COMBINED SEWER

2440mm DIA UNITED UTILITIES COMBINED SEWER

CL: 34.780
IL:30.930

BEETHAM TOWER

S1.06 1200 DIA PCC VORTEX FLOW CONTROL MANHOLE
DESIGN FLOW: 2.0 l/s
DESIGN HEAD: 1.0m
CL: 34.640
IL: 33.490

S1.05
450 DIA PPIC
CL: 34.700
IL: 33.530

150mm DIA @ 1:100

C1.01
600 DIA PPIC
CL: 34.630
IL: 33.960

150mm DIA @ 1:100

S1.04
1500 DIA PCC
CL: 35.300
IL: 33.695

S1.03
450 DIA PPIC
CL: 35.300
IL: 34.110

150mm DIA @1:100

S1.01
450 DIA PPIC
CL: 35.300
IL: 34.180

150mm DIA @1:100

S1.02
450 DIA PPIC
CL: 35.300
IL: 34.155

150mm DIA @ 1:100

S1.00
450 DIA PPIC
CL: 35.300
IL: 34.250

S2.04
450 DIA PPIC
CL: 35.020
IL: 33.625

S2.03
450 DIA PPIC
CL: 35.020
IL: 33.655

150mm DIA @ 1:100

S2.02
450 DIA PPIC
CL: 35.600
IL: 34.550

59.3 sq m

92.48 sq m

244.3 sq m

BLUE ROOF

BLUE ROOF AREA: 470m2
CATCHMENT AREA: 590m2
STORAGE VOLUME: 45.5m
MAXIMUM RUNOFF RATE: 0.8 l/s

2x RWP's TO BLUE ROOF TO BE CO-ORDINATED AT STAGE 3 WITH BLUE ROOF SUBCONTRACTOR.

MODELLED AS TWO SEPARATE BLUE ROOF AREAS WITH 0.03 Ha INTO S2.02 AND 0.03 Ha S3.02.

DRAINAGE IN THIS AREA INSTALLED AS PART OF THE HILTON SLOT SITE WORKS WHICH FORMED PART OF THE PLANNING APPLICATION FOR PHASE 1 OF THE VIADUX DEVELOPMENT. REFER TO HILTON SLOT SITE/ VIADUX PHASE 1 PROPOSALS FOR DETAILS.

PLANNING REF: 126868/JO/2020
UU S106 REF: EC5170
DRAWING REF: HSS-REN-00-00-DR-C-01100

NOTE IMPERMEABLE AREA REDUCED TO ALLOW FOR THE PROPOSED SLOT SITE RESIDENTIAL BUILDING ROOF ABOVE.

BLUE ROOF BY SUPPLIER

BLUE ROOF AREA: 470 m²
CATCHMENT AREA: 590m²
STORAGE VOLUME: 45.5m³
MAXIMUM RUNOFF RATE: 0.8 l/s

2x RWP's TO BLUE ROOF TO BE CO-ORDINATED AT STAGE 3 WITH BLUE ROOF SUBCONTRACTOR INPUT

2700 6075 8875

GENERAL NOTES:

1. THIS DRAWING IS INTENDED TO INDICATE THE PROPOSED DRAINED AREAS FOR PHASES 2a (BLOCK C &d), 2b (BLOCK E) AND 2c (BLOCK F) OF THE VIADUX DEVELOPMENT AND SHOULD BE READ IN CONJUNCTION WITH:
   - SITEWIDE PROPOSED BELOW GROUND DRAINAGE DRAWING
   - MICRODRAINAGE MODEL AND CALCULATION OUTPUTS

PROPOSED IMPERMEABLE AREA SUMMARY

MANHOLE REF	HATCH	AREA (ha)
S1.00		0.003
S1.01		0.002
S1.04		0.006
S1.05		0.004
S2.02		0.003
	TOTAL	0.018

BLUE ROOF AREA SUMMARY

MANHOLE REF	HATCH	BLUE ROOF AREA (ha)	CATCHMENT (ha)
S2.02		0.024	0.034
S3.02		0.024	0.034
	TOTAL	0.048	0.068

KEY

DEVELOPMENT BOUNDARY

BLOCK F BOUNDARY
-TOTAL AREA :1015m²
-DRAINED AREA: 860m²

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

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

Project:
VIADUX PHASE 2, MANCHESTER

Drawing Title:
BLOCK F PROPOSED DRAINED AREA PLAN

Status:
RIBA STAGE 2

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

Scale: 1:100 Project No: 2209-01

Project: Originator: Volume: Level: Type: Role: Category/Number: Rev:

V2B-REN-FF-00-DR-C-00060-P01

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