

A1

1

2

3

4

5

6

7

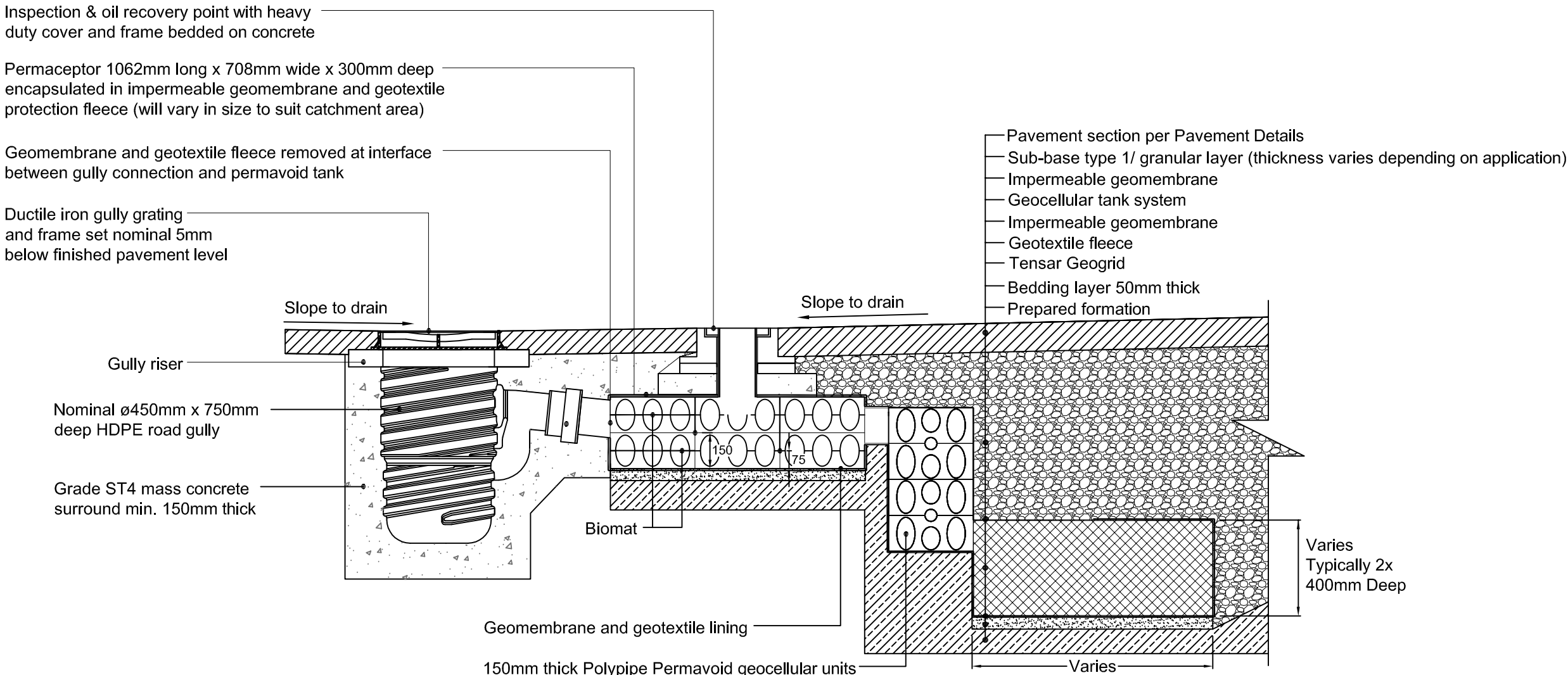
8

9

10

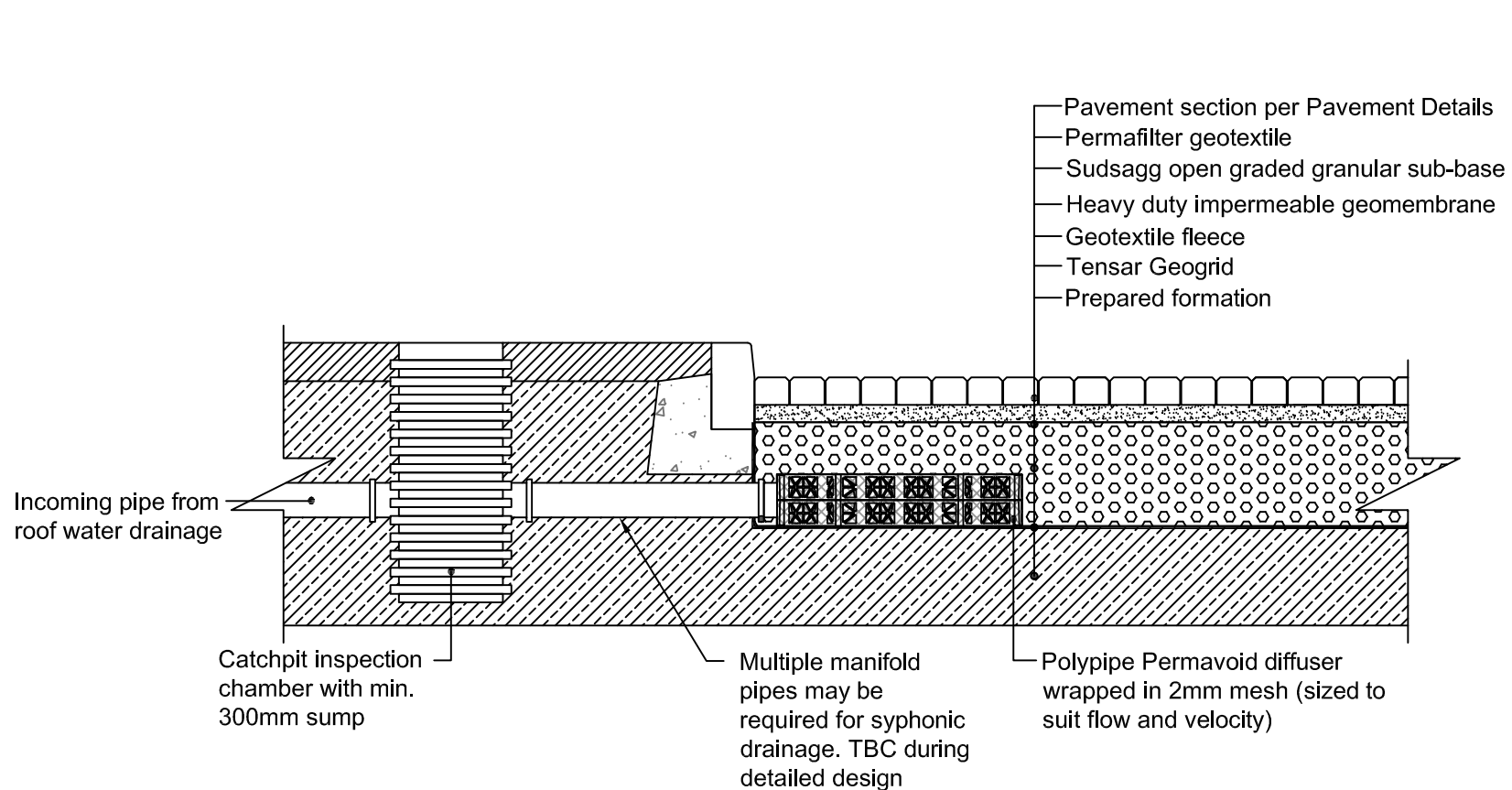
11

A B C D E F G H I J K L M N



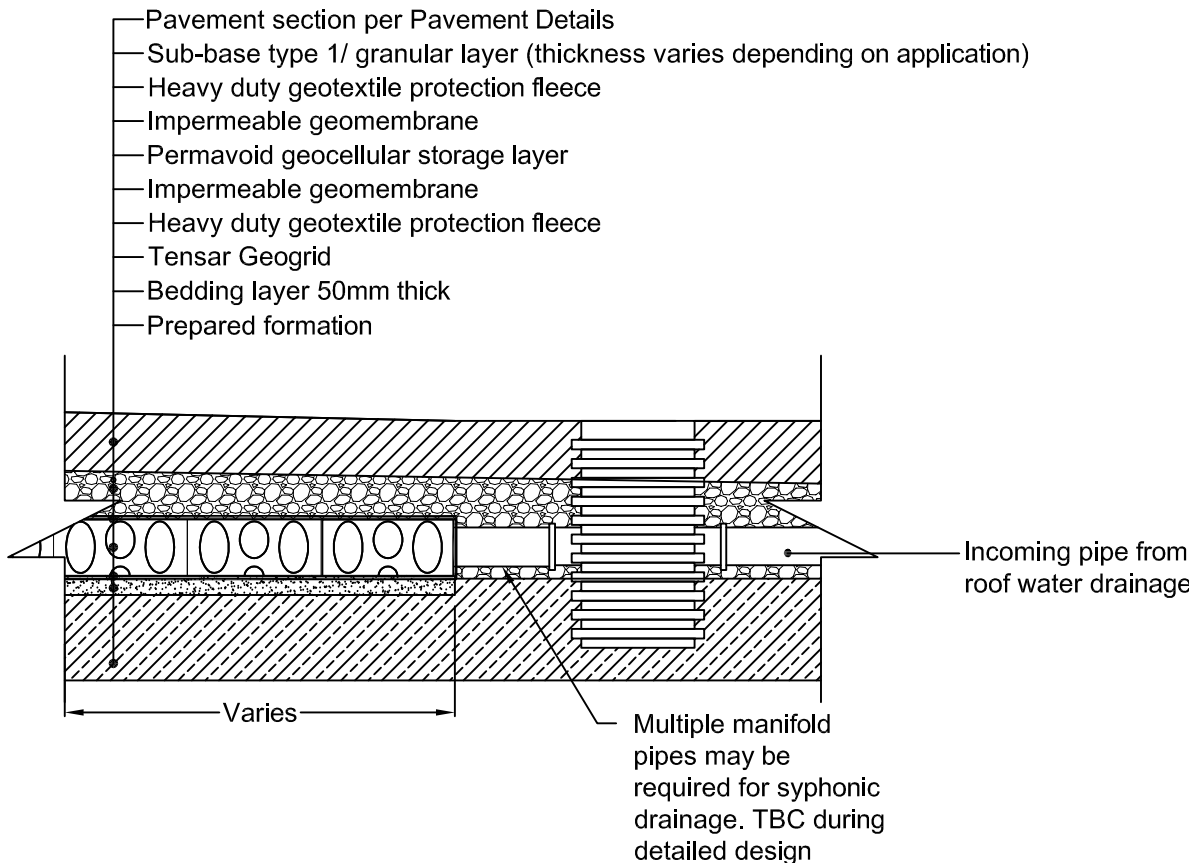
Typical Road Gully Connecting to Geocellular Attenuation Conduit (See Note 1)

N.T.S.



Rainwater Downpipe Connection into Sub-base Reservoir

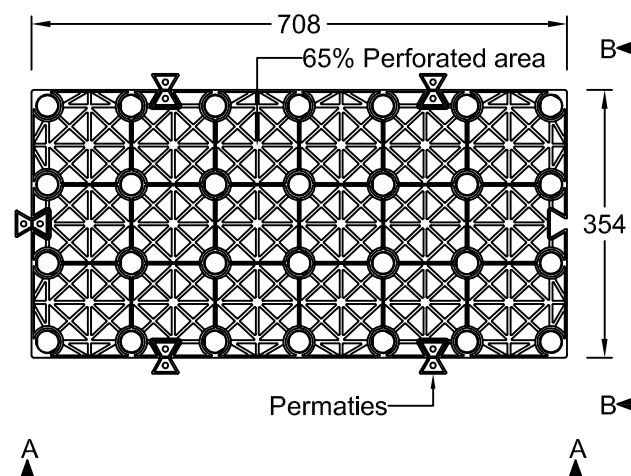
N.T.S.



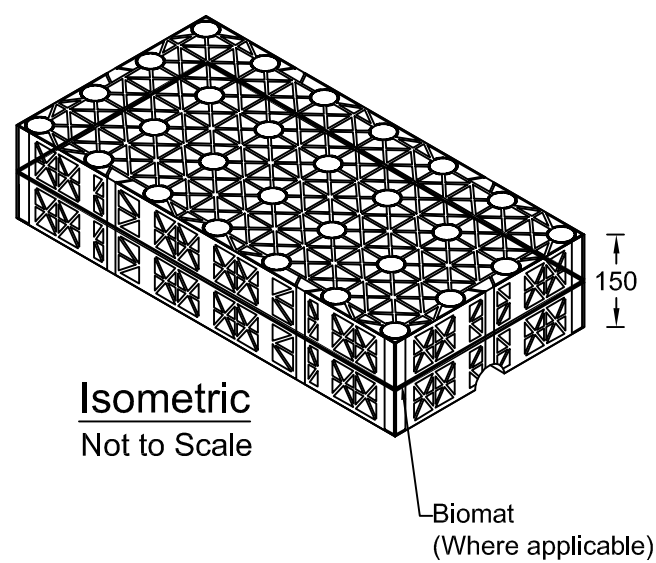
Rainwater Downpipe Connection into Permavoid Raft

N.T.S.

Permavoid 150mm Unit

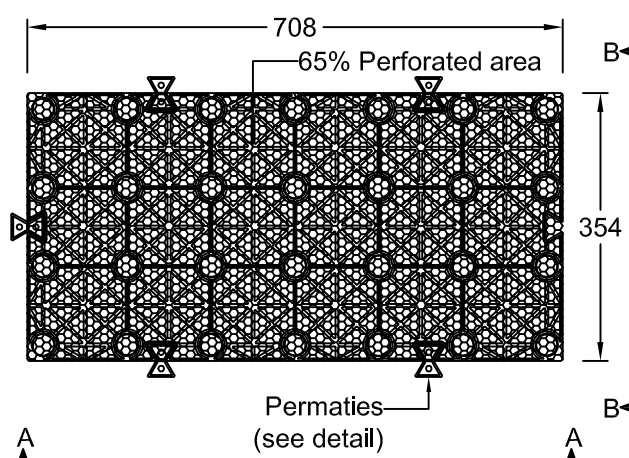


Plan Scale (1:10)

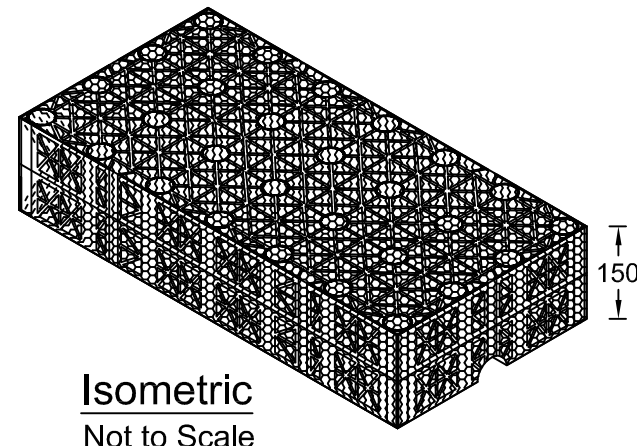


Isometric Not to Scale

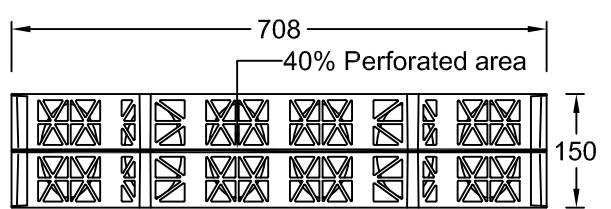
Permafoam 150mm Unit



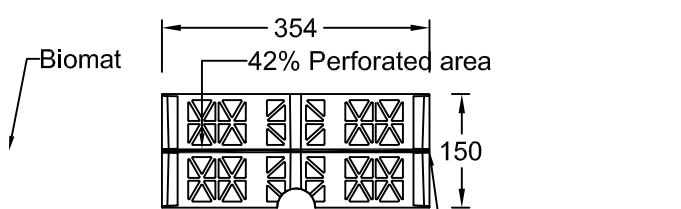
Plan Scale (1:10)



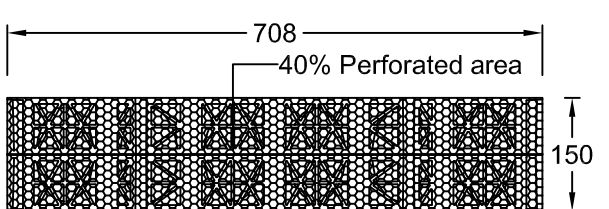
Isometric Not to Scale



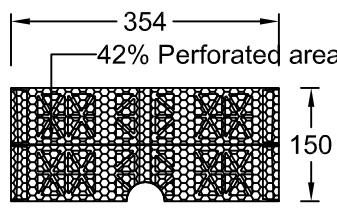
Elevation A-A Scale (1:10)



Elevation B-B Scale (1:10)



Elevation A-A Scale (1:10)



Elevation B-B Scale (1:10)

Notes

1. Exact locations of channels and/or gullies to be agreed with Landscape Architect during detailed design. Drains collecting from main roads to connect to Biomat or similar approved for oil interception.
2. Similar proprietary products may be submitted for Engineer's approval in lieu of those shown hereon.

P01	11/01/16	JW	TM	DK
Issue for Planning Application				
Issue	Date	By	Chkd	Appl

ARUP

The Arup Campus, Blythe Gate, Blythe Valley Park
Salford, West Midlands B90 8AE
T +44(0)121 213 3000 F +44(0)121 213 3001
www.arup.com

Client

Reading Football Club

Job Title

Royal Elm Park
(Land at Madejski Stadium)

Drawing Title

Detail Sheet 1

Scale at A1

NTS

Discipline

Civil

Drawing Status

For Planning Application

Job No

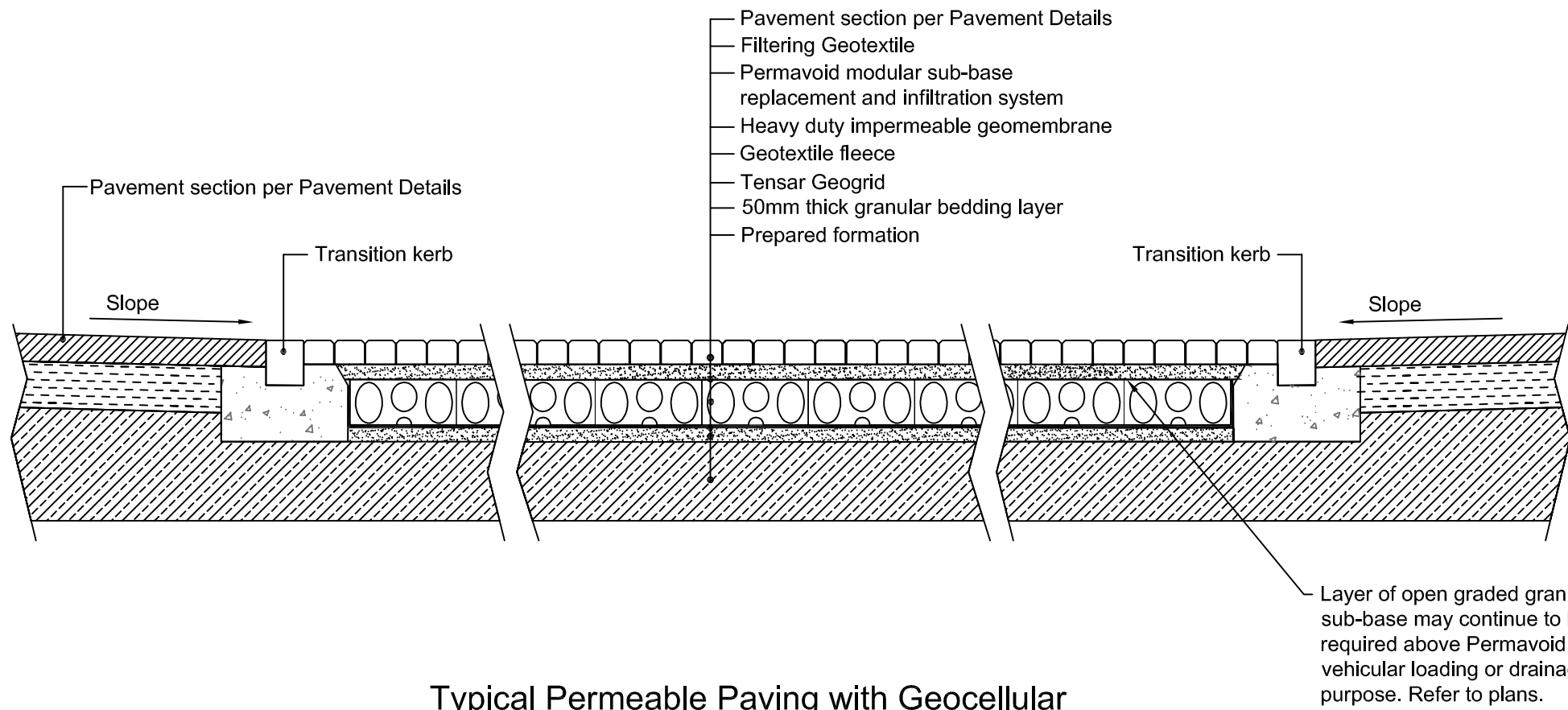
240524-00

Drawing No

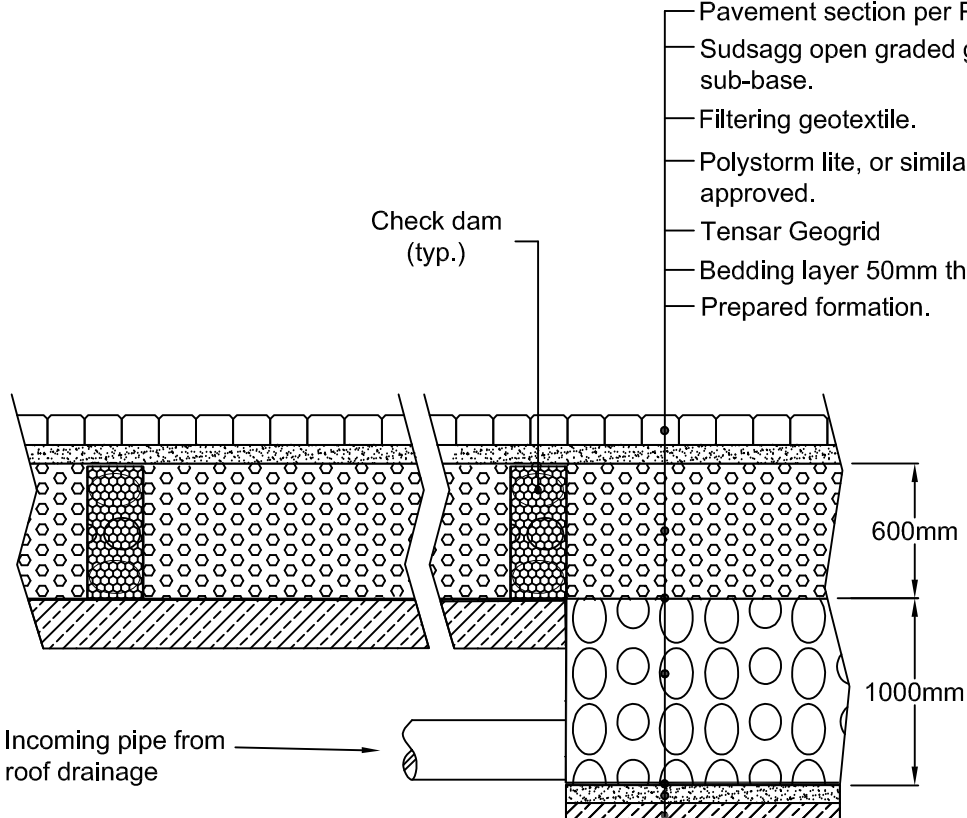
CD-00105

Issue

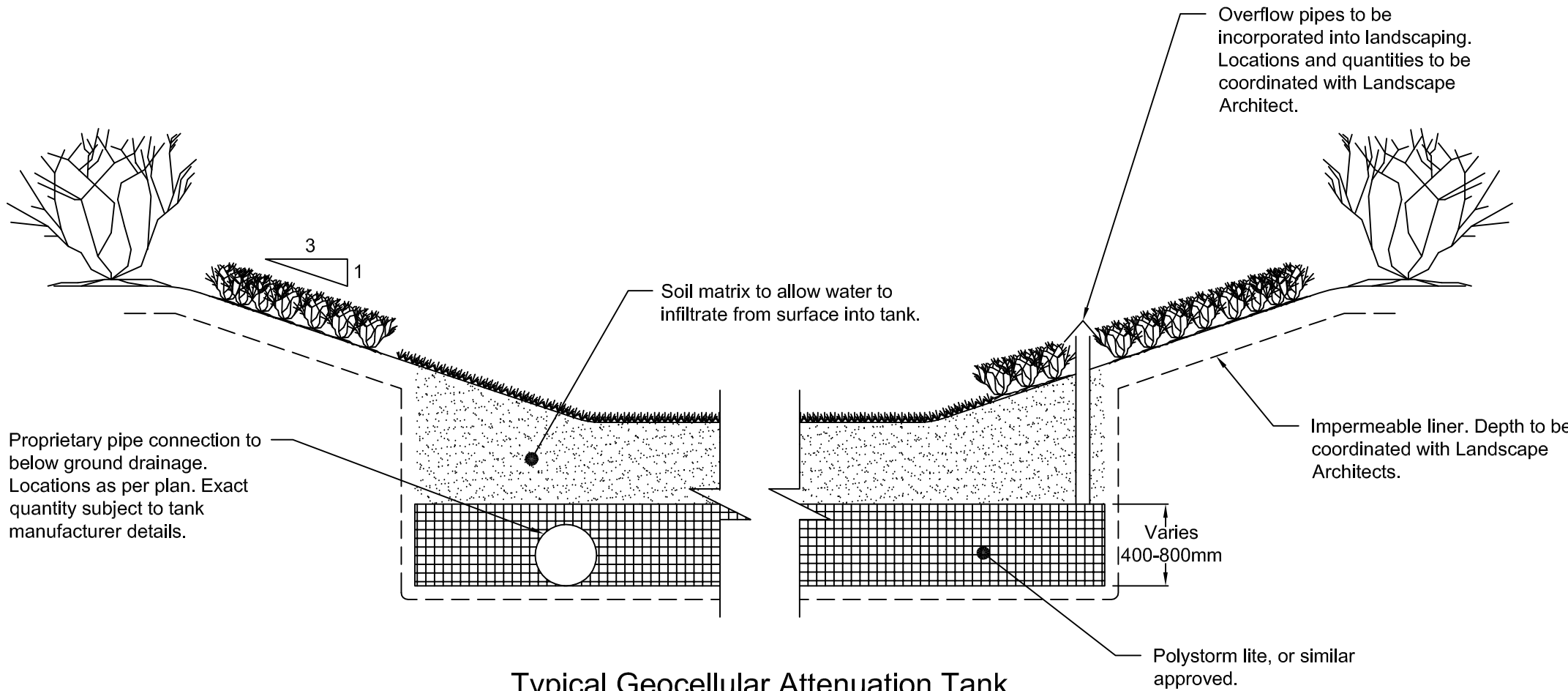
P01



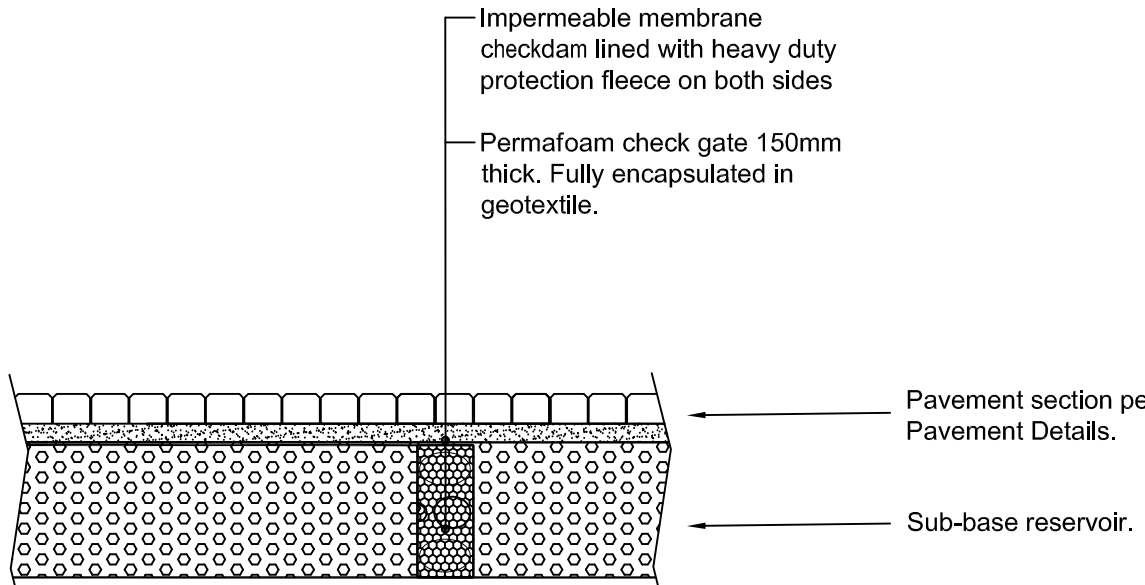
Typical Permeable Paving with Geocellular Sub-base Replacement
N.T.S.



Typical Residential Block Permeable Paving with Geocellular Attenuation Tank
N.T.S.



Typical Geocellular Attenuation Tank Below Dry Basin
N.T.S.



Typical Check Dam in Sub-base Reservoir
N.T.S.

Notes

1. Similar proprietary products may be submitted for Engineer's approval in lieu of those shown hereon.

P01	11/01/16	JW	TM	DK
Issue for Planning Application				
Issue	Date	By	Chkd	Appl

ARUP

The Arup Campus, Blythe Gate, Blythe Valley Park
Solihull, West Midlands B90 8AE
T +44(0)121 213 3000 F +44(0)121 213 3001
www.arup.com

Client
Reading Football Club

Job Title
Royal Elm Park
(Land at Madeski Stadium)

Drawing Title
Detail Sheet 2

Scale at A1

NTS

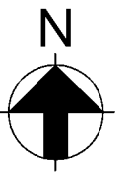
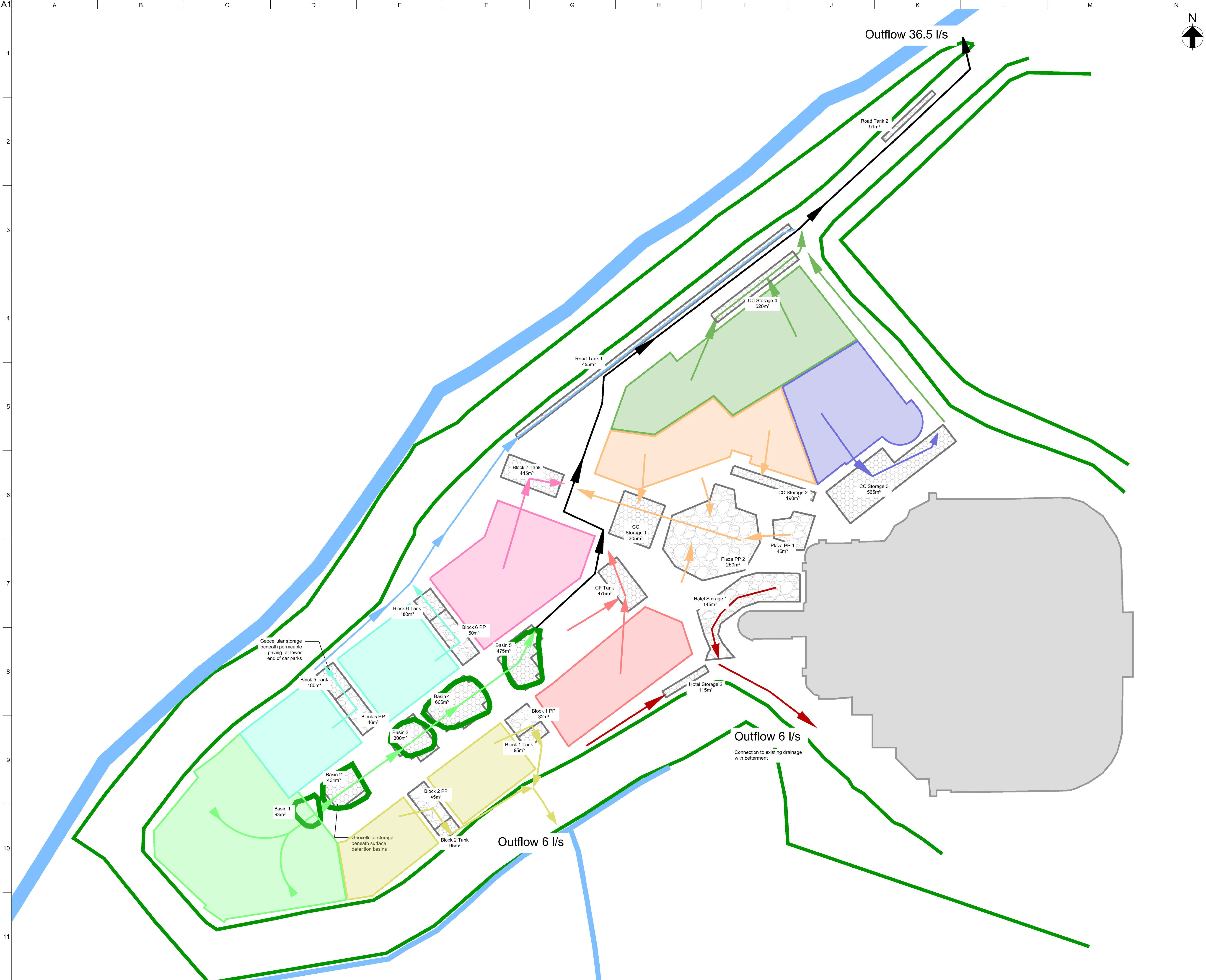
Discipline

Civil

Drawing Status

For Planning Application

Job No	Drawing No	Issue
240524-00	CD-00106	P01



Legend

- Gravity Sewer
- Geocellular attenuation tank
- Permeable paving & SuDS aggregate
- Multi Storey Car Park
- Residential Blocks 1 & 2
- Residential Blocks 3 & 4
- Residential Blocks 5 & 6
- Residential Block 7
- Convention Centre 1
- Convention Centre 2
- Convention Centre 3

P01	11/01/16	JW	TM	DK
Issue for Planning Application				
Issue	Date	By	Chkd	Appd

ARUP

The Arup Campus, Blythe Gate, Blythe Valley Park
Salford, West Midlands B90 8AE
T +44(0)121 213 3000 F +44(0)121 213 3001
www.arup.com

Client

Job Title
Royal Elm Park
(Land at Madejski Stadium)

Drawing Title
Surface Water
Schematic Overview

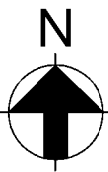
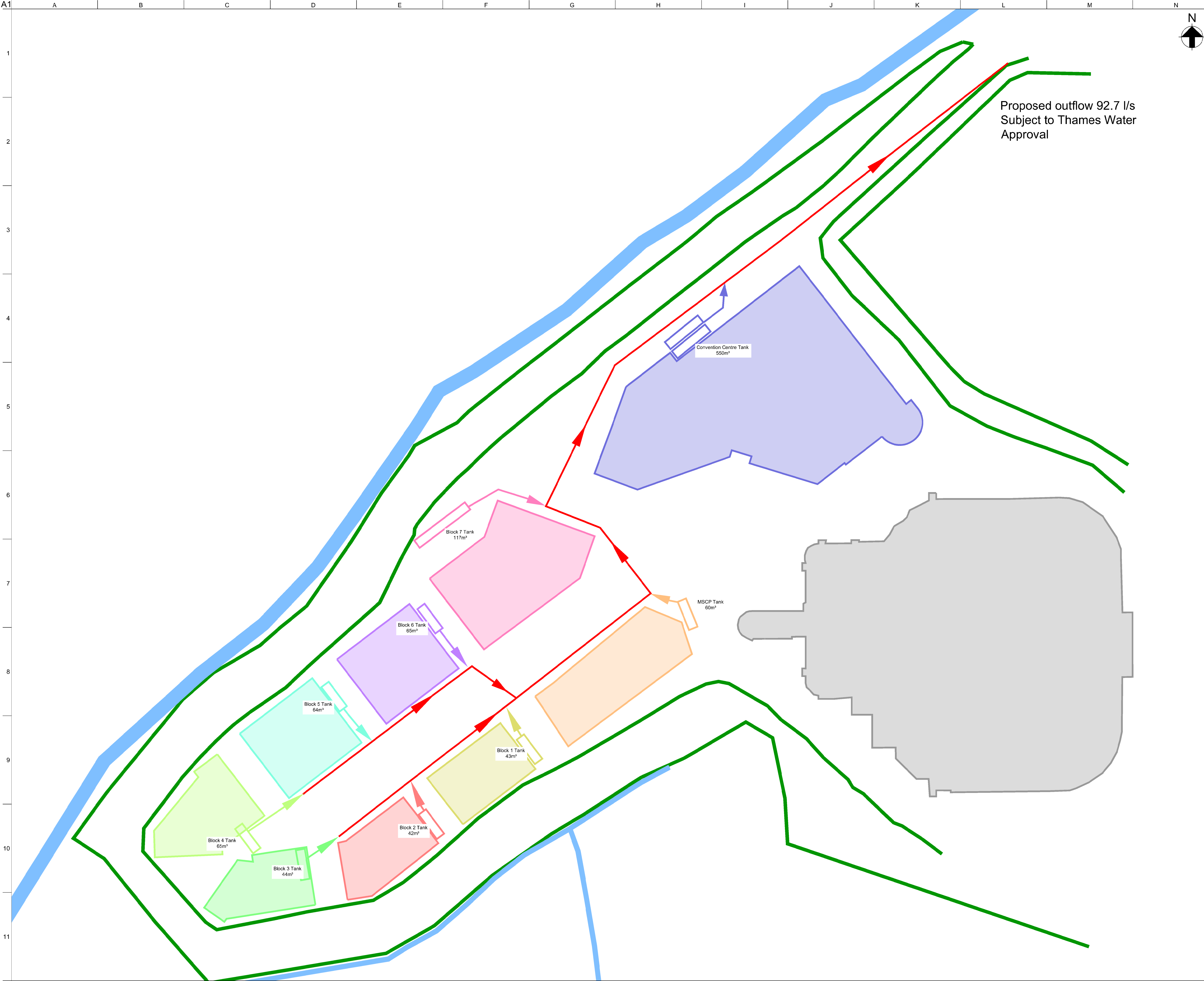
Scale at A1
1:1000

Discipline
Civil

Drawing Status

For Planning Application

Job No	Drawing No	Issue
240524-00	CD-00200	P01



- Legend**
- Gravity Sewer
 - Pumped storage
 - Multi Storey Car Park
 - Residential Block 1
 - Residential Block 2
 - Residential Block 3
 - Residential Block 4
 - Residential Block 5
 - Residential Block 6
 - Residential Block 7
 - Convention Centre

P01	11/01/16	JW	TM	DK
Issue for Planning Application				
Issue	Date	By	Chkd	Appd

ARUP

The Arup Campus, Blythe Gate, Blythe Valley Park
Solihull, West Midlands B90 8AE
T +44(0)121 213 3000 F +44(0)121 213 3001
www.arup.com

Client

Job Title
Royal Elm Park
(Land at Madejski Stadium)

Drawing Title
Foul Water
Schematic Overview

Scale at A1
1:1000

Discipline
Civil

Drawing Status

For Planning Application		
Job No	Drawing No	Issue
240524-00	CD-00201	P01