

SuDS Maintenance Strategy Report

Jersey Wharf

Job Number:	Revision:	Date of issue:
5241	P03	24 February 2026

Prepared For:
SISK

Document Number
EYJW-RBG-ZZ-ZZ-TR-C-000003

Status:
S4 - Suitable for Review & Authorisation

We design for delivery

Robert Bird Group is committed to continuing to be a leader in the engineering services we offer, to meet the key challenges of the future.

Robert Bird Group
an SJ company

www.robertbird.com

Report Amendment Register

Issue Ref	Amended Section(s)	Issue/Amendment Details	Author(s)	Reviewer	Date
P01	ALL	S4 - Suitable for Review & Authorisation	N.Brown	C.Sanchez	24 October 2025
P02	Cover page	Updated image	N.Brown	C.Sanchez	27 October 2025
P03	Appendix A	Appendix A updated	C. Sanchez	A. Clay	24 February 2026

Carlos Sanchez
Senior Engineer



Amy Clay
Associate Director



Executive Summary

Robert Bird Group (RBG) has been commissioned by John Sisk & Son Ltd. to provide consulting structural and civil engineering services for the Eliza Yard and Jersey Wharf project in Manchester, UK.

The proposed development includes three residential buildings, referred to as Jersey Wharf Block A, Jersey Wharf Block B and Eliza Yard (Block C). All three blocks are 8-storeys in height, with mixed use commercial, residential and amenity space at ground floor, and residential use for all floors above ground.

This report is the Maintenance Report following completion of the RIBA Stage 4 design. The report provides the details of the maintenance for the Sustainable Drainage Systems (SuDS) located on the Jersey Wharf plot.

Contents

Executive Summary ii
1. Introduction 1
2. Site Location & Proposed Development 2
3. Maintenance Plan 3
3.1 Attenuation Tanks 3
3.2 Permeable Paving 5
4. Conclusion 7

Appendices

Appendix A **Proposed Drainage General Arrangement Drawing, Pavement Layout & Buildups**

This report has been prepared on behalf of and for the exclusive use of the Client, and is subject to and issued in accordance with the agreement between the Client and Robert Bird & Partners Limited. Robert Bird & Partners Limited accepts no liability or responsibility whatsoever for any use of or reliance upon this report by any third party. Any copying of this report to external parties requires the permission of the Client and Robert Bird & Partners Limited .

1. Introduction

The purpose of this report is to support the discharge of the planning conditions implemented by Manchester City Council for the Jersey Wharf development, with specific reference to SuDS features and maintenance schedules for designed features.

The Jersey Wharf site is subject to specific planning conditions, for which the associated planning condition have been listed below:

Jersey Wharf – Condition 16 (Planning application Ref. 133769/FO/2022)

Prior to the first occupation of the development hereby approved, details of the implementation, maintenance and management of the sustainable drainage scheme for the development shall be submitted for approval in writing by the City Council, as Local Planning Authority.

For the avoidance of doubt the scheme shall include the following:

- *Verification report providing photographic evidence of construction; and*
- *Management and maintenance plan for the lifetime of the development which shall include the arrangements for adoption by any public body or statutory undertaker, or any other arrangements to secure the operation of the sustainable drainage scheme throughout its lifetime.*

The approved scheme shall then be implemented in accordance with the details and thereafter managed and maintained for as long as the development remains in use.

Post-construction, verification reporting and photographic evidence will be undertaken by others. This report is solely intended for SuDS maintenance purposes, as outlined in the second bullet point. The SuDS are not being adopted by any public authority and will remain under private maintenance.

2. Site Location & Proposed Development

The site is located in Jersey Street, Manchester. Refer to blocks A and B on Figure 1 below.



Figure 1: Site location, with site boundaries shown in red.

The Jersey Wharf development comprises a 190-unit residential development, with ground floor commercial floor space and ancillary amenity space within an 8-storey building, cycle parking provision, hard and soft landscaping, access and servicing and other associated works. The site lies next to the Rochdale Canal.

The development is in Flood Zone 1 with a low risk of flooding from fluvial and river flooding. The surface water and foul water drainage design for all blocks consists of gravity networks.

Refer to Appendix A or the proposed drainage layout, proposed pavement build-ups and pavement layout for the Jersey Wharf site.

3. Maintenance Plan

The following schedules are based on CIRIA C753: The SuDS Manual maintenance strategies and are applicable to the Jersey Wharf site.

Sustainable drainage strategies employed on Jersey Wharf include:

1. Attenuation Tanks
2. Permeable Paving

Below are individual maintenance plans for each applied SuDs design proposal.

Reference should be made to scheme general arrangement drawing EYJW-RBG-ZZ-00-DR-C-860102 and EYJW-RBG-ZZ-00-DR-C-840102 contained within Appendix A.

3.1 Attenuation Tanks

Attenuation tanks are located on both plots, constructed using a modular crate system.

At Jersey Wharf the attenuation tank is situated near the downstream end of the surface water drainage network, within an open public space in front of Block A. The tank occupies an area of 141m^2.

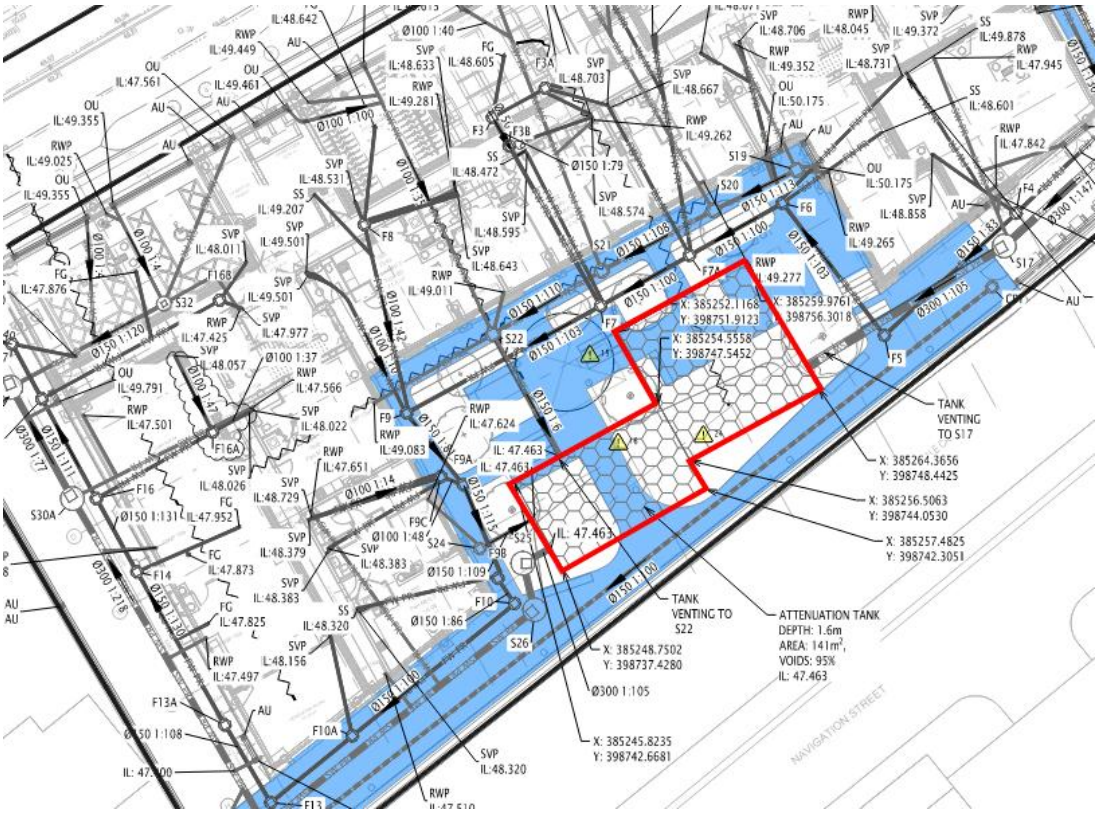


Figure 2: Attenuation Tank Location, Jersey Wharf

Attenuation tanks maintenance plan		
Regular maintenance	**Frequency**	**Responsibility**
Inspect and identify any areas that are not operating correctly. If required, take remedial action.	Monthly for 3 months, then annually	Site maintenance contractor.
Remove debris from the catchment surface (where it may cause risks to performance)	Monthly	Site maintenance contractor.
Remedial actions	**Frequency**	**Responsibility**
Repair/rehabilitate inlets, outlets, overflows and vents.	As required	Specialist maintenance contractor.
Monitoring	**Frequency**	**Responsibility**
Inspect/check all inlets, outlets, vents and overflows to ensure that they are in good condition and operating as designed.	Annually	Specialist maintenance contractor.
Survey inside of tank for sediment build-up and remove if necessary.	Every 5 years or as required.	Specialist maintenance contractor.

Table 1: Maintenance Plan for Attenuation Tanks

3.2 Permeable Paving

For Jersey Wharf, there is permeable paving located all over the external areas of the site in the open areas. Refer to Figure 3 below.



Figure 3: Permeable Paving Location (Light blue hatch), Jersey Wharf

Full details inclusive of location in relation to the whole development site can be found on the general arrangement drawing EYJW-RBG-ZZ-00-DR-C-860102 & EYJW-RBG-ZZ-00-DR-C-840102 and the permeable paving build up on EYJW-RBG-ZZ-XX-DR-C-840103, contained within Appendix A.

Permeable surfaces		
Regular maintenance	**Frequency**	**Responsibility**
Swept clean with a stiff broom. Sweep dead leaves.	Monthly for 3 months, then annually, or during Autumn or as required	Site maintenance contractor.
Hose with clean water. During warmer weather, salt should be hosed off to prevent damage.	Monthly for 3 months, then annually, warmer weather or as required.	Site maintenance contractor.
Mow grass edges to paving at 35-50mm and remove weeds.	As required	Site maintenance contractor.
Check outlets and control structures	Monthly depending on detail	Site maintenance contractor.
Jetting to remove dirt, grime, and moss	As required	Site maintenance contractor.
Remedial actions	**Frequency**	**Responsibility**
Small areas of damage can be repaired using the same blend as the surround surface	As required	Specialist maintenance contractor.
Monitoring	**Frequency**	**Responsibility**
Inspect/check all inlets, outlets to ensure that they are in good condition and operating as designed.	Annually	Specialist maintenance contractor.
Inspect chambers	Annually	Site maintenance contractor.
Inspect silt accumulation rates and establish appropriate brushing frequencies	Annually	Site maintenance contractor.

Table 2: Maintenance Plan for Permeable paving

4. Conclusion

This report highlights the SuDS maintenance plan for permeable paving and attenuation crates located on the development for Jersey Wharf. This meets the planning Condition 16.

As stated previously in Section 1, post-construction, verification reporting and photographic evidence will be undertaken by others. This report is solely intended for SuDS maintenance purposes, as outlined in the second bullet point. The SuDS are not being adopted by any public authority and will remain under private maintenance.

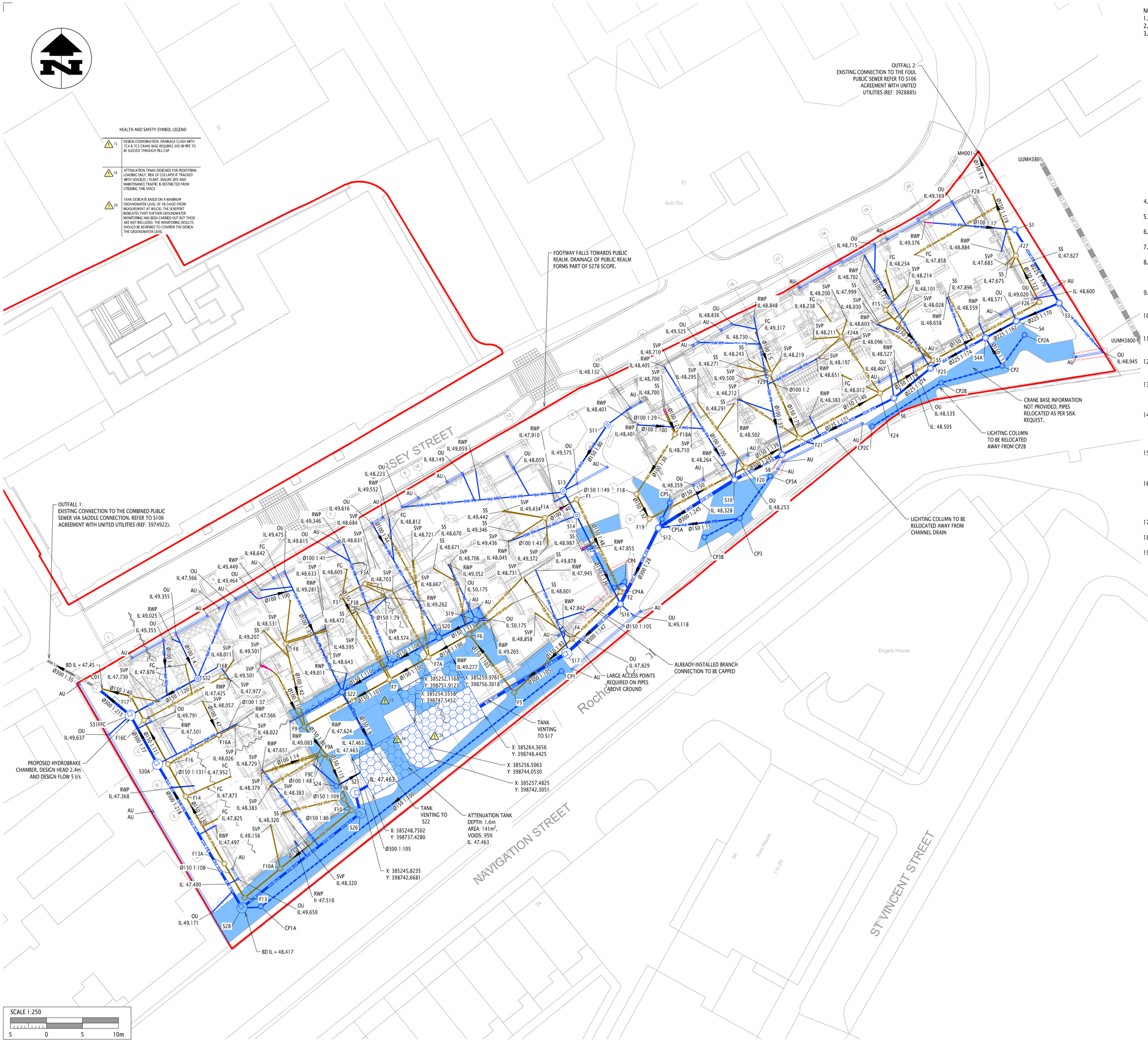
The maintenance schedule for each SuDS component follows the guidelines set out in CIRIA C753. This includes the Attenuation Tanks and Permeable Paving located on site. All maintenance will be carried out privately following construction.





Appendix A Proposed Drainage General Arrangement Drawing, Pavement Layout & Buildups

Jersey Wharf



NOTES:

1. DO NOT SCALE THIS DRAWING
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
3. DRAINAGE DESIGN AND DRAWINGS ARE BASED ON:
   - TOPOGRAPHICAL SURVEY: 9033-BA-XX-00-DR-A-(01)000-1, DATED AUGUST 20 BY BUTTRESS
   - EXISTING UTILITIES: CURTINS' STAGE 3 DRAWING NO JWA-CUR-XX-XX-DR-C-92500-P06, THIS DRAWING STATES THAT INDICATIVE LOCATION OF PUBLIC SEWER IS BASED ON TEAM DRAINAGE CCTV SURVEY UNDERTAKEN ON 12/03/2021,
   - CRANE COORDINATION SKETCH: BUILDING OVERLAY UTILITY MAPPING DRAINAGE AND CRANE LOCATIONS- 08042024 PD RECEIVED 24.04.30 FROM SISK
   - LANDSCAPE ARCHITECTS DRAWING: EYJW-GIL-EX-00-DR-L-900101 REV C02
   - ARCHITECTS DRAWINGS: EYJW-PRP-BA-00-DR-A-004101-C14 EYJW-PRP-BA-00-DR-A-004102-C12 EYJW-PRP-BB-00-DR-A-004119-C13 EYJW-PRP-BB-00-DR-A-004120-C10
   - M&E: EYJW-BA-00-DR-P-5200001_C01 RECEIVED 24.05.02 & EYJW-BB-00-DR-P-5200002_C02 RECEIVED 24.05.03
   - STRUCTURES: EYJW-RBG-BA-ZZ-M3-S-000001 & EYJW-RBG-BB-ZZ-M3-S-000001, RECEIVED ON 23.05.03
4. ALL SURFACE WATER BRANCHES TO BE 100 mm DIAMETER AND LAID AT 1 IN 80 UNLESS NOTED OTHERWISE.
5. ALL SURFACE WATER PIPES TO BE PVC-U UNLESS NOTED OTHERWISE
6. ALL FOUL WATER BRANCHES TO BE 100 mm DIAMETER AND LAID AT 1 IN 40 UNLESS NOTED OTHERWISE
7. ALL FOUL WATER PIPES TO BE PVC-U UNLESS NOTED OTHERWISE
8. THIS DRAWING IS TO BE READ CONJUNCTION WITH ALL RELEVANT DETAIL DRAWINGS, REFER TO DRAWINGS: EYJW-RBG-ZZ-XX-DR-C-860401, EYJW-RBG-ZZ-XX-DR-C-860402, EYJW-RBG-ZZ-XX-C-860403.
9. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE BELOW GROUND DRAINAGE SPECIFICATION: EYJW-RBG-ZZ-XX-TS-C-860100
10. ALL INTERNAL MANHOLE/CHAMBER COVERS TO BE RECESSED. ALL EXTERNAL MANHOLE COVERS WITHIN HIGHWAY TO BE SOLID.
11. REFER TO MANHOLE SCHEDULE (DRAWING NUMBER EYJW-RBG-ZZ-00-LS-C-860252) FOR MANHOLE/CHAMBER SIZE, LEVELS AND COVER DETAILS.
12. ANY INSPECTION CHAMBERS DEEPER THAN 1.2m TO HAVE RESTRICTED CLEAR OPENING OF 300x300mm. REFER TO MANHOLE SCHEDULE
13. LEVELS TO BE CONFIRMED BY CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS TO ENSURE CONNECTIVITY, ANY VARIANCE FROM THE INFORMATION SHOWN SHOULD BE REPORTED TO THE ENGINEER TO REVIEW.
14. WHERE EXISTING DRAINAGE IS BEING USED, ALLOWANCES SHOULD BE MADE TO REMEDIATE THIS DRAINAGE IN LINE WITH AVAILABLE CCTV SURVEY INFORMATION. IF NO SURVEY IS AVAILABLE, IT IS ADVISED TO OBTAIN ONE PRIOR TO COMMENCEMENT OF WORKS.
15. ALL EXISTING SERVICES TO BE LOCATED PRIOR TO COMMENCEMENT OF ANY DRAINAGE WORKS, AND WHERE NECESSARY PROTECTION OR DIVERSIONS TO BE UNDERTAKEN TO AVOID CONFLICT WITH THE PROPOSED WORK
16. OUTFALL CONNECTION(S) CONFIRMED WITH UNITED UTILITIES. REFER TO CURTINS' S106 APPLICATIONS REFERENCE 3974922 (OUTFALL 1, BLOCK A, 300 DIA COMBINED SEWER CONNECTION) & 3928885 (OUTFALL 2, BLOCK B, 150 DIA COMBINED SEWER CONNECTION)
17. THRESHOLD DRAINS TO BE SET OUT BY LANDSCAPE ARCHITECT.
18. LONG RADIUS BENDS TO BE USED FOR ALL CHANGES IN DIRECTION OF PIPEWORK.
19. REFER TO MEP DRAWINGS FOR SETTING OUT OF DRAINAGE POINTS.

LEGENDS:

- PROPOSED SURFACE WATER PIPE
- PROPOSED SURFACE WATER MANHOLE / INSPECTION CHAMBER
- AU OU PROPOSED SURFACE WATER CHANNEL DRAIN AND ACCESS/OUTLET UNITS
- PROPOSED SURFACE WATER PERFORATED PIPE
- PROPOSED SURFACE WATER DOWN POINT (RWP)
- PROPOSED FOUL WATER PIPE
- PROPOSED FOUL WATER MANHOLE / INSPECTION CHAMBER
- PROPOSED FOUL WATER GULLY (FG)
- PROPOSED SOIL VENT PIPE (SVP)
- OWNERSHIP BOUNDARY (TAKEN FROM EYJW-PRP-ZZ-00-DR-A-031001- PROPOSED SITE PLAN- BLOCK A B AND C DATED 01.02.24)
- PROPOSED ATTENUATION TANK
- EXISTING DRAINAGE TO BE ABANDONED
- PROPOSED INTERCEPTOR TRAP
- PROPOSED PERMEABLE PAVING
- BD IL = XX.XX EXTERNAL BACKDROP INVERT LEVEL
- PIPES TO BE CAST IN/SLEEVED
- EXISTING FOUL WATER MANHOLE / INSPECTION CHAMBER
- EXISTING COMBINED WATER MANHOLE / INSPECTION CHAMBER
- AS BUILT FOUL WATER PIPE
- AS BUILT COMBINED WATER PIPE
- AS BUILT SURFACE WATER PIPE

Rev	Revision Description	By	App	Date
C08	ISSUED FOR CONSTRUCTION	KC	AC	24/02/26
C07	ISSUED FOR CONSTRUCTION	BS	AC	21/01/26
C06	ISSUED FOR CONSTRUCTION	BS	CI	29/07/24
C05	ISSUED FOR CONSTRUCTION	BS	CI	28/06/24
C04	ISSUED FOR CONSTRUCTION	NB	CI	05/06/24
C03	ISSUED FOR CONSTRUCTION	NB	JG	29/05/24
C02	TANK AND MAIN RUN UPDATES	NB	JG	22/05/24
C01	ISSUED FOR CONSTRUCTION	NB	JG	17/05/24
P01	FOR INFORMATION	NB	JG	07/02/24

Disclaimer: Robert Bird Group Pty Ltd ACN 010 580 248 and its related entities (RBG) do not warrant the accuracy, currency or completeness of any information or data they supply or transfer by electronic means. You are responsible for verifying that any information or data supplied or transferred by electronic means matches the information or data on the corresponding PDF or DWF version issued by RBG. RBG will not be liable for any loss or damage you or any other party incurs as a result of acting in reliance on any information or data supplied or transferred by electronic means and you release RBG from any liability for any loss or damage however caused which you or any other party may directly or indirectly suffer in connection with your access to or use of that information or data.

RBG provides this information for the express purpose contemplated by the underlying terms of engagement for the project which must not be used for any other purpose. The information is not a contractual document. Unless otherwise agreed in writing by RBG, all intellectual property rights in any information supplied by RBG are owned by, or licensed to, RBG. RBG only provides you with a non-transferable, fully revocable licence to use the intellectual property rights for the express purpose.

DO NOT SCALE DRAWINGS, USE FIGURED DIMENSIONS REFER TO GENERAL NOTES UNLESS NOTED OTHERWISE

Structural, Civil & Construction Engineering Consultant

RobertBirdGroup
Member of the Surbana Jurong Group
LONDON OFFICE
Robert Bird & Partners Limited
Level 2, Harling House
47-51 Great Suffolk Street
Southwark
London SE1 0BS, ENGLAND
Ph: +44 (0) 20 7633 2880
Email: enquiries@robertbird.com.au
Web: www.robertbird.com
UK Co #447 2743

Client
JOHN SISK & SON LIMITED

Project
JERSEY WHARF (BLOCK A&B)
STAGE 4

Title
JERSEY WHARF
DRAINAGE LAYOUT, GROUND FLOOR

Date 02/24	**Drawn** N.BROWN
Scale at A1 1:250	**Designer** C.SANCHEZ
Suitability Code A5	**Design Checker** P.ANWYL
Job Number 5241	**Approved** J.GOLD

For Construction

Drawing Number	Revision
EYJW-RBG-ZZ-00-DR-C-860102	C08

REFER TO SCHEME C SECTION 278 WORKS PACKAGE FOR PAVEMENT LAYOUT AND DETAILS BETWEEN PROPOSED HIGHWAYS BOUNDARY AND EXISTING OWNERSHIP BOUNDARY .

REFER TO LANDSCAPE ARCHITECT'S DRAWINGS FOR STEP UNITS ARRANGEMENT AND DETAILS

JERSEY STREET

Rochdale Canal

NAVIGATION STREET

ST VINCENT STREET

Engels House

Avro House

Sub Sta

LEGENDS:

- PT1J: GRANITE PAVING
- PT4J: RESIN BOUND GRAVEL
- PT5J: TARMAC
- PT6J: TARMAC
- PT7J: GRANITE SETTS
- PT8J: CONCRETE TACTILE PAVING
- K2J: CONCRETE UPSTAND KERB (125mm)
- K4J: GRANITE FLUSH KERB
- E1J: STEEL EDGE
- OWNERSHIP BOUNDARY (TAKEN FROM EYJW-PRP-ZZ-00-DR-A-03100-PROPOSED SITE PLAN-BLOCK A B AND C DATED 01.02.24)
- PROPOSED HIGHWAYS BOUNDARY
- BUILDING
- PROPOSED SOFTWORKS (BY LANDSCAPE ARCHITECTS)

NOTES:

1. DO NOT SCALE THIS DRAWING
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PAVING SPECIFICATION EYJW-RBG-ZZ-XX-TS-C-840100, ELIZA YARD HARDSCAPE GENERAL ARRANGEMENT (EYJW-RBG-BC-00-DR-C-840101) & PAVING DETAILS (EYJW-RBG-ZZ-XX-DR-C-840103)
3. 5% CBR HAS BEEN ASSUMED, THIS IS TO BE CHECKED ON SITE AND REPORTED BACK TO THE ENGINEER IF THE CBR IS DIFFERENT.
4. LOCATIONS BASED ON LANDSCAPE ARCHITECTS DRAWING:
- EYJW-GIL-EX-00-DR-L-900101 REV C02
5. THIS DRAWING IS BASED ON THE FOLLOWING:
- ARCHITECT'S DRAWINGS:
  EYJW-PRP-BA-00-DR-A-004101-C14
  EYJW-PRP-BA-00-DR-A-004102-C12
  EYJW-PRP-BB-00-DR-A-004119-C13
  EYJW-PRP-BB-00-DR-A-004120-C10
- SURVEY & BOUNDARY: 9033-BA-XX-DR-A-(01)000-1, DATED AUGUST 20 BY BUTTRESS
6. SECTION 278 DESIGN IS TO BE DONE BY OTHERS.
7. FOR SOFT LANDSCAPING EXTENT AND EDGING PLANTERS REFER TO LANDSCAPE ARCHITECTS GENERAL ARRANGEMENT

SCALE 1:250

5 0 5 10m

Rev	Revision Description	By	App	Date
C02	ISSUED FOR CONSTRUCTION	KC	AC	24.02.26
C01	ISSUED FOR CONSTRUCTION	KH	JG	11.07.24
P01	FOR STAGE APPROVAL	NB	JG	16.02.24

Disclaimer: Robert Bird Group Pty Ltd ACN 010 580 248 and its related entities (RBG) do not warrant the accuracy, currency or completeness of any information or data they supply or transfer by electronic means. You are responsible for verifying that any information or data supplied or transferred by electronic means matches the information or data on the corresponding PDF or DWF version issued by RBG. RBG will not be liable for any loss or damage you or any other party incurs as a result of acting in reliance on any information or data supplied or transferred by electronic means and you release RBG from any liability for any loss or damage however caused which you or any other party may directly or indirectly suffer in connection with your access to or use of that information or data.

RBG provides this information for the express purpose contemplated by the underlying terms of engagement for the project which must not be used for any other purpose. The information is not a contractual document. Unless otherwise agreed in writing by RBG, all intellectual property rights in any information supplied by RBG are owned by, or licensed to, RBG. RBG only provides you with a non-transferable, fully revocable licence to use the intellectual property rights for the express purpose.

DO NOT SCALE DRAWINGS, USE FIGURED DIMENSIONS REFER TO GENERAL NOTES UNLESS NOTED OTHERWISE

Structural, Civil & Construction Engineering Consultant

RobertBirdGroup
Member of the Surbana Jurong Group

LONDON OFFICE
Robert Bird & Partners Limited
Level 2, Harling House
47-51 Great Suffolk Street
Southwark
London SE1 0BS, ENGLAND

Ph: +44 (0) 20 7633 2880
Email: enquiries@robertbird.com.au
Web: www.robertbird.com
UK Co #447 2743

Client
JOHN SISK & SON LIMITED

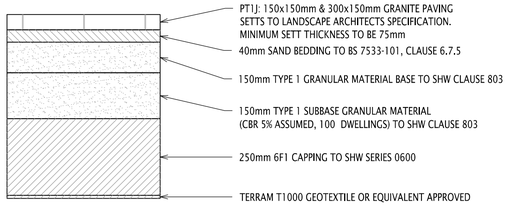
Project
ELIZA YARD AND JERSEY WHARF

Title
JERSEY WHARF HARDSCAPE GENERAL ARRANGEMENT

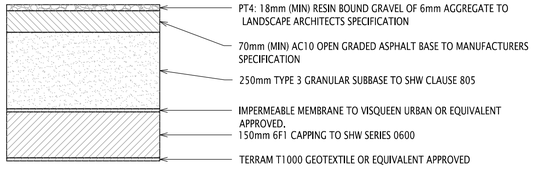
Date 02/24	**Drawn** N.BROWN
Scale at A1 1:250	**Designer** N.BROWN
Suitability Code A5	**Design Checker** P.ANWYL
Job Number 5241	**Approved** J.GOLD

FOR CONSTRUCTION

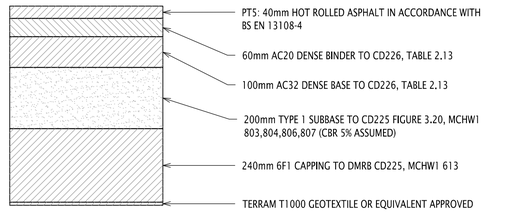
Drawing Number EYJW-RBG-ZZ-00-DR-C-840102 **Revision** C02



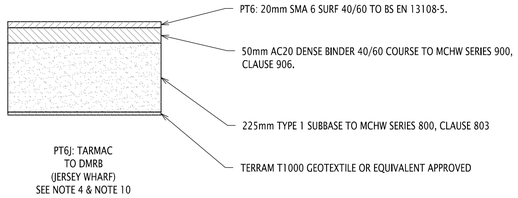
PT1J: GRANITE PAVING
LOAD CATEGORY 4, TO BS 7533-101:2021
(JERSEY WHARF)
SEE NOTE 6



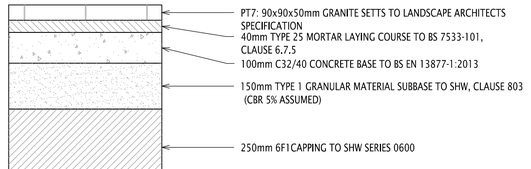
PT4J: RESIN BOUND GRAVEL
LOAD CATEGORY A/DOMESTIC TO BS 7533-13 & MANUFACTURERS RECOMMENDATIONS
SYSTEM C PERMEABLE PAVING
(JERSEY WHARF)
SEE NOTE 5



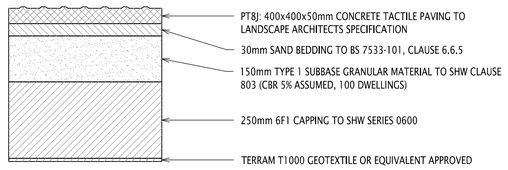
PT5J: TARMAC
SUBJECT TO VEHICULAR LOADING
TO DMRB
(JERSEY WHARF)
SEE NOTE 4



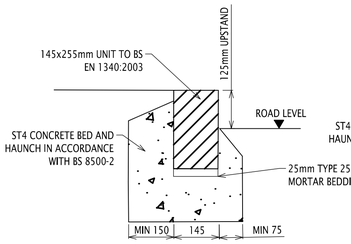
PT6J: TARMAC
TO DMRB
(JERSEY WHARF)
SEE NOTE 4 & NOTE 10



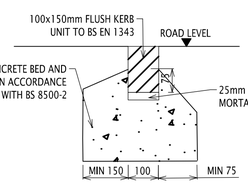
PT7J: GRANITE SETTS
LOAD CATEGORY 4, TO BS 7533-101:2021
(JERSEY WHARF)
SEE NOTE 6



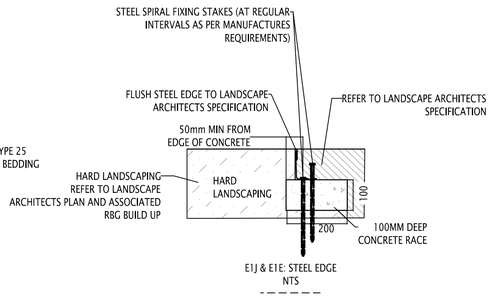
PT8J: CONCRETE TACTILE PAVING
LOAD CATEGORY 2 TO BS 7533-101:2021
(JERSEY WHARF)
SEE NOTE 7



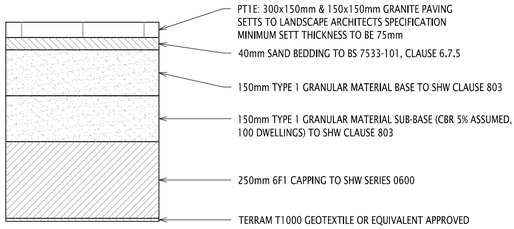
K2J: CONCRETE UPSTAND KERB
(125 mm)



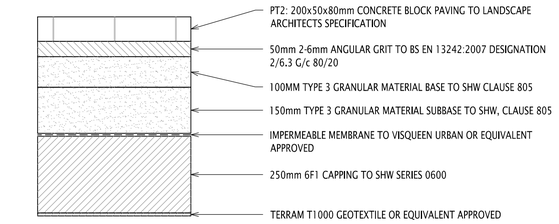
K4J: GRANITE FLUSH KERB
NTS



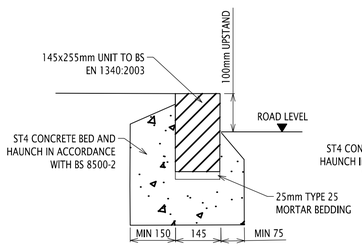
E1J & E1E: STEEL EDGE
NTS



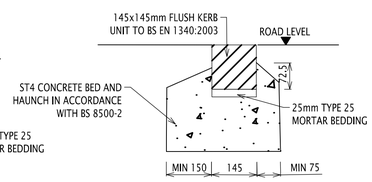
PT1E: GRANITE PAVING
LOAD CATEGORY 4, TO BS 7533-101:2021
(ELIZA YARD)
SEE NOTE 6



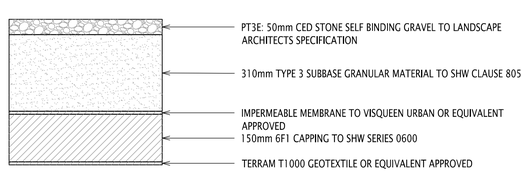
PT2E: CONCRETE BLOCK
LOADING CATEGORY A/DOMESTIC TO BS 7533-13
SYSTEM C PERMEABLE PAVING
(ELIZA YARD)
SEE NOTE 5



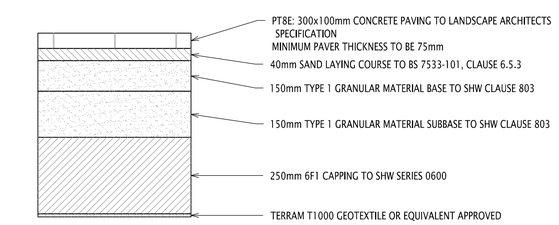
K1E: CONCRETE UPSTAND KERB
(100 mm)



K2E & K3E: CONCRETE FLUSH KERB



PT3E: SELF BINDING GRAVEL
LOAD CATEGORY A/DOMESTIC TO BS 7533-13
SYSTEM C PERMEABLE PAVING
(ELIZA YARD)
SEE NOTE 5



PT8E: CONCRETE PAVING
LOAD CATEGORY 4, TO BS 7533-101:2021
(ELIZA YARD)
SEE NOTE 6

TABLE 1
CBR DEPENDENT ON SUBBASE/CAPPING

CBR%	SUBBASE (mm)	CAPPING (mm)
2	150	600
2.5	150	450
3	150	350
4	150	300
5	150	250
10	150	180
15	150	0
30	150	0

NOTE: VALUES IN TABLE ASSUMING A CONSTRUCTION TRAFFIC OF 1000 STANDARD AXLES/100 DWELLINGS.
DEPTHS TAKEN FROM TABLE 17 IN BS 7533-101:2021.

TABLE 2
TOTAL CAPPING THICKNESS DEPENDENT ON CBR

CBR%	CAPPING (mm)
1	600
2	350
3	250
4	200
5	150*
8	150*
10	150*
15	150*

* DEPTHS TAKEN FROM TABLE 8 IN BS 7533-13
OTHER DEPTHS TAKEN FROM TABLE 10, IN BS 7533-13
NOTE: DEPTHS FOR PERMEABLE PAVING TYPE SYSTEM C ONLY.

SCALE 1:10
100 0 100 200 300 400 500mm

NOTES:
1. DO NOT SCALE THIS DRAWING
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PAVING SPECIFICATION EYJW-RBG-ZZ-XX-TS-C-840100, PAVING GENERAL ARRANGMENTS FOR ELIZA YARD (EYJW-RBG-BC-00-DR-C-840101) & JERSEY WHARF (EYJW-RBG-ZZ-00-DR-C-840102)
3. 5% CBR HAS BEEN ASSUMED, THIS IS TO BE CHECKED ON SITE AND REPORTED BACK TO THE ENGINEER IF THE CBR IS DIFFERENT. REFER TO TABLE 1 FOR DEPTHS. FOR PERMEABLE PAVING, REFER TO TABLE 2.
4. CLASS 2 FOUNDATION & A TRAFFIC LOAD OF 1MSA (MILLION STANDARD AXLES) HAS BEEN ASSUMED FOR ASPHALT BUILDUPS.
5. FOR PERMEABLE PAVING, LOAD CATEGORY A/DOMESTIC HAS BEEN ASSUMED TO BS 7533-13, DUE TO NO VEHICULAR LOADING PREDICTED.
6. LOAD CATEGORY 4 HAS BEEN ASSUMED DUE TO MEWP LOADING.
7. THERE IS NO ASSUMED VEHICULAR LOADING, LOAD CATEGORY 2 HAS BEEN ASSUMED TO BS 7533-101.
8. ALL S278 BUILDUPS ARE TO BE DESIGNED BY OTHERS.
9. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
10. WHERE BUILDUPS DO NOT MEET A 450mm DEPTH, ALL MATERIALS TO BE NON-FROST SUSCEPTIBLE.

Rev	Revision Description	By	App	Date
C03	ISSUED FOR CONSTRUCTION	KC	AC	24.02.26
C02	ISSUED FOR CONSTRUCTION	PA	CI	27/08/24
C01	ISSUED FOR CONSTRUCTION	KH	JG	11/07/24
P01	FOR INFORMATION	NB	JG	16/02/24

Disclaimer: Robert Bird Group Pty Ltd ACN 010 580 248 and its related entities (RBG) do not warrant the accuracy, currency or completeness of any information or data they supply or transfer by electronic means. You are responsible for verifying that any information or data supplied or transferred by electronic means matches the information or data on the corresponding PDF or DWF version issued by RBG. RBG will not be liable for any loss or damage you or any other party incurs as a result of acting in reliance on any information or data supplied or transferred by electronic means and you release RBG from any liability for any loss or damage however caused which you or any other party may directly or indirectly suffer in connection with your access to or use of that information or data.

RBG provides this information for the express purpose contemplated by the underlying terms of engagement for the project which must not be used for any other purpose. The information is not a contractual document. Unless otherwise agreed in writing by RBG, all intellectual property rights in any information supplied by RBG are owned by, or licensed to, RBG. RBG only provides you with a non-transferable, fully revocable licence to use the intellectual property rights for the express purpose.

DO NOT SCALE DRAWINGS, USE FIGURED DIMENSIONS
REFER TO GENERAL NOTES UNLESS NOTED OTHERWISE

Structural, Civil & Construction Engineering Consultant

RobertBirdGroup
Member of the Surbana Jurong Group

LONDON OFFICE
Robert Bird & Partners Limited
Level 2, Harling House
47-51 Great Suffolk Street
Southwark
London SE1 0BS, ENGLAND
Ph: +44 (0) 20 7633 2880
Email: enquiries@robertbird.com.au
Web: www.robertbird.com
UK Co. #447 2743

Client
JOHN SISK & SON LIMITED

Project
ELIZA YARD & JERSEY WHARF
(BLOCK A,B & C)
STAGE 4

Title
PAVING DETAILS

Date 02/24
Drawn N.BROWN
Scale at A1 1:10
Designer N.BROWN
Suitability Code A5
Design Checker P.ANWYL
Job Number 5241
Approved J.GOLD

For Construction

Drawing Number EYJW-RBG-ZZ-XX-DR-C-840103
Revision C03

Contact Details

Level 1 Harling House, 47-51 Great Suffolk Street
Southwark SE1 0BS
United Kingdom
Phone: +44 20 7633 2880
Email: Natasha.Brown@robertbird.com





The relentless pursuit of engineering excellence