



12 January 2023

Ethan Bonthron
Gravesend Borough Council
Civic Centre
Windmill Street
Gravesend
Kent
DA12 1AU

Dear Ethan

Application No: 20221174

KCC reference: GBC/2022/092961

EA referce: KT/2022/130262/01-L01

Location: Metropolitan Police Specialist Training Centre , Mark Lane, Gravesend, Kent DA12 2HN

For the attention of:

Ethan Bonthron, Gravesham Borough Council, Civic Centre.

Nicole Boakye, Flood Risk Project Officer.

David Sankar, Planning Advisor

Title:

To discharge condition 4 (SuDs) and replying the comments provided by:

- Nicole Boakye (date:29 November 2022) on behalf of KCC,
- David Sankar (date: 12 December 2022) on behalf of Environment Agency

We have provided the following details regarding Condition 4. Please see the following table.

Adkins Consultants Ltd

130 Ashford Road, Bearsted, Maidstone, Kent ME14 4AF
Tel: 01622 236 500 | Email: office@adkinsconsultants.com
Company No 7756597

Professionalism and Integrity in Construction

Item	Comments	Reply
1	A summary statement or covering letter giving an overview of the proposed sustainable drainage system.	Noted
2	For construction' drainage layout drawings, annotated with pipe numbers, manhole cover and invert levels and key drainage features (such as attenuation devices, flow controls, soakaway locations etc.). General arrangement drawings of key drainage features or structures should also be provided.	Please see the attached drawings as requested.
3	Information to support any key design inputs (e.g. brownfield run-off rate calculations, existing and proposed impermeable area plan)	Please see drawing 77443.02 100 P01
4	Network calculations and model details to demonstrate the drainage system's operation and performance for the critical duration 1 year, 30 year, 100 year +20% and 100 year +40% storm intensities.	Please see calculation package 77443.02 C1
5	Where there is any exceedance of the drainage network above the 30 year event, an exceedance plan should be provided illustrating where exceedance occurs and the extent and depth of flooding. Exceedance must be controlled within the site boundary.	Please see drawing 77443.02 100 P01
6	A description of the measures included within the drainage scheme to manage the quality of surface water runoff so that the receiving surface waters and / or groundwater are adequately protected against pollution.	Please see drawing 77443.02 100 P01
7	An approximate timetable for the implementation of the drainage system during construction of development.	Please see the appendix table at the end of the current letter. A construction programme gantt chart is attached for your information.
8	A description of the SuDS components associated with the proposed drainage system and the key features that affects their operational performance if not properly maintained. This should be accompanied with a drawing which shows the drainage arrangement.	Please see drawing 77443.02 101 P01

9	Details of the operation and maintenance activities associated with each of the SuDS. This should consider the frequency of inspections and the types of maintenance activities required on a regular, periodic or remedial basis.	Please see drawing 77443.02 101 P01
10	Details of who will undertake inspections and maintenance activities. This should include the arrangements for adoption by any public body or statutory undertaker, or any other arrangements to secure the operation of the sustainable drainage system throughout its lifetime.	Please see drawing 77443.02 101 P01
11	The Environmental Permitting (England and Wales) Regulations 2016 require a permit to be obtained for any activities which will take place: • on or within 8 metres of a main river (16 metres if tidal) • on or within 8 metres of a flood defence structure or culvert (16 metres if tidal) • on or within 16 metres of a sea defence • involving quarrying or excavation within 16 metres of any main river, flood defence (including a remote defence) or culvert • in a floodplain more than 8 metres from the riverbank, culvert or flood defence structure (16 metres if it's a tidal main river) and you don't already have planning permission.	The contractor has completed a survey and the distance is confirmed in the construction issue drawing, confirmed distance is more than 8 m. This is shown in the updated drawings.

Should you need any further information, please do not hesitate to contact us.

Yours sincerely

Dr. Mehrdad Bahari Mehrabani

BEng, MSc, PhD, MCIOB, CEng, MICE, MStructE

Technical Director

Chartered Structural & Civil Engineer

Flood/Coastal Defence Specialist (CIWEM)

Adkins Consultants Ltd.

Email: M.Mehrabani@AdkinsConsultants.com

Appendix 1:

A. Contact Information in case of further queries:

Name of Person Completing Form	Mehrdad Bahari
Company	Adkins Consultants
Phone Number	01622 236500
Email Address	M.Mehrabani@AdkinsConsultants.com
Date Form Completed	13/01/2023

B. Site Preferences

Proposal	New Training Centre
Site Name	Metropolitan police specialist training centre
Site Postcode/location	DA12 2HD
Planning Reference	20221174
Planning Authority	Gravesham Borough Council

C. Site Information

Proposed start date	October 2022
First occupation date	December 2023
Forecast completion date	October 2023

D. Maintenance Completed by

Contractor Name	Bouygues E&S UK
Address	Same as the site address
Phone Number	+44 (0)7769 138759
Email Address	mark.farrington@bouygues-es.co.uk

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