

# WELCOME!

Glasgow City Council intends to apply for planning permission to implement measures to manage flood risk within High Knightswood.



Members of the public are invited to find out more about the proposals and also provide feedback to inform the design process.

Please provide feedback to the team or contact us directly at: [Fraser.Blackwood@aeom.com](mailto:Fraser.Blackwood@aeom.com)



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# PROJECT BACKGROUND

The project is promoted to align with the Metropolitan Glasgow Strategic Drainage Partnership (MGSDP) objectives which aim to “transform how the city region thinks about and manages rainfall to end uncontrolled flooding and improve water quality... to better serve existing communities, unlock potential development sites and build greater resilience to long-term climate change”.

The project builds on previous work already carried out on the High Knightswood and Netherton Surface Water Management Plan (SWMP) and is being implemented to help deliver Scottish Government outcomes for sustainable flood risk management.

Public consultation was carried out as part of the SWMP. This project seeks to deliver the outcomes of that work and includes the delivery of specific physical intervention measures that you can comment on at this event.



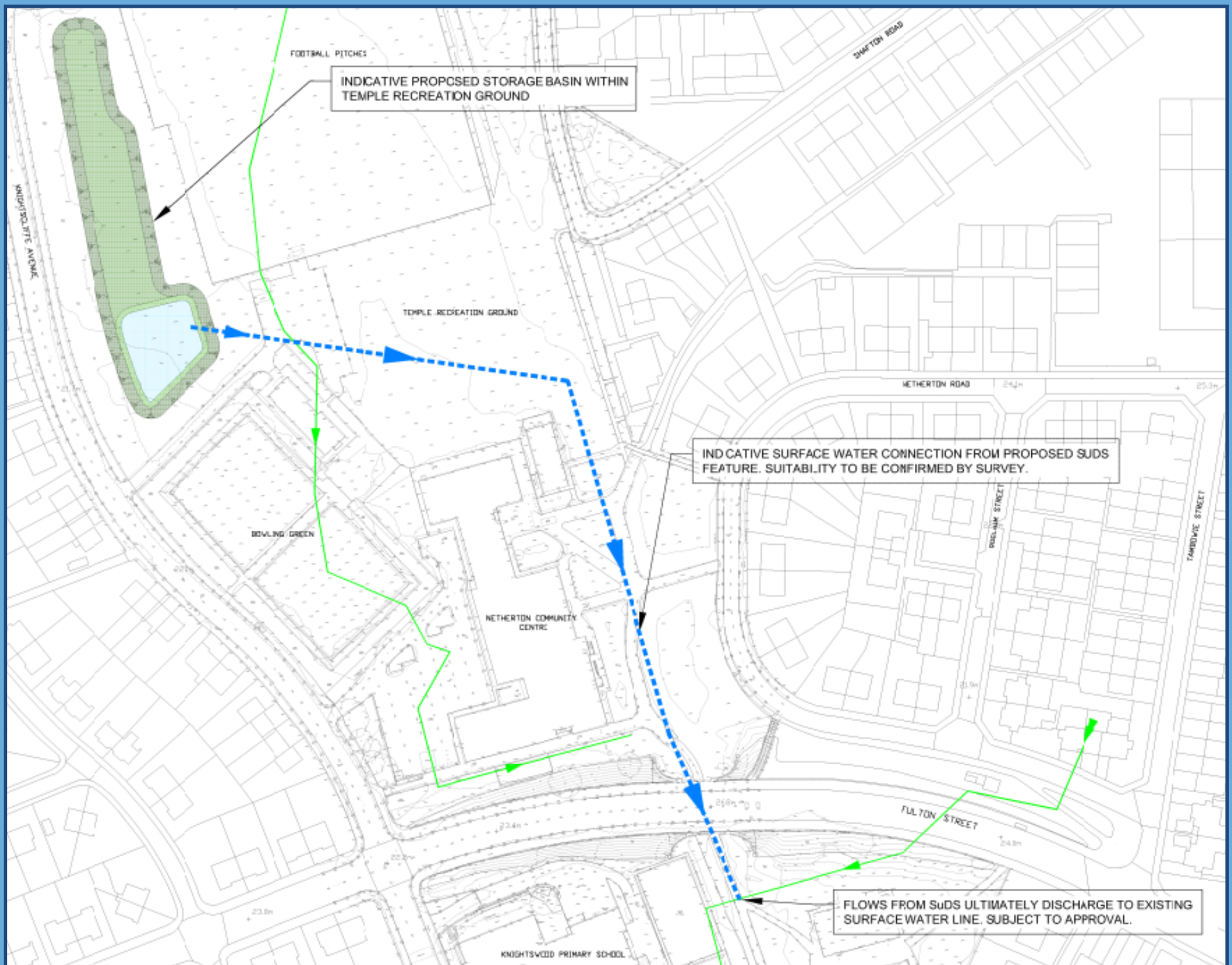
**MGSDP Principles**

# THE DEVELOPMENT

## What is being proposed in High Knightswood?

The proposed measures that are the subject of the forthcoming planning application consist of:

- New SuDS storage basin located within Temple Recreation Ground and associated landscape design and planting; and,
- New below ground pipework to direct surface water flows from the storage basin to existing GCC piping south of Fulton Street.



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# SITE SETTING

The application site covers an area of approximately 0.4ha. The majority of the site is located within the Temple Recreation Ground however some subsurface works extend beneath Fulton Street before connecting with existing pipework.



The remaining works consist of new underground pipework which will connect the storage basin with existing drainage infrastructure south of Fulton Street.



The main intervention associated with the project will be the introduction of a SuDS Basin at the Temple Recreation Ground, located to the west of the two fenced playing fields.



The new surface water drainage system will be routed to the south east of the basin, passing below the disused pitch north of the community centre and below ground at the Fulton Street underpass.



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# KEY FACTS ON SUDS

## SUSTAINABLE DRAINAGE SYSTEMS (SuDS)

SuDS are designed to mimic how rainwater would be managed if the city wasn't here. Until now almost all rain water in the city goes into the drains - SuDS have innovative designs that collect, store and treat overland flows, before releasing it slowly back into the environment.

## TYPES OF SuDS BEING CONSIDERED

### PONDS/WETLANDS

**Shallow man-made ponds which collect, store and treat rainwater.**

**GREAT FOR:** Storing water during heavy rain, purifying water & plants, supporting wildlife and creating an attractive place.

### BASINS

**Shallow excavations that are normally dry, that fill up in heavy rain.**

**GREAT FOR:** Storing water until a storm has passed as a play space during dry periods, attracting wildlife and protecting our rivers

## WHEN IT RAINS...

Most of the rain that falls on our roofs, pavements and roads runs into drains leading to watercourses or the sewer system. Our sewers, burns and rivers only have so much capacity and can fill up very quickly during intense or prolonged rainfall and storms, causing flooding and pollution.

## GLASGOW IS GROWING!

This means more land is taken up by human made surfaces like bricks and concrete that rainwater can't pass through. Putting more pressure on the capacity of our current drains.

## HOWEVER...

Rainwater falls on greenspace is soaked up by plants to fuel their growth or drains naturally through the ground.



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# NEXT STEPS

It is envisaged that a planning application for the proposed measures will be submitted to Glasgow City Council in Autumn 2019 and will comprise the following information:

- A Planning Policy Statement assessing the proposal against the provisions of Glasgow City Development Plan;
- The Policy Statement will contain a record of the Pre-Application Consultation (PAC) activity undertaken, demonstrating the engagement carried out with key stakeholders and how these have informed the design process; and,
- Supporting drawings and relevant environmental surveys.

Persons wishing to provide comments on the proposed development can do so by writing to AECOM at: [Fraser.Blackwood@aecom.com](mailto:Fraser.Blackwood@aecom.com);

or by post to: Fraser Blackwood, APEX 2, 97 Haymarket Terrace, Edinburgh, EH12 5HD no later than 4 September 2019.

**Comments made to AECOM are not representations to the Planning Authority.** When the planning application is submitted, an opportunity will be given for representations to be made to the Planning Authority.

