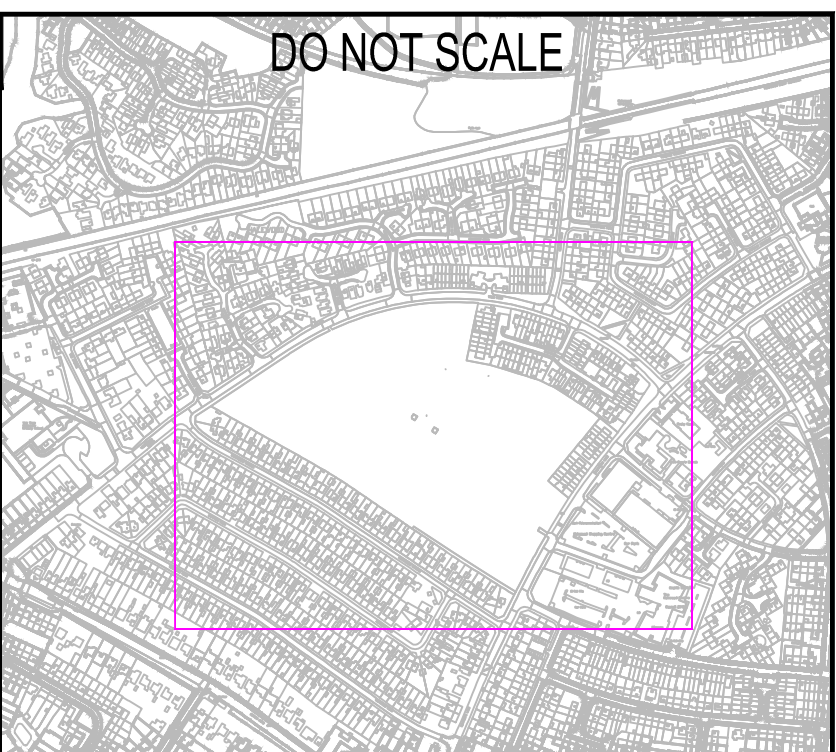




- ## NOTES
- This drawing is indicative and the proposed drainage strategy is subject to detailed design.
  - This drawing is not to be relied upon.
  - This drawing is to be read in conjunction with the 'Grace Park Flood Risk Assessment' (2017) and the following documents:  
70171917\_WSP\_HUDS\_RPD\_0001, and drawings  
70171917\_WSP\_HUDS\_RPD\_0002, and drawings  
70171917\_WSP\_HUDS\_RPD\_0003.
  - Drainage services are based on plans provided by statutory undertakers.
  - Information on some of the above services provided by level, was estimated on information provided by Utilities. Utility levels should be confirmed on call by the Appointed Contractor prior to construction work.
  - Information on location of Utility services was obtained from the Appointed Contractor and confirmed on call by the Appointed Contractor prior to construction work commencing.
  - New connections to the above services should be made at appropriate location for connection should be submitted to the relevant Utility for their approval prior to construction work commencing.
  - The Appointed Contractor shall comply with any special requirements relating to or required by statutory bodies during the progress of works including those identified in the conditions of contract.
  - All reasonable precautions must be taken to avoid damaging services and the Appointed Contractor shall ensure that any employment safety 'safe guarding' measures where necessary to protect the services affected are implemented.
  - Where required, services must be located by hand excavation prior to carrying out any work.
  - All pipe diameters refer to internal measurements (mm).
  - The allowable charge rate from the proposed Development to the Utilities surface water sewer is 10/s.
  - Provision of drainage arrangements for the temporary construction compound shall include the following:  
- provision of a separate and separate all site management and water quality control is the responsibility of Appointed Contractor. This discharge rate shall be 10/s to the compound to Pond 4 shall be limited to 20/s.
  - Geocellular infiltration for the compound and the Polypropylene geocellular sump or similar approved products.
  - New connections to the above services should be submitted to be suitable to suffice, subject to confirmation with Utilities. Sufficient storage should be provided for the compound.

- |                                                                                      |                                                                                  |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>KEY (PROPOSED)</b>                                                                |                                                                                  |
|   | PROPOSED CATCHPI                                                                 |
|   | PROPOSED CARRIER DRAIN                                                           |
|   | PROPOSED HEADWALL                                                                |
|   | PROPOSED ATTENTION<br>POND/DETENTION BASIN                                       |
|   | PROPOSED GEOCELLULAR ATTENUATION<br>TANK                                         |
|   | PROPOSED ATTENTION STORAGE IN<br>GRANULAR LAYER UNDER PROPOSED<br>SPORTS PITCHES |
|   | PROPOSED GREEN ROOF OR RAINWATER<br>HARVESTING                                   |
|   | PROPOSED CLASS 1/2 PAXS OIL<br>SEPARATOR                                         |
|  | PROPOSED FOUL MANHOLE                                                            |
|   | PROPOSED FOUL SEWER                                                              |
|   | RED LINE BOUNDARY                                                                |
|   | TEMPORARY CONSTRUCTION<br>COMPOUND BOUNDARY                                      |
| <b>KEY (EXISTING)</b>                                                                |                                                                                  |
|   | UNITED UTILITIES SURFACE WATER<br>MANHOLE                                        |
|   | UNITED UTILITIES SURFACE WATER<br>SEWER                                          |
|   | UNITED UTILITIES COMBINED SEWER<br>MANHOLE                                       |
|   | UNITED UTILITIES COMBINED SEWER                                                  |

- KEY (EXISTING)**
- |                                                                                     |                                 |
|-------------------------------------------------------------------------------------|---------------------------------|
|  | UNITED UTILITIES SURFACE WATER  |
|  | MANHOLE                         |
|  | UNITED UTILITIES SURFACE WATER  |
|  | SEWER                           |
|  | UNITED UTILITIES COMBINED SEWER |
|  | MANHOLE                         |
|  | UNITED UTILITIES COMBINED SEWER |
|  |                                 |

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| P01 | 18/12/2025 | TB | First Issue | ES  | SA  |
| REV | DATE       | BY | DESCRIPTION | CHK | APP |

DRAWING STATUS: S2 - FOR INFORMATION



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ARCHITECT: WSP

PROJECT: Halewood LUF

TITLE:

Grace Park  
Proposed Drainage Strategy General Arrangement

|                         |                 |                 |                        |
|-------------------------|-----------------|-----------------|------------------------|
| SCALE @ A1:<br>1:500    | CHECKED:<br>ES  | APPROVED:<br>SA |                        |
| PROJECT No:<br>70119719 | DESIGNED:<br>TB | DRAWN:<br>TB    | DATE:<br>December 2025 |

|                              |      |
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