



SITE ANALYSIS & CONTEXT

2.1 SITE ANALYSIS

EXISTING SITE

SITE LOCATION

The Academy is at the southern end of the LFC training ground site in the metropolitan borough of Knowsley. The most recent phase of significant development on site took place to the north, with the construction of the AXA Training Centre for the men's first team and U21 squads.

The Academy is accessed from the south via a driveway connecting to Arbour Lane. The existing car park layout is congested at peak times and additional car-parking has been explored as part of this project.

To the east and south of the site are industrial and commercial premises. To the west along Simonswood Lane are residential properties.



2.1 SITE ANALYSIS

EXISTING SITE

CONSTRAINTS

The principal site access points, parking locations and ground maintenance routes will remain as existing.

The family building and existing indoor arena are to remain.

The site area is limited and development will be phased, an artificial pitch must remain in use at all times and football continuity is essential.



2.1 SITE ANALYSIS

EXISTING CONDITIONS

SITE INVESTIGATIONS & SURVEYS

The development has been progressed using the site investigations and surveys as listed below:

- Tree Data and Tree Constraints Schedule
- Baseline Ecology Report
- Topographical and Existing Building survey produced in 2016/2017 followed by an up to date measured building survey carried out in September
- The Red Way Sustainability Guidelines

TOPOGRAPHY

A site topographical survey was undertaken in 2016/2017 showing the site has a maximum AOD of 39.5m in the north east, falling to a minimum AOD of 36.5m in the centre.

A significant topographical feature is the sunken existing show pitch with surrounding bank. The pitch is approximately 1.7 metres lower than the level of the existing academy building and surrounding hard landscaping. The site also has a topographical bund to the West, adjacent to Simonswood Lane and acting as privacy screening to the existing pitch.

FLOOD RISK AND DRAINAGE

The Academy site does not lie in a flood risk zone according to the Environment Agency's maps. There is a zone of flood risk 1 to the north of the site ownership area - by the AXA Training Centre.

The flood risk level of the site has been reviewed by Curtins prior to their drainage proposal and, in co-ordination with Planit, the landscape design proposal seeks to implement a series of swales within the site in order to assist with the drainage of the site and to avoid the build up of surface water from rainfall.

2.2 SITE ANALYSIS

BOUNDARY CONDITIONS

BOUNDARY CONTEXT

1. To the North East and South West of the site is under LFC ownership. The South West of the development site backs onto an area of fallow land owned by LFC whilst the north east adjoins the AXA training centre which is home to LFC first team and U21s.

2. To the North West of the site is Simonswood Lane. This leads to a residential area which has been considered during the design development in regard to visual impact and disturbance.

3. The entrance of the site adjoins a David Lloyd Gym and sports centre.

4. To the East of the site is a large industrial estate.

