

# New Fruit Market - Priory Park East, Hull



**Project:**

New Warehouse Units

**Location:**

Priory Park East, Hull

**Client:**

Ispace / Hull Fruit & Flower  
Traders Association

**Consulting Engineer:**

Alan Wood & Partners

**Architect:**

Dixon Dawson / Alan Wood &  
Partners

**Project Value:**

£2.8 million



**Description:**

Alan Wood & Partners were engaged to provide engineering services including foundations, superstructure, drainage and external works. Alan Wood & Partners were also instructed to carry out the post contract architectural works.

The new fruit market was constructed in three separate blocks, each comprising of four warehouse units. The foundations for each block are a reinforced concrete raft bearing on the soft clay overlying the very soft silts, this avoided using piled foundations bearing

on the chalk 20 meters below ground level. A gas barrier was also required under the slab due to methane presence within the substrate. The ground slab was also designed to support retro-fitted mezzanine floors, industrial refrigerators and freezers.

The superstructure consists of clear span portal frames, supporting composite cladding. Internal blockwork office and amenity blocks are situated in each unit with a roof to provide a flood refuge point within each warehouse unit.