

# O'Connor Sokolowski Partnership

Consulting Civil & Structural Engineers

OCSP



Garage



Structural Alterations and Infrastructure Works, including; Bus and Chassis Washes, Re-fuel Bays, Above New Bus Ground Diesel New Bus Garage Storage Tanks, Servicing Bays and Water Re-cycle Plant



New Rainwater Harvesting Tank



Infrastructure Works to the Rear of the Site

## BEDDINGTON LANE, CROYDON, SURREY, CR9

<b>Clients:</b>	<b>Go-Ahead Group Plc. &amp; Metrobus Ltd.</b>
<b>Contract Administrator:</b>	<b>Go-Ahead Group Plc.</b>
<b>Architect:</b>	<b>Go-Ahead Group Plc.</b>
<b>Planning Supervisor:</b>	<b>Go-Ahead Group Plc.</b>
<b>Civil &amp; Structural Engineer:</b>	<b>O'Connor Sokolowski Partnership LLP</b>
<b>Contractors:</b>	<b>A &amp; K Building &amp; Civil Engineering Ltd. &amp; Capital Shopfitting Services Ltd.</b>

Change of use of existing Warehouse Building to a New Bus Garage for 70 vehicles approx. The works involved the alteration, extension, refurbishment and fit-out of the existing warehouse, offices and associated accommodation. Extensive infra-structure and external works were also required, including; installation of new above ground fuel storage tanks, bus refill bays and bus and chassis washes. A Planning Condition required the installation of a new rainwater harvesting system to pump rainwater from the roof over the main building into the bus and chassis wash system. All surface water from the refill bays required separation. The bus and chassis washes are full water re-cycle systems. All excess outfall water from the bus and chassis washes required interception. All external finishes and levels were altered to allow for bus parking and the installation of new petrol interceptors to the front and rear of the site. All new drains had to be connected to the existing main drains located in conjunction with significant mains services and drains located beneath the front of the property. (Value: £2.5M approx.).