CORE | CIVIL SYSTEMS®

MARKET SECTOR: COMMERCIAL
CLIENT: COLCHESTER BOROUGH COUNCIL
MERCHANT: KEYLINE CIVILS SPECIALISTS
ARCHITECT: GT3 Architects

BREHENY CIVIL ENGINEERING
COLCHESTER SPORTS PARK

THE CONTRACTOR

Since its formation in the early '60s, Breheny Civil Engineering has remained a family-run firm that has grown to become one of the UK's most trusted contractors - specialising in highways improvements, earthworks, river and coastal projects, and major drainage schemes.

PROJECT OVERVIEW

Colchester Borough Council, working in partnership with Breheny Civil Engineering Ltd and RG Carter Construction, set out to deliver a brand new 76 acre sports centre - including a state of the art leisure centre, rugby clubhouse, numerous external sport pitch facilities, along with large scale onsite parking to cope with the high demand.

TOTAL AREA: 9380M²
5640m2 CORE COMMERCIAL | 3740m2 CORE GRASS

KEY REQUIREMENTS

The council needed to create accessible parking areas, which were fully DDA compliant.

Macadam access roads were installed, alongside our CORE COMMERCIAL porous pavers for the parking bays - our product was chosen to help reduce costs whilst also improving the overall aesthetic.

A green overflow carpark was also required, using our SuDS compliant CORE GRASS panels.

PRODUCT

CORE LP were chosen as a reliable UK manufacturer of high quality, hard wearing grass and gravel grids - with a proven track record on major developments across the UK and Europe over the last 15 years. These products help to soften the visual and environmental impact of large parking schemes in many commercial projects.

Grass and Gravel grids can be used to soften the visual impact of large scale parking areas - creating an interesting dynamic.

SOLUTION

CORE's market leading ground stabilisation systems were chosen to complement this high traffic sporting facility.

Our CORE COMMERCIAL gravel stabilisation grids are value engineered, yet incredibly hard wearing, with an industry leading load bearing capability - providing the aesthetics of a traditional gravel surface, with none of the pitfalls commonly associated with them.

CORE GRASS provided strong, sustainable overflow green parking areas, which blended in with the natural surroundings flawlessly.

SuDS COMPLIANT

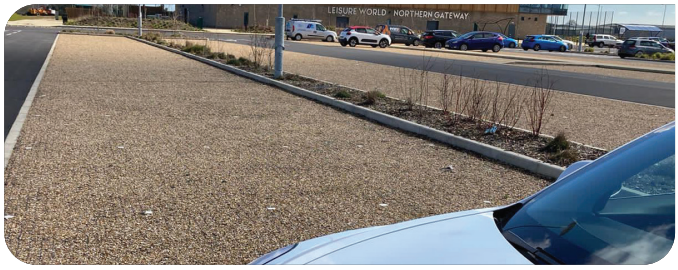
The system is fully porous which ensures that all rain-fall drains naturally into the ground beneath the system.

DDA COMPLIANT

The hard standing surface the grid provides makes the surface compliant for use of wheelchairs.

AESTHETIC APPEAL

Softening large scale parking areas with a mixture of materials (Macadam, Stabilised Grass, Stabilised Gravel) helped to provide a modern aesthetic appearance.



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