

ENGINEERING THAT WORKS FOR YOU

Development and Infrastructure- JDR Cables VLM Machine Warehouse

Contract	Value	Location
32 Weeks	£2.5m	Hartlepool

Client

JDR Cable Systems Ltd

Victoria Docks

Greenland Road

Hartlepool

TS24 0RQ

Engineer:

Vincent & Gorbing Ltd

Sterling Court

Norton Road

Stevenage

Herts, SG1 2JY



Project Description:

The initial works were to construct an extension to an existing manufacturing facility and comprised of a steel framed extension to an existing manufacturing unit to house a new vertical laying up machine (VLM) for the manufacture of undersea umbilical cable systems.

The building was approximately 28m by 36m by 25m high. Structural works comprised a significant Steel Portal Framed building with external profiled sheet steel cladding and the construction of reinforced concrete support structures and pits to support production machinery. The floor slab was constructed to suit areas of high production loading of 35kN/m².

The general ground construction consists of reinforced concrete structures supported by piling, the piling of which was designed by our specialist contractor to achieve up to 500kN working loads. There were minor structural alterations to openings for new doorways, along with sheeting and cladding work to the existing frames.

Drainage works included the surface water drainage diversion and connection to the existing storm water system. The works included installing associated services, fencing, car parking and hard landscaping.

Additional Works

The initial works were later expanded to include the construction of two reinforced concrete base carousels to house reel cable drums.

