

PROJECT REPORT

RIPLEY, DERBYSHIRE

SITE ADDRESS:- BUTTERLY ENGINEERING WORKS, RIPLEY, DERBYSHIRE

CLIENT: - MORRIS HOMES LTD

SUPERVISOR:- MORRIS HOMES LTD

CONTRACTOR:- MORRIS HOMES LTD

PRODUCT: - TIMBALOK

QUANTITY: - 520M²

CONSTRUCTION PERIOD:- 8 WEEKS



PROJECT:- THE CONSTRUCTION OF 146 No. 2,3,4 BED HOUSES, APARTMENTS AND AFFORDABLE HOUSES INCLUDING ALL THE ASSOCIATED WORKS.

Morris Homes required a solution to retain a bank some 6 metres in height to create car parking bays for apartments above and an aesthetically pleasing structure to look at for the houses below.

Our brief was to design a wall that was almost vertical, be able to accommodate the surcharge loadings from cars/small lorries, be able to withstand the wind loadings from a 2.4 meter high close boarded fence built into the top of the wall and to be able to have the face planted up in the future.

Our solution was to use our TIMBALOK retaining wall. The wall was designed to be built at a 6:1 batter which is only 9° off vertical and thus creating more space for the car parking bays at the top. We incorporated grow-bags within the structure to allow future planting and designed concrete fence post pad bases for the installation of a 2.4 meter high close boarded fence into the top of the wall.

The wall was completed on time and within budget and is just another example of the service, quality workmanship, value for money and problem solving from RPC Contracts
