

## CASE STUDY

### Bathgate Sports Centre



# Greenpiling

#### PROJECT OVERVIEW:

<b>Client:</b>	West Lothian Council
<b>Sub-contracted to:</b>	Graham Construction
<b>Engineer</b>	Curtins Consulting
<b>Sector:</b>	Commercial
<b>Value:</b>	£120k
<b>Description of Works:</b>	Installation of piles to form part of the foundations for a new sports centre.

#### TECHNICAL DETAILS:

<b>Type of Piling System:</b>	Steel Tubular
<b>Soil Conditions:</b>	Made Ground/Boulder Clay/Dense Sand and Sandstone/Basalt Bedrock
<b>Max Load kN:</b>	500kN
<b>Length of piles:</b>	Up to 15m
<b>Type of testing:</b>	Dynamic
<b>No of piles installed:</b>	294 No.
<b>Diameter of piles:</b>	170 and 244mm

Green Piling designed, supplied and installed reclaimed steel tubular piles for the piling works for West Lothian Council as part of the foundations for a new sports centre in Bathgate which is to incorporate a 25m pool, 10m teaching pool, changing facilities and new office accommodation.

Green Piling offered an alternative piling system than originally suggested due to the poor ground conditions, working closely with the engineer the alternative system was agreed and implemented.

