HY-TEN
GABION SOLUTIONS

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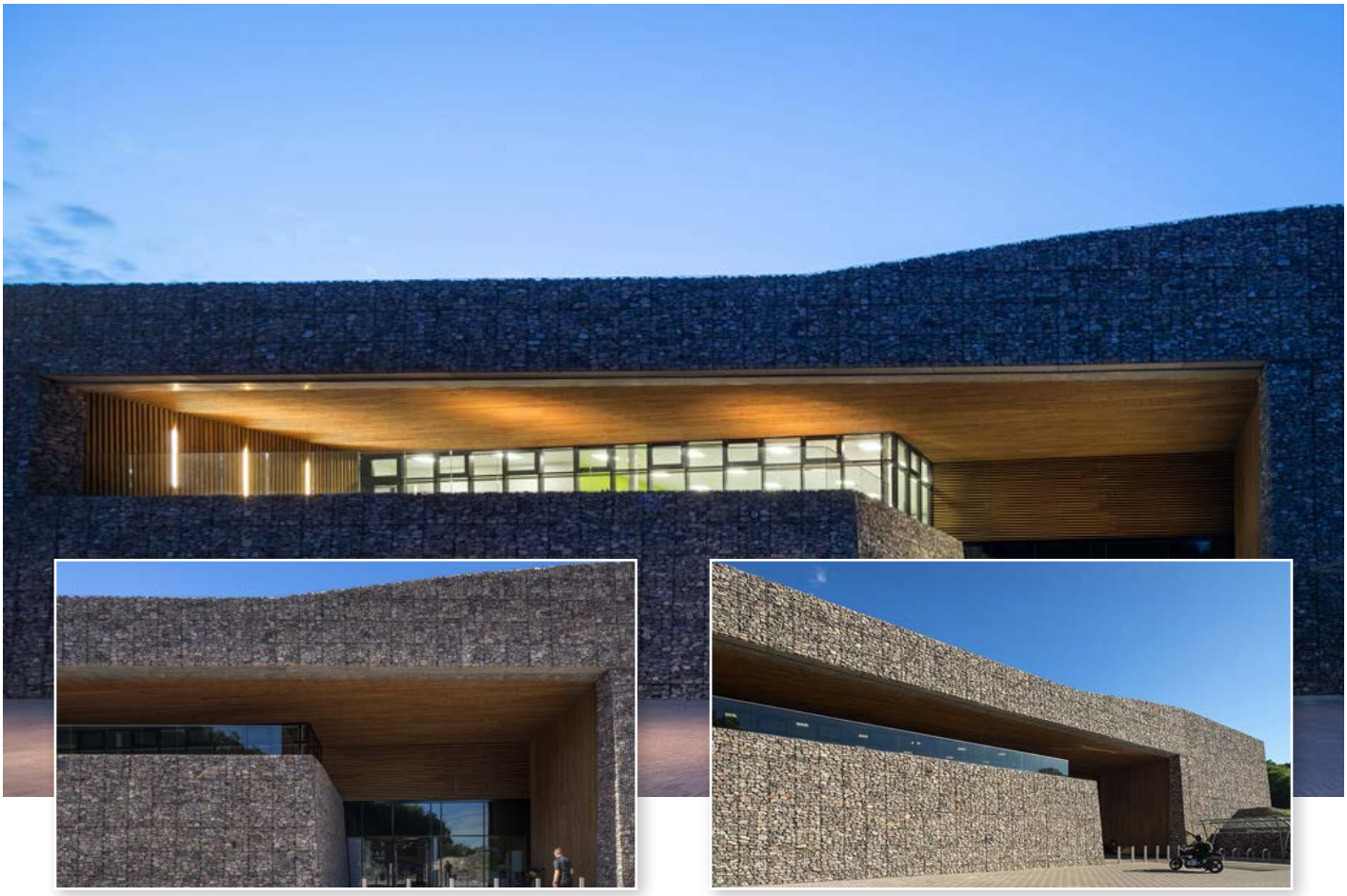
# CASE HISTORY: BLACK ROCK QUARRY TRAINING FACILITY

| | |
|---|---|
| CONTRACTOR: | Galliford Try / Miller Construction |
| GABION CONTRACTOR: | Phi Group |
| ARCHITECTS: | Haverstock Associates |
| DESIGN, MANUFACTURE & SUPPLY: | Hy-ten Gabion Solutions |



**Project Overview:** Avon and Somerset Police Headquarters specialist Training facility is set within a disused quarry with various ecological constraints, including a Falcon nesting area and in a SSI sensitive location. The building contains highly specialist spaces, such as two fire ranges and tactical training facilities. The exposed elevation of the building has been clad with the Trapezoidal gabions to enhance the appearance and encourage the perception of the building as an integrated part of the landscape.

Hy-ten designed and manufactured the gabion units using 76.2mm x 76.2mm mesh in 4.0mm wire diameter for the body of the unit and 5.0mm for the back panels. The trapezoidal gabions were of bespoke construction and designed to achieve the 4° inclination required on this project. The corner units are made in one piece for each course to provide high quality finish with minimal joints.

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The Building was designed with an irregular form, echoing the rugged landscape, which was further enhanced by the hand-placed stone in the gabions.

*"The design of the specialist training unit blends beautifully into the backdrop of a disused quarry, and the facilities within combine a state-of-the-art training environment with style and ergonomic efficiency"*
Shelley-Anne, Avon & Somerset Police.

This project was a winner in the RIBA southwest award 2016.

**If you would like Hy-Ten to design and supply gabions and land reinforcement products for you, please contact us on 01902 712200.**