



RAF St Mawgan JMCC, Cornwall

THE TASK

This large development within a rural environment required a EIA in its initial stages completed for the client before excavations and construction began. Our Landscape Architects and engineers worked closely together to design a scheme reducing the visual impact of the development on the surrounding countryside.

Due to the massive scale and duration of the project (5years) the prime objective of the landscape planning and design was the integration and protection of existing landscape features including woodland, hedgerows and water courses

The site area covered 5 Hectares (12.5 acres) with 190,000 cubic meters of excavated and backfill material.

The facility a to store reinforces concrete structure, constructed using cut and cover techniques, leaving only the entrance visible.

This buried structure incorporated 35,000 cubic meters of concrete reinforced with 4,500 tons of steel.

Landscape Design elements included

Boundary planting and woodland reinforcement, using species suitable for site exposed location.

Wetland conservation and enhancement of existing watercourse utilisation of sustainable drainage techniques by creation of new wetland habitat and ponds.

Wildflora seeding to fields disturbed during construction and low maintenance seed mixtures for sloping ground and areas near exposed structures.

New Cornish walls and stockproof fencing

Car Park, infrastructure construction and planting.

CLIENT

Ministry of Defence

PROJECT VALUE

£58m

SERVICES

- Environmental Impact Assessment
- Landscape Planning, Landscape Design,
- Project Management
- Civil Engineering
- Architecture

TYPE

Urban Environmental

COMPLETION DATE

1995

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Construction of new football and rugby pitch by utilising excavated material to obtain the necessary levels.

The success of the completed scheme is due to the careful handling, storage and compaction of backfill material. Sympathetic land contouring and extensive ground and surface water drainage design where employed to provide suitable conditions for the structure and the final vegetation reinstatement.



FURTHER DETAILS

Please contact

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