



Project Fact Sheet

GATE POST 4, DUBLIN AIRPORT



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Project: Gate Post 4, Dublin Airport
Value: €1.8M
Client: Dublin Airport Authority
Stage: Completed

FACTFILE

Gate Post 4 is a security facility at Dublin airport, its function is to screen all traffic (vehicular and pedestrian) passing between landside and airside from the Cargo Access Road and Bonded Road. The previous existing facility was comprised of a single building, with a single inbound and exit lane to the North and an inbound and exit lanes from the bonded road to the south.

SCOPE OF WORKS

Construction comprised 5 Phases of development, including civil and building works. Phases 3 and 4 include building works comprising the installation of a Temporary Modular Building, the demolition of the existing building and the installation of a Permanent Modular Building respectively. A forecourt canopy was installed above the new lanes 2 and 3 to the north. There was also work done to the existing approach roadway, whereby the road was widened with additional treatments.

The site remained secure at all times during construction and maintained access for all traffic passing through the Gate Post during the works. Existing M & E items were retained for re use (including automatic boom gates and x ray equipment, lighting, gates, canopy mirrors etc). 4 New automatic Boom gates and skirted booms were installed as part of Phase 2 works.



- The Modular Buildings were delivered as a turnkey solution, including fitout and M & E. Kitchen, Canteen, Locker Room and WC's were all fitted out to DAA Approval.
- All flooring is a PVC safety floor with R 12 slip resistance with welded coverings,
- Specific requirements for the glazing and glazed doors (8mm Safety glass) specified for blast and wind loadings.
- Roof - Single skin plastisol coated roof profile sheeting fixed to galvanized steel purlins set to achieve roof falls fixed to steelwork frames.
- Gutters- formed in galvanized pressed metal to falls with integrated outlets discharging into HDPE downpipes supported and located within the canopy supporting columns.
- Fall arrest system installed to canopy roof to allow access to all gutters for maintenance- Access to canopy from Gate Post roof
- Canopy type lighting – Layout of lights was arranged in rows over aisles outside of the truck body to minimise shadows caused by vehicles.
- All areas vulnerable to impact from oncoming traffic eg: automatic boom gates on inbound and exit lanes, external ASU inspection booth between lanes 2 and 3 etc were protected with bollards.



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