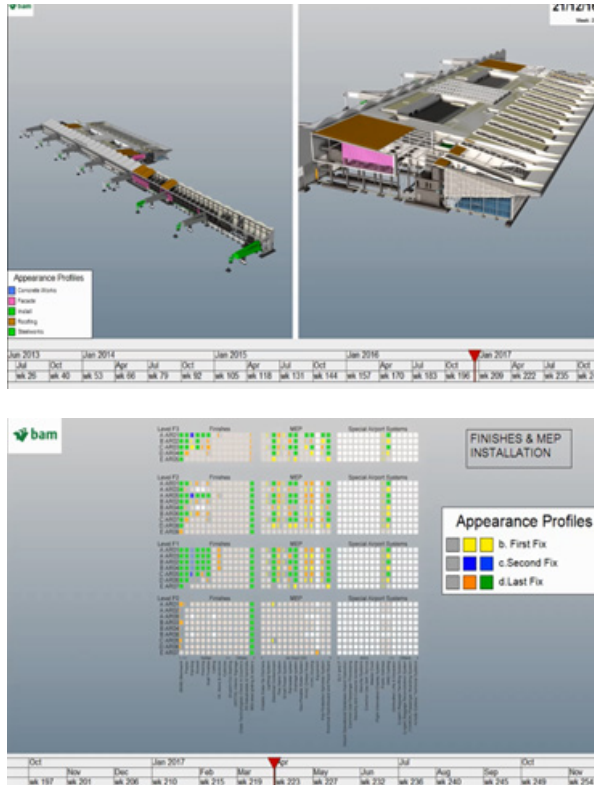


# JNIA Terminal 3, Dar es Salaam, Tanzania

Design and build of a new international airport terminal (phase 1 and 2)



**Client:**  
Tanzanian Airport Authority

**Contractor:**  
BAM

**Design team:**  
BAM / NACO

**Completion:** 2017

### Key Features:

- Full 3D coordinated multidisciplinary design
- 4D planning during construction

BAM was appointed to design and construct a new main terminal building at Tanzania Airport.

Designed to meet the needs of an anticipated 6 million passengers per annum, the new terminal 3 will be built in two phases and allow the existing terminal 2 to be used for domestic flights.

Phase 1 of the work comprises the construction of the main terminal building

including parking lots, access roads, platforms, and a taxiway. The design of the roof is inspired on the traditional sailing boats that can be found at the Dar es Salaam Coast together with NACO, Netherlands Airport Consultants.

The design, engineering and construction work is supported by our adoption of 3D and 4D BIM, across all technical disciplines. Our use of 4D planning has enabled the site team to analyse the construction schedule visually

and look for optimizations, while also allowing the client and engineer to easily follow progress and see the activities planned for the weeks ahead.