A Sports Facility for Clongriffin, Co Dublin

ARCH3001 TDS3 - Structural Design Project



Structural Systems:

In selecting a structural solution for the proposed Sports and Community Centre in Clongriffin several aspects must be considered. The site parameters and conditions, intended uses of the various areas, the availability of the structural elements locally if possible, speed and ease of construction and how the external envelope will connect back to the primary and second structure and the bearing of the loads imposed.

The Architect's intent is for a north, south Central Atrium with columns and rafters flanked by accommodation rooms and facilities east and west with a portal frame type structure spanning a medium sizes sports hall further to the





STRUCTURE ADD MCKENNA

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PRE Analysis TABLES.