FIRE SAFETY PLAN 2007 2011 BRUSSELS INTERNATIONAL TRADE MART

Due to the size and complexity of the building, agora, with professor FRANSSEN Jean-Marc (University of Liège - Mechanics of materials and Structures - Group Concrete and Timber Constructions, and Fire Resistance) will :

- Treat the problem of the fire safety in the building as an integrated problem rather than the juxtaposition of several separate items.
- Utilize a Fire Safety Engineering approach because of the impossibility to comply to all the prescriptive requirements foreseen for ordinary buildings.
- Involve the Authorities Having Jurisdiction (Fire Brigade) at the earliest stage in order to obtain their consent on the proposed methodology and on the basic hypotheses utilized.

Associated with University of Liège - Mechanics of materials and Structures - Group Concrete and Timber Constructions, and Fire Resistance.

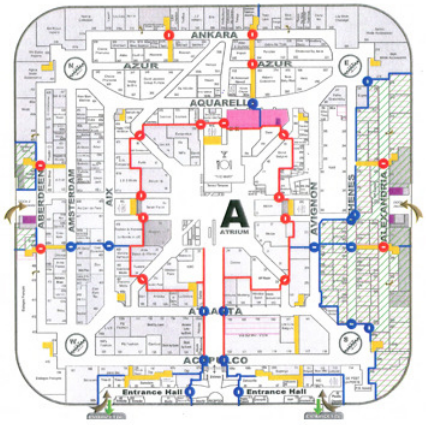
trade mart
BRUSSELS

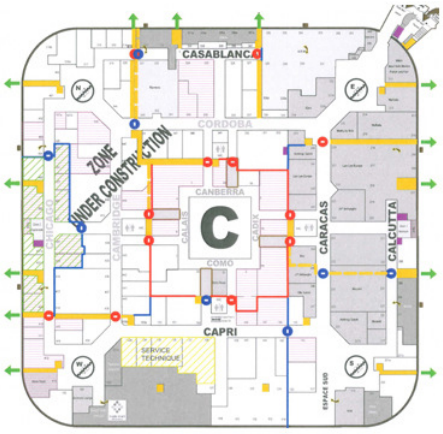
Brussels International Trade Mart would like to receive a proposal in 2 independent parts, as followed :

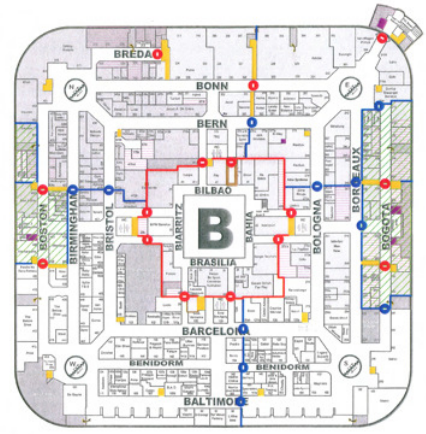
1. A study of the conformity of the Trade Mart building to the Belgian legislation, codes and standards applicable to the building, bearing in mind the actions and investments performed by the BITM after the previous report made by Agora.
2. An analysis of the fire resistance of the building structure in relation with the Brussels fire brigade report in which a sprinkler extinguishment system is required in the overall building within a five years period.

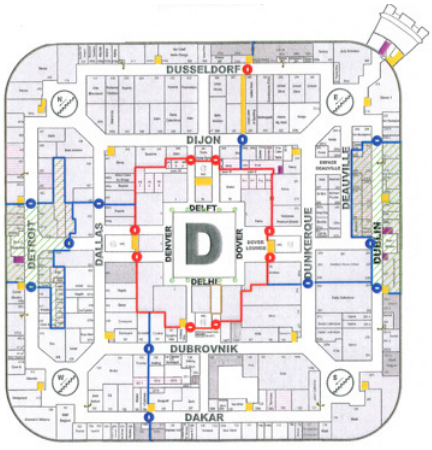
Life and fire safety in buildings can be divided into six (6) principal components:

- Fire Prevention
- Compartmentation
- Escape
- Fire resistance of structures
- Fire Alarm & Detection
- Extinguishment
- Emergency Response Plan.









Client: Brussels International Trade Mart
Study state: On going

planification
mobilité
environnement
espace public

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