The building on the site

The total programme area is 11053 square metres. In order to make the program more flexible I have combined a lot of spaces in order to use the space more efficiently. A big part of the programme is placed in open spaces that can be arranged and rearranged for different purposes depending on the needs and wishes of the people who use the community center.

There is also a relationship between the indoor sports activities and the park. The visitors can for instance play football during the summers, barbecue with their families or just borrow a book and buy some coffee from the café and sit on the benches in the park while they enjoy their coffee.

I have placed the building in a place where the existing hill comes down to meet the entrance level of the mosque and the sports hall. You can use the ramp to come up to the same level if you enter from the park. This helps to enhance the process of entrance into the mosque. The floor-to-roof height of the community center level is higher than the mosque in order to let in more sunlight into the building. The height is also dynamic in order to create spaces that are more private/public.

The cellular field from the interior building of the building is extended into the park to create the patches of grass and vegetation in the landscape. There are benches and smaller resting areas where pedestrians can sit down and recharge their batteries while they enjoy the landscape.

The community center basically helps to lift up the building so that it relates to the intense field of trees behind it, the bridge that connects S:W highway between Tensta and Flemingsberg and the height of the existing urban fabric.

Facade

The idea is to wrap the building in semi-reflective glass so that during the night it reflects its surroundings in order to give the facade a more dynamic appearance. During the day the interior will be projected and exposed onto the facade revealing the intricate details of the roof and the column forest.

Structural glass

The intention is to not have a glass facade that is cluttered by structural elements. I have therefore chosen to use the Pilkington Planar glass facade system that uses armored glass as the structure of the facade to give the illusion of a more transparent and coherent facade.

Pilkington Planar glass facade system
Apple Store 5th Avenue New York City USA

Detailed section | Scale 1:5

Exploded axo of the building

Section A-A | Scale 1:200

Detailed section | Scale 1:5

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