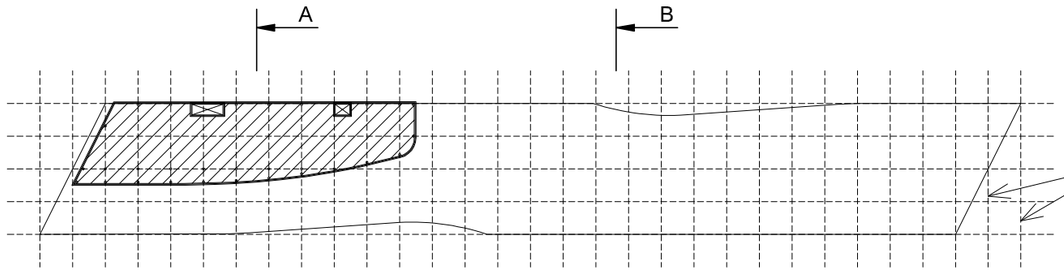
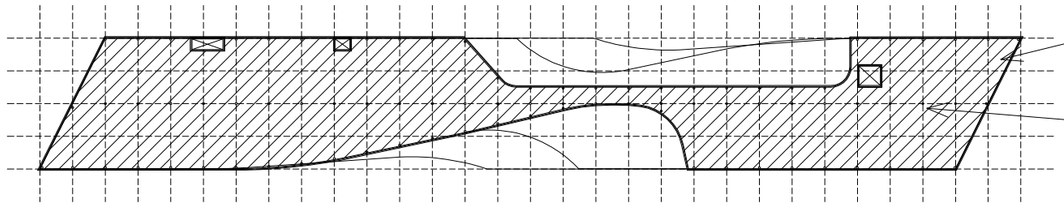
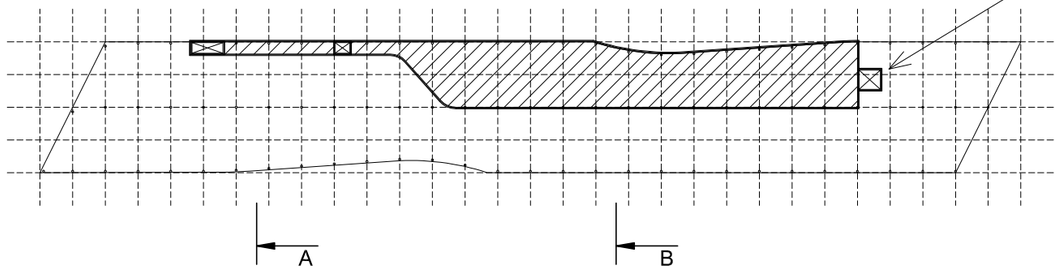
TERMINAL SLAB AT LEVEL 10.05



TERMINAL SLAB AT LEVEL 6.05



TERMINAL SLAB AT LEVEL 2.85



TERMINAL Structural system

The terminal building is made up form composite steel-reinforced concrete structure.

It is planned to install custom made steel frame along each building griline at equal 8m spacing.

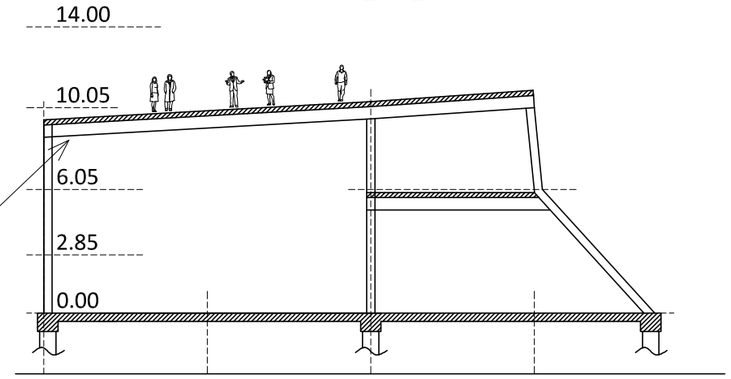
Steel frames are to follow architectural shape and act as an integrated support for facade/roof systems. Composite steel-reinforced concrete system to be used to minimize steel section dimensions.

Reinforced concrete slab to distribute loads to main building frames.

One row of columns to be installed in the middle of the building to allow for large voids for spectacular passenger experience of the terminal.

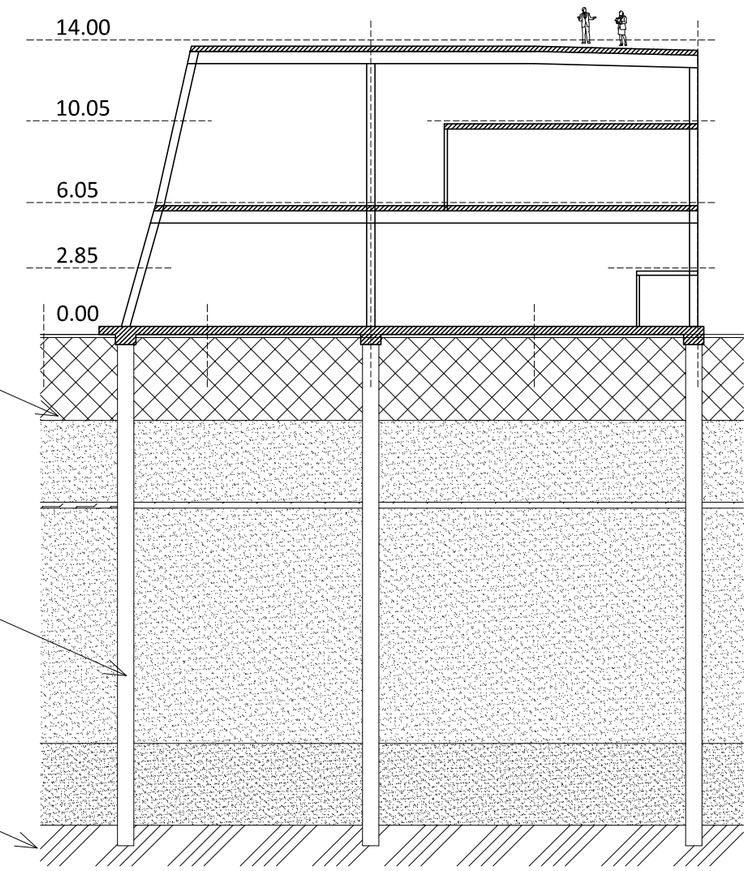
Staircases and elevators to be used as stiffness blocks for increased overall stability and to control horizontal deformations

B - B



Long span composite steel-reinforced concrete structure to follow roof and facade shape and to support pedestrian loads

A - A



Atrificial soil (backfill) lies directly below proposed buildings

Bored piles to be used to support high loads resulting from long span structures

According to geologic survey hard bedrock is located ~24m below ground level

HOTEL Structural system

The hotel building is made up form traditional reinforced concrete structure.

Wall fragments at equally spaced gridlines take the vertical loads from all building and bring them down to piles directly.

Staircases and elevators to be used as stiffness blocks for increased overall stability and to control horizontal deformations

Hotel building part with parking and amenities to be supported above vehicular circulation using comparable composite steel-composite concrete structure as in terminal part.

HOTEL TYPICAL LEVEL