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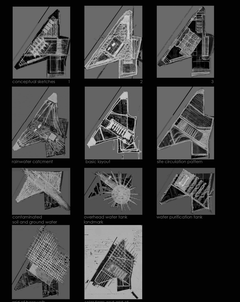

It is from such a stand point we propose the memorial as a water purification plant, which will remove the toxic water from all its toxic elements into pure water. To set these in order we propose to draw water from the site by means of a network of barrowells (big dress) and channelise them through a series of large water tanks, successively purifying it by stripping it of noxious elements from the contents. The grid also stands to extend further to tap such contaminated water beyond site boundaries.

considering ground zero as the highest level, these tanks are set into the ground progressively rising from the lower most drains to the highest level at ground zero, thus eventually encircling the pavilion at ground zero with a moat of pure water.

The experience of the site as one approaches the memorial is very compelling, bringing to mission the audacity of such large water pools, suggesting essentially that the water purification plant is the memorial for gas victims. It is in this metamorphosis from the contaminated to the pure that a poignant interpretation, that the memorial seeks its presence and continuance. The memorial in its inception is not a static manifestation of an architectural solution, but a dynamic process of suitably guiding the trajectory of the event. Conversely it seeks to annihilate the past and restrain, contemplate and move on.

The pavilion as it sits over ground zero, maintains a stoic silence bearing the footprint of the actual plant cut above the ground level as a frozen mass, symptomatic of a buried past in a mass of concrete, at its surface level, contrasting the dark tones of the tensile roof in white. It bears testimony with the loss of humanity, a cenotaph for all the gas victims. This pavilion sets ground/superficiem for showcasing social and cultural issues allowing engagement with the city. And at the same time it remains neutral and calm in its nature in absence of any activity, maintaining the serenity of its presence and purpose.

Contemplation of an industrial aesthetic

The typology/ proportions/color/ textured grain of the built language is a primary derivative of the industrial zone, and it acts as a determinant for the water ponds: the concrete panels forming the road and the walkways, the corridors and the pavilion seemingly overlooking the water ponds, the plant formed of the arrangement of the tanks, the stepped grass mound.

The two long retaining walls, lies above the water as continuation of tank slopes, constituting the trough which contains all the water ponds, with a large sloping grass mound at the entrance and the pavilion at the other higher end.

The long corridors along the retaining wall on the east structurally comprise of north light truss frames, housing administration functions, informal/ social spaces, collecting areas, and a cafeteria, with a small outdoor seating area. Free spaces underneath these frames are retained in their emptiness to add future possibilities as the need may be.

External Landscape:

The landscape landscape in the non buildable part of the site is in the form a grid network of 20 meters, with alternating nodes of trees and barrowells. These barrowells would continuously draw up the ground water and pump it to the plant for purification processes, while the trees help absorbing the toxic elements of the earth, thus reducing and purifying the same.

Kala Water Catchment Areas:

The far end corners of the site are converted into large rain-water catchment areas serving the drain from the landscaped open parts. This water would be further pumped back into the purification plant, supplementing the main supplies.

The water tank

As a symbol, as a landmark of the memorial, for the city of Bhopal.

Solar Farm:

The north-west portion of the site is visualised as a solar farm consisting of an array of photovoltaic panels, tapping the enormous resource of natural sunlight. The power thus generated could be used in operating the purification plant, making it self-sustainable in the long run, in terms of its energy consumption.

2-A1 PURIFICATION OF WATER AS MEMORIAL
Development of a Memorial Complex for Bhopal gas tragedy victims

1:200 SECTIONS

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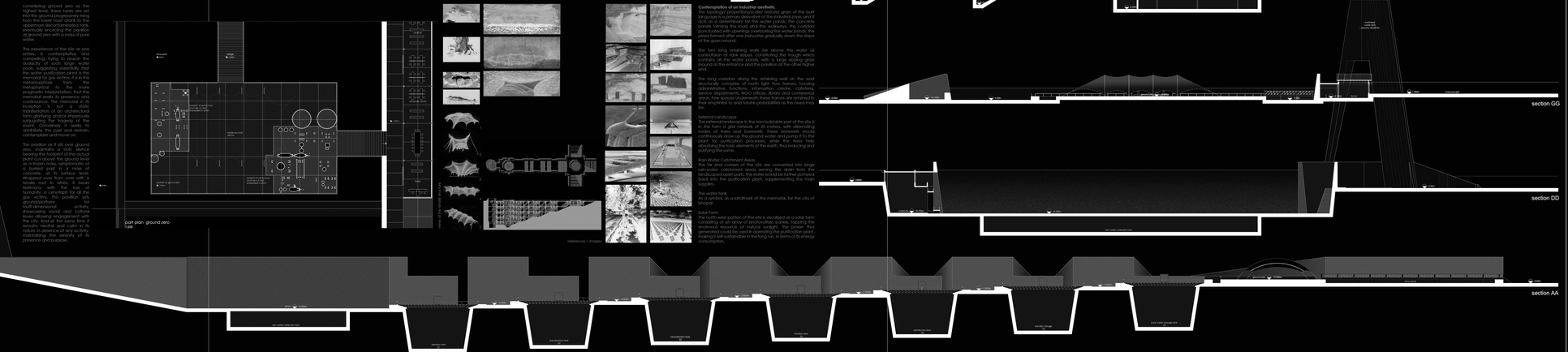

3-A1 PURIFICATION OF WATER AS MEMORIAL
Development of a Memorial Complex for Bhopal gas tragedy victims

1:200 SECTIONS

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4-A1 PURIFICATION OF WATER AS MEMORIAL
Development of a Memorial Complex for Bhopal gas tragedy victims

1:200 SECTIONS