



looking up from cooling tubes
in the Urban Iceberg Skyscraper



URBAN ICEBERG

SKYSCRAPER

Urban Iceberg acts a structural ventilation system that cools the air and releases it into the upper atmosphere. The city environment produces a large amount of heat which in turn impacts the atmosphere and the global climate. This structure will be built within the context of a populated city to counteract the heat island effects that cities produce. The lower portion of the skyscraper is the cooling device which becomes a chunk of ice and a spectacle for individuals. The hundreds of tubes filter air upwards through the ice and tiny fans within the tubes release the cool air high into the sky.

The cooling process begins within the larger hollow tubes nearer the street level. Chemical cooling agents filter through the tubes which produces an icy outer surface and builds overtime to a glacier or iceberg spatial environment.

After the air as been cooled, tiny fans within the tubes filter the air higher in elevation and into the dynamic smaller tubes that stretch into the atmosphere. The tubes will expand and change their direction depending on weather patterns, wind speeds, and specific cooling demands.

high in the atmosphere cool air is released



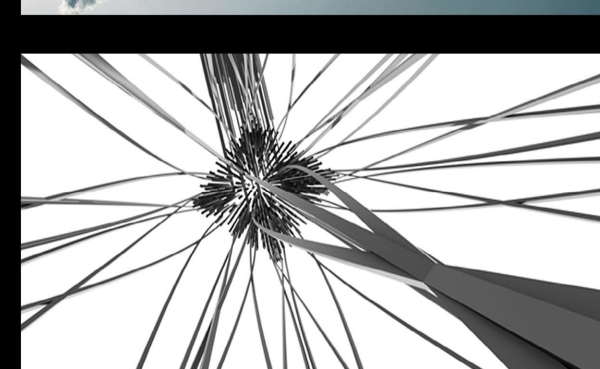
small tubes are bundled and spread with higher altitude



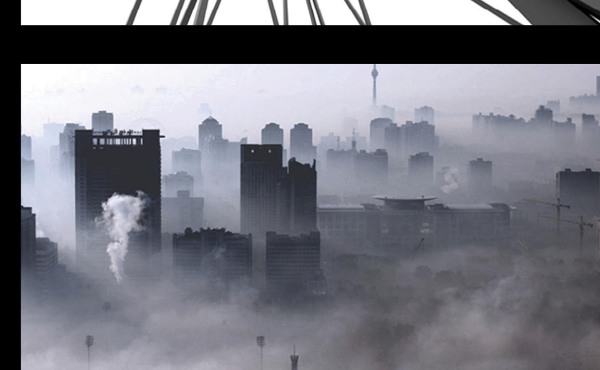
the cool air has the effect of fog or cloudlike forms



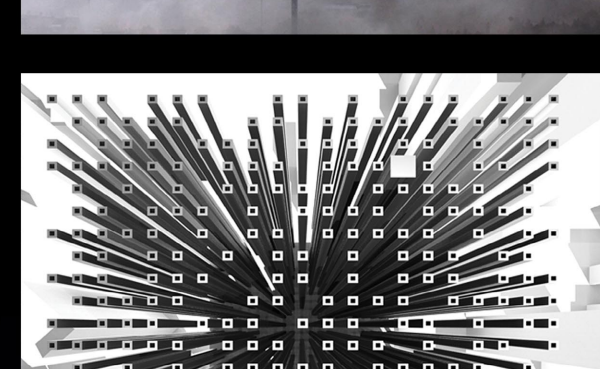
the dynamic tubes bloom much like a plant species



the iceberg mists at the upper and lower portions



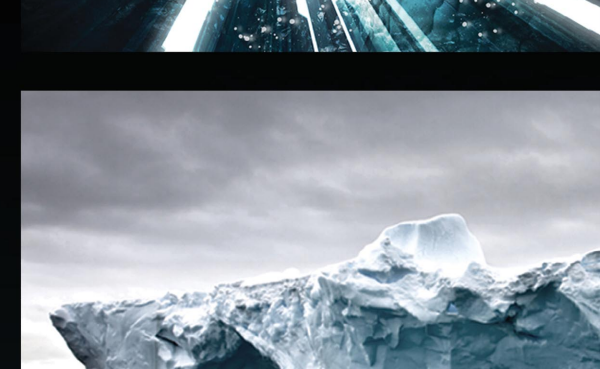
each tube is on a ten foot square grid layout



the interior ice forms on the tubes and grows outward



glacier formation and growth takes place in the winter



vertical circulation for breezes to ventilate through iceberg



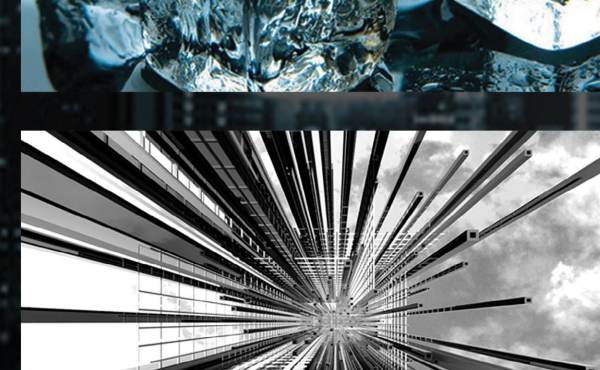
in the spring icicles form due to the exposure to rain



in summer near the street level ice melts and drips down



in the fall the tubes are exposed to less iceberg qualities



SPRING

SUMMER

WINTER

FALL

DYNAMIC

STATIC

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