

MCDELTA T CONCRETE PROJECT

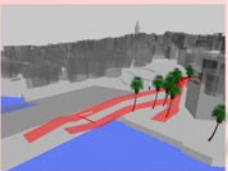
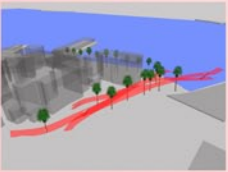


YEAR 2080...

NOW CARS ARE DRIVEN ON AIR, BUILDINGS CAN BE ENTERED AFTER FINGERPRINT OR CORNEA CONTROLS, FOODS ARE TAKEN AS TABLETS. THE POPULATION OF THE WORLD IS 30 BILLIONS AND THE POPULATION OF İSTANBUL IS 100 MILLIONS. KARAKÖY IS ONE OF THE ZONES THAT MOSTLY CHANGED IN İSTANBUL SINCE 80 YEARS. NEW MATERIALS HAS STARTED TO BE USED IN BUILDINGS AND OLD ONES HAS GAINED DIFFERENT CHARACTERISTICS. FOR INSTANCE, LIGHT-TRANSMITTING CONCRETE WAS DISCOVERED IN 2006-AS A HUGE REVALUTION, IS NOW

CONNECTION LINES

DESPITE OF THESE TRANSPARENT BUILDINGS ALL OVER THE CITY, THERE ARE ALSO SOME HISTORICAL BUILDINGS WHICH ARE CONSERVATED SUCH AS, TOPKAPI PALACE, HAGIA SOFIACHURCH, SINAN'S SÜLEYMANIYE MOSQUE, GALATA TOWER. OUR PROPOSAL ADMITS TO SEE ALL THESE VIEWS FROM DIFFERENT HEIGHTS AND POINTS. OUR PLACE IS STILL SITUATED ON THE TRANSMISSION ZONE AS IT WAS IN 2006. THE AIM IS TO ADD A STOP POINT WHICH ALSO ACTS AS CONNECTION LINE FROM THE CENTER OF KARAKÖY TO THE SEASHORE.



POST-OPACITY IS A RETURN OF THE CONCRETE TO ITS ESSENCE AND IS A COMBINATION OF ITS OPAQUE AND TRANSPARENT USAGES. IT IS USED IN A SYSTEM OF SUPERPOSED RAMPS WHICH ARE DIRECTED ACCORDING TO THE NOT ONLY 3 BUT ALSO FOUR 4D SPACES. CIRCULATION IS SUPPLIED BY THE CONNECTION OF RAMPS WITH STAIRS.



FROM GROUND TO SKY



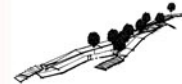
SUPERPOSED LAYERS CONNECTED WITH STAIRS



RAMPS WHICH HAVE EXTENSIONS TO THE SEA

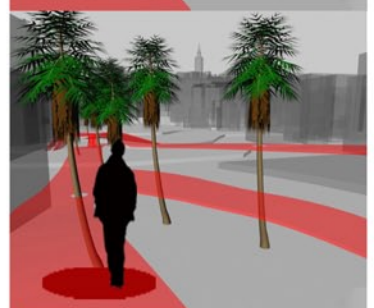
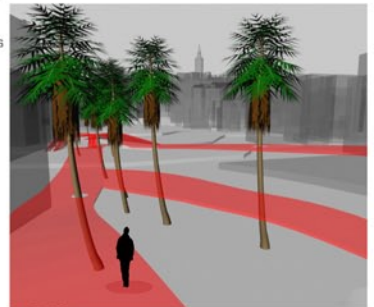
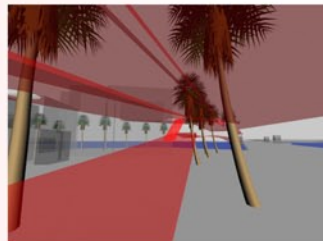
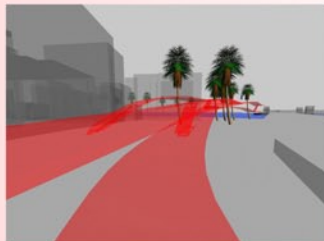
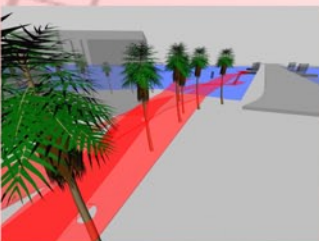


TREES FOR STRUCTURE AND AESTHETICAL VIEWS



CONCRETE AND PLASTICITY

MCDELTA T DEFINES THE WAY HOW THE OPACITY PROPERTY OF CONCRETE CHANGES BY THE MASS WHICH IS APPLIED TO A CERTAIN AREA OF SURFACE. IN FACT, IT IS THE HEAT FACTOR THAT MAKES THE CONCRETE SURFACE MORE OPAQUE WITH THE HELP OF MASS. WHEN SOMEONE WALKS ON THE RAMP, THE TRANSPARENT CONCRETE BECOMES OPAQUE, IN ADDITION, THE DEGREE OF OPAQUENESS INCREASES ACCORDING TO THE MASS AS A HUGE SCALE FROM WHITE TO BLACK.



0-20KG 20-40 40-60 40-80 100+KGKG