The machinist landscape


Document Version:
Early version, also known as pre-print

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Download date: 22. Jun. 2019
Between design and ground there are variances, deviations and gaps. These exist as a physical interstice between what is conceptualised and what is realised; and they reveal moments in the design process that resist the reconciliation of man and environment.

The Machinist Landscape maps out the significance of these variances, exploiting their potential and in doing so proposes that they can reveal the complexity of relationships between consumption and remediation, design and nature.

YEAR A

The two linoleum works presented here relate both to context and concept. Fresh Kills Park is an environmental disaster. Forced into the north west of the site, was established as a winter refreshment center for the workers of the local shipyard. A Provisional Theory of Non-Sites, Robert Smithson (1968)...

YEAR Z

The proposal extends beyond the current design city of the site. A year Z scenario where gas collection is complete and the landfill waste has deteriorated to a safe level. A grid of 'entropic grid', the under-storey of which hosts a carefully managed system of short rotation coppice (SRC). The coppice, a medieval technology, operates on theoretical and programmatic processes that resist the reconciliation of people and their environment. Fresh Kills Park, and in particular the draft master plan (2006), offers a framework to explore this landscape. The Machinist Landscape is the analysis of the landfill gas collection system, converted into a 'entropic grid'. Variance is revealed between this diagrammatic grid measure and that which has been constructed on the site. These variances between the abstract and the real allow the Machinist Landscape to posture space of enquiry. The space of difference between the intended and realised grid of energy production. Consumption, production and destruction of the site, stills operate on theoretical and programmatic processes. It is gathered along a structure of linear bunds, stabilized through coppice pole retaining structures and enriched with nutrients from coppice pole leaching. The proposal is a network of ecological, functional and social structures fabricated from the coppiced timber and the PV produced with graphene from coppice charcoal processes.

AN ENTROPIC GRID OF VARIANCE

By drawing a diagram, a grand plan of a house is created. The location of a lake, or a forest, or a town are the initial markings. A logical picture differs from a diagram when the line is junctions indicate that it 'really is'. Like the thing it stands for. 'A logical picture' differs from a diagram, for it has an alternative possible existence. A 'entropic grid' defines the spaces it creates. These exist as physical deviations between what is conceptualised and what is realized. It can reveal the complexity of relationships between consumption and remediation, design and nature.

Between design and ground there are variances, deviations and gaps. These exist as a physical interstice between what is conceptualised and what is realised. These exist in physical deviations between what is conceptualised and what is realised, and they reveal moments in the design process that resist the reconciliation of man and environment.