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E – Work

An architectural development directly linked to Tren Urbano for the
mobile worker

By

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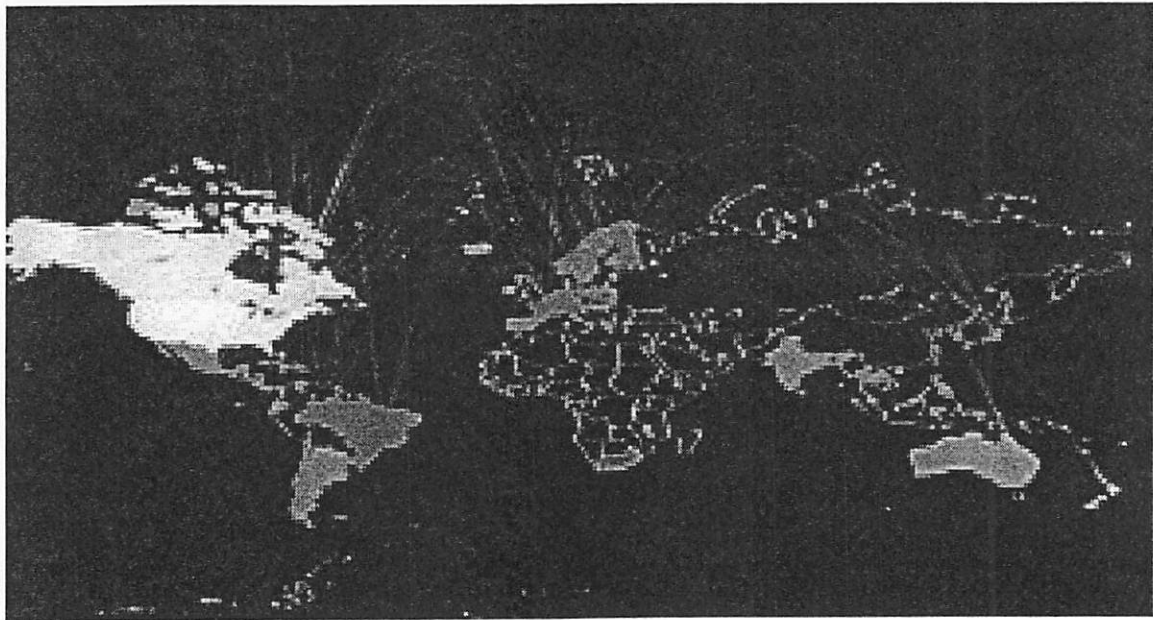
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I. INTRODUCTION:



"In the new millenium, firms need places where project teams composed of individuals from across town or across the world can convene on extremely short notice, work with ease and comfort, and leave abruptly when the project is over".¹

The *Tren Urbano* System gives us opportunities to create developments directly linked to train stations for Puerto Rico's next generation. This next generation is one related with information, virtual access and transportation.

At the present, there is a new worker emerging – one who has redefined traditional concepts. This is the mobile worker. The concept spans across all age groups, industries, and regions and is expected to represent the majority of the workforce in the near future.

Enabled and vastly accelerated by technology, and driven by imperatives for cost efficiency, flexibility, and responsiveness, work in the information sector is changing in every aspect. Affecting workers in myriad fields (sales, accounting, public service, government, financial services, data processing, media, law, cultural institutions – the list goes on and on), these well-documented transitions are having immediate impact on the

¹ Chaderon, Lisa. "Eighty-Sixing the Nine-to-Five". *Architecture Magazine* Dec 1999:93

structures of organizations, the makeup and skills of the workforce, and the formation of new kinds of workplaces.

II. PROBLEM:

To propose an appropriate structure or series of structures that will address the uprooting of place and the mobility of the worker.

To address the possibility of a network of places on transportation systems scattered around the globe forecasting the emergence of the mobile worker.

III. RESEARCH DESCRIPTION:

Perhaps this new social glue can be turned to our advantage. Maybe homes and workplaces, transportation systems, and the emerging digital telecommunications infrastructure can be reconnected and reorganized to create fresh urban relationships, processes, and patterns that have the social and cultural qualities we seek for the twenty-first century.²

Requisites of new construction. The new construction of offices... must accommodate the variety of spaces needed by; vertically integrated and team – based organizations. They need offices, intermixed with spaces for training; laboratories; workshops; showrooms; media studios; research and development; production...And to accommodate both global business hours and extended “normal” hours, people must have access to transportation systems, late-night food and a range of; off – hours amenity spaces and services...either in – building, or nearby and safe. Where land is available, the spatial mix and need for transportation and amenities can be provided in a master or campus plan...

III. OBJECTIVE:

The research is concentrated in developing an architectural program for the mobile worker that complement some Tren Urbano Stations.

² Mitchel, William. “E-topia”. 1999:7

IV. METHODOLOGY:

In order to accomplish the research objective, the research methodology consist on two phases:

A. First semester

- . Historical patterns of worker and worker spaces
- . Identify structures and kinds of places that involve virtual communications.
- . Study of spatial organization and location of the places that involve media spaces.
- . Selection of spaces to be incorporate on the architectural program.
- . Selection of station to be construction the first model
- . Make a cualitative and cuantitative program.

B. Second semester

- . Development of the architectonic concept
- . Preliminar architectonic design for the project
- . Preliminar models
- . Revised preliminar design project
- . Final design and model
- . Presentation

V. BENEFICIAL ASPECTS:

Here are mentioned the beneficial aspects of the realization of this project:

- . The realization of an architectural program to be implemented on differents stations.
- . Increased number of passengers
- . The development of place for the future puertorrican workers directly linked to the future transportation system
- . The possibility to attending puertorrican and global workers that communicated virtual and fisical

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