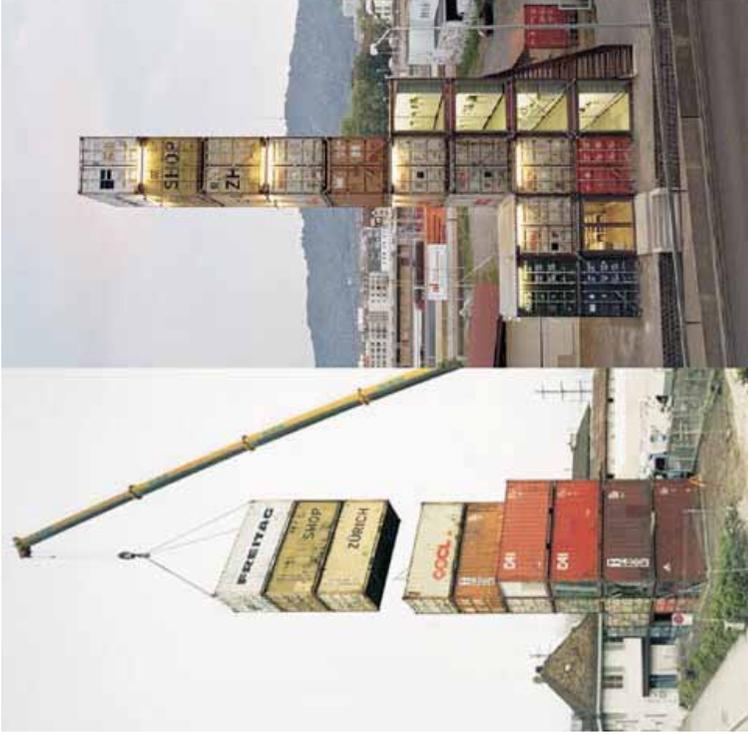
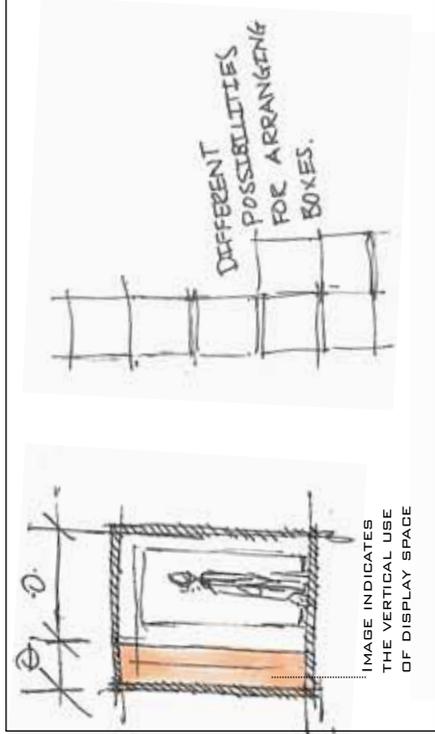


# FREITAG SHOP: ZURICH

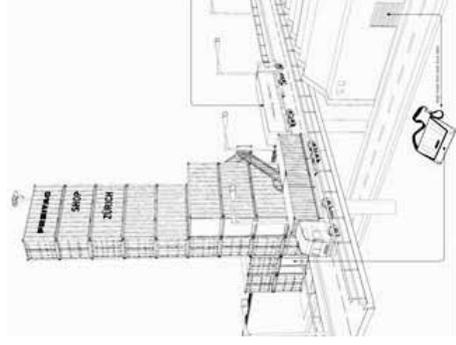
ANETTE SPILLMANN AND HARALD ECHSLE



1



2



3

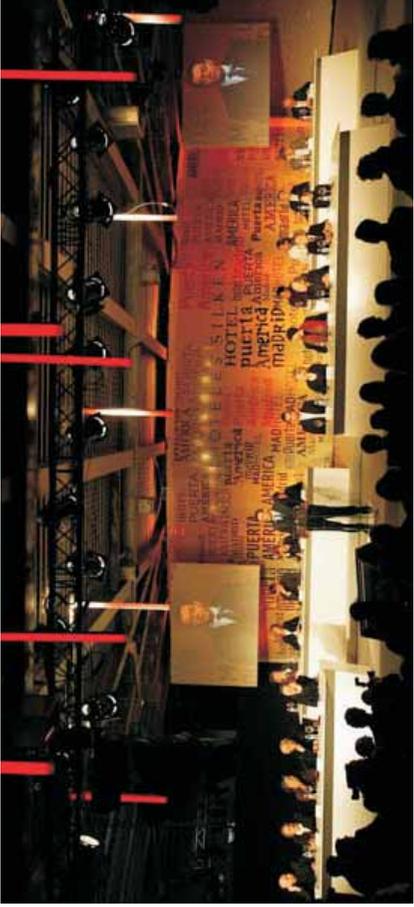
THE SHOP ACHIEVED THE UTILIZATION OF A SMALL SPACE FOR RETAIL USE. THE VERTICAL USE OF DISPLAY WILL HAVE TO BE USED WITHIN THE PROPOSED COMMERCIAL SHOPS TO UTILIZE THE SPACE OPTIMALLY.



4

# PUERTO AMERICA: MADRID

## VARIOUS DESIGNERS



1



2



3



4

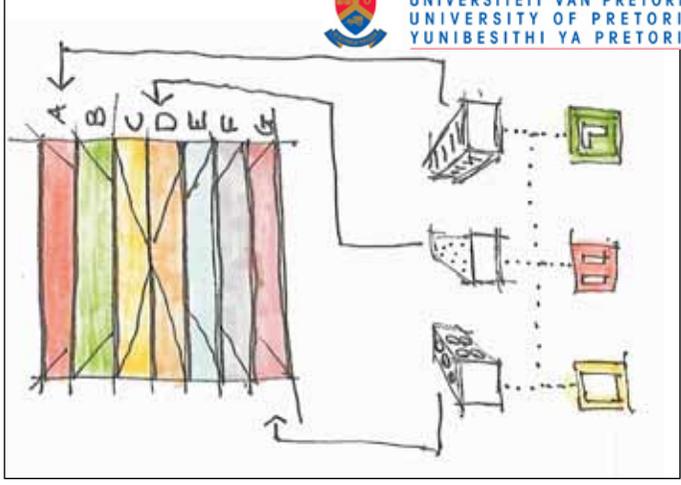


5



6

IN THIS HOTEL WELL KNOWN DESIGNERS WERE GIVEN THE TASK TO INDIVIDUALLY DESIGN ONE FLOOR OF THE HOTEL. THIS CONCEPT ILLUSTRATES THAT IN ONE SYSTEM IT IS POSSIBLE TO GET INPUT WITHIN A FRAMEWORK FROM DIFFERENT DESIGNERS. THIS APPROACH WAS TAKEN FOR INDIVIDUAL EXPRESSION WITHIN THE PROPOSED BUILDING SYSTEM, BY PROVIDING VARIOUS DESIGNS TO CHOOSE FROM.



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# M-CH HOUSE

LONDON- HORDEN CHERRY LEE ARCHITECTS



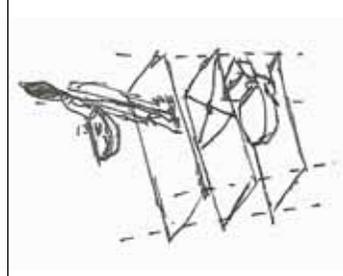
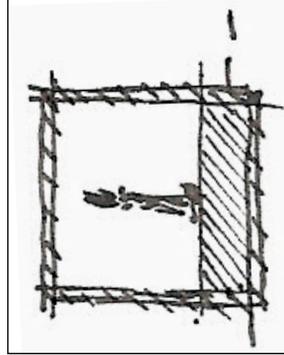
1

THE DESIGN BY HORDEN CHERRY LEE ARCHITECTS FOR A MICRO-COMPACT HOME (M-CH), DEVELOPED WITH MUNICH UNIVERSITY, IS A PROTOTYPE HOUSE DESIGNED FOR BRIEF STAYS, THAT INCORPORATES QUALITY AND HIGH TECH AND IS SUITABLE FOR INSTALLATION IN VERY DIFFERENT ENVIRONMENTAL CONDITIONS. THE ALUMINIUM CUBE (266 CM EACH SIDE), IS AUTONOMOUS, IN TERMS OF ENERGY AND IS READY FOR INTERNET CONNECTION. IT INCLUDES AN AUDIO SYSTEM, PLASMA SCREEN AND HAS NO NEED FOR FURNITURE: THE INTERIOR IS ORGANISED IN FUNCTIONAL LAYERS THAT CAN BE OVERLAID ACCORDING TO USE, INCLUDING A SMALL KITCHEN AND BED. THE M-CH HOUSE CAN BE STACKED VERTICALLY TO FORM A VILLAGE AROUND AN ALUMINIUM STRUCTURE EQUIPPED WITH STAIRS OR LIFT, OR PLACED HORIZONTALLY OR FOLLOWING THE SHAPE OF THE TERRAIN.

THE CONCEPT WAS FIRST TESTED IN A MOCK-UP, WHICH IS STILL ON DISPLAY AND IN USE AT THE UNIVERSITY INSTITUTE. CONSIDERATIONS ON CLUSTER ASSEMBLY OF THE SINGLE UNITS LED TO A FEASIBILITY STUDY FOR STUDENT HOUSING FUNDED BY THE BAVARIAN STATE.

ITS DESIGN HAS BEEN INFORMED BY THE CLASSIC SCALE AND ORDER OF A JAPANESE TEA-HOUSE, COMBINED WITH ADVANCED CONCEPTS AND TECHNOLOGIES. LIVING IN AN M-CH MEANS FOCUSING ON THE ESSENTIAL - LESS IS MORE. THE USE OF PROGRESSIVE MATERIALS COMPLEMENTS THE SLEEK DESIGN. QUALITY OF DESIGN, TOUCH AND USE ARE THE KEY OBJECTIVES FOR THE

THE M-CH HAS A TIMBER FRAME STRUCTURE WITH ANODISED ALUMINIUM EXTERNAL CLADDING, INSULATED WITH POLYURETHANE AND FITTED WITH ALUMINIUM FRAME DOUBLE GLAZED WINDOWS AND FRONT DOOR WITH SECURITY DOUBLE LOCK; GRAPHICS CAN BE APPLIED FOR SPONSORS, EXHIBITION AND BUSINESS USE. (POLI, 2006:12)





1



2

ABOVE: M-CH UNITS WITH THE CORPORATE SPONSOR'S LOGO ON THE FACADES.

LEFT: M-CH MEASURES 266 CM X 266 CM X 266 CM. THE CEILING HEIGHT IS 198 CM AND THE DOOR WIDTH IS 60 CM.



3

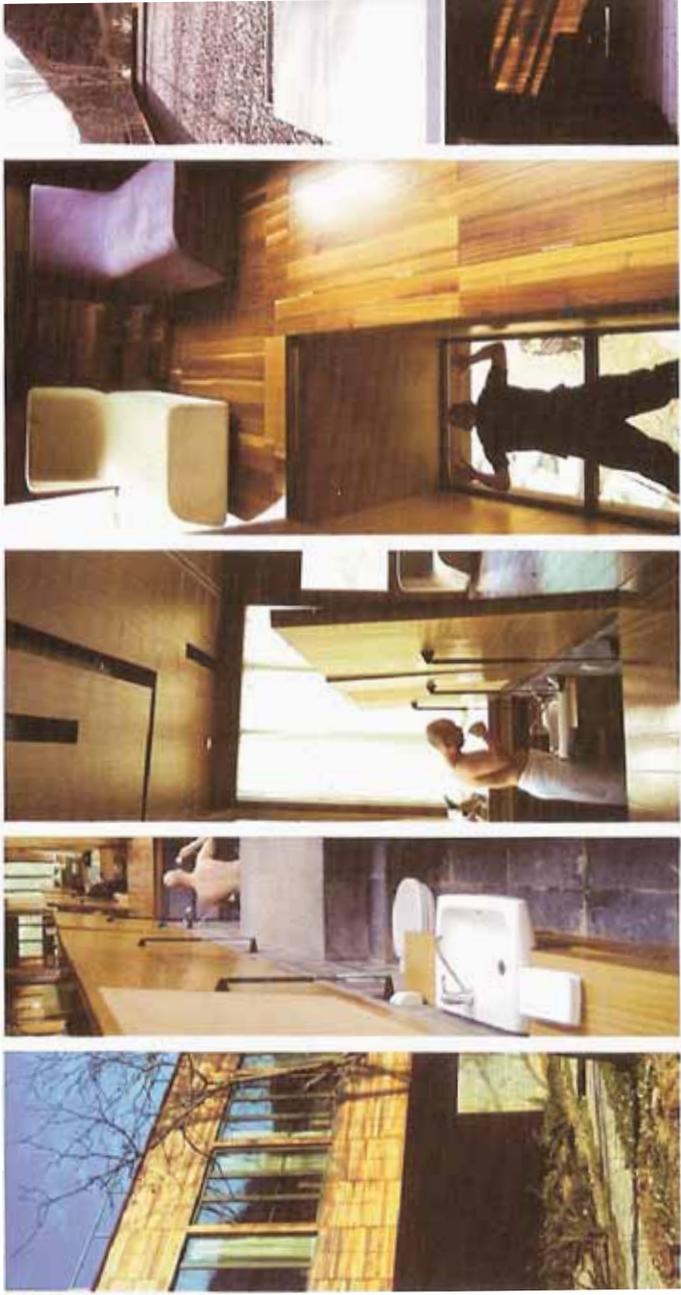


4

ABOVE: SHOWING THE POSSIBILITY OF STACKING THE UNITS AROUND AN ALUMINIUM FRAME.  
LEFT: INTERIOR VIEW INSIDE THE M-CH SHOWING THE FINE USE OF SPACE.

# SUITCASE HOUSE HOTEL

## EDGE ARCHITECTS

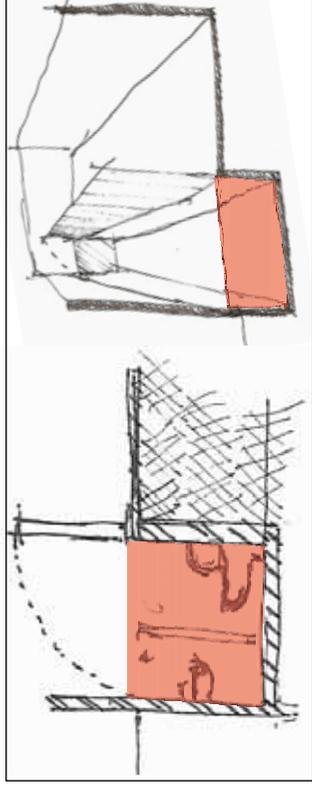


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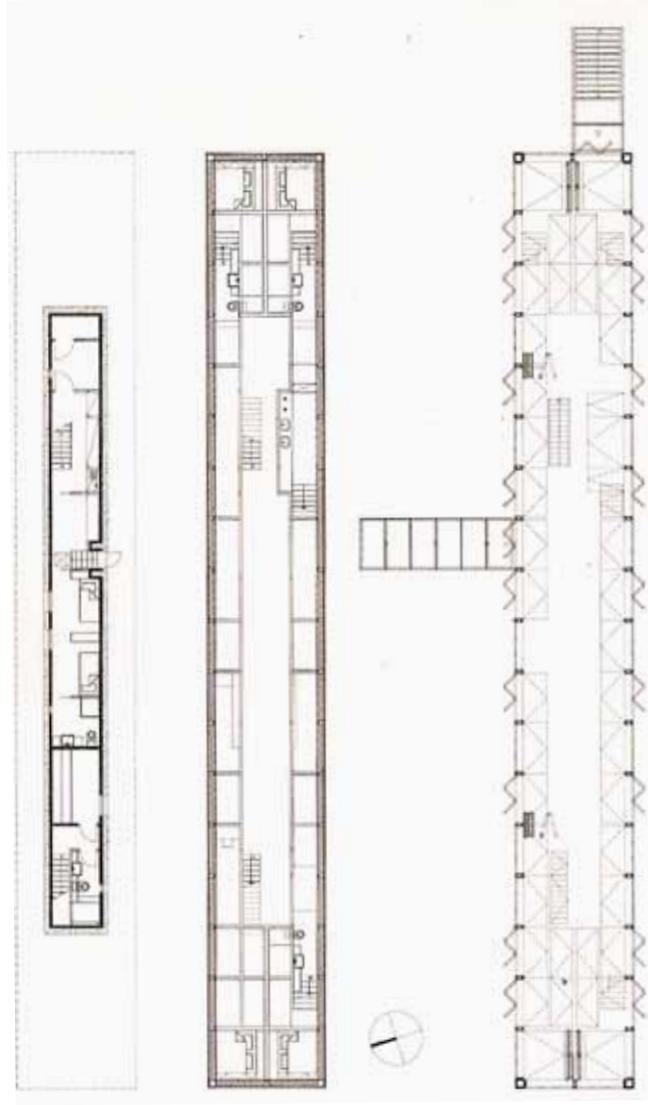
THIS PROJECT WAS PART OF A COMPETITION FOR TWELVE YOUNG PROMISING ASIAN ARCHITECTS, WHICH ENTAILED THE DESIGN OF TWELVE COMMUNITARIAN RESIDENCES AT THE FOOT OF THE GREAT WALL. THE PROPOSAL WAS FOR A CLEAR AND PURE VOLUME WITH LEVELS INSIDE. IT NEED BE EXTREMELY ADAPTABLE TO DIVERSE USES DURING THE DAY INCLUDING USE AS A LEISURE SPACE, WHERE WOOD WOULD BECOME THE UNIFYING ELEMENT. (ASENSIO, 2005;42)



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THE WAY THE ARCHITECT HANDLED THE WET SERVICES BY PROVIDING A VOID BELOW FLOOR LEVEL GAVE THE IDEA TO PROVIDE THE NOMAD POD WITH A SERVICE VOID TO MIX REQUIRED SPACE FOR THE USE OF THE SANITARY APPLIANCES.



2

# SPACEBOX: NETHERLANDS

MAERT DE JONG / DE VIJF



1



2



3



4

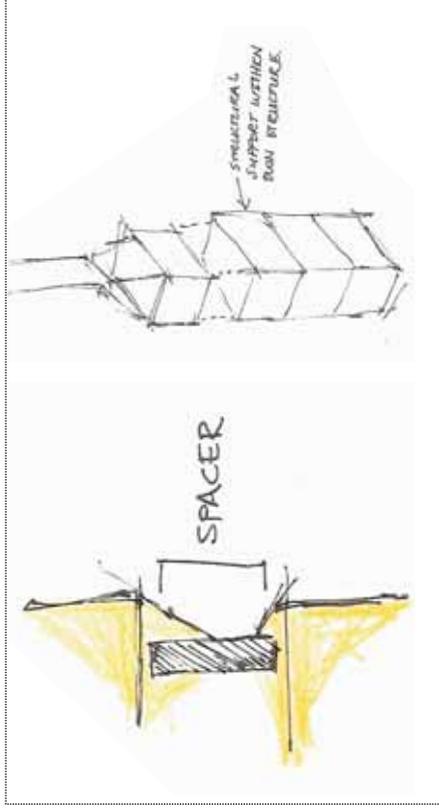


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INSTANT, SELF-CONTAINED STUDIO RESIDENCES. ALL YOU NEED IS A CRANE TO STACK THEM UP TO THREE UNITS HIGH. THE SPACEBOX IS EQUIPPED TO FUNCTION AS A COMPACT STUDIO RESIDENCE, COMPLETE WITH KITCHEN, SHOWER AND TOILET WITH A SURFACE AREA OF 18 M<sup>2</sup> OR 22 M<sup>2</sup>. THERE'S A LARGE WINDOW ON ONE END AND THE ENTRYWAY ON THE OTHER. THE UNITS ARE EQUIPPED WITH A BOILER, MECHANICAL VENTILATION AND ELECTRICAL HEATING. SPACEBOX UNITS ARE MADE OF THE SAME HIGH-GRADE LIGHT WEIGHT COMPOSITES THAT ARE USED IN SHIPBUILDING AND AIRCRAFT MANUFACTURING. <[HTTP://MOCOLOGO.COM /ARCHIVES/SPACEBOX](http://mocoloco.com/archives/spacebox)>

THIS PRECEDENT GUIDED THE SYSTEM DEVELOPED FOR HANDLING THE UNITS ON SITE.

THE WAY THESE UNITS STACK ON ONE ANOTHER GUIDED THE WAY OF HANDLING A STACKING STRUCTURAL SYSTEM TO MINIMIZE ADDITIONAL STRUCTURE.



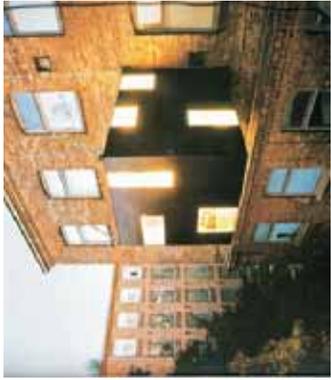
5

# RUCKSACK HOUSE: COLOGNE GERMANY

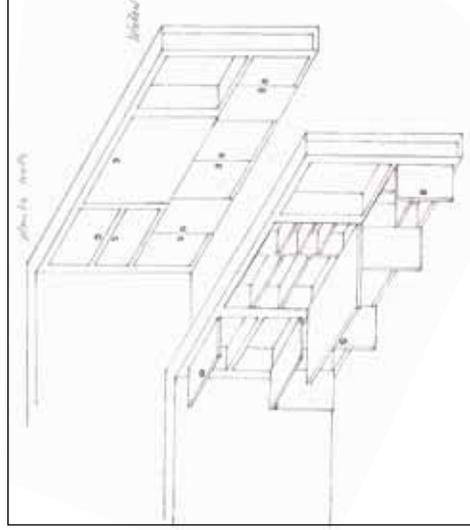
## STEFAN EBERSTADT



STEFAN ELLERSTADT HAD THE UNUSUAL IDEA OF SIMPLY ADDING SPACE TO AN EXISTING BUILDING. AS HE SAYS, "NEW SPACE GETS SLUNG ONTO AN EXISTING SPACE BY A SIMPLE, CLEAR AND UNDERSTANDABLE METHOD. THIS REACTIVATES THE IDEA OF THE SELF-BUILT ANARCHISTIC TREE HOUSE, THIS TIME HOWEVER, MORE PROMINENTLY PLACED AND STRUCTURALLY ENGINEERED. OUR COMMON PERCEPTION NEEDS TO BE CHALLENGED SINCE IT GETS IRRITATED WHEN THE PLAIN FACADE OF A BUILDING IS SUDDENLY INTERRUPTED BY A BOX-SHAPED VOLUME EDGING OUT INTO THE REALM OF THE STREET." " WORKING WITH THOMAS HECK, A STRUCTURAL ENGINEER FROM MUNICH, HE DEVISED A WELDED STEEL STRUCTURE WITH PLYWOOD CLADDING THAT WAS HUNG BY STEEL CABLES FROM THE FEDERKIEL STIFTUNG/HALLE 1 4 IN LEIPZIG FROM SEPTEMBER TO NOVEMBER 2004 IN THE CONTEXT OF THE EXHIBITION XTREME HOUSE (JODDIO, 2006:152)



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THE CONCEPT IDEA OF ADDING EXTRA SPACE WITH A UNIT FIXED TO A STRUCTURE WAS TAKEN FROM THIS PRECEDENT STUDY. THE USE OF SPACE INSIDE THE WALLS GUIDED THE DEVELOPMENT OF THE SECONDARY SYSTEMS WITHIN THE RESIDENTIAL UNIT.

