Site: Anywhere

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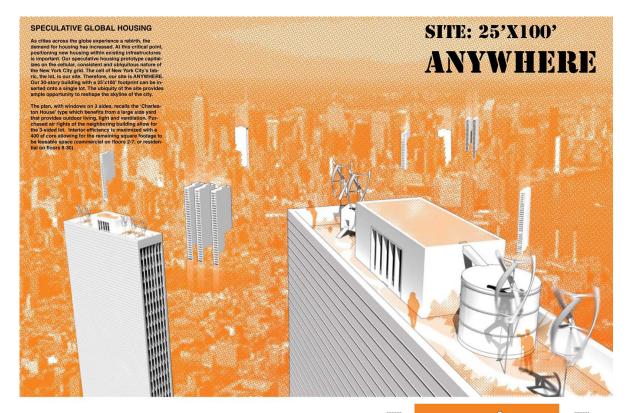
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SPECULATIVE GLOBAL HOUSING

As cities across the globe experience a rebirth, the demand for housing has increased. At this critical point, positioning new housing within existing infrastructures is important. Our speculative housing prototype capitalizes on the cellular, consistent and ubiquitous nature of the New York City grid. The cell of New York City's fabric, the lot, is our site. Therefore, our site is ANYWHERE. Our 30-story building with a 25'x100' footprint can be inserted onto a single lot. The ubiquity of the site provides ample opportunity to reshape the skyline of the city.

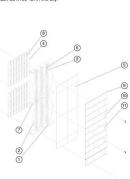
Columnar elements situated at the perimeter of the floor plates support the building. This exoskeleton is composed of lightweight steel members acting as vertical trusses. The armature of slender members allows the structural system to act like a highly efficient tube. If comparing equal cross-sections of material, a tube performs upwards of 2 times more efficiently than a rod. This structural system, conceptually similar to ones employed by the aircraft industry, offers an efficient lightweight frame clad with a skin. Whereas a savings in weight in the airplane equates to enhanced flying performance, in a building, this savings in weight equates to a savings in cost - including a reduction of materials, simplicity of fabrication and application, and freedom of the plan. This innovative structural strategy maximizes the potential of each 25'x100' lot in the city.

The plan, with windows on 3 sides, recalls the 'Charleston House' type which benefits from a large side yard that provides outdoor living, light and ventilation. Purchased air rights of the neighboring building allow for the 3-sided lot. Interior efficiency is maximized with a 400 sf core allowing for the remaining square footage to be leaseable space (commercial on floors 2-7, or residential on floors 8-30).



STRUCTURAL LOGICS

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KEY 1. H50; 2. tension rod; 3. tube; 4. biueboard; 5. sheathing; 6. H53; 7. lateral member; 8. light guage framing; 6. steef trim; 10. exterior steef panel; 11. vertical joint; 12. steef bracket; 13. exterior both; 14. esite/cod cocorter wall; 15. wolderborg; attent member

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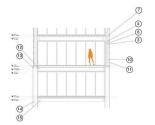
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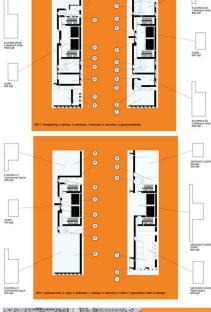
Purchased Air Rights Purchased Air Rights Purchased Air Rights



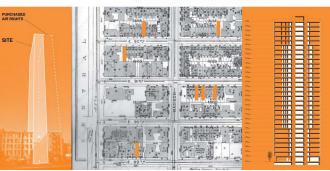








CORE 400 sqt



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