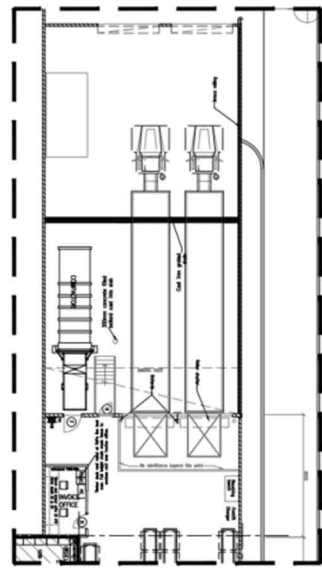


Store Planning

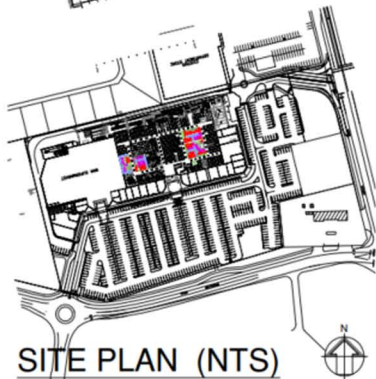
Retail Projects, 2019-2021

Layout planning for Big W stores. Spacing and arranging fixtures, maintaining aisle widths, adding/removing elements and inputting parameters into a supplementary Excel file for reference.

Multiple people worked on each plan, so online coordination was essential for proper checking, phasing, and releasing.

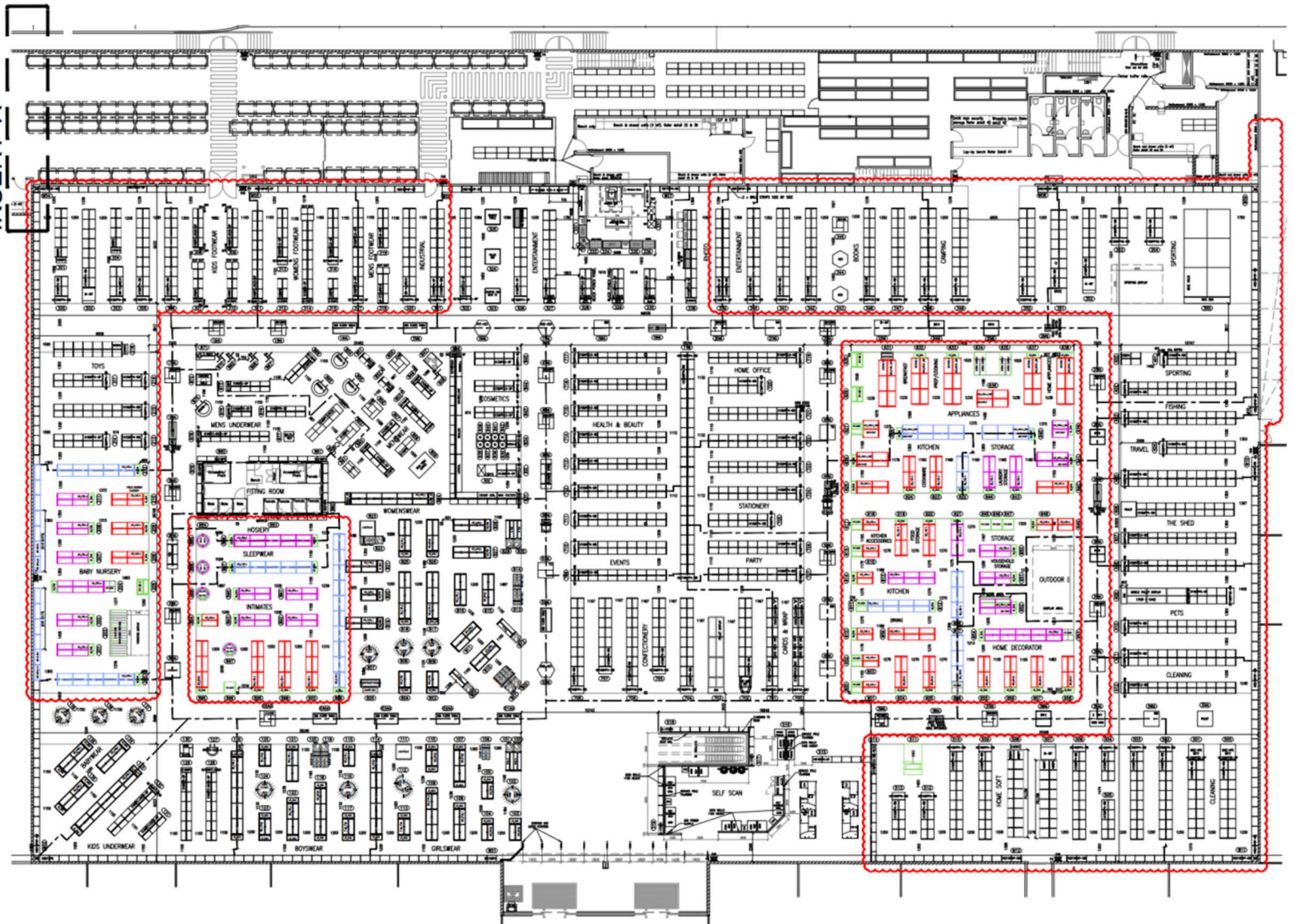


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SITE PLAN (NTS)

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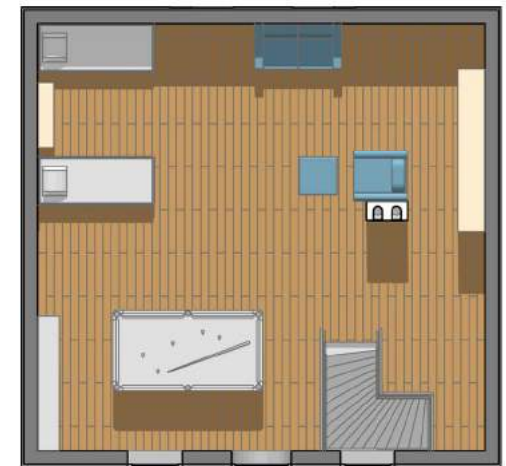




Basement



Ground Floor



Attic

Layout Suggestions

Casual Project, 2020

A 3-storey house in Sydney belonging to a young couple with a baby on the way.

Parts of the house are still under renovation. There is a lot of space for furniture and design ideas.

General plan: make the ground floor the main space, the other two floors for future expansion.



Contract/Installation

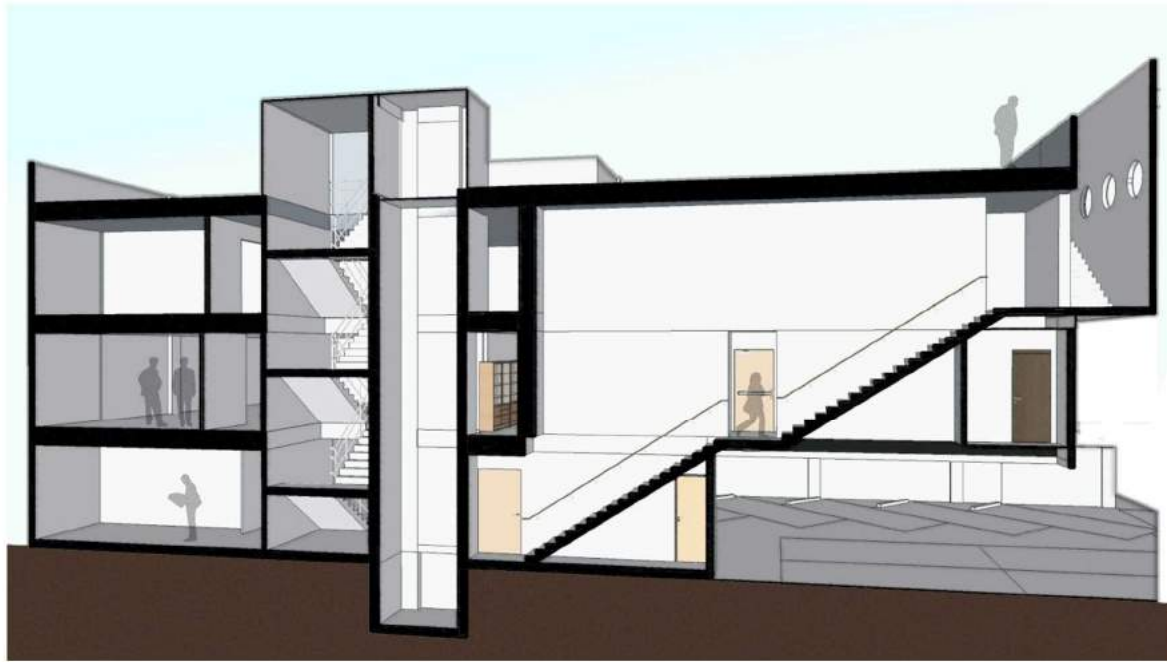
Dyson Manufacturing Facility, 2016

Installation of floor stickers, outdoor signage and interior signage boards.

After confirming final designs from the head office, I contacted suppliers and procured the necessary permits for work to proceed.

Once work settings were in place, the work was monitored weekly until completion and client approval.





Office Redesign

Concept Design, 2018

Concept for the renovation of an office in Metro Manila.

The objective was to update an older wood structure to a more modern building.

The scope of renovation includes expanding the parking space, re-organizing the office floors, adding a roof deck, and reworking the entire building façade.





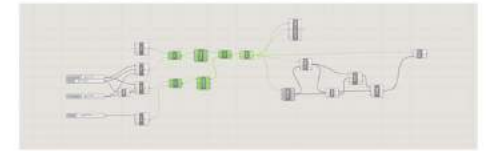
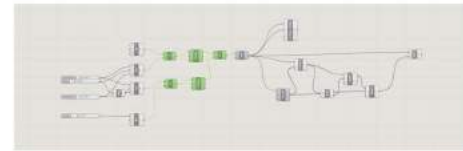
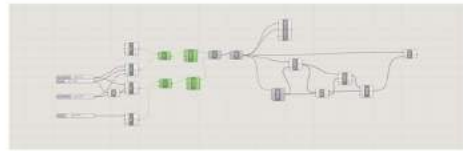
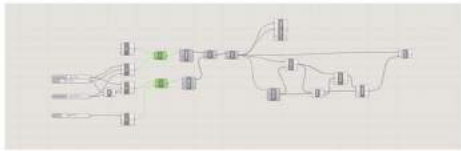
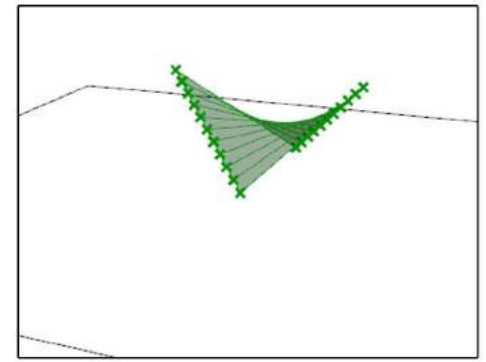
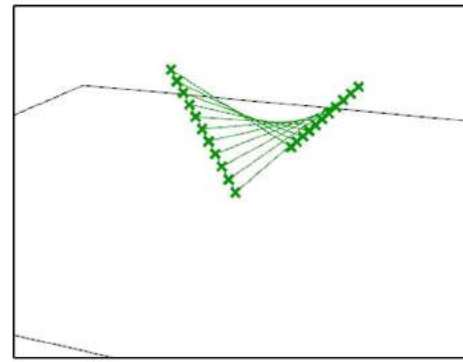
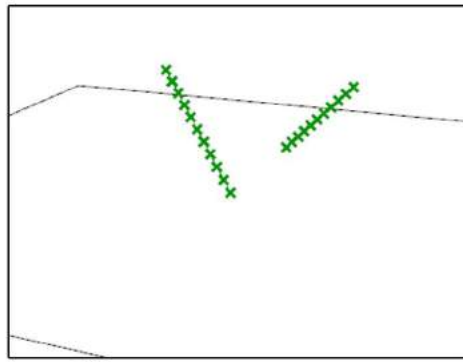
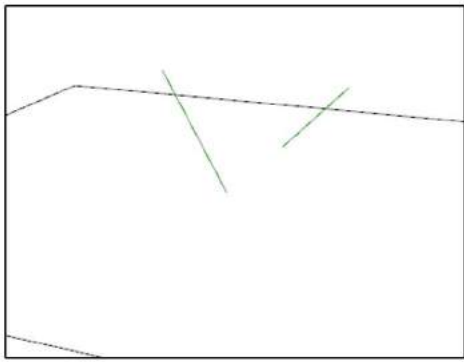
Door Scheduling

National Coast Watch Center (Manila), 2015

Door hardware scheduling for a maritime facility in the Philippines.

Research and selection of handles, closers, locks, hinges and plates, from supplier brochures and contacts. These were tabulated and sent to on-site contractors for review and installation.

Equipment and their variants were selected based on door location and use, as well as code and client requirements.



Hypar Formation Experiment

Undergraduate Project, 2011

The hypar (hyperbolic paraboloid) was a form extensively used by Felix Candela, who implemented them in reinforced concrete structures throughout Mexico City.

Draw two parallel lines, then tilt them opposite each across one axis. Subdivide each line into an equal number of points. Connect these points in order to create the basic shape.

The programming and fabrication of non-curved elements to construct a hypar is made possible through an algorithm using orthogonal elements.

