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ILMSTRASSE, GERMANY

Townhouse, NEST 2020 - 2023

Concept – Completion (2023).

Architect, Passive House Designer

Four KfW40-Plus townhouses in timber construction have been built to Passive House standard. Each townhouse has its own garden, a carport with charging facilities for electric cars, and a heated basement with a hobby room. Solar panels and battery storage have been incorporated for local use of renewable energy. Passive House certification pending completion.

Concept design to construction drawings. Expose drawings and 3D renderings for marketing. Assisted with PHPP, developed ventilation design. Coordination with engineers, site supervisor, subcontractors and assisted with tendering.

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P2 - PRINZ-EUGEN-PARK, GERMANY

Residential Complex, NEST 2018 - 2020

Detailed design - Completion.

Architect, Passive House Designer

This residential complex is built in Prinz-Eugen-Park, Munich. It contains 61 residential units held in 2 apartment buildings and 5 rowhouses, with a shared community room and an underground parking. The concept combines passive house standard and timber construction with solar power and battery storage for local use of renewable energy. All buildings have been certified as passive houses and realized as KfW Efficiency House 40 Plus.

Detailed, construction, and marketing drawings. Coordination with engineers, landscape architect, site supervisors, subcontractors, and craftsmen. Coordination with tenders. Developed PHPP and Ventilation design for Passive House certification.

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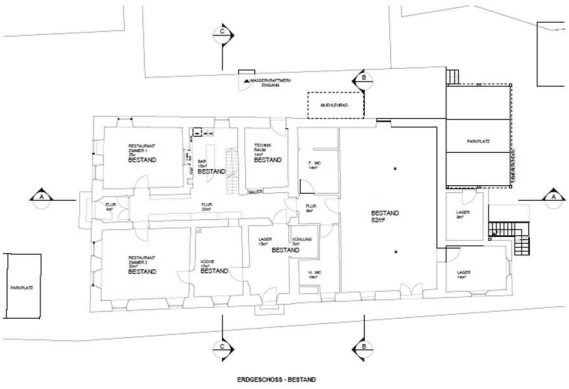
Restaurant, 2017-2021

Concept - Building approval

Architect

The Eichmühle is a 15th century old building found in Regenstauf, on the banks of the river Regen. It currently houses a restaurant of the same name that offers french bavarian fusion cuisine and has a beer garden that overlooks the scenic river. The restaurant is on the ground floor whilst the 1.OG is partially the owner's residential, and office space, and the rest, including the top floor as unused space.

The owners wanted to renovate the building to optimize the ground floor and its surrounding for the restaurant, and provide new office and living spaces on the upper floors to rent out. These designs were brought to building approval standard.



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ASBURY LANE, CANADA

Cottage extension +1,500 sq ft

2015 – 2018. Concept – Schematic design, Architectural consultant.

Freelance Designer

A private cottage located next to lake Wren is in need of a renovation. The family has grown in size and wishes for more space. An open kitchen, additional bedroom, screened porch, and extra storage was requested. An addition 20'x24' is proposed attached to the beautiful retreat. Dark faux wood cladding with white trimming on the exterior gives the cottage a new modern look while a new roof will be refitted to unite the old and the new.

Concept to Schematic drawing for Building Permit. Assisted with exterior and interior material choices.

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KENSINGTON DR, CANADA

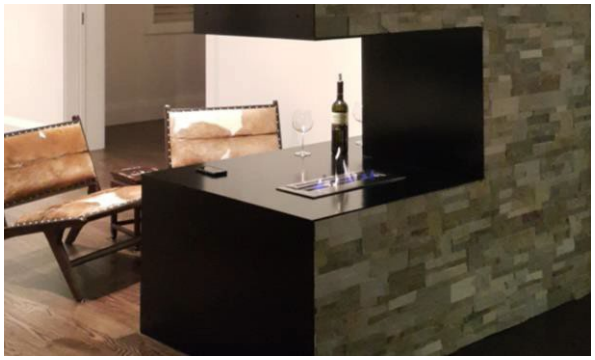
Private Custom home +11,000 sq ft

2012 – 2015. Concept to Completion.

Freelance designer, in cooperation with

Babyfoot Developments Inc.

1.48 acre lot in Toronto's suburbs. 6 Ensuites, 8 Bathrooms, 1 Powder room, open Kitchen, formal Dining & Living space, Family room, Study room – all surrounding a double storey atrium facing the patio and backyard. Exterior walls are double framed, rock wool insulated to passivhaus standards. LED lighting features, Bioethanol fireplace, Basement wine cellar, Maids room, Entertainment room. Separate connection to annex of 4 door garage, Mudroom, Laundry room, Roof terrace. NRC Energuide rated 89.



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LUSHAN BLVD, CHINA

Mixed-use development, Aedas

2011 - . Concept - Schematic design.

Senior Architect

This mixed-use project was worked in conjunction with Tishmen Speyer and is located at the heart of Chengdu, a growing economic hub in China. Included in the development are office towers, commercial strips, residential villas, SOHOs & apartments, and hotels. The design was classic to Tishmen Speyer's style as modern, simple and elegant. Functions received simple form definitions, softly integrated into the building façade adding to the subtle finesse of the design.

Developed façade / envelop design.

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ADMIRALTY SUBWAY, HONG KONG

Subway extension. RMJM-MTRC

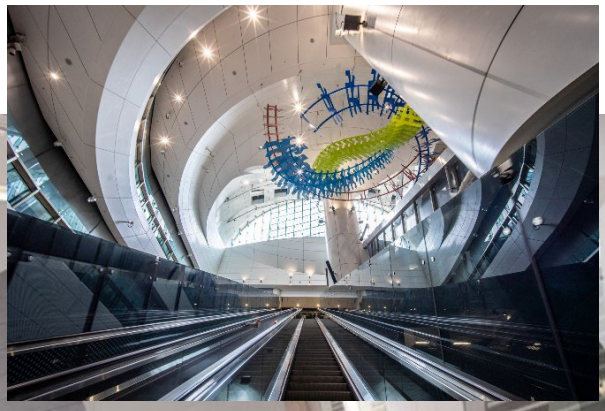
2009 – 2010. Architect.

Completion 2016.

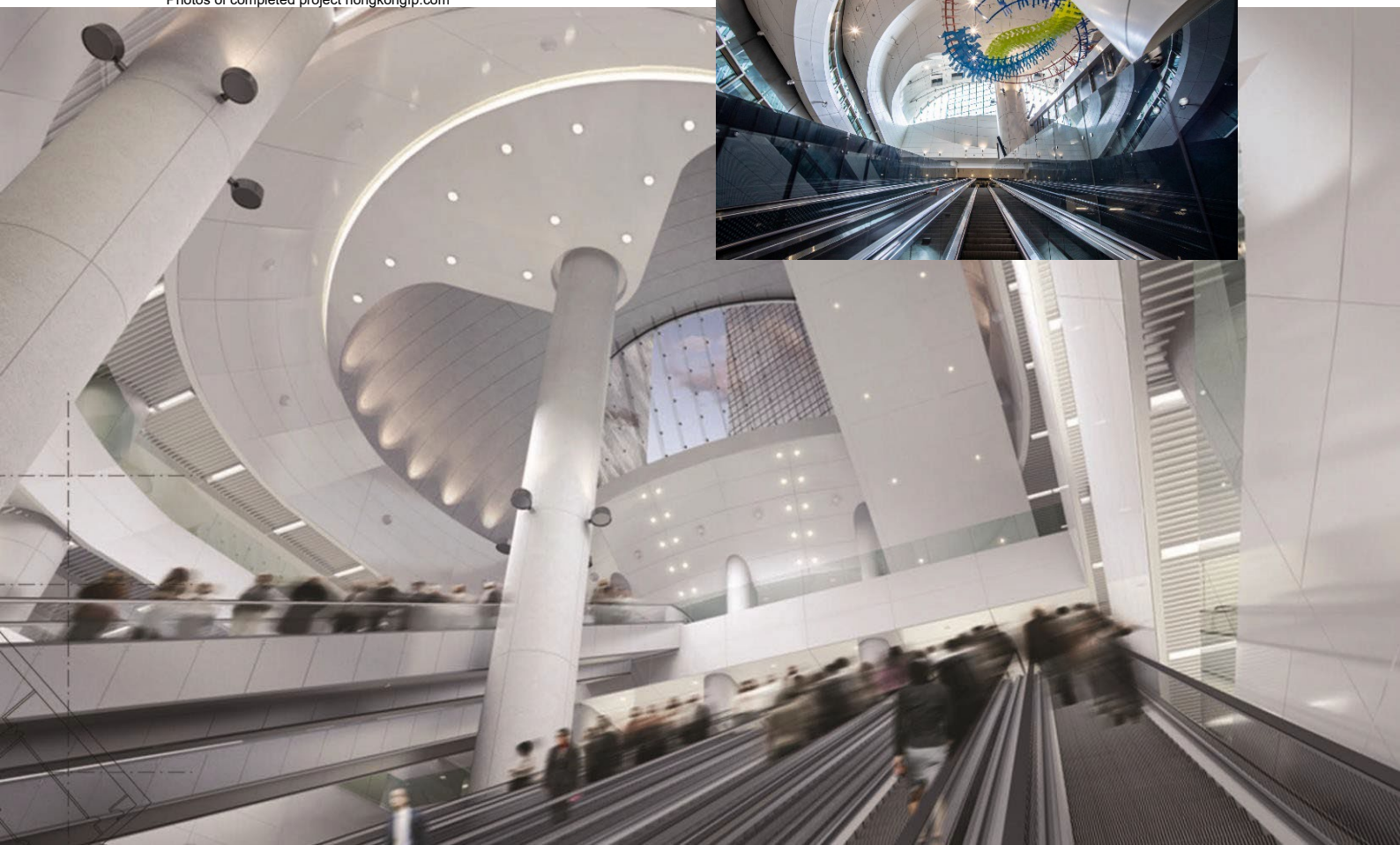
Schematic to Construction documentation.

The extension of the Admiralty subway includes a new exit to Harcourt Garden in central Hong Kong. Two new rail lines need to be incorporated into the existing station. Tunneling below the existing station was required. Constraints from neighboring parking lots, foundations and existing vent shafts intensified the complexity. Future patronage flow would increase to 3/4 million people daily.

Designed & coordinated new public & BOH vertical elements including 33 escalators, 6 public stairs, 50 BOH stairs and 6 lifts. Assisted in the design of the central atrium and all FOH coordination.



Photos of completed project hongkongfp.com



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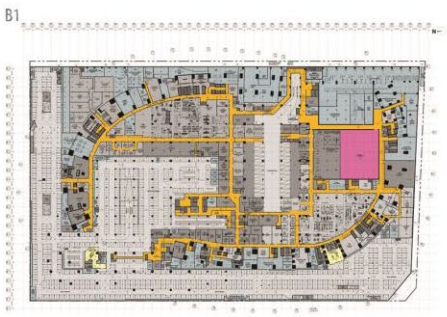
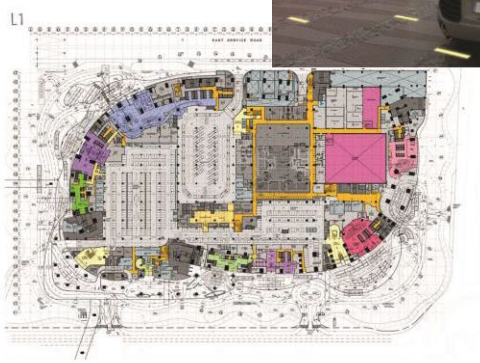
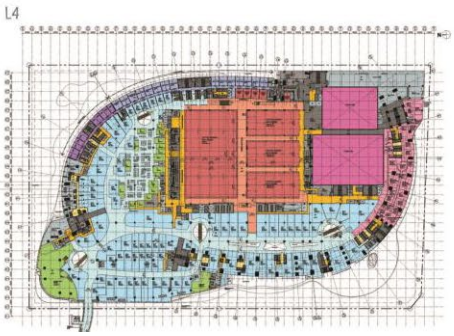
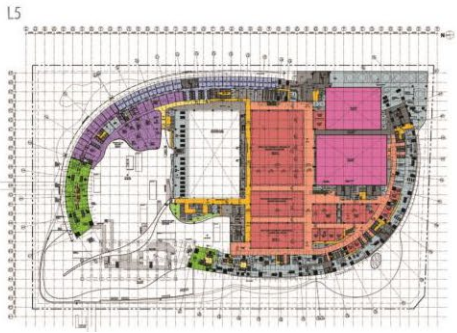
COTAI STRIP PARCEL 7&8, MACAU

Casino design +1,000,000 sq m

2007 – 2008. Concept - Schematic design.

Assistant Architect

A design between pure forms and integrated functions. A massive structure housing 5 hotels, 2 serviced apartments, & 2 casinos under 2 hotel operators was designed. Two identities with shared facilities in the podium were required. Two hotel towers opened views toward the gateway to Mainland China and the principal casino, the Venetian, at the end of the Cotai Strip. Shared facilities include exhibition spaces, theatres, retail, F&B, parking, & BOH.

Developed podium plans in coordination with facade, section and tower sub-teams. Participated in Las Vegas/San Francisco team as liaison with the client and consultants.