PORTFOLIO TAREQ ALHALWANI

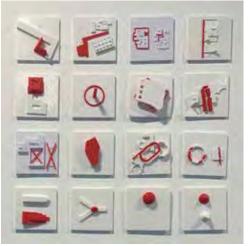


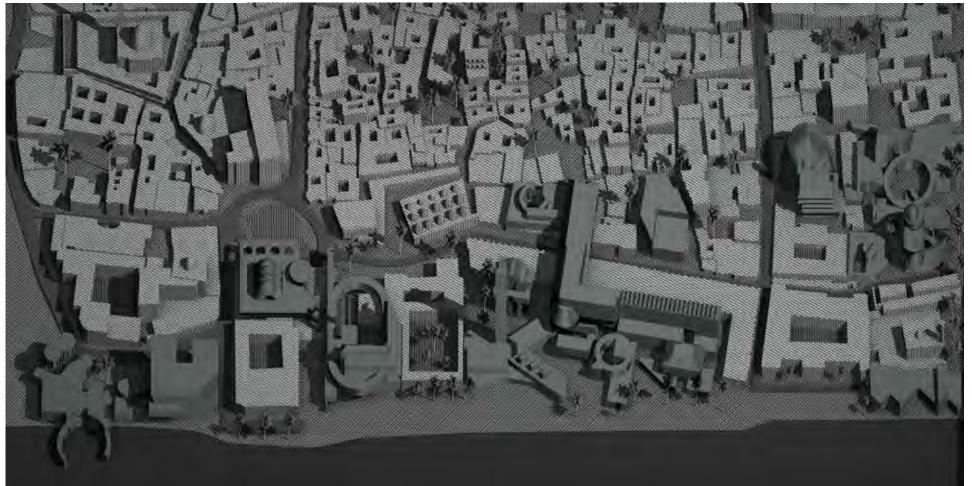


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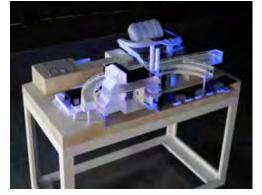
































B.Arch Thesis: The Crossover Baghdad, Iraq Peter Testa + Devyn Weiser SCI-Arc Spring 2019

This thesis investigates the expansion of Architecture through an urban vision. Using a series of operations and a generative syntax, the examination of local conditions and evaluation of proposed situations characterizes form that can be instantiated through a language of *building typologies*. The exploration begins with the composition of objects within a field. Broad movement is consolidated through various *urban composites*.



The development would also become an attractive tourist destination, especially in the domain of healthcare and wellness, as the project is located in proximity of natural sulfur springs, and a dam. The resort would be accessible via a proposed gondola. A showcase model was fabricated and shipped to board of directors





Namal Knowledge City Masterplan

Mianwali, Pakistan Tony Ashai ADCC Winter 2019

Brainchild of President Imran Khan, Namal Knowledge City is anticipating the development of a world class A-level university, on par with institutions such as Oxford University and Harvard University. Topographical variations created a unique composition when designing a master plan, centered around the foothills of the Mianwali mountains, and overlooking a lake. The campus is divided into a series of Academic Blocks and Quads; and a village accommodating approximately 10,000 students, staff and faculty.

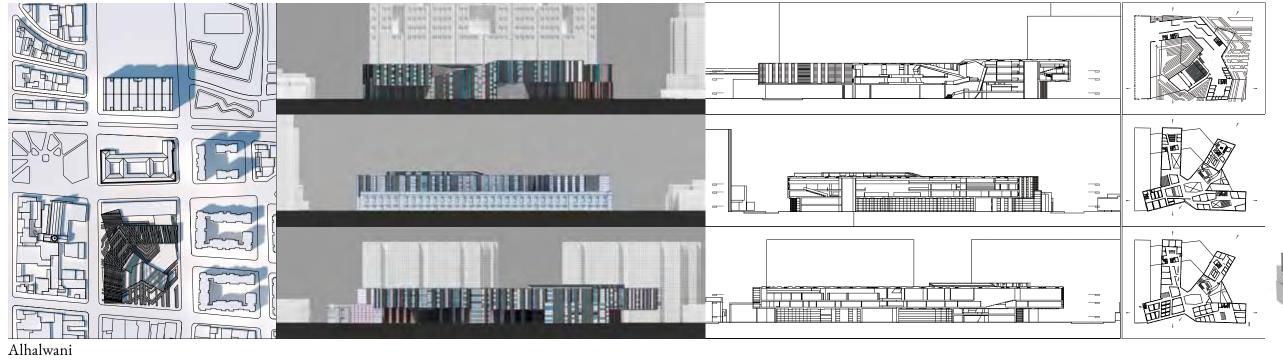












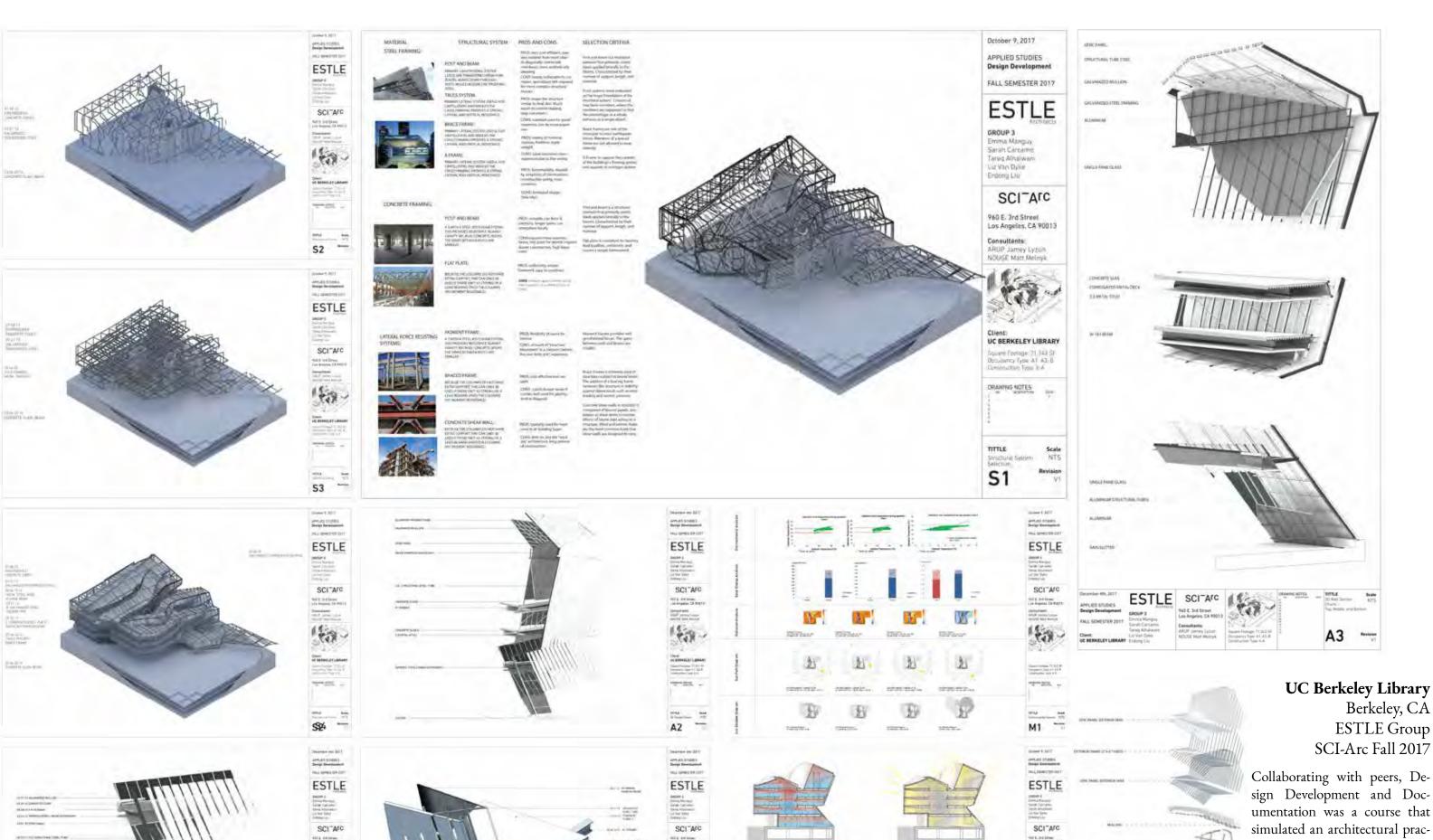
Bogotá Institute of Arts & Humanities

Bogotá, Colombia Ming Fung + Adhavan Sundaramurthy SCI-Arc Fall 2018

Testing multiple formal massing configurations while researching and visiting the Bronx Distrito Creativo in Bogota, the studio called for the analysis of a specific programatic typology that was focused on educational facilities and campuses.

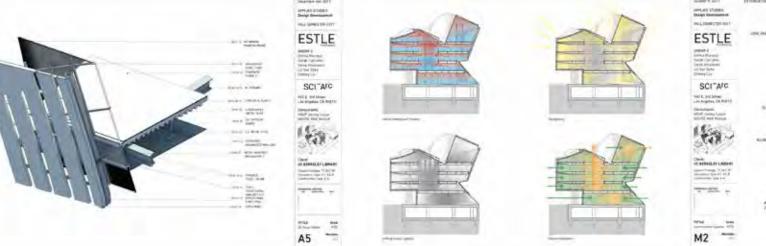


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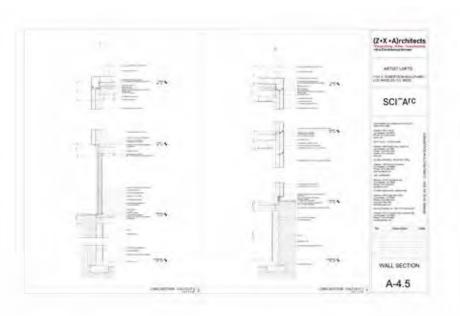


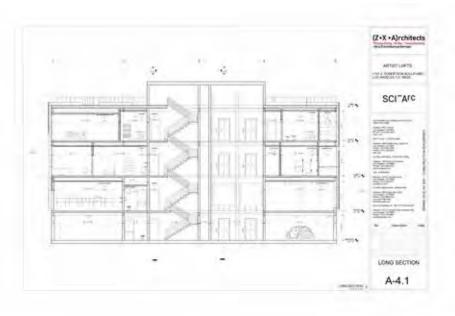
Berkeley, CA ESTLE Group SCI-Arc Fall 2017

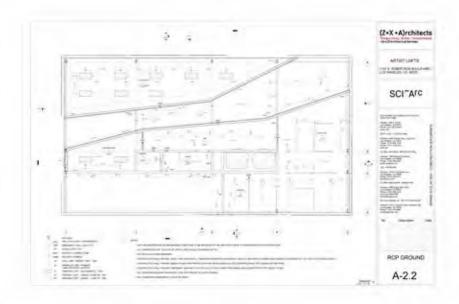
Collaborating with peers, Design Development and Documentation was a course that simulated an architectural practice. The team worked together to produce an integrated package, with structural diagrams, construction phasing, and cost estimation. Consultations with practitioners in the field, insured constant redlining and feedback.



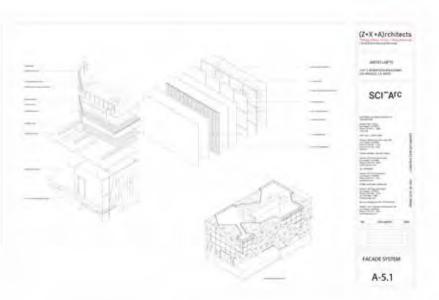


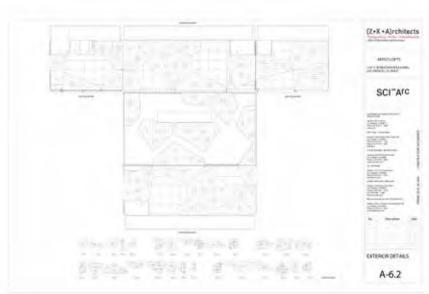


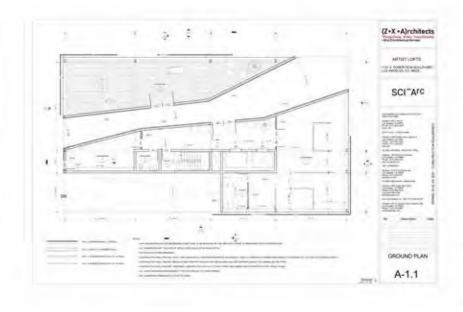


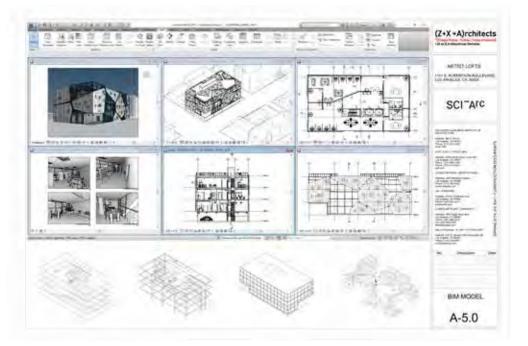










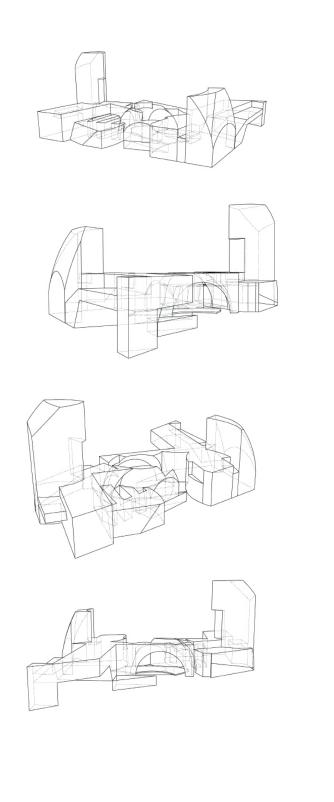


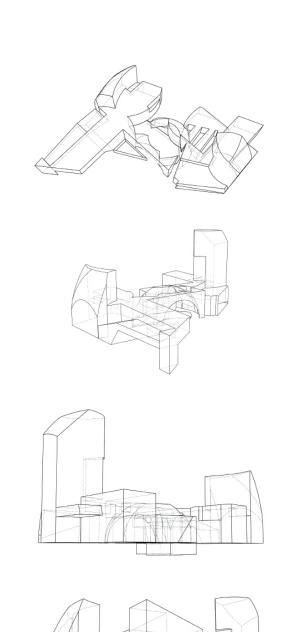


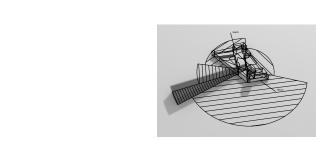
1011 Robertson Blvd. Artist Lofts

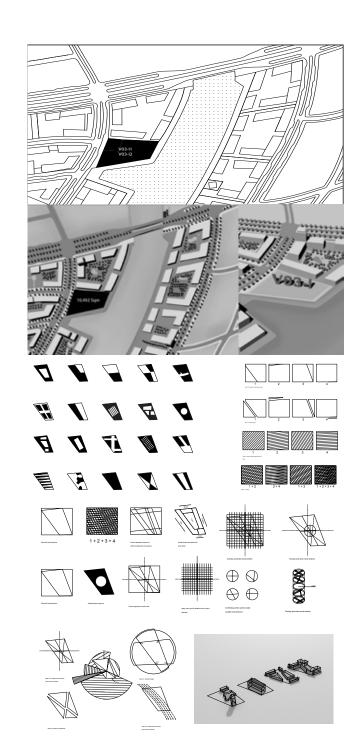
Los Angeles, CA Tongya Zhang + Ye Xiao SCI-Arc Spring 2018

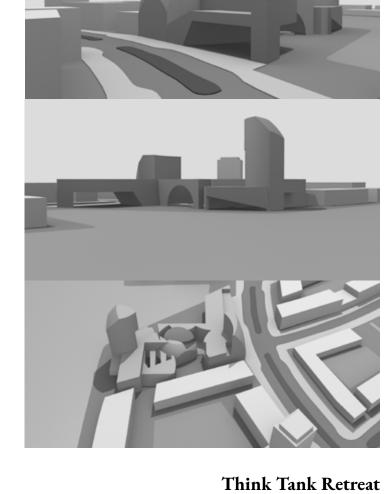
The mixed-use development on S.Robertson Boulevard, 1101 Arts Multiplex aims to provide leasable units and amenities for LA tenants interested in relocating their live-work art/architecture studios. The building's design is highlighted through the site's corner condition on two intersecting streets: Robertson Boulevard & Whitworth Drive. The course simulated an architectural practice, gearing towards the adoption of BIM software, such as Autodesk Revit.

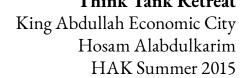


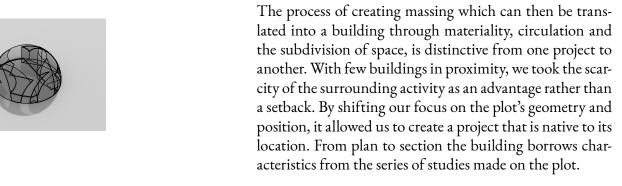




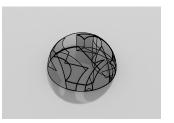


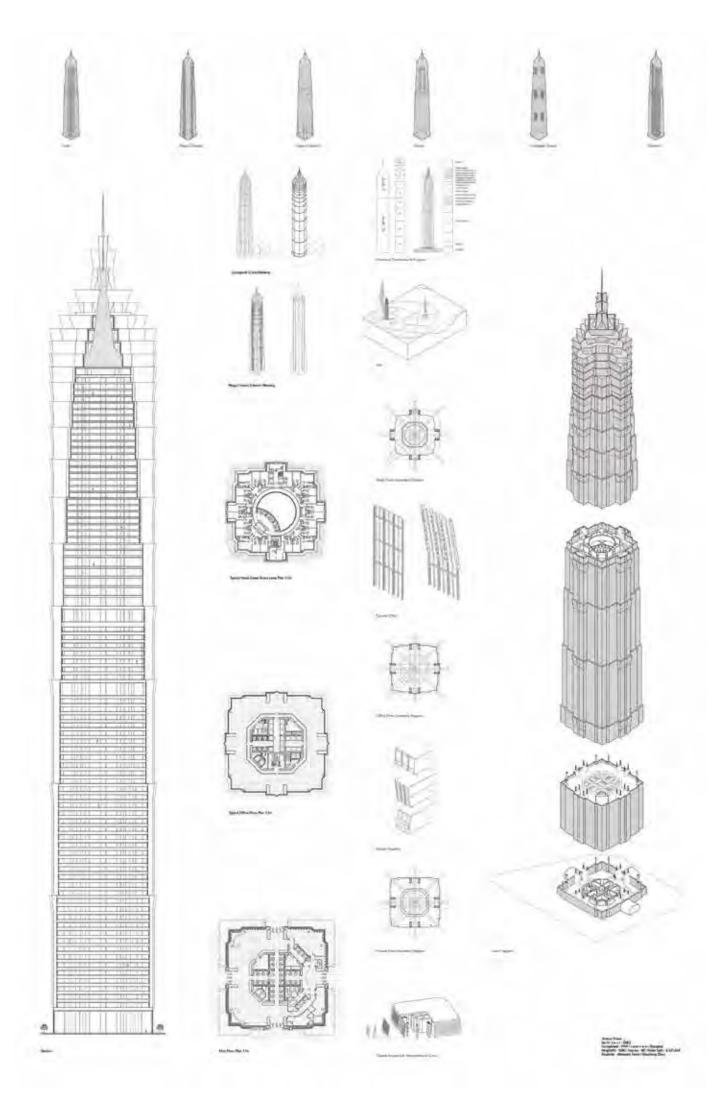








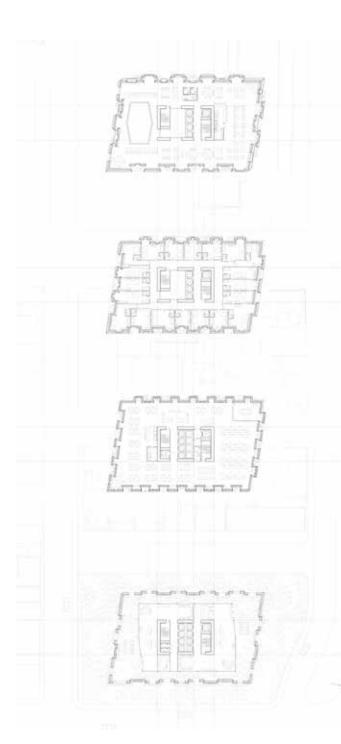


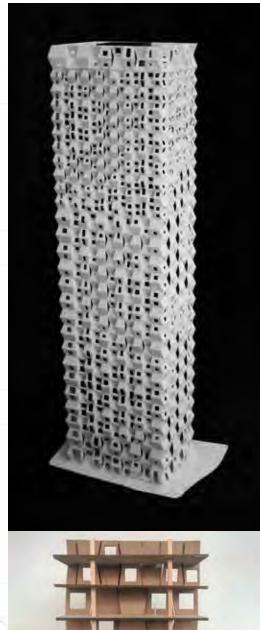


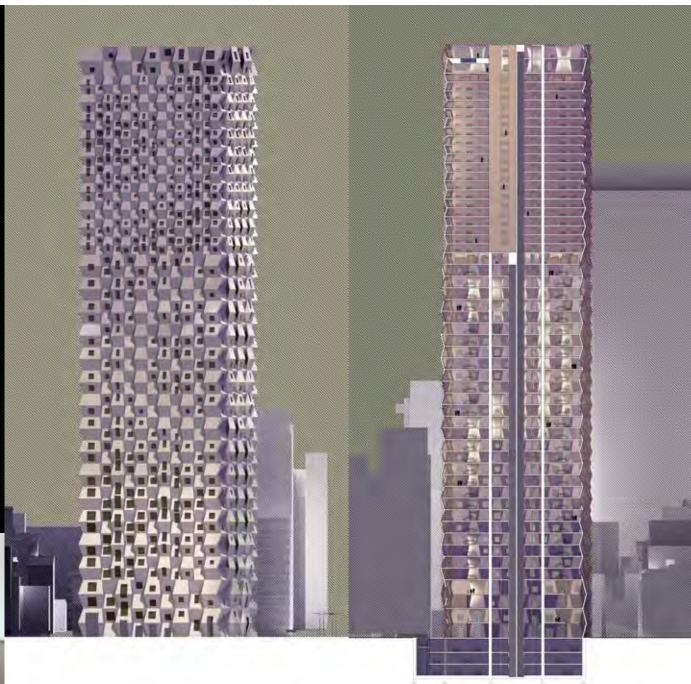


Jin Mao Tower Shanghai, China Margaret Griffin + Shuchang Zhou SCI-Arc Fall 2016

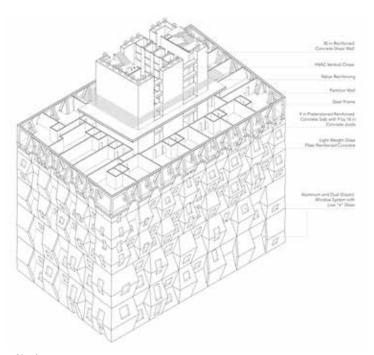
Taking this tower designed by Skidmore, Owings & Merrill as our precedent approaching our tower studies, We were able to anatomize the structure from its massing, exterior curtain wall, and programatic organization. Redrawing the the floor plans allowed us to understand the spatial tolerances of drafting a tower project.





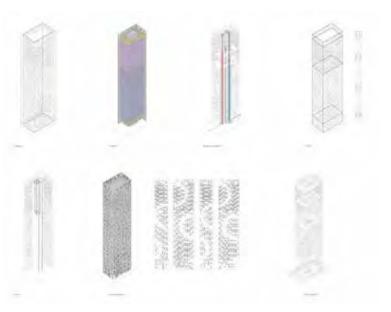






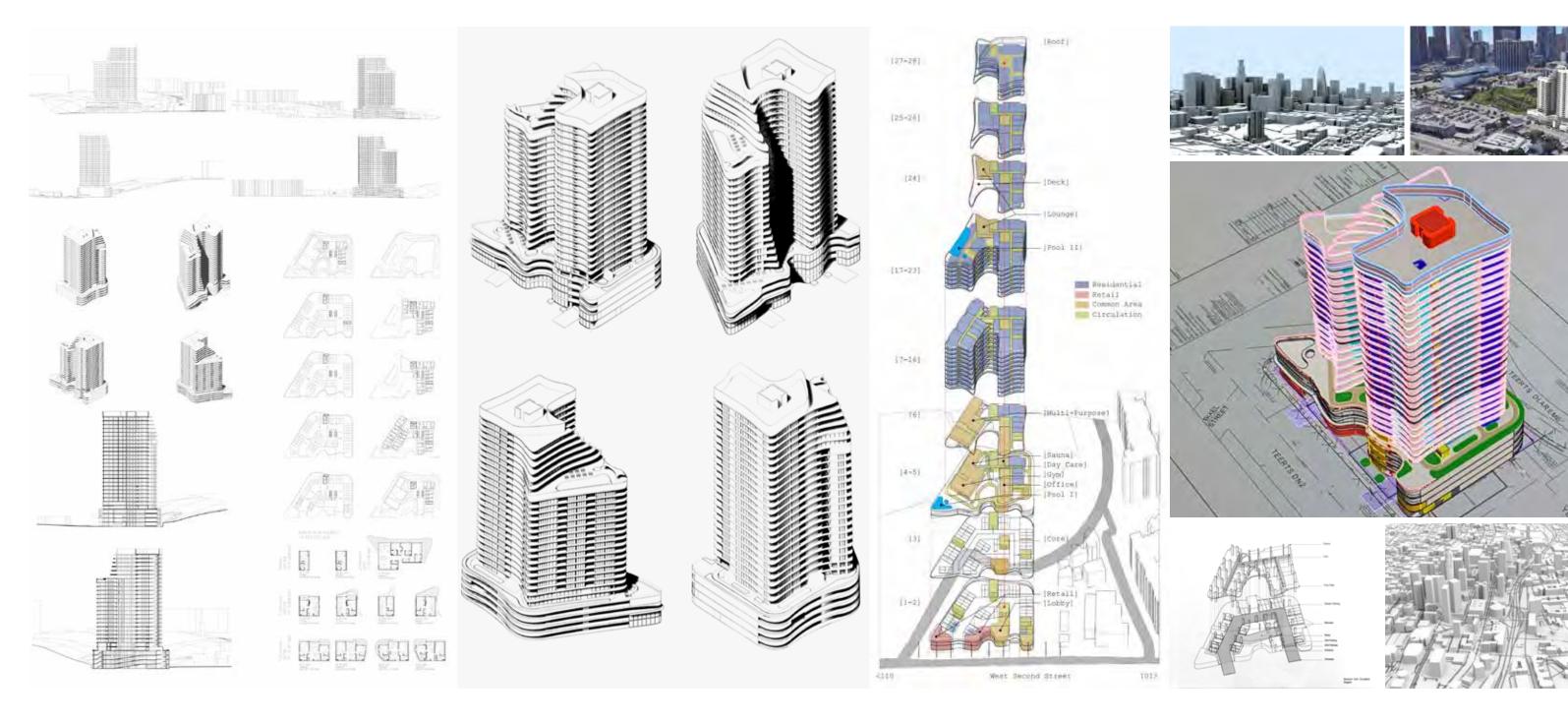
56 Story Mixed-Use Tower

Countless iterations were considered before the final one was chosen. Scripting through grasshopper allowed for the automation of the design process and produced new iterations instantly.



Ciudad de México, Mexico Margaret Griffin + Shuchang Zhou SCI-Arc Fall 2016

Using compositional techniques, such as the developed surface model and scripting using grasshopper, the studio takes heavily into consideration the curtain wall system and how that reflects on the overall façade of the building.



Mixed-Use Apartment Tower

Zoning: RC5 (CW) TOC Tier 3

Lot Size: 39,269 Sq. Ft.

Building Gross Area: 427,760 Sq.Ft.

Parking: 237 Stalls Units: 335 Units

Among the distinct characteristics of LA architecture is the prevalence of the indoor/outdoor lifestyles and environments shaped by their botany and landscape. Second Street responds to context by embracing balcony ribbons throughout its facade, commercial retail and activities throughout the podium. As of recently, the project has undergone all required environmental assessments and studies and is currently pending a final determination letter from the City of Los Angeles.



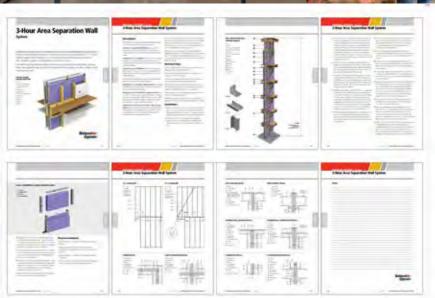


2nd Street Bella Vista Towers

Los Angeles, CA Tony Ashai ADCC Summer 2018

While designing W 2nd St, A careful configuration of vehicle clearances - structure - & partition walls (Units) was achieved to maximize the building's efficiency.



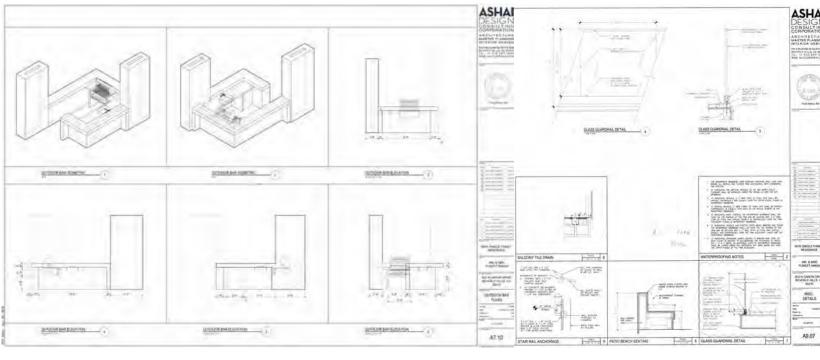


Building Gross Area: 101,407 Sq. Ft. Parking: 175 Stalls

Units: 117 Units

Inglewood, CA Tony Ashai Alpha Construction Co. Fall 2019

Having the opportunity to work with Alpha Co, Centinela Apts was first hand experience with construction & project management. Weekly AOC meetings were conducted on site to follow up with project RFI's, Submittals, and Permits. During this time, the project underwent 9 Bulletin Revisions, power line transfer, street lighting, fire-hydrant installation, and framing.



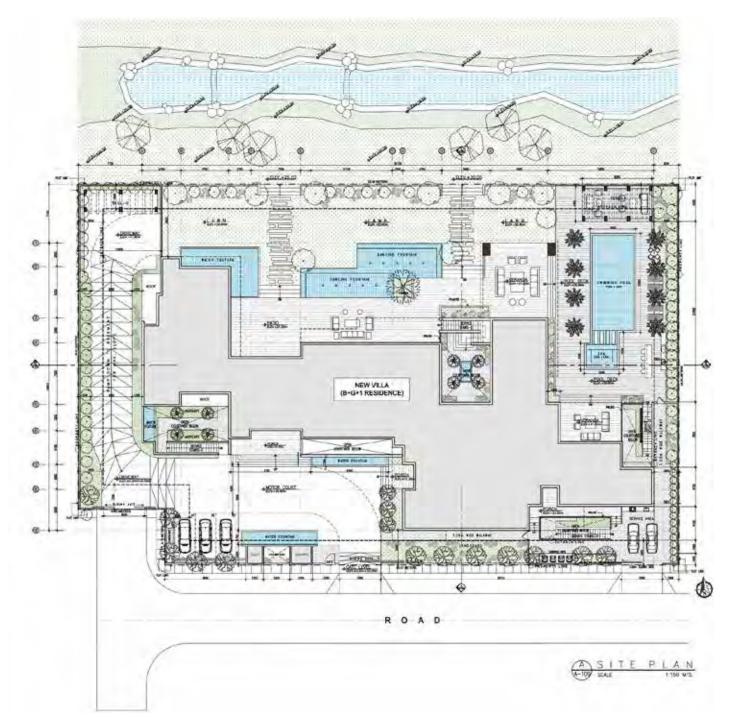




Zoning: **R3 Single Family**Type: **V Construction**Lot Size: **16,490 Sq. Ft.**Building Gross Area: **12,215 Sq.Ft.**

602 N Canon Dr Beverly Hills, CA Tony Ashai ADCC Summer 2019

Located in the heart of Beverly Hills on Canon and Carmelita Dr, this private residence features luxury finishes and materials, such as imported wood cladding from Italy and an *all glass balcony handrail system*. Careful research was conducted to insure code safety standards were practiced in details, such as providing LARR/ICC/ESR#.



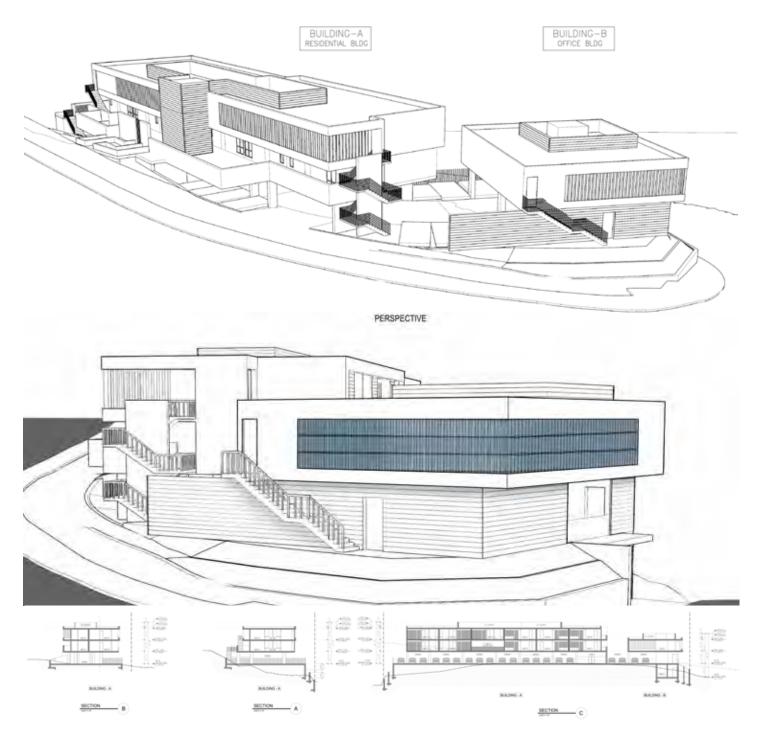




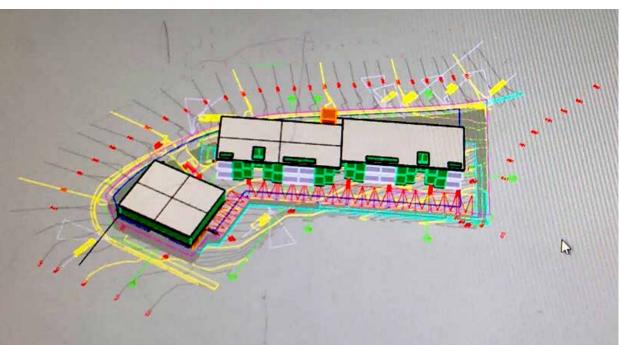


AlBarari House Al Barari, Dubai Tony Ashai ADCC Summer 2021

This luxury estate set out to redefine the modern contemporary villa. Located in Al Barari planned community neighboring Dubai, this project was designed with the inspiration made made landscapes, terraces, and basement courtyards that bring in natural light throughout the house.







Type: Commercial A1-C2PP Lot Size: 23,657 Sq. Ft.

Building Gross Area: 18,340 Sq.Ft.
Parking: 36 Stalls
Units: 11 Units

24601 Hawthorne Blvd.

Torrance, CA Tony Ashai ADCC Spring 2018

Via Velmonte was a challenging project to design from a grading perspective. A series of 5'-0" stepped retaining concrete walls were required to level the ground at the precise *point of the daylight line*.



1111







Zoning: Residential R3-1VL-CDO

Lot Size: **6,322Sq. Ft.**

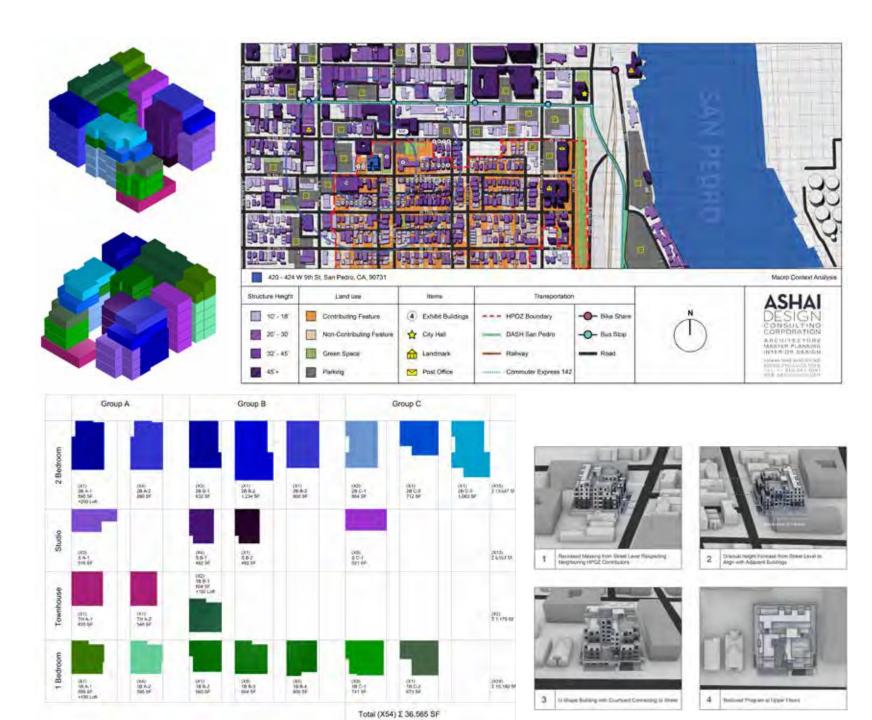
Building Gross Area: 16,090 Sq.Ft.

Parking: 17 Stalls
Units: 14 Units

1932 Park Ave Apartments

Los Angeles, CA Tony Ashai ADCC Winter 2019

Community Oriented Development insures that developments implement environmental & design guidelines that maintain overall neighborhood character and aesthetic. A rooftop garden and pavement improvement plans were incorporated as landscape elements here.









420 W 9th StSan Pedro, CA
Tony Ashai-ADCC
Spring 2018

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Although canceled during its planning phase, this project faced many challenges particularly due to ordinances outlined by *HPOZ Guidelines in Los Angeles*. Taking advantage of T.O.C and affordable housing incentives, this project truly maximized its anticipated destiny, even after countless context analysis reports.



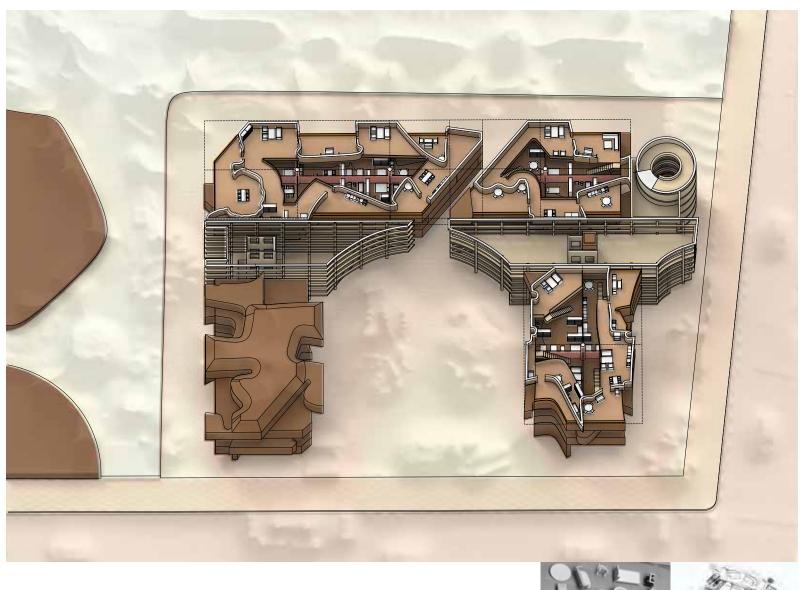






The Nest Apartments
Banigala, Pakistan
Tony Ashai-ADCC
Summer 2021

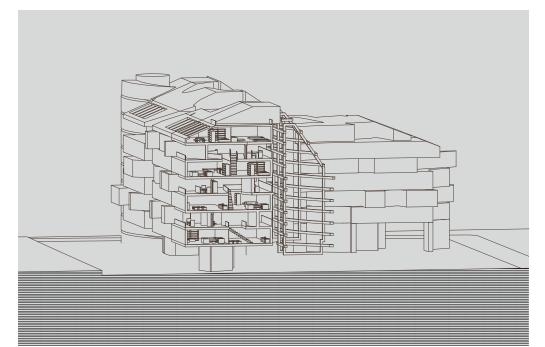
This hillside apartment complex is located on the foothills of Rawal Lake in Islamabad, offering views of Margala Hills. The community is designed in a terraced fashion, preventing monumentality while offering plenty of decks for apartment patios















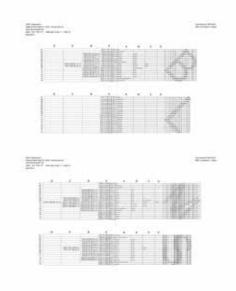
Easy House Rosario, Argentina Florencia Pita Fall 2019

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The idea of the Easy House was explored through the narrative of Pita's studio in which the vacuum form machine was used to create molds and geometries which could be replicated and cast to create fast geometries.









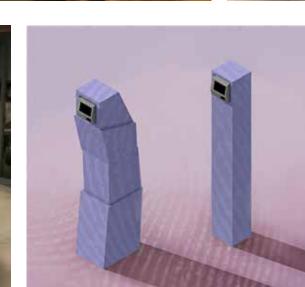


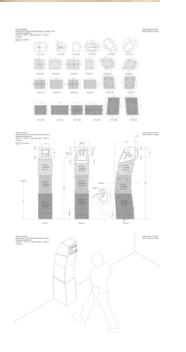


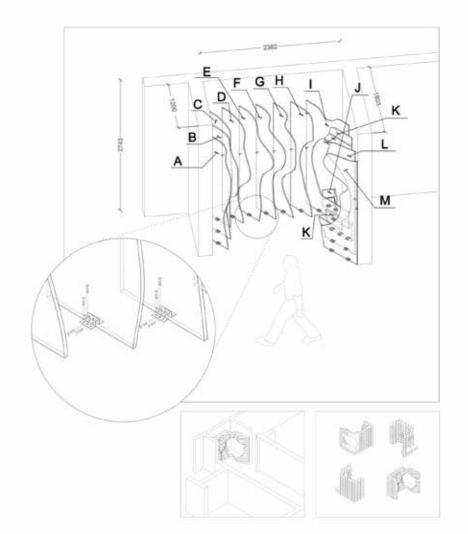












Shop Drawings: Shoe Rack Cabinet for PMDC Headquarters Prayer Room

These are a sample of the shop drawings that were provided to the contractor Al Horafi, a leading contractor for specialized fabrication projects. These drawings highlight the possibility for executing creative and intricate assembly processes.

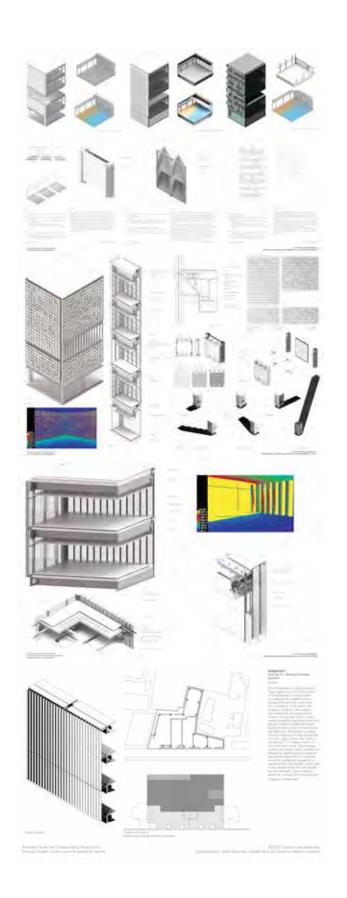
PMDC HQ Installations

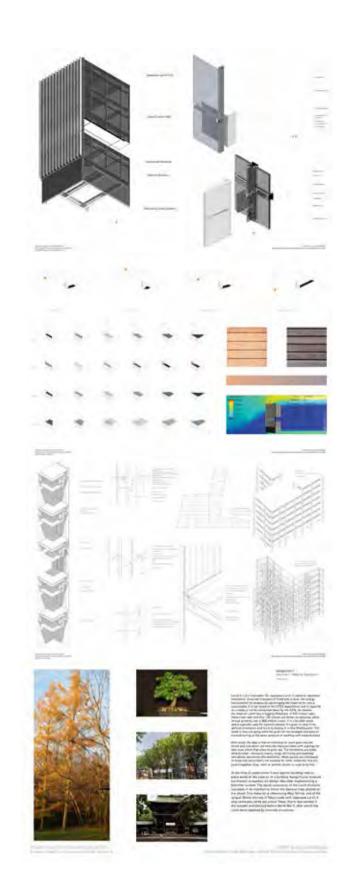
Prince Sultan Road, Jeddah MBO Architects + Eng. Consultants Summer 2016

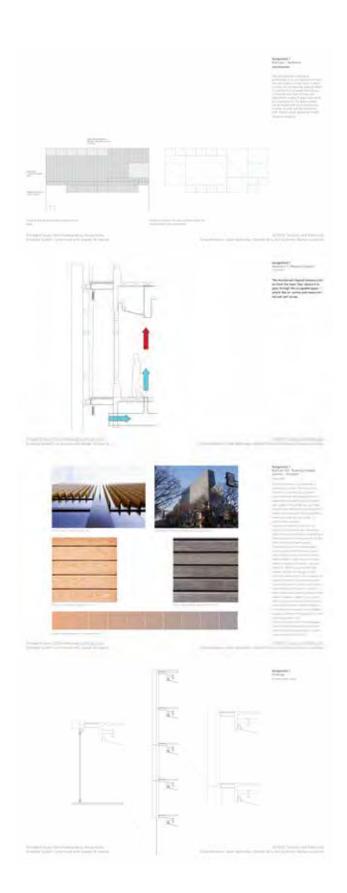
In this internship, the advantage of designing on site was critical in creating a unique series of custom installations for the property owners at PMDC HQ. Shop drawings & renderings were provided to a local fabricator for a prayer room shoe rack, 20m framed *canvas artwork* behind Onyx panels, and a biometrics *sculpture*.

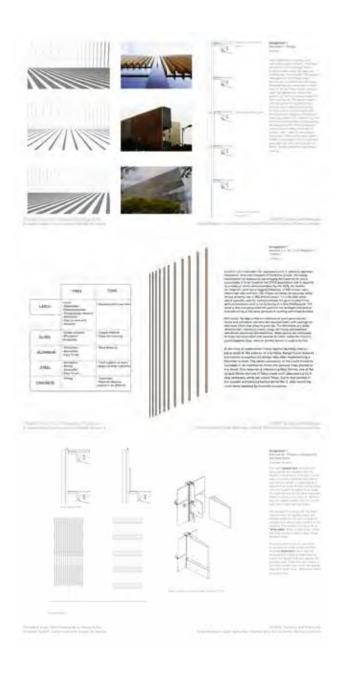












One Omotesando

19

By Kengo Kuma, Tokyo Ramiro Diaz Granados + Maxi Spina Fall 2016

This course 'Architecture Tectonics & Materiality' focused on *Curtain Wall Analysis & Design*. The precedent observed is composed of a joint wood louver 'fins' and glass curtain wall system. Using tools such as Ladybug, Grasshopper, etc; realtime simulations, such as radiation and shadow analysis, were performed on multiple facade iterations. The proposed designs were to incorporate structural elements from the studied building details.





Karachi Port Trust Karachi, Pakistan Tony Ashai-ADCC Spring 2021

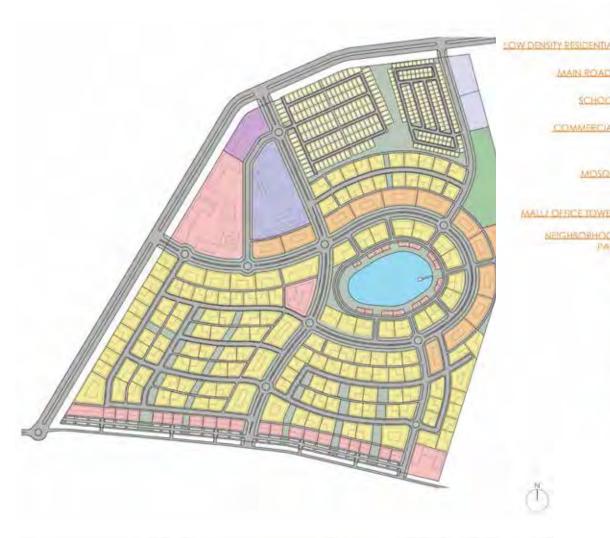
This masterplan called for the design of a residential and commercial district located adjacent to the US Consulate in Karachi and the China Creek.

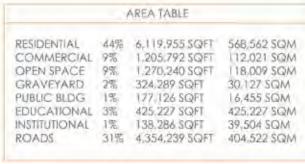


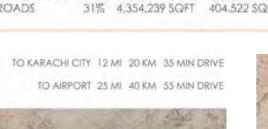
















ZONING LEGEND

LOW DENSITY RESIDENTIAL MED DENSITY RESIDENTIAL HIGH DENSITY RESIDENTIAL

COMERCIAL PUBLIC SERVICES EDUCATIONAL

INSTITUTIONAL

OPEN SPACE

GRAVEYARD

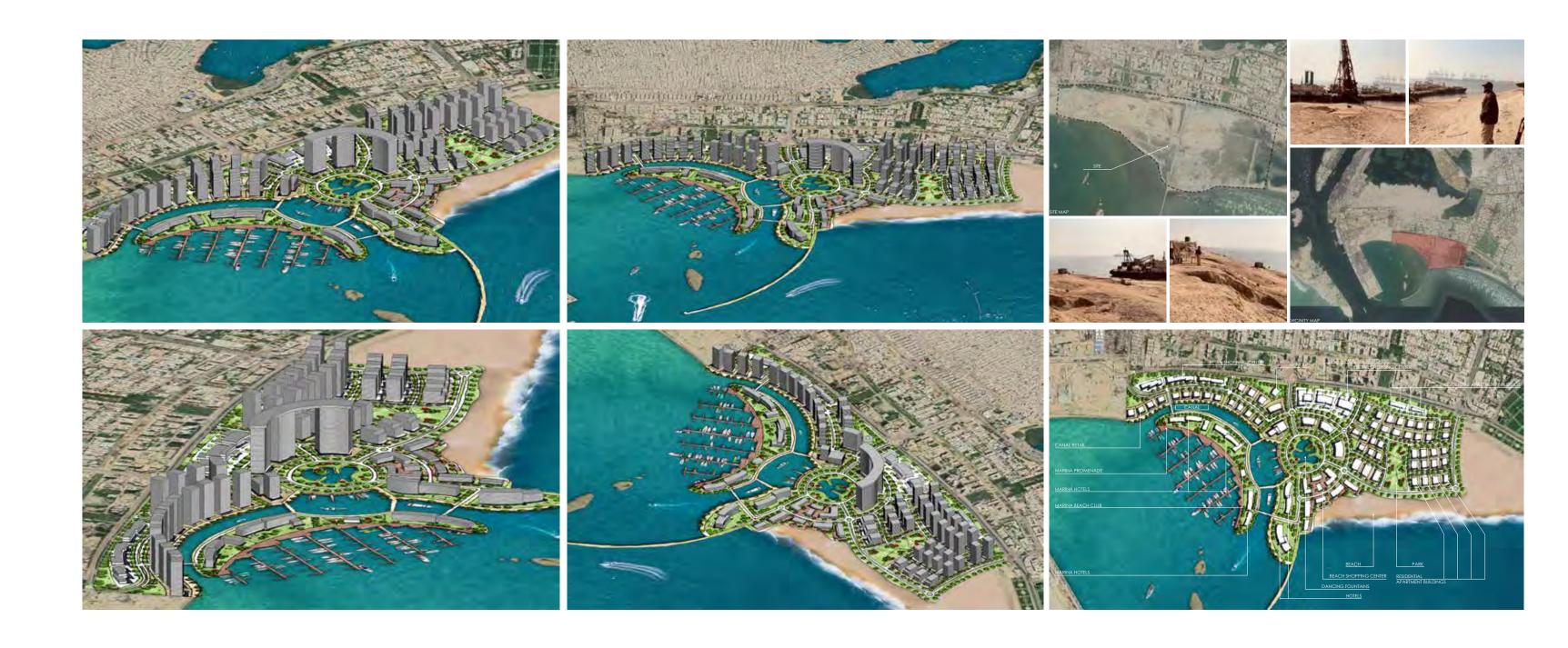


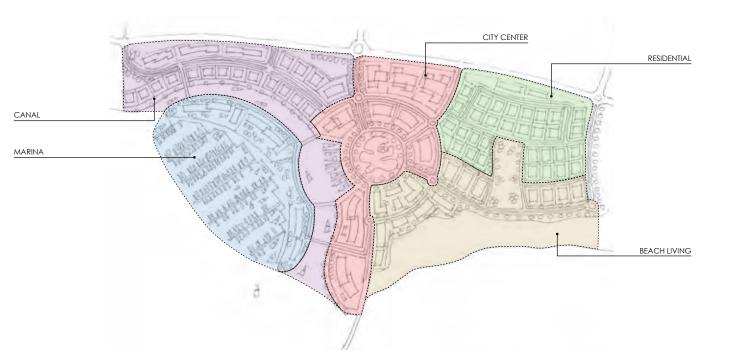


Karachi Beach Residences

Karachi, Pakistan Tony Ashai-ADCC Spring 2021

Designed for a population of approximately 200,000 residents, this community was envisioned with careful consideration to population density form based zoning.





KPT Waterfront Karachi, Pakistan Tony Ashai-ADCC Spring 2021

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A beach city community would take the place of vacant sea front land. This would be adjacent to the port of Karachi, allowing for additional land for the city to auction to potential developers.















The fluid design language chosen for this site embeds the pavilion to its surrounding natural landscapes. The curvature of the viewing decks mimics the ridge profile of the mountain, allowing the architecture to nestle itself into the summit. The proposal includes public dining, food courts, specialty restaurants, a shopping arcade, an outdoor performance space, as well as a children's recreation area. We believe all this will contribute to creating a new typology of place for tourists and residents of Islamabad.



Daman-E-Koh Islamabad, Pakistan Tony Ashai-ADCC Spring 2021

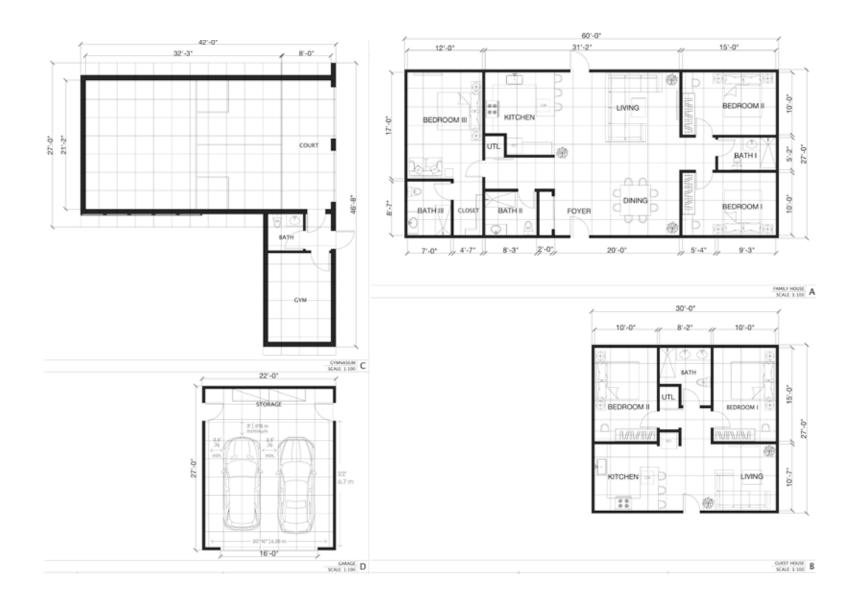
Situated in the Margalla hills, Daman-e-Koh offers a unique panoramic viewing pavilion, in which visitors can enjoy both the mountainous landscape and the urban cityscape of Islamabad. The southernmost end of the site hosts multiple viewing platforms that give guests access to unique views of Shah Faisal Mosque, Rawal Lake, and the newly constructed Seventh Avenue. Our design marries the organic topography of Margalla Hills with the built environment, creating an organic architecture emerging from the hillside.





Thandiani Resort Abbottabad, Pakistan Tony Ashai-ADCC Spring 2021

A ski-resort on par with international ski-slopes from around the world, this project was masterplanned in the mountains of Abbottabad, creating parcels and subdivided land to be developed by future investors.







Desert House

Twentynine Palms, CA Single Family House Fall 2021

This project is one that is personal, as it was our family's first plans for constructing a retreat home. Located in the yucca valley desert, this project imagines a desert ranch with energy efficient structures and drought resistant landscapes.









Type: Light Industrial (LI) Lot Size: 43,552 Sq. Ft. Building Gross Area: 12,820 Sq.Ft. Parking: 26 Stalls First Street Warehouses Simi Valley, CA Tony Ashai-ADCC Summer 2019

This project is currently undergoing a new development planning review by the city of Simi Valley, and has been assigned a case number. The project calls for the construction of new warehouse units, with 10% office designation.

Special considerations were given while working in a FEMA Flood hazard zone. For this, the establishment of a *Base Flood Plain Elevation* is required to elevate the structure by 2'-0" on a concrete building pad.



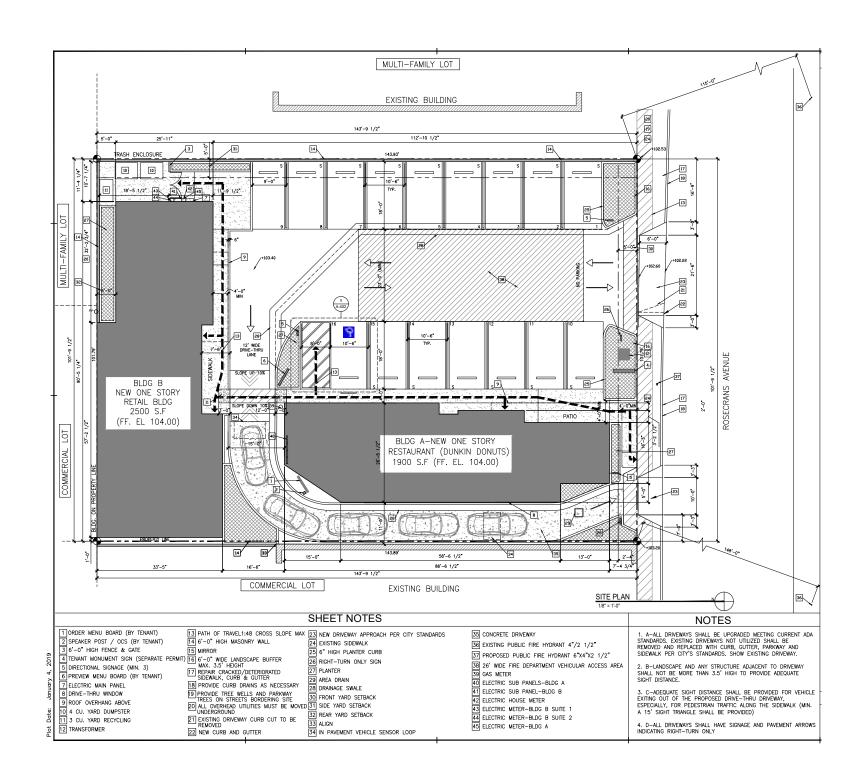


Type: Commercial C-2-PD (POC) Lot Size: 9,779 Sq. Ft. Building Gross Area: 10,963 Sq.Ft. Parking: 20 Stalls

1032 Pacific Coast Hwy Restaurant Redondo Beach, CA

Tony Ashai - ADCC Fall 2019

This proposal for a new potential restaurant on PCH features views of the Pacific Ocean, as well as being located on a pedestrian oriented corridor. The site plan includes a future 10'-0" setback dedication for PCH. The design was able to bypass certain setback thresholds by incorporating a 3'-0" 'display window front' into the building elevation. 150 SQ.FT. of outdoor seating is arranged atop a landscaped deck.







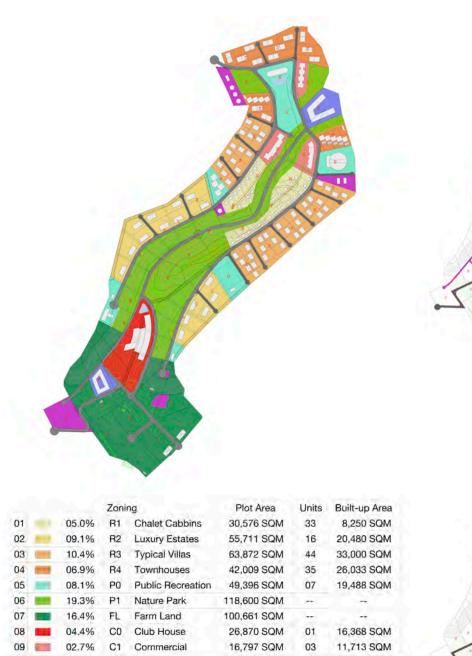
Dunkin Donuts

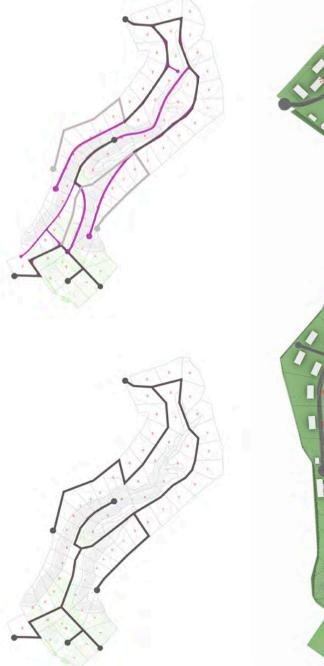
Hawthorne, CA Tony Ashai - ADCC Fall 2019

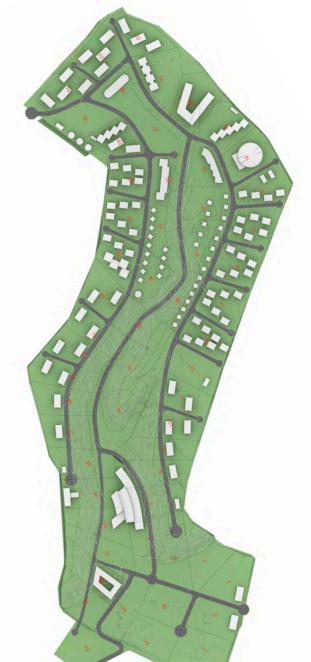
Located on the intersection of Hawthorne and Rosecrans Ave, this was a project consisting two commercial buildings with a parking lot and drive-through for Dunkin Donuts. This projects gave me an insiders look on their product and equipment specifications for operating a retail branch.



Urba Resort 01
LAF Villa 02
MHA Villa 03
ABK Development 04
ABK Residence 05
Al Ghamdi Retail 06
CBC Tower 07
Hive Resort 08
Commercial Building Renovation 09







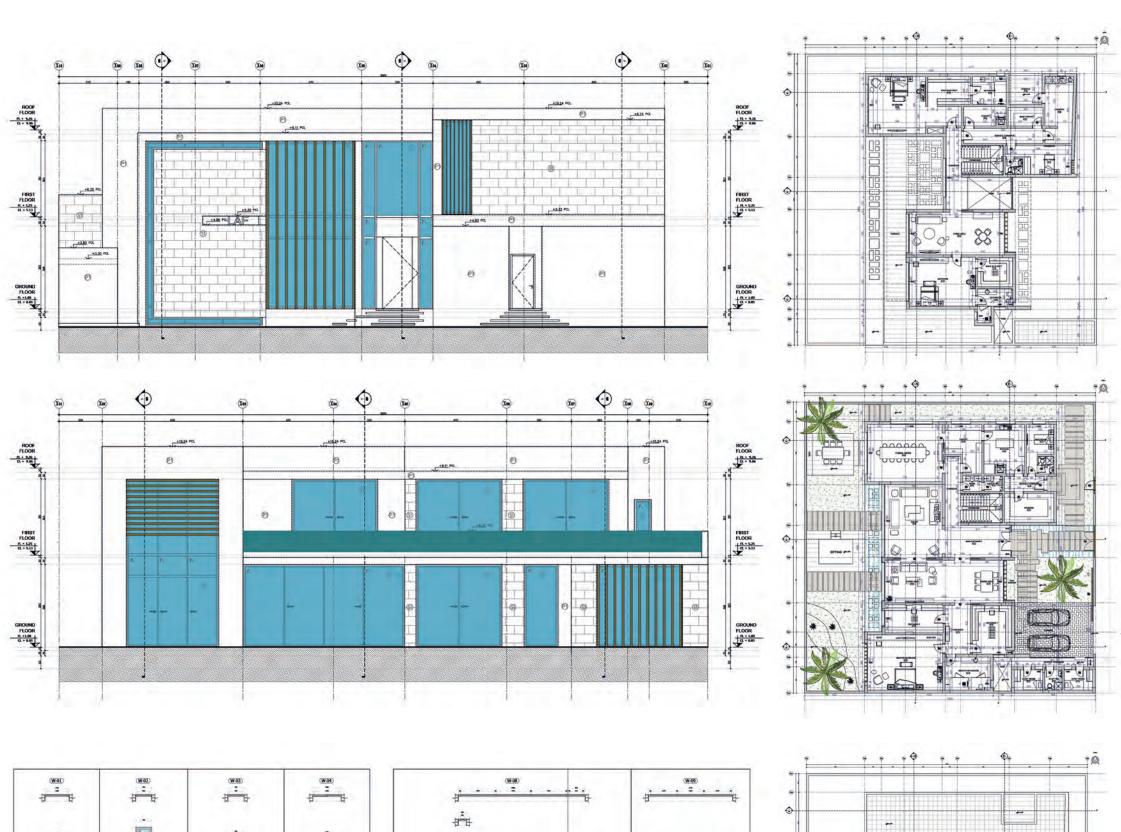


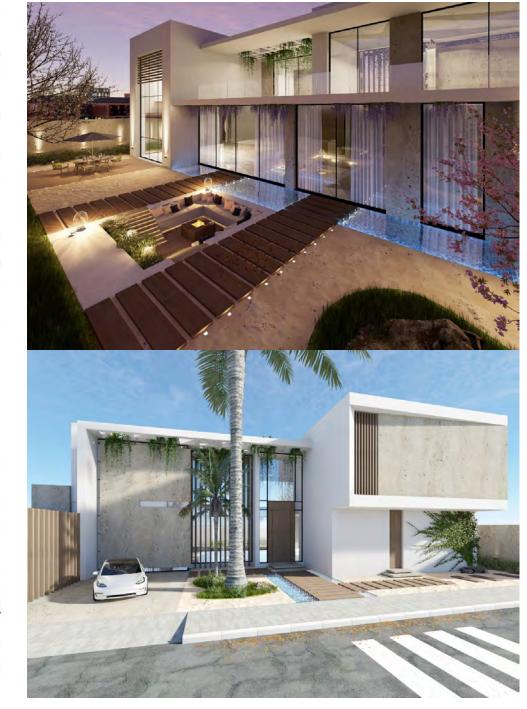




The Urba Resort is a 500,000 m2 farmland development and planned community located on the outskirts of Riyadh. The project is situated on a canyon topography and aims to create over 50 subdivided plots with a network of roads, services, amenities, and parks. The proposed masterplan comprises more than 130+ building structures and units.

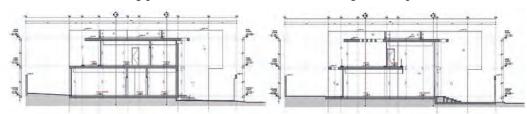


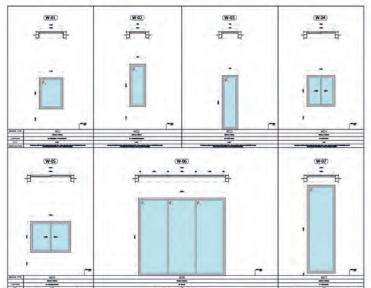


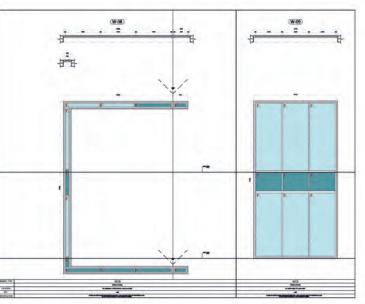


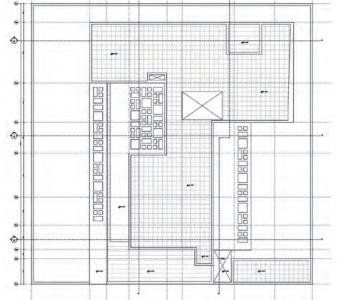
LAF Villa Jeddah, Saudi Arabia Majed Harasani Summer 2022

This project calls for the design of a contemporary single-family villa on a 30m-by-30m plot in the city of Jeddah. The layout was customized according to the client's specific needs, as the ground level hosts a master suite while the first level is designated for family guests. Glass, travertine and wood louvers comprise the elevation materials. Reflecting pools surround the house, creating landscape features.



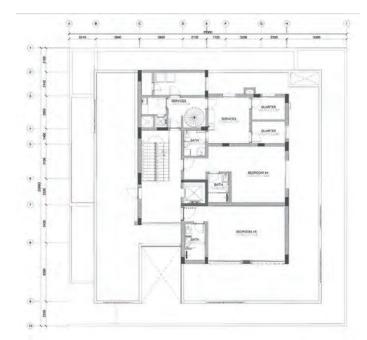














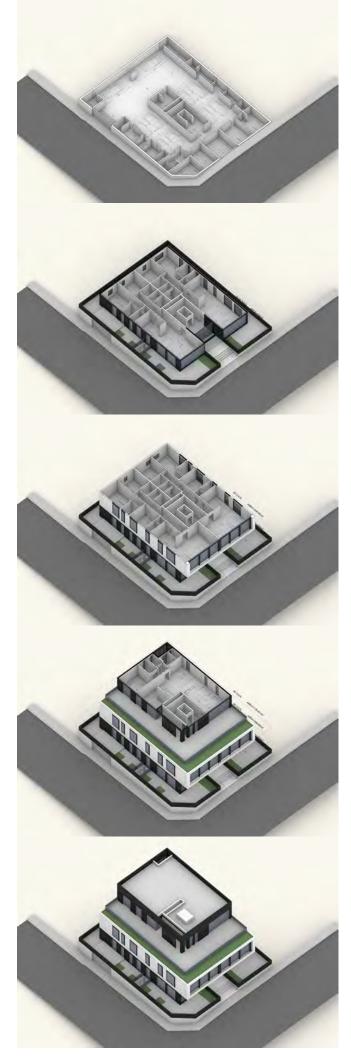






MHA Villa Jeddah, Saudi Arabia Majed Harasani Summer 2022

A series of elevation studies was examined for this single-family project, which is currently under construction in Jeddah. The lot is 625 m2 and accommodates a ground level, first floor and attic. The project called for the redesign of the permitted façade, while considering the existing site work that has been executed by the contractor.









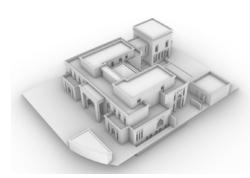


ABK Development Riyadh, Saudi Arabia Majed Harasani Fall 2022

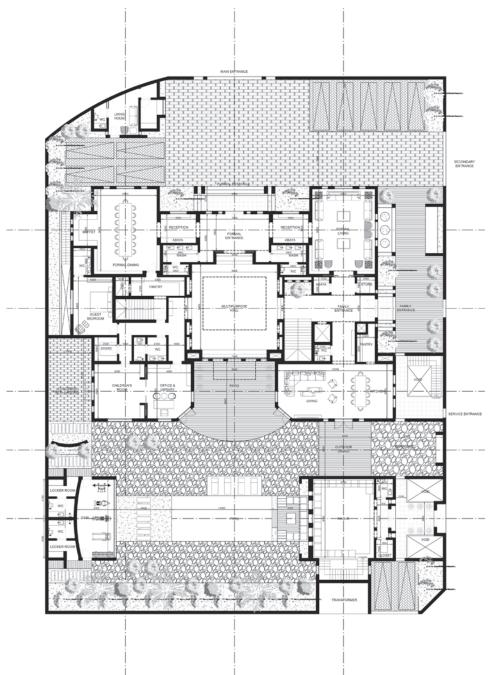
The overall slope difference of this site, of about 2m, allows a basement parking level to be achieved without an extensive ramp length. The apartment building features 5 units of 1, 2, and 3 bedrooms and a large rooftop deck. Careful consideration between program, structures, and apertures was achieved.

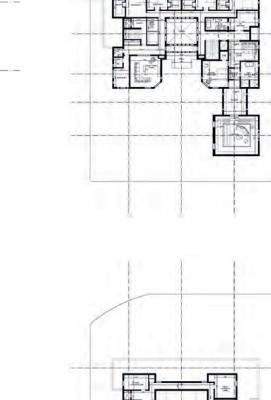


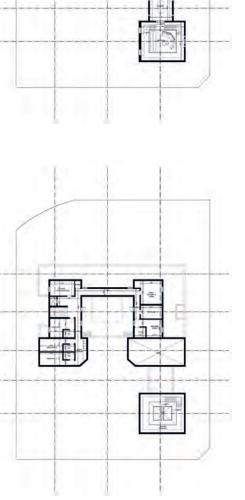


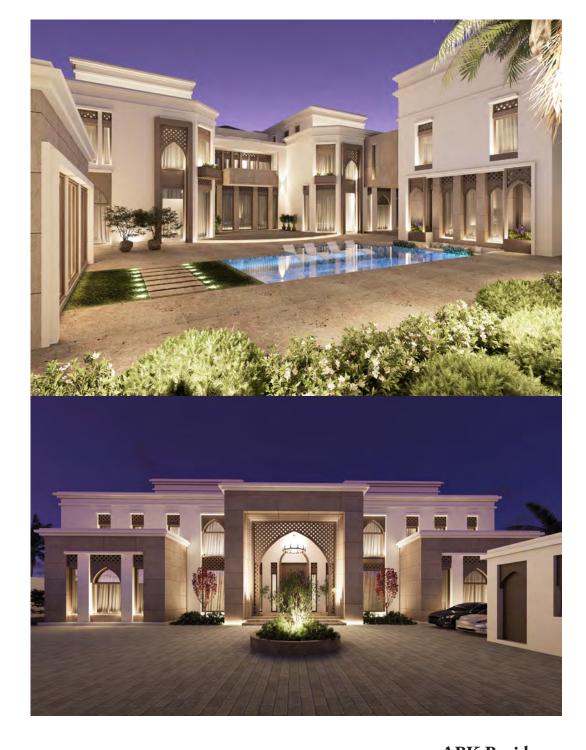








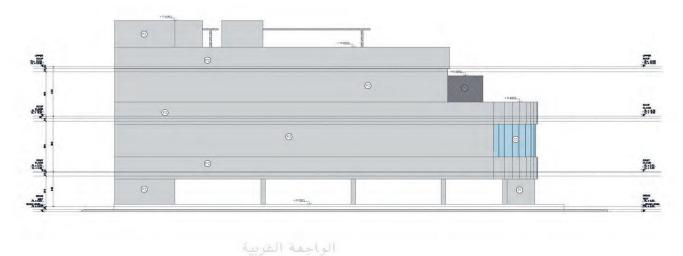




ABK Residence Riyadh, Saudi Arabia Majed Harasani Fall 2022

Taking inspiration from a proposal by a previous architect, this project was entirely redesigned and redrafted to better suit the needs of our client. Elements of partial symmetry were used as a guideline for spatially organizing this project. Aesthetically, the residence embraces more traditional architectural elements inspired by Islamic Moorish architecture, particularly from the southern Iberian Peninsula.

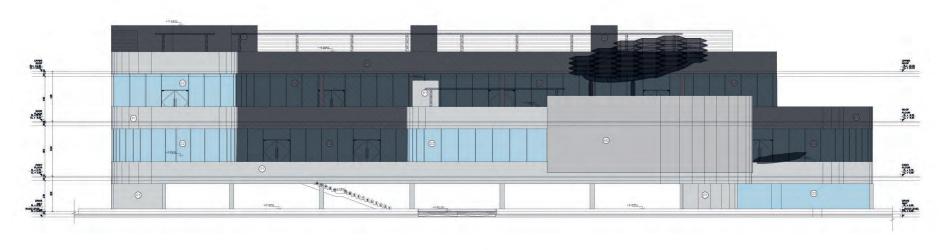




الواحلة العرب

الواحمة الشمالية





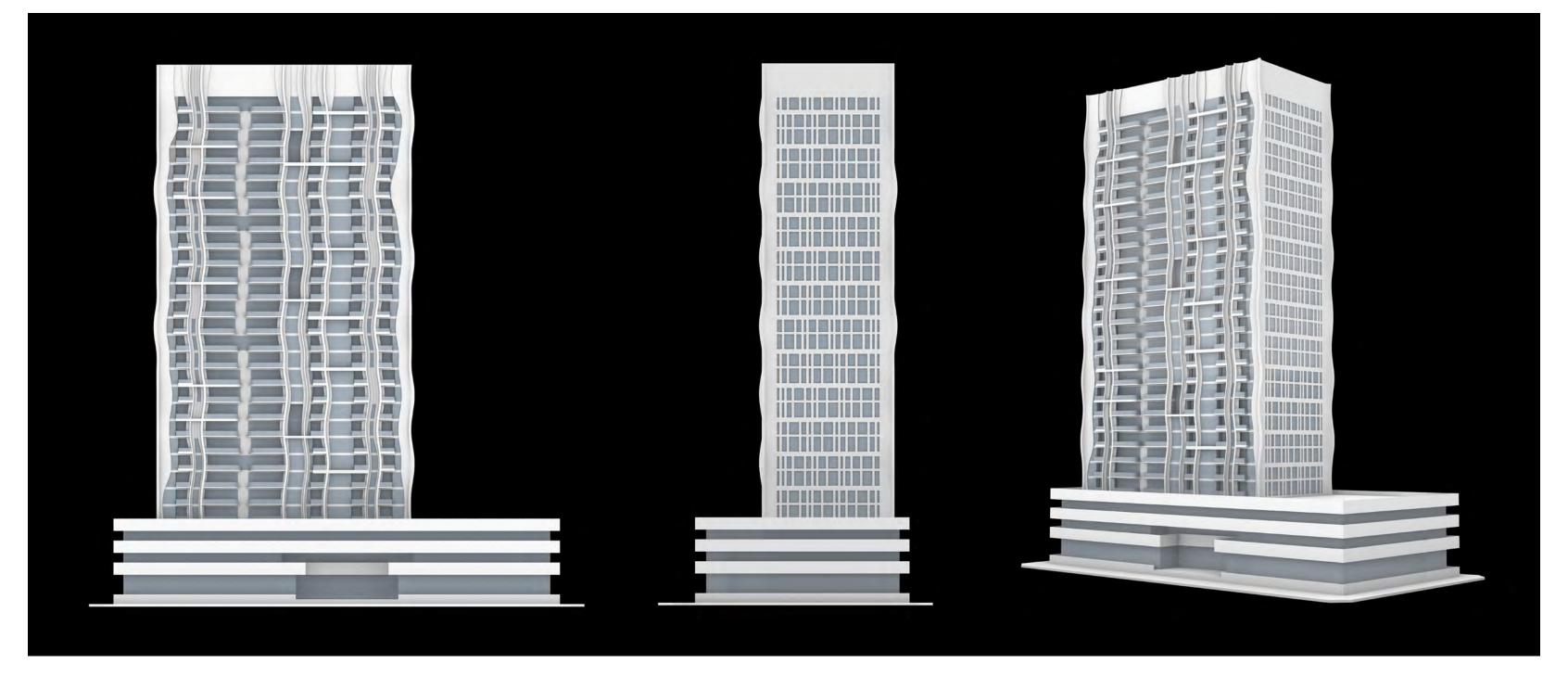
الواحمة الحتويية

Your AD HERE

Al Ghamdi Retail Jeddah, Saudi Arabia Majed Harasani Summer 2022

6

Maximum allowable height limits had to be considered for this retail project development, as well as designated parking count restrictions. Drawings were revised and prepared for permit approvals by the city.



as	Schedule	

Item/Zone	Area Unit	QTY	Area per unit	Total
Underground				
Basement 1 Parking and services	m2			5,0
Basement 2 Parking and services	m2			5,0
Tota	al m2			10,0
Amenities/commercial- Podium (GF-Mezz-FF- SF)				
GF	m2			2,5
Mezz (30% of GF)	m2			7
First floor	m2			2,5
Second Floor	m2			2,5
Circulation & services	m2			
Tota	alm2			8,2
Residential				
1 Bedroom Aartmtment/Studio	m2	70	70	4,9
2 Bedroom Aartmtment	m2	65	120	7,8
3 Bedroom Aartmtment	m2	65	160	10,4
Circulation & services	m2	23100		6,9
Tota	al m2			30,0
Grand Total	m2			48,2



CBC Tower Riyadh, Saudi Arabia Majed Harasani Fall 2022

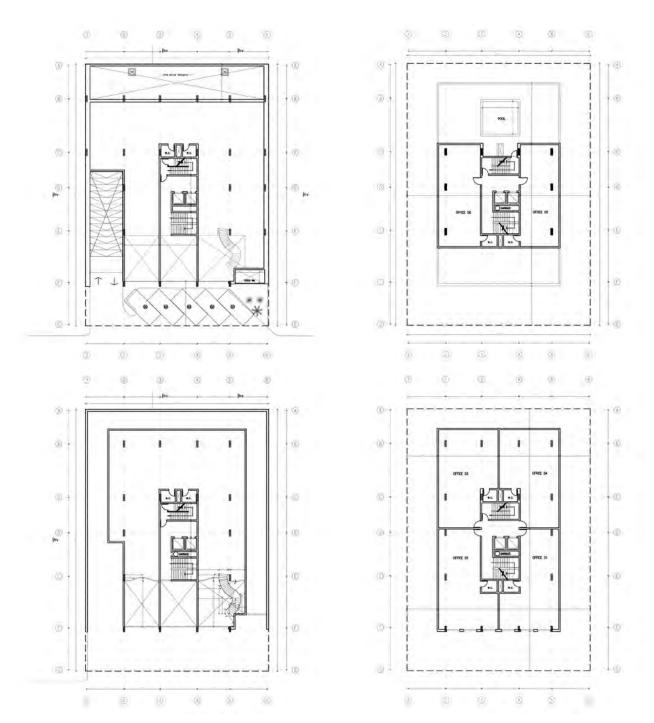
This tower features 25 stories of both residential apartments and a hotel over 3 levels of podium and 2 subterranean basement levels. The proposed façade design, although wavey and curvilinear, is composed of strictly rectilinear and typical floorplates.

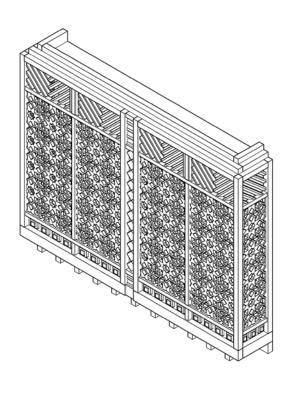


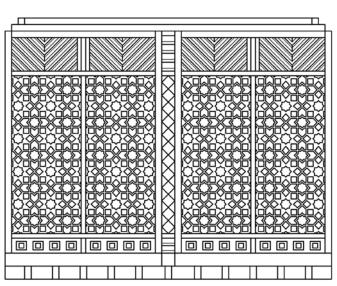


Hive Resort Riyadh, Saudi Arabia Majed Harasani Summer 2022

The Hive Resort is a proposal for a chalet-rental resort comprised of 10 units, each with its own pool and outdoor area. Parking is arranged in such a way to conceal its appearance for visitors entering the site. The property is located within close proximity to King Khaled International Airport in Riyadh.









Jeddah, Saudi Arabia

Majed Harasani Winter 2022

Midway through its construction, this commercial office building was put on hold by its developers. Our office was approached to redesign the elevations, and create a new character for the project. A Mashrabiya, which is a traditional window treatment used in vernacular buildings throughout the Hijaz region, was designed to be installed on the building exterior openings.