



Member
Australian Institute
of Architects
2019

-B. Arch Eng.
(5 years program, with Thesis)
-RAIA,
Australian Institute of Architects
A+ member level 1 (66705)
-ESTIDAMA PQP,
Pearl Qualified Professional
Community (PCRS)
Building (PBRS)
-Recognized as Architect in Dubai.

Previous memberships:
-RIBA AffiliateMember
Membership No. 20018973
-UAE Society of Engineers.
Membership No. 38022.

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ALI TEHAMI

A multi-sector experienced Architectural Designer and Computational Design expert with specialities in building performance & sustainability strategies, complex geometries, algorithmic design, computational BIM, bespoke automation tools, and advanced documentation strategies.

Ali brings his wide international experience, across whole project phases, from many regions where he worked on projects in the Middle-East, Europe, Asia, and Australia. With many years of practice in a top ten largest global Architecture firm, Woods Bagot, he has been a key member in over 60 diverse projects in Education, Hospitality, Workplace, Retail, Mixed-use, Residential, Interiors, Transportation, and Master Planning.

Full of passion for design and technology, Ali has a self-driven enjoyment, passion, and vision for the next generation of Architecture, turning challenges into innovative opportunities and exceeds expectations. Recognized as a dedicated quality-driven team player with a bespoke, yet holistic, approach to design.

WORK EXPERIENCE

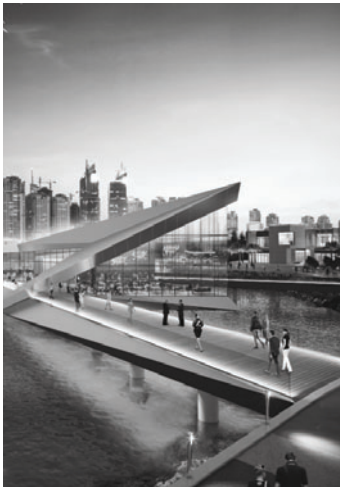
WOODS BAGOT

An International multidisciplinary design firm with more than 145 years of experience, ranked in the top 10 largest Architectural firms in the world.

I have been working with Woods Bagot continuously since 2012, starting in the Dubai Studio and transferring to the Melbourne Studio in early 2017. Have worked on many streams, mainly in Architecture, but also in Interior Design, Urban Design, Masterplanning, and Design Technology. I have started my career with Woods Bagot since I was a student, progressing my role into a graduate Architect, Junior Architect, and Senior Architect.

WOODS BAGOT - DUBAI STUDIO: *August 2012 - March 2017, Architect.*

- I've gained deep exposure to wide range of projects including Hospitality, Workplace, Retail, Mixed-use, Residential, Interiors, Transportation, and Masterplanning Sectors (over 50 projects).
- Worked in multiple Stages and Phases of the projects. Experience spans from Brief understanding, Concept Design, Schematic Design, to Detail Design and construction.
- Direct exposure and interaction with variety of Clients, from Developers, Highly sensitive Government entities, to private individual Clients.
- Led early Design Stages of several projects.
- Was a Member of the Dubai Studio's Social Committee. Mentored, Taught and Tutored several Design & Software skills to other colleagues in Woods Bagot (mainly Computational Design skills).
- Led Design Technology and developed Parametric Design Tools for projects workflows. Acted as BIM manager in several projects.
- Woods Bagot Dubai's Design Computations User Group Leader (Acting as the interface of the Dubai's Studio with the Global Design Technology Group, developing local courses materials, troubleshooting errors for all local users, exchanging knowledge and experiences)
- Sharing Design Knowledge, Process and outcomes with the Global Studio via the internal "Design Intelligence Portal". One of the Top 10 contributors, globally.



SELECTED PROJECTS: EXPERIENCES & ROLES (DUBAI STUDIO)

CITY WALK RESIDENCES

- 10 buildings in an inner development in Dubai creating new standard and lifestyle for the city. By MERAAS Holding, area 100,000 m²
- Worked on the project from its Competition stage till construction
- Concept & Technical design
- Coordinating other building disciplines
- Specifications, Materials and coordinating with suppliers
- Client meetings and coordinations
- Worked in a big multicultural design team

DUBAI HILLS - VILLAS TYPE C

- 6 types of Villas in Dubai Hills Development by EMAAR, DUBAI. Areas: 500m² to 1000m²
- Super Luxurious categorized designs
- Client's meetings & presentations
- Leading Concept designs with the Design Director
- Design management with the Design Director
- Coordinating internal "Global Studio" workflow, Dubai and Perth Woods Bagot's Studios

BLUEWATERS - THE DUBAI EYE

- Retail project in the World's largest Ferris Wheel project by MERAAS Holding in Dubai.
- Leading Concept Design elements of the project
- Coordinating with other disciplines (Structural, Electrical, Mechanical, Public Health, Audio Visual, Lighting, Specialist of ETFE canopies, Specialist of Ships-like structures)
- Client's meetings & presentations
- Using BIM as a platform of work

QATAR RAIL, DOHA METRO

- Using BIM as a Platform of work to a level of LOD 300
- Leading Design Technology of the project
- Leading the modelling of the most complex component of the project for 3 stations (3d Vaulted Ceilings)
- Using Grasshopper with Flux and Dynamo to generate complex geometries into the Revit Model

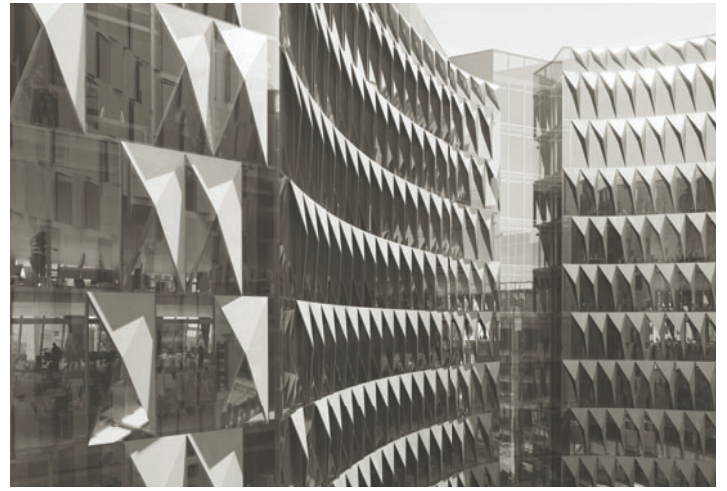
MERAAS LUXURY VILLAS COMPETITION

- Three types of Beach Luxury Villas
- Worked on the Concept design package including Architectural design, marketing brochure, materials palette, rendered drawings and perspectives.
- Worked within a Global Studio workflow between Woods Bagot's Dubai & London offices.
- Dealt with and coordinated Outsourcing processes to a third party Visualization company.
- Winning the competition brought major projects to Woods Bagot, CityWalk residences & Hotel-One.

EMAAR LUXURY VILLA COMPETITION

- Golf Course high-end luxury villa
- Leading Architectural Design & Concept package.
- Client communications
- Winning the competition brought major work to Woods Bagot: Mulberry Heights Residences, Dubai Hills Villas type C, 2 Towers in Belgrade, sales centre, among other masterplanning & architectural projects

**Other Projects List is Attached in last page*



WOODS BAGOT - MELBOURNE STUDIO: ***March 2017 - Current, Architectural Designer***

Working on multiple projects across the Melbourne studio and the Woods Bagot global studio. Working on some projects as a full-time resource while providing specialist project support to others:

- Melbourne Connect.
- Hobart Airport Expansion
- Federal Street mixed-use tower, Auckland.
- 80 Collins Street.
- 405 Bourke Street.
- Young Husband.
- Melbourne Business School.
- Melbourne Quarter Tower.
- 1000 Latrobe Street Tower.
- Sculptform Showroom.
- Sylviya Park Tower, Auckland.
- Several Competitions and bids.
- Actively seeking specialist projects and Academia research opportunities in the form of industry-Academia Collaborations.
- Melbourne Studio Design Technology.
 - Provide Studio-wide & project-specific Trainings & Solutions.
 - Develop Cutting-edge Methods of Architectural Design.
 - Develop Cutting-edge Methods of Architectural Documentations.
 - Weekly reviews of studio-wide-projects' delivery systems, providing directions and specialist support and best-practices to resolve complex issues.
- Global Studio BIM Automation Tools.
- Local Studio's Weekly internal knowledge sharing publishing contributions, representing the Local Design Technology Team.
- Representing Woods Bagot Externally: Industry, and Academia Contributions:
 - Supporting University of Melbourne Students in research.
 - Collaborating with Swinburne University on courses syllabus and planning visitor lecturing
 - Planning Industry-Academia Collaborations with Swinburne University, courses syllabus discussions, and visitor lecturing.
 - Fast Company 'Innovation by Design' Award Entry
 - Attend and Engage at local Industry & Academia Events: MelBIM, RMIT, Swinburne University.



SELECTED PROJECTS: EXPERIENCES & ROLES (MELBOURNE STUDIO)

MELBOURNE CONNECT

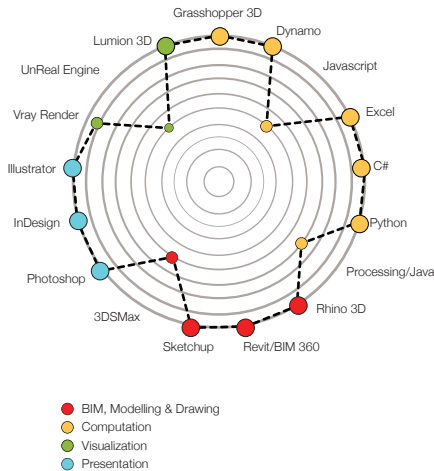
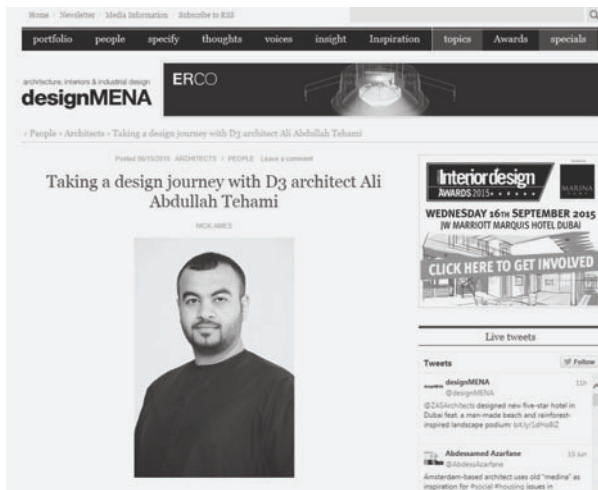
- Leading Facade component of the Melbourne Connect project with coordinations, client meetings, contractor and fabricators discussions, speciality bespoke solutions to complex design issues. Ranging the experience and leading the package from early concept till construction and shop drawings reviews & RFI's resolutions. Experience in multiple building envelop systems, Curtain walls (standard system & CLT integrated), Rain screens, Brickwork with complex 3D geometries and interweaving bespoke patterns, and window systems.

HOBART AIRPORT EXPANSION

- Leading the Facade component of the complexly-staged Airport expansion project ensuring continuous operations and services for passengers and Airport staff. Being the Design Technology Leader of the Global Studio Project (Woods Bagot, Melbourne & Perth studios) ensuring the team's efficiency & productivity will never be compromised by the complex nature of the project and the big team. As a combination between Facades and Design Technology, I have been introducing many sustainability driven innovations to the project while coordinating with external consultants.

COMPUTATIONAL DESIGN LEADERSHIP

- Leadership of Computational Design implementations in projects and the research and development of innovative tools, workflows, and computational design methodologies across the studio. I am also responsible for relative training, coaching, and mentoring of staff within the studio to upskill potential talents and create a local-studio Computational Design Community. Working with multidisciplinary teams creating new digital and data-centric design methodologies, tools, and techniques with a focus on project innovation and expert knowledge of workflows, processes and tools development in computational design, performance analysis, optimisation, fabrication, interaction design, advanced documentation and automation. Main values of the role are Design innovation, Complex problem solving, Geometry expertise and time-saving Design & Automation tools development.



SOFTWARE SKILLS

Revit, Dynamo, Rhino 3D, Grasshopper 3D, Autocad, Sketchup, Photoshop, Indesign, Illustrator, 3DSmax, Vray Render, Lumion 3D, Maxwell Render, Unreal Engine, Advanced Excel (Solver, What-if, fx), and Design computations coding skills with C#, Python, Java (Processing), JavaScript, Revit API, Rhino API, Grasshopper API, Dynamo-Python.

MASTER CLASSES

- Algorithmic Design with Grasshopper 3D. By Robert McNeel & Associates, 2013.
- "Landmark". By Ma Yansong, MAD Architects. 2013
- "Nested figures & loose outer shells". By Tom Wiscombe, 2012
- "Sensory Detective" An interactive Architecture responding to change. SmartGeometry 2016.
- ParaGuru Symposium and Ladybug Sustainability Simulations Workshops, November 2018.

ACADEMIA

Royal Institute of British Architects, RIBA Part III course "Advanced Diploma in Professional Practice in Architecture", 2015-Currently on Hold, while focusing on AACA & the Australian ARBV Architects Registration process.

Bachelor of Architectural Engineering,

University Of Sharjah, Sharjah, UAE. 2007-2012. Notable mentions:

- Key founder of the Sharjah Architectural Students' Association, SASA. Vice president 2008-2009, President 2009-2010, & Advisor 2010-2011.
- Students Council, Active member and nominated to represent the college of Engineering, 2011.
- Research Assistant in a development project with SHUROOQ (Sharjah's government developer), 2011.
- UAE's Architectural Heritage Society, Sharjah's branch. Executive board member. 2011
- IDEAS ARABIA, Speaker at the international conference in 2010 about innovative design project done for an F&B local brand in collaboration with Students.
- ICCROM, Voluntary organizer in the international Conference held at the University of Sharjah, 2009
- Ajman International Urban Planning Conference. Selected participant to represent the University of Sharjah's Architectural Engineering Department in a private design workshop of the conference.
- Teaching&Tutoring several workshops of 3DSmax, Revit, AutoCad, Photoshop, Sketchup, & Maxwellrender

University of Sharjah's Architectural Engineering Program Advisory Committee Member, 2016 - present.

Al Ahliya Private Schools, High School, Graduated in 2007, 92.5% Scientific Stream.

MEDIA & AWARDS

- Jabal Ali Village, Masterplanning project with AlWasl developer in Dubai: Its launch by the ruler of Dubai was mentioned in the newspapers: <http://gulfnews.com/news/gulf/uae/tourism/mohammad-launches-several-projects-1.1459249>
- Dubai Design District, Masterplanning and Facades project was on CNN: <http://edition.cnn.com/videos/world/2015/03/10/transformations-dubai-design-district.cnn>
- Guinness World Record, Project Architect of the "Largest Dove Of Peace", it was part of the Dubai Peace & Sports International forum 2013
- 3D modelling of the University of Sharjah campuses, leading a team of 7 students to 3d-model & visualize the project. Published in newspapers: <http://www.albayan.ae/across-the-uae/1265978150033-2010-06-17-1.255969>
- Sharjah Islamic Bank Award for Distinguished Research 2011-2012. 1st place award for my thesis "Al Khan Area in Sharjah, from memory to place making"
- UAE Universities Annual Art Exhibition 2011, 1st place for best Art work.
- Art Exhibitions in Atlantis Hotel in Dubai's Palm Island & at the University of Sharjah.
- Featured in the "Middle East Architect" Magazine, June 2015/ Volume 09/Issue 06/Pages 14 & 15
- Featured in "Design Mena" Website (*Taking a design journey with D3 architect Ali Abdullah Tehami*) <http://www.designmena.com/people/taking-a-design-journey-with-d3-architect-ali-abdullah-tehami>
- Featured article in ArchDaily for the project: Melbourne Innovation Precinct, Melbourne Connect <https://www.archdaily.com/892364/woods-bagot-rethinks-higher-education-for-the-university-of-melbourne>

PROJECTS LIST BY SECTOR

WORK EXPERIENCE

WOODS BAGOT (DUBAI & MELBOURNE)

August 2012 - Current

1. HOSPITALITY

- 1.1. HOTEL 1, CITYWALK, DUABI, UAE
- 1.2. HILTON HOTEL, DOWNTOWN BURJ KHALIFA DISTRICT, DUBAI, UAE

2. WORKPLACE

- 2.1. QATAR PETROLEUM HQ; DOHA, QATAR (AUDITORIUM DESIGN & PLANNING)
- 2.2. KHALIFA BIN ZAYED FOUNDATION & EMIRATES INVESTMENT AUTHORITY HQ
- 2.3. STANDARD CHARTERED BANK; ACCRA, GHANA
- 2.4. QIMC WORLD CUP TOWER COMPETITION, DOHA QATAR
- 2.5. DUBAI DESIGN DISTRICT PHASE 1
- 2.6. EAGLEHILLS (TRADEWINDS PREVIOUSLY) SALES CENTRE
- 2.7. JUMEIRAH VILLAGE CIRCLES TOWER
- 2.8. DP WORLD HEAD OFFICE
- 2.9. TNB MALAYSIA OFFICS COMPLEX
- 2.10. WUHAN OCEANWIDE OFFICE TOWER SALES CENTER
- 2.11. MELBOURNE QUARTER TOWER.
- 2.12. POLY CENTRE MELBOURNE, 1000 LATROBE STREET TOWER.
- 2.13. 405 BOURKE STREET, MELBOURNE.
- 2.14. SYLVIYA PARK TOWER, AUCKLAND.

3. RETAIL

- 3.1. RETAIL MALL; IN THE MIDDLE EAST – 1001 CITIES MALL
- 3.2. CARPET MALL; DUBAI, UAE
- 3.3. BLUE WATERS RETAIL DEVELOPMENT

4. MIXED-USE

- 4.1. DUBAI TOWER; DOHA, QATAR
- 4.2. CITY WALK RESIDENTIAL DEVELOPMENT, DUBAI, UAE
- 4.3. TWIN TOWERS DESIGN, BELGRADE
- 4.5. EMIRATES GOLF COURSE TOWERS
- 4.6. DUBAI EXPO 2020 SOUKS
- 4.7. PROJECT AVENUE, OMAN INVESTMENT FUND (RIBA COMPETITION)
- 4.8. FEDERAL STREET MIXED-USE TOWER, AUCKLAND.
- 4.9. 80 COLLINS STREET.
- 4.10. YOUNGHUSBAND, REFURBISHMENT & REPURPOSE.

5. RESIDENTIAL

- 5.1. DAMAC GOLF COURSE RESIDENTIAL DEVELOPMENT; DUBAI, UAE
- 5.2. PALM JUMEIRAH PRIVATE VILLA; DUBAI, UAE
- 5.3. MERAAS - ISLAND2 VILLAS COMPETITION; DUBAI, UAE
- 5.4. EMAAR VILLA COMPETITION
- 5.5. EMAAR DUBAI HILLS APARTMENTS – MULBERRY HEIGHTS
- 5.6. EMAAR DUBAI HILLS VILLAS
- 5.7. DUBAI'S CROWN PRINCE 4 CONCEPT VILLAS
- 5.8. JUMEIRAH GOLF ESTATES EXEC 20 VILLAS
- 5.9. MASDAR - ETIHAD CABIN CREW STAFF ACCOMMODATION
- 5.10. SHAMS MIDDLE INCOME HOUSING (MEERA)
- 5.11. SHAMS MARINA HOTEL, APARTMENTS & BEACH CLUB

6. MASTER PLANNING

- 6.1. MASDAR PHASE 1 MASTERPLAN STUDY
- 6.2. DUBAI FASHION PARK MASTERPLAN / D3 MASTER PLAN
- 6.3. SHARJAH AVENUE MASTERPLAN
- 6.4. THE MAZE MASTERPLAN
- 6.5. JEBEL ALI VILLAGE MASTERPLAN
- 6.6. ROCHA PINTO MASTERPLAN, LUANDA, ANGOLA
- 6.7. AL JADAH MASTERPLAN, SHARJAH UAE
- 6.8. EXPO 2020 URBAN PLANNING & PUBLIC REALM
- 6.9. AL MASHTAL MASTERPLAN DEVELOPMENT
- 6.10. APPLECROSS MIXED USE MASTERPLAN DEVELOPMENT, PERTH AUS.

7. INTERIORS

- 7.1. ETIHAD AIRLINES LOUNGES
- 7.2. CDOP END OF TRIP FACILITIES, BRISBNE AUSTRALIA.
- 7.3. SCULPTFORM SHOWROOM.

8. TRANSPORTATION

- 8.1. QATAR RAIL, DOHA METRO
- 8.2. MELBOURNE METRO, AUSTRALIA.
- 8.3. SEVEN SISTERS CROSSRAIL STATIONS, UK.
- 8.4. HOBART AIRPORT EXPANSION, AUSTRALIA.

9. EDUCATION

- 9.1. MELBOURNE INNOVATION PRECIENCT, MELBOURNE CONNECT, AUSTRALIA
- 9.2. MELBOURNE BUSINESS SCHOOL, MELBOURNE, AUSTRALIA.