



SALVIE DITAN
SENIOR DRAFTSPERSON
CURRICULUM VITAE

SALVIE DITAN CV



PROFILE

Salvie is a dedicated and detail oriented Structural Revit Modeller with over 16 years of combined experience. She has been involved in various small to large scale projects both in the architectural and engineering fields.

Salvie gained most of her experience in New Zealand, Singapore and Philippines. She has been involved in various projects ranging from schools to high-rise commercial and office complexes, hospitals, residential, aged care facilities, apartments, condominiums, sports complex, bridges and highways.

She learned and established good work ethic and organizational techniques in a fast-paced working environment. She's passionate and continuously develops her skills to keep updated and be more efficient in her craft.

QUALIFICATIONS

BS Architecture, Philippines, 2002

BIM with Revit Structure 2013 – Basic and Advanced Course

Autodesk 3D VIZ, 2007

Autodesk Revit Level 1.0, 2007

CAREER HISTORY

2020 – Present, Senior Draftsperson – Structus Consulting Limited

2016 – 2019, Senior Revit and AutoCAD Draftsperson – HFC Civil and Structural (North) Limited, New Zealand

2010 – 2016, Civil & Structural Senior Design Draftsperson – WSP/Parsons Brinckerhoff Pte Ltd., Singapore

2008 – 2010, CAD Designer – CadSkills Pte Ltd., Singapore

2006 – 2008, Civil and Structural Draftsperson – DCCD Engineering Corporation, Philippines

2004 – 2006, CAD Designer – Freelance Practice, Philippines

2004, CAD Drafter – DM Briones Construction, Philippines

2002 – 2004, Project Coordinator/CAD Drafter – MDL Design Build Architects, Philippines

2000 – 2002, CAD Drafter – Alfredo

TECHNICAL SKILLS

- Proficient in using drafting software such as Revit and AutoCAD in preparing engineering design and detailed drawings
- Read and understand architectural drawings and produce structural model and details under limited supervision
- Ensure drawings are produced according to company drafting standards and

adhere to office drafting procedures, with planning and documentation of large-scale projects in a timely manner and well-coordinated

- Flexible team player, working to meet deadlines and deliver drafting services within agreed time frames

PROJECT EXPERIENCE, NEW ZEALAND

RETAIL PROJECTS

Supermarket Refurbishments, NZ wide, 2020 - present, \$2-10m

Refurbishment of over 2 no. Countdown and Fresh Choice supermarkets to date for Woolworths NZ, including new mezzanines, concrete slabs, structural bracing, rooftop plantrooms, bulkheads, partition walls, pylon signs, building component seismic restraints and floor trenches. Provided structural engineering design, Revit documentation and construction monitoring.

APARTMENT PROJECTS

Waterview Apartments, Auckland, 2019

This project consists of 3 Buildings 1, 2 & 3 with 3 Storey each located in Oakley Avenue, Great North Road Waterview, the three buildings have timeless brick and precast concrete facades. Constructed to the latest engineering and earthquake standards. Exterior walls constructed of selected clay bricks over a 50mm cavity and precast decorative concrete panels. Concrete slab foundations on concrete ground beams. Structure has been designed with concrete, steel and timber load bearing walls with concrete mid-floors. Solid timber decking on concrete balconies. Metal roof profile with powder coated finish.

McKinnon Apartments, Auckland, 2019

Proposed New Development of 4 Storey Apartment at 13 Vinegar Lane Ponsonby.

Development Ltd, Lot 21, Auckland, 2019

Proposed New Development of 4 Storey Apartment at Lot 21, 4 Vinegar Lane Ponsonby.

AGED CARE PROJECTS

Lady Allum Retirement Village Stage 1, Auckland, 2018

This project consists of 3 Storey Residential Apartment and Carparks at Milford, Auckland. Lady Allum has a Rest Home and Hospital facility onsite with a choice of standard rooms or spacious care suites. The structure has been designed with precast walls from Ground to Second Floor Level and Level 2 to Roof designed as Timber walls. Structural engineering design from concept and through construction.

Windermere Rebuild Stage 1, Christchurch, 2018

Redevelopment with brand new apartments for independent living comprises a 2 Storey and 3 Storey Residential Apartment with 139 rooms and units including 68 mostly two-bedroom apartments, Central Courtyard and Carparks.

Maureen Plowman, Auckland, 2016

Situated in the heart of Browns Bay, the former Maureen Plowman Retirement Village is currently undergoing a major redevelopment. Healthcare's new luxury facility will comprise of 5 Storey Apartment with 64 independent living units, 44 aged care units and restaurant, café, bar and gymnasium facilities, has been designed to

feature spacious care suites including hospital-level care as well as premium independent living apartments.

EDUCATION PROJECTS

Unitec School of Architecture, Auckland, 2019 - present, \$11m

The School of Architecture project consists two storeys of open plan, high quality learning spaces interconnected with the existing heritage building in a prominent position on the campus. The new extension seamlessly integrates with the existing building, and complements the architecture of the existing building, which will also house the School of Architecture. The structure generally comprises steel frame with concrete filled columns, Comflor slab and Hyspan purlins, with stainless steel cross bracing. Structus services comprise structural and civil engineering design, and through construction monitoring.

Auckland Normal Intermediate, Auckland, 2020-present, \$10m

A 1,000m² Teaching Space and a new 730m² Multi-Purpose Space. The Teaching Space is a two-storey structure. The Multi-Purpose Space is a long span structure. Structus is providing full structural engineering design, documentation, and construction monitoring services.

Pompallier College, Whangarei, 2020 - present

A new single storey 4 no. teaching space classroom block, plus a Detailed Seismic Assessment and refurbishment of 2 no. two storey existing classroom blocks. Structus is providing full structural engineering design, documentation and construction monitoring services.

Western Springs College, Auckland, 2016

Redevelopment of Auckland's Western Springs is the largest single investment in a School in New Zealand. This project consists of a 3 Storey Steel Structure Main Block, Single Storey Steel Portal Frame Gymnasium, with precast concrete panels that adjoins the northern face of the buildings, 2 Storey Building Rumaki with precast concrete panels, Single Storey Steel Portal Frame with low level precast concrete panels.

HIGH END SINGLE DETACHED RESIDENTIAL PROJECTS

Coates Residence

Proposed 1 Storey New residence at 167 Tongue Farm Road, Matakana.

Buckleton House

Proposed 2 Storey New House at 71 Buckleton Road Northland.

New Residence for Tokoeka Properties

Proposed 1 Storey New residence at 70 Stanley Point Road, Stanley Point, Auckland.

Lu House

Proposed 2 Storey New House at 36 Dell Avenue Remuera.

New House

Proposed 2 Storey New House at 37-39 Tautari St. Orakei, Auckland.

New Residence

Proposed 1 Storey New residence at 59-61 Beach Road, Castor Bay.

New Residential Dwelling

Proposed 1 Storey new residential dwelling at Lot 46 Hill Country Estate, Hawkes Bay.

Alterations and Additions

Additions and alteration of existing house at 1 Judges Bay Road, Lot 2, Parnell.

PROJECT EXPERIENCE, SINGAPORE

HEALTHCARE PROJECTS

Changi General Hospital, Medical Centre

Proposed Development of 9 Storey Medical Centre Cum Administration Office with Basement and Carparks for Changi General Hospital. Seamless connectivity to the other parts of the campus is achieved with accessible covered link-ways from the public bus-stop to the shared canopy with CGH Main Building on ground level. Link-bridges connect the new building to existing CGH at levels 2, 3 and 4 for ease of patients transfer amongst the 3 buildings. It was developed along the concept of "Village Community" where conducive home-like environments that help optimise patients' recovery and independence were interspersed amongst generous therapy gardens, preparing the patients for an optimal transition back to home.

Integrated Building Changi General Hospital

Proposed Development of 9 Storey Integrated Building Changi General Hospital. The new Integrated Building is a 280-bed facility set up to bridge the gap between services provided by the Changi General Hospital and the St. Andrew's Community Hospital. Catering to patients who may be in acute condition but require long-term care in rehabilitative settings, the environment was designed to be

patient-centric, age-friendly, flexible and sustainable.

SCHOOL PROJECTS

Faculty of Dentistry

Proposed erection of 4 Medical Block for Faculty of Dentistry within National University of Singapore in Kent Ridge Campus, has been designed for the end users' needs through careful study and technical research combined with aesthetic considerations. The design encompasses a curved glass facade reflecting the site contexts, creating interesting internal spaces, with a three-story foyer main entrance that is lit by natural light filtered through skylights. The key signature feature of the building is the landscape courtyard, providing that sense of daylight ambience throughout the building with the use of full height glass façade and fitted with vertical fins to effectively control the heat gain. Facilities consist of offices, labs, dental clinics, tutorial rooms, seminar rooms, x-ray unit and student lounge.

Apartment Hostels & Faculty Blocks at Singapore University of Technology and Design

Campus housing (Three 11 Storey Student hostel blocks & two 11 Storey Faculty Blocks and 2 staff apartment blocks) and sports facilities for SUTD (Singapore University of Technology and Design) realizing the university's vision for a walkable, 24/7 campus that has academic, housing and recreational facilities within close proximity of one another. Capturing in built form SUTD's educational pedagogy of collaborative learning, the residential-recreational precinct is liberally interspersed with pockets of interaction spaces, setting up the platform for an open, creative environment.

Singapore University of Technology and Design East Coast Campus

Singapore University of Technology & Design (SUTD), the country's fourth public university previously situated at an interim campus at Dover, has relocated to a new campus in Changi. Lying close to Changi Airport and Changi Business Park, in a 106,000m² campus. The 83,000m² academic building features a non-linear design that creates synergy between different departments, faculty and students, promoting innovation and creativity. The new academic cluster consists of five interconnected buildings. Buildings one and two each comprise seven floors. The exterior gives the impression of dense and separate blocks, but the inclusion of diagonal and framed-view corridors, vertical and horizontal connections, covered walkways and tapered elevations creates openness and connects the cluster of buildings to create unit.

COMMERCIAL AND RECREATIONAL PROJECTS

Star Performing Arts Singapore

11 Storey Civic Cultural & Commercial Building Rock Productions Concert Hall with 4 Basements at Vista Green/Rochester Drive. The Star Performing Arts Centre is one of Singapore's largest performance venues, with a 5,000-seat auditorium for concerts and other cultural events, a 770 m² multipurpose hall for banquets and meetings, a 300-seat outdoor amphitheatre and a rooftop garden.

Biopolis Life Exchange

7 Storey Multi-user Business Park Development with 2 Levels of Basement Carpark & Mezzanine Floor on 1st Storey (Biopolis Life Exchange) at Biopolis Drive.

Additions and Alterations of Existing Ocean Tower

43 Storey Office Building A/A of Existing Ocean Tower to a 5 Storey Carpark with 1st Storey Shopping A/A to Existing 3 Basements with New Underground Pedestrian/Shopping Mall at Collyer Quay (Downtown Core Planning Area).

Orchard Residences and ION Orchard Singapore

This major mixed-use development located on Orchard Road in Singapore, a prime shopping area, offers 56 stories of luxury apartments and 710,500 square feet (66,000 square meters) of retail space comprising 4 Basements & 4 Storey Retail, 4 Storey Carpark with Residential Tower Block (175 Units). The development was constructed using advanced techniques that allowed this complex project to be completed within 18 months for the first phase, and 30 months for the entire project. An unusual top-down construction method, with extensive use of precast elements to reduce construction time, was employed for construction of the 56-story residential apartment complex. The development, which is integrated into the existing mass transit station, also uses a unique transfer system known as mega-trusses—the first for a commercial development in Singapore—comprising multiple long-span steel trusses with a structural depth of over four floors.

AGED FACILITY PROJECT

Ministry of Health Nursing Homes

Proposed new erection of three 8 Storey Nursing Homes one building in each location at Punggol East, Sembawang Crescent & Yishun Central.

RESIDENTIAL PROJECTS

Trilight Condominium

Condominium Housing Development comprising 2 Blocks of 30 Storey Residential Buildings with a Basement Carpark, Swimming Pool & Commercial Facilities at Newton Road (Novena Planning Area).

Pasir Ris Parcel 5

Proposed new erection of 12 Blocks Condominium Housing Development consisting of 944 Units & 6 Ancillary Commercial Units on Parcel 3 with 2 Basement Carparks & Swimming Pool at Pasir Ris Grove/Pasir Ris Drive 1.

SPORTS COMPLEX PROJECT

Hockey Spectator Gallery

3 Storey Hockey Spectator Gallery, Hockey Pitch & High Mast Lighting for Singapore Sports Council at Anchorvale Road (Sengkang Planning Area).

INFRASTRUCTURE PROJECT

Eastern Region Line

The key feature of this package is a one-of-its-kind 4-in-1 depot for three MRT lines stacked on three different levels (underground, at grade and elevated) and integrated with a bus depot for 550 busses, all tightly arranged in order to minimize the land-take over an area of less than 30ha. The contract also comprises C+C Main Line tunnels for approximately 2km of main line ERL and 2.4km of extension of the Downtown Line (DTL) from the overrun tunnel of Expo Station, one three-level basement interchange station between the two lines and one two-level station, Reception Tracks tunnel (also C+C) connecting to the Rail Depot and all the

facilities associated with train and bus stabling and maintenance.

PROJECT EXPERIENCE, PHILIPPINES

Yamaha Motor Philippines, Batangas

Proposed Site Development for Yamaha Motor Philippines New Factory Project, Lipa Malvar, Batangas.

Petron Aparri Depot

Redesign the Existing Shoreline Protection Work at its Petron Aparri Depot, Cagayan.

Circumferential Road Segment 8.1 (C5)

Detailed Engineering Design of Northern Part of Circumferential Road Segment 8.1 Mindanao Avenue & Segment 9, North Luzon Expressway to Mc Arthur Highway Project Manila.

Temporary Facilities for Segment 8.1

Detailed engineering design for the temporary facilities for Mindanano Avenue to NLEX & Segment 9 NLEX to Mc Arthur Highway Project Manila.

Subic Freeport Expressway

Detailed engineering design and construction supervision for Segment 7 Subic Freeport Expressway Project Hermosa, Bataan.

Berong Causeway

Detailed engineering design for Berong Nickel Corporation Causeway Project at Berong, Quezon Palawan.

Petron Bataan Refinery

Detailed and engineering design for 3rd Street and Avenue "D" Road Widening Project at Limay, Bataan.

Philippine Associated Smelting and Refining Corporation

Detailed and engineering design consultant on site for Philippine Associated Smelting and Refining Corporation at Isabel, Leyte. Salvie was the assigned CAD operator on site.

3 Storey Commercial Building

Proposed New erection of 3 Storey Building in Cabaguio, Davao City. Salvie provided the detailed architectural and structural drawings designed by the engineer.

5 Storey Commercial Residential Building

Proposed New erection of 5 Storey Building in Bajada, Davao City. Salvie provided the detailed architectural and structural drawings designed by the engineer.

Emcor Incorporated Projects

Proposed new erection of Emcors New buildings located in Ipil, Dipolog, Tiguma and Ozamis, Mindanao. Salvie was the CAD operator for the project.

Mercury Drug Incorporated

Proposed new erection of Mercury building in Cagayan de Oro City. Salvie was the CAD operator of the project.

Seventh Day Adventist Church

Proposed new erection of 1 storey Seventh Day Adventist Church in Kitao- tao, Bukidnon. Salvie was the project coordinator of the project.

JM Mountain Resort

Proposed new development of JM Mountain resort in Kitao- tao, Bukidnon. Salvie was the project coordinator of the project.

Mom & Me Boutique Renovation

Additions and Alteration of Mom & Me Boutique to various locations in SM Manila, Robinsons Galleria, SM Megamall, Robinsons Novaliches, Robinsons Ermita and Pavilion Mall Outlets. Salvie was the project coordinator of the project.

4 Storey Commercial-Residential Building.

Proposed new erection of 4 Storey Commercial-Residential Building, in Monteverde St, Davao City. Salvie was the Assistant Technical Staff of the project.

