

ECAS Consultants provides Civil, Structural, Mechanical, Environmental and Geotechnical Engineering Services to clients of the public and private sector in Singapore. Drawing on our 25 years of expertise and experience, ECAS provides Design Consultancy, Construction Supervision, Assessment and Inspection, Project Management and Accredited Checking Services concentrating in areas of real estate, infrastructure, institutional, industrial, transportation, and utilities.

With our core values of Excellence, Commitment, Assurance, and Safety, our goal is to be leaders in the development of our region. We fully commit to all projects we undertake and strive to raise industry standards.

PEOPLE

With a team of more than 140 dedicated professional, technical, and support personnel, we rely on their work to deliver innovative solutions, develop strong client relationships, and be leaders in the development of their region.

Managing Director: Chan Ewe Jin

Director: Ng Shu Wei, Sharron

Director: Tay Thiam Yeow, Titus

Director: Dr. Shen Wei Yue

Director: Leong Boon Cheng

Director: Cecil Chua

Director: Liu Yu Jun

Associate Director: Yu Yong Hua

Associate Director: Ong Chia Wai

SERVICES

Design Consulting

We conduct economic and technical feasibility studies to understand the impact of the project and propose the best solution to the client. We look at the project not as an independent property but as a small piece in a bigger puzzle. We have vast experience in planning and designing of roads, road tunnels, viaducts, MRT Tunnels and MRT stations and all types of buildings.

Construction Supervision

Our professionals offer on-site supervision of the complete project to comply with industry standards. We make sure that what was designed is developed keeping in mind cost-effective solutions to benefit the client. We have vast experience in managing and constructing road tunnels (open cut or mined tunnel), viaducts, MRT stations and MRT tunnels and all types of buildings. We have the capability of supervising precise surveys and control alignments. We, through out construction supervision experience, have good architectural knowledge and relevant experiences in procurements, programming, site coordination and installation of architectural works.

Project Management

We offer project management consulting services to a wide range of engineering and construction activities. On behalf of our client, we ensure that critical tasks and goals are met accordingly.

Accredited Checking

We independently check the designs of the works to assure the constructability of the project and ensure that all structures are compliant with the standards of our region.

Assessment and Inspection

Periodical Inspections for buildings, roads and rail structures, as required by the Building and Construction Authority (BCA) are performed by our qualified structural engineers.

Design for Safety (Dfs)

We assist our clients to address and identify means to mitigate the risks inherent in the design of a construction project so as to reduce the safety and health risks during the construction, maintenance or repair phase, and demolition the building and structure.

Building Information Modelling (BIM)

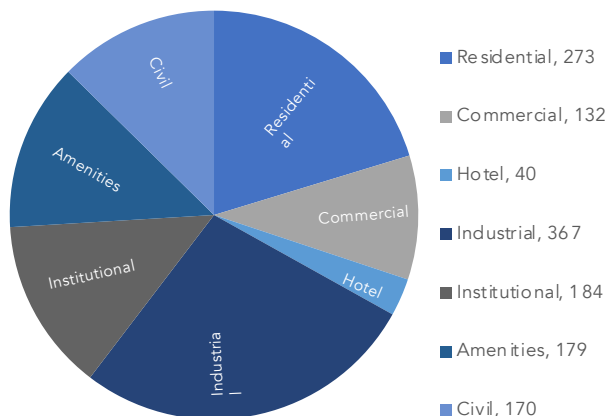
We offer pre-construction solutions for the creation and management of intelligent models leading to the design, construction and operation of various facilities.

Steel and Rebar

We develop shop drawings and erection drawings for steel pieces for fabricators and contractors.

EXPERTISE

*Projects Completed by End of December, 2024



KEY PROJECTS (2019 - 2024)



REAL ESTATE



The Atelier @ Makeway Ave 2

Consulting Services for Proposed Erection of 1 Blk of 22-Sty Residential Flats Development (Total 120 Units) Intergrated with 5-Sty Multi-Sty Carparks with Basement Carpark, Swimming Pool, 2 Sky Terraces & Communal Facilities (Completion Date: 2024)

KI Residences @ Sunset Way

Consulting Services for the Proposed Erection of 10 Blocks of 12-Storey Apartments (Total: 660 Units) with Common Basement Carparks & Communal Facilities (Completion Date: 2024)

Provence Residence @ Canberra

Consulting Services for a basement carpark, 5 Blocks of 13-storey building and 4 Blocks of 11-storey building with total 413 Residential Units; Landscape deck located at 1st Storey with swimming pool and communal facilities (Completion Date: 2024)

Green Vines Tampines @ Tampines N6 C17-18

Consulting Services for Public Housing Development comprising of 11 blocks of 8/9/10/11/12/13/14-storey flats (total 1271 units), 3 blocks of 1-storey carpark with basement, roof gardens, communal facilities, precinct pavilions & ess. The units are of 3 to 5 rooms and have access to lifts at every storey (Completion Date: 2023)



INSTITUTIONAL



MWS @ Chin Cheng Ave

Consulting Services for a 6-Sty Nursing Home Building on Lot 03941N MK26, Involving the realignment of Existing Chin Cheng Ave (Completion Date: 2024)

BCAA

Consulting Services for Erection of a basement carpark, a 16-storey building by APCS and PPVC, and a 7-storey building by MET. (Completion Date: 2023)

Fernvale Community Club, Hawker Centre & Market

Consulting Services for 5-Sty Integrated Development Comprising Community Club, Hawker Centre, Wet Market and Childcare Centre with a Basement Carpark at Sengkang Ave (Completion Date: 2023)

Rainbow Centre Campus @ Admiralty Lane

Consulting Services for A 5-Storey Educational Block, A 3-Storey Ancillary Block with A Sheltered Playcourt and Sheltered Hydrotherapy Pool at 21 Admiralty Lane (Completion Date: 2024)

Mandai Rainforest Park North

Consulting Services for Proposed Themed Animal Habitats with Adventure Elements, 2-Storey Animal Back of House, 3-Storey Education Centre with Open-Deck, 2-Storey F&B Hub, 2-Storey Entrance Building with F&B, 2-Storey Cavern, Elevated Walkway and Ancillary Facilities (Completion Date: 2024)



INFRASTRUCTURE



LTA CONTRACT DE120 @ Tampines Ave 10

Enhancement Of Tampines Avenue 10 Between Tampines Avenue 5 And Tampines Expressway, Involves the enhancement of Tampines Avenue 10 from dual 3 lane to dual 4 lane road between Tampines Avenue 5 and Tampines Expressway and all ancillary works (Completion Date: 2023)

Road Diversion and Canal Works at Aviation Park Road – LTA CR1069

This project involve construction of utility bridge along CA02 & CA03, construction of diversion road bridge along CA02 & CA03 and reinstatement of vehicular bridge along CA03. The CA02 & CA03 Diversion road bridge is designed for 6 lanes of traffic and CA03 reinstatement vehicular bridge is designed for 8 lanes of vehicular traffic (Completion Date: 2023)

Stockpile Site at Lower Seletar

Consulting Services for Proposed Infrastructure Works at Lower Seletar (Completion Date: 2024)

Balmoral Road/Bukit Timah Road Junction and Newton Circus

Consulting Services for the Civil Works (LTA Contract ER381) involving design and construction of covered linkway, high covered linkway including incidental shelters and drop-off shelters; design & construction of drainage systems; design & build of single-cell RCB & vehicular bridge (Completion Date: 2024)



INDUSTRIAL



JTC Piperack

Consulting Services for Multi-Disciplinary Team for Feasibility Study for Proposed Construction of Pipe Rack and Consultancy Services for Related Works (Completion Date: 2021)

Beni Warehouse @ 35 Tuas View Crescent

Consulting Services for Erection of a 3-Sty Single-User Warehouse Development and A&A to Ext'g Part 1/Part 3-Sty Single-User Industrial Development (Completion Date: 2021)

Hi-Tech Space @ 30A Kallang Place

Consulting Services for Erection of 1 Blk of 14-Sty Multiple-User Light Industrial Bldg to Ext'g Industrial Development (Completion Date: 2018)

Tai Seng Drive

Consulting Services for A&A and Change of Use to Data Centre to Ext'g 7-Storey Warehouse (Completion Date: 2019)

KEY PROJECTS (2019 - 2024)



RAIL TRANSPORTATION



Orchard Boulevard Station & Orchard Station

QP Supervision Services for the Construction of Orchard Boulevard Station for Thomson Line (Contract T218) and Construction of Orchard Station and Tunnels for Thomson Line (Contract T219) (Completion Date: 2021; Construction Cost: \$632Mil)

Downtown Line Bedok Town Park and Ubi

QP Supervision Services for the Construction of Station and Tunnels of Downtown Line Bedok Town Park and Ubi (Completion Date: 2018; Construction Cost: \$490Mil)

Mt. Pleasant Station and Tunnels for Thomson-East Coast Line

PE Services for ERSS and KPI Design for the Construction of Mt. Pleasant Station and Tunnels (Completion Date: 2019; Construction Cost: \$207.3Mil)

Thomson Line (TSL) – T2103AC (5 Stations) and T2311AC (3 Stations)

AC Services for Design and Construction of MRT Stations and Tunnels for Thomson Line (TSL). All ERSS System Checked for Top Stability and Base Heave



UTILITIES



Tampines Substation

Consultancy Services for Proposed Addition and Alteration Works at Tampines 230/66kV Substation (Completion Date: 2021)

Jurong Island Checkpoint Expansion

Consulting Services for the Erection of Jurong Island Checkpoint Expansion at Palau Damar Laut (Completion Date: 2019)

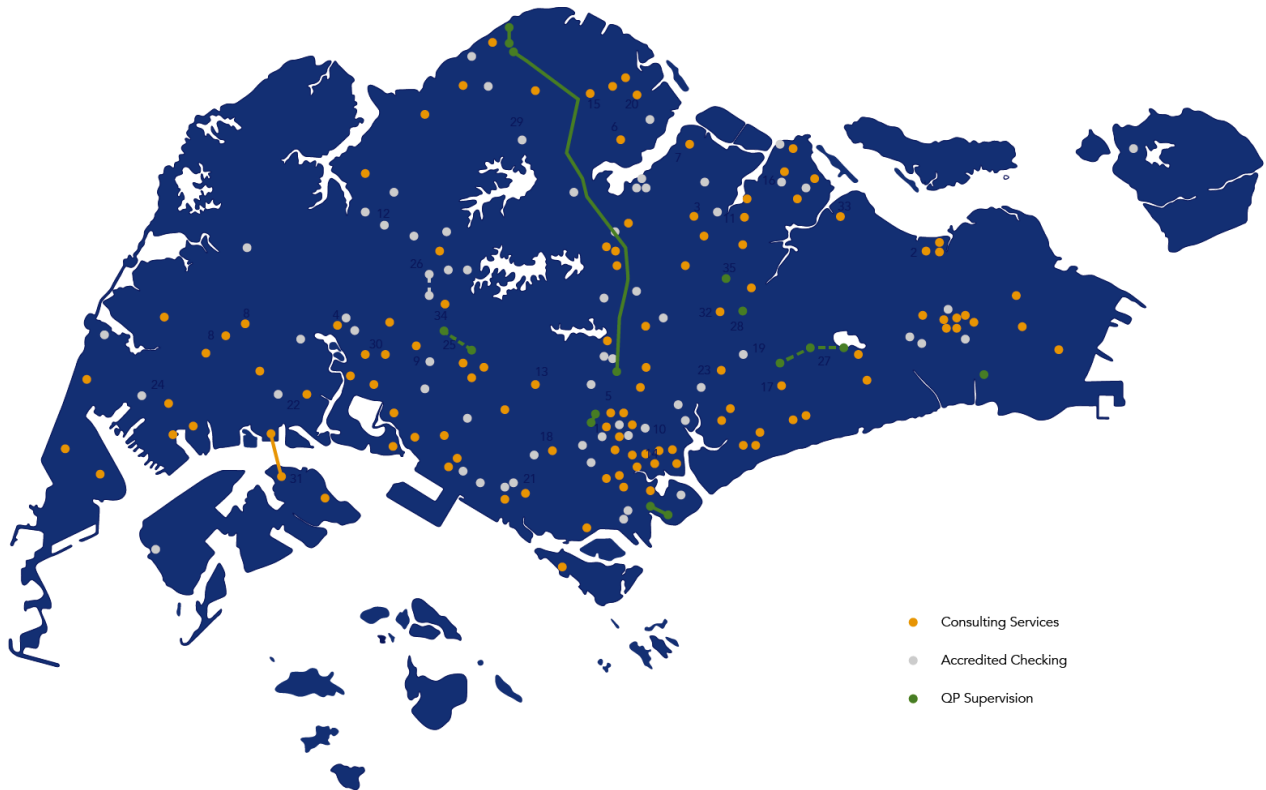
Tengah Airbase @ 760 Old CCK Road

Consulting Services for Proposed New Erection Of A Single Storey RC Building (Blk 7235), Dog Kennels D1 & D4 (Blk 7066), D3 (Blk 7067), D2 & D5 (Dog Training Grounds) And Ancillary Works Including Covered Link ways And Car Park (Blk 7068) With External Civil Works (Completion Date: 2018)

Tuas South Boulevard Substation

Consulting Services for Proposed Erection of 66KV SP Powergrid Substation on Lot 05187W MK 07 at Tuas South Boulevard (Completion Date: 2023)

GEOGRAPHIC SCOPE



25

YEARS OF EXCELLENCE
est. 1996

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