

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: Hu Yang Fu

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)

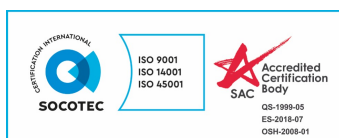
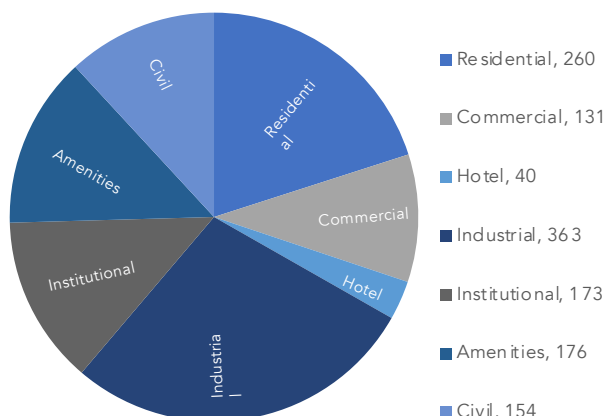
We offer pre-construction solutions for the creation and management of intelligent models leading to the design, construction and operation of various facilities.

Steel and Rebar

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

EXPERTISE

*Projects Completed by End of March, 2022



KEY PROJECTS (2016 - 2021)



REAL ESTATE



Punggol Northshore District (Phase 1 & 2)

QPS for the Integrated Development Site comprising of 12 Blks of 8/17/20/24/25 Stys Residential Bldg (1402 Units), 1 Blk of 3-Sty Commercial Bldg with ESS, 2 Levels Car Park (1st & Basement) with Landscape Deck, Community Facilities, ESS & Precinct Pavilion (Completion Date: 2021)

The HYDE @ 11 Balmoral

Consulting Services for the Proposed Erection of a Blk of 12-Sty Residential Condominium (Total 117 Units) with Basement Carpark, Communal Facilities and Swimming Pool (Completion Date: 2022)

Jurong East Court

Consulting Services for 2 Blks of 16-Sty & 2 Blks of 12-Sty HDB Flat Comprising Total of 867 Units (Completion Date: 2016)

Alba @ Carinhill Rise

Consulting Services for Erection 18-Sty Residential Development with Basement Carparks, Swimming pool and Recreational Facilities (Completion Date: 2016)



INSTITUTIONAL



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: 2022)

Punggol Fire Station

Consulting Services for the Erection of a Block of 5-Storey Punggol Fire Station and Punggol Neighbourhood Police Centre with a Mezzanine Floor and Roof Garden at Punggol Central (Completion Date: 2021)

Pasir Ris Nursing Home (ADH)

Consulting Services for Design Development & Build of Proposed Development of 7-Sty Adult Disability Home, with implementation of PPVC Technology (Completion Date: 2022)

Punggol Cove Primary School

Consulting Services for Erection of One 6-Sty & Two 7-Sty Classroom Blocks and One Part 2/3-Sty Administrative Bldg with Indoor Sport Hall (Multipurpose Hall) (Completion Date: 2016)



INFRASTRUCTURE



Lorong Halus

Consulting Services for Conceptual Design (Roads, Drains and Sewers) of the Entire 110-ha. Lor Halus (Completion Date: 2020)

Marina Centre Bus Terminal

Consulting Services for the Design and Constructin of Bus Terminal and Associated Works at Marine Centre (Completion Date: 2021)

Pan Island Expressway Airport Boulevard (Bridge)

Widening of Ext'g PIE-Airport Boulevard Slip Road from 2-Lane to 3-Lane, which Includes Design and Construction of a New Vehicular Bridge over Ext'g Changi Airport Diversion Canal and All Ancillary Woks Required (Completion Date: 2019)

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: 2021)



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)

STATS ChipPAC Ltd

Consulting Services for Addition of New 4-Sty Factory to Ext'g Single User Factory Development (Completion Date: 2016)

KEY PROJECTS (2016 - 2021)



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)

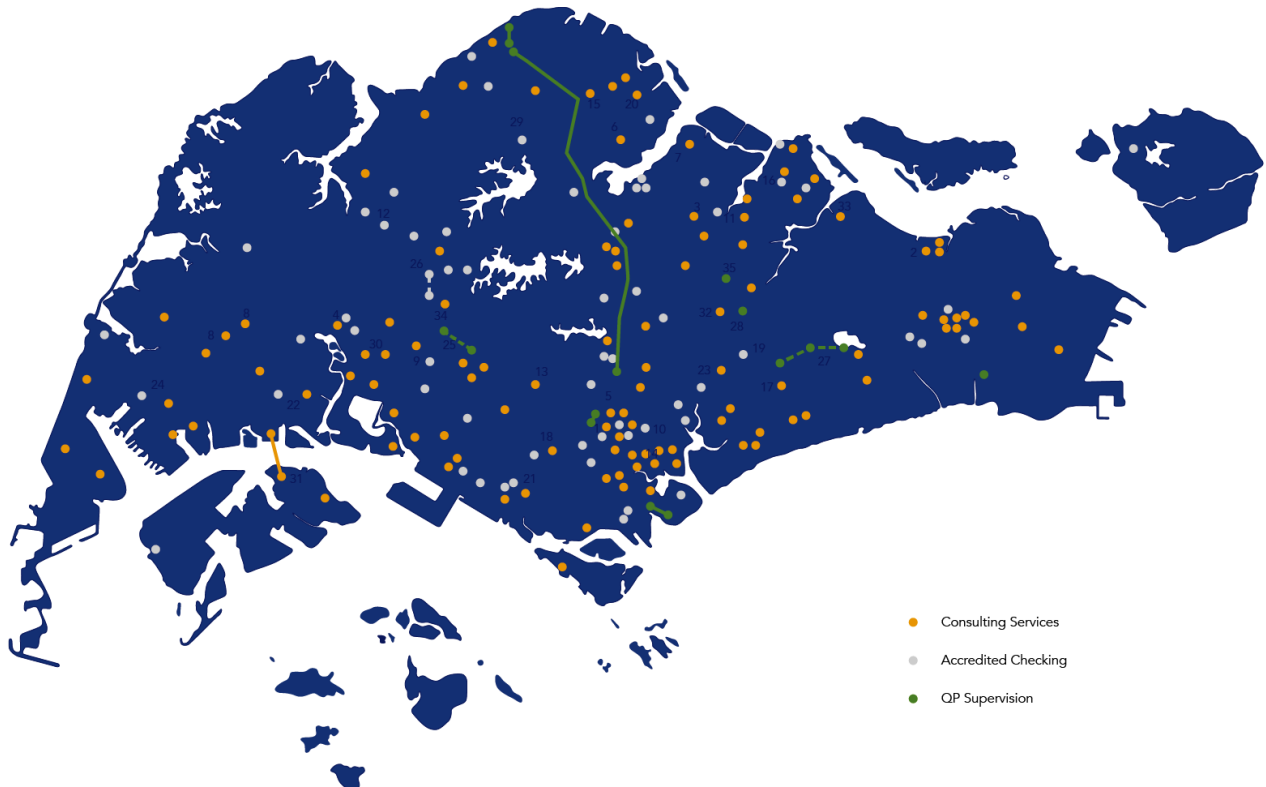
Tengah Airbase @ 760 Old CCK Road

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)

CleanTech and Bulim Substations

Consultancy Services for 66/22kV Substation Design for JTC Industrial Estate (Completion Date: 2016)

GEOGRAPHIC SCOPE



25

YEARS OF EXCELLENCE
est. 1996

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