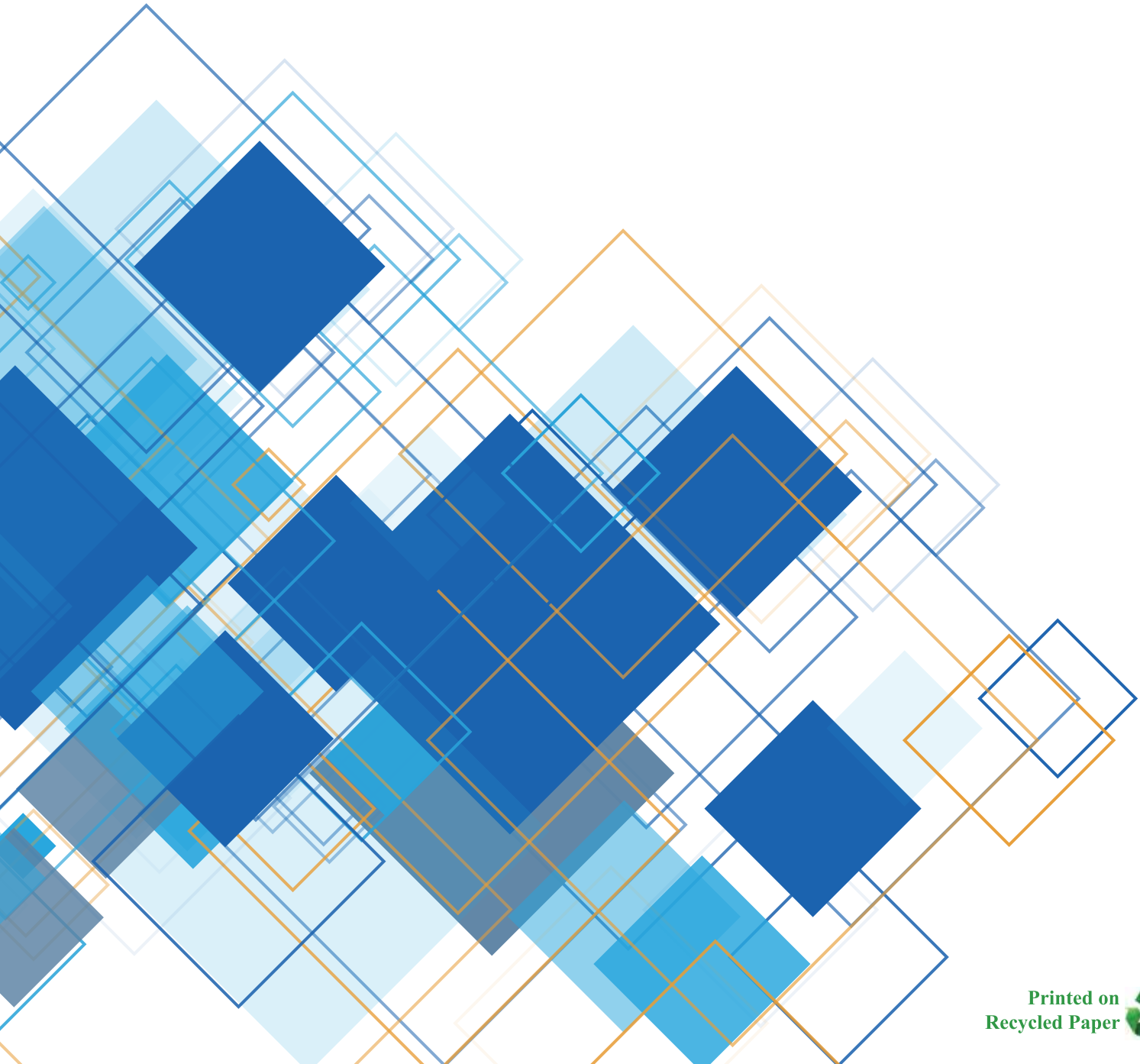




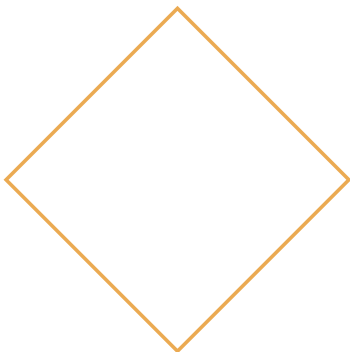
CORPORATE PROFILE

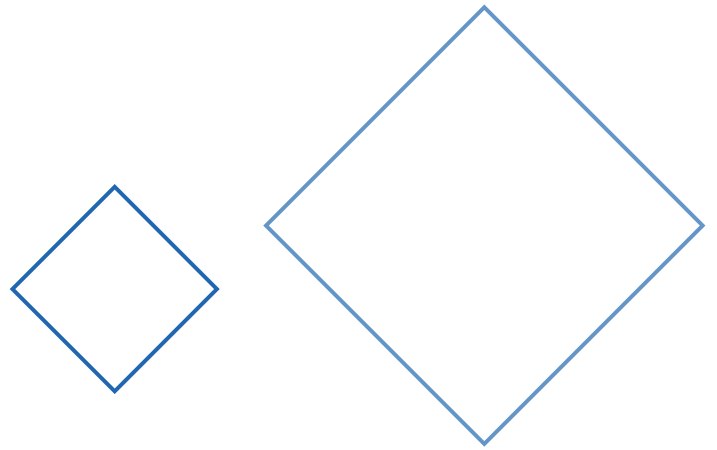
www.clefcon.com



“Come along with us then on this voyage of discovery. Once you appreciate how structures behave, you would also learn that as if they had a social duty towards us, structures always do their very best not to fall down.”

- Matthys Levy & Mario Salvadori





We are advancing the discipline of engineering by bringing together the perfect combination of expertise, technology and forward thinking. We are committed above all to understand our clients, and produce extraordinary results through collaboration. We constantly evolve through innovation and inspiration to revolutionize the engineering industry in Sri Lanka and across the region. We are CLEF Consultants.

Come, shape the world with us.



Table of Contents

About Us	01
Our Practice	02
Our Projects	03
Other Key Projects	17
The CLEF Ethos	19
Our Team	20
Our Services	21
Corporate Sustainability	23
Corporate Information	24
Partners	25



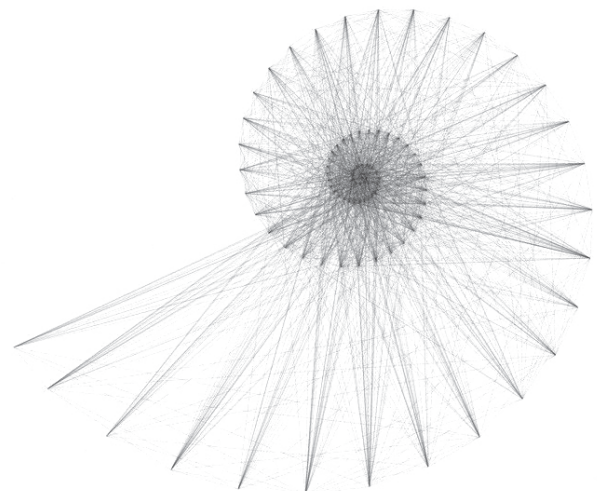
About Us

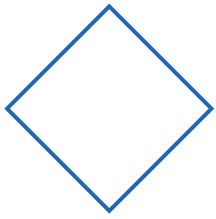
We are a collective of civil and structural engineers, consultants, project managers and technical specialists, working towards revolutionizing all aspects of today's built environment. Established back in 2005 with a mandate to improve and enhance civil and structural performances and design, CLEF Consultants takes an innovative and pragmatic approach to solve the most complex structural engineering challenges, collaborating with clients to turn spaces into tangible ideas that reshape the world.

At CLEF, we place heavy emphasis on the perfect union of distinctive creativity with the mastery of our profession.

Our structural engineers stay up to date with industry advancements so that they can create structures in response to real-world challenges, constraints and evolving client demands.

CLEF Consultants (Pvt) Ltd embraces the challenging and dynamic construction environment, and is focused on building structures that are admired from both inside and out. Guided by our visionary leadership, we implement projects with the agility and planned precision of a collective team of experts. We are transparent in our approach and easily accessible by clients during any phase of the project cycle.





Our Practice

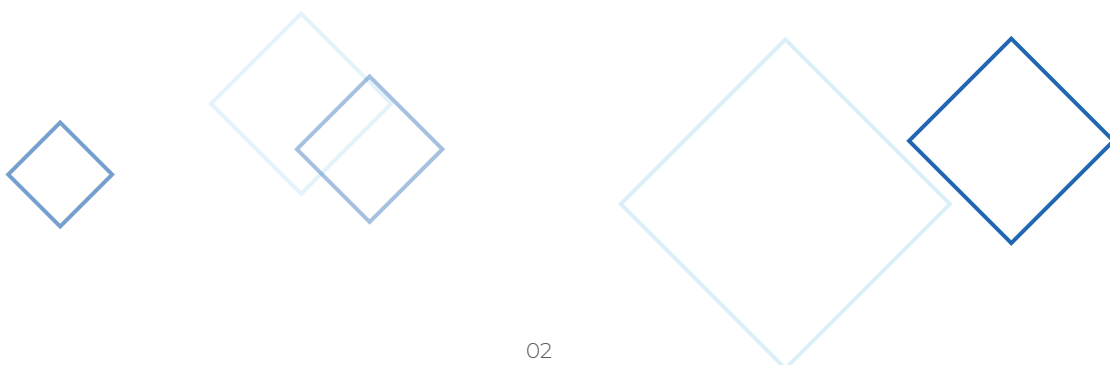
Our practice combines years of accumulated theoretical knowledge and unmatched field experience with ultramodern digital tools and sustainable principles, placing us on the cutting edge of technology and innovation. We explore versatility and efficiencies with 2D and 3D modeling as well as the latest draughting technology to create comprehensive construction documentation. We value collaboration to ensure the best results on time and on budget, ensuring that our customers make well-informed and beneficial financial decisions through communication and the highest level of customer servicing.

Our unique offering of integrated services and resources affords us an unparalleled competitive advantage, helping clients to design, build, maintain and renew structures of any kind. We work with developers, architects, contractors and site owners on design and construction of new buildings, as well as on expansions and renovations of existing structures, meeting ongoing and changing needs



throughout the project cycle. Our level of practical experience and expertise has been recognized by the Institution of Engineers, Sri Lanka – the main and most prestigious engineering body in the country – where we are listed as a professionally qualified training center for graduate engineers and associate members to obtain their charter.

Today, with more focus on sustainability, security and solution-based engineering, CLEF stays true to their Sri Lankan roots by contributing to the rapid development in the country through iconic projects and challenging initiatives, elevating lives and livelihoods, businesses and industries across Sri Lanka and the region.



Our Projects

HNB Regional Head Office

LEED® Gold Certified for New Construction

Designed to represent unique culture and geography of Jaffna, elevated with energy and lighting efficiency.

Client: Hatton National Bank PLC

Location: Jaffna, Sri Lanka

Industry: Banking & Finance

Scope: Structural and Green Consultancy

Architect: Shayan Kumaradas - Chartered Architects



Beverly Street

Multi-storeyed, modern retail fashion mall and cafe.

Client: DKN Asset Management (Pvt) Ltd.

Location: Rajagiriya, Sri Lanka

Industry: Fashion & Retail

Scope: Structural Consultancy

Architect: MMGS Architects





Colombo Swimming Club

The renovation and restructure of the swimming pool and connected areas of Sri Lanka's premier swimming club.

Client: Colombo Swimming Club

Location: Colombo 03, Sri Lanka

Industry: Sports & Recreation

Scope: Project Management, Structural Consultancy and Quantity Surveying

Architect: Archt. Channa Wijepala



Sanjeewaka Ayurvedic Products

LEED® Gold Certified for New Construction

New factory premises of one of the leading ayurvedic cosmetic brands in Sri Lanka.

Client: Sanjeewaka Ayurvedic Products Pvt. Ltd.

Location: Veyangoda, Sri Lanka

Industry: Healthcare

Scope: Structural and Green Consultancy

Architect: Shayan Kumaradas - Chartered Architects



Vision Care

Commercial building for one of the country's leading opticians.

Client: Vision Care Optical Services

Location: Colombo 07, Sri Lanka

Industry: Healthcare

Scope: Structural Consultancy

Architect: Design Forum Pvt. Ltd.



Janashakthi Corporate Head Office

A contemporary corporate office premises for one of the leading insurance companies in Sri Lanka.

Client: Janashakthi Insurance PLC

Location: Colombo 09, Sri Lanka

Industry: Banking & Finance

Scope: Project Management

Architect: C+ Design





Galleface ICON

Proposed luxury multi-purpose commercial and leisure mix-development project with a promise to transform the skyline of Colombo.

Client: Galle Face Properties Pvt. Ltd.

Location: Colombo 03, Sri Lanka

Industry: Commercial

Scope: Civil / Structural Engineering Design

Lead Consultant: Civil & Structural Engineering Consultants (Pvt) Ltd





Crystal Tower

Proposed mix development.

Location: Colombo 03, Sri Lanka

Industry: Commercial

Scope: Structural Consultancy

Architect: Design One Pvt. Ltd.



Liberty Plaza Revamping Project

Revamping one of Colombo's most central shopping complexes.

Client: Colombo Land and Development Company

Location: Colombo 03, Sri Lanka

Industry: Commercial

Scope: Structural Consultancy

Architect: Design One Pvt. Ltd.



Green Horizon Enterprises Stores & Office

BREEAM® Certified

A highly modernized warehouse and office space for one of Sri Lanka's leading exporters of Ceylon Tea.

Client: Green Horizon Enterprises

Location: Mulleriyawa, Sri Lanka

Industry: Tea / Export

Scope: Total Consultancy including Green Certification

Architect: RDES Associates



Camso Loadstar Pvt. Ltd. – Midigama Plant

The design, building and construction of the large and spacious kitchen of the tyre manufacturing facility.

Client: Camso Loadstar Pvt. Ltd.

Location: Midigama, Sri Lanka

Industry: Manufacturing

Scope: Total Consultancy

Architect: RDES Associates





Ceylon Electricity Board Grid Station

A grid station for the distribution of power in and around the area of Kiribathkumbura.

Client: Ceylon Electricity Board

Location: Kiribathkumbura, Sri Lanka

Industry: Power & Energy

Scope: Structural Consultancy

Subcontractor: George Steuart Engineering



EL TORO Facility

Ultra modern manufacturing facility producing cement products and accessories using 100% ecofriendly raw material and state-of-the-art technology

Client: EL TORO Roofing products limited

Location: Chilaw, Sri Lanka

Industry: Manufacturing

Scope: Structural Consultancy

Architect: Design One Pvt. Ltd.



Templer's Square

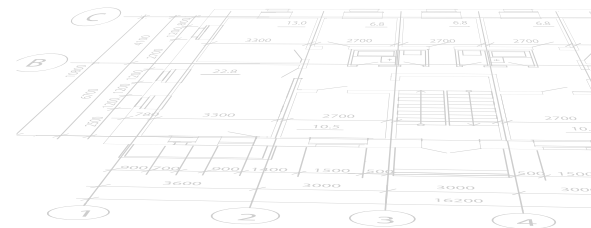
An exclusive gated-living community with homes ranging from single storey two bedroom homes to three storey four bedroom houses

Client: Kelsey Homes (Pvt) Ltd

Location: Mt. Lavinia, Sri Lanka

Industry: Housing & Real Estate

Scope: Civil / Structural Engineering / Project Management & Storm Water Design



Cinnamon Hakuraa Huraa

A luxury lagoon resort hotel located on a 6-acre island and the surrounding shallow waters.

Client: Cinnamon Hotels & Resorts

Location: Maldives

Industry: Hospitality

Scope: Structural Consultancy





The Ark

A stunning, elevated estate villa nestled on the heights of a 40-acre estate amidst the rubber and cinnamon plantations, bordering Sri Lanka's tropical rainforest, Sinharaja.

Client: Mr. Steffan De Rozairo

Location: Mathugama, Sri Lanka

Industry: Ecotourism

Scope: Structural Consultancy

Architect: Archt. Dr. Narein Perera



Tea Trails Bungalow

Luxurious holiday bungalow staying true to its colonial architecture.

Client: Resplendent Ceylon Ltd. (Dilmah Tea Leisure & Hospitality Services)

Location: Norwood, Sri Lanka

Industry: Hospitality

Scope: Structural / Engineering Consultancy

Architect: Archt. Dr. Narein Perera



Padiyapelella Mini Hydro

Client: Padiyapelella Hydro Power Pvt. Ltd. (PanAsian Power PLC)

Location: Padiyapelella, Sri Lanka

Industry: Power & Renewable Energy

Scope: Total Consultancy



Gomal Oya Mini Hydro

Client: Gomal Oya Hydro Power Pvt. Ltd.

Location: Deraniyagala, Sri Lanka

Industry: Power & Renewable Energy

Scope: Total Consultancy



Nilasevana Public Servants Housing Scheme

Client: Ministry of Public Administration and Home Affairs,
Sri Lanka

Location: Habaraduwa, Sri Lanka

Industry: Housing & Real Estate

Scope: Structural Consultancy



Nilasevana Public Servants Housing Scheme

Client: Ministry of Public Administration and Home Affairs,
Sri Lanka

Location: Wakunagoda, Sri Lanka

Industry: Housing & Real Estate

Scope: Structural Consultancy



Private Residence

Client: Mr. & Mrs. Harin and Mihiri Gabriel

Location: Pelawatte, Sri Lanka

Industry: Housing & Real Estate

Scope: Structural Consultancy

Architect: Archt. Dr. Narein Perera



Private Residence

Client: Mr. & Mrs. Sunanda Gnanasiri

Location: Rajagiriya, Sri Lanka

Industry: Housing & Real Estate

Scope: Structural Consultancy

Architect: Archt. Thisara Thanapathy





Karapitiya Cancer Hospital

Proposed construction of cancer treatment center.

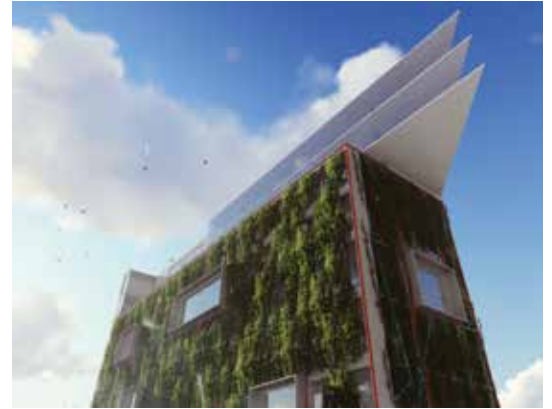
Client: MAS Innovations Pvt. Ltd.

Location: Karapitiya, Sri Lanka

Industry: Healthcare

Scope: Structural Consultancy

Architect: Design Republic



Private Bungalow

A breathtaking mountaintop sanctuary bringing together luxury living and sustainable construction

Client: Mr. & Mrs. Patrick Latham

Location: Ahangama, Sri Lanka

Industry: Housing & Real Estate

Scope: Structural Engineering / MEP Designs

Architect: Archt. Dr. Narein Perera



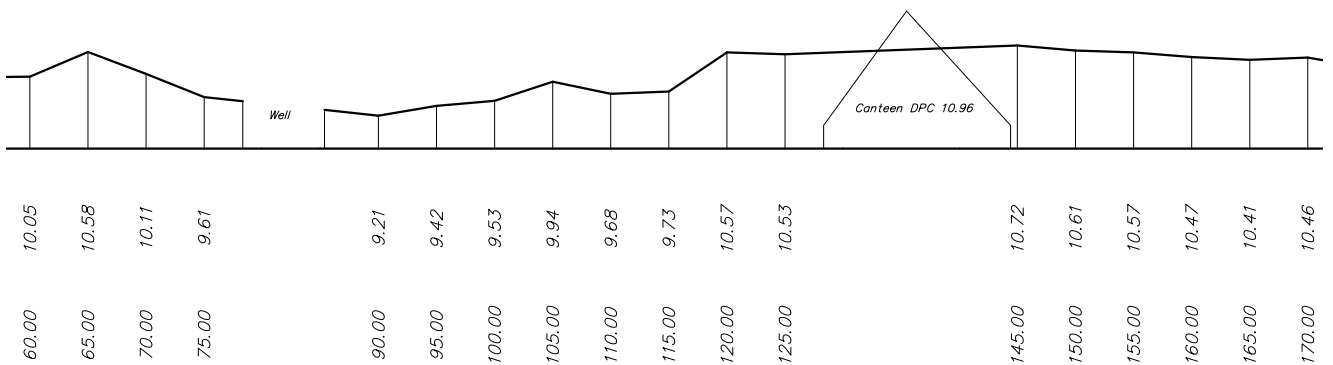
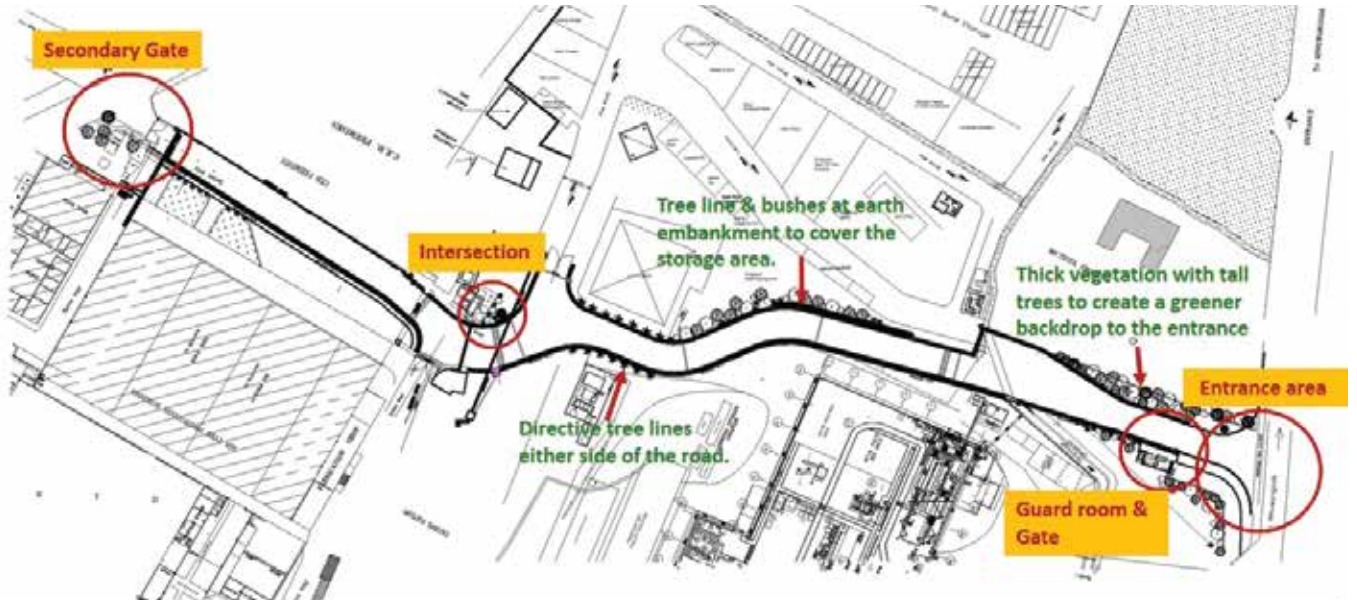
Proposed Central Road Project

Client: Camso Loadstar Pvt. Ltd.

Location: Kotugoda, Sri Lanka

Industry: Roads & Infrastructure

Scope: Total Consultancy including Civil/Structural, MEP, Architectural & QS



Horizontal Scale H 1 : 400

Vertical Scale V 1 : 100

LONGITUDINAL SECTION FROM 0+000 CHAINAGE

Other Key Projects

		Project	Owner / Sponsoring Authority	Scope	Engagement	Status
01.	Commercial	Bank of Ceylon Branch - Galewela	Bank of Ceylon	Total Consultancy including Project Management & Green Consultancy	2018 - 2021	Completed
02.		Office Building & Warehouse - Elkanda	Janatha Steel	Total Consultancy including Project Management	2017 - 2021	Completed
03.		Commercial Building - Maradana	Medi House Pvt. Ltd.	Civil / Structural Engineering	2008 - 2018	Completed
04.		Office Building - Pita Kotte	CKD Holdings Pvt. Ltd.	Civil / Structural Engineering	2013 - 2014	Completed
05.		Hatton National Bank Branch - Gampola	Hatton National Bank PLC	Civil / Structural Engineering	2011 - 2012	Completed
06.		Hatton National Bank Branch - Kahawatte - Retrofitting	Hatton National Bank PLC	Total Consultancy including Project Management	2009 - 2010	Completed
07.		Hatton National Bank Branch - Nittambuwa	Hatton National Bank PLC	Civil / Structural Engineering	2009 - 2010	Completed
08.		Multiple Cargills Food City Branches - Wattala, Kadawatha, Kaduwela, etc.	Cargills Ceylon PLC	Civil / Structural Engineering	2005 - 2019	Completed
09.		Multiple KFC Outlets - Panadura, Moratuwa, Matara, Negombo, etc.	Cargills Ceylon PLC	Civil / Structural Engineering	2013 - 2018	Completed
10.	Religious	Miracle Dome - Auditorium & Convention Centre - Negombo	International Conference Services Institute	Project Management	2017 - To Date	Ongoing
11.		South Gopuram for Nallur Kovil	The Trustees - Nallur Kovil	Civil / Structural Engineering	2009 - 2010	Completed
12.		Belfry & Extension - Church of the Holy Spirit - Vavuniya	Diocese of Colombo - Church of Ceylon	Civil / Structural Engineering	2019 - To Date	Ongoing
13.	Industrial	Structural Strengthening & Modification - Unilever Sri Lanka	Unilever Sri Lanka Pvt. Ltd.	Civil / Structural Engineering	2017 - 2019	Completed
14.		Structural Strengthening & Modification - East India Holdings	East India Holdings Pvt. Ltd.	Civil / Structural Engineering	2018 - To Date	Ongoing
15.		Apparel Manufacturing Facility & Concrete Water Reservoir	MAS Linea Intimates	Civil / Structural Engineering	2007 - 2008	Completed
16.		Apparel Manufacturing Facility for Brandix Apparel - Batticaloa	Brandix Apparel Ltd	Green Consultancy	2016 - 2018	Completed

		Project	Owner / Sponsoring Authority	Scope	Engagement	Status
17.	Hospitality	Upgrading of Hotel Lux Etoiles - Jaffna	Hotel Lux Etoiles II Pvt. Ltd.	Total Consultancy	2013 - 2014	Completed
18.		All-Day-Dining Restaurant at Taj Airport Garden Hotel - Negombo	Hirdaramani Group	Civil / Structural Engineering	2010 - 2011	Completed
19.		Kitchen Refurbishment at The Grand Hotel - Nuwara Eliya	Mercantile Investments & Finance PLC	Total Consultancy including Project Management	2019 - 2020	Completed
20.		Proposed Hostel Facility at The Grand Hotel - Nuwara Eliya	Mercantile Investments & Finance PLC	Total Consultancy including Project Management	Tender Stage	Ongoing
21.	Power & Energy	Mini Hydropower Extension Project - Rathganga	Hemas Power PLC	Total Consultancy including Project Management	2013 - 2014	Completed
22.		National Grid Substation - Kiribathkumbura	Siemens / George Steuart Engineering	Civil / Structural Engineering	2016 - 2017	Completed
23.		National Grid Substation - Kerawalapitiya	Siemens / George Steuart Engineering	Civil / Structural Engineering	2017 - 2018	Completed
24.		National Grid Substation - Katunayake	Siemens / George Steuart Engineering	Civil / Structural Engineering	2017 - 2018	Completed
25.		National Grid Substation - Habarana	Siemens	Architectural / Civil / Structural Engineering / Storm Water System	2017 - To Date	Ongoing
26.	Community Development	Cancer Hospital - Jaffna	Colours of Courage Trust (Guarantee) Limited	Civil / Structural Engineering	2012 - 2013	Completed
27.		National Police Academy - Katana	Sri Lanka Police	Civil / Structural Engineering	2013 - To Date	Ongoing
28.		New Training Center for Sri Lanka German Training Institute - Kilinochchi	Sri Lanka German Training Institute (SLGTI)	Civil / Structural Engineering	2013 - 2014	Completed
29.		Reconstruction of Schools Affected by Tsunami	GOAL, Ireland	Civil / Structural Engineering	2005 - 2006	Completed
30.		Reconstruction of Schools & Hospitals in Eastern Region of Sri Lanka	USAID / DAI	Civil / Structural Engineering	2008 - 2009	Completed
31.	Residential	Private Residence - Godakawela	Mr. & Mrs. Kapila Bandara	Civil / Structural Engineering	2015 - 2016	Completed
32.		Private Residence - Mt. Lavinia	Mr. Dinesh Jebamani	Civil / Structural Engineering	2017 - 2018	Completed
33.		Proposed Private Residence - Off Flower Road, Colombo 07	Janatha Steels	Total Consultancy including Project Management	2018 - To Date	Ongoing

The CLEF Ethos

As a rapidly progressing consultancy, it is important that we clearly identify our strategic philosophy and future direction. Our company's ethos serves as a basis to ensure we are guided continuously towards achieving our ultimate objective as an engineering consultancy.

Our Vision:
To become the leading provider of consulting engineering solutions and services in the region.

Our Mission:

To provide exceptional service to clients, maintaining an ideal balance of safety, elegance, profit and sustainability.



Our Values:

Client Emphasis and Satisfaction

We delight our clients through responsiveness, collaboration and transparency, to always exceed their expectations.

Team Spirit

We understand the potential of our team as a cohesive unit to produce industry-transforming structural engineering solutions.

Unmatched Professionalism

We deliver exceptional quality services by delivering on our promise through a demonstrated and proven portfolio of highly successful and iconic projects.

Mutual Respect

We treat all our stakeholders with dignity and respect, creating a highly receptive and empowered environment for innovation and new thinking.

Commitment

We are committed to continuous improvement, to our clients, our values and our profession.

Our Team

What sets us apart is the outstanding team of professionals that make up CLEF, enabling us to provide engineering excellence in all projects and consultancies we undertake.

With a leadership team that strives to create a workplace that provides extraordinary opportunities for professional development, we encourage new thinking and innovation, cultivating a strong team of professionals who communicate openly, nurture strong relationships with customers and are most importantly, passionate about their work.

We recruit the best caliber of professionals who mirror our company's core values, from technical ability to strong ethical character, CLEF is where engineering expertise thrives.

Managing Director / Chartered Civil Engineer

Eng. Keerthi Ratnayake

BSc(Eng)Hons, MEng, CEng, MIE(SL), MSSE(SL), GREEN^{SL}® AccP(GBCSL), MASHRAE, LEED AP(BD+C), BREEAM Licensed Assessor

Civil & Structural Engineers

Eng. Janaka Dayaratne BSc(Eng)Hons, AMIE(SL), AMSSE(SL), MPMI

Eng. Sumedha Chandrasiri BSc(Eng)Hons, AMIE(SL), AMSSE(SL)

Eng. Melanie Thilakaratne BSc(Eng)Hons, AMIE(SL), AMSSE(SL), GREEN^{SL}® AccP, LEED AP(BD+C)

Eng. Akila Manathunga BSc(Eng)Hons, AMIE(SL), AMSSE(SL)

Eng. Dulshani Wickramasekara BSc(Eng)Hons, AMIE(SL), AMSSE(SL)

Director - Administration

Renuka De Silva

BSc(BE)Hons, MSc(Arch), AIA(SL)

Assistant Engineer / Head of Draughting

Sithara Rajakaruna NCT(Civil)

Assistant Engineer

Manosha Kadupitige NCT(QS)

Consultants

Eng. Dr. Rahula Attalage - MEP Services

PhD(Fr), DEA(Fr), BSc(Eng)Hons, MEng, CEng, MIE(SL), Professor in Mechanical Engineering, Energy Specialist

Sunanda Sinhalage - Chartered Quantity Surveyor

BSc(QS), PG Dip(Construction Project Management), AIQS(SL)

Eng. Rasika Gamage - MEP Services

BSc(Eng)Hons, Chartered Engineer, MIE(SL), MBA (in MOT), MSLEMA

Eng. Priyantha Balapitiya - MEP Services

BSc(Eng)Hons, PG Dip(Building Services Engineering), Chartered Mechanical Engineer

Draughtsmen

Umali Pathirana VTA (Draughtsman)

Thilina Narangoda (Draughtsman)

Quantity Surveyors

Nuranga Ranasinghe NCT(QS)

Sewwandi Kumarasinghe NVQ(Level 05)

Site Engineers

Damith Wilegoda NCED, NCT(Civil)

Sasantha Fonseka (IDTSL Member, JP)

Kandiah Vibooshan BSc(Eng)Hons

Executives – Accounts & Administration

Bashini Makavita AAT

Neloufer Fernando

Sasindu Ratnayake

Our Services

We explore the most innovative and modern ideas, trends and technologies in structural engineering, and offer our clients a wide range of services while advancing the local structural engineering industry. Our list of services includes, but is not limited to:

Structural Designs for New Buildings and Civil Engineering Structures

Combining our skills and technical expertise to design aesthetic, purposeful, commercially better performing and energy efficient, sustainable structures, ranging from low-rise to high-rise constructions and civil engineering structures.

Structural Designs for Renovations, Alterations and Repairs

Restoring value to existing structures by providing structural solutions in repairing, reconstructing, reconfiguring and re-invigorating existing structures, and carrying out standing audits and enhancement of life span.

Engineering Solutions for Old or New Structures

Helping owners and contractors recover and reinvest in their assets by providing engineering solutions for on-going structural issues such as cracks, waterproofing and reinforcement defects.

Study of Structural Systems and Dynamics

Technical expertise backed by a pragmatic approach in the analysis, design and engineering of structures, subjected to varied structural uses.

Project Management

Intelligent, time conscious and adept project management services with focus on the economical, ecological and social outcome of the project.

Preparation of Design Documents

Harnessing our design expertise to carefully craft and document the design process of structures.

Preparation of Tender / Construction Drawings / BOQs / Engineering Estimates

Support services for collaboratively preparing and communicating client interests for project tenders and related documentations.

Supervision of Construction & Quality Control

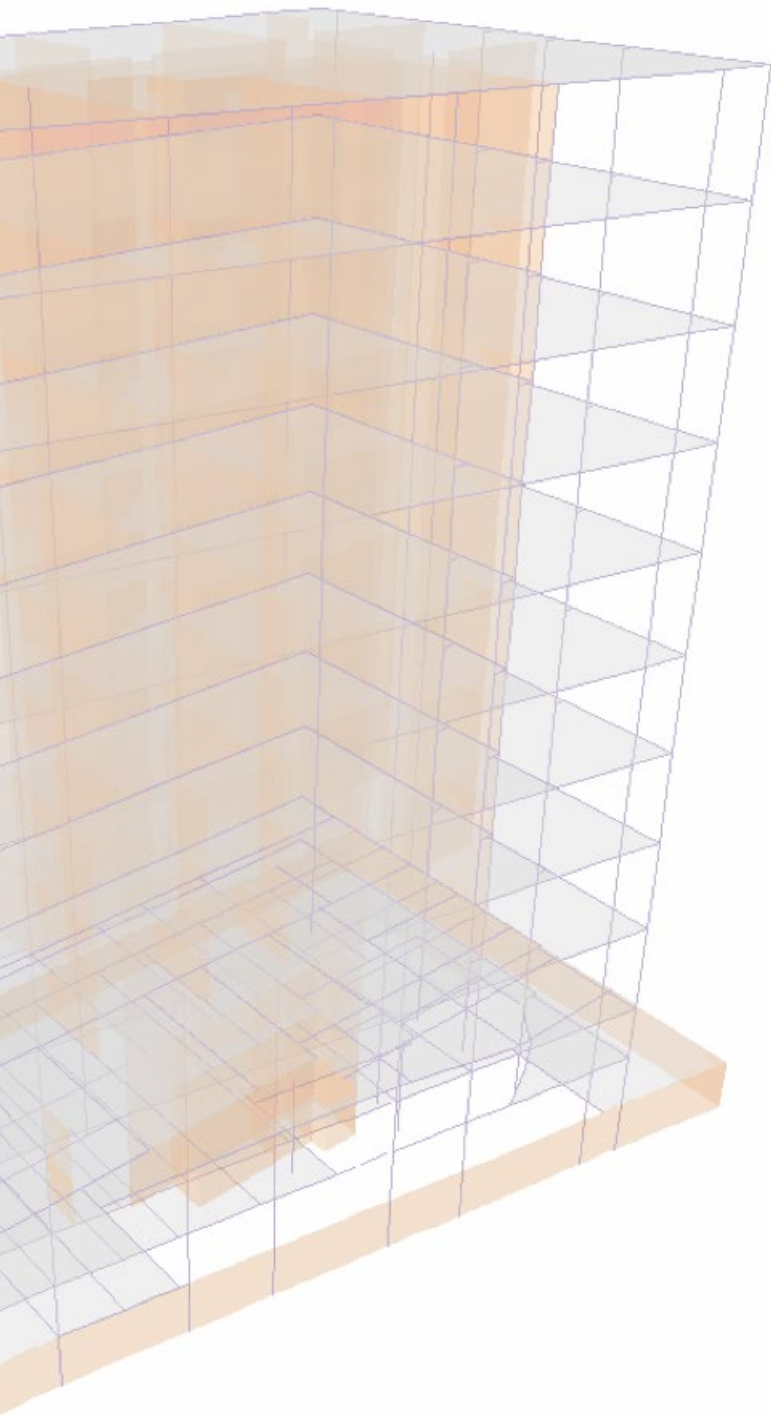
Optimizing new digital technologies and decades of field experience in the built environment to oversee and manage the highest quality deliverables in construction.

Structural Testing and Assessment

Carrying out building performance evaluations and structural testing as an integrated service offering for a more cohesive, successful building project.

Geotechnical Designs

Addressing geotechnical challenges in the built environment with in-house expertise in the structure and behavior of all ground conditions.



Forensic Structural Engineering and Structural Investigations

Investigating and determining the cause of damage, distress and failure of structures via intelligent application of engineering principles.

Seismic Evaluations and Upgrades

Designing safe and responsive structures with risk assessment, covering all aspects of earthquake engineering.

Mechanical, Electrical and Plumbing (MEP) Design

Advanced Mechanical, Electrical and Plumbing (MEP) consultancy integrated with innovative and resource efficient engineering solutions with our sister company Ecologique International Pvt. Ltd.

Green Certifications

Assessment for green certifications for sustainable construction including LEED, BREEAM and GBCSL through our sister company, Environ Pvt. Ltd.

Our consulting engineering service offerings cover a range of sectors:

Commercial Industrial Institutional

Healthcare Power and Energy (Mini Hydro Projects) Hospitality

Residential (Homes, housing schemes, apartments)

Forensic Structural Engineering & Structural Investigation

Corporate Sustainability

CLEF aspires to not only design sustainable structures but to also operate as a responsible business, embracing engineering challenges that create opportunities to lead by example, with the overarching vision to engineer carbon neutral buildings in the future.

We remain current on the leading sustainable and green building trends across the world. At CLEF, we understand the impact of the embodied carbon footprint of our engineering projects and provide our clients with options in constructing sustainable, 'greener' living structures that also produce tangible social and economic benefits through our sister company Environ Pvt. Ltd. such as the first green building in Jaffna, the HNB Regional Head Office among numerous other LEED® certified structures.

Our teams have been heavily invested in research into designs and structures that infuse day-lighting and promote alternative energy and building resources, to ensure the eco-friendly and future proof transformation of the local engineering and construction industry.

We are reducing energy consumption and waste from our office premises, while also implementing small-scale sustainable initiatives. Our workplace offers all employees ample opportunities to contribute to the communities where we work, generously donating their time and expertise on and off the clock to community, environmental and religious projects.



Corporate Information

Our Bankers

Sampath Bank PLC
Bank of Ceylon
Hatton National Bank PLC

Our Auditor

GRAW Consultancy
No. 314/43 Hettiyawatta
Welisara
Magulpokuna Road
Ragama

Our Secretaries

KHL Corporate Services Ltd.
No. 15, Walukarama Road
Colombo 03

Listed as Training Center by the Institution of Engineers, Sri Lanka



Recognized by the Institution of Engineers, Sri Lanka (IESL) – the main and most prestigious engineering body in the country – as a professionally qualified training center for graduate engineers and associate members to obtain their charter.

Partner



Environ Pvt. Ltd.

Sri Lanka's trailblazing sustainable engineering consultancy with integrated design expertise

CONNECT WITH US

CLEF Consultants Pvt. Ltd.

No 17, Fatima Circular Road
Kapuwatta
Ja-Ela (11350)
Sri Lanka

Phone: +94 11 2244770, +94 11 5730009, +94 77 7281389

Fax: +94 11 2244770

Email: info@clefcon.com

www.clefcon.com

