

In an integrated global market, how can business be managed competitively and sustainably? How can energy costs be optimized to maximize profits, and at the same time minimize the impact of business operations on the environment?

We pride ourselves on designing energy efficient, Resource efficient, Comfortable to live in, Economical Solutions for infrastructure. It is our aim to design and develop Infrastructure that are comfortable to live in, made of many Green technology, and have Low Operating Cost..

We offer a huge of bouquet of services ranging from Architectural Engineering Services (MEPFSE) to Consultation, Survey and Audits. When designing the project along with Construction we always consider Operations and maintenance into the Design element.

It is our firm Belief, Infrastructure that are Efficient, Comfortable with low Operation cost promote Productivity, creativity and ensure greater chance for Success. We Believe if Our Clients' Business grows we grow with them and we believe our infrastructure plays a crucial role in the success. Keeping that in mind we do our best to design infrastructure that help business Grow and flourish.

Our energy efficient and eco-friendly technologies offer reliable business-to-business partnerships to respond to this critical challenge. Our solution perspective not only cover design and Construction but also take Operation and Maintenance into consideration as well. For Better integration of Technologies as well smooth Operations



Architectural Engineering

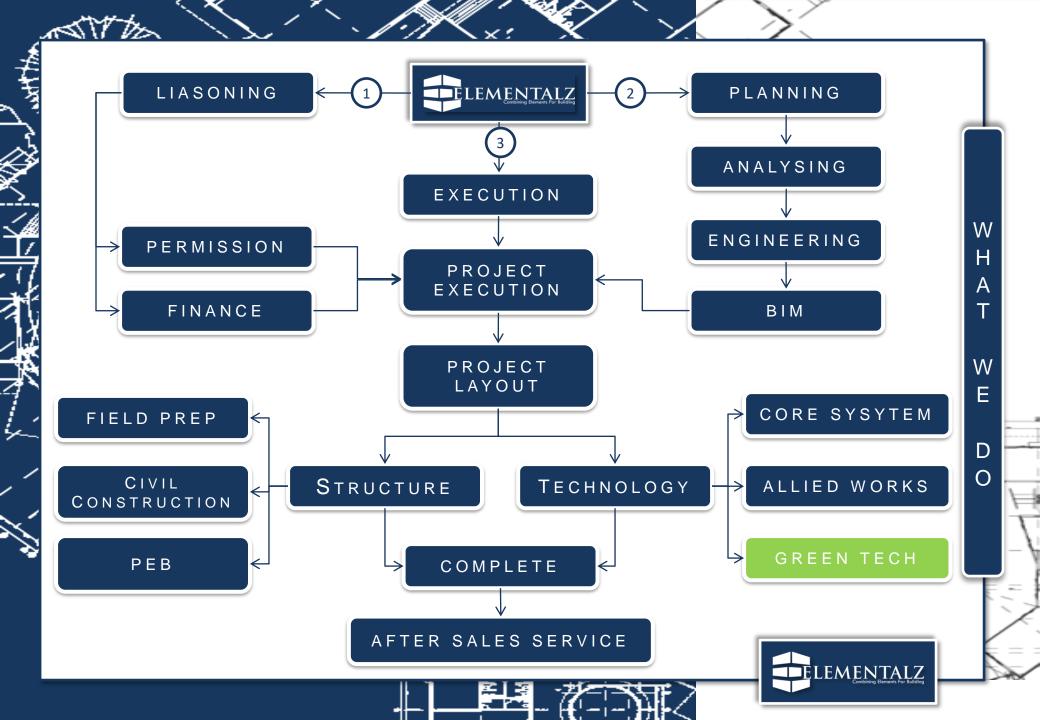


Consultation Services



Analysis And Audit Services







- WAREHOUSE
- COLD ROOM & COLD STORAGE
- LOGISTIC HUB



- AUTOMOBILE
- Fashion
- LIFESTYLE

SHOWROOM







- LIAISONING
- CERTIFICATION
- FINANCING





- NATURE PARK
- Environment **PROJECT**

ENVIRONMENT ENGG.



- RAPID BUILDS
- PORTABLE

CIVIL INFRA

STRUCTURE

CORNER STONE DIV.



- HOPEFUL URBAN **ENGINEERING**
- GREEN ENGG.







- INDUSTRIES
- WAREHOUSE
- FOOD **PROCESSING**



- MINIPLEX
- MALL
- HYPER & SUPER

MARKET



- CLINIC
- HOSPITALS
- RESEARCH LAB
- PHARMACEUTICAL



- HOTELS
- CLUBS
- Food CHAIN
- Pubs & Bar



- FIRE STATION
- Police Station
- CIVIL RESCUE

PUBLIC DEFENSE



- ►• SCHOOL
- COLLEGE
- RESEARCH INSTITUTE

EDUCATION HUB



- FALLOUT SHELTER
- BUNKER
- SURVIVOR

BUNKER & SURVIVAL COLONY



- Green House
- STORAGE
- SUPPORT Buildings



- COMMERCIAL
- RESIDENTIAL
- MIXED USE
- SUPPORT





ECONOMICAL



INNOVATION



FUTURE READY













METICULOUS

TIME IS WEALTH





6 YRS SERVICE COMMITMENT







INTEGERATION





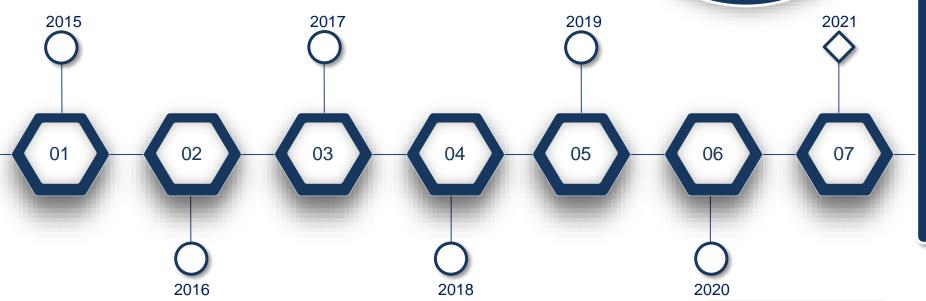




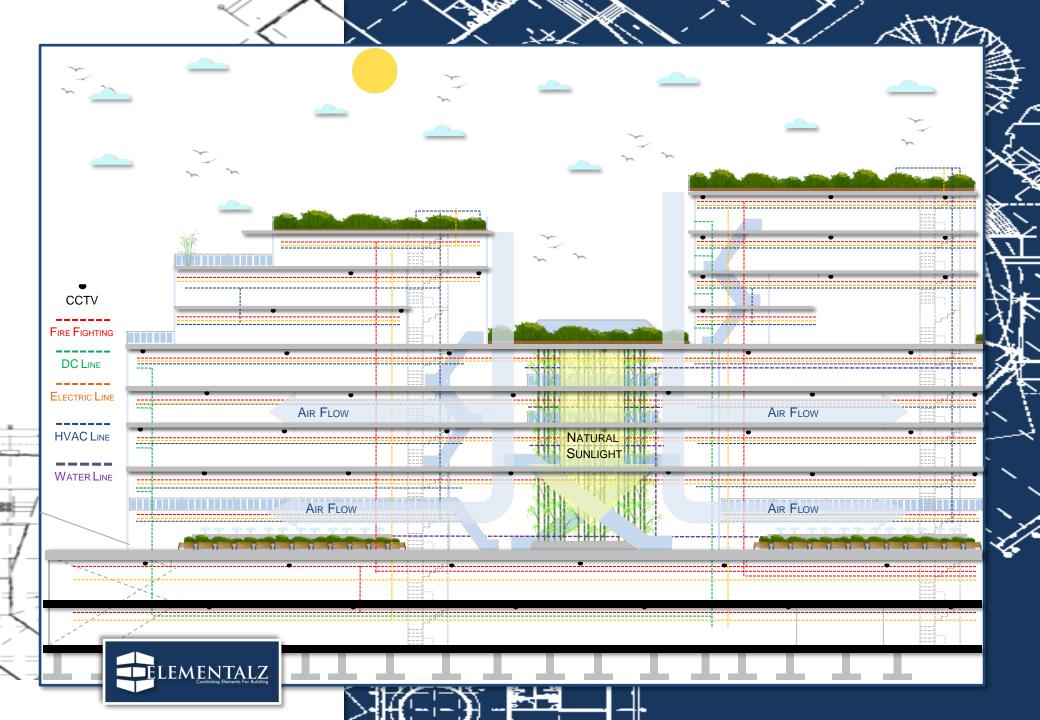
WE HAVE GROWN IN LEAPS AND BOUNDS OVER LAST SEVEN YEARS WITH HUMBLE BEGINNING IN 2015, TODAY WE ARE A YOUNG COMPANY OF ENTHUSIASTIC ENGINEERS, ENTREPRENEURS, FABRICATORS DESIGNERS, ARTISTS AND DREAMERS WHO ARE TRYING TO BRING WORLD CLASS INNOVATION TO THE PEOPLE OF INDIA.

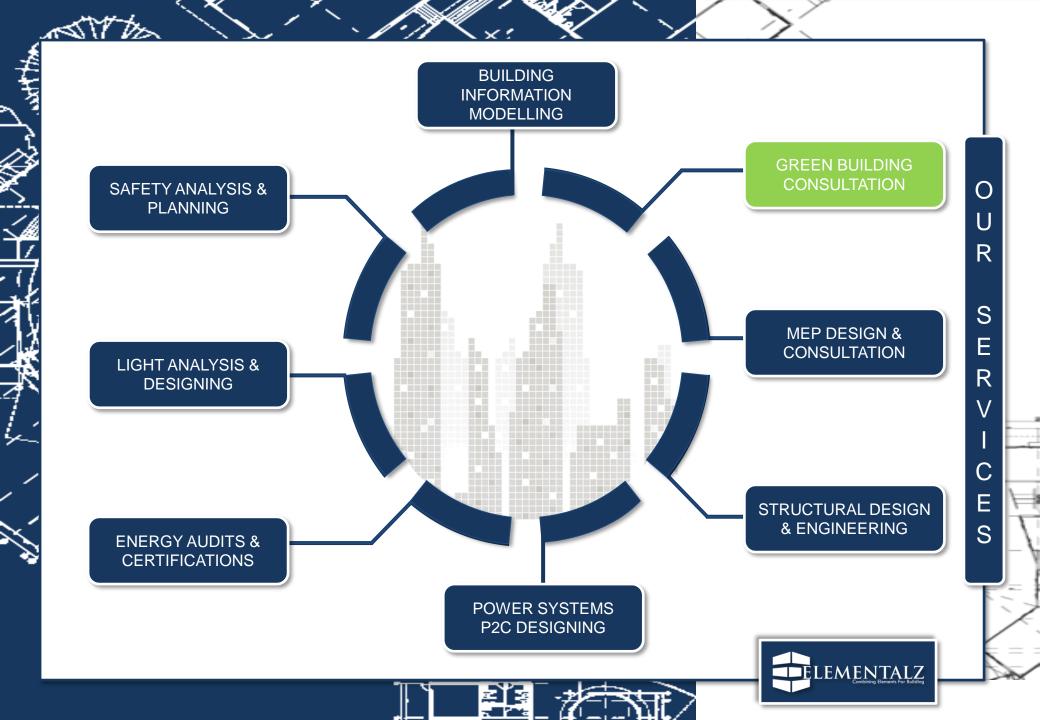
IT IS OUR MISSION TO CREATE SUCH GREAT FEET OF ENGINEERING THAT WOULD INSPIRE MANY GENERATION TO COME,

To Excel Beyond Belief... Succeed Beyond Expectation...





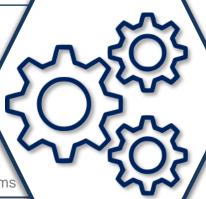




WHY CHOOSE US ...?

BETTER TECHNOLOGY INTEGRATION

- We ensure better integration of multiple systems.
- Using BIM we ensure multiple systems can be maintained independently of each other
- With our expertise we can ensure minimal support for various systems



ENERGY EFFICIENT BUILDING DESIGN

- We design and develop each building with energy efficiency
 Each Infrastructure comprise
- Each Infrastructure comprise of both passive and active systems.
- Energy Efficient Building are more Economical to run.



Green & Sustainable Building Design

- We Design and try to Develop buildings that are Carbon free.
- As per requirement of client we can make building to be net ZERO Consumption.
- We Use Recycle and Locally sourced material if available.

Low-Cost Design And Technology

- We Use BIM to design various sections so that they use less materials for construction.
- We select materials that have long life, Durable & Economical.
- We incorporate technologies that reduce Setup & Operational Cost







In-Depth Analysis & Planning

- We Use State of the art software for Building Information modeling.
- We do extensive research before designing & planning
- During designing we not only consider construction but also operations and maintenance.



WHY CHOOSE US ...?



ENVIRONMENTALY SAFE CONSTRUCTION

- We use advance computer models for construction process ensuring minimal material waste.
- We avoid using all sort of toxic materials for projects.
- We use Eco Friendly items

INFRASTRUCTURE & OPERATION OPTIMISATION

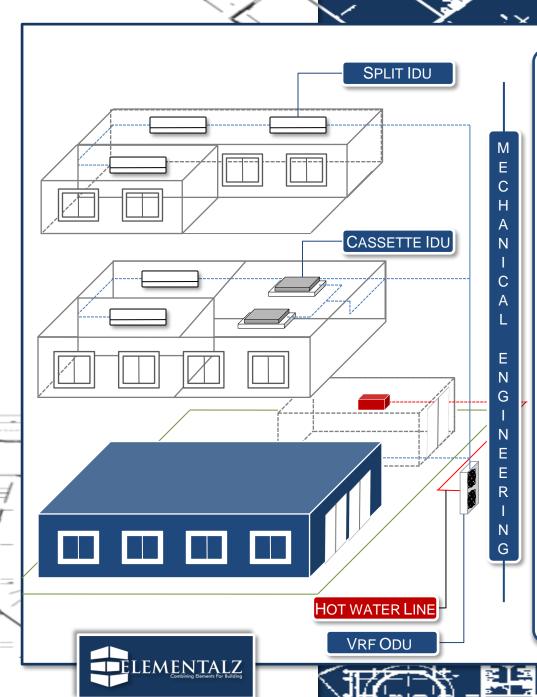
- With years of experience and state of art computer modeling, we can make a very good estimation about use of infrastructure & design infrastructure, and it operation to be more efficient.



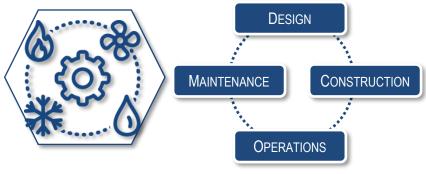
SOLAR PUNK VISION & BELIEF

- We design Building around the people, for the people & to be used by the people.
- We Believe Nature & Human progress can co-exist
- We Believe in a hopeful & a better future.

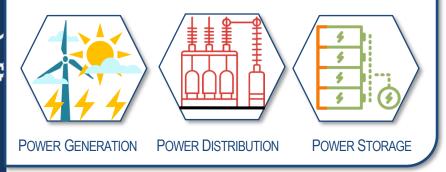


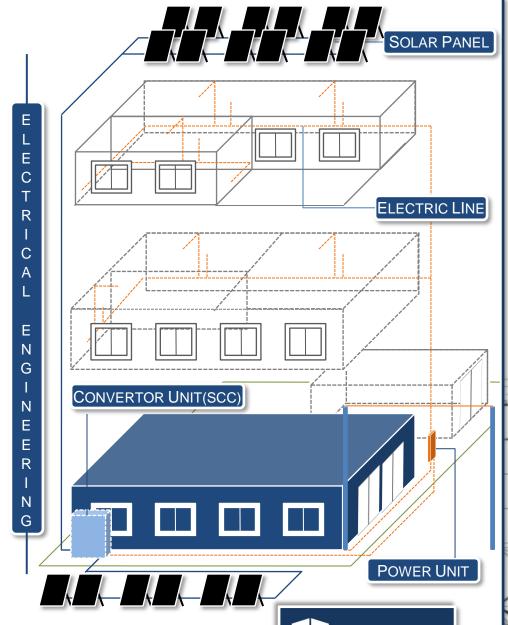


- Building Analysis along with Heat load estimation and solar and wind impact on the structure using Simulation
- Engineering plans for various building systems:
 - 1) HVAC systems,
 - 2) Cold Storage unit
 - 3) Water Pumping units,
 - 4) Integrated temperature units,
 - 5) Sewage Treatment plant, Water treatment plant and ETPs.
- Electrical Power Load analysis for various systems, efficient usage plans for less electricity bill.
- Structural alteration if req. for better comfort of occupant & improved efficiency of systems
- Detailed Mechanical Drawing for work executions and maintenance.

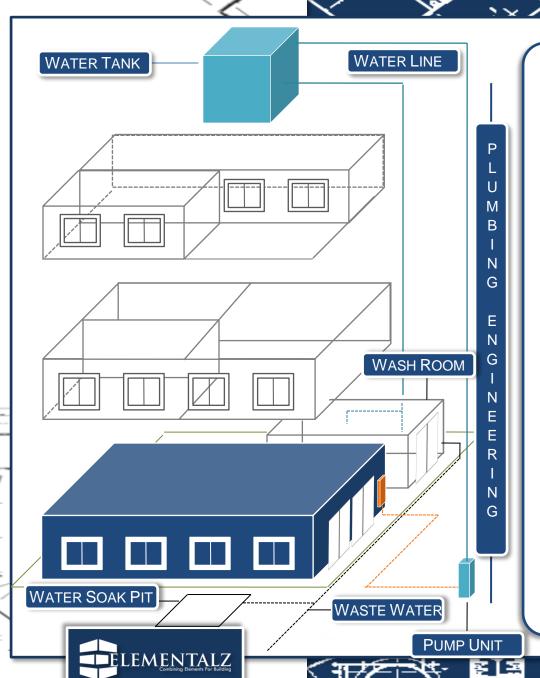


- Building Analysis along with power load estimation and weather impact on power production using Simulation.
- Engineering plans for various building systems:
 - 1) Power Generation
 - 2) Power Distribution (HV,MV,LV)
 - 3) Power Storage
- Electrical Power Load analysis for various systems, & efficient usage plans for less electricity bill.
- Structural alteration if req. for better improved efficiency of systems, Improved Safety and performance of electrical systems
- Detailed Line drawing for Complete Building & structure power systems.
- Detailed Electrical drawing for internal and external of the Buildings for work execution.









- Building Analysis along with water consumption estimation and weather impact on local water systems.
- Engineering plans for various building systems:
 - 1) Water Collection & Extraction
 - 2) Water Filtration
 - 3) Water Storage & Distribution
 - 4) Rain Water Harvesting
- Pressure Load analysis of water flow to ensure equal and adequate pressure through out the building for various systems, Efficient usage plan for less water bill.
- Structural alteration if req. for better improved efficiency of systems, Improved Safety and performance of water systems
- Detailed pipe and pressure drawing for Fresh, Recycled and sewage water for the whole Building & structures .
- Detailed layout for Pipelines and Water systems for project executions.







WATER FILTERATION



WATER STORAGE & DISTRIBUTION

- Soil Analysis for the structural designing and soil capacity analysis.
- Engineering plans for various parts of the building:
 - 1) Footing Drawing
 - 2) Structure Drawing
 - 3) Colum-Beam Drawing
 - 4) Structure safety analysis & certification
- Occupancy load calculation including possible foot fall, Building load capacity for heavy equipment like in case of Cars, etc.
- Structural alteration if req. for better improved efficiency of building, Improved Safety & performance of building.
- Detailed Drawings for structure for project executions.
- Listing of milestones and schedule of project for each stage completion and mandatory safety guideline to be followed by contractor.



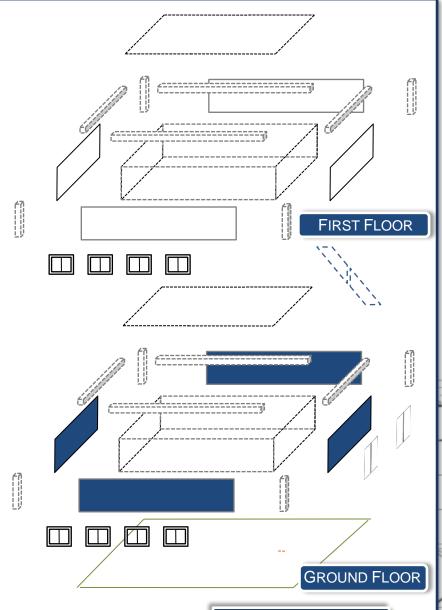




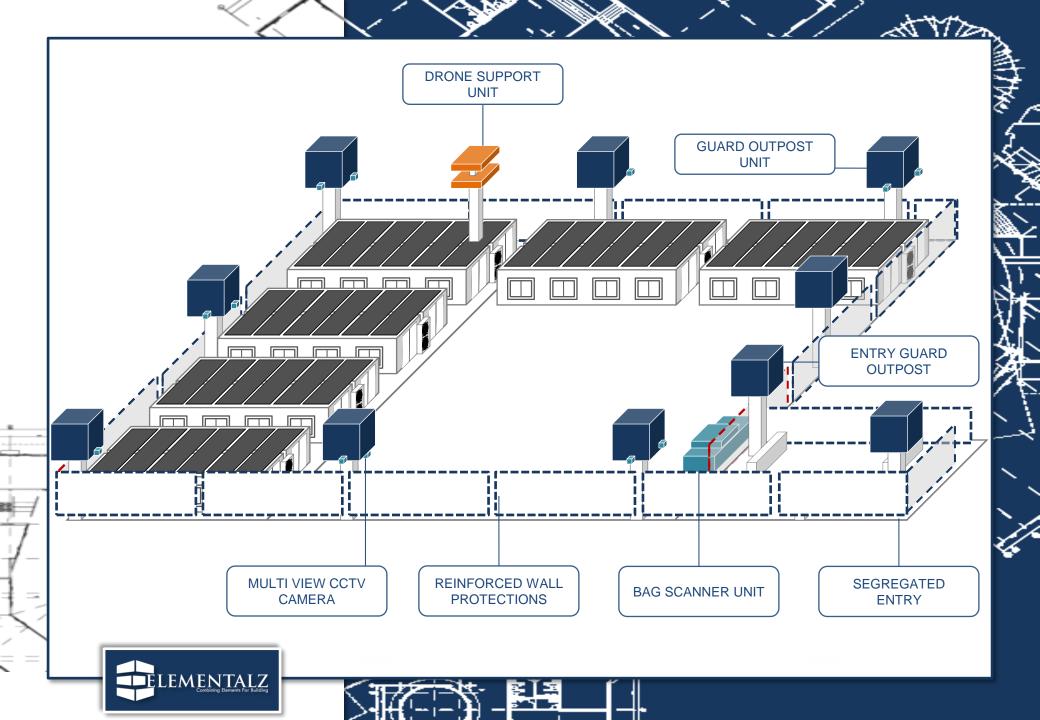
ANALYSIS & TESTING

OCCUPANT USAGE DESIGN

STRUCTURE







- Building analysis from threat perspective and weather impact on Security & Safety of the building using Simulations.
- Plans for various building Safety & Security Procedures:
 - 1) Safe Evacuation path for Occupants
 - 2) Fire Prevention & Fighting
 - 3) Accident Prevention & Post Event Remedy
 - 4) Disaster Threat Analysis & Structural changes
 - 5) Occupants Mock Drill Procedures Plan
 - 6) Multi Level Security Plan
 - 7) Central Parking System
 - 8) Manual & Drone Surveillance path planning
 - 9) Monitoring & Surveillance Room planning
 - 10) Fire & Hazard Progression Simulations
 - 11) Security Policy Advisory
 - 12) Training In Threat detection & Response
- Electrical Power Load analysis for various systems, & efficient usage plans for less electricity bill.
- Structural alteration if req. for better improved efficiency of systems, Improved Safety, Security and performance of building, and its premises.
- Detailed Line drawing for Complete Building & structure power systems.
- Complete updating of Building Management systems for all predictable scenarios, It also enable Automation of building to greater extent.

GENERAL PROTECTION & WELLBEING

PERSONNEL SAFETY

BUILDING SECURITY

ECURITY LEVEL

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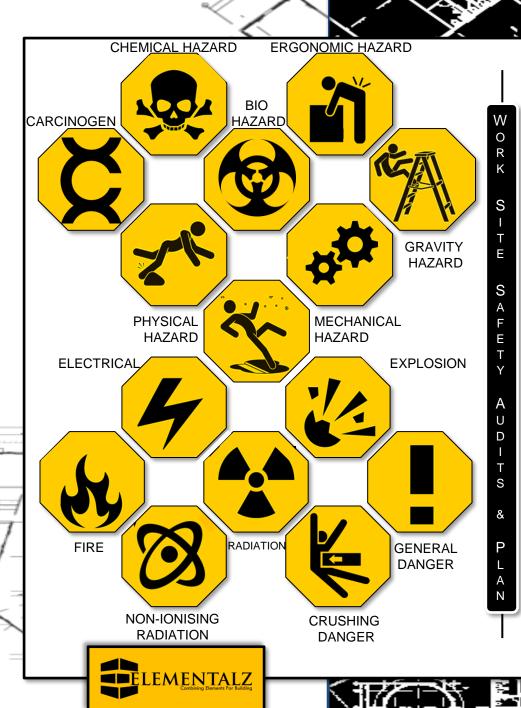
BASIC SECURITY SYSTEM

LEVEL 1 SECURITY SYSTEM

LEVEL 2 SECURITY SYSTEM

LEVEL 3 SECURITY SYSTEM





- Work site analysis from threat, risk perspective & weather impact on Safety of the building work site & its workers using Simulations.
- Plans for various Work site Safety Procedures:
 - 1) Risk management planning
 - 2) Safe Evacuation path for Workers
 - 3) Fire Prevention & Fighting
 - 4) Tender Proposal For Safety & Contractor analysis
 - 5) Safety Monitoring & Enforcement
 - 6) Stock piling of raw material on site
 - 7) Accident Prevention & Post Event Remedy
- Route planning for Vehicle and other equipment through out the work site for transport of raw material & personnel
- Electrical Power Load analysis for various systems, & efficient usage plans for less electricity bill.
- Structural alteration if req. for better improved efficiency of systems, Improved Safety, Security and performance of work site and its premises.
- Scheduling of various operation to prevent conflict or accidents.
- Equipment and vehicle safety analysis. Headcounts and attendance before and after operations.

- Building Wide Audits of all of its systems to identify flaws and issues.
- Optimization plan for affected systems that may even include Building restructuring apart from system's overhaul.
- Energy consumption load analysis for green building certification.
- Guiding and helping in Issuance of certificate as per data by competent authorities

OCCUPANT WELLBEING ANALYSIS





AUDITS











ENERGY EFFICIENCY CERTIFICATION















HEALTH, SAFETY AND SECURITY



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QUALITY CERTIFICATION







CODE COMPLIANCE

ECBC COMPLIANCE





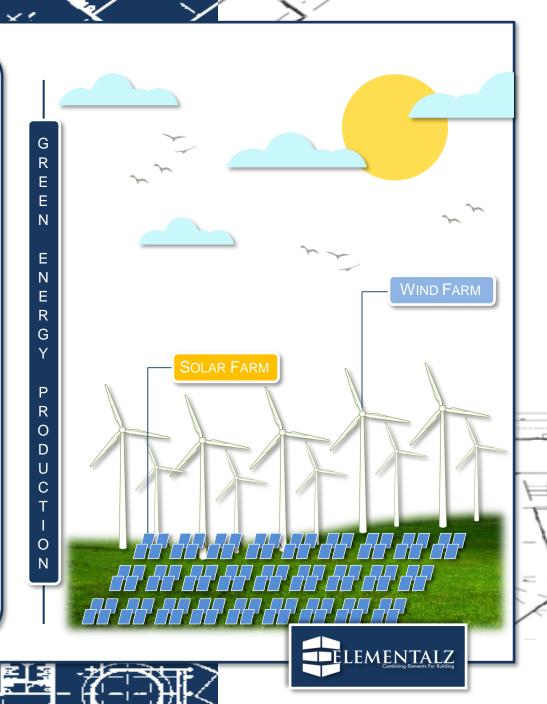


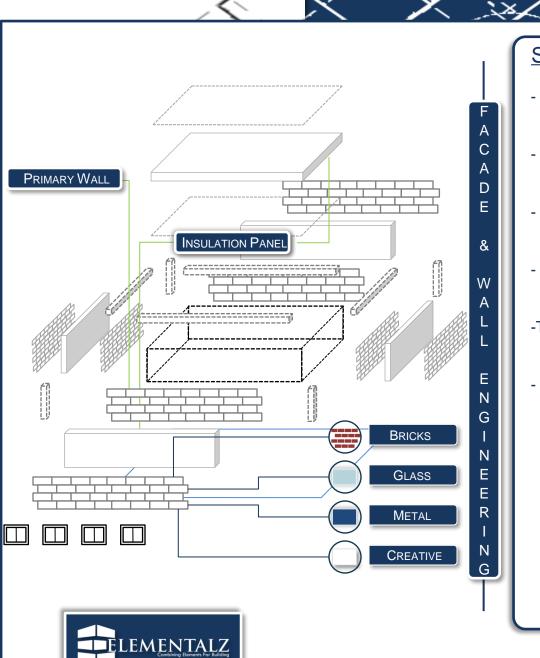
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- Electrical Power Load analysis for various systems, efficient usage plans for less electricity bill.
- Structural alteration if req. for better comfort of occupant & improved efficiency of systems
- Detailed Mechanical Drawing for work executions and maintenance.
- Main target is to achieve close to net zero consuming status for every building.
- End to End Support for Green Building Certification.

ı	LEGEND			
ı	01 INDOOR PLANT	02 GLASS WALL	03 Roof Garden	04 ROOF ENTRY
ı	05 STAIR & LIFT	06 RAIN WATER	07 CHARGE POINT	08 WATER BODY
ı	09 GUARD WALL	10 SOLAR PANEL	11 SUNLIGHT BAY	12 CONDUIT LINE
ı	13 HVLF FAN	14 CYCLE RACK	15 O ₂ PLANT	16 HVAC UNIT



- Location Analysis along with environment analysis over a period of 1 year.
- Layout for Placement of Panels and turbines for high efficiency and longer Energy production cycle per year
- Framework design and layout for mounting of Solar panels and Wind Turbines.
- Liaisoning with the energy company, Power Agreement analysis.
- Grid designing for transport and distribution of produced energy to Customers with minimal loss of power, etc.
- Designing of storage systems for maximum backup for longer period of time.
- Preparation of Safety and Operations Guidelines for future employees
- Process analysis and designing for collection, process
 accumulation of Bio Mass for energy production
- Designing of Distributed solar array over colony and other areas.
- Multi nodal integrated designing of multiple Energy source production for continues production.
- Designing modal for Solar Concentration Plant.





- Building Analysis along with Heat load estimation and solar and wind impact on the structure using Simulation
- Building analysis along with operational simulation enabling future maintenance and operations in the building.
- Layout and planning of façade in such a way that they hide all conduits inside it and still have space for maintenance.
- Designing facade in such a manner to improve Comfort of the occupant, Improve Atmosphere and reduce consumption of electricity.
- -Threat analysis of façade design and suggestion to rectify it.
- Modification suggestions to improve comfort of occupants in building, Energy Efficiency of internal systems, stability of the façade or envelope.



- Location Analysis along with environment analysis for a period of at least 1 year.
- Topographical analysis for best location and placement of various infrastructure
- Analysis of Byproducts released by human activity and ways along with quantity of measures needed to control or mitigate these byproducts or their effects on nature
- Designing of various systems like Air Purifier, STP, ETP, etc.
- Designing Canal systems, Foliage Patches, etc. to mitigate loss of environment quality
- Future Environmental threat analysis along with plans to counter them.
- Designing and layout planning of any region to improve the living standards of people residing in the region.
- Reporting, Analyze effect of byproduct from human activity on natural fauna and flora.







CONTACT FOR MORE INFORMATION

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