



EXPERTPRO ENGINEERS PVT. LTD.

Land Surveyors | Civil Engineers

Govt. Approved N.T.C. I.T.I & ENG. Certificate No.142831 (Since 2010)

* SCANNER * TOTALSTATION * GPS SURVEY * GPR SURVEY



Land Surveyors & Civil Engineers

WELCOME TO EXPERTPRO ENGINEERS PVT.LTD.

The firm, Expert Engineers, is a group of surveying and GPS & DRONE working in the field of Construction Survey Projects (Road, Solar Power Plant, Power Plants, LNG Facilities, Refineries, Town- ship Projects) Irrigation Command Area Survey, Preliminary survey for Roads and Highways, Route surveys for water / gas / oil pipe lines, HT Power transmission, Micro setting surveys for Windmill Projects, etc.

Office Address:

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Website: www.expertproengineers.in

ABOUT US



The Company **Expertpro Engineers Pvt. Ltd.** formerly known as Expert Engineers is a group of surveying and gps working in the field of construction, survey projects (Road, Solar Power Plant, Power Plants, LNG Facilities, Refineries, Town-ship Projects), Irrigation Command Area Survey, Prelim survey for Roads and Highways, Route surveys for water / gas / oil pipe lines, HT Power transmission, Micro setting surveys for Windmill Projects, Drone Surveyors, Lidar Survey, Scanner Survey, DGPS Survey, Auto Level, Lsection, Cross Section, Contour Survey etc. Also we have diversified our business into other sectors like Construction, Soil Testing, Evacuations, Borewell Installations, Real Estate etc.

Expert Engineers was established in 2011. During last few years, the firm has carried out various types of topographical survey works in the field of civil engineering for industries best clients. The firm has recently carried out Bharat Mala Road survey of GJ and MP, Air Port, Bellary town ship Development. Work includes carrying out Layout survey including underground utilities, Auto-Cad drawing.

The firm has very good in-house infrastructure for geo- technical / Topographical / constructions / GPS Survey applications. We have Experience in handling latest equipments like DGPS, Total Station Survey Instruments and Auto/Digital Levels. We have in house latest facilities for data processing and presentation. Our in house technical staff included three graduate and four Diploma Engineers plus Seven qualified surveyors for Land Survey

OUR MISSION

At Expertpro Engineers Pvt. Ltd., our mission is to deliver unparalleled surveying and engineering solutions that empower our clients to build with confidence and precision.

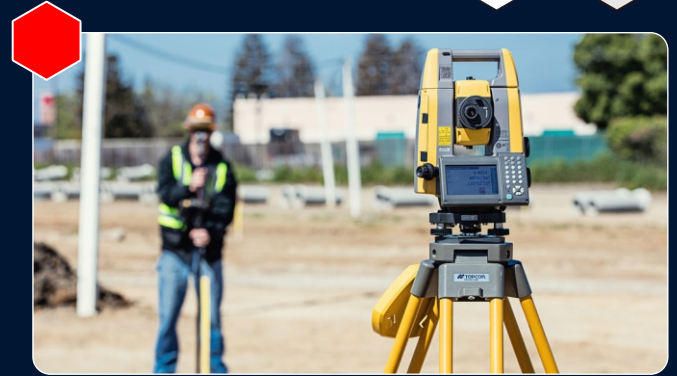
OUR VALUES

At Expertpro Engineers Pvt. Ltd., our vision is to be a global leader in surveying and engineering services, recognized for our commitment to precision, innovation, and excellence.

OUR SERVICES



Total Station Survey - Techniques that uses a total station to measure angles, distances, and elevation. A total station is a surveying instrument that combines a theodolite, an electronic distance meter (EDM), and a data collector.



Digital Level Survey - A digital level is a surveying instrument that uses electronic sensors and digital displays to measure height differences with precision.

Land surveying: Digital levels can measure height differences, angles, slopes, and the height of structures.

Construction: Digital levels can be used for basic construction work and advanced leveling.

Infrastructure development: Digital levels are essential for providing accurate elevation data.

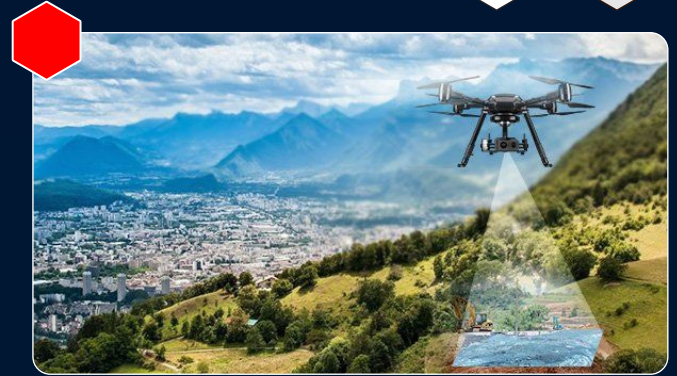


DGPS Survey - Differential Global Positioning System (DGPS) is a technology used to improve the accuracy of GPS (Global Positioning System) signals for surveys. DGPS surveys provide real-time data, 3D survey results, and higher accuracy than GPS. DGPS can increase the accuracy of positional data from about 15 meters to 1–3 centimeters

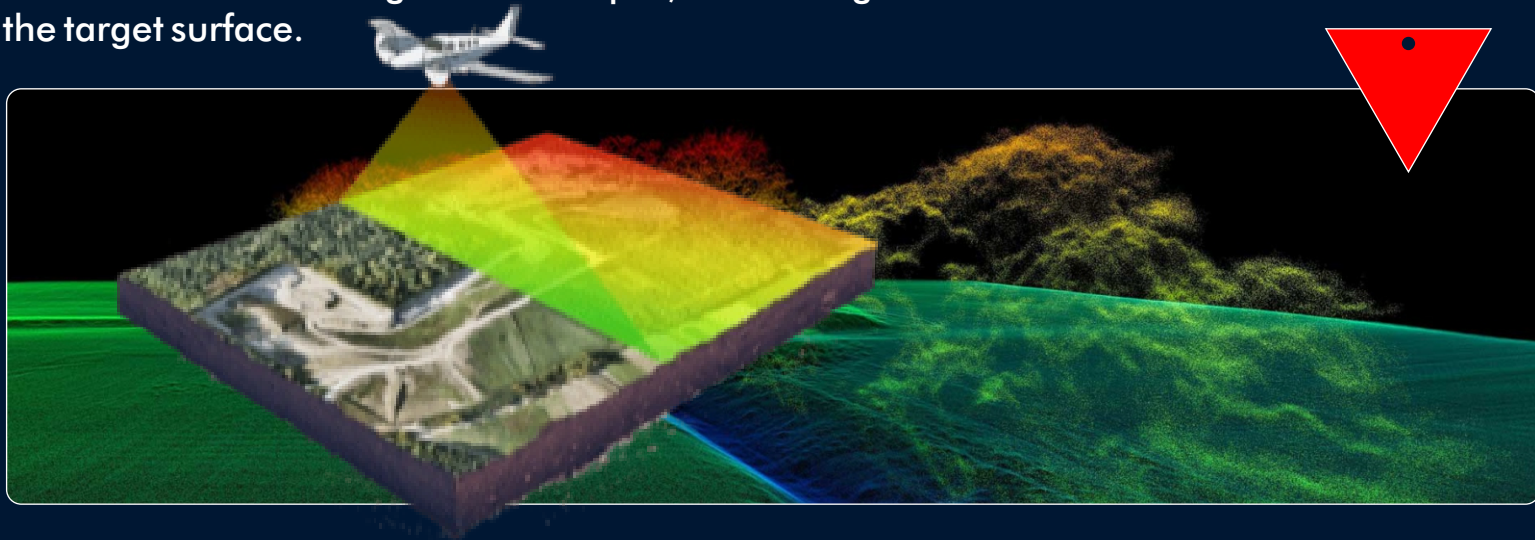
OUR SERVICES



Drone Survey - Surveying with a drone offers enormous potential to GIS professionals. With aerial mapping, it is possible to carry out topographic surveys of the same quality as the highly accurate measurements collected by traditional methods, but in a fraction of the time.



Lidar Survey - The LiDAR system consists of a laser scanner, GPS, and an Inertial Measurement Unit (IMU). Mounted on aircraft, drones, or even vehicles, the system emits thousands of laser pulses per second. The laser measures the time it takes for each pulse to bounce back from the ground or object, calculating the distance between the sensor and the target surface.

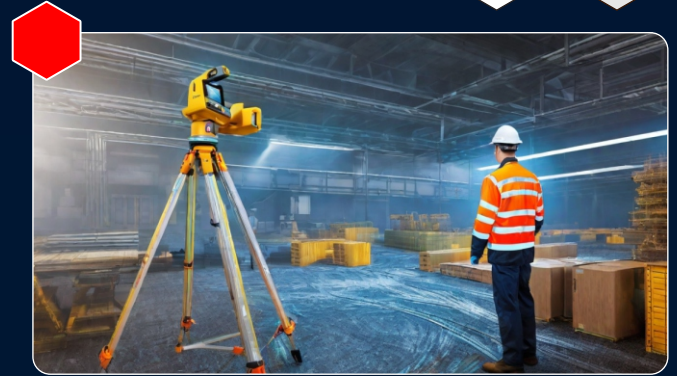


GPR Survey - GPR images the area below ground (or another surface, such as concrete), letting work teams and others understand what obstacles, resources or infrastructure might be located out of sight. GPR surveys can yield highly accurate results, and the rapid nature of the data acquisition makes it actionable for field teams.

OUR SERVICES



Scanner Survey - when laser technology, also referred to as Lidar, is implemented within a survey. With the help of a laser beam, surveyors are able to measure the distance, position, and shape of objects found in the surveyed environment.



Bathymetric Survey & Hydrographic Survey – Bathymetric Survey is used for water Bathymetric Survey is the measurement of underwater Depth for lakes, Oceans and other major water bodies by using an echo-sounder to provide safety to surface and subsurface navigation. From this survey we can get seafloor beds as contour lines which are called depth contours or isobaths. LiDAR technology may also be used for preparing Bathymetric maps.



Tree Survey - Is an important survey that is performed on private or public landscapes. The goal of the survey is to provide useful information on the trees so that property managers or homeowners can make informed decisions. Based on the information that they receive from the survey; they may then decide what to do with the trees.

OUR SERVICES



Building Vertical As Build Survey – Vertical Survey Determines if a building is upright or leaning, and can be done internally or externally. A detailed verticality survey can visualize the measurements. As-built survey Records the location of structures, boundaries, utilities, and other features on a property. It also verifies that the building is laid out according to the architectural or engineering drawings, and that it complies with local regulations. As-built surveys can be useful for maintenance planning, future modifications, and asset management



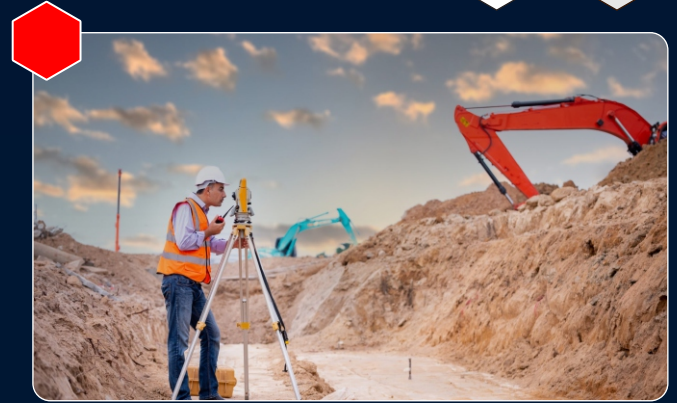
Transmission Line Survey - A transmission line survey is a comprehensive assessment of the condition of electrical power lines to ensure their safe and efficient operation. Important for Safety, Reliability and efficiency, Environmental protection & Regulatory compliance. Transmission lines carry electric energy from one point to another in an electric power system. They can carry alternating current or direct current, or a combination of both.



OUR SERVICES



Cutting & Filling Quantity Work Survey - To determine the amount of soil that needs to be removed or added to achieve a desired land elevation for a construction project. This process is crucial for creating level surfaces for roads, buildings, and other infrastructure. Accurate analysis ensures project timelines and budgets stay on track



Earth Work - An earthwork survey is a collection of data about a construction site's earthwork that is used to plan, estimate, and lay out the construction process. Earthwork surveys are used at every stage of construction, including cut and fill measurements

Pilling Work - Piling works by inserting large amounts of wood, steel or concrete into the soil of the ground. Pile foundation types include bored piling, driven piling, screw piling, sheet piling, and micro piles, each serving distinct structural support roles. These foundations offer deep support, high load capacity, access in difficult soils, minimal vibration, and are adaptable to various ground conditions.



OUR SERVICES



Building Demolition Survey - Survey the building. Inspect such as the construction materials, design, usage of building prior to demolition, and building codes. Remove hazardous materials, Prepare the demolition plan, Implement safety measures.



Civil Construction Work - Involved with the maintenance, design, and construction of environments such as roads, railways, buildings, water reservoirs, subdivisions, airports, bridges, sewer systems, tunnels, and dams.

Marine Survey - A marine survey is an inspection of a vessel to assess its condition, the products on board, and any damage to the vessel or cargo. Marine surveyors are responsible for ensuring that vessels meet safety and regulatory standards

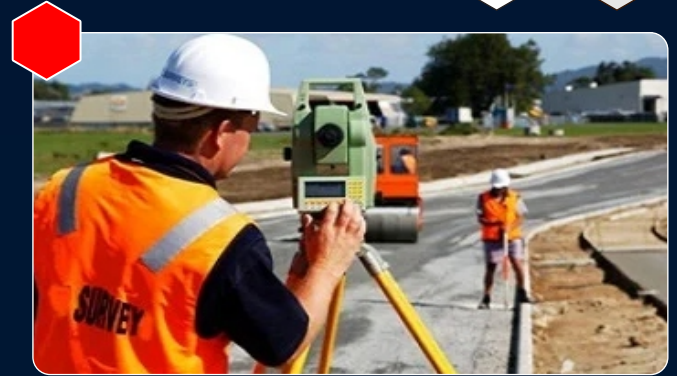


Cadastral Survey - A cadastral survey is a licensed surveyor's official measurement of a property's boundaries and dimensions, and it's used to establish and re-establish property ownership. The results of a cadastral survey are used to create cadastral maps, which are a database of official information about land.

OUR SERVICES

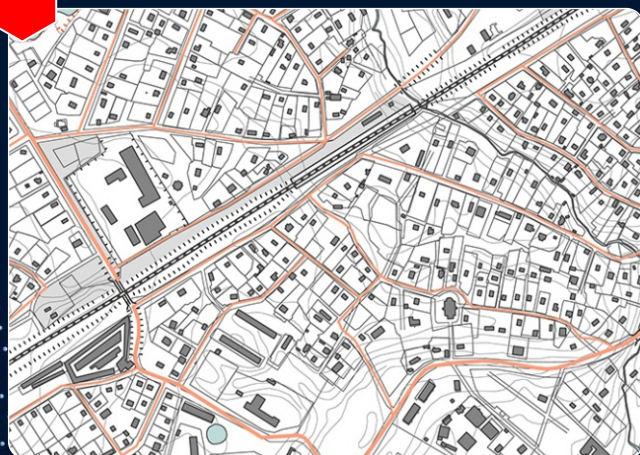


Route Survey - A route survey is a process that involves planning, designing, and laying out linear infrastructure like roads, railways, pipelines, and power lines.



Pile As Build Survey - As-built surveys are performed to document the final position of a construction project's elements and external works. This information can be useful for later alterations to the building, such as relocating manholes or services. As-built surveys are typically performed during or near the end of a construction project.

Contour Survey - A contour survey is a process that creates a map of a land plot's contours, or elevation differences, from the lowest to the highest point. It's a basic requirement for land development and construction projects



Topography Survey - A topographic survey, also known as a topographical land survey or topo survey, is a process that measures the relative locations of points on the Earth's surface. It involves measuring horizontal distances, elevation differences, and directions. The result is a detailed map of the landscape features of a site, including: Buildings and structures, Boundary lines, Vegetation, Ground heights, Contours, and elevations, Nearby features or structures, Slope stability and potential risks.

OUR SERVICES



Road Survey - A road survey, also known as a highway survey, is a specialized land survey that involves mapping, measuring, and analyzing roads and transportation infrastructure. Road surveys are important for road construction, maintenance, and transportation planning. The sequence of four stages of survey in a highway alignment is (a) reconnaissance, map study, preliminary survey and detailed survey.



Plot Survey - A plot plan is a detailed diagram of a parcel of land that shows its boundaries, topography, and the locations of any structures and features on the property. This type of survey is typically used for architectural or planning purposes, such as designing a new building or landscaping project. Plot plans provide essential information on the dimensions and shape of the property, as well as the location of any obstacles or limitations, such as trees, fences, or utility lines.



OUR SERVICES



Demarcation Survey - A demarcation land survey is a legal procedure that establishes the boundaries of a property by measuring and examining the land. The process involves identifying and marking the corners, boundary lines, and other relevant features of the property



Traversing Survey - A traversing survey is a surveying method that uses survey lines to determine the relative positions of points on the Earth's surface. It's a fundamental technique in construction, engineering, and land surveying, and is used for many purposes, including: Mapping: Creating accurate maps, Construction: Planning construction projects, Land boundaries: Defining land boundaries legally. There are two types of traverses: closed traverses, where the lines form a closed circuit, and open traverses, where the lines end elsewhere.



DGPS Static Survey – A type of Global Positioning System (GPS) survey that uses data recorded over a period of time to produce baselines between stationary GPS units. DGPS Survey are used for Establishing Ground Control Points (GCPs), Ortho rectification of satellite images, Real-Time, Kinematic (RTK) surveying or navigation, Measuring Road wear, Predicting earthquakes

OUR SERVICES



GPS Survey - GPS provides surveying and mapping data of the highest accuracy. GPS-based data collection is much faster than conventional surveying and mapping techniques, reducing the amount of equipment and labor required. A single surveyor can now accomplish in one day what once took an entire team weeks to do.

GPS supports the accurate mapping and modeling of the physical world — from mountains and rivers to streets and buildings to utility lines and other resources. Features measured with GPS can be displayed on maps and in geographic information systems (GIS) that store, manipulate, and display geographically referenced data



Slum Survey - slum survey is a way to collect data about slums, which are densely populated urban areas with poverty. The data collected can include: location of the slum, The condition of the roads, paths, and lanes in and around the slum, The availability of basic amenities like electricity, drinking water, and sanitation.



OUR SERVICES



Road, Pipe Line Survey, Channel & Nallah Survey - The preliminary traversing is done along the proposed route; various alternatives are checked to get most suitable alignment. Generally longitudinal levels are taken at 15, 20, 25 m. interval as specified and cross-sectional levels are taken to cover the proposed width of the road channel railway line to access the quantity of earthwork to be done. The vertical and horizontal profiles are designed by various programs written in Autolisp. The various alternatives can be run in computer for various profiles. Further the plane table details are collected to cover the required width.



Irrigation Survey - Irrigation, or water management, is the process of determining and controlling the volume, frequency and application rate of irrigation water in a planned, efficient manner.



OUR SERVICES



Building Internal Survey - A building internal survey, also known as a measured building survey, is a process that captures data about a building's interior, including room layouts, ceiling heights, and structural elements. These surveys are essential for interior design projects, renovations, lease plans, and more.



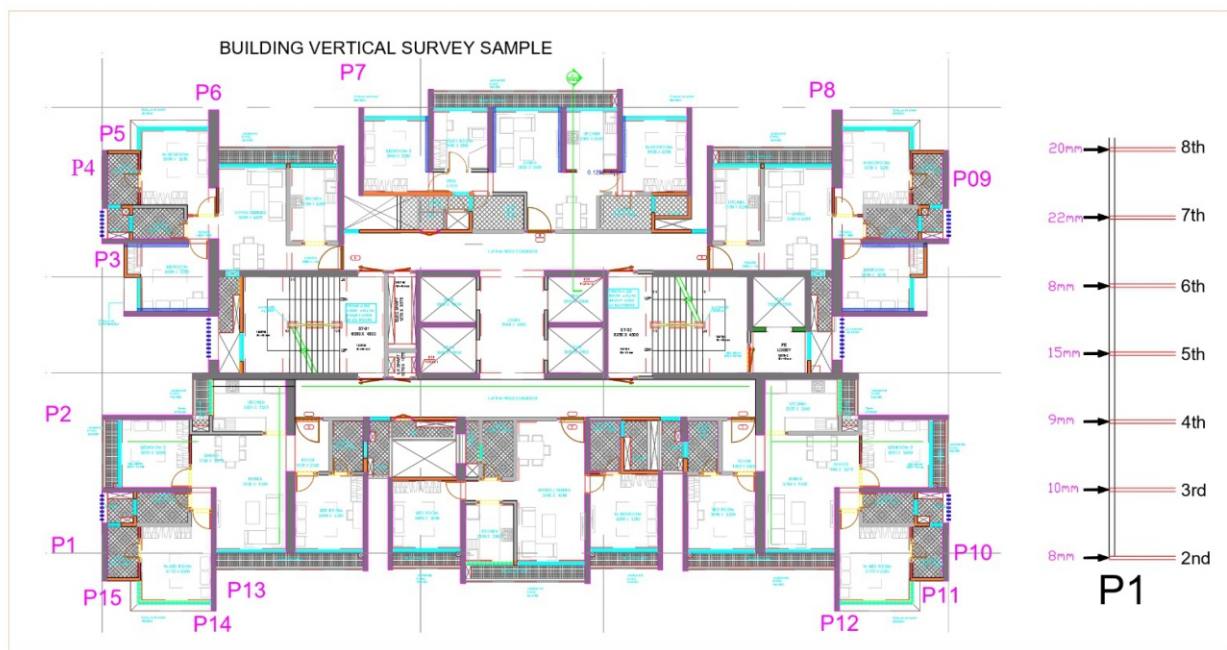
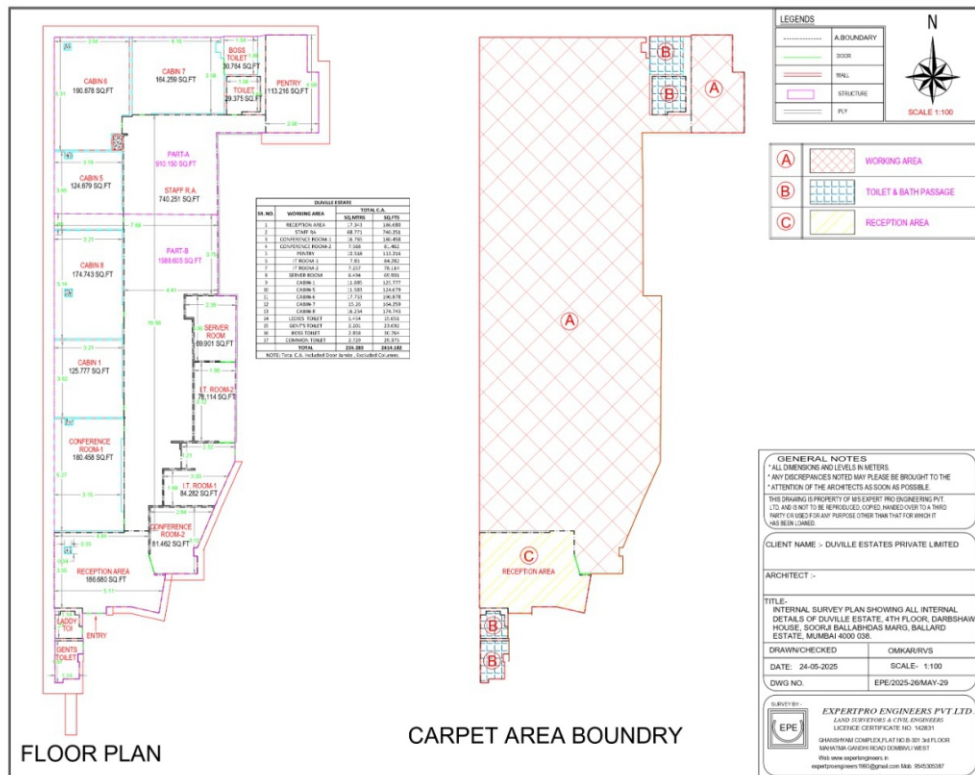
Level Quantity Survey - A quantity surveyor is a professional responsible for estimating costs and maintaining a budget for a construction company. They ensure that the structures under construction meet the required legal and quality standards. These surveyors are often involved at each stage of a project. They make sure that a project does not exceed its set budget by communicating with clients, construction workers and a construction company's accounting department.

Engineering Survey - An engineering survey is a collection of activities that support the planning, design, construction, maintenance, and operation of engineered projects. Engineering surveys include:

- Locating and laying out alignments, positions, or elevations for construction.
- Producing maps and plans
- Setting out construction works
- Computing areas and volumes

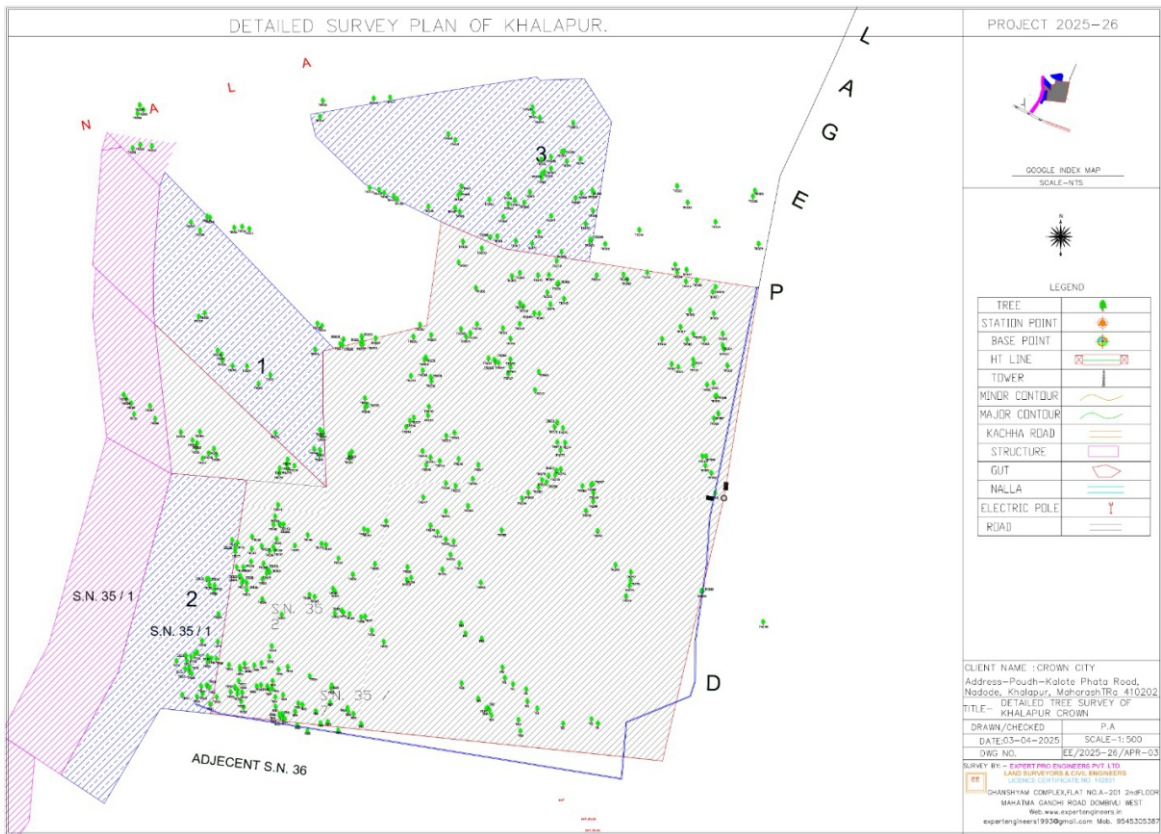
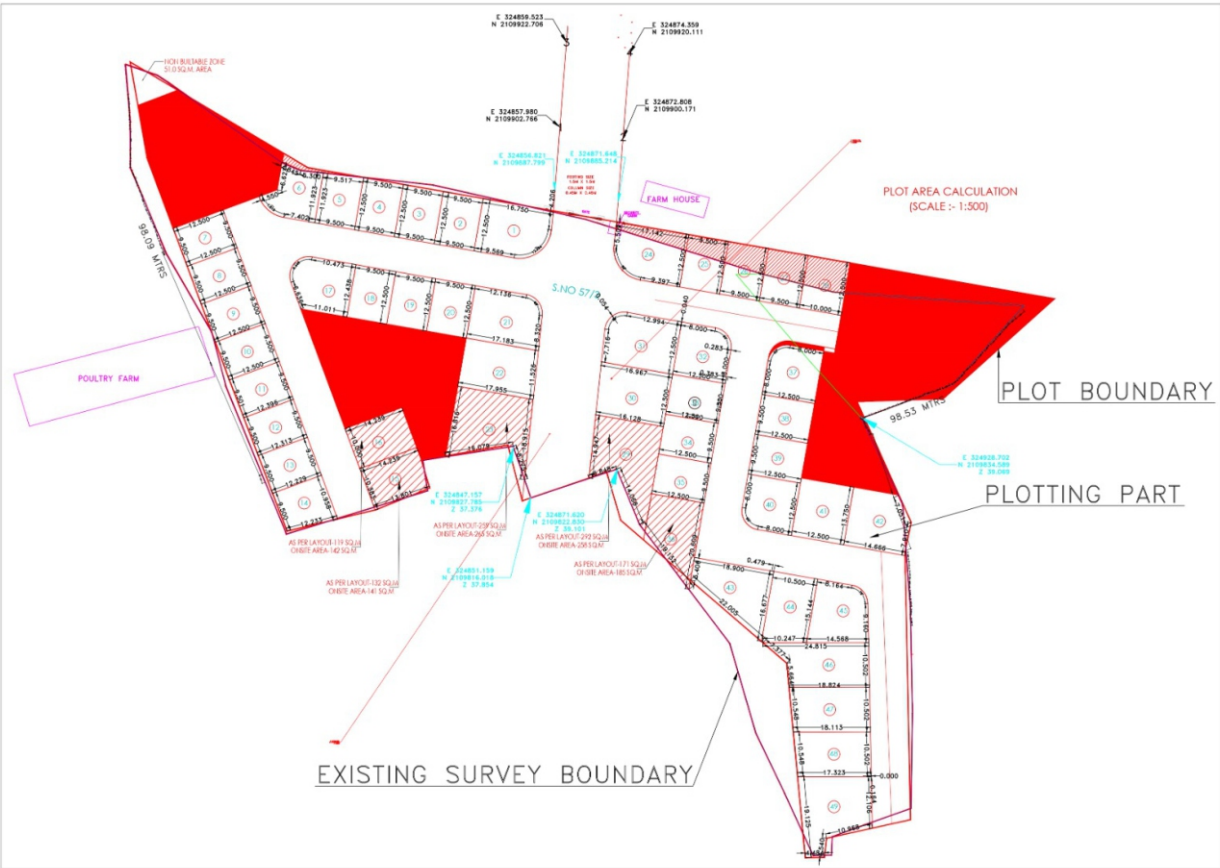


OUR SURVEY WORKS

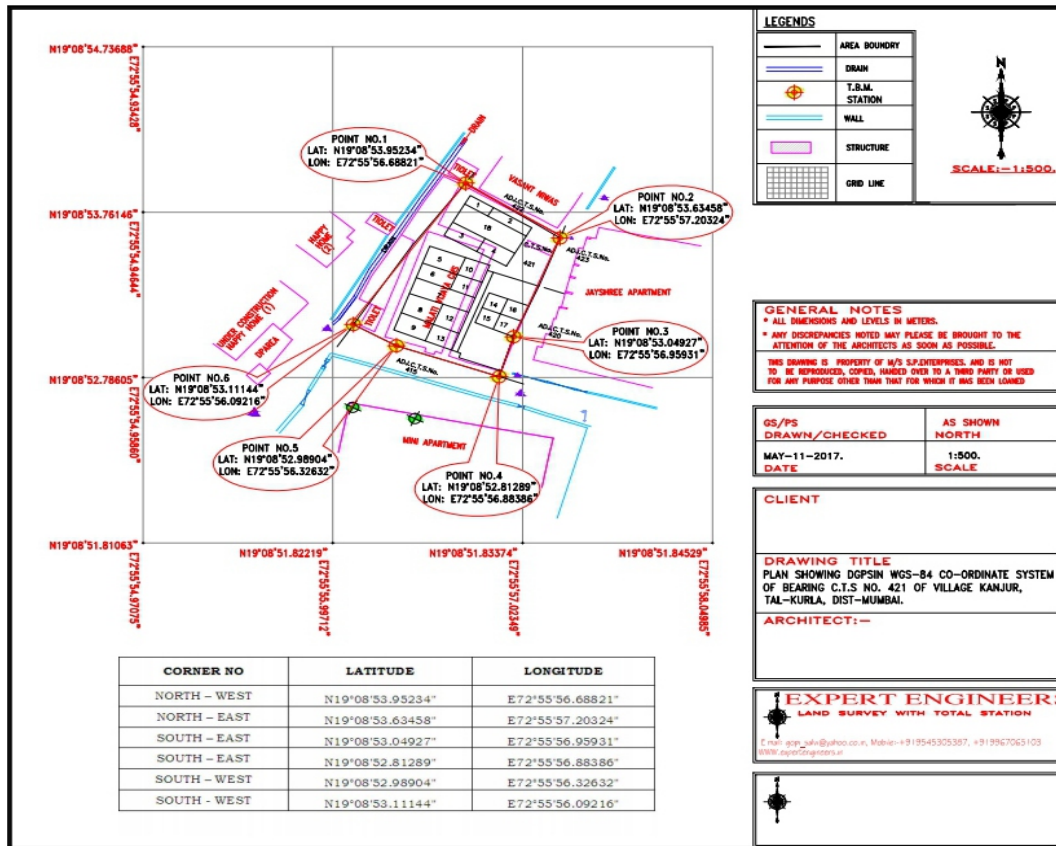


VERTICAL SURVEY DWG-Model

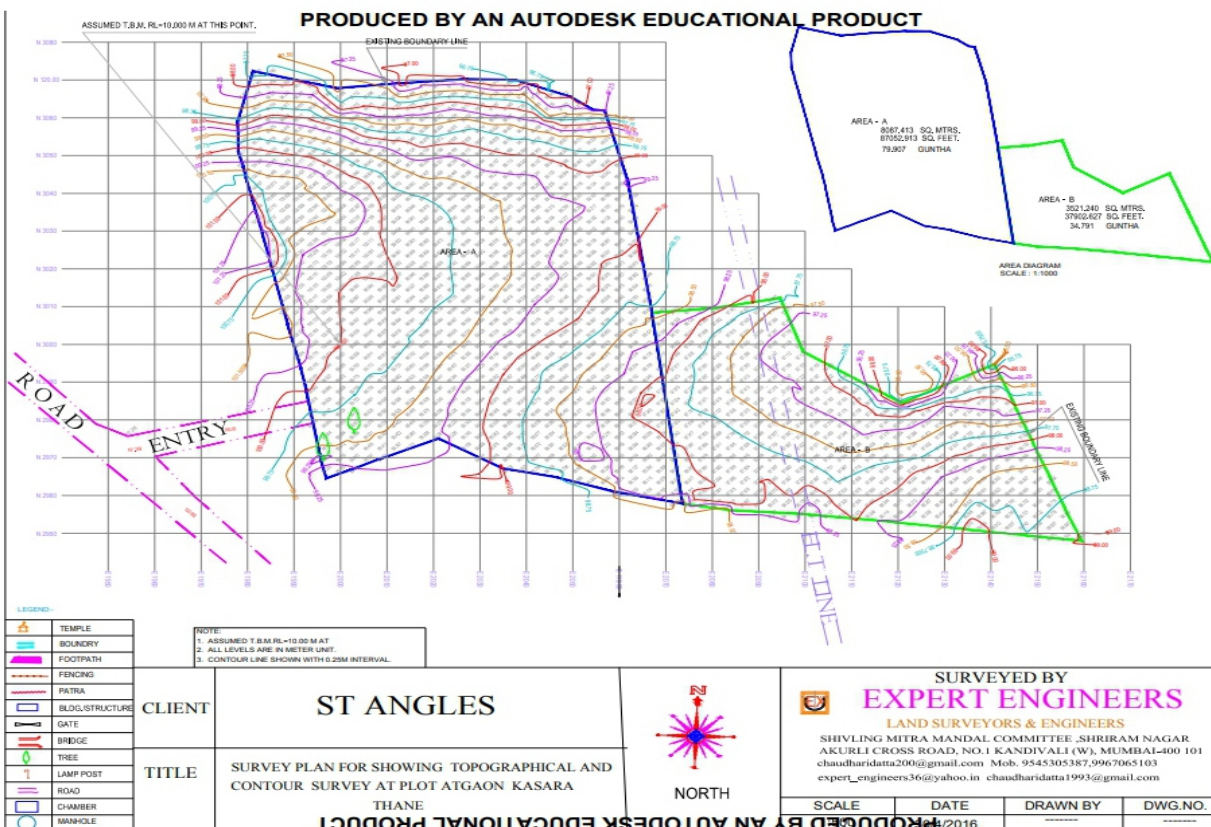
OUR SURVEY WORKS



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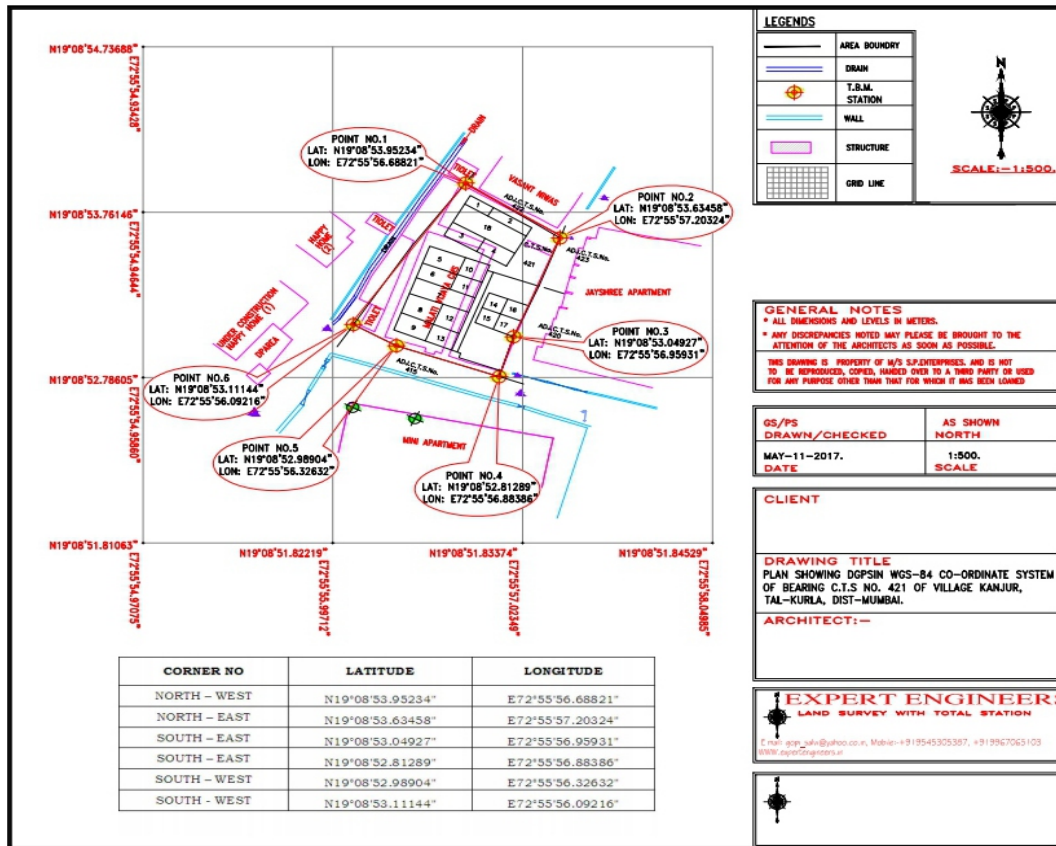


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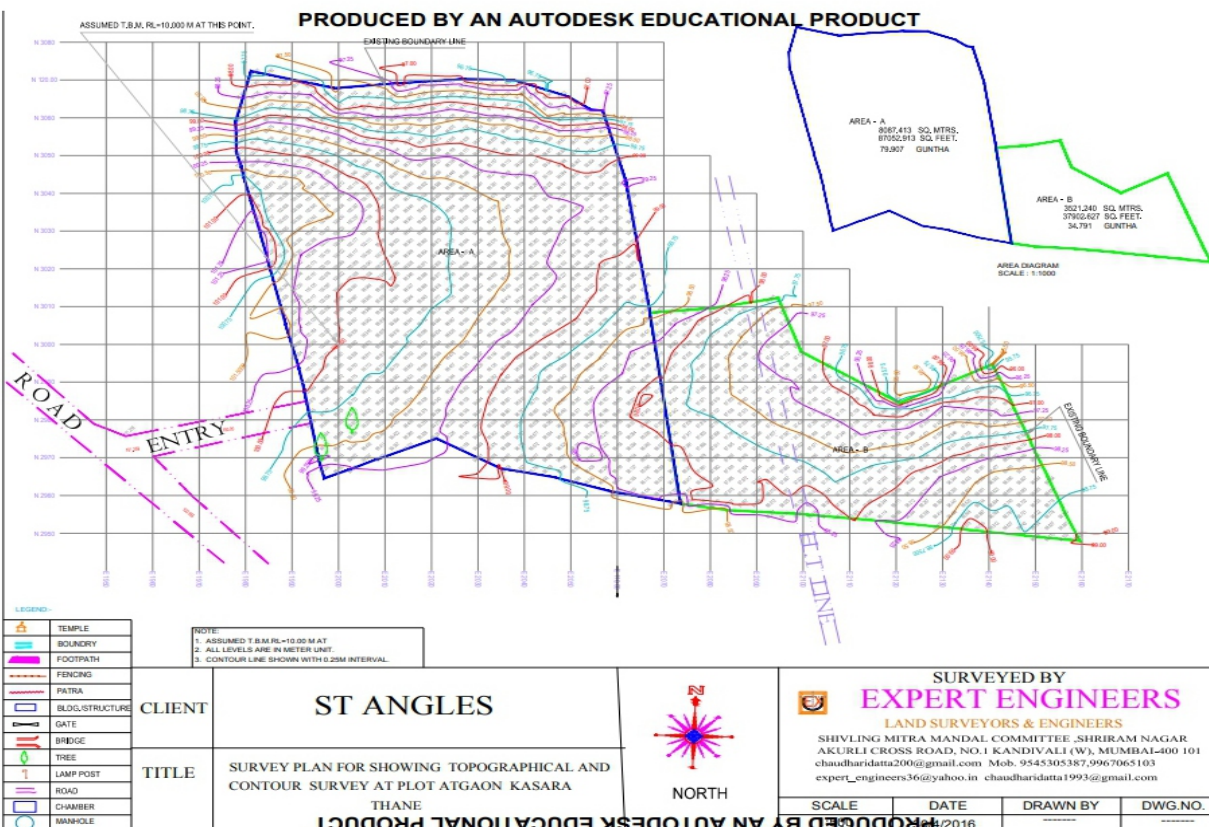


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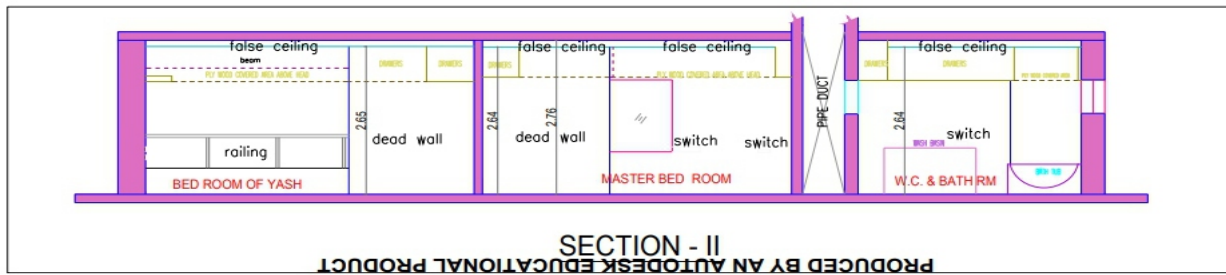
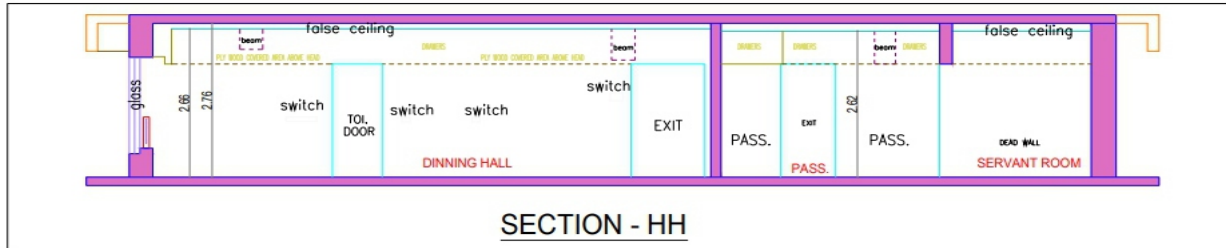
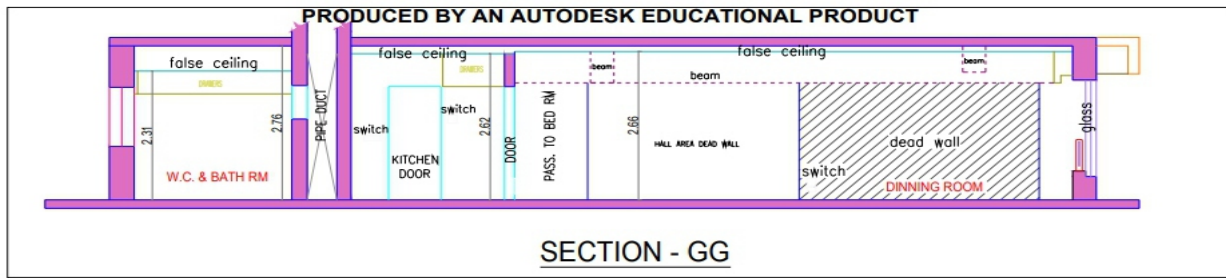


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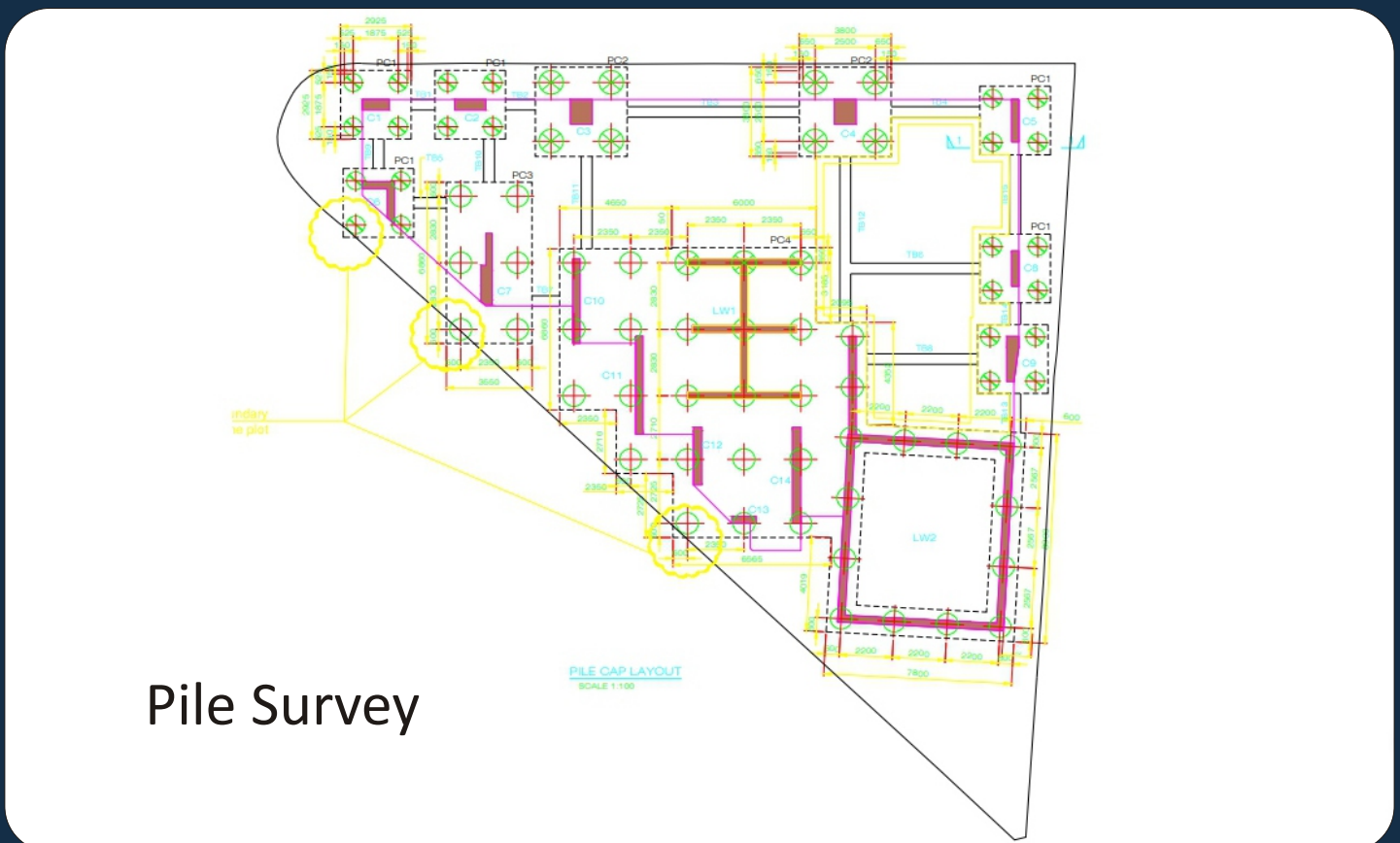
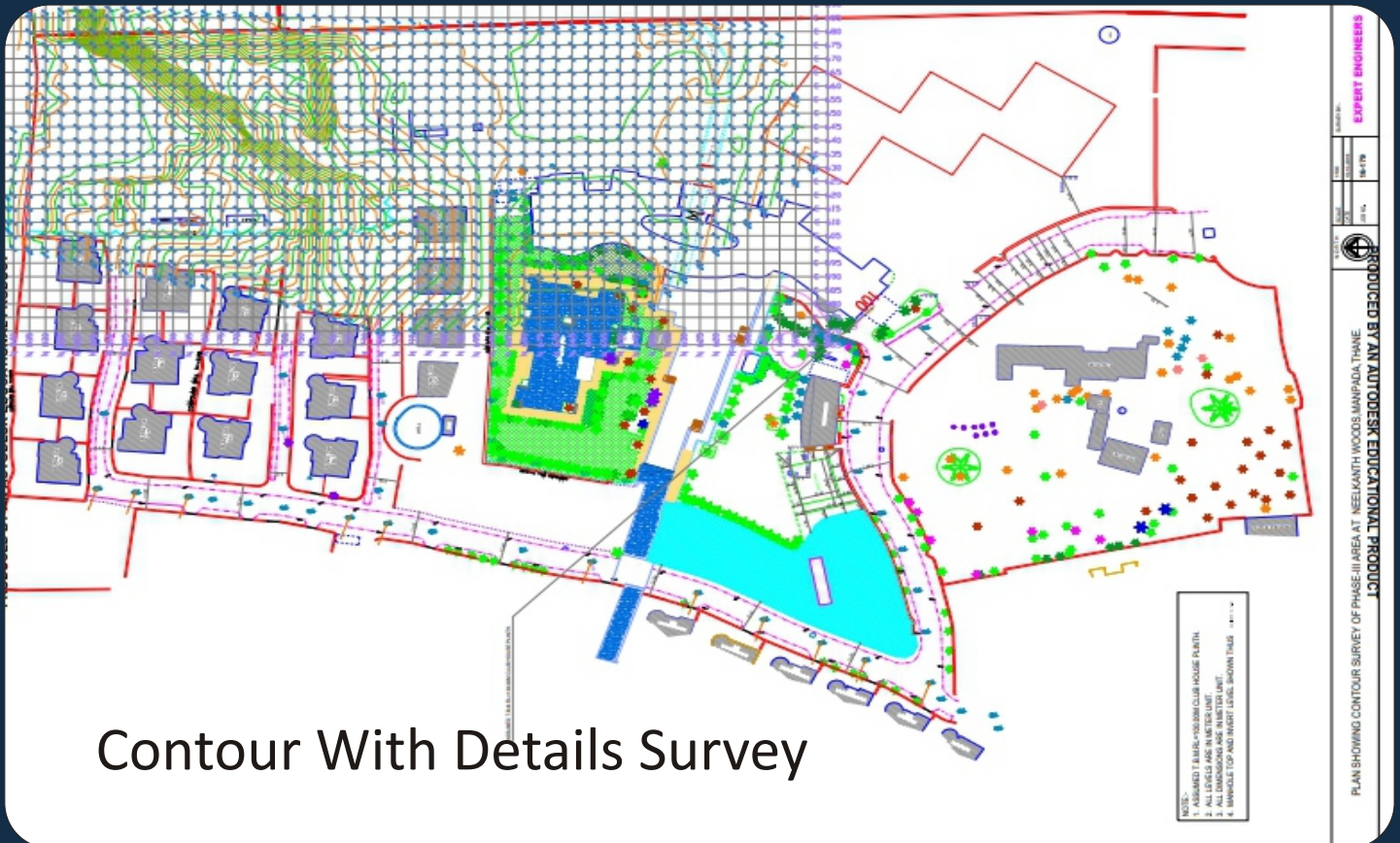
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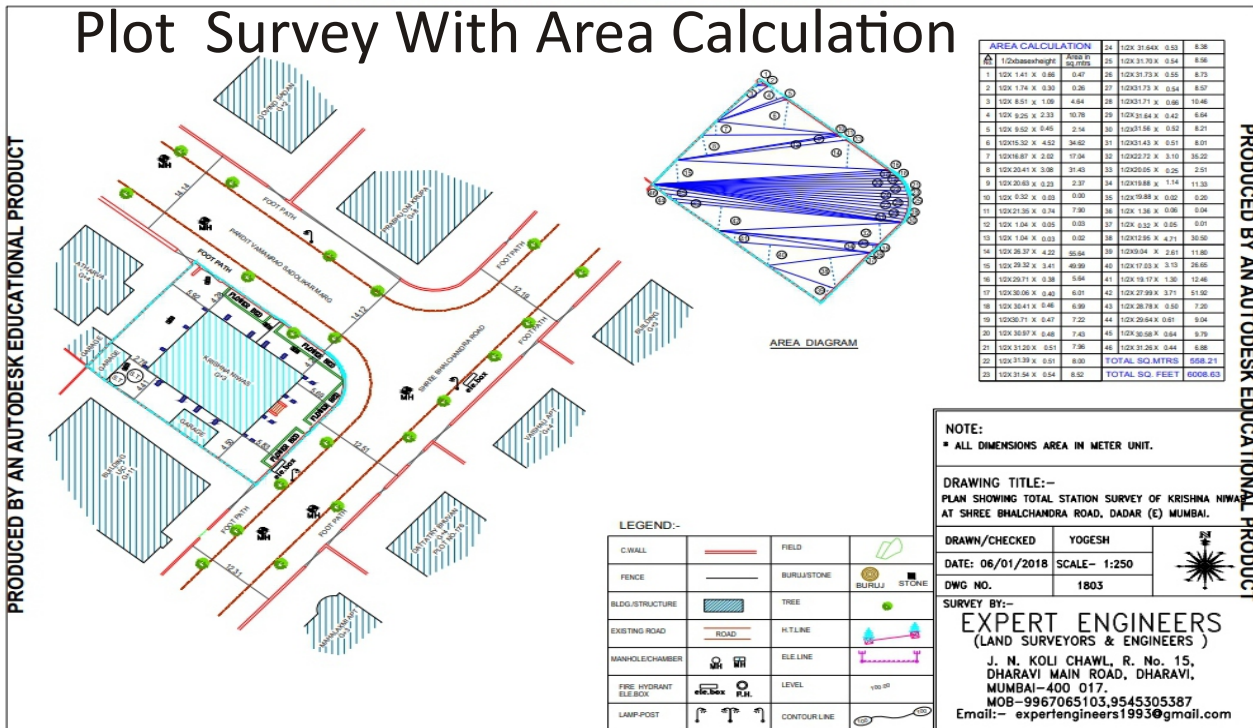
OUR SURVEY WORKS



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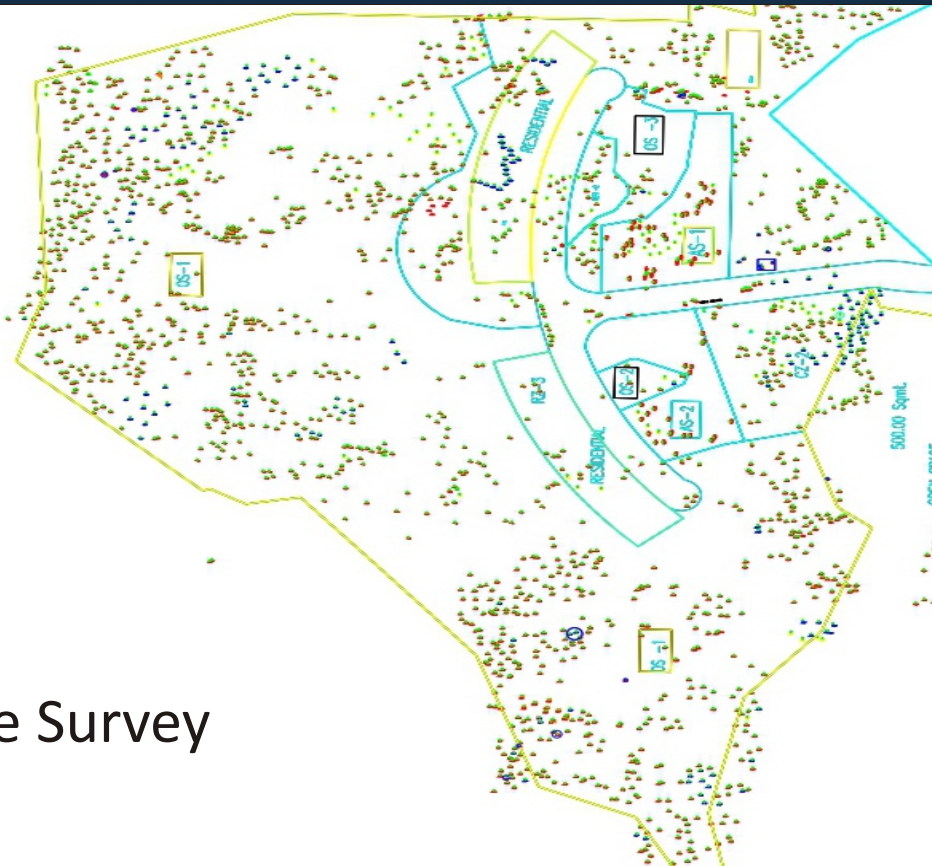
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Plot Survey With Area Calculation

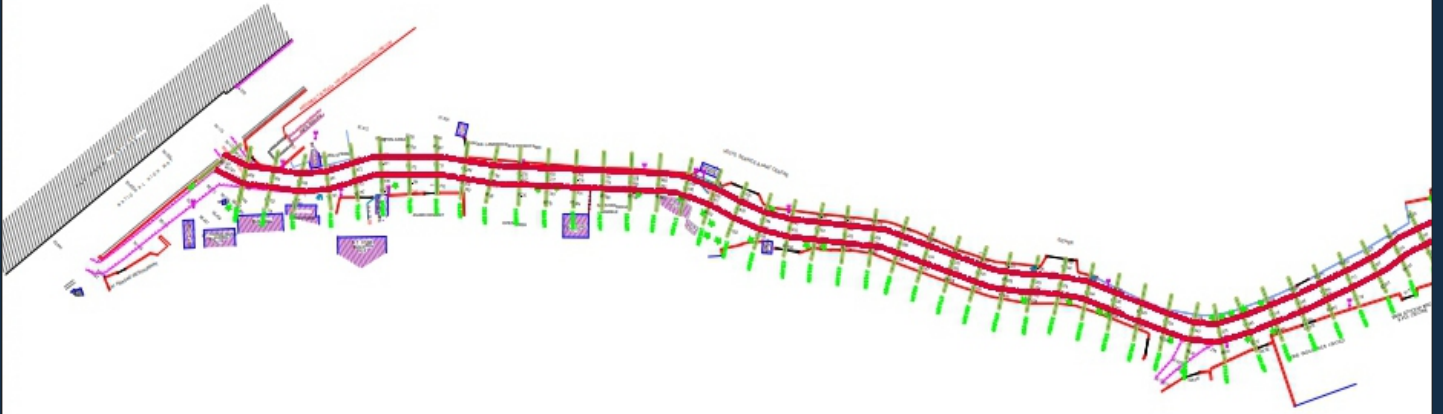


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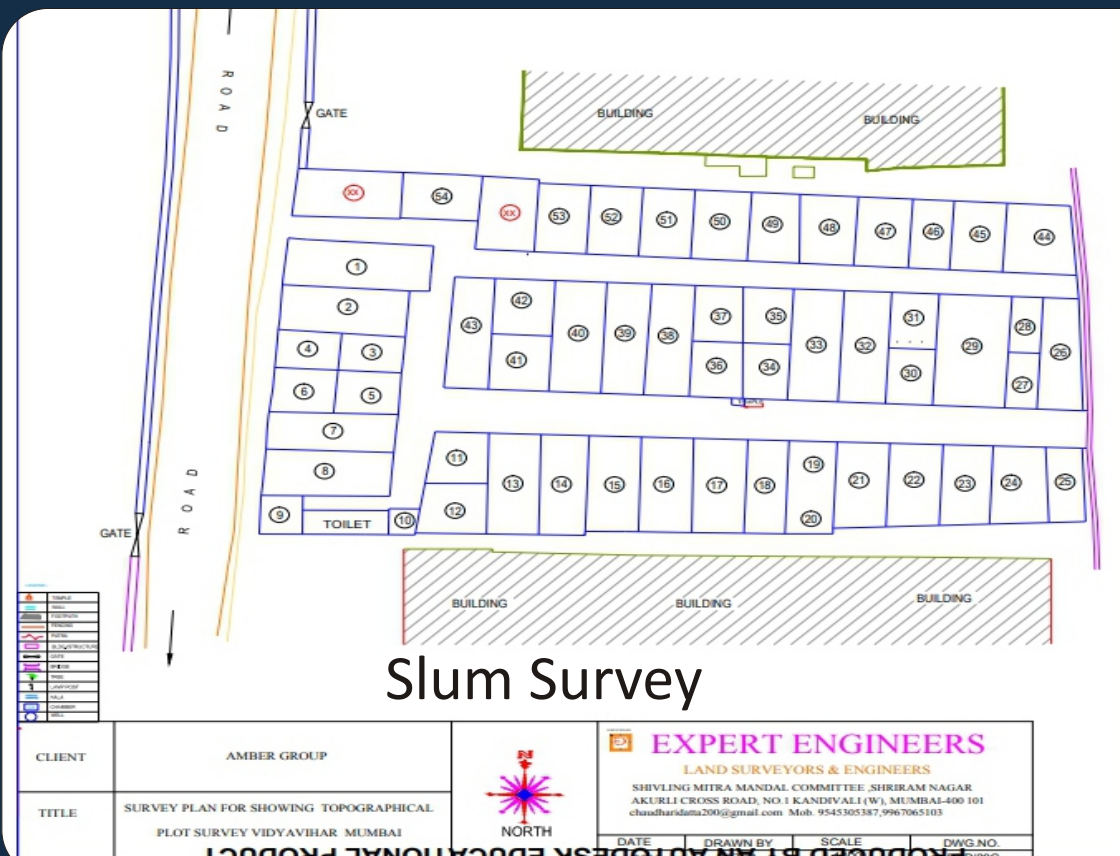
Tree Survey



OUR SURVEY WORKS



Road Survey

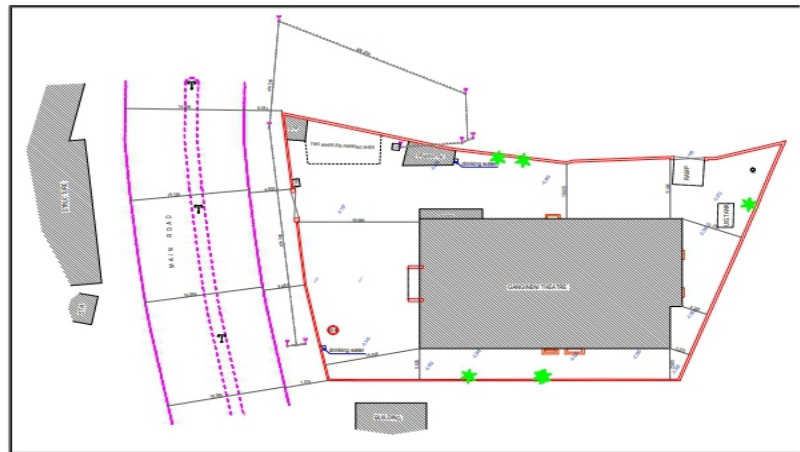
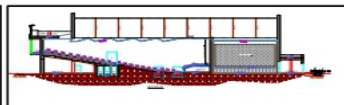
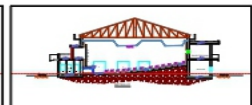
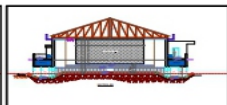
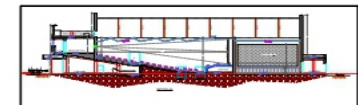
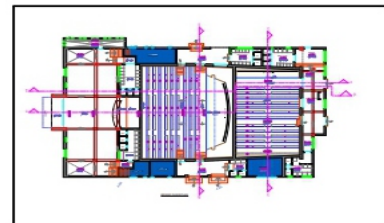
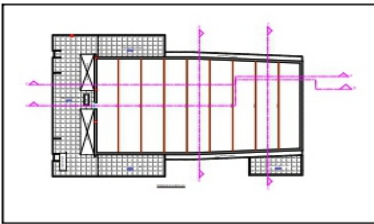


Slum Survey

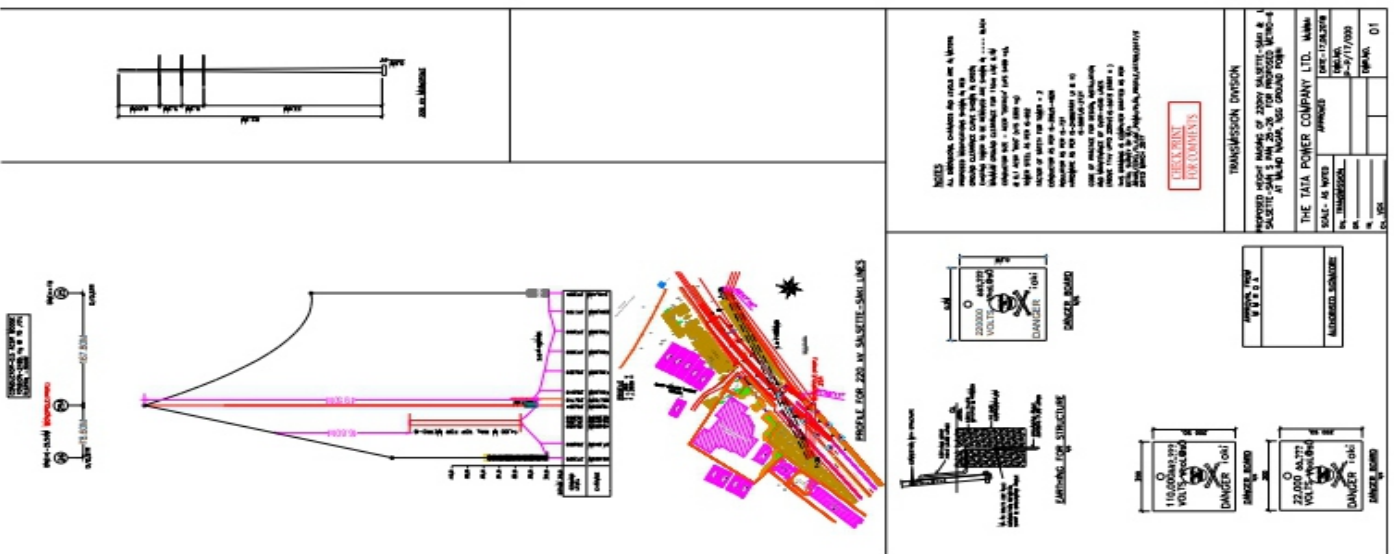
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OUR SURVEY WORKS

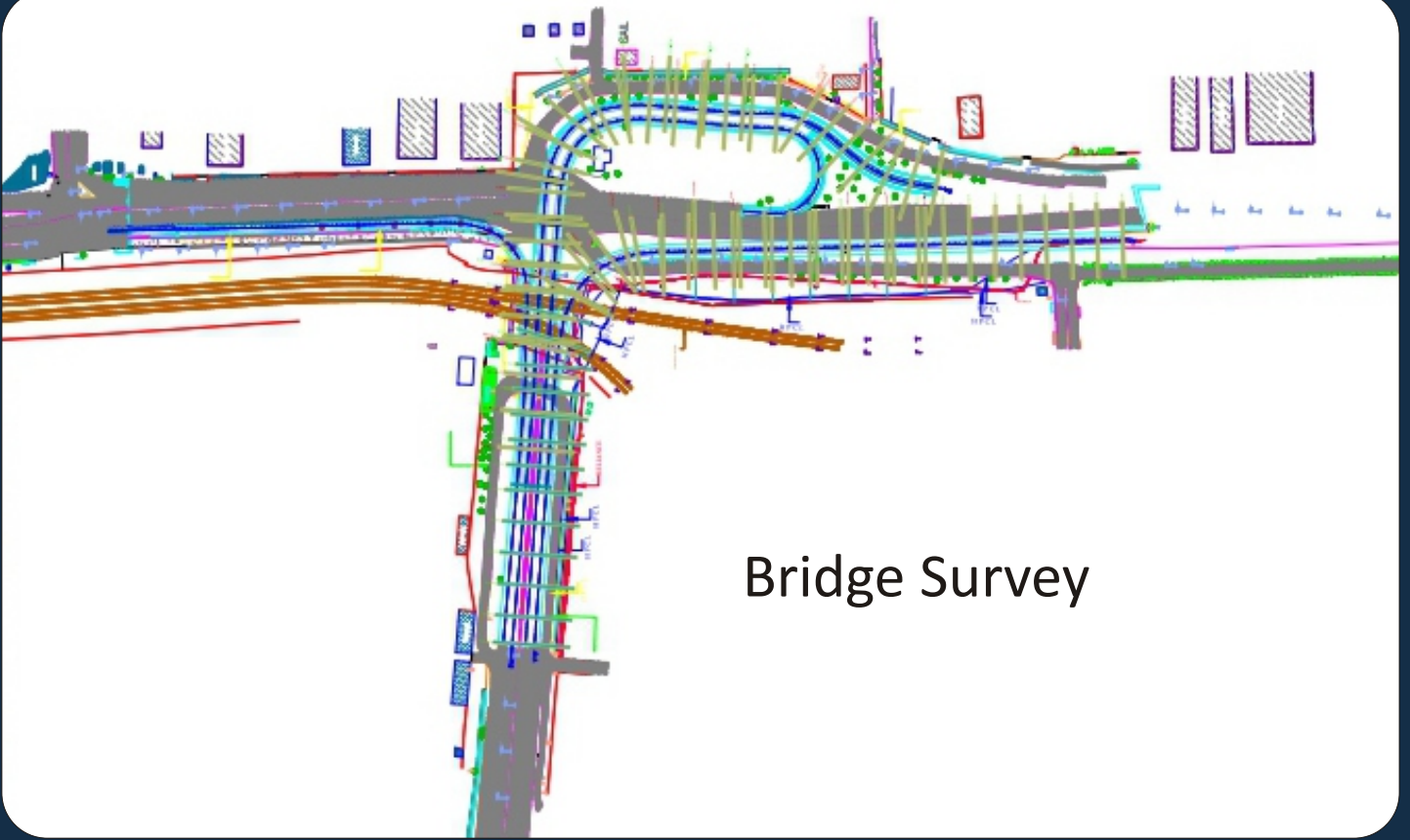
Plot Survey



Tower Survey With Profile



OUR SURVEY WORKS



L-SECTION-AA

L- Section

Bio Data Of The Company

Name	EXPERTPRO ENGINEERS PVT. LTD.
Activities	Land Survey, Drafting, Quantity Calculations etc.
Constitution	Pvt. Ltd. Company
Name of Director	Datta Chaudhari
Year of Foundation	2011
Registered Office	Ghanshyam Complex B Wing, Shop No 301, 3rd Floor M.G. Road, Dombivali West 421202

GST No: 27AAICE3561H1ZK

Mobile:

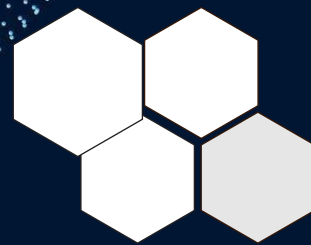
+91 9967065103 , 9545305387

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Bank Name : Axis Bank
A/c No. 924020034112761
IFSC Code: UTIB0000125
Branch: Dombivali (W)

OUR TEAM



Sr No.	Name	Designation
1.	Roshani Ramesh Kadam	Gis Engineer
2.	Bhagwan payad	Draftsman
3.	Subramaniam Muralidhar	Sr. Manager
4.	Raziya	Accounts
5.	Azam Khan	Sr. Surveyor
6.	Rohit Gangurde	Sr. Surveyor
7.	Kuldeep Pawar	Sr. Surveyor
8.	Aman	Sr. Surveyor



ONGOING PROJECTS :



Sr No.	Client Name	Work
1.	Atlantaa Limited	Carrying out Topographical Detailed Plot Survey
2.	Adani Group of Companies	Tree Survey
3.	Godrej Properties Ltd.	Topographical detailed Survey
4.	Arihant Group of Companies	Topographical Detailed Survey since 2016
5.	Amber Group	Internal Survey with Architectural Drawing.
6.	Organic Systems	Contour Survey
7.	Unique UHPC	Static Survey and Closed Traverse Survey for Tunnel Work.
8.	Eticon (KDMC)	Drone / Lidar Survey (Durgadi Dumping Ground, Kalyan)
9.	S.S.Muchandi	Dam & Pipe Line Survey
10.	DGS Group of Companies	Building Layout and Pile Work.



COMPLETED PROJECTS :



Sr No.	Client Name	Work
1.	Godrej Properties	Ritu Thane, Igatpuri
2.	Choice Construction	Jal Jivan Mission, Maharashtra
3.	Make Infracon	Road Survey Jalgaon
4.	Arnav Enterprises	
5.	S.Y. Enterprises	Unground alignment survey.
6.	Aadaya Developers	Detailed Plot Survey at Malabar Hills, Bandra, Pune
7.	Shubham Electricals	High tension tower power line.
8.	GSSG Nirman Pvt Ltd	Detailed Contour and Proposed Demarcation Survey
9.	Aryan Agro Industries	Matheran City Detailed Survey.
10.	Shayadri Construction	Belapur pumping station survey



OUR CLIENT :



Sr No.	Few of Valued Clients
1.	Adani Group of Companies
2.	Atlantaa Limited
3.	Godrej Properties Ltd.
4.	Keya Parekh Architects
5.	Amber Group
6.	Organic Systems
7.	Unique UHPC
8.	S.S. Muchandi
9.	Magiccrete Business
10.	DGS Group of Companies
11.	Vihang Group of Companies
12.	Maanicare Systems Pvt Ltd.
13.	Siddeshwar Lifespace Pvt Ltd.
14.	Dev Engineering
15.	DUVILLE ESTATES PRIVATE LIMITED
16.	EVERCREST PROJECTS PVT LTD.
17.	Eticon
18.	Zee Enterprises
19.	Sai Prince Engineering



OUR EQUIPMENTS :



Sr No.	Equipments	Nos
1.	Electronic Total Station	15 Nos
2.	Auto Level	05 Nos
3.	Drone	02 Nos
4.	Travers	02 Nos
6.	Highend Computer with Auto CAD	04 Nos
7.	Laptop	04 Nos
8.	Plotter A-0 Size1	01 Nos
9.	DGPS Instrument	03 Nos
10.	Measurement Distometer	04 Nos
11.	Bathymetric Eco Sounder	01 Nos



SURVEY WORKS PHOTO



SURVEY WORKS PHOTO





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