
SLVS
DESIGN CONSULTANTS LLP
ARCHITECTURE | INFRASTRUCTURE | MEP | LANDSCAPE

-01-

ABOUT US

-02-

WHAT WE DO

-03-

OUR EXPERIENCE

-04-

OUR WORK

ABOUT US

ABOUT US

Mercury is the closest planet to the Sun and the smallest one in the Solar System—it's a bit larger than the Moon. The planet's name has nothing to do with the liquid metal, since it was named after a Roman god

Venus has a beautiful name and is the second planet from the Sun. It's terribly hot—even hotter than Mercury—and its atmosphere is extremely poisonous. It's the second-brightest natural object in the night sky after the Moon

ABOUT US

SLVS India is a multi-faceted Consultant firm specializing in Architecture, Civil infrastructure, MEP, Landscape and Project management.

At SLVS, we specialize in Architecture, Civil infrastructure, MEP & Landscape as well as in Hydrology and Hydraulics. We have had most of the leading real-estate companies in Bangalore as our clients and continue to work with them in ongoing projects. Enclosed herewith is a brief introduction about our specialities and the scope of work we undertake. We look forward to a fruitful interaction with you.

SLVS provides services in Architecture, Landscape architecture, Infrastructure, Land Development, Transportation Facility Planning & Design, Highway, Pavement, Water management, water resources, Electrical, HAVC & Fire fighting, Hydrology & Hydraulics, Program & Project Management, GIS, CADD, and Software Engineering & Development. Our success and growth are a reflection of our dedication to providing quality and timely solutions.

Our Architectural team has more than 20 years of international and Indian experiences in a diversified range of projects. SLVS has a diverse portfolio spanning Master Planning, Building Planning & Design, Civil infrastructure, MEP & Landscape Design Services for a wide range of typologies including Residential, Commercial, Institutional, IT Campuses, Hospitality, Healthcare, Retail and Industrial amongst others.
The Company adopts a multi-disciplinary and participatory approach involving a host of professionals and stakeholders in the design process. Our work processes grow its roots from a cohesive international corporate culture that fosters collaboration

ABOUT US

So, what then sets SLVS apart? For starters, Mr. Loganathan (B.E. (Civil), Managing Director of SLVS, has spent over 20 years in India & Middle-east working with varies companies. He has relevant experience in infrastructure, MEP design, waste water and water resources engineering field with expertise in roads, H&H modelling, developing sanitary and stormwater master plans network & flood mitigation, best management practices, surface water network & quality, stormwater management, modelling green infrastructures and developing watershed management plans. He tries to bring various elements of projects executed there and breathe life into every project we design here. Apart from the scope, which has been elaborated below, we do three things differently.

Arun Hari BE Civil with 18 years of exhaustive experience in Landscape & Architecture in Middle East & India heading the Landscape Team. During these career he has been involved in several prestigious projects which includes IT Campus, IT Parks, Mixed use developments, Commercial and Retail, Industrial, Residential, Hospitality, Healthcare, Educational & Corporate Office Landscapes also various Plotted development and township Projects. Under his leadership Team of around 15 professionals (Including Architects, engineers, 3D team and project coordinators) strengthening the team.

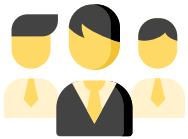
ABOUT ME

We value engineer every aspect of infrastructure design & MEP, ensuring that the systems are completely optimized using state of the art software tools. To elaborate, for storm water system design we use a program called Hou Storm that helps us determine the sizing of the system, the spacing of the inlets and the overall retentive capacity of the network, thereby resulting in a cost savings of over 40% from a traditional drainage system. We also do a complete water balance to ensure a "zero discharge" regime from the community, thereby accurately calculating the storage reservoir capacities, which could be in the form of storage tanks (Sobha Lifestyle, Capacity 15,000 CuM), lakes (Sobha City, Thrissur, 24,000 CuM), reservoirs or channels (Orchid Nirvana). We also model all channels for hydraulic characteristics using HEC-RAS (US Army Corps of Engineers software).

Today's projects require a different thinking and approach to construction due to their scale. Achieving the desired schedules and oftentimes accelerating them, ensures significant savings. We have adopted various methodologies and technologies and adapted them to Indian conditions. Prefabricated chambers for sanitary, precast inlets for storm water collection, Astral foam core pipe for easy installation, the appropriate liners for channels and reservoirs etc. are a few examples. Our plans are also engineered using Civil 3D, thereby ensuring "zero" field engineering and minimal conflicts since we spot them before the contractor does. Plan and profiles of every road and utility, as done in the India, is what we use to ensure a complete set of plans and minimal disruptions and delays at site.

An international look and feel are what we strive for. We use the best practices from across the world to ensure your project is future proofed yet comes in way under budget. We optimize all networks, design all roads for ease of movement, ensure that it is pedestrian friendly with especially abled ramps, it is sustainable and saves significantly in terms of water and energy usage. In short, the project is engineered to near perfection and easy translation onto the site by the Contractor.

VALUES



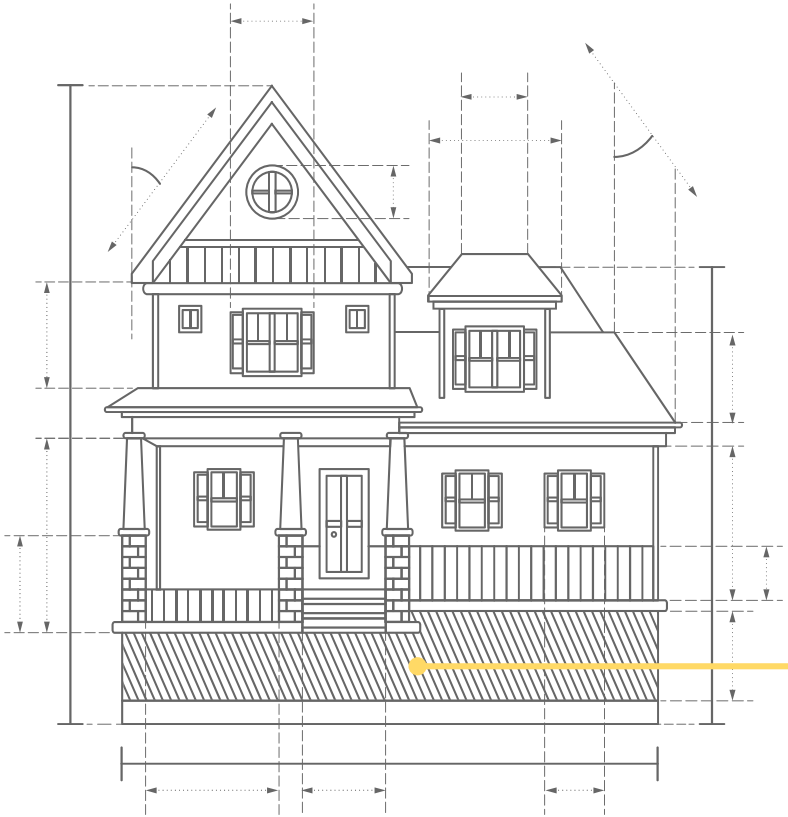
VISION

To be the most trusted partner to our customers by delivering innovative and creative solutions and services consistently by collaborating the right skills and knowledge yielding the best result.

MISSION

We strive to serve the customers by offering the simple and innovative, yet value engineering & cost-effective solutions with utmost commitment.

WHAT WE DO

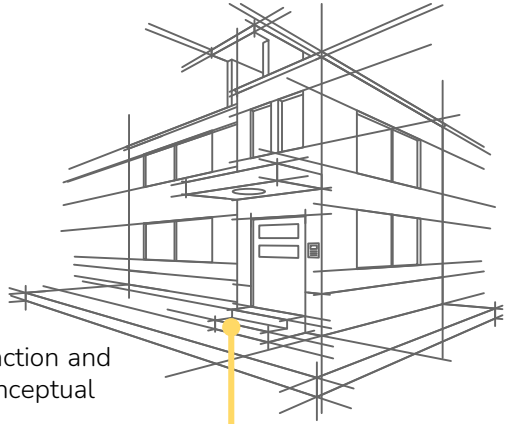


WHAT I DO

Architecture – Master Planning, Building Planning & Design

At SLVS we give our clients the following set of confidences, executed by real professionals who have immense experience across projects and geographies.
Our general architectural scope will include to provide services in respect of the following works. Architecture: Taking Client's/interior instructions and preparation of design brief. Design and site development. Coordinating with Structural design of RCC Structures. Providing basic details and requirements brief to the engineers for Sanitary, plumbing, drainage, water supply and sewerage design & Electrical, electronic, communication systems and design coordination. Fire detection, Fire protection and Security systems coordination etc. Periodic inspection and evaluation of Construction works. Coordinating Landscaping of open spaces & Terraces.

Architecture – Master Planning, Building Planning & Design



Conceptual Design

Furnish a site evaluation and analysis report with basic approach to circulation, activity, distribution, interaction and external linkages.2.2 Analyse schedule of spaces in relation to activities and site potential.2.3 Prepare conceptual designs with reference to equipments and prepare rough estimate of cost on area basis

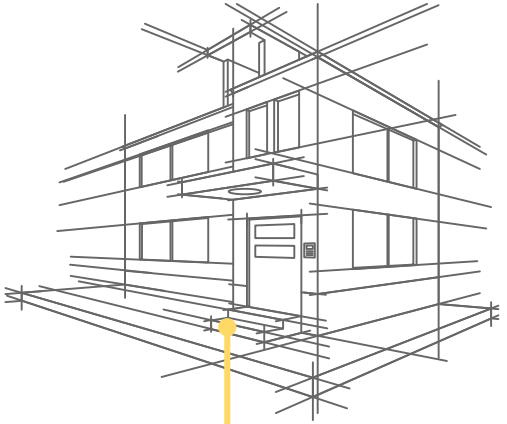
Schematic Design Phase:

Modify the conceptual designs incorporating required changes; prepare the preliminary drawings, interior views and schedule of finishes for the client's approval along with the preliminary estimate of cost on area basis. Prepare drawings necessary for Clients/ statutory approvals and ensure compliance with codes, standards and legislations, as applicable and assist the Client in obtaining the statutory approvals thereof, if required.

Design Development Phase

Consult and liaise with Client, Structural engineer & MEP engineering and other consultants on aspects of their works affected by the architectural design. Coordinate in detail on all area sections profile sections Elevations and finishes. This stage involves preparation of finalized coordinated schematic drawing and final cost estimates to initiate the Good for construction drawings.

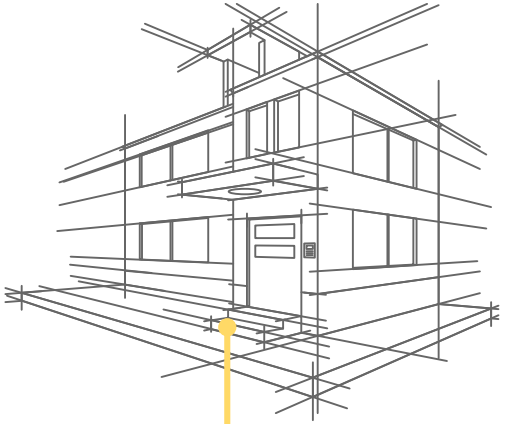
Architecture – Master Planning, Building Planning & Design



Working drawings & Tender Documents

Prepare working drawings, specifications and schedule of quantities sufficient to prepare estimate of cost and tender documents including code of practice covering aspects like mode of measurement, method of payments, quality control producers on materials and works and other condition of contract. Make sure the documents sufficient for the contractor to quote for the project. We also assist & advise Client on appointment of contractors.

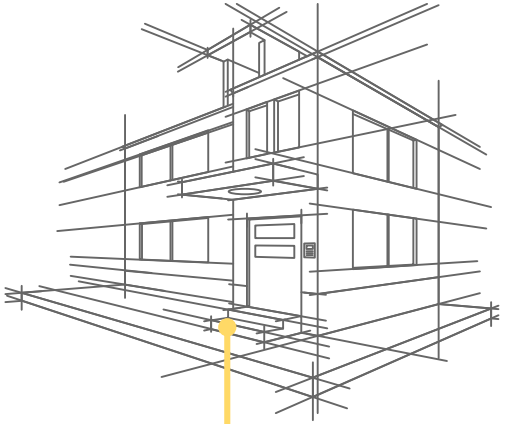
Architecture – Master Planning, Building Planning & Design



Construction phase:

Prepare and issue working drawings and details for proper execution of works during construction. Approve samples of various elements and components. Check and approve shop drawings submitted by the contractor/ vendors. Visit the site of work and fabrication workshop, at intervals mutually agreed upon, to inspect and evaluate the progress of works and where necessary clarify any decision, offer interpretation of the drawings/specification, attend conferences and meetings to ensure that the project proceeds generally in accordance with the conditions of contract and keep the Client informed and render advice on actions, if required. In order to ensure that the work at site proceeds in accordance with the contract documents/drawings and to exercise time and quality controls, the day-to-day supervision will be carried out by a Construction Manager (Clerk of Works/Site Supervisor or Construction Management Agency in case of a large and complex project) who shall work under the guidance and direction of the Architect and shall be appointed and paid by the Client. Issue Certificate of Virtual Completion of works.

Architecture – Master Planning, Building Planning & Design



Completion

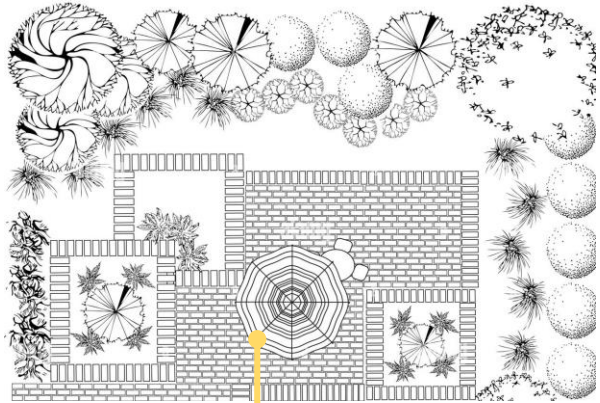
Prepare and submit completion reports and drawings for the project as required and assist the Client in obtaining "Completion/ Occupancy Certificate" from statutory authorities, wherever required. Issue two sets of as built drawings including services and structures

WHAT I DO

Landscape Architecture

At SLVS we give our clients the following set of confidences, executed by real professionals who have immense experience across projects and geographies

Landscape Architecture



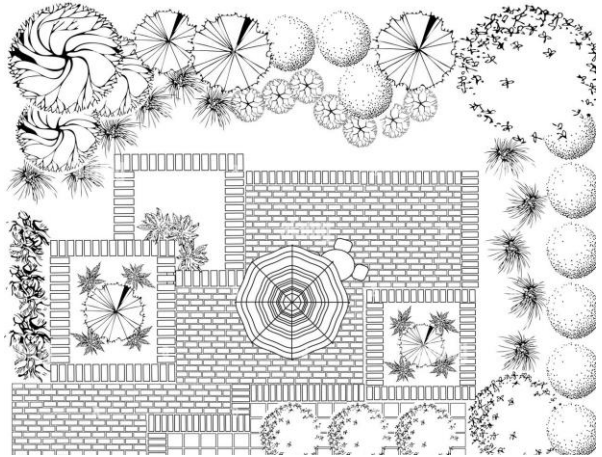
Conceptual Design

Site analysis, requirement analysis, architectural character analysis. Understand client & phases of development for ecological sustainability.

Schematic Design Phase:

To develop and establish a desirable "General Landscape Image and Character" for particular areas in this development. Analysing existing site conditions, environmental factors, natural features and requirements that will affect and influence the design and arrangement of landscape features to arrive at overall schematic design concept for the project, arrival court and fore court experience, water bodies and general peripheral landscape and feature details.

Landscape Architecture



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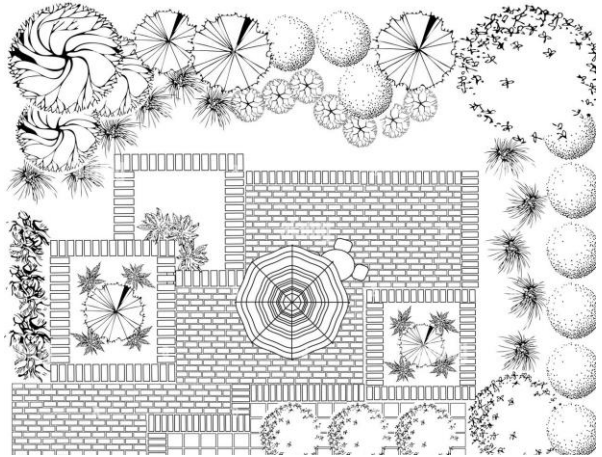
Design Development Phase:

Consult and liaise with Client, engineering and other consultants on aspects of their works affected by the landscape concepts, along with Co-ordination of exterior "Hardscape" design with that of project including general grading, plaza, water features, pedestrian walkways decorative elements_ exterior lighting and other fixed site furniture etc._ This stage involves preparation of finalized coordinated schematic drawing and final cost estimates to initiate the Good for construction drawings.

For MOEF clearance/IGBC certification, a separate consultant / agency will be appointed by us. The architect shall provide all support and assistance to any such Consultant / agency.

Landscape Architecture



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Tender Process:

Prepare documents sufficient for the contractor to quote for the project. We also assist in selecting and finalizing the contractor.

Landscape Architecture - Construction phase

Softscape

Site Co-Ordination

Hardscape

Supervision

Hardscape

Prepare complete Landscape plans at appropriate scale for the periphery etc. These will include;
Layout Plan

Dimension plan to accurately locate all elements and materials pertaining to hardscape features.

a.Grading plan to provide proposed level for all graded areas based on a survey of existing elevation, including utility, layout pattern and grade for all required subsurface drainage structures.

b.Planting plan to provide proposed types, species and location for all plant materials to be used. A plant list including quantities, size and varieties of all plant materials will appear on the plan.

c.Construction specifications complimenting working drawings to ensure proper supply and installation of landscape materials.

Softscape

Prepare complete landscape planting plan at appropriate scale. The plan will provide proposed types, species and location for all plant materials to be used. Preparation of BOQ's and specifications for tendering purpose.

Evaluate / observe on-going construction activity by attending regular scheduled progress meeting with the owner and/or his/her appointed agents. You will inspect and comment on the construction methods and final product but will not be responsible for the construction and actual execution, other than as mentioned above.

Supervision

Evaluate on-going construction activity by attending scheduled progress meetings with the client or his appointed agents. Assist QS/Cost Consultant in negotiations with vendors.

Site Co-Ordination

SLVS shall inspect and comment on the construction methods and final product executed by the contractor, but would not be responsible for the construction and actual execution.

Complete Civil Infrastructure

Based on the Client-approved and municipality-approved final site plans, the Engineer will design and prepare construction plans for the on-site roadway, paving, grading, drainage, MEP, Hydrology & hydraulics, water management & resources, water distribution system, wastewater collection system, traffic signage and pavement markings and erosion control (landscaped areas) for the proposed facility. The plans will meet the requirements of international standards keeping in perspective the requirements of the local municipalities and the relevant permitting agencies and codes. Preliminary & Detailed design will include:

Complete Civil Infrastructure

Traffic and Transportation

• Collate and review available information on the existing roads and planned improvements of roads within the site boundaries.

• Determine and confirm adequacy of proposed road widths depending on traffic analysis. Develop vehicular access, circulation strategy and parking strategy within the site boundary.

• In consultation with the architects provide recommendations for the road network layout (road widths, turning radii and manoeuvrability).

• In consultation with the architects develop the road hierarchy plans & typical sections, and the nature and form of internal junctions.

Complete Civil Infrastructure

Earthwork & Site Grading

- Receive and review topographic information for suitability to use in terrain modelling.
- Build 3D terrain model of the development based on the 3D topographic survey data.
- Perform Slope analysis to evaluate pre-development storm water runoff pattern. Identify site opportunities and constraints.
- Develop site grading plan showing existing & proposed contours.
- Grade entrances and exits, roads, parking and walking paths to maintain acceptable gradients including all outdoor amenities areas, landscaped areas.
- Assist in determining finished formation levels for parcels/clusters.
- Modify 3D terrain model to include new proposed levels in addition to existing ground levels.

Complete Civil Infrastructure

Roadway Engineering, Signing & Pavement Marking

Review topographic survey information to understand the levels and gradients of the site in relation to road layout.

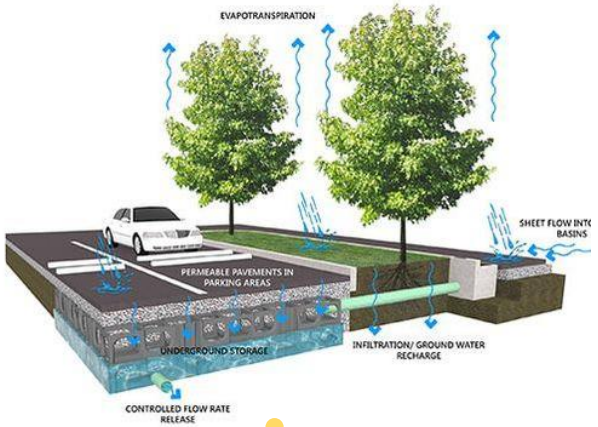
- Develop horizontal alignments of the required road corridors giving due regard to existing and proposed road levels.
- Design & develop vertical alignments to optimize cut and fill.
- Prepare junction designs and detailed road design plan & profile drawings and issue vertical & horizontal geometry stakeout report.
- Prepare signing and pavement marking plans.

Complete Civil Infrastructure

Pavement Design

- Determine a representative design load case (e.g. a standard axle).
- Workout the number of equivalent design loads during the design life of the pavement.
- Determine traffic load in terms of Million Standard Axles (MSA) in case of flexible pavement and Axle Load Distribution (ALD) in case of Rigid Pavement.
- Design flexible pavement base course, binder course & wearing course at desire vehicle damage factor (VDF), Lane Distribution Factor (LDF) & specified growth rate at field CBR values.

Complete Civil Infrastructure



Storm Water Management

- Review and assess existing drainage infrastructure based on available records.
- Collate available information on existing watercourses and their potential impact/ constraint on the proposed scheme.
- Prepare hydraulic model including pipe networks and open channel flow model to manage peak storm events and mitigate flooding risk.
- Integration with land use plan to allocate space for site-wide drainage corridors and setbacks.
- Develop Plan & Profile of storm drain network.
- Develop rainwater harvesting plan indicating potential rainwater harvesting techniques that can be used on site.
- Provide design details of all structures required for storm water such as manholes, inlet structures, grates, gutters, drop structures, etc.

Complete Civil Infrastructure

Utilities including Water, Wastewater Network

- Determine the appropriate water distribution network after a water balance study, and create all the necessary drawings for laying out the water collection, filtration and distribution system.
- Design a comprehensive waste water collection system with both the network and treatment systems.
- Develop the Plan & Profile of sanitary network.
- EPANet designed water system to suit the specific needs of the community
- Source identification and delivery systems based on water balance study.
- Gravity Feed or Hydro-pneumatic systems designed for optimized delivery Pressure as per client preference

Calculate the capacity of STP, UG SUMP, OHT and WTP.

- Prepare appropriate utility coordination drawings with electrical and telecommunication ducting systems and resolve conflict.
- Preparation of tender documents based on the scheme approved, including drawings, specifications, estimates, bill of quantities etc., for tendering purposes.

Complete Civil Infrastructure

Electrical & Telecom services

• Study of project requirements and interactions with Architect/ Other consultants /Client to enable to make necessary calculations for arriving at appropriate systems & capacities.

• Preparation of tender documents based on the scheme approved, including drawings, specifications, estimates, bill of quantities etc., for tendering purposes.

• Release of Good for construction drawings to site.

• Approval of Contractor’s drawings, inspection of equipment, etc.

Complete Civil Infrastructure

Hydrology & Hydraulics

- SLVS will obtain relevant hydrological data and conduct a hydrological analysis of the watershed for the area and any influencing lakes and model the ultimate flows through the proposed channels.
- SLVS will then conduct a complete hydraulic analysis of the channels including a hydraulic sizing of the channels and determine the safe finished grade using state of the art tools and modelling software.
- SLVS will prepare a detailed report documenting the findings and determining the various hydraulic parameters to be used for final design.
- SLVS will prepare the alignment, plan and profile drawings, cross sectional drawings, details and BOQs of the channel including the introduction of various hydraulic appurtenances like silt traps, stilling basins (if required) and trash tracks.
- SLVS will determine the FFLs of your development based on drainage patterns within the property.
- SLVS will coordinate with the landscape team and infrastructure team to ensure that there is design synergy.
- SLVS will liaison with the various entities concerned and provide inputs to assist with approvals.

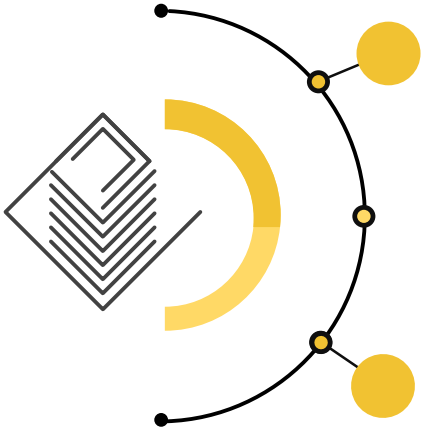
DESIGN RESENT PROJECTS

Infrastructure, MEP

KEY PROJECTS HANDLED:

- Maharaja – Orchid- 20 Acre
- V81 Infrastructure – Bettanahalli- 65 Acre
- Goyal & Co Orchid nirvana Hassan- 18 Acre
- Aero Form project Hyderabad-12 Acre
- NandavanamSrestha– Vizag– 45 Acre
- NandavanamPalm Marina – Vizag– 20 Acre
- Wonder Spaces -Dharwad – 12 Acre
- Silpa Emerald Garden Kadapa-45 Acre
- Equinox Juttanahalli- 05 Acre
- Assure Developer Vizag- 25 Acre
- Goyal & Co Haryana Group SKY CITY - 75 Acre
- Celebrity Prime layout Hyderabad – 08 Acre
- Ramanagaralayout Karnataka – 17 Acre
- SumaduraDevanahalli– 130 Acre
- ArashTownship Nelamangala– 08 Acre
- Windsor park Devanahalli– 10 Acre

DESIGN RESENT PROJECTS



MEP

- Guest House Somasila Nagar Kurnool
- Celebrity Prime Club house Bangalore
- Maharaja Windsor Park Bangalore

Landscape

- SCS Gardens Hotel & Convention Centre Hosur
- Assets 63 Degree East Varthur– 16.5 Acre
- Assets Marq Whitefield – 16.0 Acre

KEY PROJECTS HANDLED:

DESIGN RESENT PROJECTS

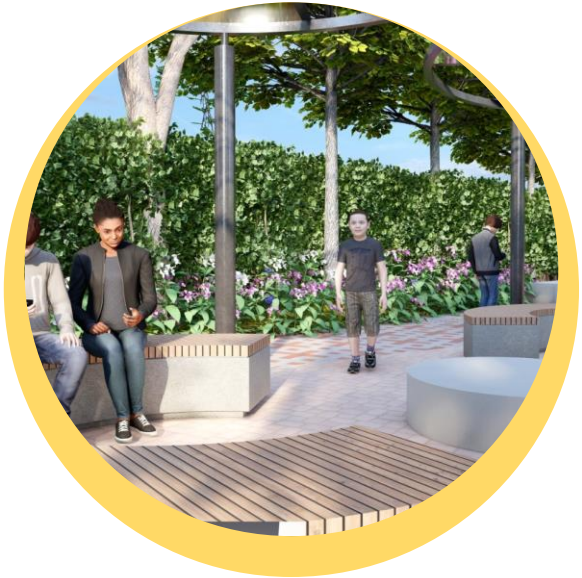
KEY PROJECTS HANDLED:

Infrastructure, MEP & Landscape

- Sammy's Beverly Hills-25 Acre
- Sammy's Palm Hills-35 Acre
- Sammy's Beverly Hills – 02- 9 Acre
- SLV –Hill View-12 Acre
- Maharaja – Chandna-6 Acre
- EGS – Eco Nirvana- 15 Acre
- Kotraiah's Enclave – 01 & 02 – 7 Acre
- Equinox Devanahalli- 150 Acre
- Equinox Devanahalli– 02 & 04 Acre
- EvanthaDevelopers Hassan – 33 Acre

Equinox Sunrise

KEY PROJECTS HANDLED:



Our clients

1. Sammy's Dream Land CO PVT LTD
2. Century Real Estate Holdings Pvt. Ltd
3. Legend Dukes
4. SLV Developers
5. Maharaja Developers Pvt. Ltd.
6. Equinox Global Shelters
7. Vaishnavi 81 Infrastructure LLP.
8. Goyal & Co
9. Evantha Developers Pvt. Ltd.
10. Kotraiah's Enclave
11. Silpa Infratech Pvt. Ltd.
12. Sri Venkateshwara Developers Pvt.Ltd.
13. Hall mark Builders
14. Karthik Agro Industries Pvt. Ltd.
15. Assure Developers LLP.
16. Celebrity prime Developers PVt. Ltd.
17. Sumadhura Infracon Pvt. Ltd.
18. Arsh Township India Pvt. Ltd.
19. Assetz property

At SLVS we understand that today's projects require a different thinking and approach to construction due to their scale, hence achieving the desired schedules and oftentimes accelerating them to ensure significant savings is what we assure you.

CONTACT

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