

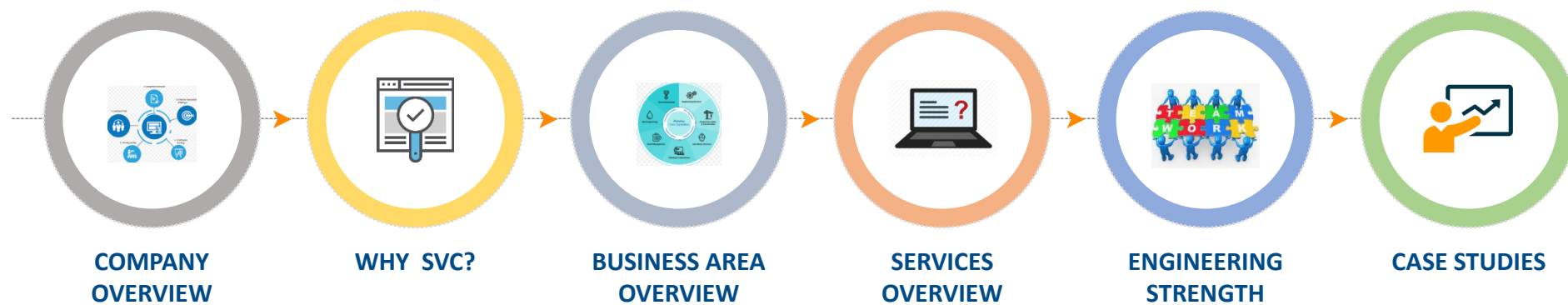


SV CONSULTANTS

Continually Enhancing Value
For Our **Global Customers...**



TABLE OF CONTENTS





- An initiative of SV Consultants Engineering Services
- Established in Year of 2007
- Established by an experienced group of experts from the different industry
- Highly Experienced and dedicated team of Architects/Engineers / Designers / 3D Modelers / professionals
- Today SVC has the skills to provide services in Architectural, Interior Design, Civil & Structural Design, Piping design, Electrical & Instrumentation design, Detailed engineering & 3D modeling to EPC Companies /contractors / fabrication industry for Both Green Field and Brown Field Projects.
- Project Management is one of the successful Services recently added and Services is growing large sectors like, Commercial, Industrial as well as Residential
- Proficient in the use of relevant Engineering codes ASME piping Codes (B31.3, B31.4, B31.8), ASME pressure vessel Codes (Section VIII, Div. 1, 2), and API 650, BIS, Euro, BS & ACI, AISC, ASCE
- Offices in Chennai & Coimbatore, Tamil Nadu.



Our greatest asset

SVC has always believed in its people. Each of our partners and associates are highly qualified in their respective areas of expertise and provide that unique touch of style in every project that we undertake.

PARTNERS

Suresh Chithaiyan, M.E (Structural), MIE, C.Eng.(I).,

Vijaykumar, M.E (Structural).,

ASSOCIATES

Anandhakumar, M.E (Mechanical) Ponkarthick, M.E (Structural)

Indirapriyadharsini, B.E (Civil) Dinesh, M.E (Structural)

Vijaybabu, B.E (Mechanical) Ezhilarsan, B.E (Mechanical)





Our Service Sector :

- **Manufacturing Industrial Plant**
- **Gas Processing Plants**
- **Power Plants**
- **Water Treatment Facilities**
- **Skid Mounted Systems**
- **Tank Farm Facility**
- **Residential Projects**
- **Commercial Projects**
- **High Rise Buildings**
- **Institutional Building**

NEED OF SVC Engineering Services

We are experienced and passionate group of project managers, engineers and designers. Every client we work with becomes a part of the team. Our strength is together we face the challenges and offer affordable solutions.



There is an increasingly unmet demand for qualified personnel to plan, design, and execute infrastructure assets with multi-disciplinary skills.

Our customers desire a trusted partner that can bring the right skills and talent to them at the right time and the right price.

It takes talented, experienced, and committed people to deliver successful projects



Petrochemicals

Water & Wastewater Treatment

Oil & Gas, Refineries

Power

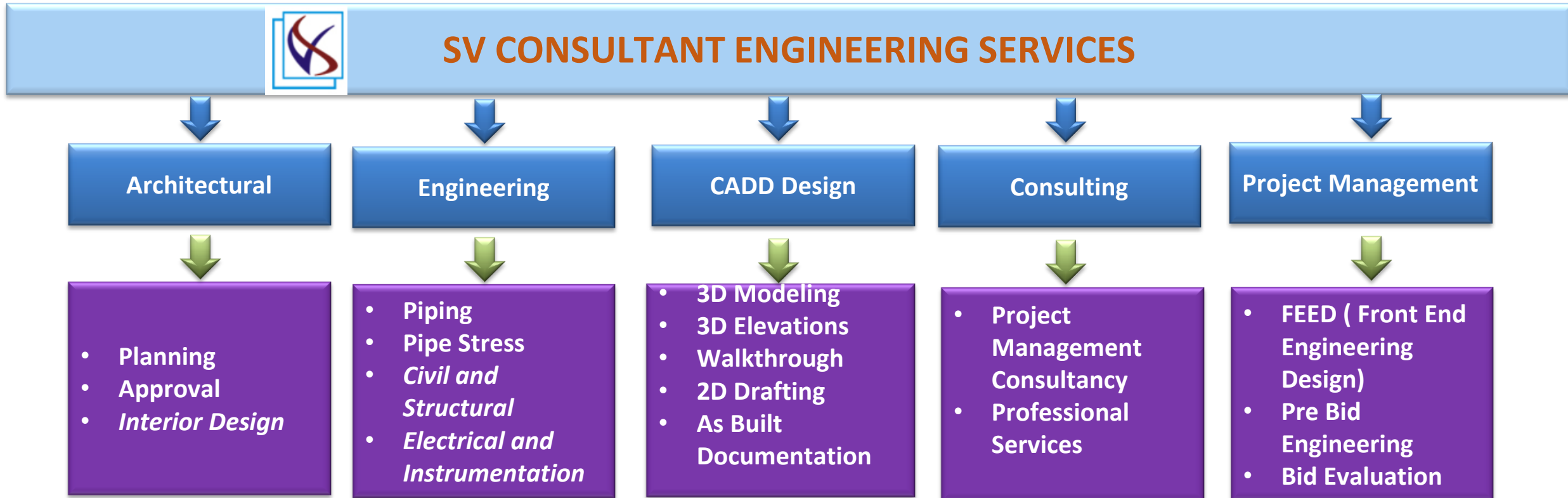
Automobile Manufacturing Industries

Paint, Glass, Warehouse Industries

Residential & Commercial Buildings

Institutional Buildings

Industries Served



Our Service Portfolio – Civil & Structural Design



Architectural

- ✓ Building Planning
- ✓ Elevations
- ✓ 3D Views
- ✓ Interior Layout & Details



Civil Design & Detailing

- ✓ Foundation Design
- ✓ Formwork/GA Drawings
- ✓ Reinforcement Drawings
- ✓ Equipment Foundation
- ✓ Foundation Layout



Structural Design & Detailing

- ✓ Steel Structure Design
- ✓ Detail Engineering
- ✓ Connection Design
- ✓ GA Drawings
- ✓ Fabrication Drawings
- ✓ Procurement Assistance
- ✓ Commissioning Assistance



Interior Design

- ✓ Interior Layout Design
- ✓ 3D Elevation Design
- ✓ 2D Working drawings



Project Management

- ✓ Tendering
- ✓ BOQ
- ✓ Design Basis Report
- ✓ Schedule and Planning



Plant Engineering

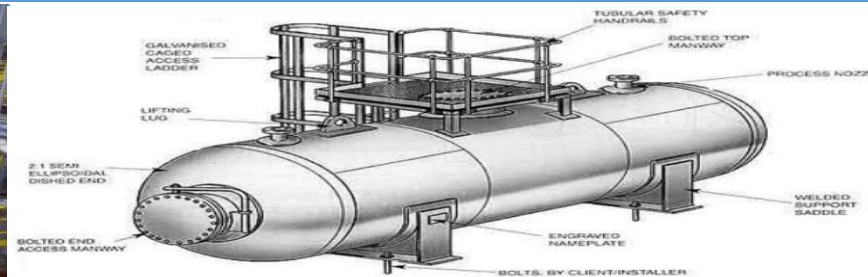
- ✓ Over all layout
- ✓ Layout Planning
- ✓ Storm Water Drains
- ✓ Road Layout

Our Service Portfolio – Mechanical & Piping Engineering



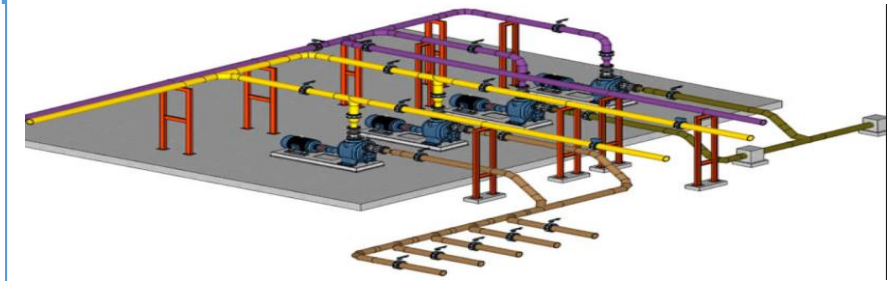
Piping Engineering

- ✓ Piping and Equipment layout
- ✓ 3D models of Equipment and piping
- ✓ Piping isometric Drgs and support
- ✓ Piping Stress & flexibility analysis
- ✓ MTO: Pipes, Fittings & Valves



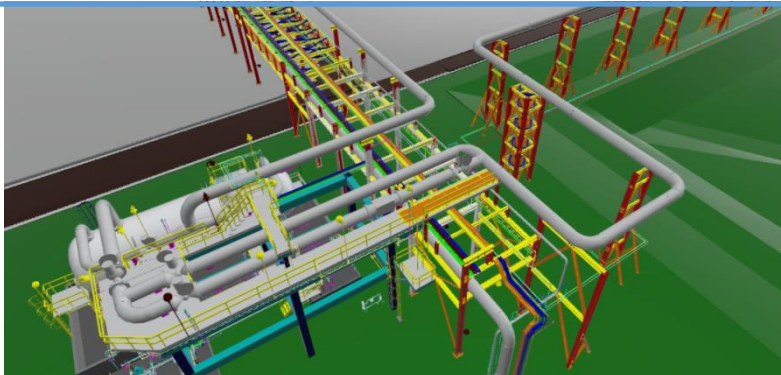
Mechanical Engineering

- ✓ Preparation of mechanical data sheet
- ✓ Preparation of equipment Spec
- ✓ Mechanical design and Failure Analysis
- ✓ GA Drawings & Fabrication Drawings
- ✓ Procurement Assistance



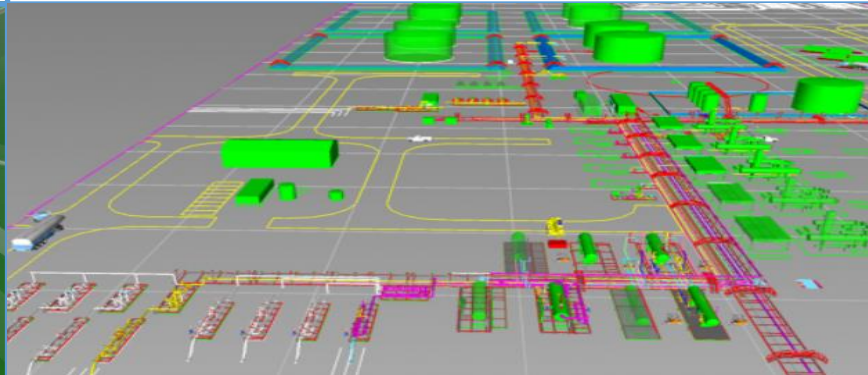
Process

- ✓ Optimum size of Equipment and piping
- ✓ Selection of cost and time effective model
- ✓ Slim and trim control system
- ✓ Ergonomically efficient and safe plant layout.



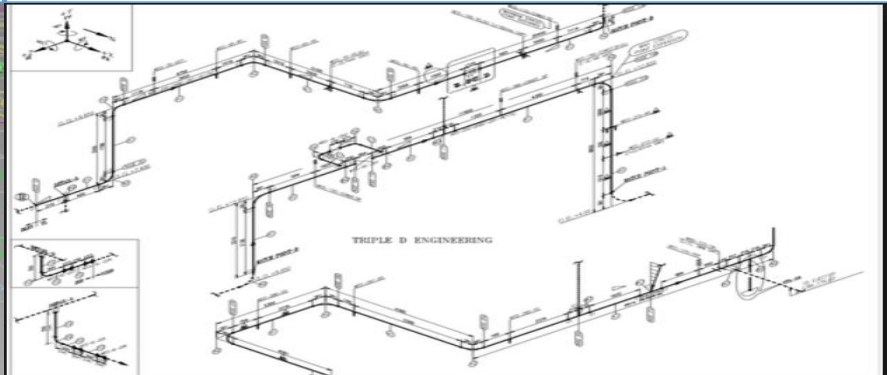
3D Modelling

- ✓ 3D Plant Modelling
- ✓ Checking of clash



Brown Field Engineering

- ✓ Tendering
- ✓ BOQ
- ✓ Design Basis Report
- ✓ Schedule and Planning



Isometric Drawings

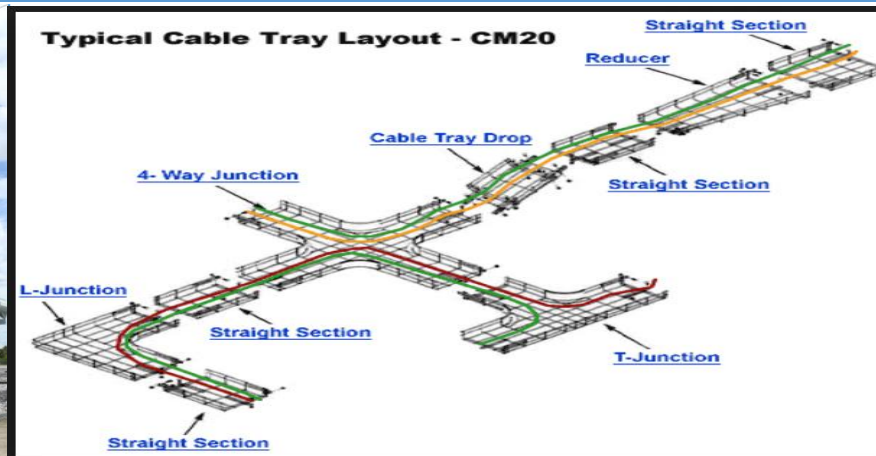
- ✓ Isometric As-built drawings
- ✓ Brown Field Modifications

Our Service Portfolio – Electrical & Instrumentation Engineering



Primary Engineering

- ✓ Preparation of SLD
- ✓ Equipment ratings & selection
- ✓ Preparation of Equipment Layout, sections and elevation drawings of Substation.
- ✓ Cable trench and Cable tray Layout .
- ✓ Earthing Calculations
- ✓ Equipment Earthing Layout
- ✓ Lightning Calculation.
- ✓ Lighting Calculation.
- ✓ AC / DC Calculations.
- ✓ Cable Sizing Calculations
- ✓ Outdoor and Indoor Lighting Layout .
- ✓ Cable Selection & Schedule



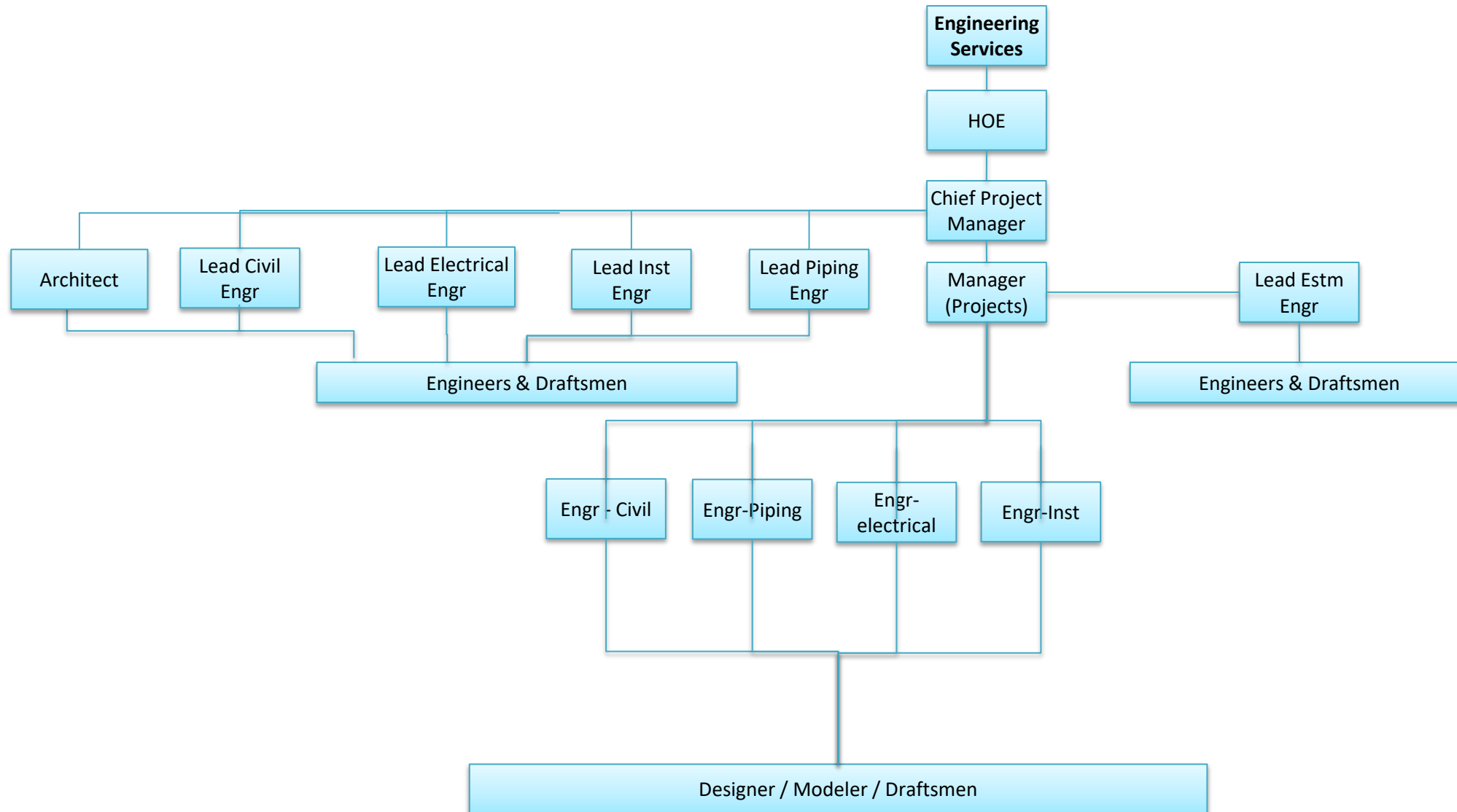
Secondary Engineering

- ✓ Design & Engineering of control and protection systems for HV (up to 400kV), MV and LV.
- ✓ Preparation of Base Design documents of Protection and Control Systems.
- ✓ Preparation of Interlocking and Protection Logic Diagrams
- ✓ Preparation / Review of Alarm and Relay Lists
- ✓ CT / VT adequacy Calculations
- ✓ AC / DC Load Calculations
- ✓ ACDB / DCDB Design
- ✓ Relay Setting Calculations
- ✓ Interface engineering between protection equipment with various switchgears, PLCC's, SCADA & SAS.
- ✓ Preparation of Cable schedule.



Sub Station Automation (SAS)

- ✓ Sub-Station Automation (SAS)
- ✓ Preparation of system Architecture
- ✓ Gateway / RTU selection
- ✓ Preparation of I/O signal list
- ✓ Integration of new bays with existing bays from any OEMs
- ✓ CAT & FO cable selections
- ✓ Performing FAT & SAT
- ✓ AMR (Automatic Meter Reading)

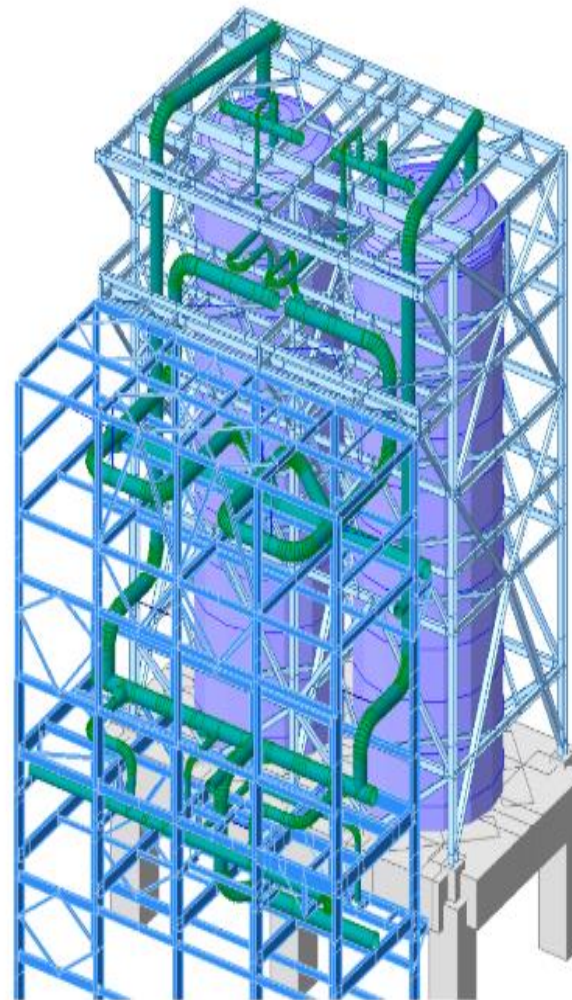


DETAILING

- ▲ AUTO CAD
- ▲ REVIT
- ▲ 3DS MAX
- ▲ MAYA
- ▲ TEKLA
- ▲ REBAR CAD
- ▲ MICRO STATION

ANALYSIS & DESIGN

STAAD PRO
STAAD FOUNDATION
MAT 3D
ETABS 15
SAP 2000
CAESAR II
Auto pipe
PDS / PDMS / Plant 3D / CADWORX



Analysis model combining structures, drums and piping.





BUILDING VALUE

CERTIFICATIONS

- ▲ CHARTED ENGINEER CERTIFICATION
- ▲ LICENSED BUILDING SURVEYOR CERTIFICATION
- ▲ CLASS -1 STRUCTURAL ENGINEER CERTIFICATION
- ▲ CDMA CERTIFIED STRUCTURAL ENGINEER
- ▲ DTCP CERTIFIED STRUCTURAL ENGINEER
- ▲ BUILDING VALUATION
- ▲ EXISTING BUILDING STRUCTURAL ASSESSEMENT

OUR MAJOR ONGOING PROJECTS



ONGOING
PROJECTS

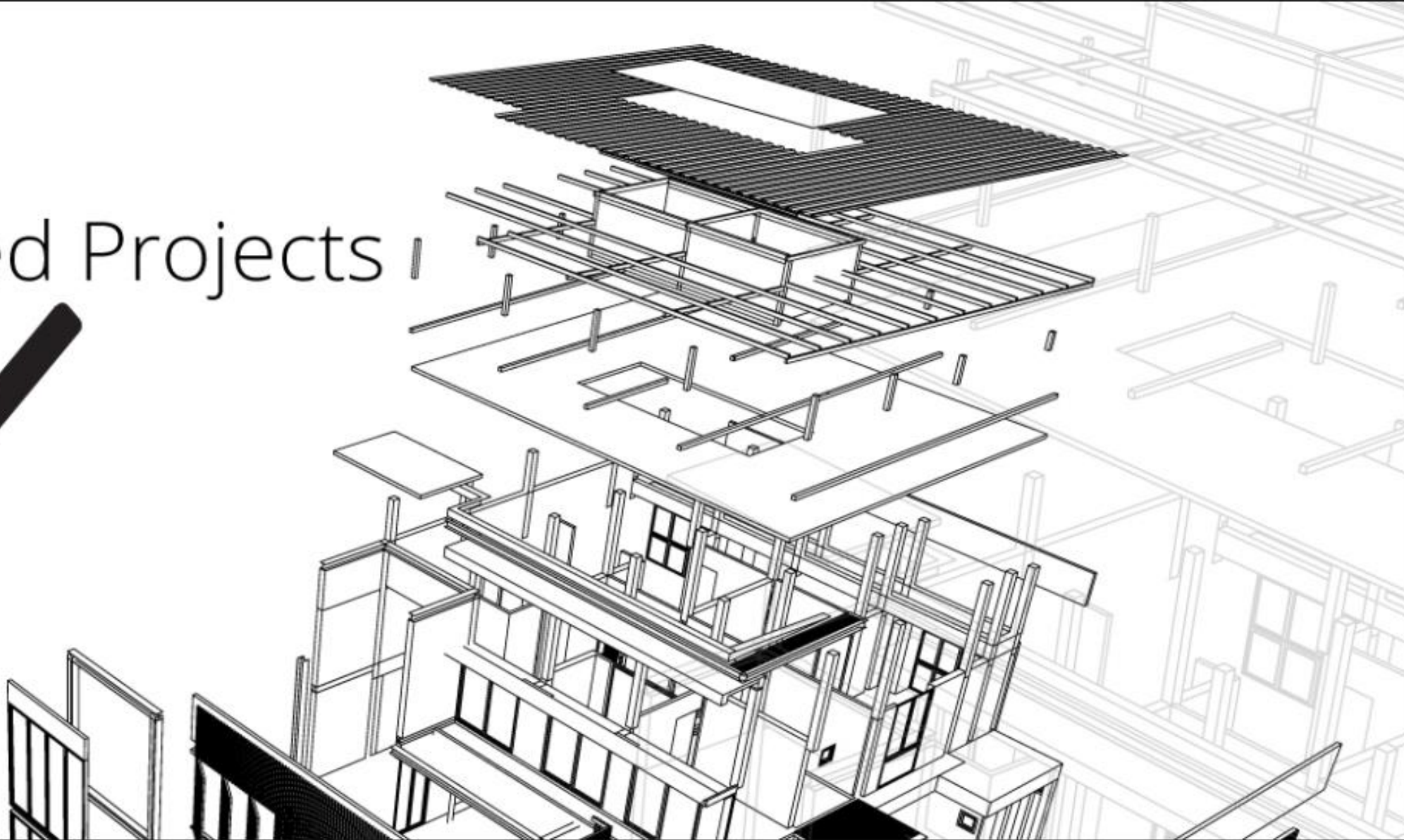
OUR ONGOING PROJECTS



SV CONSULTANTS

SVC ONGOING PROJECTS IN INDIA			
S.NO	Project Details	Direct Client	End Client
1	DESIGN AND DETAILING OF DYNAMIC MACHINE FOUNDATION AT WABTEC, BENGALURU	C.R.Narayana Rao (Consultants) Private Limited, Chennai.	M/s Wabtec
2	STTRUCTURAL DESIGN AND DETAIL ENGINEERING OF PROPOSED G+15 FLOOR MULTI STORIED RESIDENTIAL BUILDING AT CHENNAI	Ms. JAIN HOUSING & CONSTRUCTIONS LTD	Ms. JAIN HOUSING & CONSTRUCTIONS LTD
3	ASSESSMENT OF EXISTING INDUSTRIAL STRUCTURE FOR INSTALATION OF SOLAR PANEL AT CHENNAI	M/s Endurance Technologies Pvt Ltd	M/s Endurance Technologies Pvt Ltd
4	STRUCTURAL DESIGN OF COLERENT PLANT G+3 STEEL BUILDING AT SANDILLA	C.R.Narayana Rao (Consultants) Private Limited, Chennai.	M/S. BERGER PAINTS INDIA LTD.
5	STRUCTURAL CONSULTANCY SERVICE FOR PROPOSED WAREHOUSE AT CHENNAI	C.R.Narayana Rao (Consultants) Private Limited, Chennai.	M/s. AMAZON
6	CIVIL & STRUCTURAL ENGINEERING CONSULATANCY SERVICE FOR SCHOOL BUILDING AT KARAIKKAL	M/S ACHARIYA WORLD CLASS EDUCATION	M/S ACHARIYA WORLD CLASS EDUCATION
7	ARCHITECTURAL AND STRUCTURAL CONSULTANCY SERVICE FOR PROPOSED FACTORY BUILDING AT TIRUPUR, TAMILNADU, INDIA.	M/s. MONARCH METAL BUILDING SOLUTIONS	MR. MOORTHY, ERODE. SITE AT SIPCOT, PERUNDURAI. ERODE.
8	STRUCTURAL CONSULTANCY SERVICE FOR PROPOSED 2B+STILT+11 FLOORS RESITENTIAL APPARTMENT AT COIMBATORE, TAMILNADU, INDIA.	Ms. JAIN HOUSING & CONSTRUCTIONS LTD	Ms. JAIN HOUSING & CONSTRUCTIONS LTD

Completed Projects



OUR COMPLETED PROJECTS

S.NO	Project Details	Direct Client	End Client
1	DESIGN OF STORAGE RACKS USING BS EN 15512-2009	SILVER LINING Storage Solutions Mangal Industries Ltd.	M/S. CROWN WORLDWIDE MOVERS
2	PROPOSED FOOD FACTORY AT TRICHY , STRUCTURAL DESIGN AND DETAILING OF BOILER BUILDING	C.R.Narayana Rao (Consultants) Private Limited, Chennai.	M/s.ITC LTD.,
3	170 KLD EFFLUENT TREATMENT PLANT STRUCTURAL DESIGN AND DETAILING	ECO CARE ENGINEERING PVT LTD.	M/s. MITSUBA SICAL
4	RECYCLE RO TREATMENT PLANT -900 KLD TRUCTURAL DESIGN AND DETAILING	ECO CARE ENGINEERING PVT LTD.	M/s. HYUNDAI MOTOR INDIA
5	EFFLUENT TREATMENT PLANT STRUCTURAL DESIGN AND DETAILING	ECO CARE ENGINEERING PVT LTD.	M/S. CORTECO INDIA PVT LTD
6	EFFLUENT TREATMENT PLANT STRUCTURAL DESIGN AND DETAILING	ECO CARE ENGINEERING PVT LTD.	M/S. GARDENER

OUR COMPLETED PROJECTS

S.NO	Project Details	Direct Client	End Client
7	STRUCTURAL DESIGN AND DETAILING OF FOOT OVER BRIDGE WALKWAY	C.R.Narayana Rao (Consultants) Private Limited, Chennai.	M/S. WIPRO LTD.
8	STRUCTURAL CONSULTANCY SERVICE FOR PROPOSED STILT+5 FLOORS RESIDENTIAL APARTMENT AT RAYAPETTA, CHENNAI,TAMILNADU, INDIA.	M/s. GANESAN BUILDERS	M/s. GANESAN BUILDERS
9	ARCHITECTURAL, STRUCTURAL AND PROJECT MANAGEMENT CONSULTANCY SERVICE FOR PROPOSED FIBRE GLASS PLANT AT SIPCOT INDUSTRIAL PARK,THERVOY KANDIGAI, TAMILNADU, INDIA.	M/S.Harsha Exito Engineering (P) LTD, Chennai, India.	M/S.Harsha Exito Engineering (P) LTD, Chennai, India.
10	1500MT FABRICATION AND ERECTION DRAWINGS FOR PROPOSED AUTOMOBILE FACTORY AT ANANDHAPUR, ANDHARA PRADESH, INDIA.	M/S.Harsha Exito Engineering (P) LTD, Chennai, India.	M/S. NVH KOREA INDIA PLAN
11	500MT FABRICATION AND ERECTION DRAWINGS FOR PROPOSED AUTOMOBILE FACTORY AT ANANDHAPUR, ANDHARA PRADESH, INDIA.	M/S.Harsha Exito Engineering (P) LTD, Chennai, India.	M/S. KIA MOTORS
12	ENGINEERING CONSULTANCY SERVICE FOR PROPOSED ICF SHELL FACTORY, CHENNAI.	HYT Engineering Co.Pvt.Ltd.	M/S. ICF, CHENNAI

OUR COMPLETED PROJECTS

S.NO	Project Details	Direct Client	End Client
13	STRUCTURAL ENGINEERING CONSULTANCY PROPOSED SCARP YARD	M/S.Hyundai Motors India Ltd	M/S.Hyundai Motors India Ltd
14	PROPOSED AIR- CONDITIONED MULTIPURPOSE STADIUM (BASKET BALL,VOLLEYBALL,KABADDI, TABLE TENNIS, BADMINTON) AT CHENNAI	M/S. ICF, CHENNAI	M/S. ICF, CHENNAI
15	PROPOSED CANTEEN EXPANSION STEEL BUILDING WITH MEZZANINE	KAVI EPC Pvt. Ltd	M/S. SALCOMP, CHENNAI
16	PROPOSED EVAPORATOR EQUIPMENT SUPPORTING STRUCTURE AT STAHL INDIA KANCHEEPURAM	M/S. Stahl India Pvt Ltd.	M/S. Stahl India Pvt Ltd.
17	PROPOSED NEW FACTORY PLANT	M/S.ASIAN SEALING PVT LTD,PILLAIPAKKAM	M/S.ASIAN SEALING PVT LTD,PILLAIPAKKAM
18	PROPOSED FACTORY EXPANSION BUILDING	M/S.GRUPO ANTOLIN PUNE PVT LTD	M/S.GRUPO ANTOLIN PUNE PVT LTD

OUR COMPLETED PROJECTS

S.NO	Project Details	Direct Client	End Client
19	PROPOSED NEW FACTORY PLANT	M/S. ANTOLIN KASAI TEK CHENNAI PVT LTD	M/S. ANTOLIN KASAI TEK CHENNAI PVT LTD
20	PROPOSED NEW FACTORY PLANT	M/S.SHREE MOTHER PLAST INDIA PVT. LTD.	M/S.SHREE MOTHER PLAST INDIA PVT. LTD.
21	PROPOSED MANUFACTURING FACTORY	M/S.SUPREME TREVES PVT LTD	M/S.SUPREME TREVES PVT LTD
22	PROPOSED AUDITORIUM	C.R.Narayana Rao (Consultants) Private Limited, Chennai.	ADHI PARASAKTHI CULTURAL, MEDICAL & EDUCATIONAL TRUST - KALAVAI
23	PROPOSED STUDENT'S HOSTEL AT IMD COLONY,PUNE STILT+10 FLOORS	C.R.Narayana Rao (Consultants) Private Limited, Chennai.	INDIAN INSTITUTE OF TROPICAL METEOROLOGY , PUNE.
24	TOWNSHIP FOR DALMIA CEMENTS BHARAT LTD. BELGAUM	C.R.Narayana Rao (Consultants) Private Limited, Chennai.	DALMIA CEMENTS BHARATLTD.

OUR COMPLETED PROJECTS

S.NO	Project Details	Direct Client	End Client
25	DALMIA CEMENTS BHARAT LTD. ASSEMBLY SHOP STEEL STRUCTURAL DESIGN AND DETAILING	C.R.Narayana Rao (Consultants) Private Limited, Chennai.	M/s. HINDUSTAN AERONAUTICS LIMITED,
26	PROPOSED STAFF QUARTERS FOR JIPMER PUDUCHERRY (TYPE- I TO IV) G+6 FLOORS	C.R.Narayana Rao (Consultants) Private Limited, Chennai.	JAWAHARLAL INSTITUTE OF POST GRADUATE MEDICAL EDUCATION AND RESEARCH
27	MMC - MEDITATION CENTRE 45M WIDTH AND 10M HEIGHT RCC DOME STRUCTURE	C.R.Narayana Rao (Consultants) Private Limited, Chennai.	ADHI PARASAKTHI CULTURAL, MEDICAL & EDUCATIONAL TRUST - KALAVAI
28	PROPOSED ENGINEERING COLLEGE AT RAJAPALAYAM.	C.R.Narayana Rao (Consultants) Private Limited, Chennai.	RAMCO INSTITUTE OF TECHNOLOGY
29	JAINS ADWITIYA PROPOSED RESIDENTIAL BUILDING AT AMBATTUR. STILT+4 FLOORS	Ms. JAIN HOUSING & CONSTRUCTIONS LTD	Ms. JAIN HOUSING & CONSTRUCTIONS LTD
30	JAINS AVALON SPRINGS PROPOSED RESIDENTIAL BUILDING AT POTHERI. STILT+4 FLOORS	Ms. JAIN HOUSING & CONSTRUCTIONS LTD	Ms. JAIN HOUSING & CONSTRUCTIONS LTD
31	JAINS ALPINE MEADOWS "PROPOSED RESIDENTIAL BUILDING AT CHENNAI. STILT+4 FLOORS	Ms. JAIN HOUSING & CONSTRUCTIONS LTD	Ms. JAIN HOUSING & CONSTRUCTIONS LTD
32	CULTURAL BUILDING AUDITOURIM STEEL PEB BUILDING 60MX 115M SINGLE SPAN PEB BUILDING DESIGN AND DETAILING	MAHADEV PROFILES PVT. LTD.	M/S. NIT, TRICHY
33	MANUFACTURING UNIT STEEL PEB BUILDING DESIGN AND DETAILING	MAHADEV PROFILES PVT. LTD.	M/s. FLOKING PIPES LTD. (BUILDING-2)

OUR COMPLETED PROJECTS

S.NO	Project Details	Direct Client	End Client
34	VISITOR COMPLEX AT SDSC-SHAR : SPACEPORT OF INDIA , SRIHARIKOTA, ANDHRA PRADESH. INDIA	C.R.Narayana Rao (Consultants) Private Limited, Chennai.	GOVERNMENT OF INDIA, DEPARTMENT OF SPACE, SDSC-SHAR
35	PIPE RACK DESIGN AND DETAILING FOR PAINT PLANT AT JESURI, INDIA	C.R.Narayana Rao (Consultants) Private Limited, Chennai.	M/S. BERGER PAINTS INDIA LTD.
36	PROPOSED SUBSTATION , DATA CENTER, CONTROL ROOM, DG FOUNDATION AND CABLE SUPPORT DESIGN AND DETAILING & PROJECT MANAGEMENT CONSULTANCY	EA FACILITIES SERVICE PVT LTD, CHENNAI	M/s. ELECTRONIC CORPORATION OF TAMILNADU Ltd.,
37	REVAMPING OF EXISTING ETP TO BRIDGE THE GAPS AS PER THE STANDARDS OF TNPCB - 850KLD	ECO CARE ENGINEERING PVT LTD.	M/s. DIAMLER INDIA COMMERCIAL VEHICLES PVT. LTD
38	EFFLUENT TREATMENT PLANT STRUCTURAL DESIGN AND DETAILING	ECO CARE ENGINEERING PVT LTD.	M/s. STAHL INDIA PRIVATE LTD
39	EFFLUENT TREATMENT PLANT STRUCTURAL DESIGN AND DETAILING	ECO CARE ENGINEERING PVT LTD.	M/S TATA MEMORIAL HOSPITAL, VIZAG

OUR COMPLETED PROJECTS

S.NO	Project Details	Direct Client	End Client
40	STRUCTURAL & PROJECT MANAGEMENT CONSULTANCY FOR PROPOSED MAIN FACTORY EXPANSION, SHORT BLAST BUILDING & COMPRESSOR SHED	KAVI EPC Pvt. Ltd	Kobelco Construction Equipment India Pvt. Ltd
41	ARCHITECTURAL AND STRUCTURAL CONSULTANCY SERVICE FOR PROPOSED FACTORY BUILDING AT PERUNDURAI, TAMILNADU, INDIA.	M/s. MONARCH METAL BUILDING SOLUTIONS	MR. MOORTHY, ERODE. SITE AT SIPCOT, PERUNDURAI. ERODE.
42	ARCHITECTURAL AND STRUCTURAL CONSULTANCY SERVICE FOR PROPOSED FACTORY BUILDING AT TIRUPUR, TAMILNADU, INDIA.	M/s. MONARCH METAL BUILDING SOLUTIONS	MR. MOORTHY, ERODE. SITE AT SIPCOT, PERUNDURAI. ERODE.
43	STRUCTURAL CONSULTANCY SERVICE FOR PROPOSED 2B+STILT+11 FLOORS RESIDENTIAL APPARTMENT AT COIMBATORE, TAMILNADU, INDIA.	Ms. JAIN HOUSING & CONSTRUCTIONS LTD	Ms. JAIN HOUSING & CONSTRUCTIONS LTD
44	STRCTURAL DESIGN AND DETAILING OF 5 NOS OF SUBSTATION AT OMAN	M/S .SAMSUNG ENGINEERING	DUQM REFINERY AND PETROCHEMICAL INDUSTRIES COMPANY LLC

Our Clients

MRF CORP
VapocurePaints



HYUNDAI
MOBIS

ELCOT



enventure



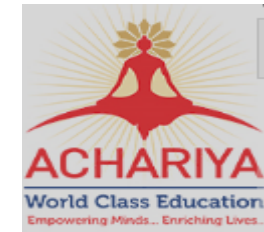
Salcomp
POWERING THE MOBILE WORLD



Our Clients

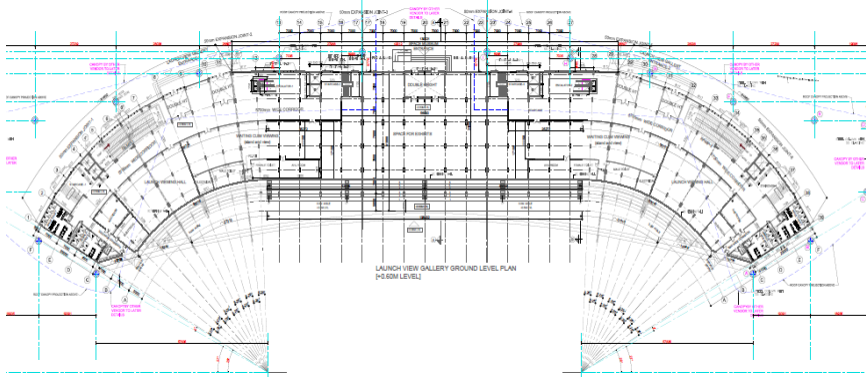


DAIMLER



REFERENCE PROJECTS

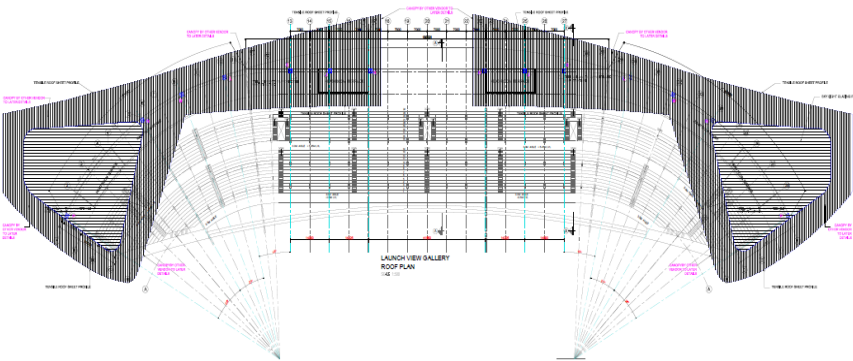
PROJECT : ISRO LAUNCH VIEW GALLERY-PRE-CAST CONCRETE STRUCTURE



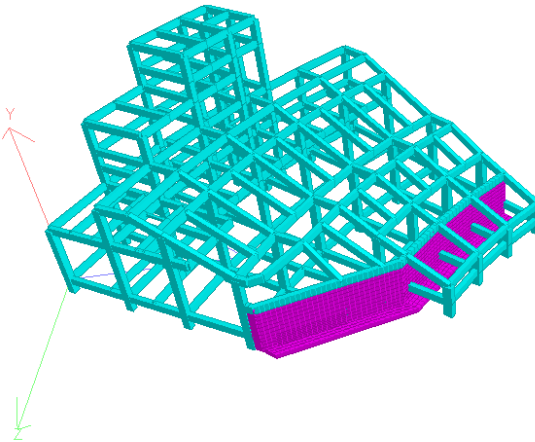
Scope:

- ✓ Structural Analysis and Design
- ✓ Detail Structural drawings
- ✓ MTO Preparations
- ✓ Connection Details
- ✓ Calculation Report

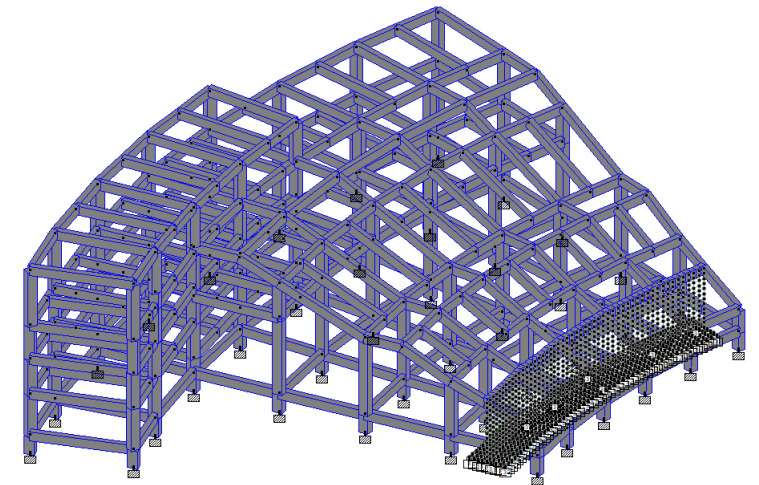
Over all Plan of Launch View Gallery



Roof Structure Steel



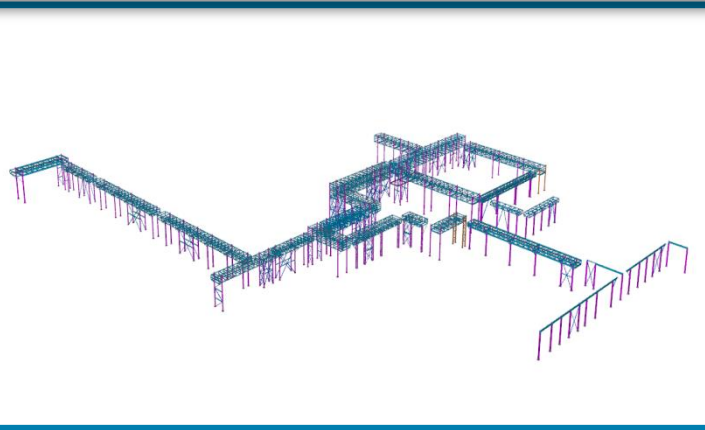
Analysis Model



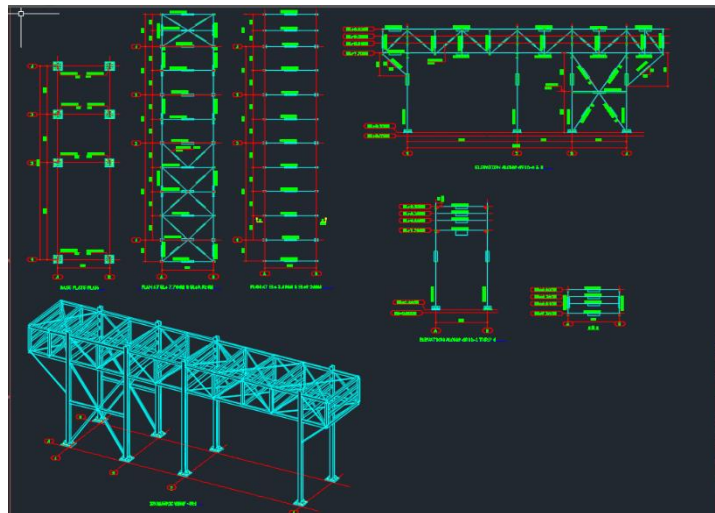
PROJECT : PAINT PLANT PROCESS PIPE RACK DETAILED ENGINEERING

Scope:

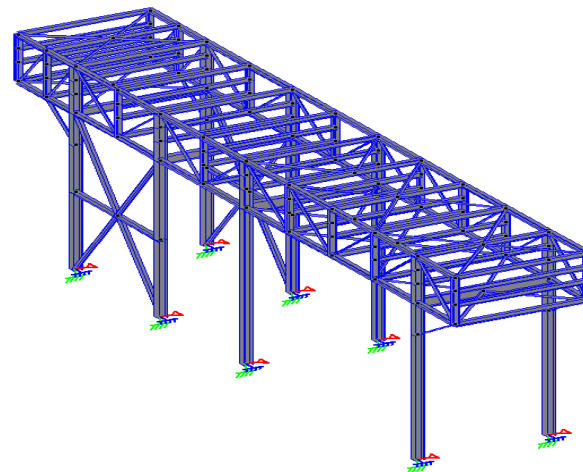
- ✓ Structural Analysis and Design
- ✓ Tekla Modelling
- ✓ MTO Preparations
- ✓ Connection Design Calculations
- ✓ Preparation of General Arrangement Drawings
- ✓ Calculation Report



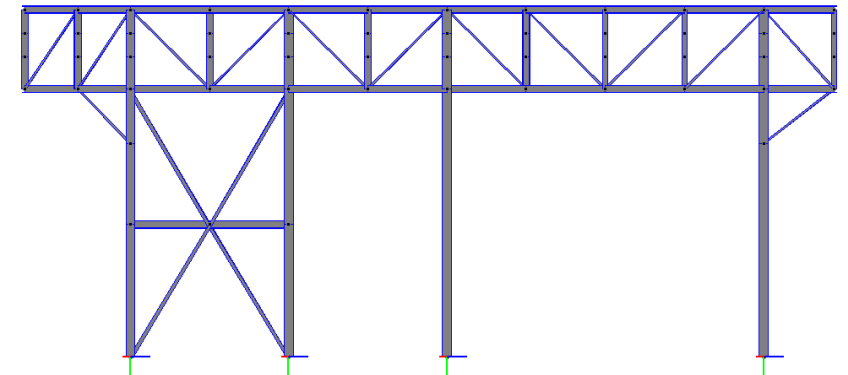
Over all Plant Pipe Rack 3D View



Detail drawings for Typical Pipe Rack



Analysis Model



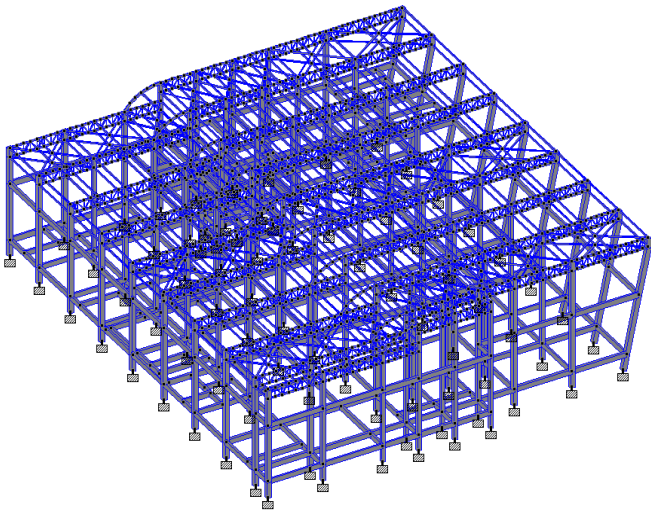


REFERENCE PROJECTS

PROJECT : Shopping Plaza & Toll Plaza DETAILED ENGINEERING

Scope:

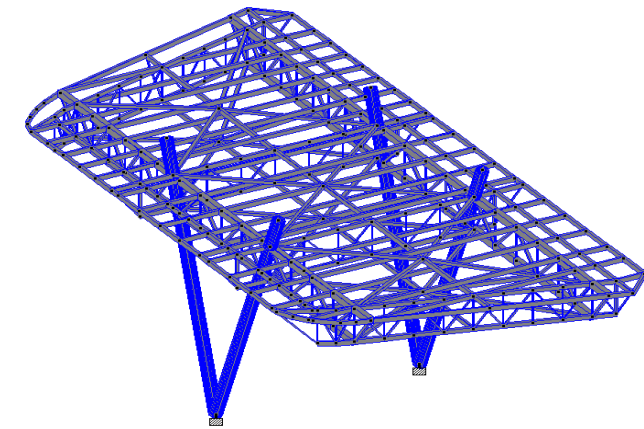
- ✓ Structural Analysis and Design
- ✓ Foundation Design
- ✓ MTO Preparations
- ✓ Roof Truss Design
- ✓ Preparation of General Arrangement Drawings
- ✓ Calculation Report



Analysis 3D Model

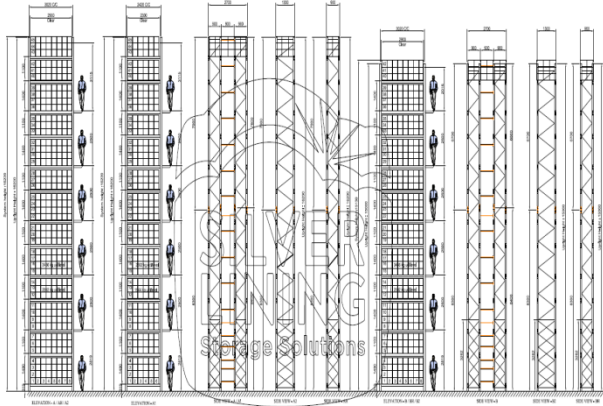


TOLL Plaza 3D View

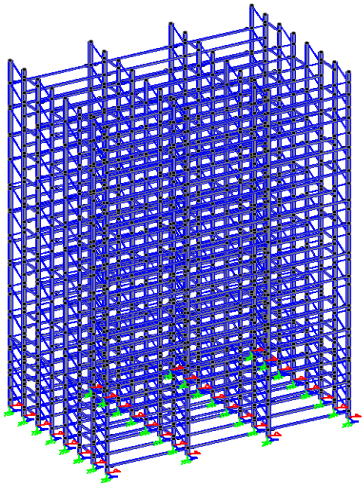


Analysis 3D Model

PROJECT : Storage Rack at Warehouse Facilities



Storage Rack

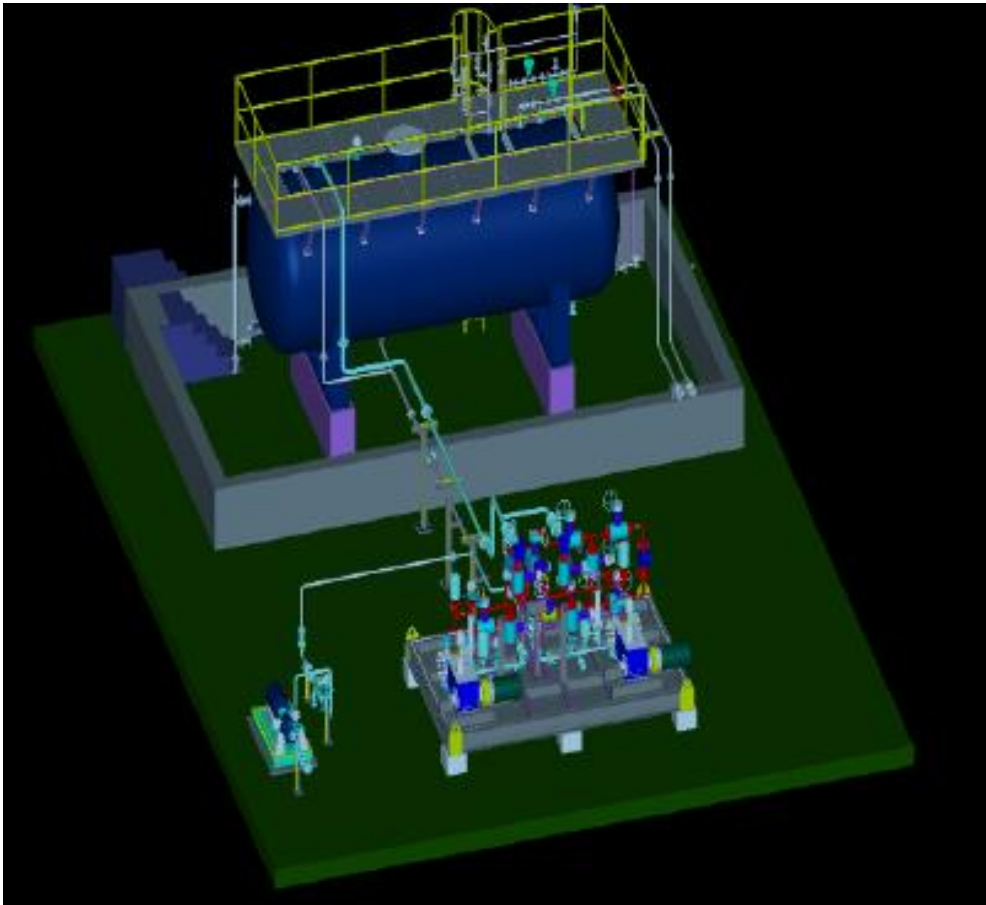


Analysis 3D Model

Scope:

- ✓ Structural Analysis and Design
- ✓ Seismic Analysis
- ✓ Chartered Engineer Certification for Stability
- ✓ IITM (Indian Institute of Technology, Madras) Approval
- ✓ Calculation Report

PROJECT : Methanol injection skid

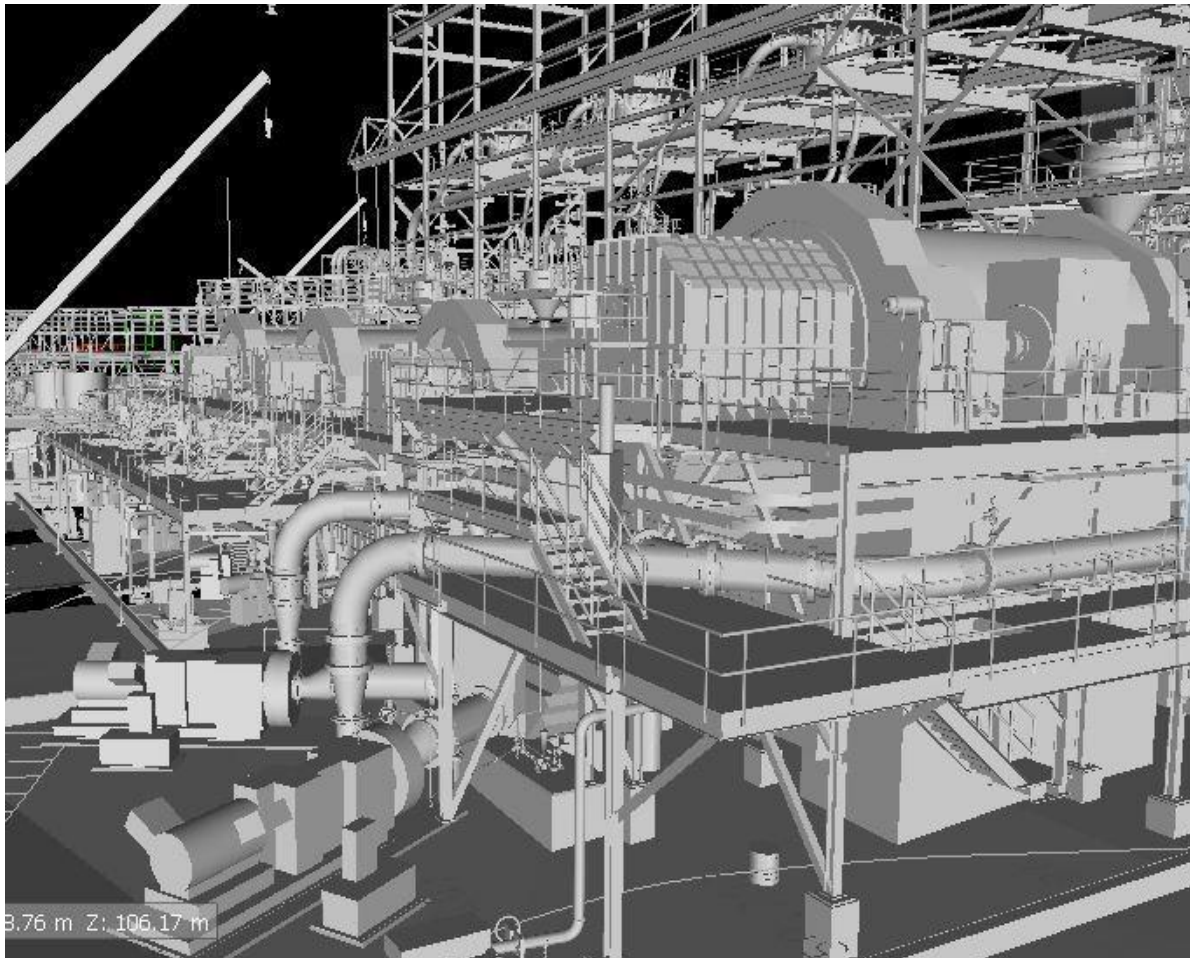


Methanol Injection Skid

Scope:

- ✓ Equipment Modelling
- ✓ Piping Route Modelling
- ✓ Pipe Stress Analysis
- ✓ Detailed Engineering Drawings

PROJECT : Mining projects

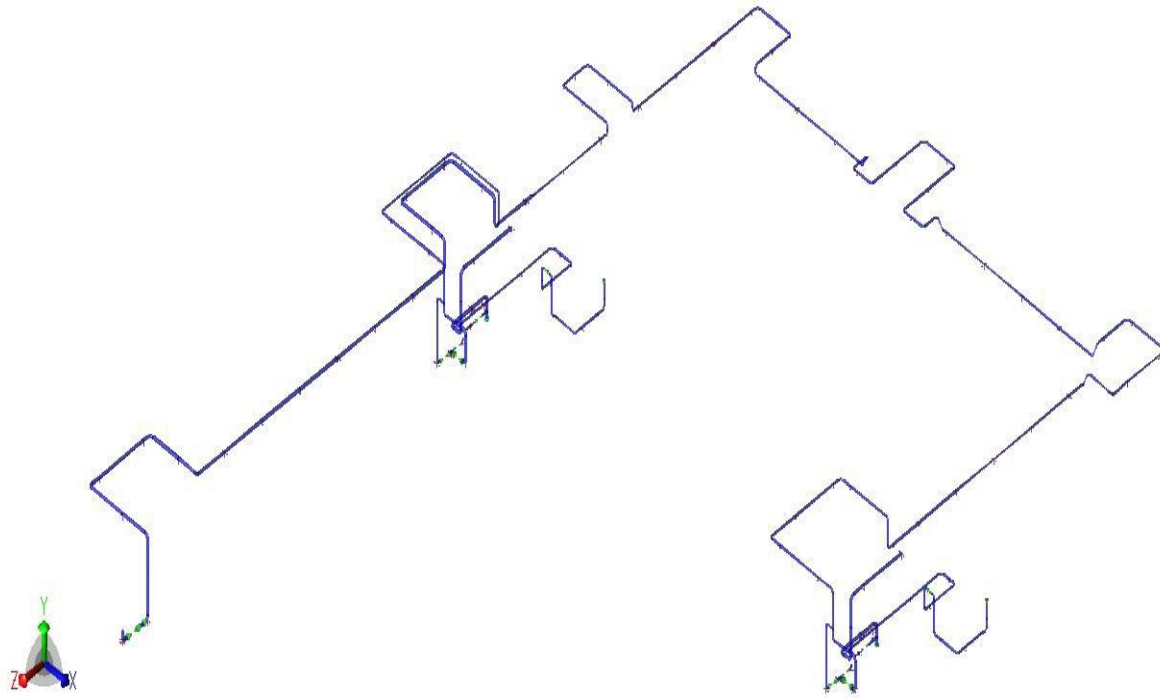


Equipment Support

Scope:

- ✓ Equipment Modelling
- ✓ Piping Route Modelling
- ✓ Pipe Stress Analysis
- ✓ Detailed Engineering Drawings

PROJECT : 12 MW Steam Turbo Generator



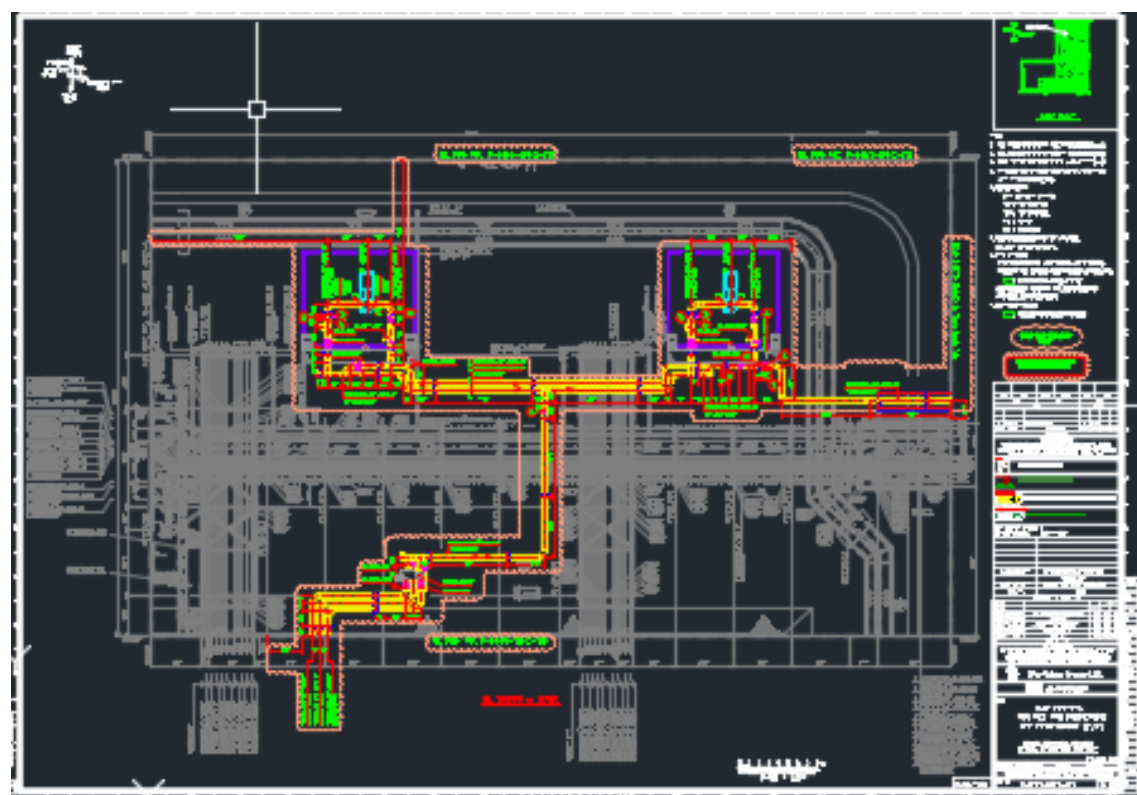
Scope:

- ✓ Pipe stress analysis
- ✓ Spring hanger specification for the Main Steam lines
- ✓ Piping Route Modelling
- ✓ Detailed Engineering Drawings

Pipe Line Stress Analysis

REFERENCE PROJECTS

PROJECT : Muscat Sohar Products Pipeline

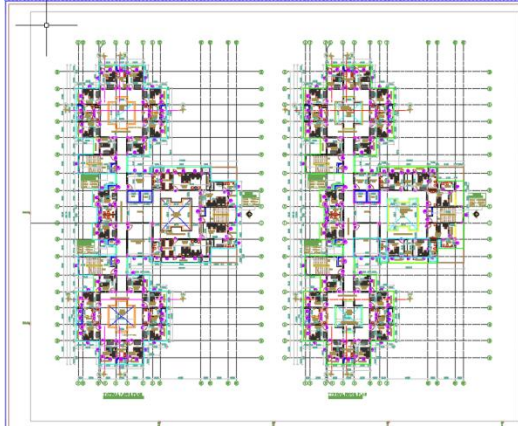


Pipe Line Stress Analysis

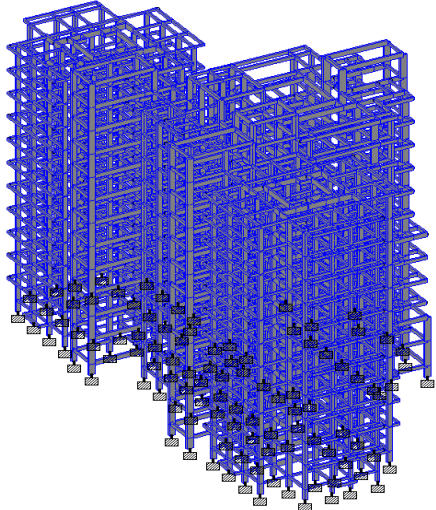
Scope:

- ✓ Pipe stress analysis
- ✓ Spring hanger specification for the Main Steam lines
- ✓ Piping Route Modelling
- ✓ Detailed Engineering Drawings

PROJECT : Proposed Student Hostel at INDIAN INSTITUTE OF TROPICAL METEOROLOGY , PUNE.



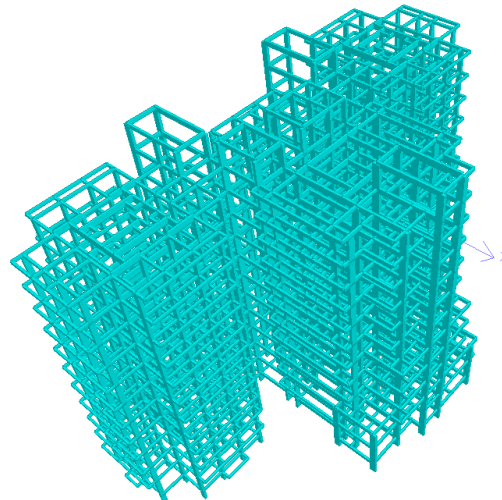
Floor Plan G+12 Floors



Analysis 3D Model

Scope:

- ✓ Ground + 15 Floors RCC building
- ✓ Structural Analysis and Design
- ✓ Pile Foundation Design
- ✓ MTO Preparations
- ✓ RCC Layout Plan and reinforcement drawings
- ✓ Calculation Report

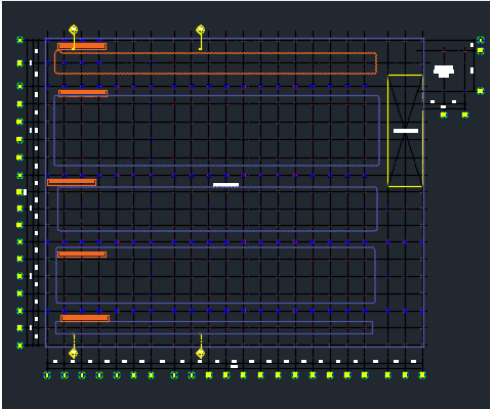


TOLL Plaza 3D View



3D View

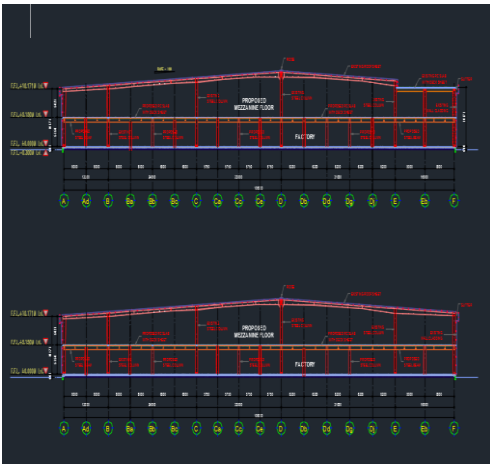
PROJECT : Proposed Industrial Manufacturing Building for M/S Salcomp, Sriperumpudur, Chennai .



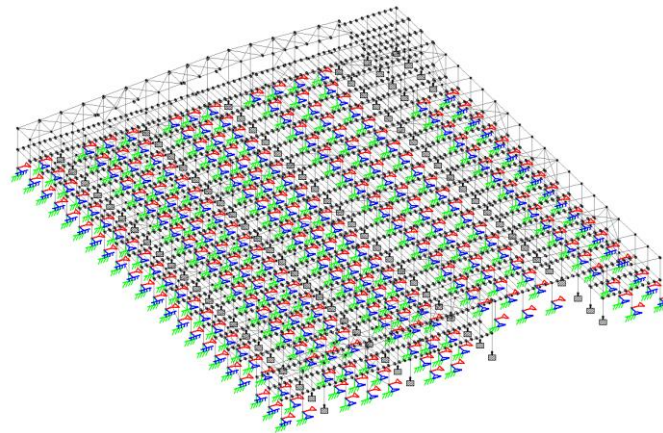
Floor Plan

Scope:

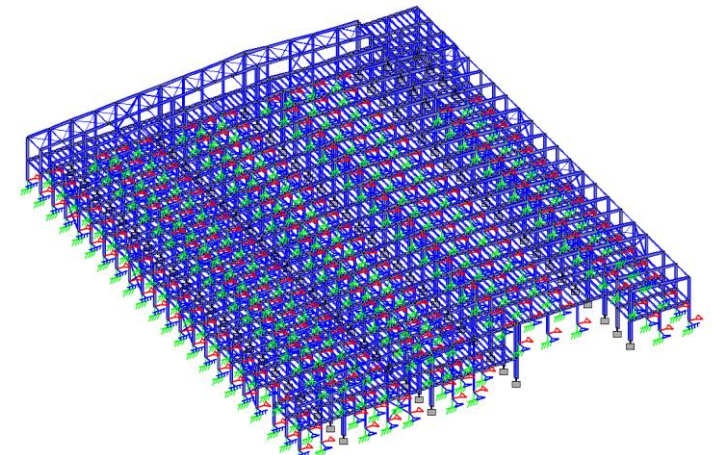
- ✓ Ground + 1 Floors Steel Industrial building
- ✓ Structural Analysis and Design
- ✓ Foundation Design
- ✓ MTO Preparations
- ✓ RCC Layout Plan and reinforcement drawings
- ✓ Steel GA drawings
- ✓ Fabrication drawings
- ✓ Calculation Report



Industrial Building Sections



Analysis 3D Model



3D View

CONTACT US



SV CONSULTANT
Engineering Services

✉ engineering@svces.in | suresh.chithaiyan@svces.in 🌐 www.svces.in ☎ +91 98658 58089

Reg. Off: Old No. 10, New No. 16, Padmanabha Nagar Main Road, Choolaimedu, Chennai - 600 094.

Branch Off: 280/4/2&3, Third floor, Aruna Avanthika Buildings, NSR Road, Saibaba colony, Coimbatore - 641 025.