Industrial Contractors

30+ years

pinnacleinfotech.com

Pinnacle Infotech

Construct Certainty, with Technology

Mission

Help the AEC industry optimize resources, cost and quality through innovative use of technology for:

- Sustainable and efficient design
- Collaborative pre-construction planning
- Agile construction process
- Reliable facility management

Vision

Lead the global AEC industry to certainty and efficiency using technology.

Associations:

Our Values

E **Excellence**
We take pride in our passion for excellence. It is a way of life for us.

A **Agility**
We are always at the edge of technology and driven by agile transformations.

R **Reliability**
We have ISO-certified processes and workflow to produce consistent and reliable performance.

T **Teamwork**
Pinnacle provides an environment where teams collaborate effectively to excel.

H **Honesty**
We win the trust of our stakeholders through integrity, straightforwardness, and transparency.

Our Way of Giving Back

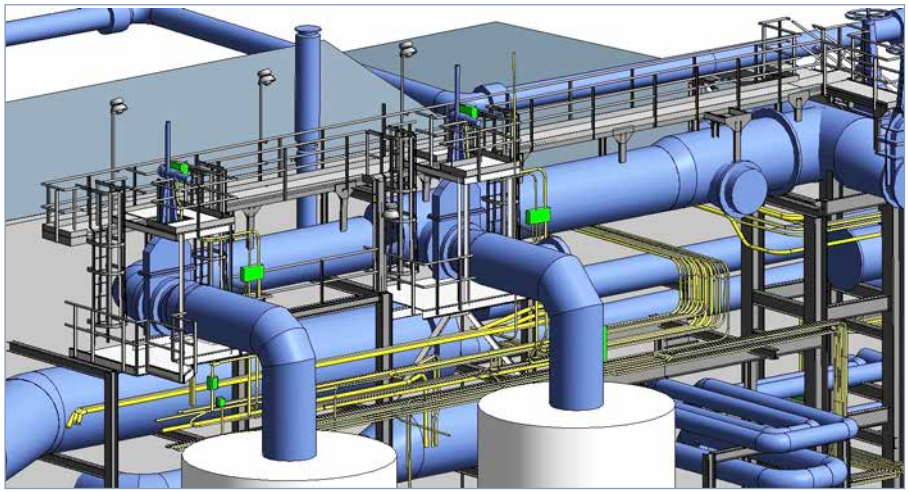
Ankuran Foundation

A first-of-its-kind, not-for-profit, national network of world-class learning centers that impart Science Education through experiential learning to school students from diverse backgrounds. To learn more, visit Ankuran.org

Ankuran
Where Knowledge Germinates

Index

1. Revolutionizing Industrial Construction



Process Piping Design Model

Proper planning and coordination are the keys to the successful execution of projects in the construction industry. Building Information Modeling (BIM) allows stakeholders to create and examine virtual representations of Piping, Piping Racks, Tanks and equipment Models, and Architectural and structural systems with other utilities. The virtual construct can be used to generate accurate Prefabrication drawings and address design issues before construction begins. Advancements in 3D technology and the advent of BIM have also revolutionized the Architectural, Engineering, and Construction (AEC) industry. Pinnacle Infotech has been acknowledged as the global leader in providing innovative BIM solutions.

We have received several awards and recognitions from the industry and the government. Our process orientation & quality control is as per ISO 9001:2015, ISO/IEC 27001:2013, ISO 19650-2, ISO 19650-3, and ISO 19650-5 and Environment Management System (EMS) 14001:2015 certified. Serving the industry for over 30 years in 40+ countries with 15,000+ projects, Pinnacle acquired a deep understanding of international building codes and procedures. Our global delivery system allows us to maintain constant contact with our clients making geographical separation meaningless. We recognize the importance of effective work process management and regular communication when outsourcing services. We have developed an ideal mix of infrastructure, experience, global presence, and commitment to excellence, leading to long-term relationships with more than 2000+ clients worldwide.

Our Process Piping modeling team has extensive global expertise. Committed to meeting client demands and specifications, our skilled professionals offer invaluable support throughout the project lifecycle, starting from the conceptual/schematic stage and continuing through Prefabrication, Off-Site Manufacturing, Installation, and Construction. Our team effectively converts the designer's vision, as conveyed through the inputs, into actionable information, utilizing 3D design models and 2D Fabrication Drawings. Adhering to our ISO 9001:2008 certification, we maintain a meticulous documentation process to ensure comprehensive project records.

2. Benefits of BIM

Coordination & Efficiency

BIM streamlines communication with 3D visualization among all stakeholders for quick decision-making during the design and pre-construction phases. Efficiency eliminates work stoppages and rework by checking the accuracy and completeness of drawings before starting construction on-site/off-site.

Value Engineering & Savings

BIM helps reduce Material & Labour Costs, Installation Time and Enhances Safer Construction and Accessibility during pre & post-construction. It optimizes hanger support, shaft, and sheet metal costs, resolves constructability issues, saves time on RFIs, and avoids discrepancies with local codes in the Model.

Project Management

BIM services allow you to get complete control of construction projects. 3D, 4D & 5D BIM, Detailed Material BOQ, and Shop Drawings enable a better look at “The Big Picture” and aid in the review, scheduling, and monitoring of each project.

Change Management

Building Information Modeling takes care of Change Management, incorporating balanced planning, evaluation, and execution of change orders to manage projects effectively.

Flexibility In Design

BIM enables effortless simulation of diverse design parameters by making nominal input adjustments. It ensures smooth coordination among Owners, Architects, Consultants, and Stakeholders, providing a real-time updated model during the design phase.

Accuracy

BIM facilitates the creation of precise engineering drawings (P&IDs, plans, isometric drawings, general arrangement, ortho drawings, elevations, and sections, etc.), along with meticulously coordinated construction documents directly derived from the 3D model. This approach significantly enhances quality and accuracy while streamlining the overall process.

Efficiency

BIM eradicates work stoppages by leveraging the availability of a high degree of detailing within the model itself through RFIs. In addition, our clash-coordinated BIM Model reduces rework that arises due to constructability issue.

Savings

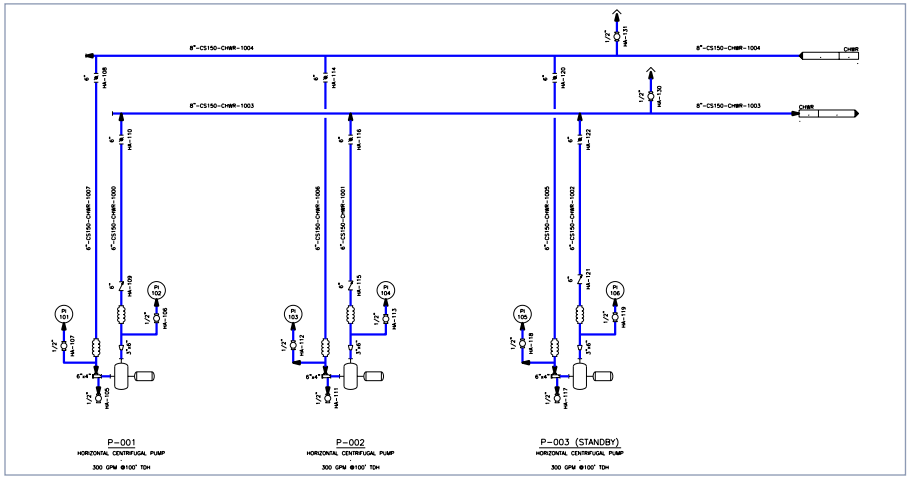
It can help you save costs through effective cost optimization, value engineering, and seamless integration with various design analysis and simulation software. Additionally, the 3D model automates pre-fabrication planning and quantity take-off processes, further contributing to overall savings.

Our clients have reported cost savings up to 15% by successfully implementing BIM.

3. Process Piping Using BIM

Piping & Instrumentation Diagram (P&ID)

Pinnacle specializes in providing comprehensive Piping and Instrumentation Diagram (P&ID) services for processing plants. A P&ID is a detailed drawing that outlines the piping and instrumentation components of a plant during the design phase. It plays a vital role in guiding the construction and operation of the plant. Our team of process design engineers collaborates with instrumentation and piping engineers to develop accurate P&IDs based on Process Flow Diagrams (PFDs), which capture the fundamental process flow during the plant's design stage.

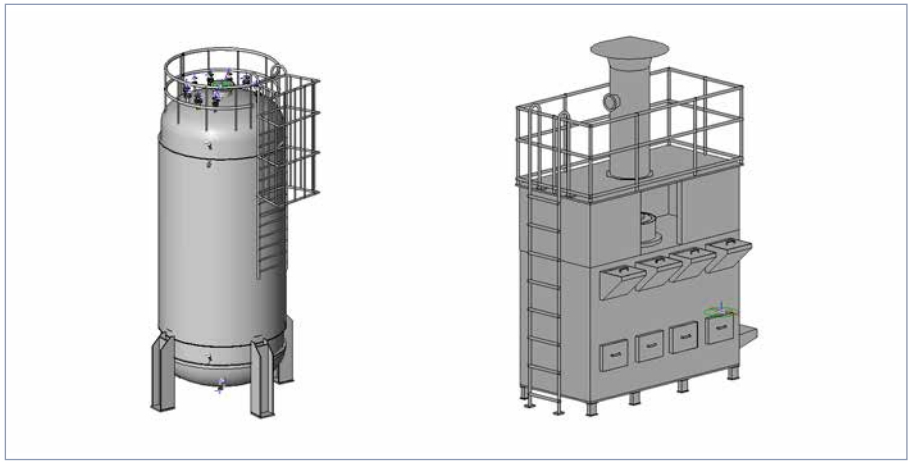


Pump Set P&ID

3.1 Equipment Design

Equipment modeling involves creating virtual representations of physical-chemical process equipment like reactors, pressure vessels, heat exchangers, and tanks, offering a crucial visualization tool for optimizing designs. Pinnacle excels in equipment modeling, providing process piping constructors with accurate models. Utilizing software like AutoCAD Plant 3D and Revit, our team ensures precision and adherence to clearances defined by contract documents and codes.

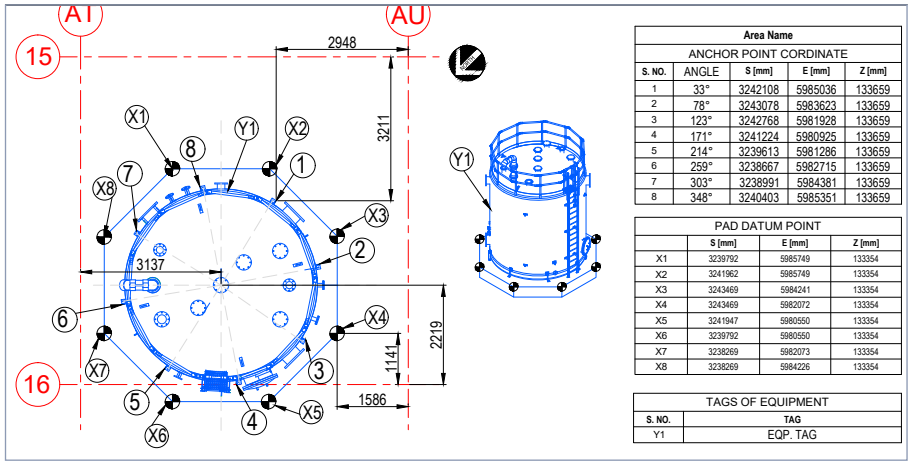
Our models integrate seamlessly with the physical components, enhancing accuracy and reducing rework. By incorporating smart library components and parametric families, our models are both flexible and precise. These models contribute to improved efficiency in the larger process piping design, leading to successful project outcomes.



Equipment Design

3.2 Equipment Layout

General arrangement drawings are also developed for individual equipment. These drawings present the main dimensions of that equipment using 2D views, top-view, side-view, and sometimes front-view. Our meticulously crafted GA drawings highlight all the relevant nozzles of the equipment, ensuring a comprehensive understanding of its layout and specifications.



Area Name				
ANCHOR POINT CORDINATE				
S. NO.	ANGLE	S [mm]	E [mm]	Z [mm]
1	33°	3242108	5985036	133659
2	78°	3243078	5983623	133659
3	123°	3242768	5981928	133659
4	171°	3241224	5980925	133659
5	214°	3239613	5981286	133659
6	259°	3238667	5982715	133659
7	303°	3238991	5984381	133659
8	348°	3240403	5985351	133659

PAD DATUM POINT			
	S [mm]	E [mm]	Z [mm]
X1	3239792	5985749	133354
X2	3241962	5985749	133354
X3	3243469	5984241	133354
X4	3243469	5982072	133354
X5	3241947	5980550	133354
X6	3239792	5980550	133354
X7	3238269	5982073	133354
X8	3238269	5984226	133354

TAGS OF EQUIPMENT	
S. NO.	TAG
Y1	EQP. TAG

Equipment Layout (Tank)

3.3 Piping Design Model

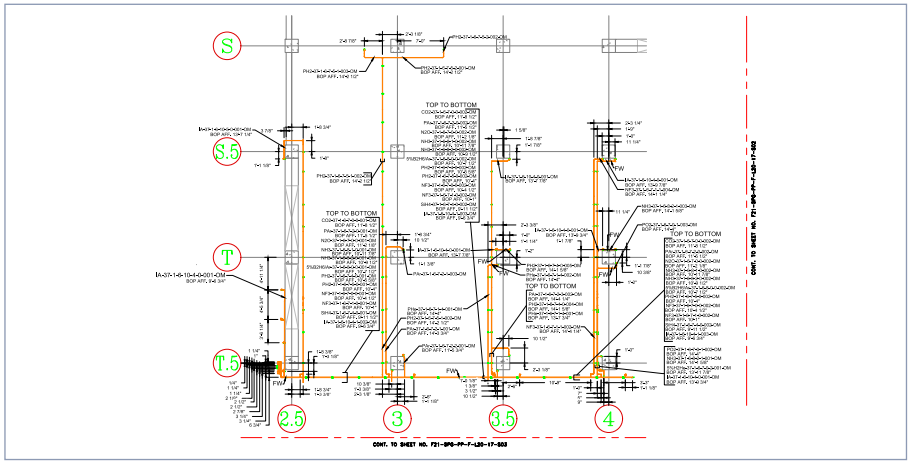
Piping design model is developed following ASME B31.3, project standards, and specifications from contractors, fabricators, suppliers, and manufacturers during construction. We design piping model and equipment hook-ups, integrating necessary instruments, valves, fittings, and connections according to standards. This is complemented by well-structured steel modules and clamps before construction begins. This approach facilitates the creation of fabrication drawings and Quantity take-off, allowing contractors sufficient time for material procurement and spool fabrication before installation. These drawings are derived directly from coordinated BIM models and offer the level of detail required for both workshop fabrication and on-site construction.

Process Piping Design Model

3.4 Piping Layout Drawings/ Shop Drawings

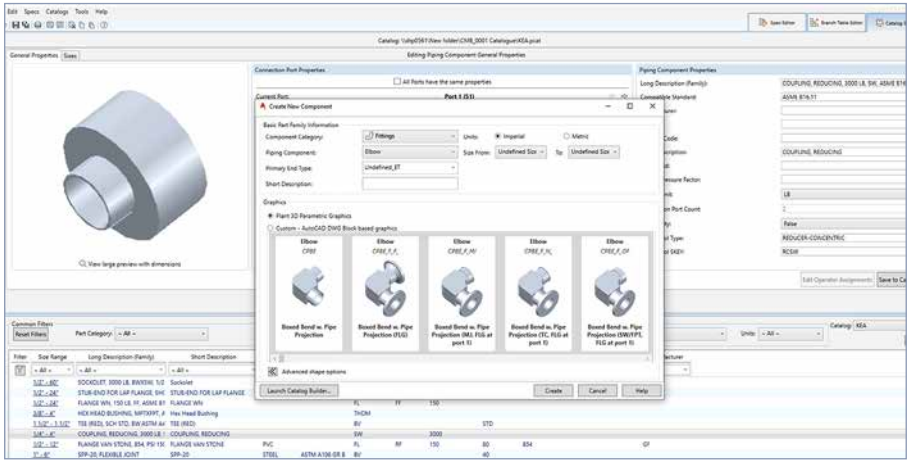
Shop drawings, which provide detailed and accurate descriptions of designs and plans for equipment or building components, are essential for fabrication shops. Serving as the backbone of the fabrication industry, these drawings are integral to the Construction Document Submittal Process for various construction and restoration projects. They encompass a comprehensive set of drawings that encompass dimensions, manufacturing standards, and fabrication details for prefabricated components.

At Pinnacle, we specialize in offering professional shop drawing services tailored to process piping constructors. These crucial and meticulously crafted plans guide the fabrication and installation of equipment and building components. As a pivotal element within the Construction Document Submittal Process, our shop drawings assume a crucial role in the execution of construction and restoration projects. By providing precise dimensions, manufacturing standards, and fabrication details, our services ensure impeccable execution and seamless coordination.



Piping Plan Layout

3.5 Spec Creation & Catalogue



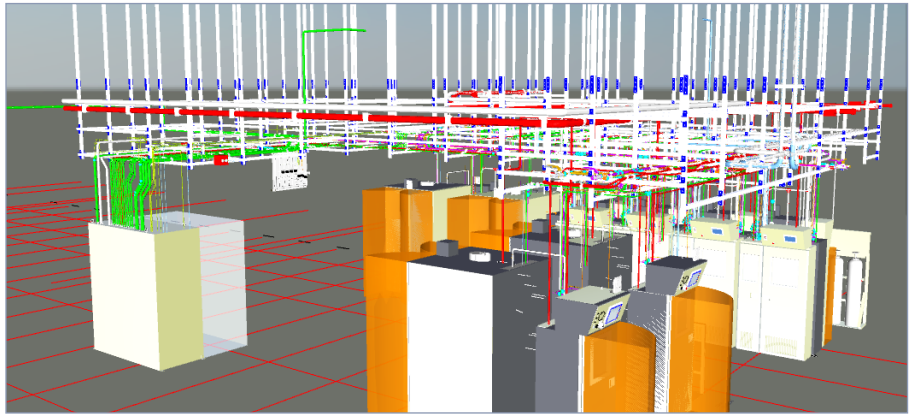
Spec Creation & Catalogue

Creation of Catalogue library and specs using data eccentric platform is a very important pre fabrication job that needs to be done. Pinnacle adheres to the specifications shared in industrial piping/support codes defined by ASME and other international organization. We are well versed with the use of catalogue & spec building software and mapping of the library to use correct path while modeling and designing the parts for the project. We can create part models for any specification / manufacturer having the knowledge of different design codes and understanding of the connection types in real world scenario.

4. Structural Steel Modules

Pipe racks within various industrial plants provide support for pipes, power cables, and instrument cable trays. Pipe racks may also serve as support for mechanical equipment, vessels, and access platforms for valves. These structures are alternatively known as pipe supports or pipe ways.

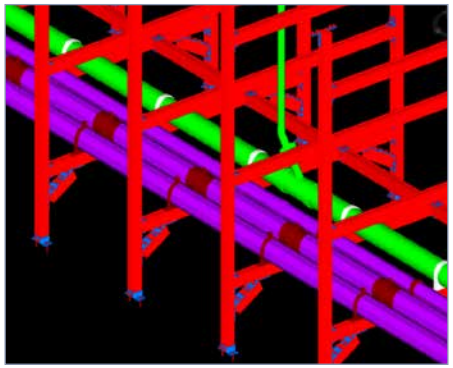
Primary pipe racks are essential for material transfer between equipment and storage or utility sections. It is important to note that storage racks found in warehouses, even if they store lengths of piping, should not be classified as pipe racks.



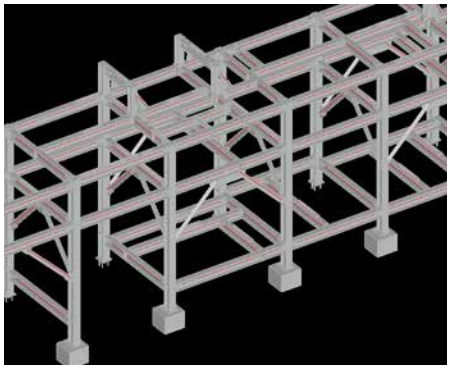
Structure Steel Module Design

4.1 Clamping and Pipe Supports

Pipe clamps are preferred for load-bearing to uphold the weight of the pipe and restrict any movement. They serve as a reliable, durable, and fuss-free mounting solution. Piping installations can be rigidly and safely mounted without vibration transmission using these clamps. They dampen high-impact forces encountered in rolling mills, gun installations, military equipment, ships, and similar applications. The rigidity these clamps offer, combined with their material choice, prevents joint loosening and subsequent leakages in the system.



Pipe Clamped on Modules



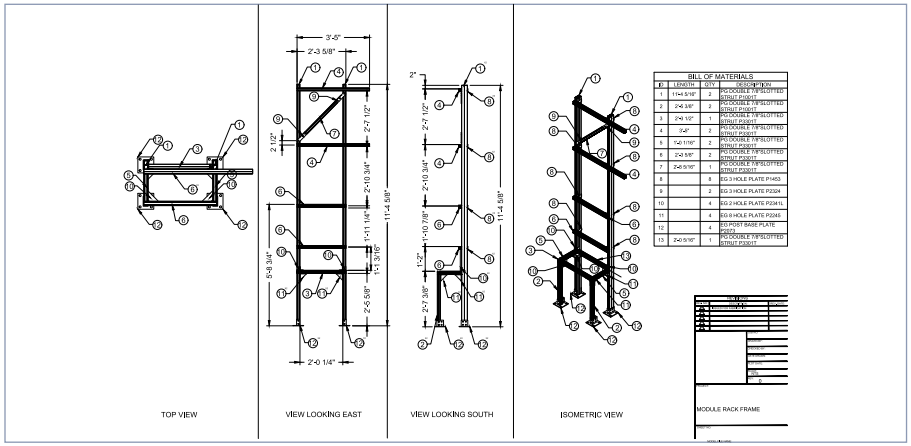
Steel Module

4.2 Structure Module Placement & Pipe Racks

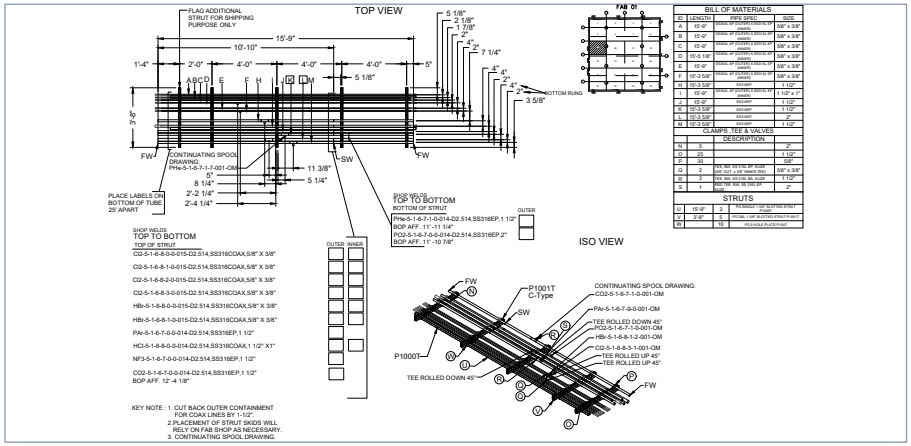
In the context of plant layout, equipment requirements, or process considerations, there may arise a need for an elevated multi-level pipe rack. While the incorporation of multiple levels is not mandatory, it primarily depends on available space. As long as the necessary space beneath the pipe rack for accessibility and road crossings has been considered, the frame can remain single-level. However, in most cases, multiple levels will be required. Within plant units, most process pipes are connected to related unit equipment. Placing these pipes in the lower levels results in shorter pipe runs, savings on piping costs, and better process flow conditions.

4.3 Module Drawings

Pinnacle offers reliable GA & ORTHO drawing services to process piping constructors. Our experienced piping designers develop these detailed drawings, indicating the locations of main equipment and essential piping items within the plant. The GA & ORTHO drawings present a top view of the piping and structure, and in some cases, a side view of the pipe rack is also included. Additionally, individual equipment GA drawings provide 2D views, top-view, side-view, and front-view with all the necessary nozzle indications. These drawings serve as a solid foundation for piping layout and structure racks during green field engineering projects, ensuring seamless project development and execution.



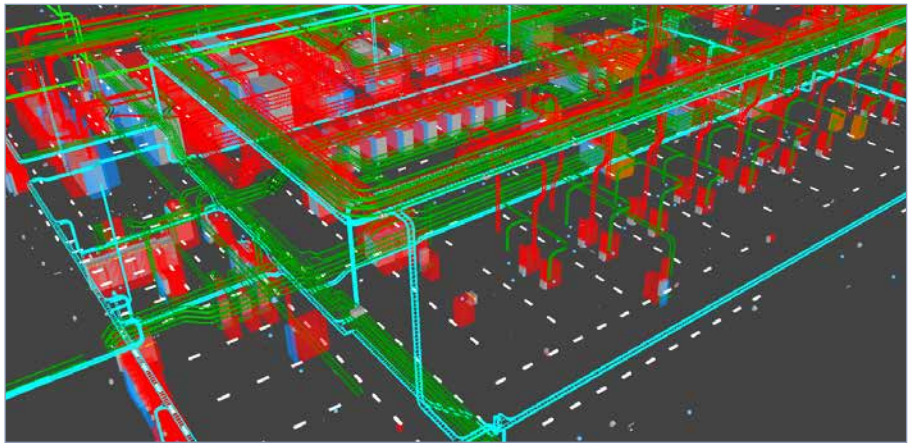
Module Rack Frame



Module Rack Assembly

5. Electrical & Instrumentation

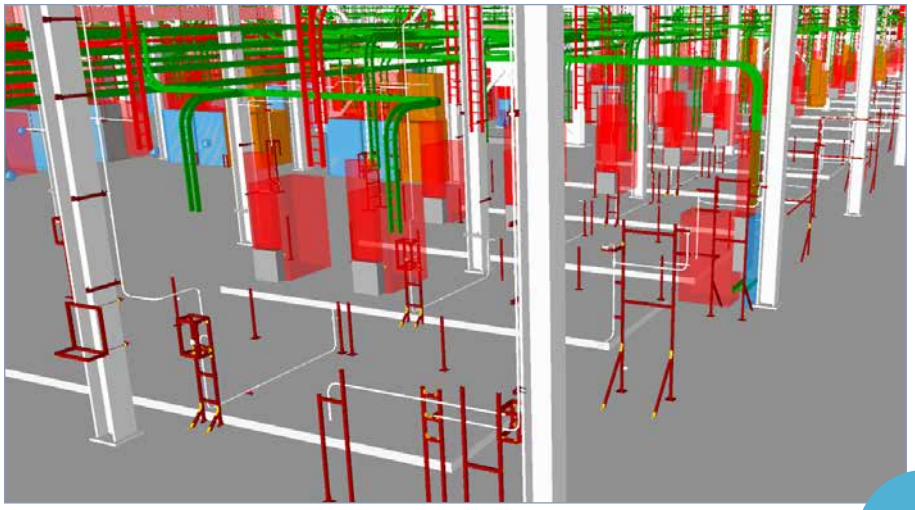
Electrical and instrumentation (E&I) systems have a pivotal role within industrial plants, guaranteeing the secure, efficient, and dependable operation of such facilities. These systems facilitate process control, equipment monitoring, automation, safety enforcement, and seamless integration, thereby fostering heightened productivity, diminished operational risks, and enhanced overall plant performance.



Electrical Room Plan

5.1 Cable Tray & EMT Conduit Design

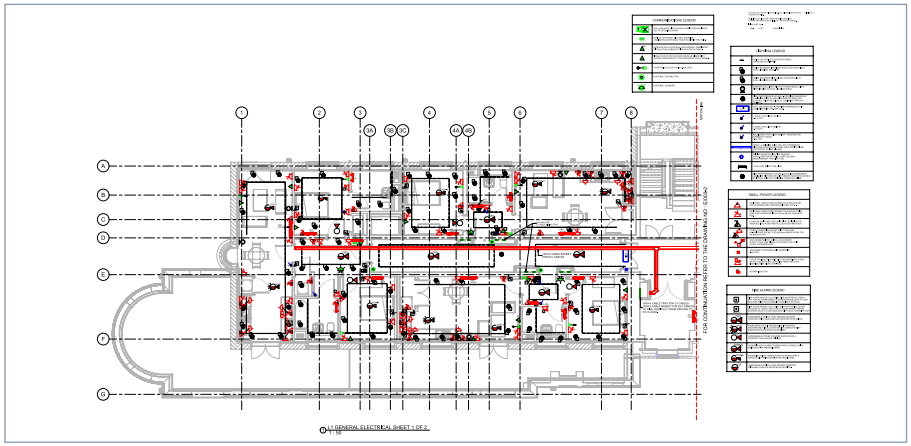
Pinnacle has established a global presence within the industrial market, collaborating with industry leaders. Employing software such as Revit, AutoCAD Plant 3D, and Tekla, we create meticulous clash-free Electrical models. These models intricately depict the precise placement of equipment, instruments, and telecommunication devices alongside cable trays and EMT conduit routing supported by structures and clamps. Throughout the model development process, we prioritize value engineering, focusing on enhancing system efficiency and minimizing costs through optimal network routing strategies.



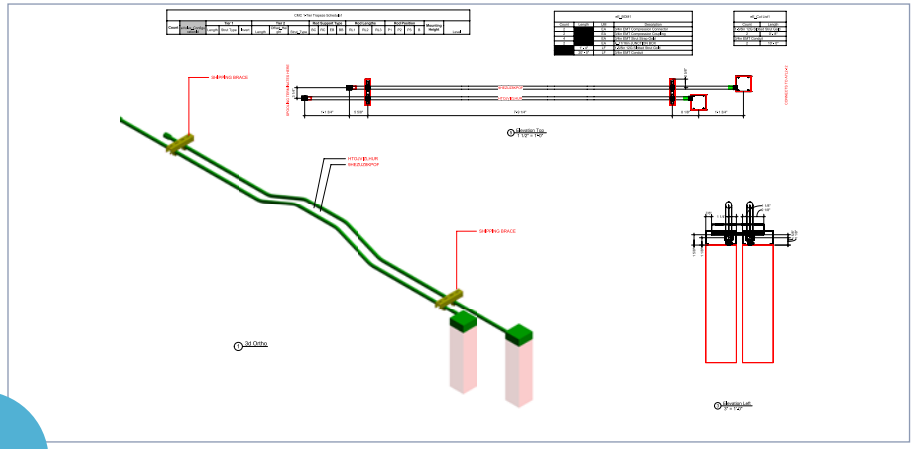
Cable Tray & EMT Conduit Design

5.2 Electrical Fabrication Drawings

Electrical designers develop Fabrication GA & ORTHO drawings for Electrical systems. These drawings highlight the equipment positions and the design of the Electrical system, along with the necessary Bill of Materials for fabrication. The drawings also incorporate indications for the primary cable tray, EMT conduit items, instruments, fittings, and structural supports in the GA & ORHO drawings. Typically, the top-view perspective is employed to represent the electrical systems and structures. Occasionally, a side view of the pipe rack is also included in the drawing. Pinnacle offers comprehensive electrical fabrication drawing services, encompassing the creation of Fabrication GA & ORTHO drawings for Electrical systems. Our focus on precision and detail ensures accurate representations that facilitate efficient fabrication and installation processes.



Electrical Plan Layout



Spool Sample

6. Bill of Material/Quantity Take-off

The significant benefit of a 3D model is accurate quantity information. Bill of Material can be detailed and tabulated per the client's procurement, fabrication, and installation requirement. It is software generated and automatically updates with the changes in the model.

Pinnacle offers comprehensive Piping Material Take-Off (MTO) or Bill of Quantity (BOQ) services to process piping constructors. Our MTO list includes all essential piping items, such as pipes, fittings, valves, flanges, gaskets, fasteners, and specialized components like strainers, steam traps, expansion bellows, and more. The MTO is a crucial aspect of project estimation, providing a detailed inventory of materials required to complete the project successfully. Additionally, our precise BOQ serves as a tendering document, covering the scope of materials for the entire piping project. Trust Pinnacle for accurate and reliable MTO and BOQ services that streamline your project execution.

S no	Long Description	Line Number	UPN	Spec	Size	Length(MM)	Class	ItemCode	Manufacturer
1	FLANGE BLIND, SCH 80, 150 PSI, PVC, FF, XIRTEC140, IPEX	URW-PCH-262017-21	262	PCH	6"		BlindFlange	36259	IPEX
2	P2-PS-G015-0-4in PVC	CCW-PCH-279003-00	279	PipeSupportSpec	4"		Support		
3	FLANGE BLIND, SCH 80, 150 PSI, PVC, FF, XIRTEC140, IPEX	SCW-PCHA-280301-00	280	PCHA	6"		BlindFlange	36259	IPEX
4	PIPE, SCH 80, PVC, PE, XIRTEC140, IPEX	TMXW-PCHA-293001-00	293	PCHA	6"x2"	174.339247	Pipe	85160	IPEX
5	P2-PS-G015-0-4in PVC	CCW-PCH-279003-00	279	PipeSupportSpec	4"		Support		
6	TEE, SCH 80, PVC, SKT, XIRTEC140, IPEX	URW-PCH-262017-21	262	PCH	10"		Tee	36866	IPEX
7	COUPLING, SCH 80, PVC, SKT, XIRTEC140, IPEX	NH4W-PCHF-283023-00	283	PCHF	8"		Coupling	36100	IPEX
8	PIPE, SCH 80, PVC, PE, XIRTEC140, IPEX	SCW-PCHA-280001-00	280	PCHA	6"x2"	725.236672	Pipe	85160	IPEX
9	FLANGE VAN STONE, 854, PSI 150, FF x PSW, GF	URW-PCH-262017-21	262	PCH	6"		Flange	854-060	GF
10	P2-PS-G015-0-4in PVC	CCW-PCH-279003-00	279	PipeSupportSpec	4"		Support		
11	PIPE, SCH 80, PVC, PE, XIRTEC140, IPEX	NH4W-PCHF-283023-00	283	PCHF	8"	1333.374554	Pipe	85180	IPEX
12	PIPE, SCH 80, PVC, PE, XIRTEC140, IPEX	HFW-PCH-266311-00	266	PCH	6"	284.395769	Pipe	85160	IPEX
13	BALL VALVE, 150 PSI, PP, SKT, ENPURE, VKD, IPEX	URW-PCH-262017-21	262	PCH	1 1/2"		Valve	537035	IPEX
14	PIPE, SCH 80, PVC, PE, XIRTEC140, IPEX	TMXW-PCHA-293015-00	293	PCHA	6"x2"	470.909907	Pipe	85160	IPEX
15	FLANGE VAN STONE, 854, PSI 150, FF x PSW, GF	CCW-PCH-279003-00	279	PCH	4"		Flange	854-040	GF
16	FLANGE, VAN STONE, SCH 80, 150 PSI, PVC, FFXLJ, XIRTEC140, IPEX	NH4W-PCHF-283002-00	283	PCHF	6"		Flange	36354	IPEX
17	PIPE, WELDED, ASTM A312 Gr.TP 316L, SCH.10	OSS-KAA-718009-00	718	KAA	3"	1927.826905	Pipe		
18	P2-PS-G015-0-8in PVC	HFW-PCH-266311-00	266	PipeSupportSpec	8"		Support		
19	PIPE, SCH 80, PVC, PE, XIRTEC140, IPEX	CCW-PCH-279003-00	279	PCH	4"	253.315617	Pipe	85140	IPEX
20	ELBOW 90, SCH 80, PVC, SKT, XIRTEC140, IPEX	SCW-PCHA-280003-00	280	PCHA	6"		Elbow	36191	IPEX
21	ELBOW 90 LR, A403 Gr.WP 316L, SEAMLESS, SCH.10S, BW	OSS-KAA-718009-00	718	KAA	3"		Elbow		

Bill of Material

The list of information available in the Material Take-Off sheet is as follows:

- Line number
- Name of the piping items
- Main size
- Reducing size
- Shortcodes of the items
- Piping class/specification
- End/Face type
- Thickness/Rating
- Material type.
- Dimensional Standard.
- Item type
- Quantity/Length
- Weight
- Remark (for writing important notes related to piping items)

Note: The above list may vary from Client to Client and Project requirements.

Piping Bill of Material

The BIM model generates an accurate quantity of all materials, automatically updating them with any changes in the BIM model. Bill of Material (BOM) reports can be formatted in MS Excel and exported to a database for detailed analysis. Quantities can be produced for a specific time period or project area (4D/5D) to facilitate material procurement management and reduce inventory costs. The BOM generated by Pinnacle encompasses all components, including pipes, pipe fittings, equipment, instruments, valves, and more.

Structure Bill of Material

The Structure BOM contains details of Clamps, Unistruts, Unistrut fittings, and fasteners used in the model, with customizable information fields to suit customer requirements.

Electrical Bill of Material

The Electrical BOM includes details of Cable Trays, Cable Ladders, Conduits, Conduit fittings, and fasteners used in the model, with customizable information fields to meet customer requirements

7. Prefabrication/OSM

Prefabrication refers to the creation of building components at a factory or manufacturing site before they are assembled onsite. Modular construction is a type of prefabrication where building components are constructed in box-like modules and transported to the building site for final assembly. Prefabrication consistently showcases its potential to benefit all project stakeholders, whether to enhance quality, streamline schedules, or bolster margins. Pinnacle offers Digital Prefabrication, empowering clients with real-time scrutiny of each system comprising the final project. This practice elevates quality, optimizes material management, and significantly curtails costs. Fabrication drawings are derived from the BIM model, ensuring precise off-site/on-site pre-fabrication. Our segmented spool drawings and spool maps adhere to contractor standards and preferences. Moreover, by combining prefabrication with BIM, the prefabricators can partake in the design process from the beginning of the project, saving time.

Key Advantages

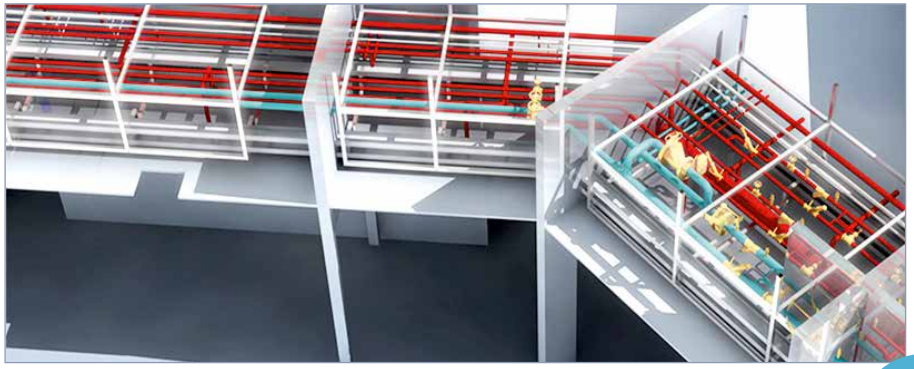
- Reduced construction costs, especially when combined with economy of scale production (10%+)
- Reduced construction time on site (50 to 60%)
- Reduced wastage in manufacturing and on-site
- Greater reliability and quality
- Increased site productivity (up to 50%)

Re-locatable Buildings Constructed Offsite in Controlled Settings

7.1 Modularization – A Paradigm Shift

Advantages of Modular Construction Beyond Prefabrication

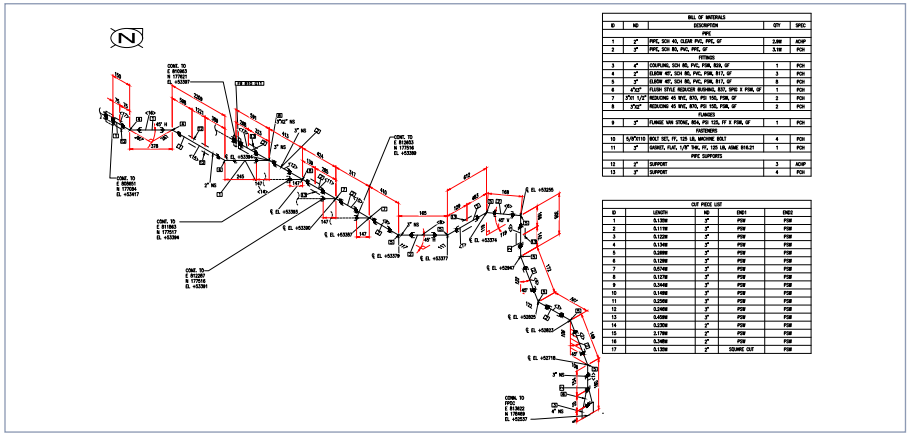
- Modular Prefabrication- All disciplines are integrated to create fully coordinated modules
- Modular racks installed into ceiling /corridor /mechanical space as per requirements
- Replace the “stick” building process - each service is installed piece by piece, and site coordination
- Significant reduction in time and costs



Modular Construction - This shows How Modularization is bringing a paradigm shift

7.2 Spool

We provide Piping Spool Drawing services to process piping constructors. Spools are essential assemblies of pipes and associated components that can be prefabricated in the workshop and later shipped to the site for efficient installation. Our pipe spool drawings serve as comprehensive guides, offering plumbers valuable insights into the components they encounter. These optimized drawings provide fabricators with all the necessary information for accurate spool manufacturing and assembly. With detailed weld tracker schedules and Bill of Materials (BOM), our spool drawings ensure seamless coordination throughout the project.



ISO Sample

7.3 Scan to BIM for Process Piping

Scan to BIM is used to generate an accurate digital site representation. We capture detailed information about an element through laser scanning to facilitate accurate modeling, coordination, and quantity take-offs for existing and new piping.

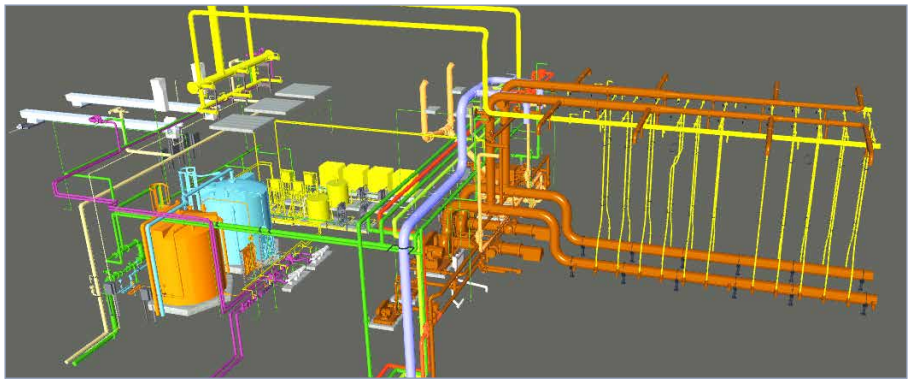
8. Industrial Plants

Pinnacle specializes in piping plant design and 3D modeling with shop drawings and has emerged as a favored BIM service provider. We follow ASME B31.1 for process piping and other industry-specific standards for installing Equipment, Tanks, Pressure Vessels, Pumps, and Instruments.

Pinnacle has worked in the Semiconductor market across the globe with the Giants. It has provided Process piping and Electrical design for specialty infrastructure systems like UPW Systems, Waste Systems, Chemical Distribution Systems, Gas Distribution systems, Power Distribution, and Tool Installs for multiple types of tools like Dry Etch, Wet Etch, Litho, Thin Film, etc.

Pinnacle has created Process Piping 3D Models for various Dairy Plants, Food & Beverage processing plants, Pharmaceutical Plants, Chemical Plants, Biogas plants, Water treatment plants, reservoirs, transmission pipelines, distribution mains, and Pumping stations, etc. across the globe. In these plants, it is essential to follow specific standards for process piping to ensure the safety, hygiene, and efficiency of the operations. Pinnacle always considers all the required standards, such as ASME BPE Standards and FDA standards required for the construction of the units. Pinnacle has provided the design model services for all the systems in these plants like HVAC, Mechanical Piping, Process Piping, Electrical and Plumbing.

Industrial Plant



Industrial Plant

9. Why Pinnacle

Each of our employees has ingrained in themselves the core values - ‘EARTH’ of our organization.

Excellence | Agility | Reliability | Teamwork | Honesty

Excellence

Excellence is a way of life for us. Our commitment to hard work, creativity, and innovation allows us to reach our full potential in approach, operations, and collaborations. We foster a culture of excellence from the ground up within our organization to achieve operation at the highest industry standards.

Agility

We understand that every business is different. We are highly agile and can adjust quickly to changing market conditions and client requirements. In addition, we offer a variety of business models to suit your specific needs at competitive prices.

Reliability

Pinnacalites rely on trusted processes to consistently produce excellent results. We have over 30 years of experience in the AEC industry, and our work processes are ISO-certified.

Teamwork

We work together to scale every challenge. We understand that it is only through teamwork that we can provide the best possible results for our customers. Pinnacle fosters a team-oriented culture where everyone is valued, and their contributions are encouraged and recognized.

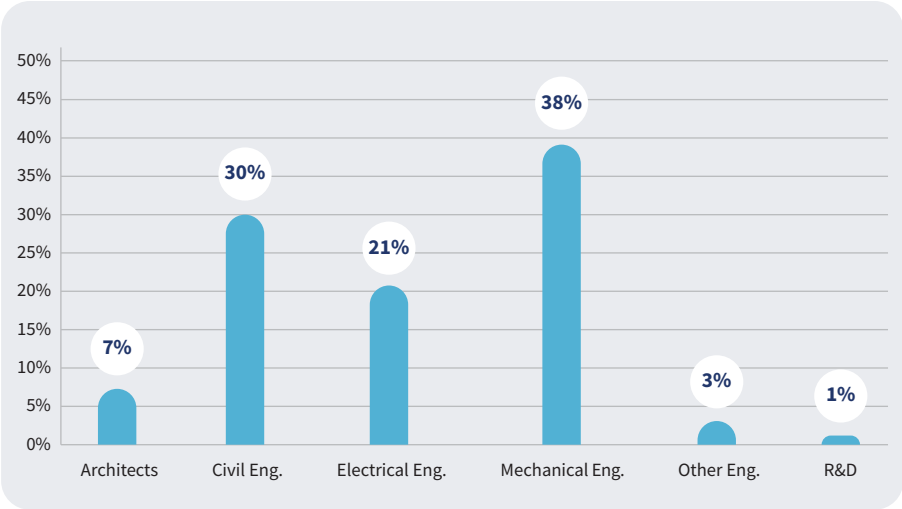
Honesty

Honesty is our key value, and we hold ourselves to the highest standards of integrity. We strive to be transparent and clear in our communication to ensure that our clients get the best value for the money.

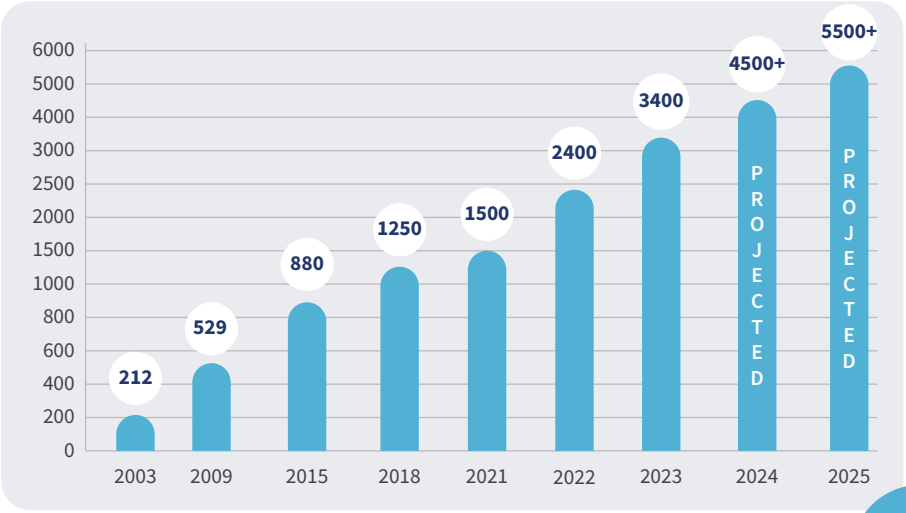
10. Our Team

Pinnacle's significant contribution to Building Information Modeling is made possible by its highly qualified and experienced workforce, including engineers, architects, and other experienced professionals. All our employees are well-versed in handling international construction codes and standards. We are proud of the diverse team and their global experience.

Employee Background



Workforce Growth



11. Our Infrastructure

Pinnacle has large state-of-art campuses in Durgapur, Jaipur, Kolkata & Madurai, comprising facilities like High-speed Bandwidth, Blade servers, an R&D center, a Datacenter, recreational zones, playgrounds, and more.

We also have equipped global delivery centers in the US (Houston, Atlanta, and San Jose), Canada (Toronto), UK (London), UAE (Dubai), Singapore, Germany (Munich), and Japan (Tokyo) that allow our employees to work in the same time zone as our customers.

Pinnacle's Construct-ability Installation Lab gives construction site experience to employees, integrating theoretical learning with practical experience. It enables our employees to deliver BIM solutions on time and with accuracy.

12. Our Work Processes

We strongly emphasize the significance of efficient work process management and consistent communication in the context of outsourcing services. Our process orientation and quality control are per ISO standards – 9001:2015, 27001:2013, 19650-2, 19650-3, and 19650-5, plus EMS 14001:2015. As holders of **ISO 19650-5**, the esteemed international certification for BIM services, we ensure adept data management and transparent collaboration. On orders, we assign a dedicated Relationship Manager, a competent Project Delivery Head, and Project Managers for focused execution.

Relationship Management

Our relationship managers are co-located with customers, ensuring clear communication, managing timelines, and handling deliveries promptly to surpass customer expectations. They advise customers on the services Pinnacle provides and build long-term business relationships.

Production Process

Project teams report to Project Delivery Head (PDH). The PDH provides technical leadership to the team and ensures standard work processes (as per ISO norms) are followed. They oversee project delivery. Project Delivery Heads periodically communicate with the client to get regular feedback and ensure the successful completion of the project.

Project Managers handle small teams for a customer and are responsible for understanding project requirements, project standards, invoicing processes, and communication protocols. They prepare project templates per project specifications, plan resources and align project delivery schedules.

Auditing Process

The COE team is an independent body in the company for Process and quality management and monitors the process and quality through various audit parameters, sets up feedback management processes, carries out investigations in case of any complaints/concerns, and provides action items. This way, Pinnacle ensures consistency in the final deliverables throughout the company.

Quality Control Process

Pinnacle's efficient processes and stringent quality control mechanisms have added certainty to 15000+ projects worldwide. Our process orientation and quality control are per ISO 9001:2015, ISO/IEC 27001:2013, ISO 19650-2, ISO 19650-3, and **ISO 19650-5** standards and are managed by an independent QC team.

13. Our Projects

Semiconductor Fab

Austin, USA

Semiconductor Fab

Chandler, USA

Semiconductor Fab

Sherman, USA

Water Treatment Plant

Evans, USA

Food & Beverage Plant

Ireland

Food & Beverage Plant

Ireland

14. Clients Speak

"This was a very difficult job to execute since it was an existing building and there were stricter requirements (HCA guidelines) to follow. Pinnacle exceeded expectations in terms of delivering quality shop drawings within tight deadlines."

Bernhard MCC LLC, USA

"Good piping job delivered on time, even last-minute changes were delivered in a timely manner."

Mann Mechanical Company, Inc, USA

"This project went very well. The modeling was accurate, and team did a great job making the changes I requested as well as making changes for addendums."

TP Mechanical Contractors, USA

"Pinnacle's team has done a wonderful job for us. The team was very professional and responsive to our needs. Any changes that needed to be implemented were completed and turned around to us in a very rapid manner. Your services will allow us to build a culture of prefabrication going forward and we anticipate doing more business with Pinnacle in the future."

Keith Lawson Mechanical, USA

"Great work on a very challenging project, the plans were not very good and we did not even have digital files in 2D and your team was able to produce a model that has helped the project and impressed the owner. It has bene a challenge but your team has done very well and been very diligent in tracking RFI's and issues."

Thomas Insulation Corporation, USA

"As always, the Pinnacle team has been a delight to work with. They take direction extremely well and are always willing to learn. Please do not take the Quality of the Job as a four or as something to work on. As I have said, there is always room for improvement, but MEP Delta is very satisfied with all the work Pinnacle has produced for us. Thanks!"

MEP Delta Design, LLC, USA

"As with all of the previous projects that we have worked with Pinnacle on, this project came together seamlessly and without any problems. The Pinnacle team is very detailed in their approach, always meets our demanding schedules, and always with excellent quality in the finished product. There are not many companies that work for/with us that can keep up with our pace, but Pinnacle can every single time. I would personally recommend them to anyone in need of BIM, CAD, and drawing coordination services."

Rivers Plumbing and Electric, USA

"The spool annotation we received and the quality of the work was excellent, every sheet was well organized and very detailed, you understand our dimension requirement. Thank you! Overall, this was really well done!"

Modern Niagara, Canada

"I enjoy working with the Pinnacle team. They are always on top of things and good communicators. Any time I have a question, concern or any change to a job they are quick to respond and work accordingly. I plan on continuing collaborating with them."

Grote Enterprises, LLC, USA

"Overall, very positive. Emails are clear and concise. Work is done per Magnolia standards and the cheat sheet that was provided. Emails are responded to in a timely fashion."

Joseph J. Magnolia Inc, USA

"Every time I request work done, the response time is fantastic. Even though I tend to give tight deadlines, Pinnacle delivers in a timely manner and will always notify me if they cannot meet my deadlines."

Iron Mechanical, USA

"My first experience using Pinnacle for going from Scan-to-BIM and I was very impressed at the final product. Would definitely use again!"

Polk Mechanical, USA

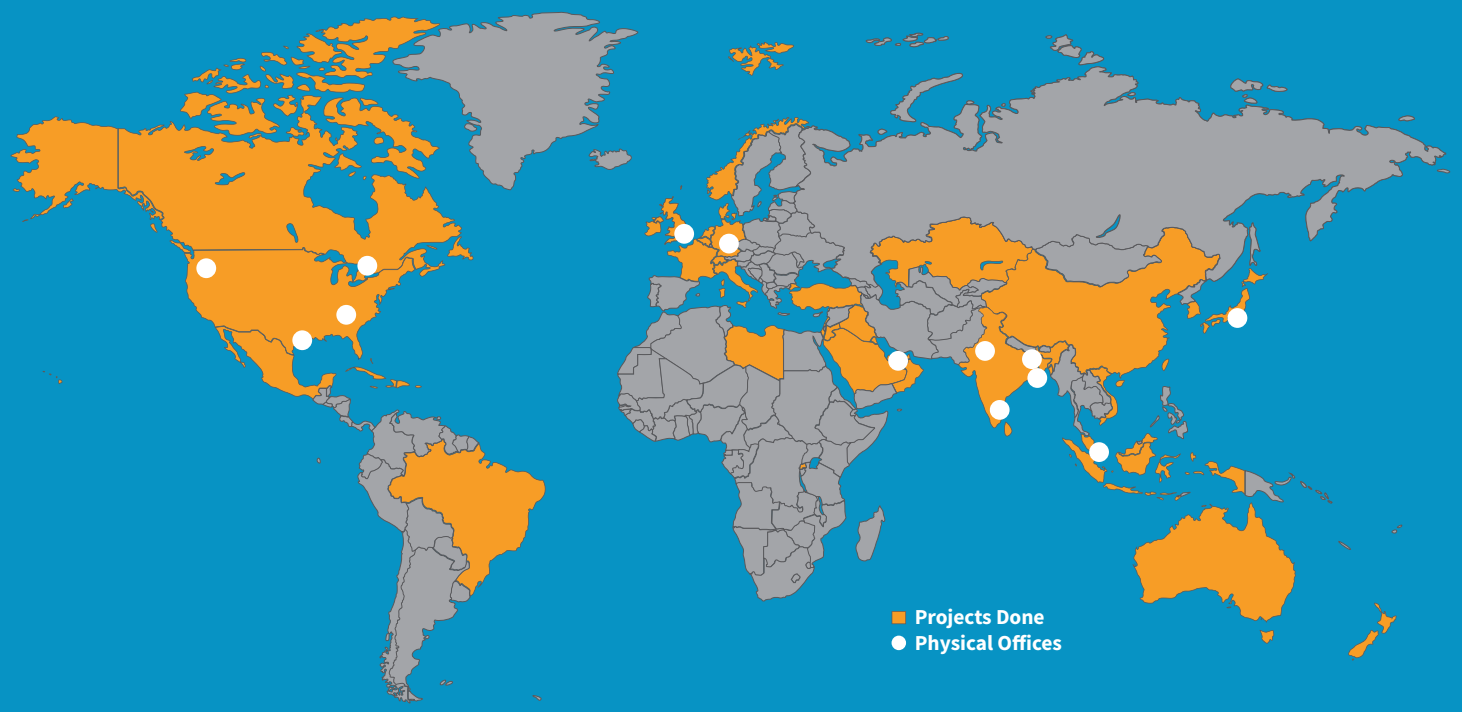
India Office Locations

Durgapur - HQ
Pinnacle Infotech Solutions
Bidhannagar, Durgapur, WB 713212
Phone: +91 343 6602222
Fax: +91 343 6602230
Email: info@pinnacleinfotech.com

Madurai
Pinnacle Infotech Solutions
Elcot IT Park, Plot No - 5,6,&7, Vadapalanji,
Madurai, Tamil Nadu, India - 625021
Phone: +91 70100 97363

Jaipur
Pinnacle Infotech Solutions
Mahindra Sez, Jaipur, RJ 302037
Phone: +91 141 722444

Kolkata
Pinnacle Infotech Solutions
Ecospace Business Park, Kolkata 700156
Phone: +91 33 2324 5900



International Office Locations

USA - Houston
Pinnacle Infotech Inc.
50 Sugar Creek Blvd,
Sugar Land, TX 77478
Mr. Biswanath Todi
Phone: +1 713 780 2135
Email: btodi@pinnacleinfotech.com

USA - Atlanta
Pinnacle Infotech Inc.
6065 Roswell Rd NE #625,
Atlanta, GA 30328
Mr. Mickey Cantrell
Phone: +1 270 223 6319
Email: mcantrell@pinnacleinfotech.com

USA - San Jose
Pinnacle Infotech Inc.
25, N 14th Street, Suite #670
San Jose, CA 95112
Mr. Jash Hirani
Phone: +1 832 874 2798
Email: jhirani@pinnacleinfotech.com

Canada
Pinnacle VDC Inc.
3250 Bloor Street West, East Tower,
Suite 600, Toronto, ON M8X2X9, Canada
Mr. Cory Houle
Phone: +1 613 290 7477
Email: choule@pinnacleinfotech.com

UK
Pinnacle Infotech Limited
The Barley Mow Centre,
London, W4 4PH
Mr. Pat Saha
Phone: +44 79600 26070
Email: psaha@pinnacleinfotech.com

Germany
Pinnacle BIM Technology GmbH
Lilienthalstrasse 27, 85399 Hallbergmoos,
Munich, Germany
Mr. Arijit Sen
Phone: +49 162 5111 463
Email: arijits@pinnacleinfotech.com

UAE
Pinnacle Infotech Technologies FZ-LLC
Office No – 307, 3rd Floor, Building No. 7
Dubai Outsource Zone, Dubai, UAE
Mr. Yash Goyal
Phone: +971 52 769 7465
Email: dubai@pinnacleinfotech.com

Singapore
Pinnacle BIM Technology PTE. LTD.
BCA Braddell Campus, 200 Braddell Road,
#13-63, Singapore 579700
Mr. Kuntal Chakraborty
Phone: +65 69508205
Email: kchakraborty@pinnacleinfotech.com

Japan
Pinnacle BIM Technology K.K.
#403 7-1-5, Minamiaoyama, Minato-ku,
Tokyo, Japan, 107-0062
Mr. So Adachi
Phone: +81 80 3008 9453
Email: sadachi@pinnacleinfotech.com

pinnacleinfotech.com

Pinnacle Infotech
Construct Certainty, with Technology