INFINITY
MEP+S CONSULTANTS

PROJECTS

BRINGING
PASSION TO
ENGINEERING

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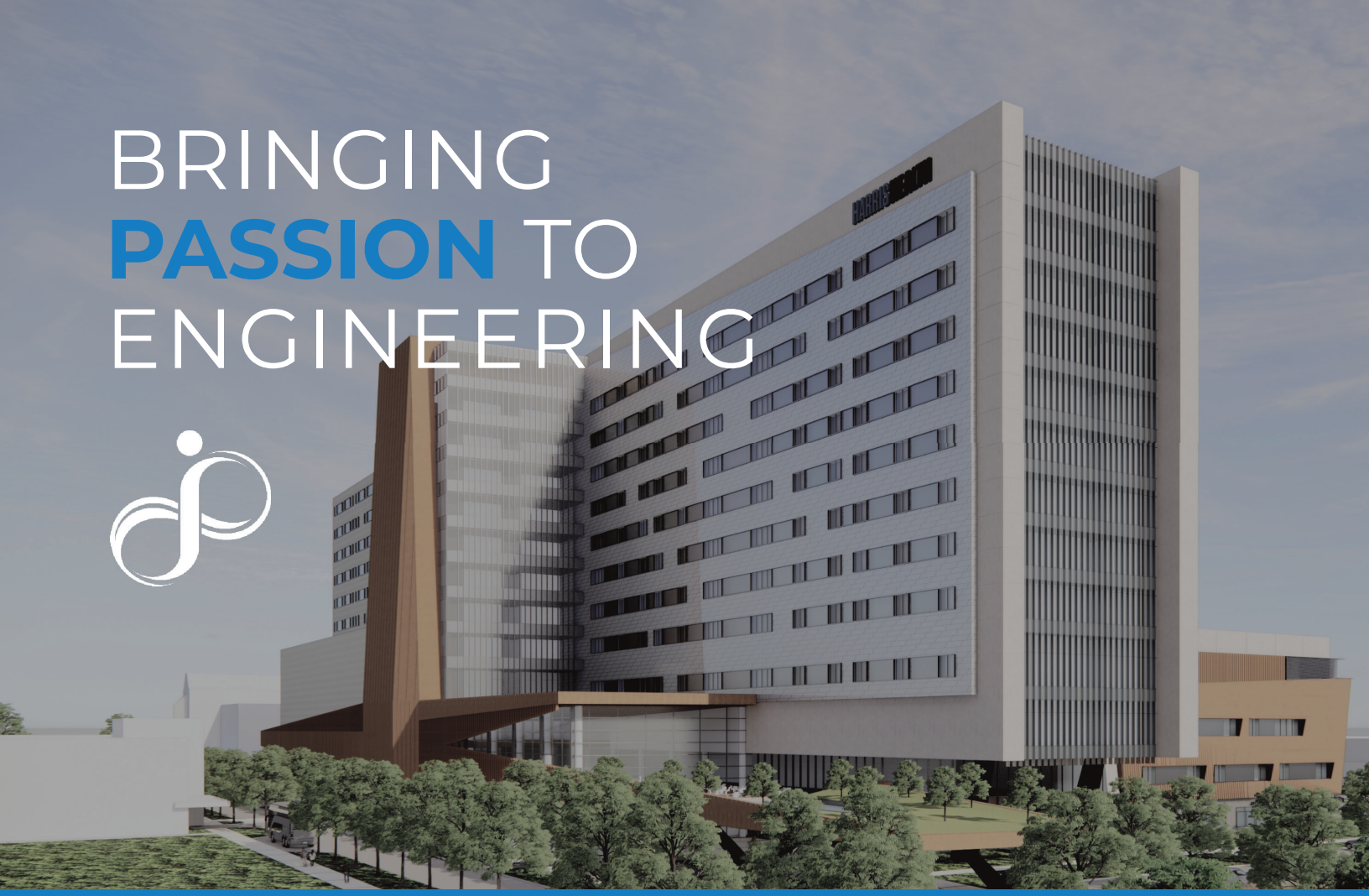


BRINGING **PASSION** TO ENGINEERING

WHO WE ARE

Founded by David Sinz PE LEED AP, Infinity MEP+S Consultants brings a passion to engineering, ensuring every client receives an exceptional collaborative & communicative experience. By combining our passion with our team's global experience, Infinity listens, adapts, and responds to the needs of our clients across a host of engineering disciplines.

Whether data centers, healthcare facilities, higher education, hospitality, commercial real estate or industrial projects, Infinity ensures our clients' success by providing the right team of engineers for every project we work on. With collaborative & experienced engineers across mechanical, electrical, plumbing, structural, technology, fire protection, and commissioning, Infinity brings the right team to every task for every need.

INFINITY MEP+S

OFFERING EVERYTHING YOU NEED

Our multi-disciplined approach creates a unique experience when you work with us; so whatever your engineering service needs are, we deliver. Infinity delivers across multiple discipline;

- MECHANICAL ENGINEERING
- ELECTRICAL ENGINEERING
- PLUMBING ENGINEERING
- STRUCTURAL ENGINEERING
- TECHNOLOGY DESIGN
- COMMISSIONING
- FIRE PROTECTION
- ACOUSTIC
- LIGHTING DESIGN
- REVIT AND BIM MODELING

OUR METHODOLOGY

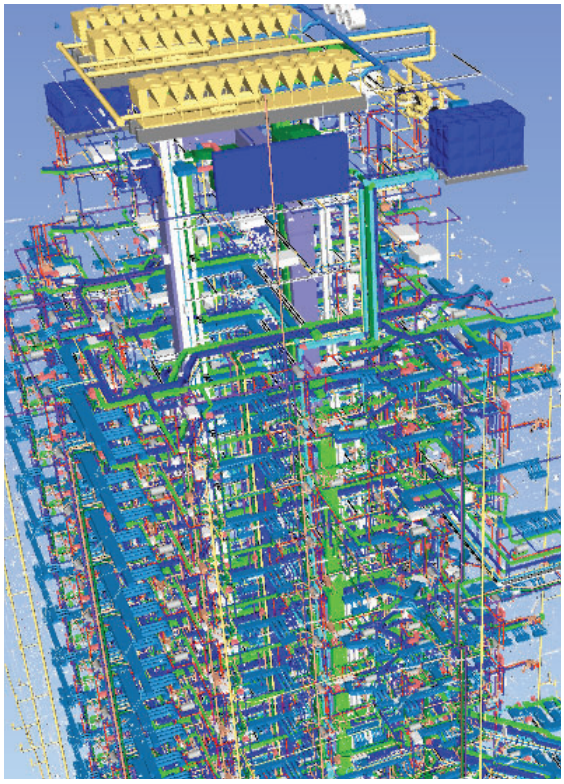
Building on a foundation valuing responsiveness, experience, innovation, and attention to detail – our methodology is a holistic one which encompasses all aspects of a job. From initial scope of work to regional codes & guidelines to the evolving needs of the clients we serve, we practice diligence in decision-making throughout every design phase.

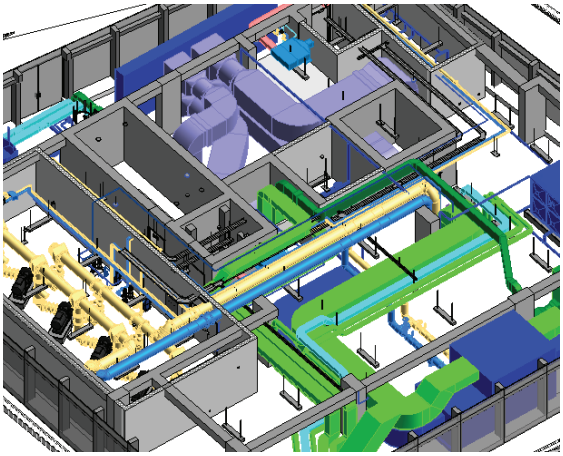
BRINGING INFORMATION TO LIFE

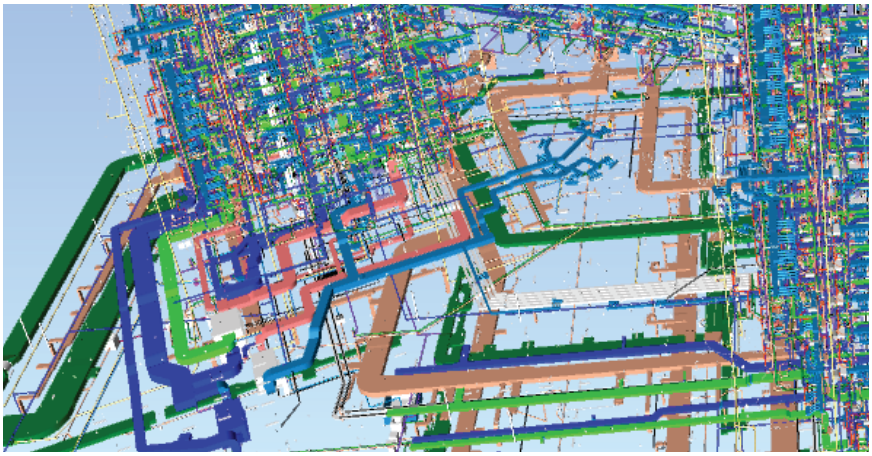
Understanding the details of a project within the context of the client's vision is how we deliver success. Such perception begins with conversation involving key team members and stake holders to discern owner requirements, functions, regional codes and specs, operational requirements, and so much more. We use these conversations to ensure our work reflects the core values of our clients while delivering a structure which delivers a joyful and functional experience for its occupants.

COMMUNICATION AS A PRACTICE

Communicating is the load-bearing practice which holds our projects together and steers them to successful completion for our clients. Whether within our team or with stakeholders, owners, architects and other engineering firms – we know clear vision begins with open dialogue. From the first step when our senior team members hold a feasibility review of collected data and documents, through the project scoping process and initial queries, we communicate as we move our clients forward on the path to success.







OCEANO REVIT Model

DESIGN

Infinity MEP+S provides world-class engineering services for all types of projects utilizing the latest in 3D design systems to integrate the engineering design into the architecture and structure of the building. These methods enable us to provide a cost effective and well-coordinated design, ensuring a smoother construction process.

INCLUDING REVIT MODELS IS OUR **STANDARD.**

COMMERCIAL

We design workplaces that serve as experiential hubs for employee engagement and innovation is a substantial part of our team's portfolio. From ground-up, new construction office buildings to tenant build outs, our team of professionals design and create workplace atmospheres that serve the client and their tenants.

GRUNDFOS AMERICAS HEADQUARTERS

BROOKSHIRE, TEXAS

Infinity was engaged to provide mechanical and plumbing engineering services for the new LEED V4 Platinum certified Grundfos Americas Headquarters located in Brookshire, Texas. The two-story, approximately 49,000 SF building will be comprised of conference rooms, restrooms, a main lobby, office space with open offices and a central plant.

The buildings HVAC systems include magnetic bearing chillers, energy recovery air handling units, VAV terminal units, fan coil units, diffusers, and full building automation controls. The floor by floor cooling and heating systems integrated both underfloor air and a traditional overhead perimeter system.

The team coordinated plumbing designs with HVAC plans to include a 75,000 gallon underground chilled water storage tank and a 100,000 gallon underground rainwater harvesting condensate collection tanks. The system also incorporated designs for fully-fit out restrooms, hot & cold water pipings, sump pumps and storm drainage.

Infinity MEP+S worked in tandem with HAR-Con Mechanical, PGAL and Harvey to support the design and construction of this project. We look forward to continue teaming as we progress on the corporate headquarters.

PROJECT DETAILS

CLIENT: Grundfos Americas

ARCHITECT: PGAL

SIZE: 48,700 SF

COMPLETION: 2021

COST: $22.2 Million

SIGNIFICANT PROJECT FEATURES:

- LEED V4 Platinum
- $455/SF for Construction Cost
- 75,000 Gal. Underground Chilled Water Storage Tank
- 100,000 Gal. Underground Rainwater Collection Tank
- Energy Recovery AHUs
- Underfloor Heating
- Magnetic Bearing Chillers

ME GLOBAL

FREEPORT, TEXAS

The ME Global facility, a $20 Million mission critical pipeline control facility, is located in Freeport, Texas. Operators monitor the plant's systems 24/7 to ensure seamless operations from this facility.

Infinity MEP+S provided the entire building with redundant air handling units and air cooled chillers, with an HVAC system designed around indoor VAV air handlers & thermal units.

Electrical design included Automatic Transfer Switches (ATS) for transition to emergency power with a diesel generator backup system. The plumbing system incorporates a redundant booster pump system with a 3,000 gallon water storage tank and features a water supply system capable of delivering three days of water supply.

Along with facility monitoring, an on-site lab was needed for spot analysis, which required Infinity MEP+S to engineer for a laboratory gas system (with fume hoods) and emergency safety showers.

PROJECT DETAILS :

CLIENT: ME Global

ARCHITECT: Kirksey Architecture

SIZE: 60,000 SF

COMPLETION: 2019

SIGNIFICANT PROJECT FEATURES:

- 375 tons of Air Cooled Chillers
- 3000 Gallon Storage Tank
- Diesel Emergency Generator
- 3 Days of Water Supply
- Laboratory Gas System
- Fume Hoods System for Labs

JLL HEADQUARTERS

HOUSTON, TEXAS

When Jones Lang Lasalle needed an engineering partner for their new Houston headquarters relocation project, they selected Infinity MEP+S Consultants. Their beautiful new headquarters incorporates bold and classic high-end finishes.

A sleek structural steel staircase connecting three floors and included a monument wall which incorporates steel, glass and architectural metal spanning nearly 40 feet in height. Elevator lobbies feature porcelain panels, wood veneer panels and custom light fixtures. The office area is a combination of collaboration areas, work stations and glass front offices. Conference rooms feature customized millwork with back-painted magnetic marker boards.

PROJECT DETAILS

CLIENT: Jones Lang LaSalle

ARCHITECT: HOK

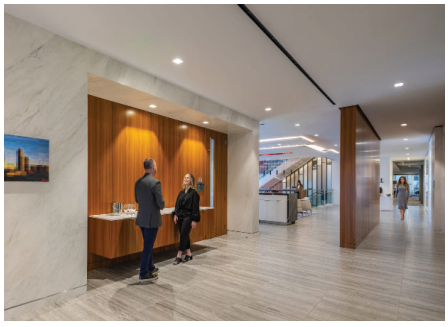
SIZE: 73,000 SF

COMPLETION: 2022

COST: $8 Million

SIGNIFICANT PROJECT FEATURES:

- LEED Gold
- WELL Certified
- LEED & WELL Standards Accepted Upon First Submission
- (3) Floor Office



HIGHER EDUCATION

Infinity MEP+S has been partnering with colleges, universities, and K-12 schools to deliver holistic educational experiences through passionate engineering. Our goal is to deliver structures which foster creativity, learning, and productivity for the lifespan of a building.

Infinity firmly believes that education plays a vital role in our growth as a society and are proud to contribute to the well-being of tomorrow's leaders, today.

TEXAS STATE TECHNICAL COLLEGE

HARLINGEN CAMPUS

HARLINGEN, TEXAS

Our team was asked to provide renovation recommendations to the existing campus infrastructure and new campus expansion of the Texas State Technical College (TSTC) in Harlingen. As part of the renovation effort, our mechanical, electrical, and plumbing teams worked with the architect to provide coordinated equipment replacements and upgrades to the existing buildings to meet the demands of the diverse college departments technical offerings.

A new campus building was studied and proposed for some expanding services and program offerings including technology, health science and administration. The existing campus impacts and future growth plans of the college were high priorities for our design team throughout our conceptual design development.

PROJECT DETAILS

CLIENT: Texas State Technical College

ARCHITECT: Energy Architecture

SIZE:
Building 20PM Renovation – 87,925 SF
Building 200J Renovation – 18,000 SF
Building 200T Renovation – 42,820 SF
New Building – 139,600 SF

COST: Est. $120 Million

COMPLETION: Est. 2025

SIGNIFICANT PROJECT FEATURES:
- (4) Buildings
- Campus Planning
- Existing Infrastructure Renovation
- Projected MEP Loads

UNIVERSITY OF HOUSTON VICTORIA

STEM BUILDING

VICTORIA, TEXAS

Infinity MEP+S provided engineering designs for the Science, Technology, Engineering, and Mathematics (STEM) building at the University of Houston's Victoria campus.

A true STEM building, this 56,464 SF building combined laboratory spaces across the biology, physics, chemistry, organic chemistry, computer science, microbiology, computer engineering and mathematics disciplines. Additionally, this 3-story structure featured classrooms, faculty & staff offices, seminar room, collaborative common space, and an immersive 180-degree smartscreen lab.

Going beyond education, this building serves students by aiding them in their future beyond college by providing career service across the medicine, physical therapy, occupational therapy and other health-related professions.

Infinity MEP+S worked alongside the architect The SmithGroup and the University to ensure that the vision (and mission) for the facility was reflected throughout the design process. Our team is proud to have contributed to the next generation of healthcare innovators & leaders.

PROJECT DETAILS

CLIENT: University of Houston

ARCHITECT: The SmithGroup

SIZE: 56,464 SF

COST: $28 Million

COMPLETION: 2020

SIGNIFICANT PROJECT FEATURES:

- Multi-Discipline Laboratories
- STEM Facility
- Smart Classrooms

UNIVERSITY OF TEXAS

SARAH & CHARLES SEAY BUILDING (SEA)

AUSTIN, TEXAS

Infinity MEP+S was engaged to provide Construction Administration ("CA") for the Sarah & Charles Seay Building Addition. The new addition made it possible to house the Department of Psychology and the College of Liberal Arts in a single, centrally-located campus building.

The University of Texas project management teams requested our team's oversight and collaboration to see the project through to completion.

Infinity was proud to offer our services beyond MEP to the University of Texas System - all while showcasing that our team can bring the same passion to CA as we do to engineering.

PROJECT DETAILS

CLIENT: University of Texas System

ARCHITECT: BSA LifeStructures

SIZE: 32,700 SF

COST: $25 Million

COMPLETION: 2020

SIGNIFICANT PROJECT FEATURES:

- Construction Administration
- Renovation & Addition

HEALTHCARE

Health and wellness is changing everyday to focus more on innovation and experience. Our Infinity MEP+S team is always ready to approach a project with creative implementation of our designed systems that will best serve the facilities, patients and personnel. Continually striving towards innovation and having access to the latest technology to drive that creativity positions the Infinity MEP+S team to serve this industry well.

LYNDON B. JOHNSON HOSPITAL

HOUSTON, TX

Our team is providing MEP and Fire Protection design services for the new Lyndon B. Johnson Hospital - a 1.2 million square foot, 12 story, 600-bed hospital with a Central Utility Plant (CUP) and a multistory mixed-use parking structure serving as the new Trauma Hospital for the Harris Health System.

The CUP will house a total of 9,000 tons of water-cooled chillers, cooling towers, 96 MMBtu condensing boilers, and related distribution pumps. Emergency power needs are addressed with the twin 2.5 MW diesel cogeneration system in tandem with up to four 2 MW natural gas generators. Medium voltage (10,200V) electrical service gears will also be housed in the vault located within the CUP. Sustainability is achieved using heat recovery bundles from the chillers and cogeneration system (which provide heating via the hot water circulation loop), in conjunction with the mechanical heating system. The facility includes a 200,000-gallon domestic water tank as well as tank storage for 48,000 gallons of diesel fuel - providing water and power for up to 72 hours in the event of public utility failure.

A unique parking structure will feature approximately one acre of urban garden space, a farmers market, and event space. Additionally, support for urban farming offices and retail areas will be located within the parking structure.

PROJECT DETAILS

CLIENT: Harris Health System

ARCHITECT: HKS, Inc.

SIZE: 1,200,000 SF Hospital

COST: $1.5 Billion

COMPLETION: Est. 2028

SIGNIFICANT PROJECT FEATURES:

- $150 MM Central Utility Plant (CUP)
- Two 2.5 MW Diesel Cogenerators
- Four 2 MW NatGas Generators
- 90,000 SF CUP
- 10,200V Electrical Service Gears
- 200,000 gallon Domestic Water Tank
- 48,000 gallon Diesel Storge Tank
- 9,000 tons of Water-Cooling Chillers
- 99 MMBtu Condensing Boilers
- 722,800 SF Mix-Use Parking Structure
- 600 Hospital Beds (90 Acute Care)
- BSL3 Isolation Rooms
- Trauma Center & Helipad
- Farmers Market & Event Space
- Urban Garden Space

UT MD ANDERSON CSC

HOUSTON, TX

Infinity MEP+S was engaged to help construct the new Central Service Center (CSC) for MD Anderson Hospital operations. We provided mechanical, electrical, plumbing, and technology designs in two phases.

The new CSC is situated within the Texas Medical Center Campus in Houston, Texas, and is meticulously designed to centralize numerous essential departments into a single state-of-the art 380,000 SF facility.

The new CSC enhances space utilization & operational efficiency by offering secure, temperature-controlled storage for a wide range of hospital operation needs: hazardous materials, tissue storage, and non-hazardous materials. Additionally, a pharmacy, a sterile processing department, and a clinical research department will be housed here, along with a full-service kitchen catering to multiple MD Anderson facilities.

3D Energy Modeling services were also provided by Infinity for building geometry, HVAC systems, construction materials, and the calculation of internal load: thus enabling us to provide an analysis report and recommendations for selecting the most energy-efficient system based on MD Anderson design guidelines to help them meet LEED™ Silver standards.

PROJECT DETAILS

CLIENT: MD Anderson

ARCHITECT: Huitt-Zollars

SIZE: 380,000 SF

COMPLETION: 2023

COST: $112 Million

SIGNIFICANT PROJECT FEATURES:

- Two 1MW Back-Up Generators
- 1,100 Ton Cooling Capacity
- 600 Ton Chiller Plant (Main)
- 500 Ton DX (Whse / Kitchen)
- 5,000 AMP Electrical Service
- 300,000 SF Facility
- Hazmat Chemical Storage
- Redundant IT / Telcom Feeds
- 3D Energy Modeling
- Designed in conjunction with LEED™ Silver guidelines

REUNION REHABILITATION HOSPITAL

PLANO, TEXAS

Joining BSA Life Structures on the developer-led Reunion Rehabilitation Hospital, Infinity provided MEP systems design for a 3-story, 51,300 SF, 48-bed hospital which included private rooms, two therapy gyms with advanced treatment equipment, outdoor therapy areas, isolation rooms, and a host of other amenities. Infinity MEP+S also was able to design for med-gas needs, technology for the nurse call system, a 500 KW emergency generator and all TDHS requirements.

The new, cutting-edge facility sits on a 2.5-acre site offering thorough inpatient physical medicine rehabilitation treatments to patients in the DFW area. From start to finish, the Infinity team worked closely with the client and BSA Life Structures to bring their design vision to life.

PROJECT DETAILS

CLIENT: Reunion Rehabilitation Hospital

ARCHITECT: BSA Life Structures

SIZE: 51,300 SF

COST: $18 Million

COMPLETION: 2023

SIGNIFICANT PROJECT FEATURES:

- (3) Story Freestanding Hospital
- 500 KW Emergency Generator
- Med-Gas
- 48 Patient Rehab Beds
- Two Therapy Gyms

INDUSTRIAL

The industrial market is changing more rapidly now than it has in the past 15 years. The Infinity MEP+S team is always ready to approach a project with creative implementation of our designed systems that will best serve the facilities and personnel. Continually striving towards innovation and having access to the latest technology to drive that creativity positions the Infinity MEP+S team to serve this industry well.

CC CREATIONS

BRYAN, TEXAS

The Infinity MEP+S team was engaged to provide both MEP & Technology design for the largest custom screen printing and embroidery company in Texas.

Construction of the building included production areas for 30x hydraulic presses and ten electric dryers, high-pile inventory space, office space, an embroidery area, and the receiving/ prep/finishing and shipping areas.

Given the high quantity of different production equipment, one of the challenges Infinity faced was the coordination of timing of the utility connections (to reduce cost impact, we limited use of the sand oil separator to match regulations).

While early release packages were lacking, we were still successful in coordinating with Vaughn Construction regarding lead times - ensuring equipment was available and staying diligent in responsive communications with all parties.

Coordinating with both Energy Architecture and Vaughn Construction, Infinity maximized use of High Volume Low Speed (HVLS) fans throughout the production area. Utilizing the additional air distribution provided by the HVLS fans, we were able to reduce the number of rooftop air handling units servicing the production area (while still maintaining the desired comfort levels).

PROJECT DETAILS

CLIENT: CC Creations

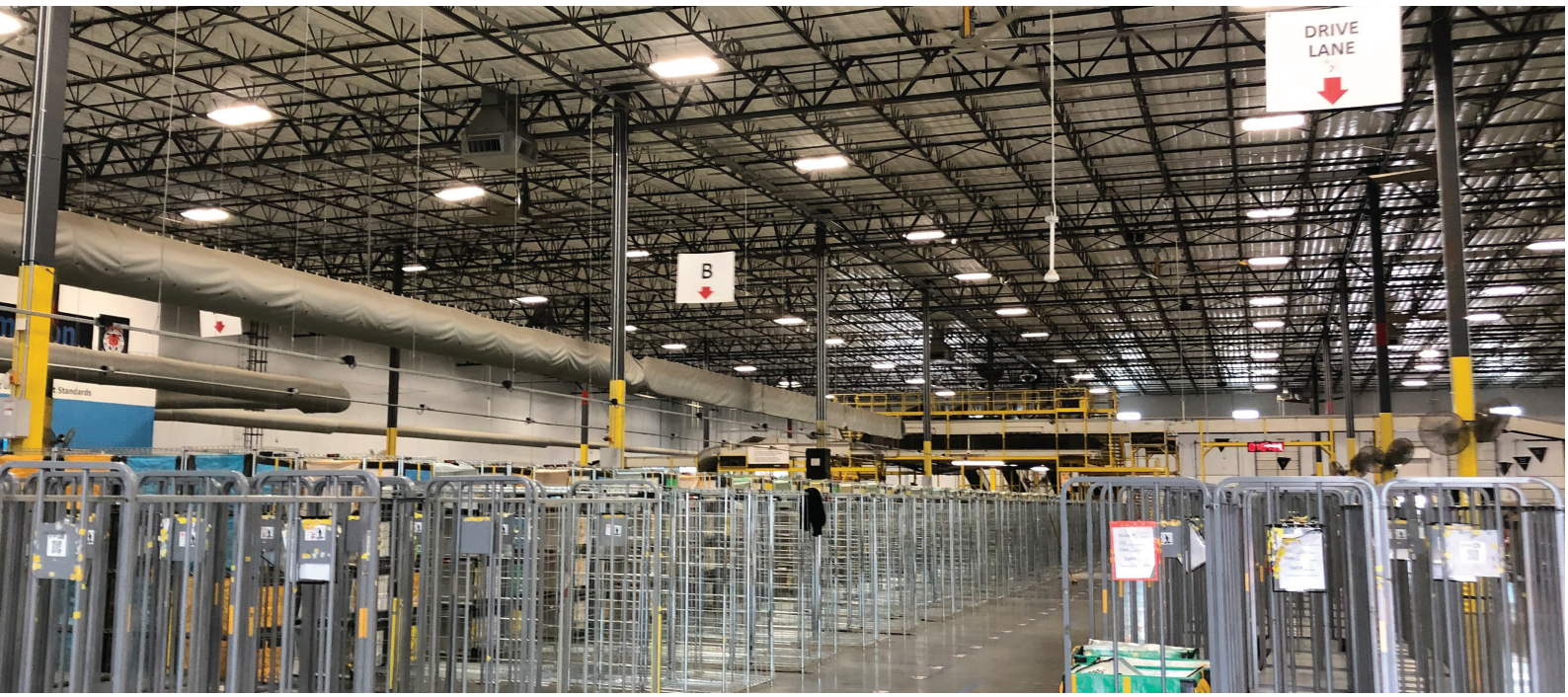
ARCHITECT: Energy Architecture

SIZE: 219,000 SF

COMPLETION: 2023

SIGNIFICANT PROJECT FEATURES:

- Two 100hp Air Compressors
- Sand-Oil Separation System
- Fully Air-Conditioned Facility
- Chilled Water System:
  Served by Two (2) 185-ton Air Cooled Chillers



AMAZON FLEX WAREHOUSE

HOUSTON, TX

The Amazon Flex warehouse in Houston, Texas serves as a base of operations for Amazon's new, innovative driver-centric program. Infinity MEP+S provided mechanical, electrical, plumbing, and structural expertise to upgrade the facility to the rigorous DHO1 US Amazon Facility Upgrade standards.

Air-conditioning the massive space required close coordination between mechanical & structural teams to ensure appropriate support was given for placement of twelve 20-Ton Rooftop Units for optimal cooling.

The Infinity MEP+S structural team designed for strengthened steel bar joists & girders to support this equipment - all while planning the relocation of three High-Volume Low-Speed (HVLS) fans throughout the space to maintain a constant 78° Fahrenheit. Furthermore, new insulation was incorporated into our design to meet IECC requirements for air-conditioned warehouses of this size.

Electrical and Plumbing scope involved providing power and gas supply to the new equipment. A coordinated effort was made by all four highly specialized teams to present the client with fully integrated designs. Our teams met this challenge even in the face of an expedited design schedule and working during the peak of the COVID-19 outbreak.

PROJECT DETAILS

CLIENT: Amazon

ARCHITECT: Method Architecture

SIZE: 100,000 SF

COMPLETION: 2020

SIGNIFICANT PROJECT FEATURES:

- MEP+Structual Design & Coordination
- Twelve 20-Ton Rooftop Air Units
- 3 HVLS Fans
- Contructed during COVID

SERVICE WIRE

HOUSTON, TEXAS

Infinity MEP+S provided MEP design engineering for Service Wire's manufacturing & warehouse facility renovations in Houston, Texas in conjunction with Powers Brown Architecture. Comprised of manufacturing space, warehouse and administration areas, Infinity worked to provide fully integrated and creative design solutions to enable Service Wire to continue fulfilling their customer commitment to producing quality-made products.

Given that sustainability was key for Service Wire in their manufacturing process, our team designed a water reclamation system that allowed for water filtration and re-use during the wire & cable making process (further enhanced with a rainwater harvesting system). Air compressor systems and chilled water for manufacturing needs were added elements the Infinity team engineered into the overall design.

Furthermore, Infinity's mechanical team incorporated a process cooling system, air rotation units, and High Volume Low Speed (HVLS) fans to optimize cooling. The electrical system consisted of 12,000 AMP, a natural gas emergency generator, power factor correction, and a cable tray system designed to serve the needs for Service Wire.

Finally, fire pump design from our fire protection system experts were optimized for a manufacturing facility of this size.

PROJECT DETAILS

CLIENT: Service Wire

ARCHITECT: Powers Brown Architecture

SIZE: 286,200 SF Manufacturing (21,929 SF Office & Admin)

COMPLETION: 2021

COST: $16 Million

SIGNIFICANT PROJECT FEATURES:

- 12000 AMP Electrical
- Water Reclamation System
- Natural Gas Emergency Generator
- Rainwater Harvesting System
- HVLS Fans

GULF COAST GROWTH VENTURES.

MULTI-BUILDING CAMPUS

CORPUS CHRISTI, TX

Exxon/Sabic's Gulf Coast Growth Ventures (GCGV) facility is a $120 million dollar, multi-building, oil & gas mixed-use complex comprising an administration building, control center, laboratories, fire station, and a maintenance & warehouse servicing facility. The Infinity MEP+S team provided engineering services across the campus and its various, highly-specialized buildings.

The 100,000 SF administration & control facility is a three-story, 24/7/365 operations center complete with reductant cooling systems, UPS, diesel generator, robust VAV air handling & conditioning systems, shelter-in-place amenities and data center equipment rooms. Designed to serve as the controls operations for an entire refinery (alongside serving as an operations & maintenance hub), the GCGV represents a truly state-of-the-art feat of engineering designed to LEED Certification standards.

The 25,000 SF product sampling laboratory consists of three individual labs with a total of 28 fume hoods, 70 GCs, presses, snorkels and advanced laboratory equipment. Redundant laboratory exhaust fans (each rated to 15,000 CFM) operate in conjunction with Honeywell's Phoenix Control System for precision control & monitoring of air change rates. Building temperatures are optimized via redundant VAV air handling units with chilled water and an electric reheat system.

The 130,000 SF maintenance & warehouse facility incorporates a two-story office, electronic labs, maintenance bays and hazmat storage for Class A materials. Air conditioning for the operations offices utilize VAV air handling systems with fan-powered terminal units on the perimeter and pinch-down VAV terminal units on the interior.

Campus buildings are cooled by a centralized chilled water system consisting of three 300 ton chillers each with its own 450 GPM water pump. Energy-efficient variable flow systems provide chilled water (42°F) through underground piping to each of the major buildings. The facility is equipped with a 2 MW emergency diesel generator which will supply back-up power in the event of a power outage.

OWNER
Exxon / Sabic

ARCHITECT
Gensler

SIZE
100,000 SF Administration
25,000 SF Laboratory
130,000 SF Maintenance/ Warehouse
13,000 SF Fire Station

COST
$120 Million

COMPLETION
2020

HIGHLIGHTS
- LEED Certification
- 900 Ton Chilled Plant
- Three 300 Ton Water Chillers
- 2 MW Emergency Diesel Generator
- 450 GPM Chilled Water Pump
- Redundant 15000 CFM Lab Exhaust Fans
- Centralized Undergound Chilling System
- VAV Air Handling Systems

RESIDENTIAL

Designing living spaces with an eye towards bringing our passion of engineering to the communities living in them, Infinity MEP+S Consultants has been delivering extraordinary designs which elevate the lives of those who call these structures home.

With experience ranging from luxury high-rise residential and master-planned communities to student housing and affordable living, Infinity brings knowledge, creativity, and passion to our human-first designs.

OCEANO

AL MARJAN ISLAND

RAS AL KHAIMAH, UAE

Infinity MEP+S is providing MEP, security & technology, fire & life safety, and acoustical design services for this new ultraluxe 17-story residence overlooking the Al Marjan Island beachfront.

Infinity's designs will be utilized across 205 residential units, parking areas, and a mixed-use ground floor allocated for retail as well as food & beverage tenants. Technology designs will encompass ICT & Security Systems, Data, TV, telephony, CCTV and enhanced Access Control for residents and tenants alike.

Going beyond design, Infinity will be supporting the Construction Administration ("CA") phase. Our CA process involves prompt responses to RFIs, shop drawing reviews and coordination with the general contractor, architect, and end-user.

Construction will begin in 2024 and is expected to complete within a 34-month time frame.

PROJECT DETAILS

CLIENT: The Luxe Developers FZ

ARCHITECT: Dewan Architects + Engineers

SIZE: 860,617 SF

COST: $409 Million

COMPLETION: 2026

SIGNIFICANT PROJECT FEATURES:

- Smart Technology Design
- Fire & Life Safety Design
- Acoustic Design

ELMIRA AT MYRTLE

SAN ANTONIO, TEXAS

Elmira at Myrtle is the first San Antonio multi-family development for Austin development firm, Sabot Development. Our team was engaged to work alongside the owner and architect (Gensler) to help the project come to fruition. The new, mixed-use building will be a feature in Downtown San Antonio's Pearl District and we are excited to participate in the development of this vibrant project. The 479,000 square foot, 11-story high-rise building will be comprised of 319 multi-family units (some of which will be rentable, hotel-style), 14,000 sf of retail space (aimed to host innovative tech and co-working areas), and a 4-story parking garage with branded way-finding. Amenities for the building include a gym with a wellness and spa area, outdoor pool deck, coffee shop, indoor and outdoor community areas, dog park and bike room.

Our early involvement in the project allowed our mechanical, electrical and plumbing design teams to provide input into how to best incorporate the MEP designs. The retail spaces will be core and shell to allow the future build-out flexibility. Since the development will qualify as a high-rise our mechanical team is ensuring that the necessary pressurization fans are included to meet code requirements.

We are thrilled to be a part of the development of the Historical Pearl District in Downtown San Antonio with this project and look forward to seeing it's progress.

PROJECT DETAILS

CLIENT: Sabot Development

ARCHITECT: Gensler

SIZE: 479,000 SF, 319 Units

COMPLETION: In Design, Est. 2023

SIGNIFICANT PROJECT FEATURES:

- High-Rise, Mixed-Use Development
- Gym & Wellness Spa
- High Efficiency Floor Plans
- Rentable Hotel Units
- Outdoor Pool Deck, Bike Room, Community Areas, Dog Park and Washing Station

DOMAIN PARK 8

HOUSTON, TEXAS

Infinity MEP+S Consultants was engaged to provide the Mechanical, Electrical, Plumbing, Structural, and IT/ Data/ Security design on the Domain Park 08 Multi-Family project in Houston, Texas. The new ground-up project was part of the larger Park 08 development and comprised of two (2) buildings. The planned 390 room multi-family project will tie into the development's central plant and the HVAC system will utilize chilled water for the cooling of each room. Horizontal fan coil units will be used to serve each space. The plumbing system utilized a gas-fired central boiler system to provide the hot water to each unit. Six (6) transformers will provide the power to the site. Infinity MEP+S also was selected to provide the IT/ Data/ Security design for the project. The five-story buildings will be construction of wood and shall include multiple pedestrian bridges connecting the adjacent parking garage to our project.

The Infinity MEP+S team works stringently to ensure that our clients receive the highest standard of service taking regional and geographical differences into mind when providing our designs. Coordination with the mechanical sub-contractor and owner was critical to the success of the project moving forward on schedule and on budget.

PROJECT DETAILS

CLIENT: CityStreet Residential

ARCHITECT: SDC Architects

SIZE: 365,000 SF

COMPLETION: 2023

SIGNIFICANT PROJECT FEATURES:

- Chilled water Residential HVAC systems
- Centralized Residential Hot Water Boiler System
- MEP and Structural Design
- IT/Data/ Security Design

CIVIC, PUBLIC & MUNICIPAL

Municipal buildings often serve various functions, from administrative offices to community centers and public facilities. A strategic design approach ensures that our systems are designed to align with the client's broader goals, whether it's sustainability, energy efficiency, cost-effectiveness, or public safety.

PERRYTON CITY HALL

PERRYTON, TEXAS

Our team was called to help restore the existing 18,000 SF City Hall building that was severely damaged in a tornado. We provided Mechanical, Electrical and Plumbing Design for the office building, courthouse, fire response station, and police station. Areas within the facility included a file room, storage rooms, bathrooms, conference room, lounge, fire station bedrooms, fire station bathrooms, and other supporting rooms. HVAC design included 22 tons of DX-split systems located in the basement for the original build and 21 tons of packaged roof top units for expansion. Our electrical team designed systems using 800 Amp electric service and a 125 KW natural gas generator.

The intent of this project was to rebuild the building back as it was designed in the drawings provided, plus bring it up to current codes. Our engineers successfully completed the job for the City of Perryton, and were happy to play a role in restoring their City Hall building.

PROJECT DETAILS

CLIENT: City of Perryton

ARCHITECT: PGAL

SIZE: 19,000 SF

COMPLETION: 2024

SIGNIFICANT PROJECT FEATURES:

- Tornado Restoration
- 1155 CFH Gas Service for HVAC
- 800 Amp Electric Service
- 125 KW Natural Gas Generator
- 6-Ton DOAS Unit
- Occupancy/Vacancy controlled LED Lighting

CLUTE FIRE & EMS STATION

CLUTE, TEXAS

The team was engaged provide a competent Texas licensed Mold Assessment Consultant (MAC), working under the direction of an American Board of Industrial Hygiene to perform a site assessment & sampling activities services for this Fire & EMS station. Included in the assessment was a visual inspection, air & surface sampling for mold spores, building materials moisture assessment, thermal imaging, indoor air parameters, adenosine triphosphate screening, and suspect asbestos-containing materials.

Our project manager was responsible for overseeing all duties of the hygienist performing the site assessment and coordinating the senior technical review of documentation and reporting.

PROJECT DETAILS

CLIENT: JL Solutions Mechanical

SIZE: 15,100 SF

COMPLETION: 2020

SIGNIFICANT PROJECT FEATURES:

- American Board of Industrial Hygiene Assessment
- Adenosine Triphosphate Screening
- Thermal Imaging

NORTHLAKE CHURCH

LAGO VISTA, TEXAS

The Infinity team was engaged provide mechanical, electrical, and plumbing designs for the ground-up Northlake Church in Lago Vista, TX. This project encompassed various areas such as a worship center, classrooms, flexible spaces, reception and entry hall, stage, sound booth, coffee shop and kitchen, playrooms, and a two-story wing with ten classrooms and a double-height flexible area. Additionally, our scope included designing outdoor recreation spaces, a splash pad, and side yards.

The team was also engaged to support through the Construction Administration phase. Our CA process involved prompt responses to RFIs, shop drawing reviews and coordination with the general contractor, architect, and end-user.

PROJECT DETAILS

CLIENT: Sixthriver

SIZE: 34,000 SF

COMPLETION: Est. 2023

SIGNIFICANT PROJECT FEATURES:

- Ground-Up Construction
- Classrooms
- Coffee Shop and Kitchen

RETAIL, FOOD & BEVERAGE

Infinity MEP+S Consultants delivers thoughtful MEP+S designs for retail spaces that encompass what it means to provide a remarkable customer experience. Our level of efficiency reflects the knowledge, experience, and creativity to we put into all types of retail projects.

TALYARD BREWING

SUGAR LAND, TX

Our team was engaged to provide security and technology systems for the construction of a new 15,000 SF brewhouse, tap room and restaurant on a 3.5-acre site. Included as a part of the tech design were systems for wired data networks, wireless data networks, audio/video systems, video surveillance, and access control for the parking and base building. The Structured Cabling System (SCS) consists of network fiber optic and copper cabling as required to support all systems throughout the facility.

The team was also engaged to support through the Construction Administration phase. Our CA process involved prompt responses to RFIs, shop drawing reviews and coordination with the general contractor, architect, and end-user.

PROJECT DETAILS

CLIENT: Talyard Brewing Co.

ARCHITECT: Gensler

SIZE: 15,000 SF

COMPLETION: 2024

SIGNIFICANT PROJECT FEATURES:

- Security & Technology Design

SUGAR LAND RETAIL CENTER

SUGAR LAND, TEXAS

Our team was engaged to provide mechanical, electrical and plumbing design for the Sugar Land Retail Center. The new mixed-use development is made up of a 10,210 SF restaurant, a 8,130 SF grocery store and approximately 7,370 SF of retail space.

The project required the team to coordinate with other engineers working on the project. Our team provided rooftop AHU loading to the structural team to ensure success for future C+S weight zones. The HVAC equipment for the project will be provided to each building under the future tenant fit-out design. Plumbing systems were inclusive of hot and cold water piping, sanitary, vent and storm drainage systems. The team also estimated the grease trap size for the future restaurant and grocery. Electrical design systems included normal power, circuiting and powering of the lighting, fire alarm and security systems.

PROJECT DETAILS

CLIENT: GSA

ARCHITECT: Gensler

SIZE: 26,000 SF

COMPLETION: 2020

SIGNIFICANT PROJECT FEATURES:

- Core & Shell
- Restaurant TI
- Multi-Tenant

OJO DE AGUA

HOUSTON, TX

Infinity MEP+S was thrilled to help design Mexico City's very own Ojo de Agua. This restaurant is the company's first Texas location and it joins the sprawling River Oaks District of Houston, TX. Accompanied by Collaborate Architects, our team provided the MEP designs to bring this vibrant spot to life.

The 3,200 SF restaurant boasts health-focused cuisine, a bar, a spacious outdoor terrace area, a side patio that offers a hidden retreat behind tall greenery, all emerged in a contemporary aesthetic inspired by its Latino roots. We are pleased to have worked on such a unique addition to the Houston restaurant scene.

PROJECT DETAILS

CLIENT: Ojo De Agua

ARCHITECT: Collaborate

SIZE: 3,200 SF

COMPLETION: 2023

SIGNIFICANT PROJECT FEATURES:

- Full MEP Design
- Restaurant TI

ARTS AND ENTERTAINMENT

Arts and entertainment facilities, including theaters, concert halls, museums, and studios, have unique requirements. These venues need precise acoustical engineering, optimal lighting design, advanced climate control, and robust safety systems to create an environment that enhances the performance and patron experience. Infinity MEP+S excels in understanding and meeting these specific needs for our clients

ALAMO ARTS COLLECTION BUILDING

SAN ANTONIO, TEXAS

The two-story, 24,000 square feet Alamo Exhibition Hall & Collections Building was built on the grounds, to the east of the Gift Shop in the Alamo gardens. It includes a state-of-the-art curatorial environment for the hundreds of historic items in the Alamo's possession, as well as an additional 10,000 square feet of exhibition space that increases the amount of available square footage dedicated to displaying an expansive collection of documents and objects relating to the world-famous Texas Revolution battle by 500 percent, most notably The Phil Collins Collections.

The facility, which opened on the Alamo grounds in 2023, has been prudently designed so its construction will not obstruct the breathtaking view of the Church from Alamo Plaza.

PROJECT DETAILS

CLIENT: Alamo Arts Collection Museum

ARCHITECT: Gensler

SIZE: 24,000 SF

COST: $50 Million

COMPLETION: 2023

SIGNIFICANT PROJECT FEATURES:

- Art Collection
- Art Storage
- Climate Controlled Rooms
- Art Restoration Laboratories

RIVER OAKS THEATRE & LEO RESTAURANT

HOUSTON, TEXAS

Our team was engaged to provide MEP design for the renovation of this local piece of Houston history. The first floor consists of an auditorium, concessions, a dining area, ticket booths and restrooms. The second floor consists of a private theater, a bar and restrooms, and the third floor contains two auditoriums.

The team was also engaged to support through the Construction Administration phase. Our CA process involved prompt responses to RFIs, shop drawing reviews and coordination with the general contractor, architect, and end-user.

PROJECT DETAILS

CLIENT: Star Cinema Grill

ARCHITECT: Gensler

SIZE: 16,945 SF

COMPLETION: 2023

SIGNIFICANT PROJECT FEATURES:

- Full MEP Design
- Historic Landmark

SOUTHSIDE COMMONS

BELLAIRE, TEXAS

Infinity MEP+S was engaged to provide design services for the award winning Southside Commons, a mixed-use retail, restaurant,and medical office development in Bellaire, Texas.

The project included design services for a two-story existing facility with surface parking, 38,450 sf of new core and shell medical offices, the relocated Palace Lanes bowling alley, 11,835 SF of core and shell for retail tenants, a new fully fitted lobby, and exterior and parking lighting power.

Infinity was responsible for the design of the HVAC systems to include RTUs, AHUs, VAVs, ductwork and diffusers as well as plumbing design, electrical engineering design, the design of the fire protection sprinkler system and construction administration. We are excited to see this project as it develops in the coming months.

PROJECT DETAILS

CLIENT: Triple Crown Investments

ARCHITECT: Tramonte Design Group

SIZE: 79,000 SF

COMPLETION: 2021

SIGNIFICANT PROJECT FEATURES:

- 2021 Landmark Award Nominated
- Core & Shell
- Medical Office
- Restaurant
- Entertainment Venue
- Base Building MEP

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