

The logo for DesignEdge, featuring the company name in a blue, sans-serif font with a stylized blue swoosh and a grid of blue squares to the right.

DesignEdge

Where Infrastructure Design Meets Digital Intelligence

www.dznedge.com

COMPANY PROFILE



ENGINEERING



DESIGN



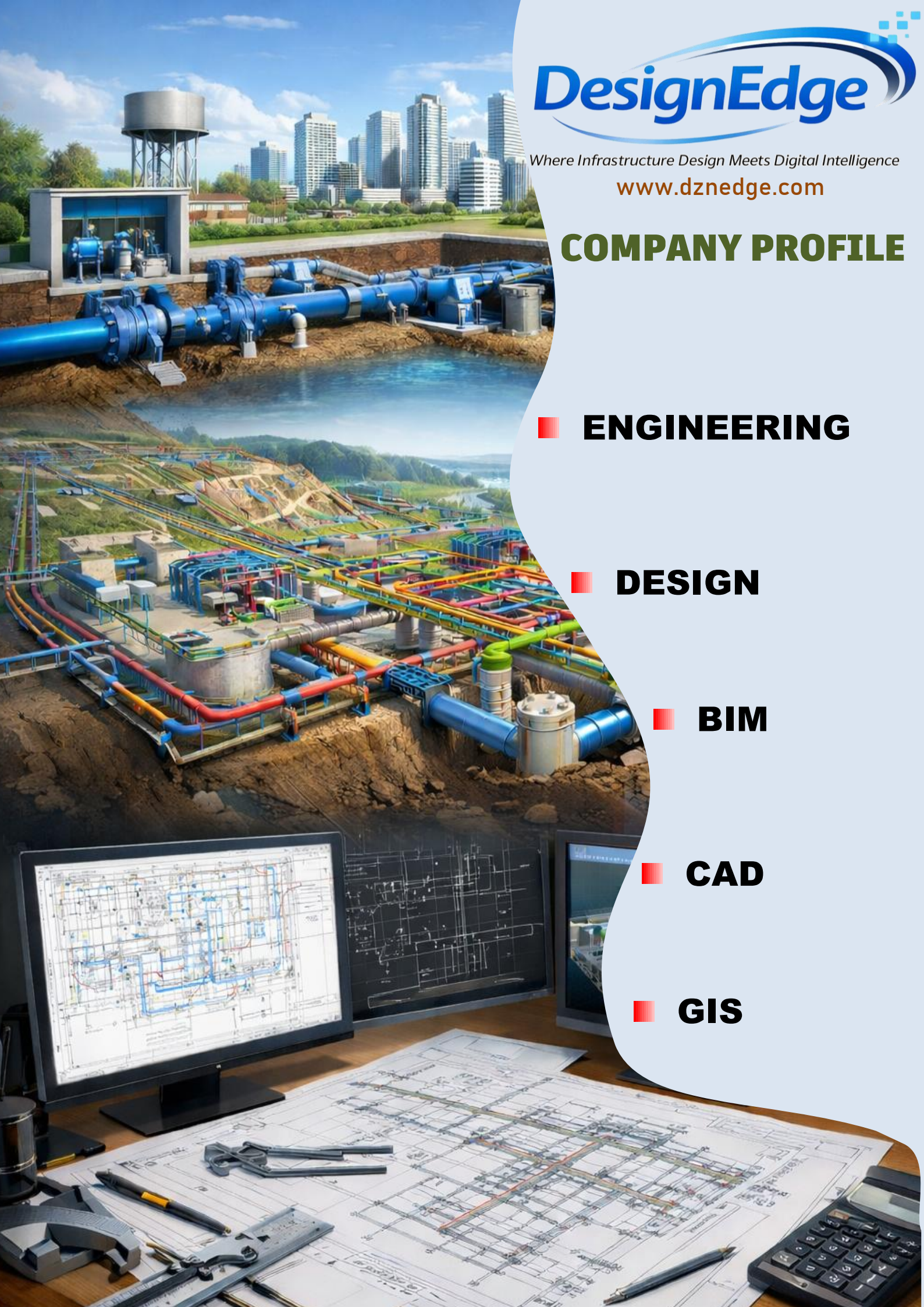
BIM



CAD



GIS



ABOUT | DESIGNEDGE CONSULTING L.L.C

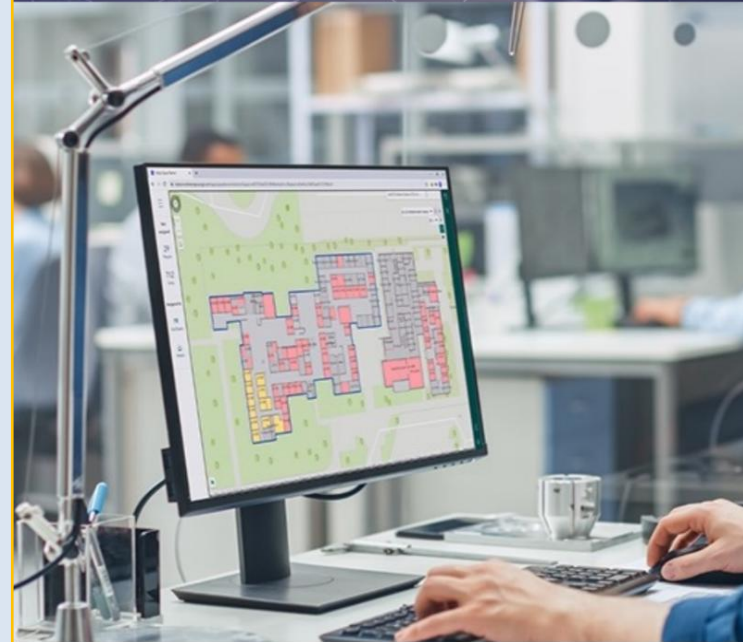
Design Edge Consulting is a specialized infrastructure design company providing Engineering solutions, BIM, GIS, and CAD services. We combine engineering expertise with digital technology to deliver accurate, efficient, and sustainable infrastructure designs. Our approach helps clients reduce execution risk, improve project delivery, Assets building & management.

Our Engineering Design services

- ✚ Enabling works design
- ✚ Water Solutions - Hydrology and Hydraulics
- ✚ BIM Services
- ✚ GIS and CAD Services
- ✚ Drone Survey & Data Processing

OUR MISSION

To deliver precise, reliable, and high-quality services to our clients by leveraging advanced tools, technologies, and industry best practices



SERVICES | ENABLING WORKS & WATER SOLUTIONS

Enabling works design

Bulk grading designs (Civil 3D)

- Cut and Fill quantities estimation
- Longitudinal and Cross section Profile creations

Water Solutions Design Services

Potable water Transmission and Distribution

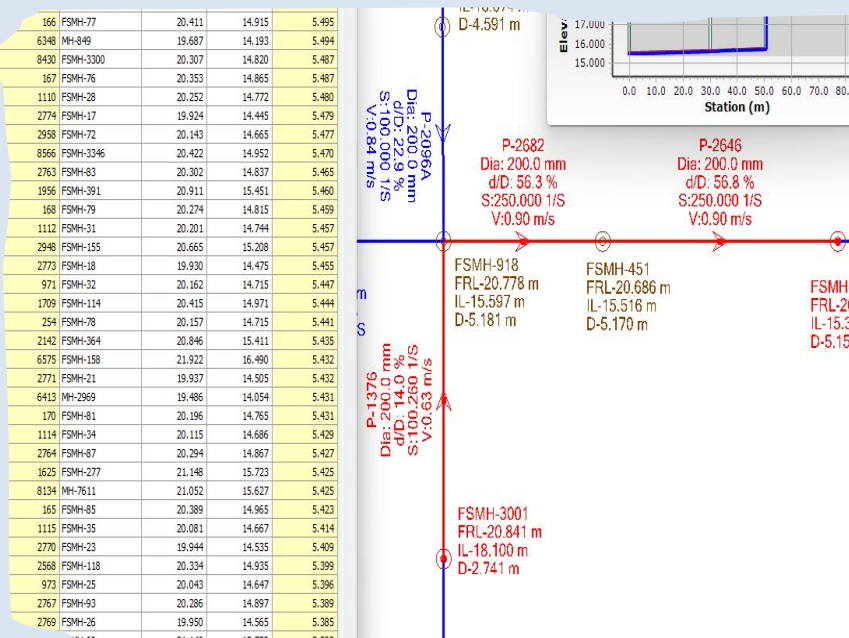
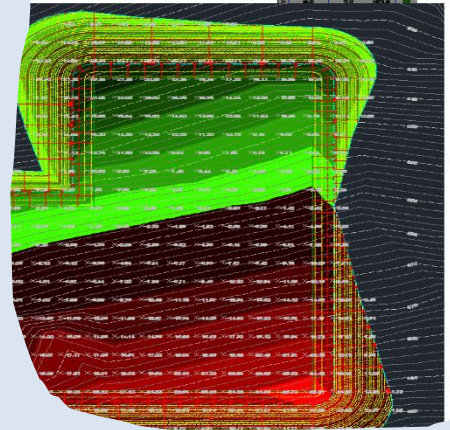
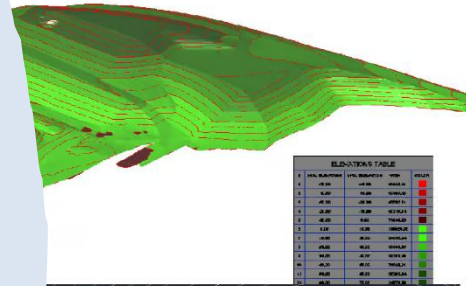
- Hydraulic studies
- Water balance calculations
- Stagnation Studies
- Network Criticality studies
- Hydraulics studies for commissioning of networks
- Hydraulics of Pumping station design
- Surge Analysis

Recycled water Transmission and Distribution

- Network Criticality studies
- Hydraulics of Pumping station and Force main design
- Surge Analysis

Sewage conveyance network and disposal

- Average and Peak discharge capacity studies (Mixed use and Industrial)
- H2S concentration studies
- 1D and 2D hydraulic modeling
- Hydraulics of Pumping station and Force main design



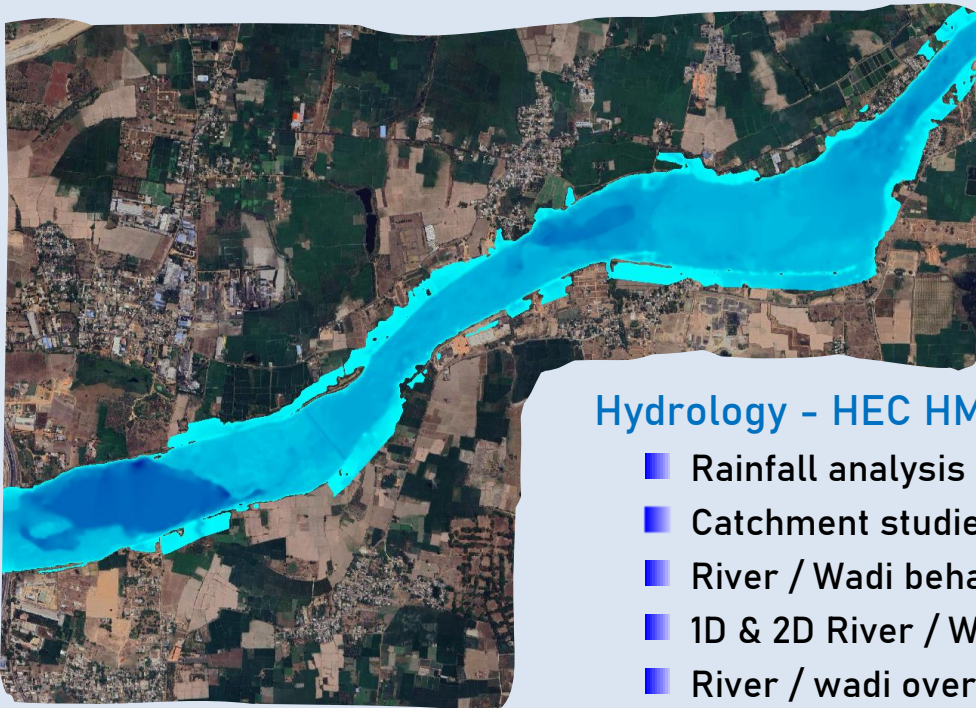
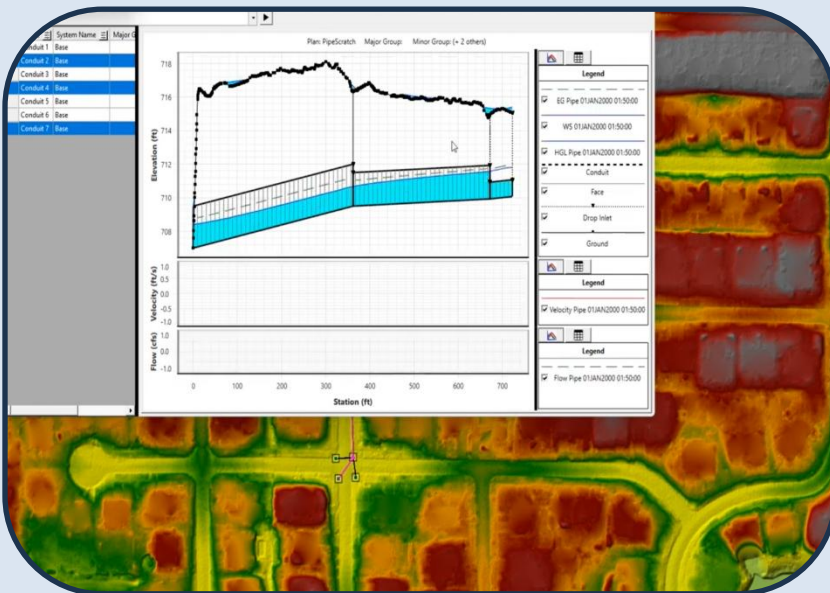
Water Solutions Design Services

Storm water collection, conveyance and disposal

- Urban storm water modelling
- Open channel, structured conveyance, Swales and structured collection system.
- Storm water holding tank / pond design
- Storm water outfall design
- Hydraulics of Pumping station and Force main design

Irrigation water primary network

- Network Criticality studies
- Pumping station and Force main design as per softscape design
- Surge Analysis



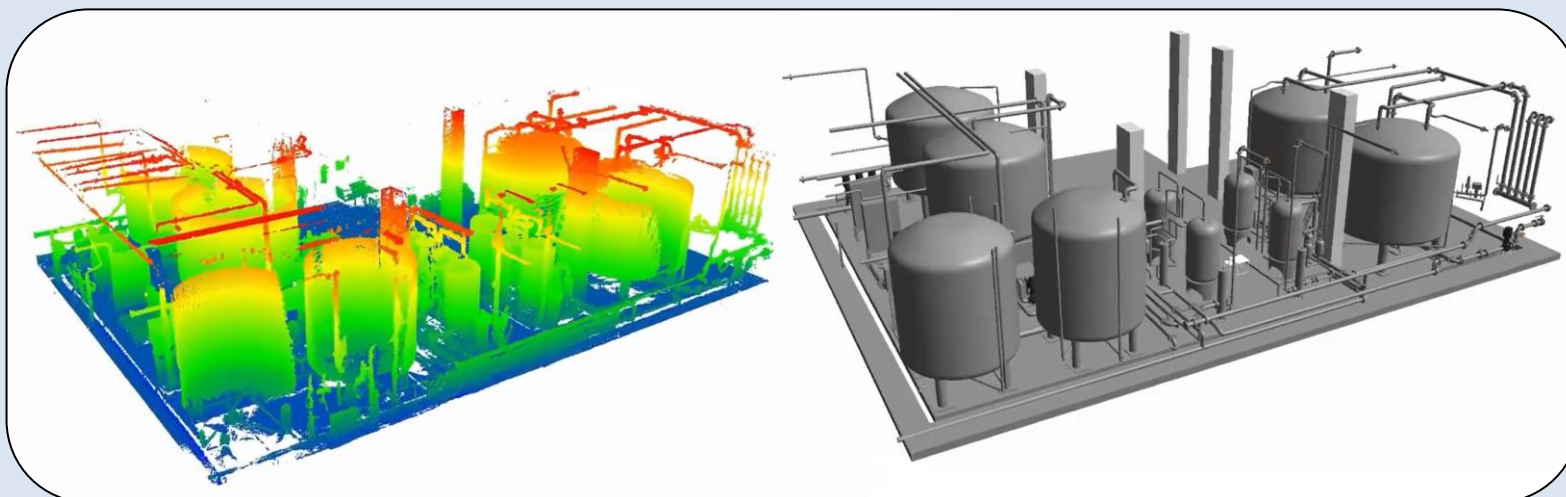
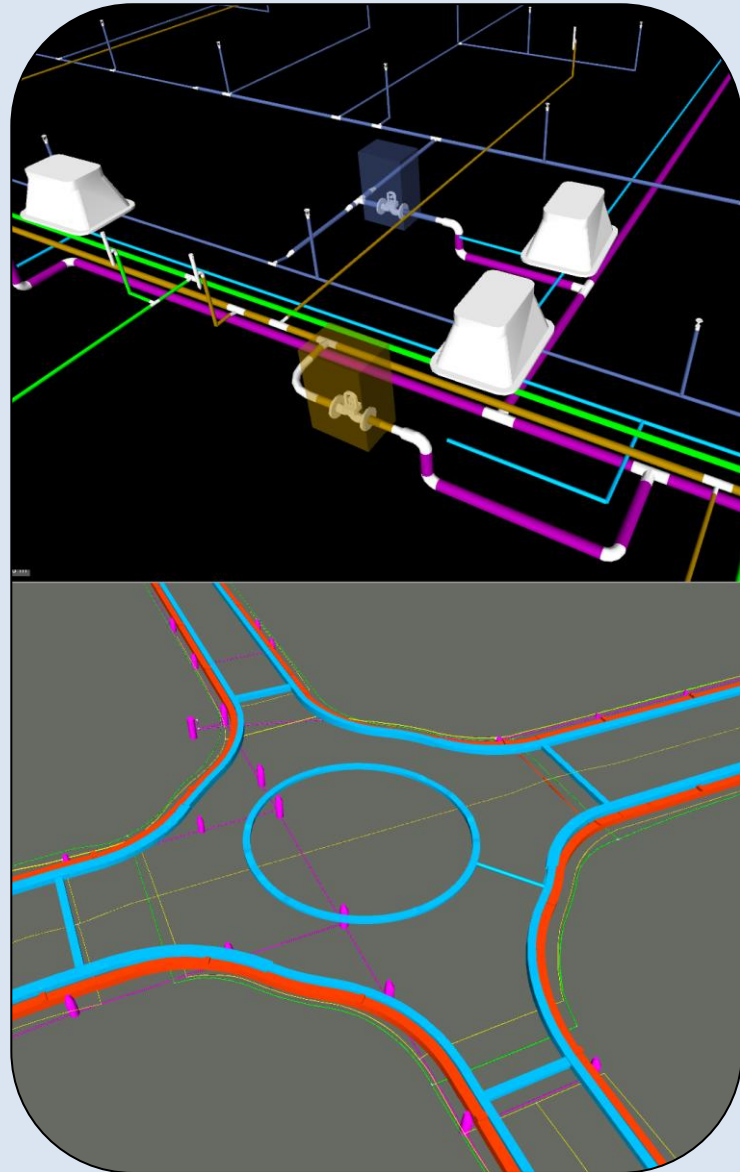
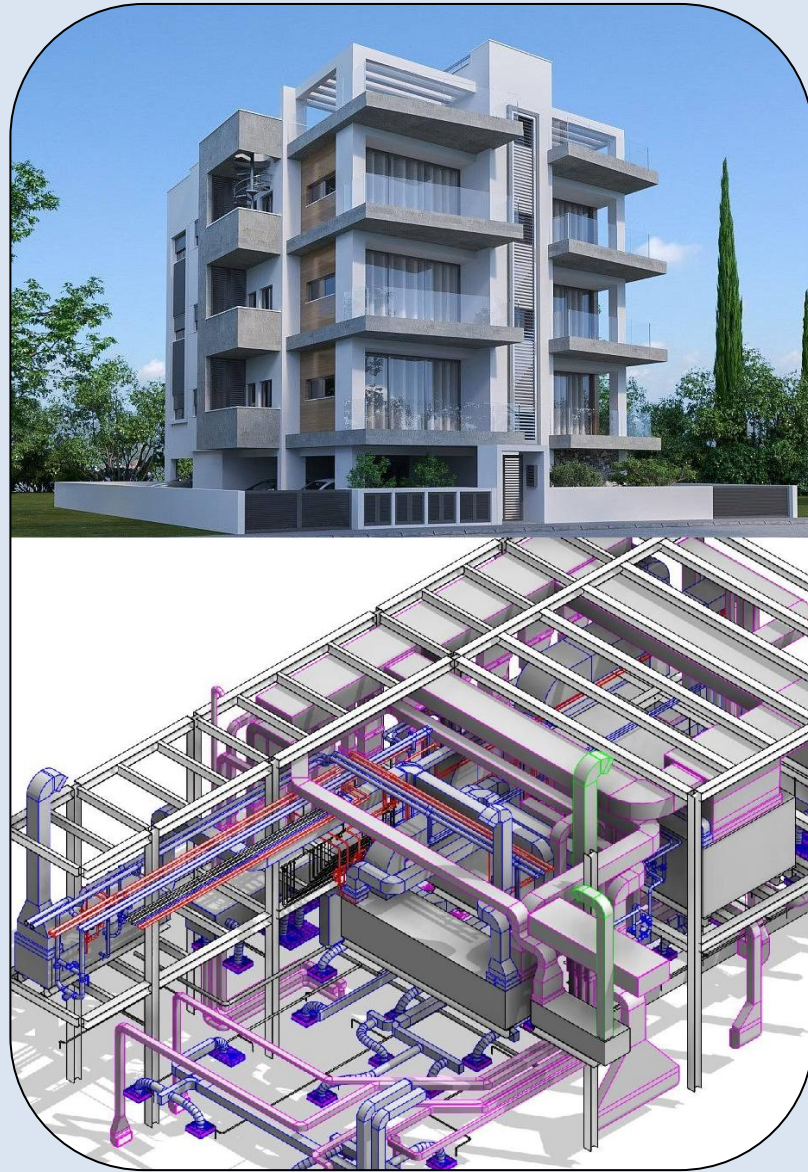
Hydrology - HEC HMS and HEC RAS

- Rainfall analysis
- Catchment studies and classifications
- River / Wadi behavior studies
- 1D & 2D River / Wadi alignment modelling
- River / wadi overflowing / flood modelling

SERVICES | BUILDING INFORMATION MODELING (BIM)

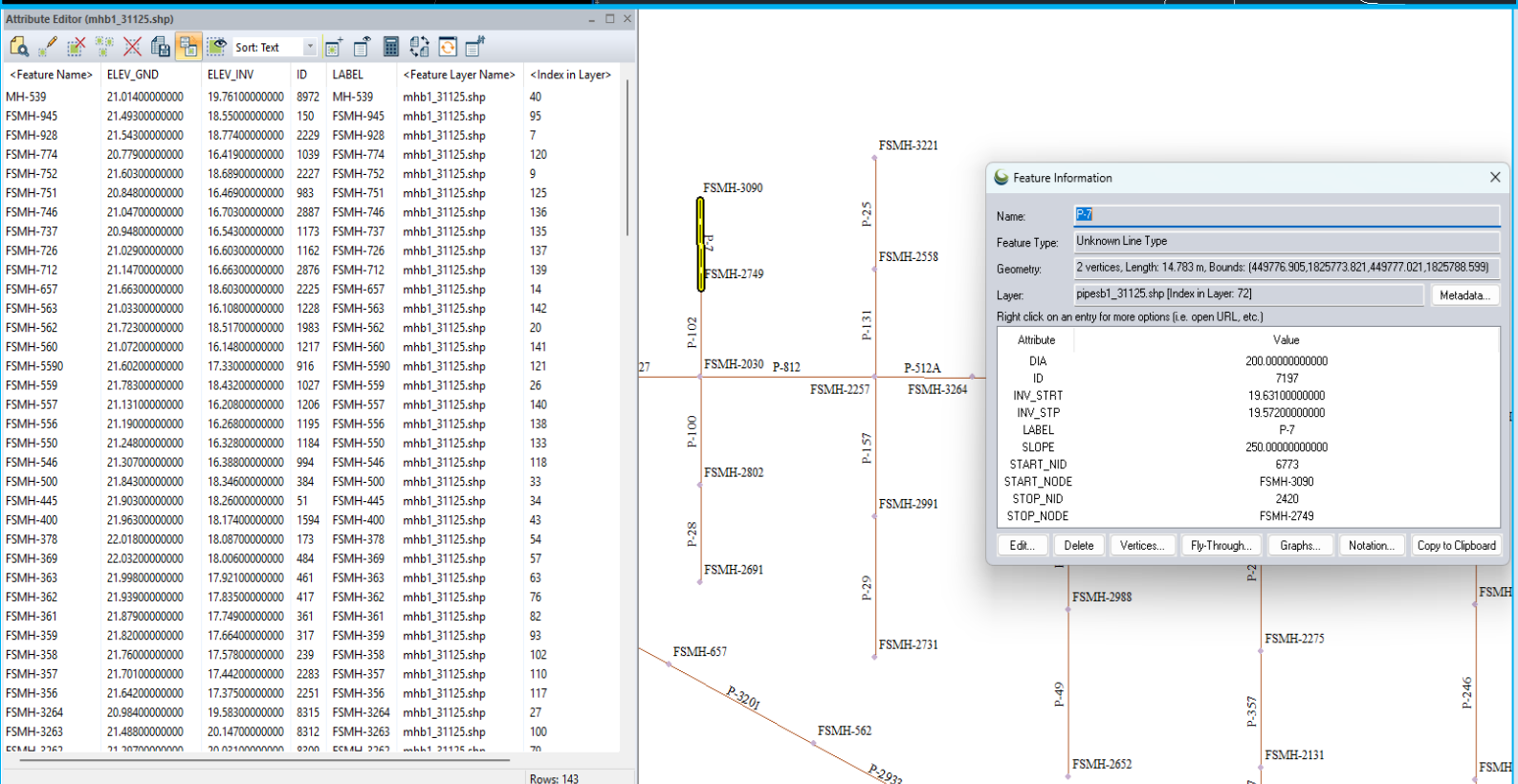
BIM SERVICES

- Concept to asbuilt BIM Modelling for Buildings
- Concept to asbuilt BIM Modelling for Infrastructure Networks (Roads, Wet, Dry and Landscape)
- Existing buildings / utilities buildings to BIM by Scan to BIM conversion.



CAD and GIS Services

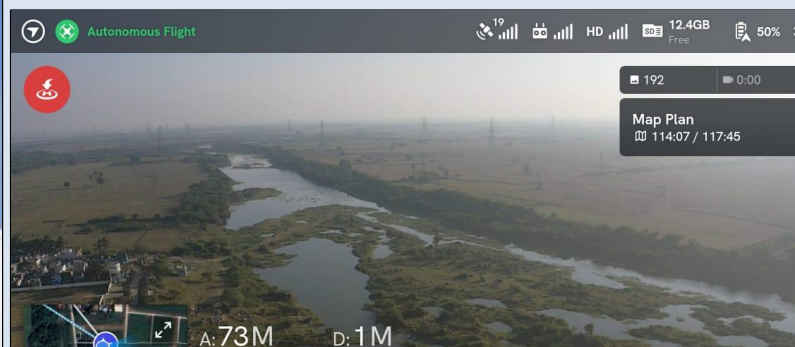
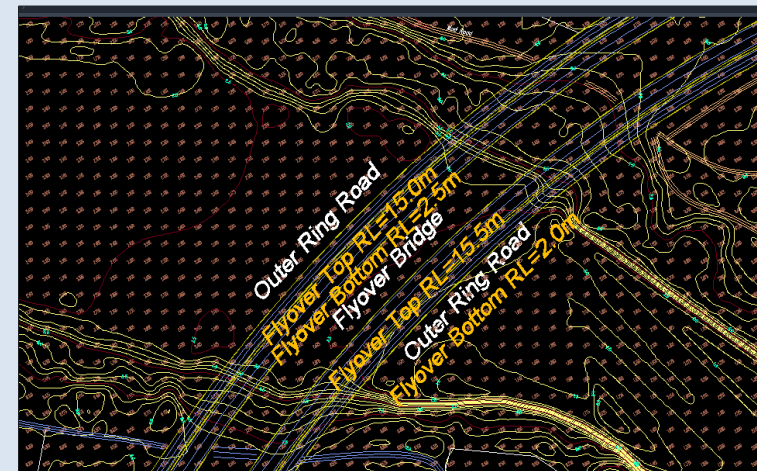
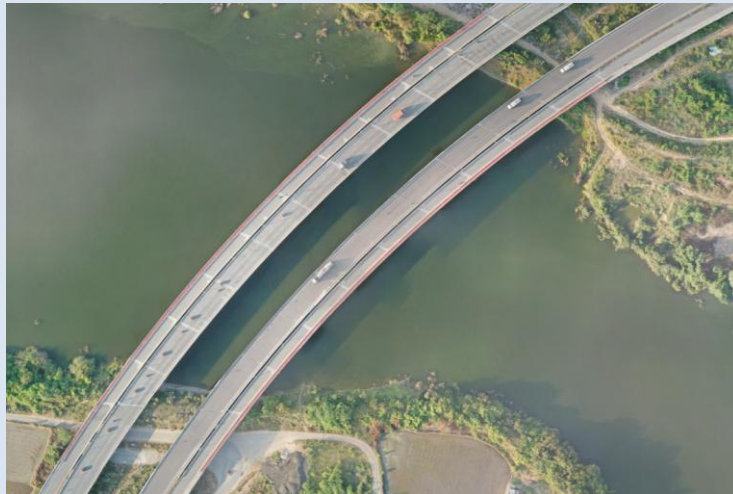
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SERVICES | DRONE SURVEY & DATA PROCESSING

Drone Survey & Drone Data Processing Services

- Image & LiDAR data acquisition using Drones
- Processing Drone Data and Prepare Topographic Surveys
- Prepare Volumetric analysis and calculations using Drone Data
- Prepare Cadastral and GIS maps using Drone Data



RESOURCES | TEAM & CONTACT DETAILS

TEAM

Our team comprises highly qualified engineers and technicians across multiple disciplines, including Environmental Engineering, Water Resources, GIS, Structural, and Geotechnical Engineering. With this multidisciplinary expertise, we are fully equipped to deliver practical, reliable, and effective solutions tailored to the needs of each new client

INFRASTRUCTURE

Our official premises are technically equipped with all kind of resources such as suitable work spaces, systems, software, Hardware, data security & Backup mechanisms etc. required to execute the projects with utmost quality as per the agreed timelines.



CONTACT US



Where Infrastructure Design Meets Digital Intelligence

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