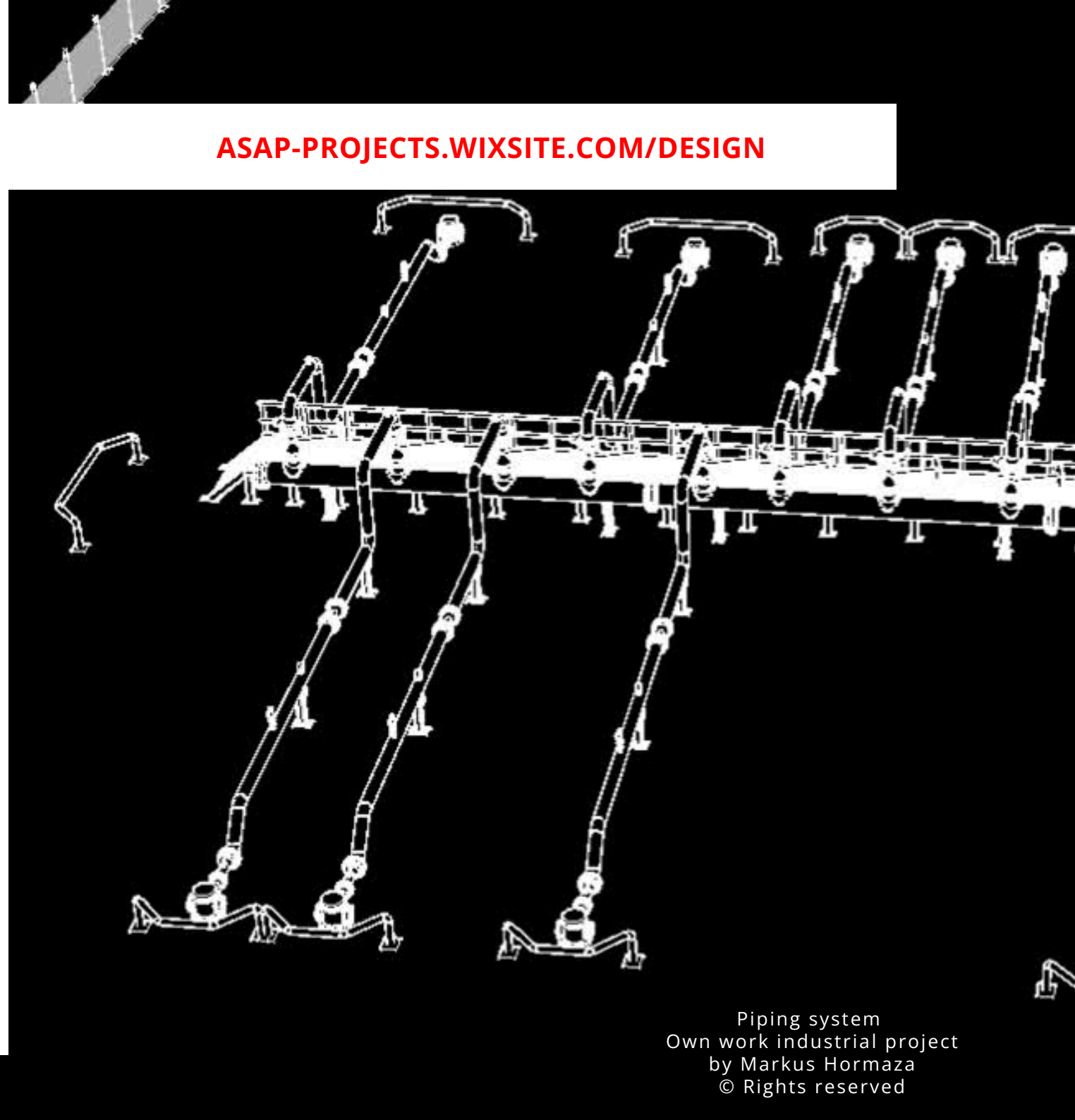


ASAP-PROJECTS.WIXSITE.COM/DESIGN

SERVICES

**DRAWING & 3D MODELING
PIPING DESIGN
CAD-BIM MANAGEMENT
REDLINE DOCUMENTATION
AS-BUILT DOCUMENTATION
3D PRINT**

Brochure



Piping system
Own work industrial project
by Markus Hormaza
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ASAP PROJECTS

SCOPE

Provision of multidisciplinary drafting and design projection services for the design and construction phases in Architecture and Engineering projects, as well as other related technical consulting activities.

We are available for 50 working hours per week in a Freelance capacity, according to the [UTC] timezone of Colombia.

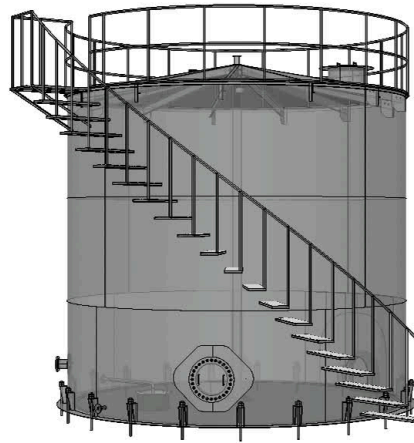
MISSION

To establish remote assistance for professional development and project management in Architecture, Engineering, and Construction, through CAD/BIM implementations, with high technical standards and in the shortest possible time.

VISION

To consolidate a world-class Freelance CAD-BIM management platform, with a distinguished track record and experience in the fields of Architecture, Engineering, and Construction [AEC], enabling it to become the best alternative of its kind, with the goal of providing quality, trust, and support for your projects.

DRAWING & 3D MODELING

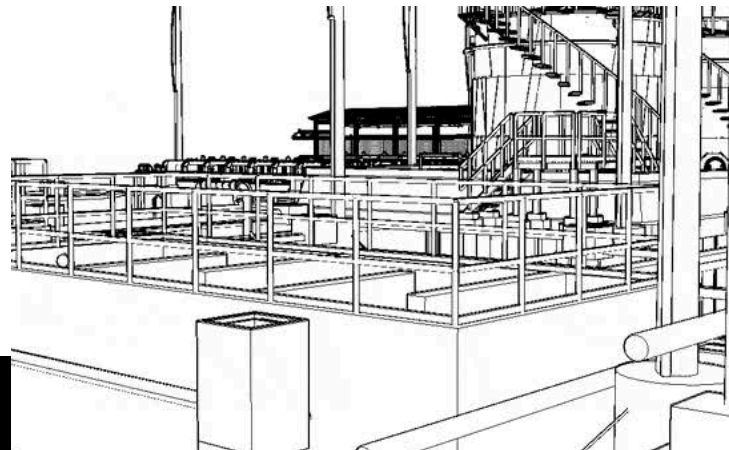


We develop standardized designs for fluid transportation systems, integrating Plant 3D, CADWorx Plant, and AI to optimize spool prefabrication.

We apply regulations and standards to ensure quality in the design of hydraulic, sanitary, fire protection, industrial process systems, and more.

We generate 3D models, orthographics, isometries, and precise documentation for collaborative and automated environments.

CAD-BIM MANAGEMENT

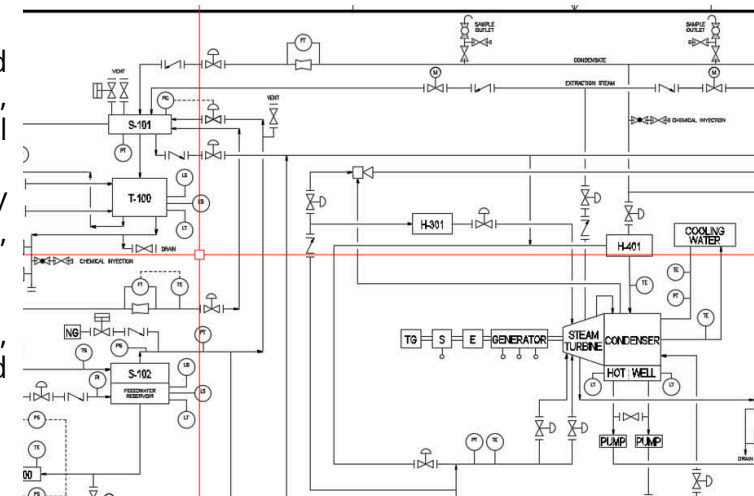


We develop and manage multidisciplinary prototypes and graphic information for buildable projects, integrating advanced technologies such as artificial intelligence, immersive modeling, and CAD-BIM automation.

We optimize our technique through research and innovation, incorporating industry standards and adaptive methodologies.

We apply parameterization and digital precision processes for efficient, interoperable, and scalable management in collaborative environments and digital transformation.

PIPING DESIGN



We implement CAD/BIM management with specialized software to handle large volumes of 3D information, resolving clashes, synchronizing interoperable data, and extracting graphical documentation for AEC projects.

We facilitate real-time collaborative work, optimizing design to minimize rework, costs, and time in construction, operation, and maintenance.

ASAP PROJECTS

TECHNICAL

We implement standardized processes for the creation of diagrams, 3D models, RedLine and As-Built documentation, schematic animations, details, orthographics, isometries, and detailed technical documentation.

By integrating artificial intelligence, we optimize design, modeling, and CAD-BIM management, enhancing coordination throughout all project phases.

Our methodology guarantees precision, efficiency, and adaptation to the specific requirements of each client and engineering stage.

SPIN-OFF'S

<https://asap-projects.wixsite.com/design/spin-offs>

LINKEDIN

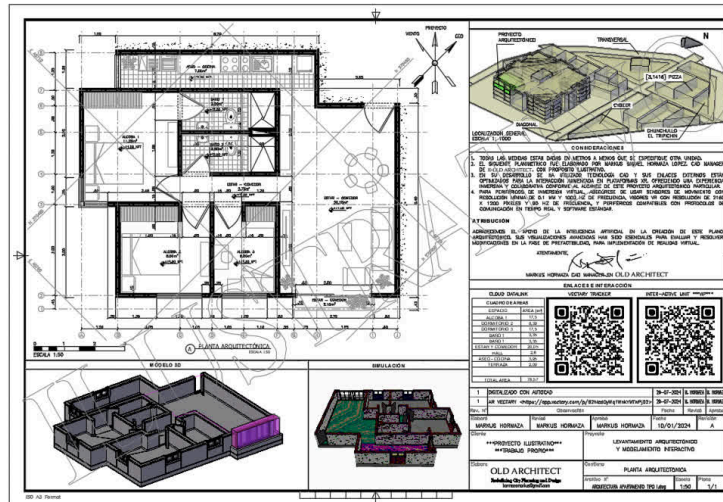
<https://www.linkedin.com/in/markushormaza/>

We collect and technically validate construction information, recording dimensional, photographic, and technical data using measurement and review tools.

We issue construction revisions, marking adjustments and resolving RFIs to ensure modifications comply with the design.

We integrate these records into specialized software to generate 3D models and structured documentation, consolidating a detailed report that supports project traceability.

AS-BUILT DOCUMENTATION

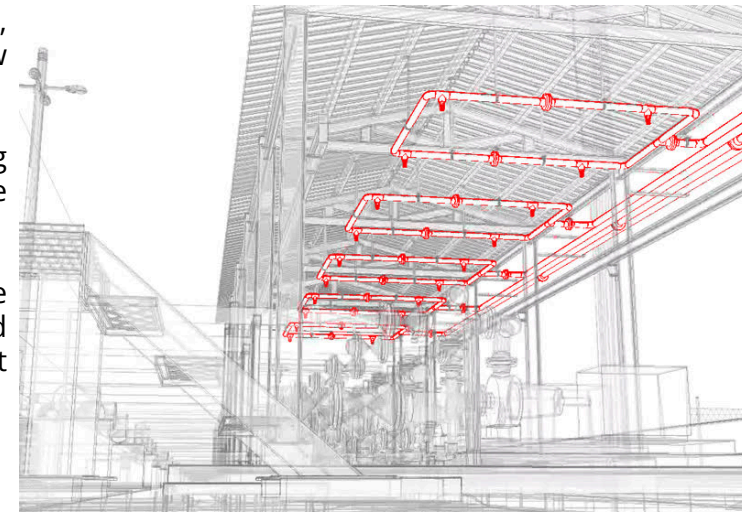


We implement 3D printing for the materialization of prototypes and scale-standardized models, optimizing project review and cost estimation for clients.

We generate CAD files optimized for additive manufacturing, enabling geometric validation, error detection, and adjustments before execution.

This process facilitates precise visualization of volumetry, assemblies, and construction details, ensuring technical and functional coherence throughout the project development.

REDLINE DOCUMENTATION



We develop multidisciplinary As-Built documentation under CAD standards, consolidating digital and physical information for the project's final delivery. We update 3D models, diagrams, plans, isometries, and material lists, integrating on-site modifications to accurately reflect the built reality.

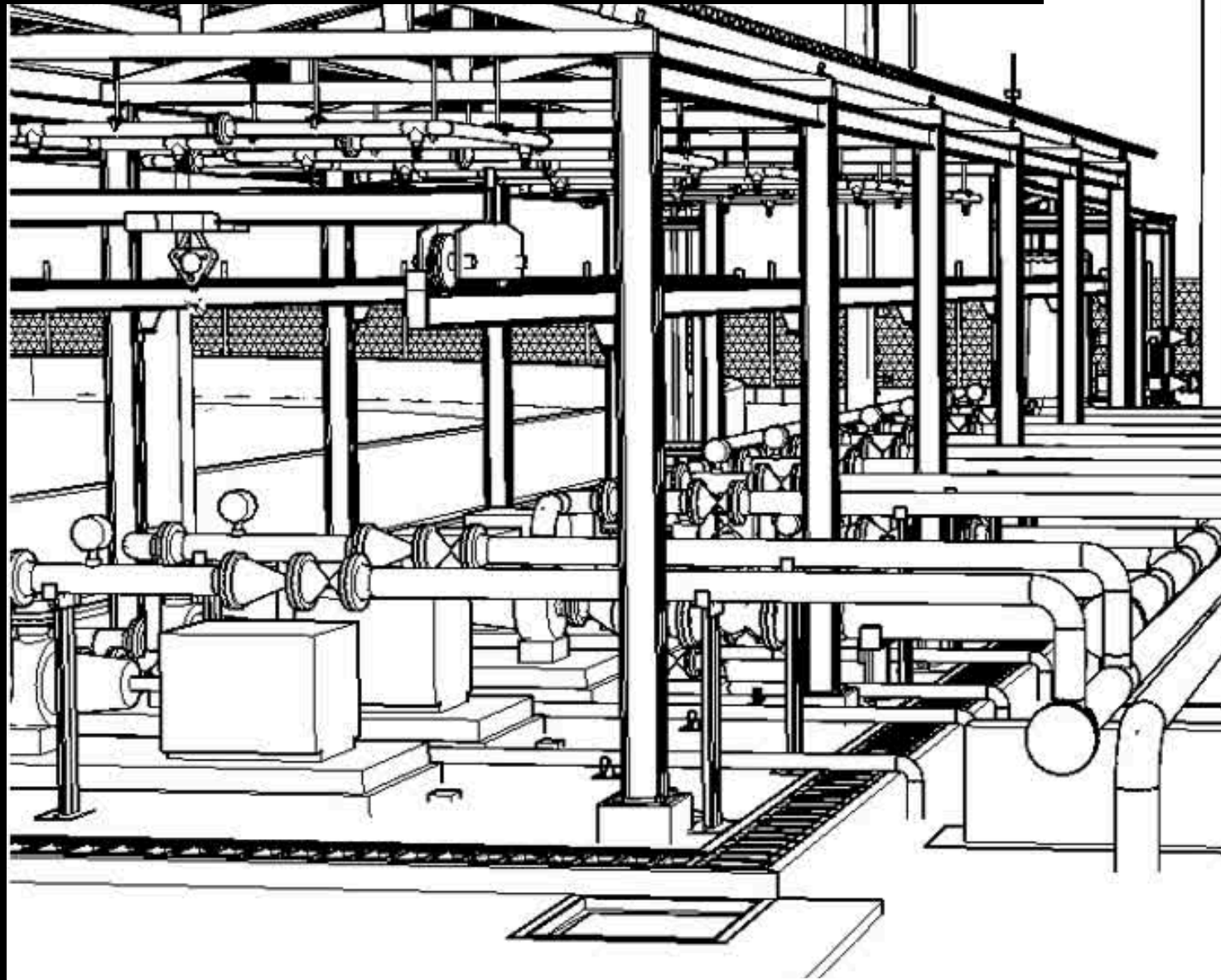
We generate the Construction Dossier, optimizing traceability through plotting and structured documentation for efficient management and maintenance.

3D PRINT



ASAP PROJECTS
CAD-BIM for AEC projects

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Brochure

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