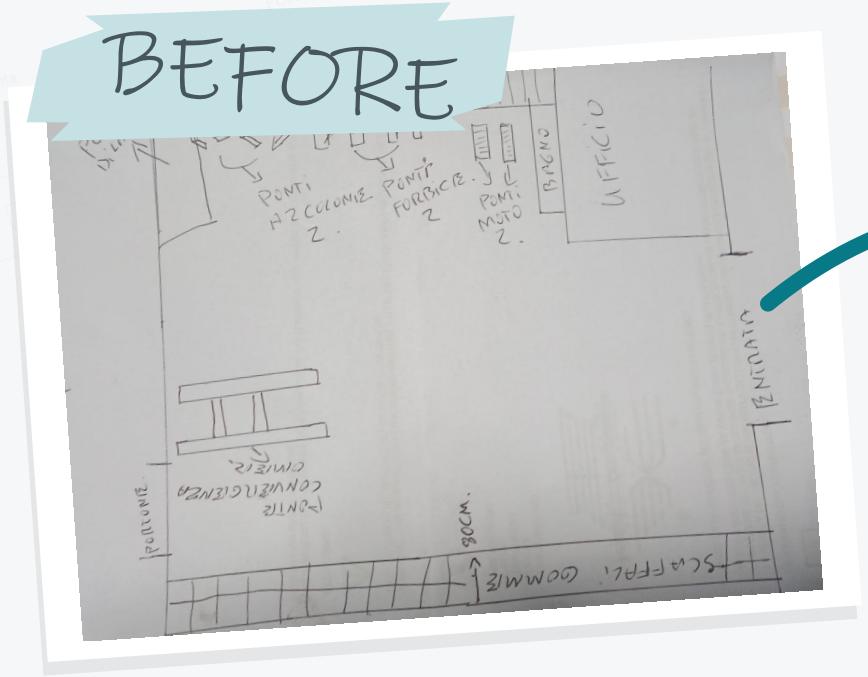
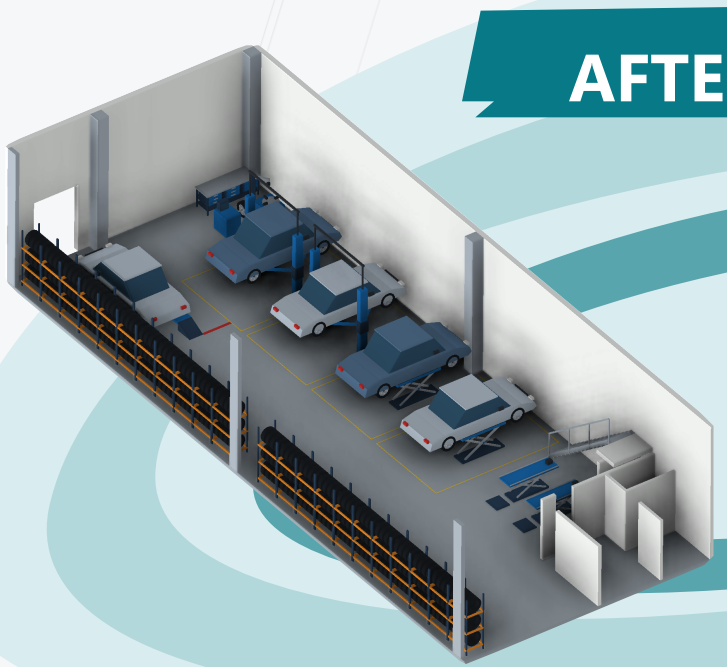
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AI-ASSISTED ENGINEERING

From sketch to digital design

Ideas become editable 2D files, 3D models and project documentation





01 **FROM IDEA TO DIGITAL**

02 **EDITABLE 3D MODELS**

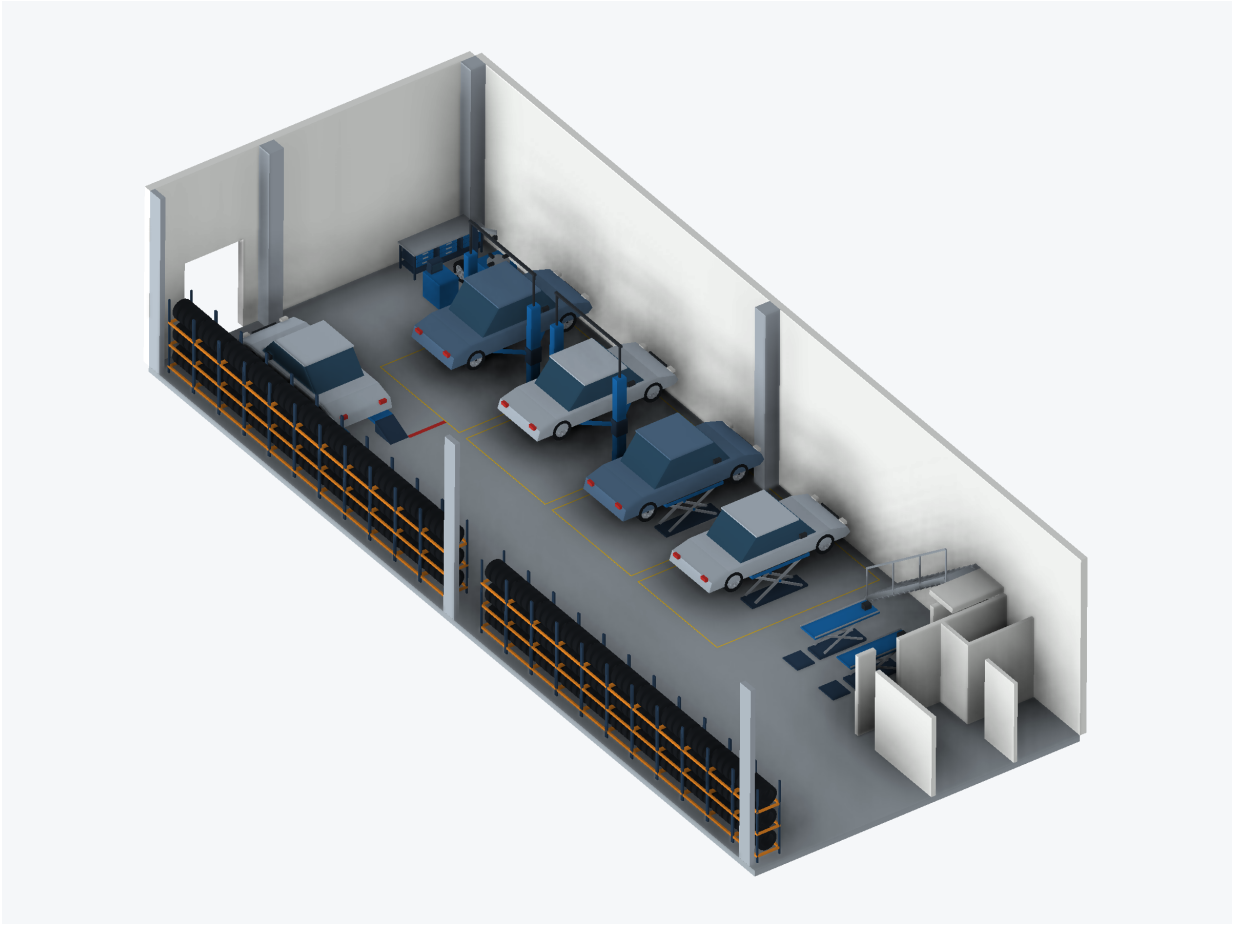
03 **TAILORED SOLUTIONS**

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From a sketch to a digital project

Even without the original CAD file

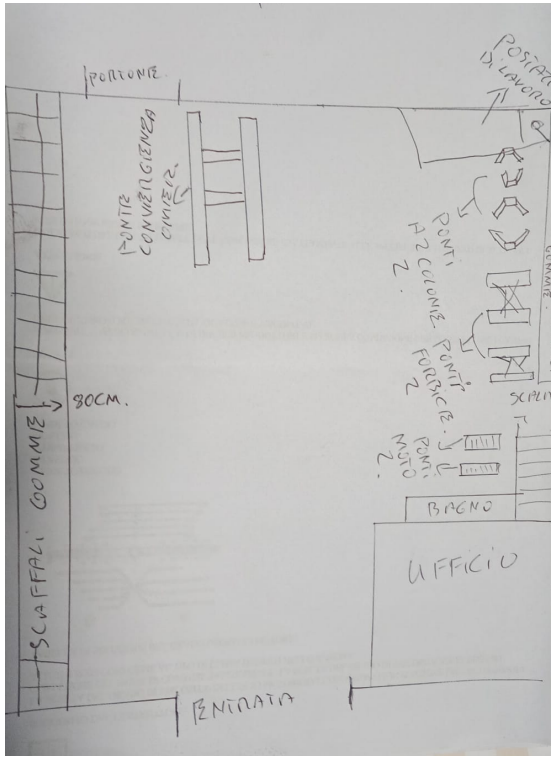
With AI support, a sketch and a PDF can become a 2D drawing, a 3D model and project documentation.



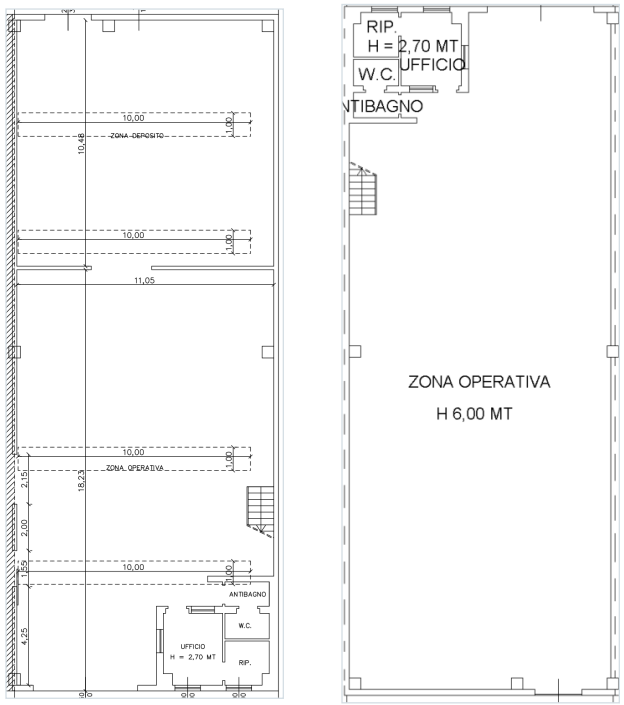
A REAL-WORLD PROJECT, PRESENTED THROUGH ITS IMAGES

You can start with paper, too

A PHOTOGRAPHED SKETCH



A DRAWING AVAILABLE AS A PDF



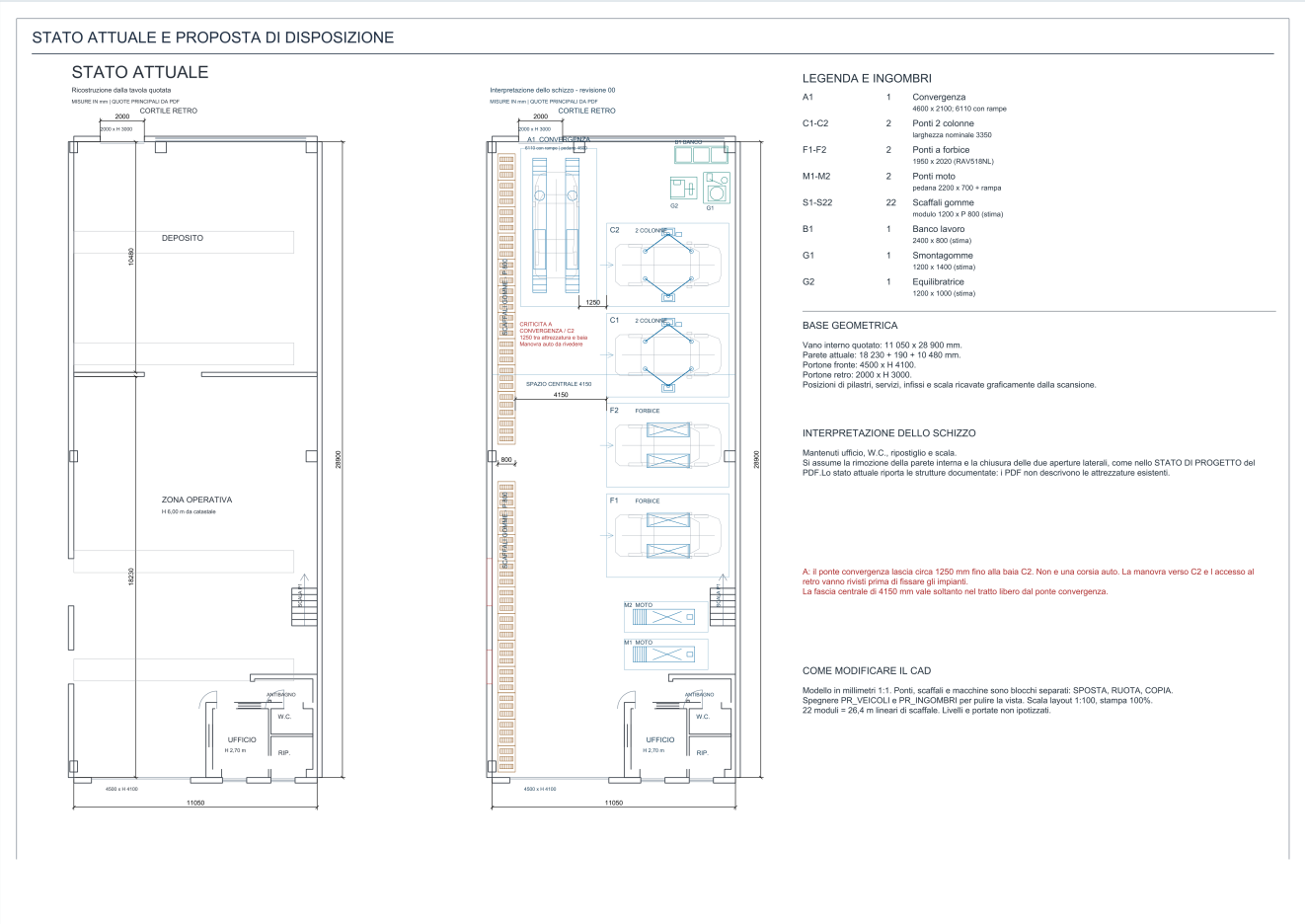
You do not need the original CAD file to get started

A photograph, a scan or a PDF can provide the basis for reconstructing the geometry.

Legible information and available dimensions are used. Missing measurements require confirmation.

Original source documents retain their original annotations.

The result is an editable 2D drawing



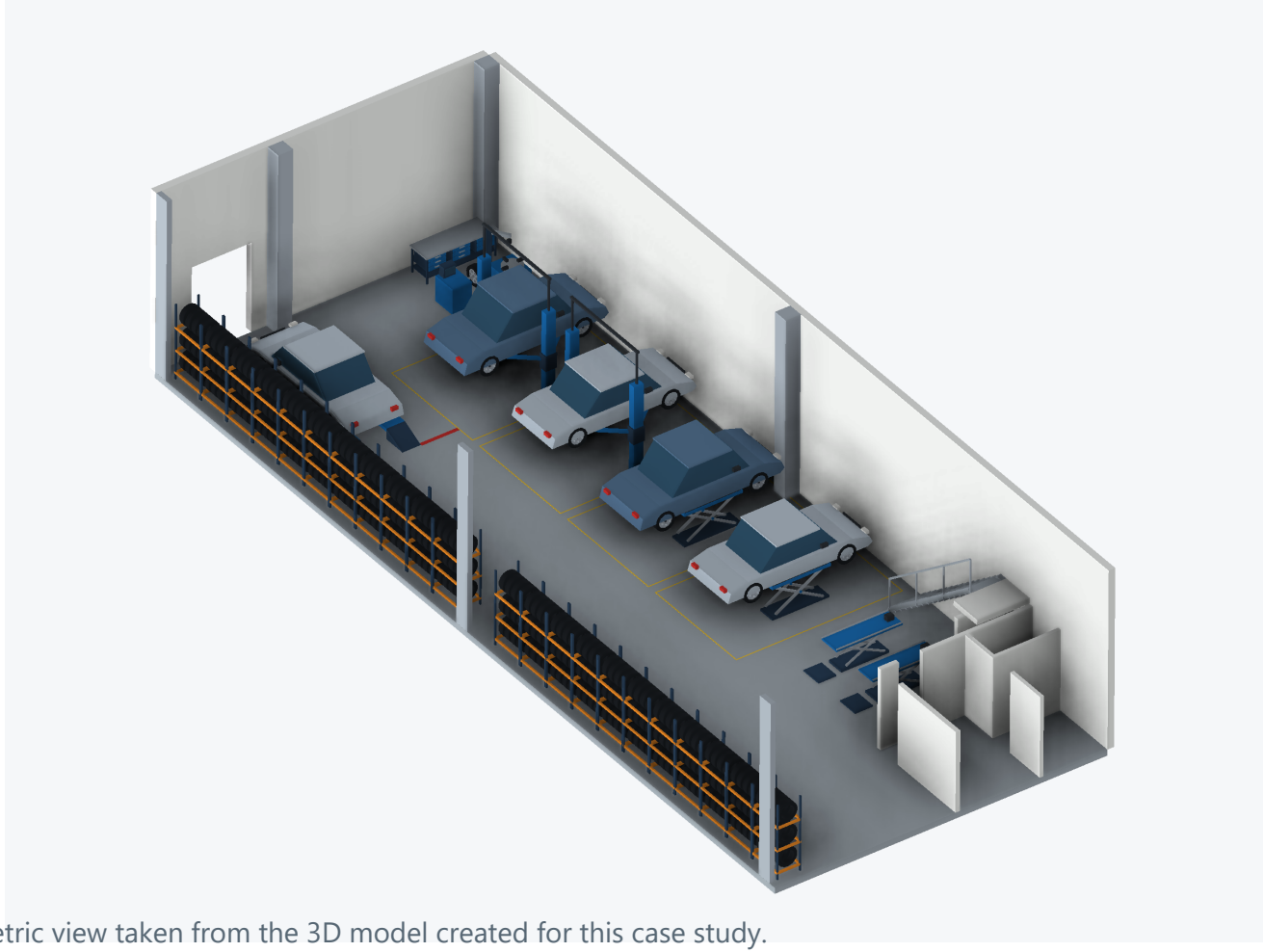
DXF / DWG

Lines, dimensions and components are reconstructed from the image and remain editable in CAD.

A working base to correct, update and reuse.

Original source drawing; annotations retained.

The drawing takes shape in 3D

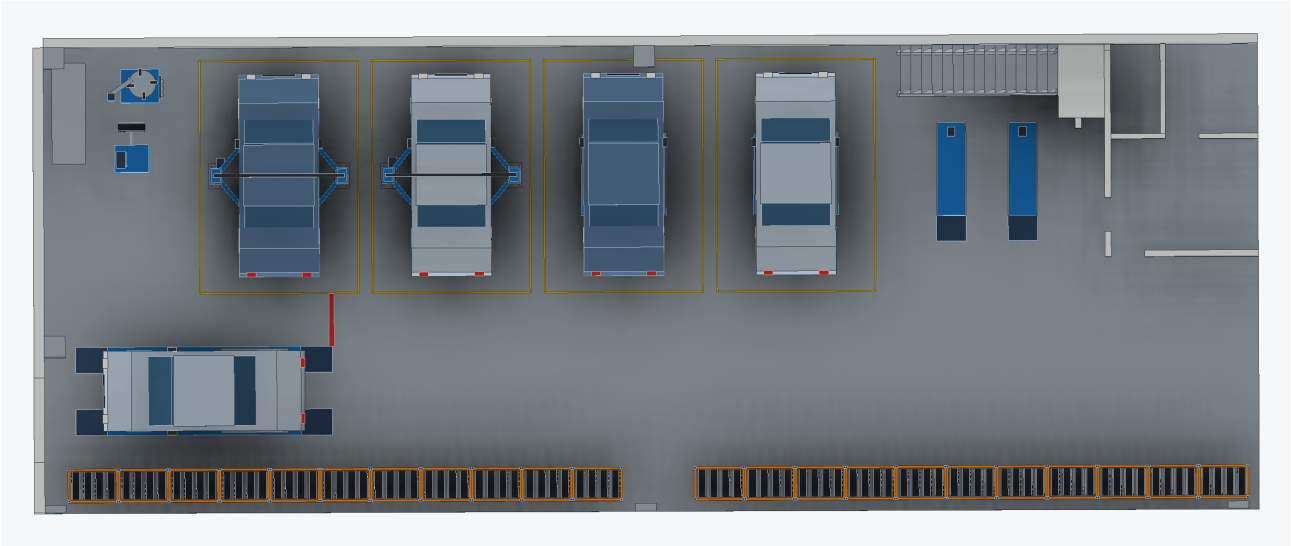


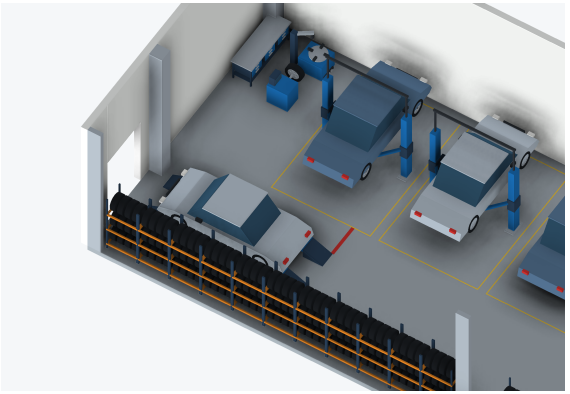
Isometric view taken from the 3D model created for this case study.

A model you can keep working on

Separate volumes and components make it possible to change dimensions and positions and develop the design.

Views make the design easier to understand

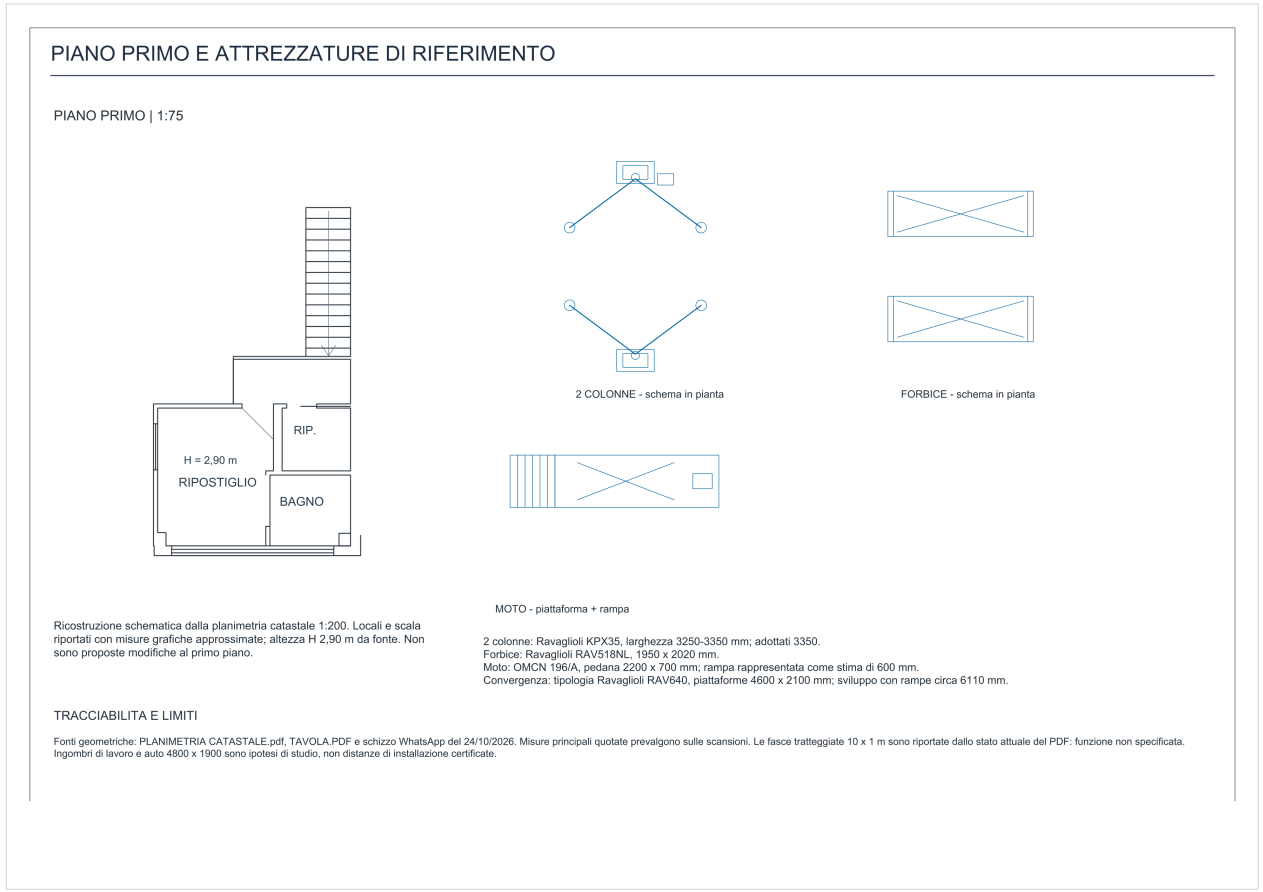




See the space before making changes

Plans, overall views and details help compare proportions, space requirements and possible changes.

Documentation supports the project



Drawings and views

Images and drawings to present the result.

Dimensions and guidance

Information to help read the design.

Instructions and checks

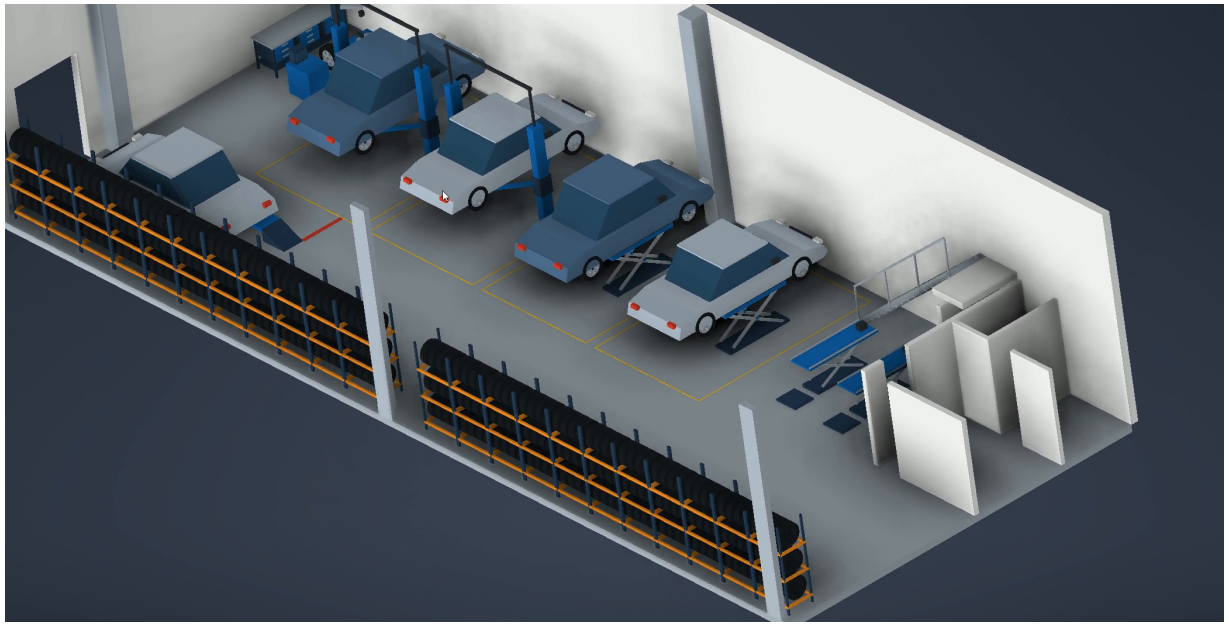
Notes on editing the files and resuming work.

All drawings are from the same project. Identifying details are excluded; source annotations are retained.

A practical base to use and develop

From a sketch or a PDF, editable digital files

AI supports reconstruction and document production. The professional guides the choices and checks the result.



2D DRAWING 3D MODEL DOCUMENTATION

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