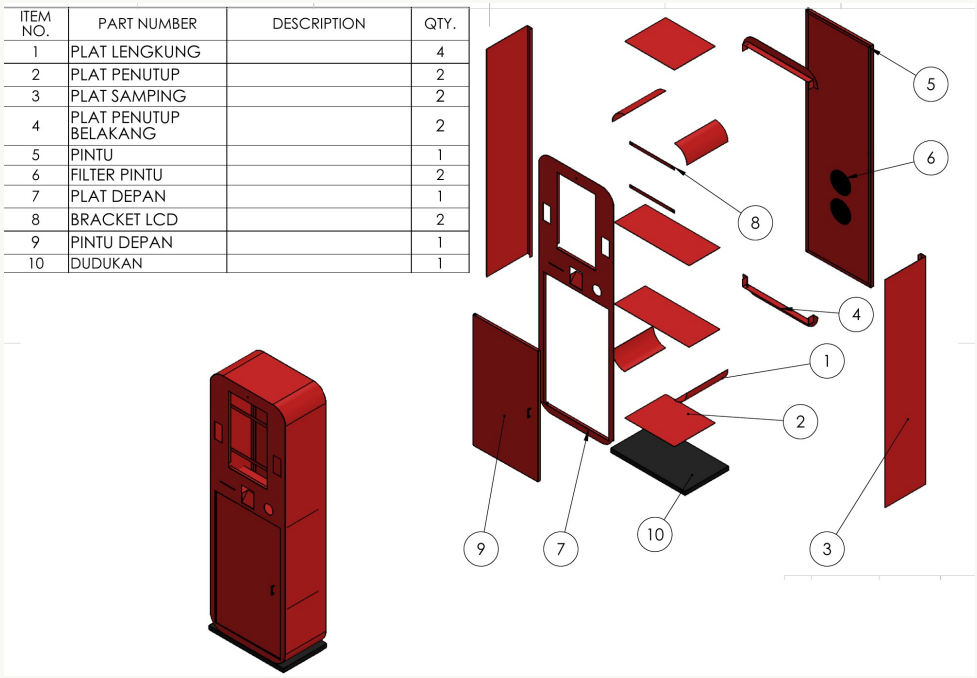
MODELING / DETAILING / DOCUMENTATION

Engineering detail. A broader view. Selected work.

Mechanical and fabrication experience presented through selected components, assemblies, equipment layouts, and infrastructure drawing excerpts.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	PLAT LENGKUNG		4
2	PLAT PENUTUP		2
3	PLAT SAMPING		2
4	PLAT PENUTUP BELAKANG		2
5	PINTU		1
6	FILTER PINTU		2
7	PLAT DEPAN		1
8	BRACKET LCD		2
9	PINTU DEPAN		1
10	DUDUKAN		1

MECHANICAL

Parts, bearings and equipment

FABRICATION

Panels, plates and frames

INFRASTRUCTURE

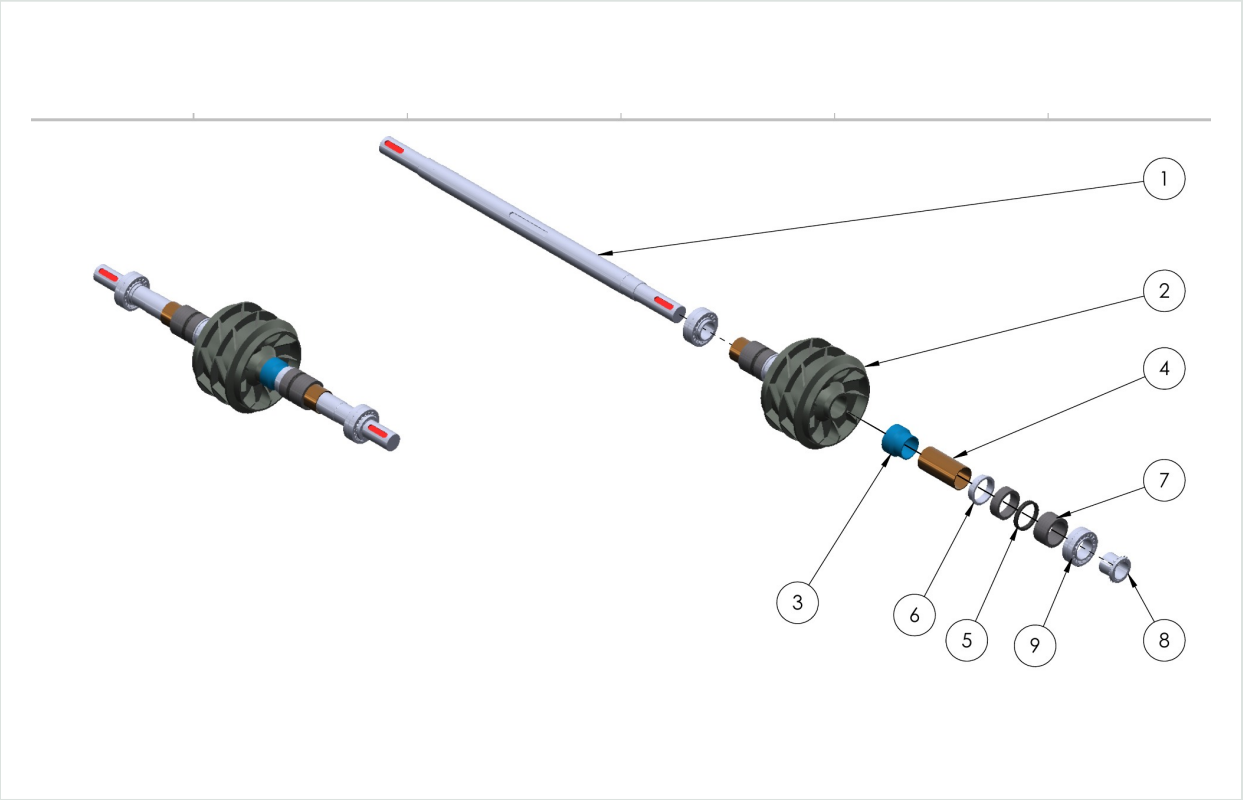
Poles, towers and layout details

Portfolio selections from supplied work samples. Drawings are presented as experience references, without original client title blocks.

01 / ROTATING EQUIPMENT

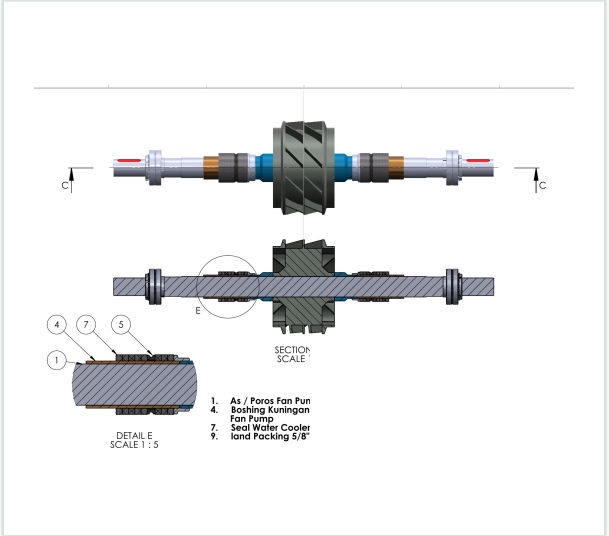
Shafts, pumps & assemblies

Assembly relationships, internal sections, and dimensional revisions support clear communication of mechanical component arrangements.



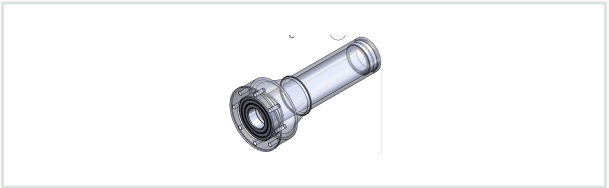
Pump assembly - exploded view

Component arrangement and item callouts for a pump shaft assembly.



Pump assembly - section view

Section views expose the shaft, impeller, bushing, and sealing arrangement.

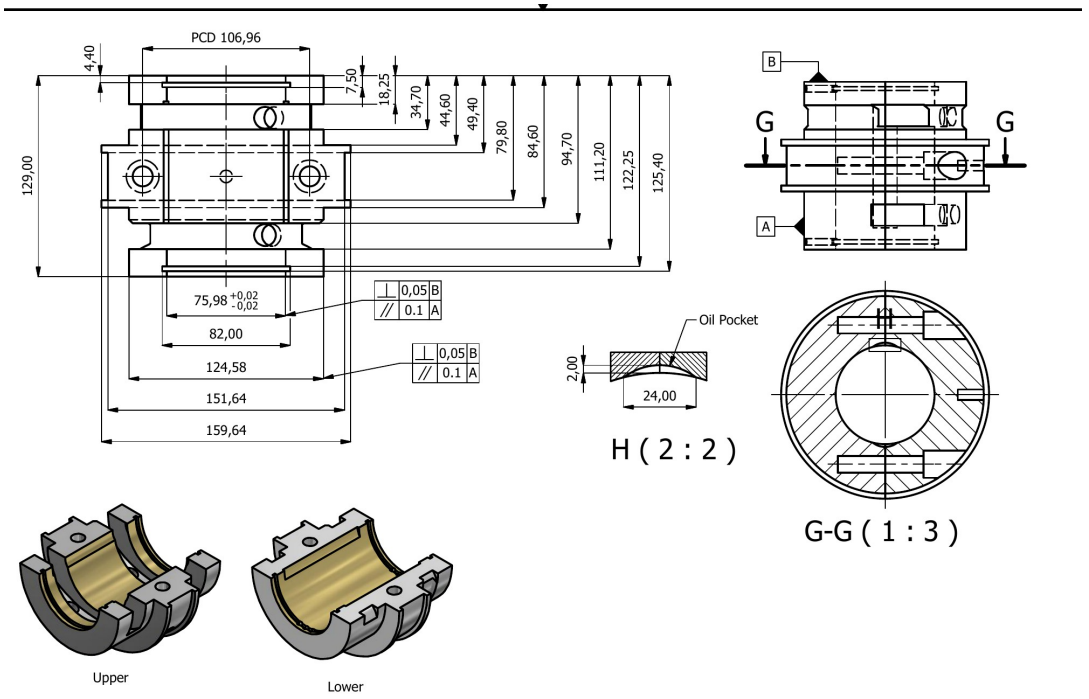


Shaft and bearing assembly

02 / BEARINGS & PRECISION COMPONENTS

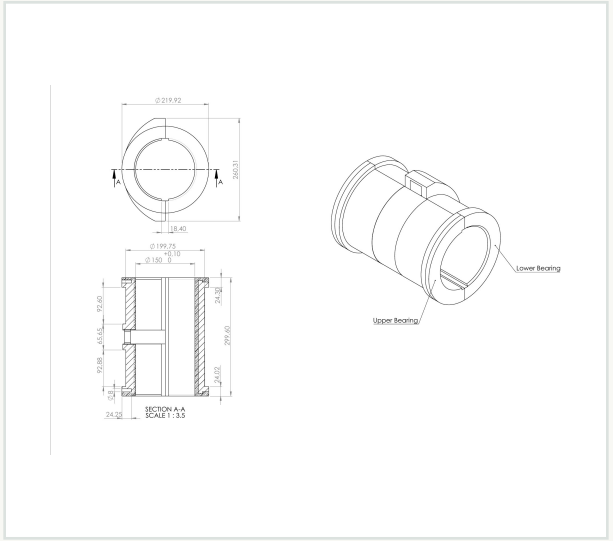
Geometry in the details

Selected bearing and component drawings show internal features, split arrangements, and dimensions through coordinated views.



Split sleeve bearing

Dimensioned views and a split configuration communicate internal bearing features.



Turbine bearing assembly

Assembly and section views describe the upper and lower bearing geometry.

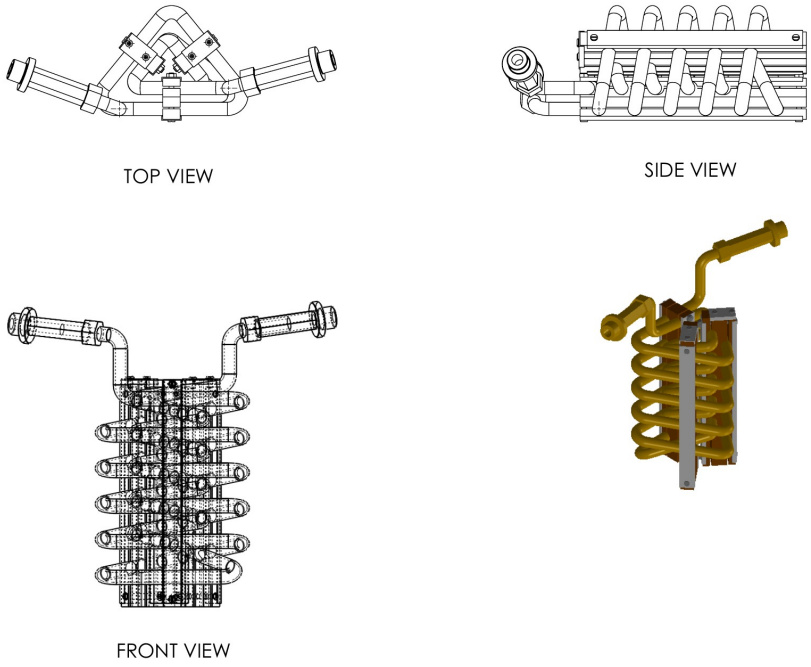
DOCUMENTATION FOCUS

COMPONENT
SECTION
DETAIL

03 / EQUIPMENT ASSEMBLIES

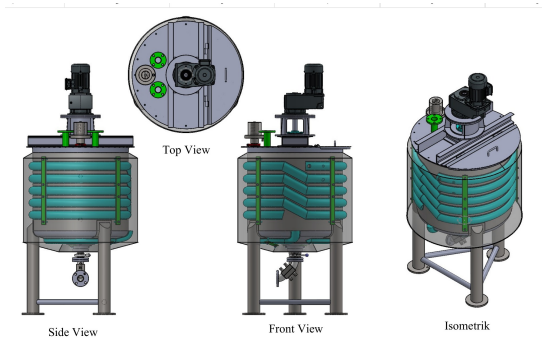
Thermal & mixing equipment

Equipment modeling brings together coil routing, mechanical supports, connections, and overall assembly geometry.



Oil cooler assembly

Coil routing, connections, and support geometry shown in multiple orientations.



Mixing equipment assembly

A modeled equipment arrangement presented through coordinated assembly views.

DOCUMENTATION FOCUS

EQUIPMENT
ROUTING
ASSEMBLY

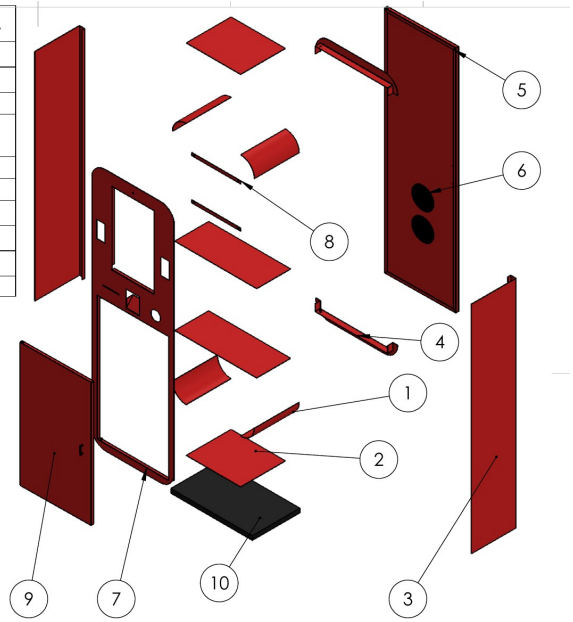
04 / SHEET METAL & FABRICATION

Panels, plates & enclosures

Exploded and assembled views communicate panel relationships, openings, plate geometry, and mounting features.

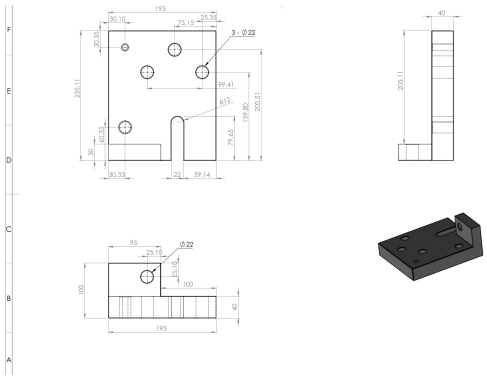
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
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9	PINTU DEPAN		1
10	DUDUKAN		1





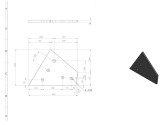
Sheet metal enclosure

Assembled and exploded views communicate panels, openings, and component relationships.



Support plate detail

Orthographic and isometric views with mounting holes and component dimensions.

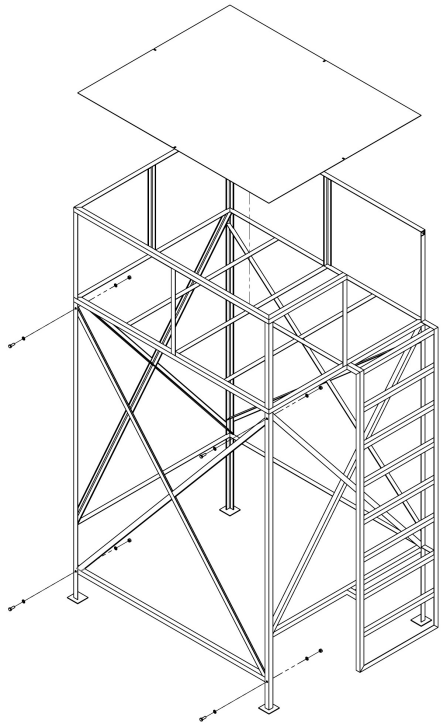


Fabricated plate geometry

05 / FRAMES & ACCESS ASSEMBLIES

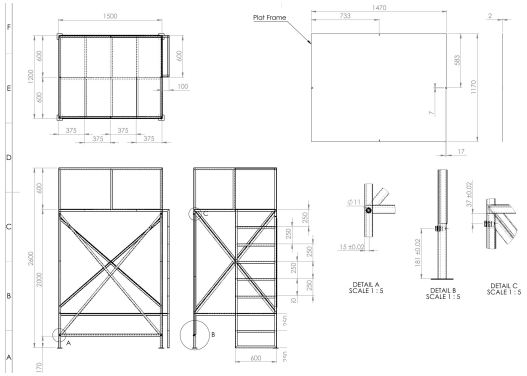
Structure through clear views

Frame, access, and connection geometry is communicated using assembly views, elevations, and fabrication details.



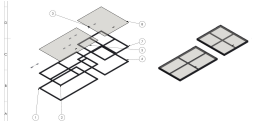
Fabricated steel frame

An assembly view showing bracing, access, base connections, and the top plate.



Frame elevations and details

Coordinated views describe the frame layout, clear dimensions, and connection details.

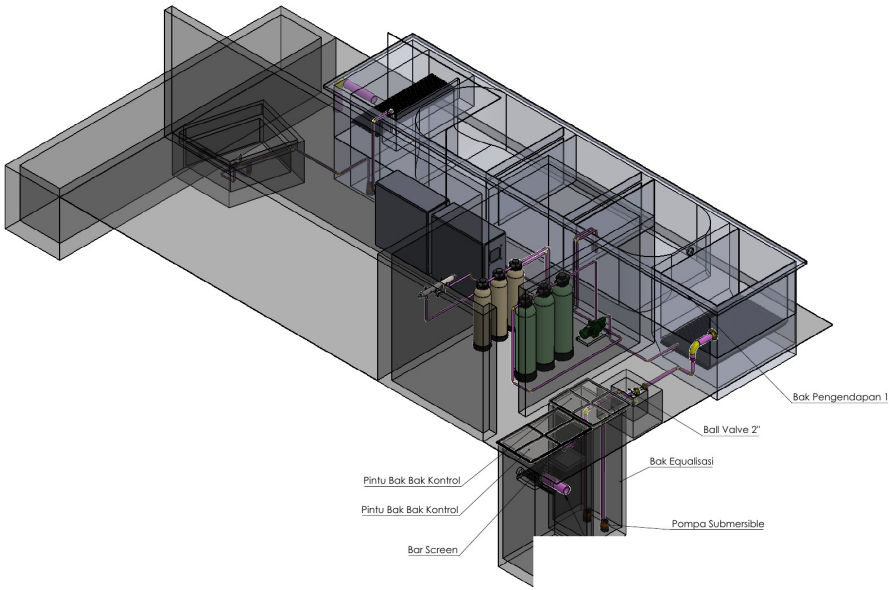


Access panel assembly

06 / PROCESS LAYOUT COORDINATION

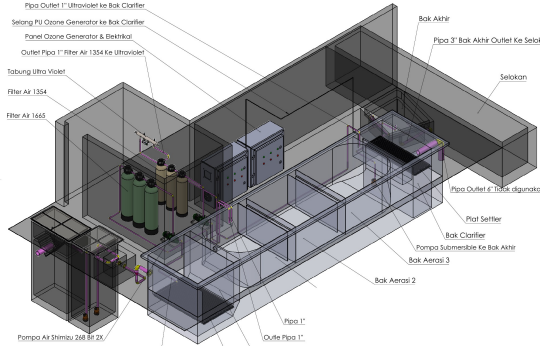
Equipment in context

3D layout excerpts communicate equipment placement, piping routes, and spatial relationships within a coordinated environment.



Process equipment layout

A 3D layout excerpt showing tanks, equipment, piping, and access relationships.



Equipment and piping coordination

An alternate view makes equipment placement and interconnecting pipe routes visible.

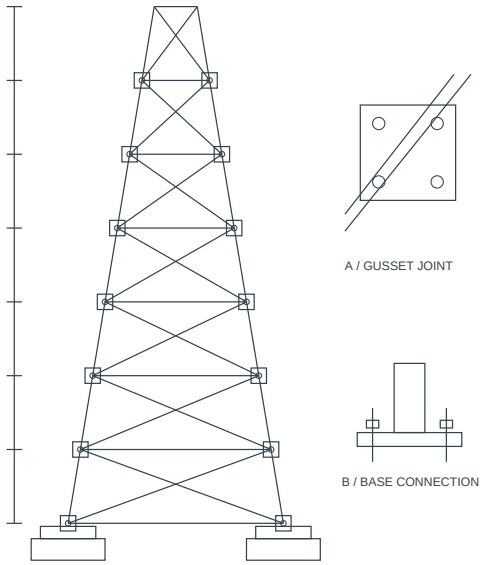
DOCUMENTATION FOCUS

LAYOUT
PIPING
COORDINATION

Poles, towers & connections

CAD-style schematic drawings of structural arrangements and connection details.

TOWER / ELEVATION & CONNECTIONS

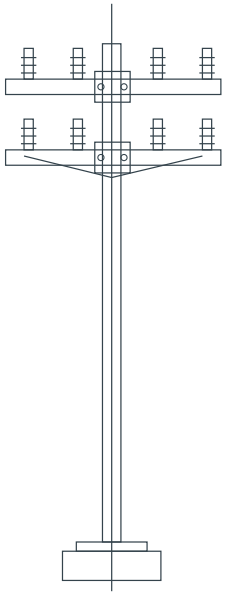


FRONT ELEVATION / NOT TO SCALE

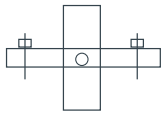
A / GUSSET JOINT

B / BASE CONNECTION

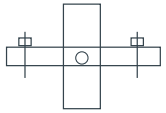
UTILITY POLE / ARRANGEMENT & DETAILS



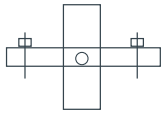
POLE ELEVATION / SCHEMATIC



A / CROSSARM CLAMP

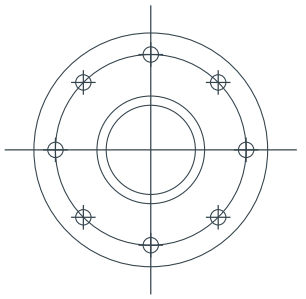


B / THROUGH-BOLT

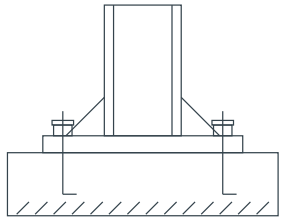


C / BASE PLATE

SHAFT & FLANGE / CONNECTION STUDY



A / FLANGE PLAN



B / BASE CONNECTION SECTION

Concept drawings. Not to scale or for construction.

CAPABILITIES / DELIVERY

Clear scope. Structured delivery.

JWORKS combines hands-on modeling and drafting with practical automation. Deliverables are defined around the source references, technical requirements, and intended review process.

01

PARTS & ASSEMBLIES

Parametric components, assembly arrangements, and coordinated mechanical views.

02

FABRICATION DRAWINGS

Orthographic, section, and detail views, dimensions, item references, and revision documentation.

03

LAYOUT & INFRASTRUCTURE

Equipment placement, piping relationships, frames, poles, and tower drawing support.

Start with the right inputs.

Reference models or drawings - required units and standards - deliverable formats - revision scope - target schedule.

Source annotations retain their original language and units. The portfolio demonstrates selected modeling and drafting content; it does not establish design approval, manufacturing acceptance, or structural certification.