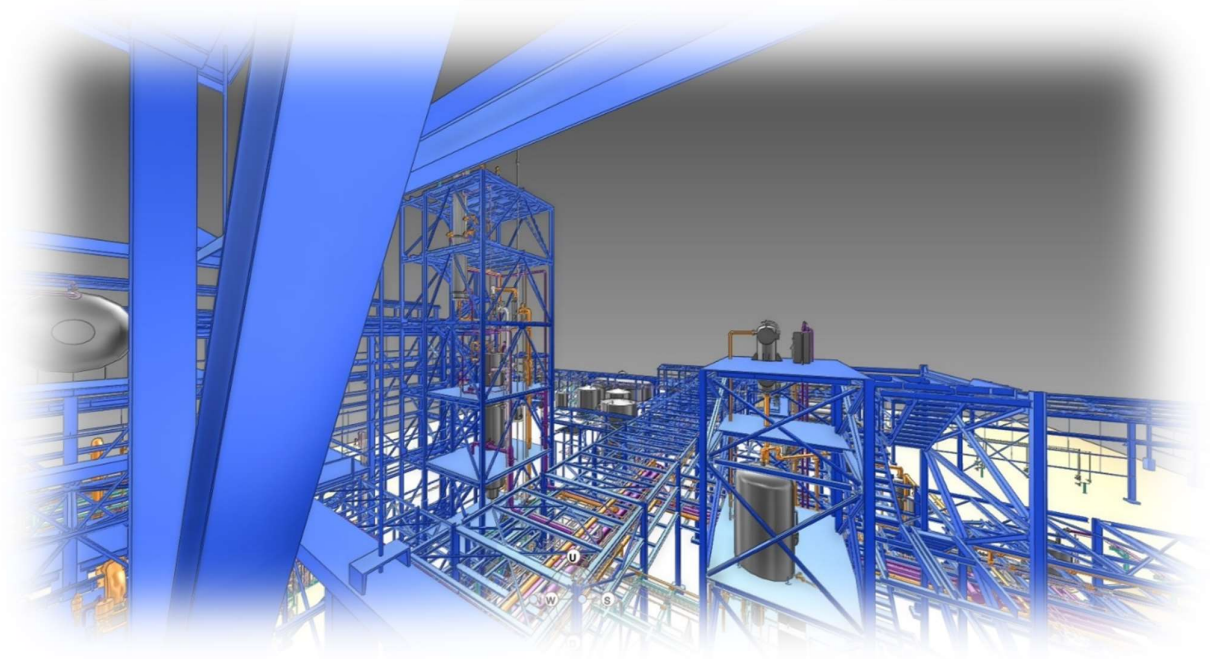




S U A Y
INDUSTRIAL ENGINEERING
LIMITED COMPANY

COMPANY INTRODUCTION FILE - 2022_3



Chemical Plant - AVEVA E3D (PDMS) Appearance

CONTENTS

- GENERAL INFORMATION ABOUT THE COMPANY
- FIELDS OF ACTIVITY
- TARGETS OF THE COMPANY
- WORKS AND PROJECTS WORKED
- PHOTOS

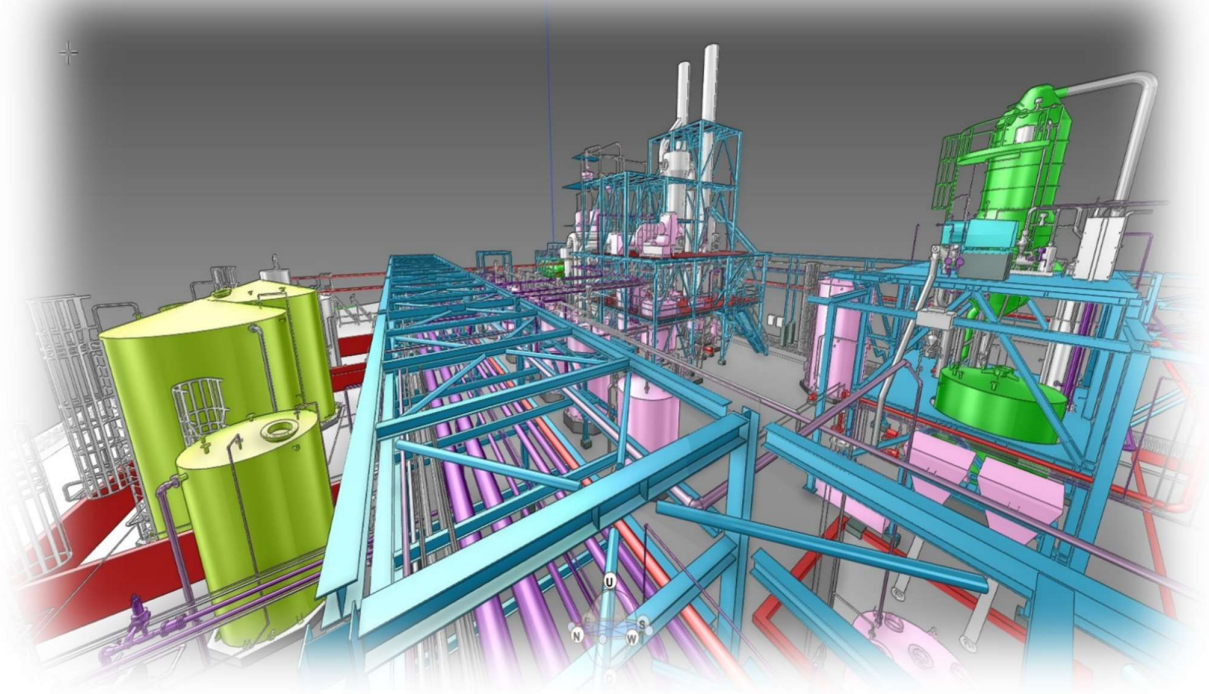
Company _____ :

Name : **S U A Y**
INDUSTRIAL ENGINEERING
LIMITED COMPANY

Address : Süleyman Bey Mah. Konak Sok.
No:8/54 Kat:5 (Çam İş Merkezi)
77100 Merkez / YALOVA

Phone : +90 (555) 4313979

E-mail : info@suayproje.com



Web Site : www.suayproje.com

Fields of activity of the company :

S U A Y INDUSTRIAL ENGINEERING LIMITED COMPANY

Our company was established in 2017 with the aim of performing all project services of industrial factories and areas.

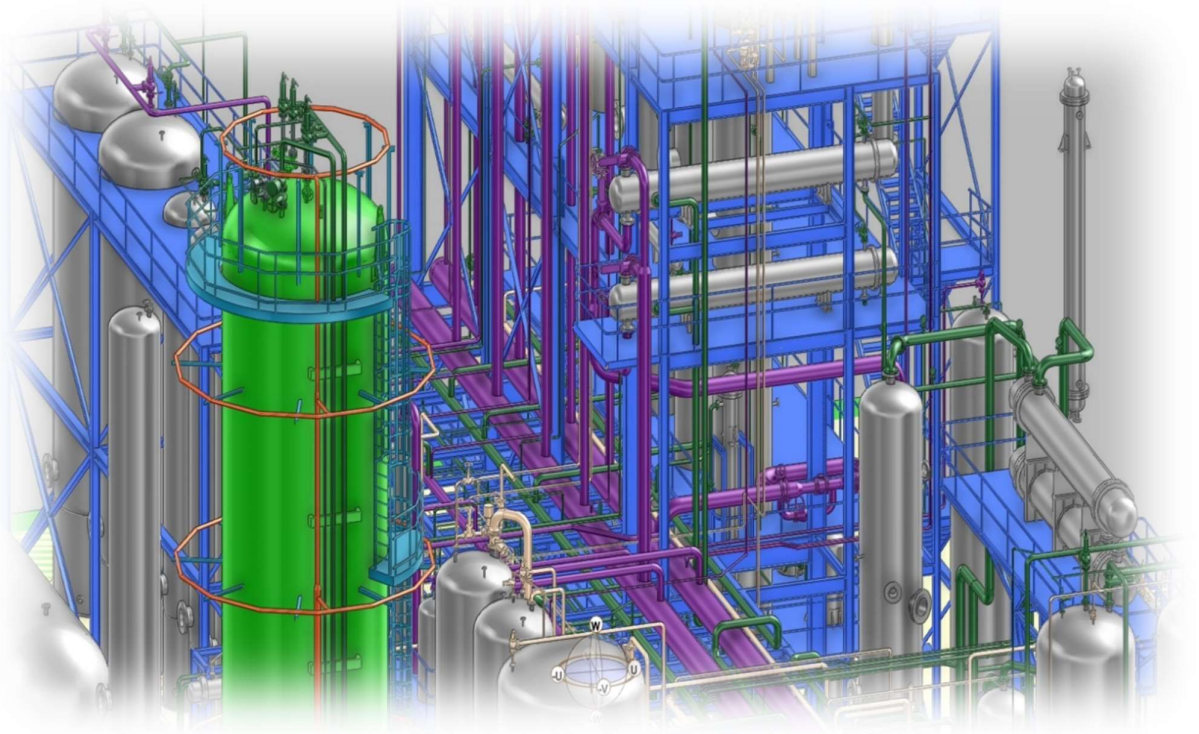
We can define these services as follows.

- Services of sketching Process Flow Diagram drawings to the computer.
- Existing facility **P&ID** preparation services under **SEVESO**.
- Preparation of flow diagrams with the help of relevant process and instrument engineers who have know-how on sketch drawings, steam calculations or **hydraulic calculations**.
- In case of deficiency, preparation of **Piping Spec** services.
- Tank, Heat Exchanger, Drum, Column etc. Design sketches of the equipment.
- **Design Sketches** are prepared for tanks, heat exchangers, drums, columns etc. Preparation of production drawings according to material type (Carbon, Stainless, Titanium, Ectf-E, FRP, PP, C-PVC, U-PVC etc.) by making necessary calculations of the equipments.
- Preparation of Settlement Plan & Section Projects in the light of the available data in the related field.

- Reverse Engineering services.
- Preparation of **Piping Plan & Section Projects** according to settlement works and material type (Carbon, Stainless, Titanium, Ectf-E, FRP, PP, C-PVC, U-PVC etc.).
- Preparation of isometry drawings according to the result of piping plan & section projects and material type (Carbon, Stainless, Titanium, Ectf-E, FRP, PP, C-PVC, U-PVC etc.).
- Preparation of **pipe support details** according to the piping plan & section projects.
- Preparation of **Steel Projects** and Accounts according to settlement studies.
- Preparation of **construction projects** according to the settlement works.
- Transfer of all project works to **Aveva PDMS & E3D** or **AutoPLANT 3D** program or design of this project at the beginning of the project.

The objectives of the company :

We aim to be a preferred company of the sector, having a say in the modern structures and projects of the future with a sustainable success, giving maximum importance to the employment of the staff, working with customer focus with its experienced, dynamic and hardworking technical staff..

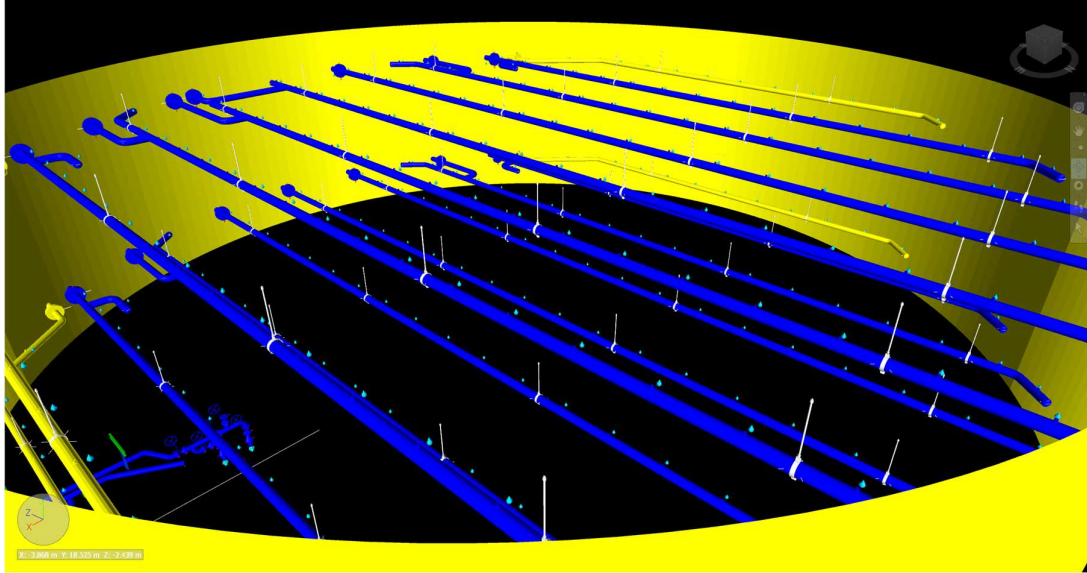


Chemical Plant - AVEVA E3D (PDMS) Appearance

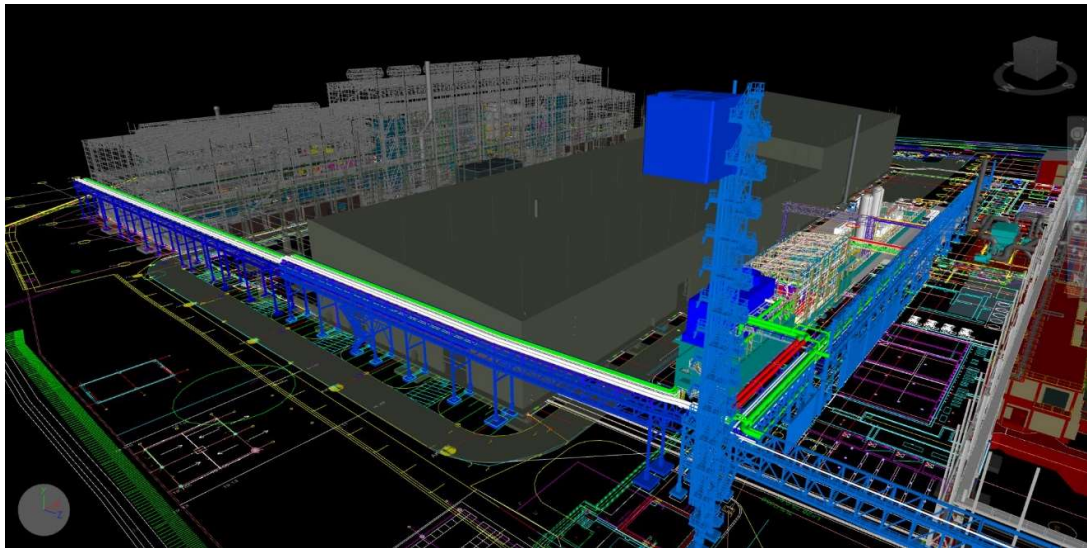
Works and Projects :

(In chronological order)

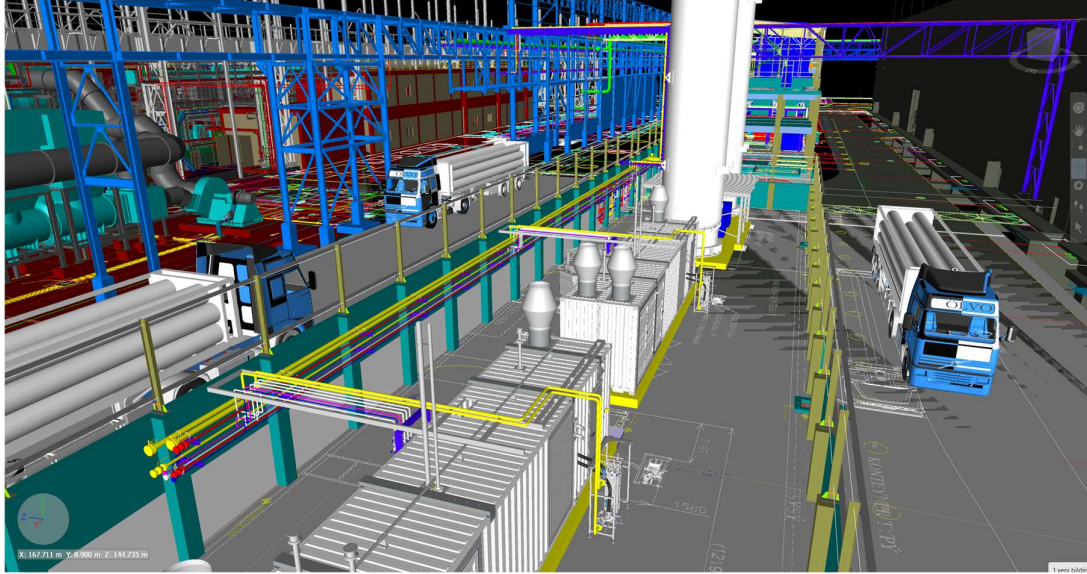
- ✓ Aksa Acrylic Chemical Industry. & , Energy Unit In-Boiler Spray Lines 3D Working Isometries Projecting / 08-2022



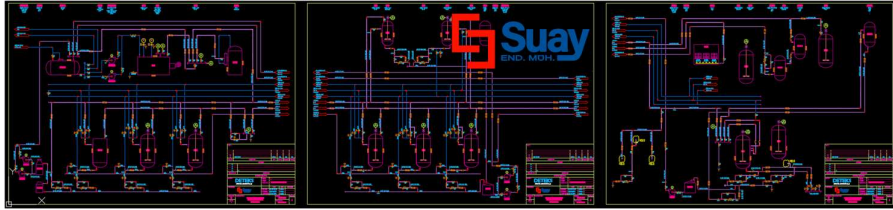
- ✓ Prokon Engineering Inc. & Atakaş Piperack lines 3D Working Piping Plans and Isometries Project / 07-2022



- ✓ Prokon Engineering Inc. & Atakaş Hydrogen (H2) unit lines 3D Working Piping Plans and Isometries Project / 06-2022

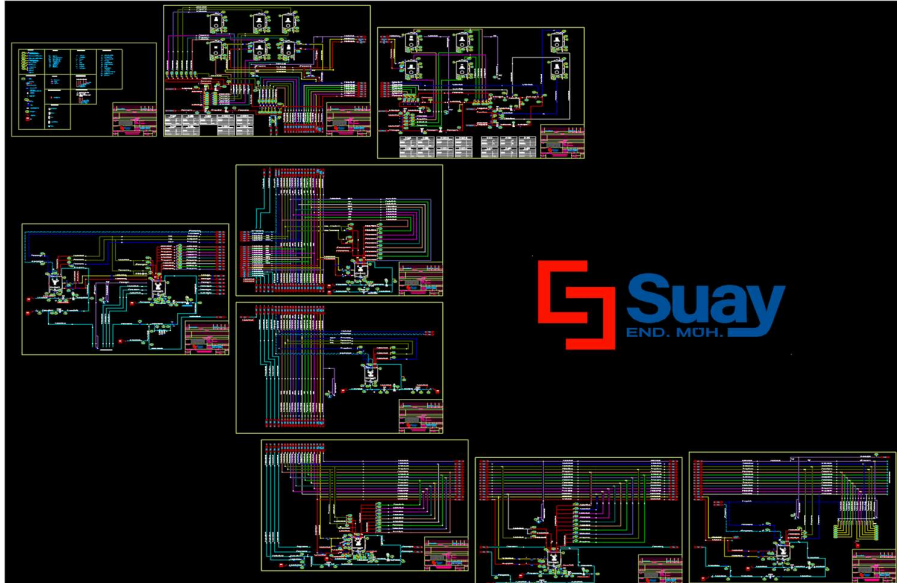


- ✓ Deteks Chem. Ind. Inc. & Indoor Plant Steam Lines P&ID Preparation Project / 04-2022

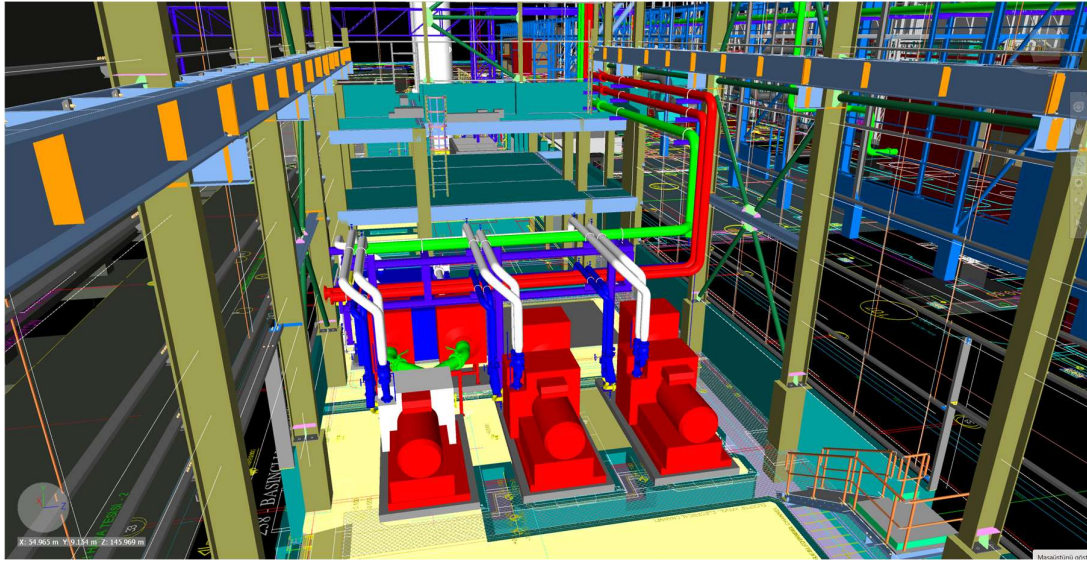


- ✓ Prokon Engineering Inc. & Emet Steam Line Saptors Manufacturing Drawings Project / 01-2022

- ✓ Lubpart Madeni Yag San. ASPECT. & Aliaga Oil Factory P&ID Modernization / 01-2022



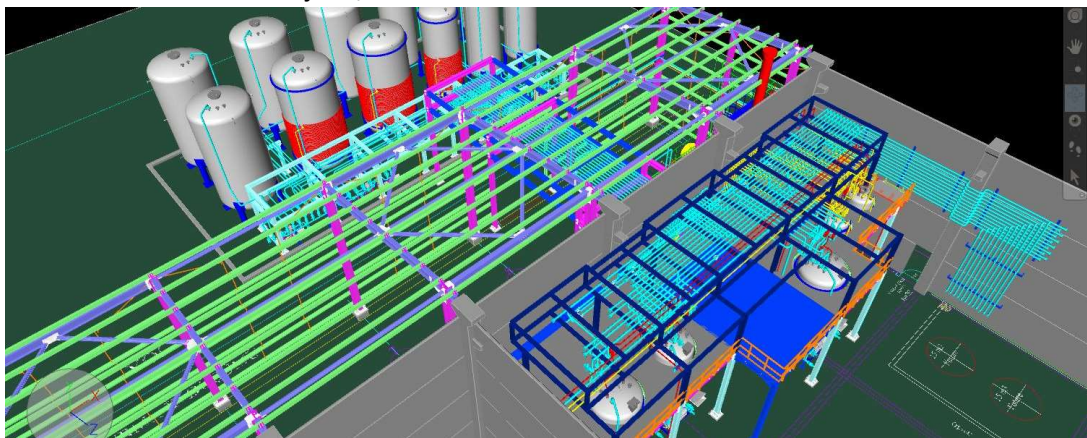
- ✓ Prokon Engineering Inc. & Atakaş Compressed Air Unit 3D Working Piping Plans and Isometries Project / 01-2022



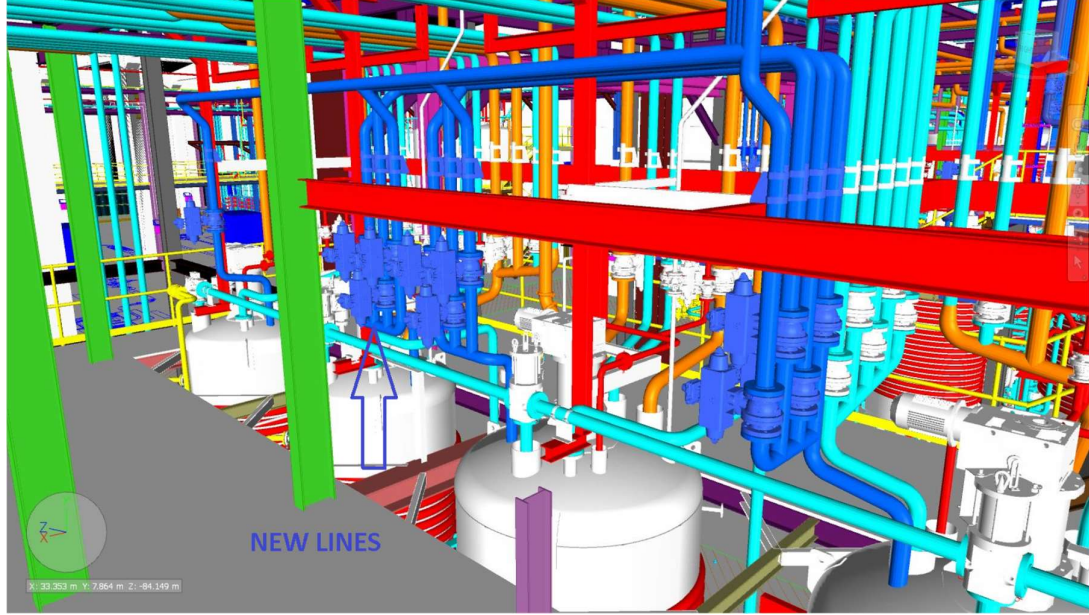
- ✓ Aksa Acrylic Chemical Industry. Inc. & , Fgd Unit Circulation Pumps, Dn900 Rubber Lined Collector and Line Manufacturing Details / 12-2021



- ✓ Lubpart Madeni Yag San. ASPECT. & Aliaga Oil Factory General Layout 3D Working Piping Plans and Isometries Project / 10-2021



- ✓ Prokon Engineering Inc. & Atakaş, Cooling Tower, Pump Station and Piperack 3D Working Piping Plans and Isometries Project / 09-2021
- ✓ Opet Fuchs Madeni Yag San. Trade ASPECT. & Aliğa Factory New Storage Tanks and Project Design and As-Yap Works / 05-2018



- ✓ Penta Technology Products Distribution Trade Inc. & Autoplant3D Consulting Service / 01-2021 (Continuing)

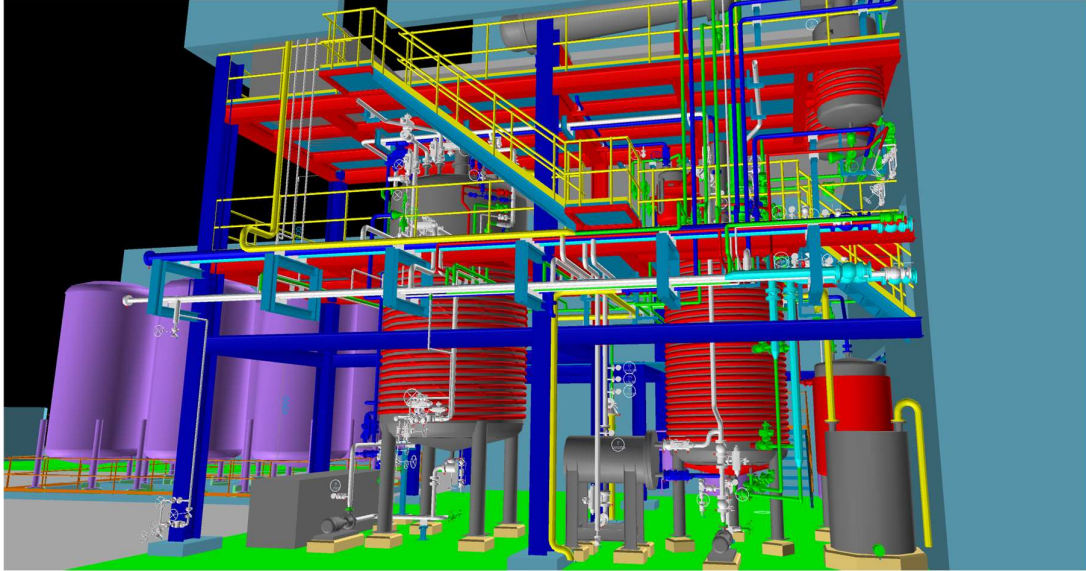


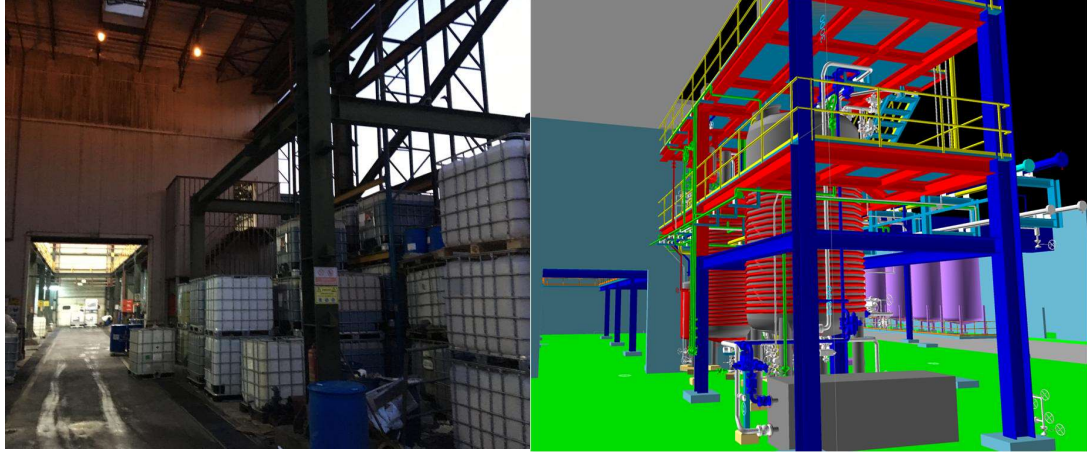
- ✓ Renaissance Heavy Industries & Offshore Lng Facility Design Project, Man/Hour Personnel Service. / 08-2020

Explanation: It is a project that is a joint venture of SaRen, a joint venture of Saipem and Rönensans, to Novatech of Russia, an offshore Lng Plant Design and manufacturing joint venture. In order to close the technical personnel gap required in the detail design part of this project, we provide technical personnel support to this consortium on a Man/Hour basis.

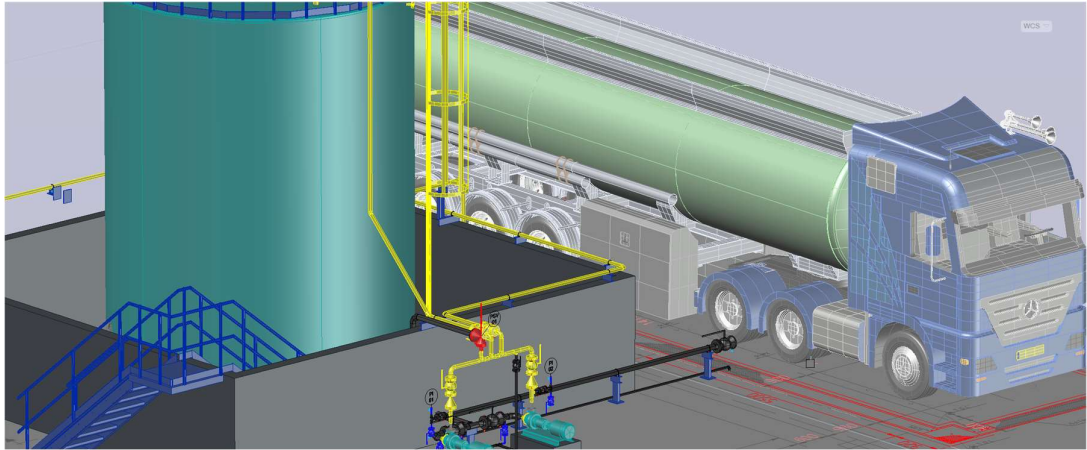


- ✓ Deteks Chemical Industry Inc. & The esterification project includes transferring the customer's existing equipment (reactor, heat exchanger, pumps) and infrastructure to 3D digital media by making on-site measurements, designing the facility and preparing it as an iso mto list.





- ✓ AK-KİM Chemical Inc. & H₂O₂ Storage and Dosing System Layout, Piping Plans and Isometries Design / 04-2019

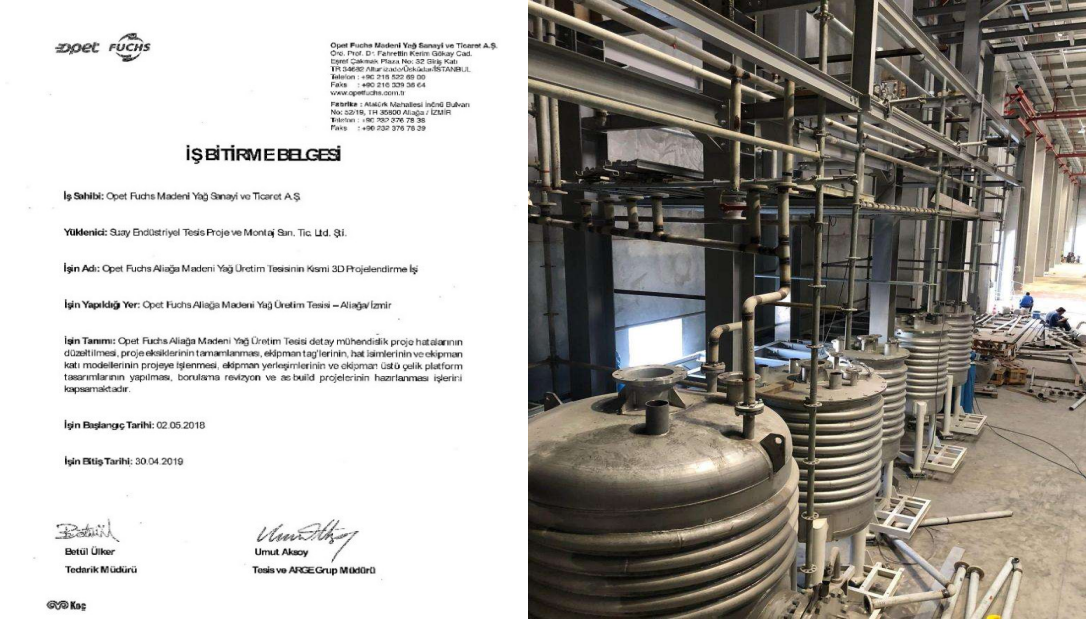


- ✓ AK-KİM Chemical Inc. & Aveva PDMS Program Consulting. / 01-2019



✓ Opet Fuchs Lubricant Inc. & Aliğa Factory Design and As-Build Works / 05-2018

Explanation: This is our project covering the piping and projecting works of the factory of Opet Fuchs, the industrial oil producer company, which was previously located in İzmir/Çiğli, to İzmir/Aliğa on a 57 decaare area. It includes Hot oil lines, Pig lines, Pig Manifold, Filling and Unloading stations, heating conn's to Serpentine tanks and all utility lines within the facility.



OPET FUCHS

Opet Fuchs Madeni Yağ Sanayi ve Ticaret A.Ş.
Ort. Prof. Dr. Fahrettin Kerem Gökalp Cad.
Etiler Cad. Kat: No: 22 Çiğli Köyü
TR 34650 Altınoluk / Üsküdar / İSTANBUL
Baskın : +90 212 525 50 00
Faks : +90 212 329 38 64
www.opetfuchs.com.tr
Fabrika - Ataköy Mahallesi İnönü Bulvarı
No: 32/19, 14 80000 Aliğa / İZMİR
Kırmızı : +90 352 276 78 36
Faks : +90 352 376 78 39

İŞ BİTİRME BELGESİ

İş Sahibi: Opet Fuchs Madeni Yağ Sanayi ve Ticaret A.Ş.

Yüklenici: Suay Endüstriyel Tesi Proje ve Montaj San. Tic. Ltd. Şti.

İşin Adı: Opet Fuchs Aliğa Madeni Yağ Üretim Tesisinin Kısmi 3D Projelendirme İş

İşin Yapıldığı Yer: Opet Fuchs Aliğa Madeni Yağ Üretim Tesisi - Aliğa/İzmir

İşin Tanımı: Opet Fuchs Aliğa Madeni Yağ Üretim Tesisi detay mühendislik proje hatlarının düzenlenmesi, proje eklerinin tamamlanması, ekipman tağ'larının, hat'larının ve ekipman kat' modellerinin projeye işlenmesi, ekipman yerleşimlerinin ve ekipman'ların Çiğli platform tasarımlarının yapılması, borulama revizyon ve as-buit projelerinin hazırlanması işlerini kapsamaktadır.

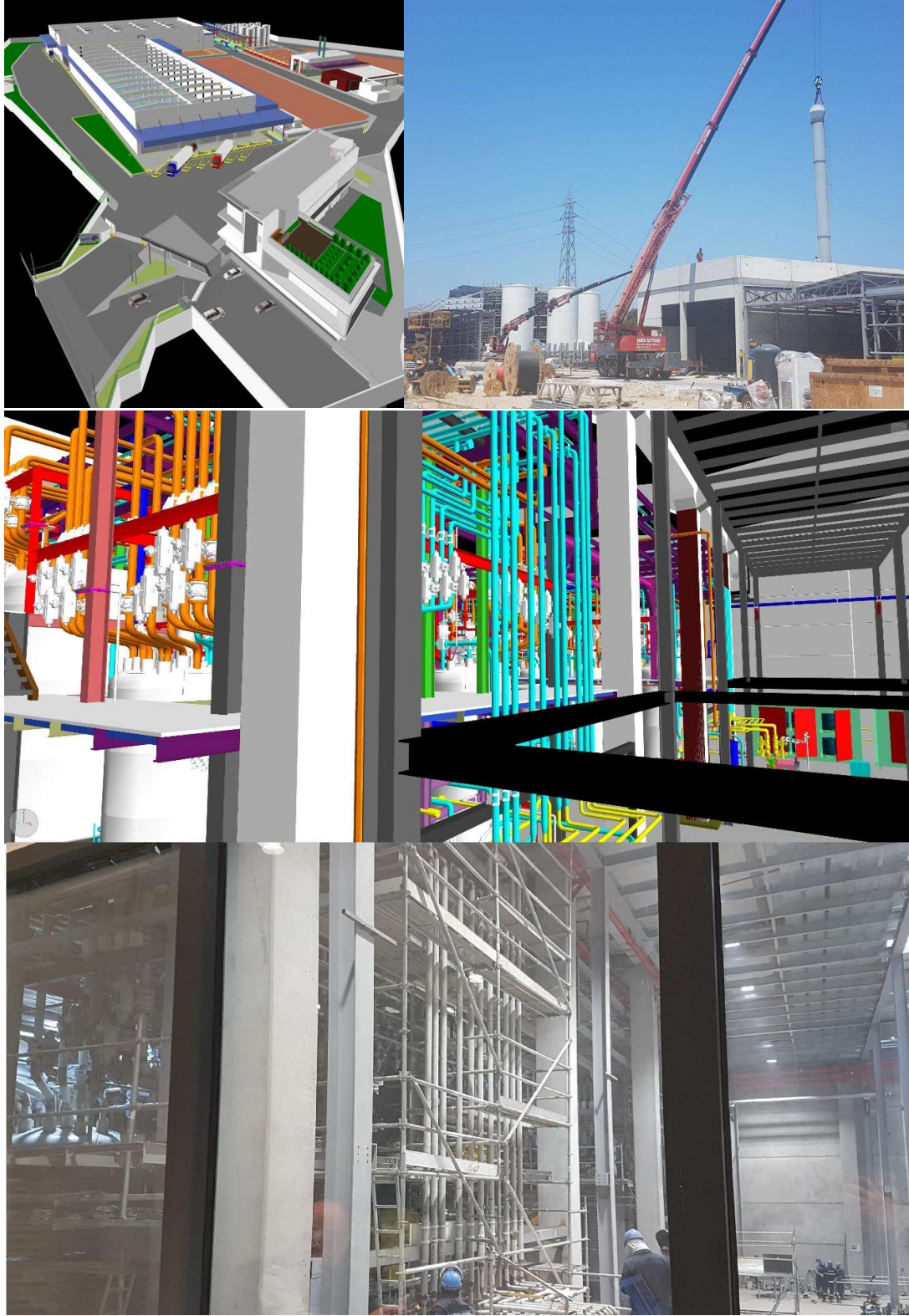
İşin Başlangıç Tarihi: 02.05.2018

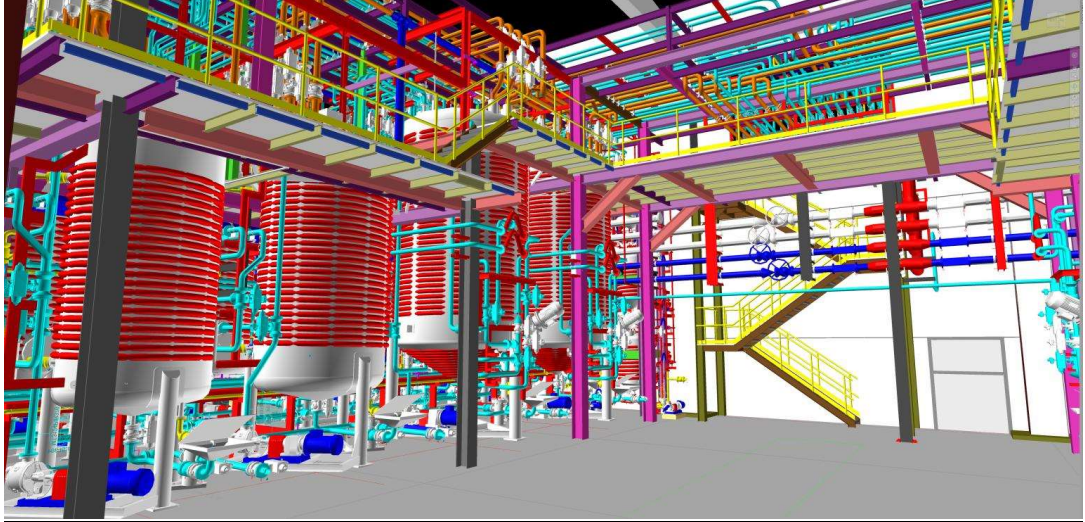
İşin Bitiş Tarihi: 30.04.2019


Betül Ülküer
Tedarik Müdürü


Umur Aksoy
Tesis ve AKGE Grup Müdürü

©/® Kaç





- ✓ Aksa Acrylic Chemical Inc. & Ilma Machinery Manufacturing & Erection Det. Project / 2018

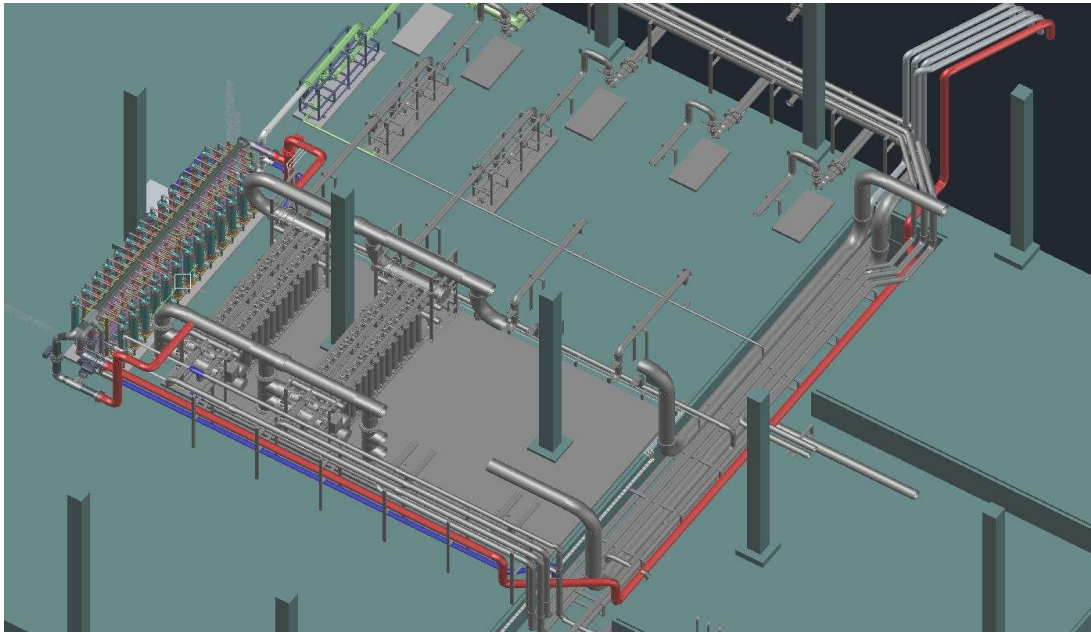


✓



- ✓ Aksa Acrylic Chemical Inc. & Piping Plans and Isometries for the New Settlement and Modernization of Machinery No. 29/2018
- ✓ Aksa Acrylic Chemical Inc. & Reverse Osmosis Unit, 52 Module Skid Layout, Piping Plans and Isometries Design / 2017

Description: It is our project that covers the design and design of RO Unit layout and pipe connections in order to improve or increase the quality of wastewater in the industrial facility.



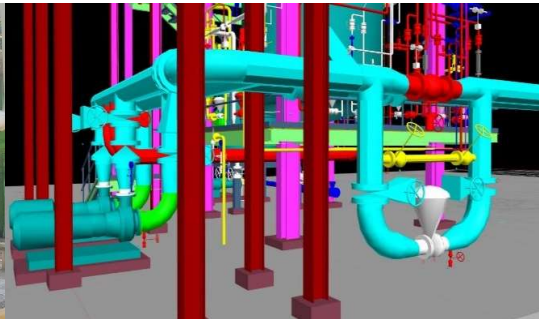
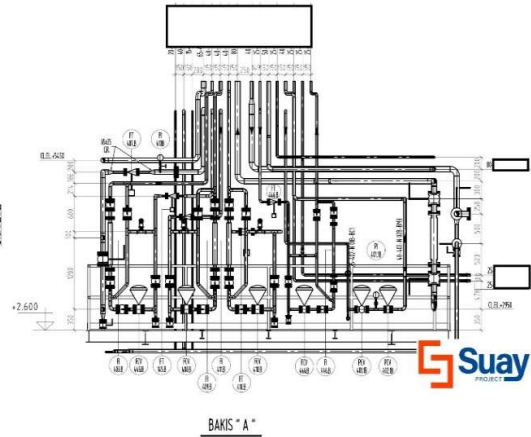
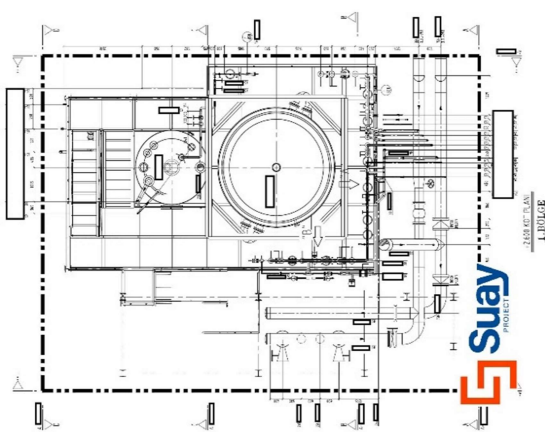


✓

- ✓ Aksa Acrylic Chemical Inc. & 202, 302, 402 Units On-site Tank Modernization, Piping Plans and Isometries Design / 2017

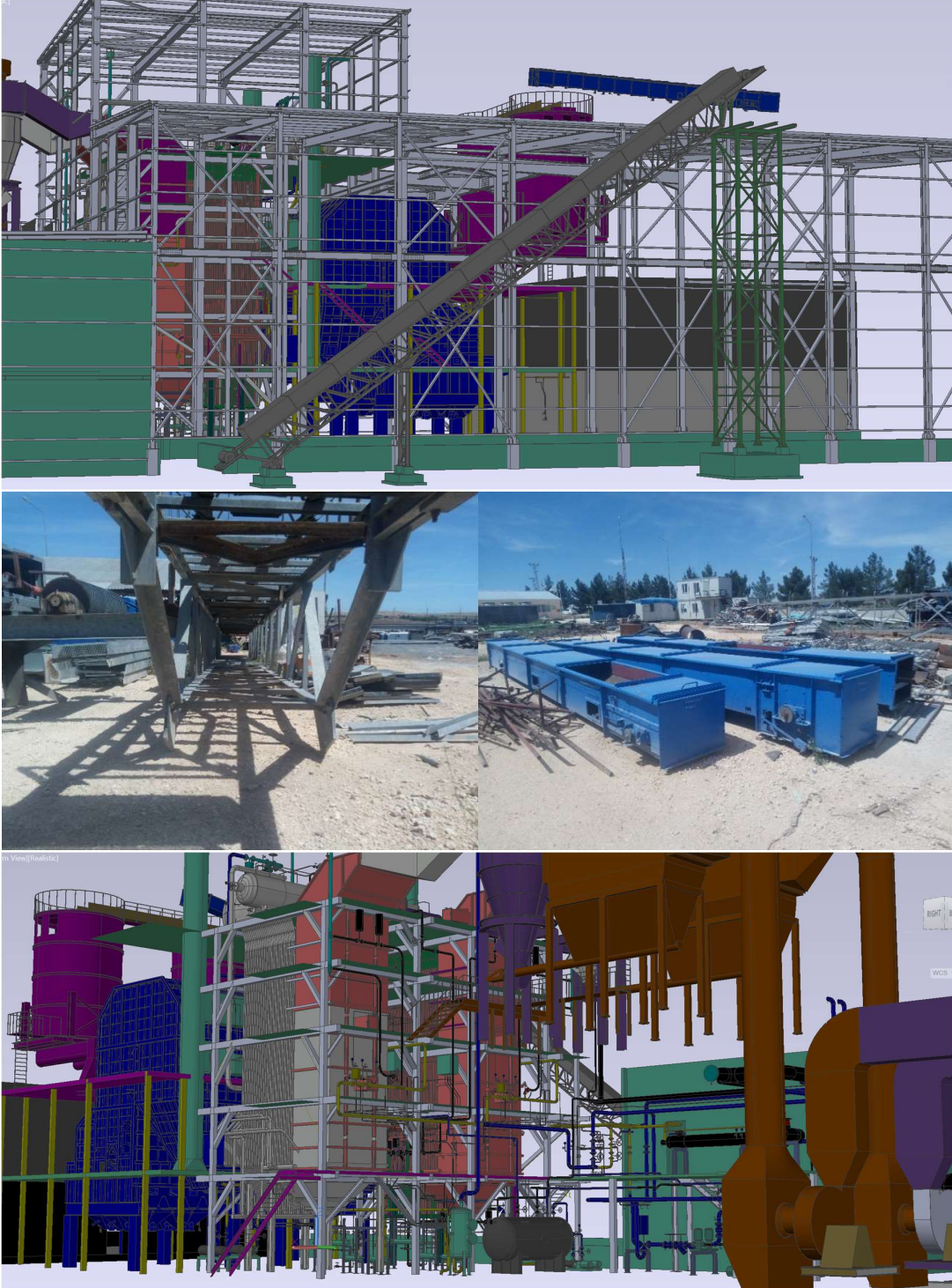
Description: This is our project that covers the placement of new equipment such as the new design tank pump and heat exchanger in a way that will arrange the existing tank and other equipment around it for metal fatigue and capacity increase over time, and the preparation of piping plan section and material lists and making them ready for production.





- ✓ Natural Energy Electricity Generation Inc. & Şanlıurfa Biomass Power Plant Conveyor Layouts and Piping As-Build studies. 3D Autoplant Projecting. / 2017

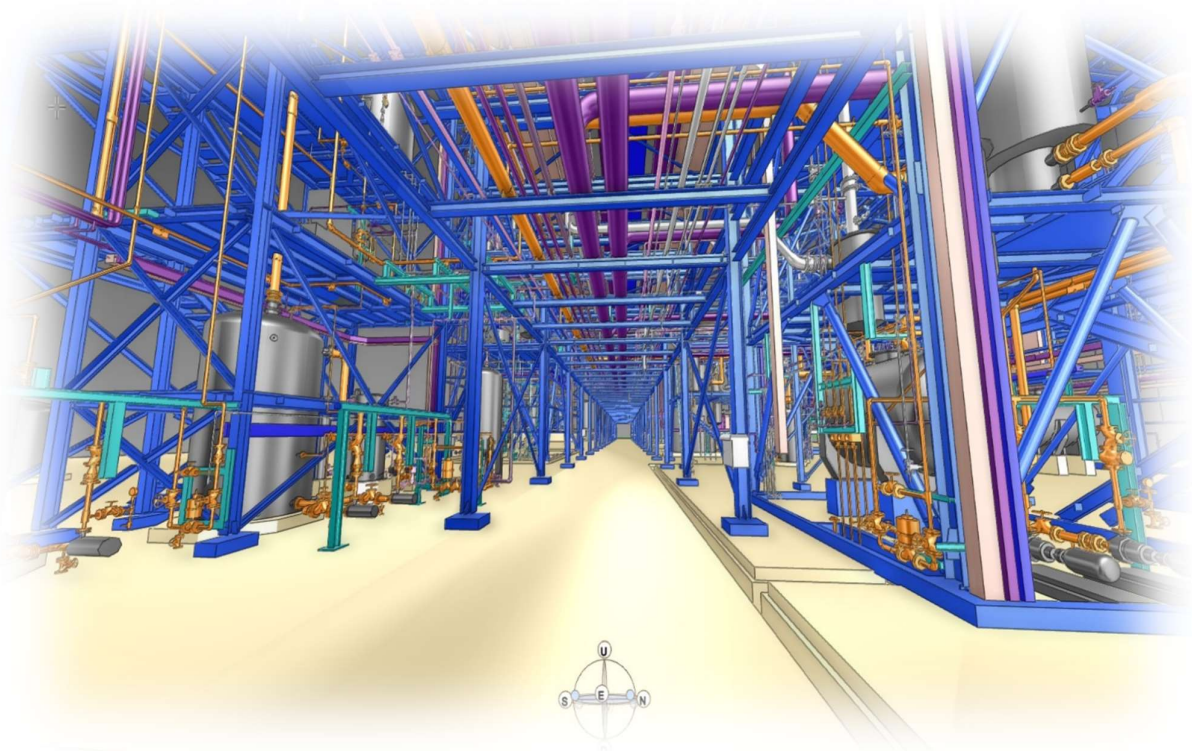
Description: This is our project that includes both drawing the conveyors in three dimensions and designing the layout for the transportation of raw material conveyors, whose location and layout have not been completed in the past, from the storage area to the storage tanks before the Biomass combustion boiler.



Major Companies Working:

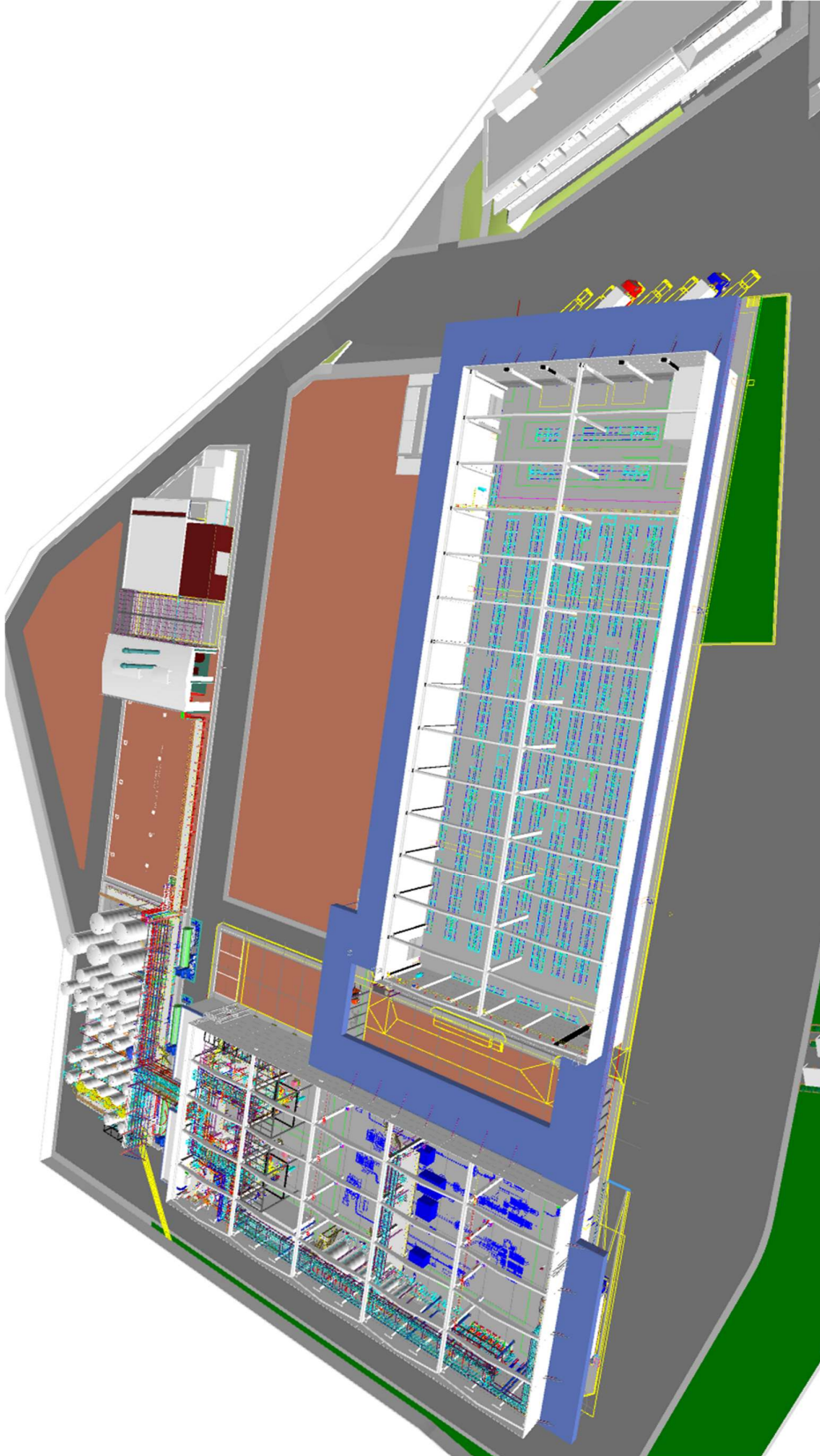
LAST WORKING ORDER,
MAJOR COMPANIES WE WORK WITH AS CORPORATE

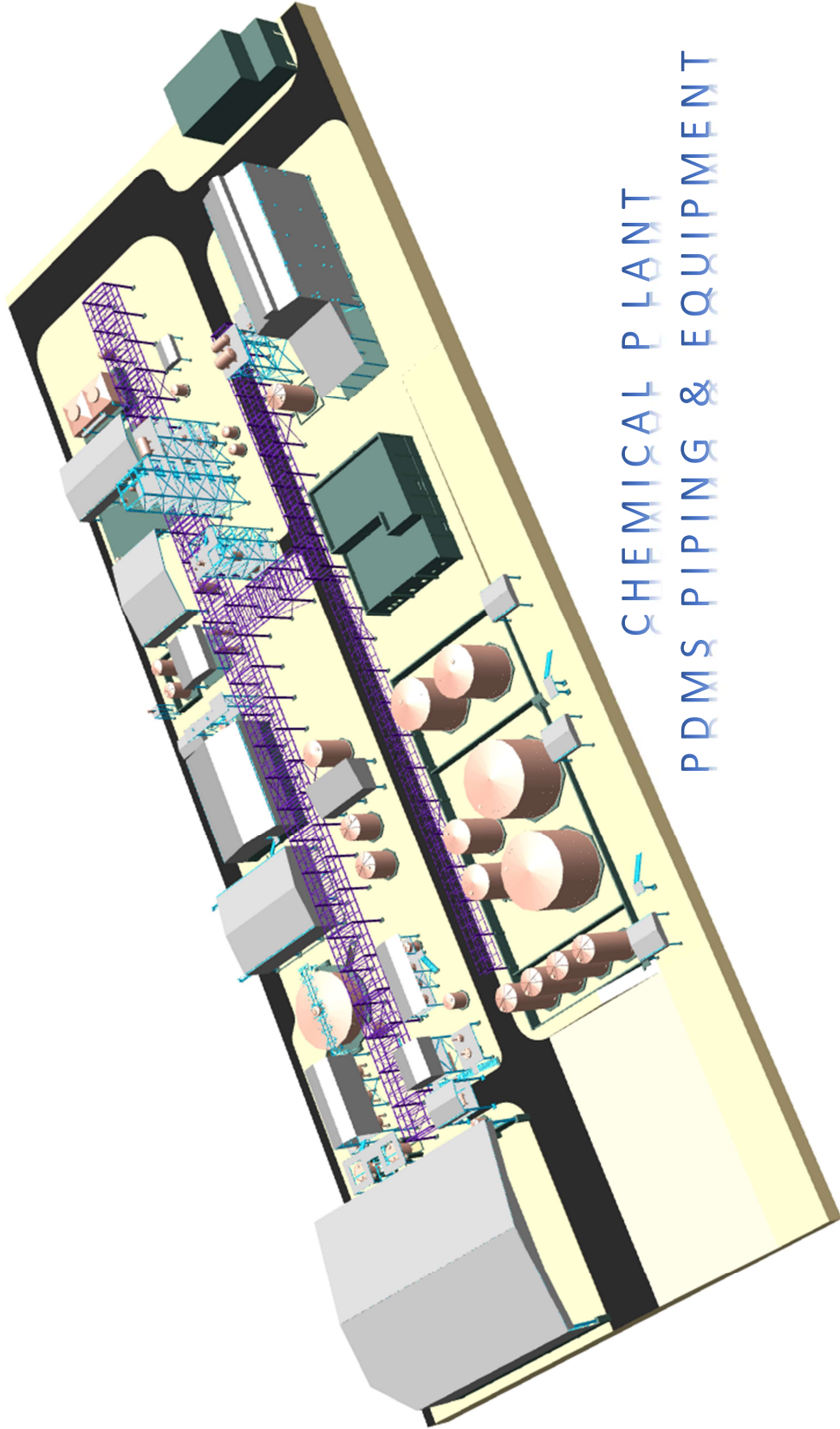


Chemical Plant - AVEVA E3D (PDMS) Appearance

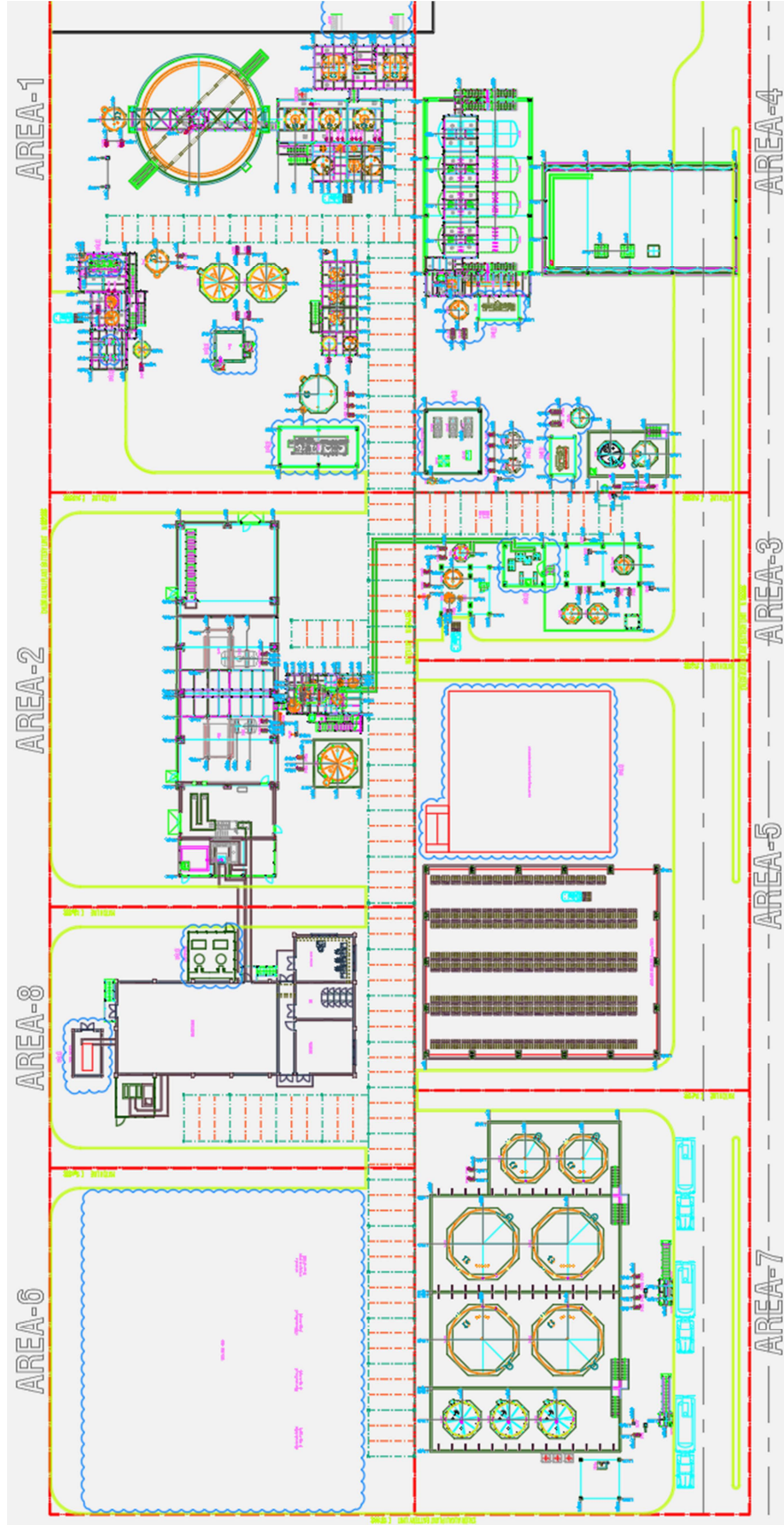
Other Photos:



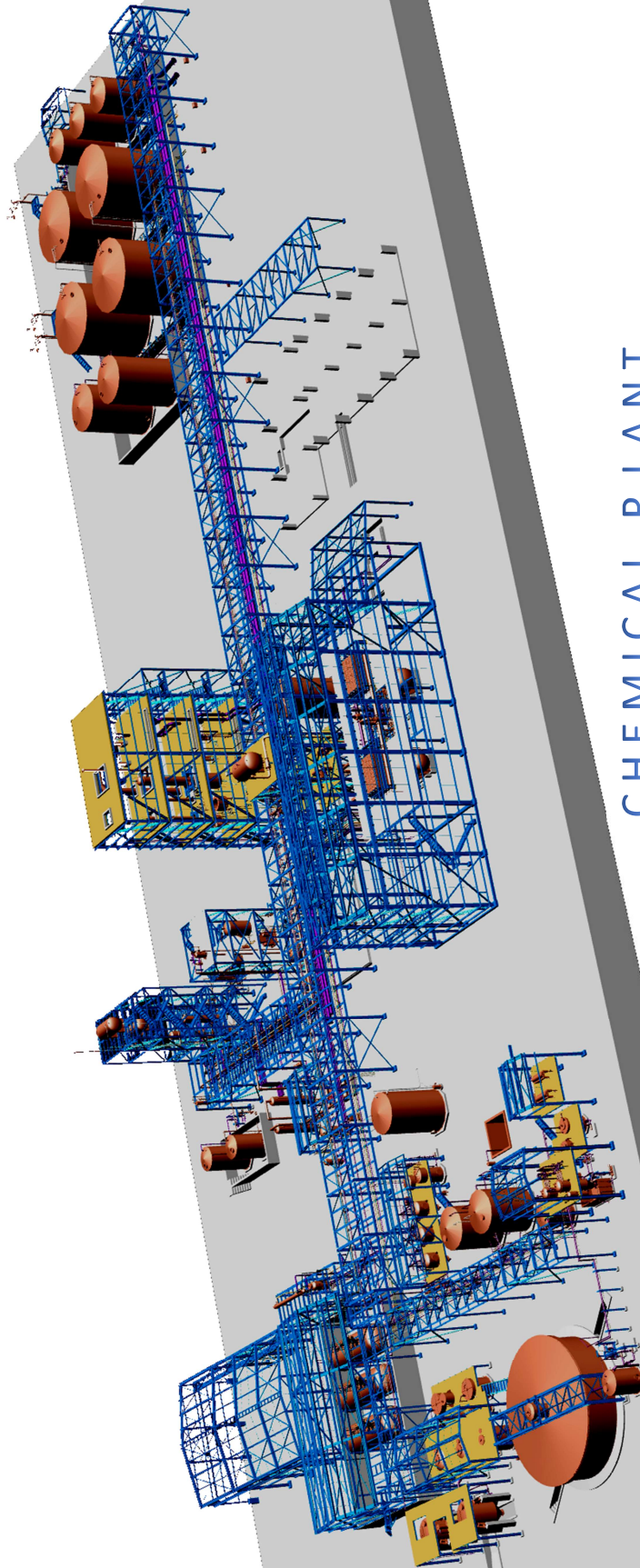
Chemical Plant - AutoPLANT Appearance



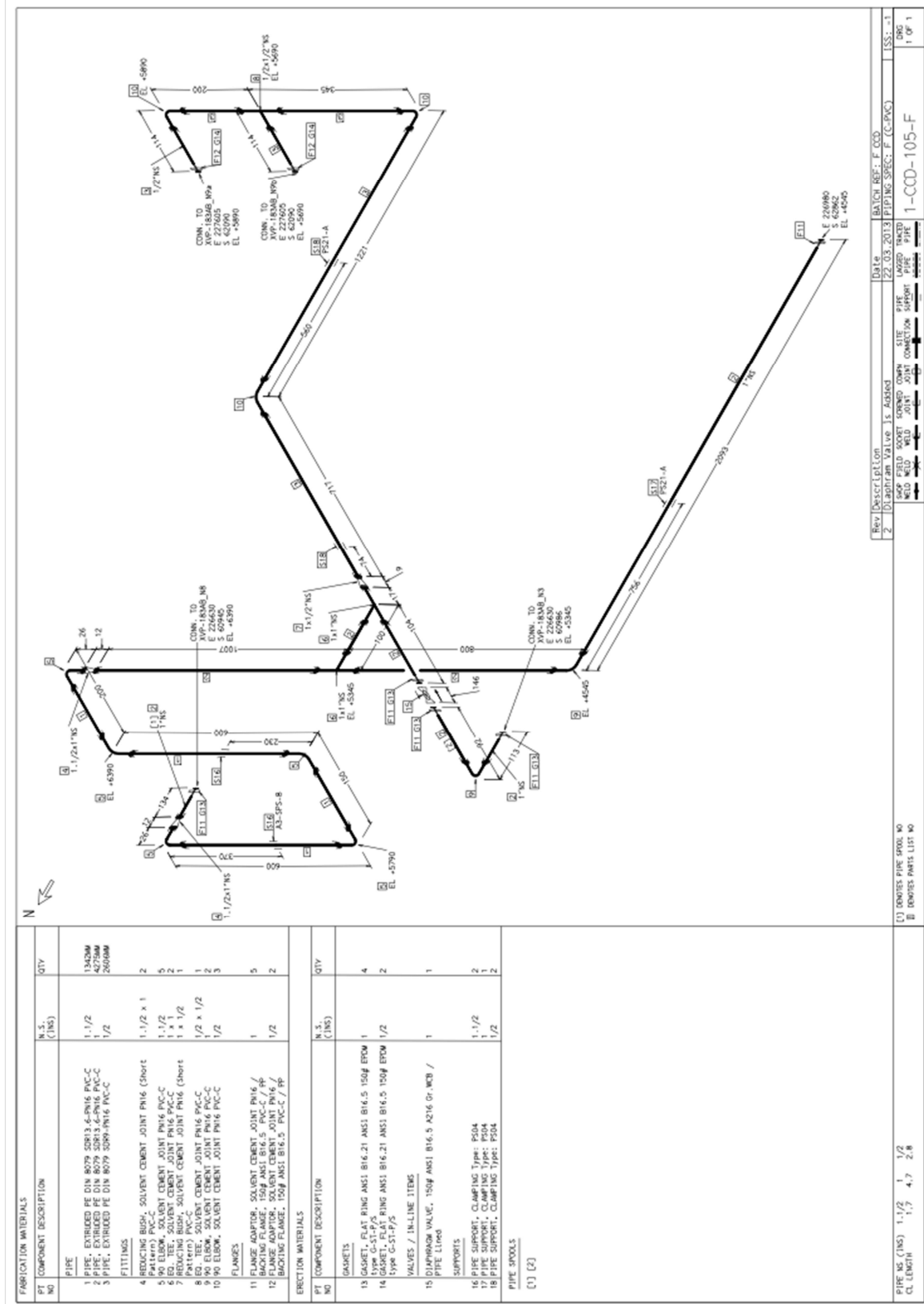
CHEMICAL PLANT
PRMS PIPING & EQUIPMENT



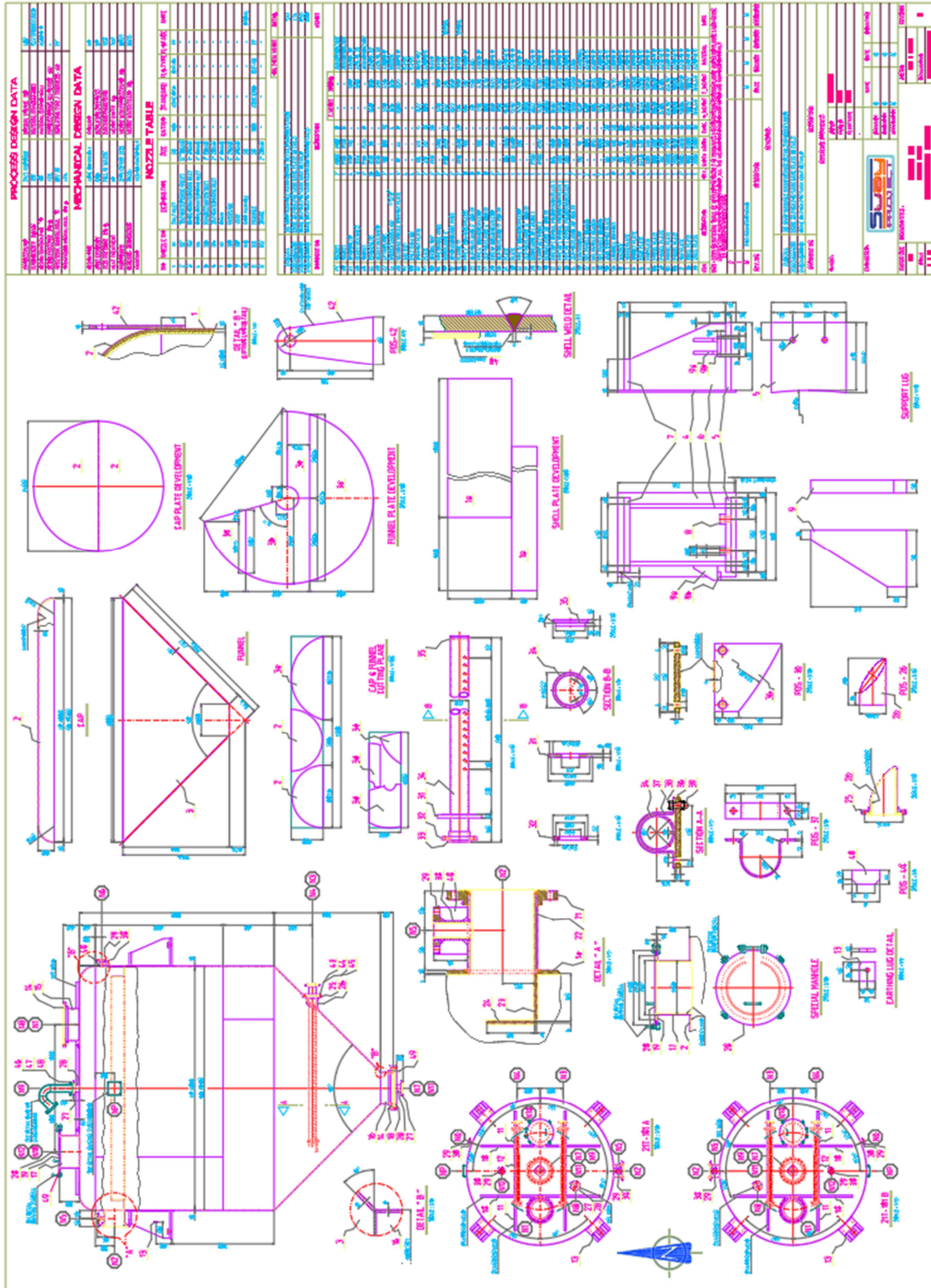
CHEMICAL PLANT - PLOT PLAN



CHEMICAL PLANT
PRMS PIPING & EQUIPMENT



EXAMPLE PRMS ISOMETRIC DRAWING



SAMPLE EQUIPMENT DRAWING