



SYGMA CADD LTD



(A Steel Detailing Company)

Company Registered No : SC 689992



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About Us

SYGMA CADD Sygma CADD initially started with two experienced Tekla modelers jointly working with one of the engineering & fabrication company in the year 2019. Today Sygma CADD having well trained and experienced Tekla modelers with Tekla Licenses Head office based in Edinburgh-UK and Back Office in Chennai-India.

Sygma CADD has excellent experience as an individual steel detailing company serving to support the Engineering & Fabrication companies in Oil & Gas, Power, Petrochemical, Process Industries, Electrical substations, agriculture buildings, and also Commercial Projects.

Our Engineering solutions contribute to better business outcome for clients. With our dedicated staff of Engineers & Designers. we have the capability of handling projects of all sizes. The services afford by us are Good in the industry in the field of any kind of Structural Steel Engineering.



Our Expertise

Expertise in BS, Eurocodes and AISC standards.

- ✓ Oil & Gas Modules and Offshore Platforms
- ✓ Power Plants - Boiler Support Structure, Waste to Energy support structures
- ✓ Petrochemical Refineries - Piperack's, Technological Structures, GIS Structures
- ✓ High Rises and Multi-Storey Structures
- ✓ Commercial, Industrial, Agricultural & Farm Buildings
- ✓ Electrical Substations structures, Electrical & communication Towers
- ✓ Misc. Structures like Stair & Balcony Handrails, Multi storey Staircase, Ladders
- ✓ Mesh panels, Floorings (Gratings), Mezzanine platforms, Durbar plats
- ✓ Circular Platforms, Rectangular Platforms, Mezzanine, Crossovers
- ✓ AISC - Commercial, School & Hospital Buildings



What We do

- ✓ 3D modelling
- ✓ Detailed drawings – Erection/General Arrangement drawings, Fabrication/Assembly drawings and Part/Piece small drawings in a Customized Drawing Layouts
- ✓ Advanced bill of materials & Prelim/Material Take off list
- ✓ Total Part, assembly list with Weight summaries
- ✓ Bolt summaries and Site Bolt assembly lists
- ✓ Check complete part clash and rectify before fabrication
- ✓ Strumis, Fabtrol, DSTV, CNC files Etc
- ✓ Prepare Laser/Plasma cutting Drawings/ .dxf / .stp files



Infrastructures

Edinburgh office-UK

600 Sqft Space

High Configured Work Stations with faster fibre network

A3 Printer and Scanner

QNAP network storage

Online Cloud Storage

E-mail Id's with Good communication facilities.

Chennai office - India

800 Sqft Office Space

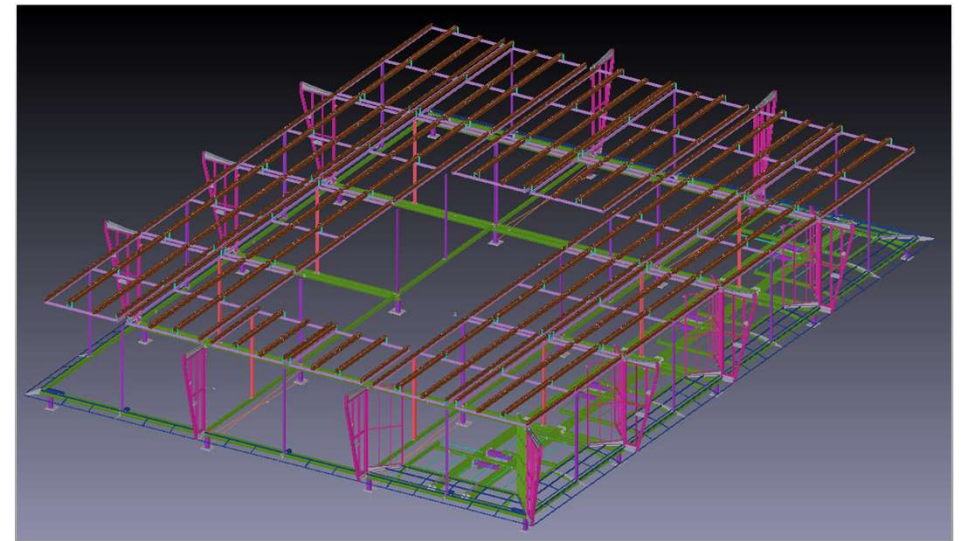
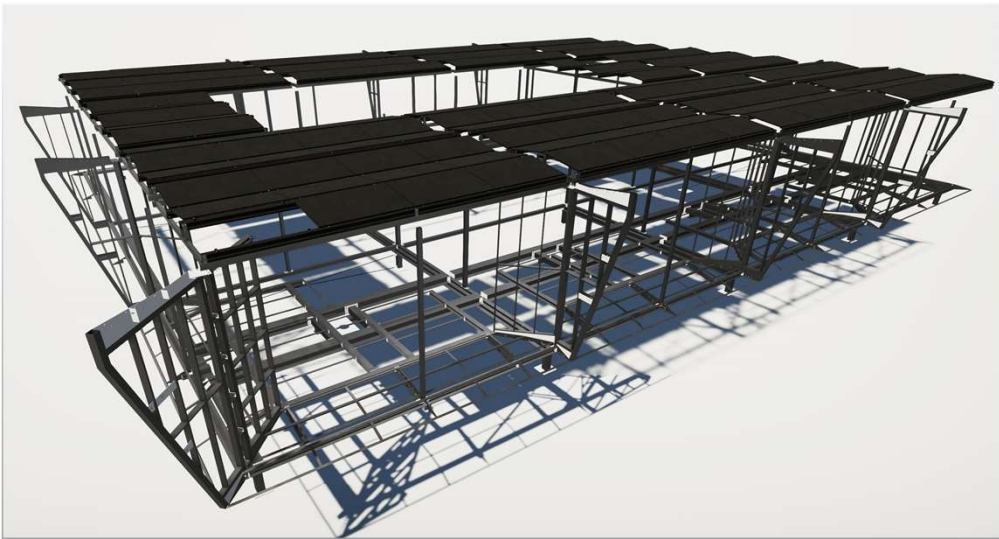
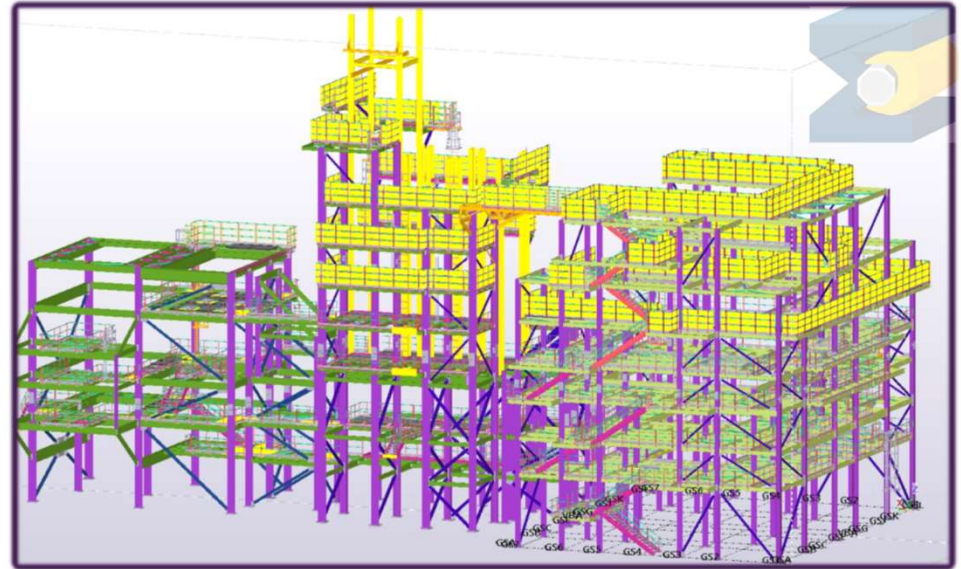
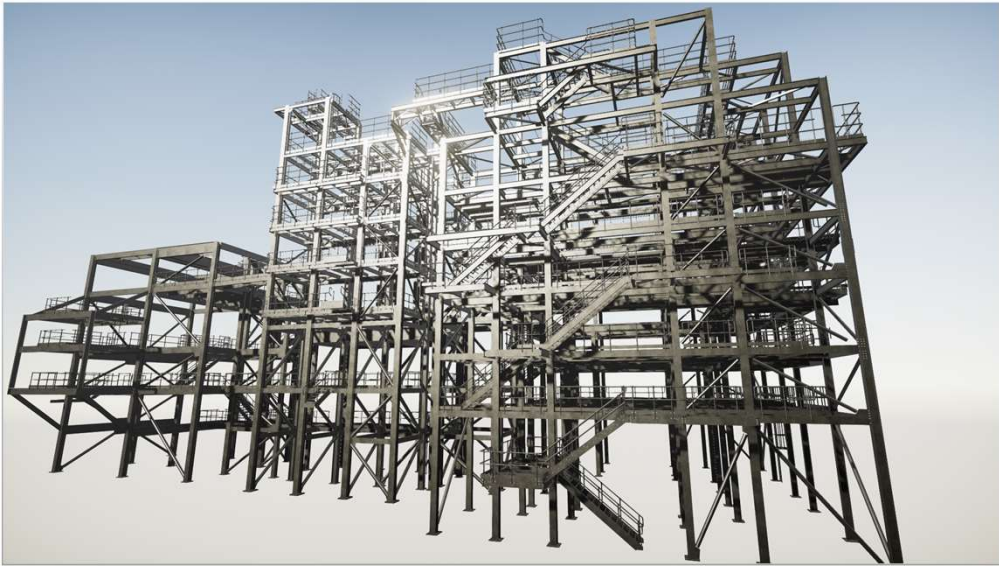
High Configured Work Stations with Broadband network

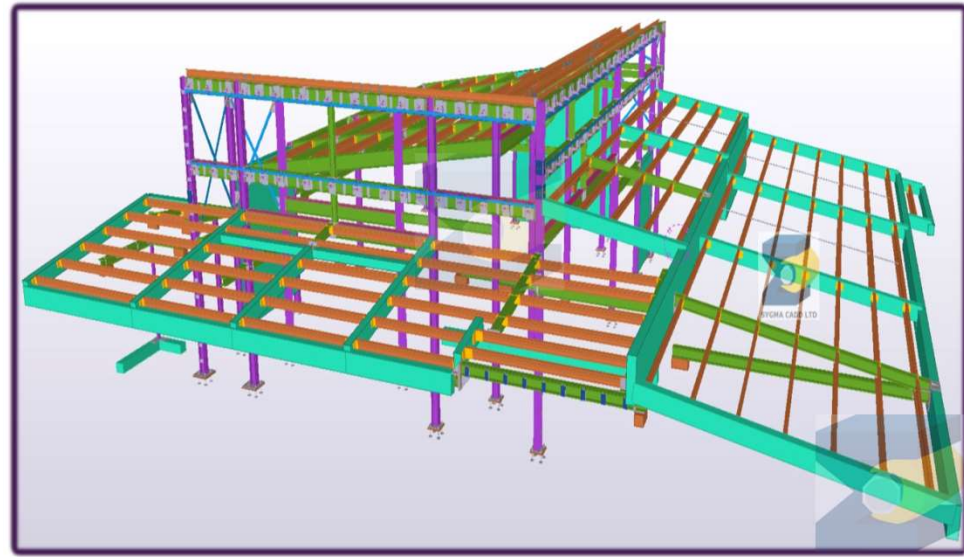
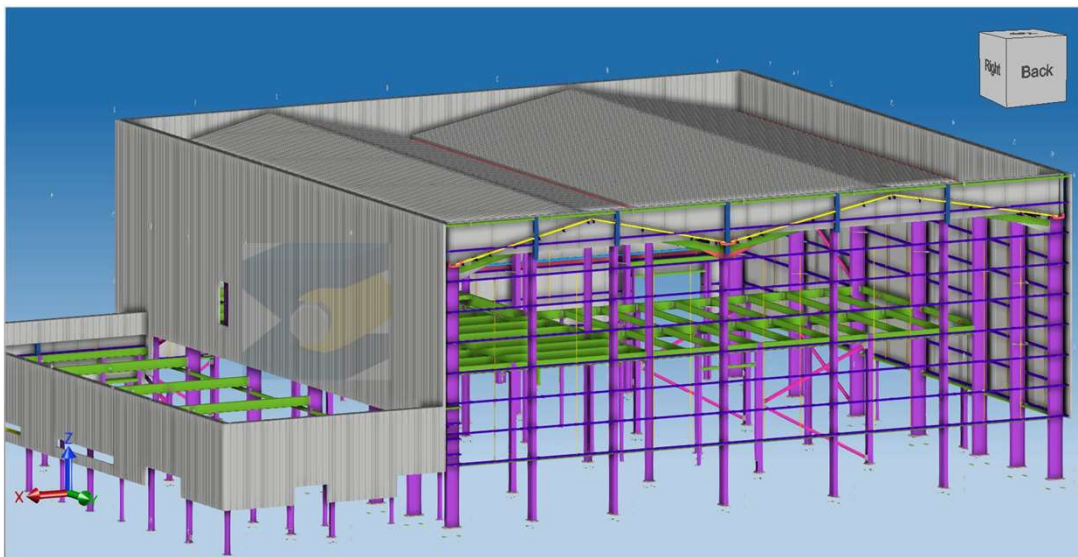
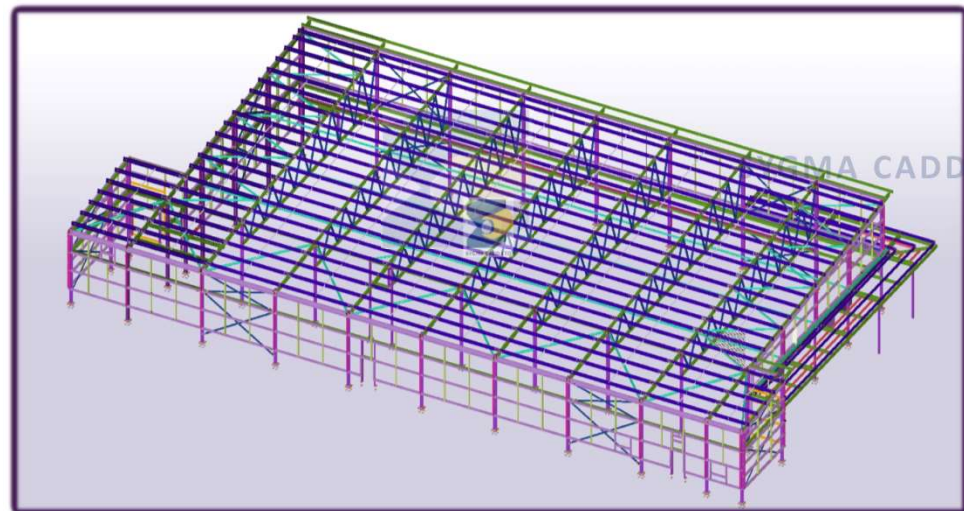
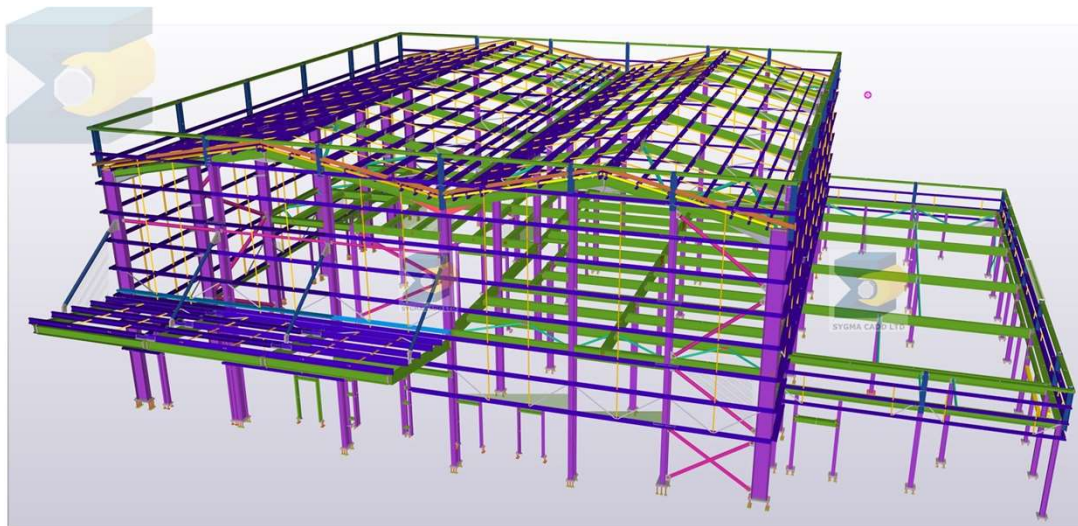
A3 Printer and Scanner

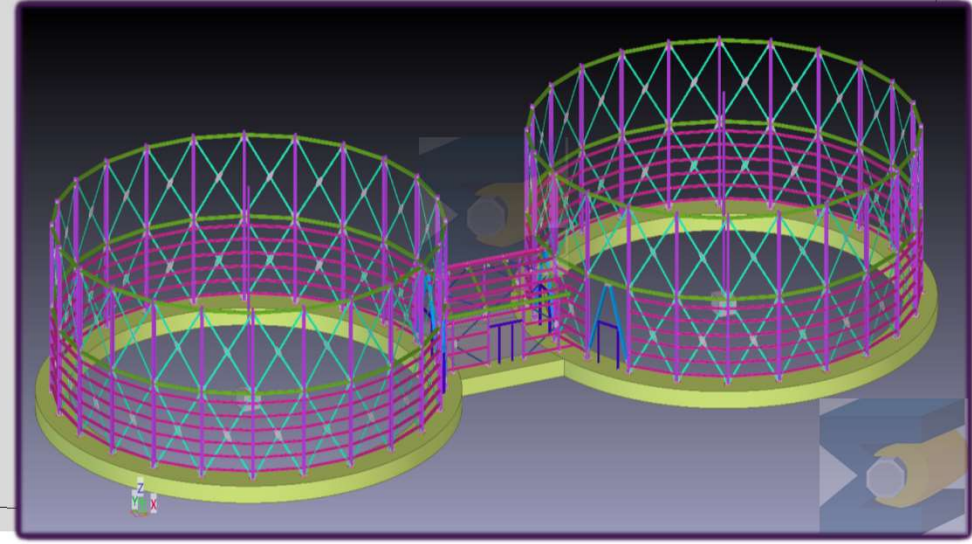
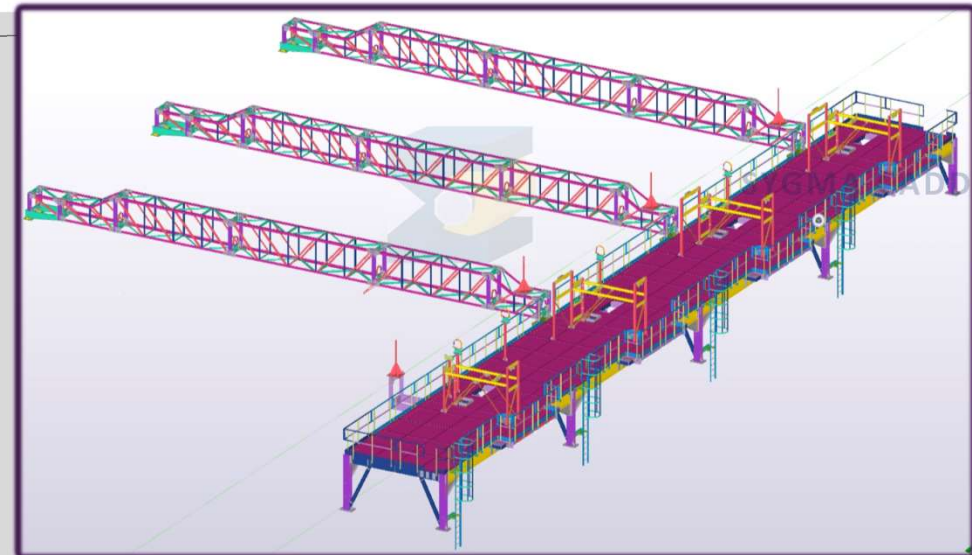
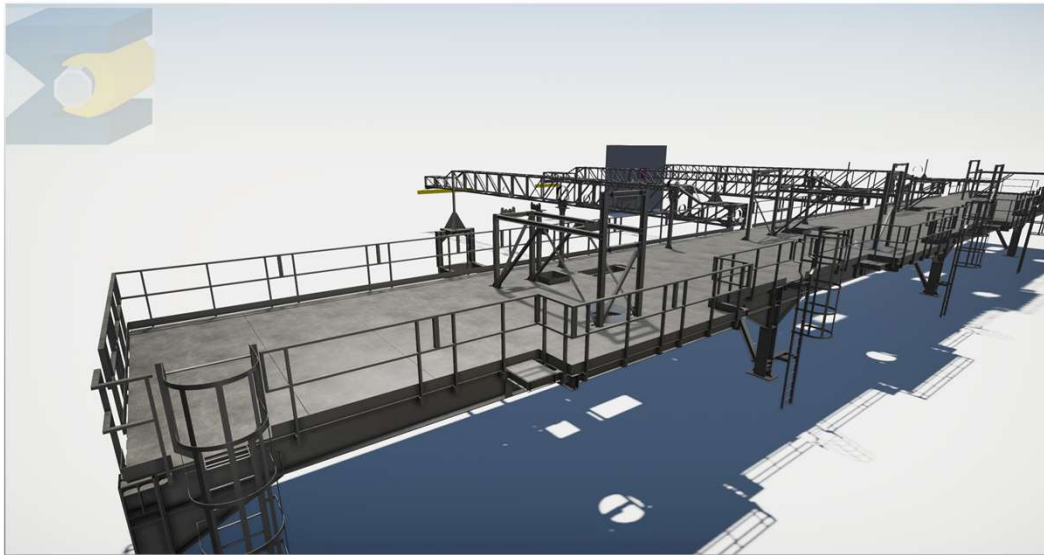
QNAP network storage

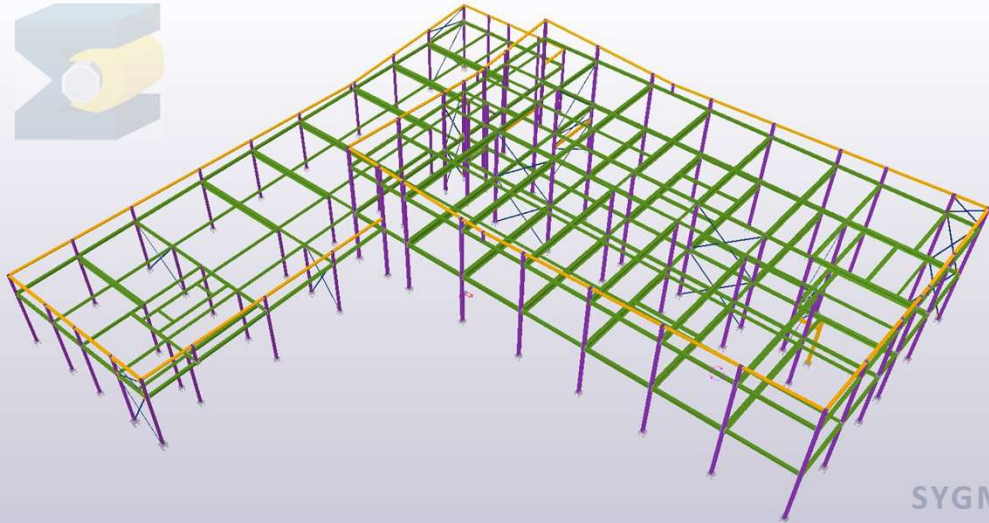
Online Cloud Storage

E-mail Id's Good communication facilities.



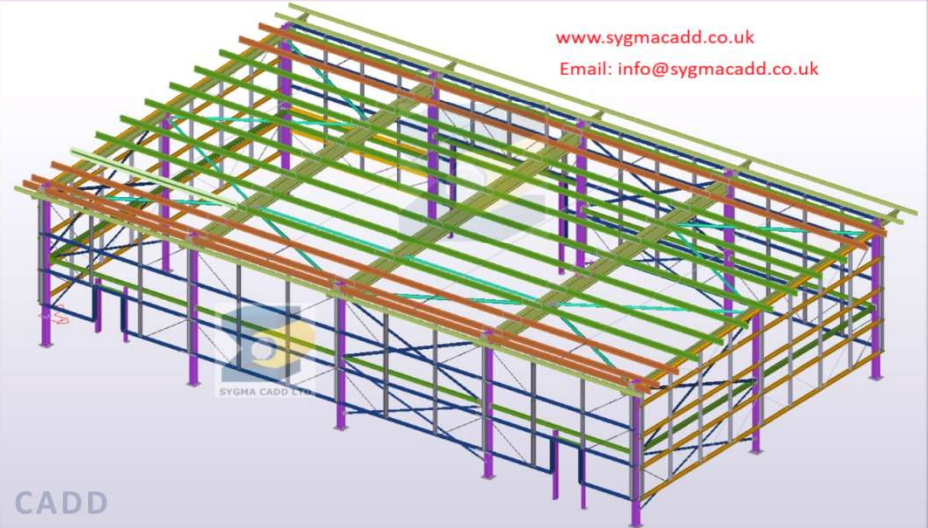






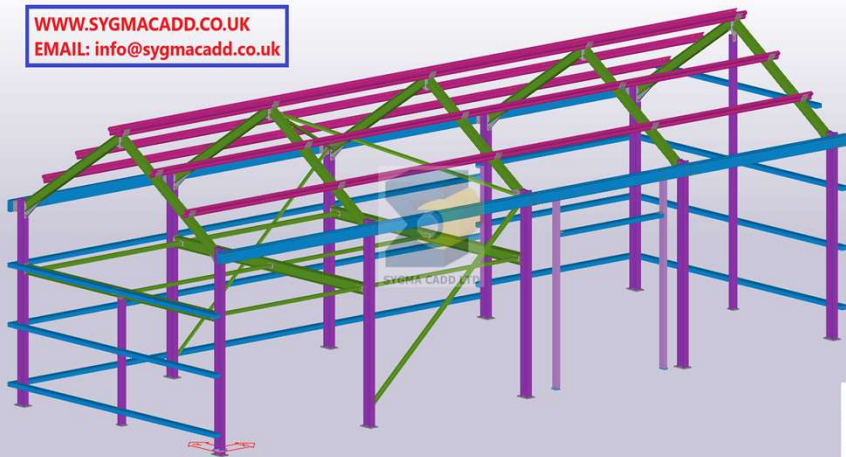
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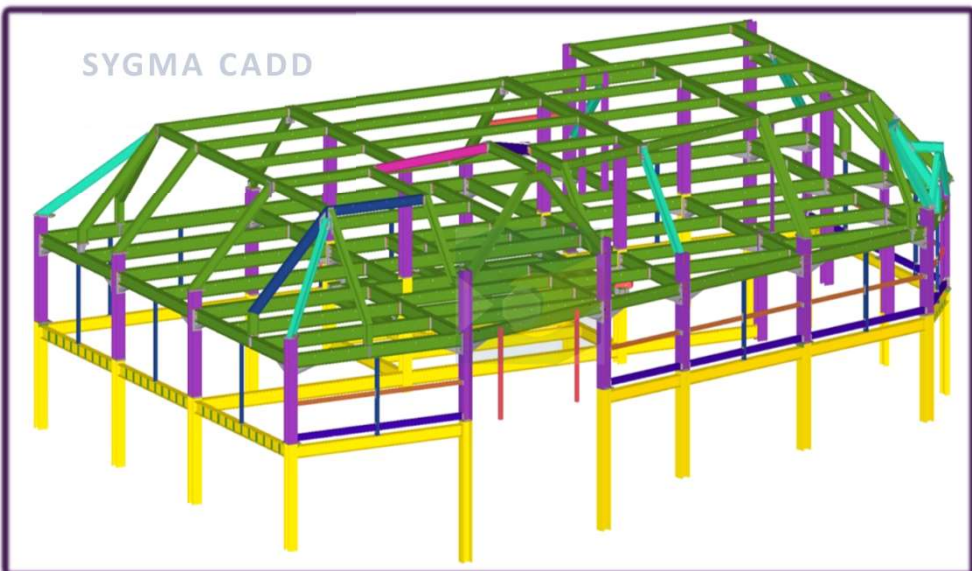
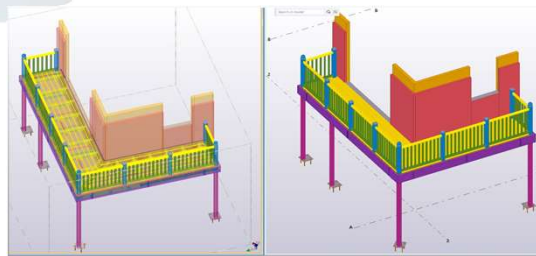
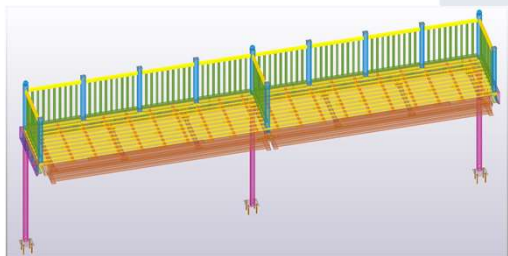
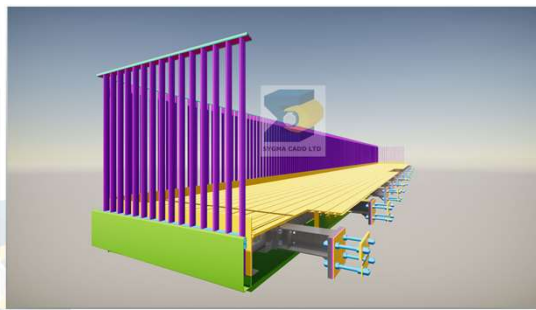
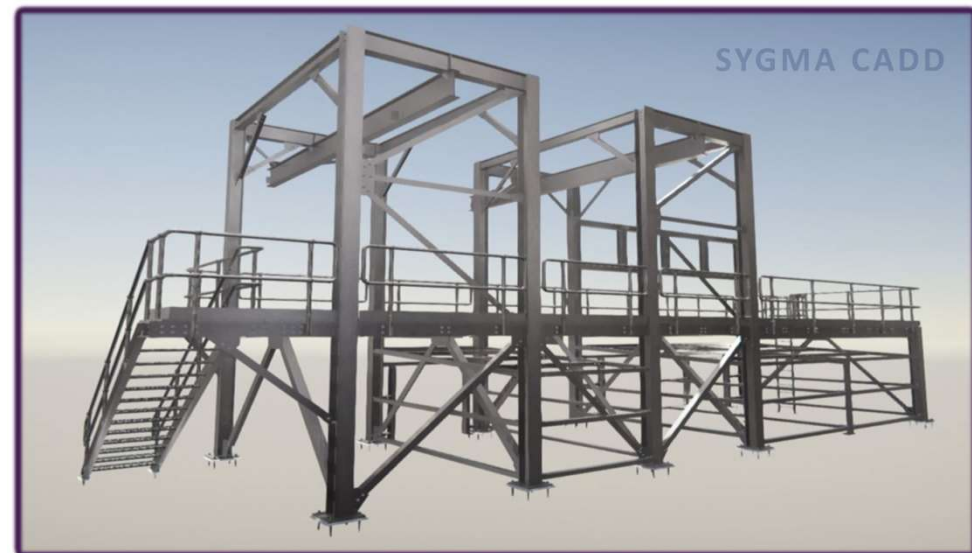
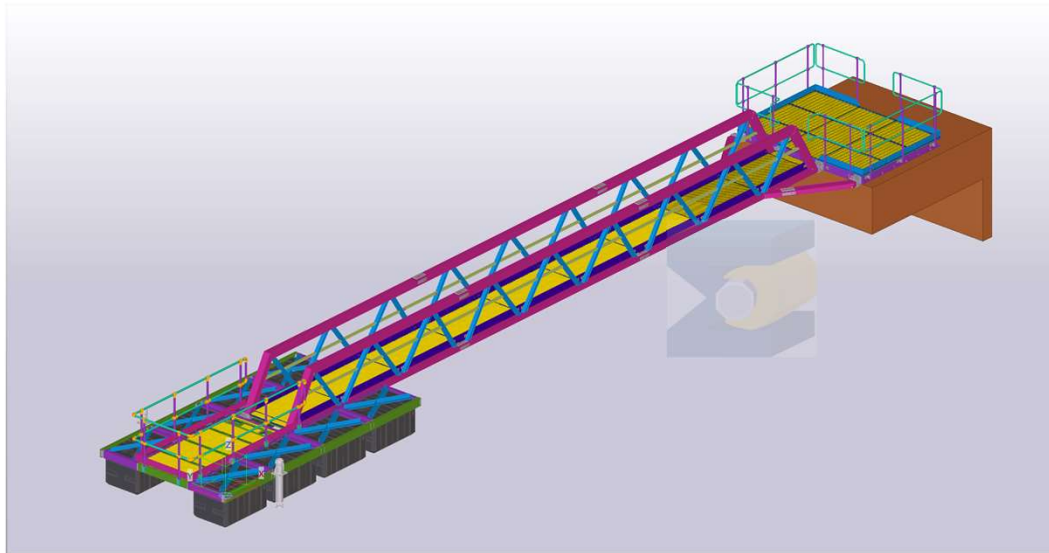
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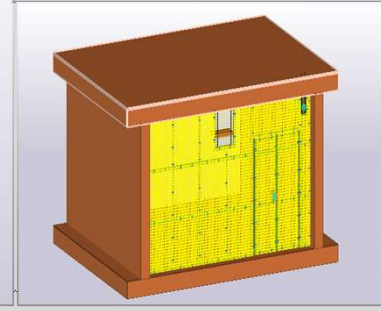
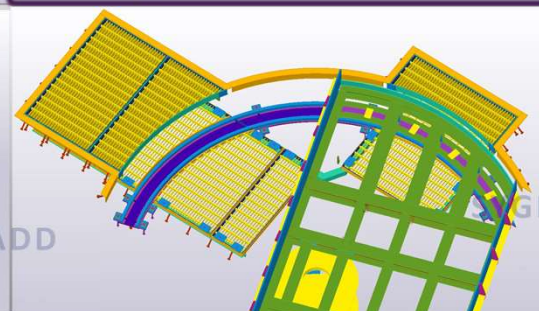
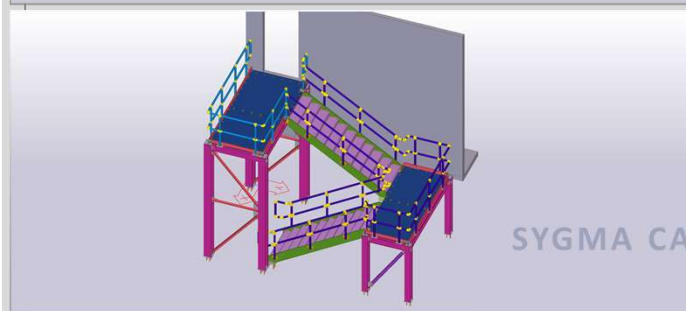
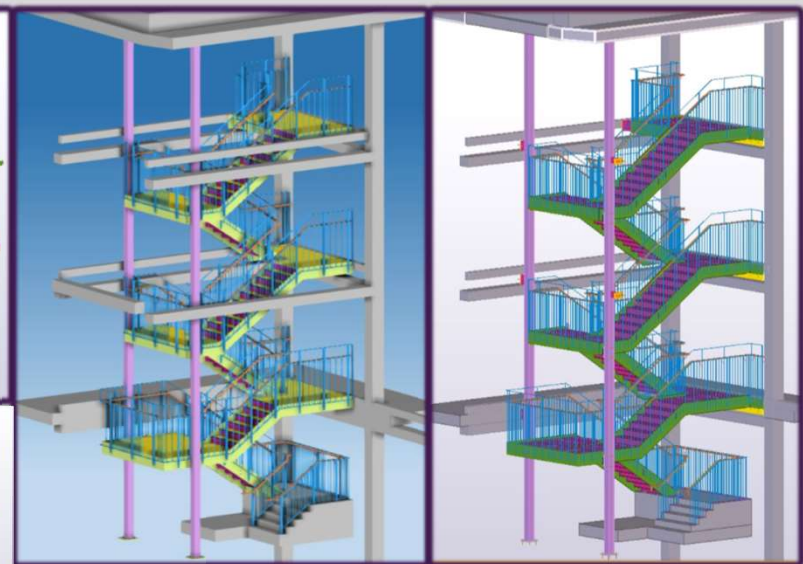
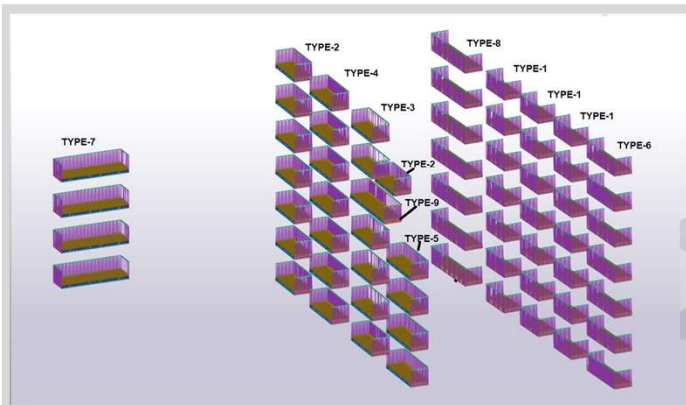
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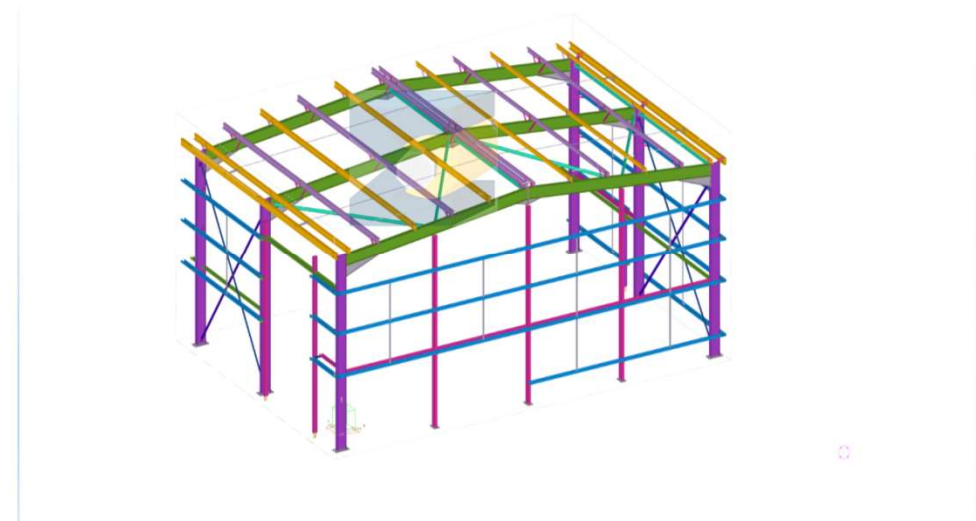
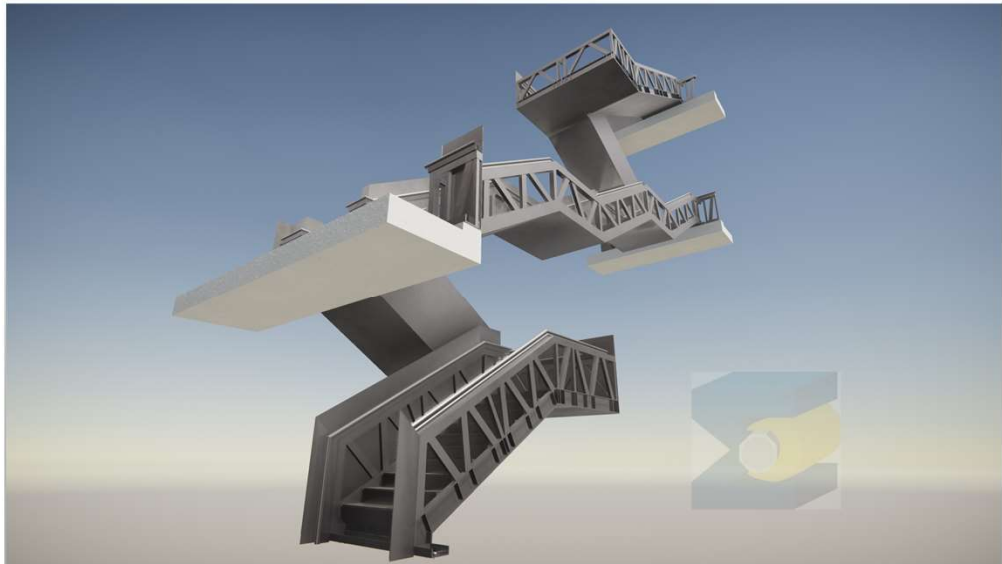
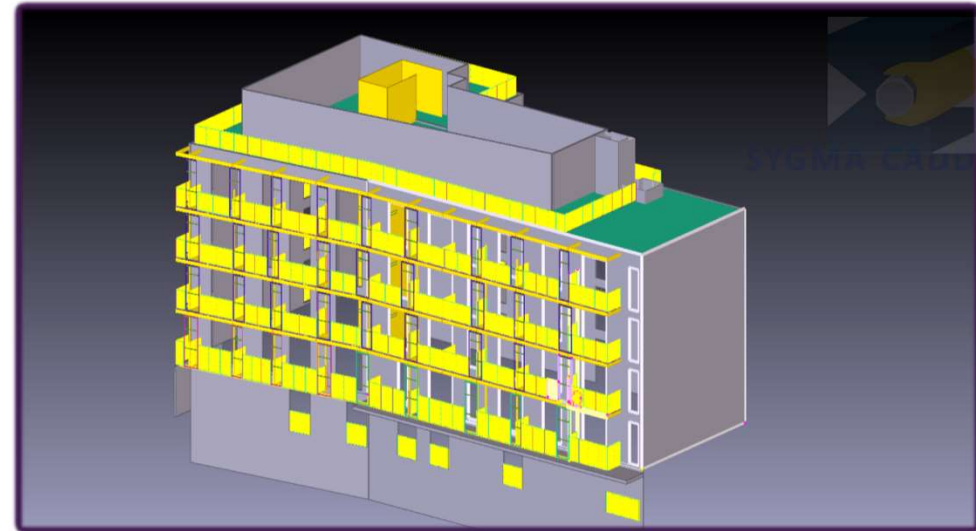


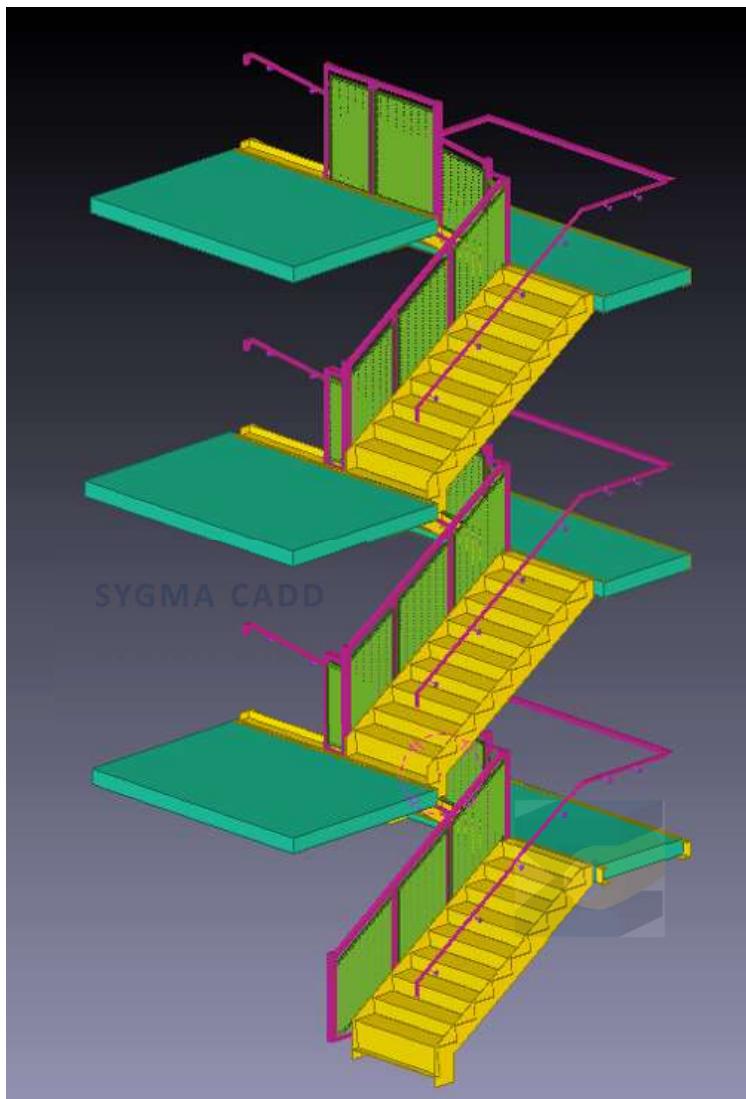


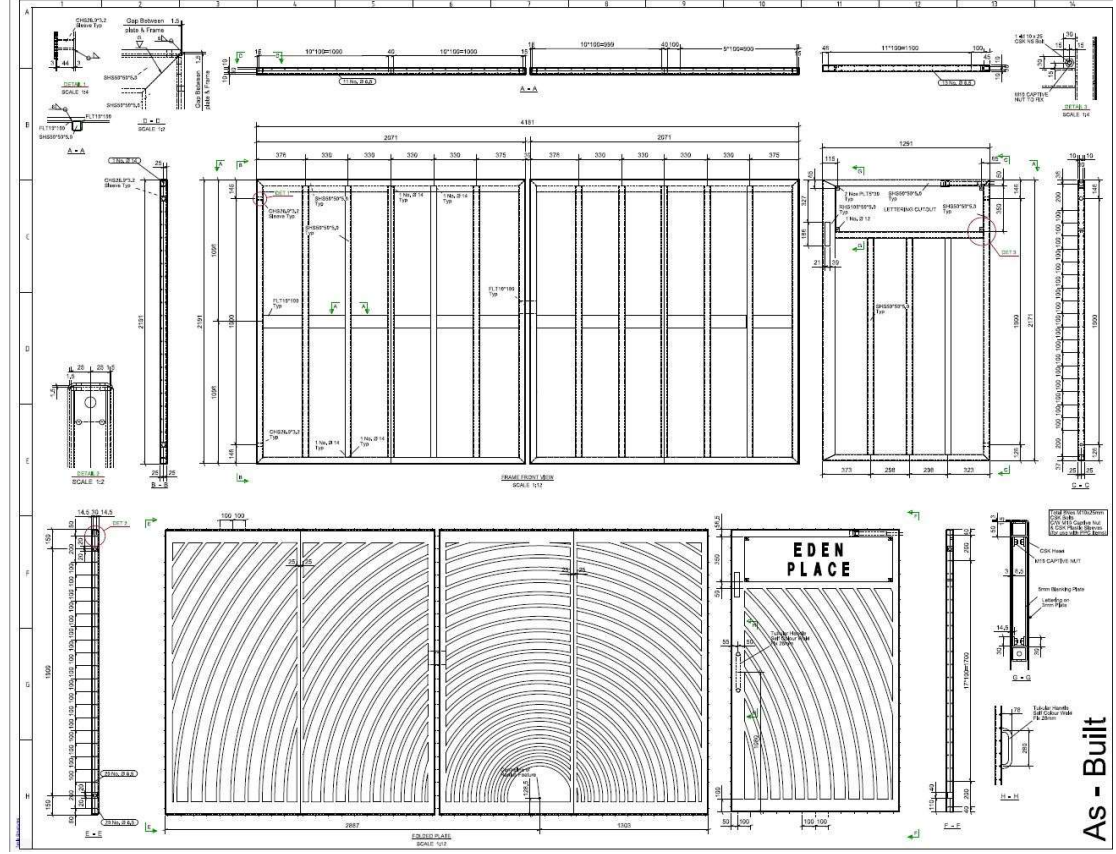
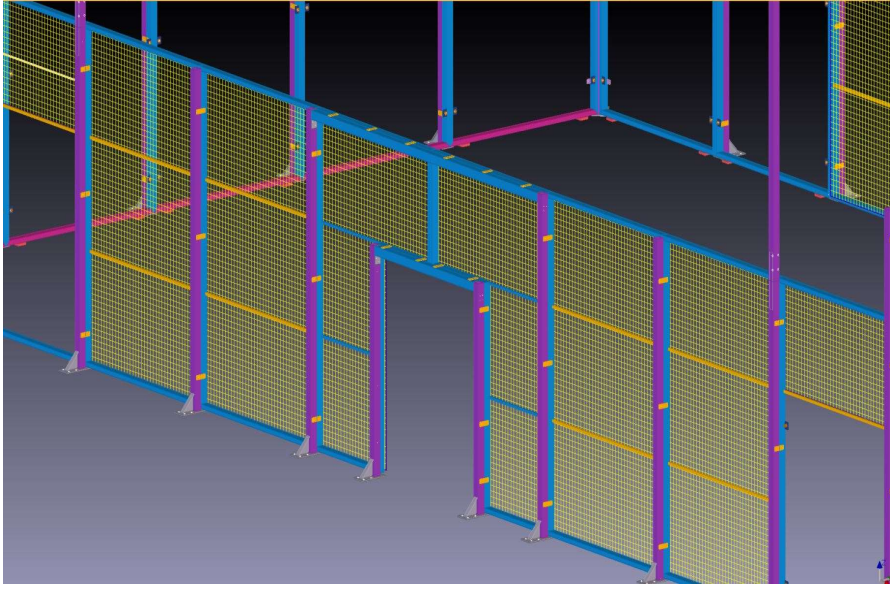


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COMPLETED PROJECTS

S.NO	PROJECT NAME	DESCPTION/SCOPE OF WORK	TONNAGE
1	BOILER SUPPORT	WASTE TO ENERGY BOLIER SUPPORT	280 Tons
2	POWER NEST	SOLAR PANEL SUPPORT STRUCTURE	3.5 Tons
3	AVIARIES	AVIARIES STRUTURE	75 Tons
4	PONTOON BRIDGE	PONTOON BRIDGE AND FLOATING PLATFORM TO SUPPORT DOCK FLOAT MP 1100 (8Nos)	6.8Tons
4	MARKET STREET	BALLUSTRADE TO STAIR AND ITS LANDINGS (3 STOREY)	500 Kg Steels
5	BONNINGTON	BALLUSTRADE TO STAIR AND ITS LANDINGS (3 STOREY - BLOCK 1 TO 5)	4.3 Ton Steels
6	QM	3 FLIGHTS AND MULTI LANDINGS, FULLY WELDED STAIR WITH ELEVATOR LIKE HANDRAILS (3 Different Stairs)	43 Ton Steels



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