

PENNAR GROUP





- Strong presence in Automotive, Infrastructure, Railways and Environmental sector
- Seven manufacturing facilities in India
- Largest Cold Formed steel profile manufacturer in India
- Operation history of over 35 years
- Sales Support and Marketing with 35 branches across India

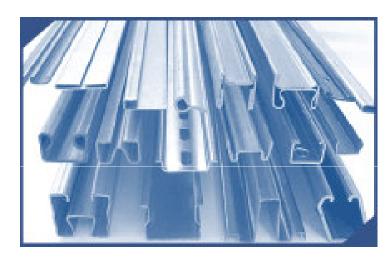
PENNAR INDUSTRIES LTD.



Products

- Cold Roll Steel Strips and Tubes
- Profiles for Automobiles
- Road Safety Barriers
- Railway Coach Components
- Engineering and Auto Components
- Building Components
- Pollution Control Equipment





INTRODUCTION TO PEBS PENNAR



- A subsidiary of Pennar Industries Ltd., Hyderabad
- Incorporated in 2008 & commercial production in Jan 2010
- Involved in design, fabrication, supply & erection of:
 - Pre-engineered steel buildings
 - Hi-rise buildings & structural steel
 - Solar structures
 - Cold formed buildings
 - Industrial racking system
 - Transmission & Communication Towers
- Engineering Center & Manufacturing Plant at Hyderabad & Vadodara



TECHNICAL ASSOCIATION







PEBS Pennar has Technical Association with NCI Group, USA for Double Lok® Standing Seam Roofing System, proven weather tight technology since 60 years in USA



MANUFACTURING FACILITY



















State-of-the-art manufacturing facility with a production capacity of 120,000 MT per annum

MANUFACTURING FACILITY



Capacity of 1,20,000 MT per year

Hyderabad – 90,000MT Vadodara – 30,000MT



ENGINEERING CODES & SOFTWARE



SOFTWARE

- Metal building Software MBS, USA
- Staad Pro V8i US Code and IS Code Bentley corporation, USA
- Auto CAD Autodesk Inc. USA
- Estimation Software In-house developed
- 3D Max Studio Autodesk Inc., USA
- X-Steel (Tekla structure) Trimble , Finland
- ❖ E Tabs, SAP 2000 V14

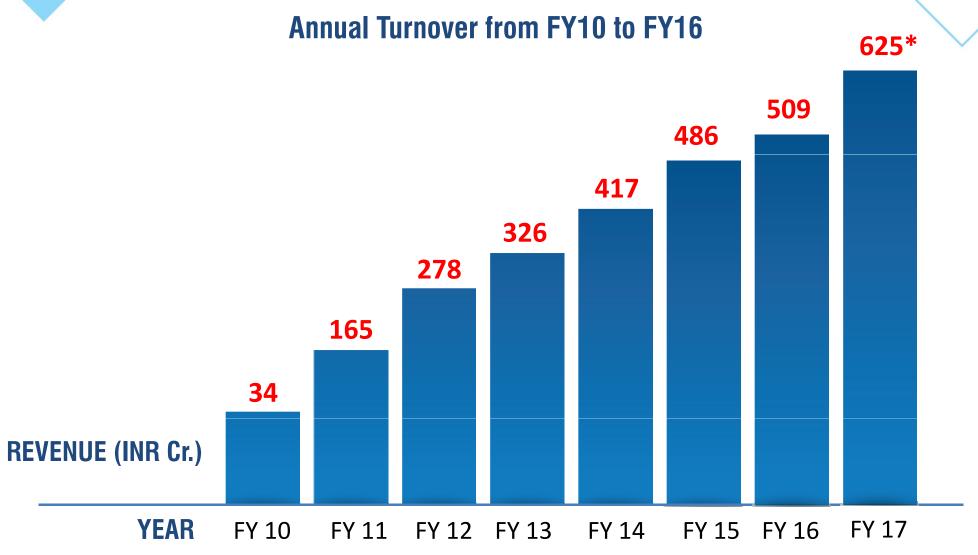
CODES

- American
- Euro
- British
- Indian



THE GROWTH STORY





Procured orders worth over Rs. 2,800 Cr. from the date of inception

AWARDS



- Construction Week India Awards 2013
 Infrastructure Company of the Year
- TV5 Business Leader Award 2015
 Infrastructure Category (Medium)
- Construction Week India Awards 2013
 PEB Contractor of the Year
- IEI Industry Excellence Awards 2015
 Excellence Award
- IEI Industry Excellence Awards 2013
 Excellence Award
- CIDC Vishwakarma Award 2016
 Best Professionally Managed Company

INSDAG National Award 2014
Certificate of Commendation

- ACCE(I) Bhagawati Award
 Outstanding Design of Industrial Plant
- VC Circle Award 2015

 Manufacturing Company of the Year
- Construction World-Top Challenger Award
 Top Challenger
- CIDC Vishwakarma Award 2015

 Best professionally managed company
 Best PEB Building of the Year
- Construction Week India Awards 2016
 PEB Project of the Year-Runner Up

- Dun & Bradstreet Infra Award 2016
 Industrial Building
- IEI Industry Excellence Awards 2016
 Excellence Award

OUR CREDENTIALS



CERTIFICATE TUV NORD

Management system as per ISO 9001 : 2008

In accordance with TÜV INDIA procedures, it is hereby certified that

PENNAR ENGINEERED BUILDING SYSTEMS LTD.

CORPORATE OFFICE: 9th Floor (West Wing), DHFLVC Silicon Towers, Kondapur, Hyderabad - 500 084 WORKS: Survey, No.144 & 145, Chandapur Village, Sadasivpet Mandal, Medak District, Hyderabad - 500 084 Andhra Pradesh, India



applies a quality management system in line with the above standard for the following scope

Design, Manufacture, Supply & Erection of Pre-Engineered Building Systems

Certificate Registration No. QM 06 00151 Audit Report No. Q 3358/2010 Valid until 21.12.2016 Valid from 22.12.2013 Initial Certification 22.12.2010

SKKulta

el TÖV NOIA PVT, LTD.

Issue 09.12.2013

Place : Mumbal

This pertitional was conducted in accordance with the TÜV INDIA auditing and certification procedures and is subject to regular surveillance audits.

TUV India Pvt. Ltd., 801, Raheja Plaza – 1, L.B.S. Marg, Ghalkoper (W), Mumbel - 400 C66, India www.tuvindia.co.in







OUR CREDENTIALS









CERTIFICATE OF APPRECIATION



This is to certify that MR. BABY SUBIN of M/S. PEBS PENNAR has been adjudged "BEST SAFETY CONSCIOUS SUPERVISOR - CONTRACTOR" for the year 2011.

Management is looking forward for your total involvement and further contribution in the field of Occupational Health & Safety in making this unit a complete incident free unit at all times.

Date: 04.03.2012





ADVANTAGES OF STEEL IN MULTISTORIED STRUCTURES

ADVANTAGES



1. Faster occupancy:

With PEBs, we can save 40% for multistoried buildings. **Early occupancy** generates early returns

2. Cost efficiency:

Optimized design results in less usage of steel and cost

3. Flexibility of expansion:

PEBs are easy to expand or modify in future

4. Low maintenance:

PEBs need very minimal maintenance

ADVANTAGES



6. Earthquake & Hurricane resistant:

PEBs are designed to take care of earthquake/hurricane impact

7. Single-source responsibility:

In PEBs, responsibility starting from design till erection lies in single hand, hence no hassle of multiple agencies

8. Factory controlled Quality:

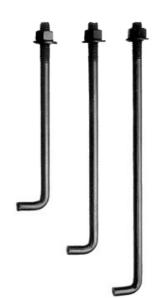
From raw material till finish, at every stage, quality is been controlled thoroughly

9. Re-locatable:

PEB buildings can be dismantled and re erected at other locations



ANCHOR BOLTS



ASTM A36 Black

PLATES



ASTM A572 for plates Y S-345 Mpa

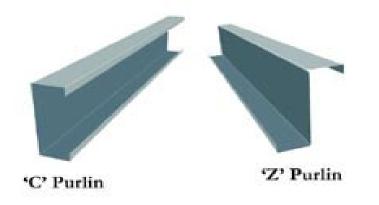


H R SECTIONS



IS 2062 Y S-245 Mpa

COLD FORM SECTION



ASTM A653M Y S-345/450 Mpa - Pregalvanized – 120/275 GSM



CONNECTION BOLTS



ASTM A325/A307 - Electrogalvanised

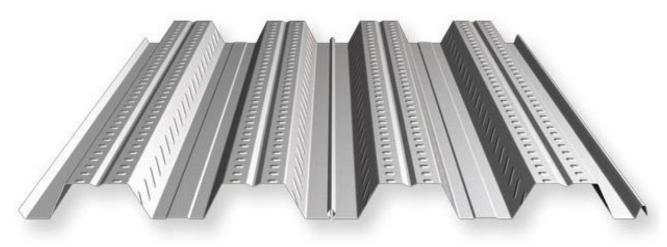
SHEETING



ASTM A792 M
Colored Galvalume –
RMP/SMP or Plain
Galvalume
Y S-345/550 Mpa Thickness
0.5/0.6mm TCT



DECKING SHEET



ASTM A653, or equivalent

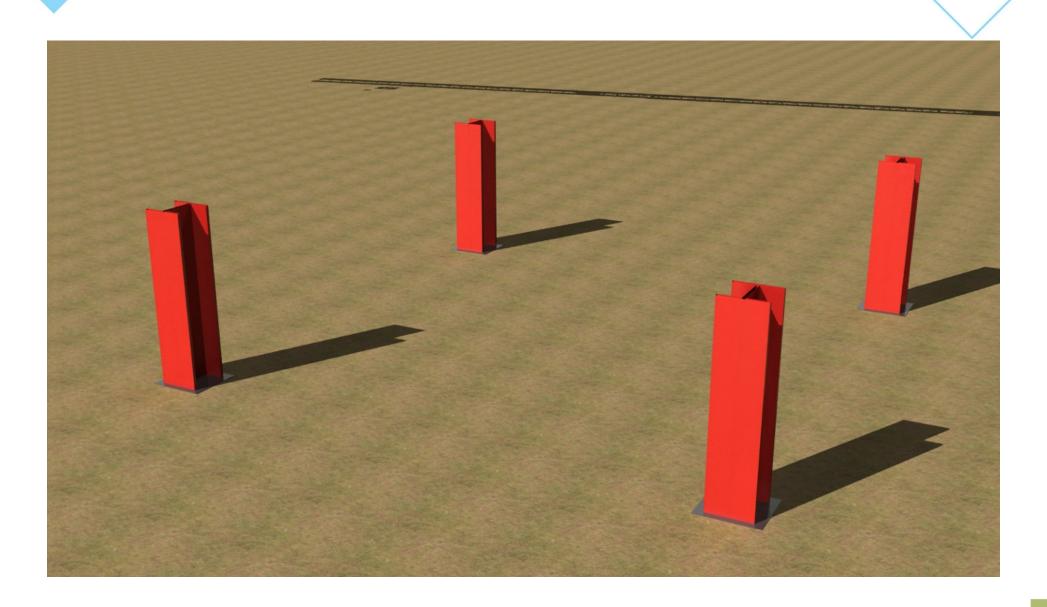
Galvanized 120/275 GSM, Profile 52/75 deep

Y S-240/345 Mpa - Thickness 0.6/0.7/0.8/0.9/1.0/1.2mm TCT

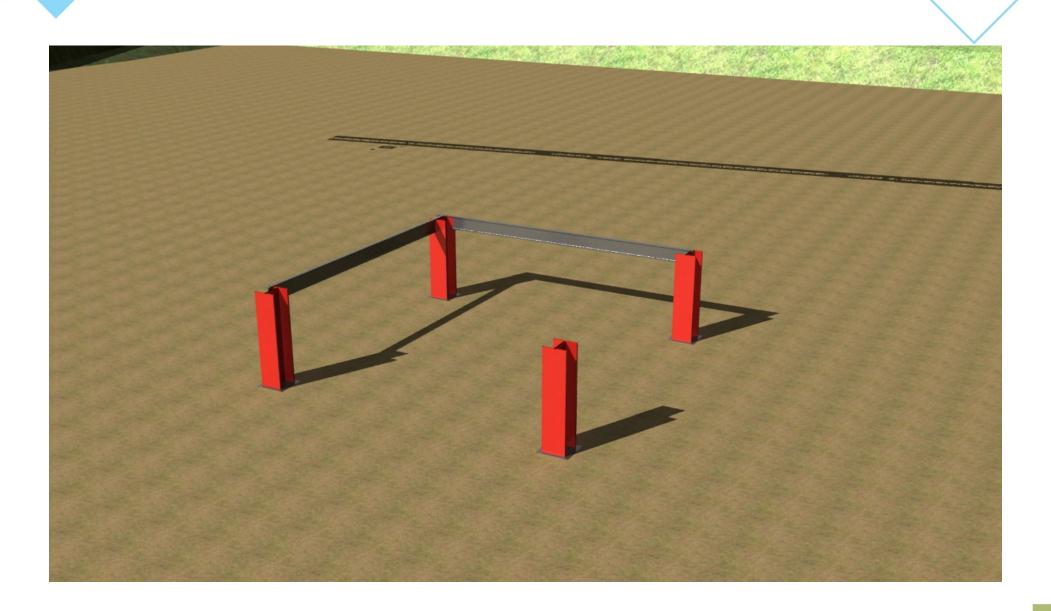


MULTISTOREY STRUTURES CONSTRUCTION METHODOLOGY

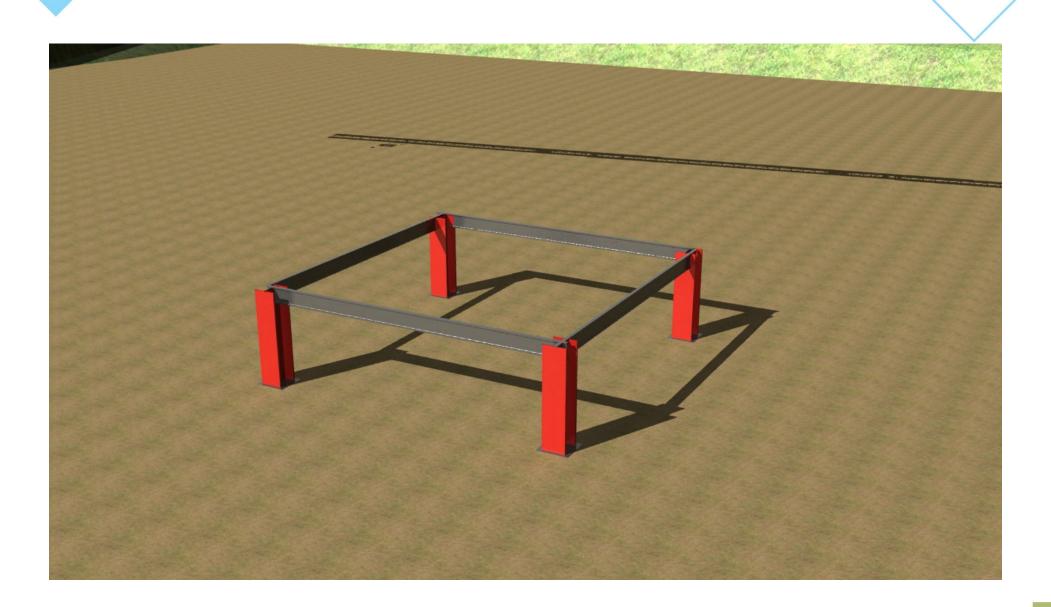




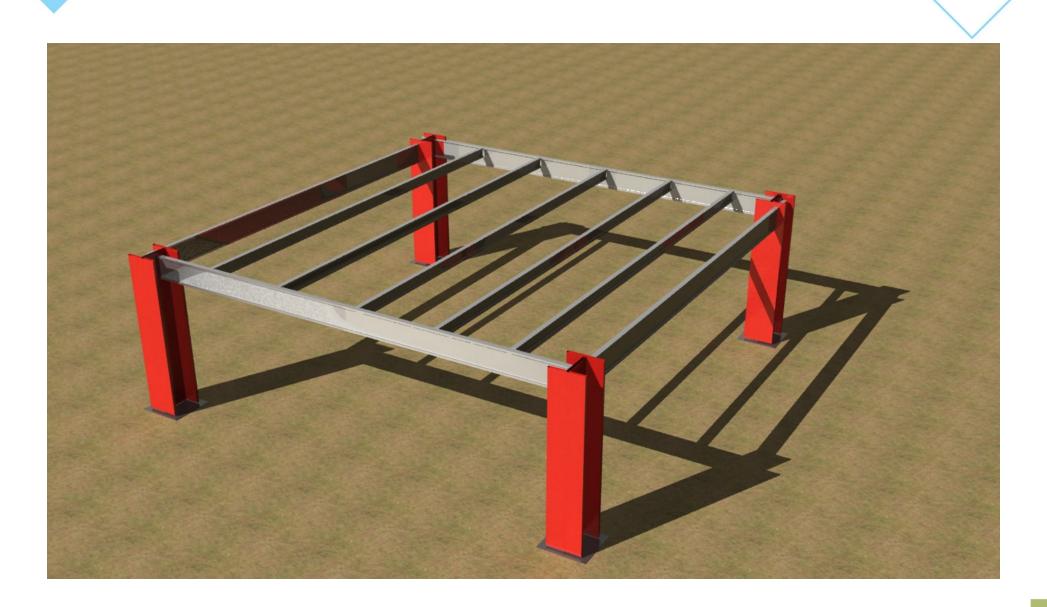




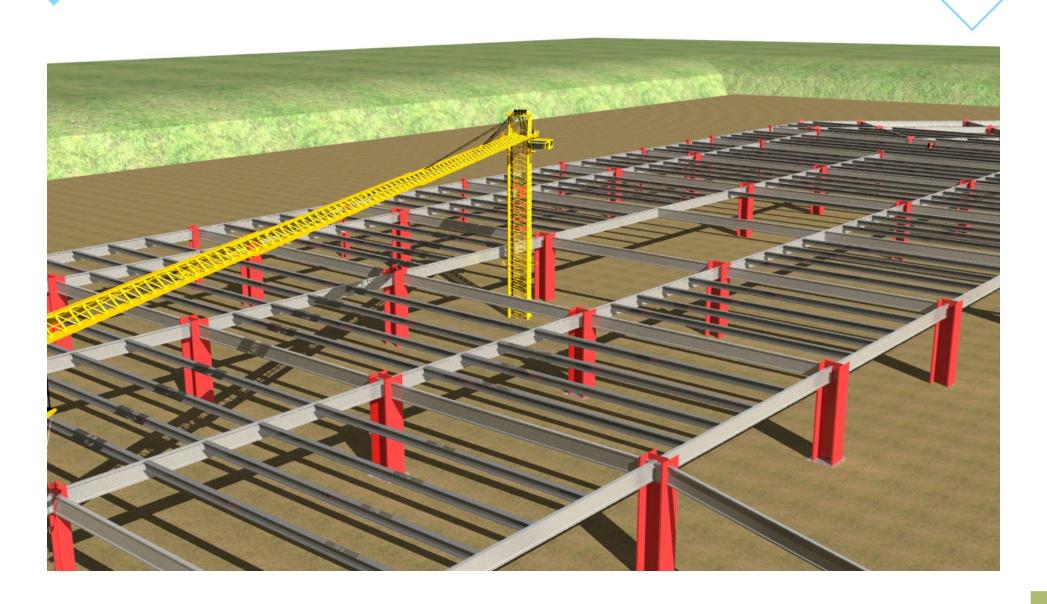




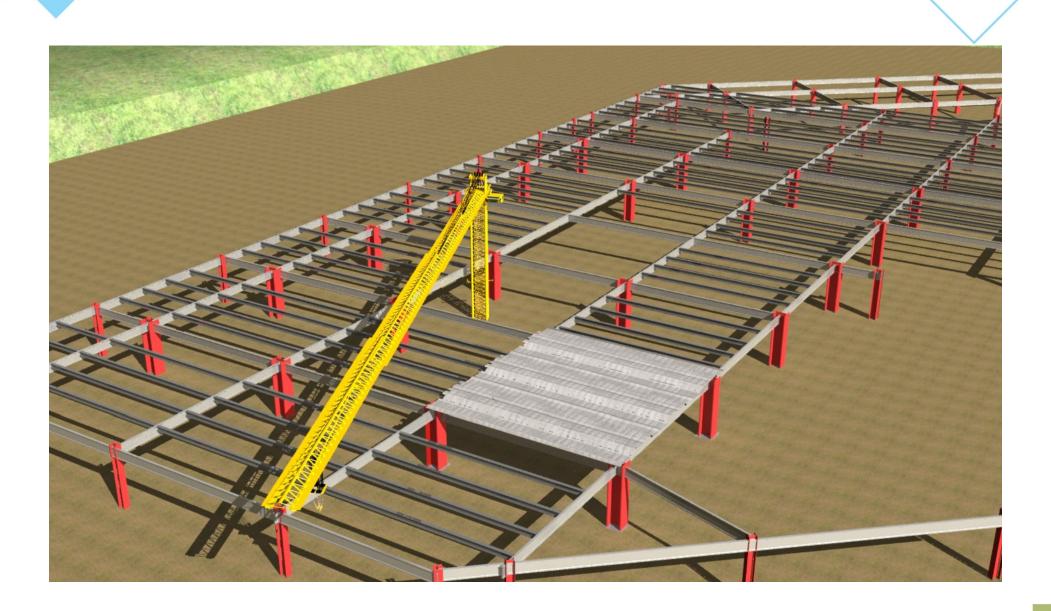




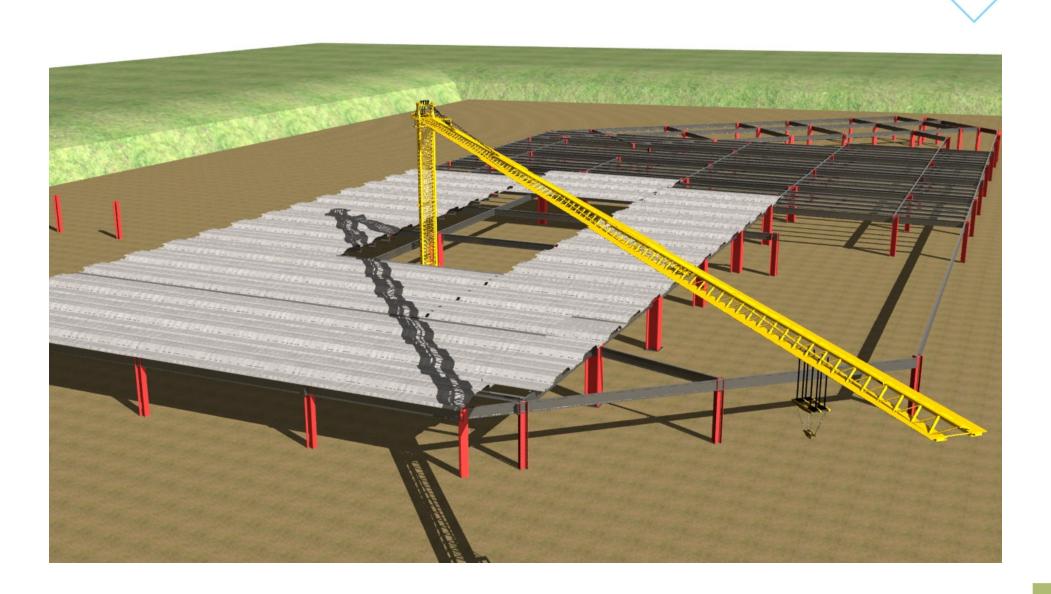




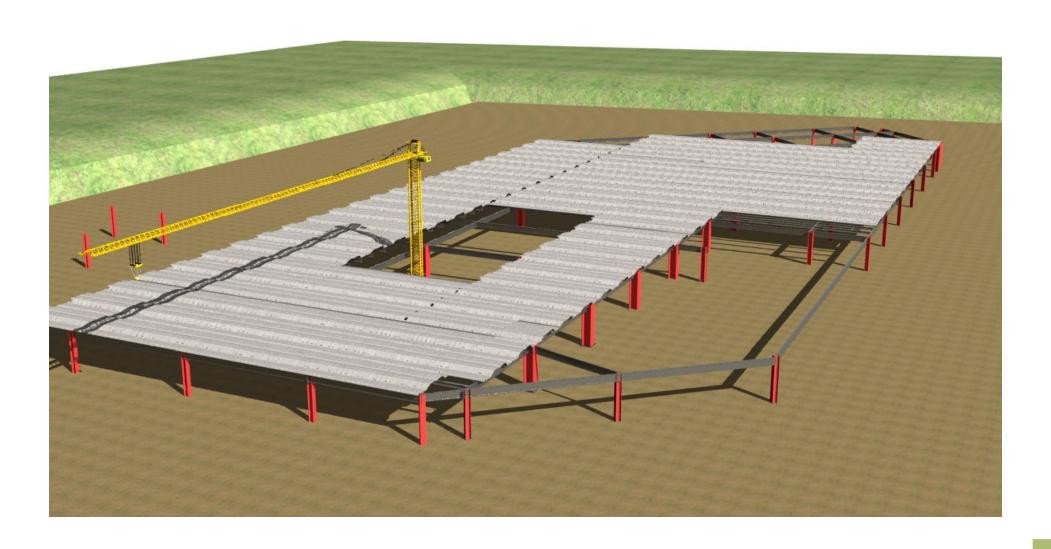




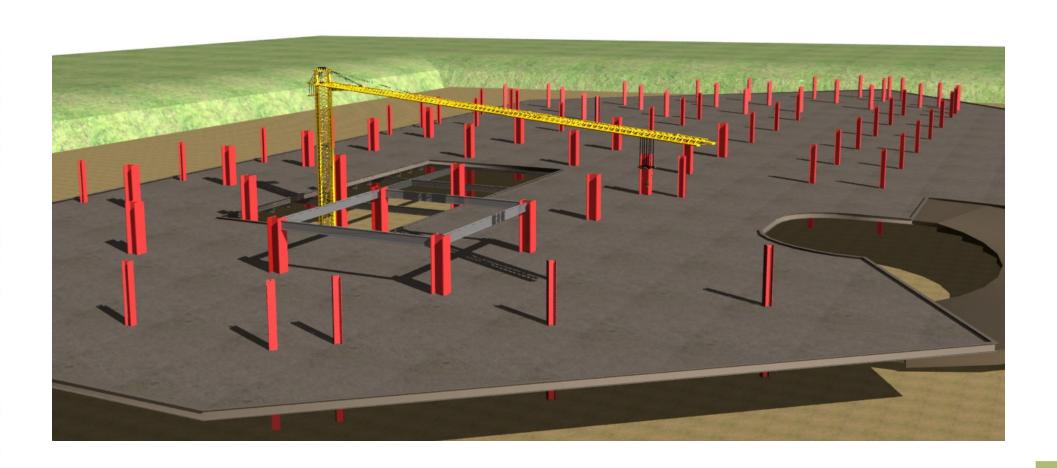




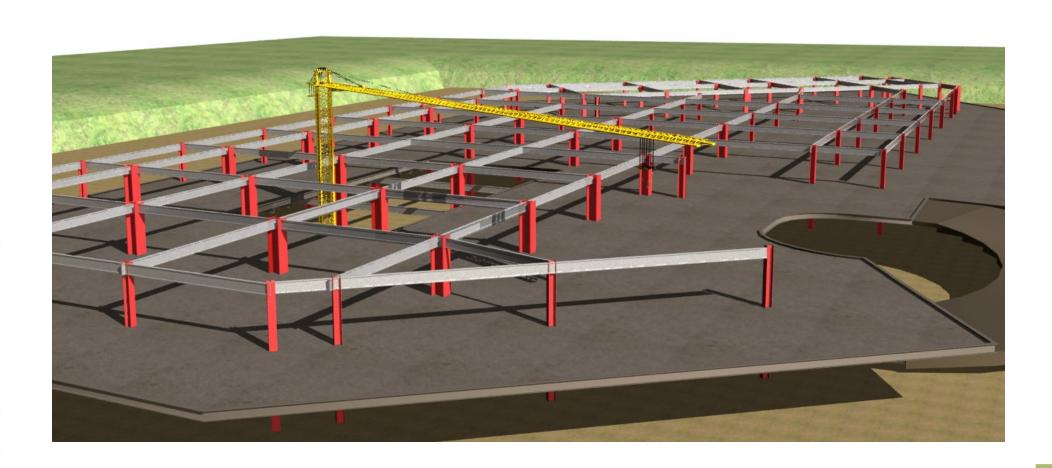




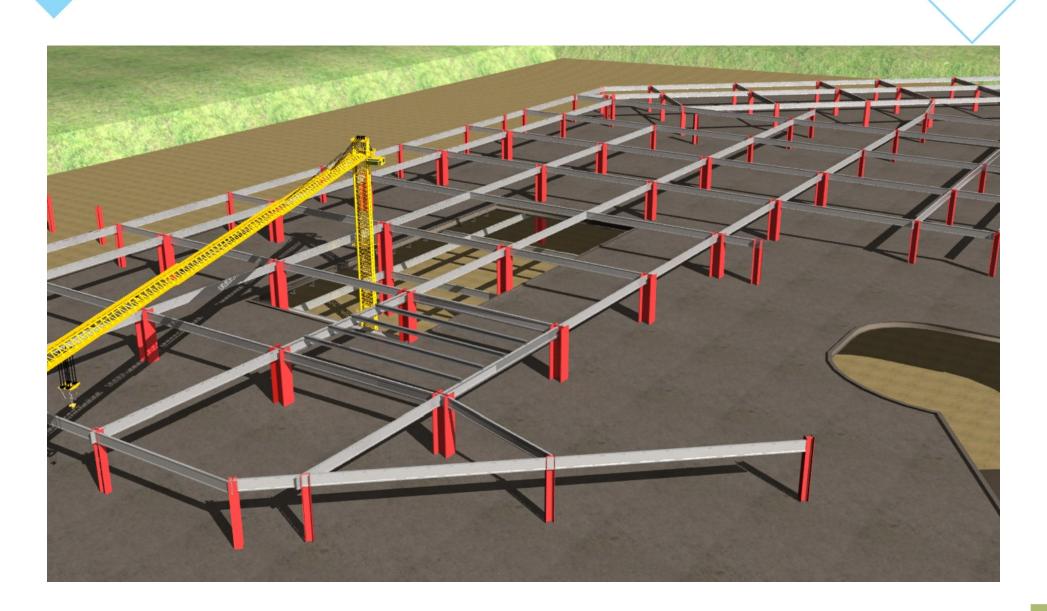




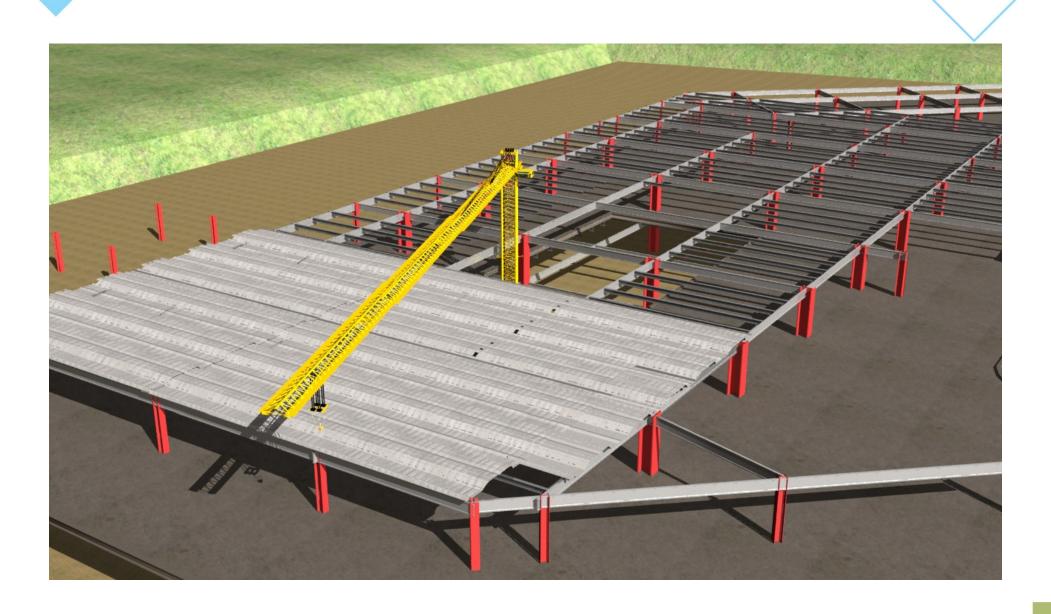




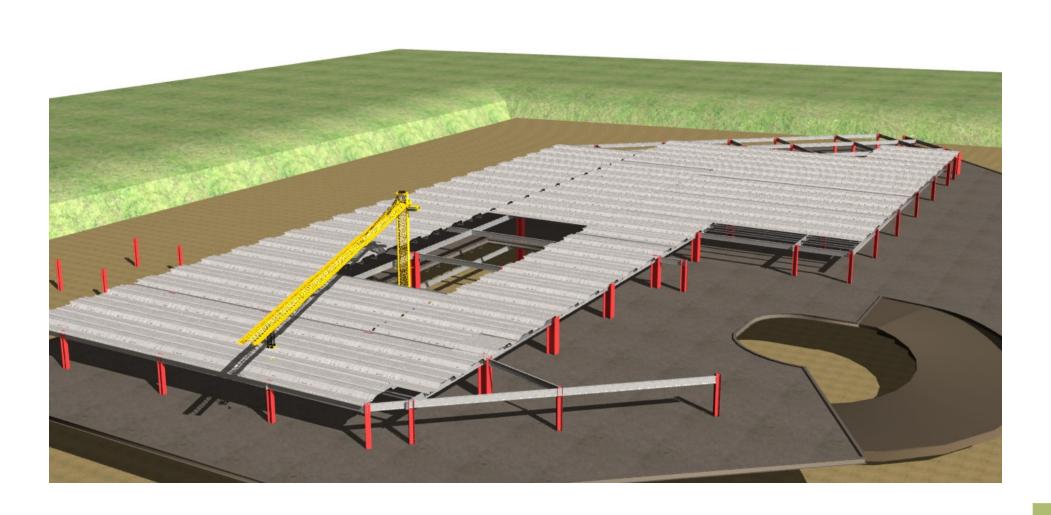




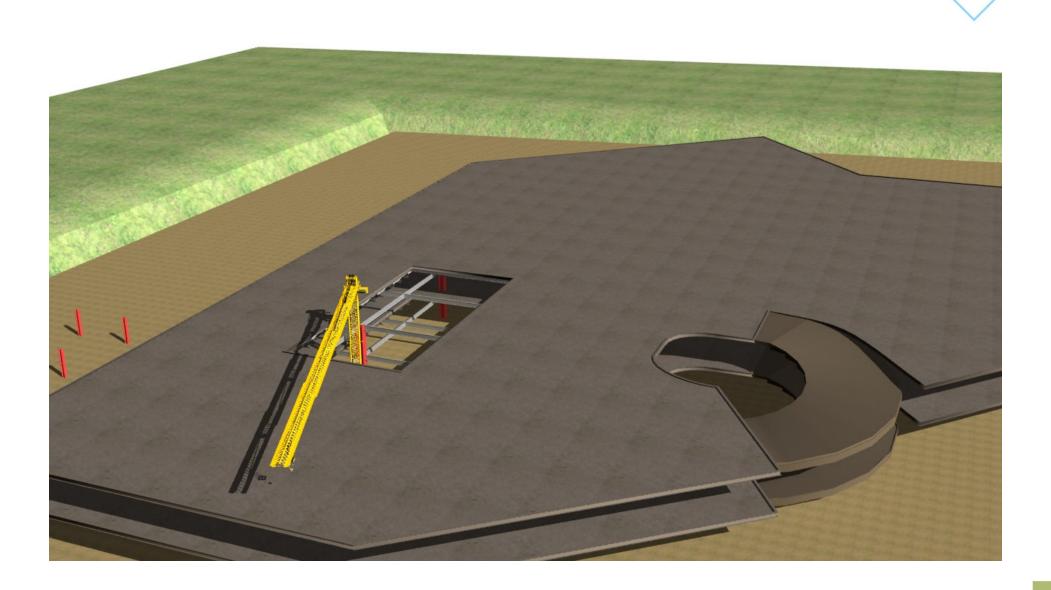




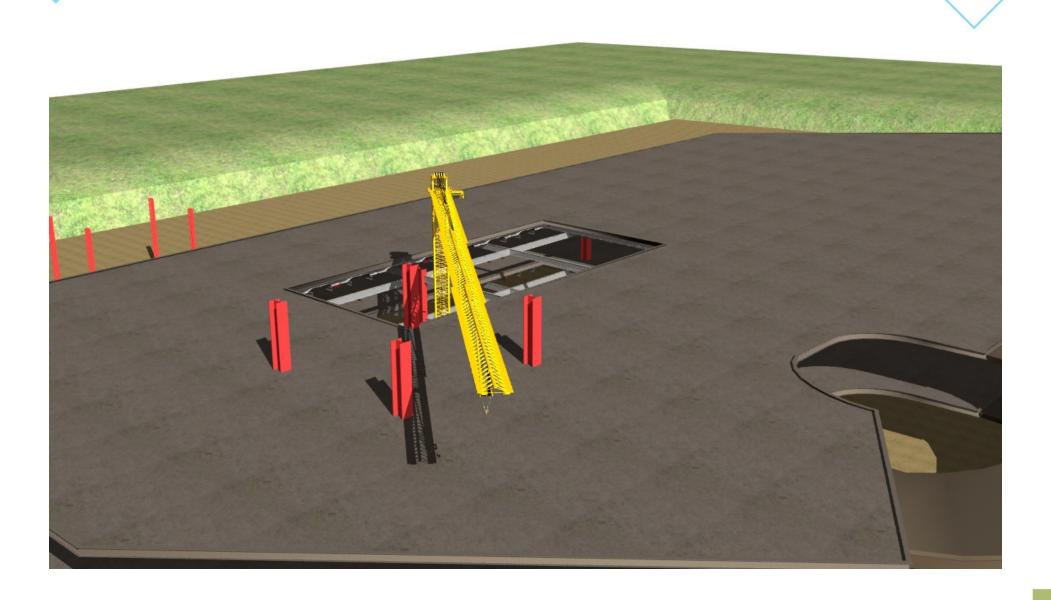




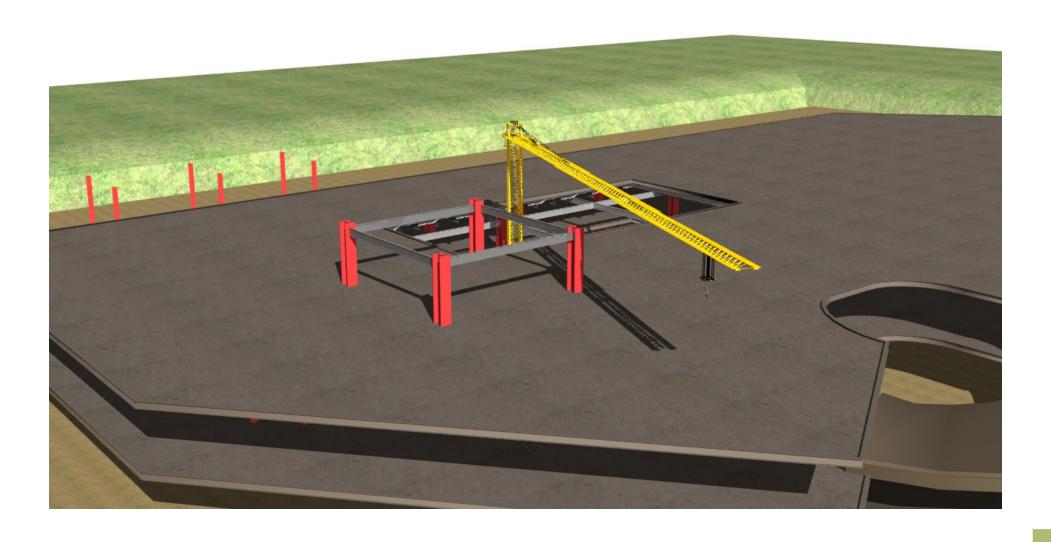




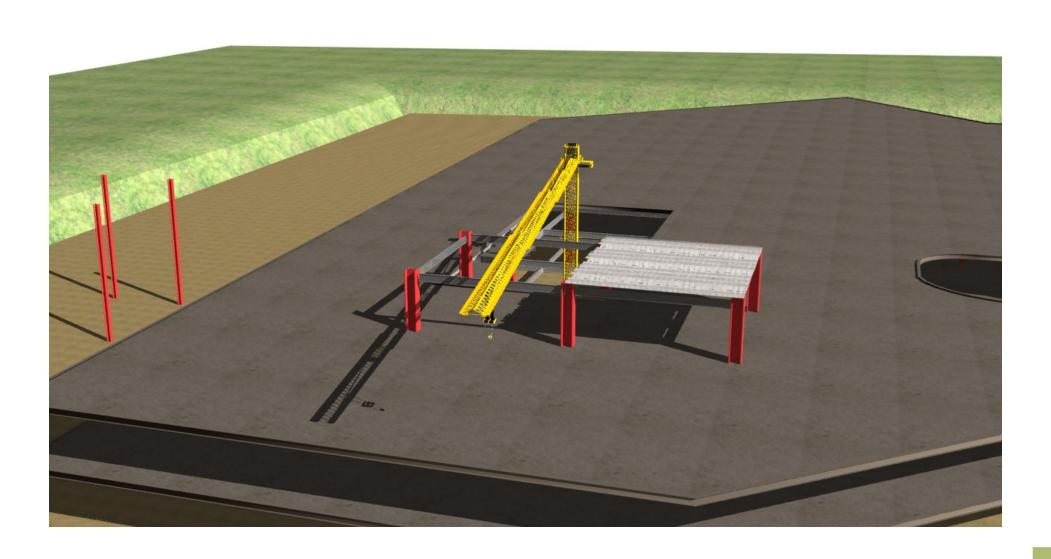




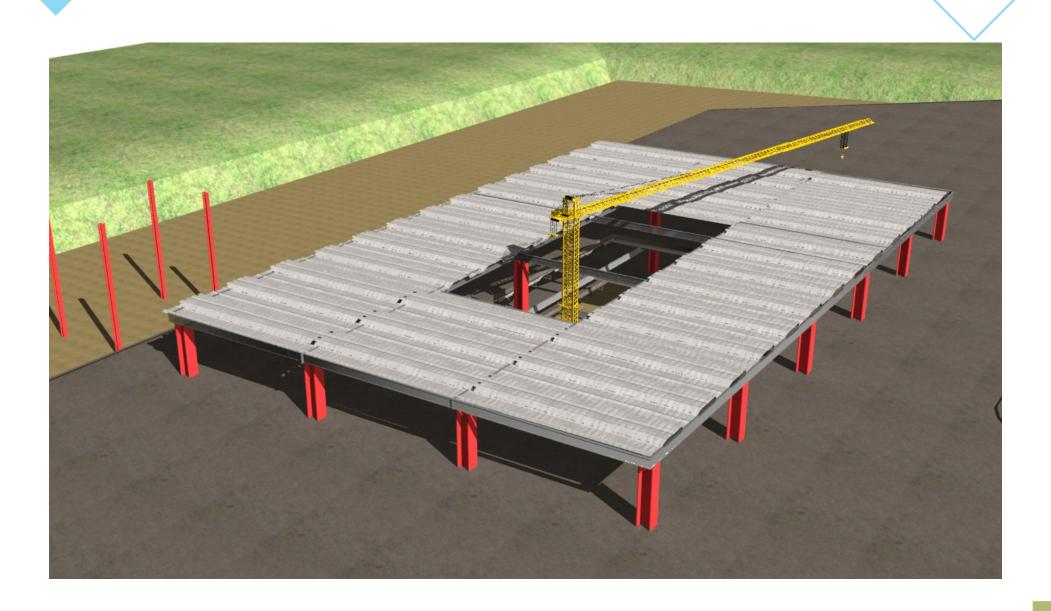




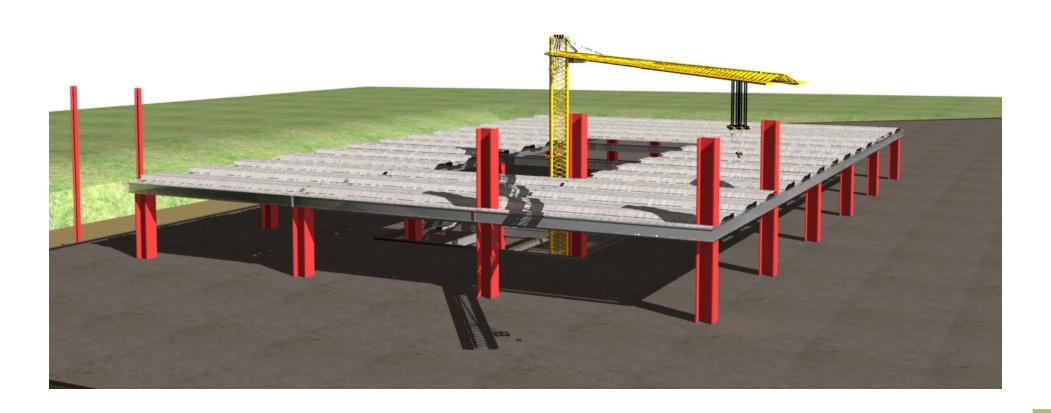




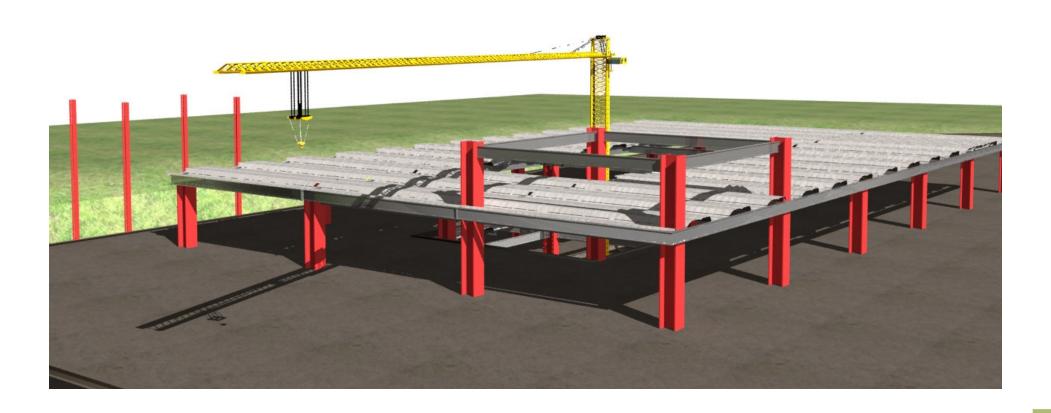




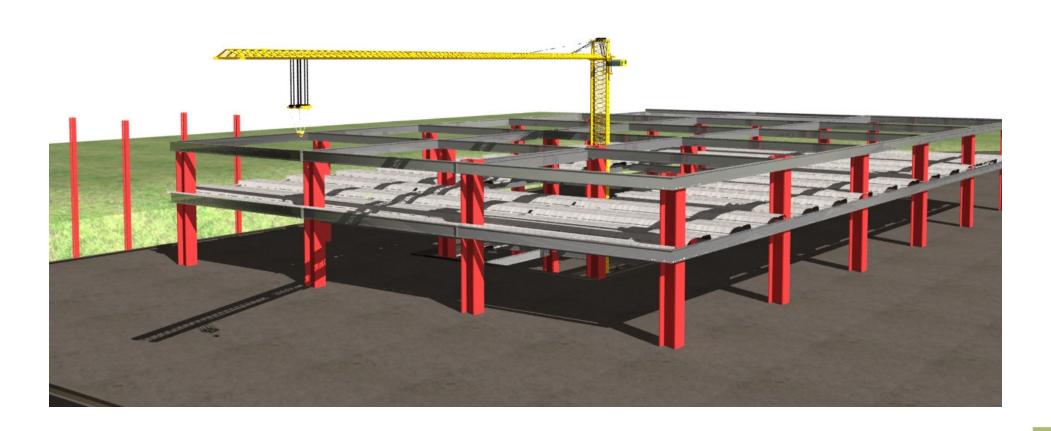




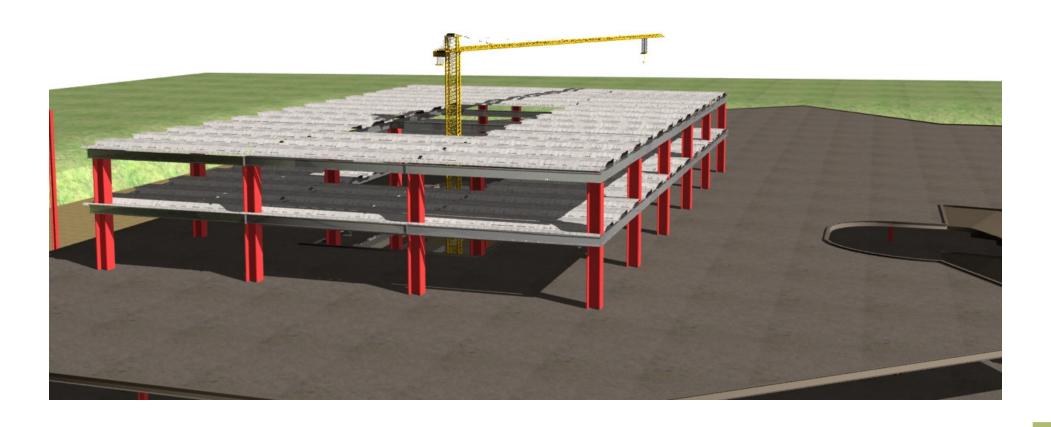




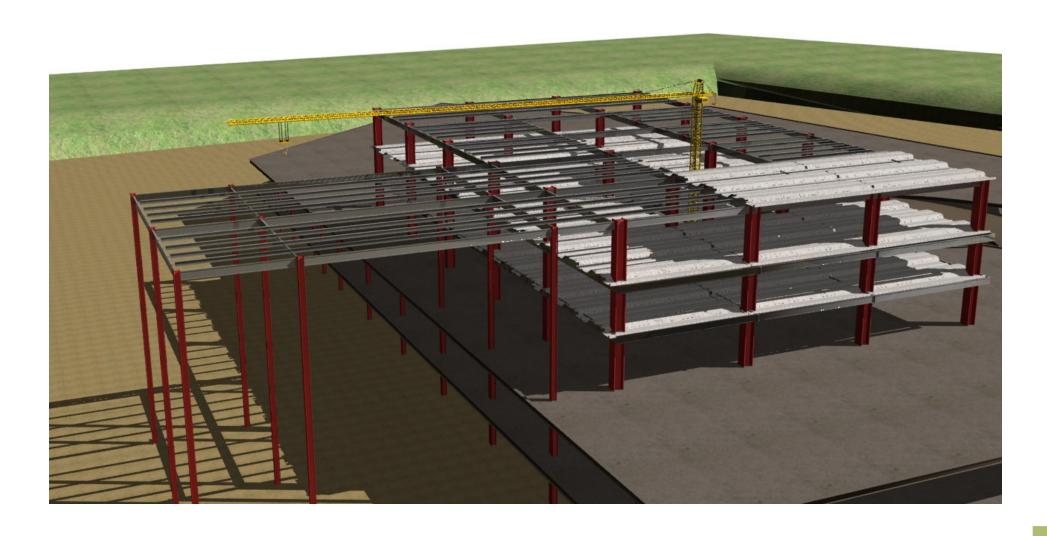




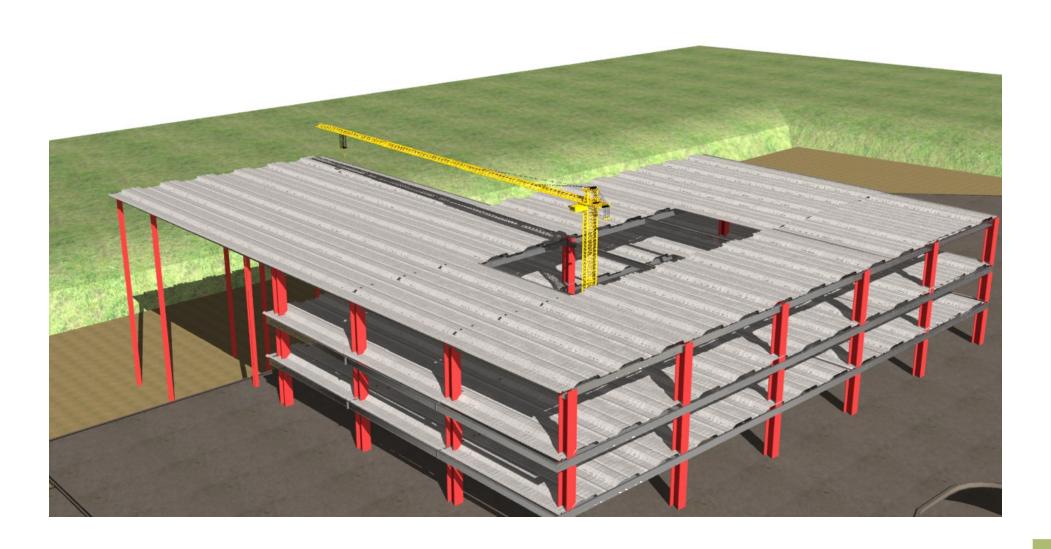








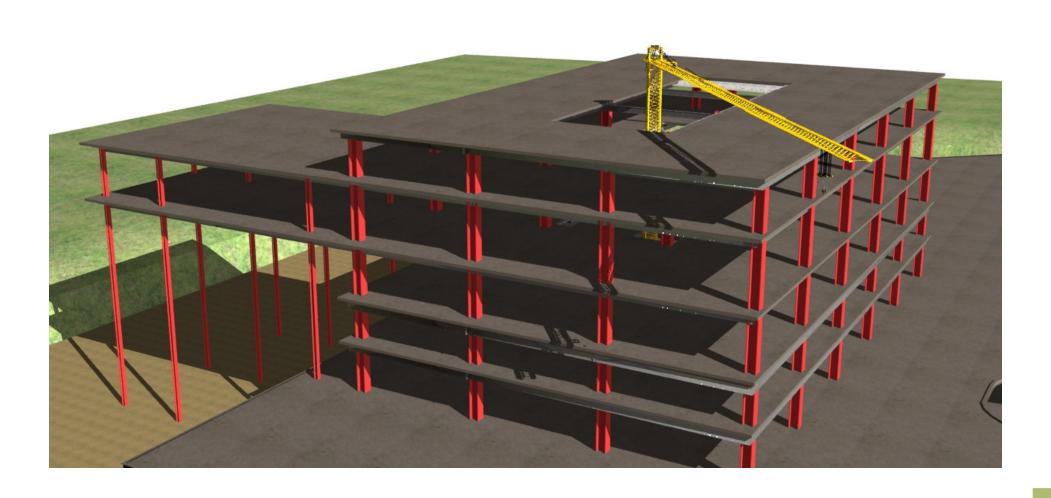




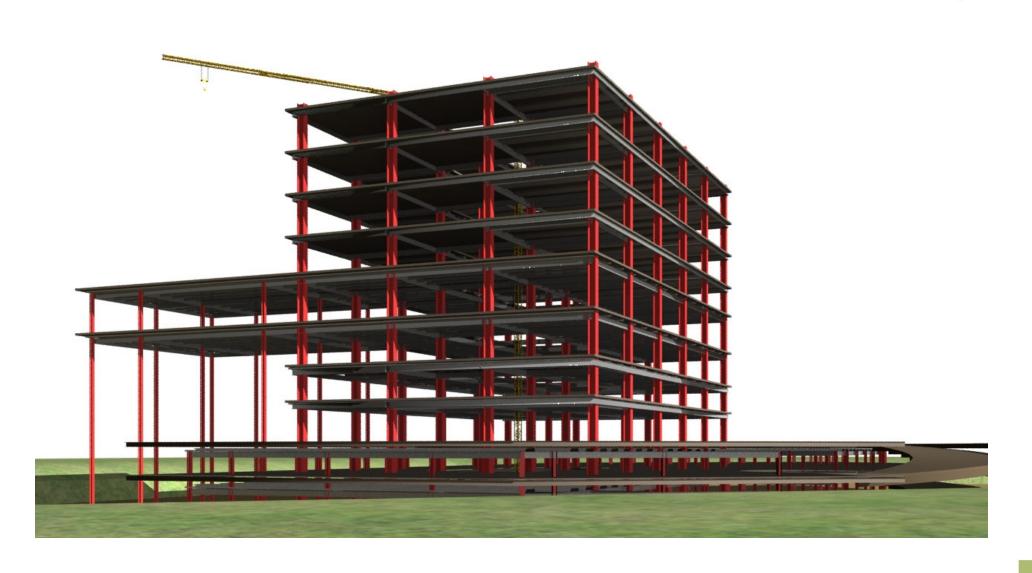




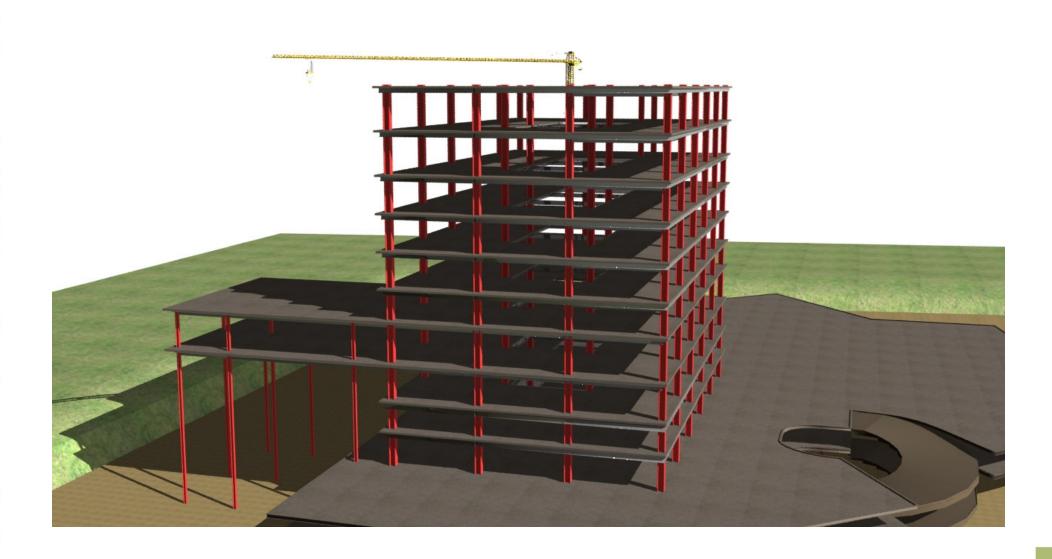








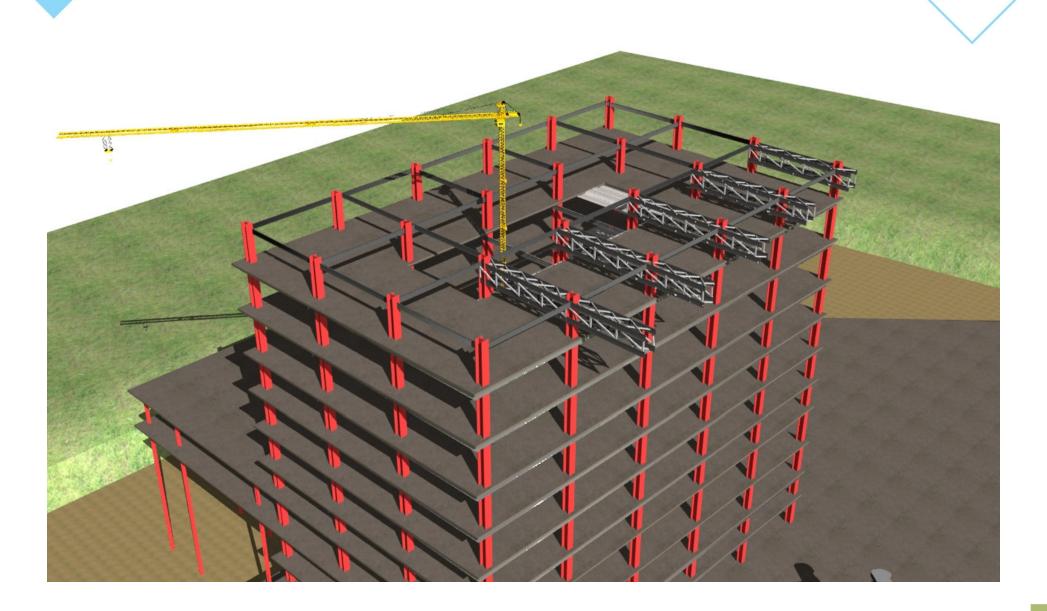




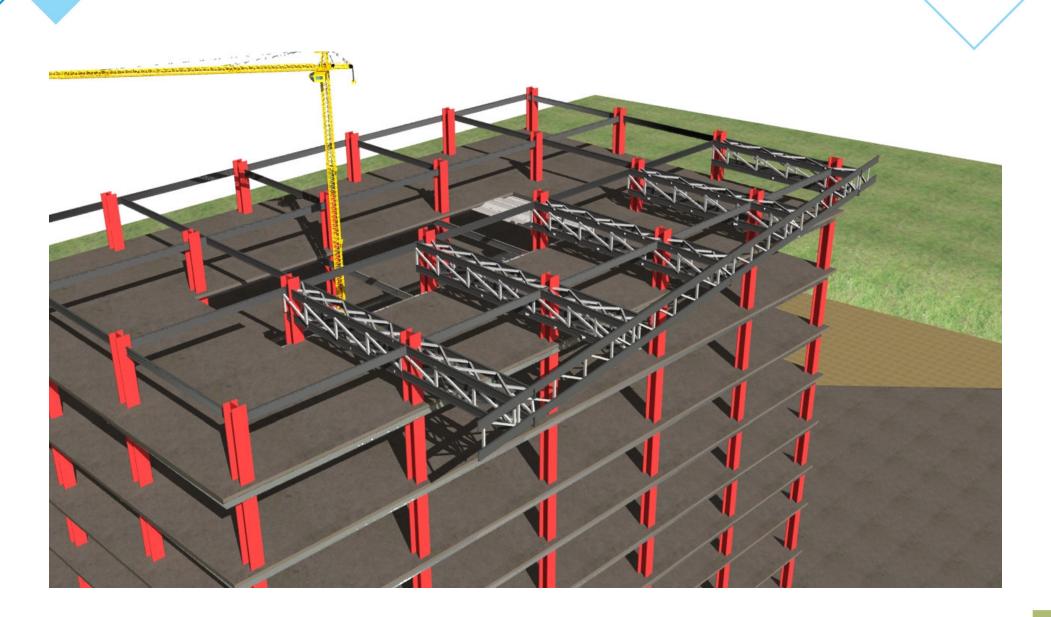




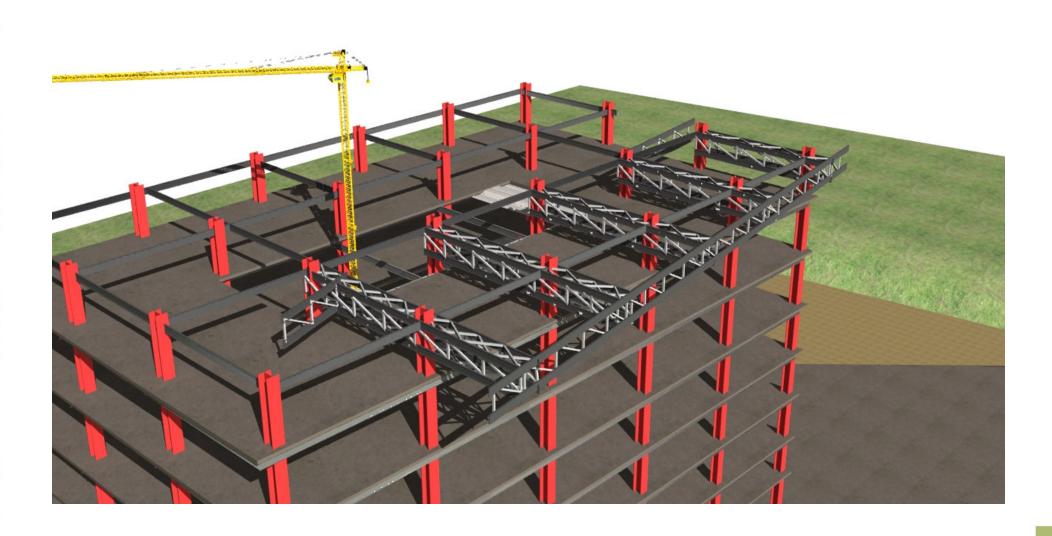




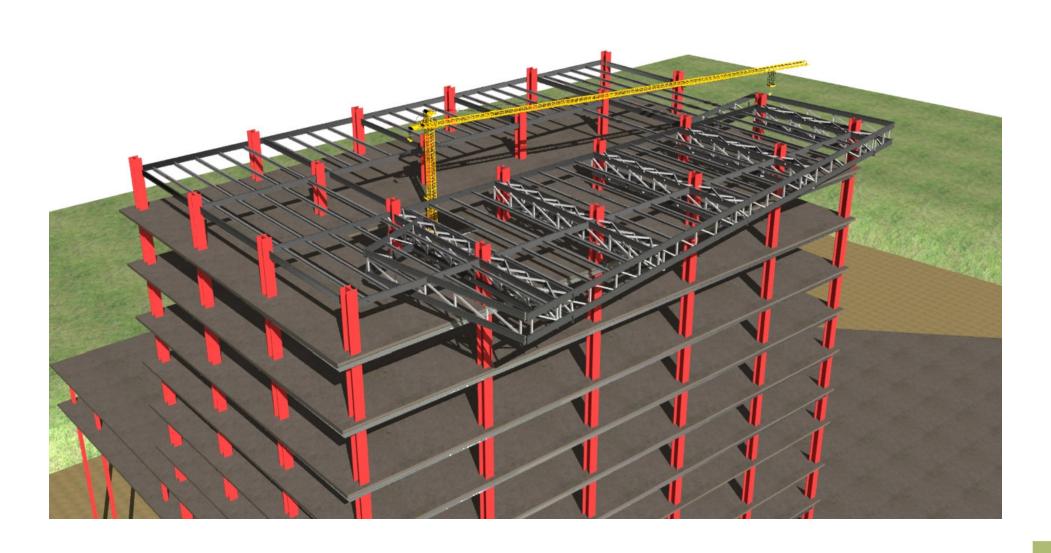




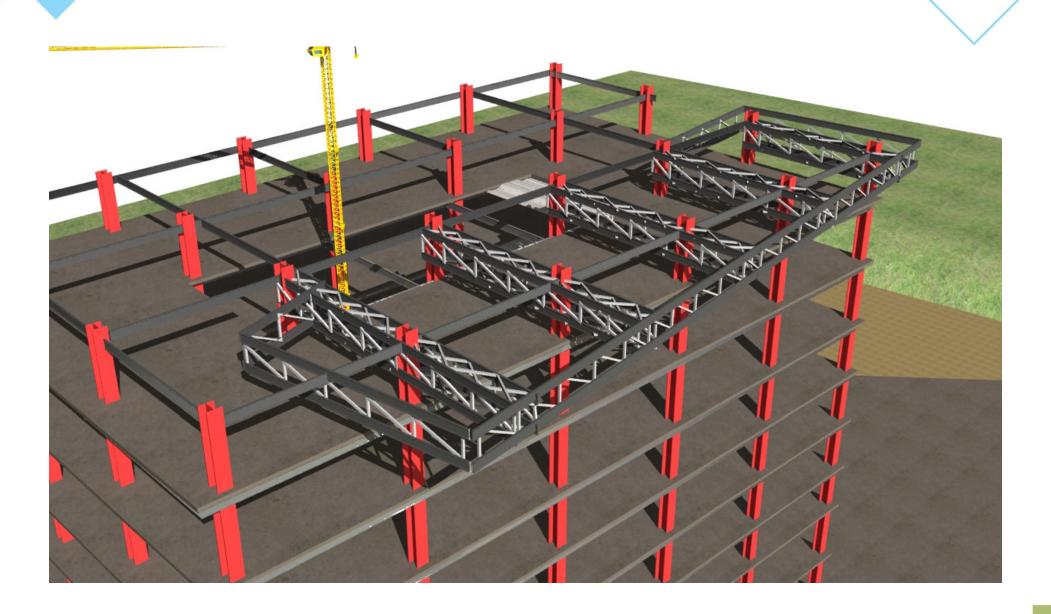




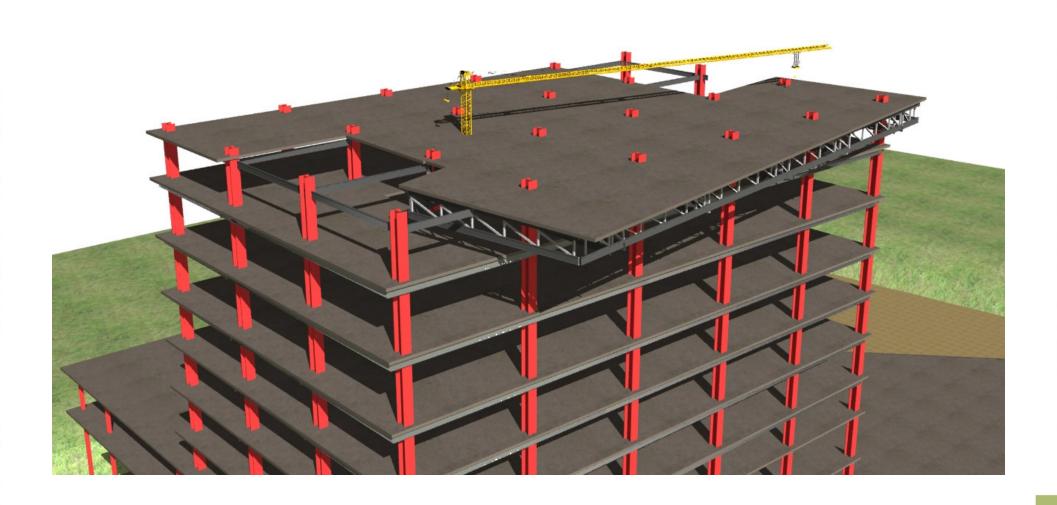








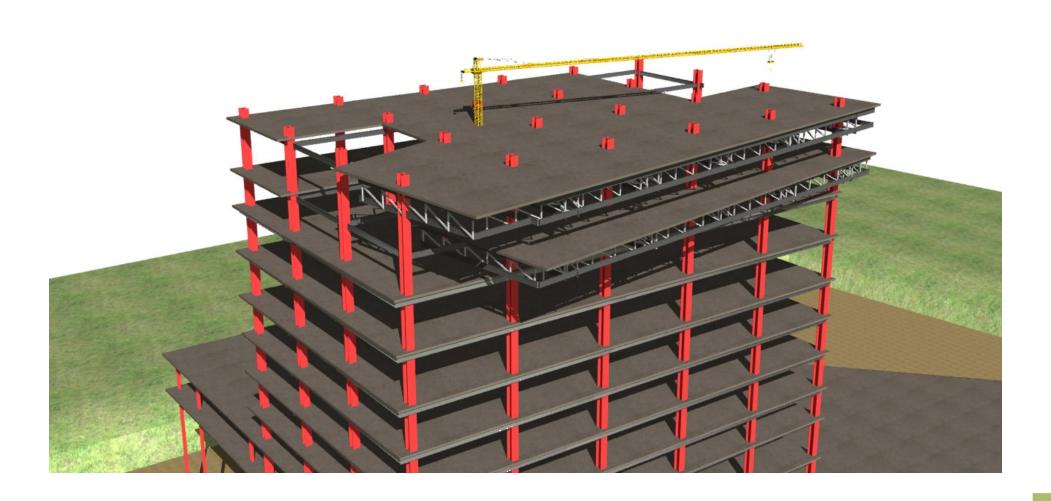




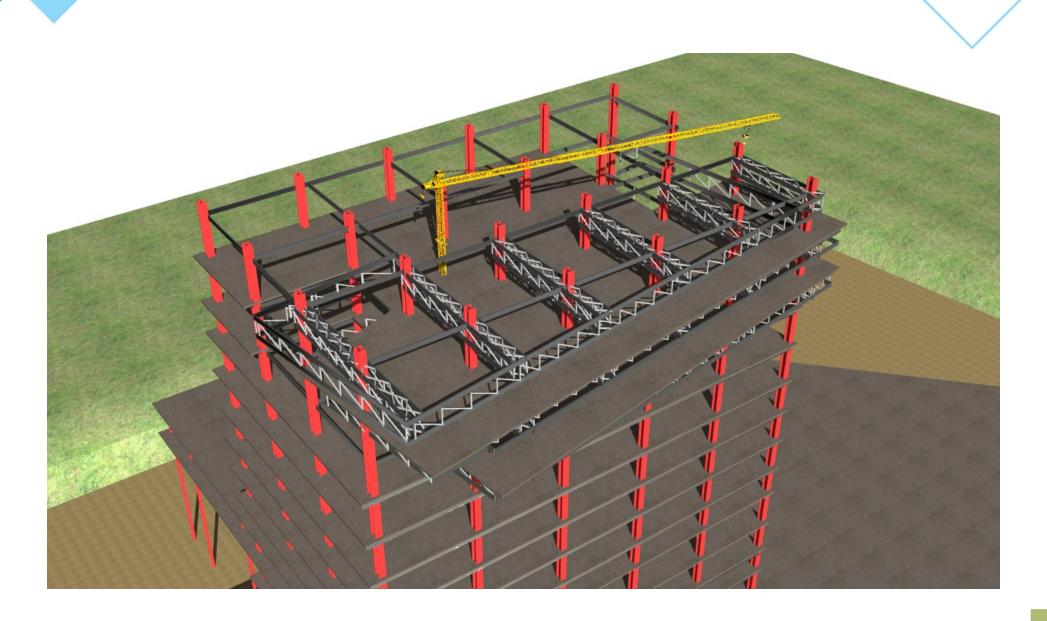




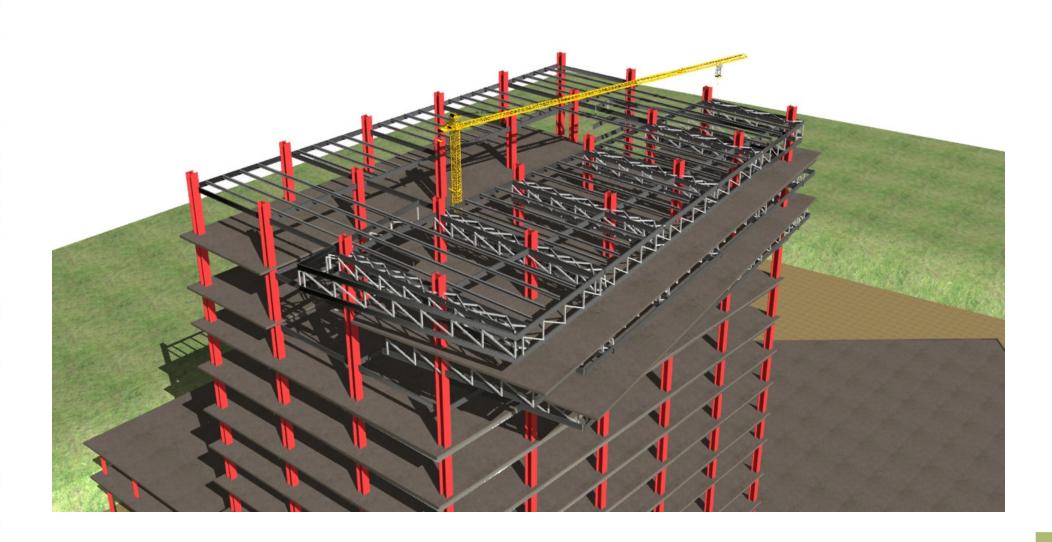




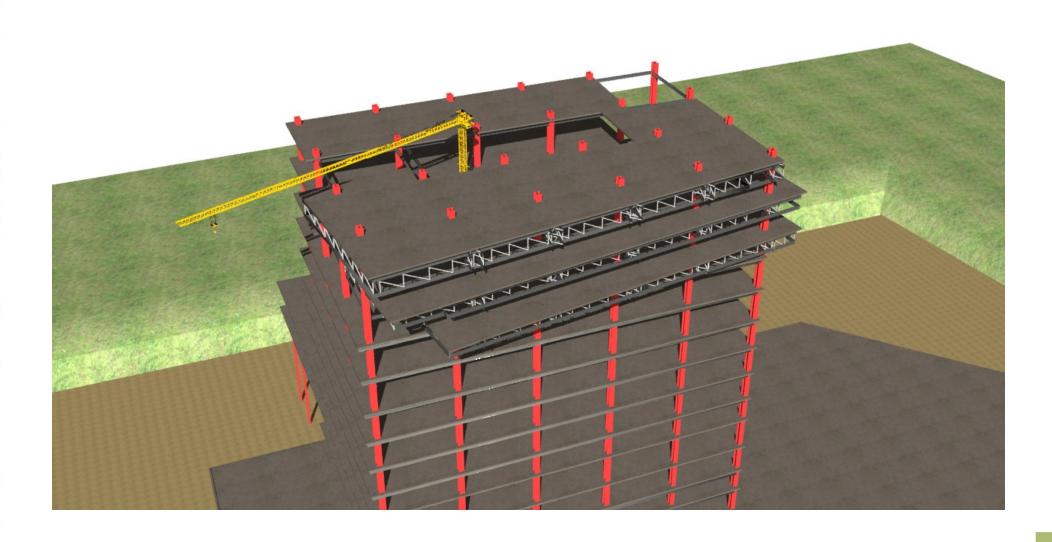




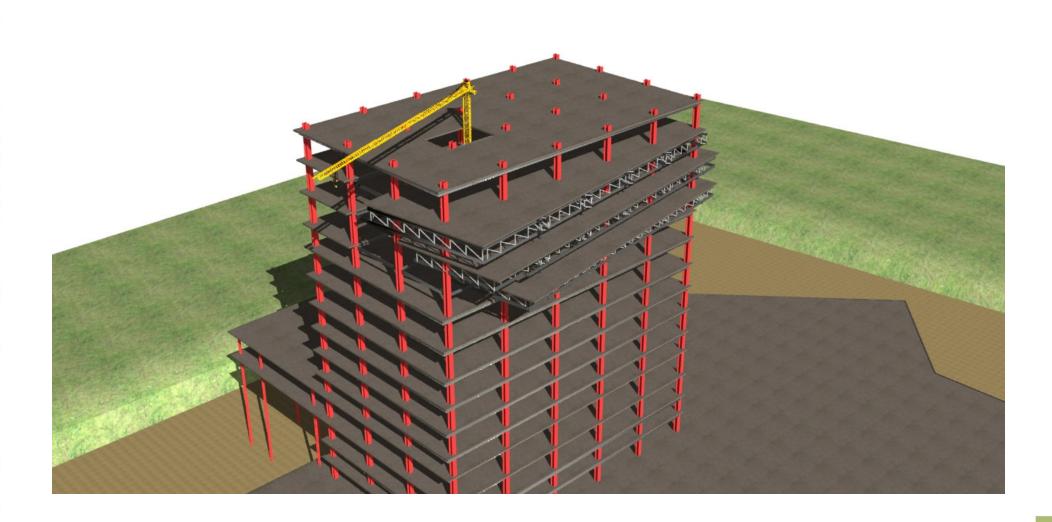




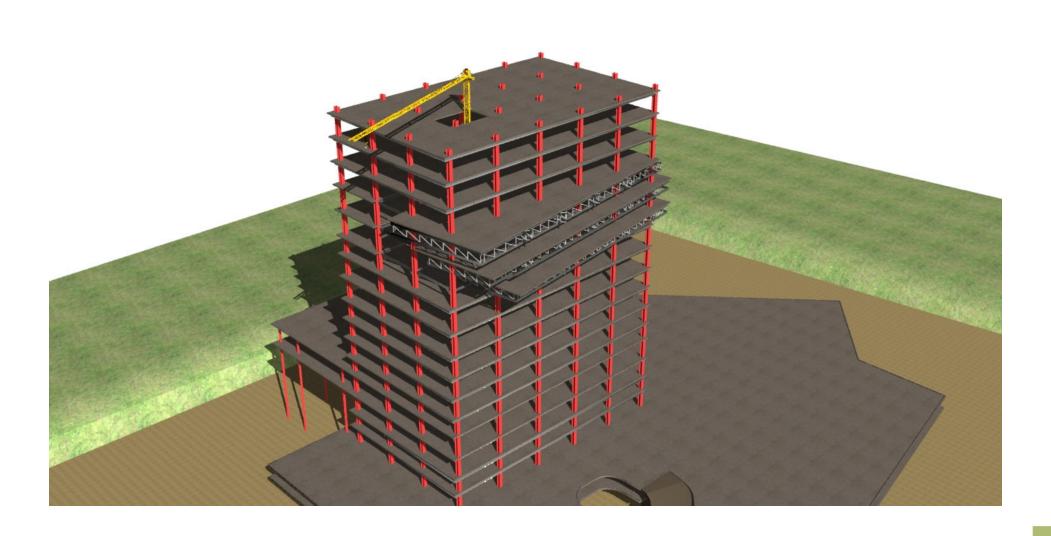








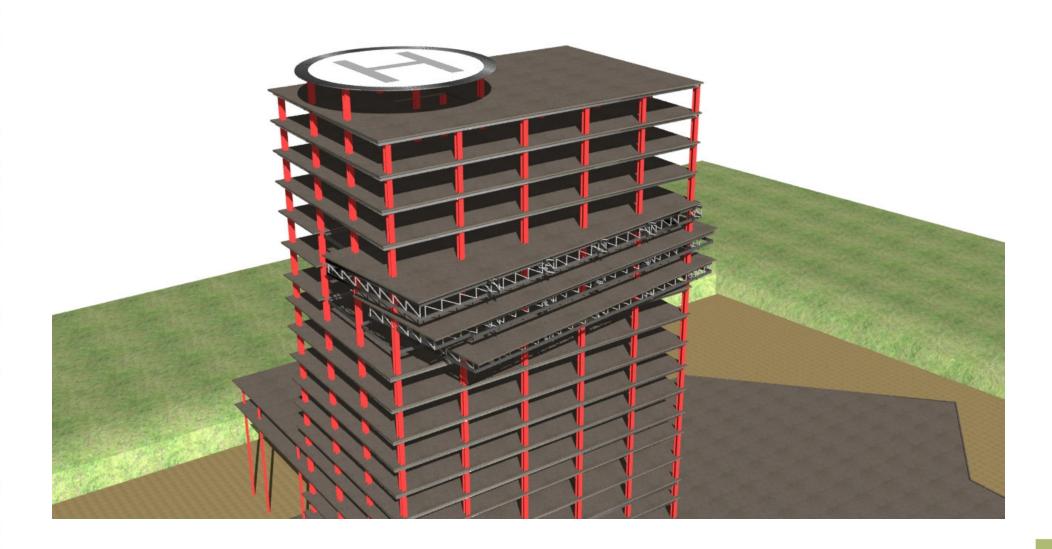














EXPERTISE IN MULTI-STORIED BUILDINGS PROJECT PICTURES

JAYABHERI ORANGE COUNTY, HYDERABAD















Jayabheri Orange County, Hyderabad, G+10 floors

GLAND PHARMA, HYDERABAD











Gland Pharma, AP, G+3 floors

PHOENIX TRIVIUM, HYDERABAD







G+17 floors

MULTILEVEL CAR PARKING, LULU MALL, COCHIN











Multi level car parking for Lulu Mall through Sobha Developers

QUEST SEZ LTD.











Research Center for Rolls Royce (G+3)

ETNA, PHOENIX, HYDERABAD











Residential building (G+10)

PHOENIX OLYMPUS, HYDERABAD



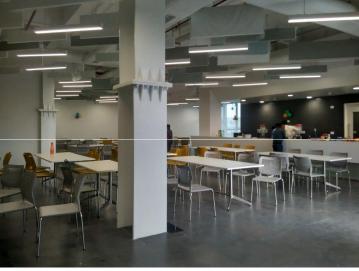


G+7 floors

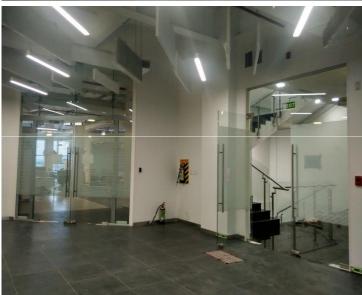
RELIANCE JIO DATA CENTER, CHENNAI











G+5 floor multistorey building

ITC, BENGALURU







ETNA, PHENIX, HYDERABAD











Residential building (G+10)

ETNA, PHENIX, HYDERABAD









Residential building (G+10)

GMI PROJECTS (PLATINA), HYDERABAD













BHARAT BIOTECH, HYDERABAD













Bharat Biotech, Multi-storey G+10 floors, 85,000sft area

KANNUR AIRPORT, KANNUR











THANK YOU