



APS DESIGN INFRA (P). LTD

CORPORATE PROFILE

"Any idiot can build a bridge that stands, but it takes an engineer to build a bridge that barely stands."



WWW.APSDESIGNINFRA.COM

CONSULTANCY SERVICE ON:

- ARCHITECTURAL PLANNING AND DESIGN
- WATER TREATMENT PLANT DESIGN
- ALL TYPE OF CONCRETE STRUCTURE DESIGN
- ALL TYPE OF STEEL STRUCTURE DESIGN
- WATER RETAINING STRUCTURE DESIGN
- WATER TREATMENT PLANT DESIGN
- PLANNING, ESTIMATION AND BBS
- DETAILED PROJECT REPORT (DPR)
- PMCSERVICE
- AEC SERVICE (ARCHITECTURAL/ENGINEERING /CONSTRUCTION)
- STRUCTURAL STABILITY TEST
- NDT FOR STEEL BUNKERS,GANTRIES, VITAL COMPONENTS
- VISUAL SURVEY
- REBOUND HANNER TEST
- ULTRASONIC PULSE VELOCITY TEST
- UT THICKNESS FOR STEEL SECTIONSIZE ASSESSMENT
- HARDNESS TESTING OF METALS
- DYE PENETRANT TESTING
- EDDYCURRENT NDT SERVICES
- MAGNETIC PARTICLE NDT TESTING
- RADIOGRAPHY NDT
- COROSION MAPING
- TOTAL STATION SURVEY
- DRONE SURVEY
- AREAL SURVEY
- LIDAR SURVEY
- HYDROGRAPHIC SURVEY, GIS & MAPPING
- DGPS & DNSS
- UNDER WATER & UNDER GROUND SURVEY
- GPRS SURVEY
- AGGRECULTURAL SURVEY
- VIBRATION ANALYSIS
- SECTION VERIFICATION
- CONSTRUCTION OF BUILDINGS
- CONSTRUCTION AND MANAGEMENT

STANDARD SPECIFICATION:

In general; standards and specifications issued by the Bureau of Indian Standards is followed. For Traffic & Transportation M.O.R.T.H specifications and standards issued by Indian Road Congress is followed. For CPWD work CPWD specification, for Rail Road's code of practice by railway Board and for building reference from journals of National Building Organization is followed. Where Indian specifications are not available international specifications such as those issued by the B.S, AAASHTO, and ASTM etc. are followed.

ABOUT US :

APSDIPL is a Bhubaneswar-based group of architects, designers and thinkers who value the transformative role of ideas and the capacity for architecture to inspire.

APSDIPL is actively engaged in the creation of contextually appropriate solutions within an increasingly changing world. It is a design studio focusing primarily on the fields of Structural design, Architecture, Interior Design and Landscaping. The studio provides a comprehensive design service encompassing all elements of the design process, from meticulously detailed and crafted bespoke furniture and interior design, to larger scale projects including extension and refurbishment projects as well as new builds. An energetic team of in-house designers works intensively with engineers, consultants, architects and the client, welcoming new insights that can lead to specific innovative solutions.

Team is dedicated to unique design approaches adapted to each project, and achieving a balance between functionality & aesthetics, context, climate.

REGISTRATION DOCUMENTS:



GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS
Central Registration Centre

Certificate of Incorporation

[Pursuant to sub-section (2) of section 7 and sub-section (1) of section 8 of the Companies Act, 2013 (18 of 2013) and rule 18 of the Companies (Incorporation) Rules, 2014]

I hereby certify that APS DESIGN INFRA PRIVATE LIMITED is incorporated on this Twenty sixth day of March Two thousand twenty-one under the Companies Act, 2013 (18 of 2013) and that the company is limited by shares.

The Corporate Identity Number of the company is U74210OR2021PTC036028.

The Permanent Account Number (PAN) of the company is AAACA0235H.

The Tax Deduction and Collection Account Number (TAN) of the company is BBNA04891F.

Given under my hand at Manesar this Twenty sixth day of March Two thousand twenty-one.

Digital Signature Certificate
Mr Shiva Aggarwal

For and on behalf of the Jurisdictional Registrar of Companies
Registrar of Companies
Central Registration Centre

Disclaimer: This certificate only evidences incorporation of the company on the basis of documents and declarations of the applicant(s). This certificate is neither a license nor permission to conduct business or solicit deposits or funds from public. Permission of sector regulator is necessary wherever required. Registration status and other details of the company can be verified on www.mca.gov.in

Mailing Address as per record available in Registrar of Companies office:

APS DESIGN INFRA PRIVATE LIMITED
PLOT NO A/61 KHARABELA NAGAR, BHUBANESWAR, Khordha,
Orissa, India, 751001

* as issued by the Income Tax Department



Government of India
Form GST REG-06
[See Rule 10(1)]

Registration Certificate

Registration Number :21AAVCA0235H1ZY

1. Legal Name	APS DESIGN INFRA PRIVATE LIMITED			
2. Trade Name, if any	APS DESIGN INFRA PRIVATE LIMITED			
3. Additional trade names, if any				
4. Constitution of Business	Private Limited Company			
5. Address of Principal Place of Business	Mangala Mandir, B-48.BDA DUPLEX, BARAMUNDA, Bharatpur, Bhubaneswar, Khordha, Odisha, 751003			
6. Date of Liability				
7. Date of Validity	From	23/04/2021	To	Not Applicable
8. Type of Registration	Regular			
9. Particulars of Approving Authority	Signature Not Verified Signature: [Signature] Date: 2022-07-03 00:30:52			
Name				
Designation				
Jurisdictional Office				
9. Date of issue of Certificate	03/07/2022			

Note: The registration certificate is required to be prominently displayed at all places of Business/Office(s) in the State.

This is a system generated digitally signed Registration Certificate issued based on the deemed approval of application on 03/07/2022.

आयकर विभाग
INCOME TAX DEPARTMENT

भारत सरकार
GOVT. OF INDIA

ई-स्थायी लेखा संख्या कार्ड
e - Permanent Account Number (e-PAN) Card
AAVCA0235H

नाम / Name	APS DESIGN INFRA PRIVATE LIMITED
निगमन/गठन की तारीख Date of Incorporation / Formation	26/03/2021

✓ Permanent Account Number (PAN) facilitate Income Tax Department linking of various documents, including payment of taxes, assessment, tax demand, tax arrears, matching of information and e-pay maintenance & retrieval of electronic information etc. relating to a taxpayer.

✓ Quoting of PAN is now mandatory for several transactions specified under Income Tax Act, 1961 (Refer Rule 114B of Income Tax Rules, 1962) आकर अधिनियम, 1961 के तहत निर्दिष्ट कई संदर्भों के लिए स्थायी लेखा संख्या (PAN) का उल्लेख अब अनिवार्य है (आकर विभाग, 1962 के नियम 114B, का संदर्भ लें)

✓ Possessing or using more than one PAN is against the law & may attract penalty of upto Rs. 10,000.

✓ एक से अधिक स्थायी लेखा संख्या (PAN) का रखना या उपयोग करना, कानून के विरुद्ध है और इसके लिए 10,000 रुपये तक का दंड लगाया जा सकता है।

✓ The PAN Card enclosed contains Enhanced QR Code which is readable by a specific Android Mobile App. Keyword to search this specific Mobile App on Google Play Store is "Enhanced QR Code Reader for PAN Card".

संलग्न पैर कार्ड में एंहांस्ड क्यूआर कोड शामिल है जो एक विशिष्ट एंड्रॉइड मोबाइल ऐप द्वारा पठनीय है। Google Play Store पर इस विशिष्ट मोबाइल ऐप को खोजने के लिए कीवर्ड "Enhanced QR Code Reader for PAN Card" है।

आयकर विभाग
INCOME TAX DEPARTMENT

भारत सरकार
GOVT. OF INDIA

स्थायी लेखा संख्या कार्ड
Permanent Account Number Card
AAVCA0235H

नाम / Name
APS DESIGN INFRA PRIVATE LIMITED

निगमन/गठन की तारीख
Date of Incorporation / Formation
26/03/2021

इस कार्ड के साथ/साथ या इसका प्रतिलिपि करें/सीट करें:
आयकर विभाग के साथ, या एक से एक
5 वीं मंजूर, 4 वीं एडमिशन,
पॉस्ट: 141, पिन: 997/1,
मोडल कॉलोनी, नरेंद्र प्रसाद चौक के पास,
पुणे - 411 016.

If this card is lost / someone's lost card is found,
please inform / return to:
Income Tax PAN Services Unit, NSDL,
5th Floor, Maitani Building,
Plot No. 341, Survey No. 997/1,
Model Colony, Near Deep Bunglow Chowk,
Pune - 411 016.
Tel: 91-20-2721 8090, Fax: 91-20-2721 8081
e-mail: itnsdl@nsdl.co.in

Electronically issued and Digitally signed ePAN is a valid mode of issue of Permanent Account Number (PAN) post amendments in clause (c) in the Explanation occurring after sub-section (8) of Section 139A of Income Tax Act, 1961 and sub-rule (6) of Rule 114 of the Income Tax Rules, 1962. For more details, [click here](#)

Startup
Odisha

DISHA
NEW OPPORTUNITIES

Registration No. : OSP/SP/01032

Micro, Small & Medium Enterprises Department
Government of Odisha

CERTIFICATE OF RECOGNITION

This is to certify that **APS DESIGN INFRA PVT LTD** incorporated as a **Private Limited** vide no. **U74210OR2021PTC036028** dated **26-03-2021**, as per MCA21 portal is recognised as a **'Startup'** under the Odisha Startup Policy - 2016.

Date of Issue: 21-05-2021
Place of Issue: Bhubaneswar, Odisha

The certificate shall only be valid for the entity:
• Up to 7 years and 10 years in case of biotechnology from the date of its incorporation; and
• If the turnover for any of these 7 financial years does not exceed Rupees 25 crore.

Note:
• Authorities accepting this Certificate may check its validity on the Startup Odisha portal (www.startupodisha.gov.in)
• This is a system generated certificate and hence does not require physical signature

Issued by:
DISHA
Institute of Entrepreneurship Development
& Startup Development, Odisha
Sector-A, Zone-A, Plot no-123,
Mahapada Industrial Estate,
Bhubaneswar-751015

CERTIFICATE NO:
DIPP114455

भारत सरकार
GOVT. OF INDIA
Ministry of Commerce & Industry
Department for Promotion of Industry and Internal Trade

#startupindia

CERTIFICATE OF RECOGNITION

This is to certify that **Api Design Infra Private Limited** incorporated as a **Private Limited Company** on **26-03-2021**, is recognized as a startup by the Department for Promotion of Industry and Internal Trade. The startup is working in 'Design' Industry and 'Others' sector as self-certified by them.

This certificate shall only be valid for the Entity up to Ten years from the date of its incorporation only if its turnover for any of the financial years has not extended ₹ 100 Cr.

17-11-2022
DATE OF ISSUE

25-03-2031
VALID UPTO

ISO 9001:2015 (QMS)



Certificate

THIS IS TO CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OF

APS DESIGN INFRA PVT. LTD.

**PLOT NO. B / 48, GROUND FLOOR, BDA DUPLEX COLONY,
BARAMUNDA, BHUBANESWAR, ODISHA - 751003, INDIA**

HAS BEEN INDEPENDENTLY ASSESSED IN ACCORDANCE WITH RCS PROCEDURES AND
FOUND TO COMPLY WITH THE REQUIREMENTS OF

(QUALITY MANAGEMENT SYSTEM)

ISO 9001:2015

FOR THE FOLLOWING SCOPE:
**ARCHITECH, STRUCTURE AND CIVIL
ENGINEERING CONSULTANCY.**

CERTIFICATION CALENDAR:

CLIENT ID: 8577

PLACE: BHUBANESHWAR, ODISHA, INDIA

CERTIFICATE NO: INQ/OD-9468/0322

INITIAL REGISTERED DATE: 21.03.2022

DATE OF EXPIRY: 20.03.2025

1st SURV. DUE: 20.03.2023

ISSUANCE DATE: 21.03.2022

2nd SURV. DUE: 20.03.2024







Authorised Signature

To check this certificate status visit:
www.thrcert.co.uk

REVOLUTIONARY CERTIFICATIONS SERVICES

22, Old Gloucester Street, London, WC1N 3AX, United Kingdom. Email: info@thrcert.com

Validity of this certificate is subject to successful completion of surveillance audit on or before of due date.


(In case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawal.)

Certification Verification: Please check this validity of the certificate at: <https://www.thrcert.co.uk/certified-clients/> or www.thrcert.co.uk at

Verify & then Certified Clients. This Certificate remains the property of RCS & shall be returned immediately upon request.


आयकर विभाग

INCOME TAX DEPARTMENT



भारत सरकार

GOVT. OF INDIA



Ref.No.: 88305915278556/TAN/NEW

TO,

APS DESIGN INFRA PRIVATE LIMITED
PLOT NO A/51 KHARABELA NA
GAR
BHUBANESWAR, KHORDHA-751001
ODISHA
TEL. NO.:7008777913

Mar 26, 2021

Sir/Madam,

Sub : Allotment of Tax Deduction Account Number (TAN) as per Income Tax Act,1961

Kindly refer to your application (Form 49B) dated Mar 26, 2021 for the allotment of Tax Deduction Account Number.

In this connection, the following TAN has been issued to you/your organisation:

BBNA04891F

Please quote the same in all TDS challans, TDS Certificates, TDS returns, Tax Collection at Source (TCS) returns as well as other documents pertaining to such transactions.

Quoting of TAN on all TDS returns and challans for payment of TDS is necessary to ensure credit of TDS paid by you and faster processing of TDS returns.

The above TAN should also be used as Tax Collections at Source Account Number under section 208CA.

Kindly note that it is mandatory to quote TAN while furnishing TDS returns, including e-TDS returns. e-TDS returns will not be accepted if TAN is not quoted.

This supersedes all the Tax Deduction / Collection Account Number, allotted to you earlier.

Income Tax Department

Caution : Income Tax Department does not send e-mails regarding refunds and does not seek any taxpayer information like username, password, details of ATM, bank accounts, credit cards, etc. Taxpayers are advised not to part with such information on the basis of emails.



संयमय जयते
Government Of India

MINISTRY OF ROAD TRANSPORT AND HIGHWAYS NEW DELHI

CERTIFICATE OF ACHIEVEMENT

This is to certify that
SWAGAT SAMANTARAY
*has successfully completed advanced skill
development training in*
REMOTE SENSING AND GIS
*UNDER NATIONAL SKILL
DEVELOPMENT CORPORATION*
date of certification:- 22/03/2021



Dr. Manish Kumar
Program Manager





Keshav Kumar Pathak
MD & CEO

064932



The Institution of Engineers (India)

MEMBERSHIP CERTIFICATE

This Certificate of
Associate Member is Granted to

PABITRA KUMAR PUHAN

on the Fifth day of
November TWO ZERO TWO ONE

In witness where of the said Institution has caused
its Common Seal to be affixed this Fifth
day of November TWO ZERO TWO ONE





AM3000527



Member of Council



Secretary and Director General

About the Founders and What Inspired Them to Start this Venture

PABITRA KUMAR PUHAN (IITK), a renowned Structural Engineer and accomplished entrepreneur, is the Co-founder & Director of APSDIPL (APS DESIGN INFRA Pvt. Ltd.). With a remarkable track record spanning over 8 years in the construction industry, Mr. Puhan has displayed exceptional expertise and leadership.

Leading a dedicated team of 20+ professionals, Pabitra Kumar Puhan has successfully overseen and completed a staggering 1000+ designs and construction projects within a remarkably short span of fewer than 8 years. His vision and strategic approach have contributed significantly to the company's success and reputation.

Mr. Puhan's passion for innovation and his profound understanding of structural engineering have played a pivotal role in the successful execution of numerous complex projects. His commitment to delivering high-quality results and meeting clients' expectations has earned him widespread recognition and trust within the industry.

As a serial entrepreneur, Pabitra Kumar Puhan continues to inspire and drive forward advancements in the construction field. His relentless pursuit of excellence has established him as a prominent figure in the industry, and his journey remains an inspiration for aspiring professionals and entrepreneurs alike.

While working in the construction industry, he observed the 'needs gap' existing in the industry, which eventually led him to found his own venture, APSDIPL. Here, he is responsible for devising the company's overarching vision, product and service innovation, brand building, and steering the growth trajectory.

SWAGAT SAMANTARAY (IITKGP), the co-founder of the start-up, brings his expertise as both a Structural Engineer and Chartered Engineer to the forefront. He is the visionary behind the technology that drives the company, and his role as the CEO of APSDIPL is pivotal in ensuring its success. Swagat takes charge of overseeing and managing the day-to-day operations, which encompass IT, sales, marketing, and HR, ensuring a seamless and efficient operation across all aspects of the business.

Both Swagat and Pabitra let us know that it is basically their passion for designing that inspired them to venture into the architecture, Structural design industry.

Explaining how **APSDIPL** came into being, Swagat and Pabitra said, "We witnessed a sharp rise in the demand for architects and interior designers triggered by the desire of people (be it project owners or homeowners) to have uniquely designed homes and workplaces. They are constantly looking for new design ideas and service providers who can assist them. Secondly, technology is disrupting every industry and the architectural/interior design industry is no exception. Therefore, we adapted ourselves to this reality and decided to deliver our services online. This is how APSDIPL was born.



APS DESIGN INFRA PVT.LTD. Helping You Build Your Dream House

Imagine a platform that can meet all your requirements to help you build your dream house; a platform which can provide Structural Design Services, right from building your house to creating unique and amazing interiors of your choice. Well, APSDIPL is one such platform, which offers Structural Design Services so that you can build your dream house without any hassle.

You can also get BIM MODEL of your house to see how it would look before you decide to go ahead with your plan. Since you are going to invest a fortune for your house, it's always prudent to get a 3D perspective view so that you don't have to regret later.

APSDIPL is a start-up that provides solutions to all such issues that you may encounter while building your house or workplace. Let's take a more detailed look at the company, the services it offers, the founders, and what inspired them to come up with this innovative platform.

More About APSDIPL and the Services It Offers

APSDIPL, a Bhubaneswar-based start-up was founded in 2021 by Swagat Samantaray and Mr Pabitra Kumar Puan. As we have already mentioned, it is basically a platform for delivering Structural Design Services. It connects architects and structural engineers and allied professionals with project owners who are planning to build or renovate their workplaces and houses.

With the help of this platform, project owners can reach out to a large number of experienced

architects, Structural engineer and interior designers from across the country. They can simply post their requirements and get quick responses to their queries.

Project owners can select a plan of their choice and start building in no time. Additionally, it offers customized design plans which are delivered on time by a team of expert architects and designers with 5 levels of design checks.

So, basically, APSDIPL is a transparent and hassle-free collaboration platform where both the parties can connect, collaborate, and get their work done.

What is Unique about APSDIPL ?

The convenience of accessing a vast array of designs irrespective of geographical location, as well as the ability to connect to a large group of designers and architects make APSDIPL so unique.

Customers can choose from 1000+ designs and moreover, the professionals at APSDIPL are always there to provide assistance, in case, they have any doubts. Driven by the mission of turning a dream house or workplace into a reality, APSDIPL is truly a compelling and time-saving proposition for customers.

The Journey So Far and Ahead

The journey of APSDIPL started with just two people – its co-founders Swagat samantaray and Pabitra kumar puhan. Within 1month , 3 more people, 1 in sales and 2 technical persons were added to the team as the company received some good traction.

By end of 6 month, the APSDIPL team expanded to include 10-12 people and today, the team consists of around 35 members. The customer base of the company has also grown during this period and as of now, it stands at almost 3000.

Technical Expertise

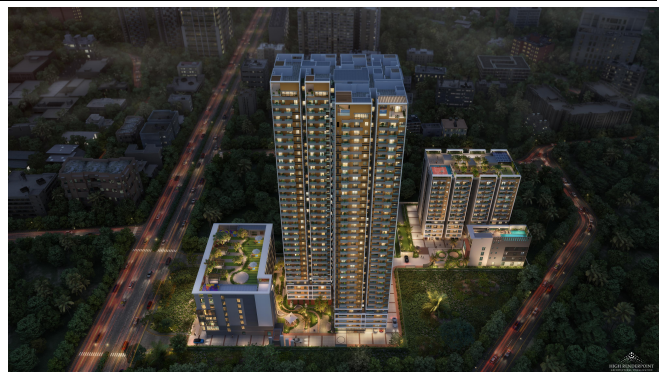
R.C.C Analysis and design

- Linear Static and dynamic analysis
- Non-Linear and Dynamic analysis like
 - Equivalent Static Analysis
 - Modal Analysis
 - Response Spectrum Analysis
 - Time History Analysis
 - Creep & Shrinkage Analysis
 - Vibration Analysis
 - P-Delta, Auto-Construction Sequence, Buckling,
 - Soft Story, Axial Shortening,
 - Torsional & other Irregularities etc.
 - Soil Structure Interaction
- Performance Based Design
 - Pushover Analysis
 - Non-Linear Time History Analysis
- Steel truss analysis and design
- Value Engineering analysis old structure
- Design using spreadsheets
- Detailing of Structure using AutoCAD, RCDC and Excel schedules
- Manual analysis, design and detailing as per following codes
 - IS 456 : 2000
 - IS 1893 (Part 1) : 2016
 - IS 16700 : 2017
 - IS 3370 (Part 1) : 2009, (Part 2) : 2009
 - IS 875 (Part 3) : 2015, (Part 1 & Part 2) : 1987
 - IS 13920 : 2016
 - SP 16, SP 34, SP 6
- SOFTWARE PROGRAMS
 - ETABS
 - SAFE
 - SAP2000
 - PROKON
 - AutoCAD Structural Detailing
 - MS Office

SKYCITY BHUBANESWAR



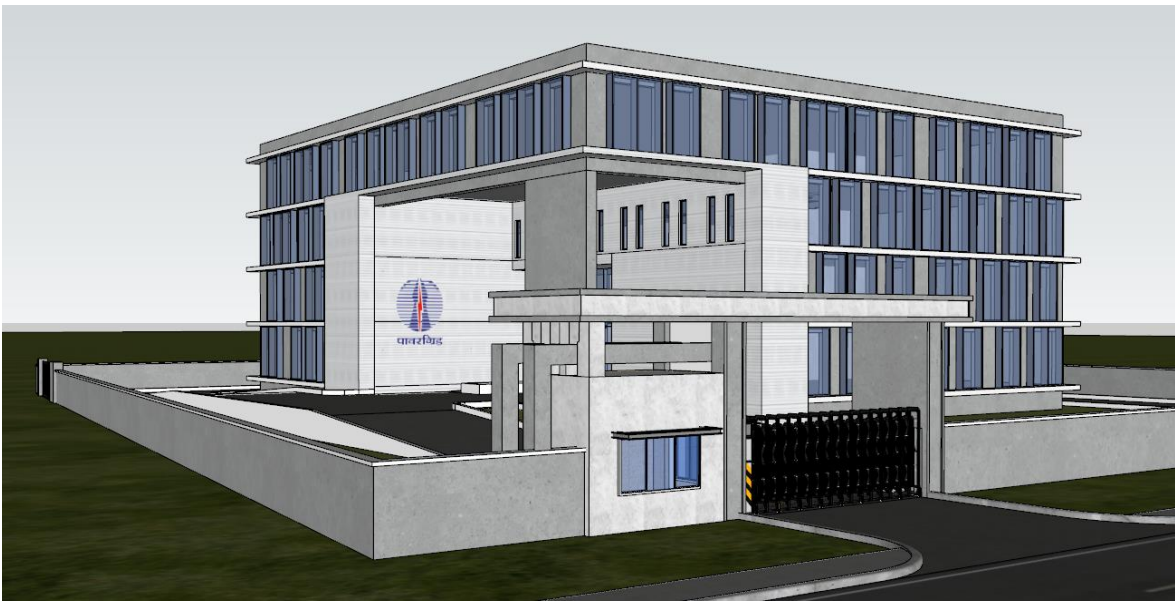
SKY
CITY



HIGHRISE BUILDING AT JAGAMARA(13 LVL)



POWERGRID BUILDING AT PATIA



TRANSGENDER HOSTEL(WATCO)



RESIDENTIAL BUILDING



SKYCITY,BHUBANESWAR



DHARMASHALA AT PURI



OAV SCHOOL(5 NOS)



AADIV ELITE



**COMMERCIAL+ RESIDENTIAL
BUILDING (B1+S+5)**



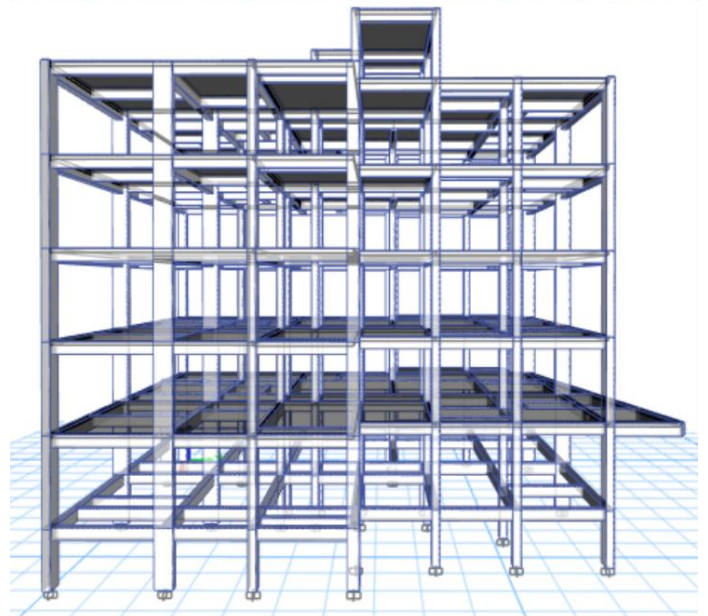
ROYAL SIGNATURE COMMERCIAL



KIP SOUMYA (S+4)



RESIDENTIAL APARTMENT PATIA(S+4)



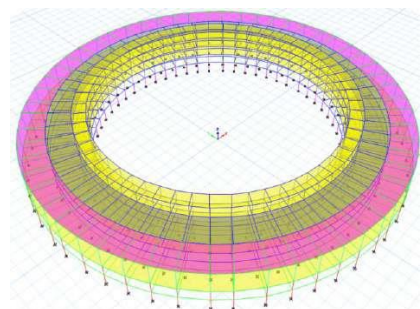
GD GOENKA PUBLIC SCHOOL



**14 NOS OF DHARMA MATHA IN PURI UNDER
SHREE JAGANNATH HERITAGE CORRIDOOR**



ANUBHAWA MANTAPA

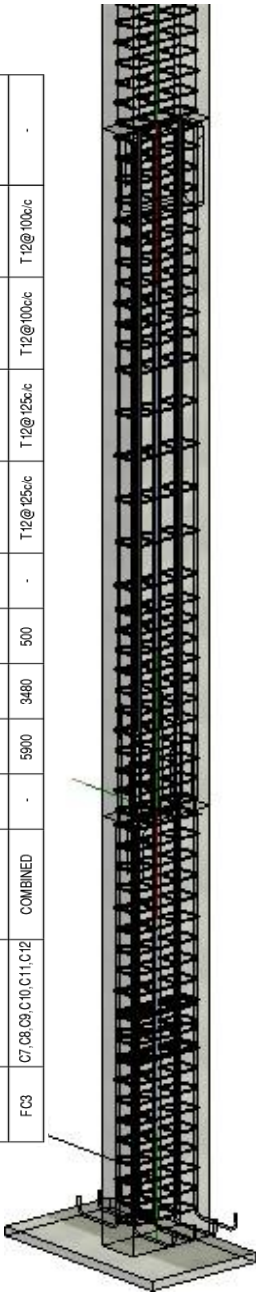


Structural Detailing Model:



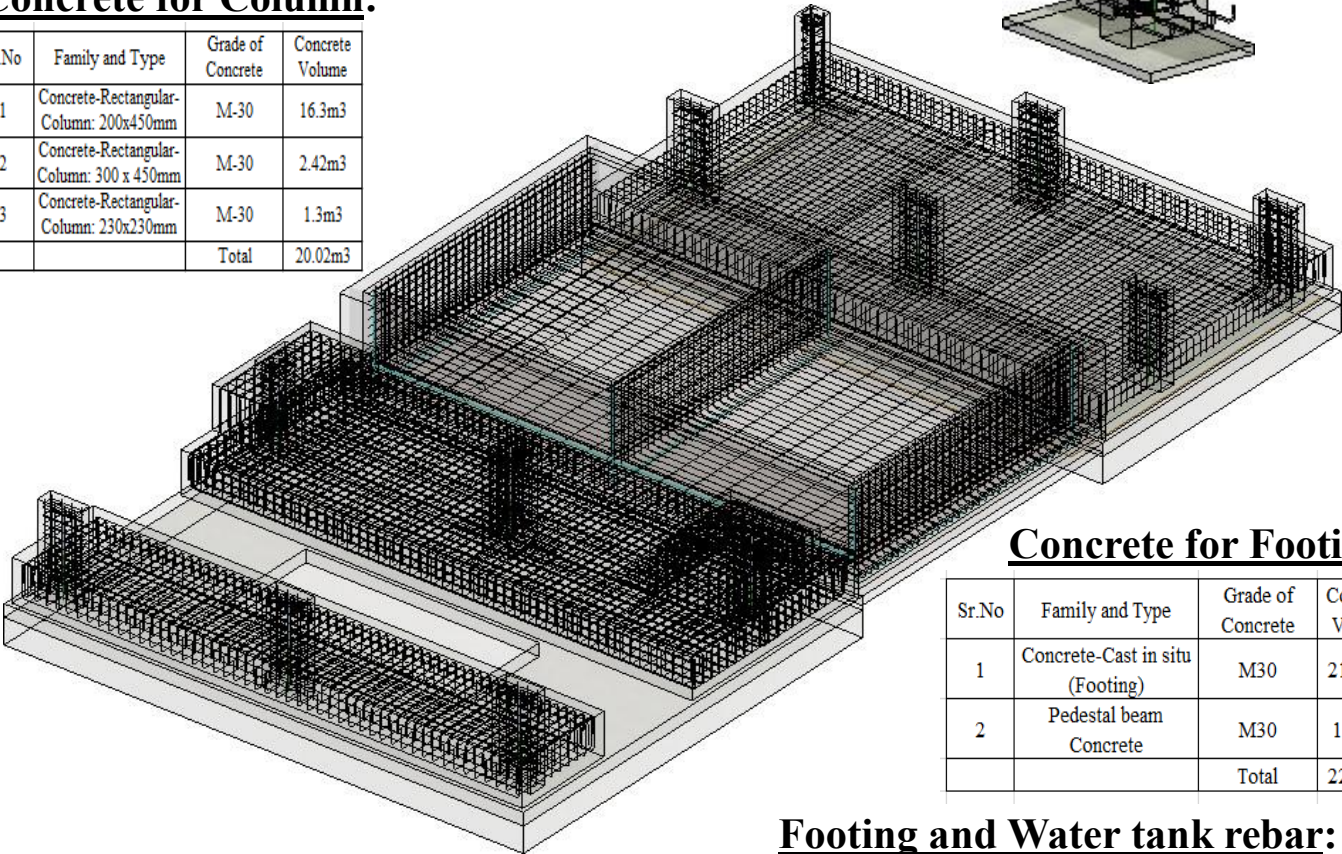
FOOTING SCHEDULE (M25,Fe500)

FOOTING NUMBERS	COLUMN NUMBERS	FOOTING TYPE	FOOTING DIMENSION					FOOTING REINFORCEMENT			REMARKS
			STEP	L	B	D1	D2	BOTTOM		TOP	
								ALONG B	ALONG L	ALONG L	
FC1	C1,C2,C3	COMBINED	-	5900	1200	500	-	T12@25c/c	T12@125c/c	T12@100c/c	-
FC2	C4,C5,C6	COMBINED	-	5900	2450	500	-	T12@25c/c	T12@125c/c	T12@100c/c	-
FC3	C7,C8,C9,C10,C11,C12	COMBINED	-	5900	3480	500	-	T12@25c/c	T12@125c/c	T12@100c/c	-



Concrete for Column:

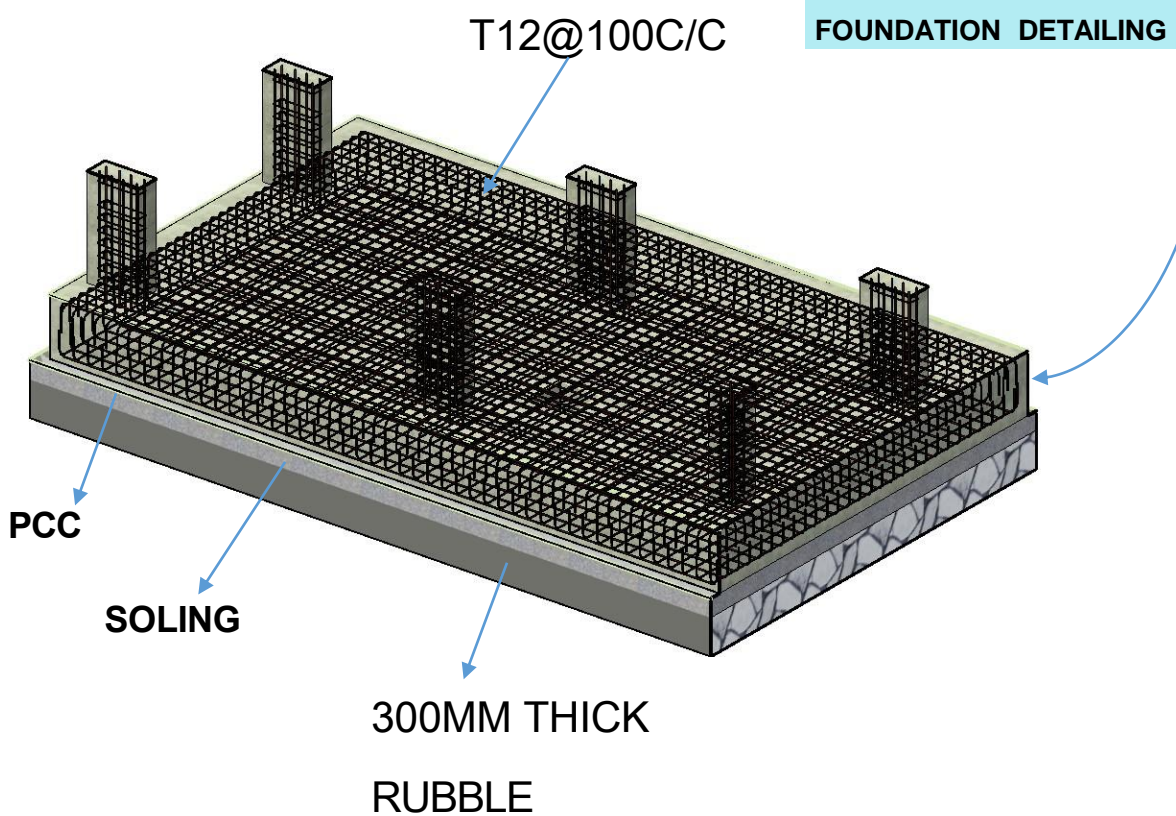
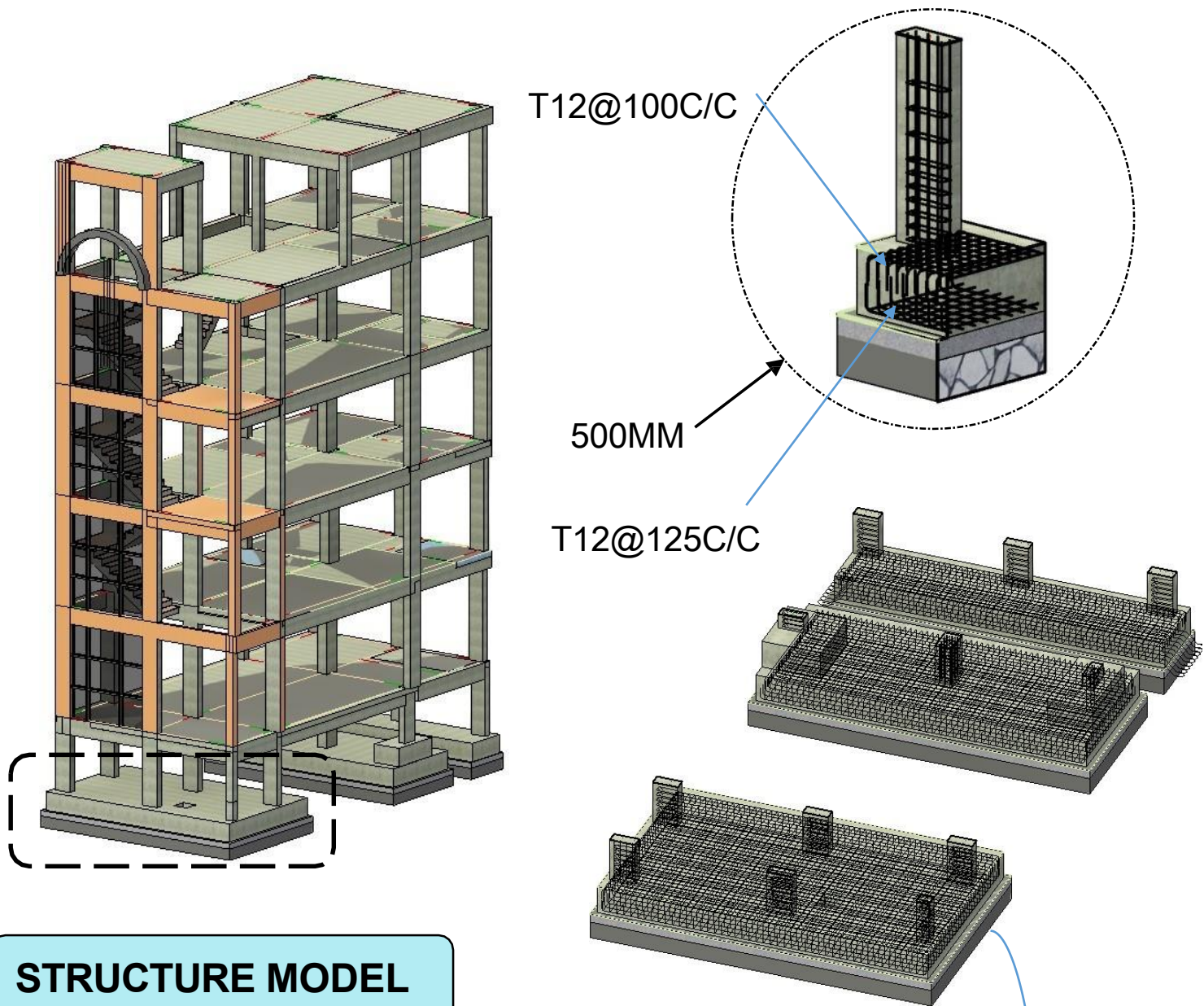
Sr.No	Family and Type	Grade of Concrete	Concrete Volume
1	Concrete-Rectangular-Column: 200x450mm	M-30	16.3m3
2	Concrete-Rectangular-Column: 300 x 450mm	M-30	2.42m3
3	Concrete-Rectangular-Column: 230x230mm	M-30	1.3m3
	Total		20.02m3



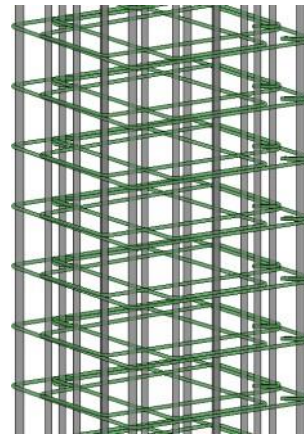
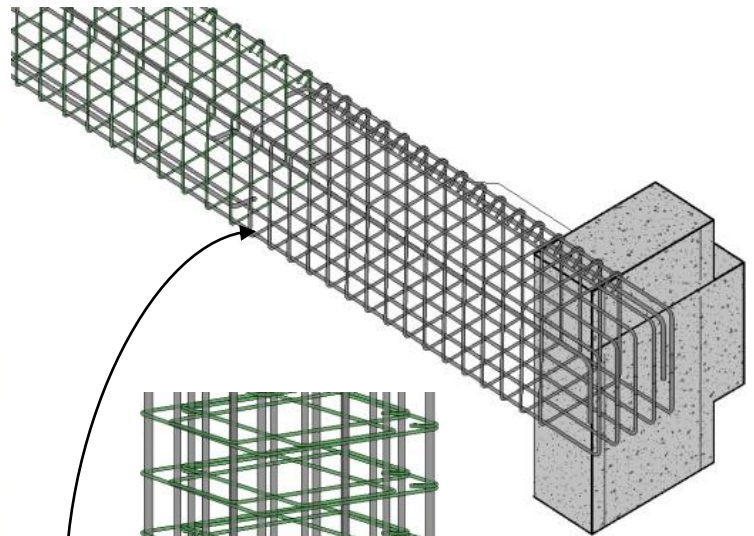
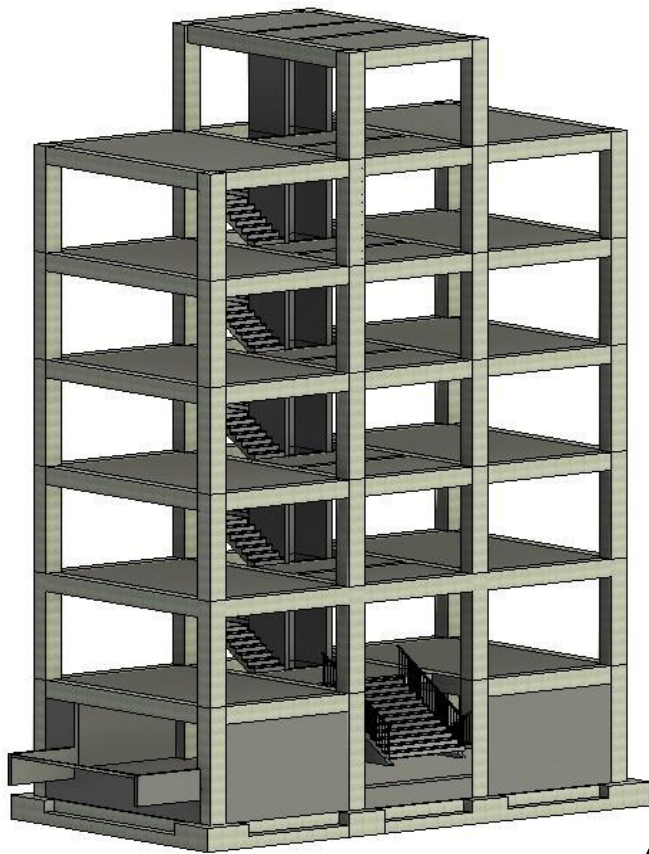
Concrete for Footing:

Sr.No	Family and Type	Grade of Concrete	Concrete Volume
1	Concrete-Cast in situ (Footing)	M30	21.06m3
2	Pedestal beam Concrete	M30	1.21m3
	Total		22.27m3

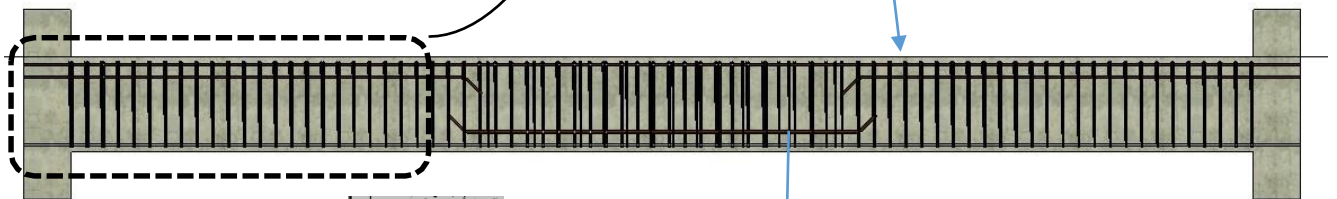
Footing and Water tank rebar:



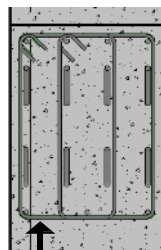
HSR STRUCTURAL MODEL



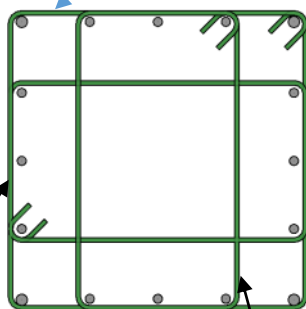
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T16Ø

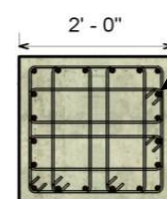
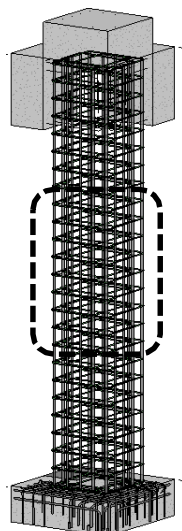
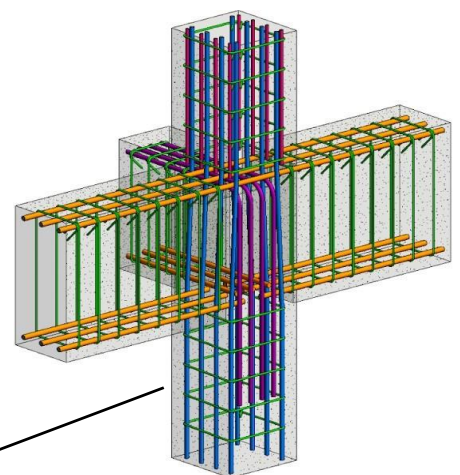


T10@100MM C/C



T8@200 C/C

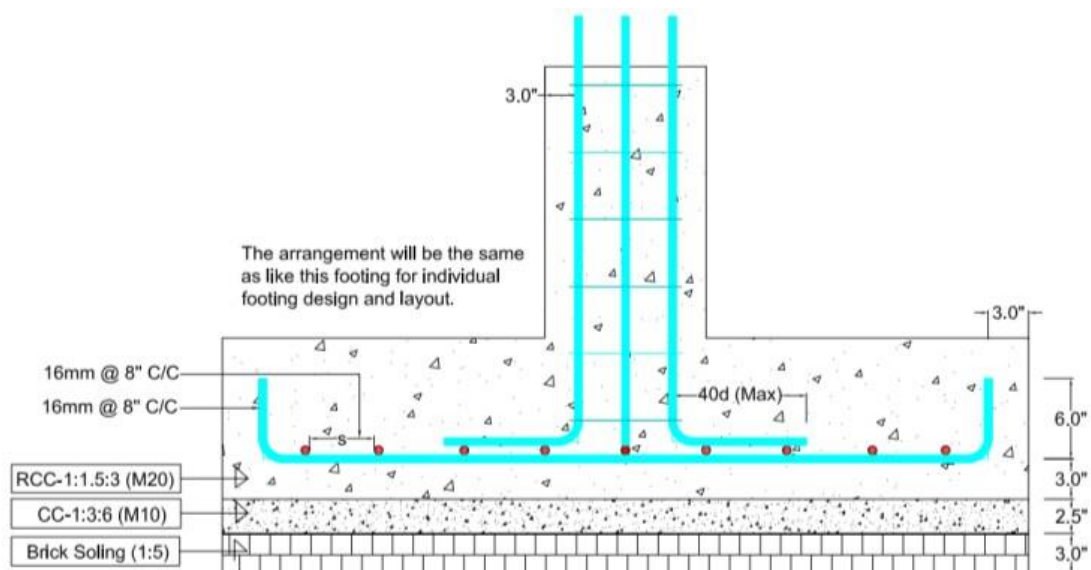
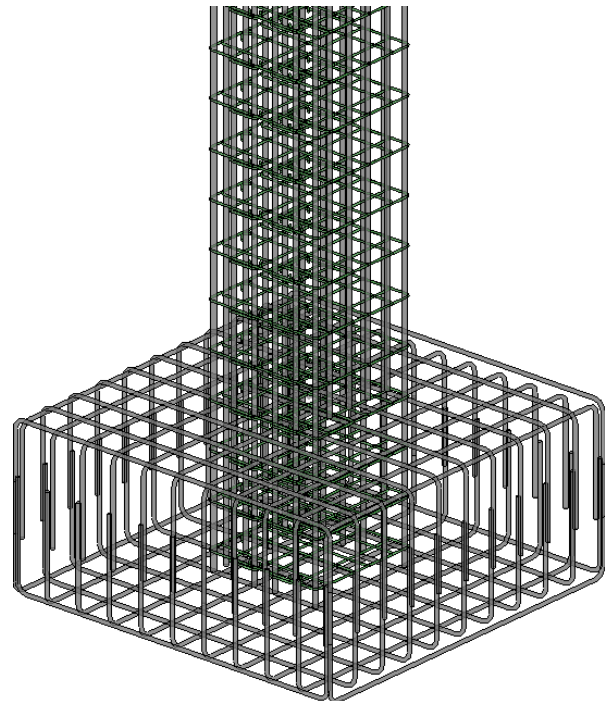
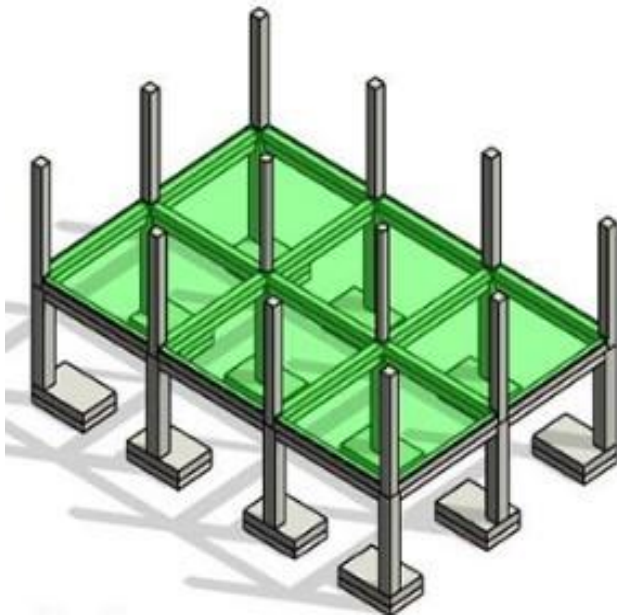
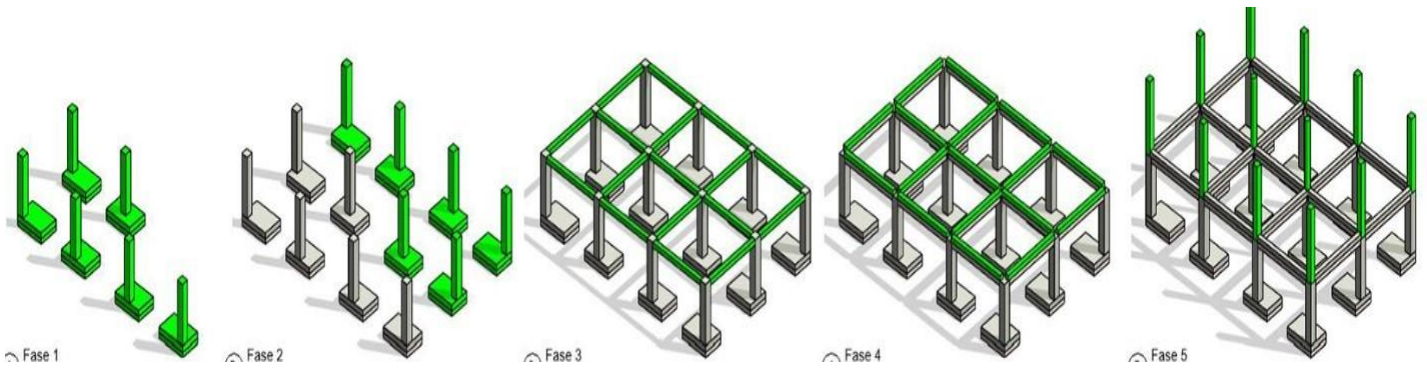
T8@200 C/C



T20Ø

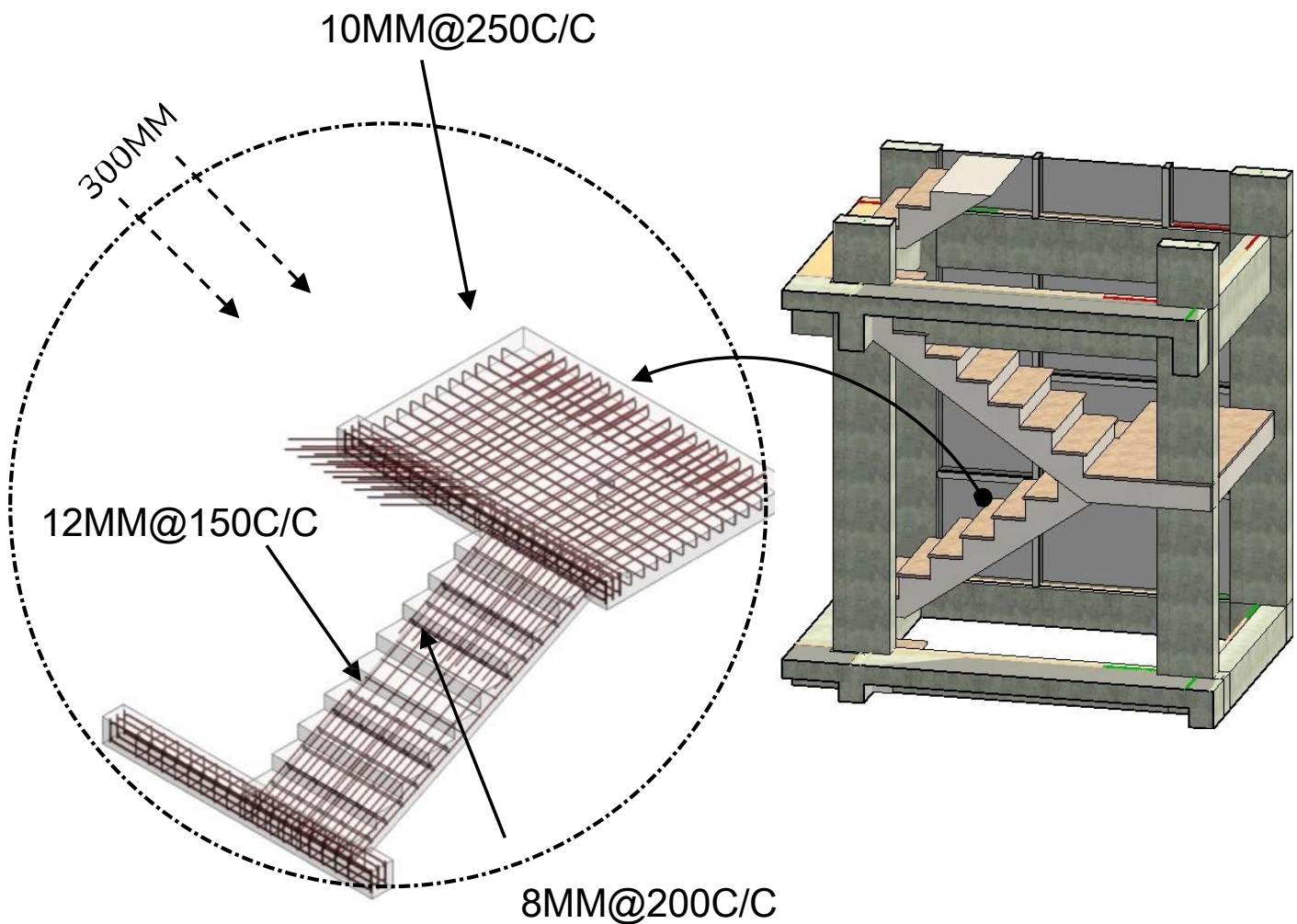
STIRRUPS

STRUCTURAL FOOTING

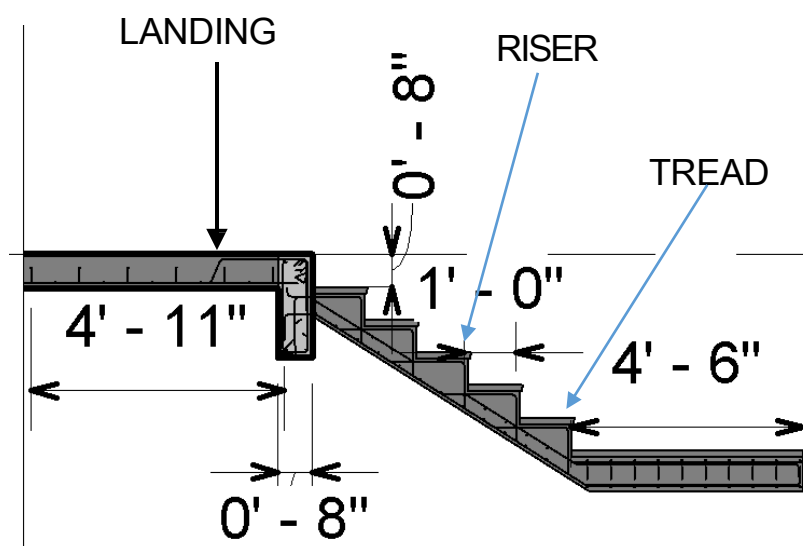


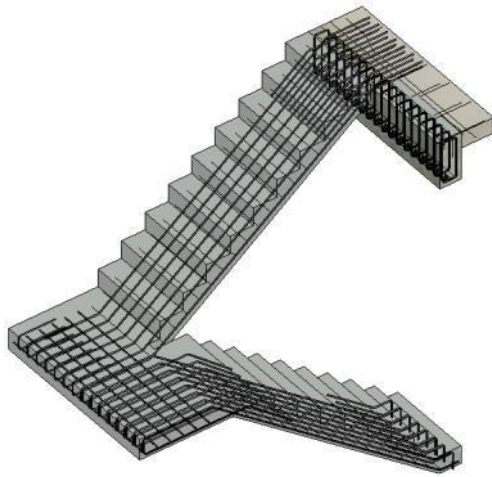
Foundation/Footing Detailing

STAIRCASE DETAILS



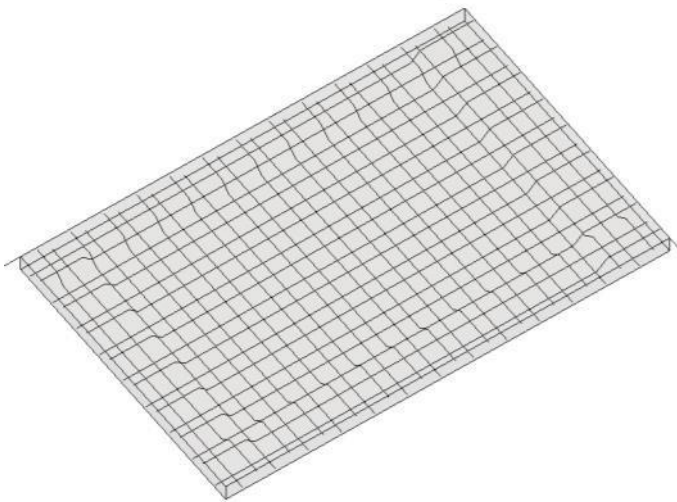
Staircase Schedule (M25, Fe500)				
Slab Name	Thickness	Main Bars	Distribution Bars	Type
ST	200	T 12@ 150c/c	T8@200c/c	One Way





Concrete for Staircase:

Sr.No	Family and Type	Grade of Concrete	Concrete Volume
1	Concrete Cast in Situ	M25	9.6m3

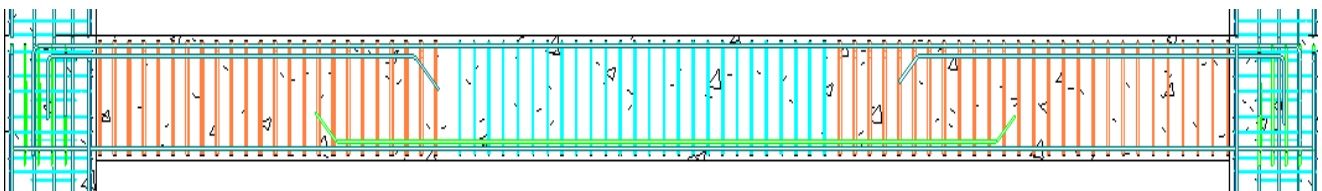
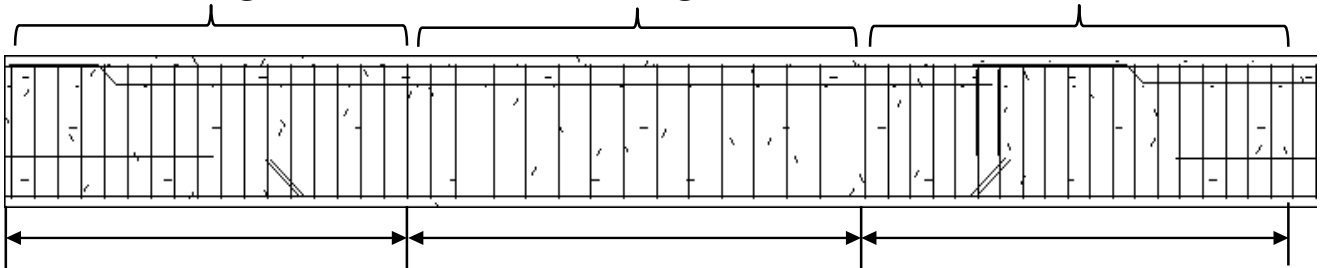


Structural Model:

Sr.No	Family and Type	Grade of Concrete	Concrete Volume
1	Floor 6" Slab	M25	46.13m3

Structural Beam Details:

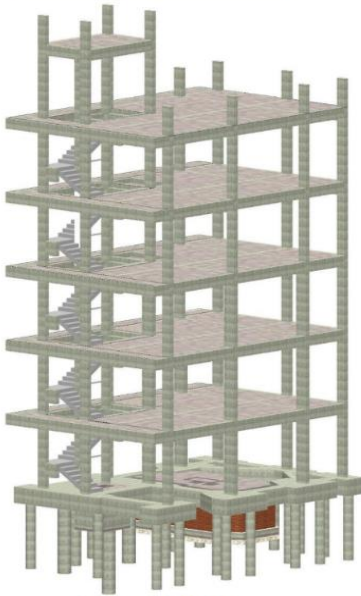
2L – T8mm @ 100mm C/C 2L – T8mm @ 150mm C/C 2L – T8mm @ 100mm C/C



Sr.No	Family and Type	Grade of Concrete	Concrete Volume
1	Concrete-Rectangular Beam: 6"x12"mm	M25	1.23m3
2	Concrete-Rectangular Beam: 18"x18"mm	M25	26m3
3	Concrete-Rectangular Beam: 18"x24"mm	M25	45.67m3
4	Concrete-Rectangular Beam: 8"x24"mm	M25	3.17m3
		Total	76.07m3

Sr.No	Family and Type	Grade of Concrete	Concrete Volume
1	Basic Wall 8" wall	M-25	103.42m3

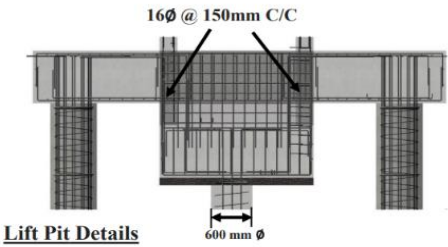
Structural Details



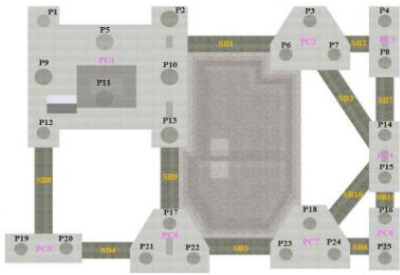
Structural Model

Concrete Consumption by Pile

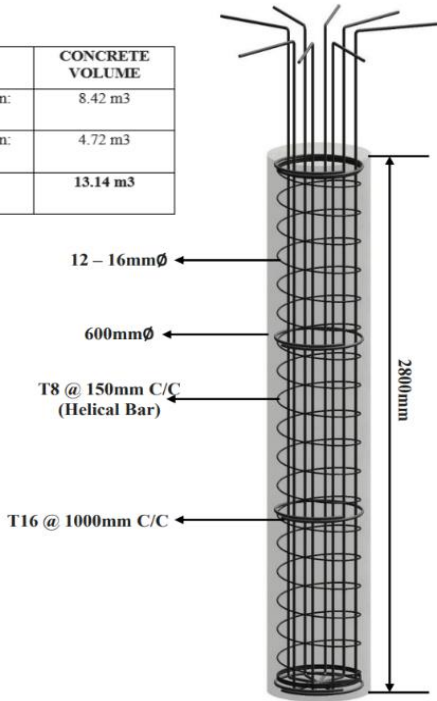
Sr.no	FAMILY ND TYPE	CONCRETE VOLUME
1	M_Concrete-Round-Column: 450mm Dia	8.42 m3
2	M_Concrete-Round-Column: 600 mm Dia	4.72 m3
	TOTAL	13.14 m3



Lift Pit Details



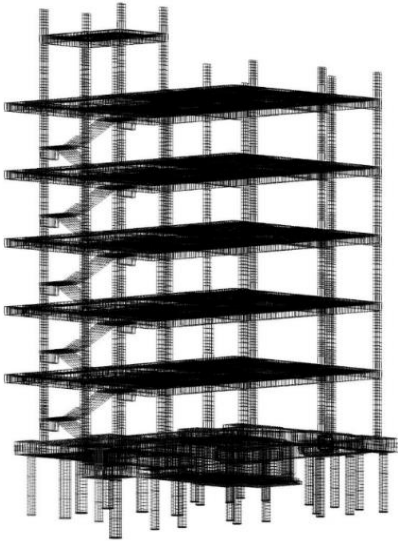
Foundation Details



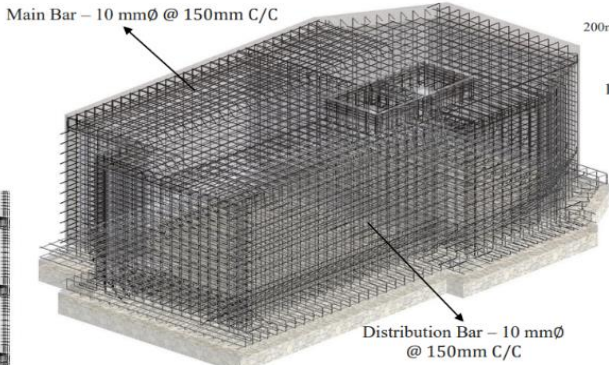
Typical Pile Details

64

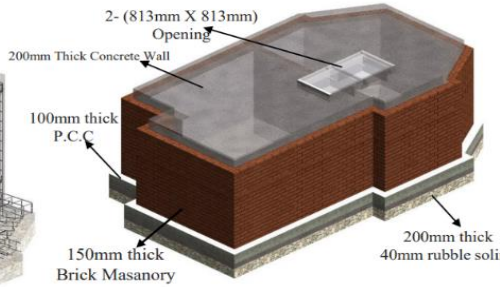
Structural Details



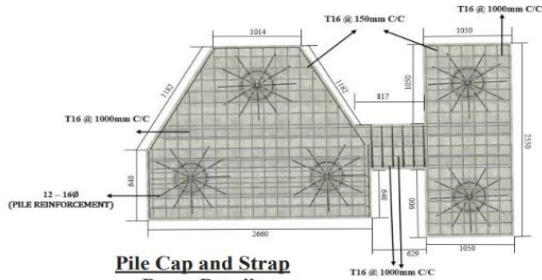
Structural Rebar Model



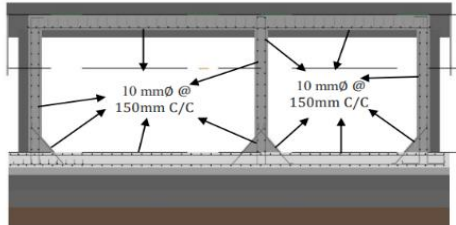
UGT Tank Details



Sump Tank 3D View



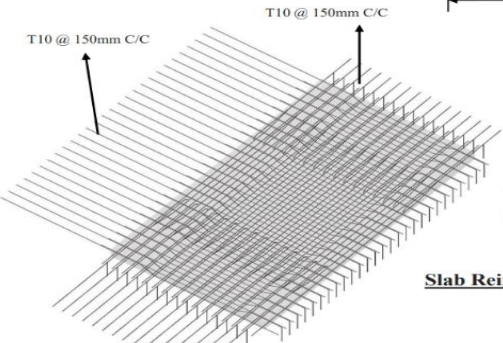
Pile Cap and Strap Beam Details



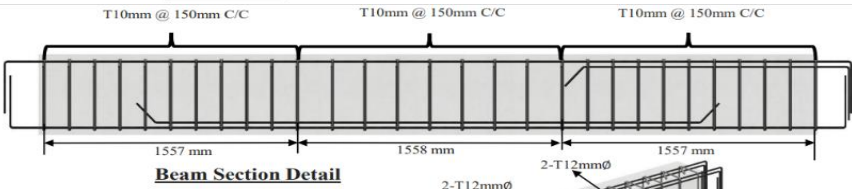
UGT Section Details

65

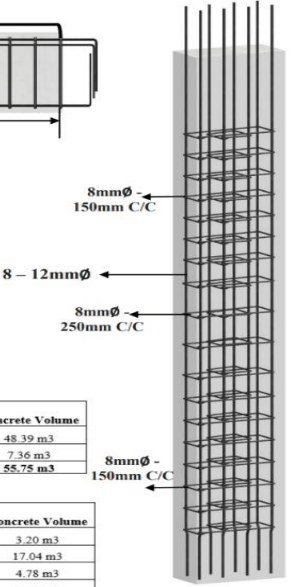
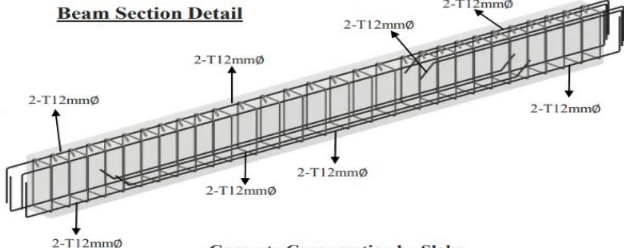
Structural Details



Slab Reinforcement Detail



Beam Section Detail



66

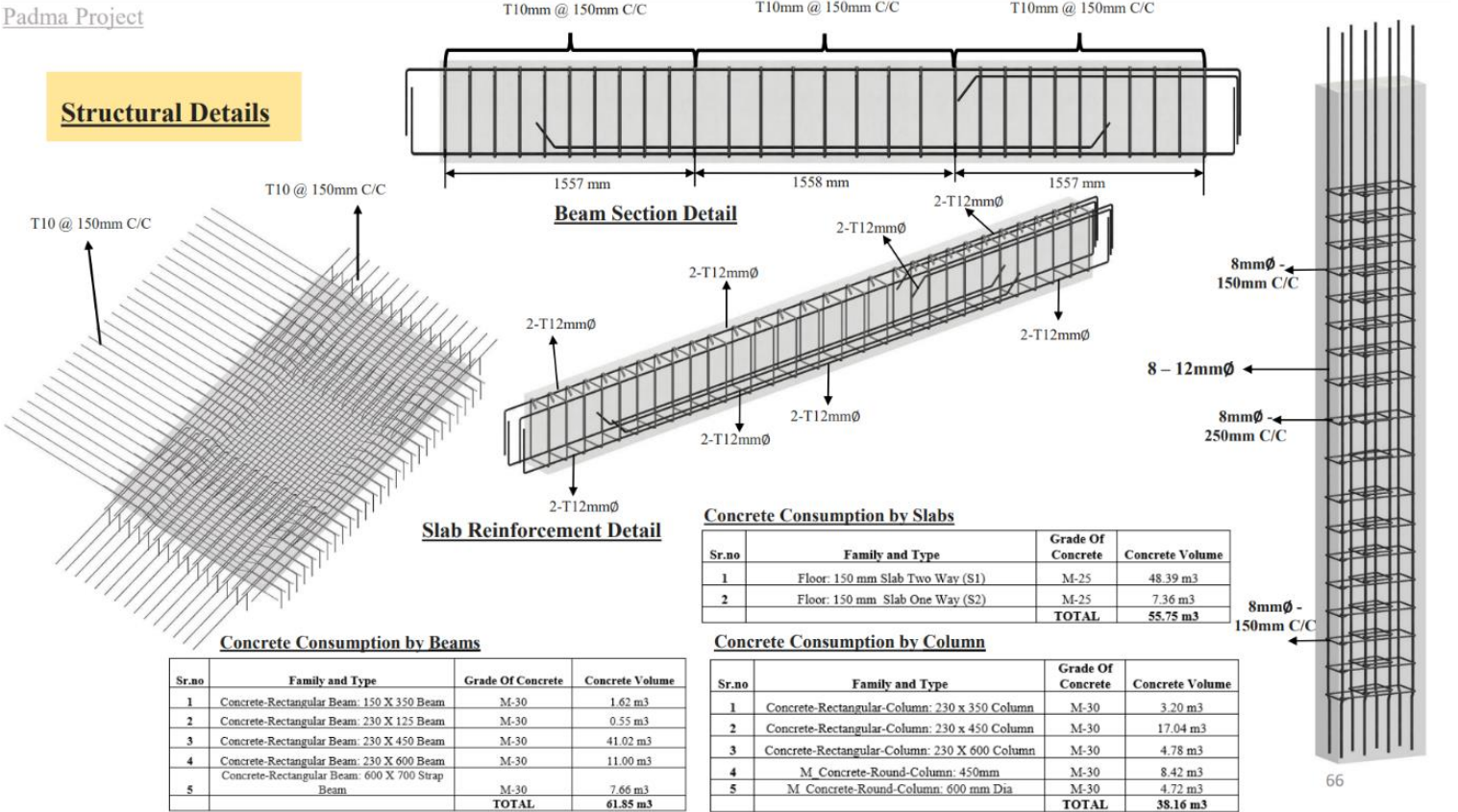
Sr.no	Family and Type	Grade Of Concrete	Concrete Volume
1	Concrete-Rectangular Beam: 150 X 350 Beam	M-30	1.62 m3
2	Concrete-Rectangular Beam: 230 X 125 Beam	M-30	0.55 m3
3	Concrete-Rectangular Beam: 230 X 450 Beam	M-30	41.02 m3
4	Concrete-Rectangular Beam: 230 X 600 Beam	M-30	11.00 m3
5	Concrete-Rectangular Beam: 600 X 700 Strap Beam	M-30	7.66 m3
	TOTAL		61.85 m3

Concrete Consumption by Slabs

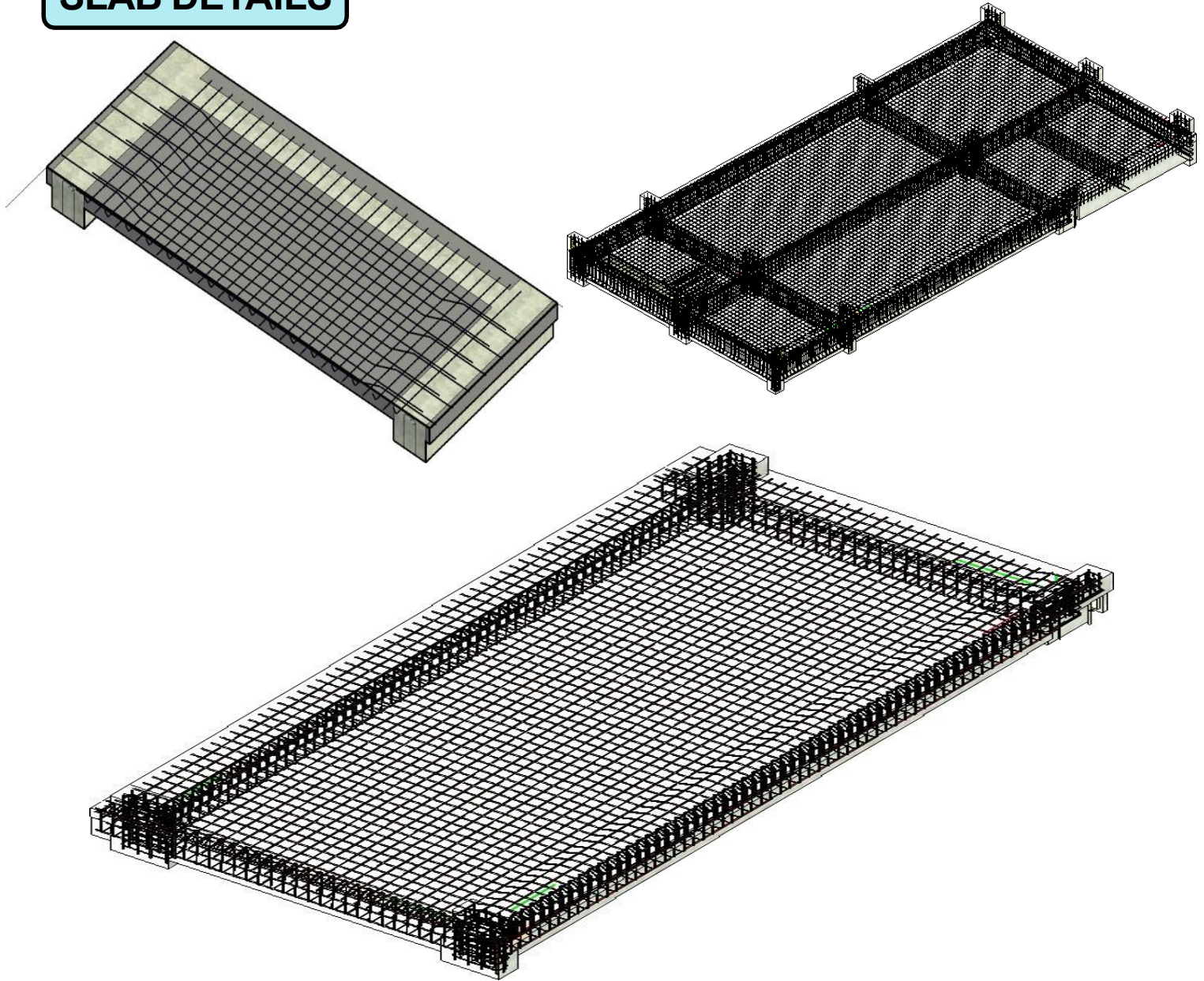
Sr.no	Family and Type	Grade Of Concrete	Concrete Volume
1	Floor: 150 mm Slab Two Way (S1)	M-25	48.39 m3
2	Floor: 150 mm Slab One Way (S2)	M-25	7.36 m3
	TOTAL		55.75 m3

Concrete Consumption by Column

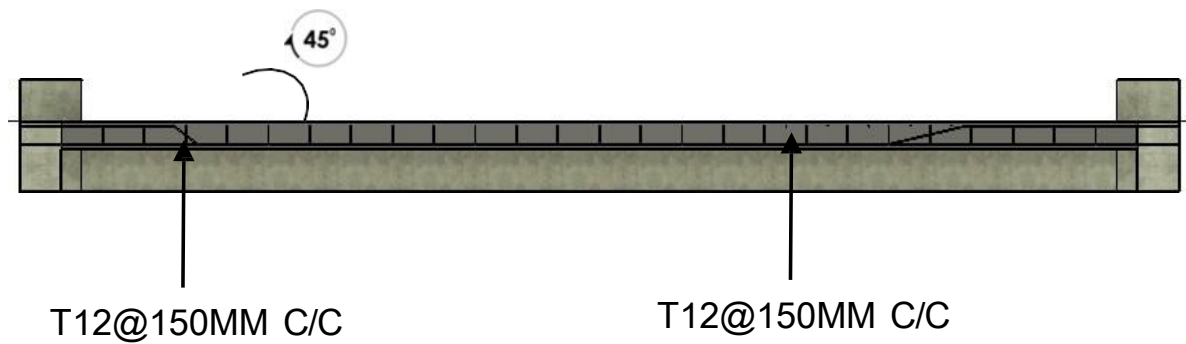
Sr.no	Family and Type	Grade Of Concrete	Concrete Volume
1	Concrete-Rectangular-Column: 230 x 350 Column	M-30	3.20 m3
2	Concrete-Rectangular-Column: 230 x 450 Column	M-30	17.04 m3
3	Concrete-Rectangular-Column: 230 X 600 Column	M-30	4.78 m3
4	M_Concrete-Round-Column: 450mm	M-30	8.42 m3
5	M_Concrete-Round-Column: 600 mm Dia	M-30	4.72 m3
	TOTAL		38.16 m3



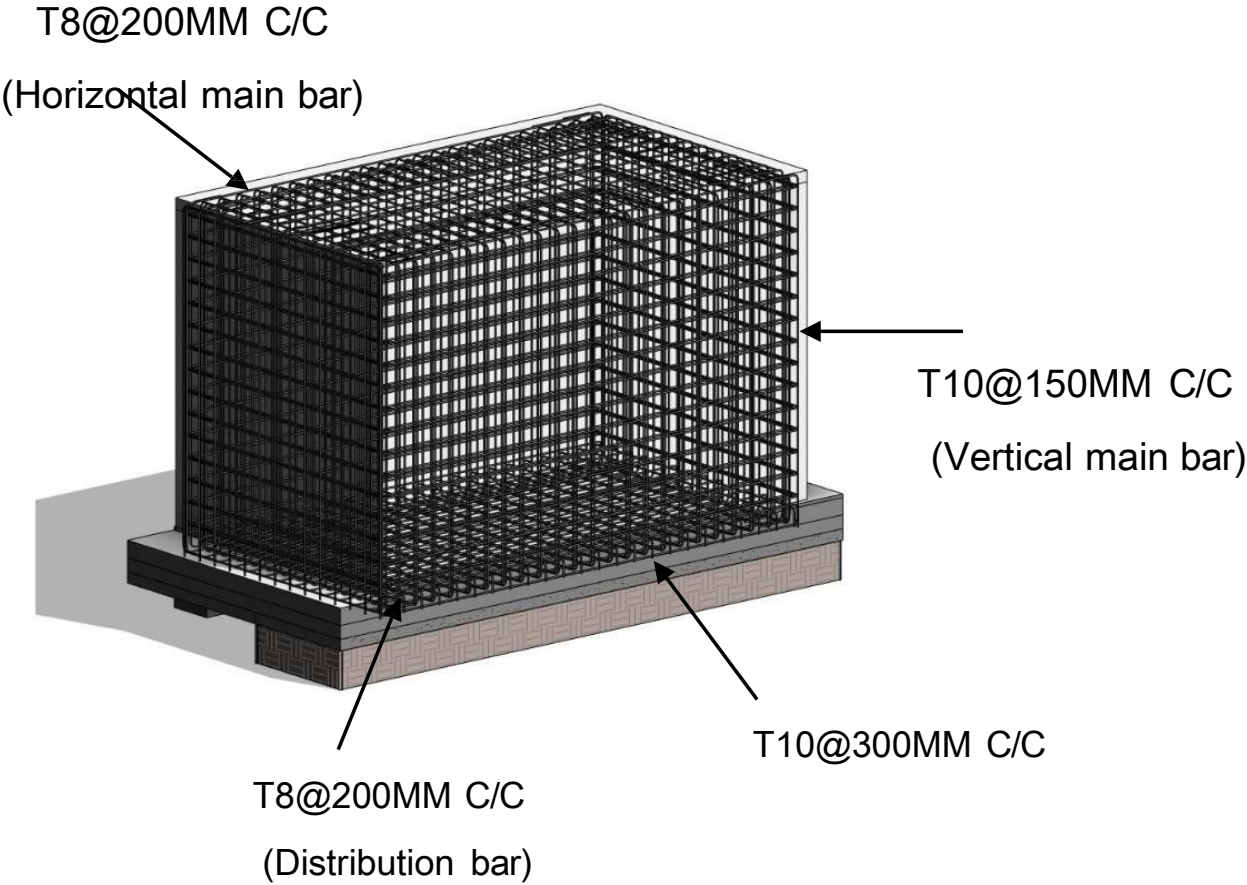
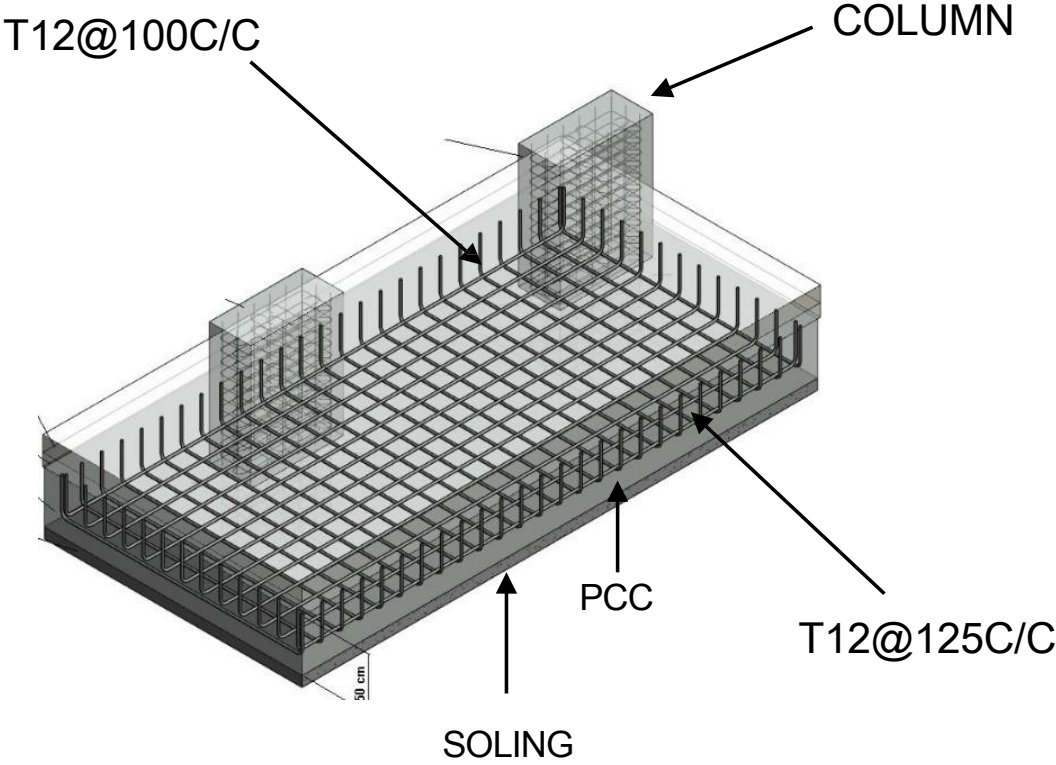
SLAB DETAILS



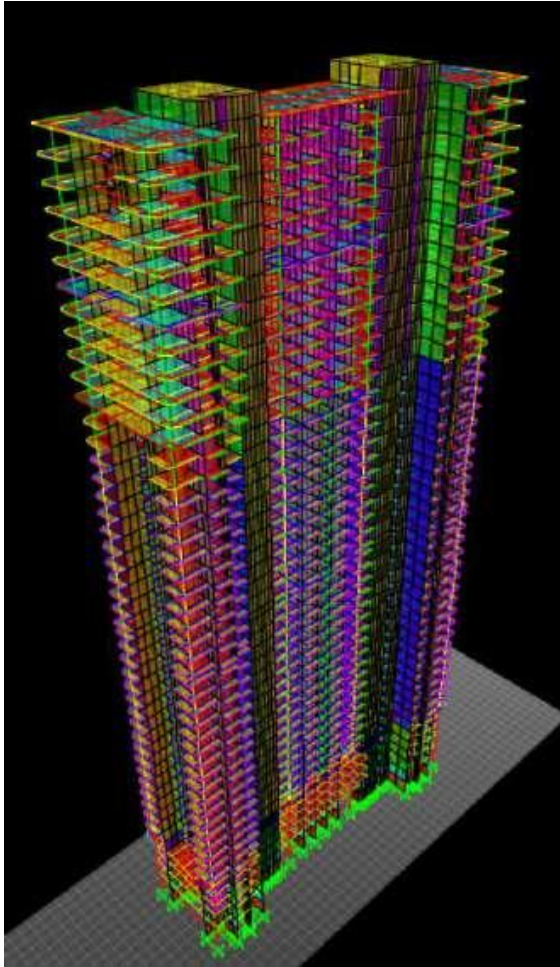
TWO WAY SLAB



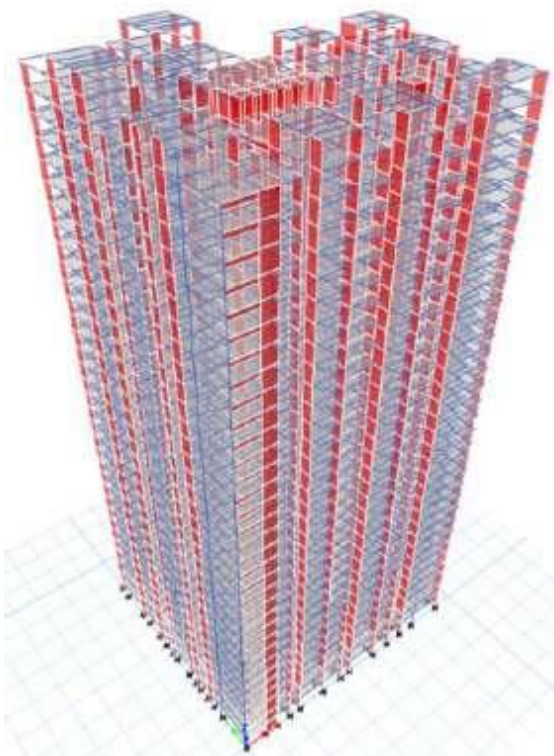
FOUNDATION AND WATER TANK



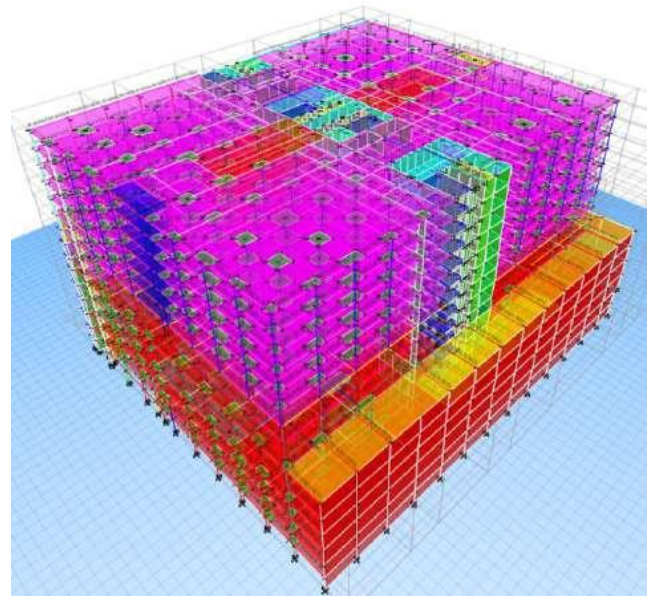
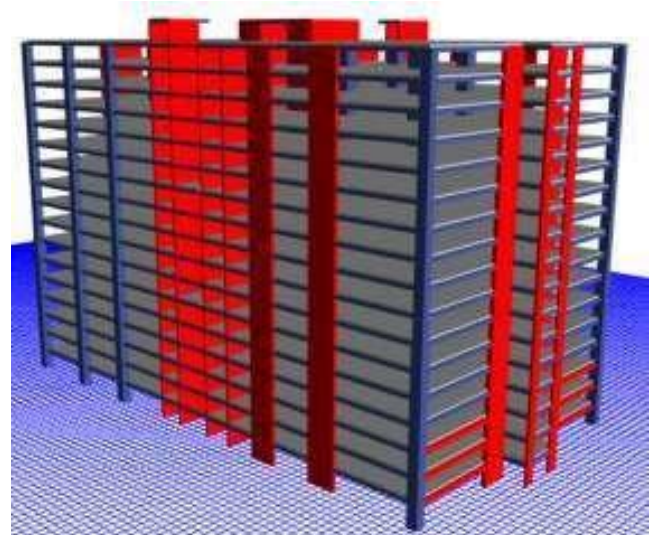
ELITEPROJECT MUMBAI (G+45)



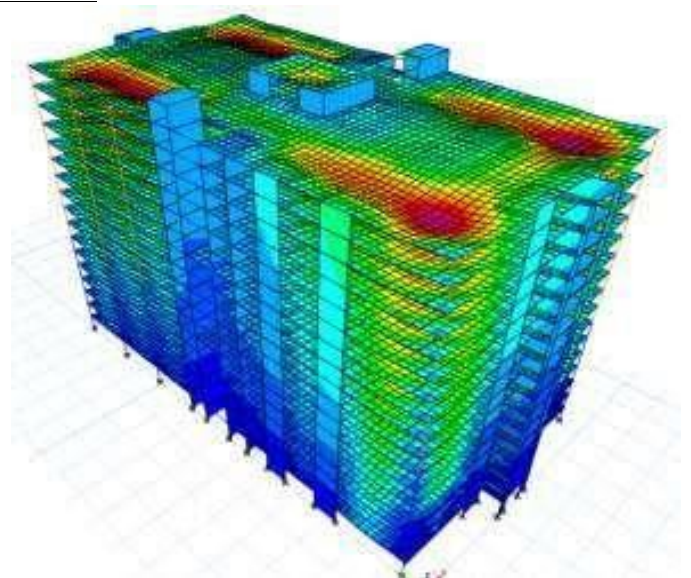
SKYCITY RESIDENTIAL, BLOCK-B
[2B+G+36]



COMMERCIAL FLAT SLAB(G+16)



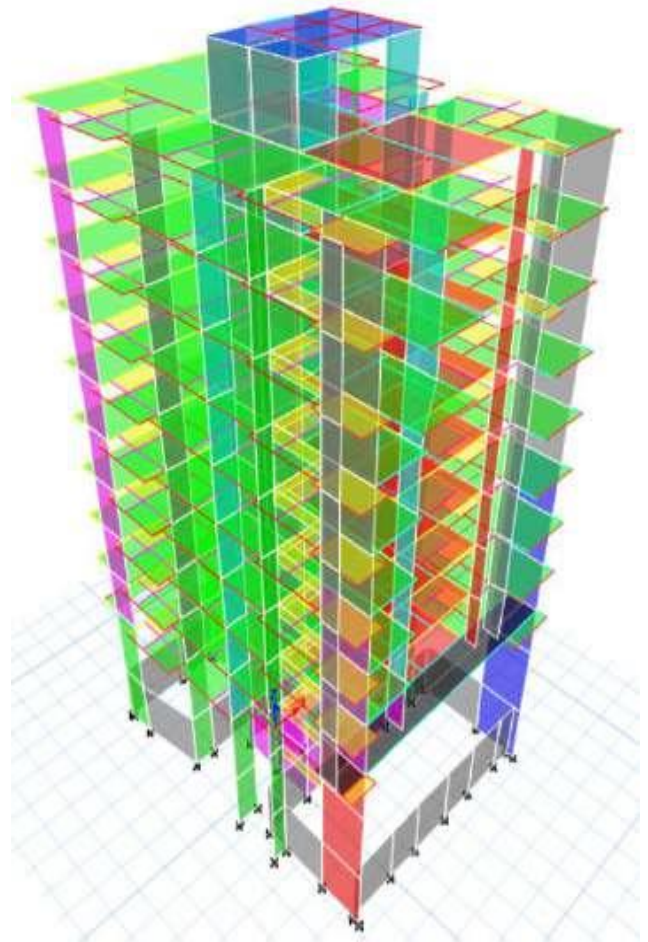
HOTEL COMMERCIAL PROJECT
DELHI



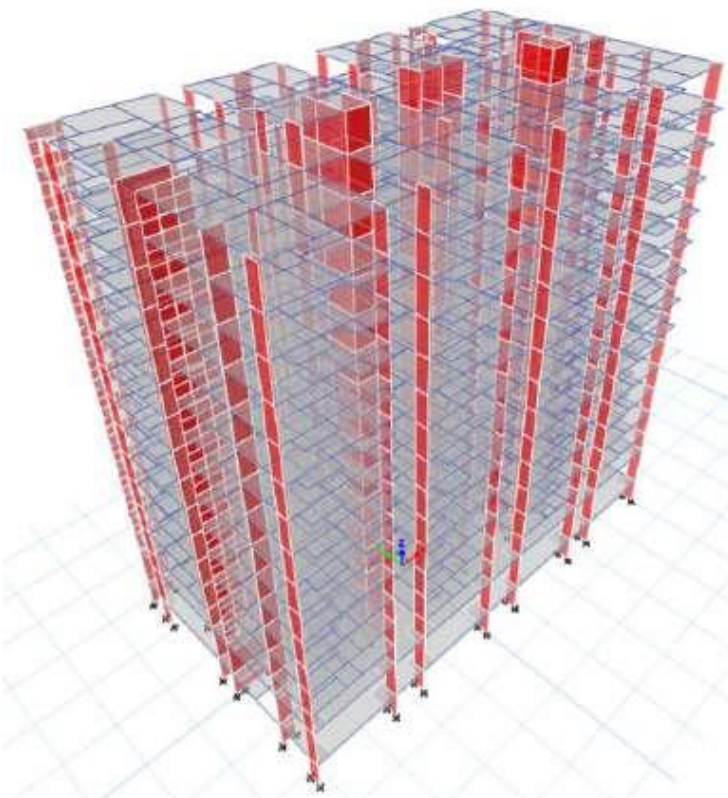
STALWART JYOTSHNA



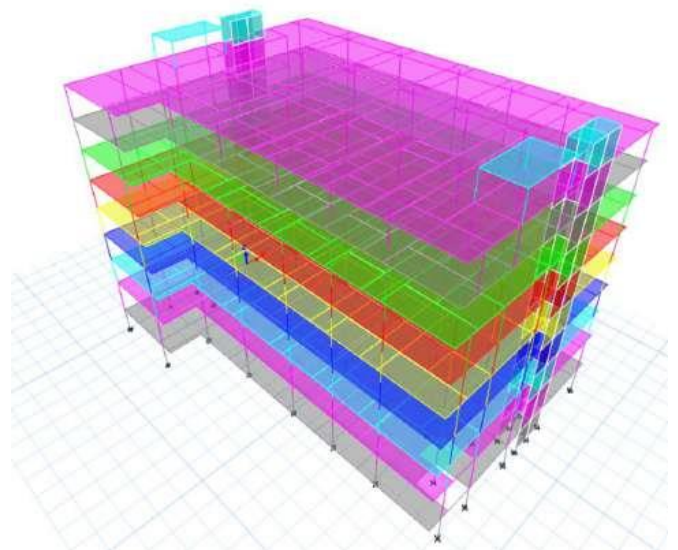
ONKAR RESIDENTIAL PROJECT MUMBAI [G+9]



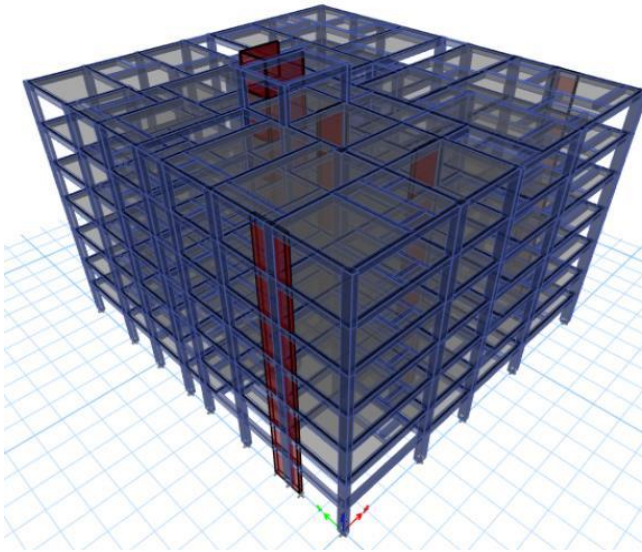
SKYCITY RESIDENTIAL, BLOCK-C [2B+G+13]



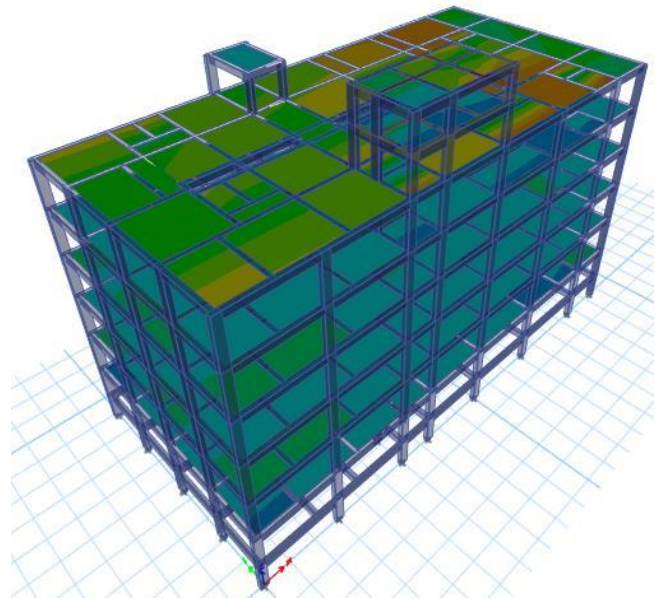
SKYCITY COMMERCIAL, BLOCK-A [3B+G+8]



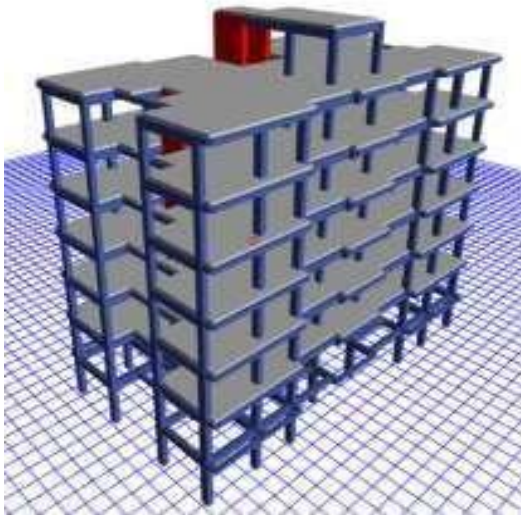
OSKARCITY(B1+S+5)



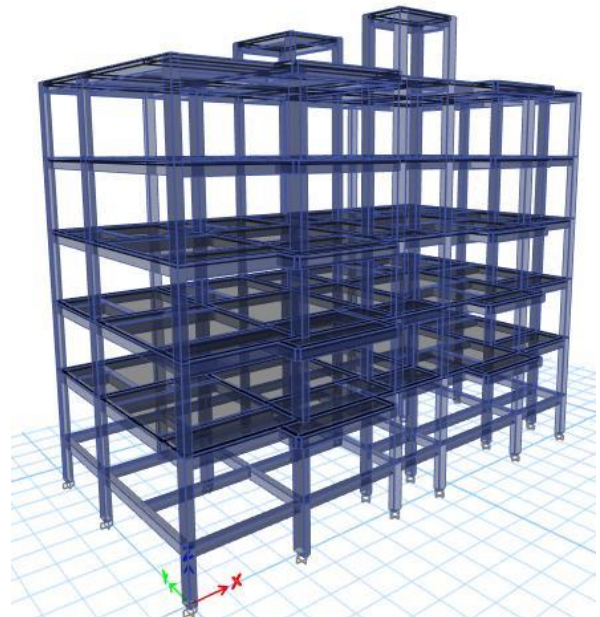
**RESIDENTIAL APPARTMENT
(G+5)**



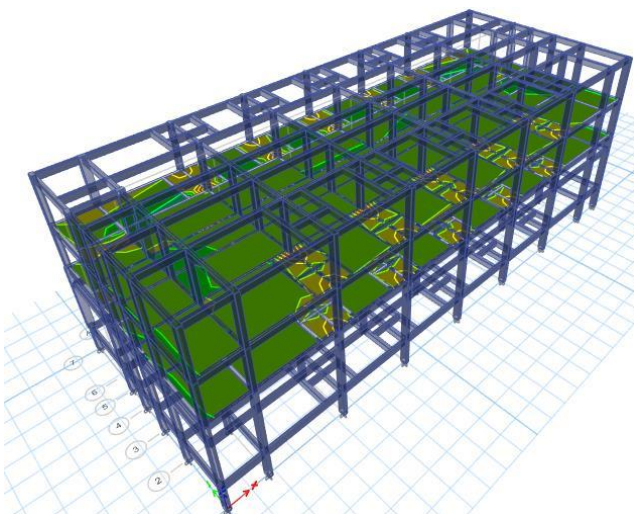
RESIDENTIAL APPARTMENT (G+5)



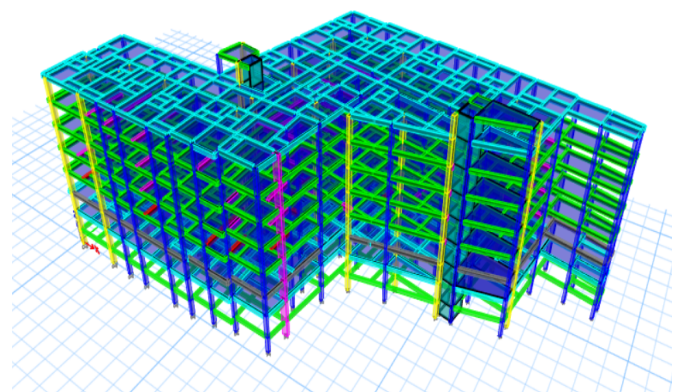
PREMLATA ENCLEVE-1 (S+4)



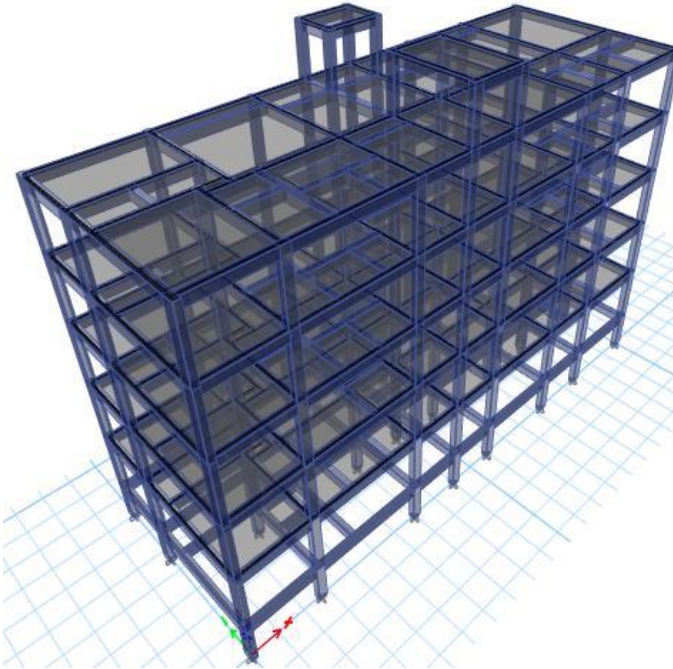
FACTORY AT MUMBAI (G+5)



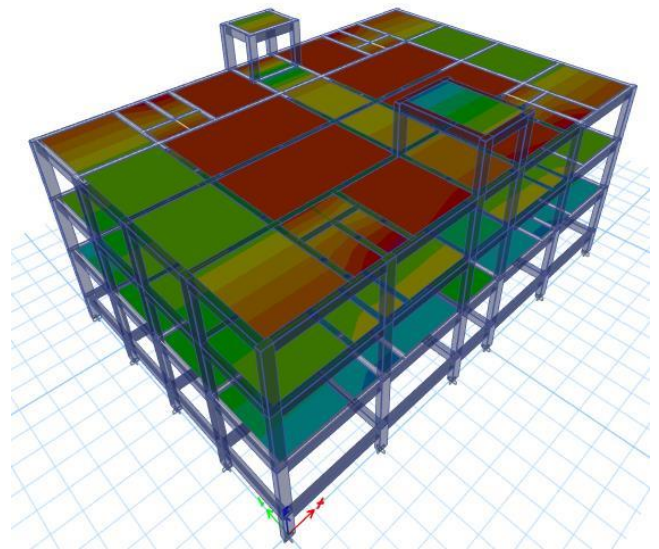
PATHARA GADIA APPARTMENT



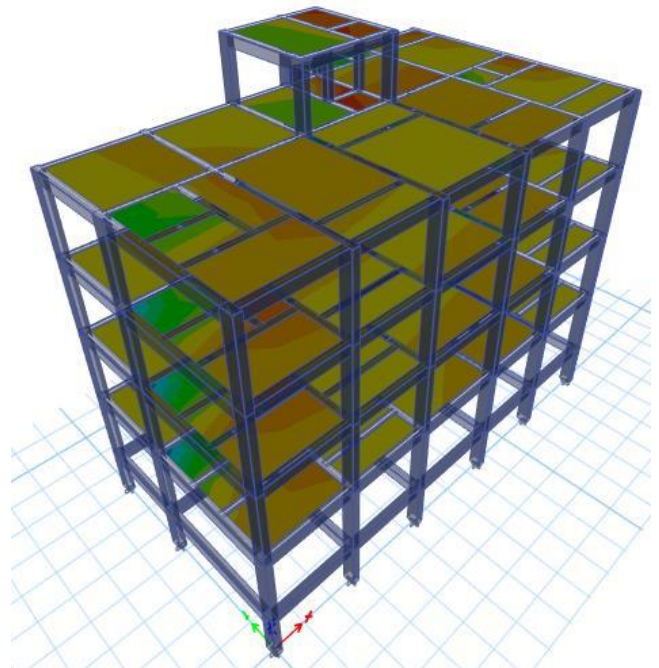
**MAA BHAWANI
CONSTRUCTION, PARADEEP**



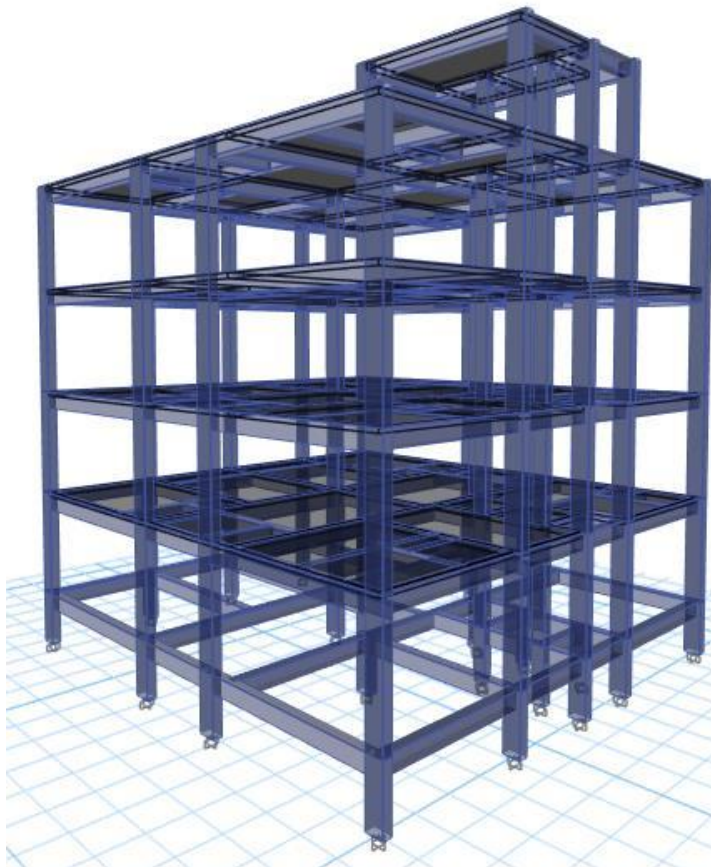
**RESIDENTIAL APPARTMENT
(G+2)**



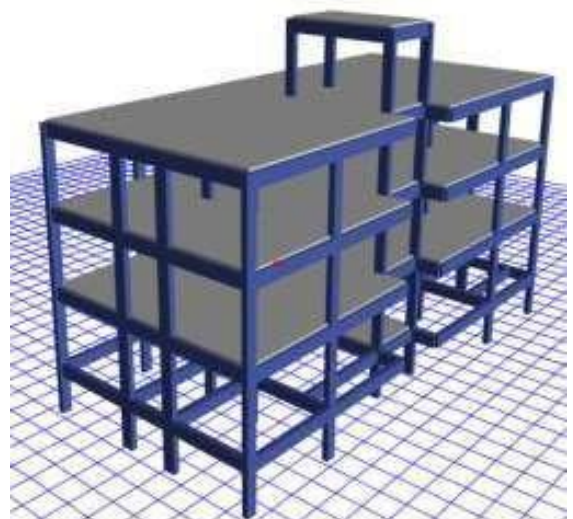
KIP DEVINE (S+3)



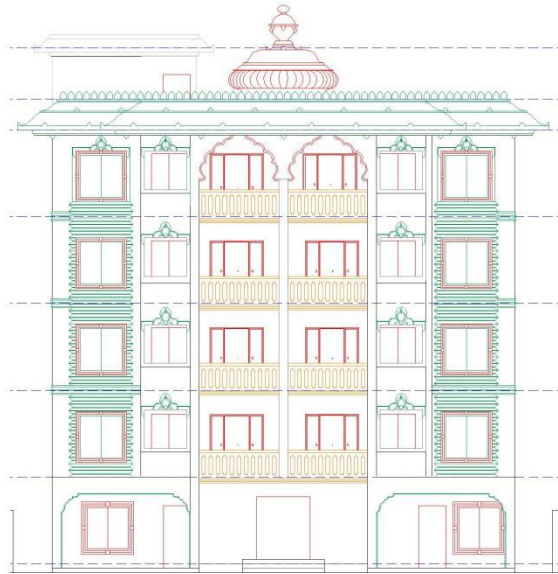
**RESIDENTIAL APPARTMENT AT
PATIA, BBSR (S+3)**



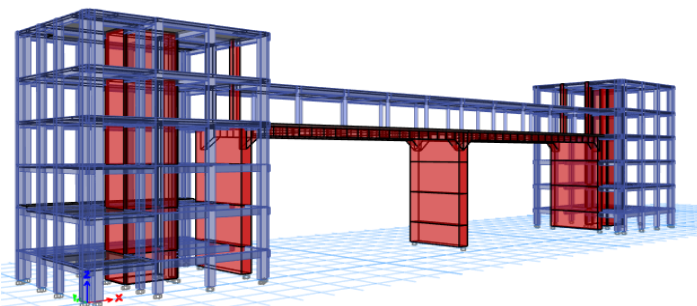
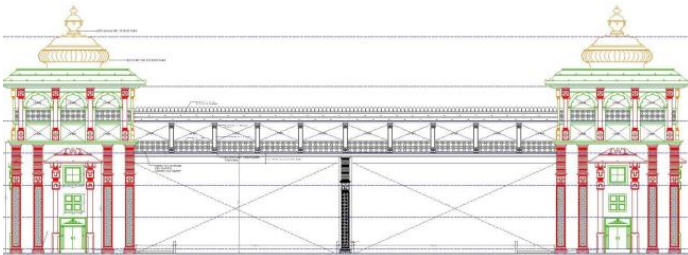
GOVERNMENT BUILDING (PH DIVISION)



MANGU MATHA, PURI

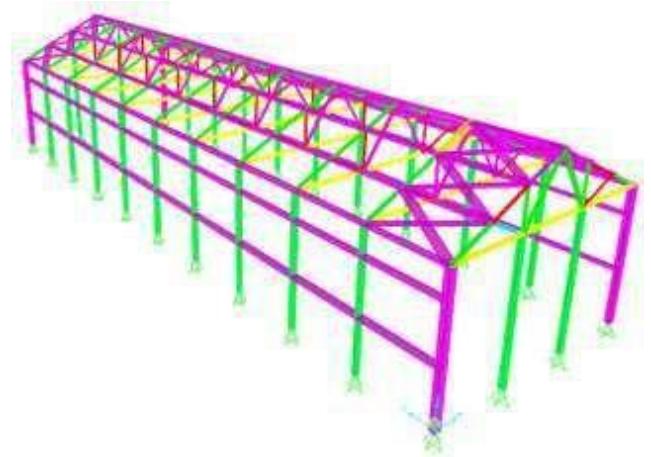


SHREE SETU GATE COMPLEX, PURI

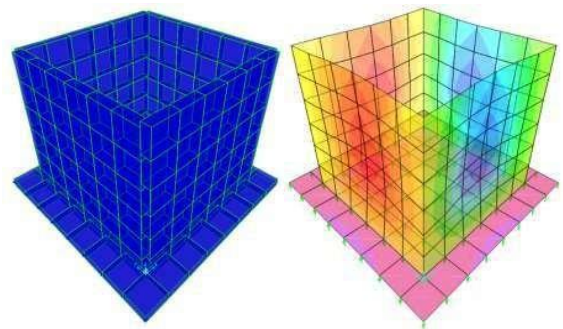


PITCHED PRATT TRUSS

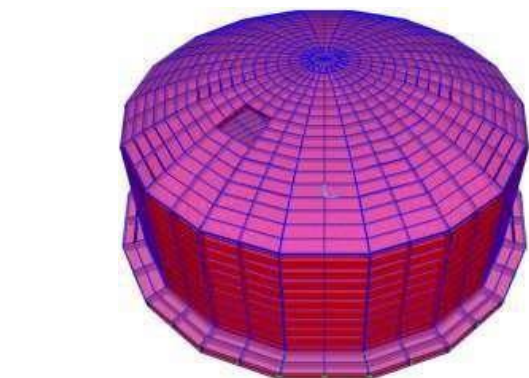
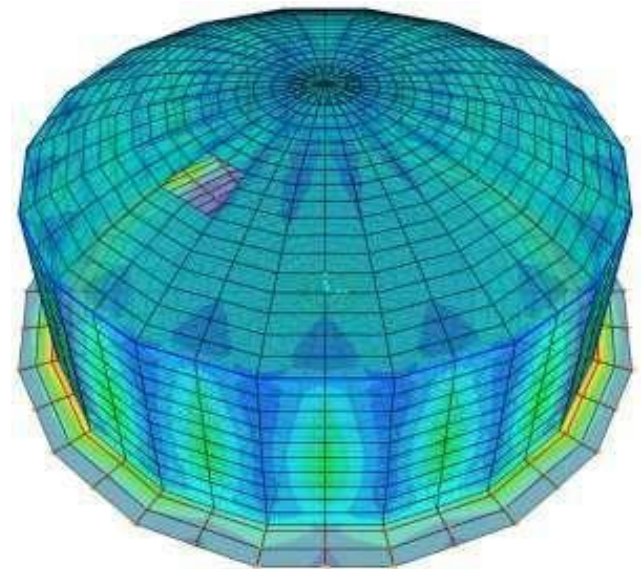
FAN TRUSS



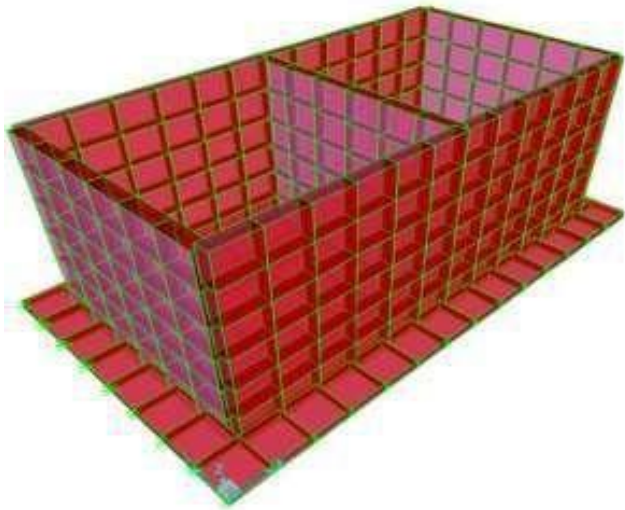
SINGLE WATER TANK



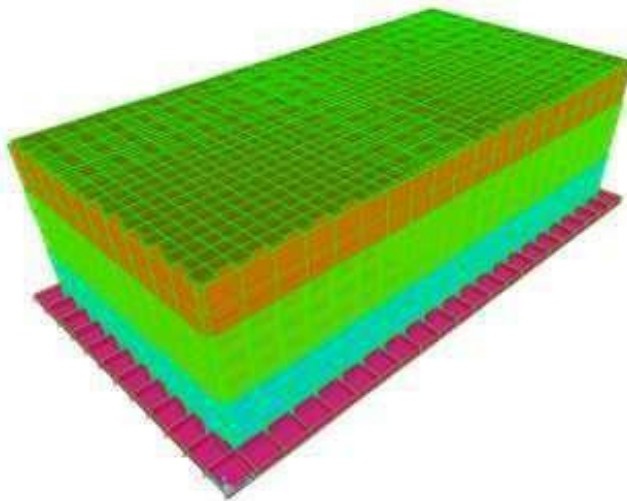
CIRCULAR WATER TANK



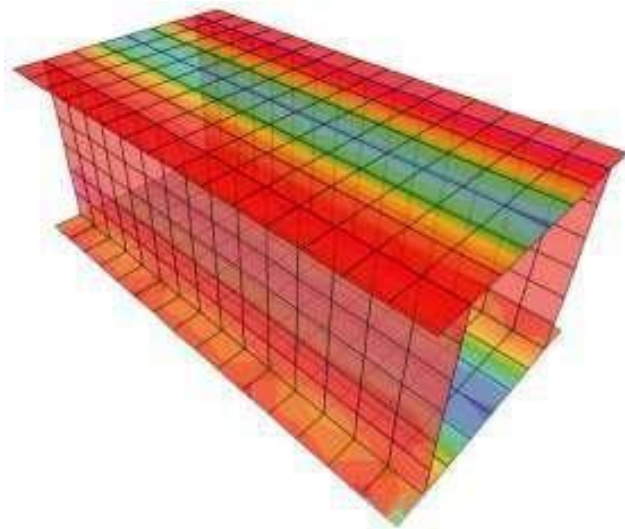
DOUBLEWATERTANK(STP)



QUATERWATERTANK



BOX CULVERT



SOME SMALL PROJECTS FOR
REFERENCE

























WATER RETAINNING STRUCTURE DESIGN

We have the capability of planning & design of water retaining structures and suggesting water resource management. Our experts also take up water availability study and design of weirs & check dams for on river storage.

Our professional carry out draw down tests to check the infiltration capacity of borewell and as suggest the water availability in sub-surface for harnessing though radial wells.



SERVICE : -

- Underwater inspection of Infiltration Gallery
- Geotechnical Investigation for Irrigation Structures
- Catchment Survey
- Hydrological Study
- Feasibility Study
- Underwater Survey
- Dpr preparation of water saturation plan
- ESR and UGR design

Key PROJECT :

- Prepared approx 100 nos of dpr with water saturation plan for RWS&S devison Balasore.
- Designed almost 250 nos of over head water tank and under ground water tank all over odisha.
- Designed 4 nos of wtp for RWS&S and PH division odisha.(bhubaneswar, cuttack, sambalpur, Talcher)

1. AMRUT ODISHA PROJECTS (APPROVED FROM ENGINEERS INDIA LIMITED)

- Construction Of 5 MLD WTP At Vedvyas For The Work Improvement Of Water Supply To Rourkela.(New Z1 & Improvement OF WS-Rising Main From Bisra Chowk To Koel Nagar(AMRUT/OD/ROURKELA/WS/03))
- Improvement of Water Supply to Bhadrak New Z1 (AMRUT/OD/BHADRAK/WE/05)
- IMPROVEMENT OF WATER SUPPLY TO BALASORE NEW Z3 (AMRUT/OD/BALASORE/WS/08)
- IMPROVEMENT OF WATER SUPPLY TO SLUM IN PURI TOWN ODISHA(AMRUT/OD/PURI/WS/11)

- IMPROVEMENT OF WATER SUPPLY TO SLUMS IN WARD NO 14,15,16,17,18, 23,24,25,26 & 34 UNDER Z4 OF SAMBALPUR MUNICIPAL CORPORATION. (AMRUT/OD/SAMBALPUR/WS/27)
- SCOPE OF WORK FOR EXTENSION OF DISTRIBUTION NETWORK AND ALLIEDWORKS IN ZONE- 1, 4, 5, 6 & 7 OF SMC,INCLUDING SLUMS (AMRUT/OD/SAMBALPUR/WS/28)
- (6 MLD WTP) IMPROVEMENT OF WS TO CUTTACK- NEW Z11 & HEAD WORKS P1 ODISHA,(AMRUT/OD/CTC/WS/34)
- SCOPE OF WORK FOR IMPROVEMENT OF WS TO CUTTACK-DISTRIBUTION (WARD NO.- 56,57,58&59), INCLUDING SLUMS (AMRUT/OD/CUTTACK/WS/39)
- "REHABILITATION OF EXISTING 9.00 MLD WTP, IMPROVEMENT OF DISTRIBUTION SYSTEM AND CONSTRUCTION OF SERVICE RESERVOIRS WITH ALLIED WORKS IN HIRAKUD TOWN (ZONE-3 OF SMC), INCLUDING SLUMS (AMRUT/OD/SAMBALPUR/WS/40)"
- Rehabilitation of existing 4.5 ML capacity WTP,RW main to proposed 6.0 ML WTP, improvement of distribution system and construction of services reservoirs with allied works in Burla Town (Zone 2 of SMC),including Slums (AMRUT/OD/SAMBALPUR/WS/41).
- (7 MLD WTP) IMPROVEMENT OF WATER SUPPLY TO CUTTACK HEAD WORKS P2 PRATAP NAGRI ODISHA (AMRUT/OD/CTC/WS/42)
- SCOPE OF WORK FOR EXTENSION OF DISTRIBUTION NETWORK AND ALLIEDWORKS IN ZONE- 1, 4, 5, 6 & 7 OF SMC,INCLUDING SLUMS(AMRUT/OD/SAMBALPUR/WS/42)
- PROPOSED CONSTRUCTION OF "IMPROVEMENT OF WATER SUPPLY TO UNCOVERED AREA OF CUTTACK UNDER PH DIVISION (AMRUT/OD/CUTTACK/WS/48) & IMPROVEMENT OF WATER SUPPLY TO SCARCITY AREA OF CUTTACK UNDER PH DIVISION (AMRUT/OD/CUTTACK/WS/47)
- PROVISION OF DOMESTIC WATER SUPPLY TO DIFFERENT UNCOVERED POOR URBAN AREAS UNDER PH SUB DIVISION , SAHID NAGAR, BHUBANESWAR. (AMRUT/OD/BBSR/WS/48)
- SCOPE OF WORK FOR INDEPENDENT WATER SUPPLY TO DIFFERENT UNCOVERED POOR URRBAN AEAS UNDER PH DIVISION -III (PART 2) . (AMRUT/OD/BHUBANESWAR/WS/61)
- IMPROVEMENT OF WATER SUPPLY TO DIFFERENT UNCOVERED POOR URBAN AREAS, BHUBANESWAR (AMRUT/OD/BBSR/WS/80)
- SCOPE OF WORK FOR IMPROVEMENT OF WATER SUPPLY TO UNCOVERED AREA OF BHUBANESWAR UNDER PH DIVISION-II(PACKAGE 1)(AMRUT/OD/BBSR/WS/84)

2. STATE PROJECTS(DW & PR) (APPROVED FROM STATE RECOGNISED UNIVERSITY)

- (0.4 MLD WTP) EXECUTION OF RURAL PIPED WATER SUPPLY SYSTEM AT VILLAGE PEDAGADI IN G.P. PEDAGADI UNDER KAPTIPADA BLOCK OF MAYURBHANJ DISTRICT UNDER RIDF PROGRAMME 2019-20
- (1.5 MLD WTP) DEVELOPMENT OF SOURCE, CONST. OF WTP AND OTHER WORKS FOR RPWS TO VILLAGE GURUJANGA & ITS ADJ. VILLAGES UNDER TALCHER BLOCK.
- (5 MLD WTP) AUGMENTATION OF RURAL PIPED WATER SUPPLY TO VILLAGE GANDERPUR AND ADJOINING VILLAGES UNDER BHUBANESWAR BLOCK IN THE DISTRICT OF KHURDA UNDER BASUDHA FOUNDING.
- (5 MLD WTP) DESIGN,DRAWING,CONSTRUCTION,COMMISSIONING AND TESTING OF 5.0MLD CAPACITY WATER TREATMENT PLANT AND OTHER ANCILLARY WORK INSIDE NALCO HEAD WORKS UNDER BANARPAL BLOCK IN ANGUL DISTRICT.
- EFFLUENT TREATMENT PLANT 250 CUM/HR (JINDAL STEEL)
- EFFLUENT TREATMENT PLANT 250 CUM/HR ESSAR STEEL)
- COMPLETED APPROX 250+ NOS OF OVERHEAD WATER TANKS, UNDERGROUND WATER TANKS, AND HYDRAULIC STRUCTURES (**APPROVED FROM CET BBSR & IGIT SARANG**)
- Prepared 100+ DPR's for rural water supply & PR & DW department(BALASORE)

3. PRIVATE WORKS

- Completed approx 500+ private buildings and also approved from BDA,BBSR. Completed 20+ commercial & High rise buildings all over odisha.

PREPARATION OF DETAIL PRPOJECT REPORT

APS Providing DPR works ,Topographic Survey, Traffic Survey, Hydrological Survey, Geometric Design Standards, Alignment Design, Pavement Design, Design of Cross Drainage ,Protective Works & Drainage, Traffic Management, specification, Analysis of Rates, Cost Estimate, Road Map, District Map, Block Maps showing all existing connectivity like District/ block HQ, new townships, National and State highway network, hospitals, colleges, schools etc. Plan showing land and alignment details.

WATER AND SANITATION

(Including desalination, water treatment and purification, storage and distribution.)

Water treatment designing services offered is backed by our rich expertise in this field that adds reliability to our water treatment plant design solutions. the service includes, Field Surveys, Hydraulic Design , Engineering Designs , Drawings and Estimations, water treatment plant Design & Design of ESR ,UGR.

LIST OF EQUIPMENTS

SURVEY EQUIPMENTS :

SL NO	Item Description	Qty.
1	Total Station (TOPCON/SOKIA)	2 Nos.
2	DGPS(TRIMBLE)	1 Nos.
3	Hand GPS	2 Nos.
4	Auto Level	1 Nos.
5	Lazor Measurement Device	2 Nos
6	Rebound Hammer	2 Nos
7	Upv Testing	1 Nos
VARIOUS NDP TEST EQUIPMENTS		

TECHNICAL KEY PERSONNELS

SL NO	NAME	DESIGNATION
1	Er. Pabitra Kumar Puhan, M.Tech, PHD	Director Structural Design Engineer
2	Er. Swagat Samantaray, M.Tech	Ceo & Structural Engineer
3	Er. Animesh Gharami (B.Tech, Civil)	Exucutive Manager (Projects)
4	Er. Debasmita Mahalik (B.Tech, Civil)	Planner And Estimator
5	Er. Sakti Swarup Pati (B.Tech, Electrical)	Electrical Engineer
6	Er. Asish Kumar Ray (B.Tech, Civil)	Assistant Civil Engineer
7	Er. Sagar Patel (B.Tech, electrical)	Digital Infrastructure
8	Ar. Ankita Sanabada (Architect)	Architect
9	Er. Rahul Pandit (B.Tech, Civil)	Site Engineer
10	Er. Raja Rajeswar Sahoo (M.Tech, structure)	Deputy Manager (Structure)
11	D. Dhaneswari Rao (B-Arch)	Sr . Architect
12	Er. Sutakirti	Civil engineer
13	Ar. Pranaya Lenka	Jr. Architect

14	Er. Adita Sahu	Water resource engineer
15	Er. Prativa Manjari Pradhan	Structural Engineer
16	Er. Balakrushna	Structural Engineer
17	Er. Ankita Priyadarshini Behera	Software developer
18	Er Abhisek Yadav	Structural Engineer
19	Er Punam Behera	Structural Engineer
20	Premjeet Shah	Business co-ordinator

SOME OF OUR CLIENTS

SL NO	NAME OF OUR CLIENT	SECTOR
1	HOUSING & URBAN DEVELOPMENT DEPARTMENT	Govt.
2	ODISHA COMMUNITY TANK DEVELOPMENT &	Govt.
3	PUBLIC WORK DEPT.	Govt.
4	RURAL DEVELOPMENT DEPT.	Govt.
5	AB ENGINEERING, BHUBANESWAR	Private
6	NEW LIKE BUILDING SYSTEMS, BHUBANESWAR	Private
7	NR CONSULTANTANCY,BALASORE	Private
8	ALFA CONSULTANCY	Private
9	NIRMAL ARCHITECTS, BHUBANESWAR	Private
10	SRK CONSULTANT	Private
11	WATER RESOURCE DEPT.	Govt
12	TATA GROUP	PSU
13	INDIAN OIL	PSU
14	OBCC	Govt
15	NTPC	PSU
16	SAIL (ROURKELA)	PSU
17	NHAI	Govt
18	OMC	Govt
19	SJ DEVELOPERS	Private
20	JABAHAR NAVODAYA VIDYALAYA SAMITI	GOVT
21	STALWART PROJECTS PVT. LTD	Private
22	KUSMANDA INFRA PROJECTS PVT.LTD	Private
23	EVOS	Private
24	MYTHRI INFRASTRUCTURE AND MINING PVT.LTD	Private
25	SBT INDUS VALLY	Private
26	ADITYA BIRLA GROUP	Private
27	SM INFRASTRUCTURE	Private
28	ODDAKA INFRATECH PVT. LTD	Private
29	BALAJI AMRUT BUILDERS AND PROMOTERS PVT. LTD	Private
30	PGCIL(POWERGRID CORPORATION)	Govt
31	WATCO	Govt
32	NAWAA BUILDERS	Private
33	AADIV DEVELOPERS PVT LTD	Private
34	VASTUKAR	Private
35	MYTHRI INFRASTRUCTURE AND MINING	Private
36	SPACE CUBE	Private

LIST OF SOFTWARE WE USE

SL NO	SOFTWARE NAME
1	AUTOCAD
2	STAAD PRO.
3	ETABS 2016
4	SAP 2000
5	SAFE 2016
6	SKETCHUP
7	3DS MAX
8	REVIT
9	WATER CAD
10	LUMION
11	TEKLA STRUCTURE
12	PROTA STRUCTURE
13	IDEA STATIKA
14	RAM CONNECTION DESIGN

THANK YOU...



APS DESIGN INFRA PVT. LTD

WHO WE ARE?

We at APS DESIGN INFRA are committed to provide timely and quality services for maintaining trust and confidence of the client. We will continue to improve the internal work flow for better quality output and emphasize on a diligent monitoring mechanism from inception to delivery to achieve better quality output.

We have our presence in many States and Union Territories of India and proud to have left our little contribution in the infrastructure growth witnessed in India.

We will continue to provide the best of our services and will exceed the best as we feel our best is the next. In our aspiration to excel we will continue to gather experience with every delivery and improvise keeping abreast with the technical advancement. We will continue to provide best of our services to our client.

BUSINESS PARTNERS



WE PROVIDE SERVICES

- RESIDENTIAL AND COMMERCIAL BUILDING DESIGN
- STRUCTURAL DESIGN OF BUILDING STRUCTURE
- WATER RETAINING STRUCTURE DESIGN
- DESIGN OF STEEL STRUCTURE
- DESIGN OF COMPOSITE STRUCTURE
- DESIGN OF ROAD AND BRIDGE
- PREPARING DETAILED PROJECT REPORT(DPR)
- WATER TREATMENT PLANT DESIGN
- ESTIMATION AND BBS
- SUB SOIL EXPLORATION AND SOIL TESTING
- SURVEY AND GIS MAPING

WHY US ?

APSDIPL provides structural and design services to architectural firms, builders, contractors, private clients and government agencies in india. We offer professional services in structural engineering design, construction administration, destructive testing and instrumentation, evaluation and restoration of building facades, envelopes and waterproofing and feasibility studies and reports. Expert services include investigation load testing, evaluation of distressed structures and litigation support.

CONTACT US

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A P S D E S I G N I N F R A P V T L T D
DELIVERING EXCELLENCE IN LIVING

...

A P S D I P L

What could be more exciting than a long bridge, a tall building, a crane or even a big hole? Let's shout that our profession is creative, fun and inspirational. The rewards for recognising and celebrating our own key strengths await us.

C O N T A C T

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