



Horizon Infradesigns Pvt. Ltd.

Engineering Excellence | Innovative Designs | Turnkey Execution

Horizon InfraDesigns Pvt. Ltd. (HIDPL)

*Engineering Excellence | Innovative Designs |
Turnkey Execution*

About Us

Horizon InfraDesigns Pvt. Ltd. (HIDPL) is a premier structural engineering consultancy company headquartered in Jaipur, India. Founded and led by **Mr. Kapil Sarawgi**, a seasoned structural engineer with over 25 years of experience, HIDPL has become a trusted name in the construction and design industry across India.

With a proven track record of delivering over 50 million sq. ft. of built-up space, we specialize in structural engineering and architectural consultancy. Our projects span various sectors including industrial, commercial, healthcare, and institutional developments.

Our Services

1. RCC Structure Design

- Design and engineering of RCC frameworks for:
 - High-rise buildings, power plants, industrial infrastructure, and government projects.
- Strong focus on innovation and cost-efficiency using:
 - Latest design tools like **STAAD Pro**, **ETABS** and **Adapt(PT Design)**. Incorporation and an organization of standard RCC with large span PT designs.



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- **Highlights:**
 - Largest dome structure design and got it proof checked by IIT Roorkee.
 - Prestressed building design expertise.
 - Detailed structural audits, codal compliance, and peer reviews.

2. Steel Structure Design

- 27+ years of experience in steel structural design.
- Collaboration with architects for optimal and efficient layouts.
- Use of **BIM (Tekla)** and **advanced CAD** tools to manage complex geometries and reduce design errors.
- Timely delivery of industrial plants, commercial buildings, and special steel structures.

3. Pre-Engineered Buildings (PEB)

- Design and execution of scalable, cost-effective, and durable PEBs for industrial and commercial uses.

Our Process

1. **Client Consultation** – Requirement gathering and objective alignment.
2. **Site Assessment & Feasibility Study** – Survey, soil investigation, and environment analysis.
3. **Preliminary Design & Conceptualization** – Concept layouts, structural ideas, and feasibility review.
4. **Detailed Structural Design** – Comprehensive drawings, material specs, and analysis.



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5. **Approvals & Compliance** – Regulatory clearances and codal adherence.
-

Sectors We Serve

- Government & Institutional Bodies (PWD, CPWD, AAI, Health & Medical Departments)
 - Industrial Sectors (Reliance Industries, NBC Bearings, Ashadeep, Shubhashish Group)
 - Healthcare & Educational Institutions (Rajasthan Hospital, Poornima University, Marble City Hospital, SMCT Hospital)
 - Private Real Estate & Infrastructure Developers
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Technology & Tools

- STAAD Pro
 - ETABS
 - AutoCAD
 - Tekla BIM
 - Quality assurance labs and in-house design review systems
-

Our Mission – Building Stronger Foundations, Designing a Better Future

At Horizon InfraDesigns Pvt. Ltd., our mission is to:

- **Engineer excellence** in every design by combining cutting-edge technology, domain expertise, and creative thinking.
- **Deliver reliable, cost-effective, and sustainable** structural solutions that prioritize safety, performance, and client goals.



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- **Empower industries and communities** with designs that stand the test of time—balancing aesthetics, durability, and innovation.
- **Build enduring relationships** with our clients by consistently exceeding expectations through integrity, transparency, and commitment.

We don't just design structures—we help build legacies.

Our Vision

To become India's leading structural engineering consultancy, redefining design through innovation, technology, and sustainable practices.

Leadership

Mr. Kapil Sarawgi

Director, Structural Engineering Consultant

B.E. (Civil) | M.Tech Hons. (CAD Structures) MNIT Jaipur

With over 25 years of hands-on experience in structural engineering, Mr. Sarawgi is a respected expert in RCC and steel structure design. His leadership and technical acumen have guided HIDPL to achieve landmark projects across India.

Why Choose HIDPL?

- ✓ Over 50 million sq. ft. of delivered project space
- ✓ 25+ years of experience in structural design and consultancy
- ✓ Strong project portfolio across public and private sectors

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- ✓ Expert team of engineers, architects, and project managers
- ✓ Commitment to quality, innovation, and client satisfaction

Our Projects

VIVANTA JAIPUR



VIEW I

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VIEW II

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HOTEL DROP OFF

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TMV Royal Retreat Building

Kanapura Jaipur Rajasthan

(Structure Design)



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The Times Building (Jagatpura)



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Marble City Hospital(Kishangarh)

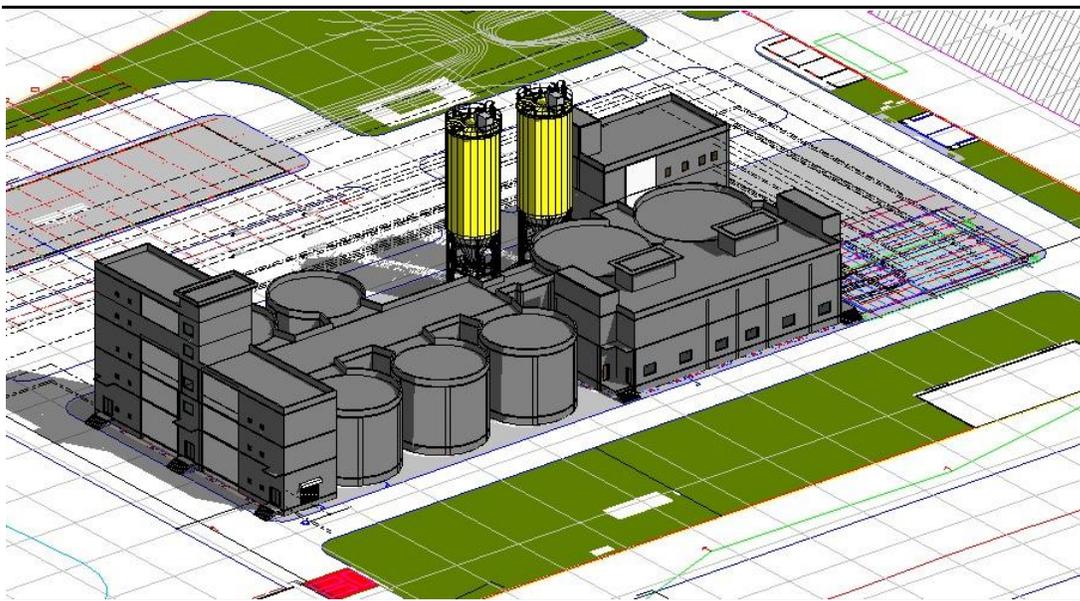
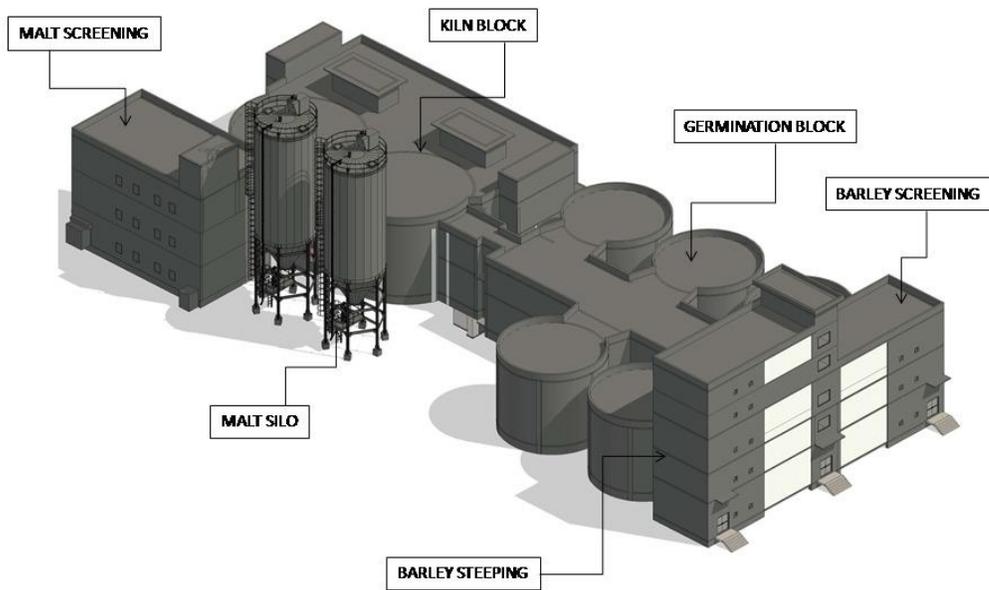


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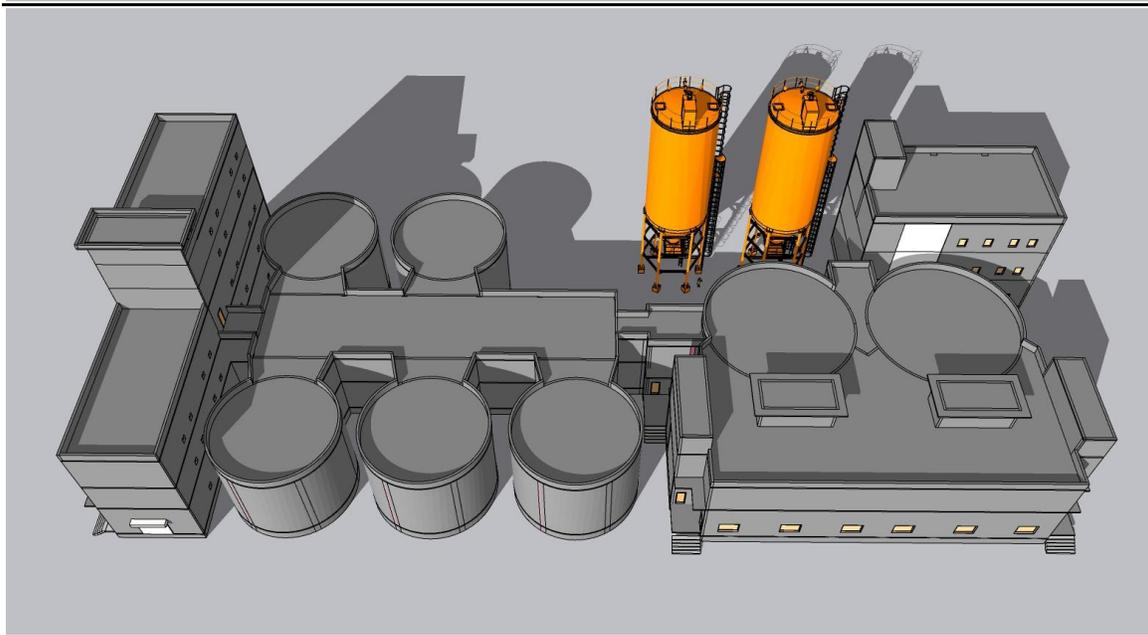
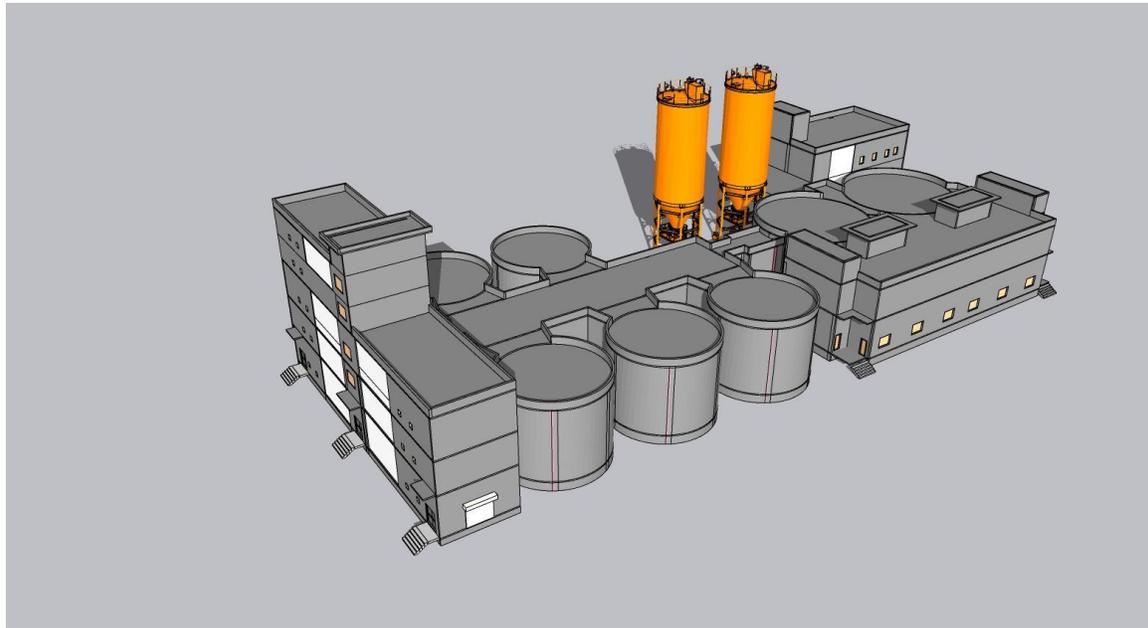
PADMAVATI AGRICO INDIA PRIVATE LIMITED(Barley Malt manufactures)



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Steel Shed Structure



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Shri Tulsi Sky City Project



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Hotel Vedanta Sara Jaipur

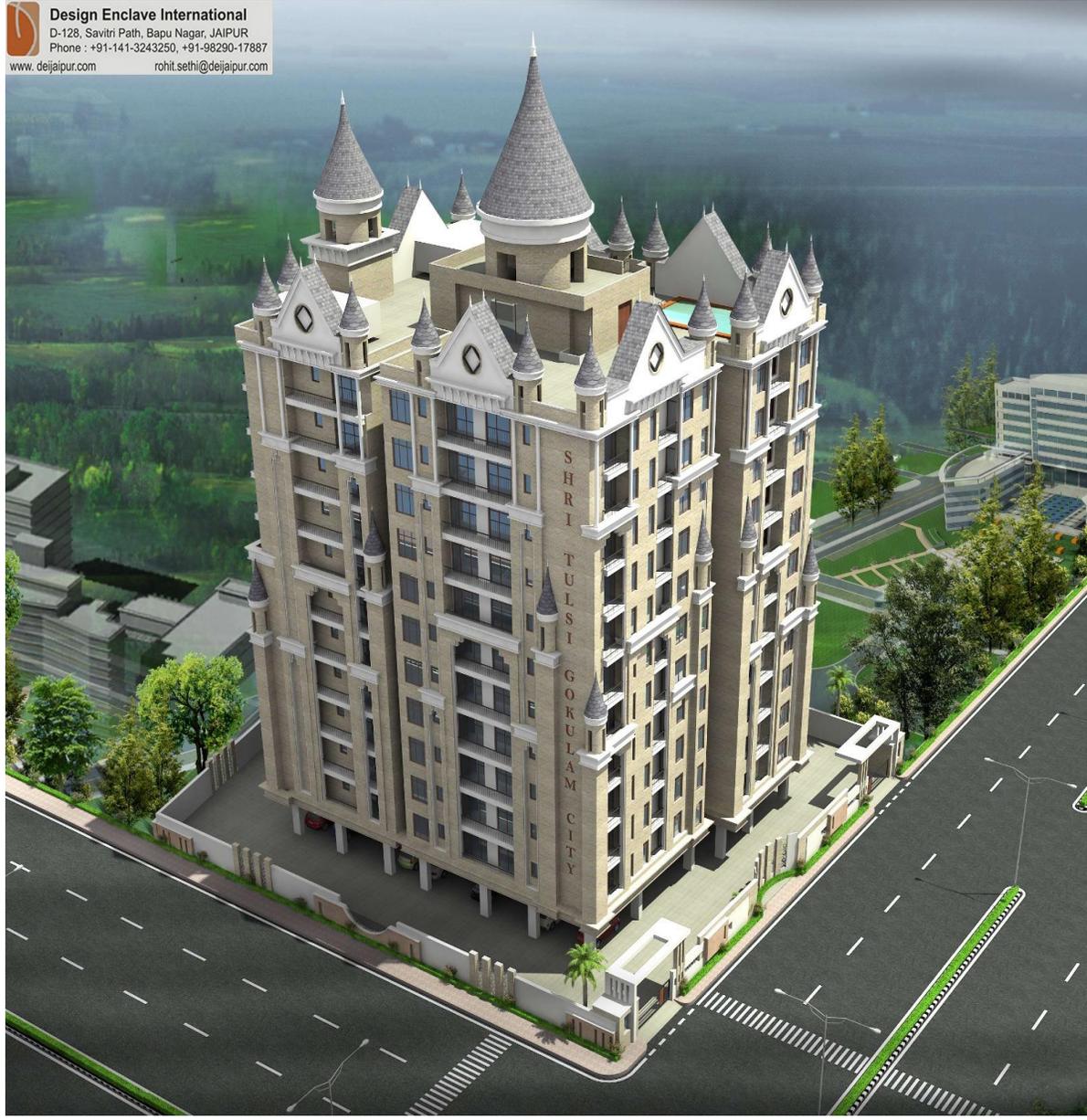


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Shri Tulsi Gokulam City



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Genus Power Infrastructures Ltd. (Kotputli)



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CENTURY INFRAPOWER PVT. LTD.



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OX LINK PRATAPPURA(JAIPUR)



KALADERA



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High Rise Building (Paliwal Project)



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Contact Us

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