

COMPANY PROFILE · 2026

Maati Studio

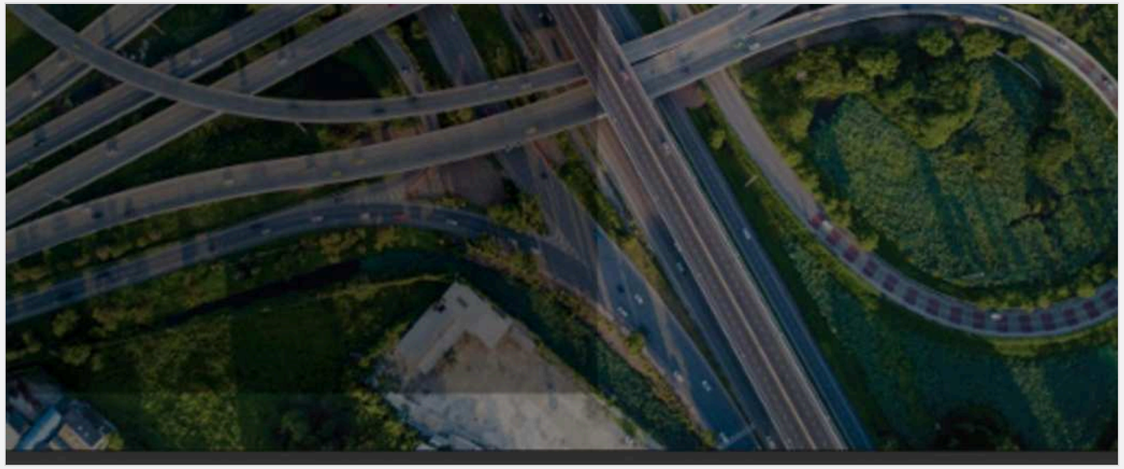
Infrastructure Architecture Engineering Design Programme Management

Chandigarh | Delhi | Jaipur

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VISION

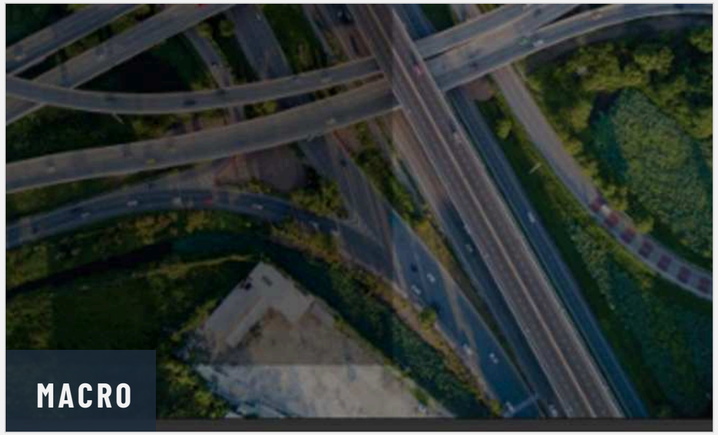
Ambassadors of transformative design

We enrich spaces by integrating cutting-edge technology with contemporary design concepts — creating astute, sustainable and immersive environments that redefine consumer experience and set new standards across transit, infrastructure, real estate and hospitality.

Founded in Chandigarh · Working across 11 states and 2 continents

APPROACH

One method, every scale



Context first

Every commission opens with strategic research — terrain, footfall, hydrology, load and approvals — so the design answers its environment instead of imposing on it.



Engineered whole

Architecture, structure, façade, MEP and external infrastructure are drawn as one system — which is why our DPRs survive scrutiny and our sites survive change.



Detailed by hand

The same discipline closes at human scale — joinery, light, material and finish resolved to the millimetre, in a station concourse or a private residence.

TRACK RECORD

By the numbers

₹63,850Cr

Project value handled — ₹54,000 Cr programme management plus ₹9,850 Cr of design and DPR commissions

219km

National highway detailed engineering design across six packages

54.79km

Urban ropeway network designed — fifty-seven ropeway stations designed across India

28.8lakh

Square feet of built-up area planned and detailed

---

10 sectors under one appointment structure

₹530 Cr of 220 kV and 66 kV power infrastructure

1,088 acres of industrial estate infrastructure

25,835 stadium and arena seats designed

CAPABILITY

What we do

01
Feasibility & DPR

Pre-feasibility, detailed project reports, financial assessment and land acquisition reporting.

02
Detailed Engineering

GFC packages, structural and geometric design, proof checking and pre-bid engineering.

03
Highways & Transportation

Six and four-lane highway geometry, drainage, viaducts, interchanges and toll plazas.

04
Ropeways & Aerial Transit

Alignments, L-sections, station architecture and system coordination end to end.

05
Power T&D

220 kV and 66 kV transmission lines, GIS substations, switchyards and distribution networks.

06
Water & Sanitation

Riverfronts, water management systems, CETP, STP and disposal pipelines.

07
Programme Management

PgMC, PMC and PMU roles with contract management, tender documentation and supervision.

08
Buildings & Campuses

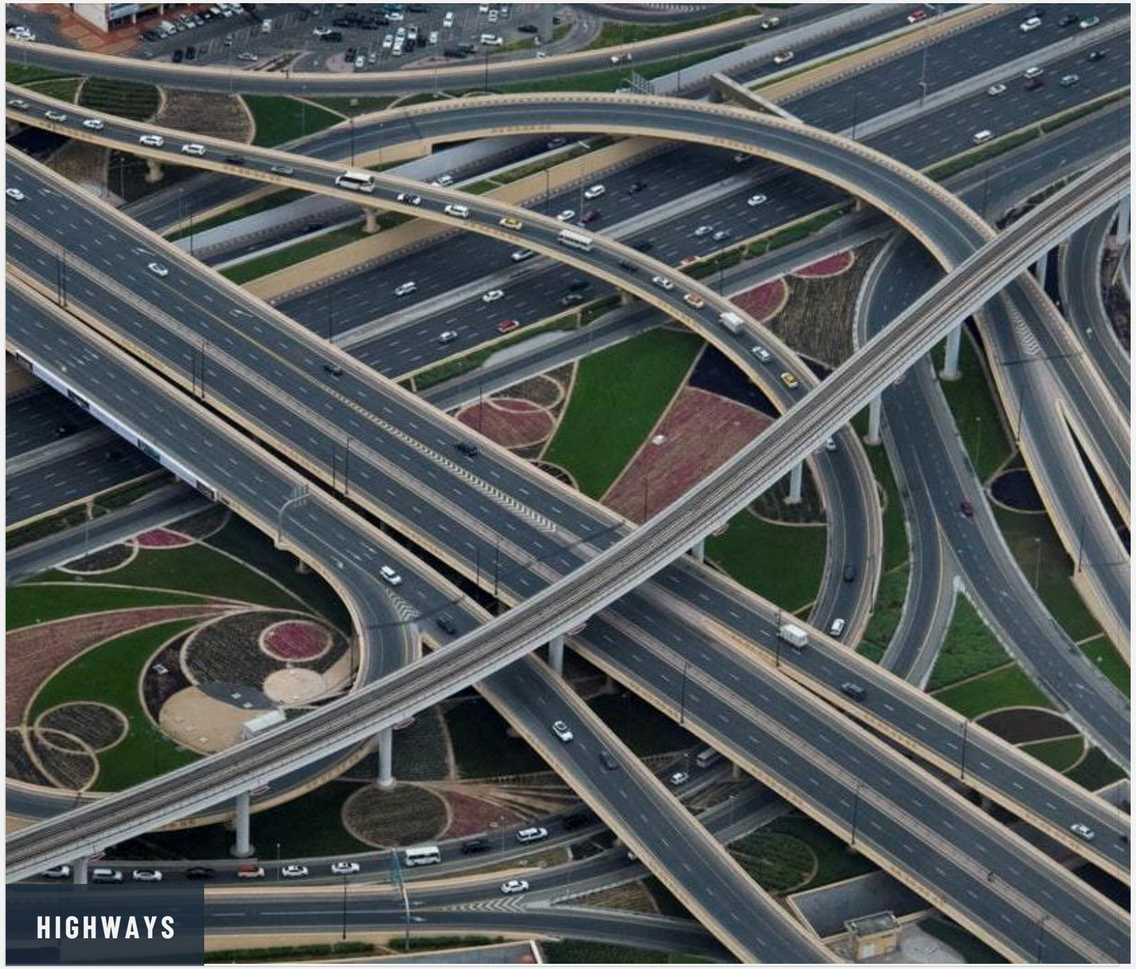
Malls, hostels, IT towers, colleges and corporate offices with integrated MEP.

09
Interiors & Experience

Luxury residential, hospitality and retail interiors, showrooms and experience centres.

PORTFOLIO AT A GLANCE

Where we work











TRUSTED BY

Clients & partners

CENTRAL AUTHORITIES

NHAI
NICDC
APCRDA
AKIC
VCIC
DDA, Delhi
North Western Railway
Swachh Bharat Mission

STATE & CIVIC BODIES

IDCO, Odisha
AIDC, Assam
JDA, Jodhpur
KNNL, Karnataka
UIT, Bhilwara
RTDC, Himachal Pradesh
IDA, Indore
Greater Chennai Corporation
Karnataka Dept. of Tourism

CONSULTING & ENGINEERING

Egis India
Surbana Jurong
WAPCOS
RITES

CONTRACTORS

HG Infra
Tracks & Towers
NKC Projects
KEC International
RIPL

MINING & DEFENCE

Hindustan Zinc
AVNL, Ambernath
Indian Army

REAL ESTATE & RETAIL

Galaxy Real Mart
Ultra Vibrant
T.S. Associate

MOBILITY BRANDS

Tata Motors
Ather Energy
Leccy & Genesis

ROPEWAY TECHNOLOGY

POMA, France
Outdoor Factory, Turkey
Serse Teleferik, Turkey

02

Transportation & Highways

Detailed engineering design for six and four-lane national highways
Geometry, drainage, hydraulics and structures — viaducts to toll plazas
Proof checking and pre-bid engineering for contractors
Project support and safety audit for railway and state highway works



ODISHA & ANDHRA PRADESH

6-Lane NH-130CD, Raipur–Visakhapatnam Economic Corridor

Detailed engineering design for packages 01, 05 and 06 — highway geometry, drainage, hydraulics and structures including interchanges, viaducts, major and minor bridges, underpasses, culverts, toll plazas, road safety, signage and noise barriers.

₹3,738 Cr
PROJECT COST

121 km
ACROSS 3 PACKAGES

50
MAJOR STRUCTURES

DETAILED ENGINEERING DESIGN

Highway packages

PACKAGE	CORRIDOR	LENGTH	STRUCTURES	COST
Kaligura–Baunsagaur, OD-5	6-Lane NH-130CD, Odisha	44.00 km	3 interchanges, 13 viaducts	₹3,738 Cr
Baunsagaur–Baraja, OD-6	6-Lane NH-130CD, Odisha	45.50 km	3 interchanges, 5 viaducts	—
Aluru–Jakkuva, AP-1	6-Lane NH-130CD, Andhra Pradesh	31.76 km	1 interchange, 12 viaducts	—
Thallampadu–Somavaram, KD-1	4-Lane NH-365BG, Telangana	33.60 km	1 ROB, 9 minor bridges	₹1,454 Cr
Somavaram–Chintagudem, KD-2	4-Lane NH-365BG, Telangana	29.53 km	3 interchanges, 3 major bridges	—
Package 08, Chatra Bypass	6-Lane Varanasi–Ranchi–Kolkata, Jharkhand	35.10 km	Viaducts, flyovers, toll plaza	₹1,278 Cr

Access-controlled greenfield alignments designed for value engineering — slope stability, cut-and-fill protection and toll plaza siting resolved inside the detailed design stage.

FURTHER COMMISSIONS

Across the network

HIGHWAY SECTIONS

- Puttur to AP/TN border and Tirupati bypass — 6/4 lane
- Varanasi–Kolkata, packages 08, 10 and 13 — 6-lane expressway
- Khammam–Devarapalle, packages 01 and 02 — 4-lane
- NH-84, Buxar, Bihar — section design
- Ingoria–Unhel Road, Madhya Pradesh

ADVISORY & ASSURANCE

- PSSA for Jaipur–Sawaimadhopur, North Western Railway
- Proof checking of detailed design
- Pre-bid engineering services for several contractors



03

Urban & Smart Cities

Programme management for a greenfield state capital
Smart city and sanitation mission project management
Masterplanning for land pooling and industrial campuses
Monitoring frameworks, risk management and ICT-driven contract management

ANDHRA PRADESH

Programme Management Consultant, APCRDA



Technical and programme management support for the Amaravati capital region — project oversight, compliance with World Bank and ADB guidelines, monitoring frameworks, risk management, ICT-driven contract management, civil contracts, labour management and asset integration.

₹54,000 Cr

PROGRAMME VALUE

Capital city

SCALE OF MANDATE

AMBERNATH, MAHARASHTRA

Renovation of MTPF, Armoured Vehicles Nigam

DPR and architectural consultancy for the modernisation of a 44-acre Machine Tool Prototype Factory — administrative buildings, main factory, entry gate structures, PEB sheds, and external infrastructure covering water supply, storm drainage, sewerage, STP, roads and parking.

₹94 Cr

PROJECT COST

44

ACRE CAMPUS



PROGRAMME & PROJECT MANAGEMENT

Urban mandates

Jaipur Smart City

RAJASTHAN

Project management consultancy across the smart city programme's civil and services packages.

PMC

Swachh Bharat Mission

RAJASTHAN

Project management unit under the national sanitation mission, working with state and municipal bodies.

PMU

Land Pooling Zone

DDA, DELHI

Masterplan consultants for a land pooling zone — sector planning, infrastructure and phasing.

MASTERPLAN

Shimla Ropeway

HIMACHAL PRADESH

Architectural consultants to the urban ropeway programme — the practice's own transit specialism, inside a city mandate.

ARCHITECTURE

04

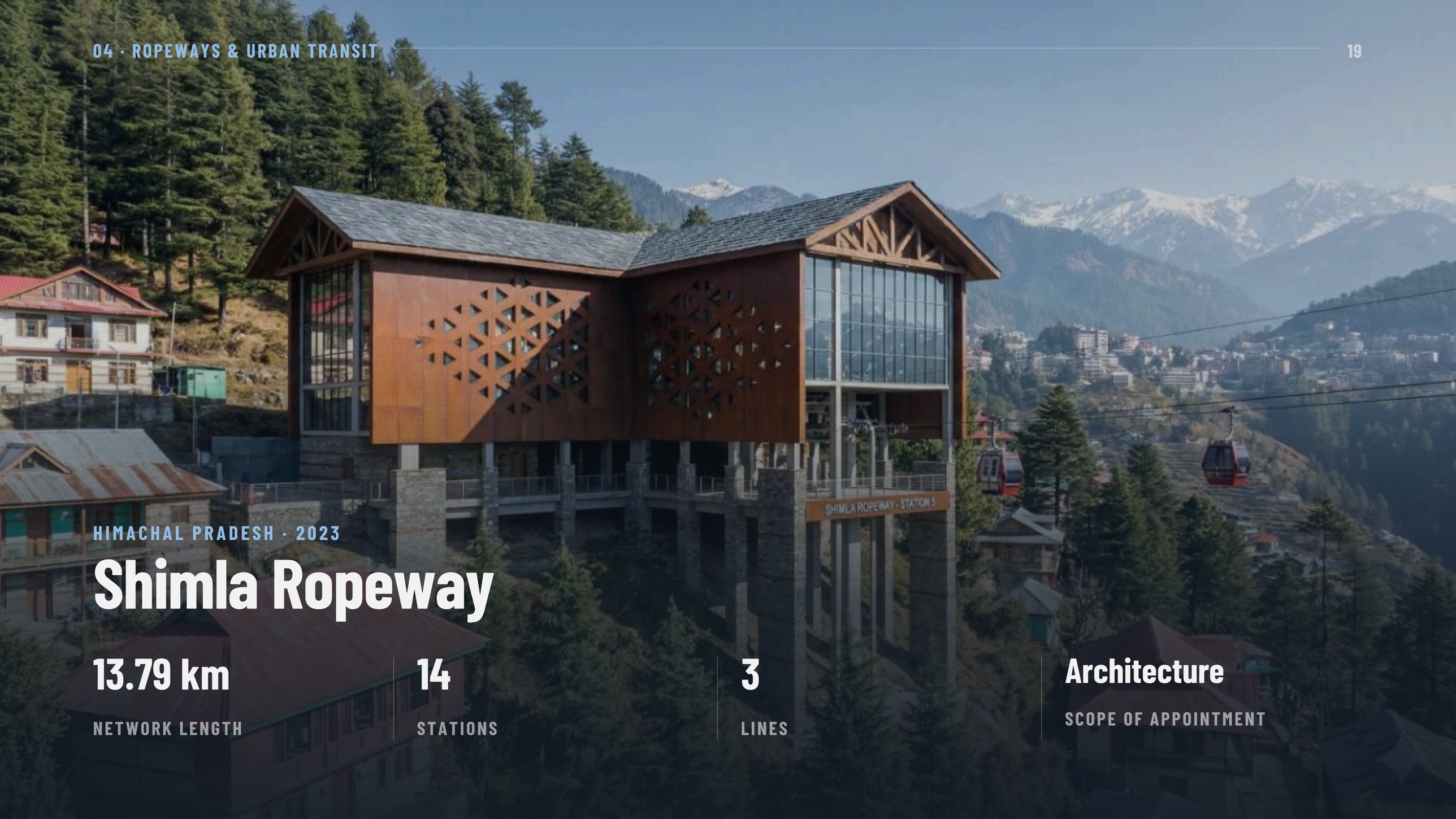
Ropeways & Urban Transit

Architecture for all 14 stations of the Shimla network

Detailed project reports across Himachal Pradesh

Pre-feasibility for temple and fort circuits

Alignments, L-sections and station planning in-house



HIMACHAL PRADESH · 2023

Shimla Ropeway

13.79 km	14	3	Architecture
NETWORK LENGTH	STATIONS	LINES	SCOPE OF APPOINTMENT

SHIMLA ROPEWAY · STATION DESIGN

A modular kit, fourteen contexts



STRUCTURAL FRAME



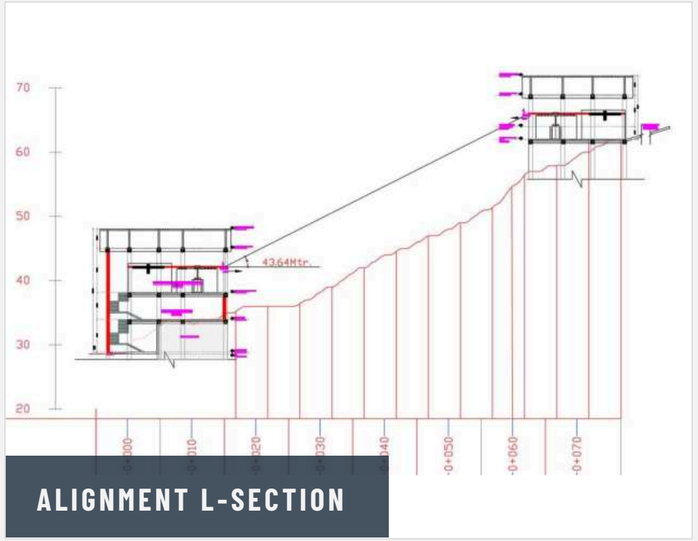
CLAD FAÇADE

Heavy transit engineering carried on a repeatable column grid, then wrapped in perforated screens and pitched roofs drawn from Himachali building tradition — so each station reads as part of the city it lands in.

COMMISSIONS

Transit portfolio

PROJECT	SCOPE	STATIONS	YEAR
Indore Urban Ropeway, MP	Pre-feasibility	12	2025
Kalpa Ropeway, HP	Detailed Project Report	3	2025
Tilling Ropeway, HP	Detailed Project Report	3	2025
Sangla Ropeway, HP	Detailed Project Report	3	2025
Trilokinath Ropeway, HP	Detailed Project Report	2	2025
Vedagireshwar Temple Ropeway	Pre-feasibility	2	2024
Ranganathan Temple Ropeway	Pre-feasibility	2	2024
Shillong Ropeway, Meghalaya	Design & animation	—	2024



ALIGNMENT L-SECTION

Alignments, tower positions and clearance profiles drawn in-house, then coordinated with the system supplier.

MADHYA PRADESH · 2025

Indore Urban Ropeway

A twelve-station aerial line threaded over live city traffic — studied for right of way, station footprint and interchange with existing transit.

12

STATIONS

Pre-feasibility

SCOPE

On the board

- Marina Beach, Chennai
- Mallalli Falls, Karnataka
- Devaragudda, Karnataka
- Sri Mylara Lingeshwar Temple
- Madhugiri Fort, Karnataka
- Ballari Fort, Karnataka
- Anjanadri Hills, Karnataka
- Yadgiri Fort, Karnataka



05

Power Transmission & Distribution

220 kV transmission lines and switchyards

220 kV and 66 kV GIS substations

Main receiving systems and 33/11 kV distribution substations

Control room design, tower structures and earthing systems

ELECTRICAL INFRASTRUCTURE

Power projects

220 kV Transmission Line & 220/11 kV Substation

RAMPURA AGUCHA MINES, RAJASTHAN

220 kV transmission line
220/11 kV substation and switchyard
Electrical engineering deliverables
Control room design
Equipment and tower structure design

₹200 Cr PROJECT COST

220 kV Main Receiving System & 33/11 kV Distribution

IMC GAYA, BIHAR

220 kV system and main receiving station
220/33 kV GIS substation
Power transformers, switchgear, protection and SCADA
33/11 kV distribution substations
Distribution network, end supply and cabling

₹180 Cr PROJECT COST

66 kV GIS Substation, Main Receiving & Distribution

IMC RAJPURA, PUNJAB

66 kV GIS substation, MR and DSS
Electrical substations for WTP, STP, CETP and EPS
HV and LV switchgear selection
LT power distribution, main LT panel and feeder pillars
Earthing system and external lighting

₹150 Cr PROJECT COST

06

Industrial Infrastructure

Road structures, potable and recycled water supply systems
Storm water drainage and residential sewerage systems
Industrial effluent collection networks, WTP, STP and CETP
Power supply systems, street lighting and utility relocation

ESTATES & CORRIDORS

Industrial projects

Jagatpur Industrial Estate

CUTTACK, ODISHA

Comprehensive upgradation of a 500-acre live estate — detailed design and GFC drawings for road networks (26.65 km), CETP, stormwater drainage (2.73 km) and water supply (17.7 km), with master planning, DPR preparation, financial assessment and contract management, plus power supply, street lighting, solid waste management and utility relocation.

₹290 Cr PROJECT COST

Integrated Manufacturing Cluster

GAYA, BIHAR · UNDER AKIC

Detailed design of road structures, potable and recycled water supply systems, storm water drainage, residential sewerage systems, industrial effluent collection network, WTP, STP, CETP and power supply systems.

₹290 Cr PROJECT COST

Rajpura–Patiala Industrial Node

PUNJAB · UNDER AKIC

Detailed design of road structures, potable and recycled water supply, storm water drainage, residential sewerage, industrial effluent collection network, WTP, STP, CETP and power supply systems.

₹98 Cr PROJECT COST

Also serving as Project Management and Network Consultant for the Kopparthy Industrial Area, Kadapa district, Andhra Pradesh, under the Vizag–Chennai Industrial Corridor.

07

Water Resources & Sanitation

Riverfront development, DPR and tendering

Industrial water management and tailing recycling systems

CETP, STP and deep-sea disposal pipelines

Project support consultancy for state water resources programmes





JODHPUR, RAJASTHAN

32 km Jojari Riverfront Development

DPR and tender preparation with financial assessment, revenue modelling, environmental impact assessment and land acquisition reporting — plus river channelisation, sewerage network assessment, a 49 MLD STP, landscaping and recreational land development.

₹456 Cr	32 km	10
PROJECT COST	RIVERFRONT	MAJOR DRAINS

SYSTEMS & SANITATION

Water portfolio

Water Management for 10 MTPA Tailing Recycling

RAMPURA AGUCHA MINES, RAJASTHAN

1,000,000 m^3 main reservoir
11,500 m^3 intermediate sump
7,500 m^3 dry tailing plant common reservoir
Incoming and outgoing pipelines to battery limits
Pipe rack, support and mechanical systems

₹80 Cr PROJECT COST

Integrated & Sustainable Water Resources Programme

KARNATAKA · KNNL

Project Support Consultant for capacity building, sustainable agriculture and water conservation — safeguard monitoring through IEC activities, optimising irrigation management towards a more efficient state water system.

₹80 Cr PROJECT COST

Sanitation & Supply

ODISHA

10 MLD CETP at Paradeep — detailed design
30 MLD deep-sea disposal pipeline — detailed design
External water supply, Kalinga Industrial Estate

DETAILED DESIGN

08

Buildings & Institutional

IT towers, college campuses and corporate head offices

Retail malls, banquet halls and workers' housing

DPR, GFC drawings, financial assessment and tender documentation

Roads, sewerage, water supply and STPs as external infrastructure

KHURDA, ODISHA

IT Tower, Chandaka



Fifteen floors over seven stilt levels and three basements — DPR, financial assessment, contract management and tender documentation, with general architectural design, façade, landscaping and MEP services covering HVAC, fire safety, electrical and plumbing.

₹446 Cr
PROJECT COST

10.78 L
SQ FT BUILT-UP

G+15
OVER 7 STILTS

CUTTACK, ODISHA

New IMIT College Campus

Contract management, DPR and GFC drawings across 2.74 lakh square feet — architecture, landscaping, external façade and infrastructure planning, MEP including HVAC, fire safety, electrical and plumbing, plus external roads, sewerage, water supply and an STP.



₹110 Cr

PROJECT COST

2.74 L

SQ FT BUILT-UP

Public buildings

Unity Mall, Ganda-Munda

BHUBANESWAR, ODISHA

DPR and contract management for a 2.49 lakh sq ft mall over basement, ground and two floors — planning, designing, architectural design, HVAC, landscaping, MEP design, fire safety and plumbing, with financial assessment and tender documentation.

₹139 Cr PROJECT COST

Residential Building Development

KHURDA, ODISHA

Design and planning of 7.60 lakh sq ft across seven residential blocks of ground plus six floors — housing 7,000 women workers. Architectural planning and design, landscape, integrated MEP covering HVAC, fire safety and plumbing, with financial assessment and tender preparation.

₹329 Cr PROJECT COST

Banquet & Convention Centre

GALAXY ENCLAVE, JAIPUR

PMC and design for North India's largest banquet hall at 45,000 sq ft — master planning, financial assessment, architecture, interiors and MEP, with peripheral development including roads, sewerage and rainwater harvesting.

₹35 Cr PROJECT COST

CORPORATE

Commercial towers



AIDC Tower, Guwahati

15,000 sq m over ground plus five floors. Architectural design, façade, landscaping and integrated MEP, with peripheral and external infrastructure — internal roads, sewerage, water supply networks and a dedicated STP.

₹80 CRORES



Ultra Vibrant Head Office, Jaipur

19,000 sq ft over basement, ground and five floors at Malviya Nagar Industrial Area. Architectural planning, façade, interiors and MEP with coordination, approvals, 3D visualisation and site monitoring.

₹8 CRORES

09

Sports Architecture

Spectator geometry, sightlines and federation-standard grounds
Olympic-standard aquatic centres and indoor multipurpose halls
Player, media and hospitality facilities
Floodlighting, services, parking and site infrastructure



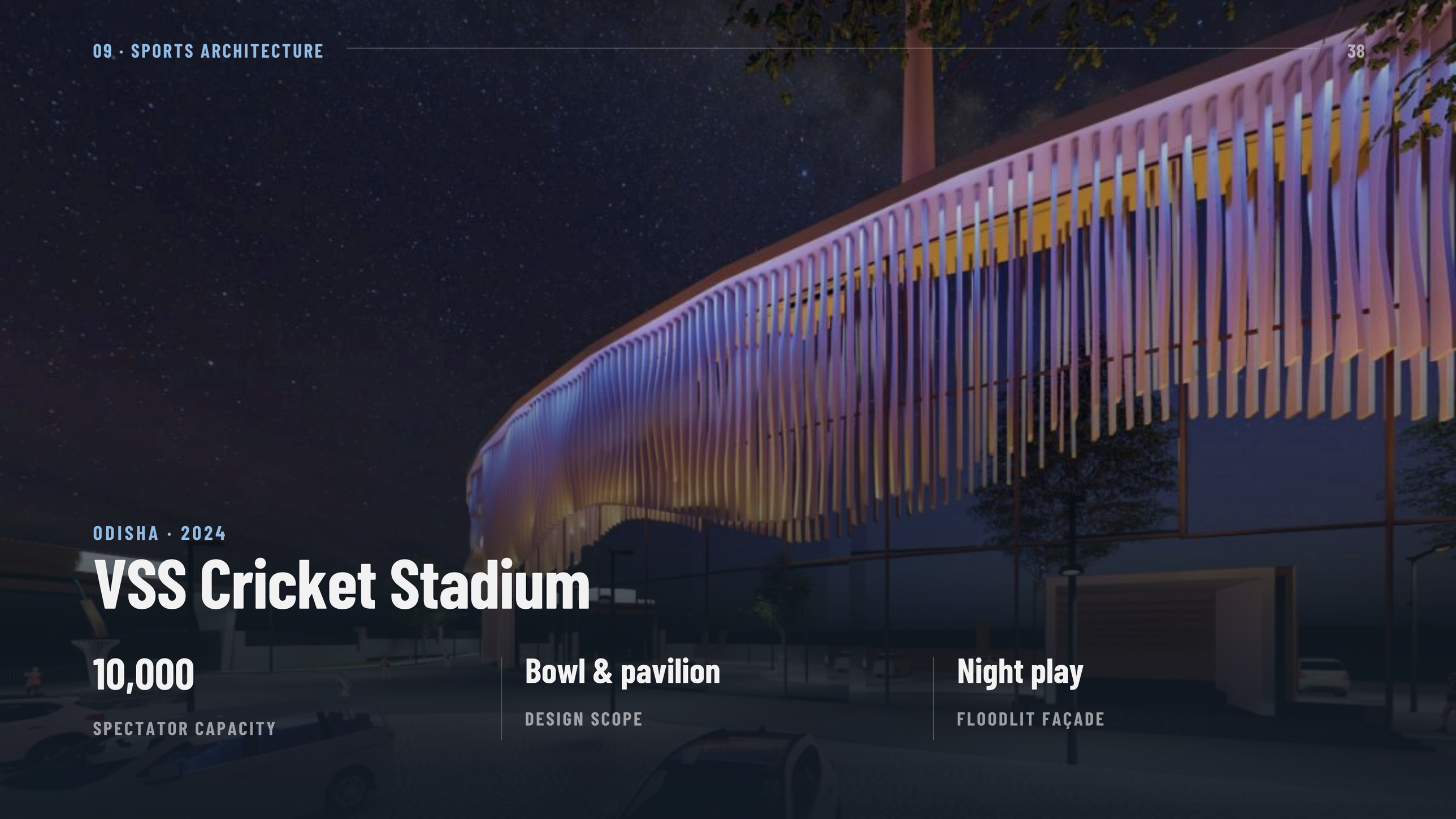
ODISHA · 2024

Sambalpur Football Stadium

15,000
SPECTATOR CAPACITY

Federation
GROUND STANDARD

Full design
SCOPE OF APPOINTMENT



ODISHA · 2024

VSS Cricket Stadium

10,000
SPECTATOR CAPACITY

Bowl & pavilion
DESIGN SCOPE

Night play
FLOODLIT FAÇADE

BHILWARA, RAJASTHAN

Multi-Purpose Sports Complex

Master plan, DPR, architectural drawings, services drawings, 3D views and detailed walkthrough for 61.11 hectares — volleyball, tennis and basketball courts, a 1,300-seat football stadium, swimming pool, badminton and judo halls, gymnasium, open-air amphitheatre and cafeteria, with internal roads, parking, solar power, drainage, sewerage and rainwater harvesting.



₹37 Cr
PROJECT COST

61.11
HECTARES

1,300
STADIUM SEATS

ODISHA SPORTS PROGRAMME

Grounds & aquatic centres

Swimming Pool Complexes

SEVEN LOCATIONS, ODISHA

Programme Management Consultant for Olympic-standard 25 m and 50 m pools across seven locations — comprehensive planning, detailed design and GFC drawings covering pool structures, balancing tanks, filtration systems, pump rooms and utility buildings, with integrated civil, electrical, mechanical and plumbing coordination.

₹120 Cr PROJECT COST

Football Training Centre

CUTTACK, ODISHA

Planning, detailed design and DPR for 6.4 acres of sports infrastructure — a facility centre building, synthetic football practice ground, training swimming pool, utility building and outdoor basketball courts, with integrated HVAC, fire fighting, alarm, electrical, plumbing, IBMS, lifts and access control.

₹49 Cr PROJECT COST

District Level Stadium

KEONJHAR, ODISHA

Master plan, DPR, drawings, 3D views and walkthrough across 5.47 acres — an indoor multipurpose hall for badminton, gymnasium, table tennis and yoga, a football facility centre with 835 spectator seats, outdoor kabaddi courts and a full-size natural grass football field.

₹16 Cr PROJECT COST

10

Residential & Interiors

120-villa enclaves to single private residences
Hospitality interiors in India, Austria and the USA
Retail and experience centres
Turnkey detailing, procurement and site supervision

JAIPUR, RAJASTHAN

Galaxy Enclave



Detail design engineering and construction supervision of 120 duplex villas across 3 lakh square feet — civil works, architecture, landscaping, façade and interiors with MEP covering HVAC, electrical and plumbing, plus financial assessment and contract management.

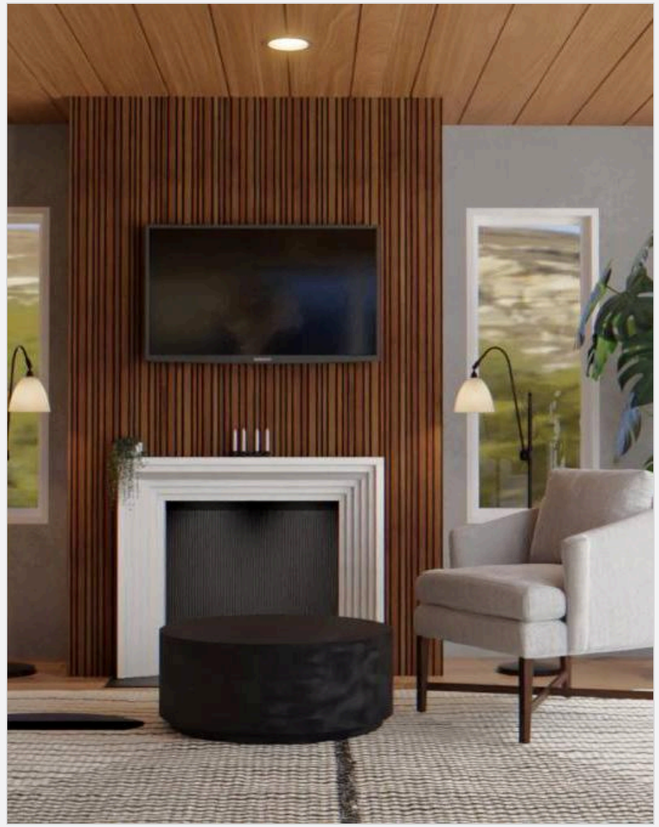
₹100 Cr	120	3 L
PROJECT COST	DUPLEX VILLAS	SQ FT BUILT-UP

LOS ANGELES, USA · 2024

Palm Springs Residence







Full interior design and detailing: concrete, white oak and wool held to a narrow palette so the valley stays the loudest thing in the room.

PRIVATE RESIDENCES

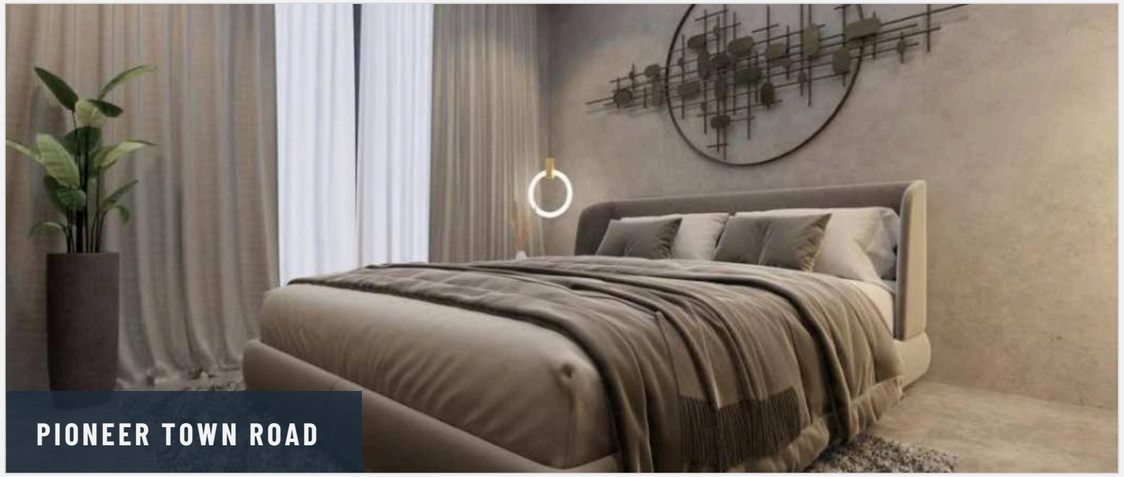
Detail at human scale



PIONEER TOWN ROAD



PALM SPRINGS



PIONEER TOWN ROAD



THE KUNDAN'S RESIDENCE

AUSTRIA · 2025

Haubers

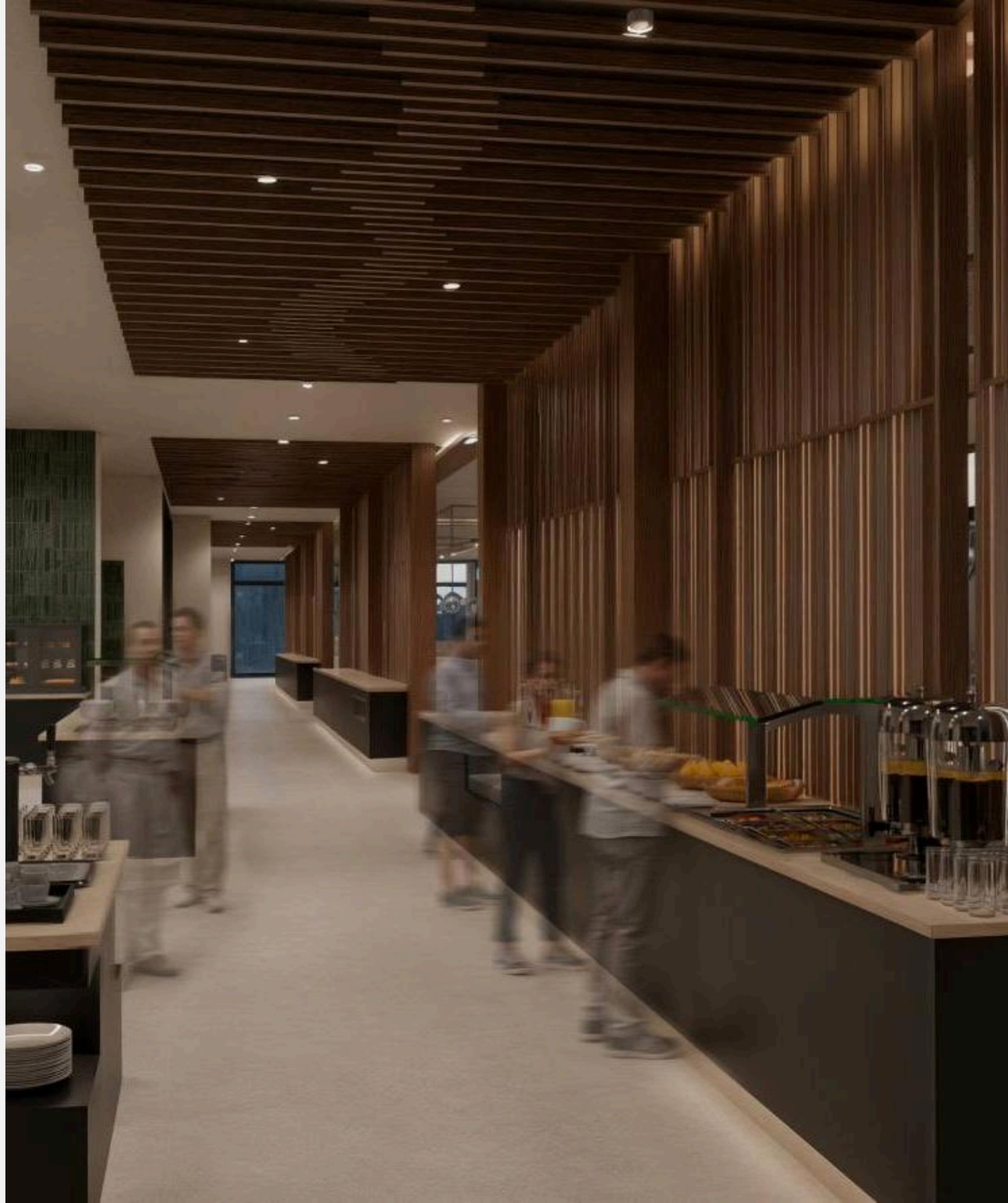
A hospitality interior lined end to end in timber — dark, warm and detailed for low winter light, with lighting and joinery drawn together.

Hospitality

TYPOLOGY

2025

YEAR



HOSPITALITY & RETAIL

Rooms that sell something



HIMALAYAN RESORT, LADAKH



ATHER SHOWROOM

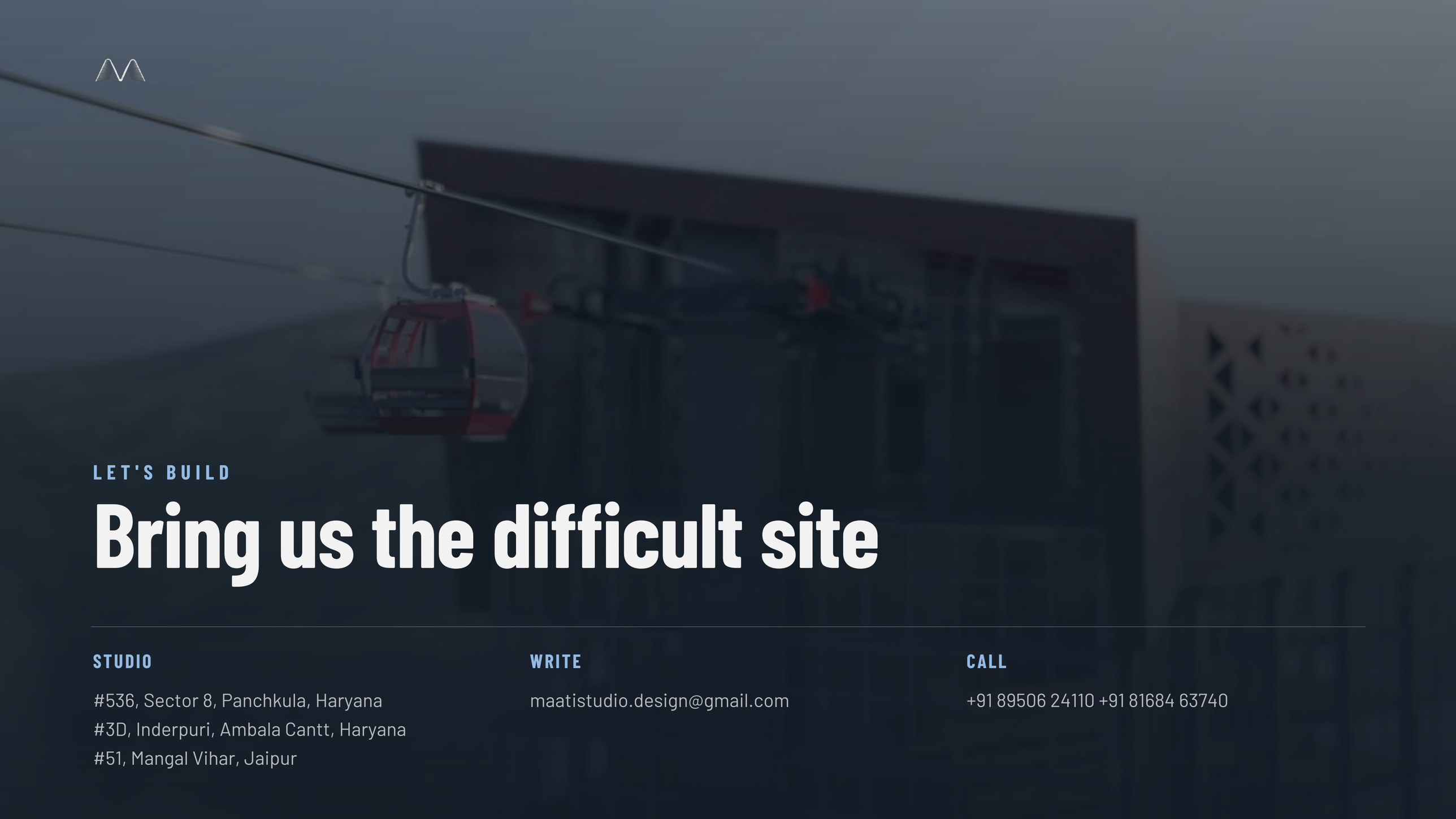
Local stone and timber for a high-altitude resort; a stripped, daylit floor plate for an electric-mobility brand — both drawn from the same brief: make the space do the selling.

RECORD

Interiors index

PROJECT	LOCATION	TYPOLOGY	YEAR
Haubers	Austria	Hospitality	2025
Palm Springs Residence	Los Angeles, USA	Private residence	2024
Pioneer Town Road	California, USA	Private residence	2024
Himalayan Resort	Ladakh, India	Hospitality	2023
The Kundan's Residence	India	Private residence	2022
Ather Showroom	India	Retail experience	2022

Interiors are taken turnkey where clients want it — detailing, procurement, joinery supervision and handover.



LET'S BUILD

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STUDIO

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#3D, Inderpuri, Ambala Cantt, Haryana
#51, Mangal Vihar, Jaipur

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