

# LIGHT HOUSE PROJECT RAJKOT, GUJARAT



No of Houses :	1,144 Nos.
Technology :	Monolithic Concrete Construction using Tunnel Formwork
Origin :	France
No of Towers :	11
No of Floors :	S+13
Project Cost :	₹ 118.90 Cr.
Built up area :	62,369 sqm
Social Infra :	Anganwadi, Community Centre, Health Centre & Shops
Special features :	Four star "GRIHA" rated green building, Spacious and well-ventilated two room set. Fast Track construction with better quality, durability and thermal performance. Use of GGBS in concrete saved embodied energy (25%). Solar Light of 36KW, Waste- water recycling capacity of about 2.30 lakh litre per day.

## Construction Process

1

Customised Tunnel Formwork (mould) of steel manufactured in the factory



2

Placement of Tunnel Formwork in already erected reinforcement cage for walls at site



3

Placement of slab reinforcement & Concreting of walls & slabs together in one go along with services (electricity, plumbing)



4

Infill walls constructed using Autoclaved Aerated Concrete (AAC) Block followed by plastering



LHP Rajkot has been completed in 15 months time<sup>1</sup>.

Hon'ble Prime Minister inaugurated the Light House Project Rajkot, Gujarat on 19<sup>th</sup> October 2022.



Location: Raiya Smart City Area, TPS No-32, FP63/10, Rajkot, Gujarat



Scan to know more

<sup>1</sup> Excluding 3 months of COVID-19 restrictions