



**RebarCAD**  
World Class Rebar Software

# CASE STUDY

## SIDDHA WATERFRONT PROJECT



**SIDDHA**

### THE PROJECT

The Siddha Waterfront Project is a large scale residential development on Old Calcutta Road, Khardah, 20 kilometres from the centre of Kolkata and close to both the Khardaha and Barrackpore rail stations. The completed development will consist of 18 G+14 storey residential buildings, that will contain over 1,500 flats.

Alongside the development of residential flats, a noteworthy feature of the project is its proximity to a natural body of water, alongside large areas of landscaped green space and an on-site health and leisure club.

The structure of the development has been built with an earthquake resistant RCC frame and has been registered as a 'Green Home Project'. The development has been specifically planned and designed according to the Indian Green Building Council's silver rating system. The development will consist of a number of environmentally conscious features, including the use of recycled materials and a rainwater harvesting system.

### ABOUT SIDDHA GROUP

Founded in 1986, Siddha Group has a long history of developing and marketing high class real estate, commercial and retail projects. With offices in Kolkata, Jaipur and Bengaluru, the Group are renowned developers with multiple projects across much of India. Throughout their long history, Siddha Group has built over 24 lakh square feet, with their portfolio reaching more than 3,500 million Rupee.

### BENEFITS OF USING REBARCAD ON THIS PROJECT

Siddha Group took advantage of the RebarCAD software to detail the Siddha Waterfront Project, utilising the ease of use and accuracy that the software offers for large scale and multi-faceted projects, such as the Siddha Waterfront.

For Siddha Group, RebarCAD has allowed for the completion of bar bending scheduling efficiently and precisely, helping the project run to schedule. Bar bending schedules are easily converted into excel format, ensuring that accurate information can be communicated across

#### REBARCAD CUSTOMER:

Siddha Group

#### LOCATION:

Khardah, Kolkata

#### SIZE:

18 G +14 storey buildings

#### STRUCTURE SPECIFICATIONS:

Earthquake resistant RCC frame

#### PROJECT DURATION:

4 years (ongoing)

#### ARCHITECTS:

Agrawal & Agrawal



**AUTODESK**  
Authorised Developer

**Microsoft Partner**  
Gold Application Development



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workers both off and on-site. BBS is continuously updated automatically, therefore virtually eliminating errors and significantly reducing the time spent checking.

The software's ability to automate BBS has reduced waste from off-cuts, and maintained the Siddha Waterfront project's status as a 'Green Home Project', in addition to saving considerable time and cost.

#### ABOUT REBARCAD

RebarCAD is the world number one detailing software, used across a range of projects from building to transportation, water to power. Each year over 100 million man hours of reinforcement detailing is carried out using RebarCAD. CADS is a leading software developer, with over 40 years of expertise in providing software solutions for civil and structural engineering and detailing. With over 6,000 customers across the world, CADS has achieved the enviable reputation as an industry leader.

*"Using RebarCAD has allowed our project to run more efficiently as we are able to complete bar bending scheduling (BBS) in significantly less time; in addition to this, the completed BBS can be converted into excel format for ease of use."*

**Rafikul Islam - Junior Engineer,  
Project Coordination – Siddha Group**



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