



RebarCAD
World Class Rebar Software

CASE STUDY

Grand Chola Hotel, Chennai



THIS MAMMOTH 6 BILLION RUPEES PROJECT IS INDIA'S BIGGEST GREENFIELD HOTEL CURRENTLY UNDER CONSTRUCTION AND PROVIDES FOR 600 ROOMS. THE 12 STOREY STRUCTURE IS EXPECTED TO BE THE NEW ADDRESS FOR LUXURY IN THE BOOMING SOUTH INDIAN CITY OF CHENNAI.

95,000 cubic meters of concrete is being used in building a 1.6 million square meter facility. Besides, the complex will house 100 serviced apartments, a 'luxurious preview theatre', over 40,000 sq ft of retail space, and 55,000 sq ft of conference and exhibition facilities, which, according to Nakul Anand (Exec Director, ITC), will be the largest that any hotel in the country offers.

CONTRIBUTION OF REBARCAD SOFTWARE

RebarCAD has been used to detail a record number of drawings in a short span of time. The savings in steel due to accurate bar bending schedules and the ability to reduce scrap has made RebarCAD a huge value addition to the process. In the words of Planning Engineer, Senthil Ganesh – "The use of RebarCAD solution in a project of this magnitude, has helped us manage our reinforcement steel inventory and enjoy

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Senthil Ganesh
Planning Engineer

cost benefits on reduced scrap." Electronic input from RebarCAD helped the contractor to send easy fabrication information to the supplier.

ABOUT LARSEN & TOUBRO LIMITED (L&T):

Larsen & Toubro Limited (L&T) is India's largest engineering and construction conglomerate with additional interests in electrical, electronics and IT. A strong customer-focused approach and constant quest for top-class quality have enabled L&T to attain and sustain leadership position over 6 decades.

ABOUT CADS SOFTWARE INDIA PVT LTD:

RebarCAD software and its rebar engineering and information processing suite is the world's number one solution of its kind. Over 100 million man hours of reinforcement engineering is being carried out by RebarCAD around the world each year. In business for about 37 years, CADS is one of the world's leading developers specialising in solutions for the international construction industry. CADS has an installed worldwide user base of more than 5000 customers, who use in excess of 48,000 copies of CADS supplied programs in more than 70 countries.

REBARCAD CUSTOMER:

Larsen & Toubro Limited (L&T ECC)

CLIENT/OWNER:

ITC Ltd

LOCATION:

Chennai

REINFORCING STEEL USED:

12,000 MT

DURATION OF PROJECT:

24 Months

NUMBER OF DRAWINGS:

150

COMPLETION DATE:

September 2012

VALUE OF CIVIL WORKS:

₹600 Crore



AUTODESK
Authorised Developer



Microsoft Partner
Gold Application Development



GLOBAL CONSTRUCTION
SOFTWARE AND SERVICES

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