

BLOW*NDER

SPECIFICATIONS

1. FOUNDATION

RC foundation resting on cast - in - situ reinforced concrete bored piles complying with IS-2911

2. SUPERSTRUCTURE

Reinforced concrete framed structure using minimum M 30 grade concrete complying with IS-456 AND Fe steel reinforcement complying with IS-1786.

Diagonal steel bracing with steel virendeel grider has provided for supporting the cantilever slab projection and making the structure more stable to resist earthquake and wind forces.

3. FLOOR TO FLOOR HEIGHT

90 Meters

4. FACADE

- a) Unitized glazing system
- b) High visual light transmission glass with low solar heat gain property and U value which allows sufficient daylight and satisfy LLED building certification criteria.

5. FIRE

Strict fire protection system as per standard norms of local Fire Authority.

6. PHE AND WATER MANAGEMENT

Water supply, Sewage, waste water system designed for Zero water wastage. Sewage generated at the project will be treated in a STP. Total terrace rain water would be re-charged into the underground water strata. Any excess water would be collected in Storage Tanks and would be used suitably for irrigation. All materials selected as per latest Leed.

7. ELECTRICAL SYSTEM

Power will be distributed through bustrunking. Each office will have a dedicated supply and dwell metering system which will be managed by advance BMS system.

Cables, wires and conduits are FRLS type and all lighting fixtures will be low power consuming, and satisfying the LEED green building rating criteria.

8. WATER PROOFING

All terrace gardens will be water proofed with most advanced spray applied PU which has very high elongation and tensile strength and durability.

9. AIR CONDITIONING

VRV will be used to optimize the power consumption and increase the efficiency of the building.

Additionally fresh air will be supplied to each office to avoid sick building syndrome (SBD).

10. BMS

Very efficient Building Management System will be in place to ensure

Safety

Security

Utility

Car Park Management to the user and to monitor the performance and provide cost effectiveness to office owners.

11. GREEN BUILDING FEATURES

LEED Gold rating (as per IGBC standards) Sustainable Green Building measures adopted by

- Using materials with recycled content regional / local materials, certified wood, rapidly renewable materials, low emitting materials
- Energy efficiency measures like thermal and day lighting control by using efficient electrical fittings, high performance low E and low U value glass and high COP chillers
- Ozone depletion measures by using selective ACMV refrigerant
- Low flush water fixtures
- Water recycling from sewage treatment plant – for ACMV, landscape and toilet flushing
- Rainwater harvesting by deep recharge
- Solar power (35KW) at top terrace area by solar panel system

12. CAR PARKING

Separate car parking facility at MLCP and 2 basements

13. TRAFFIC MANAGEMENT

Intelligent traffic circulation plan

14. LANDSCAPE, SOFTSCAPE, WATERSCAPE

- Exquisite water feature at the external landscape areas at ground floor level
- Landscape garden at every open / covered terrace areas on upper floors



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