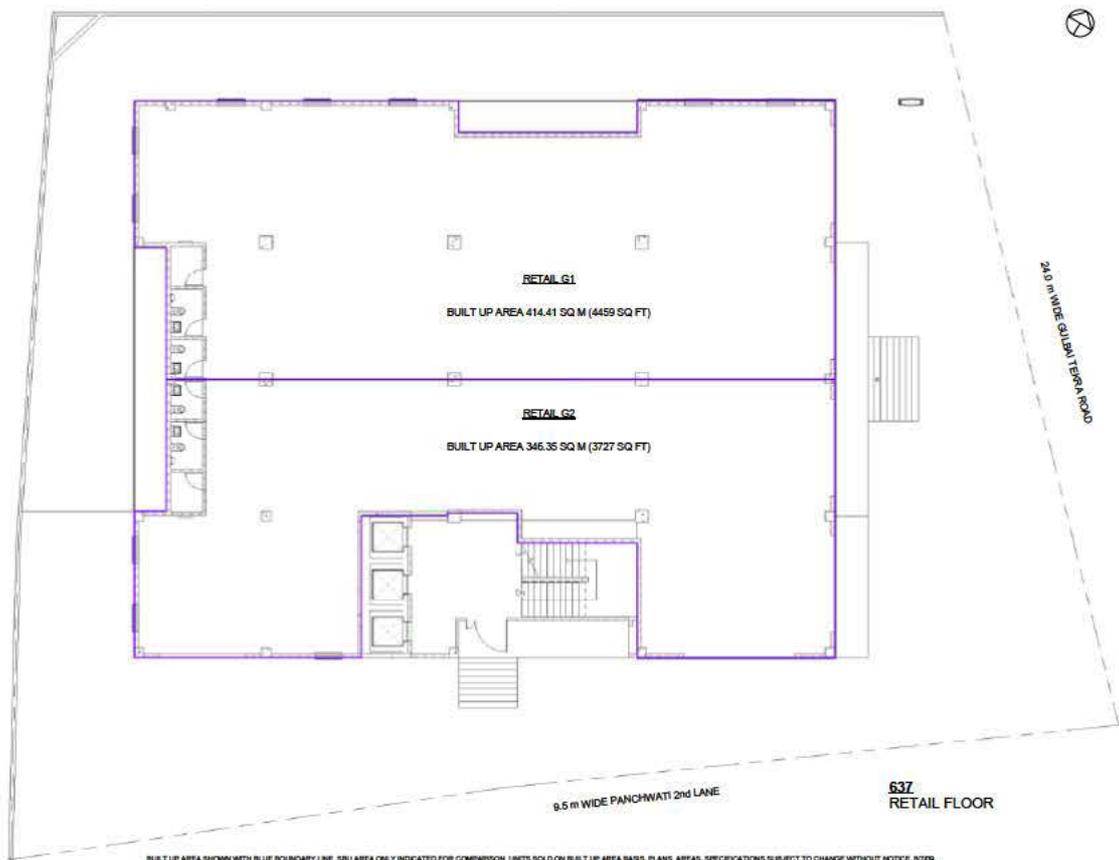




# 637

*Premiere offices and retail*

*Gulbai Tekra, Ahmedabad*



## Building Features

The structure is a rectangular 5-story office building with a two level parking on a site of 1840 sq m of land. The building contains 57240 sq ft salable area, with a typical floor plate of 11448 sq ft of salable area.

**Exterior** The exterior of the building consists polished and flamed granite and painted render. The straight elevations of the building have windows of modular sizes. Several sections of windows and utility areas have solar shading louvers to enhance the energy efficiency of the building and add architectural interest.

**Lobby** The granite finishes on the exterior of the building continue into the entry and lobby of the building with an attractive combination of polished panels and flame finished panels used throughout the lobby and elevator walls. The entrance foyers with custom lighting fixtures illuminate the lobby. The lobby includes a highly finished security console that has direct visibility to entry drive, entry doors, elevator lobby and stairs from the garage.

**Floors** The typical floors include full view glass panel doors at entries. The floor to ceiling height is about 9' with provision for 2'x2' ceiling grid. The walls of the public corridors are stone clad or rendered. The public corridors, elevator lobbies and office floors are carpeted throughout the building with vitrified tile.

**HVAC** The entire building has design provision for air conditioned from ceiling mounted cassette units. Utility areas are created outside each office for housing condenser units and convenient service.

**Elevators** Three 10 passenger automatic elevators provide vertical transportation. One elevator is reserved for goods and services.

**Green Roof** The landscaped green terrace will comprise of shaded cafeteria, vending machines and designated smoking area.

**Parking** Parking is provided in the margins, hollow plinth and with mechanical car lifts in the double height basement.

**Facility Management** The building will be professionally managed by the promoters, thereby ensuring long term value preservation and ease of occupation.

**Green Roof** terrace gardens provides upto 40% reduction in thermal load on the top floor of the building. Partially shaded areas on the terrace and landscaped garden will create a beautiful environment for the terrace cafeteria.

**Selection of plants and irrigation system** specially selected plants suitable for arid conditions and irrigation system comprising of sprinklers and drippers will reduce the water requirement of the terrace garden.

**Orientation of building** reducing the amount of openings on the South and West façade of the building, reduces the amount of energy required to cool the building.

**Double glazed windows** double glazed/laminated windows substantially reduce thermal conductivity, thereby reducing the total energy requirement of the building.

**Solar Shading** solar shading louvers on windows on the South and West façade will prevent direct sunlight from hitting the glass panes, also reducing the energy requirement of the building.

**Fly ash based concrete hollow blocks** conventional clay bricks use precious top soil leaving arid soil. Fly ash is a waste (landfill) byproduct of the energy industry. A wall made with dual wall hollow concrete blocks produces double the thermal insulation compared to a conventional brick wall. The greater dimensional accuracy of the hollow block also reduces the amount of cement plaster (render) material.

**Rainwater harvesting** excess rainwater and runoff will recharge underground aquifers through percolating well.

**Smaller carbon footprint** materials and products required for the construction of the building are sourced locally to reduce transportation.

**Photo voltaic collectors** will be placed on the terrace to generate electricity to power most of the common lighting requirement of the building.

**LEDs and florescent lamps** in place of conventional incandescent and tube lamps will reduce the total energy consumption of common areas of the building.

- Gearless drive elevators consume upto 40% less energy compared to conventional geared motors.
- Low flow faucets and fittings will reduce the water requirement by upto 40%
- All packaging material and recyclable materials on site will be reused or recycled.
- Post handover management will properly manage waste by recycling all possible materials.

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