



Construction of 64nos. 'G1' Type Quarters for Married Research Scholars at IIT Madras.

1. DESIGN FEATURES:

- The proposed **Stilt + 8 floors** housing block has been located on the site after demolishing the existing "Z" type quarters.

2. SALIENT FEATURES:

- The individual units have been designed to provide an efficient usage of space.
- The units make full use of light and ventilation in all functional spaces.
- A utility space attached with the kitchen provides flexibility in usage.
- Barrier Free/ Disabled Friendly planning & features.

(i) **Service core:**

Compact planning of the block helps in minimizing the area of the service core thus increasing the efficiency of the housing.

(ii) **Parking area:**

Provision of 64 nos. two-wheeler parking has been made in the stilt area.

(iii) **Terrace:**

All the services on terrace have been designed to maximize open terrace area.

(iv) **Common Services:**

1. Fire Hydrants (2 Nos. per Floor)
2. Electrical Shafts (4 Nos. per Floor)
3. Plumbing Shafts & light wells

(v) **Common Circulation:**

1. Staircases (2 Nos)
2. 13 Pass. lift 2 Nos.
3. 1.8 M wide common corridor

3.FACILITIES PROVIDED : Floor-wise details are as under:

Stilt Floor:

- Covered Parking for 64 two wheelers
- Common Lobby area
- Meter Room, LV Room, Common shaft
- Ramps & staircase entry (2 nos each)



First to Eighth Floors (Typical in each floor):

- 8 nos housing units per Floor
- Common Lobby area & common corridor
- Staircases (2 Nos.)
- 2 Nos. 13 Passenger Lift
- Fire Hydrants (2 Nos)
- Electrical Shafts (4 Nos)
- Plumbing Shafts & light wells

Terrace Floor:

- Mumty & Machine Rooms
- Domestic & Fire Water Tanks
- Grey Water Tanks

Typical Unit:

- Living room
- Bedroom
- Kitchen
- Balcony
- Utility balcony
- Toilet

4. AREA STATEMENT:

Total built up area: 4085 Sq.M (including stilt)

Typical Floor Area: 475 Sq.M

Typical Unit area: 42.35 Sq.M

5. SANCTION and AWARD DETAILS:

Estimate Amount : Rs.2205 Lakhs

Agreement Amount : Rs.1846 Lakhs

Name of the Contractor : M/s.RR Thulasi Builders (I) Pvt. Ltd., Chennai-83.

Date of Commencement : 09.09.2019

Stipulated date of Completion : 08.03.2021

Duration of the project : 18 months

Anticipated date of Completion : 15.12.2021

Physical Progress : 85% of work completed.

'G1' Type Quarters





G1-Q F6 kitchen cabinet shutter's fixing work...



G1-Q F3 kitchen cabinet door shutter Fixing work...

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G1-Q F4 toilet sanitary fittings work...



G1-Q F2 UPVC door & windows Fixing work...



