Pramukh Aura	R.S. No. 252/1/3, Chala, Vapi, Valsad	Screening/scoping & appraisal

Details of the proposed project as presented before the committee are described below:

Sr. No.	Particulars	Details
1.	Proposal is for	New Project [SIA/GJ/NCP/72661/2018]
2.	Type of Project	Residential Project
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)
4.	Name of the project	Pramukh Aura
5.	Name of Developer	Mr. Hamirbhai Laxmanbhai Bhatu.
6.	Estimated Project Cost (Rs. In Crores)	Rs. 70 Crores
7.	Whether construction work has been initiated at site? If yes, details thereof	No
8.	Project Details	• Land / Plot Area (m^2): 15,074.0 (Net plot area (m^2): 14,804.0) • FSI area (m^2): 39,756.29 • Total BUA (m^2): 54,982.94

	Permissible	Proposed
FSI Area (m^2)	40,699.8	39,756.29
Ground Coverage (m^2)	--	3,939.56
Common Plot Area (m^2)	1,480.4	1,480.4
Max. building height (m)		40.0

9.	Building Details	• No. of Buildings: 5 • No. of Blocks: 5 • Scope of buildings/blocks: Basement + hollow plinth +12 floors • No.& size of Residential Units:480 Flats • No. & type of Commercial Units:- • Details of amenities if any:
10.	No. of expected residents / users	2160 occupants from Flats, 200 visitors
11.	Water & waste water details during construction phase	• Water requirement (KL/day): 20.25 • Source of water: Water tankers • Waste water generation quantity (KL/day): 10.53 • Mode of disposal: Septic tank & soak pit • Details of reuse of water, if any: 4.0 KLD for curing
12.	Water & waste water details during operation phase	• Total water requirement (KL/day): 301.0 • Fresh water requirement (KL/day): 196.0 • Source of water: water supply from Vapi Nagarpalika • Waste water generation quantity (KL/day): 236.0 • Mode of disposal: Sewage to be generated will be treated in the proposed onsite STP. Treated sewage will be used for gardening & flushing purpose within premises and remaining quantity of treated sewage will be discharged into the Sewer line of Vapi Nagar Palika. • In case of STP provision, capacity of STP: Yes 250 KL/day • STP Technology: MBBR. • Purposes for treated sewage utilization: Gardening and Flushing

<table>
<tr><td></td><td></td><td>

Quantity of treated sewage to be reused:1.Gardening (KL/day): 6.0
2. Flushing (KL/day): 99.0
Provision of dual plumbing system (Yes/No): yes
Quantity and type (treated/untreated) of sewage to be discharged: Sewage to be generated will be treated in the proposed onsite STP. Treated sewage will be used for gardening & flushing purpose within premises and remaining quantity of treated sewage will be discharged into the Sewer line of Vapi Nagar Palika.
Mode of disposal: As above

</td></tr>
<tr><td>13.</td><td>Status of water supply and drainage line</td><td>Water supply & drainage line will be provided by Vapi Nagarpalika.</td></tr>
<tr><td>14.</td><td>Solid waste Management</td><td>
Construction Phase:
<table>
<tr><td></td><td>Generation (m^3)</td><td>Quantity to be reused (m^3)</td><td>Mode of Disposal / Reuse</td></tr>
<tr><td>Top Soil</td><td>1,350.0</td><td>1,350.0</td><td>Reuse for greenbelt development.</td></tr>
<tr><td>Other excavated earth</td><td>25,650.0</td><td>25,650.0</td><td>Will be completely used for back filling and raising plinth level within premises.</td></tr>
<tr><td>Construction debris</td><td>270</td><td>260 m^3 will be used for internal road.</td><td>Balance debris will be used in low lying areas and outer road development.</td></tr>
<tr><td>Steel scrap</td><td>7</td><td>0</td><td>Sold to vendors</td></tr>
<tr><td>Discarded packing materials</td><td>6</td><td>0</td><td>Sold to vendors</td></tr>
</table>
Operation Phase:
<table>
<tr><td>Type of waste</td><td>Generation Quantity (Kg/day)</td><td>Mode of waste collection</td><td>Mode of Disposal / Reuse</td></tr>
<tr><td>Dry waste</td><td>1,000.0</td><td>White bins</td><td>Sold to vendors</td></tr>
<tr><td>Wet waste</td><td>300.0</td><td>Green Bins</td><td>Will be treated in the Organic Waste Convertor</td></tr>
</table>

Details of segregation if to be done: Green bins for bio degradable waste & white bins for non-biodegradable waste
Capacity and no. of community bins to be placed within premises: 1070 bins will be provided with 5 kg to 25 kg capacity
Landfill site where waste will be ultimately disposed by local authority: At the nearby waste collection point of Vapi Nagarpalika.

</td></tr>
<tr><td>15.</td><td>Parking Details</td><td>

Total parking area requirement for the project as per GDCR: 7,951.26 m^2
Parking area requirement for residential units as per GDCR: 7,951.26 m^2
Total Parking area provided (m^2) & No. of CPS: 19,361.62 m^2 & 652 CPS
Parking area provided in basement including one layer mechanical parking (m^2) & No. of CPS: 14,111.92 m^2 & 441 ECS
Parking area provided in hollow plinth (m^2) & No. of CPS: 2,259.70 m^2 & 81 CPS
Parking area provided as open surface (m^2) & No. of CPS: 2,990.0 m^2 &130 CPS

</td></tr>
<tr><td>16.</td><td>Traffic Management</td><td>

Width of adjacent public roads: 18 m
Number of Entry & Exit provided on approach road/s: 1 gate will be provided.
Width of Entry & Exit provided on approach road/s: 12.0 m
Minimum width of open path all around the buildings for easy access of fire

</td></tr>
</table>

<table>
<tr><td></td><td></td><td>tender (excluding the width for the plantation): 5.0 m
• Width of all internal roads: 6.0 m, 12.0 m</td></tr>
<tr><td>17.</td><td>Details of Green Building measures proposed.</td><td>Maximum use of natural lighting through architectural design, energy efficient motors & pumps, water efficient taps, maximum use of RMC & aerated blocks, use of LED lighting fixtures and low voltage lighting, solar lighting in open and landscape areas, roof-top thermal insulation, rain water harvesting & ground water recharge through 4 nos. of percolating wells, provision of STP & reuse of treated sewage, segregation of solid waste & converting biodegradable waste into useful end product etc.</td></tr>
<tr><td>18.</td><td>Energy Requirement, Source and Conservation</td><td>• Power supply:
Maximum demand: 2200 KVA
Connected load: --
• Source: DGVCL
• % of saving with calculations: ~30% by use of LEDs, solar lights and star rated energy efficient electronic consumer durables
• Compliance of the ECBC guidelines (Yes / No),if yes, compliance in tabular form: only roof area
• DG Sets:
No. and capacity of the DG sets: 1x 125 KVA
Fuel & its quantity: HSD, 25 litre/hr</td></tr>
<tr><td>19.</td><td>Fire and Life Safety Measures</td><td>• During Construction Phase: Provision of Personal Protective Equipment's (PPEs) to the construction workers and its usage shall be ensured and supervised, training to all workers on construction safety aspects, first aid room with first aid kit, doctor & ambulance service.
• During operation phase: Fire extinguishers, hose reel, wet riser, manually operated electric fire alarm system, automatic sprinkler system in basement, underground fire water storage tanks 75 KL capacity, terrace water tank of 10 KL on each block etc.
• Nearest Fire station: Vapi fire station.
Distance from the project site: 3.0 km
Time required by a fire tender to reach the project site: about 15 minutes.</td></tr>
<tr><td>20.</td><td colspan="2">Details on staircase:
<table>
<tr><th>Type & no. of buildings</th><th>No. of floors</th><th>Floor area (m^2)</th><th>No. of staircase</th><th>Width of the staircase (m)</th><th>Travel distance (m)</th></tr>
<tr><td>A</td><td>B+HP+12</td><td>652.97</td><td>2</td><td>1.5</td><td><20</td></tr>
<tr><td>B</td><td>B+HP+12</td><td>599.09</td><td>2</td><td>1.5</td><td><20</td></tr>
<tr><td>C, E</td><td>B+HP+12</td><td>653.26</td><td>2</td><td>1.5</td><td><20</td></tr>
<tr><td>D</td><td>B+HP+12</td><td>619.67</td><td>2</td><td>1.5</td><td><20</td></tr>
</table></td></tr>
<tr><td>21.</td><td>Rain Water Harvesting (RWH)</td><td>• Level of the Ground water table:
• No.& dimensions of RWH tank(s) : 4 No
• No. and depth of percolations wells :4 no and 10 m
• Details on Pre-treatment facilities : Desilting cum filter chamber</td></tr>
<tr><td>22.</td><td>Green area details</td><td>• Tree covered area (m^2): 300.0
• Area covered by shrubs and bushes (m^2): included in lawn area
• Lawn covered area (m^2): 1,160.0
• Total Green Area (m^2): 1,460.0
• Green Area % of plot area: 10%
• No. of trees and species to be planted: 150 number of trees in premises.</td></tr>
<tr><td>23.</td><td>Dust control measures</td><td>Spraying of water, peripheral barricading, covered shed for cement loading, covering the excavated earth with tarpaulin sheet, compaction of soil during various construction activities etc.</td></tr>
<tr><td>24.</td><td>Budgetary allocation for Environmental Management Plan
(Rs. in lacs)</td><td>Allocation of Rs. 65.0 lacs & Rs.10.6 lacs as capital cost & recurring cost respectively has been made for EMP & EMS including green belt development, rain water harvesting / ground water recharge, solid waste management, STP, OWC etc.</td></tr>
<tr><td>25.</td><td>Details of eco-</td><td>Fly ash bricks, aerated blocks, fly ash paving blocks, maximum use of RMC,</td></tr>
</table>

	friendly building materials	lead free paints etc.
26.	Details of amenities to be provided to construction workers.	Sanitation facilities, maintaining hygienic condition at the project site to avoid health problems, safe drinking water, PPEs, first aid room with first aid kit & welfare facilities as per the Gujarat Building & Other Construction Workers Rules.
27.	Documents related to land possession.	Copy of Village from No.7 & 12 submitted by them shows that NA land, for residential use, is in the name of Mr. Hamirbhai Laxmanbhai Bhatu & other. Notarized consent of the other land owner has been submitted.

During the meeting, the project proponent was suggested to make use of solar energy for the proposed project. A letter obtained from Vapi Nagarpalika has been submitted which states that the water supply, drainage connection & solid waste collection facility will be provided to the project. After detailed discussion, it was decided to consider the project only after submission of the following:

1. Copy of permission obtained from Airports Authority of India for the proposed building height.
2. Building floor plans showing provision of two staircases in all the buildings. Basement plan should also be submitted.
3. Design details of the dual plumbing system to be provided for reusing treated sewage for flushing purpose.
4. Details & plan proposed for health, safety & welfare of construction workers in compliance to the provisions of Building and Other Construction Workers'(Regulation of Employment & Conditions of Service) Act 1996 & Rules made there under.
5. Details on solar energy utilization for the proposed project.