

KUMAR KERING PROPERTIES PVT. LTD.

Correspondence Address: "Kumar Capital" 1st Floor, 2413, East Street, Camp, Pune - 411 001
Phone: 26350660, Fax: 26353365

Date: 03/06/2019

To
Member Secretary
MPCB
Kalpataru Point, 3rd and 4th floor,
Opp. Cine Planet, Sion Circle,
Sion, Mumbai, Maharashtra 400022

Sub: Post EC Compliance Report for Period of January to March 2019 of Residential Group Housing Project At S. no. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A & B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village: Undri, Tal: Haveli, Dist: Pune-411001 Maharashtra by Kumar Kering Properties Pvt Ltd

Ref.: Environmental Clearance Letter No. SEAC-2010/CR-776/TC-2 dated 25th July, 2013

Dear Sir/Madam

As per the condition laid down in the Environmental Clearance Letter, we are submitting herewith post EC compliance report of our Residential Group Housing Project for period of January to March 2019.

Hope this is in line with your requirement.

Thanking you

Yours Sincerely

M/s. Kumar Kering Properties Pvt Ltd

27/06/19
आवक विभाग (मुख्यालय)
महाराष्ट्र प्रदूषण नियंत्रण मंडळ,
कल्पतरु पॉइंट, ३रा मजला, सायन सर्कल,
सिनेलॅनेट समोर, सायन (पूर्व),
मुंबई - ४०० ०२२.
फोन :- २४०९०४३७ / २४०२०७८९.

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To
Chairman, SEIAA
Environment Department,
15th Floor, New Administrative Building,
Mantralaya, Mumbai-400032

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2.7.19
आवक लिपीक
पर्यावरण विभाग
मंत्रालय, मुंबई

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SIX MONTHLY COMPLIANCE REPORT

OF

Residential Group Housing Project

AT

**S.NO. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A&B, 12/4,
12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3,
13/1/2/1, Village: Undri, Tal: Haveli, Dist: Pune
Maharashtra**

OF

Kumar Kering Properties Pvt Ltd

FOR

JANUARY 2019 TO MARCH 2019

PREPARED BY



ACE ENVIRONMENT

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Section1: Purpose of the Report

As per the ‘Sub Para (i)’ of ‘Para 10’ of EIA Notification 2006 and Condition mentioned General condition for construction phase in Sr. No.XLI and LIIIof Environmental Clearance (EC)letter dated 25th July, 2013(**Annexure 1A**),and subsequent EC having dated 16thOctober, 2017(**Annexure 1B**), it is mandatory to submit six monthly compliance report to show the status & compliance of all the conditions mentioned in EC letter, along with monitoring of various environmental parameters. Therefore, based on the general conditions mentioned in EC letter detail compliance report is prepared.

Section 2: Project Details

Kumar Kering Properties Pvt Ltdis proposing residential project at S.No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A&B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village:Undri, Tal: Haveli, Dist: Pune-Maharashtra. Project is designed as self-sufficient establishment wherein infrastructure facilities such as water supply, power supply and communication facilities are proposed. Further the project proponent has made provision for waste collection and disposal, rainwater harvesting and sewage treatment to ensure that project is environment friendly. The project proponent also proposes arrangement for safety, maintenance and security of residents.The main features of the project are as follows.

Sr. No.	Particulars	Details	
1	Total Plot Area (As per EC)	78600 Sq.m	
3	Proposed FSI area	83864.47 Sq.m	
4	Proposed Non FSI area	62293.36 Sq.m	
5	Construction BUA (FSI + Non FSI)	146157.83 Sq.m	
6	No. of buildings	Building Name & number	Number of floors
		B1 to B4	G+1
		C1 to C3	G+1
		D1,D2	G+1
		A1,A2	P+ 12
		A3 to A8	P+14
		A9 to A12	P+14 shops
		B1,B4	P+14 shops
		B2,B3	P+14
		Bungalow	G+1
Club House	P+G+1		
9	Fresh Water Requirement	506 m ³ /day	
10	Recycled Water Requirement (For Flushing & Landscaping)	Flushing: 260 m ³ /day Landscaping: 36 m ³ /day	
11	Sewage Generation	600 m ³ /day	
12	No. & Capacity of STP	1 STP of 650 KLD 1 STP of 50 KLD	

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13	Solid Waste Generation	Non-Bio-degradable Waste: 1193 kg/day Bio-degradable Waste: 1676 kg/day
	Energy	Source of power supply: MSEDCL During Construction Phase: 100 KW During Operation Phase: 6648 KW DG sets- 1 nos. of total capacity 82.5 KVA 2 nos. of total capacity 125 KVA Transformer- 1x 320 KVA 1 x 320 KVA

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Section 3: Present Site Conditions

Sr. No.	Name of Buildings	No. of Buildings	Current Status
1.	B1 to B4 Type Bungalows	24	Completed
2.	C1 to C3 Type Bungalows	15	Completed
3.	D1 to D2 Type Bungalows	5	Completed
4.	E Type Bungalows	6	Completed
5.	Club House for Bungalows		Completed
6.	A6, A7, B3	3	In Progress
7.	A1, A2, A3, A4, A5, A8, A9, A10, A11, A12	10	Proposed
8.	B1, B2, B4	3	Proposed
9.	Club House for Buildings	1	Proposed

Sr. No.	Status	Construction Area (in Sq.m)
1.	Total Construction Area as per EC	146157.83
2.	Total Construction Area Completed till March 2019	9356.71

Section 4: Post Environment Clearance Compliance Report

The proposal has been considered by SEIAA in its 52nd and 62nd meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subjected to implementation of the following terms and conditions:

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Sr. No.	EC Conditions	Compliance status
i.	Occupancy certificate should not be issued to the project unless adequate water supply is available to the project & sewerage line is ready in all respects to receive sewerage from the project.	Condition is noted.
ii.	This environmental clearance is issued subject to land use verification. Local authority/ planning authority should ensure this. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.	Condition is noted.
iii.	The height, construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number approving layout plan & before according commencement certificate to proposed work. ULB should also ensure the zoning permissibility for the proposed project as per the approved development plan of the plan of the area	The height, Construction built up area of proposed construction is in accordance with the existing FSI/FAR norms of the urban local body. Proposed project is in the residential zone as per the approved development plan of the area. The construction is as per Sanction layout vide number 1397/16-17 dated 07.02.2017. Attached as an Annexure 2.
iv.	“Consent for Establishment” shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	Consent to Establish was obtained before star of construction. Copy of same is obtained as Annexure 3.
v.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Sanitary and hygienic measures were provided during construction phase.
vi.	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. No physical occupation or allotment will be given unless all above said	We had developed MSW disposal facility, STP and landscaping area and then applied for consent to operate.

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	environment infrastructure is installed and made functional including water requirement, storm water drainage in Para. 2. Prior certification from appropriate authority shall be obtained.	
vii.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche, etc.	We were hiring local labours therefore no housing facility will be provided on site. But facility for safe drinking water, health care, mobile toilets were provided at site.
viii.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Yes, adequate drinking water and sanitary facilities were provided to the construction workers.
ix.	The solid waste generated should be properly collected & segregated, dry/inert solid waste should be disposed off to the approved sites for landfilling after recovering recyclable material	
x.	Arrangement shall be made that wastewater and storm water do not get mixed	Yes, condition was fulfilled.
xi.	All the topsoil excavated during construction activities should be stored for use in horticulture/ landscapes development within the project site	Yes, we had used excavated topsoil for landscaping.
xii.	Additional soil for leveling of the proposed site shall be generated within the sites (to extent possible) so that natural drainage system of the area is protected and improved.	Yes, we had use additional soil for site leveling to protect natural drainage system.
xiii.	Green Belt development shall be carried out considering CPCB guidelines including selection of Plant species and in consultation with the local DFO/Agricultural department.	Yes, we had developed landscaping as per CPCB guidelines.
xiv.	Disposal of muck during construction phases should not create any adverse effect on the neighbouring communities and be disposed taking necessary precautions for general safety and healthy aspects of people, only in	All construction waste was collected and segregated properly at site. Most of it was reused for construction activity and surplus was disposed off safely at approved sites with prior approval of competent authority.

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	approved sites with the approval of competent authority.	
xv.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Soil testing was done, according to reports all the parameters are within limit and so there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants
xvi.	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such materials must be secured so that they should not leach into the ground water.	We had taken proper measures during construction activity to avoid contamination of water courses.
xvii.	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	Paint & used oil would be generated at site which will be disposed through MPCB authorized vendors.
xviii.	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards	Yes we had used low sulphur diesel type DG during construction phase
xix.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	We are using DG set only in case of power failure and hence not much diesel is stored at site.
xx.	Vehicles hired for bringing construction materials to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	PUC checked vehicles were only allowed on site for transfer of material.
xxi.	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during	Care has been taken to maintain the noise level within limits at site. Construction activities were limited to daytime only. Noise shields were provided for heavy construction equipments. PPE were provided to labours.

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	construction phase, so as to conform to the stipulated standards by CPCB/MPCB	
xxii.	Fly Ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27 th August, 2003 (The above condition is applicable only if the project site is located within the 100km of Thermal Power Stations)	NA as site is away from Thermal Power Stations.
xxiii.	Ready mixed concrete must be used in building construction.	We had used Ready mixed concrete in construction.
xxiv.	The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures of lighting.	Condition is noted.
xxv.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Condition is noted.
xxvi.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	We had used tanker water for construction. Still we reduced the water demand during construction by using pre-mixed concrete, curing agents etc.
xxvii.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	Condition is noted.
xxviii.	The installation of the sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation treated effluent emanating from STP shall be recycled refused to the maximum extent possible. Treatment of 100% gray water by decentralized treatment should be done. Discharge of unused treated affluent shall conform to the norms and standards of the Maharashtra Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.	Condition Noted

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xxix.	Local body should ensure that no occupation certificate is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	Condition is noted.
xxx.	Permission to draw ground water shall be obtained from competent authority prior to construction/operation of the project.	Condition is noted.
xxxi.	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	We had provided dual plumbing in buildings.
xxxii.	Fixtures for showers, toilets flushing and drinking should be of low flow either by use of aerators or pressures reducing devices or sensor based control.	We had provided low flow fixtures in toilets to minimize wastage of water
xxxiii.	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	Condition is noted.
xxxiv.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Condition is noted.
xxxv.	Energy conservation measures like installation of CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy	CFLs are installed for energy conservation.

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xxxvi.	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	DG set of each: 1 no. X 82.5 KVA and 2 x 125 KVA is provided for power back up. DG sets are provided with silencer and acoustic enclosures. Stack height is provided as per MPCB norms.
xxxvii.	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Condition is noted.
xxxviii.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Condition is noted.
xxxix.	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by uses of appropriate thermal insulation material to fulfill requirement.	Condition is noted.
xl.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Yes, adequate distance was provided between buildings.
xli.	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	Regular supervision was carried out throughout construction phase.
xlii.	Under the provisions of Environment (Protection) Act, 1986, legal action shall be	Construction was started after obtaining environmental clearance

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	initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	(EC). The copy of EC letter is attached as Annexure-1 .
xliii.	Six monthly monitoring reports should be submitted to the Department and MPCB.	Six monthly monitoring reports is being duly submitted and copy of previous acknowledgements are attached as an Annexure 4 .
xliv.	A complete set of all the documents submitted to the Department should be forwarded to the MPCB	Condition is noted
xliv.	In case of any changes in the scope of the project, the project would require a fresh appraisal by this Department.	Condition is noted
xlvi.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards	Condition is noted
xlvii.	Separate funds shall be allocated for implementation of environmental protection measures/ EMP along with item-wise breaks up. These costs shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the MPCB & this department.	Separate fund was allocated for implementation of environmental protection measures. Budgetary provision for EMP is attached as an Annexure 5
xlviii.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with Maharashtra Pollution Control Board and may also be seen at Website at http://envis.maharashtra.gov.in	Advertisement was published in Marathi and English Newspaper. The copy of same is attached as Annexure - 6 .
xlix.	Project management should submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 st June & 1 st December of each calendar year.	Six monthly monitoring reports were duly submitted.

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1.	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Condition is noted
li.	The proponent shall upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x , (ambient levels as well as stack emissions) or critical sectoral parameters indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company to the public domain.	Yes, the compliance reports were duly submitted.
lii.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail respective Regional Office of MoEF, the respective Zonal Office of CPCB and SPCB.	We are submitting six monthly monitoring reports to Regional Office MoEF & CC regularly.
liii.	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the Regional Offices of the MoEF by e-mail.	Condition is noted
4	The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision of the Hon'ble court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case filed against him.	Condition is noted
5.	In case of submission of false document and noncompliance of stipulated conditions,	Condition is noted

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	Authority/ Environment Department will revoke or suspend the Environmental clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	
6.	The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	Condition is noted
7.	Validity of Environmental clearance: The environmental clearance accorded shall be valid for a period of 5 years	Condition is noted
8.	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.	Condition is noted
9.	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the Public Liability Insurance Act, 1991 and its amendments.	Condition is noted
10.	Any appeal against this environmental clearance shall lie with the National Environmental Appellate, if preferred within 30 days as prescribed under Section 11 of the National Environmental Appellate Act, 1997.	Condition is noted

EC conditions of BHA/ M. Undri/ Survey no. 12pt, 13pt/ Project no. 653/ 17-18 Dtd. 16thOctober, 2017

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1.	<p>Environmental Clearance from State Environmental Impact Assessment Authority in the subject project On 16.03.2015, the letter no. The certificate has been obtained by SEAC/2011/CR-178/TC-2 and strict compliance with the terms and conditions of this shall be mandatory on the project's applicant / owner / developer and architect / engineer / structural engineer / supervisor. Similarly, the revised project has total environmental clearance (Gross FSI+ Non FSI) Construction area 1,46,157.86sq. m. It has been given for this area.</p>	<p>Agreed. We are complying all the conditions mentioned in Environmental Clearance strictly.</p>
2.	<p>If there is any modification in the conceptual map submitted by the applicant is made, then it is obligatory for an applicant to submit new application to the Environmental cell.</p>	<p>Condition is noted. We will inform the Environmental cell if there would be any modification in the present plans.</p>
3.	<p>There shall not be any change in natural drainage system and no construction can be done in the wetlands.</p>	<p>Agreed. There is no any change in natural drainage system and no construction can be done in the wetlands.</p>
4.	<p>Use of water efficient appliances shall be required. Designated taxes shall require for at least 1 recharge per 500 sq. m. Construction area and rain water recharges must be limited to shallow passions. If ground water is not possible to recharge, rain water harvesting shall be required. Also, Permission to draw ground water shall be obtained from the competent authority</p>	<p>Rainwater from terraces and other open area will be diverted to recharge pits for ground water recharge. Rainwater from terraces has been diverted to rainwater harvesting tank. Run off from the rest of the area shall be discharged into municipal drain. There will be no use of ground water .Only tanker water will be used for construction.</p>
5.	<p>According to the Development Control Regulation, it is necessary to keep at least 20% of the area in the open space using grass pavers or other footpaths.</p>	<p>Condition is noted.</p>

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6.	For wet and dry wastes, dry waste should be provided to the official vendor by placing the container in the premises. Vermicomposting project applicant/ developer / landowner has to self-purchase for the waste disposal.	Garbage will be collected manually from each of the building and carted to collection spot through trolleys. In order to avoid problems associated with solid waste disposal problems, an effective solid waste management system will be followed by segregating the wet and dry garbage and handover it to the local authority for disposal. OWC is installed at site for treating wet waste at site, OWC installation certificate is attached as an Annexure 7
7.	The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.	Condition is noted.
8.	The waste generation from sewage treatment plant shall be disposed as per disposal rules of central public health and environmental engineering organization (C.P.H.E.E.O.)	The waste generation from sewage treatment plant shall be disposed as per the C.P.H.E.E.O. norms.
9.	The processed sewage has to be used for flushing and landscaping and additional sewage disposal shall be done as per the rules of Central Pollution Control Board (C.P.C.B.)	Treated water shall be used for the flushing and Gardening, Landscaping and Green belt area development. Additional sewage disposal shall be as per CPCB norms.
10.	Energy conservation building codes shall be followed and The L.E.D. lights shall be installed.	Common area lighting, street lighting and landscape lighting provided on Energy saving luminaries like CFL/LED instead of metal halide lamps.
11.	Machinery for the installation of solar water heating system shall be provided by applicant / developer / landlord with his own expenses and it should be ready building handover.	Solar water provided.

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12.	Construction and Demolition waste rules 2016 shall be adhered too in order to manage and dispose of the Waste. The land soil shall be used at maximum extent.	All construction waste gets collected and segregated properly. Most of that is reused for the construction activity.
13.	Environmental friendly construction materials shall be used.	Environmental friendly construction materials are used for construction.
14.	As per fly ash notification, 1999, Fly ash shall be used for R.C.C., construction and plaster.	Yes, Ready mixed concrete with fly ash was used in the construction.
15.	To avoid air pollution like dust, smoke and etc., 3 mtrs. Height barricading, tarpaulin, wheel washing and sprinkling of water shall be used.	Condition is noted.
16.	The DG set exhaust pipe shall be according to the CPCB rules.	DG set specifications shall be as per CPCB norms.
17.	The area of this land is more than 500 sq.m. Therefore, for planting of trees such as 1 tree for every 80 sq.m area, is mandatory for the applicant / developer / landowner. Also, if the cutting plants shall be done, then in exchange planting 3 nos. of tree is mandatory.	Total green area will be approx. 7467.97 sq.m. A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex. There will be tree plantation of about 738 nos. Plantation Details: Species will be selected as per CPCB greenbelt guidelines and common species available in the proposed area.
18.	Drinking water and sanitation facilities are mandatory for the construction workers.	Adequate portable water facility for drinking purpose is provided for the workers at the site during construction phase. Proper Sanitation facility is provided & Hygiene measures are taken care as Toilets are provided at site.
19.	If there is a violation of the laws of the environment, then, legal action shall be taken against the applicant under the Environment (Protection) Act1986.	Condition is noted.

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20.	Central Environment Department Notification no. 5.0.3999(E) Dated December 9, 2016 and Compliance with the provisions of Form 1A and Consolidated Statement submitted by the terms and conditions of the Government Notification TPS - 1816 / CR-443/16-DP Directors / UD-13 notification on 13.04.2017 and It is mandatory for the applicant to submit the report of the fulfillment of these provisions by qualified building environment auditor every 5 years.	Condition is noted.
21.	The applicant shall have to submit report about the Environmental Infrastructure and the certificate from the qualified building environment auditor before completing the Certificate of Occupation Certificate. After fulfilling the above conditions and conditions, occupation certificates shall be issued	Report about Environmental Infrastructure and the certificate from the qualified building environment auditor regarding same shall be submitted to authority before obtaining Occupational Certificate.
22.	For the proposed building and other developing land, it is mandatory to save 20 cm above the top layer of soil and use it in the right place for tree plantation in the proposed plants.	Yes, we noted the condition and agreeable to the same.
23.	It is mandatory to comply with the guidelines of Ministry of Urban Development MoUD and Urban & Regional Development Plans formulation and implementation URDFI for creating all inclusive mobility plans for public, private, managed, pedestrian and other transport plans.	Yes, we noted the condition and agreeable to the same.
24.	It is mandatory to prepare an Environmental Management Plan for the purpose of meeting and implementing the Environmental Terms. For the maintenance of environmental infrastructure, environment monitoring cell should be established which shall be the office bearer of the Co-operative Housing Society, so that the proposed facility shall be repaired permanently.	Condition Noted.

25.	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (prevention of pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	Yes, we noted the condition and agreeable to the same.
26.	In this case the scrutiny amount is of Rs. 5,00,000/- is paid for environmental clearance. In future, if there will be any changes in the amount, then the required amount shall be paid to the Authority.	Yes, we have paid the fees and further condition noted.
27.	If any information or documents submitted by the applicant are false / misleading, then the development approval and Commencement certificate shall be deemed to be canceled.	Yes, we noted the condition and agreeable to the same.

Section 5: Monitoring and Analysis

Monitoring of Air quality, Water quality, Soil quality, Noise level and DG set stack emissions at construction site. Monitoring was done and samples were collected as per standard norms. All samples were analyzed in NABL accredited laboratory. The details of sampling parameters were given in following table.

Sr. No.	Environmental Components	Monitoring Parameters
1	Air	PM ₁₀ , PM _{2.5} , SO ₂ , NO ₂ , O ₃ , Pb, CO, NH ₃ , C ₆ H ₆ , Benzo (a) Pyrene – Particulate Phase only, As, Ni
2	Water	Colour, Odour, Turbidity, pH, TDS, Total Alkalinity, Total Hardness, Ca, Mg, Cl ⁻ , SO ₄ , NO ₃ , Fe, Mn, F, Pb, Cu, Zn, Cr ⁶⁺ , As, B, Residual Chlorine, Al, Cd, Se, Hg, Pesticides, Mineral Oil
3	Noise	Leq
4	Soil	pH, Electrical Conductivity, Total Nitrogen as N, Phosphate as P, Potasium as K, Exchangeable Calcium as Ca, Exchangeable Magnesium as Mg, Exchangeable Sodium as Na, Organic Matter, Texture

Six Monthly Compliance Report of Kumar Kering Properties Pvt Ltd

Monitoring results are attached as **Annexure 8** which indicates that parameters of all environmental components are within standard limit and there is no pollution at site.

Government of Maharashtra

SI/AC/2010/38-776/IC-2
Environment Department,
Room No. 217, 2nd floor,
Mangalaya Annex,
Mumbai 400 032
Date: 25th July, 2013

To,
M/s. Kumar Kering Properties Pvt. Ltd.
Kurezz Capital 1st Floor 2413,
East Street, Camp, Pune - 411 001

Subject: Environmental clearance for proposed Residential Group Housing Scheme at village Undri, Tal. Haveli, Dist. Pune by M/s. Kumar Kering Properties Pvt. Ltd - Environmental clearance regarding.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee, Maharashtra in its 60th meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 57th & 62nd Meetings.

2. It is noted that the proposal is for grant of Environmental Clearance for proposed Residential Group Housing Scheme at village Undri, Tal. Haveli, Dist. Pune. SEAC considered the project under screening category 8(a) B2 as per EIA Notification 2006.

Brief Information of the project submitted by Project Proponent is as:

Name of Project	Residential Group Housing Project	
Project Proponent	M/s. Kumar Kering Properties Pvt. Ltd.	
Consultant	M/s. Saitech Research & Development Organization	
Type of Project	Group Housing Project	
Location of the Project	At Sr. No. 12/12, 12/13, 12/14, 12/2, 12/3A, 12/7A, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12.1, 12/12.2, 12/12/1, Village Undri, Tal. Haveli, Pune Maharashtra	
Total Plot Area	73600.00 m ²	
Deductions	25405.25 m ²	
Net Plot area	53194.75 m ²	
Net Permissible FSI	91124.51 m ²	
Proposed Built up area (FSI & Non FSI)	• FSI area (m ²)	68452.50m ²
	• Non FSI area (m ²)	22715.66 m ²
	• Total BUA area (m ²)	91168.16 m ²
Ground-coverage Percentage (%)	42 %	

Estimated cost of the project	Rs. 113.79 Crores (Approx)
No. of buildings & its configurations	<p>Total Number of Buildings 9 to 44 Bungalows</p> <ul style="list-style-type: none"> • Nos. of Tenements: 440 • Buildings A1 to A8: P + 2 Floors • Bungalows B1 (6 Nos.), B2 (5 Nos.), B3 (6 Nos.), B4 (6 Nos.), C1 (5 Nos.), C2 (5 Nos.), C3 (5 Nos.), D1 (2 Nos.) & D2 (3 Nos.): G + 1 • Building E: P + 10
Number of tenants and shops	Total tenants: 440 nos.
Number of expected residents/users	2200 persons
Tenant density per hectare	58 Tenants/Hectare
Height of the building	36 m
Right of way	24 m Wide RP road adjacent to the site
Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	12 m
Total Water Requirement	<p>Dry season:</p> <ul style="list-style-type: none"> • Source: Gram Panchayat • Fresh water : 205 m³/day • Recycled water (Flushing) : 115 m³/day • Recycled water (Landscaping) : 94 m³/day • Total Water Requirement : 402 m³/day • Fire fighting (Underground water tank) : 300 m³ • Fire fighting (Overhead water tank) : 10 m³ • Excess treated water : 66 m³/day <p>Wet Season:</p> <ul style="list-style-type: none"> • Source : Gram Panchayat • Fresh water : 205 m³/day • Recycled water (Flushing) : 103 m³/day • Total Water Requirement : 308 m³/day • Fire fighting (Underground water tank) : 300 m³ • Fire fighting (Overhead water tank) : 10 m³ • Excess treated water : 161 m³/day

Rain Water Harvesting (RWH)	<ul style="list-style-type: none"> • Level of the Ground water table : 3 m • Size, no of recharge pits and Quantity : • Size of the recharge pit = 3.0 m x 3.0 m x 3.0 m • No of recharge pit proposed = 10 Nos. • Budgetary allocation (Capital cost and O&M cost) • Capital Cost: 22 Lakhs • O & M Cost per Annum : 0.25 Lakhs
Storm water drainage	<ul style="list-style-type: none"> • Quantity of storm water : • Size of SWD. Storm water drain of 0.45m width & 0.2m depth @ slope 1:200 will be provided along the road in project area.
Sewage and Waste water	<ul style="list-style-type: none"> • Sewage generation : 277 m³/day • STP technology : Sequential Batch Reactor • Capacity of STP : 300 m³/day • Location of the STP : Ground • DG sets (during emergency) : 1 X 125 KVA 2 X 250 KVA 2 X 500 KVA • Budgetary allocation (Capital cost and O&M cost) : • Capital Cost: Rs. 100 Lakhs • O & M Cost per Annum: Rs. 10 Lakhs
Solid waste Management	<p>Waste generation in the Pre Construction & Construction phase:</p> <ul style="list-style-type: none"> • Waste generation : 58 kg /day • Quantity of the top soil to be preserved : • Disposal of the construction way debris. Construction debris, Waste concrete and broken bricks will be utilized in low and leveling, secondary concrete, below roads. Some quantity of Excavation soil will be use for backfilling and remaining will be hand over to authorized vendor. <p>Waste generation in the operation Phase:</p> <ul style="list-style-type: none"> • Dry waste : 410 kg/day • Wet waste : 616 kg/day • E - waste : very less amount • Hazardous waste: spent oil or oil grease for DG sets, paints etc. <p>STP sludge (Dry sludge) : 33 kg/day</p> <p>Mode of Disposal of waste:</p> <ul style="list-style-type: none"> • Dry waste : Handed over to authorized recycler for further handling and disposal • Wet waste: Will be converted to compost using Organic Waste Processor (OWP) model no. FPL 1000 • E - waste : Handed over to authorized Vendor • Hazardous waste : Handed over to authorized Vendor • STP Sludge (Dry sludge) : Will be used as mixture for gardening <p>Area requirement:</p> <p>i. <u>Locations</u> : On Ground</p>

- Total area provided for the storage & Treatment of the solid waste : For IPI, 1000' x 100 m'
- Budgetary allocation (Capital cost and O&M cost)
Capital Cost : 10 Lakhs
O & M Cost : 2 Lakhs Annam

Green Belt Development

RG on the ground : 8690.57 m²

RG on the podium : 4023.94 m²

Plantation:

Trees to be planted on the Ground : 738 Nos. & Shrubs : 21 Nos.

Trees to be planted on podium : 25 Nos.

Shrubs to be planted on podium : 21 Nos.

Budgetary allocation (Capital cost and O&M cost):

Capital Cost : 85 Lakhs

O & M Cost : 6 Lakh Annam

Energy

Power supply:

Sl. No.	Power Requirement	
1	Source of power supply : MS&B	
2	During Construction Phase	63 KVA
3	During Operation Phase,	
	Demand Load	6500 KVA
	Connected Load	11500 KVA
4	DG set as Power Backup during operation phase	1 nos. x 125 KVA 2 nos. x 250 KVA 2 nos. x 500 KVA
5	Fuel used	Diesel

Energy saving by non-conventional method.

Energy saving measures

- All Fluorescent lights : LED with Electronic ballast in place of Copper chokes & Tube - 15 type, in place of 18 type, to reduce the power consumption by 12 watts per lamp & increase in lumens by 14%. Further reduction by use of sensors (Power saving 1,63,146 KWH/year) = 7761x0.8x6hrs/days 365d/yr x 12 watts
- Hot water requirement for low rise, will be met by Solar water heating system. (Power saving 12,56,661 KWH/year).
- All Buildings Areas will be equipped with Capacitor Banks, with heavy duty compact gas

filled capacitors with harmonic filters to maintain THD's less than 10% with auto power factor correction panels to be connected with L.F panels at load end. This is to reduce the power losses caused by low power factor & Harmonic distortions of power wave form

- Electrical distribution system will be monitored regularly and energy consumption will have check meter, so that any energy loss will be detected and will be rectified immediately.
- Insulated Roof to reduce heat gain.
- Common light load requirements in high rise buildings/ street lighting will be met by use of solar if feasible. Energy will be saved 50,000 KWH/year.
- Detail calculations & % of saving

Sl. No.	Energy Conservation Measures	Saving %
1.	Lighting Fixtures with CFL. & TS with Electronic Ballast +Power.	20% on entire lighting load
2.	Lighting Control System on BMS & Sensors	10% street and common lights
3.	Solar water heating system/ lighting	20%
4.	Solar	Common lighting & small power.

- Budgetary allocation (Capital cost and O&M cost)

Capital Cost: Rs. 83.63 Lakhs

O & M Cost: Rs.1.5 Lakhs/Annura

DG Set:

- Number and capacity of the DG sets to be used .

During Construction Phase : 1 nos. X 80 KVA

During Operational phase: Residential: - 1 no. X 125 KVA

2 nos. X 250 KVA

2 nos. X 500 KVA

- Type of fuel used : Diesel

Traffic Management

Buildings	Wing	Number of beds/units	Perching required 20*4*11=244 sq. per 4200sqm	Perching required 20*4*11=244 sq. per 4200sqm	Perching required 20*4*11=244 sq. per 4200sqm
P+12	A1	47		1347	
P+12	A2	47		1347	
P+12	A3	47		1347	
P+12	A4	47		1347	
P+12	A5	47		1347	
P+12	A6	47		1347	
P+12	A7	17		1147	
P+12	A8	47		1347	
G+1	B1	5		146	146
G+1	B2	5		146	146
G+1	B3	5		146	146
G+1	B4	6		146	146
G+1	C1	5		146	146
G+1	C2	6		146	146
G+1	C3	6		146	146
G+1	D1	2		49	49
G+1	D2	3		75	75
P+10	E	20		488	488
TOTAL		440		10726	12212

Soil parking: 440 m² -
Medium Parking 10700m² = 15700

Width of all Internal roads (m): 7.5 m, 9 m & 12 m Wide

Environmental Management plan Budgetary Allocation :

During Construction Phase.

Sr. No.	Parameter	Total cost in Lacs
1	Water for Dust Suppression	0.7
2	Site Sanitation & Safety	1.5
3	Environmental Monitoring	2.4
4	Disinfection	1.4
5	Health Check up	1.5
6	Total Cost	7.5

During Operation Phase

Sr. No.	Pollution Control Measures	Recurring Cost Per Annum (Rs. Lakhs)	Capital Cost (Rs. Lakhs)
1.	Pollution Control - STP & Noise Control Measures.	10 (Includes cost of power, operation & maintenance)	100 (Construction of STP)
2.	Environment Monitoring	5 (Monitoring charges for air, water, waste water, soil, DG stack, noise etc.)	Nil
3.	Solid Waste Management	2 (includes cost of waste collection, storage and disposal)	10 (Includes cost of waste collection, storage and disposal.)
4.	Solar water heater	1.5	83.63

System			
5	Occupational Health	25	2
		(includes cost of medical checkup, PPE & first aid kit)	(includes cost of PPE, first aid facility)
6	Green Belt development	6	85
		(includes cost of landscaping of plot area)	(includes landscaping of plot area)
7	Rain water harvesting	0.25	22
8	Others (EHS orientation & training)	2	10
		(environment & safety training)	(other equipments)
	Total	30.25	114.63

3. The proposal has been considered by SI-LAA in its 52nd & 62nd meetings and decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:-


- (i) Occupancy certificate should not be issued to the project unless adequate water supply is available to the project and sewerage line is ready in all respects to receive treated sewerage from the project.
- (ii) This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SLIAA) approved the proposed land use.
- (iii) The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before securing commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
- (iv) "Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
- (v) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- (vi) Project proponents shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.

- (vii) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile S.P., safe drinking water, medical health care, crèche and First Aid Room etc.
- (viii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- (ix) The solid waste generated should be properly collected and segregated, dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
- (x) Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
- (xi) Arrangement shall be made that waste water and storm water do not get mixed.
- (xii) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- (xiii) Additional soil for leveling of the proposed site shall be generated within the sites to the extent possible so that natural drainage system of the area is protected and improved.
- (xiv) Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (xv) Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- (xvi) Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- (xvii) Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the companies for such material must be secured so that they should not leak into the ground water.
- (xviii) Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- (xix) The diesel generator sets to be used during construction phase should be low sulphur-diesel type and should conform to Environment's (Protection) Rules prescribed for air and noise emission standards.
- (xx) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from competent authority shall be taken.
- (xxi) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- (xxii) Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- (xxiii) Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2000 (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
- (xxiv) Ready mixed concrete must be used in building construction.

- (xxxv) The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lightning.
- (xxxvi) Storm water control and its re use as per CCWT and B/S standards for various applications.
- (xxxvii) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- (xxxviii) The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- (xxxix) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
- (xl) Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
- (xli) Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.
- (xlii) Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
- (xliii) Fixtures for showers, toilet flushing and drinking should be of low flow, either by use of aerators or pressure reducing devices or sensor based control.
- (xliv) Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
- (xlv) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
- (xlvi) Energy conservation measures like installation of CFLs, TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/ sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non conventional energy source as source of energy.
- (xlvii) Diesel power generating sets proposed as source of back up power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- (xlviii) Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
- (xlix) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- (xl) Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces.

- while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement
- (xiii) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
 - (xiv) Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
 - (xv) Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
 - (xvi) Six monthly monitoring reports should be submitted to the Department and MPCB.
 - (xvii) A complete set of all the documents submitted to Department should be forwarded to the MPCB
 - (xviii) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
 - (xix) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
 - (xx) Separate funds shall be allocated for implementation of environmental protection measures/EEMP along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purposes and year wise expenditure should reported to the MPCB & this department.
 - (xxi) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://www.mahapollutioncontrolboard.org>
 - (ii) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
 - (iii) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 - (iv) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely: SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
 - (v) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

- (iv) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MofE by e-mail.
4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
 5. In case of submission of false document and non compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
 6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
 7. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years.
 8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
 9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
 10. Any appeal against this environmental clearance shall lie with the National Green Tribunal, Van Vigyan Bhawan, Sec- 5, R.K. Puram, New Delhi - 110 022, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


(R.A. Rajeev)
Principal Secretary,
Environment department &
MS. SEIAA

Copy to:

1. Shri. P.M.A Hakeem, IAS (Retd.), Chairman, SEIAA, 'Jugru' Kottarakkott Road, Calicut- 673 006 Kerala

2. Dr. S. Devotta, Chairman, SEAC, T2/302 Sky City, Vanagarasi - Ambattur Road, Chennai - 600 095
3. Additional Secretary, MOEF, 'Paryavaran Bhavan' CGO Complex, Lodhi Road, New Delhi - 110010
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Pune.
7. Collector, Pune.
8. Commissioner, Pune Municipal Corporation, Pune.
9. In- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003
10. Director (FC-1), Dy. Secretary (TC-2), Scientist-1, Environment Department.
11. Select file (FC-3).



PUNEMETROPOLIS

पुणे महानगर प्रदेश क्षेत्र विकास प्राधिकरण, पुणे

Pune metropolitan Regional Development Authority, Pune

स.नं. १५२ - १५३, महाराजा सयाजीराव गायकवाड उद्योग भवन, औंध, पुणे - ४११ ००७

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जा.क्र. वीएचए/मौ.उंड्री/स.नं.१२ पै, १३ पै/प्र.क्र. ६५३

- ३५ - ३६

दि.३६/३७/२०१७

पर्यावरण अटी व शर्ती

(शासन निर्णय क्र. TPS-१८१६/CR-४४३/१६-DP Directers/UD-१३ दि.१३/०४/२०१७ नुसार)

प्रति,

श्री. केवलकुमार केसरीमल जैन
रा. कुमार कंपिटल, ईस्ट स्ट्रीट कॅम्प, पुणे १.

मौजे उंड्री ता. हवेली येथील स.नं. १२पै, १३पै क्षेत्र - ७८६००.०० चौ.मी. क्षेत्रावरील समूह गृहबांधणी प्रकल्पामधील सुधारित रेखांकन/ इमारत बांधकाम प्रस्ताव मंजूरीस्तव प्राधिकरणाकडे प्राप्त झाला होता. त्यानुसार आपण प्रस्तावासोबत सादर केलेल्या कागदपत्रास अधिन राहून तसेच सोबतच्या परिशिष्ट 'अ' मध्ये नमूद अटी व शर्तीस अधिन राहून उक्त प्रस्तावास प्राधिकरणाकडील जा.क्र. वीएचए/मौ.उंड्री/स.नं.१२पै, १३पै / प्र.क्र. १३९७/१६-१७, दि. ०७/०२/२०१७ अन्वये विकास परवानगी व प्रारंभ प्रमाणपत्र देण्यात आलेले आहे.

आता प्रस्तुत प्रकरणी आपण पर्यावरण ना हरकत दाखला मिळणेच्या अनुषंगाने प्राधिकरणाकडील Environment Cell कडे दि. ०३/०८/२०१७ रोजीच्या पत्रान्वये प्रस्ताव सादर केलेला आहे. सदर प्रस्तावास प्राधिकरणाकडील Environment Cell कडून छाननी करण्यात आलेली असून त्यास मा. महानगर आयुक्त यांनी मान्यता दिलेली आहे. शासन नगर विकास विभागाकडील अधिसूचना क्र. TPS-१८१६/CR-४४३/१६-DP Directers/UD-१३ दि.१३/०४/२०१७ रोजीच्या अधिसूचनेत दिलेल्या निर्देशानुसार बांधकाम परवानगी सोबत पर्यावरणसंबंधी देखील अटी / शर्ती एकत्रितपणे अर्जदारास कळविणे आवश्यक आहे. त्यानुसार विषयांकीत प्रकरणी पर्यावरणबाबतच्या अटी व शर्ती सोबतच्या प्रपत्र ब मध्ये नमूद करून पाठविण्यात येत आहेत. त्यामधील अटी व शर्तीनुसार पुढील आवश्यक ती कार्यवाही करणे आपणावर बंधनकारक राहिल. यापूर्वी १३९७/१६-१७, दि. ०७/०२/२०१७ अन्वये दिलेली विकास परवानगी व प्रारंभ प्रमाणपत्र त्यासोबतचे प्रपत्र अ आणि बांधकाम नकाशे कायम असून त्यानुसार कार्यवाही करणे आपणावर बंधनकारक राहिल.

मा. महानगर आयुक्त तथा मुख्य कार्यकारी अधिकारी यांचे मान्यतेने



महानगर आयुक्त
तथा

मुख्य कार्यकारी अधिकारी,
पुणे महानगर प्रदेश क्षेत्र विकास प्राधिकरण,
पुणे यांचे करिता.

परिशिष्ट ब
विशेष पर्यावरणीय अटी व शर्ती

प्रकल्पाची संक्षिप्त माहिती

- १) प्रकल्पाचे नाव - " एक्सपॅन्शन ऑफ रेसिडेन्शीयल ग्रुप होसिंग स्किम "
- २) अंदाजे खर्च - रु. ११३.७९ कोटी
- ३) एकूण सदनिका - १००७, शॉप्स - ३६, बंगलो - ५०
- ४) जास्तीत जास्त इमारत उंची - ४४.९० मी.
- ५) एकूण वापरकर्ते - ६०४३
- ६) बांधकाम क्षेत्र (FSI + Non FSI) = १,४६,१५७.८३ चौ. मी.
- ७) छाननी शुल्क - ५ लक्ष (प्रमाणे पु.म.प्र.वि.प्रा. पुणे कडे जमा करण्यात आला आहे.

१) Land Environment

- १) संकल्पनात्मक नकाशा जोडला असून इमारत संरचना खालील प्रमाणे आहे.
इमारत B 1 to B 4 - G + 1
इमारत C 1 to C 3 - G + 1
इमारत D 1, D 2 - G + 1
बंगलो - G + 1
क्लब हाऊस - P + G + 1
इमारत A 1, A 2 - P + 12
इमारत A 3 to A 8 - P + 14
इमारत A 9 to A 12 - P + 14 शॉप्स
इमारत B 1, B 4 - P + 14 शॉप्स
इमारत B 2, B 3 - P + 14
एकूण ६७ इमारत
- २) वास्तुविशारद यांनी प्रमाणित केलेले बांधकाम क्षेत्राचा तपशील खालील प्रमाणे आहे.
जमीन क्षेत्रफळ - ७८६००.०० चौ.मी.
बांधकाम क्षेत्र (FSI) - ८३,८६४.४७ चौ. मी.
बांधकाम क्षेत्र (Non FSI) - ६२,२९३.३६ चौ. मी.
एकूण बांधकाम क्षेत्र - १,४६,१५७.८३ चौ. मी.
- ३) पाणी वापर - बांधकाम दरम्यान - ९.५ घ. मी. / दिन
ऑपरेशन चरण - ७६५ घ. मी. / दिन
- ४) वीज आवश्यकता - बांधकाम दरम्यान - १०० KW
ऑपरेशन चरण - ६६४८ KW
- ५) पार्किंग - गाडी - ५२५
दुचाकी - १५७५
सायकल - १७७५
एकूण - ३८७५
- ६) सदर प्रकल्प नियोजित विकास आराखड्यानुसार असल्याने विद्यमान सुविधांवर कोणताही मोठा प्रभाव होणार नाही.
- ७) कंट्रोल नकाशा जोडला असून सदर नकाशाचे अवलोकन केल्यास निदर्शनास येते की, कोणत्याही प्रकारचे जमीनीचे क्षारण व अस्थिरता निर्माण होणार नाही.
- ८) सदर प्रकल्प सध्याच्या नैसर्गिक निचरा व्यवस्थेमध्ये बदल करणार नाही.
- ९) एकूण उल्थनन ६०० घ. मी. प्रस्तावित आहे व ६०० घ. मी. जागा समतल करण्याकरीता वापरण्यात येईल.
- १०) बांधकाम कालावधीमध्ये एकूण ९.५ घ. मी. पाणी वापर व ७.६ घ. मी. सांडपाणी निर्माण होण्याचे प्रस्तावित आहे. सदर सांडपाणी प्रक्रियेकरिता खडी भिजवून असलेला सेप्टिक टाफी प्रस्तावित आहे.



- ११) प्रस्तावित प्रकल्पामुळे पाणथळ जागेत कोणताही बदल होणार नाही.
 १२) सदर प्रकल्पामुळे आरोग्य धोका निर्माण होणार नाही या करीता विकसनकर्त्याने खालील बाबींची पूर्तता करण्याची हमी दिली आहे.
 a) ३.० मी. बॅरीकेडिंग करणे
 b) धूळ धोरणांसाठी पाणी शिंपडणे
 c) वैयक्तिक संरक्षण उपकरणे देणे.
 d) Construction & Demolition Waste Rules, 2016 चे पालन करणे.

२) Water Environment

- १) Water Balance Chart चा तपशील खालील प्रमाणे
 शुद्ध पाणी वापर - ५०६ घ. मी./ दिन
 फ्लशिंग पाणी वापर - २६० घ. मी./ दिन
 लँडफेकिंग पाणी वापर - ३६ घ. मी./ दिन
 एकूण पाणी वापर - ७६५ घ. मी./ दिन
 सांडपाणी निर्मिती - ६०० घ. मी./ दिन
 उपचार केलेले अतिरिक्त पाणी - २९८ घ. मी./ दिन
- २) पाणीपुरवठा ना हरकत दाखला जोडलेला असून बोअरवेलचे Yield - ५०६ घ. मी. / दिन आहे.
 ३) जलशुद्धीकरण केंद्र प्रस्तावित केले असून सदर प्रक्रिया दर्शवण्यात आली आहे व त्याचा तपशील खालील प्रमाणे आहे.
 ४) सदर प्रकल्पामधील नळांना Low Flow Aerators बसविण्याचे प्रस्तावित आहे.
 ५) सदर प्रकल्पामधील मलनिःसारण यंत्रणे मधून एकूण ६०० घ. मी./ दिन इतके पाणी पुनर्वापर करण्याचे प्रस्तावित आहे.
 ६) सदर प्रकल्पामधून पाण्याचे फेरफार अपेक्षित नाही.
 ७) Hydrogeological report सादर केला आहे.
 e) पावसाच्या पाण्याची साठवण टाकी - २०० घ.मी.
 f) पावसाच्या पाण्याचा रिचार्ज उथळ सच्छिद्र पर्यंत मर्यादित ठेवण्यात येईल.
 c) सदर प्रकल्पामुळे Water logging व Flooding अपेक्षित नाही व खालील बाबींची पूर्तता करण्यात आली आहे.
 a) वादळ पाणी निचरा करण्याकरिता जलवाहिनी - ६०० dia
 b) सीमा भिंत उभारण्यात येईल.
 c) एकूण ७४६७.९७ चौ.मी. Grass Pavers लावण्यात येईल जेणेकरून जास्तीत जास्त पाणी पावसण्यात येईल.
 d) Storm Water Layout जोडण्यात आला आहे.
 ९) बांधकाम कामगार काम करते वेळेस अस्वच्छ परिस्थिती निर्माण न होण्याकरिता खालील बाबींची पूर्तता करण्यात आली आहे.
 a) Mobile Toilets बसवण्यात येतील.
 b) कचरा विषमता करण्याकरिता वेगळे कुंड्या ठेवण्यात येतील.
 c) कीटक नाशक फवारे वेळोवेळी मारण्यात येतील.
 १०) सांडपाणी प्रक्रिया संयंत्राबाबत सविस्तर माहितीचा तपशील खालील प्रमाणे -
 S.T.P. 1 - ६५० मी./ दिन
 S.T.P. 2 - ५० मी./ दिन
 Sewage treatment technology-MBBR technology
 Input B.o.D 3 days @ 27deg C >350 mg/lit
 Output B.o.D 3 days @ 27deg C <10 mg/lit
 ११) उपचार केलेल्या अतिरिक्त पाण्याची C.P.C.B. च्या नियमावलीनुसार विल्हेवाट करण्यात येईल
 १२) सांडपाणी यंत्रणेमधून निष्पाण्या गाळाची विल्हेवाट C.P.H.E.E.O च्या नियमावलीनुसार करण्यात

	<p>येईल.</p> <p>१३) चुहेरी नलिका वापरून grey व black water वेगळे करण्यात येईल.</p>
३)	<p>Vegetation</p> <p>१) सदर प्रकल्पामुळे जैवविविधतेवर कोणताही धोका निर्माण होणार नाही.</p> <p>२) झाडे लावण्याचा नकाशा जोडण्यात आला असून त्याचा तपशील खालील प्रमाणे आहे.</p> <p>a) विद्यमान झाडे - ०</p> <p>b) कापण्याकरिता प्रस्तावित झाडे - ०</p> <p>c) प्रत्यारोपणकरिता प्रस्तावित झाडे - ०</p> <p>d) प्रस्तावित नवीन झाडे - ७३८ (किमान ८० चौ. मी. ला १ झाड)</p> <p>e) सदर जमिनीवरील वरची माती पुनर्वापर करण्यास प्रस्तावित आहे.</p> <p>f) झाडे लावताना मुळ प्रजातींना प्राधान्य दिले जाईल.</p>
४)	<p>Fauna</p> <p>सदर प्रकल्पामुळे जीवजंतुंवर कोणताही मुख्य प्रभाव होणार नाही.</p>
५)	<p>Air Environment</p> <p>१) सदर प्रकल्पामुळे हवेतील प्रदुषणावर कोणताही मुख्य प्रभाव होणार नाही व सध्या असलेली वायु प्रदुषण पातळी खालील प्रमाणे आहे.</p> <p>वाहनांच्या उत्सर्जनामुळे या प्रकल्पाचा कुठल्याही प्रकारची उष्णता होती. वाहनातून गॅस उत्सर्जन कमी करण्यासाठी, पुरेशी विस्तृत अंतर्गत रस्ता असलेल्या प्रकल्पात योग्य प्रवेश / निर्गमन प्रस्तावित केला आहे. साइटवर आणि आसपासच्या मूलभूत वातावरणाची हवा गुणवत्ता पाहण्यात आली आहे आणि खालील तक्त्यामध्ये दर्शविली आहे. चूना आधारभूत वातावरणाची हमी योग्य मर्यादित असल्याने, वायूचे एकाग्रतामध्ये परिणामस्वरूप वाढ देखील मर्यादित असेल.</p> <p>२) वायु प्रदुषण कमी करण्याकरिता खालील बाबींची पूर्तता करण्यात आली आहे.</p> <p>a) ३.० मी. उंचीचे Barricading</p> <p>b) धुळीवर पाणी शिंपटणे</p> <p>c) धुळ मास्क घालणे</p> <p>d) चाके धुण्याची सोय बसवणे</p> <p>e) ट्रक्सच्या हीदाला ताडपत्रीने झाकणे.</p> <p>३) वाहतूक नियंत्रण व पार्किंग नकाशा जोडण्यात आला असून त्याचा तपशील खालील प्रमाणे आहे.</p> <p>सदर पार्किंग प्रचलित बांधकाम नियमावलीप्रमाणे आहे व क्षेत्र खालील प्रमाणे आहे.</p> <p>a) रस्ते व driveways - ५५८३ चौ. मी.</p> <p>४) सदर प्रकल्पाकरिता D.G. Set प्रस्तावित असून exhaust pipe C.P.C.B. च्या प्रचलित नियमावली नुसार लावण्यात येतील.</p>
6)	<p>Aesthetics</p> <p>१) सदर प्रकल्पामधील इमारत प्रचलित बांधकाम नियमावलीनुसार प्रस्तावित असल्याने दोन इमारतीमधील अंतर, set back अंतर व इमारत उंचीचा मोठा प्रभाव राहणार नाही व त्याचा तपशील खालीलप्रमाणे आहे.</p> <p>a) जास्तीत जास्त इमारतीची उंची - ४४.९० मी.</p> <p>b) Set back Margin - १२.०० मी.</p> <p>c) दोन इमारतीमधील अंतर - ९.०० मी.</p> <p>d) वळण त्रिज्या - ९ मी.</p> <p>२) अस्तित्वात असलेल्या इमारतीकरिता प्रवेश व प्रस्तावित असलेल्या इमारतीचा प्रवेश वेगळा असेल जेणेकरून रहिवासींना कमी असुविधा होईल.</p> <p>३) सदर प्रकल्पाच्या परिसरात पुरातन शाखत साइट नाही.</p>
७)	<p>Building Materials</p>

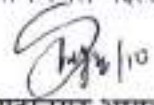
	<p>१) Fly ash Notification, 1999 प्रमाणे Fly ash चा वापर R. C. C. बांधकाम व Plaster साठी प्रस्तावित आहे.</p> <p>२) Reinforcement चा वापर प्रस्तावित आहे.</p> <p>३) Masonite HDF SKIN DOOR Shutter चा वापर प्रस्तावित आहे.</p> <p>४) ceramic and vitrified tile चा वापर प्रस्तावित आहे</p> <p>५) खिडक्यांकरिता Plain Float Glass चा वापर प्रस्तावित आहे.</p>
८)	<p>Solid Waste Management</p> <p>१) घन कचरा नियंत्रणा बाबत खालील बाबींचा समावेश आहे.</p> <p>a) सुका व ओला कचरा वेगवेगळ्या कुंड्यांमध्ये ठेवला जाईल</p> <p>b) सुका कचरा - ११९२ kg / day</p> <p>c) ओला कचरा - १६७६ kg / day</p> <p>(किमान ०.२ kg / person/ day प्रमाणे)</p> <p>एकूण - २८६९ kg / day</p> <p>d) सुका कचरा अधिकृत विक्रेत्याला दिला जाईल</p> <p>e) ओला कचरा १६७६ kg / day क्षमतेच्या Organic Waste Composter मधुन प्रक्रिया करून त्याचा वापर खत म्हणून केला जाईल.</p> <p>f) Solid Waste (Management) Rules, 2016, E- Waste (Management) Rules 2016 & Plastic Waste (Management) Rules, 2016 च्या तरतुदीचे पालन करण्यात येईल.</p>
९)	<p>Energy Conservation</p> <p>१) बीज आवश्यकता</p> <p>a) स्रोत - M.S.E.D.C.L.</p> <p>b) बांधकाम वेळेस - १०० KW</p> <p>c) ऑपरेशन चरण - ६६४८ KW</p> <p>d) D.G. Set - १ nos x ८२.५KVA, २ nos x १२५ KVA</p> <p>e) Transformer - १ nos x ३२० KVA + १ nos x १२५ KVA</p> <p>२) खालील ऊर्जा संरक्षण पद्धतींचा समावेश करण्यात आला आहे .</p> <p>a) सामान्य क्षेत्रामध्ये एकूण २६.२६ KW चे LED दिवे लावण्यात येतील</p> <p>b) गरम पाण्याकरिता एकूण १२००० चे Solar Water Heating system लावण्यात येतील</p> <p>c) ऊर्जा कार्यक्षम असलेले पाण्याचे पंप बसवण्यात येतील.</p> <p>d) जिने, लिफ्ट, पार्किंग भागात Timer बसवण्यात येतील.</p> <p>e) Solar Photovoltaic Generation (Connected load च्या किमान १%) = २० KW बसवण्यात येईल</p> <p>g) खिडकीला बसवण्यात येणाऱ्या काचेचे गुणधर्म खालील प्रमाणे Transmittance - ०.६५ %</p> <p>३) E.C.B.C. नियमांचे पालन करण्यात येईल</p> <p>४) अग्निशमन विभागाने जारी केलेला ना हरकत दाखला प्रमाणे Fire Fighting System बसवण्यात येतील</p>

साधारण पर्यावरणीय अटी व शर्ती

१. विषयांकित प्रकल्पामध्ये State Environmental Impact Assessment Authority कडून Environment Clearance दि.१६/०३/२०१५ रोजी चे पत्र क्र. SEAC/२०११/CR१७८/IC२ अन्वये प्रमाणपत्र प्राप्त केले असून त्यामधील अटी व शर्तीचे काटेकोरपणे पालन करणे प्रकल्पाचे अर्जदार /मालक/ विकासक व वास्तुविशारद/ अभियंता/ स्ट्रक्चरल अभियंता/सुपरवायझर यांचेवर बंधनकारक राहिल. तसेच सदर सुधारीत प्रकल्पामध्ये पर्यावरण अनुमती एकूण (Gross FSI+ Non FSI) बांधकाम क्षेत्र १,४६,१५७.८३ चौ.मी. एवढ्या क्षेत्रासाठी देण्यात आलेली आहे.
२. अर्जदाराने सादर केलेल्या संकल्पनात्मक नकाशात कोणताही फेरबदल केल्यास अर्जदाराने Environment Cell कडे अर्ज सादर करणे बंधनकारक राहिल.
३. नैसर्गिक निचरा व्यवस्थेमध्ये बदल करता येणार नाही व पाणथळ जागेत कोणतेही बांधकाम करता येणार नाही.
४. पाणी कार्यक्षम उपकरणांचा वापर करणे आवश्यक राहिल. किमान १ रिचार्ज प्रति ५०० चौ.मी. बांधकाम क्षेत्रासाठी नियोजित करणे आवश्यक राहिल व पावसाच्या पाण्याचा रिचार्ज उथळ सच्छिद्र पर्यंतच मर्यादीत ठेवावा लागेल. पाणी रिचार्ज करणे शक्य नसल्यास पावसाच्या पाण्याची साठवण टाकी करावी लागेल. तसेच भुजल उपसाकरीता सक्षम अधिकाऱ्याकडून परवानगी घ्यावी लागेल.
५. विकास नियंत्रण नियमावलीनुसार आवश्यक खुल्या जागेत किमान २०% क्षेत्र Grass Pavers किंवा इतर पदपथ वापरून भेदय ठेवणे आवश्यक आहे.
६. ओला व सुक्या कचऱ्याकरीता सदर जागेत स्वतंत्र कंटेनरची सोय करून सुखा कचरा अधिकृत विक्रेत्याला द्यावा लागेल. विघटन होणाऱ्या ओल्या कचऱ्यासाठी गांडूळखत प्रकल्प अर्जदार / विकासक / जमिनमालक यांनी स्वखर्चाने करावयाचा आहे.
७. Solid Waste (Management) Rules, 2016, E- Waste (Management) Rules 2016 & Plastic Waste (Management) Rules 2016 च्या तरतुदीचे पालन करावे लागेल.
८. सांडपाणी यंत्रणे मधून निघणाऱ्या गाळाची विल्हेवाट Central Public Health and Environmental Engineering Organisation (C.P.H.E.E.O.) च्या नियमावली प्रमाणे करावी लागेल.
९. प्रक्रिया केलेल्या सांडपाण्याचा वापर flushing व landscaping साठी करावा लागेल तसेच अतिरीक्त सांडपाण्याची विल्हेवाट Central Pollution Control Board (C.P.C.B.) च्या नियमावलीप्रमाणे करावी लागेल.
१०. Energy Conservation Building Code (E.C.B.C.) च्या तरतुदीचे पालन करावे लागेल व सामान्य क्षेत्रामध्ये L.E.D. दिवे लावावे लागतील.
११. सौर उर्जेवर पाणी तापविण्यासाठीची यंत्रणा अर्जदार / विकासक / जमिनमालक यांनी इमारतीचे वापरापूर्वी स्वखर्चाने करावयाची आहे.
१२. बांधकामातील वेस्टची व्यवस्था व विल्हेवाट लावण्यासाठी लावण्यासाठी Construction and Demolition Waste Rules 2016 चे पालन करावे लागेल व जमिनीवरील मातीचा जास्तीत जास्त पुनर्वापर करावा लागेल.
१३. पर्यावरण अनुकूल असलेले बांधकाम साहित्य वापरावे लागेल.
१४. Fly ash Notification, १९९९ प्रमाणे Fly ash चा वापर R. C. C. , बांधकाम व Plaster साठी करावा लागेल.
१५. धुळ, धुर व इत्यादी वायु प्रदूषण टाळण्याकरिता ३ मी. उंचीचे barricading, ताडपत्री, wheel washing व पाणी शिंपडणे इ. चा वापर लागेल.
१६. D.G. Set चा exhaust pipe C.P.C.B. च्या नियमावलीनुसार करावा लागेल.

१७. सदर जमिनीचे क्षेत्रफळ ५०० चौ.मी. पेक्षा जास्त आहे. त्यामुळे प्रत्येक ८० चौ.मी. क्षेत्रासाठी एक झाड याप्रमाणे वृक्ष लागवड करणे व त्यांची जोपासना करणे अर्जदार / विकासक / जमिनमालक यांचेवर बंधनकारक राहिल तसेच झाडे तोडल्यास प्रति झाडाच्या बदल्यात ३ लावणे बंधनकारक राहिल.
१८. बांधकाम कामगारांकरीता पिण्याचे पाणी व स्वच्छता विषयक सुविधा देणे बंधनकारक राहिल.
१९. पर्यावरणाच्या नियमांचे उल्लंघन केल्यास Environment (Protection) Act १९८६ च्या कलमान्वये अर्जदार यांचेवर कायदेशीर कारवाई केली जाईल.
२०. केंद्र शासनाच्या पर्यावरण विभागाकडील दि.९ डिसेंबर २०१६ रोजीचे Notificaton No. ५०.३९९९(E) व दि. १३/४/२०१७ रोजीच्या शासन अधिसूचना TPS-१८१६/CR-४४३/१६-DP Directors/ UD-१३ अधिसूचन मधील अटी व शर्तीचे व अर्जदार यांनी सादर केलेल्या Form १A व Consolidated Statement च्या अर्जातील तरतूदीचे पालन करणे व या तरतूदीच्या पूर्ततेबाबत अहवाल Qualified Building Environment Auditor मार्फत दर ५ वर्षांनी सादर करणे अर्जदार यांचेवर बंधनकारक राहिल.
२१. अर्जदाराने पर्यावरण पायाभूत सुविधा बाबतचा अहवाल व Qualified Building Environment Auditor तर्फे कार्यपूर्तीबाबत प्रमाणपत्र भोगवटा प्रमाणपत्र घेणेपूर्वी सादर करणे बंधनकारक राहिल. वरील नमूद केलेल्या अटी व शर्तीची पूर्तता झाल्यानंतर भोगवटा प्रमाणपत्र देण्यात येईल.
२२. प्रस्तावातील इमारतीखालील व इतर विकसनशील जमिनीवरील २० सें.मी पर्यंत मातीच्या वरच्या थराचे जतन करून योग्य टिकाणी साठा करून प्रस्तावातील झाडांच्या वृक्षारोपणासाठी वापरणे बंधनकारक राहिल.
२३. सार्वजनिक, खासगी, यांत्रान्वित, पादचारी व इतर वाहतुकीच्या नियोजनासाठी सर्व समावेशक गतिशीलता आराखडा तयार करून Ministry of Urban Development (MoUD) आणि Urban and Regional Development Plans Formulation and Implementation (URDPFI) च्या मार्गदर्शक तत्वांचे पालन करणे बंधनकारक राहिल.
२४. पर्यावरणीय अटीच्या पूर्ततेसाठी व अंमलबजावणी साठी पर्यावरणीय व्यवस्थापन आराखडा (Environment Management Plan) तयार करणे बंधनकारक राहिल. पर्यावरण पायाभूत सुविधेच्या देखभाल दुरुस्तीकरिता Environment Monitoring Cell ची स्थापना करावी लागेल ज्यामध्ये सहकारी गृहनिर्माण संस्थेचे पदाधिकारी असतील जेणेकरून प्रस्तावित सुविधेची कायमस्वरूपी देखभाल दुरुस्ती करण्यात येईल.
२५. वरील अटी व शर्तीच्या व्यतिरिक्त Water (Prevention and Control of Pollution) Act १९७४, the Air (Prevention of Pollution) Act १९८१, the environment (Protection) Act १९८६ व त्या अंतर्गत असलेल्या सर्व नियम, Hazardous wastes public liability Insurance Act, १९९१ व त्या अंतर्गत amendment च्या तरतूदीचे पालन करणे बंधनकारक राहिल.
२६. सदर प्रकरणी रक्कम रु. ५,००,०००/- छाननी फी पर्यावरण अनुमतीसाठी भरण्यात आलेली असून प्राधिकरणाच्या टरावात या फी मध्ये बदल झाल्यास सदर रक्कम प्राधिकरणाकडे जमा करणे अर्जदार यांचेवर बंधनकारक राहिल.
२७. अर्जदार यांनी सादर केलेली कोणतीही माहिती अथवा कागदपत्रे ही चूकीची / दिशाभूल करणारी आढळल्यास प्रस्तुतची विकास परवानगी व प्रारंभ प्रमाणपत्र रद्द समजणेत येईल.

मा. महानगर आयुक्त तथा मुख्य कार्यकारी अधिकारी यांचे मान्यतेने


 महानगर आयुक्त
 तथा
 मुख्य कार्यकारी अधिकारी,
 पुणे महानगर प्रदेश विकास प्राधिकरण,
 पुणे यांचे करिता.

N. A. ORDER IS PREVIOUSLY OBTAINED
NA ORDER NO. PRHNASR/355/2014 DATED: 13/03/2015

Approved as amended in
subject to conditions mentioned in Annexure 'A'
of letter No. 51/P.C. 7. to 23/07/2014 dated 31/07/2014
S. No. G. No. 173 No. 22 of 92 of
Dated 01/02/2015

Metropolitan Commissioner and
Chief Executive Officer
Pune Metropolitan Regional Development Authority, Pune.



PLOT AREA CALCULATION

S. NO. 12/1/4, 12/1/2/3, 12/1/2, 12/1/3, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1

08) 0.50 x (83.62+48.02) x 18.94 = 1246.63 SQ.M.
09) 0.50 x 40.05 x 112.00 = 2242.80 SQ.M.
10) 0.50 x 29.17 x 71.90 = 1048.66 SQ.M.
11) 0.50 x (11.89+11.89) x 24.59 = 292.38 SQ.M.
12) 0.50 x 87.70 x 215.90 = 9467.21 SQ.M.
13) 0.50 x 99.00 x 215.90 = 10687.50 SQ.M.
14) 0.50 x 184.30 x 97.50 = 8984.62 SQ.M.
15) 0.50 x 262.00 x 49.50 = 6484.50 SQ.M.
16) 0.50 x 262.00 x 08.00 = 1048.00 SQ.M.
17) 0.50 x 298.00 x 118.50 = 17656.5 SQ.M.
18) 0.50 x 135.70 x 58.75 = 3986.18 SQ.M.

TOTAL = 63144.98 SQ.M.

AREA STATEMENT

S.NO./HISSA NO	AS PER 7/12 & POA	AS PER D'CATION
12/1/4	3500.00	4538.09
12/1/2/3	1800.00	
12/1/2	1800.00	
12/1/3	2600.00	
12/2	11700.00	
12/8	1200.00	
12/3A	10400.00	
12/4	11800.00	
12/5A/1	8700.00	58606.89
12/6/1	1700.00	
12/12/1	6900.00	
12/7	1200.00	
12/3B	300.00	
12/5B	500.00	
TOTAL AREA	63100.00	63144.98

OPEN SPACE AREA CALC. :-

OPEN SPACE 1:-
A) 0.50 x (23.00+25.00) x 55.03 = 1320.72 SQ.M

OPEN SPACE 2:-
A) 0.50 x (22.06+22.45) x 50.95 = 1133.89
B) 0.50 x 29.85 x 3.91 = 58.36
C) 2/3 x 6.49 x 1.38 = 5.97
TOTAL = 1198.19 SQ.M

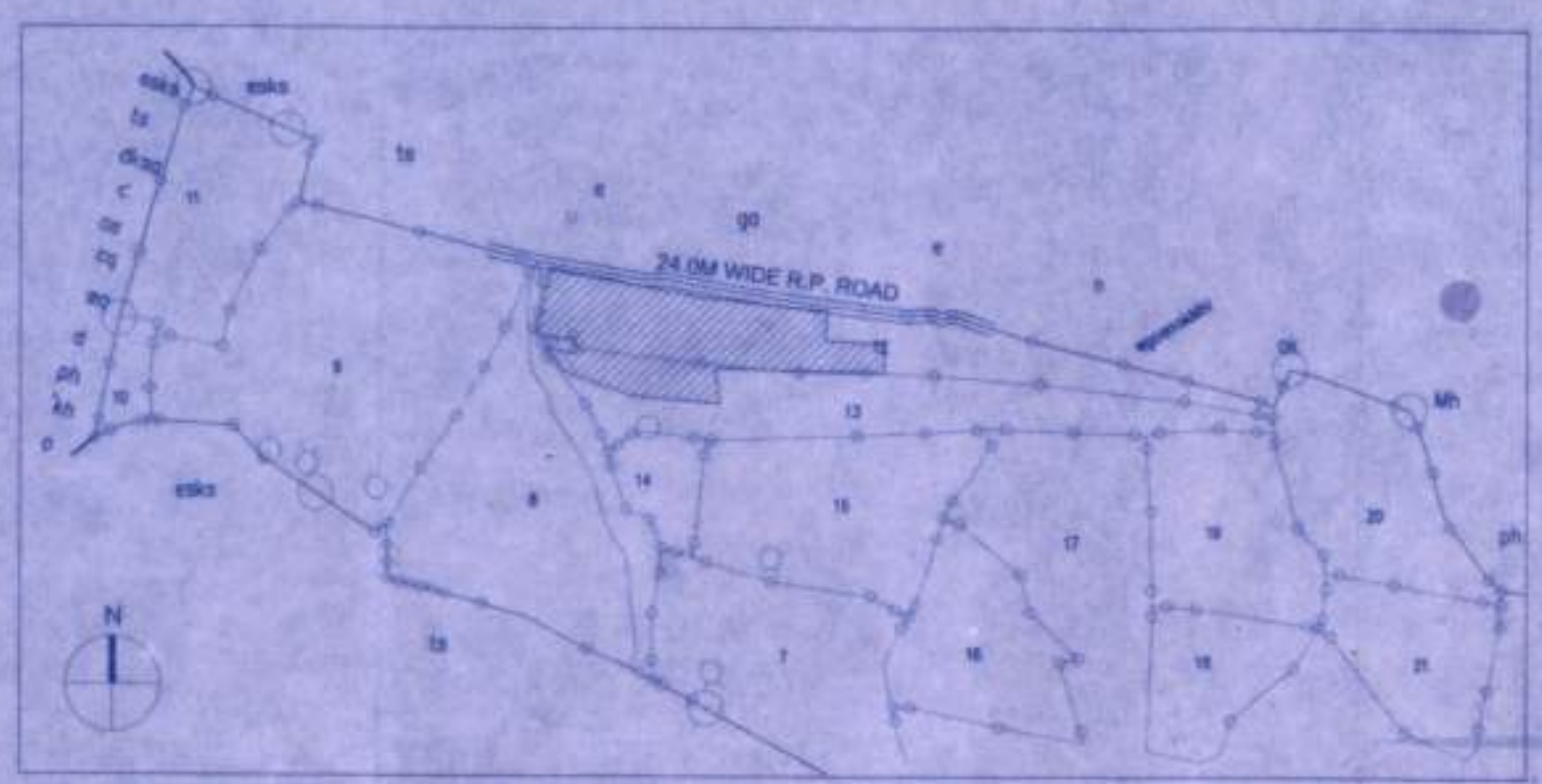
OPEN SPACE 3:-
A) 0.50 x (29.44+31.43) x 64.76 = 1970.97 SQ.M

OPEN SPACE 4:-
A) 0.50 x (13.01+14.29) x 31.19 = 425.74 SQ.M

OPEN SPACE 5:-
A) 0.50 x (15.22+17.05) x 42.04 = 678.32 SQ.M

OPEN SPACE 6:-
A) 0.50 x (27.86+22.74) x 67.20 = 1700.01 SQ.M
B) 0.50 x (8.00+7.65) x 22.25 = 174.02 SQ.M
TOTAL = 1874.03 SQ.M

TOTAL OPEN SPACE = 1 + 2 + 3 + 4 + 5 + 6 = 7467.97 SQ.M (7467.20 PERMISSIBLE)



AREA STATEMENT

S.NO./HISSA NO	AS PER 7/12 & POA	AS PER D'CATION
13/1/2/1	15500.00	15000.64
TOTAL AREA	15500.00	15500.64



PLOT BEFORE AMALGAMATION
S. NO. 12/1/4, 12/1/2/3, 12/1/2, 12/1/3, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1



AREA STATEMENT AFTER AMALGAMATION

S.NO./HISSA NO	AS PER 7/12 & POA	AS PER D'CATION
13/1/2/1	15500.00	15500.64
12/1/4	3500.00	4538.09
12/1/2/3	1000.00	
12/1/2	1800.00	
12/1/3	2600.00	
12/2	11700.00	
12/8	1200.00	
12/3A	10400.00	
12/4	11800.00	
12/5A/1	8700.00	58606.89
12/6/1	1700.00	
12/12/1	6900.00	
12/7	1200.00	
12/3B	300.00	
12/5B	500.00	
TOTAL AREA	78600.00	78645.62

PLOT AREA CALCULATION

14+2) 0.50 x (56.18+58.39) x 158.00 = 9051.03 SQ.M.
3+4) 0.50 x (46.89+05.78) x 126.50 = 3331.37 SQ.M.
05) 0.50 x 121.85 x 30.21 = 1840.54 SQ.M.
06) 0.50 x 40.52 x 23.02 = 0466.38 SQ.M.
07) 0.50 x 47.95 x 33.84 = 0811.32 SQ.M.
08) 0.50 x (83.62+48.02) x 18.94 = 1246.63 SQ.M.
09) 0.50 x 40.05 x 112.00 = 2242.80 SQ.M.
10) 0.50 x 29.17 x 71.90 = 1048.66 SQ.M.
11) 0.50 x (11.89+11.89) x 24.59 = 292.38 SQ.M.
12) 0.50 x 87.70 x 215.90 = 9467.21 SQ.M.
13) 0.50 x 99.00 x 215.90 = 10687.50 SQ.M.
14) 0.50 x 184.30 x 97.50 = 8984.62 SQ.M.
15) 0.50 x 262.00 x 49.50 = 6484.50 SQ.M.
16) 0.50 x 262.00 x 08.00 = 1048.00 SQ.M.
17) 0.50 x 298.00 x 118.50 = 17656.5 SQ.M.
18) 0.50 x 135.70 x 58.75 = 3986.18 SQ.M.

TOTAL = 78645.62 SQ.M

F.S.I. STATEMENT OF EXISTING BUILDINGS

WING	EXIST. AREA	TENE. NO.
B1	1085.92	6
B2	1085.92	6
B3	1085.92	6
B4	1085.92	6
C1	904.24	5
C2	904.24	5
C3	904.24	5
D1	359.20	2
D2	540.88	3
TOTAL	7956.48	44

AREA UNDER 24.0M WIDE R.P. ROAD :-
0.50 x (7.97+8.00) x 222.75 = 1778.65 SQ.M
0.50 x (7.95+8.00) x 259.12 = 2066.48 SQ.M
TOTAL = 3845.13 SQ.M

AREA UNDER VILLAGE ROAD WIDENING :-
0.50 x (1.44+1.45) x 49.56 = 71.61 SQ.M
0.50 x 3.35 x 6.71 = 11.23 SQ.M
TOTAL = 82.84 SQ.M

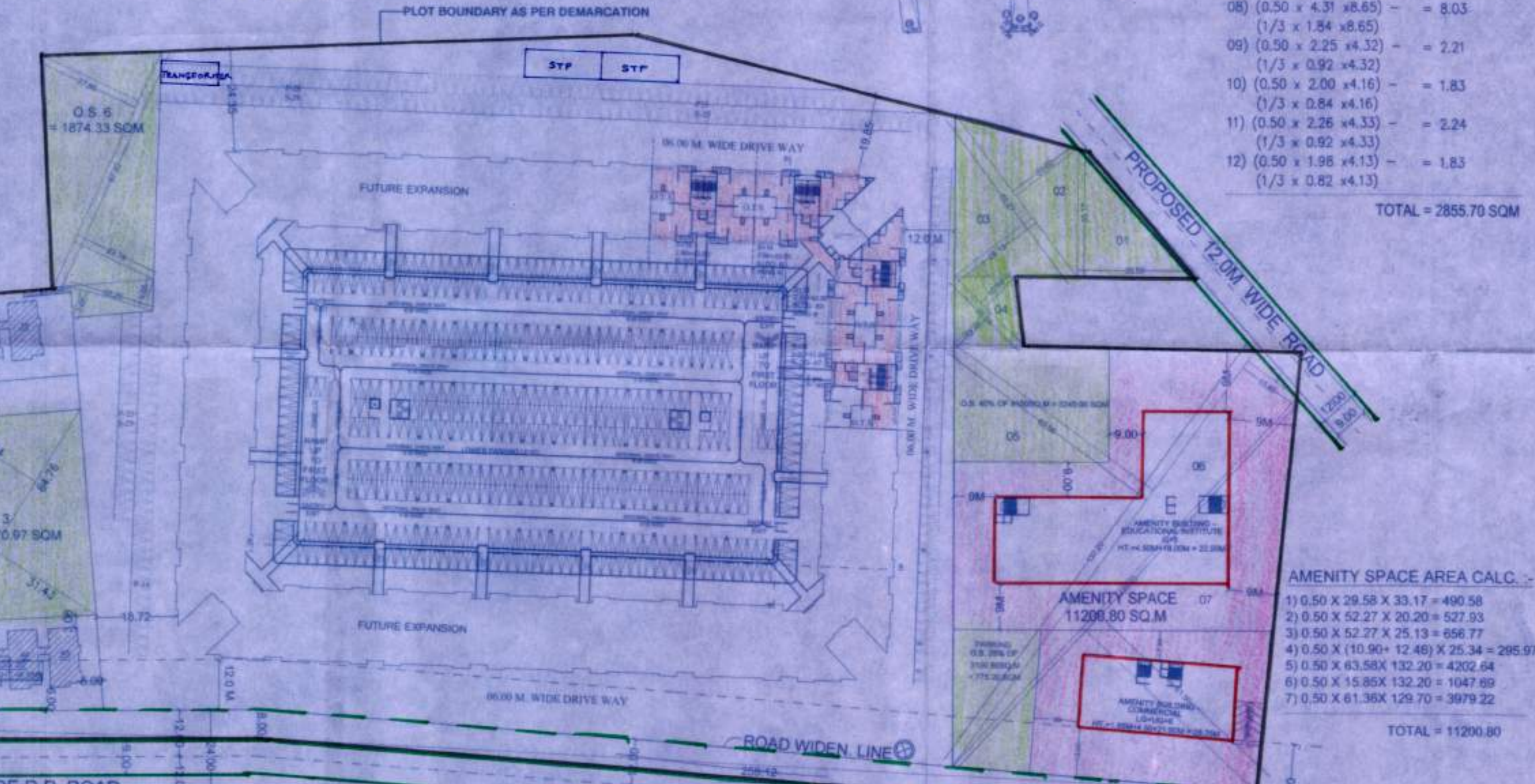
INTERNAL ROAD AREA CALC. :-

01) 0.50 x 9.01 x 178.68 = 804.95
02) 0.50 x 8.88 x 178.68 = 802.27
03) 0.50 x 8.88 x 70.90 = 314.80
04) 0.50 x 8.97 x 70.90 = 317.99
05) 0.50 x 8.97 x 67.05 = 300.72
06) 0.50 x 8.78 x 67.05 = 294.35
07) (0.50 x 3.12 x 6.24) = 4.49
(1/3 x 1.26 x 6.24) = 2.52
08) (0.50 x 4.31 x 8.65) = 8.03
(1/3 x 1.84 x 8.65) = 5.21
09) (0.50 x 2.25 x 4.32) = 4.73
(1/3 x 0.92 x 4.32) = 1.31
10) (0.50 x 2.00 x 4.16) = 4.16
(1/3 x 0.84 x 4.16) = 1.17
11) (0.50 x 2.26 x 4.33) = 4.88
(1/3 x 0.92 x 4.33) = 1.27
12) (0.50 x 1.98 x 4.13) = 4.06
(1/3 x 0.82 x 4.13) = 1.10

TOTAL = 2855.70 SQ.M



TOTAL AREA UNDER PROPOSAL AS PER D'CATION = 78645.62 SQ.M
TOTAL AREA UNDER PROPOSAL AS PER P.O.A. DOCUMENT = 78600.00 SQ.M



AMENITY SPACE AREA CALC. :-

1) 0.50 x 29.58 x 33.17 = 490.58
2) 0.50 x 52.27 x 20.20 = 527.93
3) 0.50 x 52.27 x 25.13 = 656.77
4) 0.50 x (10.90+12.48) x 25.34 = 285.97
5) 0.50 x 63.88 x 132.20 = 4202.64
6) 0.50 x 15.86 x 132.20 = 1047.89
7) 0.50 x 61.35 x 129.70 = 3979.22

TOTAL = 11208.80

AS PER NEW RULE

A. NO	AREA STATEMENTS	AREA IN SQ. M.
1	Area of plot	78600.00
2	Deductions for	
a)	Road Acquisition Area	3627.97
b)	Proposed road	0.00
c)	Any Reservation	0.00
	Total (a+b+c)	3627.97
3	Gross area of plot (1-2)	74972.03
4	Deductions for Amenity space if any	11208.80
5	Net Area of Plot = 90% (3-4)	57124.10
6	Addition of area for F.S.I. if any	
a)	Road Acquisition Area	0.00
b)	Proposed road	0.00
c)	Any Reservation	0.00
1	Nallah	0.00
2	Common Well	0.00
	Total (a+b+c)	0.00
7	Total Area (5+6)	57124.10
8	a) Normal F.S.I. Permissible (5 X 1.2)	68548.92
	b) F.S.I. Permissible with payment of premium (5X 0.20)	11424.82
9	Total Permissible Built-up Area (8a+8b)	79973.74
10	Maximum Permissible Built-up Area = I.e. (9)	79973.74
11	EXISTING F.S.I. AREA	7556.58
12	NEW PROPOSED F.S.I. AREA	16401.70
13	TOTAL EXISTING & PROPOSED F.S.I. AREA	24358.28
14	BALANCE F.S.I. AREA	55615.46

BRIEF SPECIFICATIONS

FOUNDATION UP TO HARD STRATA
R.C.C. FRAMED STRUCTURE IN M-20
EXTERNAL WALLS IN 0.15% SW. INTERNAL WALLS 0.10% SW.
EXTERNAL SAND FACED PLASTER, INTERNAL NEERU FINISHED
MARBLE MOZAIK FLOORING
T.W. DOORS AND M.S. WINDOWS

SCHEDULE OF OPENINGS

DOORS
D-0.90X2.10 FD-1.24X2.10 W-1.80X1.22 W2-1.24X1.22
D1-0.75X2.10 FD1-1.52X2.10 W1-0.90X1.22
S.D-1.80X2.10 OP-0.90X2.10 W-0.80X0.90

LEGEND

PLOT LINE SHOWN - BLACK
PROPOSED WORK SHOWN - RED
DRAINAGE LINE SHOWN - RED DOTTED
WATER LINE SHOWN - BLACK DOTTED
EXISTING TO BE RETAINED - HATCHED BLUE
EXISTING TO BE DEMOLISHED - HATCHED YELLOW

OWNER'S NAME, ADDRESS, SIGNATURE

MR. KEVALKUMAR K. JAIN (P.A.H.)
MR. ARVIND C. KERING (P.A.H.)
ADD-1ST FLOOR, KUMAR CAPITAL, 2413, EAST STREET, CAMP, PUNE-411001

PROPOSED LAYOUT AND RESI.GROUP HOUSING SCHEME
ON S. NO. 12/1/4, 12/1/2/3, 12/1/2, 12/1/3, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 13/1/2/1
AT VILLAGE UNDRI, TALUKA HAVELI, DISTRICT PUNE.

ARCHITECT
JAGADISH P. DESHPANDE
ARCHITECTS-TOWN PLANNERS-INTERIOR DESIGNERS
A-1, SUCCESS CHAMBERS, 1232 APTE ROAD,
DECCAN GYMNASIA, PUNE 411004
PH. NO. 28532182, 28531411.
JAGADISH P. DESHPANDE
E-MAIL: JPD@JPD.COM
FAX. NO. 020-28532325

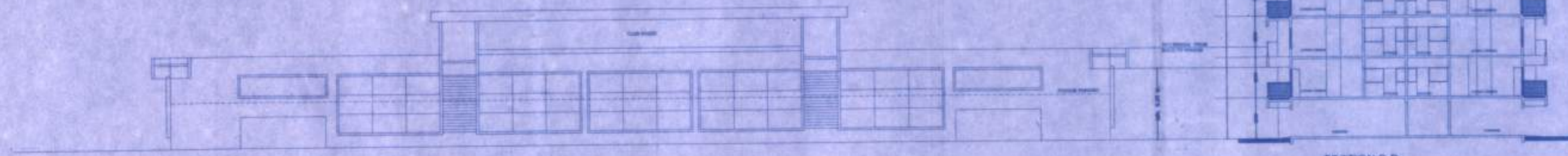
DATE 20/10/2016
DEALT BY AMOL
REVISD BY AMOL
CHECKED BY DIP
SCALE 1:1000

N.A. ORDER IS PREVIOUSLY OBTAINED
NA ORDER NO. PRH/NASR/365/2014 DATED: 13/03/2015

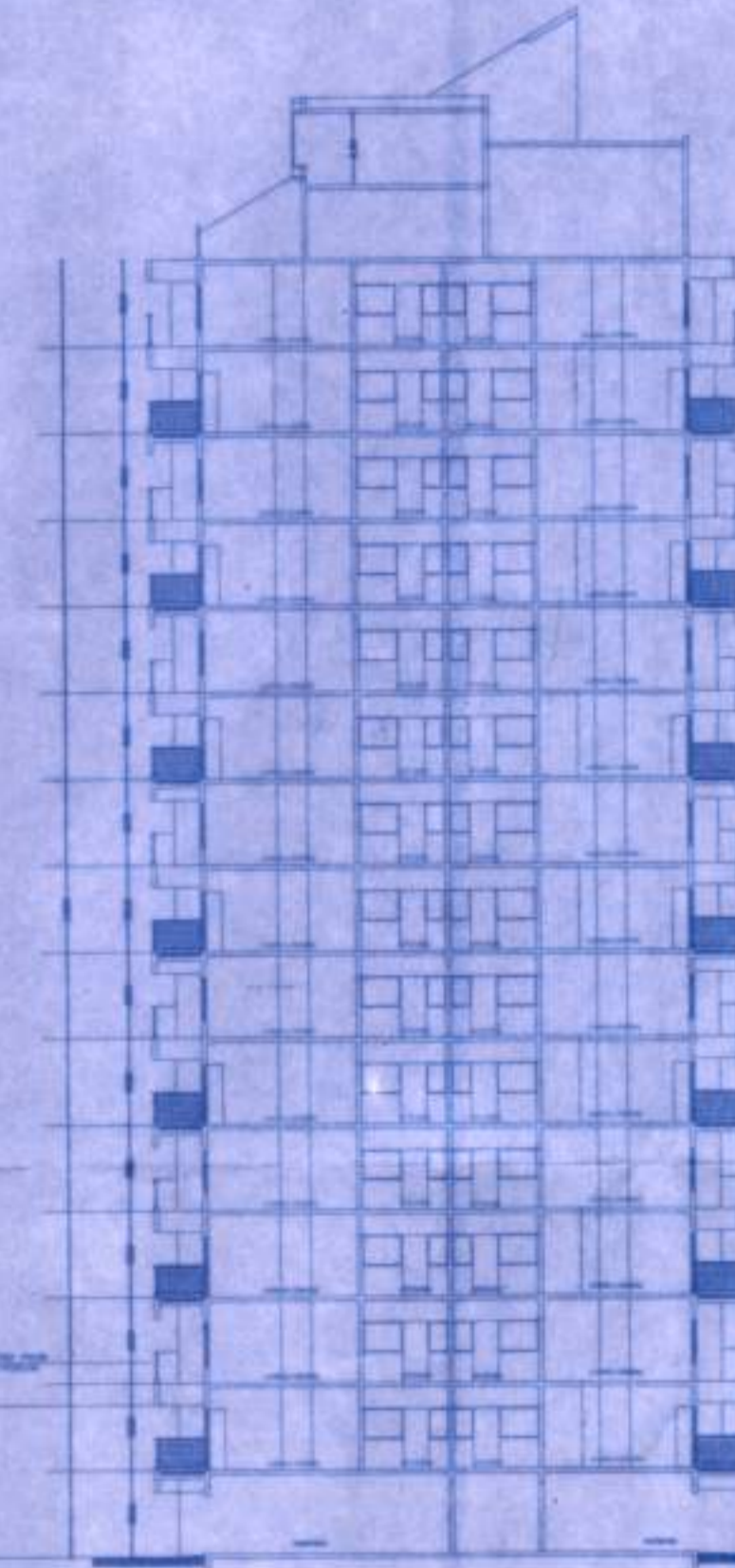
Approved as amended in
subject to conditions mentioned in Annexure 'A'
of letter No. P.H.C.S. No. 54/19/2014 dated 15/01/2014
S. No. 10, No. 15/15 No. 52 A, 52 B
Dated 01/02/2010
Metropolitan Commissioner and
Chief Executive Officer
Pune Metropolitan Regional Development Authority, Pune.



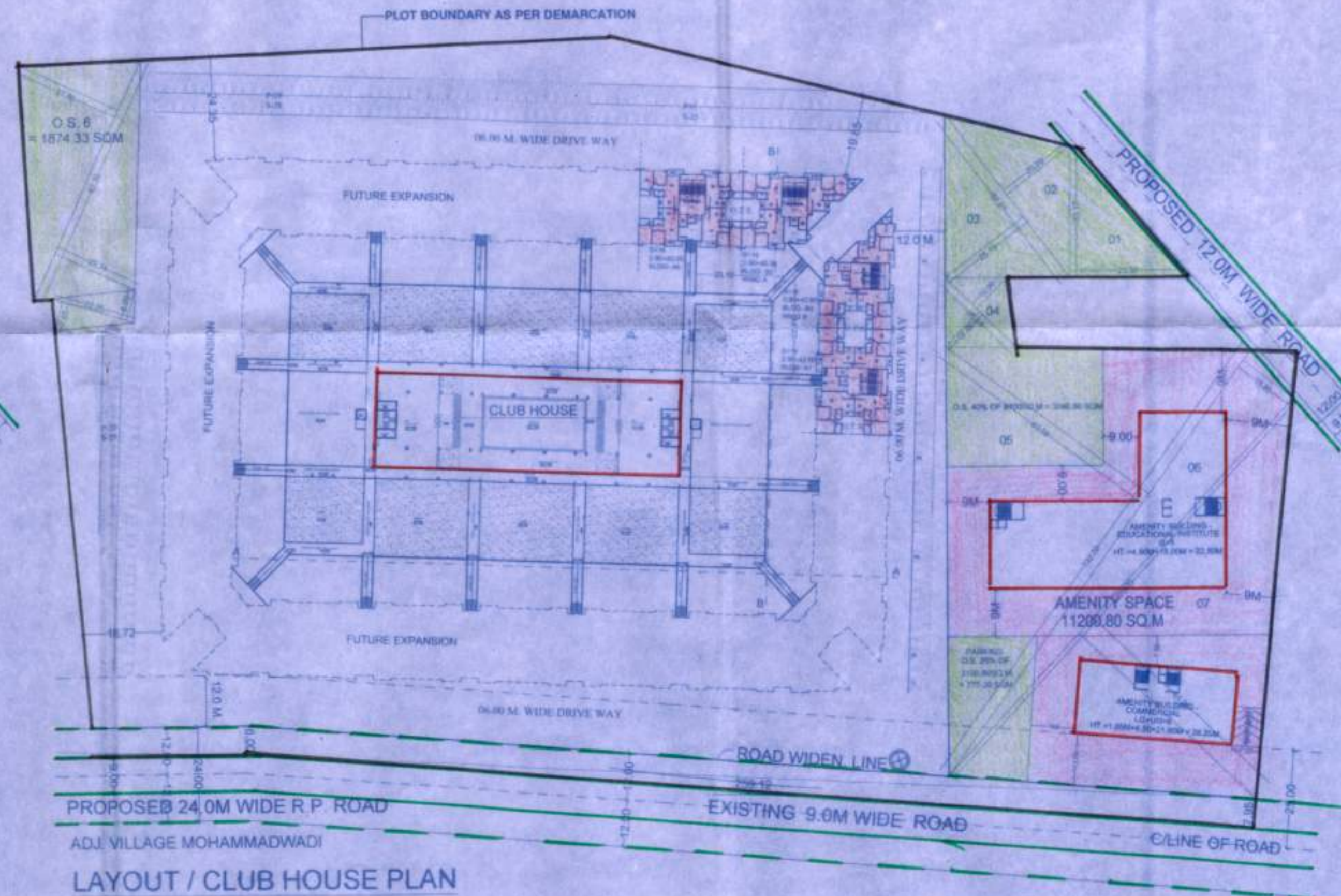
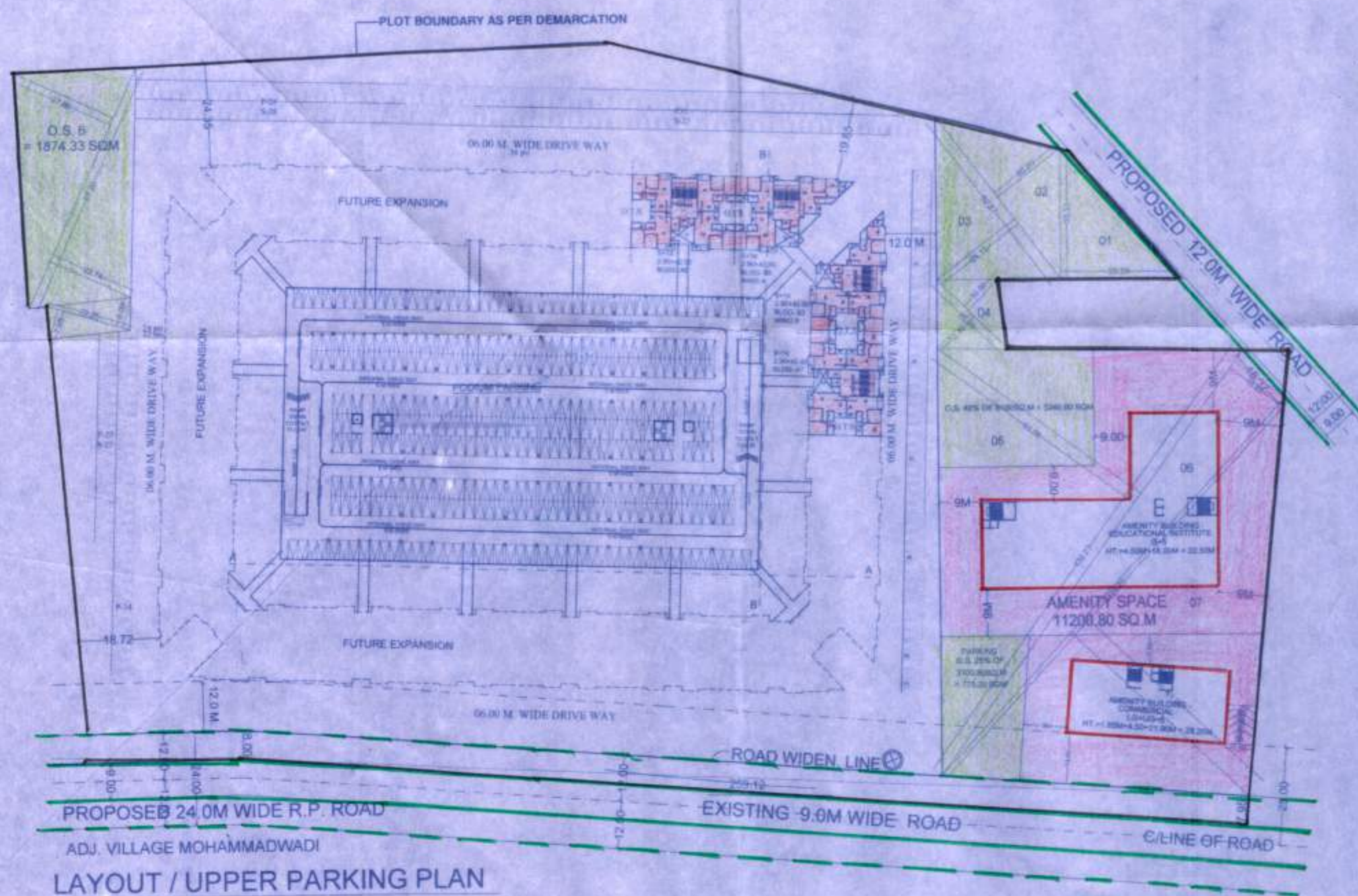
PARKING STATEMENT	CAR	SCOOTER	CYCLE
TENEMENT BETWEEN 50-100 SQ.M (FOR 3 TENEMENTS)	01	03	03
TOTAL PARKING REQUIRED FOR 1002 TENEMENTS	334	1002	1002
COMMERCIAL FOR EVERY 100 SQ.M (1:3.3) = 1592.48 SQ.M	16	48	48
SUB-TOTAL	350	1050	1050
50% ADDITION FOR METROPOLITAN CITY	175	525	525
TOTAL PARKING REQUIRED	525	1575	1575
TOTAL PARKING PROVIDED	525	1575	1575
AREA REQD. PER PARKING	12.80	2.00	1.40
AREA PROVIDED FOR PARKING	6562.50	3150.00	2205.00
TOTAL PARKING AREA		11917.50	



SECTION B-B
SCALE=1:250



SECTION A-A
SCALE=1:250



NORTH

OWNER'S NAME, ADDRESS, SIGNATURE

MR. KEVALKUMAR K. JAIN (P.A.H.)
Signature

MR. ARVIND C. KERING (P.A.H.)
ADD-1ST FLOOR, KUMAR CAPITAL, 24/3, EAST STREET, CAMP, PUNE-411001

PROJECT -

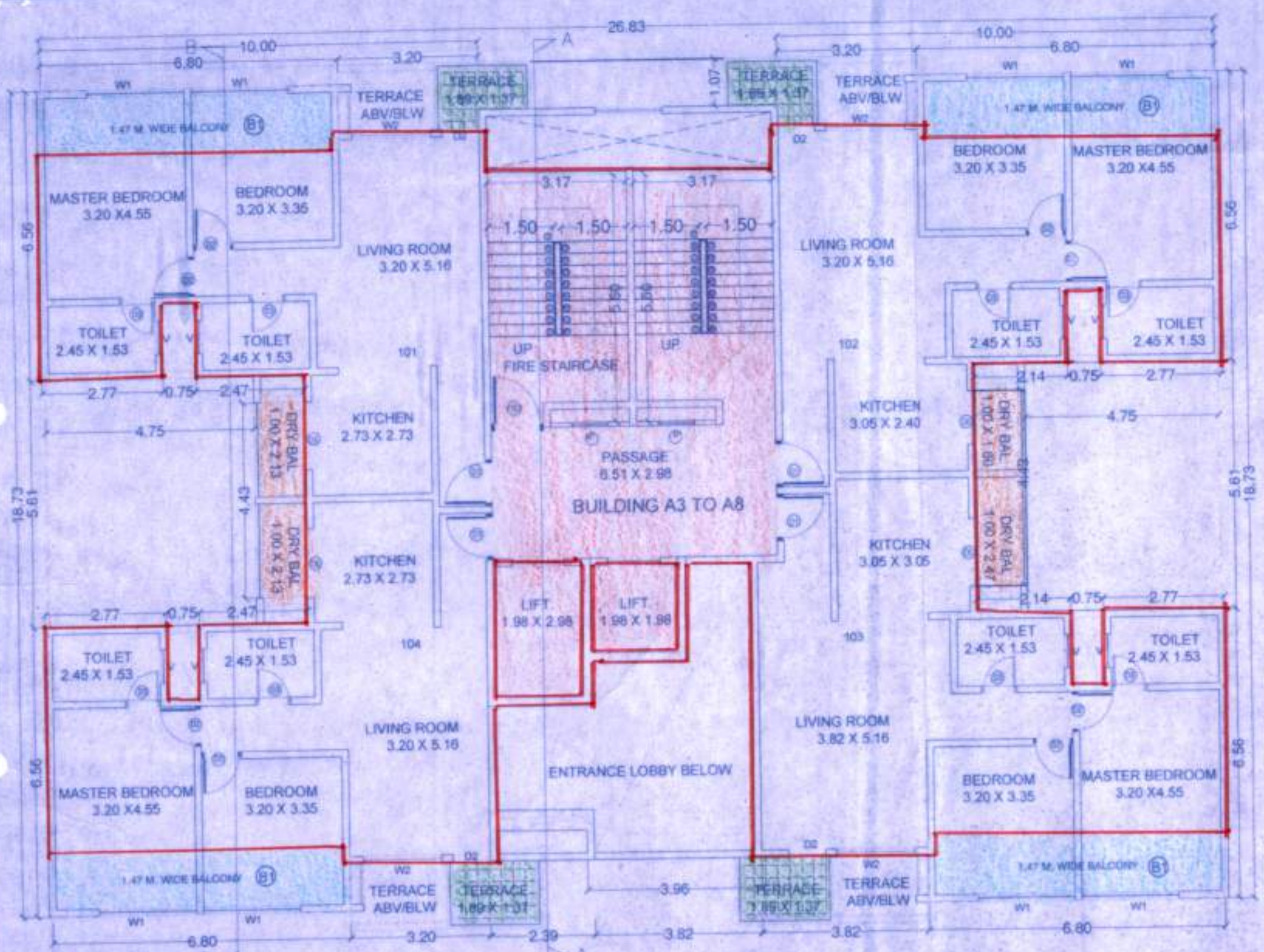
PROPOSED LAYOUT AND RESIDUAL GROUP HOUSING SCHEME
ON S. NO. 12/1/4, 12/1/2/3, 12/1/2, 12/1/3, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 13/1/2/1
AT VILLAGE UNDRI, TALUKA HAVELI, DISTRICT PUNE.

ARCHITECT -

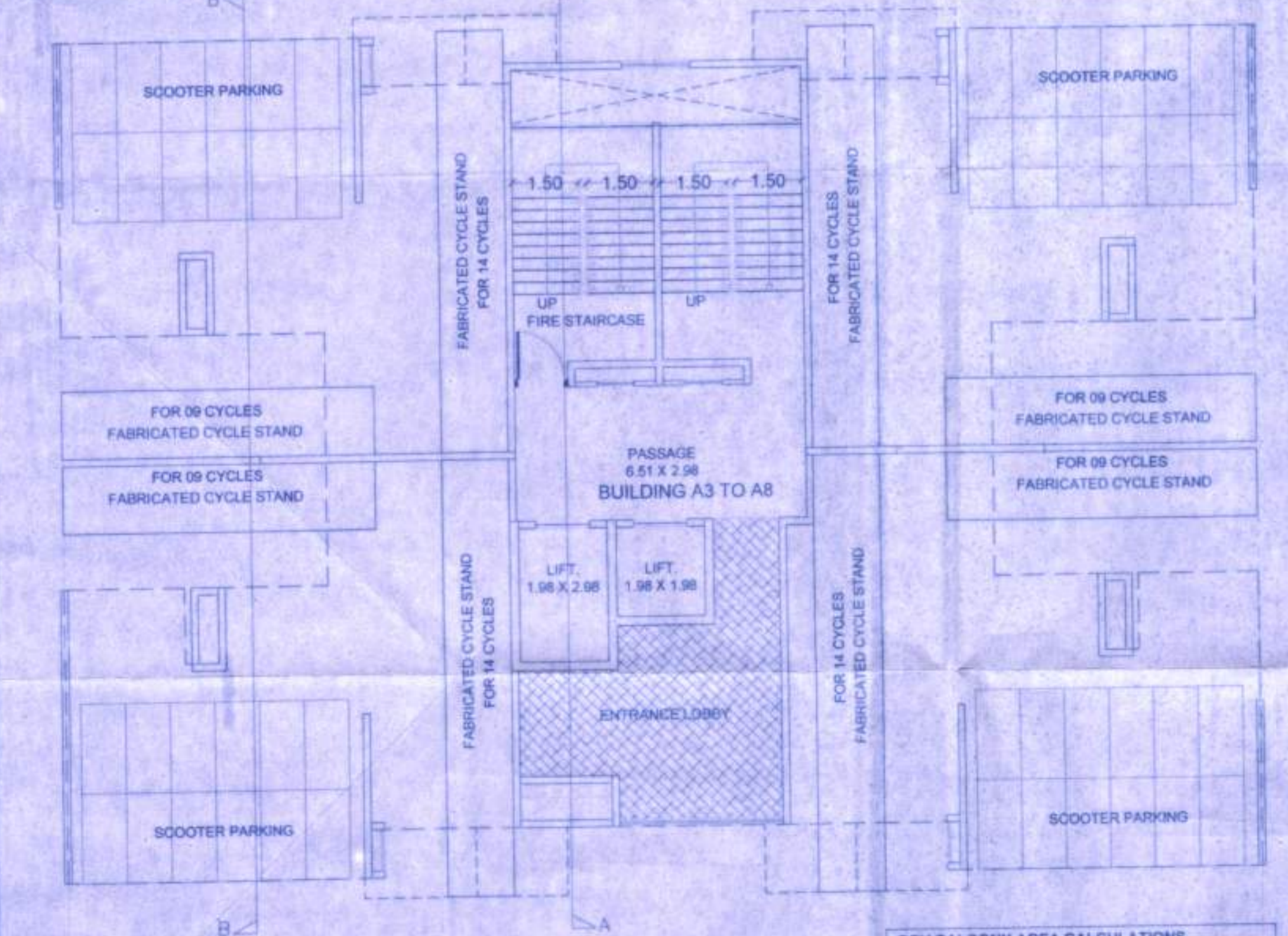
JAGADISH P. DESHPANDE
ARCHITECTS-TOWN PLANNERS-INTERIOR DESIGNERS
A-1, SUCCESS CHAMBERS, 1232 APTE ROAD,
DECCAN GYMKHANA, PUNE 411004.
PH. NO. 25532162, 25531141,
FAX. NO. 25525532325

DATE	DEALT BY	REVIEWED BY	CHECKED BY	SCALE
20/10/2016	AMCL	AMCL	CP	1:1000

©. Various preparation (unit) (p. no. 12/1/3/4/5/6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000



1ST FLOOR PLAN
SCALE= 1:100



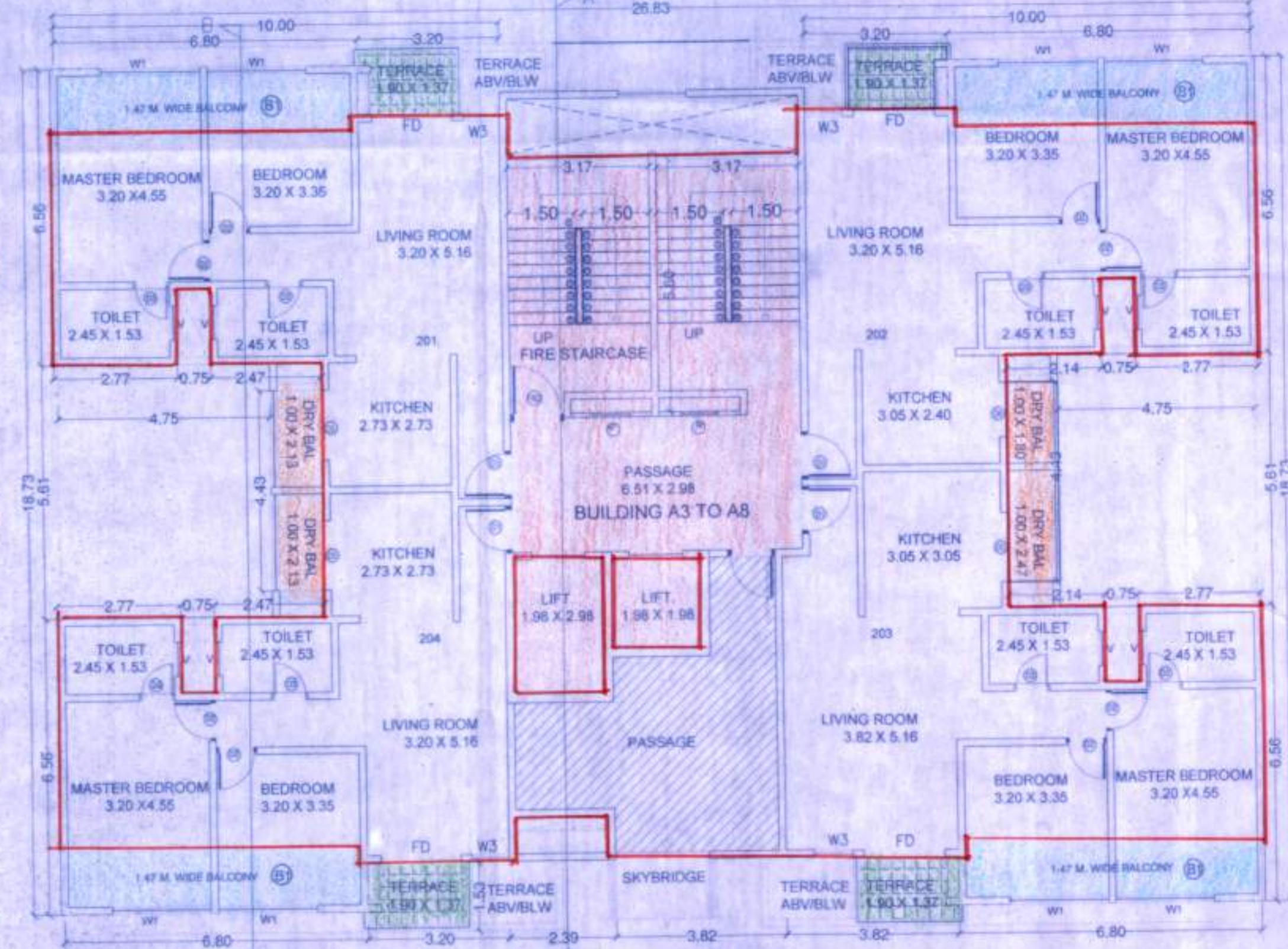
STILT FLOOR PLAN
SCALE= 1:100

DRY BALCONY AREA CALCULATIONS

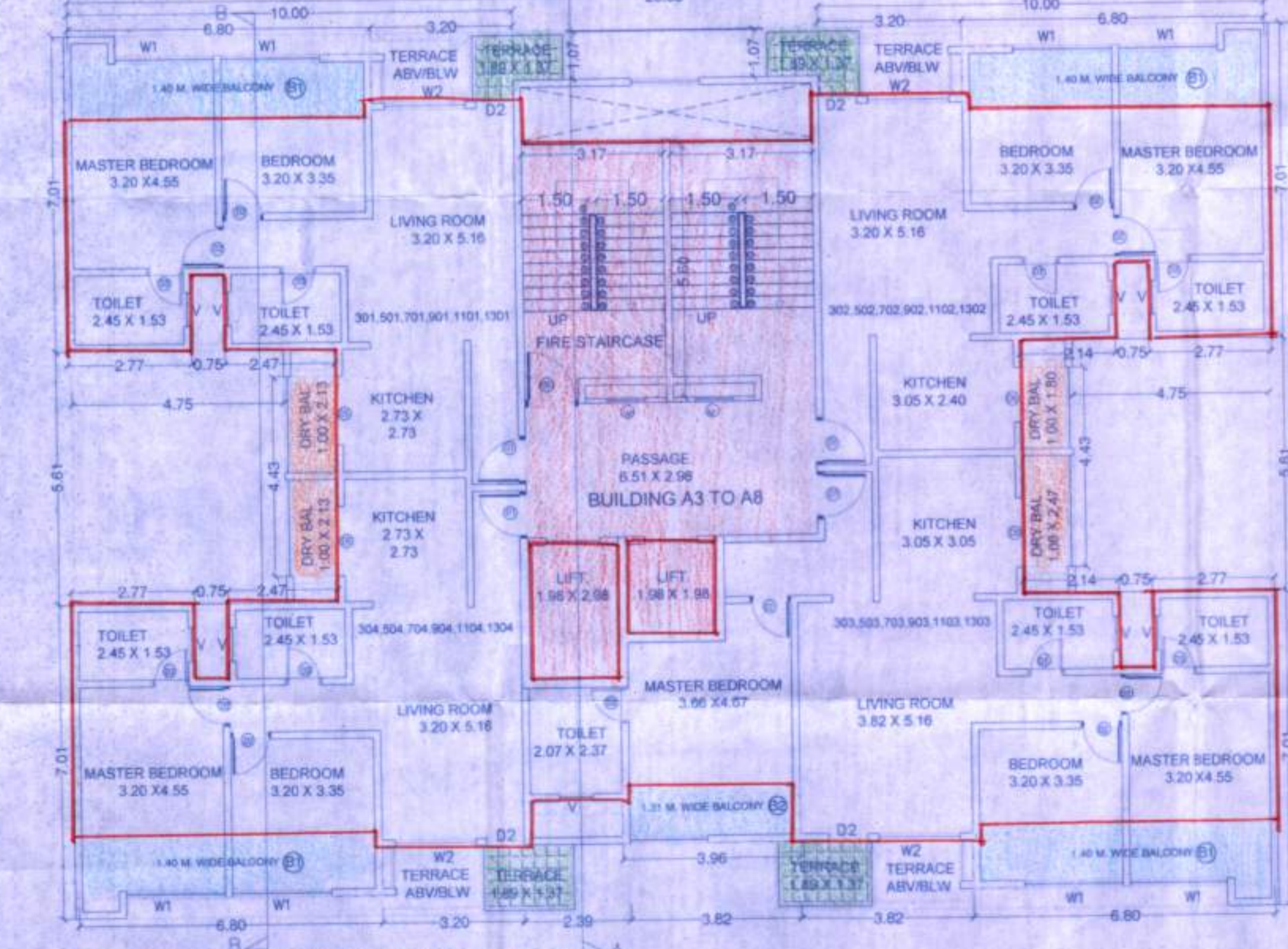
1) 4.430 X 1.15 X 2	=	10.19
TOTAL		10.19

BALCONY CALCULATION OF 1ST FLOOR
PERMISSIBLE BAL = 15% OF NET BUILT UP

286.51 X 15%	=	39.98
A1 6.80 X 1.47 X 4	=	39.98
TOTAL BALCONY PROVIDED	=	39.98



2ND FLOOR PLAN
SCALE= 1:100



3RD, 5TH, 7TH, 9TH, 11TH, 13TH FLOOR PLAN
SCALE= 1:100

BALCONY CALCULATION OF 2ND FLOOR
PERMISSIBLE BAL = 15% OF NET BUILT UP

287.58 X 15%	=	40.14
A1 6.80 X 1.47 X 4	=	39.98
TOTAL BALCONY PROVIDED	=	39.98

BALCONY CALCULATION OF TYPICAL FLOOR
PERMISSIBLE BAL = 15% OF NET BUILT UP

286.61 X 15%	=	43.29
A1 6.80 X 1.40 X 4	=	38.08
A2 3.96 X 1.31 X 1	=	5.19
TOTAL BALCONY PROVIDED	=	43.27

BALCONY CALCULATION OF REFUSE FLOOR
PERMISSIBLE BAL = 15% OF NET BUILT UP

266.51 X 15%	=	39.98
A1 6.80 X 1.47 X 4	=	39.98
TOTAL BALCONY PROVIDED	=	39.98

REFUSE AREA CALCULATIONS 8TH & 12TH FLOOR

R1	1	X	3.86	X	4.33	=	15.85
TOTAL AREA (IN Sq.m)							15.85

SCHEDULE OF OPENINGS

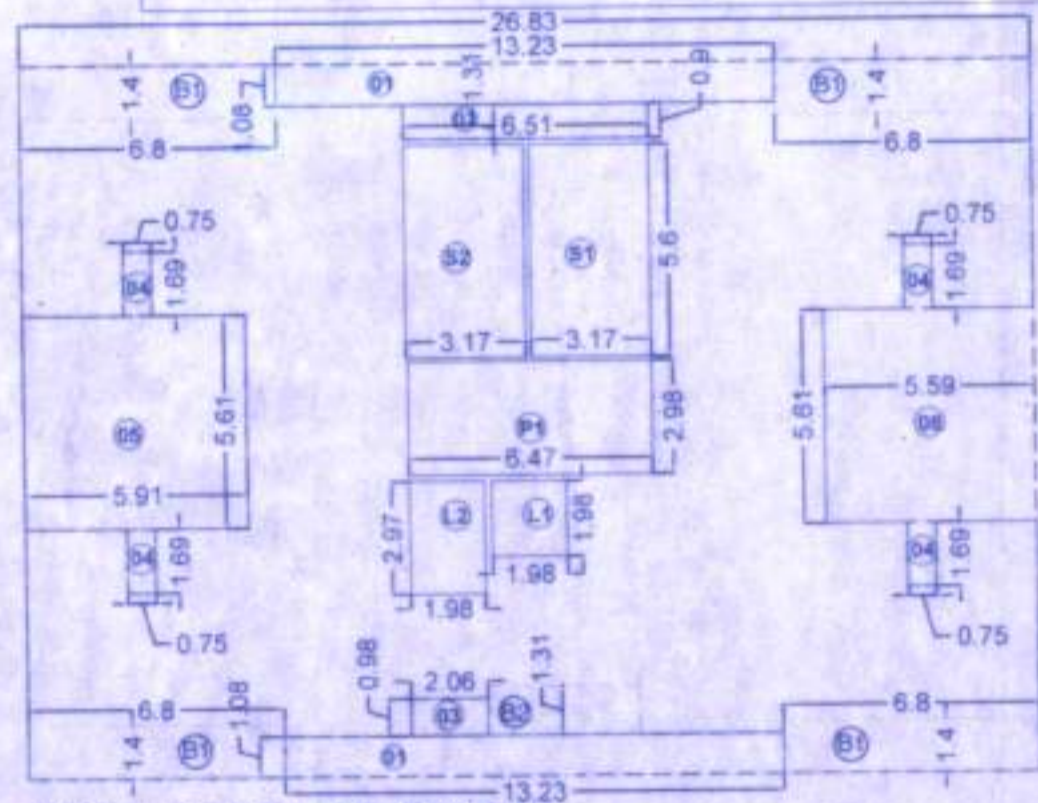
DOORS -
D1 = 1.05 X 2.10
D2 = 0.91 X 2.10
D3 = 0.75 X 2.10
D4 = 1.25 X 2.10
D5 = 1.53 X 2.10
FD = 1.80 X 2.10

WINDOWS -
W1 = 1.73 X 1.20
W3 = 1.17 X 1.20
W4 = 2.22 X 1.20
V = 0.75 X 0.75

REFUSE AREA KEY PLAN
SCALE= 1:100

TYPICAL FLOOR AREA STATEMENT

A	26.83	X	18.73	X	1	=	502.53
DEDUCTION							
1	13.23	X	1.08	X	2	=	28.58
2	6.51	X	0.90	X	1	=	5.86
3	2.06	X	0.98	X	1	=	2.02
4	0.75	X	1.69	X	4	=	5.07
5	5.81	X	5.91	X	1	=	33.18
8	5.59	X	5.61	X	1	=	31.36
LIFT							
L1	1.98	X	1.98	X	1	=	3.92
L2	1.98	X	2.98	X	1	=	5.90
PASSAGE							
P1	6.47	X	2.98	X	1	=	19.28
STAIRCASE							
S1	5.60	X	3.17	X	1	=	17.75
S2	5.60	X	3.17	X	1	=	17.75
BALCONY							
B1	6.80	X	1.40	X	4	=	38.08
B2	3.96	X	1.31	X	1	=	5.19
TOTAL DEDUCTION						=	213.9126
NET BUILT UP						=	288.61



TYPICAL FLOOR AREA KEY PLAN
SCALE= 1:200

BUILDING F.S.I. CALCULATION

FLOORS	FSI	BALCONY PERM	BALCONY PROP	DRY BALC	FIRE STAIRCASE (S1)	STAIRCASE (S2)	PASSAGE	PERMISSIBLE TERRACE (20%)	PROPOSED TERRACE	LIFT+LMR	TEN
FIRST FLOOR	286.51	39.98	39.98	10.19	17.75	17.75	19.28	53.30	12.34		4
SECOND FLOOR	267.58	40.14	36.98	10.19	17.75	17.75	43.99	53.52	13.29		4
THIRD FLOOR	286.61	43.29	43.27	10.19	17.75	17.75	19.28	57.72	12.34	9.82	4
FOURTH FLOOR	286.61	43.29	43.27	10.19	17.75	17.75	19.28	57.72	13.29		4
FIFTH FLOOR	286.61	43.29	43.27	10.19	17.75	17.75	19.28	57.72	12.34		4
SIXTH FLOOR	286.61	43.29	43.27	10.19	17.75	17.75	19.28	57.72	13.29		4
SEVENTH FLOOR	286.61	43.29	43.27	10.19	17.75	17.75	19.28	57.72	12.34		4
EIGHTH FLOOR (REFUSE)	266.51	39.98	39.98	10.19	17.75	17.75	19.28	53.30	13.29		4
NINTH FLOOR	286.61	43.29	43.27	10.19	17.75	17.75	19.28	57.72	12.34		4
TENTH FLOOR	286.61	43.29	43.27	10.19	17.75	17.75	19.28	57.72	13.29	26.36	4
ELEVENTH FLOOR	286.61	43.29	43.27	10.19	17.75	17.75	19.28	57.72	12.34		4
TWELFTH FLOOR (REFUSE)	266.51	39.98	39.98	10.19	17.75	17.75	19.28	53.30	13.29		4
THIRTEENTH FLOOR	286.61	43.29	43.27	10.19	17.75	17.75	19.28	57.72	12.34		4
FOURTEENTH FLOOR	286.61	43.29	43.27	10.19	17.75	17.75	19.28	57.72	13.29		4
TOTAL	3953.2100	592.9815	592.6200	142.6600	248.5000	248.5000	294.2300	790.6420	179.4100	36.18	56

FIRE STAIRCASE CALCULATIONS

1) 5.60 X 3.17 X 1	=	17.75
TOTAL		17.75

STAIRCASE CALCULATIONS

1) 5.60 X 3.17 X 1	=	17.75
TOTAL		17.75

LIFT SHAFT CALCULATION

L1 1 X 1.98 X 1.98	=	3.92
L2 1 X 1.98 X 2.98	=	5.90
TOTAL AREA (IN Sq.m)		9.82

LIFT MACHINE ROOM CALCULATION

LMR 1 X 5.87 X 4.49	=	26.36
TOTAL AREA (IN Sq.m)		26.36

OWNER'S NAME, ADDRESS, SIGNATURE -
MR. KEVALKUMAR K. JAIN (P.A.H.)

MR. ARVIND C. KERING (P.A.H.)
ADD-1ST FLOOR, KUMAR CAPITAL, 2413, EAST STREET, CAMP, PUNE-411001

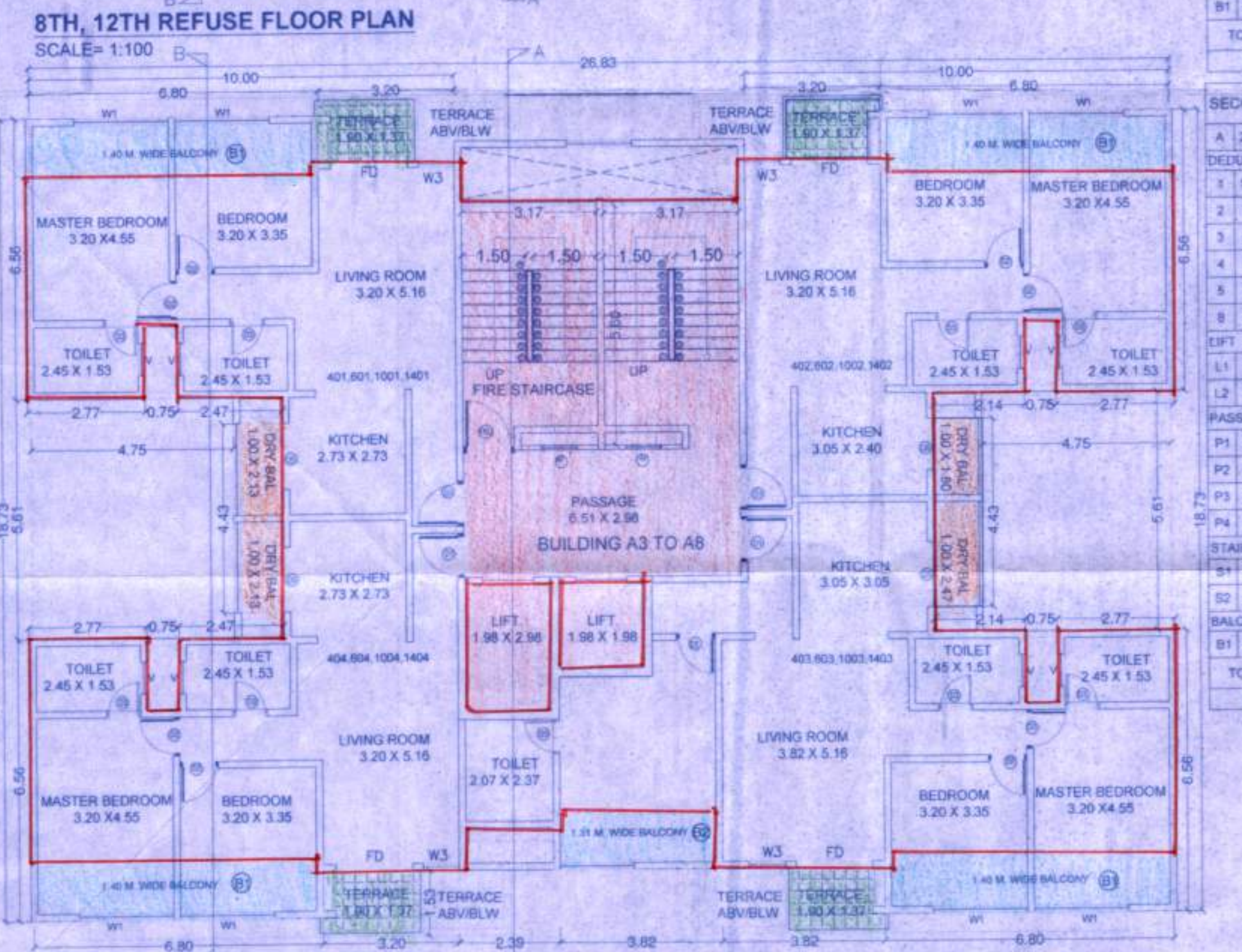
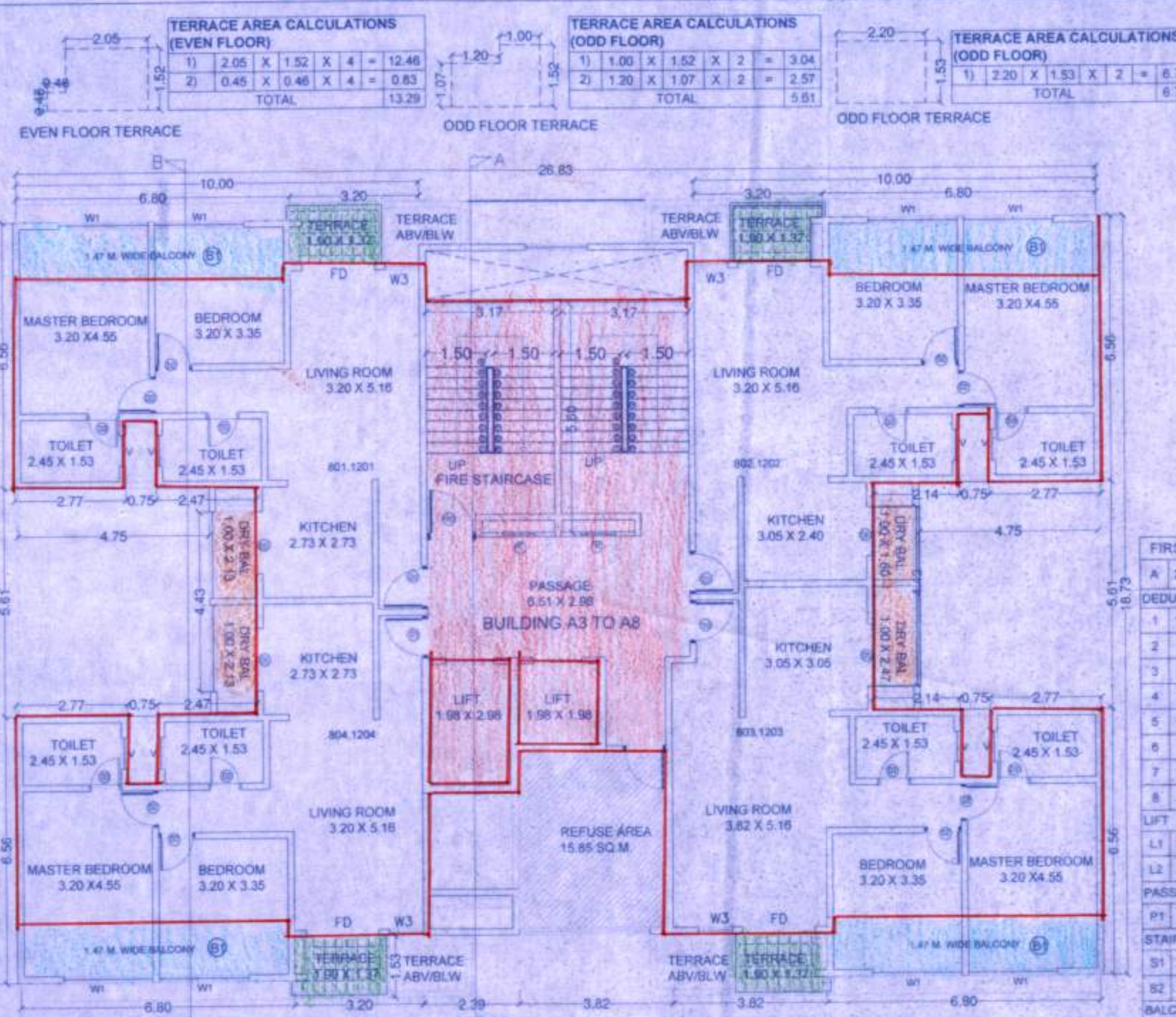
PROPOSED RESI. GROUP HOUSING SCHEME
ON S. NO. 12/1/4, 12/1/3, 12/1/2, 12/1/3, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 13/1/2/1 AT VILLAGE UNDRY, TALUKA HAVELI, DISTRICT PUNE.

ARCHITECT -
JAGADISH P. DESHPANDE
ARCHITECTS-TOWN PLANNERS-INTERIOR DESIGNERS
A-1, SUCCESS CHAMBERS, 1232 APTE ROAD, DECCAN GYMKHANA, PUNE 411004
PH. NO. 2853182, 2853141
FAX. NO. 020-25532325

DATE	DEALT BY	REVISED BY	CHECKED BY	SCALE
20/10/2016	AMOL	AMOL	DP	1:100



Approved as amended in subject to cor. filling mentioned in Annexure 'A' of letter No. BHA/C.R. No. 22/09/14/10/Muzra-351 S. No. 0, No. CTS No. 92/1, 92/2 Dated 08/02/2016
Metropolitan Commissioner and Chief Executive Officer
Pune Metropolitan Regional Development Authority, Pune.



TERRACE AREA CALCULATIONS (EVEN FLOOR)

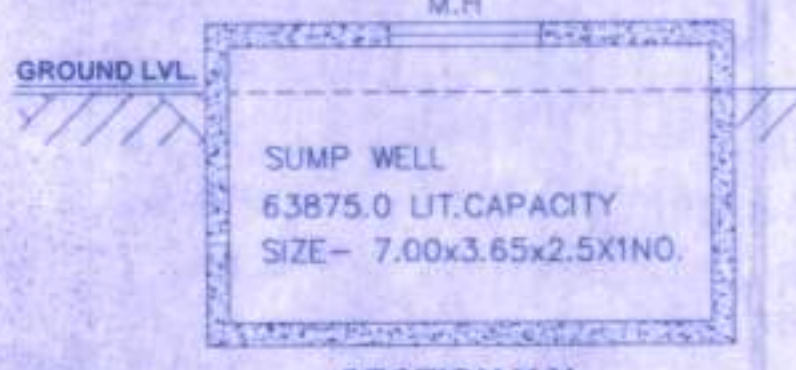
1) 2.05 X 1.52 X 4 = 12.46
2) 0.45 X 0.46 X 4 = 0.83
TOTAL 13.29

TERRACE AREA CALCULATIONS (ODD FLOOR)

1) 1.00 X 1.52 X 2 = 3.04
2) 1.20 X 1.07 X 2 = 2.57
TOTAL 5.61

TERRACE AREA CALCULATIONS (ODD FLOOR)

1) 2.20 X 1.53 X 2 = 6.73
TOTAL 6.73



FIRST FLOOR AREA STATEMENT

A 26.83 X 18.73 X 1 = 502.53
DEDUCTION
1 13.23 X 1.06 X 2 = 28.56
2 5.51 X 0.90 X 1 = 5.86
3 5.86 X 3.50 X 1 = 20.56
4 0.75 X 1.69 X 4 = 5.07
5 5.81 X 5.91 X 1 = 33.16
6 3.66 X 0.99 X 1 = 3.62
7 1.47 X 2.18 X 1 = 3.20
8 5.59 X 5.81 X 1 = 31.36
LIFT
L1 1.98 X 1.98 X 1 = 3.92
L2 1.98 X 2.98 X 1 = 5.90
PASSAGE
P1 6.47 X 2.98 X 1 = 19.28
STAIRCASE
S1 5.60 X 3.17 X 1 = 17.75
S2 5.60 X 3.17 X 1 = 17.75
BALCONY
B1 6.80 X 1.47 X 4 = 39.96
TOTAL DEDUCTION 236.01
NET BUILT UP 266.51

SECOND FLOOR AREA STATEMENT

A 26.83 X 18.73 X 1 = 502.53
DEDUCTION
1 13.23 X 1.06 X 2 = 28.56
2 6.51 X 0.90 X 1 = 5.86
3 2.06 X 0.98 X 1 = 2.02
4 0.75 X 1.69 X 4 = 5.07
5 5.81 X 5.91 X 1 = 33.16
6 5.59 X 6.81 X 1 = 31.36
LIFT
L1 1.98 X 1.98 X 1 = 3.92
L2 1.98 X 2.98 X 1 = 5.90
PASSAGE
P1 6.47 X 2.98 X 1 = 19.28
P2 1.47 X 2.18 X 1 = 3.20
P3 3.66 X 4.33 X 1 = 15.85
P4 2.23 X 2.37 X 1 = 5.26
STAIRCASE
S1 5.60 X 3.17 X 1 = 17.75
S2 5.60 X 3.17 X 1 = 17.75
BALCONY
B1 6.80 X 1.47 X 4 = 39.96
TOTAL DEDUCTION 234.94
NET BUILT UP 267.58

CARPET AREA - 3 BHK

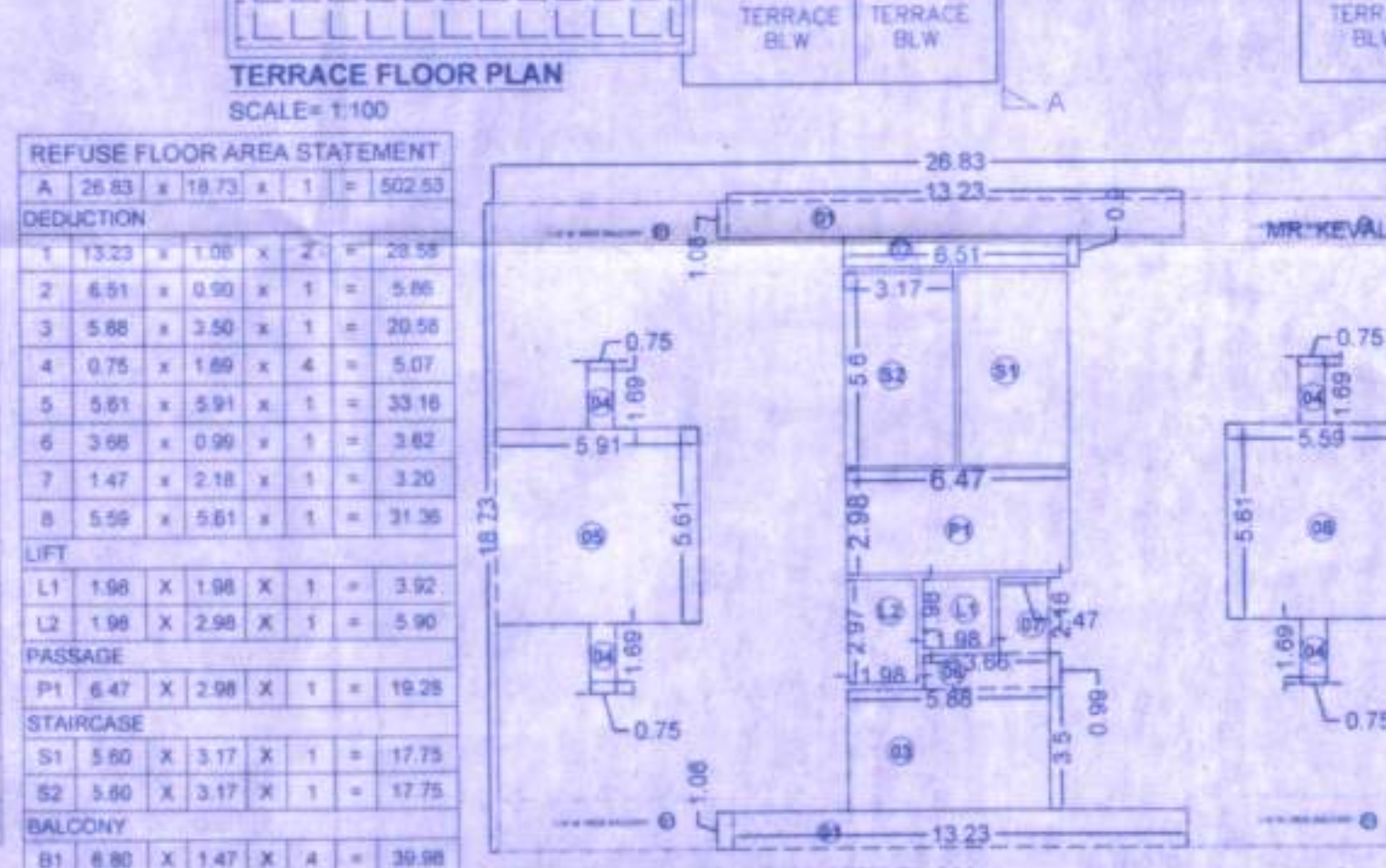
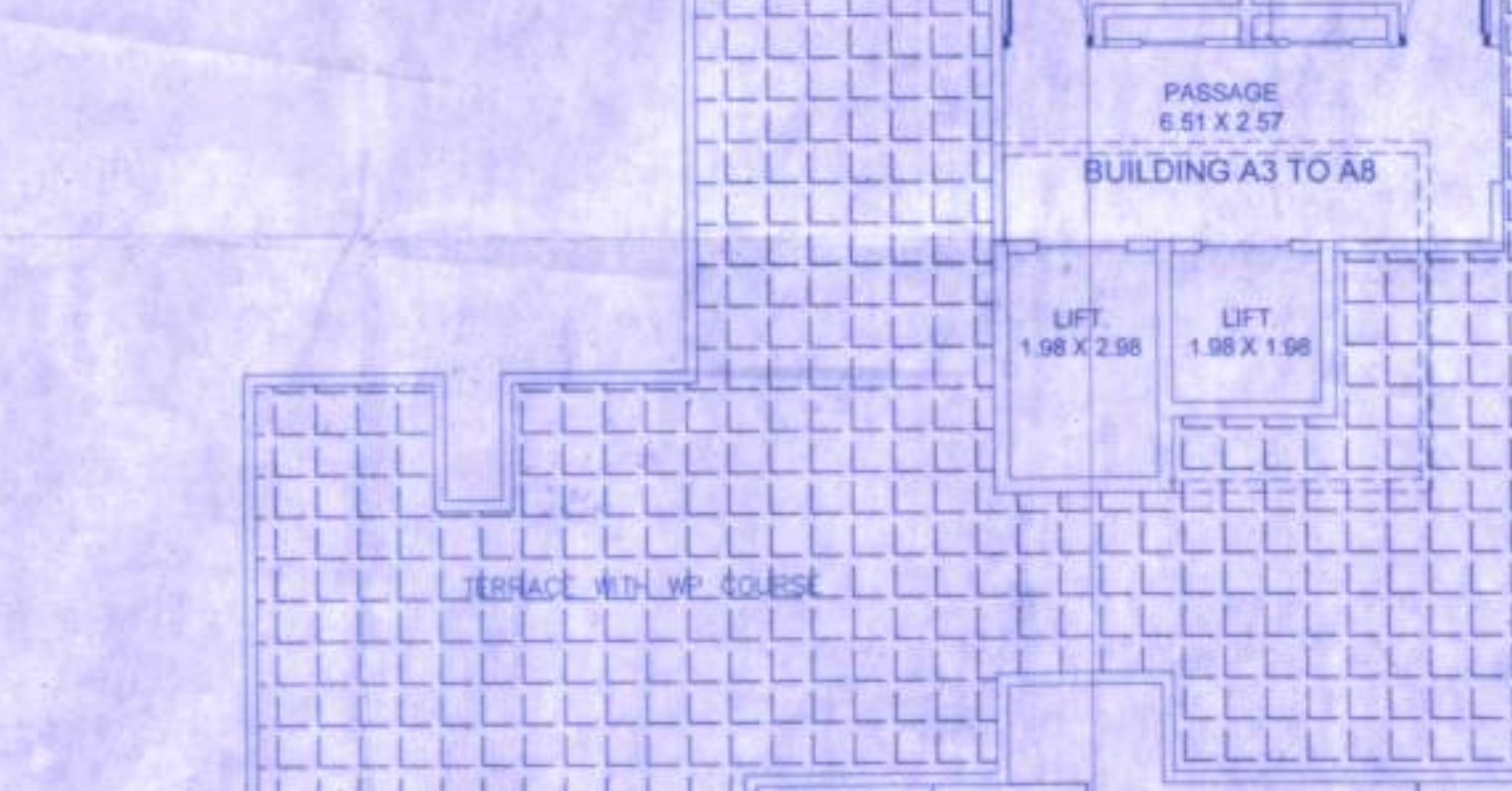
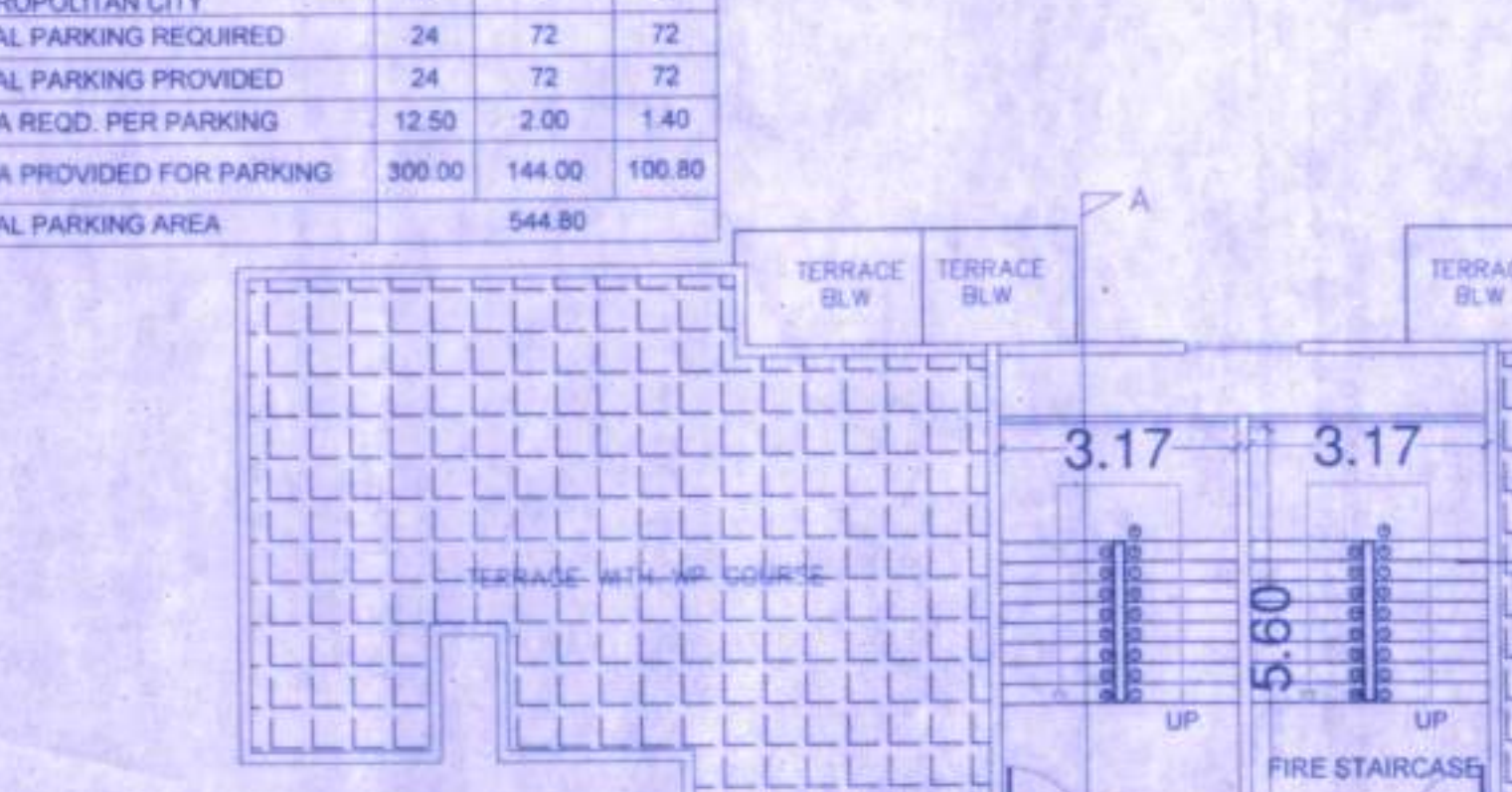
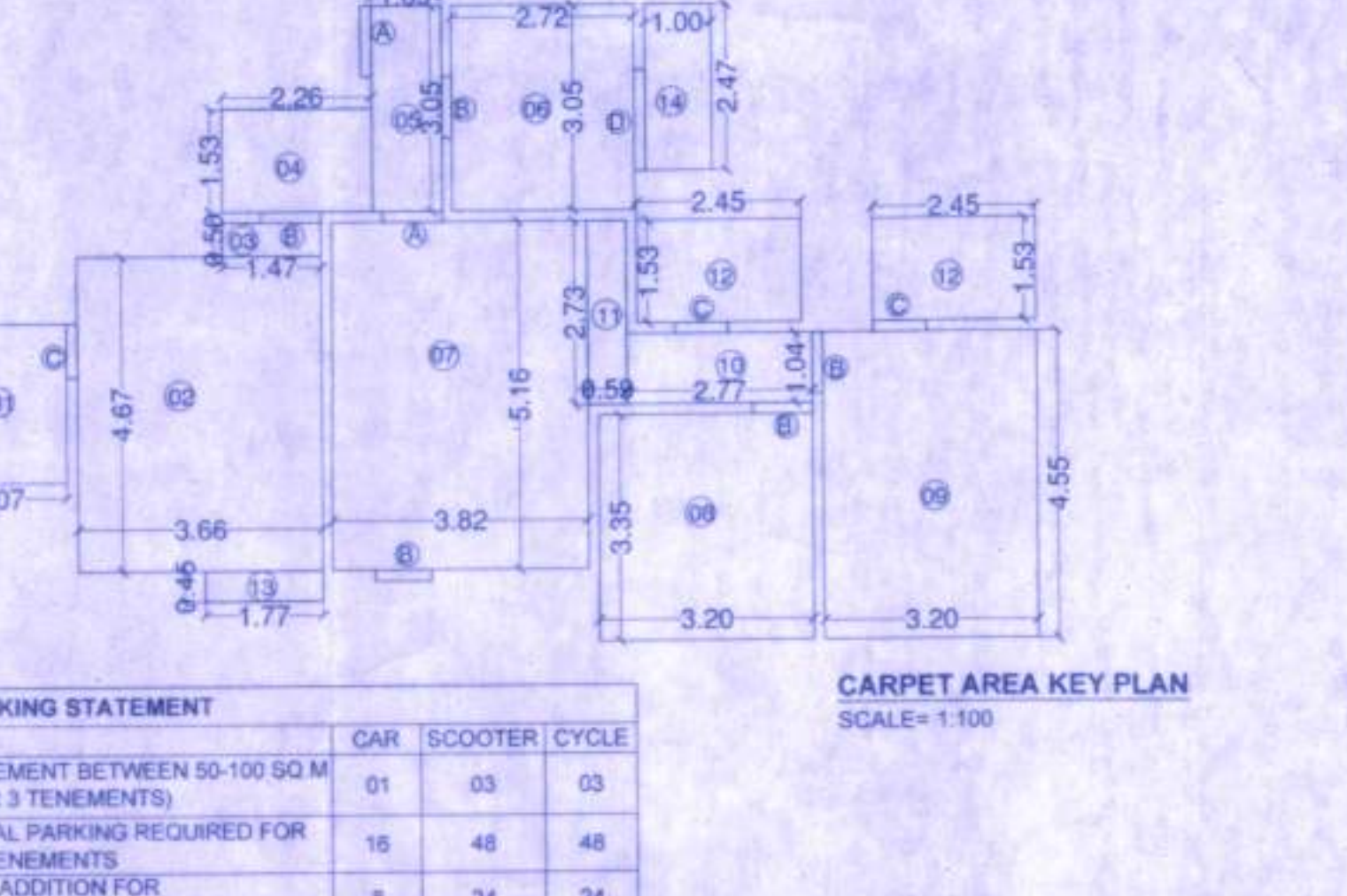
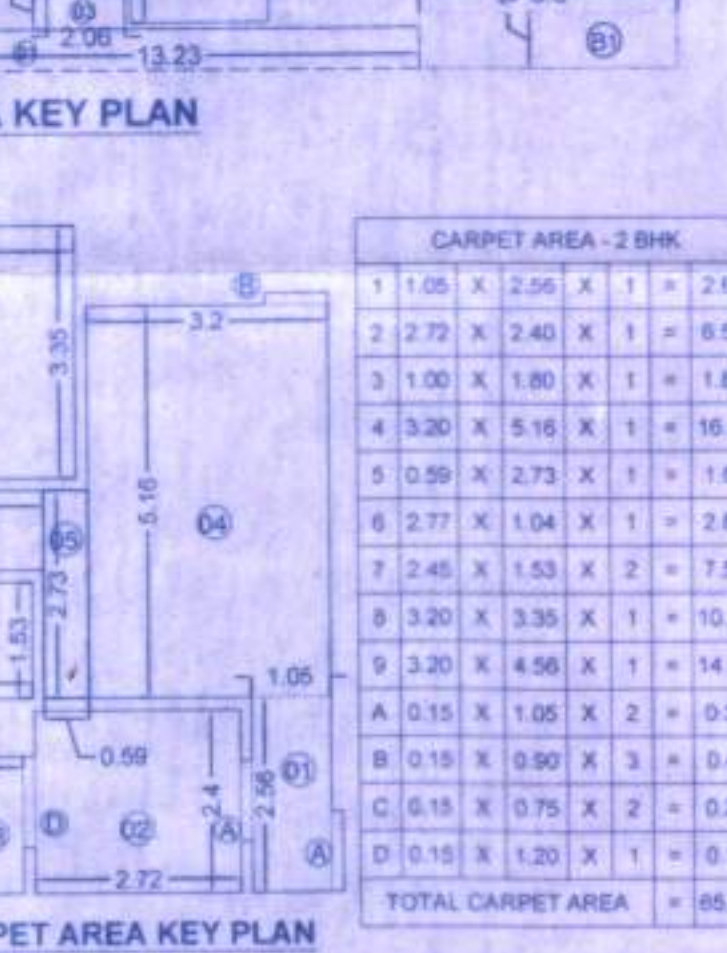
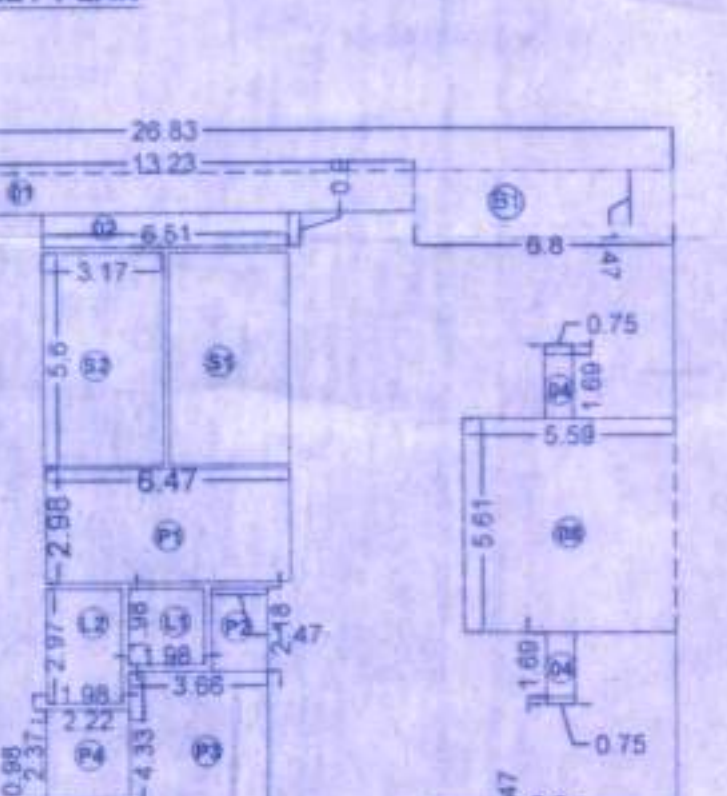
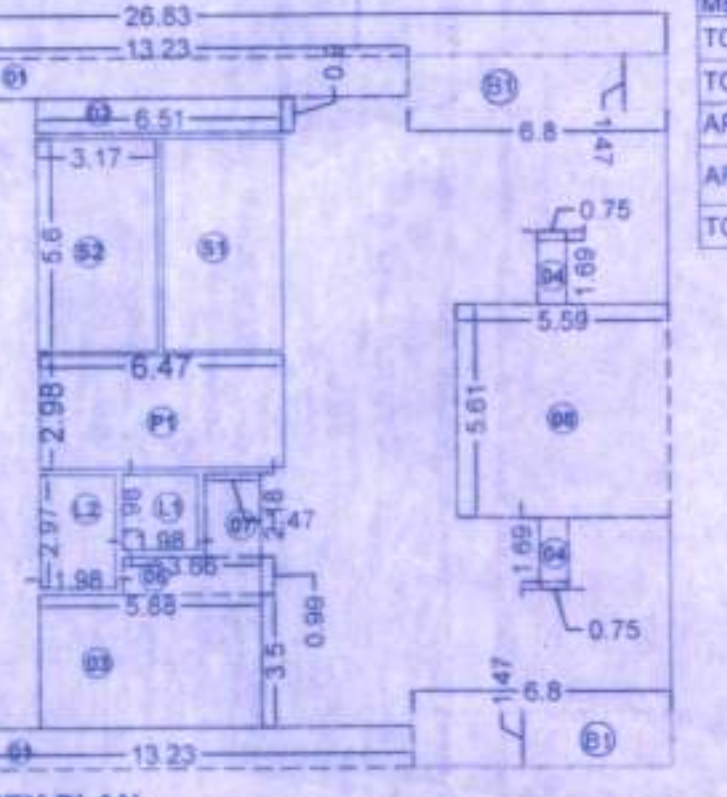
1 2.07 X 2.37 X 1 = 4.91
2 3.68 X 4.67 X 1 = 17.06
3 1.47 X 0.50 X 1 = 0.73
4 2.26 X 1.53 X 1 = 3.46
5 1.05 X 3.05 X 1 = 3.20
6 2.72 X 3.05 X 1 = 8.30
7 3.82 X 5.16 X 1 = 19.71
8 3.20 X 3.35 X 1 = 10.72
9 3.20 X 4.55 X 1 = 14.56
10 2.77 X 1.04 X 1 = 2.88
11 0.59 X 2.73 X 1 = 1.61
12 2.45 X 1.53 X 2 = 7.50
13 1.77 X 0.45 X 1 = 0.80
14 1.00 X 2.47 X 1 = 2.47
A 0.15 X 1.05 X 2 = 0.32
B 0.15 X 0.90 X 5 = 0.68
C 0.15 X 0.75 X 3 = 0.34
D 0.15 X 1.50 X 1 = 0.23
TOTAL CARPET AREA = 99.49

WATER CALCULATION STATEMENT

OVERHEAD WATER TANK
TOTAL NO. OF PERSON X 135LTRS 32400
48 X 5 X 135 LTRS 32400
FOR FIRE FIGHTING 10000
WITH FIRE FIGHTING 42400
UNDERGROUND WATER TANK
42400 X 1.50 63600

CARPET AREA - 2 BHK

1 1.05 X 2.56 X 1 = 2.69
2 2.72 X 2.40 X 1 = 6.53
3 1.00 X 1.80 X 1 = 1.80
4 3.20 X 5.16 X 1 = 16.51
5 0.59 X 2.73 X 1 = 1.61
6 2.77 X 1.04 X 1 = 2.88
7 2.45 X 1.53 X 2 = 7.50
8 3.20 X 3.35 X 1 = 10.72
9 3.20 X 4.55 X 1 = 14.56
A 0.15 X 1.05 X 2 = 0.32
B 0.15 X 0.90 X 3 = 0.41
C 0.15 X 0.75 X 2 = 0.23
D 0.15 X 1.20 X 1 = 0.18
TOTAL CARPET AREA = 65.95



Approved as amended in subject to conditions mentioned in Annexure 'A' of letter No. SVA/11/2019/10/2019/351 dated 01/08/2019.
Metropolitan Commissioner and Chief Executive Officer
Pune Metropolitan Regional Development Authority, Pune.



OWNER'S NAME, ADDRESS, SIGNATURE
MR. KEVALKUMAR K. JAIN (P.A.H.)
MR. ARVIND C. KERING (P.A.H.)
ADD=1ST FLOOR, KUMAR CAPITAL, 2413, EAST STREET, CAMP, PUNE-411001
PROJECT -
PROPOSED RESI. GROUP HOUSING SCHEME
ON S. NO. 12/14, 12/12/3, 12/12/2, 12/12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 13/12/1 AT VILLAGE UNDRI, TALUKA HAVELI, DISTRICT PUNE
ARCHITECT -
JAGADISH P. DESHPANDE
ARCHITECTS-TOWN PLANNERS-INTERIOR DESIGNERS
A-1, SUCCESS CHAMBERS, 1232 AFTE ROAD, DECCAN GYMKHANA, PUNE 411004
PH. NO. 25532182, 25531141, JAGADISH.P.DESHPANDE C.A.648315
FAX. NO. 020-25532325
DATE 20/10/2016
DEALT BY AMOL
REVISED BY AMOL
CHECKED BY DP
SCALE 1:100

Approved as amended in
subject to conditions mentioned in Annexure 'A'
of letter No. BHA/11/10/2019/30/10/2019
S. No. 10/11/2019
Dated 05/02/2019
The Metropolitan Commissioner and
Executive Officer
Pune Metropolitan Regional Development Authority, Pune.

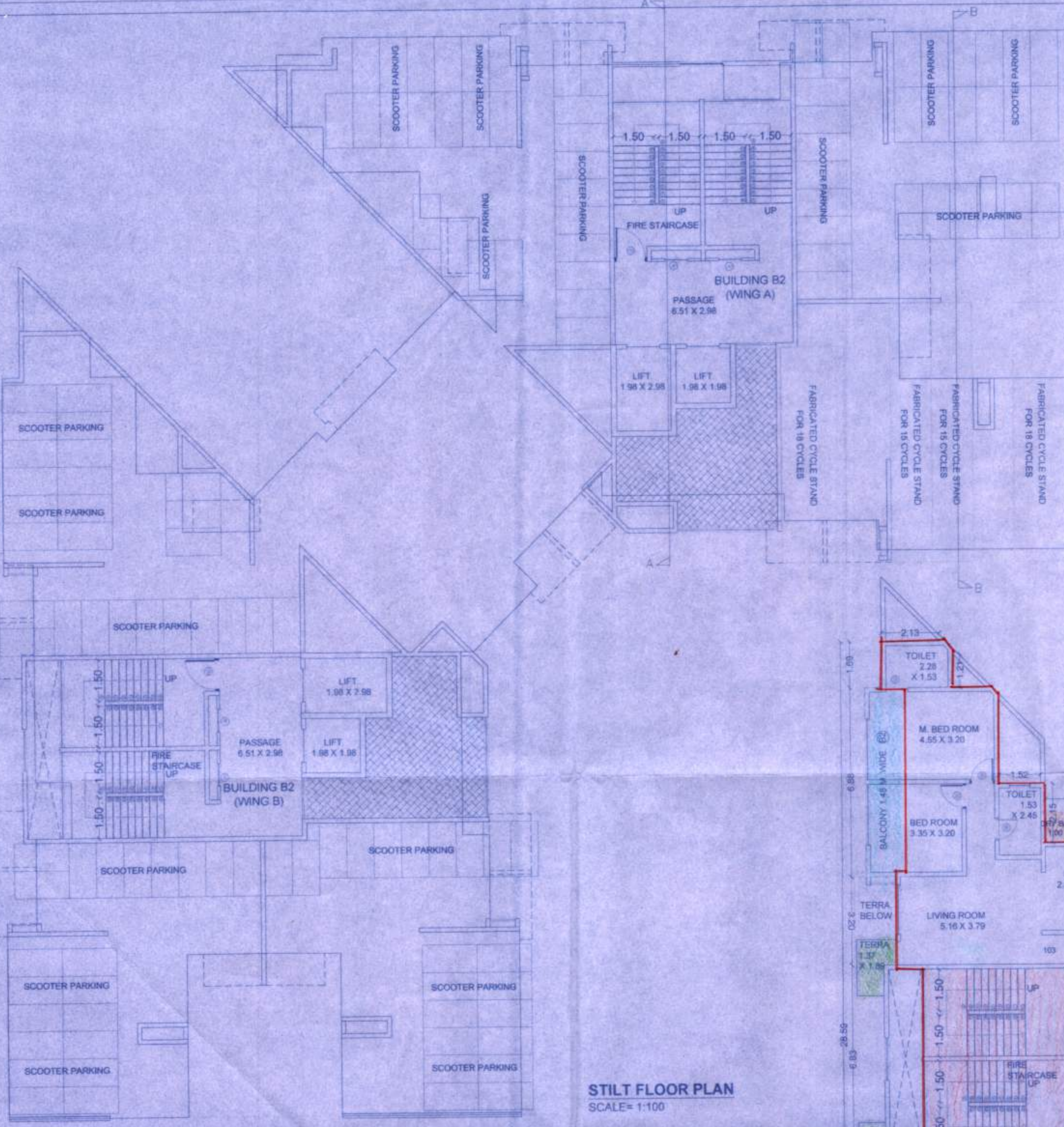


BALCONY CALCULATION OF 1ST FLOOR		BALCONY CALCULATION OF 8TH TO 14TH FLOOR	
PERMISSIBLE BAL = 15% OF NET BUILT UP		PERMISSIBLE BAL = 15% OF NET BUILT UP	
407.74X 15% = 61.16		544.73X 15% = 81.71	
B1	0.80 X 1.50 X 4 = 48.00	B1	6.80 X 1.40 X 4 = 38.08
B2	0.80 X 1.48 X 2 = 23.52	B2	6.88 X 1.40 X 2 = 19.28
TOTAL BALCONY PROVIDED = 61.16		B3	3.92 X 1.37 X 1 = 4.82
BALCONY CALCULATION OF 2ND FLOOR		B4	3.92 X 1.30 X 2 = 9.15
PERMISSIBLE BAL = 15% OF NET BUILT UP		B5	3.98 X 1.30 X 2 = 10.35
408.84X 15% = 61.33		TOTAL BALCONY PROVIDED = 61.6664	
B1	0.80 X 1.50 X 4 = 48.00	BALCONY CALCULATION OF REFUSE FLOOR	
B2	0.88 X 1.48 X 2 = 25.92	PERMISSIBLE BAL = 15% OF NET BUILT UP	
TOTAL BALCONY PROVIDED = 61.3024		501.48X 15% = 75.22	
BALCONY CALCULATION OF 3RD TO 7TH FLOOR		B1	0.80 X 1.45 X 4 = 39.44
PERMISSIBLE BAL = 15% OF NET BUILT UP		B2	6.88 X 1.50 X 2 = 20.64
451.13X 15% = 67.67		B3	3.92 X 1.49 X 1 = 5.24
B1	0.80 X 1.40 X 4 = 38.08	B4	3.92 X 1.40 X 2 = 9.88
B2	0.88 X 1.35 X 2 = 18.96	TOTAL BALCONY PROVIDED = 75.1808	
B3	3.98 X 1.38 X 2 = 10.98		
TOTAL BALCONY PROVIDED = 67.6408			

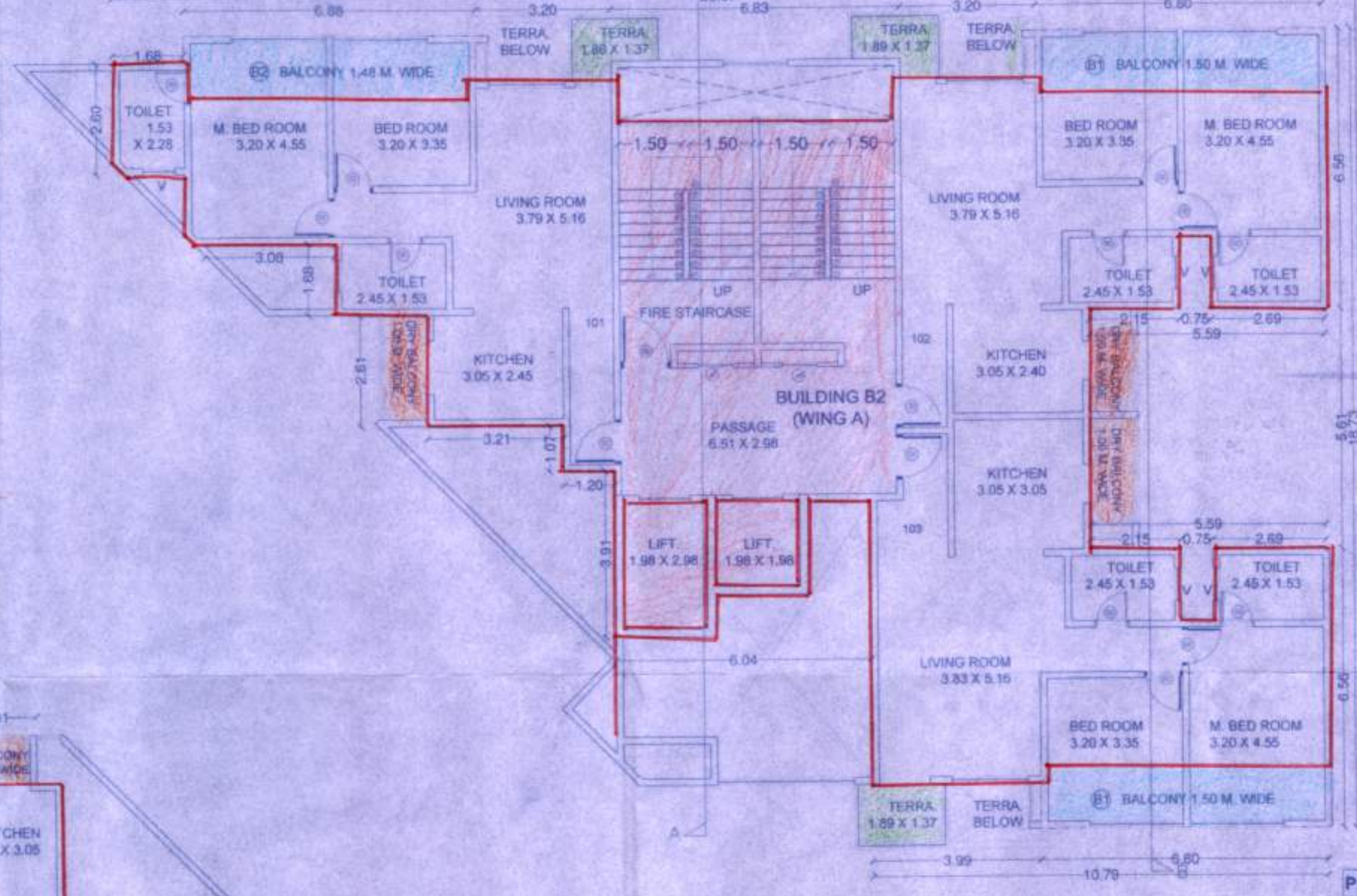
REFUSE AREA CALCULATIONS 8TH & 12TH FLOOR	
R1	1 X 3.86 X 4.33 = 15.85
TOTAL AREA (IN Sq.m) = 15.85	

SCHEDULE OF OPENINGS	
DOORS:-	
D1 = 1.05 X 2.10	W1 = 1.73 X 1.20
D2 = 0.91 X 2.10	W2 = 1.17 X 1.20
D3 = 0.75 X 2.10	W3 = 1.17 X 1.20
D4 = 1.25 X 2.10	W4 = 2.22 X 1.20
D5 = 1.53 X 2.10	V = 0.75 X 0.75
FD = 1.80 X 2.10	

REFUSE AREA KEY PLAN
SCALE= 1:100



STILT FLOOR PLAN
SCALE= 1:100



1ST FLOOR PLAN
SCALE= 1:100

DRY BALCONY AREA CALCULATIONS	
1)	4.410 X 1.15 X 2 = 10.14
2)	3.000 X 1.15 X 1 = 2.90
3)	2.450 X 1.15 X 1 = 2.82
4)	3.060 X 1.08 X 1 = 3.30
TOTAL = 18.57	

TERRACE AREA CALCULATIONS (ODD FLOOR)	
1)	1.000 X 1.53 X 3 = 4.59
2)	1.070 X 1.20 X 3 = 3.85
TOTAL = 8.44	

TERRACE AREA CALCULATIONS (EVEN FLOOR)	
1)	2.050 X 1.53 X 6 = 18.82
2)	0.450 X 0.45 X 8 = 1.24
TOTAL = 20.06	

TERRACE AREA CALCULATIONS (ODD FLOOR)	
1)	2.200 X 1.53 X 3 = 6.73
TOTAL = 6.73	

TERRACE AREA CALCULATIONS (EVEN FLOOR)	
1)	2.050 X 1.53 X 1 = 3.14
2)	0.400 X 0.45 X 1 = 0.21
TOTAL = 3.34	

TERRACE AREA CALCULATIONS (ODD FLOOR)	
1)	1.770 X 1.06 X 1 = 2.94
2)	0.550 X 0.46 X 1 = 0.25
TOTAL = 3.65	

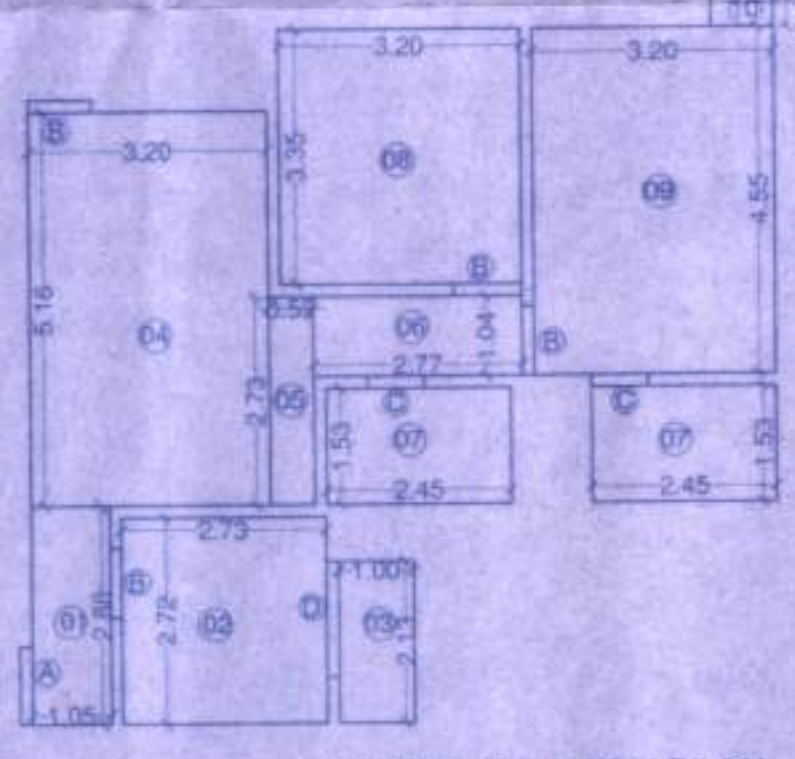
PARKING STATEMENT			
	CAR	SCOOTER	CYCLE
TENEMENT BETWEEN 50-100 SQ.M (FOR 3 TENEMENTS)	01	03	03
TOTAL PARKING REQUIRED FOR 91 TENEMENTS	31	91	91
50% ADDITION FOR METROPOLITAN CITY	16	46	46
TOTAL PARKING REQUIRED	47	137	137
TOTAL PARKING PROVIDED	47	137	137
AREA REQD. PER PARKING	12.50	2.00	1.40
AREA PROVIDED FOR PARKING	587.50	274.00	191.80
TOTAL PARKING AREA		1053.30	

OWNERS NAME, ADDRESS, SIGNATURE
MR. KEVAL KUMAR K. JAIN (P.A.H.)
MR. ARVIND C. KERING (P.A.H.)
ADD-1ST FLOOR, KUMAR CAPITAL, 2413, EAST STREET, CAMP, PUNE-411001

PROPOSED RESI. GROUP HOUSING SCHEME
ON S. NO. 12/1/4, 12/1/3, 12/1/2, 12/1/3, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 13/1/2/1
AT VILLAGE LUNDRI, TALUKA HAVELI, DISTRICT PUNE

ARCHITECT :-
JAGADISH P. DESHPANDE
ARCHITECTS-TOWN PLANNERS-INTERIOR DESIGNERS
A-1, SUCCESS CHAMBERS, 1232 APTE ROAD,
DECCAN GYMKHANA, PUNE-411004.
PH. NO. 2552182, 25531141
FAX. NO. 020-25532025

CARPET AREA - 2 BRK	
1	1.05 X 2.86 X 1 = 3.02
2	2.73 X 2.72 X 1 = 7.43
3	1.00 X 2.13 X 1 = 2.13
4	3.20 X 5.16 X 1 = 16.51
5	0.80 X 2.73 X 1 = 1.64
6	2.77 X 1.04 X 1 = 2.88
7	2.45 X 1.53 X 2 = 7.50
8	3.20 X 3.35 X 1 = 10.72
9	3.20 X 4.55 X 1 = 14.56
10	0.82 X 0.45 X 1 = 0.37
A	0.18 X 1.05 X 1 = 0.18
B	0.15 X 0.90 X 4 = 0.54
C	0.15 X 0.75 X 2 = 0.23
D	0.15 X 1.53 X 1 = 0.23
TOTAL CARPET AREA = 87.91	



CARPET AREA KEY PLAN
SCALE= 1:100

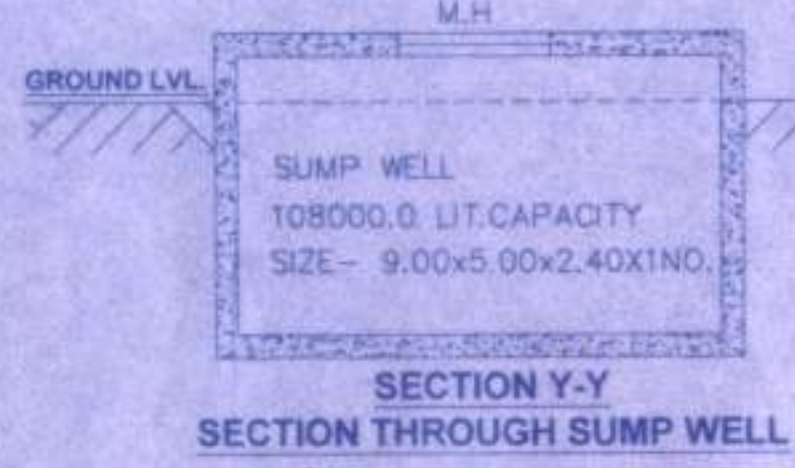
WATER CALCULATION STATEMENT

OVERHEAD WATER TANK

TOTAL NO. OF PERSON X 135LTRS	LITERS
90 X 5 X 135 LTRS	60750
FOR FIRE FIGHTING	10000
WITH FIRE FIGHTING	70750

UNDERGROUND WATER TANK

70750 X 1.50	106125
--------------	--------



LIFT SHAFT CALCULATION

L1	1	X	1.98	X	1.98	=	3.92	
L2	1	X	1.98	X	2.96	=	5.86	
TOTAL AREA (IN Sq.m)							=	9.82

LIFT MACHINE ROOM CALCULATION

L.M.R.	1	X	5.87	X	4.46	=	26.36	
TOTAL AREA (IN Sq.m)							=	26.36

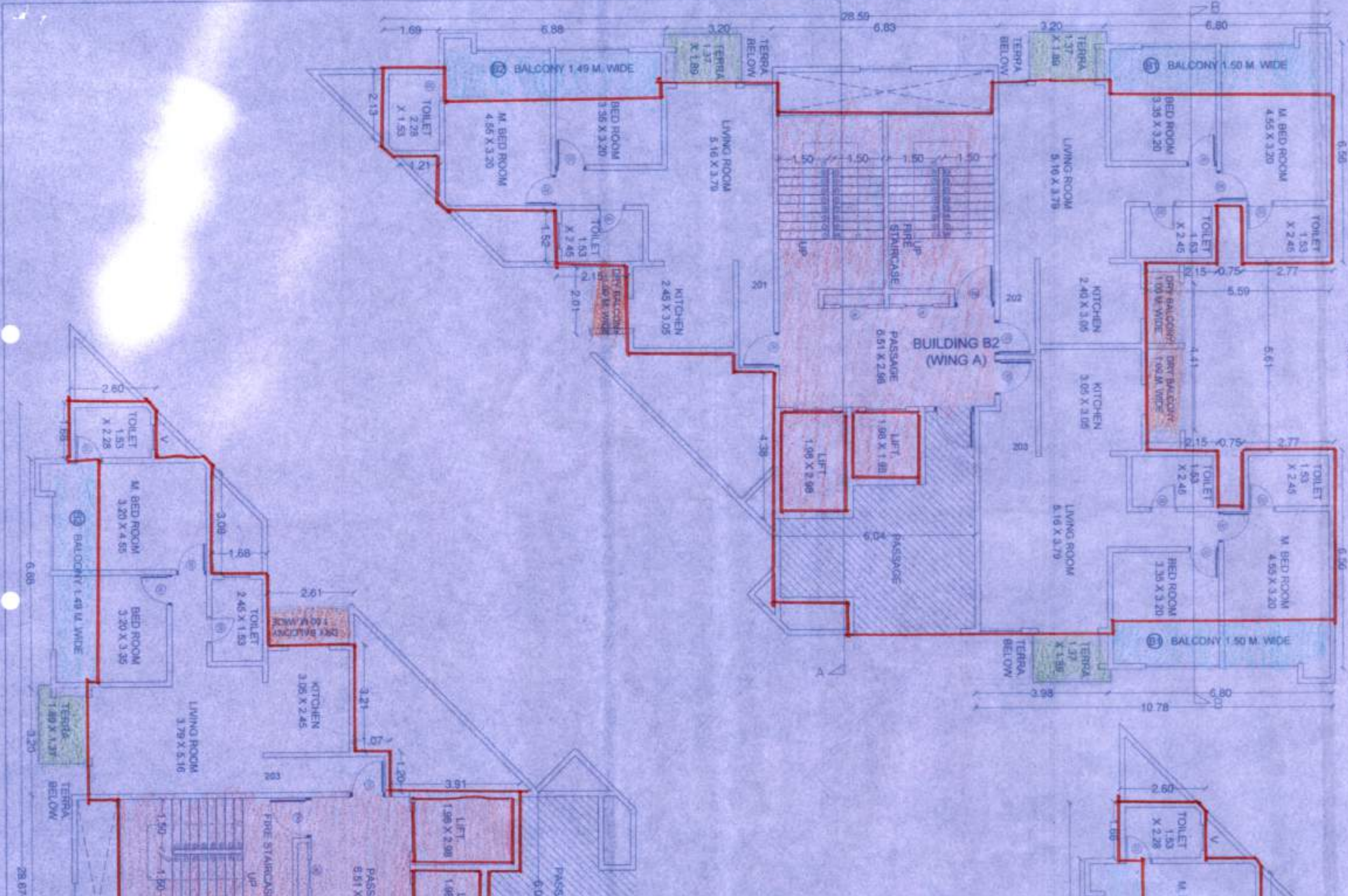
FIRE STAIRCASE CALCULATIONS

1)	5.60	X	3.17	X	2	=	35.50
TOTAL							35.50

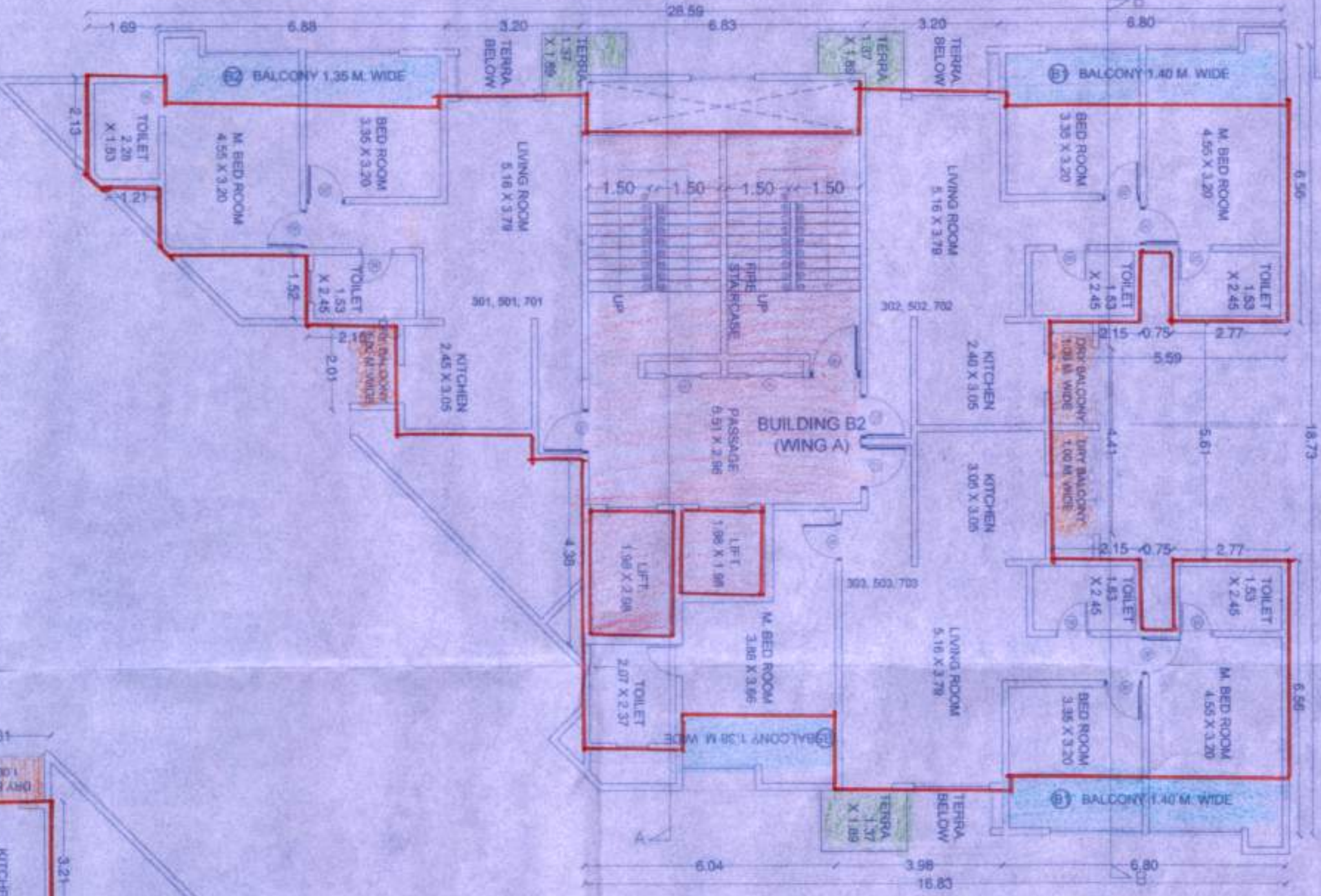
STAIRCASE CALCULATIONS

1)	5.60	X	3.17	X	2	=	35.50
TOTAL							35.50

Approved as amended in...
subject to conditions mentioned in Annexure 'A'
of letter No. BHA...
S. No. 10. No. 22.2.22.2
Dated 01/02/2016
Metropolitan Commissioner and
Chief Executive Officer
Pune Metropolitan Regional Development Authority, Pune.



2ND FLOOR PLAN
SCALE= 1:100



3RD, 5TH, 7TH FLOOR PLAN
SCALE= 1:100

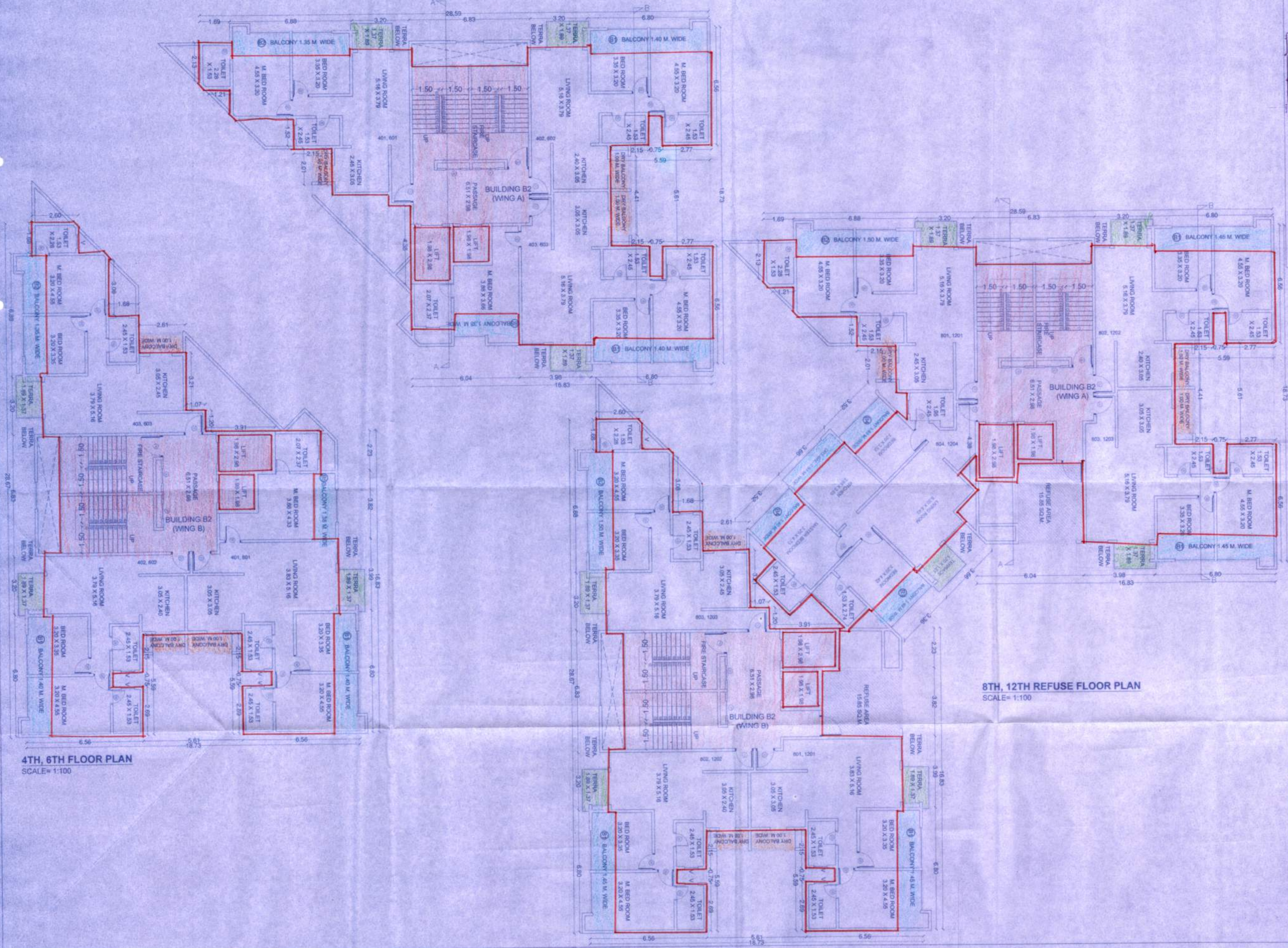
CARPET AREA - 3 BHK

1	1.06	X	1.82	X	1	=	1.70	
2	1.16	X	1.16	X	0.5	=	0.67	
3	0.81	X	1.84	X	1	=	1.00	
4	0.80	X	2.40	X	1	=	1.92	
5	0.76	X	0.76	X	0.5	=	0.29	
6	0.39	X	0.76	X	1	=	0.30	
7	0.85	X	0.85	X	0.5	=	0.45	
8	1.23	X	0.29	X	1	=	0.36	
9	1.98	X	2.46	X	1	=	3.82	
10	3.20	X	5.52	X	1	=	11.36	
11	5.33	X	3.70	X	1	=	19.72	
12	5.86	X	0.73	X	1	=	2.67	
13	1.50	X	0.16	X	1	=	0.24	
14	1.80	X	0.07	X	1	=	0.11	
15	1.53	X	1.06	X	1	=	1.62	
16	3.05	X	3.68	X	1	=	11.13	
17	3.06	X	0.92	X	1	=	2.82	
18	3.20	X	4.43	X	1	=	14.19	
19	1.53	X	2.75	X	1	=	4.21	
20	3.20	X	4.74	X	1	=	15.17	
21	1.53	X	2.45	X	1	=	3.75	
A	0.16	X	1.05	X	2	=	0.34	
B	0.15	X	0.99	X	5	=	0.66	
C	0.15	X	0.80	X	3	=	0.36	
TOTAL CARPET AREA							=	98.7516

CARPET AREA KEY PLAN
SCALE= 1:100

OWNER'S NAME, ADDRESS, SIGNATURE
MR. KEVALKUMAR JAIN (P.A.H.)
MR. ARVIND C. KERING (P.A.H.)
ADD-1ST FLOOR, KUMAR CAPITAL, 2413, EAST STREET, CAMP, PUNE-411001
PROJECT
PROPOSED RESI. GROUP HOUSING SCHEM
ON S. NO. 12/14, 12/12/1, 12/12/13, 12/12/13A, 12/38, 12/4,
12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 13/1/2/1
AT VILLAGE UNDRI, TALUKA HAVELI, DISTRICT PUNE
ARCHITECT -
JAGADISH P. DESHPANDE
ARCHITECTS-TOWN PLANNERS-INTERIOR DESIGNERS
A-1, BUCKERS CHAMBERS, 1237 APTE ROAD
DECCAN GYMKHANA, PUNE 411004
PH NO. 2852142, 2553141
JAGADISH P. DESHPANDE
C.A.M.35118
FAX NO. 020-25532225
DATE DEALT BY REVISED BY CHECKED BY SCALE
20/10/2016 AMOL AMOL DP 1:100

Approved as amended in
subject to conditions mentioned in Annexure 'A',
of letter No. SHA/100/10/330/2010/Mouza-351
S.No/G.No./TS No. 32/2/22#
Dated 08/02/2010
[Signature]
Metropolitan Commissioner and
Chief Executive Officer
Pune Metropolitan Regional Development Authority, Pune.



8TH, 12TH REFUSE FLOOR PLAN
SCALE= 1:100

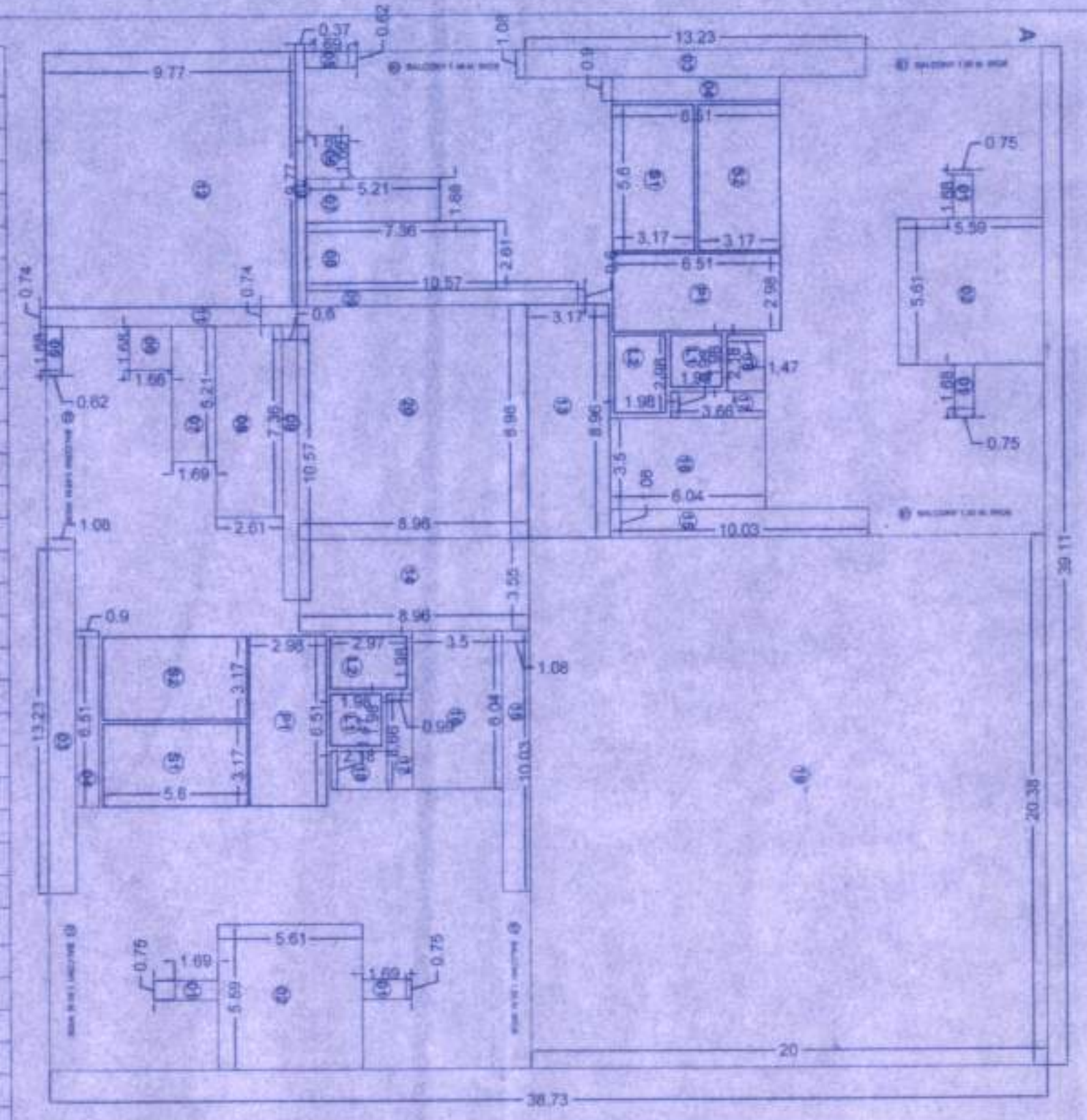
4TH, 6TH FLOOR PLAN
SCALE= 1:100

OWNER'S NAME, ADDRESS, SIGNATURE
MR. KEVALKUMAR S. JAIN (P.A.H.)
[Signature]
MR. ARVIND C. KERING (P.A.H.)
400#1ST FLOOR, KUMAR CAPITAL, 2413, EAST STREET, CAMP, PUNE-411001
PROJECT -
PROPOSED RESI. GROUP HOUSING SCHEME
ON S. NO. 12/1/4, 12/1/23, 12/1/2, 12/1/3, 12/3/1, 12/3/124,
12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 13/1/2/1
AT VILLAGE UNDRI, TALUKA HAVELI, DISTRICT PUNE
ARCHITECT -
[Signature] JAGADISH P. DESHPANDE
ARCHITECTS-TOWN PLANNERS-INTERIOR DESIGNERS
A-1, SUCCESS CHAMBERS, 1332 APTE ROAD,
DECCAN GYMKHANA, PUNE-411004
PH. NO. 25632182, 25631141.
JAGADISH P. DESHPANDE
C.A. 848818 FAX. NO. 020-25532025
DATE 20/10/2016 DEALT BY AMOL REVISED BY AMOL CHECKED BY DP SCALE 1:100
C:\Vumar properties\work\proj.no.12812\plans\april13\submitter drawings\4th section\building\building 8 1.p

Approved as amended in
subject to conditions mentioned in Annexure 'A'
of letter No. BHA/2016/10/320/2016 dated 30/08/2016
S. No./G. No. 123/10/02/2016
Date 09/10/2016
Metropolitan Commissioner and
Chief Executive Officer
Pune Metropolitan Regional Development Authority, Pune.

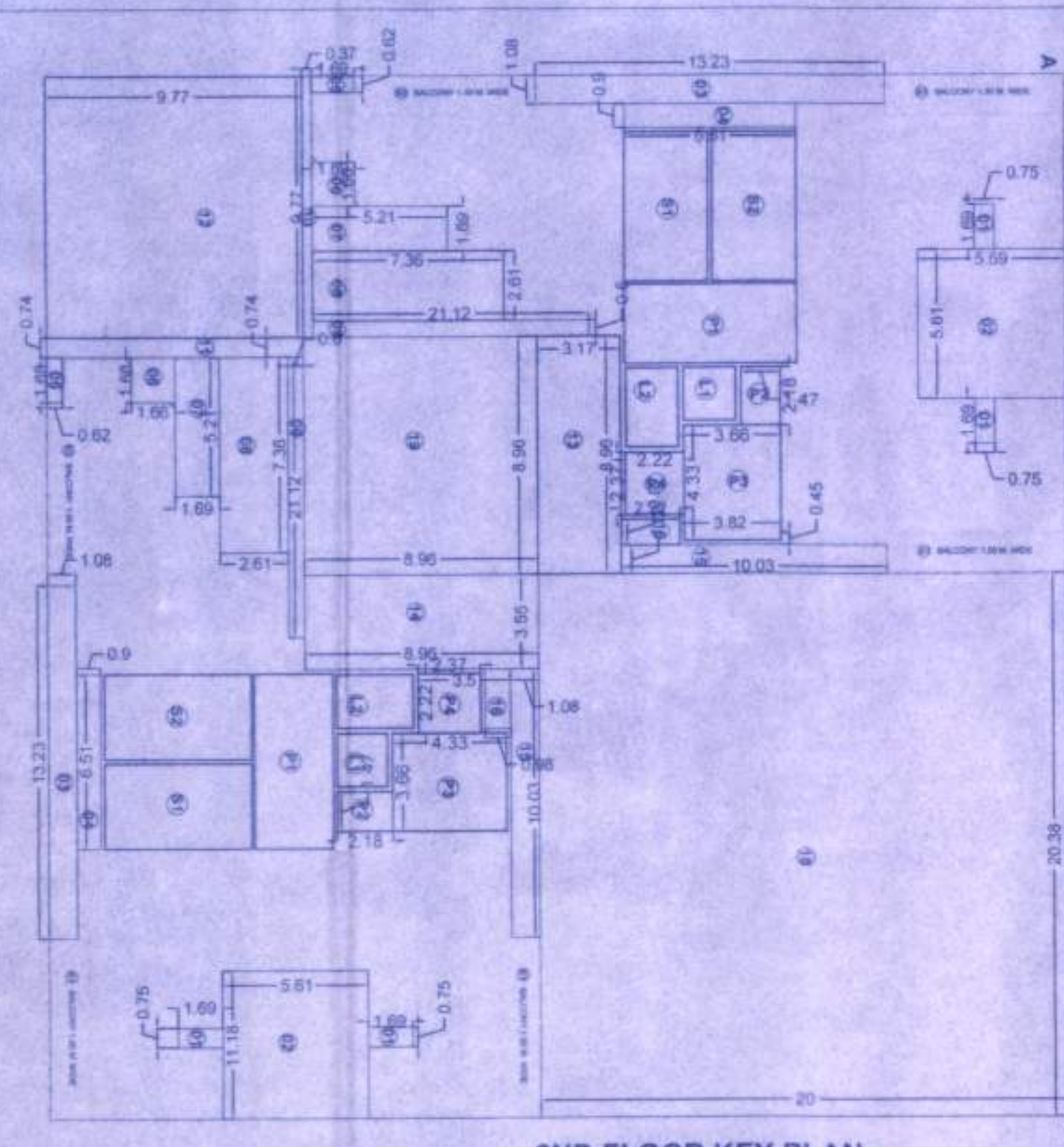


1ST FLOOR AREA STATEMENT				
A	39.11	x	36.73	x 1 = 1514.73
DEDUCTION				
1	1.89	x	0.75	x 4 = 5.07
2	5.61	x	5.59	x 2 = 62.72
3	13.23	x	1.08	x 2 = 28.58
4	6.51	x	0.90	x 2 = 11.72
5	1.68	x	0.62	x 2 = 2.08
6	1.56	x	1.69	x 2 = 5.61
7	5.21	x	1.68	x 2 = 17.51
8	7.36	x	2.61	x 2 = 38.42
9	10.57	x	0.90	x 2 = 12.66
10	9.77	x	0.37	x 1 = 3.61
11	9.77	x	0.74	x 1 = 7.23
12	9.77	x	9.77	x 1 = 95.45
13	8.96	x	3.17	x 1 = 28.40
14	8.96	x	3.55	x 1 = 31.81
15	10.03	x	1.08	x 2 = 21.66
16	6.04	x	3.50	x 2 = 42.28
17	0.98	x	3.06	x 2 = 7.25
18	2.16	x	1.47	x 2 = 8.41
19	20.00	x	20.38	x 1 = 407.60
20	8.96	x	8.96	x 1 = 80.28
LIFT				
L1	1.98	x	1.98	x 2 = 7.84
L2	1.98	x	2.98	x 2 = 11.80
PASSAGE				
P1	6.51	x	2.98	x 2 = 38.80
STAIRCASE				
S1	5.60	x	3.17	x 2 = 35.50
S2	5.60	x	3.17	x 2 = 35.50
BALCONY				
B1	6.80	x	1.50	x 4 = 40.80
B2	6.88	x	1.48	x 2 = 20.36
TOTAL DEDUCTION = 1108.99				
NET BUILT UP = 407.74				



1ST FLOOR KEY PLAN
SCALE= 1:200

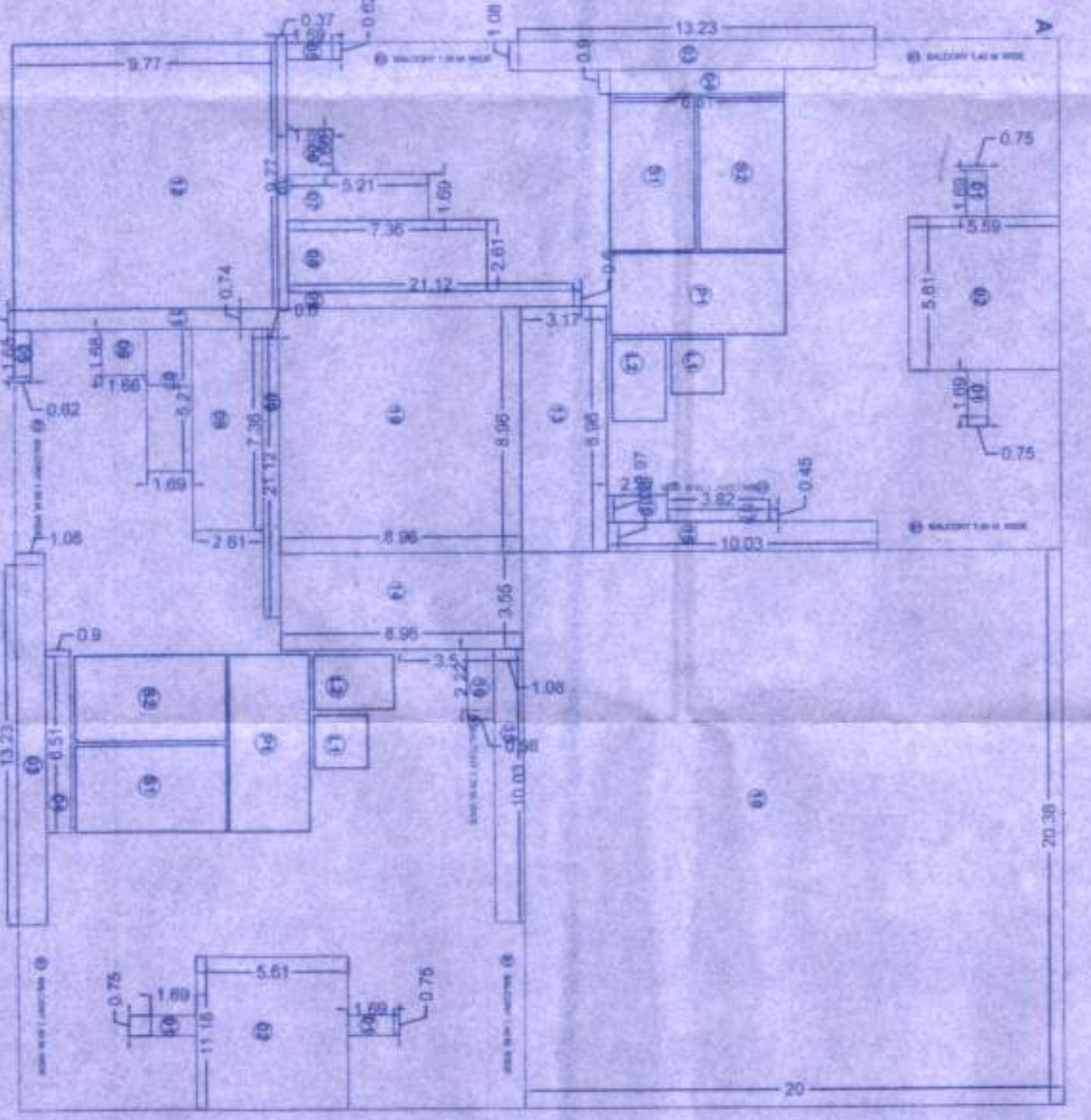
2ND FLOOR AREA STATEMENT				
A	39.11	x	36.73	x 1 = 1514.73
DEDUCTION				
1	1.89	x	0.75	x 4 = 5.07
2	5.61	x	5.59	x 2 = 62.72
3	13.23	x	1.08	x 2 = 28.58
4	6.51	x	0.90	x 2 = 11.72
5	1.68	x	0.62	x 2 = 2.08
6	1.56	x	1.69	x 2 = 5.61
7	5.21	x	1.68	x 2 = 17.51
8	7.36	x	2.61	x 2 = 38.42
9	10.57	x	0.90	x 2 = 12.66
10	9.77	x	0.37	x 1 = 3.61
11	9.77	x	0.74	x 1 = 7.23
12	9.77	x	9.77	x 1 = 95.45
13	8.96	x	3.17	x 1 = 28.40
14	8.96	x	3.55	x 1 = 31.81
15	10.03	x	1.08	x 2 = 21.66
16	2.22	x	0.98	x 2 = 4.35
17	20.00	x	20.38	x 1 = 407.60
18	8.96	x	8.96	x 1 = 80.28
LIFT				
L1	1.98	x	1.98	x 2 = 7.84
L2	1.98	x	2.98	x 2 = 11.80
PASSAGE				
P1	6.51	x	2.98	x 2 = 38.80
P2	2.34	x	1.47	x 2 = 8.86
P3	0.98	x	3.06	x 2 = 7.25
P4	2.37	x	5.98	x 2 = 27.87
P5	3.68	x	1.14	x 2 = 8.34
STAIRCASE				
S1	5.60	x	3.17	x 2 = 35.50
S2	5.60	x	3.17	x 2 = 35.50
BALCONY				
B1	6.80	x	1.50	x 4 = 40.80
B2	6.88	x	1.48	x 2 = 20.36
TOTAL DEDUCTION = 1105.89				
NET BUILT UP = 408.84				



2ND FLOOR KEY PLAN
SCALE= 1:200

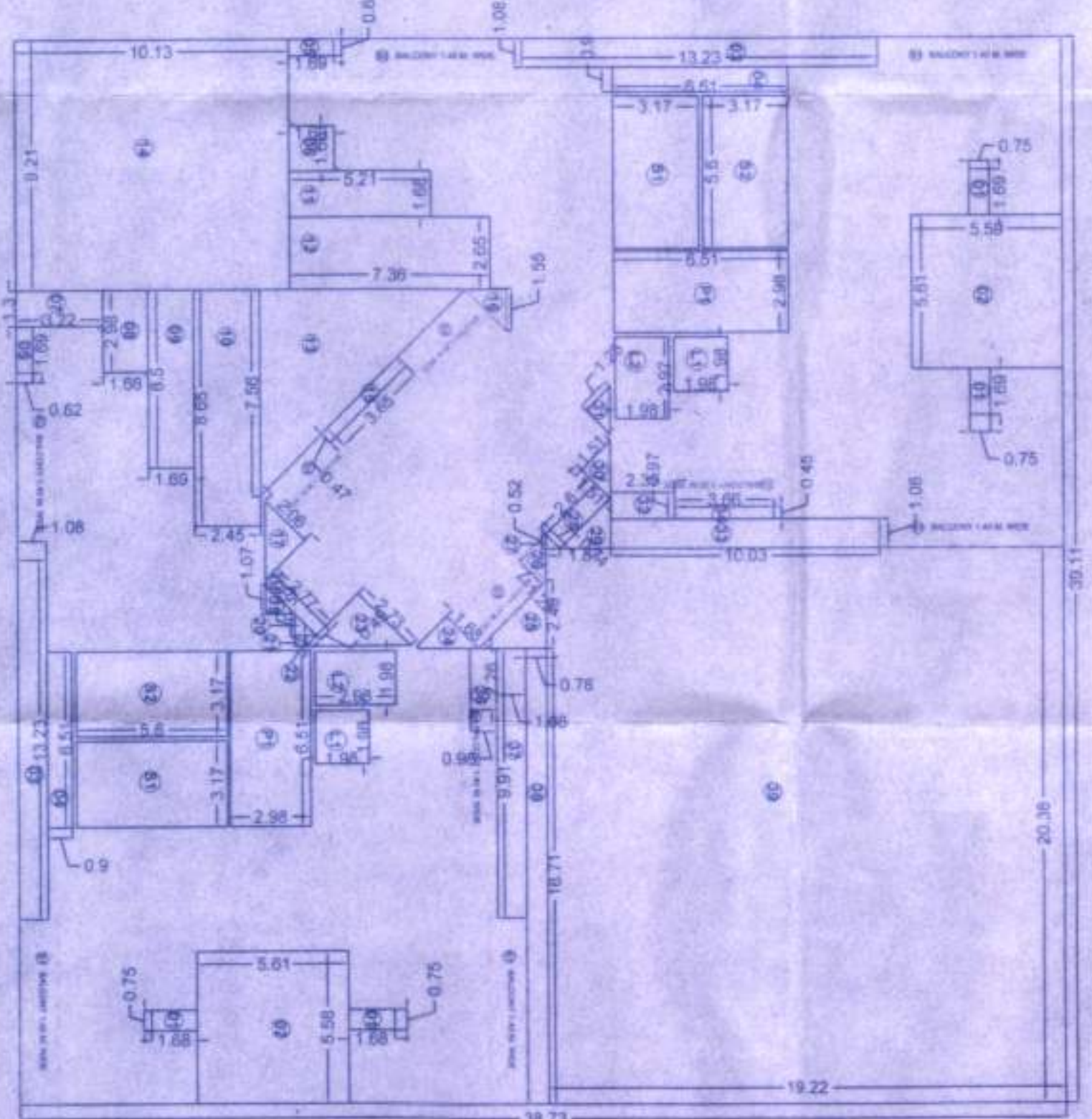
TYPICAL 9TH TO 14TH FLOOR AREA STATEMENT				
A	39.11	x	36.73	x 1 = 1514.73
DEDUCTION				
1	1.89	x	0.75	x 4 = 5.07
2	5.61	x	5.59	x 2 = 62.72
3	13.23	x	1.08	x 2 = 28.58
4	0.90	x	6.51	x 2 = 11.72
5	0.62	x	1.69	x 2 = 2.10
6	1.69	x	1.69	x 1 = 2.91
7	1.30	x	3.22	x 1 = 4.19
8	2.98	x	1.56	x 1 = 4.95
9	6.50	x	1.98	x 1 = 10.92
10	8.65	x	2.45	x 1 = 21.16
11	1.68	x	5.21	x 1 = 8.75
12	2.65	x	7.36	x 1 = 19.50
13	7.96	x	7.56	x 0.5 = 28.58
14	9.21	x	10.13	x 1 = 93.30
15	0.48	x	3.65	x 1 = 1.68
16	1.55	x	1.55	x 0.5 = 1.20
17	2.06	x	2.06	x 0.5 = 2.12
18	2.77	x	0.49	x 1 = 1.36
19	1.07	x	1.07	x 0.5 = 0.67
20	0.81	x	0.81	x 0.5 = 0.33
21	0.39	x	0.39	x 1 = 0.15
22	0.39	x	0.39	x 0.5 = 0.08
23	2.73	x	2.73	x 0.5 = 3.73
24	1.88	x	1.68	x 0.5 = 1.41
25	2.49	x	2.49	x 0.5 = 3.10
26	1.22	x	1.22	x 0.5 = 0.74
27	0.92	x	0.92	x 0.5 = 0.14
28	0.74	x	2.60	x 1 = 1.92
29	1.87	x	1.87	x 0.5 = 1.75
30	1.51	x	1.51	x 0.5 = 1.14
31	1.25	x	1.25	x 0.5 = 0.78
32	2.29	x	0.97	x 1 = 2.32
33	1.08	x	10.03	x 1 = 10.83
34	0.45	x	3.86	x 1 = 1.55
35	2.25	x	0.98	x 1 = 2.21
36	1.08	x	9.91	x 1 = 10.70
37	0.78	x	16.71	x 1 = 13.03
38	20.38	x	19.22	x 1 = 391.70
LIFT				
L1	1.98	x	1.98	x 2 = 7.84
L2	1.98	x	2.98	x 2 = 11.80
PASSAGE				
P1	6.50	x	2.98	x 2 = 38.74
STAIRCASE				
S1	5.60	x	3.17	x 2 = 35.50
S2	5.60	x	3.17	x 2 = 35.50
BALCONY				
B1	6.80	x	1.40	x 4 = 38.08
B2	6.88	x	1.40	x 2 = 19.26
B3	3.52	x	1.37	x 1 = 4.82
B4	3.52	x	1.30	x 2 = 9.15
B5	3.69	x	1.30	x 2 = 10.35
TOTAL DEDUCTION = 970.07				
NET BUILT UP = 544.60				

TYPICAL 3RD TO 7TH FLOOR AREA STATEMENT				
A	39.11	x	36.73	x 1 = 1514.73
DEDUCTION				
1	1.89	x	0.75	x 4 = 5.07
2	5.61	x	5.59	x 2 = 62.72
3	13.23	x	1.08	x 2 = 28.58
4	6.51	x	0.90	x 2 = 11.72
5	1.68	x	0.62	x 2 = 2.08
6	1.56	x	1.69	x 2 = 5.61
7	5.21	x	1.68	x 2 = 17.51
8	7.36	x	2.61	x 2 = 38.42
9	10.57	x	0.90	x 2 = 12.66
10	9.77	x	0.37	x 1 = 3.61
11	9.77	x	0.74	x 1 = 7.23
12	9.77	x	9.77	x 1 = 95.45
13	8.96	x	3.17	x 1 = 28.40
14	8.96	x	3.55	x 1 = 31.81
15	10.03	x	1.08	x 2 = 21.66
16	2.22	x	0.98	x 2 = 4.35
17	3.82	x	0.45	x 1 = 1.72
18	20.00	x	20.38	x 1 = 407.60
19	8.96	x	8.96	x 1 = 80.28
LIFT				
L1	1.98	x	1.98	x 2 = 7.84
L2	1.98	x	2.98	x 2 = 11.80
PASSAGE				
P1	6.51	x	2.98	x 2 = 38.80
STAIRCASE				
S1	5.60	x	3.17	x 2 = 35.50
S2	5.60	x	3.17	x 2 = 35.50
BALCONY				
B1	6.80	x	1.40	x 4 = 38.08
B2	6.88	x	1.35	x 2 = 18.58
B3	3.98	x	1.38	x 2 = 10.98
TOTAL DEDUCTION = 1063.80				
NET BUILT UP = 451.13				



3RD TO 7TH FLOOR KEY PLAN
SCALE= 1:200

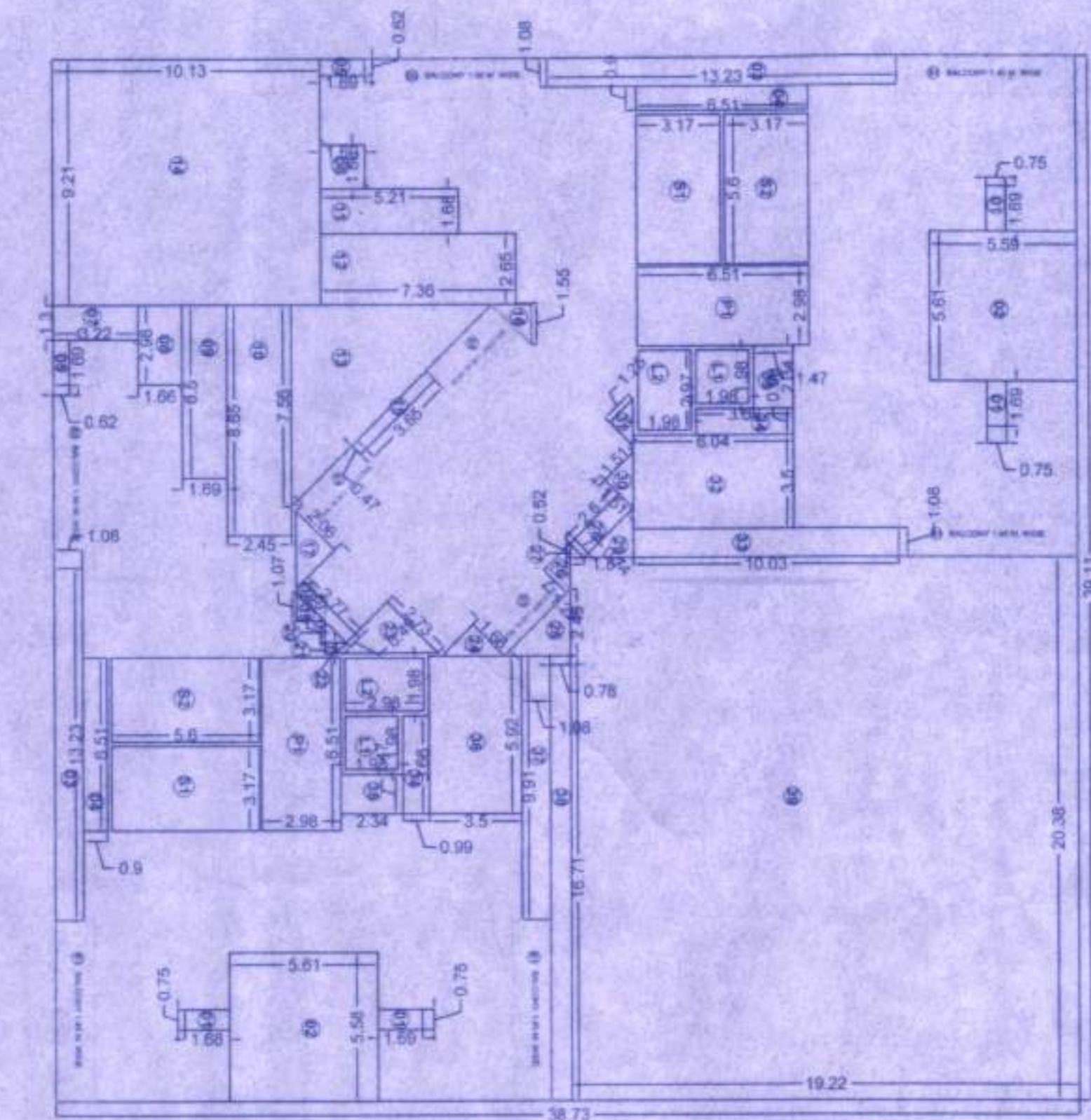
TYPICAL 9TH TO 14TH FLOOR AREA STATEMENT				
A	39.11	x	36.73	x 1 = 1514.73
DEDUCTION				
1	1.89	x	0.75	x 4 = 5.07
2	5.61	x	5.59	x 2 = 62.72
3	13.23	x	1.08	x 2 = 28.58
4	6.51	x	0.90	x 2 = 11.72
5	1.68	x	0.62	x 2 = 2.08
6	1.56	x	1.69	x 2 = 5.61
7	5.21	x	1.68	x 2 = 17.51
8	7.36	x	2.61	x 2 = 38.42
9	10.57	x	0.90	x 2 = 12.66
10	9.77	x	0.37	x 1 = 3.61
11	9.77	x	0.74	x 1 = 7.23
12	9.77	x	9.77	x 1 = 95.45
13	8.96	x	3.17	x 1 = 28.40
14	8.96	x	3.55	x 1 = 31.81
15	10.03	x	1.08	x 2 = 21.66
16	2.22	x	0.98	x 2 = 4.35
17	3.82	x	0.45	x 1 = 1.72
18	20.00	x	20.38	x 1 = 407.60
19	8.96	x	8.96	x 1 = 80.28
LIFT				
L1	1.98	x	1.98	x 2 = 7.84
L2	1.98	x	2.98	x 2 = 11.80
PASSAGE				
P1	6.51	x	2.98	x 2 = 38.80
STAIRCASE				
S1	5.60	x	3.17	x 2 = 35.50
S2	5.60	x	3.17	x 2 = 35.50
BALCONY				
B1	6.80	x	1.40	x 4 = 38.08
B2	6.88	x	1.35	x 2 = 18.58
B3	3.98	x	1.38	x 2 = 10.98
TOTAL DEDUCTION = 1063.80				
NET BUILT UP = 451.13				



9TH TO 14TH FLOOR KEY PLAN
SCALE= 1:200

OWNER'S NAME, ADDRESS, SIGNATURE :
MR. KEVALKUMAR K. JAIN (P.A.H.)
MR. ARVIND C. KERING (P.A.H.)
ADD-1ST FLOOR, KUMAR CAPITAL, 2413, EAST STREET, CAMP, PUNE-411004
PROJECT -
PROPOSED RESI. GROUP HOUSING SCHEME
ON S. NO. 12/1/4, 12/1/3, 12/1/2, 12/1/1, 12/2/3A, 12/3B, 12/4,
12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 13/1/2/1
AT VILLAGE UNDRI, TALUKA HAVELI, DISTRICT PUNE.
ARCHITECT :-
JAGADISH P. DESHPANDE
ARCHITECTS-TOWN PLANNERS-INTERIOR DESIGNERS
A-1, SUCCESS CHAMBERS, 1232 APTE ROAD,
DECCAN GYM-HALLA, PUNE-411004.
FAX. NO. 020-2532325
DATE 20/10/2016 DEALT BY AMOL REVISED BY AMOL CHECKED BY DP SCALE 1:100
P:\kumar_properties\undri\sr.no.1281\pdm_sprng\admission drawings\4th section\building\building B.tg

Approved as amended in
subject to conditions mentioned in Annexure 'A'
of letter No. BHA/10/10/2016/218/Mouza-321
S.No/G.No./T.No. 22-II, 22-III
Dated 05/02/2016
[Signature]
Metropolitan Commissioner and
Chief Executive Officer
Pune Metropolitan Regional Development Authority, Pune.



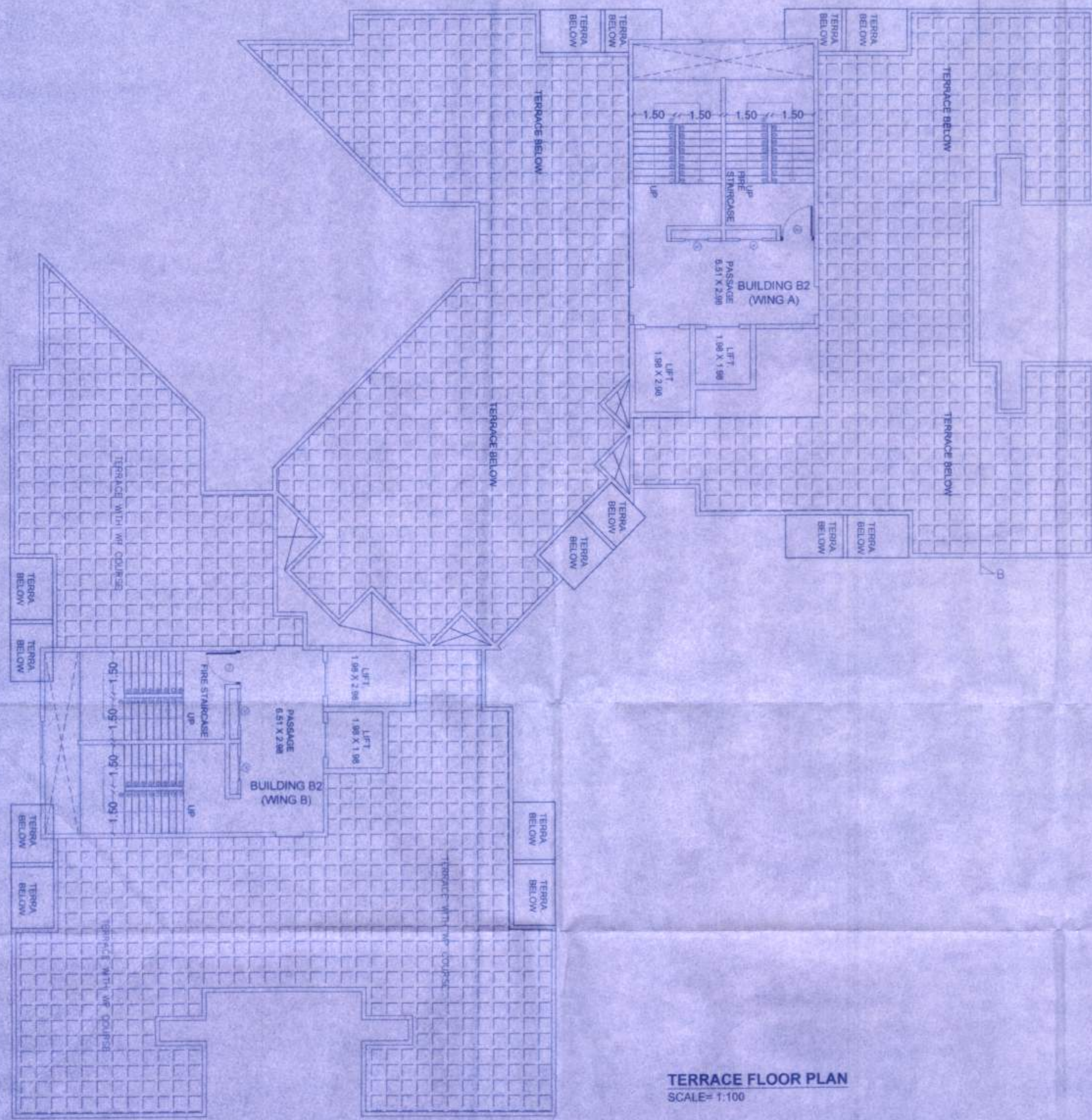
8TH, 12TH REFUSE FLOOR KEY PLAN
SCALE= 1:200

8TH, 12TH REFUSE FLOOR AREA STATEMENT

A	39.11 x 38.73 x 1 = 1514.73
DEDUCTION	
1	1.98 x 0.75 x 4 = 5.07
2	5.61 x 5.59 x 2 = 62.72
3	13.23 x 1.08 x 2 = 28.56
4	0.90 x 6.51 x 2 = 11.72
5	0.82 x 1.69 x 2 = 2.10
6	1.66 x 1.69 x 1 = 2.81
7	1.30 x 3.22 x 1 = 4.19
8	2.98 x 1.66 x 1 = 4.95
9	5.50 x 1.66 x 1 = 10.90
10	8.65 x 2.45 x 1 = 21.19
11	1.68 x 5.21 x 1 = 8.75
12	2.65 x 7.36 x 1 = 19.50
13	7.56 x 7.96 x 0.5 = 28.58
14	9.21 x 10.13 x 1 = 93.30
15	0.46 x 3.55 x 1 = 1.66
16	1.55 x 1.55 x 0.5 = 1.20
17	2.06 x 2.06 x 0.5 = 2.12
18	2.77 x 0.49 x 1 = 1.36
19	1.07 x 1.07 x 0.5 = 0.57
20	0.81 x 0.81 x 0.5 = 0.33
21	0.39 x 0.39 x 1 = 0.15
22	0.30 x 0.39 x 0.5 = 0.08
23	2.73 x 2.73 x 0.5 = 3.73
24	1.68 x 1.88 x 0.5 = 1.41
25	2.49 x 2.49 x 0.5 = 3.10
26	1.22 x 1.22 x 0.5 = 0.74
27	0.52 x 0.52 x 0.5 = 0.14
28	0.74 x 2.60 x 1 = 1.92
29	1.87 x 1.87 x 0.5 = 1.75
30	1.51 x 1.51 x 0.5 = 1.14
31	1.25 x 1.25 x 0.5 = 0.78
32	3.50 x 6.04 x 1 = 21.14
33	1.08 x 10.03 x 1 = 10.83
34	0.99 x 3.56 x 2 = 7.25
35	2.34 x 1.47 x 2 = 6.88
36	5.92 x 3.50 x 1 = 20.72
37	1.08 x 9.91 x 1 = 10.70
38	0.75 x 16.71 x 1 = 13.03
39	20.38 x 19.22 x 1 = 391.70
LIFT	
L1	1.98 x 1.98 x 2 = 7.84
L2	1.98 x 2.98 x 2 = 11.80
PASSAGE	
P1	6.50 x 2.98 x 2 = 38.74
STAIRCASE	
S1	5.60 x 3.17 x 2 = 35.50
S2	5.60 x 3.17 x 2 = 35.50
BALCONY	
B1	6.60 x 1.45 x 4 = 39.44
B2	6.86 x 1.50 x 2 = 20.64
B3	3.52 x 1.49 x 1 = 5.24
B4	3.52 x 1.40 x 2 = 9.86
TOTAL DEDUCTION = 1013.39	
NET BUILT UP = 501.34	

BUILDING F.S.I. CALCULATION

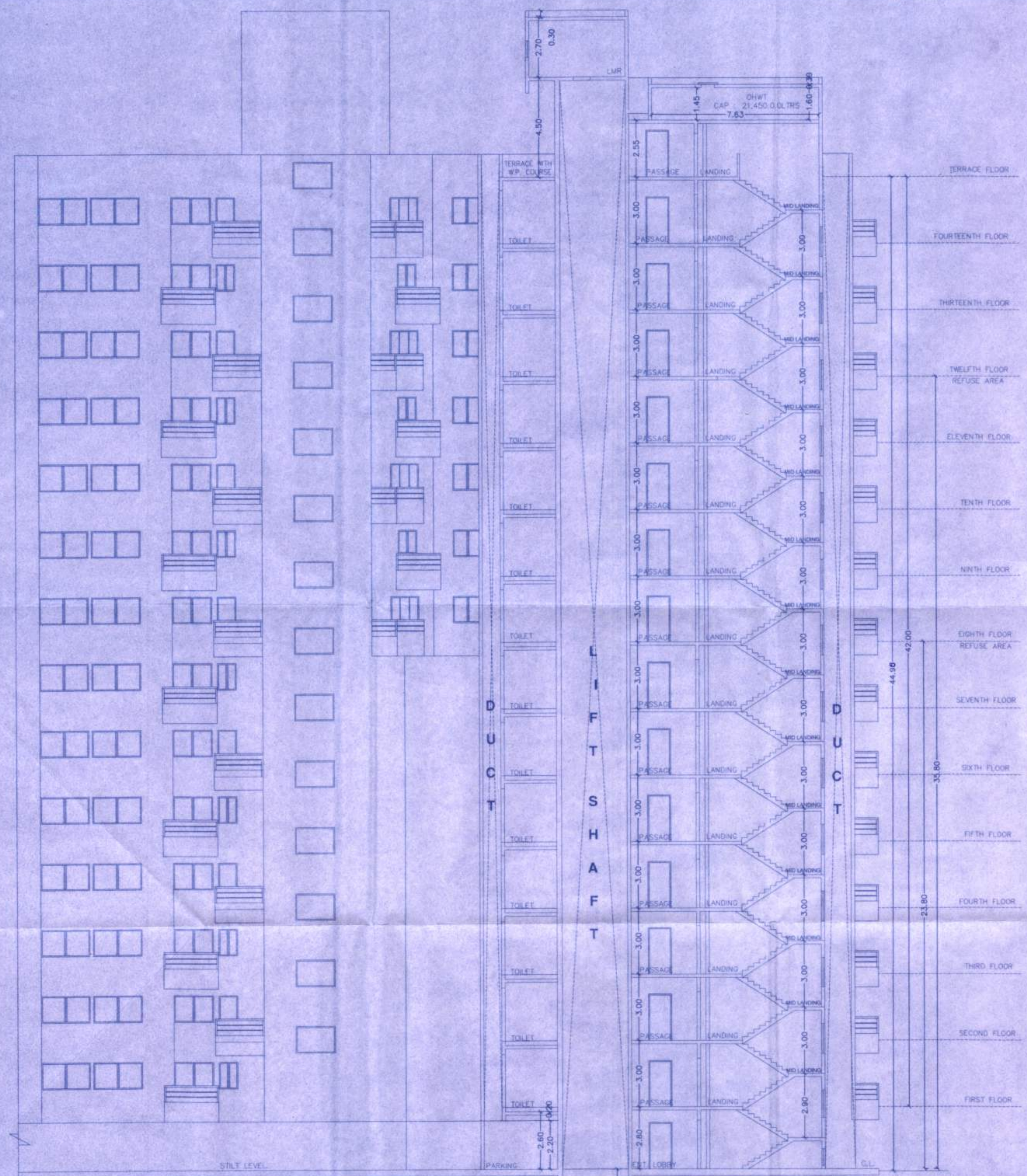
FLOORS	F.S.I.	BALCONY PERM	BALCONY PROP	DRY BALC	FIRE STAIRCASE (S1)	STAIRCASE (S2)	PASSAGE	PERMISSIBLE TERRACE (20%)	PROPOSED TERRACE	LIFT+L.M.R.	TEN
FIRST FLOOR	407.74	61.16	61.16	15.26	35.50	35.50	38.80	81.55	18.51		6
SECOND FLOOR	408.64	61.33	61.30	15.26	35.50	35.50	89.14	81.77	20.06		6
THIRD FLOOR	451.13	67.67	67.94	15.26	35.50	35.50	38.80	90.23	18.51		6
FOURTH FLOOR	451.13	67.67	67.64	15.26	35.50	35.50	38.80	90.23	20.06	9.52	6
FIFTH FLOOR	451.13	67.67	67.64	15.26	35.50	35.50	38.80	90.23	18.51		6
SIXTH FLOOR	451.13	67.67	67.64	15.26	35.50	35.50	38.80	90.23	20.06		6
SEVENTH FLOOR	451.13	67.67	67.64	15.26	35.50	35.50	38.80	90.23	18.51		6
EIGHTH FLOOR(REFUSE)	501.34	75.20	75.18	18.57	35.50	35.50	38.80	100.27	23.61		7
NINTH FLOOR	544.66	81.70	81.67	18.57	35.50	35.50	38.80	108.93	21.45		7
TENTH FLOOR	544.66	81.70	81.67	18.57	35.50	35.50	38.80	108.93	23.61	25.36	7
ELEVENTH FLOOR	544.66	81.70	81.67	18.57	35.50	35.50	38.80	108.93	21.45		7
TWELFTH FLOOR(REFUSE)	601.34	75.20	75.18	18.57	35.50	35.50	38.80	100.27	23.61		7
THIRTEENTH FLOOR	644.66	81.70	81.67	18.57	35.50	35.50	38.80	108.93	21.45		7
FOURTEENTH FLOOR	644.66	81.70	81.67	18.57	35.50	35.50	38.80	108.93	23.61		7
TOTAL	6798.21	1019.73	1019.37	236.81	497.00	497.00	593.54	1359.64	293.01	72.36	91.00



TERRACE FLOOR PLAN
SCALE= 1:100

OWNER'S NAME, ADDRESS, SIGNATURE -
MR. KEVAL KUMAR K. JAIN (P.A.H.)
[Signature]
MR. ARWIND C. KERING (P.A.H.)
ADD-1ST FLOOR, KUMAR CAPITAL, 2413, EAST STREET, CAMP, PUNE-411001
PROJECT -
PROPOSED RESI. GROUP HOUSING SCHEME
ON S. NO. 12/1/4, 12/1/23, 12/1/2, 12/1/3, 12/2, 12/3A, 12/3B, 12/4,
12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 13/1/2/1
AT VILLAGE UNDRI, TALUKA HAVELI, DISTRICT PUNE.
ARCHITECT :-
[Signature]
JAGADISH P. DESHPANDE
ARCHITECTS-TOWN PLANNERS-INTERIOR DESIGNERS
A-1 SUCCES CHAMBERS, 1232 APTE ROAD,
DECCAN GYMHANA, PUNE-411004
PH. NO. 25532182, 25531141
JAGADISH P. DESHPANDE
C.A.448318
FAX. NO. 020-29632335
DATE 20/10/2016
DEALT BY AMOL
REVISED BY AMOL
CHECKED BY DP
SCALE 1:100
C:\Users\prajwal\OneDrive\Documents\12113\pdm_spring\submission drawings\4th section\building\building B.tg

Approved as amended in
subject to conditions in Annexure 'A'
of letter No. BHA/.../92/04/35
S.No/G.No./TS.No. 9A/7, 9B/11
Dated 02/02/2008
Metropolitan Commissioner and
Chief Executive Officer
Pune Metropolitan Regional Development Authority, Pune.



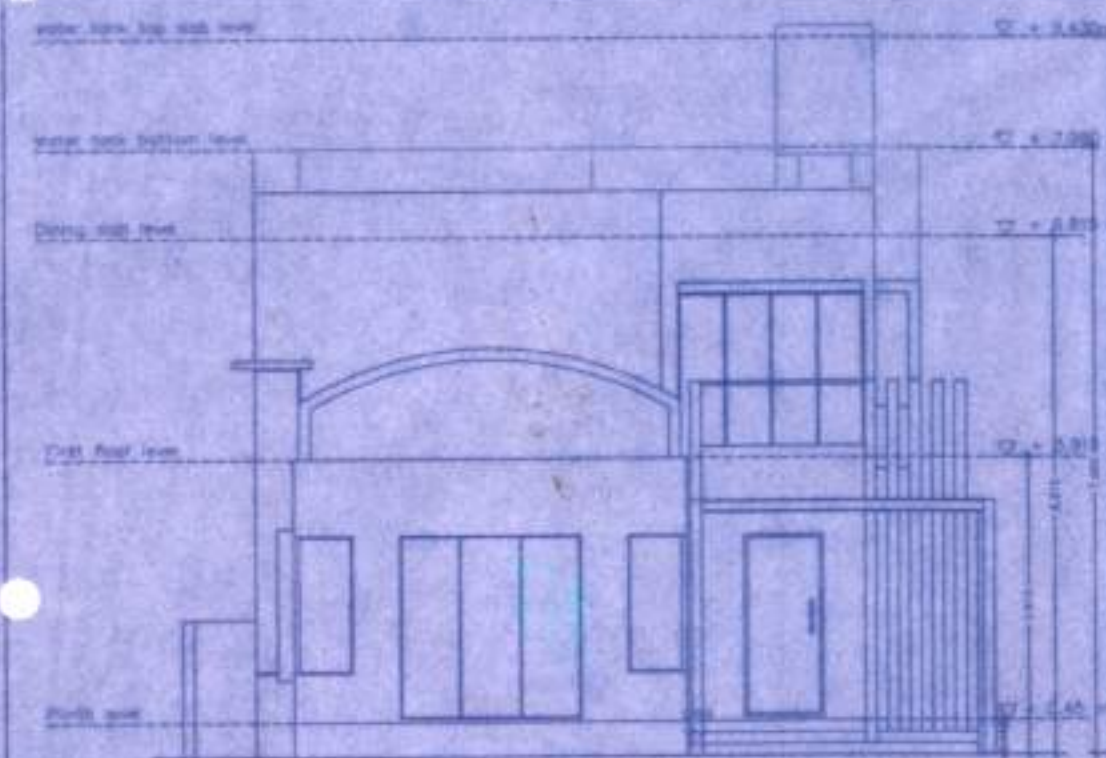
SECTION A-A
SCALE= 1:100

OWNER'S NAME, ADDRESS, SIGNATURE
MR. KEVALKUMAR K. JAIN (P.A.H.)
MR. ARVIND C. KERRINS (P.A.H.)
ADD-1ST FLOOR, KUNAR CAPITAL, 2413, EAST STREET, CAMP, PUNE-411001

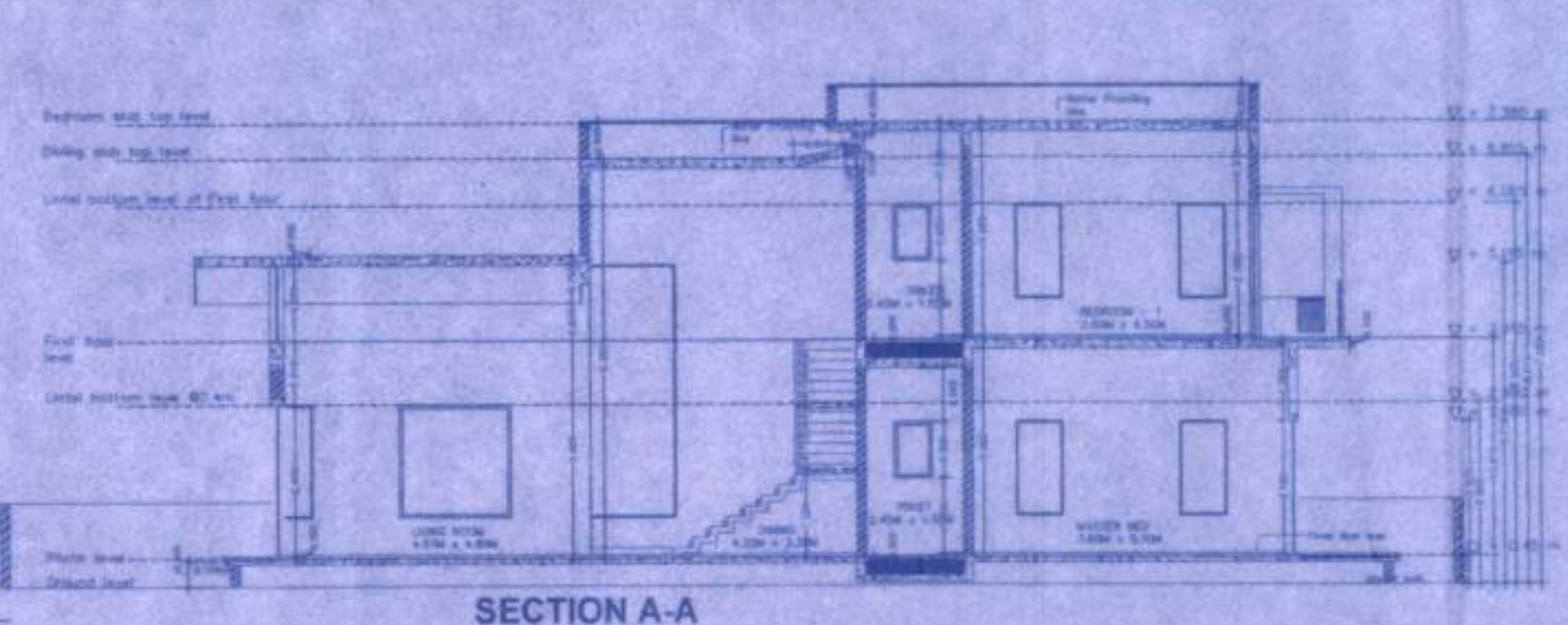
PROJECT -
PROPOSED RESI. GROUP HOUSING SCHEME
ON S. NO. 12/1/4, 12/1/3, 12/1/2, 12/1/3, 12/2, 12/3A, 12/3B, 12/4,
12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 13/1/2/1
AT VILLAGE UNDRI, TALUKA HAVELI, DISTRICT PUNE.

ARCHITECT -
JAGADISH P. DESHPANDE
ARCHITECTS-TOWN PLANNERS-INTERIOR DESIGNERS
A-1, SUCCESS CHAMBERS, 12/12 APTE ROAD,
DECCAN GYMKHANA, PUNE 411004
PH. NO. 25532182, 25531141
JAGADISH P. DESHPANDE
C.A. 948315
FAX NO. 629-25532325

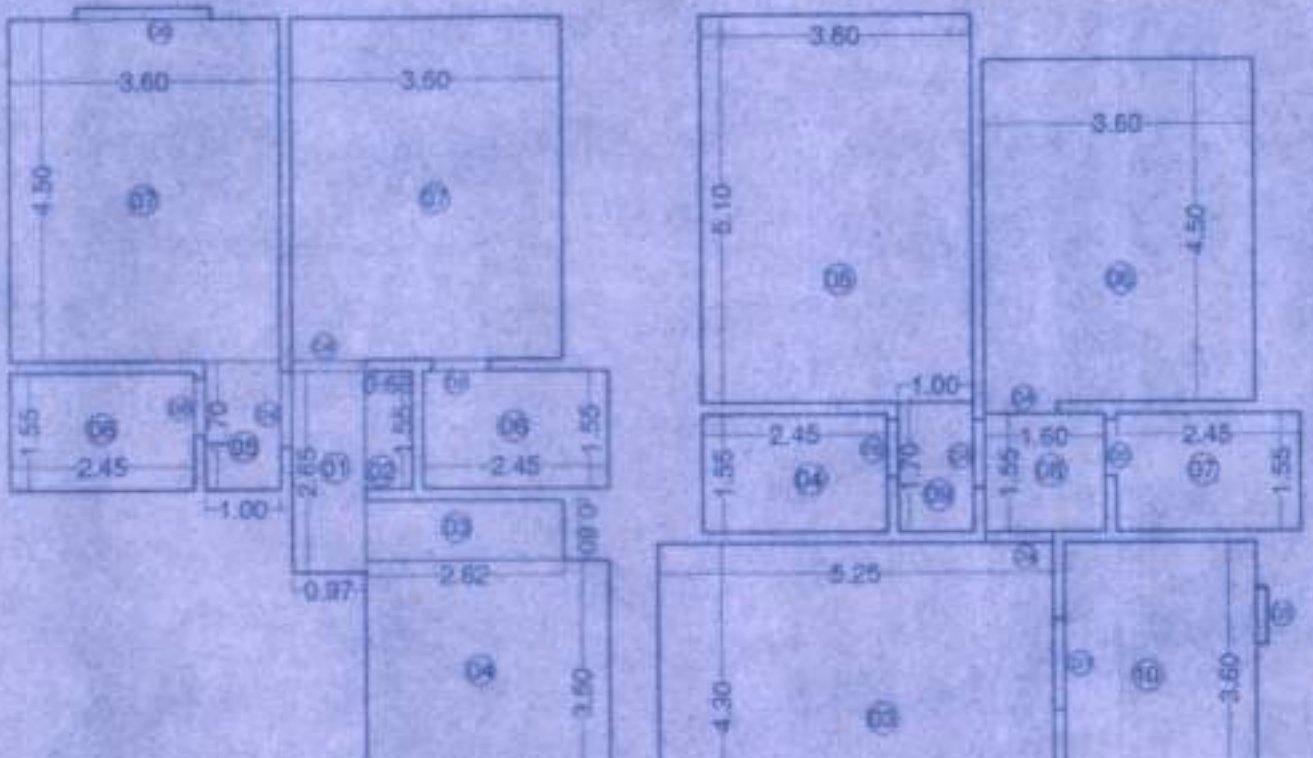
DATE	DEALT BY	REVISED BY	CHECKED BY	SCALE
20/10/2016	AMOL	AMOL	DP	1:100



ELEVATION
SCALE= 1:100



SECTION A-A
SCALE= 1:100



CARPET AREA - GROUND FLOOR

1	2.47	X	1.60	X	1	=	3.95	
2	4.95	X	4.57	X	1	=	22.62	
3	5.25	X	4.30	X	1	=	22.58	
4	2.45	X	1.55	X	1	=	3.80	
5	3.60	X	5.10	X	1	=	18.36	
6	3.60	X	4.50	X	1	=	16.20	
7	2.45	X	1.55	X	1	=	3.80	
8	1.80	X	1.55	X	1	=	2.80	
9	1.00	X	1.70	X	1	=	1.70	
10	2.55	X	3.60	X	1	=	9.18	
11	1.15	X	0.60	X	1	=	0.69	
12	1.55	X	1.75	X	1	=	2.71	
13	0.90	X	1.05	X	1	=	0.95	
D1	1.20	X	0.15	X	2	=	0.36	
D4	0.90	X	0.15	X	3	=	0.41	
D5	0.75	X	0.15	X	3	=	0.34	
D6	0.60	X	0.45	X	1	=	0.09	
D	0.95	X	0.23	X	1	=	0.21	
TOTAL CARPET AREA							=	110.41

WATER CALCULATION STATEMENT

OVERHEAD WATER TANK

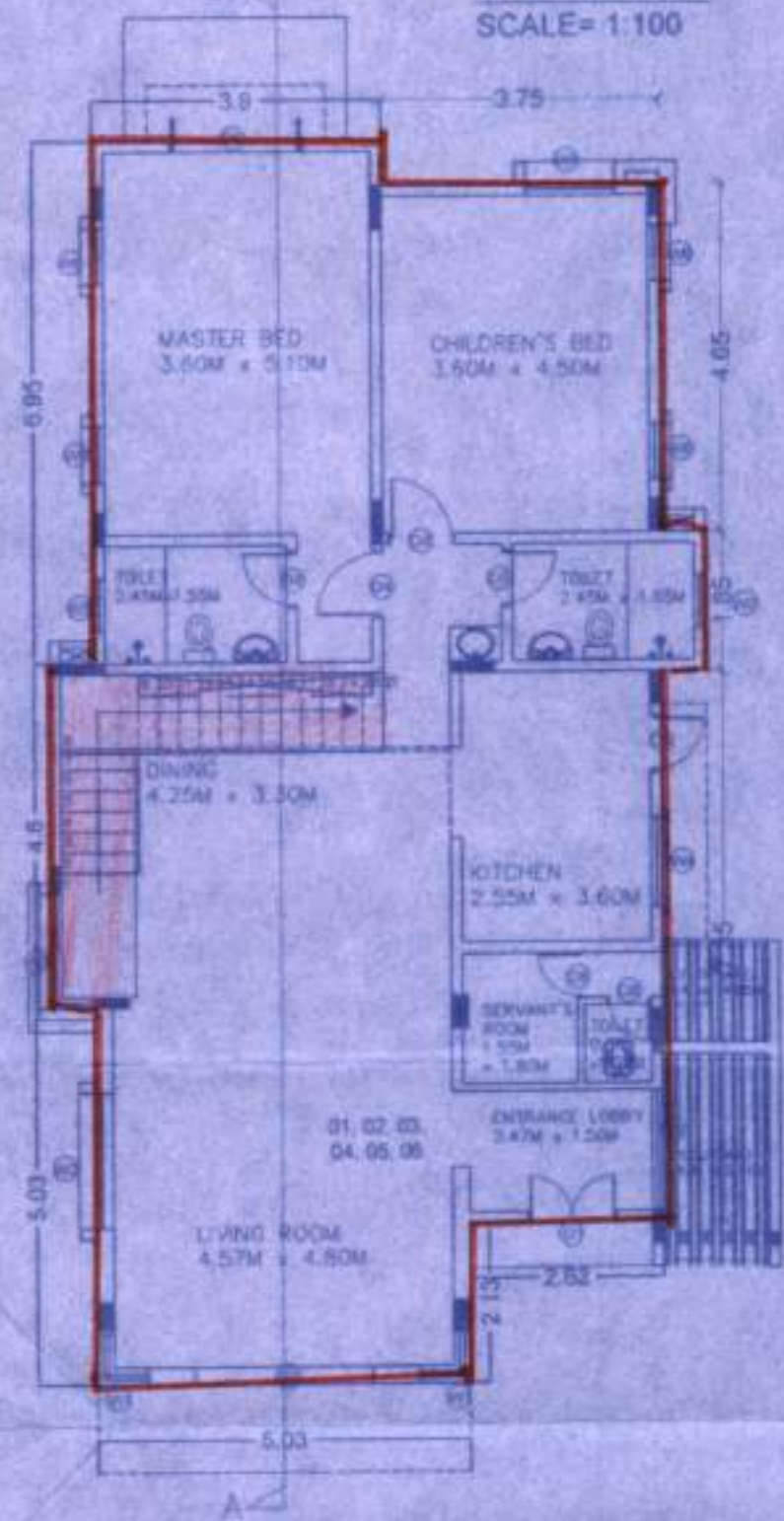
TOTAL NO. OF PERSON X 135LTRS	LITERS
1 X 5 X 135 LTRS	675

UNDERGROUND WATER TANK

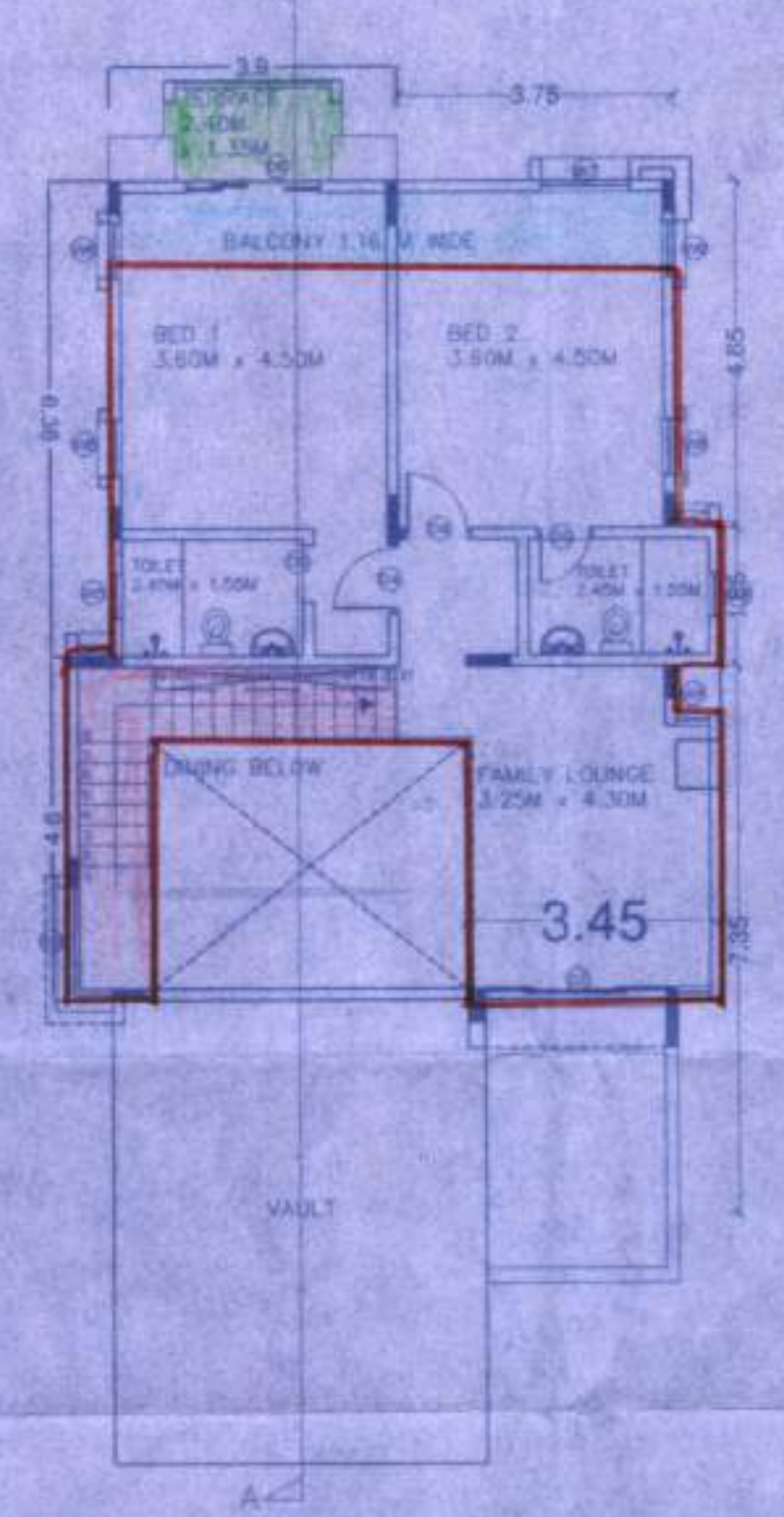
675 X 1.50	1013
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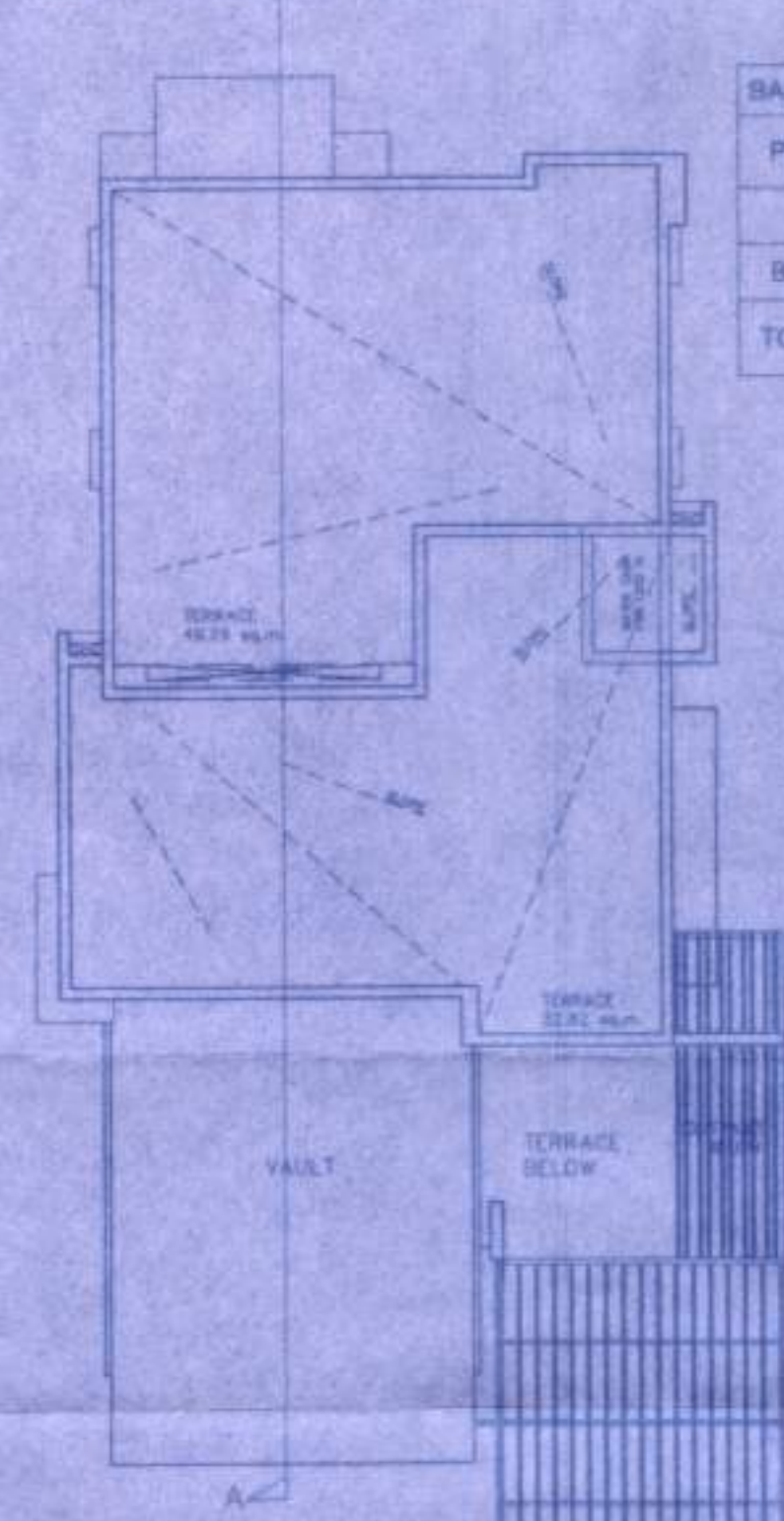
SECTION Y-Y
SECTION THROUGH SUMP WELL



GROUND FLOOR PLAN
SCALE= 1:100



FIRST FLOOR PLAN
SCALE= 1:100



TERRACE PLAN
SCALE= 1:100

BALCONY CALCULATION OF TYPICAL FLOOR

PERMISSIBLE BAL = 15% OF NET BUILT UP

59.38 X 15%	=	8.91
B1 7.65 X 1.16 X 1	=	8.87
TOTAL BALCONY PROVIDED = 8.87		

CARPET AREA - FIRST FLOOR

1	0.97	X	2.85	X	1	=	2.87	
2	1.55	X	0.63	X	1	=	0.98	
3	2.62	X	0.80	X	1	=	2.10	
4	3.23	X	3.90	X	1	=	11.31	
5	1.00	X	1.70	X	1	=	1.70	
6	2.45	X	1.55	X	2	=	7.60	
7	3.60	X	4.50	X	2	=	32.40	
D4	0.90	X	0.15	X	2	=	0.27	
D5	0.75	X	0.15	X	2	=	0.23	
D6	1.80	X	0.15	X	1	=	0.27	
D7	2.47	X	0.15	X	1	=	0.37	
TOTAL CARPET AREA							=	59.78

BUILDING F.S.I. CALCULATION

FLOORS	FSI	BALCONY PERM	BALCONY PROP	DRY BALC	STAIRCASE (52)	PASSAGE	PERMISSIBLE TERRACE (20%)	PROPOSED TERRACE	TEN
GROUND FLOOR	118.63	17.48	0.00	0.00	6.25	0.00	23.33	0.00	
FIRST FLOOR	58.42	8.91	8.97	0.00	0.00	0.00	11.89	3.24	1
TOTAL	178.0500	26.4075	8.9700	0.0000	6.2500	0.0000	35.2100	3.2400	1

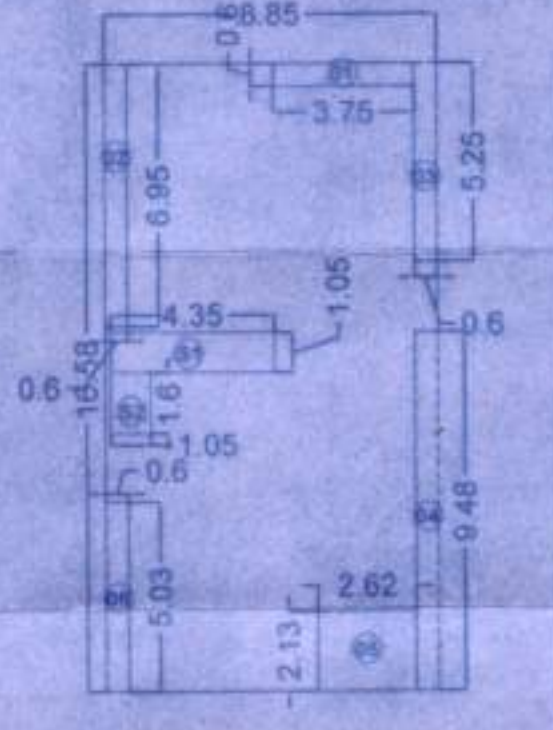
SCHEDULE OF OPENINGS

DOORS -

- D1 = 1.20 X 2.10
- D2 = 2.40 X 2.10
- D3 = 1.60 X 2.10
- D4 = 0.90 X 2.10
- D5 = 0.75 X 2.10
- D6 = 1.80 X 2.10
- D7 = 2.47 X 2.10

WINDOWS -

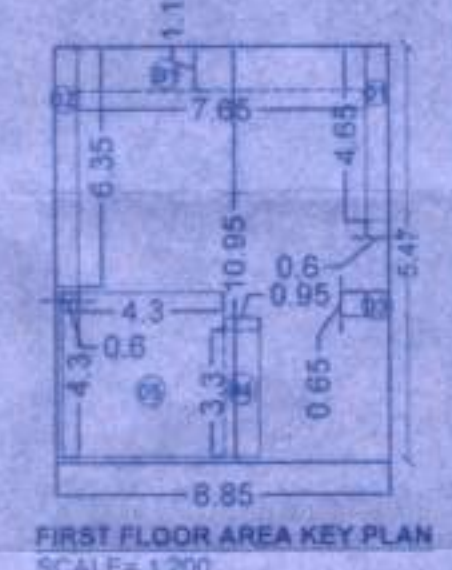
- W1 = 0.60 X 1.20
- W2 = 1.80 X 1.20
- W3 = 1.50 X 1.20
- W4 = 1.21 X 1.20
- W5 = 0.70 X 0.90
- W6 = 0.75 X 1.20
- W7 = 1.20 X 1.20
- W8 = 0.45 X 1.20



GROUND FLOOR AREA KEY PLAN
SCALE= 1:200

GROUND FLOOR AREA STATEMENT

A	18.56	X	8.85	X	1	=	164.73	
DEDUCTION								
1	3.75	X	0.60	X	1	=	2.25	
2	6.55	X	0.60	X	1	=	4.17	
3	5.25	X	0.60	X	1	=	3.15	
4	9.45	X	0.60	X	1	=	5.67	
5	2.62	X	2.13	X	1	=	5.59	
6	5.03	X	0.80	X	1	=	3.02	
STAIRCASE								
S1	4.35	X	1.05	X	1	=	4.57	
S2	1.60	X	1.05	X	1	=	1.68	
TOTAL DEDUCTION							=	30.1041
NET BUILT UP							=	118.63



FIRST FLOOR AREA KEY PLAN
SCALE= 1:200

FIRST FLOOR AREA STATEMENT

A	10.95	X	8.85	X	1	=	96.91	
DEDUCTION								
1	4.65	X	0.60	X	1	=	2.79	
2	9.35	X	0.60	X	1	=	5.61	
3	0.65	X	0.60	X	1	=	0.39	
4	0.95	X	3.30	X	1	=	3.14	
5	4.30	X	4.30	X	1	=	18.49	
BALCONY								
B1	7.6500	X	1.16	X	1	=	8.87	
TOTAL DEDUCTION							=	37.4860
NET BUILT UP							=	59.42

TERRACE AREA CALCULATIONS

1)	2.40	X	1.35	X	1	=	3.24	
TOTAL							=	3.24

Approved as amended in
subject to conditions mentioned in Annexure 'A'
of letter No. 54A/25 No. 22/01/2018 Mousa 32
S. No. JG. No. CTs No. 92 II, 93 II
Dated 08/10/2018

Metropolitan Commissioner and
Chief Executive Officer
Pune Metropolitan Regional Development Authority, Pune.

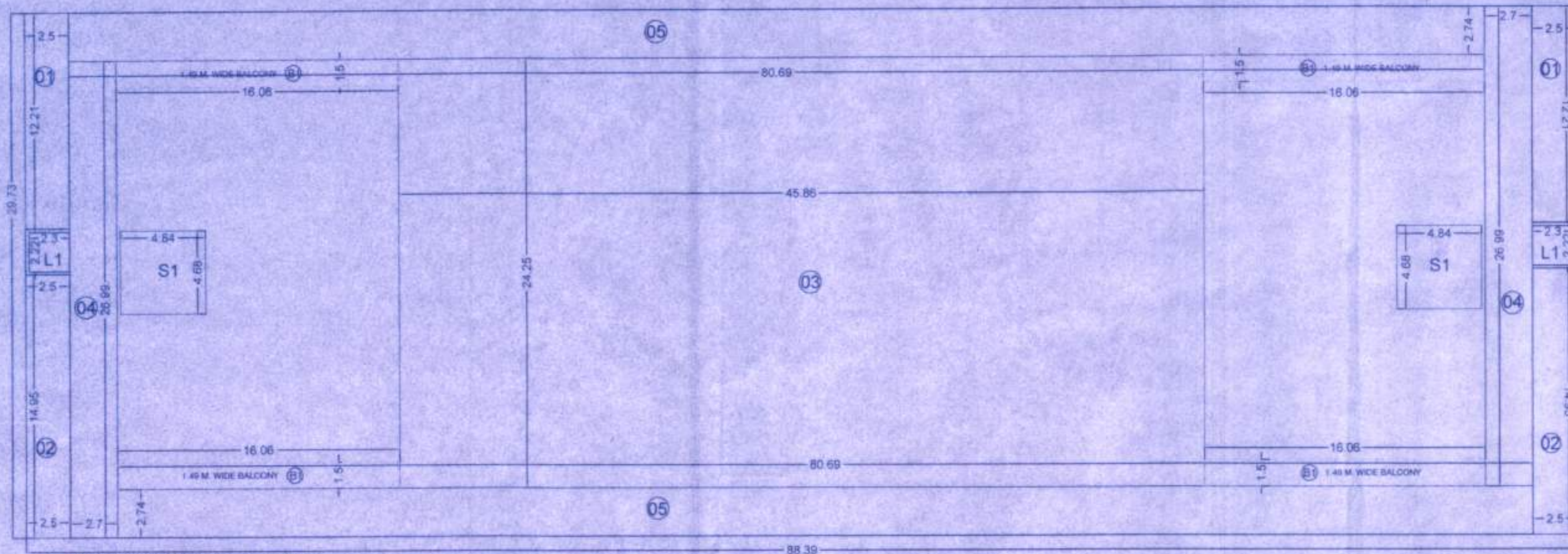


OWNER'S NAME, ADDRESS, SIGNATURE
MR. KEVAL KUMAR K. JAIN (P.A.H.)
MR. ARVIND C. KERING (P.A.H.)
ADD=1ST FLOOR, KUMAR CAPITAL, 2413, EAST STREET, CAMP, PUNE-411001
PROJECT

PROPOSED RESI. GROUP HOUSING SCHEME
ON S. NO. 12/14, 12/13, 12/12, 12/11, 12/12/3A, 12/6B, 12/4,
12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 13/1/2/1
AT VILLAGE UNDRI, TALUKA HAVELI, DISTRICT PUNE.

ARCHITECT -
JAGADISH P. DESHPANDE
ARCHITECTS-TOWN PLANNERS-INTERIOR DESIGNERS
A-1, SUCCESS CHAMBERS, 1230 APTE ROAD,
DECCAN GYMKHANA, PUNE-411004
PH. NO. 25532182, 25531141,
CAMRS18
FAX. NO. 020-25532325

DATE	DEALT BY	REVISED BY	CHECKED BY	SCALE
20/10/2018	AMOL	AMOL	DP	1:100



CLUB HOUSE AREA KEY PLAN
SCALE= 1:200

FIRST FLOOR AREA STATEMENT

A	88.39	x	29.73	x	1	=	2627.83
DEDUCTION							
1	2.50	x	12.21	x	2	=	61.05
2	2.50	x	14.95	x	2	=	74.75
3	45.98	x	24.25	x	1	=	1112.11
4	2.70	x	26.99	x	2	=	145.75
5	80.59	x	2.74	x	2	=	442.18
LIFT							
L1	2.30	x	2.22	x	2	=	10.21
BALCONY							
B1	1.45	x	16.06	x	4	=	95.72
STAIRCASE							
S1	4.84	x	4.68	x	2	=	45.30
TOTAL DEDUCTION = 1987.06							
NET BUILT UP = 640.77							

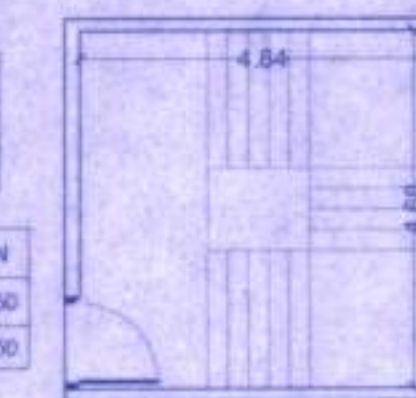
BUILDING F.S.I. CALCULATION

FLOORS	FBI	BALCONY	DRY BALC	FIRE STAIRCASE (S1)	STAIRCASE (S2)	PASSAGE	PERMISSIBLE TERRACE (20%)	PROPOSED TERRACE	LIFT+L.M.R	TEN	
FIRST FLOOR	640.77	96.12	95.72	0.00	0.00	45.30	0.00	128.15	0.00	5.11+19.50	0
TOTAL	640.7700	96.1155	95.7200	0.0000	0.0000	45.3000	0.0000	128.1540	0.0000	24.61	0



LIFT SHAFT CALCULATION

L1	1	x	2.30	x	2.22	=	5.11
TOTAL AREA (IN Sq.m) = 5.11							



STAIRCASE CALCULATION

S1	1	x	4.84	x	4.68	=	22.65
TOTAL = 22.65							

LIFT MACHINE ROOM CALCULATION

L.M.R	1	x	3.00	x	3.90	=	19.50
TOTAL AREA (IN Sq.m) = 19.50							

Approved as amended in
subject to conditions mentioned in Annexure 'A'
of letter No. BHA/CR. No. 2380/2010/Muzsa. 54
S. No./G. No./CTS No. 22.2. 22.11
Dated 15/10/2010
Metropolitan Commissioner and
Chief Executive Officer
Pune Metropolitan Regional Development Authority, Pune.

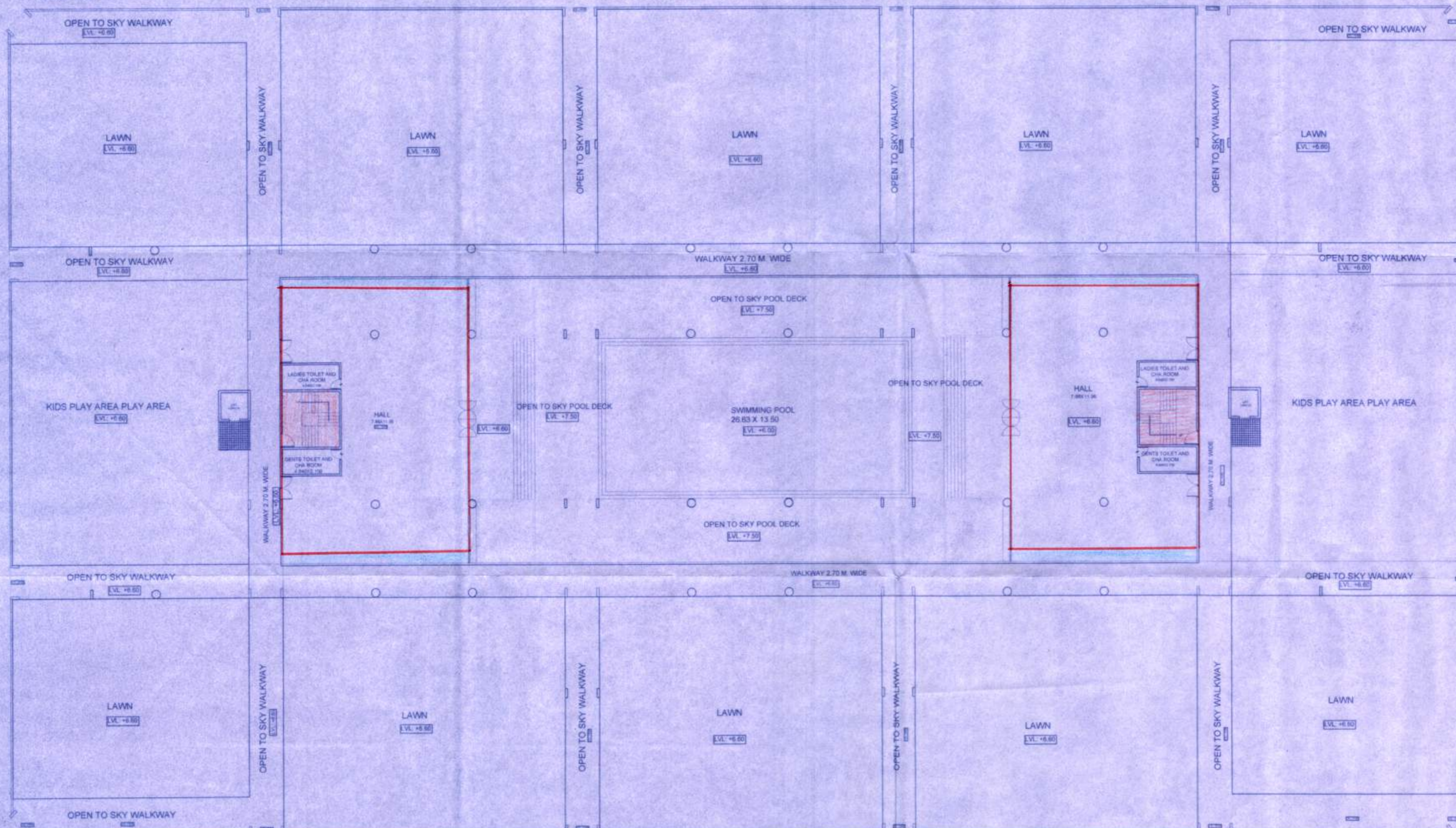


PARKING STATEMENT

TENEMENT	CAR	SCOOTER	CYCLE
1 PARKING REQ FOR 100 SQ.M	1	1	1
PARKING REQUIRED FOR 1848.59 SQ.M	19	19	19
AREA REQD FOR PARKING	20.00	3.00	1.4
AREA REQD FOR PARKING	380.00	57.00	26.60
TOTAL AREA REQD FOR PARKING	463.60	SQ.M	
TOTAL AREA PROP. FOR PARKING	463.60	SQ.M	

WATER REQUIRED

COMM. AREA = 1848.59/3 x 45
= 27728.85 SAY 27800.00 LIT.
SUMPWELL CAP.
= 27800 x 1.50
= 41700 LIT.
SAY 42000.00 LIT



PODIUM LEVEL PLAN
SCALE= 1:200

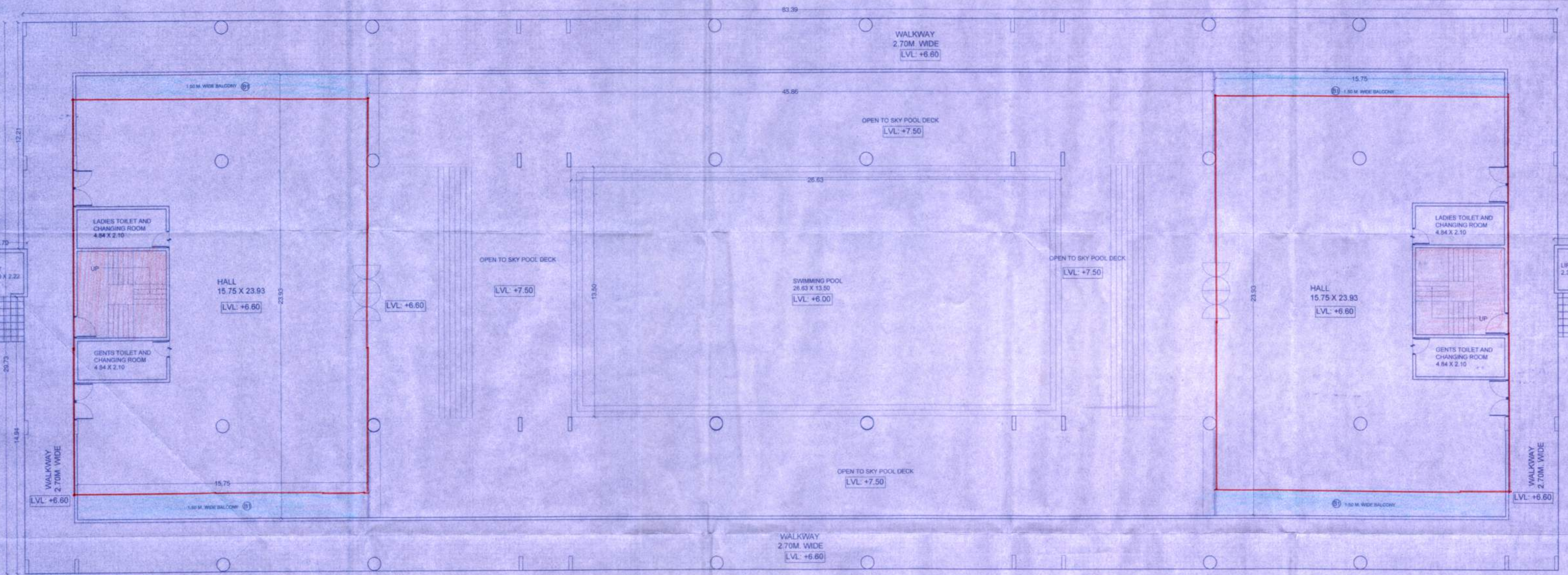
OWNER'S NAME, ADDRESS, SIGNATURE
MR. KEVALKUMAR K. JAIN (P.A.H.)
MR. ARVIND C. KERING (P.A.H.)
ADD-1ST FLOOR, KUMAR CAPITAL, 2413, EAST STREET, CAMP, PUNE-411001

PROPOSED RESI. GROUP HOUSING SCHEME
ON S. NO. 12/1/4, 12/1/3, 12/1/2, 12/1/1, 12/2, 12/3A, 12/3B, 12/4,
12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 13/1/2/1
AT VILLAGE UNDRI, TALUKA HAVELI, DISTRICT PUNE.

ARCHITECT -
JAGADISH P. DESHPANDE
ARCHITECTS-TOWN PLANNERS-INTERIOR DESIGNERS
A-1, SUCCESS CHAMBERS, 1232 APTE ROAD,
DECCAN GYMKHANA, PUNE 411004.
PH. NO. 25532182, 25531141,
C.A. 848318
FAX. NO. 020-25532325

DATE	DEALT BY	REVISED BY	CHECKED BY	SCALE
20/10/2016	AMOL	AMOL	DP	1:100

Approved as amended in
 subject to conditions mentioned in Annexure 'A'
 of letter No. B.M.C.S. No. 9260/16-17/Mouza-357
 S. No./G. No./CTS No. 92A & 92B
 Dated 05/02/2016
 Metropolitan Commissioner and
 Chief Executive Officer
 Pune Metropolitan Regional Development Authority, Pune.



CLUB HOUSE PLAN
 SCALE = 1:100

OWNER'S NAME, ADDRESS, SIGNATURE :-
 MR. KEVALKUMAR K. JAIN (P.A.H.)
 MR. ARVIND C. KERJING (P.A.H.)
 ADD-1ST FLOOR, KUMAR CAPITAL, 2413, EAST STREET, CAMP, PUNE-411001
 PROJECT :-
PROPOSED RESI. GROUP HOUSING SCHEME
 DN S. NO. 12/1/4, 12/1/2/3, 12/1/2, 12/1/3, 12/2, 12/3A, 12/3B, 12/4,
 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 13/1/2/1
 AT VILLAGE UNDRI, TALUKA HAVELI, DISTRICT PUNE
 ARCHITECT :-
JAGADISH P. DESHPANDE
 ARCHITECTS-TOWN PLANNERS-INTERIOR DESIGNERS
 A-1, SUCCESS CHAMBERS, 1232 APTE ROAD,
 DECCAN GYMKHANA, PUNE 411004
 PH. NO. 25532182, 25531141
 FAX. NO. 020-25532325
 DATE: 20/10/2016 DEALT BY: AMOL REVISED BY: AMOL CHECKED BY: DP SCALE: 1:100

Approved as per...
subject to conditions mentioned in Annexure 'A'
of letter No. DMH/... No. 2326/1640/Mouza-755
S. No. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Metropolitan Commissioner and
Chief Executive Officer
Pune Metropolitan Regional Development Authority, Pune



ELEVATION
SCALE= 1:100

SECTION AA
SCALE= 1:100

OWNERS NAME, ADDRESS, SIGNATURE
MR. KEVALKUMAR K. JAIN (P.A.H.)
MR. ARVIND C. KERRING (P.A.H.)
ADD=1ST FLOOR, KUMAR CAPITAL, 2415, EAST STREET, CAMP, PUNE-411001
PROJECT -
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AT VILLAGE UNDRI, TALUKA HAVELI, DISTRICT PUNE
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JAGADISH P. DESHPANDE
ARCHITECTS-TOWN PLANNERS-INTERIOR DESIGNERS
A/1, SUCCESS CHAMBERS, 1332 APTE ROAD,
DECCAN GYMNHANA, PUNE 411004.
Ph. NO. 2532182, 2883141
JAGADISH P. DESHPANDE
C/A 348318
FAX NO. 020-2532325

DATE	DEALT BY	REVISED BY	CHECKED BY	SCALE
27/10/2016	AMOL	AMOL	DP	1:100

P:\Venter\pune\undri\12/1/3\pune_springs\pune_springs\dwg\12/1/3_section_building.dwg

MAHARASHTRA POLLUTION CONTROL BOARD

Phone :- 24010437/24020781/24014701

Fax :- 24044532 / 24023516

Email :- enquiry@mpcb.gov.in

Visit At:- <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor, Sion-
Maitunga Scheme Road No. 8, Opp.
Cine Planet Cinema, Near Sion Circle,
Sion (E), Mumbai - 400 022

Infrastructure/Orange/L.S.I

Consent order No: Format 1.0/BO/ROHQ/PN-19850-13CE/CAC - 2756

Date 21/03/2014

To,

M/s. Kumar Kering Properties Pvt. Ltd. "Palmspring"

S.No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A&B, 12/4, 12/5A/1,

12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1,

Village : Undri, Tal : Haveli, Dist : Pune 411001

Subject: Consent to Establish in Orange category Residential / construction project.

Ref : Minutes of Consent Committee meeting held on 13/03/2014

Your application CE1311000495 date 18/11/2013.

For: Consent to Establish.

Under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Municipal Solid Waste (Management & Handling) Rule 2000 and E-Waste (Management & Handling) Rule 2011 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to Establish is granted for a period upto:- Commissioning of the unit or five years, whichever is earlier.
2. The Proposed Capital investment of the Project is Rs 113.79 Cr. (As per CA certificate).
3. The Consent to Establish is valid for Residential project develop by M/s. Kumar Kering Properties Pvt. Ltd. names as "Palmspring" at S.No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A&B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village : Undri Tal : Haveli, Dist : Pune 411001, on total plot area of 78,600.0 Sq. mtrs and total construction built up area of 91,168.16 Sq. mtrs. As per construction commencement certificate issued by local body.
4. Conditions under Water (P&CP), 1974 Act for discharge of effluent.

Sr. no.	Description	Permitted quantity of discharge	Standards to be achieved	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	277.00 CMD	As per Schedule-I	60% shall be reused & recycled and remaining shall be discharged in municipal sewer.

SRO Pune 11/10/1/96423000

[Handwritten Signature]

Post



5. Conditions under Air (P&CP) Act, 1981 for air emissions:

Sr. No.	Description of stack / source	Number of Stack	Standards to be achieved
1	DG sets (180 KVA)	1	As per Schedule -I
2	DG sets (125 KVA)	1	As per Schedule -II
3.	DG sets (250 KVA) 2 Nos	2	As per Schedule -II
4.	DG sets (500 KVA) 2 Nos	2	As per Schedule -II

6. Conditions under Municipal Solid Waste (Management and Handling) Rule, 2000

Sr. No.	Type Of Waste	Quantity	DOM	Treatment	Disposal
1.	Biodegradable Waste	616.0	Kg/Day	On site Composting	Used as manure
2.	Non Biodegradable Waste	410.0	Kg/Day	Segregation	By sale
3.	STP Sludge	45.0	Kg/D	—	Used as manure

- This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
- The applicant shall comply with the conditions stipulated in Environment Clearance granted by GOM, vide no: SEAC-2010/CR-776/TC-2, dated 25th July 2013.
- The applicant shall submit Board Resolution from Company Board, towards starting of construction work without obtaining consent to establish from the MPC Board thus violated the provisions of Environmental laws and in future, they will not do such violations and B.G. of Rs. 2 lacs towards submission of Board Resolution by 01/04/2014.

For and on behalf of the
Maharashtra Pollution Control Board



(Rajeev Kumar Mittal) IAS
Member Secretary

Received Consent fee of—

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	2,27,680/-	001534	22/10/2013	HDFC Bank

Copy to:

- Regional Officer, MPCB, Pune. And Sub-Regional Officer, Pune-II, they are directed to ensure the compliance of the consent conditions.
- Chief Accounts Officer, MPCB, Mumbai
- CC/CAC desk- for record & website updation purposes.



Schedule-I

Terms & conditions for compliance of Water Pollution Control:

1) A) As per your consent application, you have proposed to provide the sewage treatment system with the design capacity of 300.0 CMD.

B) The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

1	pH	Not to exceed	6.5 to 9.0
2	Suspended Solids	Not to exceed	100 mg/l.
3	BOD 3 Days 27 degree C	Not to exceed	100 mg/l.
4	Detergent	Not to exceed	01 mg/l.

C) The treated domestic effluent shall be 60% recycled and reused for flushing, fire fighting and cooling of Air conditioners etc. The remaining shall be discharged into Municipal sewer/ utilized on land for gardening after conforming to above standards. The firm shall affix the separate meter for ensurance of 60% recycling of treated sewage and keep the records of the same. In no case effluent shall find its way to any water body directly/indirectly at any time.

2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of water, works for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

3) The firm shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

4) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent shall submit the CESS Returns in the prescribed format given under the provision of Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules made thereunder for various category of water consumption.

In case the water consumption is duly assessed under the quantity of water consumption of local body, the project proponent shall submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	308.00

5) The firm shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance.

[Handwritten Signature]



Schedule-II

Terms & conditions for compliance of Air & Noise Pollution Control:

1. As per your application, you have proposed to erect following stack (s) and to observe the following fuel pattern-

Sl. No.	Stack Attached To	Height in Mtrs. (Above roof top)	Type of Fuel	Quantity
1.	DG sets (180.0 KVA)	5.0	HSD	120Lit/Hr.
2.	DG sets (125.0 KVA)	5.0		
3.	DG sets (250.0 KVA) 2 Nos	5.0		
4.	DG sets (500.0 KVA) 2 Nos	5.0		

* D.G. Set shall be operate only in case of power failure.

2. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150.00 mg/Nm ³
--------------------	---------------	---------------------------

3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary)
5. Conditions during construction phase:-

a	During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters.
b	During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory.
c	Noise generating activity shall be carried out during day time only.



**Schedule-III
Details of Bank Guarantees**

Sr. No.	Consent (C to F/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Establish	Rs. 5.0 lakhs	15 days	Rs. 5.0 lakhs for ensuring the compliance of consent conditions.	Up to Commissioning of the unit	Five years
2	Establish	Rs. 2.0 Lakh	15 days	Rs. 2.0 Lakh towards submission of Board resolution by 31/03/2014	1/04/2014	30/08/14

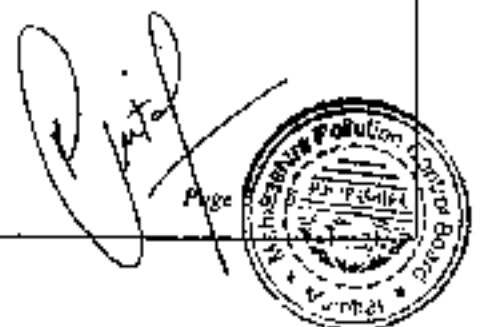


 Page 5

Schedule-IV

General Conditions:

- 1) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Municipal Solid Waste (Management & Handling) Rule 2000 and E-Waste (Management & Handling) Rule 2011.
- 3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5) Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average
 - c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m. and night time is reckoned between 10 p.m. to 6 a.m.
 - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - f) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
 - g) D.G. Set shall be operated only in case of power failure.
 - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - i) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste - The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.
- 7) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9) The treated sewage shall be disinfected using suitable disinfection method
- 10) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st March in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.



Purva Patil

From: Purva Patil <purva.patil@eaepl.com>
Sent: Monday, February 11, 2019 5:55 PM
To: 'ecompliance-mh@gov.in'
Subject: Submission of PMR for M/S. KUMAR KERING PROPERTIES P. LTD., "Palm Spring" for the period of July, 2018 to December, 2018
Attachments: PMR_Kumar Kering Developers LLP-Palm Spring_Jul,18-Dec,18.pdf

To,

The Director,

Ministry of Environment, Forest & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001.
Maharashtra.

Subject: Submission of Post Monitoring Report for the period of July, 2018 to December, 2018, for proposed Residential Group Housing Scheme "Palm Spring" at village Undri, Taluka Haveli, Dist - Pune.

Reference: Clearance letter File No. : BHA/ Village Undri/ Survey no. 12pt. 13pt/ Project no. 653/ 17-18 Dtd. 16th October, 2017 & File No. : SEAC-2010/CR-776/TC-2 Dtd. 25th July, 2013.

Dear Sir,

This is with reference to the above subject. We are submitting the half yearly, post monitoring report along with all relevant documents needed as follows:

1. Data Sheet.
2. EC compliance Report.
3. Post Environment Monitoring Report.
4. Energy Conservation measures.
5. EC letter.
6. Copy of consent to Establish.
7. Copy of Newspaper Advertisement (English & Marathi).

Hope the above are in line with your requirement and kindly acknowledge the receipt.

Thanking you,

Yours faithfully,

M/S. KUMAR KERING PROPERTIES P. LTD.,

C.C. to: - Environment Department, Mantralaya, Mumbai.
- The MS, MPCB, Sion, Mumbai.

Thanks & Regards.

Purva Patil.

o/c



KUMAR KERING DEVELOPERS LLP

SHAKA CAPITAL AND EASY OFFICE WITH BEST CONNECTIVITY IN THE CENTRAL WEST AND EAST ZONE
PUNE - 411 004

REGD. OFFICE: 303/304, KUMAR KERING BUILDING, CHANDRASEKHAR ROAD, PUNE - 411 004

Date:

To,

The Director,
Ministry of Environment, Forest & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001,
Maharashtra.

Subject: Submission of Post Monitoring Report for the period of July, 2018 to December, 2018, for proposed Residential Group Housing Scheme "Palm Spring" at village Undri, Taluka Haveli, Dist - Pune.

Reference: Clearance letter No. SEAC -2010/CR-776/TC-2 dtd. 25.07.2013.
PMRDA Clearance letter No. BHA/UNDRI/S. NO. 12 (p)/CASE NO - 653

Dear Sir,

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Thanking you,
Yours faithfully,

KUMAR KERING DEVELOPERS LLP,

C.C. to: - Environment Department, Mantralaya, Mumbai
- The MS. MPCB, Sion, Mumbai.

Handwritten signature
15-2-19

अनंत लिखित
पर्यावरण विभाग
मंत्रालय, पुणे

o/c



KUMAR KERING DEVELOPERS LLP

KUMAR KERING DEVELOPERS LLP, 1001, PUNE, 411001, INDIA. TEL: 020-26123456, FAX: 020-26123456

Date:

To,

The Director,
Ministry of Environment, Forest & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001,
Maharashtra.

Subject: Submission of Post Monitoring Report for the period of July, 2018 to December, 2018, for proposed Residential Group Housing Scheme "Palm Spring" at village Undri, Taluka Haveli, Dist - Pune.

Reference-Clearance letter No. SEAC -2010/CR-776/TC-2dtd. 25.07.2013.
PMRDA Clearance letter No. BHA/UNDRI/S. NO. 12 (p)/CASE NO - 653

Dear Sir,

This is with reference to the above subject. We are submitting the half yearly, post monitoring report along with all relevant documents needed as follows:

1. Data Sheet.
2. EC compliance Report.
3. Post Environment Monitoring Report.
4. Energy Conservation measures.
5. EC letter.
6. Copy of consent to Establish.
7. Copy of Newspaper Advertisement (English & Marathi).

Hope the above are in line with your requirement and kindly acknowledge the receipt.

Thanking you,
Yours faithfully,

KUMAR KERING DEVELOPERS LLP,

C.C. to - Environment Department, Mantralaya, Mumbai.
The MS, MPCB, Sion, Mumbai.

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15/12/2019
मंडळ,
पुणे
15/12/2019

o/c



KUMAR KERING DEVELOPERS LLP

KUMAR CAPITAL, 2413 EAST STREET, CAMP, PUNE: 411001 Ph. No.: 30528888, 30583663 FAX: 020-2026353363

Website: www.kumarworld.com Email ID: contact@kumarworld.com LLPIN: AAG

Date : 21/06/2018

To,

The Additional Director (S),
Ministry of Environment, Forest & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001. Maharashtra.

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M Sharma
24/07/2018

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forest & Climate Change
देशीय कार्यालय (पश्चिम मध्य क्षेत्र)
Regional Office (Western Central Zone)
भू-तल, पूर्व खंड / Ground Floor, East Wing
नयाँ सचिवालय भवन / New Secretarial Building
सिविल लाईन्स / Civil Lines
नागपुर / Nagpur-440 001

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KUMAR KERING DEVELOPERS LLP

C.C. to: - Environmental Department, Mantralaya, Mumbai.
- The MS, MPCB, Sion, Mumbai.

o/c



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C.C. to: - Environmental Department, Mantralaya, Mumbai.
- The MS, MPCB, Sion, Mumbai.

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2018-07-19
19-7-18

o/c



KUMAR KERING DEVELOPERS LLP

KUMAR CAPITAL, 2413 EAST STREET, CAMP, PUNE: 411001 PH. No.: 30526888, 30583663 FAX: 020-2026353365

Website: www.kumarworld.com Email ID: contact@kumarworld.com LLPIN: AAG

Date : 21/06/2018

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19/7/18
महाराष्ट्र शासन (मुदनालय)
महाराष्ट्र राज्य नैर्भवण मंडल,
काज्याळ बॉर्डर, ग. ११४ वा मळा, सायन संकल,
शिरो प्लॅनेटसमोर, सायन (पुर्व),
मुंबई - ४०० ०२२.
२४०३०४३३ / २४०२



KUMAR KERING DEVELOPERS LLP

KUMAR CAPITAL, 2413 EAST STREET, CAMP, PUNE: 411001 Ph. No.: 30528888, 30583663 FAX: 020-2026353365

Website: www.kumarworld.com Email ID: contact@kumarworld.com I.I.PIN

To,

Date: 1* Dec 2017

The Director,
Ministry of Environment, Forest & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001.
Maharashtra.

Subject: Submission of Post Monitoring Report for the period of July, 2017 to December, 2017, for proposed Residential Group Housing Scheme at "Sr. No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, Village Undri, Ta. Haveli, Pune, Maharashtra at village Undri, Taluka Haveli, Dist - Pune.

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C.C. to: - Environmental Department, Mantralaya, Mumbai.
- The MS, MPCB, Sion, Mumbai.

परावरण, वन एवं जलवायु परिवर्तन विभाग
Ministry of Environment, Forest & Climate Change
पश्चिम मध्य क्षेत्र (पश्चिम मध्य क्षेत्र)
Regional Office (Western Central Zone)
पुस्तक भवन / Ground Floor, East Wing,
नया सचिवालय भवन / New Secretariat Building,
सिविल लाइन्स / Civil Lines
नागपुर / Nagpur-440 001



KUMAR KERING DEVELOPERS LLP

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- The MS, MPCB, Sion, Mumbai.

31-1-15
आवक लिपि
पर्यावरण विभाग
मंत्रालय, मुंबई-२२

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KUMAR KERING DEVELOPERS LLP

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The MS, MPCB, Sion, Mumbai.

(Handwritten notes and stamps)
31/12/17
Date: 31/12/17
By: [Signature]
For: [Signature]
[Stamp]

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KUMAR KERING DEVELOPERS LLP

KUMAR CAPITAL, 2413 EAST STREET, CAMP, PUNE: 411001 Ph. No.: 30528888, 30583663 FAX: 020-2026353365
Website: www.kumarworld.com Email ID: contact@kumarworld.com LLPIN: AAG

Date: 1st June 2017

To,

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New Secretarial Building, East wing, Civil Lane,
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For M/S. KUMAR KERING PROPERTIES P. LTD.,

11/04/2017

पर्यावरण, वन व जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forest & Climate Change
दोन्धीय कार्यालय (पश्चिम मध्य क्षेत्र)
Regional Office (Western Central Zone)
नू-नगर, पूर्व खंड / Ground Floor, East Wing
नया सचिवालय भवन / New Secretarial Building
नागपूर / Civil Lane

C.C. to: - Environmental Department, Mantralaya, Mumbai-440 001
- The MS, MPCB, Sion, Mumbai.

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KUMAR KERING DEVELOPERS LLP

KUMAR CAPITAL, 2413 EAST STREET, CAMP, PUNE: 411001 Ph. No.: 30528888, 30523663 FAX: 020-202635365
Website: www.kumarworld.com Email ID: contact@kumarworld.com LLPIN: AAG

Date: 1st June 2017

To,

The Director,
Ministry of Environment, Forest & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
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For M/S. KUMAR KERING PROPERTIES P. LTD.,


21/06/2017

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- The MS. MPCB, Sion, Mumbai.


8-11-17
आयुक्त लिपिक
पर्यावरण विभाग
मंत्रालय, पुणे-४११००१

Kumar Kering Properties LLP

Correspondence Address: "Kumar Capital" 1st Floor, 2413, East Street, Camp, Pune - 411 001.
Ph. No.: 91-020-3052 8888, Fax: 91-20-26353365

To,
The Environmental Secretary,
Room No. 217, 2nd floor,
Environment Department,
Govt. of Maharashtra Mantralaya,
Mumbai- 400 032

Date:

Subject: Post EC Monitoring report for Proposed Residential Group Housing scheme
"Palmspring" located at Survey No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4,
12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta.
Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt.Ltd.

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3. Compliance report
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7. Copy of News paper Advertisement (English & Local language)
8. Project Status report
9. CTE Copy

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For, M/s. Kumar Kering Properties Pvt.Ltd.



CC to:

1. Shri B.R.Naidu, Senior Environmental Engineer & Incharge, Parivesh Bhawan app., VMC ward office No. 10, Subhanpura, Vadodara-390 023
2. The CCF, Regional Office, Western region, "Kendriya Paryavaran Bhavan" Link road No. 3, Raishankar Nagar, Bhopal-462 016.(M.P.)
3. The member secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd & 4th floor, Opp. Cine Planet, Son Circle, Mumbai- 400022, India

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Ph. No.: 91-020-3052 8888, Fax: 91-20-26353365

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3. The Environmental Secretary, Room No. 217, 2nd floor, Environment Department, Govt. of Maharashtra Mantralaya, Mumbai- 400 032

Kumar Kering Properties LLP

Correspondence Address: "Kumar Capital" 1st Floor, 2413, East Street, Camp, Pune – 411 001.
Ph. No.: 91-020-3052 8888, Fax: 91-20-26353365

To,
The CCF, Regional Office (WCZ),
Ground Floor, East Wing,
New Secretariat Building,
Civil Line, Nagpur - 440001

Date:

Subject: Post EC Monitoring report for Proposed Residential Group Housing scheme "Palmspring" located in Undri Village, Ta. Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt.Ltd.

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Senior Environmental Engineer & Incharge,
Parivesh Bhawan opp., VMC ward office No. 10,
Subhanpura, Vadodara-390 023

Date:

Subject: Post EC Monitoring report for Proposed Residential Group Housing scheme "Palmspring" located in Undri Vilage, Ta. Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt.Ltd.

Ref: Environmental Clearance No.SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013

Dear Sir,

This is in reference to the requirement stated in the Environmental Clearance No.SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013 for our above mentioned Proposed Residential group housing scheme "Palmspring" located at Survey No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta. Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt.Ltd.

In accordance to your requirement please find enclosed herewith following documents for Post EC for the subject project for your kind reference

1. Data sheet (January'16-June'16)
2. Environmental Clearance Letter
3. Compliance report
4. Post EC Environment monitoring report (January'16-March'16)
5. Post EC Environment monitoring report (April'16-June'16)
6. Annexure I- Project details & Annexure II- EMP Cost
7. Copy of News paper Advertisement (English & Local language)
8. Project Status report
9. CTE Copy

Hope you will find the above in the line with your requirement.

Thanking you,

Yours faithfully,

For, M/s. Kumar Kering Properties Pvt.Ltd.



Received
23.8.16
प्रमुख निदेशक वरिष्ठ,
परिवेश कार्यालय, (पश्चिम) वडोदरा

CC to:

1. The member secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd & 4th floor, Opp. Cine Planet, Sion Circle, Mumbai- 400022, India
2. The CCF, Regional Office, Western region, "Kendriya Paryavaran Bhavan" Link road No. 3, Rajshankar Nagar, Bhopal-462 016.(M.P.)
3. The Environmental Secretary, Room No. 217, 2nd floor, Environment Department, Govt. of Maharashtra Mantralaya, Mumbai- 400 032

SP VADODARA RMS (390020)

EG675872816IN

Counter No:1,OP-Code:FPP

To:DEF,CIVIL LINE

NAGPUR, PIN:440001

From:GREEN CIRCLE INC, BOTRI, VDR21

Wt:266grams,

Am:69.00,23/08/2016,14:36

Taxes:Rs.9.00<<Track on www.indiapost.gov.in

भारतीय डाक



SP VADODARA RMS (390020)

EG675872802IN

Counter No:1,OP-Code:FPP

To:MEMBER SEC,BIDN CIRCLE

MUMBAI, PIN:400022

From:GREEN CIRCLE INC, BOTRI, VDR21

Wt:248grams,

Am:67.00,23/08/2016,14:37

Taxes:Rs.9.00<<Track on www.indiapost.gov.in

भारतीय डाक



SP VADODARA RMS (390020)

EG675872970IN

Counter No:1,OP-Code:FPP

To:ENVIRONMENTAL SEC,GOVT OF MAHARASTRA

MUMBAI, PIN:400032

From:GREEN CIRCLE INC, BOTRI, VDR21

Wt:264grams,

Am:69.00,23/08/2016,14:38

Taxes:Rs.9.00<<Track on www.indiapost.gov.in

भारतीय डाक





Petals PSM

KUMAR KERING PROPERTIES PVT. LTD.

Correspondence Address: "Kumar Capital" 1st Floor, 2413, East Street, Camp, Pune - 411 001. Tel: 26350660, 3062 8888, Fax: 26353365

Date: July 21, 2014

To,
Shri B. R. Naidu,
Senior Environmental Engineer & Incharge
Parivesh Bhawan opp., VMC ward Office No. 10,
Subhanpura, Vadodara-390 023

Sub: Post EC Monitoring report for Proposed Residential group Housing Scheme located at Survey No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta, Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt. Ltd.

Ref: Environmental Clearance No. SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013

Dear Sir,

This is in reference to the requirement stated in the Environmental Clearance No. SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013 for our above mentioned Proposed Residential group Housing Scheme located at Survey No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta, Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt. Ltd.

In accordance to your requirement please find enclosed herewith following documents for Post EC for the subject project for your kind reference.

1. Data sheet (January 2014 to June 2014)
2. Environment Clearance Letter
3. Compliance Report
4. Post EC Environment Monitoring Report (January 2014 - March 2014)
5. Post EC Environment Monitoring Report (April 2014 to June 2014)
6. Annexure I - Project Details & Annexure II - EMP Cost
7. Copy of Newspaper Advertisement (English & Local Language)
8. Project Status Report
9. Copy of Consent to Establish

Hope you will find the above in line with your requirement.

Thanking you,

Yours faithfully,

For, M/s. Kumar Kering Properties Pvt. Ltd.

CC to:

1. Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai-400 022, India.
2. The CCF, Regional Office, Western Region, "Kendriya Paryavaran Bhavan" Link Road No. 3, Raishankar Nagar, Bhopal-462 016. (M. P.).
3. The Environment Secretary, Room No. 217, 2nd Floor, Environment Department, Govt. of Maharashtra Mantralaya, Mumbai- 400 032



KUMAR KERING PROPERTIES PVT. LTD.

Correspondence Address: "Kumar Capital" 1st Floor, 2413, East Street, Camp, Pune - 411 001. Tel.: 26350650, 3052 8688, Fax: 26353365

Date: July 21, 2014

To,
Maharashtra Pollution Control Board,
Kalpataru Point, 3rd and 4th floor,
Opp. Cine Planet, Sion Circle,
Mumbai-400 022, India.

Sub: Post EC Monitoring report for Proposed Residential group Housing Scheme located at Survey No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta, Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt. Ltd.

Ref: Environmental Clearance No. SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013

Dear Sir,

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3. Compliance Report
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5. Post EC Environment Monitoring Report (April 2014 to June 2014)
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7. Copy of Newspaper Advertisement (English & Local Language)
8. Project Status Report
9. Copy of Consent to Establish

Hope you will find the above in line with your requirement.

Thanking you,

Yours faithfully,
For, M/s. Kumar Kering Properties Pvt. Ltd.

BP 20/7/14
Maharashtra Pollution Control Board
Kalpataru Point, 2/3/4th Floor,
Sion Malunga Scheme, Road No. 8,
Opp. Sion Circle, Sion (East),
MUMBAI - 400 022.

Copy to:

1. The CCF, Regional Office, Western Region, "Kendriya Paryavaran Bhavan" Link Road No. 3, Raishankar Nagar, Bhopal- 462 016. (M. P.).
2. Shri B. R. Naidu, Senior Environmental Engineer & Incharge, Parivesh Bhawan opp., VMC ward Office No. 10, Subhanpura, Vadodara-390 023.
3. The Environment Secretary, Room No. 217, 2nd Floor, Environment Department, Govt. of Maharashtra Mantralaya, Mumbai- 400 032



KUMAR KERING PROPERTIES PVT. LTD.

Correspondence Address: "Kumar Capital" 1st Floor, 2413, East Street, Camp, Pune - 411 001. Tel: 26350660, 3052 8888, Fax: 26355395

Date: March 03, 2015

To,
Shri B. R. Naidu,
Senior Environmental Engineer & Incharge
Parivesh Bhawan opp., VMC ward Office No. 10,
Subhanpura, Vadodara-390 023

Subject: Post EC Monitoring report for Proposed Residential group Housing Scheme located at Survey No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta, Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt. Ltd.

Ref: Environmental Clearance No. SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013

Dear Sir,

This is in reference to the requirement stated in the Environmental Clearance No. SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013 for our above mentioned Proposed Residential group Housing Scheme located Survey No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta, Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt. Ltd.

In accordance to your requirement please find enclosed herewith following documents for Post EC for the subject project for your kind reference.

1. Data sheet (July'14-December'14)
2. Environmental Clearance Letter
3. Compliance report
4. Post EC Environment monitoring report (July'14-September'14)
5. Post EC Environment monitoring report (October'14-December'14)
6. Annexure I- Project details & Annexure II- EMP Cost
7. Copy of News paper Advertisement (English & Local language)
8. Project Status report
9. CTE Copy

Hope you will find the above in line with your requirement.

Thanking you,

Yours faithfully,

For, M/s. Kumar Kering Properties Pvt. Ltd.

केन्द्रीय प्रदूषण नियंत्रण बोर्ड
(पर्यावरण एवं वन मंत्रालय, भारत सरकार)
राष्ट्रियक कार्यालय (पश्चिम), 'परिवेश भवन',
पी.एम.सी. बोर्ड कार्यालय नं. १० के सामने,
सुभानपुरा, वडोदरा - ३९० ०२३

CC to:

1. Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai-400 022, India.
2. The CCF, Regional Office, Western Region, "Kendriya Paryavaran Bhavan" Link Road No. 3, Raishankar Nagar, Bhopal- 462 016. (M. P.).
3. The Environment Secretary, Room No. 217, 2nd Floor, Environment Department, Govt. of Maharashtra Mantralaya, Mumbai- 400 032



KUMAR KERING PROPERTIES PVT. LTD.

Correspondence Address: "Kumar Capital" 1st Floor, 2413, East Street, Camp, Pune - 411 001. Tel: 26360660, 3062 8888, Fax: 26363365

Date: March 03, 2015

To,
Maharashtra Pollution Control Board,
Kalpataru Point, 3rd and 4th floor,
Opp. Cine Planet, Sion Circle,
Mumbai-400 022, India.

Subject: Post EC Monitoring report for Proposed Residential group Housing Scheme located at Survey No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta, Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt. Ltd.

Ref: Environmental Clearance No. SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013

Dear Sir,

This is in reference to the requirement stated in the Environmental Clearance No. SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013 for our above mentioned Proposed Residential group Housing Scheme located Survey No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta, Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt. Ltd.

In accordance to your requirement please find enclosed herewith following documents for Post EC for the subject project for your kind reference.

1. Data sheet (July'14-December'14)
2. Environmental Clearance Letter
3. Compliance report
4. Post EC Environment monitoring report (July'14-September'14)
5. Post EC Environment monitoring report (October'14-December'14)
6. Annexure I- Project details & Annexure II- EMP Cost
7. Copy of News paper Advertisement (English & Local language)
8. Project Status report
9. CTE Copy

Hope you will find the above in line with your requirement.

Thanking you,

Yours faithfully,

For, M/s. Kumar Kering Properties Pvt. Ltd.

Copy to:

1. The CCF, Regional Office, Western Region, "Kendriya Paryavaran Bhavan" Link Road No. 3, Raishankar Nagar, Bhopal- 462 016. (M. P.).
2. Shri B. R. Naidu, Senior Environmental Engineer & Incharge, Parivesh Bhawan opp., VMC ward Office No. 10, Subhanpura, Vadodara-390 023.
3. The Environment Secretary, Room No. 217, 2nd Floor, Environment Department, Govt. of Maharashtra Mantralaya, Mumbai- 400 032

Maharashtra Pollution Control Board
Kalpataru Point, 2/3/4th Floor,
Sion Matunga Scheme, Road No. 6,
Opp. Sion Circle, Sion (East),
MUMBAI - 400 022.
Phone : 24010437 / 24020781

Ack

Patm string



KUMAR KERING PROPERTIES PVT. LTD.

Correspondence Address: "Kumar Capital" 1st Floor, 2413, East Street, Camp, Pune - 411 001. Tel: 26350660, 3092 8888, Fax: 26353365

To,
Shri B. R. Naidu,
Senior Environmental Engineer & Incharge
Parivesh Bhawan opp., VMC ward Office No. 10,
Subhanpura, Vadodara-390 023

Date: March 28, 2014

Sub: Post EC Monitoring report for Proposed Residential group Housing Scheme located at Survey No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta, Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt. Ltd.

Ref: Environmental Clearance No. SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013

Dear Sir,

This is in reference to the requirement stated in the Environmental Clearance No. SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013 for our above mentioned Proposed Residential group Housing Scheme located at Survey No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta, Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt. Ltd.

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1. Data sheet (July'13 - December'13)
2. Environment Clearance Letter
3. Compliance Report
4. Post EC Environment Monitoring Report (July'13 - September'13)
5. Post EC Environment Monitoring Report (October'13 - December'13)
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7. Copy of Newspaper Advertisement (English & Local Language)
8. Project Status Report
9. Ack. of CTE Applied

Hope you will find the above in line with your requirement.

Thanking you,

Yours faithfully,
For, M/s. Kumar Kering Properties Pvt. Ltd

CC to:

1. Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai-400 022, India.
2. The CCF, Regional Office, Western Region, "Kendriya Paryavaran Bhavan" Link Road No. 3, Raishankar Nagar, Bhopal-462 016. (M. P.)
3. The Environment Secretary, Room No. 217, 2nd Floor, Environment Department, Govt. of Maharashtra Mantralaya, Mumbai-400 032

4-4-2014
केन्द्रीय प्रदूषण नियंत्रण बोर्ड
(महाराष्ट्र राज्य पर्यावरण, प्रदूषण नियंत्रण बोर्ड)
केन्द्रीय कार्यालय (पश्चिम), 217
महाराष्ट्र शासन, पर्यावरण विभाग, मंत्रालय,
मुंबई-400 032



KUMAR KERING PROPERTIES PVT. LTD.

Correspondence Address: "Kumar Capital" 1st Floor, 24/3, East Street, Camp, Pune - 411 001. Tel: 26350550, 3052 8338, Fax: 26353365

Date: March 28, 2014

To,
Maharashtra Pollution Control Board,
Kalpataru Point, 3rd and 4th floor,
Opp. Cine Planet, Sion Circle,
Mumbai-400 022, India.

Subj: Post EC Monitoring report for Proposed Residential group Housing Scheme located at Survey No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta, Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt. Ltd.

Ref: Environmental Clearance No. SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013

Dear Sir,

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6. Annexure I - Project Details & Annexure II - EMP Cost
7. Copy of Newspaper Advertisement (English & Local Language)
8. Project Status Report
9. Ack. of CTE Applied

Hope you will find the above in line with your requirement.

Thanking you,

Yours faithfully,
For, M/s. Kumar Kering Properties Pvt. Ltd

RECEIVED
POSTAL REGISTER
28/03/14
PUNE

Copy to:

1. The CCP, Regional Office, Western Region, "Kundriya Paryavaran Bhavan" Link Road No. 3, Raishankar Nagar, Bhopal- 462 016. (M. P.).
2. Shri B. R. Naidu, Senior Environmental Engineer & Incharge, Parivahan Bhavan opp. VMC ward Office No. 10, Subharpura, Vadodara-390 023.
3. The Environment Secretary, Room No. 217, 2nd Floor, Environment Department, Govt. of Maharashtra Mantralaya, Mumbai- 400 032



KUMAR KERING PROPERTIES PVT. LTD.

Correspondence Address "Kumar Capital" 1st Floor, 2413, East Street, Camp, Pune - 411 001. Tel.:26350660, 3052 8888. Fax: 26353363

Date: March 28, 2014

To,
The Environment Secretary,
Room No. 217, 2nd Floor, Environment Department,
Govt. of Maharashtra Mantralaya,
Mumbai-400 032

Sub: Post EC Monitoring report for Proposed Residential group Housing Scheme located at Survey No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta. Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt. Ltd.

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7. Copy of Newspaper Advertisement (English & Local Language).
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Hope you will find the above in line with your requirement.

Thanking you,

Yours faithfully,

For, M/s. Kumar Kering Properties Pvt. Ltd

Copy to:

1. To, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai-400 022, India
2. Shri B. R. Naidu, Senior Environmental Engineer & Incharge, Parivesh Bhawan opp., VMC ward Office No. 10, Subhanpura, Vadodara-390 023.
3. The CCF, Regional Office, Western Region, "Kendriya Paryavaran Bhavan" Link Road No. 3, Raishankar Nagar, Bhopal-462 016. (M. P.)

कायक लिपिक
परिवेश. विभाग
पुणे. बन्द-३३



Refund Pmt

KUMAR KERING PROPERTIES PVT. LTD.

Correspondence Address: "Kumar Capital" 1st Floor, 2413, East Street, Camp, Pune - 411 001. Tel.:26350660, 3052 8888, Fax: 26353365

Date: July 21, 2014

To,
Shri B. R. Naidu,
Senior Environmental Engineer & Incharge
Parivesh Bhawan opp., VMC ward Office No. 10,
Subhanpura, Vadodara-390 023

Sub: Post EC Monitoring report for Proposed Residential group Housing Scheme located at Survey No, 12/1/2,12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta, Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt. Ltd.

Ref: Environmental Clearance No. SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013

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8. Project Status Report
9. Copy of Consent to Establish

Hope you will find the above in line with your requirement.

Thanking you,

Yours faithfully,

For, M/s. Kumar Kering Properties Pvt. Ltd.

19-8-2014
[Stamp of the Maharashtra Pollution Control Board, Vadodra, with handwritten date and signature]

CC to:

1. Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai-400 022, India.
2. The CCF, Regional Office, Western Region, "Kendriya Paryavaran Bhavan" Link Road No. 3, Raishankar Nagar, Bhopal- 462 016. (M. P.).
3. The Environment Secretary, Room No. 217, 2nd Floor, Environment Department, Govt. of Maharashtra Mantralaya, Mumbai- 400 032



KUMAR KERING PROPERTIES PVT. LTD.

Correspondence Address: "Kumar Capital" 1st Floor, 24x3, East Street, Camp, Pune - 411 001. Tel: 26350690, 3052 8888, Fax: 26353365

Date: July 21, 2014

To,
Maharashtra Pollution Control Board,
Kalpataru Point, 3rd and 4th floor,
Opp. Cine Planet, Sion Circle,
Mumbai-400 022, India.

Sub: Post EC Monitoring report for Proposed Residential group Housing Scheme located at Survey No, 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/5, 13/1/2/3, Village Undri, Ta, Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt. Ltd.

Ref: Environmental Clearance No. SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013

Dear Sir,

This is in reference to the requirement stated in the Environmental Clearance No. SEAC-2010/CR.776/TC.2 Dated: 25th July, 2013 for our above mentioned Proposed Residential group Housing Scheme located at Survey No, 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Ta, Haveli, Pune, Maharashtra by M/s. Kumar Kering Properties Pvt. Ltd.

In accordance to your requirement please find enclosed herewith following documents for Post EC for the subject project for your kind reference.

1. Data sheet (January 2014 to June 2014)
2. Environment Clearance Letter
3. Compliance Report
4. Post EC Environment Monitoring Report (January 2014 – March 2014)
5. Post EC Environment Monitoring Report (April 2014 to June 2014)
6. Annexure I – Project Details & Annexure II – EMP Cost
7. Copy of Newspaper Advertisement (English & Local Language)
8. Project Status Report
9. Copy of Consent to Establish

Hope you will find the above in line with your requirement

Thanking you,

Yours faithfully,

For, M/s. Kumar Kering Properties Pvt. Ltd.

25/7/14
Maharashtra Pollution Control Board
Central Pollution Control Board
Sector 13, Connaught Place, New Delhi - 110 028
Tel: 2612 2222, 2612 2223
Fax: 2612 2224

Copy to:

1. The CCF, Regional Office, Western Region, "Kendriya Parivahan Bhawan" Link Road No. 2, Raishankar Nagar, Bhopal- 462 016. (M. P.)
2. Shri B. R. Naidu, Senior Environmental Engineer & Incharge, Parivesh Bhawan opp., VMC ward Office No. 10, Subhanpura, Vadodara-390 023.
3. The Environment Secretary, Room No. 217, 2nd Floor, Environment Department, Govt. of Maharashtra Mantralaya, Mumbai-400 032

Budget for Environment Management Plan
Palm Spring

Construction Phase:

Sr. No.	Parameter	Total cost in Lakhs per annum
1	Water for dust Suppression&Health Check up	0.5
2	Site Sanitation	0.7
3	Environmental Monitoring	1.0
4	Disinfection	0.5
	Total Cost	2.7

Operation Phase:

Sr. No.	Pollution Control Measures	Capital Cost (Rs. Lakhs)	Recurring CostPer Annum (Rs. Lakhs)
1.	STP	6.5	0.5
2.	SolidWaste Management	2	0.5
3.	RainWater Harvesting	10	1.5
4.	Energy Conservation	3	0.25
5.	Landscaping	44	2
	Total	65.5	4.75



One in All Maintenance & Services

1145 Sadashiv Peth, Perugate, Pune. 411030 contact: - (91) 814-943-9333
GSTN: 27AGGPD1036K1ZN

To,

Pune.

Subject: Waste Management System Installation Certificate

Respected Sir/Madam,

As per municipal solid waste (Management & Handling) Rules 2000, we have implemented Compost project at:

Kumar Palmsprings, Pune

Total Number of tenements: 30 nos. of Bungalows

Parees Automatic Organic Waste Converter 50 kg/day capacity

We hereby certify that above system is installed and in working condition for total tenements.

Thanking you,



For, One in All Maintenance & Services

PPDharge
Proprietor



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(No. Q - 1508 / 32 / 2007 - CPW)
(ISO 9001, 14001 & OHSAS 18001 Certified Organisation)

Report No:-GCI/V/Lab/EM-SP/18-19/March-00/01924

Date: 27/03/2019

ANALYSIS REPORT

Client details		Sample Details	
Name	Palmspringby M/s M/s. Kumar Kering Properties Pvt. Ltd.	Sample Code	GCI/V/19/C4/AA1
Address	S. No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3,B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Taluka Haveli, Dist: Pune, Maharashtra	Location	NEAR SECURITY GATE
		Date of Sampling	18/03/2019
Sampling Done By	Dwarkesh	Date of Sample Received	19/03/2019
Analysis Starts On	19/03/2019	Sampling Instrument	RDS, FPS
Analysis Completion On	26/03/2019	Sampling Method	IS 5182 : Part 5 : 1975

AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM ₁₀)	µg/m ³	92.4	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM _{2.5})	µg/m ³	54.3	60	NAAQS Guidelines
3	Sulphur dioxide (SO ₂)	µg/m ³	14.3	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO _x)	µg/m ³	15.8	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m ³	0.51	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O ₃	µg/m ³	14.7	100	NAAQS Guidelines
7	Lead as Pb	µg/m ³	BDL (<0.1)	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m ³	BDL (<1)	20	NAAQS Guidelines
9	Arsenic as As	ng/m ³	BDL (<1)	6.0	NAAQS Guidelines
10	Ammonia as NH ₃	µg/m ³	BDL (<5)	400	NAAQS Guidelines
11	Benzene , C ₆ H ₆	µg/m ³	BDL (<0.01)	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene	ng/m ³	BDL (<0.1)	1.0	Gas Chromatography

Authorized Signatory

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Report No:- GCI/V/Lab/EM-SP/18-19/March-00/01924

Date: 27/03/2019

ANALYSIS REPORT

Client details		Sample Details	
Name	Palmspringby M/s M/s. Kumar Kering Properties Pvt. Ltd.	Sample Code	GCI/V/19/C4/AA2
Address	S. No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3,B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Taluka Haveli, Dist: Pune, Maharashtra	Location	SOUTHWEST CORNER OF SITE
		Date of Sampling	18/03/2019
Sampling Done By	Dwarkesh	Date of Sample Received	19/03/2019
Analysis Starts On	18/03/2019	Sampling Instrument	RDS, FPS
Analysis Completion On	26/03/2019	Sampling Method	IS 5182 : Part 5 : 1975

AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM ₁₀)	µg/m ³	82.1	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM _{2.5})	µg/m ³	51.3	60	NAAQS Guidelines
3	Sulphur dioxide (SO ₂)	µg/m ³	17.1	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO _x)	µg/m ³	13.5	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m ³	0.53	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O ₃	µg/m ³	11.9	100	NAAQS Guidelines
7	Lead as Pb	µg/m ³	BDL (<0.1)	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m ³	BDL (<1)	20	NAAQS Guidelines
9	Arsenic as As	ng/m ³	BDL (<1)	6.0	NAAQS Guidelines
10	Ammonia as NH ₃	µg/m ³	BDL (<5)	400	NAAQS Guidelines
11	Benzene , C ₆ H ₆	µg/m ³	BDL(<0.01)	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene	ng/m ³	BDL (<0.1)	1.0	Gas Chromatography

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Report No:- GCI/V/Lab/EM-SP/18-19/March-00/01924

Date: 27/03/2019

ANALYSIS REPORT

Client details		Sample Details	
Name	Palmspringby M/s M/s. Kumar Kering Properties Pvt. Ltd.	Sample Code	GCI/V/19/C4/AA3
Address	S. No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3,B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Taluka Haveli, Dist: Pune, Maharashtra	Location	NORTHEAST CORNER OF SITE
		Date of Sampling	18/03/2019
Sampling Done By	Dwarkesh	Date of Sample Received	19/03/2019
Analysis Starts On	19/03/2019	Sampling Instrument	RDS, FPS
Analysis Completion On	26/03/2019	Sampling Method	IS 5182 : Part 5 : 1975

AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	84.7	100	IS 5182 : Part 23 : 2006
2.	Particulate Matter (PM _{2.5})	µg/m ³	52.2	60	NAAQS Guidelines
3.	Sulphur dioxide (SO ₂)	µg/m ³	20.3	80	IS 5182 : Part 2 : 2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	11.9	80	IS 5182 : Part 6 : 2006
5.	Carbon Monoxide CO	mg/m ³	0.59	2.0	IS 5182 : Part 10 : 1999
6.	Ozone as O ₃	µg/m ³	11.6	100	NAAQS Guidelines
7.	Lead as Pb	µg/m ³	BDL (<0.1)	1.0	NAAQS Guidelines
8.	Nickel as Ni	ng/m ³	BDL (<1)	20	NAAQS Guidelines
9.	Arsenic as As	ng/m ³	BDL (<1)	6.0	NAAQS Guidelines
10.	Ammonia as NH ₃	µg/m ³	BDL (<5)	400	NAAQS Guidelines
11.	Benzene , C ₆ H ₆	µg/m ³	BDL(<0.01)	5.0	IS 5182 (Part 11):2006
12.	Benzo (a) Pyrene	ng/m ³	BDL (<0.1)	1.0	Gas Chromatography

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Report No: GCI/V/Lab/EM-SP/18-19/March-00/01924

Date: 21/03/2019

ANALYSIS REPORT

Client Details		Sample Details	
Name	Palmspringby M/s M/s. Kumar Kering Properties Pvt. Ltd.	Sample Code	GCI/V/19/C4/N1-N3
Address	S. No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3,B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Taluka Haveli, Dist: Pune, Maharashtra	Location	As per table
		Quantity	NA
		Date of Measurement	19/03/2019
		Sampling Instrument	Sound Level Meter (HTC/SL-1352)
Measurement Done By	Dwarkesh	Sampling Method	HTC/SL-1352 Inst. Manual

NOISE MONITORING RESULTS

Sr. No.	Location Name	Units	Day Time		Night Time	
			Results	MPCB Permissible Limit	Results	MPCB Permissible Limit
1.	Near Security Gate	dB (A)	50.2	55	44.3	45
2.	Southwest Corner of the Site	dB (A)	52.1	55	43.1	45
3.	Northeast Corner of the Site	dB (A)	49.6	55	40.8	45

Limits: Maharashtra pollution Control Board has prescribed 55dB (A) as an upper limit of noise level during day time and 45 dB (A) during night time for residential area.

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Report No:- GCI/V/Lab/EM-SP/18-19/March-00/01924

Date: 27/03/2019

ANALYSIS REPORT

Client Details		Sample Details	
Name	Palmspringby M/s M/s. Kumar Kering Properties Pvt. Ltd.	Sample Code	GCI/V/19/C4/S1
Address	S. No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Taluka Haveli, Dist: Pune, Maharashtra	Location	SOIL - Project site
		Quantity	2.0 kg
Sampling Done By	Dwarkesh	Date of Sampling	18/03/2019
Analysis Starts on	19/03/2019		
Analysis Completion On	26/03/2019	Sample Received Date	19/03/2019

SOIL ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results	Test Procedure
1	pH (1:5 Soil Suspension)	-	7.3	IS 2720 (Part 26):1987
2	Electrical Conductivity (1:5 Soil Suspension)	mS/cm	0.52	EPA Method 9045
3	Total Nitrogen as N	mg/kg	40.2	Kjeldahl Method
4	Phosphate as P	mg/kg	58.1	Olsen Method
5	Potassium as K	mg/kg	182	EPA 3050 B
6	Exchangeable Calcium as Ca	meq/100g	11.3	EPA 3050 B
7	Exchangeable Magnesium as Mg	meq/100g	9.1	EPA3050 B
8	Exchangeable Sodium as Na	meq/100g	0.88	EPA3050 B
9	Organic Matter	%	1.71	Walkey and Black Method
10	Texture	-	Sandy Clay	Robinson Pipette Method

BDL =Below Detectable Limit

DL =Detectable Limit

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Report No.: - GCI/V/Lab/EM-SP/18-19/March-00/01924

Date: 27/03/2019

ANALYSIS REPORT

Client Details		Sample Details	
Name	Palmspringby M/s M/s. Kumar Kering Properties Pvt. Ltd.	Sample Code	GCI/V/19/C4/DW1
Address	S. No. 12/1/2, 12/1/3, 12/1/4, 12/2, 12/3A, 12/3.B, 12/4, 12/5A/1, 12/5B, 12/6/1, 12/7, 12/8, 12/12/1, 12/12/3, 13/1/2/1, Village Undri, Taluka Haveli, Dist: Pune, Maharashtra	Location	Municipal Water at Project Site
		Quantity	2000 ml
Sampling Done By	Dwarkesh	Date of Sampling	18/03/2019
Analysis Starts on	19/03/2019	Sampling Method	APHA 1060
Analysis Completion On	26/03/2019	Sample Received Date	19/03/2019

DRINKING WATER ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results	Permissible Limit as per IS 10500-2012	Reference Method
1	Colour	Hazen	Nil	5	APHA 22nd EDITION
2	Odour	-	No Odour	Unobjectionable	APHA 22nd EDITION
3	Taste	-	Agreeable	Agreeable	APHA 22nd EDITION
4	Turbidity	NTU	BDL(<0.5)	1	IS : 3025 Part 10-1984 (Reaff: 2002)
5	pH at 25 °C	-	6.9	6.5-8.5	IS : 3025 Part 11- 1983 (Reaff:2002)
6	Total Dissolved Solids	mg/l	248	500	IS : 3025 Part 16-1984 (Reaff:2003)
7	Total Alkalinity as CaCO3	mg/l	121	200	IS : 3025 Part 23- 986(Reaff:2003)
8	Total Hardness as CaCO3	mg/l	76	200	IS : 3025 Part 21-2009
9	Calcium as Ca	mg/l	58	75	IS : 3025 Part 40-1991 (Reaff:2003)
10	Magnesium as Mg	mg/l	26	30	APHA 22nd EDITION-3500 Mg-B
11	Chloride as Cl-	mg/l	89	250	IS : 3025 Part 32-1988 (Reaff:2003)
12	Sulphate as SO4	mg/l	61	200	APHA 22nd EDN-4500- SO42- E
13	Nitrate as NO3	mg/l	21	45	APHA 22nd EDN -4500- NO3- B
14	Iron as Fe	mg/l	0.12	0.30	IS : 3025 Part 53-2003
15	Manganese as Mn	mg/l	BDL (<0.02)	0.10	APHA 22nd EDN -3500-Mn D
16	Fluoride as F	mg/l	0.42	1.00	APHA 22nd EDN -4500-F B&D
17	Lead as Pb	mg/l	BDL (<0.03)	0.05	IS:3025 Part 47 (Reaff:2003)
18	Copper as Cu	mg/l	BDL (<0.03)	0.05	IS:3025 Part 42 (Reaff:2003)
19	Zinc as Zn	mg/l	0.89	5.00	IS:3025 Part:49 (Reaff:2003)
20	Hexavalent Chromium as Cr6+	mg/l	BDL (<0.03)	0.05	IS:3025 Part:37 (Reaff:2003)
21	Residual Free Chlorine as Cl2	mg/l	BDL (<0.10)	0.20	APHA 22nd EDN -4500-Cl B
22	Cadium as Cd	mg/l	BDL (<0.03)	0.003	IS:3025 Part 48(Reaff:2003)
23	Aluminium	mg/l	BDL (<0.03)	0.03	IS:3025 Part:55 (Reaff:2003)

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