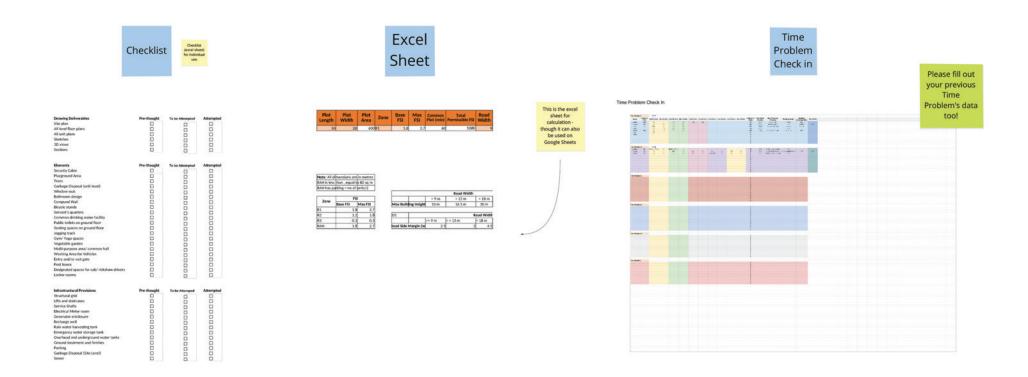
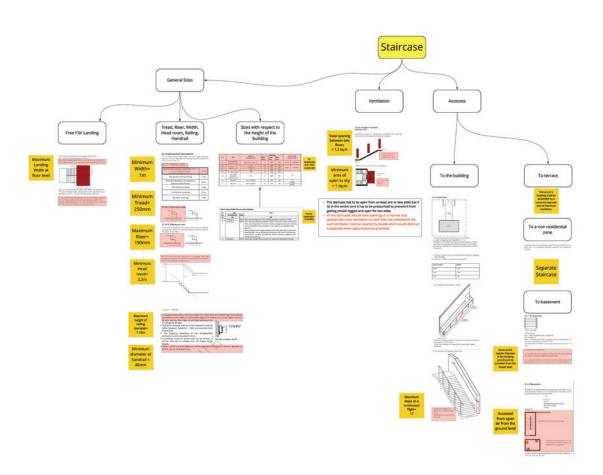
Time Problem Preparation

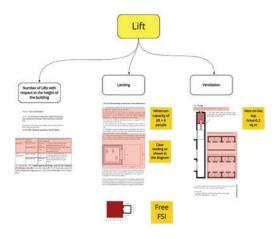
ACCESSED DURING TIME PROBLEM

DURING TIME PROBLEM - Checklist



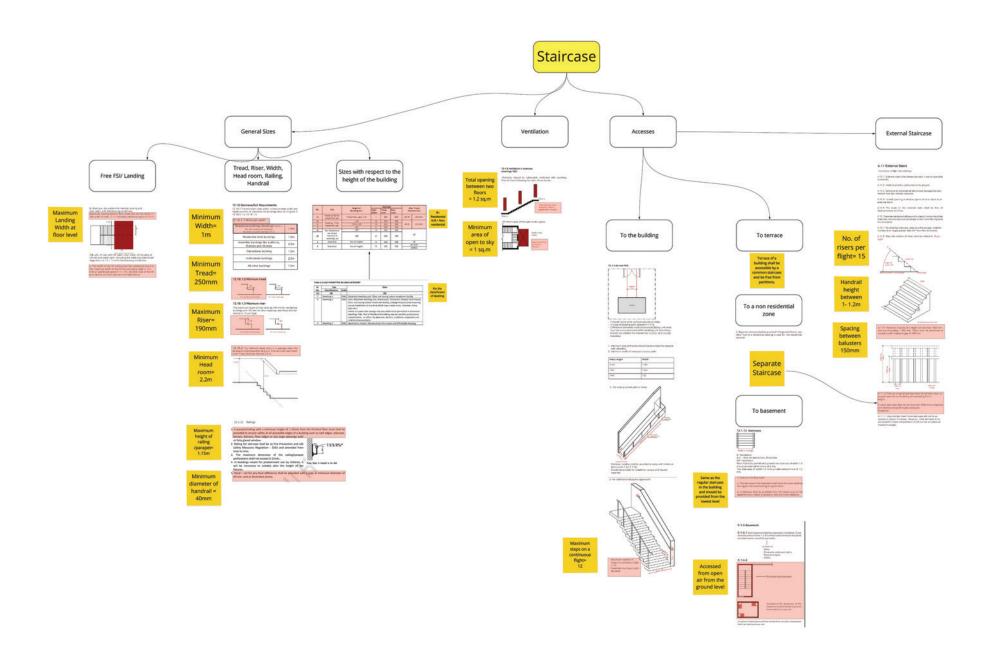
DURING TIME PROBLEM - Circulation



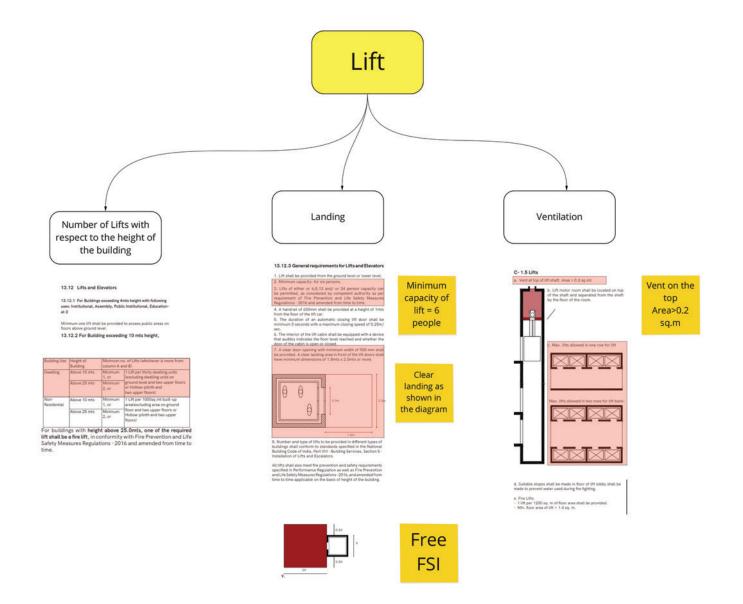


	1 m	Lift Landing	-maximum width with 0.5x on each -not included in i
Minimum Tread Width	250 mm		
Maximum Riser	150 mm 12 steps per flight.		
Minimum head room	2.2 m	No. of Lift	-1 lift per 30 dwe (excluding the d ground floors an floors or hollow; two upper floors or -1 lift for building above 10m -2 lifts for building
Handrall height	between 1000-1200mm		
Landing of the Staircase at floor level	-twice the width of the stair (2x), with 0.5x additional width -Not included in FSI		
External Staircase	-Connected to the		above 25m
	-Seperate enterance -No wall opening to the	Ventilation for Lift	Vent at top of lift Area >0.2 sq.m
Baluster Spacing			
As Fire Escape	45 degree -15 steps per flight		
Dalaster Space &	150 mm		
	-Low occupant load -building height 9 m		
Spiral Staircase	-Low occupant load		
	-Low occupant load -building height 9 m -diameter >= 1500mm		
Spiral Staircase For Access Paths to building for disabled people	-Low occupant load -building height 9 m -diameter = 1500mm -dequate headroom -min. one entry designed for disabled people (refer diagram for ramp and		
Spiral Staircase For Access Paths to building for disabled	-Low occupant load -building height 9 m -diameter >= 1500mm -dequate headroom -min. one entry designed for disabled people refer diagram for ramp and additional stair)		

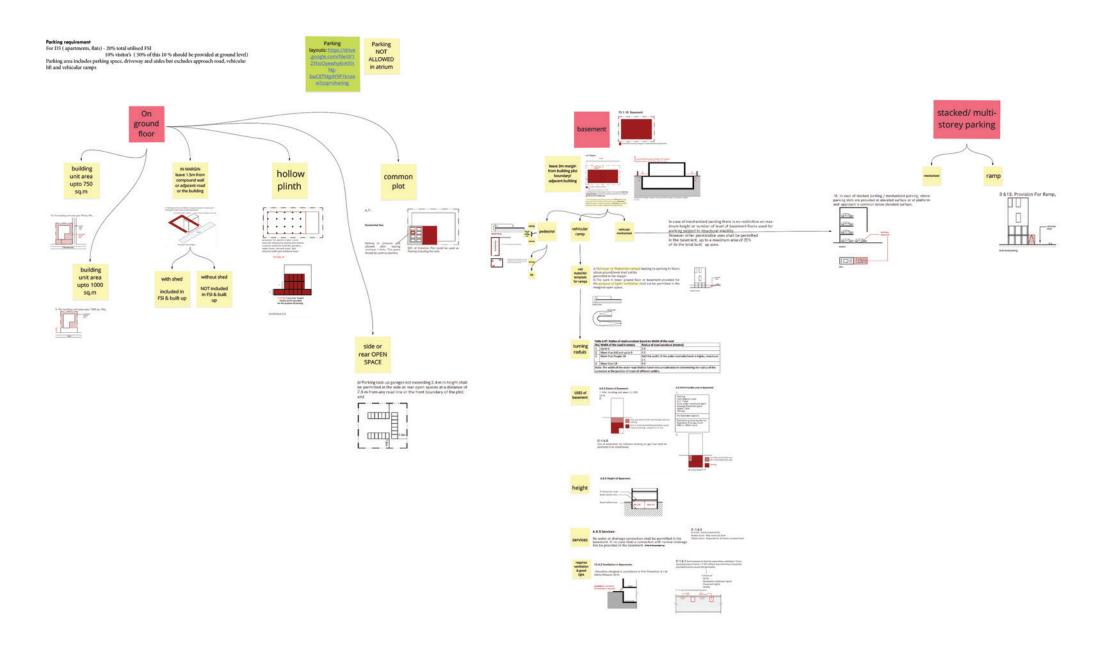
DURING TIME PROBLEM - Circulation



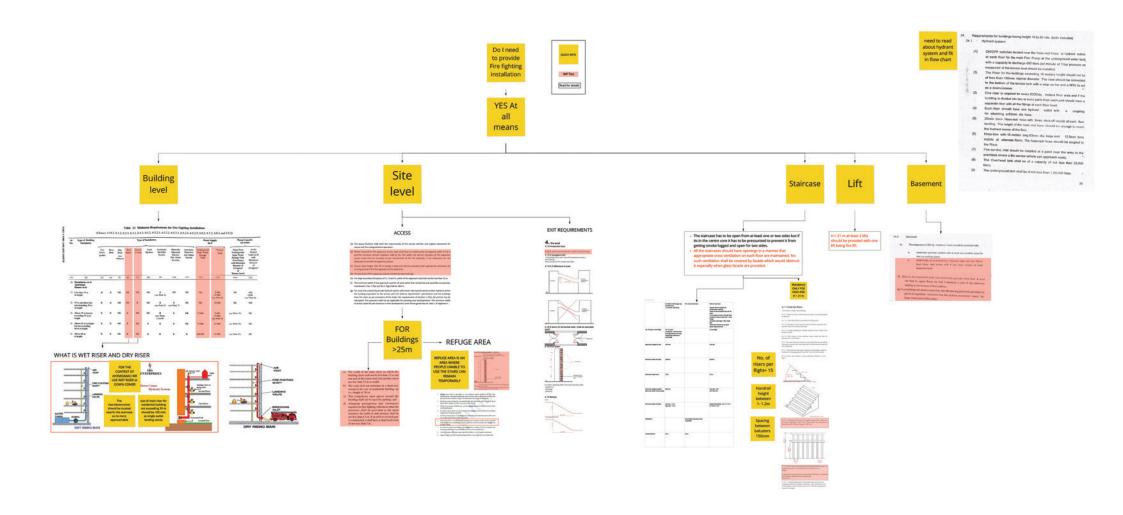
DURING TIME PROBLEM - Circulation



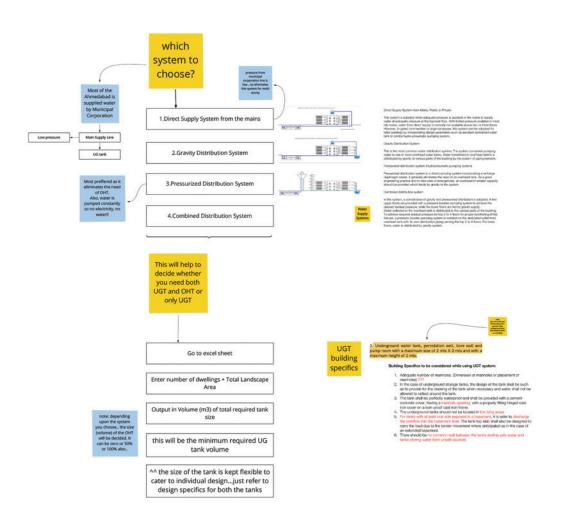
DURING TIME PROBLEM - Parking

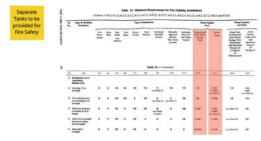


DURING TIME PROBLEM - Fire Safety



DURING TIME PROBLEM - Water Supply





OHT building specifics

- Building Specifies to be considered whele using OFF system:

 A Marrian Research and starts for the starting of valuer shall be constituted of infriended concents, brick manager, temperature, and start, talk less steel, and considered concents, brick manager, temperature, and start, talk less steel, and the considered concents of the content of the c
- The top slab shall be provided with railing or a parapet wall.
- 8. In tall buildings, the top of the tank shall be provided with the safe ladder or



12.14 Wells

Wells, intended to supply water for human consumption or domestic purposes,

The well shall be located: alnot less than 15 m from any ash pit, refuse pit, earth close to prhy and shall be located on a site upwards from the earth closet or privy;



cithat contamination by the movement of subsoil or other water is unlikely; and dihot under a tree or otherwise it should have a canopy over it, so that leaves and twigs may not fall into the well and rot.

The well shall: able constructed to a height not less than 1 m above the sur-rounding ground level, to form a paraget or lerb and to prevent ar face well from flowing into a will, and shall be surrounded with a powing constructed of impervious material which shall provide constructed of impervious material which shall from the praced from the fact forming the well head and the upper surface of such a powing shall be sloped away from the well; The well shall:



clhave the interior surface of the lining or walls of the well be rendered impervious for a depth of not less than 1.6 m measured from the level of the ground immediately adjoining the well-head.

Water Supply Calculation for Residences

A minimum of 70 to 100 life per head per day may be considered adequate for domestic needs of urban

As a general rule the following rates per capita per day may be considered for domestic and non-domestic needs:

b) For communities with 100 to 135 lphd population 20 000 to 100 000 together with full flushing distant.

1-badroom dweling unit = 4 persons 2-badroom dweling unit = 5 persons 3-badroom dweling unit = 6 persons 4-badroom dweling unit and above = 7 persons

Calculation Guidelines for OHT and UGT:

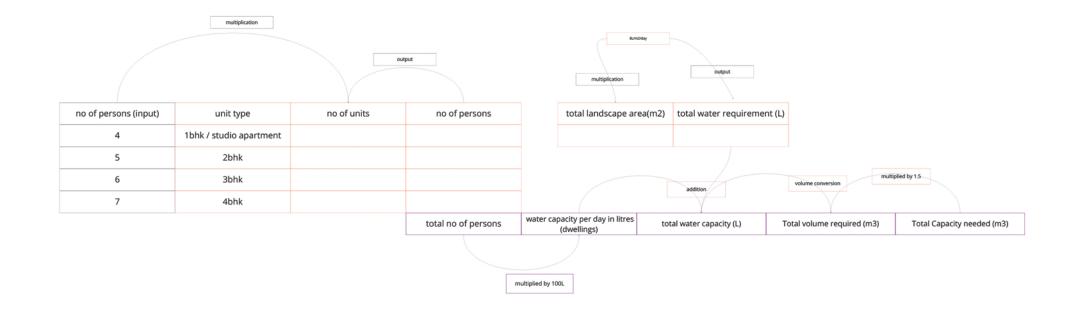
in case of intermittent water supply, the following guidelines should be adopted for calculation of capacity:

- The capacity of UGT and CHT may be taken as one and a half days and half a day demand.
 Wherever are weight and treated water are stoned in separate UGTs, the combined storage capacity shall be of one and a half days demand.
 Mannum experiments for calculation of capacity of these storage tarks are as
- follows:

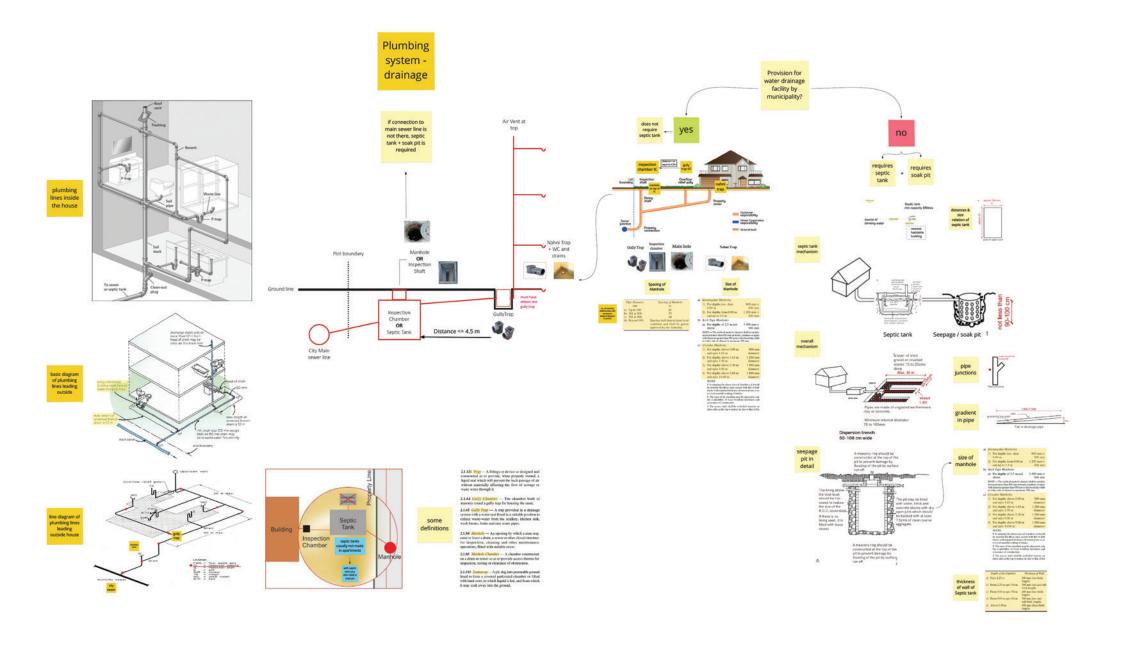
 a. In case only CHT is provided, it may be taken as 33.33 to 50 percent of
- one day's requirement.

 b. In case only UST is provided, it may be taken as 50 to 150 percent of one day's requirement and c. In case combined alonage a provided, it may be taken as 66.6 percent UST and 33.35 percent OFF of one day's requirement.

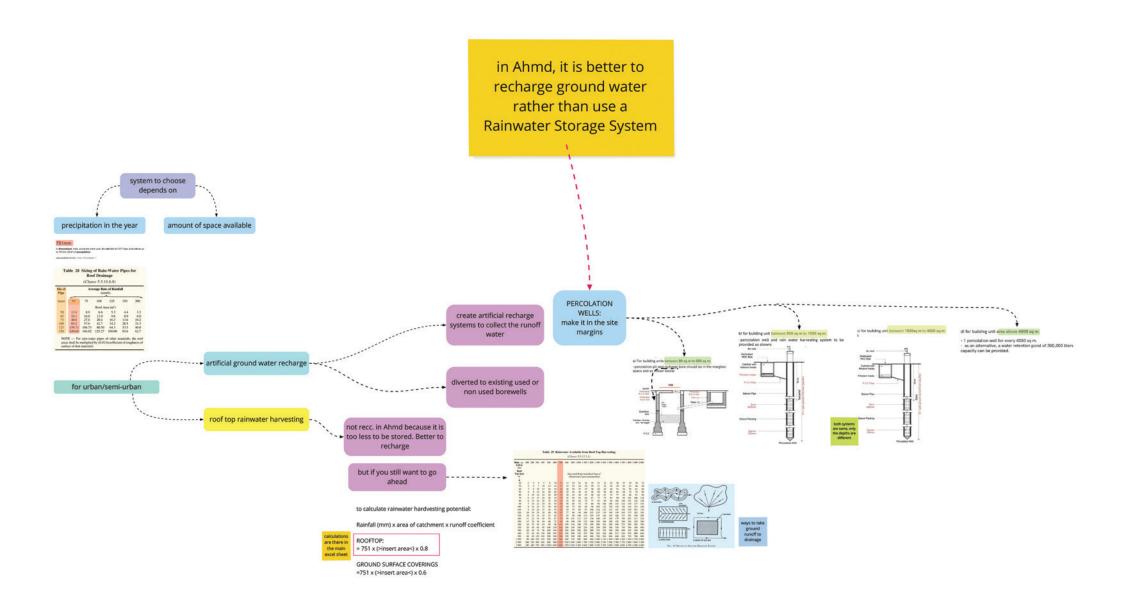
DURING TIME PROBLEM - Watertank size



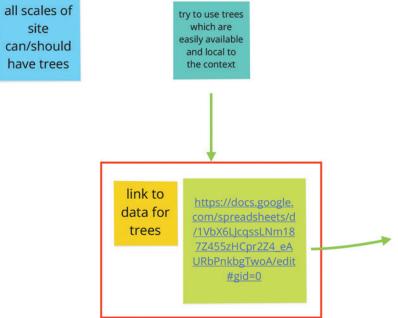
DURING TIME PROBLEM - Wastewater



DURING TIME PROBLEM - Rainwater Percolation



DURING TIME PROBLEM - Trees



what tree? (more info for each in excel)	(pictures of each tree in excel too)
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Shading Trees Bird Attracting Trees

	on a r madoung mood	Compound Edge 11000	. ioiioi oiiooanig iiooo	Time Distance Troop
Neem	Khati-Amli (Sour Imli Tree)	Asopalav/Ashoka	Gulmohar	
Peepal	Mango	Deshi Baval	Siris	
Deshi Baval Jamun Neem Deshi Ba	Jamun	Gando Baval	Garmalo	
	Neem	Coconut	Peltophorum	Root Info
	Deshi Baval	Karanj		Mango- 6ft root depth
				Coconut/Palm- 0.5/0.8m depth
Climbable Trees	Divider Trees	Ornamental Trees	Next to Garbage Trees	Gulmohar- "not deep rooted"
Banyan	Saptparni	Saptparni	Raat raani	Banayan- very deep roots/large spread
Mango	Champa	Champa	Karanj	Peepal - very deep roots/large spread
Peepal	Palms	Palms	Bamboo	Neem- atleast 10ft away from structur and sapling should be planted atleast 3ft in the ground.
Neem		Sirus		Bamboo- 0.5m depth

Compound Edge Trees Flower Shedding Trees

link to
CAD file
for trees

https://drive.googl
e.com/file/d/1 zd
Xk2PSeJF2ZOUhq
qHkdgzO0vParcD
1/view?
usp=sharing

more info arriving soon!

Wind Breaker Trees

DURING TIME PROBLEM - Waste Disposal

2.2.1.2 STORAGE OF MUNICIPAL SOLID WASTE AT SOURCE

2.2.1.2.1 Household-level Storage of Segregated Waste

plastic bags in waste bins.

At the household level, dry waste, wet waste, and domestic hazardous waste should be stored in separate garbage bins, of appropriate capacity and colour (Figure 2.3). The colour of the garbage bins should be in accordance with the SWM Rules, 2016; wet waste is to be placed in a covered green bin and dry waste in a covered white bin. Because the rule does not specify the colour of the bins for storage of domestic hazardous waste, urban local bodies (ULBs) should decide on an appropriately coloured bin. For example, Coimbatore City Municipal Corporation uses red bins for collection of domestic hazardous waste. Capacity of bins depends on frequency of collection (daily, alternate day, or on demand) and quantity of waste generated.

A container of 12-15l (0.015 m3) capacity for a family of five members should be adequate for each dry and wet waste, if collection takes place daily. However, a household may keep larger containers or more than one container for waste produced in 24 hours, having a spare capacity of 100% to meet unforeseen delays in clearance or unforeseen extra loads. If dry waste is not collected daily, container capacity has to be enlarged accordingly. Wet waste collection bins should be washed by the household each time they are emptied. It is not desirable to use

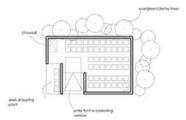
In large apartment complexes and multistoried buildings, gated communities large waste collection bins for wet waste and dry waste should be placed at a convenient location. Residents should deposit segregated waste in the respective bins either themselves or through organised door-to-door collection system of the resident welfare association (RWA) or community-based organisation (CBO). Specification of bins and containers shall be compatible with primary collection vehicles, if applicable.

Typical specifications for garbage bins used in apartment complexes and large buildings are the following: 60l (25kg) bins suitable for 12 households, 120l (50kg) bins for 24 households, 240l (96 kg) bins for 48 households, etc. that are of standard quality, high-density polyethylene (HDPE), injection or roto molded, ultraviolet (UV) tested, durable and could withstand rough handling, and compatible with lifting mechanism on primary collection vehicle, if applicable. The specific size of the containers depends on the number of connected households and the frequency of collection.



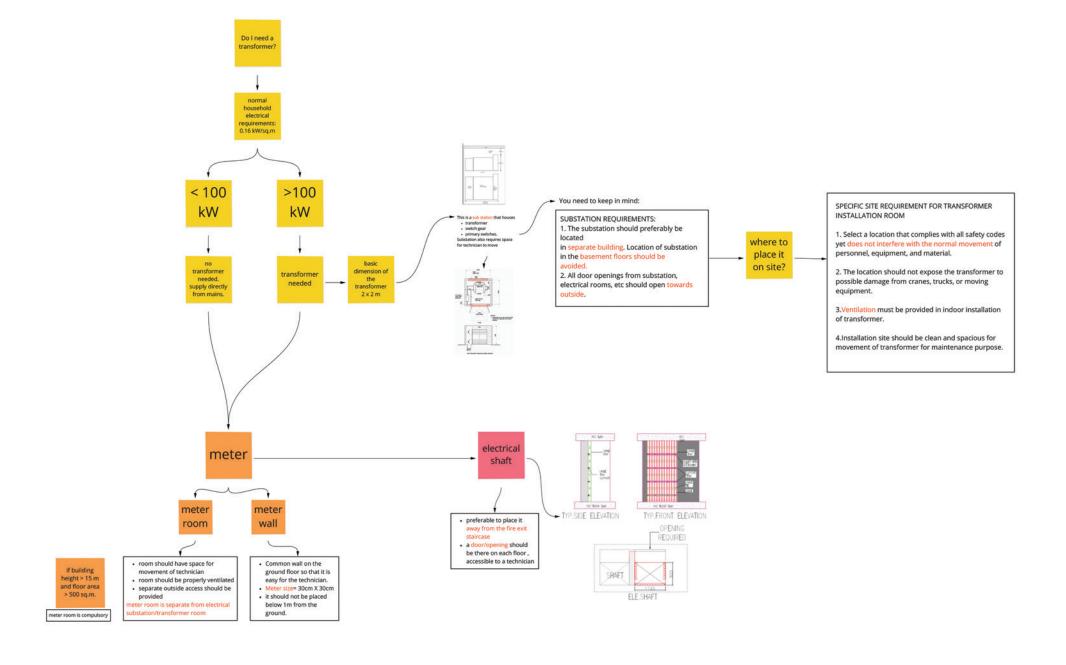
TIME PROBLEM PREPARATIONS- 04

- -Provision for entry of collecting vehicle.
- -1 unit = 10l waste/day (according to GDCR) ·Capacity of 50 bins (80I) which caters to 400 units)

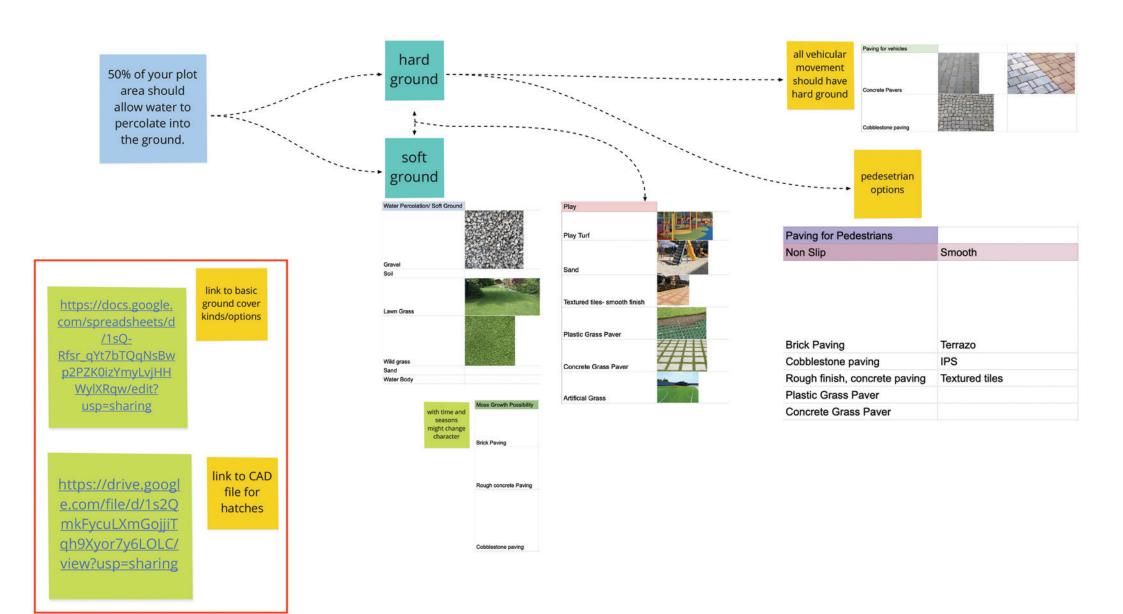


Chirag UA2514

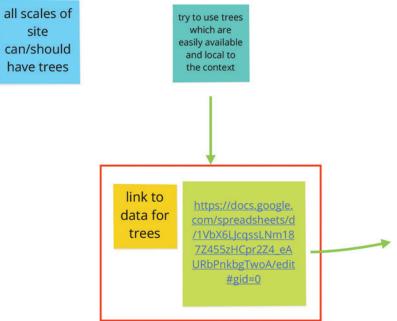
DURING TIME PROBLEM - Electric



DURING TIME PROBLEM - Ground



DURING TIME PROBLEM - Trees



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Neem		Sirus		Bamboo- 0.5m depth

link to
CAD file
for trees

https://drive.googl
e.com/file/d/1 zd
Xk2PSeJF2ZOUhq
qHkdgzO0vParcD
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usp=sharing

more info arriving soon!