



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with “A” grade by NAAC | 12B Status by UGC | Approved by AICTE

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600 119

www.sathyabama.ac.in

SCHOOL OF BUILDING AND ENVIRONMENT
DEPARTMENT OF ARCHITECTURE
PRACTICAL TRAINING PORTFOLIO (SAR4063)
MAY 2022

Name of the Student : A. Vennila Reg No.
: 37210043

Semester : X
Batch : 2017-2022



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SCHOOL OF BUILDING AND ENVIRONMENT

DEPARTMENT OF ARCHITECTURE

VIVA-VOCE EXAMINATION

This is to certify that the practical training SAR 4063 is the work of **Vennila. A (37210030)** who had undergone training in **Ravikumar and Associates** has been monitored by the continuous assessment during January 2022 to MAY 2022.

Dr. Devyani Gangopadhyay

DEAN

Submitted for Viva voce Examination held on 9.05.22

Internal Examiner

Ar. Selvakumar

External Examiner



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DECLARATION

I, **Vennila . A** hereby declare that the Training Report **January 2022 - May 2022** done by me under the guidance of **Ar.Ravikumar Narayan** is submitted in partial fulfillment of the requirements for the completion of practical training session.

DATE :6.06.2022

PLACE :saidapet

SIGNATURE OF CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **Board of Management of SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. Devyani Gangopadhyay**, Dean, School of Building and Environment and **Dr. SURESH KUPPUSAMY**, Design Chair, Department of Architecture for having been a constant source of support and encouragement.

I wish to express my thanks to my Year Coordinator, **Ar.Priyadharshini** and my guides, **Ar.Deepalakshmi.S** and **Ar.Surya Rajkumar**

I wish to express my thanks to **Team Ravikumar and Associates**, our principal **Ar.Ravikumar Narayan**, Studio Head **Ar.GP.Jebalin** and architects **Ar.Jenish Sundar**, **Ar.Dharini.S** and **Ar.Priya.R** and my **Co-interns** for their guidance and motivation

I am forever grateful to my dear parents, **Dr . T Arulmoli** and **Mrs.A. Poongodhai** for supporting me financially, emotionally and guiding me with their sensible advices

WORK DIARY

WEEKS	PROJECT NAME	WORK DONE
1-4	VIS SCHOOL @ KAYAR , Dr SIVA RESIDENCE @ NAGARCOIL , HUDCO AWARD 2022- DICV	WORKING DRAWINGS, LIGHTING SCHEDULE, PRESENTATION WORKS
5-7	MEENAKCHI RAMESH RESIDENCE @COONOR, LANDSCAPE REDEVELOPEMNT IN IVS	PRESENTATION DRAWINGS, SECTIONS, PLANTING AND SITE STUDY, WORKING DRAWINGS
8-10	RESIDENCE @ PERUNGUDI	WORKING DRAWINGS(TERRACE WITH OPTIONS) , PRESENTATION WORKS
11-13	CHAIMERS ROAD , SKCL EXCELLENCE @ GUINDY	WORKING DRAWINGS(TERRACE AND PAVING PATTERN) , PRESENTATION WORKS
14-15	VIS SCHOOL @ KAYAR	WORKING DRAWINGS(SCIENCE PARK WITH OPTIONS) , PRESENTATION WORKS
15-16	ANITHA TEX , KREA UNIVERSITY	WORKING DRAWINGS, PRESENTATION WORKS
16-18	PROPEL RESIDENCE , SCB MEDICAL CAMPUS	WORKING DRAWINGS, MATERIAL FINISH SCHEDULE, PRESENTATION WORKS

Chief Architect Signature:

g.p. joshi
for RAVIKUMAR NARAYAN
PRINCIPAL ARCHITECT

Office seal:



Ref No: RaA/Int – 104 / 2022
Date: 12.01.2022

To:
Dr. Devyani Gangopadhyay
Dean, HOD
Sathyabama Institute of Science and Technology
Chennai: 600 119.

Respected Ma'am,

Sub: Internship Joining Confirmation

This is to inform that **Vennila . A**, currently in the 10th Semester of the B.Arch course at **Sathyabama Institute of Science and Technology**, has been selected to join as intern in our firm on 12 - 01 -2022. The duration of the internship period is 90 working days.



Kind Regards,
For Ravikumar and Associates



Ravikumar Narayan
Founder & Principal Architect

CoA Reg No: CA/92/15139
Associate member of IIA -Reg No:12102
Fellow member of ISOLA -Reg No: N-/F2003



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DEPARTMENT OF ARCHITECTURE

PROFESSIONAL PRACTICAL TRAINING REPORT 2022

(Continuous progress report of the trainee architect for the period of One month in the office to submitted to HOD by the Trainee in Charge of the Organization)

1. Name of the office / organization : *Davikumari & Associates*
2. Address & Contact Number : *No. 14, Ground floor, North Avenue, Srinagar Colony, Saidapet ch - 15*
3. Name of the student : *Vennila - A*
4. Duration : *From January 12th To January 31st*
5. Total No. of days : *13 days*

6. Evaluation of Performance criteria shall be on

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month which will be converted to the allotted 90 marks by the department.

Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture		✓			
Participation in the office		✓			
Reading of drawings		✓			
Presentation Techniques		✓			
Model making works					✓
Understanding of construction details		✓			
Drafting Skills (Manual / Computer)		✓			
Site Supervision / Discussion with clients					✓
Adherence to Time schedule		✓			
Other computer skills		✓			
File and Office Maintenance		✓			
Coordination with other consultants					✓
Overall Grading*					

(A - 90, B - 80, C - 70, D - 60, E - 50)



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7. Any other Remarks :

8. Signature of the:
Head of the Office
Organization
(With Seal)

N. R.





Vennila

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DEPARTMENT OF ARCHITECTURE

PROFESSIONAL PRACTICAL TRAINING REPORT 2022

(Continuous progress report of the trainee architect for the period of One month in the office to submitted to HOD by the Trainee in Charge of the Organization)

1. Name of the office / organization : *Ravikumar & Associates*
2. Address & Contact Number : *No. 14, Grand floor, North Avenue, Srinagar Colony, Saidapet - 15.*
3. Name of the student : *Vennila. A.*
4. Duration : From *March 1* To *March 31*
5. Total No. of days : *24 days.*

6. Evaluation of Performance criteria shall be on

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month which will be converted to the allotted 90 marks by the department.

Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture			✓		
Participation in the office		✓			
Reading of drawings			✓		
Presentation Techniques			✓		
Model making works					✓
Understanding of construction details			✓		
Drafting Skills (Manual / Computer)			✓		
Site Supervision / Discussion with clients			✓		✓
Adherence to Time schedule			✓		
Other computer skills			✓		
File and Office Maintenance			✓		
Coordination with other consultants					✓
Overall Grading*	6.5				

(A - 9.0, B - 8.0, C - 7.0, D - 6.0, E - 5.0)

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7. Any other Remarks :

8. Signature of the
Head of the Office
Organization
(With Seal)



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DEPARTMENT OF ARCHITECTURE

PROFESSIONAL PRACTICAL TRAINING REPORT 2022

(Continuous progress report of the trainee architect for the period of One month in the office to submitted to HOD by the Trainee in Charge of the Organization)

- Name of the office / organization : *Ravikumar & Associates*
- Address & Contact Number : *No 14, Ground floor, North Avenue, Srinagar Colony, Saidapet CH-*
- Name of the student : *VENNILA . A*
- Duration : *From April 1 2022 to 31 April 2022*
- Total No. of days : *23 days.*

6. Evaluation of Performance criteria shall be on

* Note: Kindly grade the student as per his/her overall performance in the office during the assessment month which will be converted to the allotted 90 marks by the department.

Description of works	Excellent	Good	Fair	Poor	NA
Understanding of office culture		✓			
Participation in the office		✓			
Reading of drawings		✓			
Presentation Techniques		✓			
Model making works					✓
Understanding of construction details		✓			
Drafting Skills (Manual / Computer)		✓			
Site Supervision / Discussion with clients					✓
Adherence to Time schedule		✓			
Other computer skills		✓			
File and Office Maintenance			✓		
Coordination with other consultants					✓
Overall Grading*	7.5				

(A - 9.0, B - 8.0, C - 7.0, D - 6.0, E - 5.0)



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7. Any other Remarks :

8. Signature of the:
Head of the Office
/ Organization
(With Seal)

N.R.



Ref No: RaA/Int-108/2022
Date: 16 - 05 -2022

TRAINING COMPLETION CERTIFICATE

This is to certify that **Vennila A**, (Reg no: 37210043) currently in the 10th semester of the B.Arch course at **Sathyabama Institute of Science & Technology**, has undergone her Architectural Internship from 12.01.2022 to 06.05.2022 at our office.

During her internship, we found her very sincere and hardworking.

We wish her all the best in her future endeavors.

Kind Regards,
For Ravikumar and Associates

N.R.
Ravikumar Narayan
Founder & Principal



CoA Reg No: CA/92/15139
Associate member of IIA -Reg No:12102
Fellow member of ISOLA -Reg No: N-/F2003

TABLE OF CONTENTS

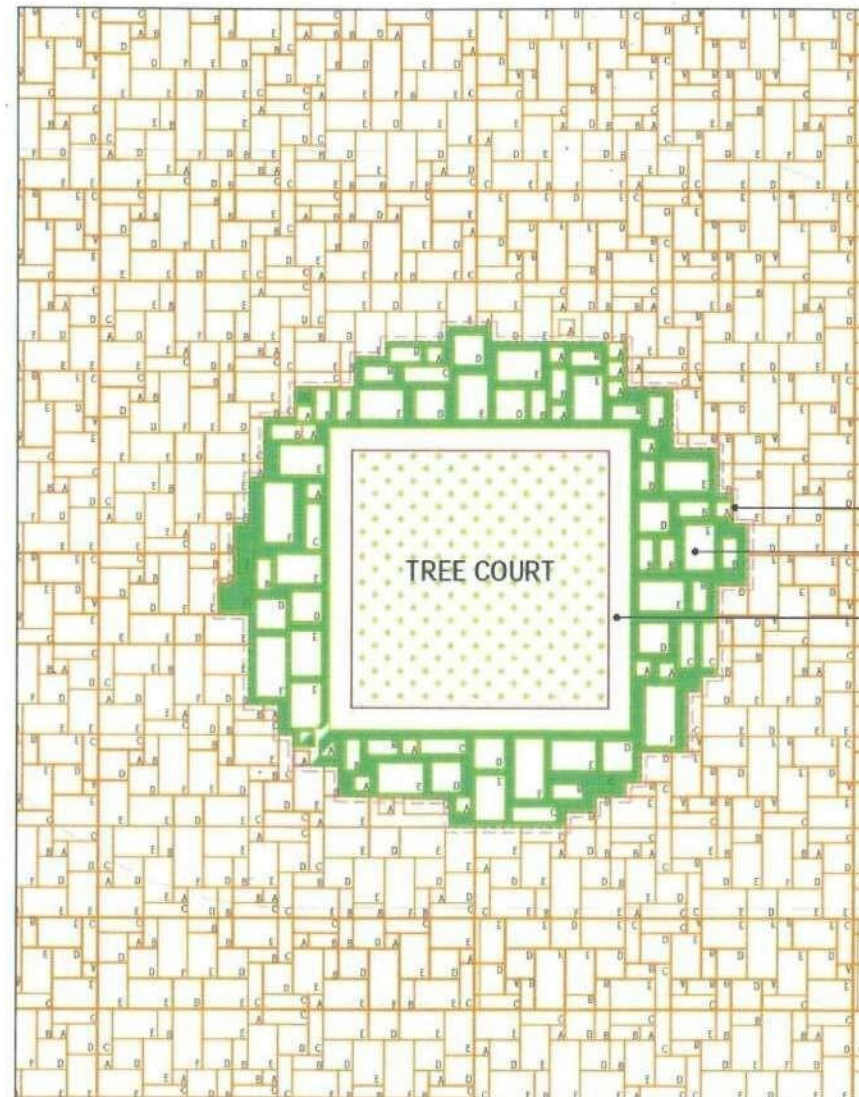
CHAPTER NO	TITLE
1.1	VIS SCHOOL @ KAYAR
1.2	LIGHTING SCHEDULE IN MEENAKSHI RESIDENCE
1.3	MEENAKSHI RESIDENCE IN COONOOR
1.4	HUDCO AWARDS 2021-2022 – DICV
1.5	NEW LANDSCAPE REDEVELOPMENT IN IVS
1.6	VIS – OAT PLANTING
1.7	RESIDENCE AT PERUNGUDI
1.8	CHAIMERS ROAD – TERRACE
1.9	SKCL EXCELLENCE @ GUINDY
1.10	VIS SCHOOL – SCIENCE PARK
1.11	SNS 0 SHIV NADAR SCHOOL
1.12	PROPEL RESIDENCE

FIRM HISTORY

- Ravikumar and Associates (RaA) is an International Award winning Landscape Consulting firm founded in the year 1995 by Architect and Landscape Architect Ravikumar Narayan. The Firm's specialization involves with the core competencies of Landscape Architecture, Environmental Design and Master Planning, extending to Landscape infrastructure, sustainable design, Landscape Urbanism and Landscape Engineering.



VILLAGE COURT PLAN
(Scale 1:500)



DETAIL A
Paving Pattern Detail
(Scale 1:100)

VILLAGE COURT

Schedule of Paving stones

S.no.	Symbol	Size
1	A	1' X 1'
2	B	1' X 2'
3	C	1' X 3'
4	D	2' X 2'
5	E	2' X 3'
6	F	2' X 4'

- Flushed Curb wall
- Stepping stones with 6" thk. grass joints
- 175mm ht Planter edge wall

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DRAWING STATUS

SCHEME FOR APPROVAL

ONLY FOR TENDER

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No. Date Revision Drawn Ckd By

PROJECT MANAGEMENT CONSULTANTS

CHERALATHAN ASSOCIATES
NO. 13, SHANTI ENCLAVE
25 VENKATKRISHNA ROAD
R.A. PURAM, CHENNAI - 600 028
PH: 2495 7991

ARCHITECTS

mindspace
Architect + Engineers + Interiors
#03, KALPANA CHAWLA ROAD, RMV II STAGES
ANJAYNAGAR Bangalore-560 094
Phone Nos. 080-2351 5501/02 Fax No. 080-2351 5503

PROJECT

VIS CHENNAI
@ KAYAR

DRAWING TITLE

Village court -
Paving Pattern around the Tree Court

Job.no : 933/19 Drawn : Vennila North : CHK BY :

Drg.no:LA-02 Date : 20.01.2022 Scale: as mentioned GPJ

FILE NAME :

C:\Users\lens\Desktop\LA - 02_18_19\03 Village Court - Detailed
Ravikumar.apr plan - sections (20-01-2022) (1)

LANDSCAPE ARCHITECTS

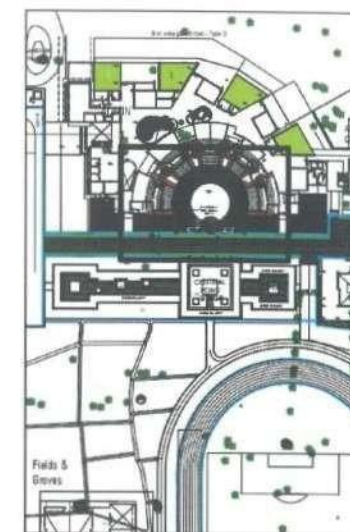
RaA
Ravikumar and Associates
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL DESIGN
SUSTAINABLE PLANNING

16, NORTH AVENUE, SERVICER COLONY, SAIDAPET, CHENNAI - 600 015
P: 011 44 22 20 201 / 011 44 22 20 202 / 011 44 22 20 203 / 011 44 22 20 204 / 011 44 22 20 205 / 011 44 22 20 206 / 011 44 22 20 207 / 011 44 22 20 208 / 011 44 22 20 209 / 011 44 22 20 210

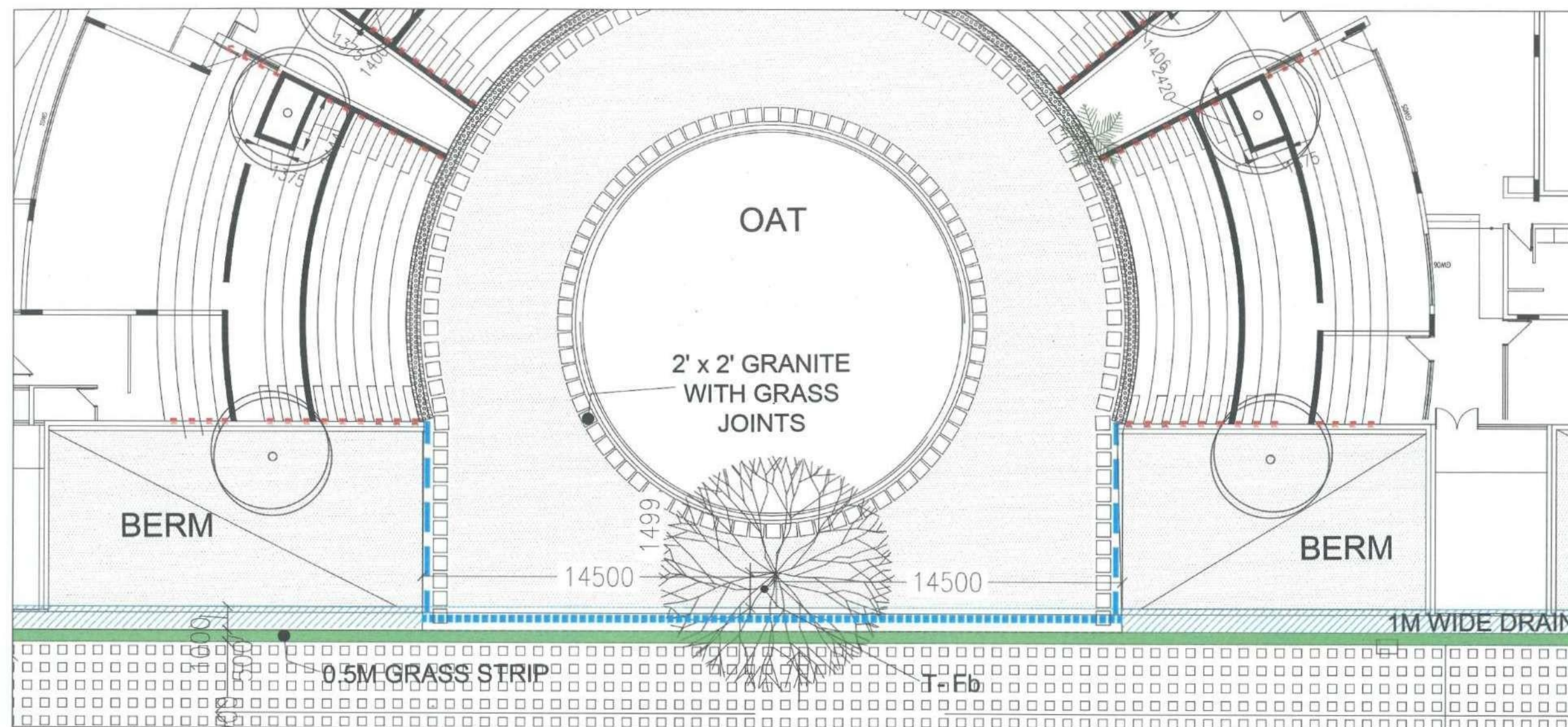


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KEY PLAN



TREE PLANTING SCHEDULE

S.no	Symbol	Botanical name	Quantity(Nos)	Height of sapling
BERM near OAT				
A) TREES				
1	T - Fb	Ficus benjamina	01	10'-12'

PROJECT MANAGEMENT CONSULTANTS



CHERALATHAN ASSOCIATES
NO. 13, SHANTI ENCLAVE
25 VENKATAKRISHNA ROAD
R.A. PURAM, CHENNAI - 600 028
PH: 2495 7991

ARCHITECTS



mindspace
Architect + Engineers + Interiors
#03, KALPANA CHAWLA ROAD, RMV II STAGES,
ANJAYANAGAR Bangalore-560 094
Phone Nos.080-2351 5501/02, Fax No.080-23515503

PROJECT

VIS, CHENNAI
@ Kayar

DRAWING TITLE

BERM NEAR OAT
Planting plan

Job no: 933/19	Drawn: vennila	North:	CHK BY:
Drg no: LA-101	Date: 18.03.2022	Scale: 1:100	GPJ

FILE NAME:

Z:\11 PROJECTS\VIS SCHOOLS CHENNAI\Drawings\Our Dwg\5 -
SOFT LANDSCAPE CONSTRUCTION DRAWINGS\NON -
ISSUED\OATLA - 101 BERM near OAT - Planting plan (17.05.2021)

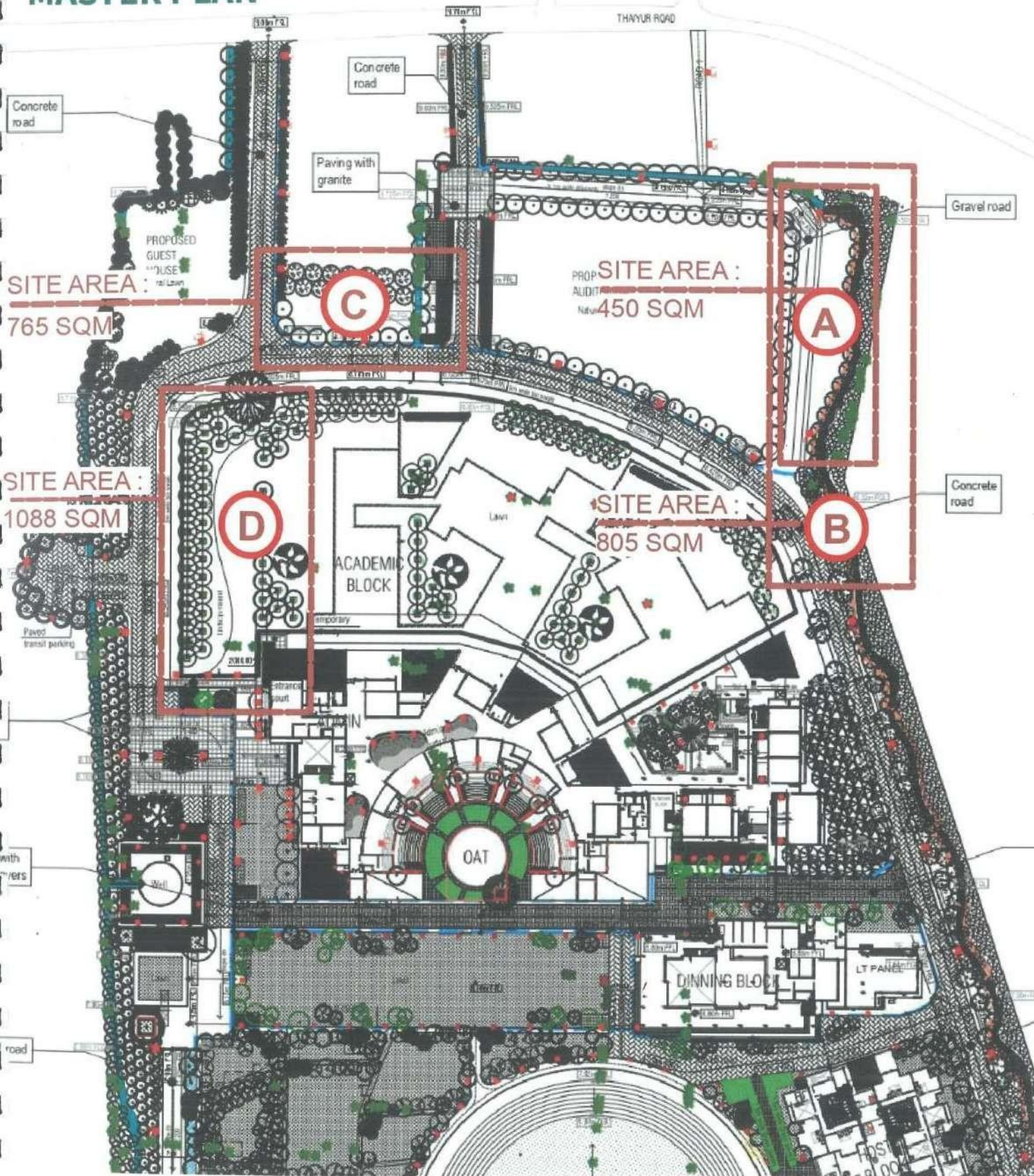
LANDSCAPE ARCHITECTS



Ravikumar and Associates
14 NORTH AVENUE, SRINAGAR COLONY, BACKPOT, CHENNAI-18
P: 47-48 2200501-02, M: 98899 99999, T: 47-48 2200503, FAX: 47-48 2200502

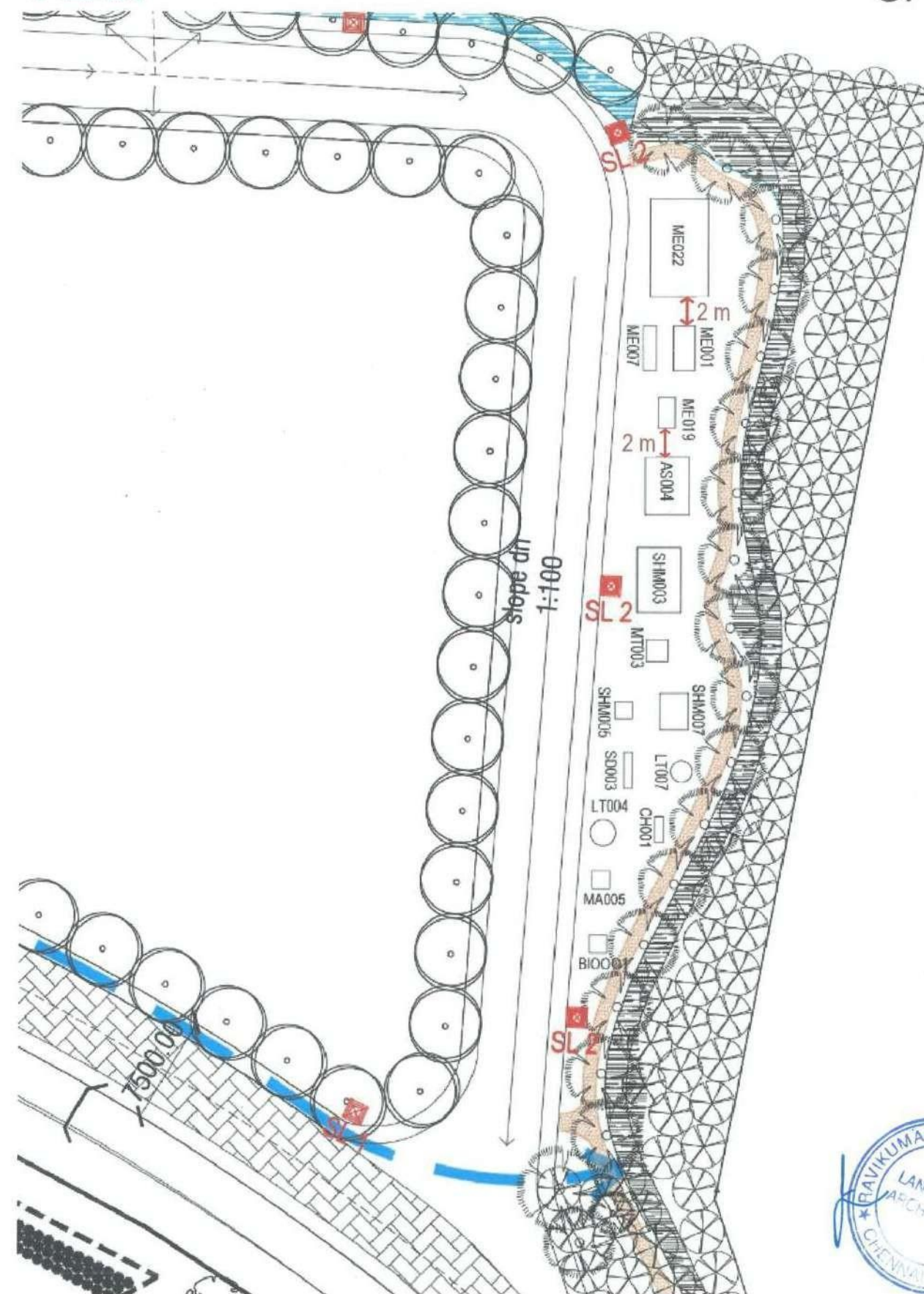


MASTER PLAN



PLAN

OPTION 4



SITE AREA : 450 Sqm

ARCHITECTS

**VIS CHENNAI @ Kayar
SCIENCE PARK**



LANDSCAPE ARCHITECTS



ARCHITECTS

**VIS CHENNAI @ Kayar
SCIENCE PARK**



LANDSCAPE ARCHITECTS

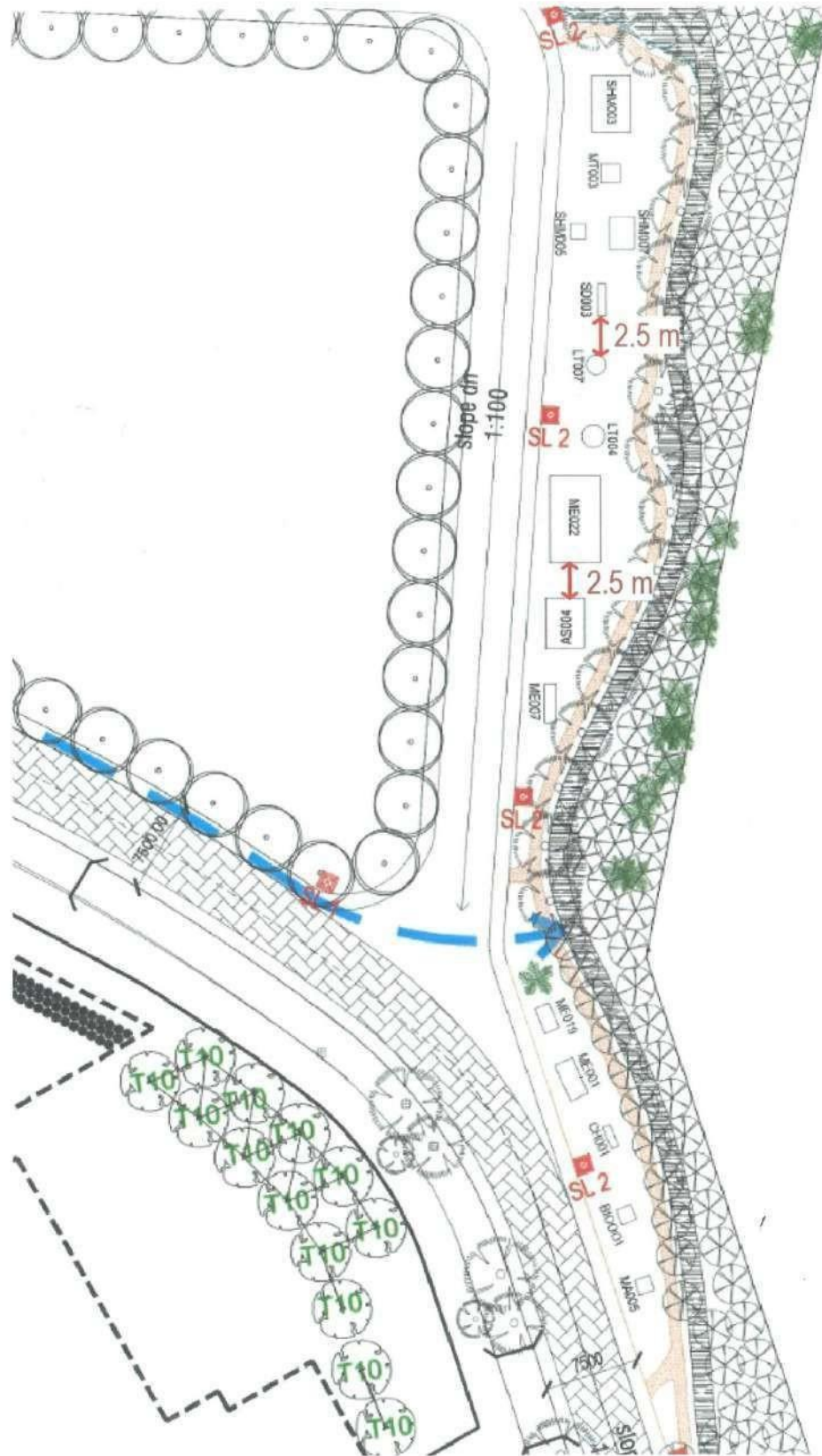


SCIENCE PARK

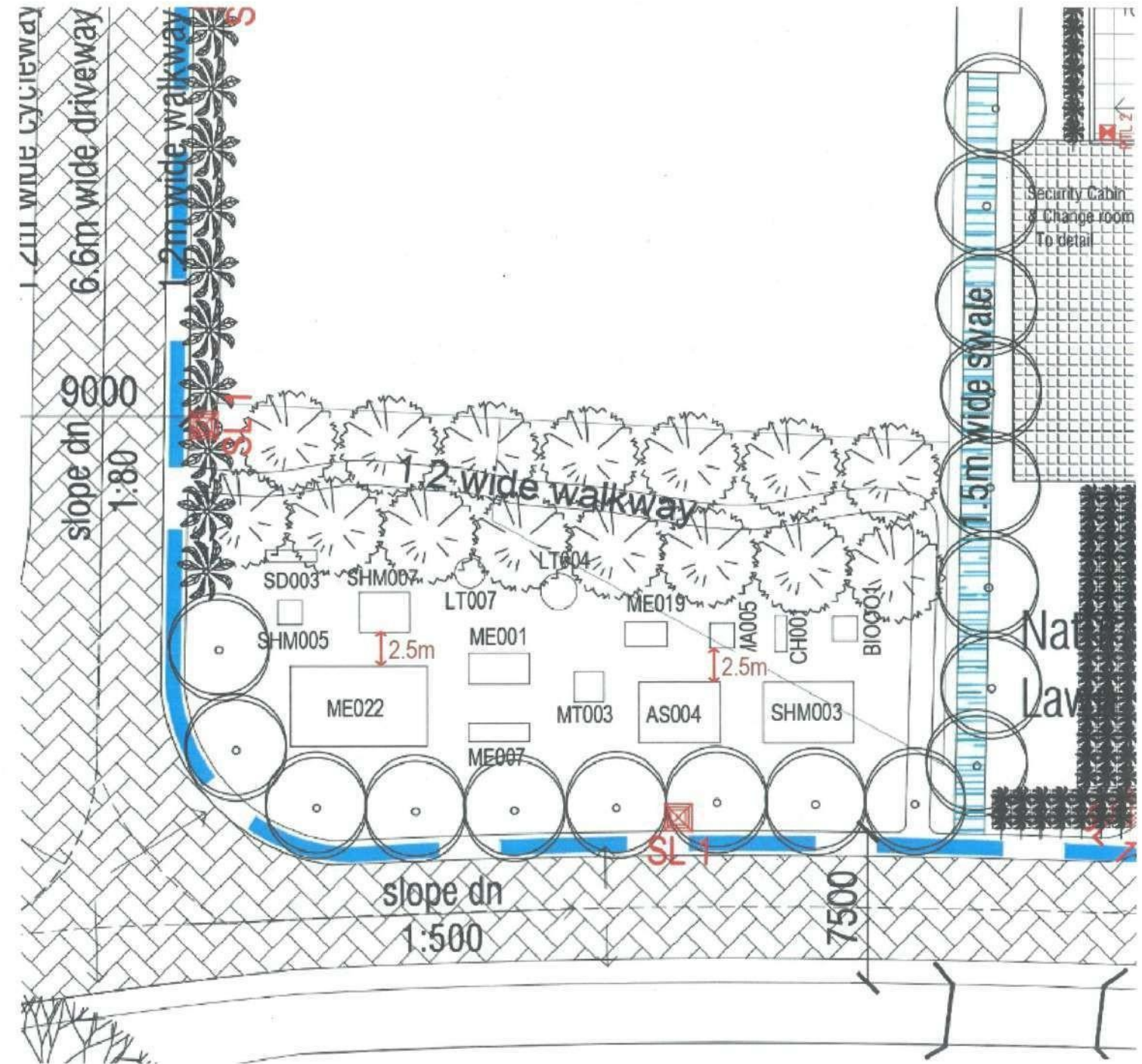
OPTION B

SCIENCE PARK

OPTION C



SITE AREA : 805 Sqm



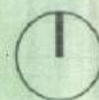
SITE AREA : 756 Sqm



ARCHITECTS



VIS CHENNAI @ Kayar
SCIENCE PARK



LANDSCAPE ARCHITECTS



ARCHITECTS



VIS CHENNAI @ Kayar
SCIENCE PARK



LANDSCAPE ARCHITECTS



Ref No: RA/Doc/101					
Date :18/01/2022					
Project: Residence at Nagercoil					
LIGHTING SCHEDULE					
S.NO	DESCRIPTION	IMAGE	PRODUCT ID	SPECIFICATIONS	QUANTITY
1	PTL – Post Top Lanterns (Option 1)		K -Lite KL-5491 (CEDAR)	[Dimension Ø606 * 1100] Wattage 150W LED IP65	10
	PTL – Post Top Lanterns (Option 2)		K -Lite KL- 6019 (COSMO)	[Dimension Ø 590 * 795] Wattage 70W LED IP65	
	PTL – Post Top Lanterns (Option 3)		K -Lite KL-5049 (FLORIA – CLEAR)	[Dimension Ø 616 * 800] Wattage 60W LED	
	PTL – Post Top Lanterns (Option 4)		K -Lite KL-6062 (GANTHAL)	[Dimension Ø 700 * 450] Wattage 70W LED	
	PTL – Post Top Lanterns (Option 5)		K -Lite KL- 6018 (JAMAL)	[Dimension Ø 488 * 703] Wattage 70W LED IP65	
	PTL – Post Top Lanterns (Option 5)		K -Lite KL-5219 (RING LANTERN MINI)	[Dimension Ø 355 * 715] Wattage 18W LED IP65	

2	BL- Bollard Light (Option 1)		K Lite KL-4718	[Dimension Ø210 x 758mm] Wattage E27 12W LED IP65	18
			K Lite KL-4719	[Dimension Ø210 x 558mm] Wattage 12W LED IP65	
	BL- Bollard Light (Option 2)		K -Lite KL-6952	(DIMENSIONS perimeter 130 * 200) Wattage 6w LED IP65	
	BL- Bollard Light (Option 3)		K -Lite KL-6967	(DIMENSIONS 285* 166* 1000) Wattage 16w LED	
			K -Lite KL-6968	(DIMENSIONS 475 * 166 * 1000) Wattage 2 * 16 w LED IP65	
3	OBL -Ornamental Bollard Light		K Lite KL-4735	[Dimension Sq.150 x 910mm] Wattage 12W LED IP65	3
4	WML – Wall mounted light(Option 1)		K Lite L-6984	[Dimension 172 x 129 x 200mm] Wattage 6W LED IP65	33
	WML – Wall mounted light(Option 2)		K Lite KL-4336	[Dimension 257x 206 x 325mm] Wattage 12W LED IP65	
			K Lite KL-4337	[Dimension 257 x 206 x 400mm] Wattage 12W LED IP65	
	WML – Wall mounted light(Option 3)		K Lite KP-1799 (Curvey) KL-5268	30W LED IP65	
	WML – Wall mounted light(Option 4)		K Lite KP-1716 (Vincent/Vincent inverted) KL-5268 (Noide Mini)	Wattage E27 LED IP65	

5	CML – Ceiling Mounted light		K -Lite KL-7555	Dimension C.O.D : Ø160mm] 1 x 45W LED IP65	7
6	TFL -Tree Focus light		K – Lite KL-4275	[Dimension Ø42 x 73mm] Wattage 3W LED	8
7	LFL -Landscape Focus light		K – Lite KL-4215	Wattage 1x60W LED IP65	34
8	ICFL -In-ground column Focus light		K-Lite KL-4141	[Dimension Ø173 x 142mm] 14W LED IP65	4
9	LSL – LED strip lights		K-Lite KL-3591	[Dimension 500mm] Wattage 9W LED IP65	1
			K-Lite KL-3592	[Dimension 1000mm] Wattage 9W LED IP65	
			K-Lite KL-3593	[Dimension 1500mm] [Dimension 1000mm] Wattage 9W LED IP65	
			K-Lite KL-3594	[Dimension 2000mm] [Dimension 1000mm] Wattage 9W LED IP65	
10	UWL – Under water lights		K-Lite KL-4149	[Dimension Ø150 x 62mm] Wattage 9 x 2W LED IP65	5



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GRADING LEGEND	
S.No	Description
1.	FRL FINISHED ROAD LEVEL
2.	FPL FINISHED PAVEMENT LEVEL
3.	FGL FORMED GROUND LEVEL
4.	EGL EXISTING GROUND LEVEL
5.	ERL EXISTING ROAD LEVEL

PLANTING LEGEND	
	EXISTING TREES

Date	Revision	Drawn	Chk by
------	----------	-------	--------

- NOTES:
- All dimensions are in meters.
 - All levels are in meters.
 - All levels indicated are finished levels.
 - Only written dimensions to be followed.
 - Refer STRUCTURAL CONSULTANT'S drawings & details for all FOUNDATIONS, SUB BASES all other structural elements including ROOF Water proofing & other related works.
 - Refer MEP CONSULTANT'S drawing details for all Storm water drains, catch basins, swales, RWP etc/ Electrical routing & other entities etc.
 - For items mentioned as "Vendors shop drawings" shall be vetted by the Landscape Architect before execution.
 - This drawing has to be read and co-ordinated with the following revised and updated detail sheets.
 - a. Material finishes
 - b. Hard landscape section and details
 - c. Settingout plans
 - d. Soft landscape details
 - e. Planting schedules
 - f. BOQ and Specifications
 - g. Irrigation layout
 - h. Lighting schedule
 - i. Grading plan
 - j. Other structural, MEP and other Service consultant's details
 - Any discrepancies noticed in the drawing shall be brought to the notice of the Landscape Architect & Architect immediately.

Architects



Cuboid Architecture

Project: M.R RESIDENCE AT COONOR

Drawing Title: SET OUT PLAN

Job no: 95121	Drawn: Vennila	North:	CHK BY:
Drw.no: LA-01	Date: 14.02.2022	Scale: 1:200	GPJ RKN

File name: Z:\1 PROJECTS\Nemishetti Ramiah Residence, Coonoor\Drawings\Our Dwg1 - CONCEPT\ISSUEDLA - 01 SET OUT PLAN (14.02.2022)

Landscape Architects



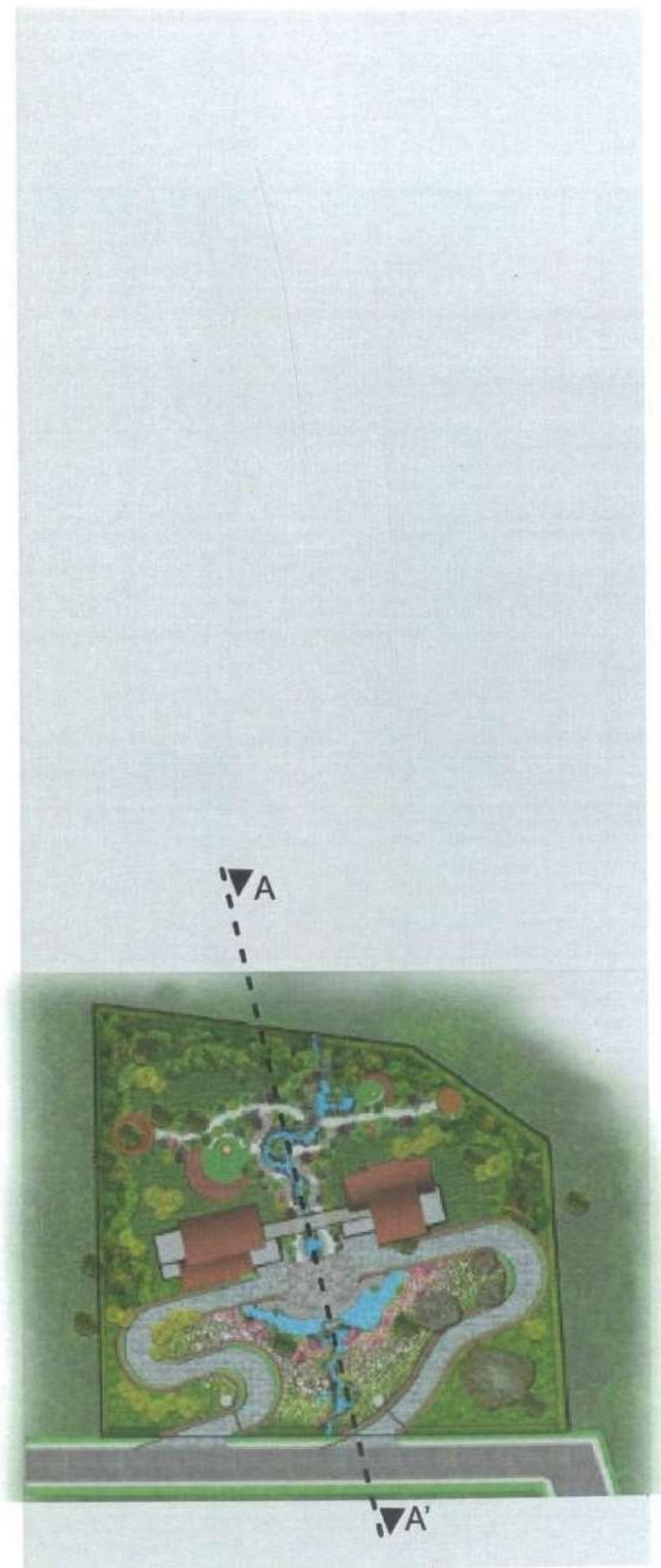
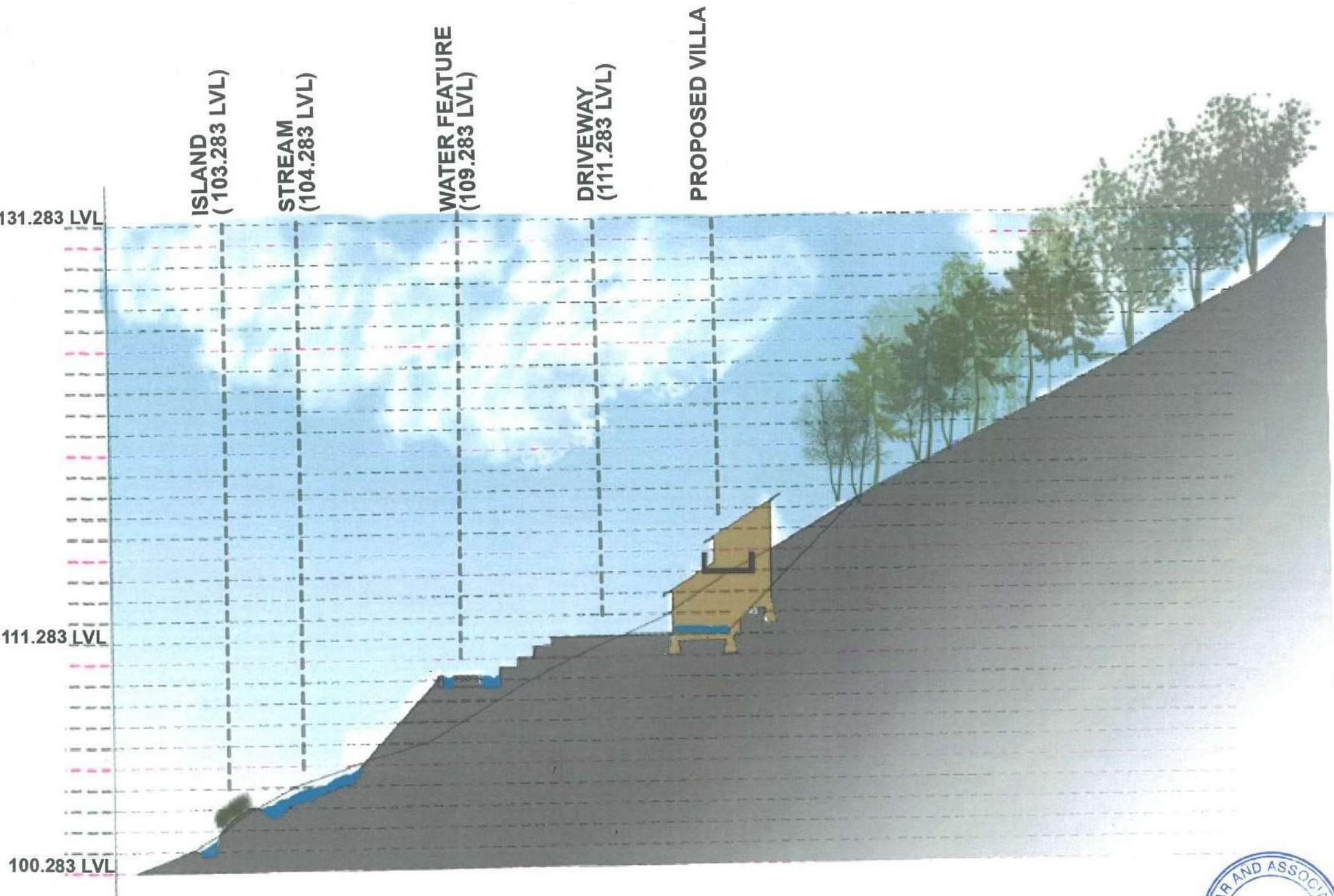
RaA LANDSCAPE ARCHITECTURE ENVIRONMENTAL DESIGN

Ravikumar and Associates

RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI

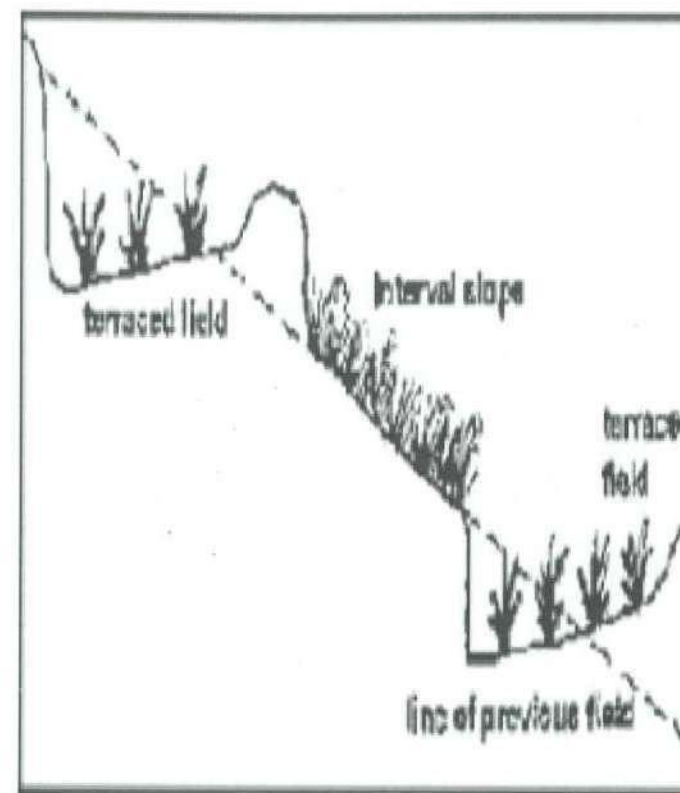
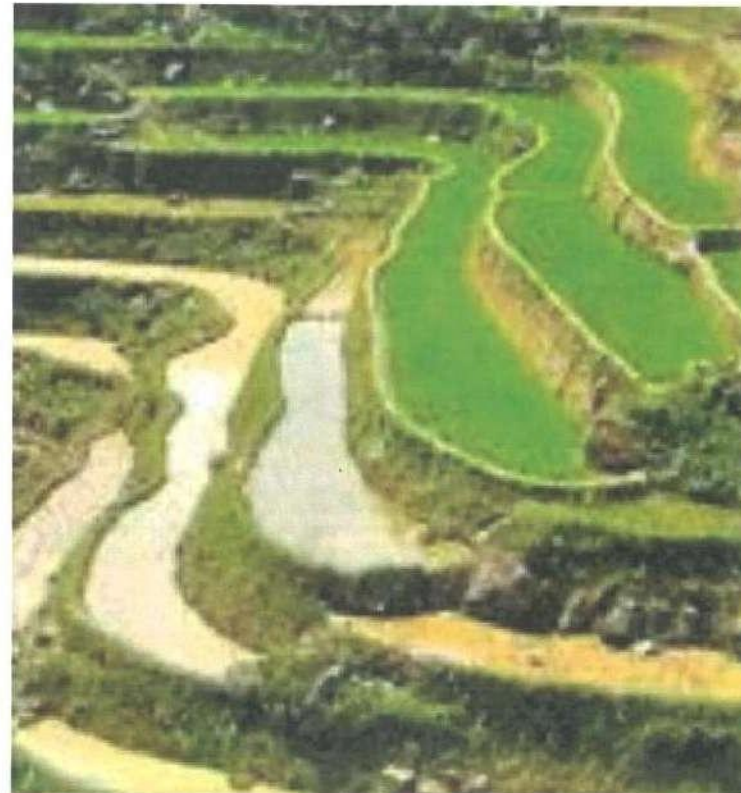


SITE SECTION



WATER MANAGEMENT SYSTEM

BENCH TERRACING



Ground Water Table

Bench terraces are a soil and water conservation measure used on sloping land with relatively deep soils to retain water and control erosion. They are normally constructed by cutting and filling to produce a series of level steps or benches. This allows water to infiltrate slowly into the soil.

PERCOLATION PITS



Percolation tank is an artificially created surface water body, submerging in its reservoir a highly permeable land, so that surface runoff is made to percolate and recharge the ground water storage. These are located on highly fractured and weathered rocks, which have lateral continuity downstream.

ARCHITECTS



Cuboid Architecture

MEENAKSHI RAMESH RESIDENCE

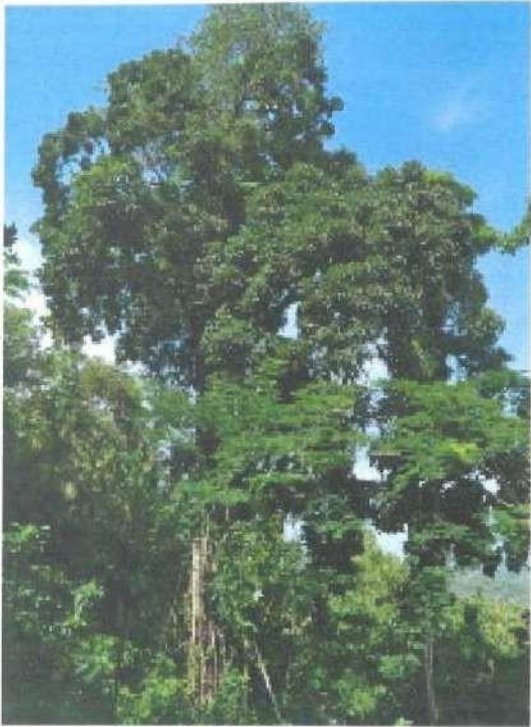
Proposed Villas @ COONOOR



LANDSCAPE ARCHITECTS

RaA

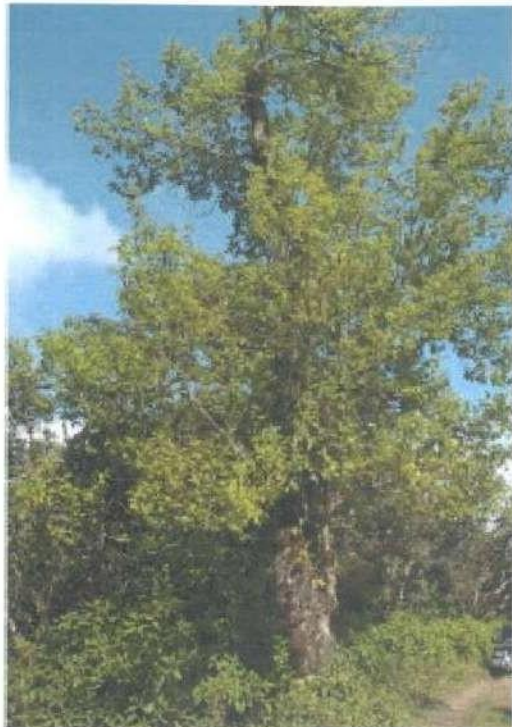
Ravikumar and Associates



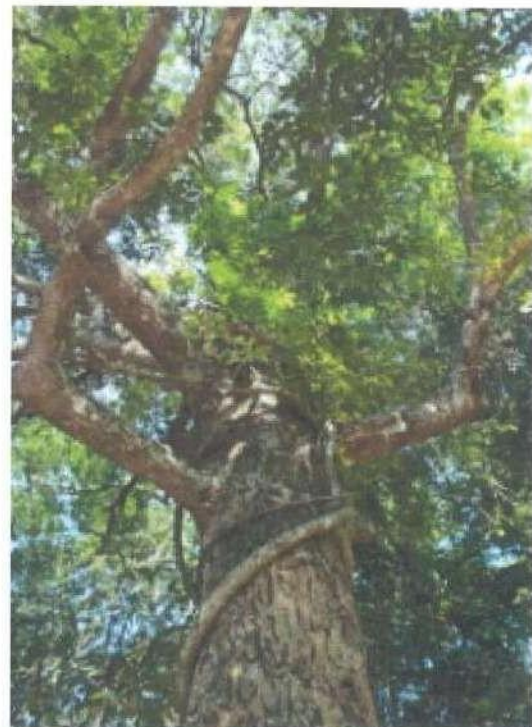
Bischofia javanica
(Bishop wood)



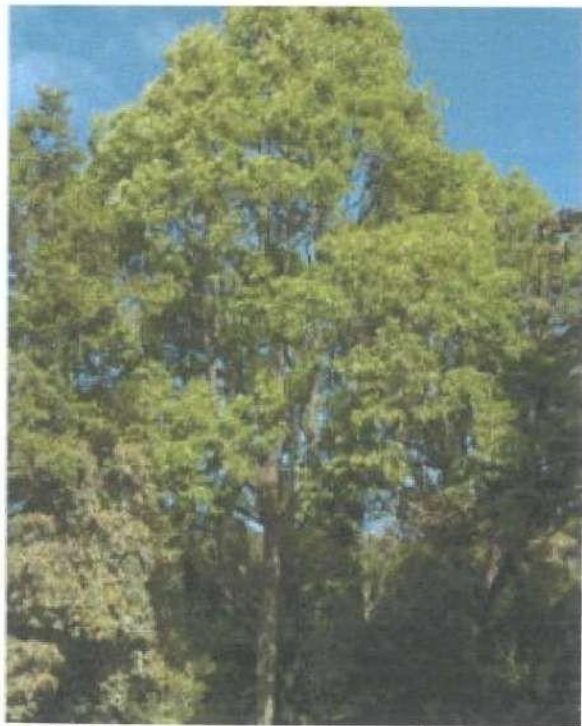
Toona ciliata
(Mountain Cedar)



Michelia niligarica
(Nilgiri Champa)



Calophyllum tomentosum
(Bintangur)



Pygeum gardneri
(Ceylon Cherry)



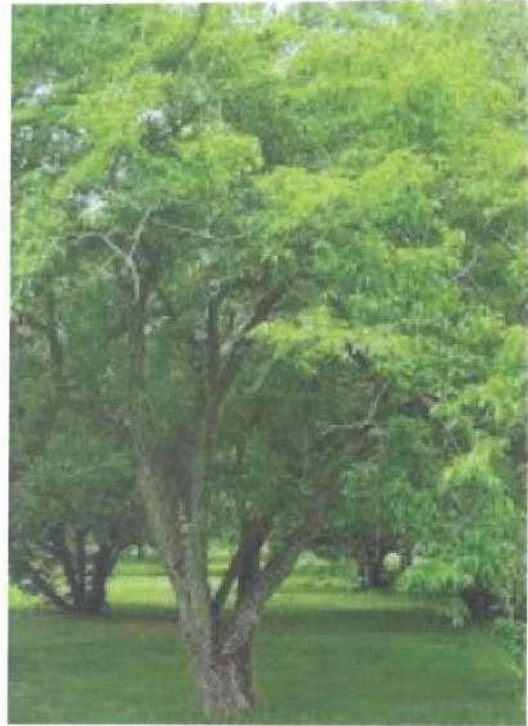
Ficus glomerata
(Cluster fig)



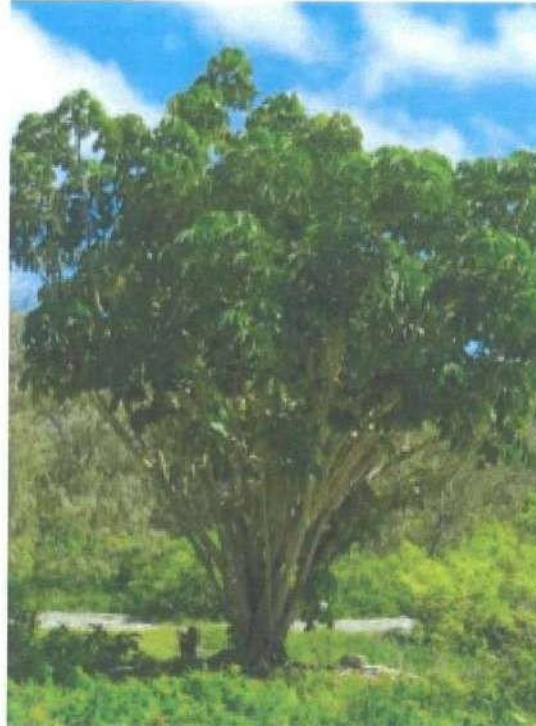
Mallotus
(Kaamala Tree)

DESCRIPTION:

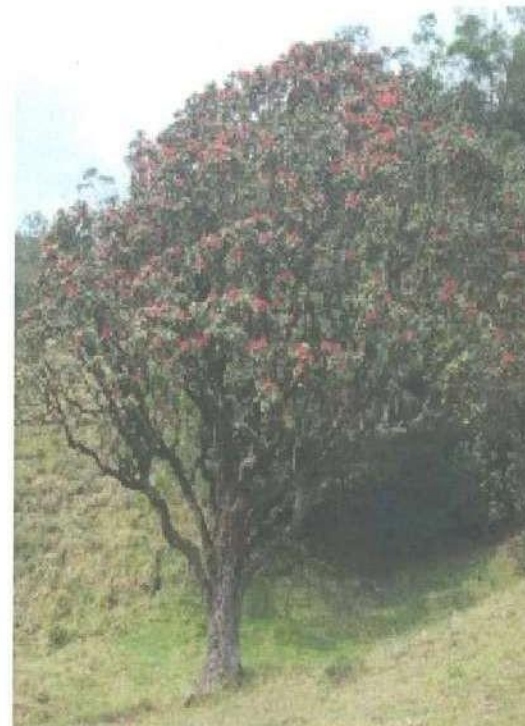
- Shola forests are rich storehouses of biodiversity and act as 'overhead water tanks'.
- The shola forests help in water retention and act as a precious source of water for high altitude animals and plants. These forests are also the origin of many streams and rivers.
- The flora show special characteristics, as they have to adapt to extreme climates and winds. As the high altitude sholas are like islands, disconnected from other regions, endemcity is high.



Euonymus
(Common canopy)



Schefflera racemosa
(Kanneemaram)



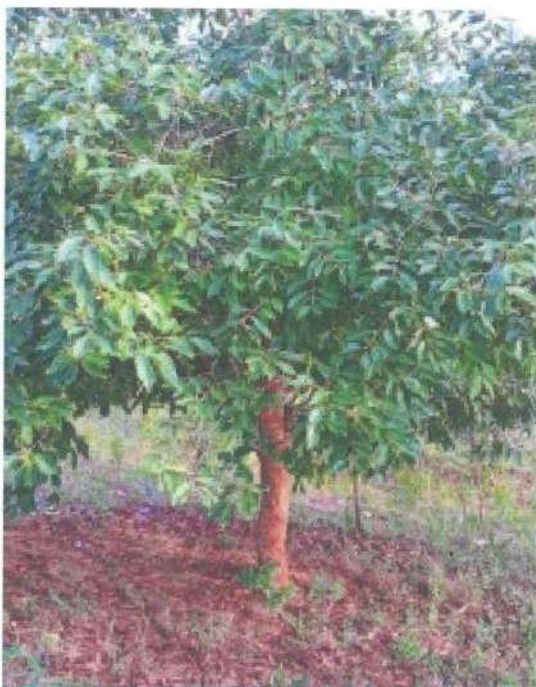
Rhododendron nilgircum
(Small trees)



Litsea wightiana
(Wight's Litsea)



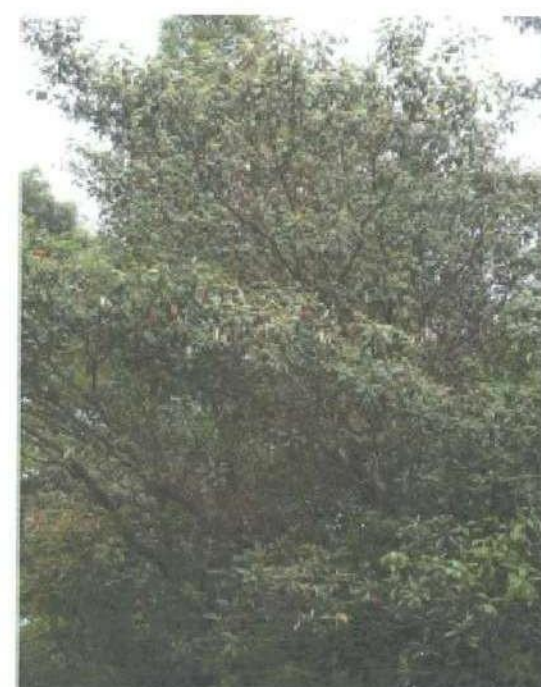
Linociera ramiflora
(Northern olive)



Syzygium
(Rose Apple)



Mahonia nepalensis
(Nepal Barberry)



Elaeocarpus recurvatus
(Nilgiri Rudraksh)

DESCRIPTION:

- Shola forests have an upper storey of small trees and a low understory of dense shrubs. Mosses and ferns are also found in the understory.
- As tree species of the montane, evergreen forests are flammable. The regeneration of any Shola tree species is severely inhibited except for *Rhododendron nilagircum*, the only Shola tree that can tolerate fire.

ARCHITECTS



MEENAKSHI RAMESH RESIDENCE
Proposed Villas @ COONOOR



LANDSCAPE ARCHITECTS
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SHOLA FOREST SPECIES

Small Trees



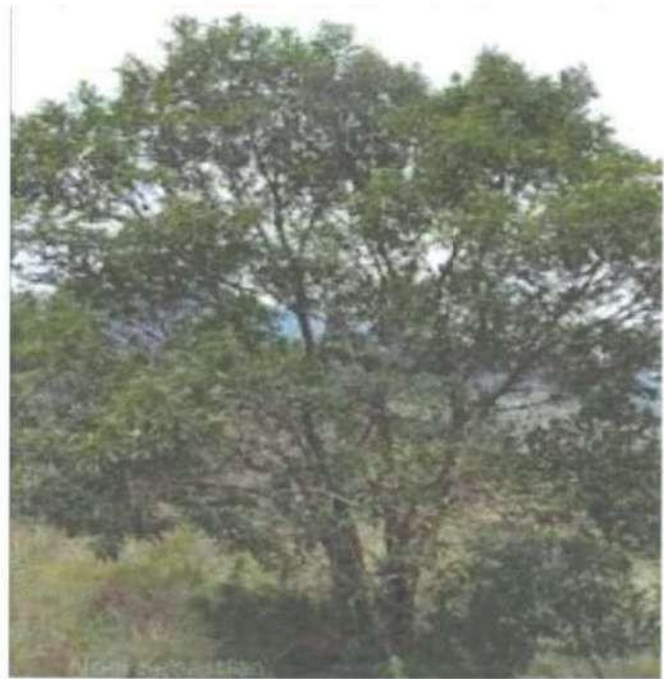
Ternstroemia japonica



Viburnum erubescens
(Reddish viburnum)



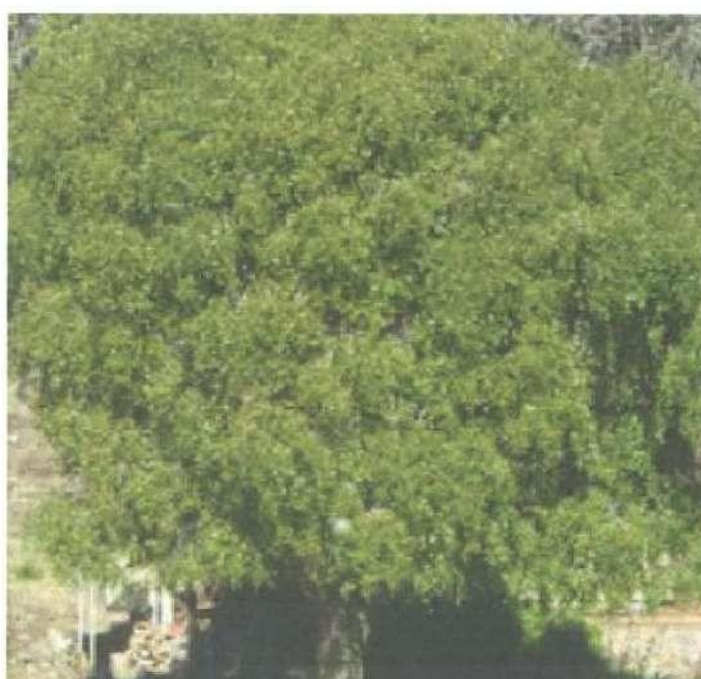
Lonicera japonica
(Japanese honeysuckle)



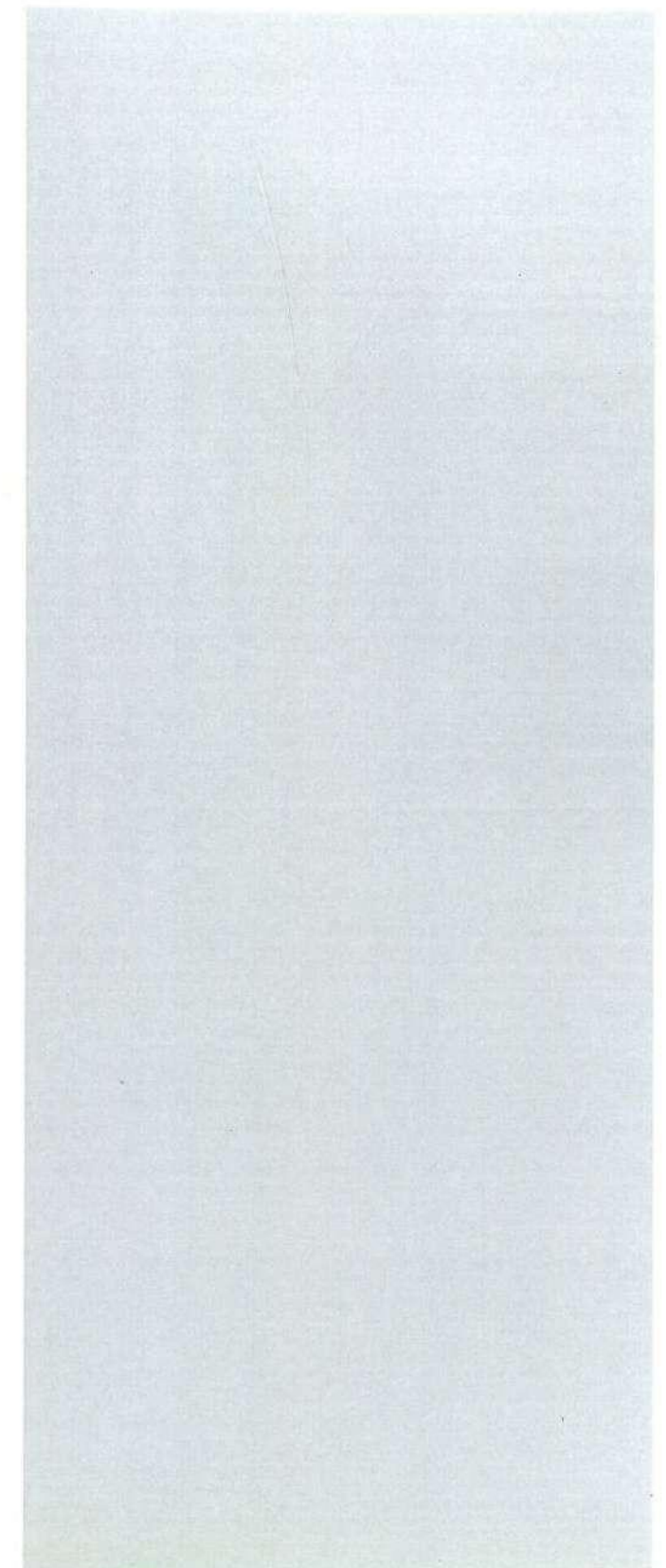
Gordonia obtusa
(Blunt-leaved gordonia)



Microtropis ramiflora Wight
(Japanese cleyera)



Gymnosporia
(Roth's spike thorn)



ARCHITECTS



Cuboid Architecture

MEENAKSHI RAMESH RESIDENCE
Proposed Villas @ COONOR



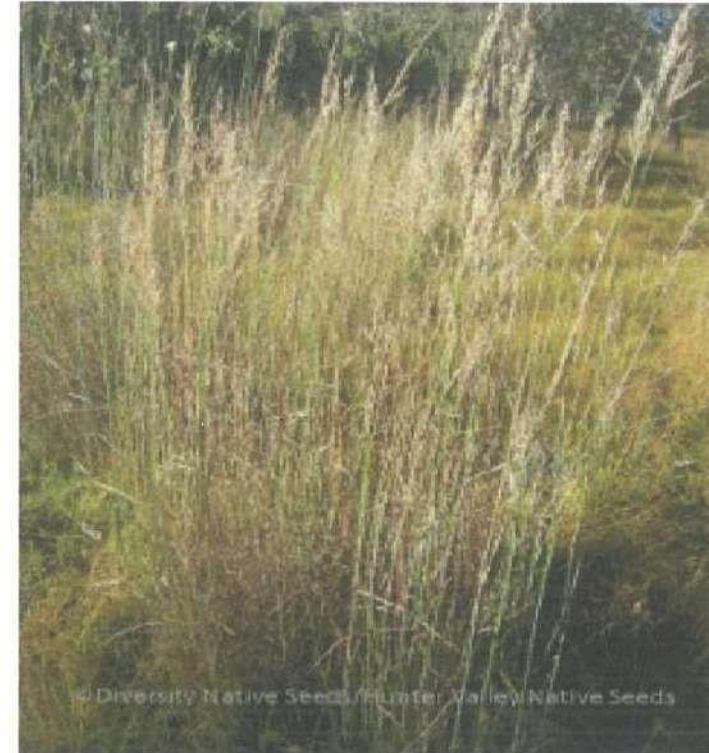
LANDSCAPE ARCHITECTS
RaA
Ravikumar and Associates



Chrysopogon zeylanicus



Arundinella ciliata



Arundinella tuberculata



Cymbopogon flexuosus



Themeda tremula



Arundinella mesophylla

DESCRIPTION:

- Shola forests are interspersed with montane grasslands, characterized by frost and fire resistant grass species like Chrysopogon zeylanicus, Cymbopogon flexuosus, Arundinella ciliata, Arundinella mesophylla, Arundinella tuberculata, Themeda tremula, and Sehima



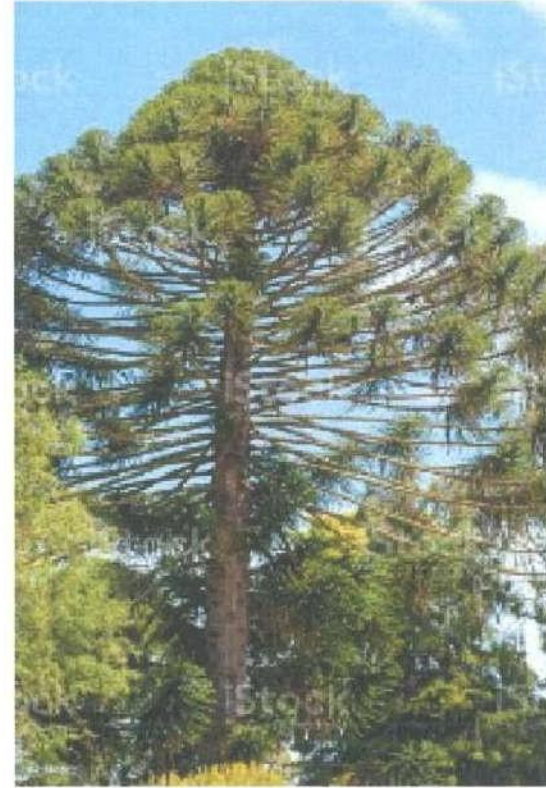
Aesculus indica
(Indian horse-chestnut)



Albizia julibrissin
(Silktree Mimosa)



Alnus nepalensis
(Alder tree)



Araucaria heterophylla
(Norfolk Island pine)



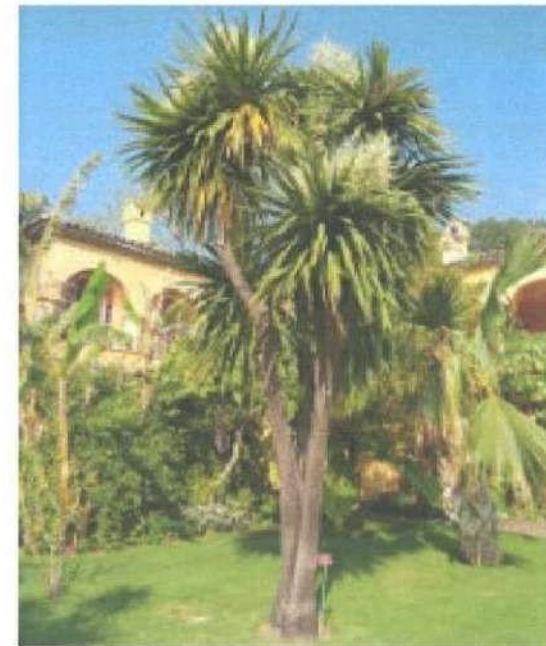
Callistemon lanceolatus
(Bottlebrush plants)
(Palasu)



Cedrus deodara
(Deodar cedar)
(Devadaram)



Celtis tetrandra
(Eastern Nettle Tree)



Cordyline australis
(Cabbage Tree)

MEENAKSHI RAMESH RESIDENCE
Proposed Villas @ COONOOR

ARCHITECTS



LANDSCAPE ARCHITECTS
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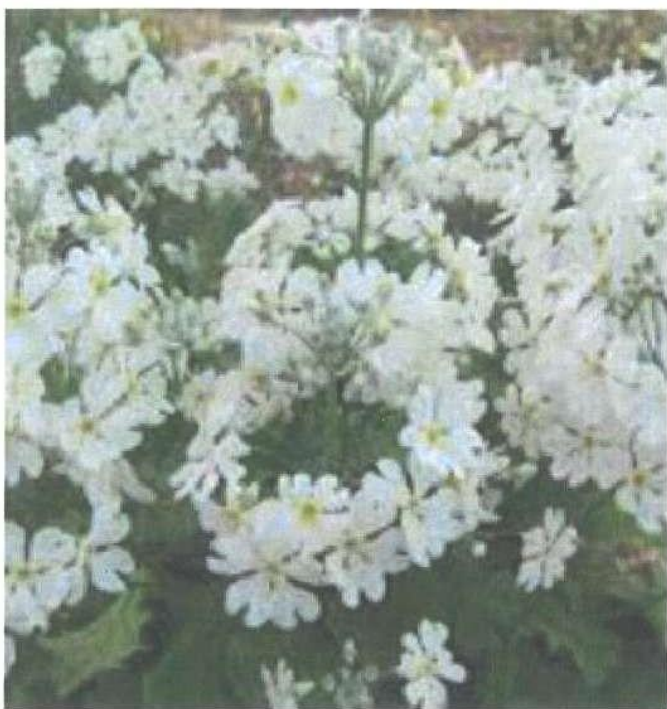
SEASONALS



Clubed begonia



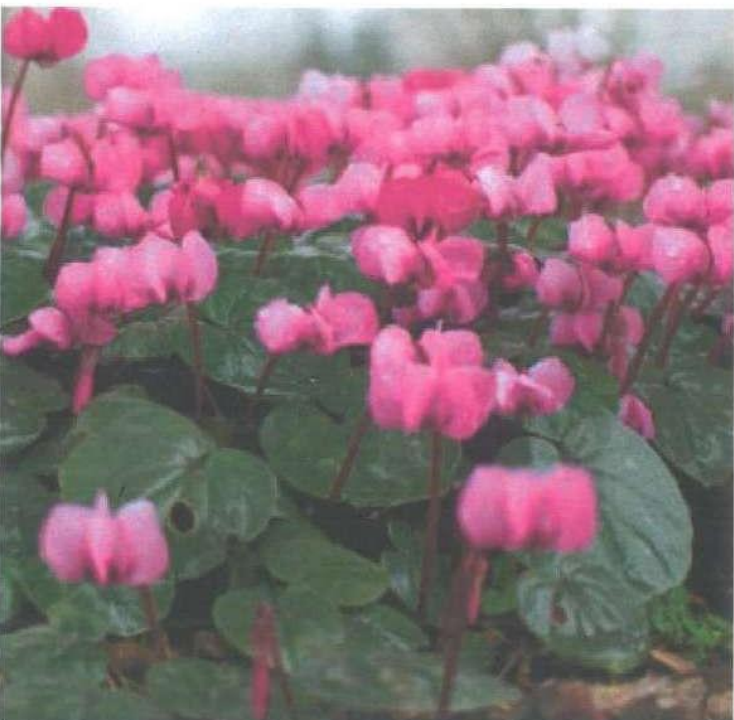
Khejri



Fairy primrose



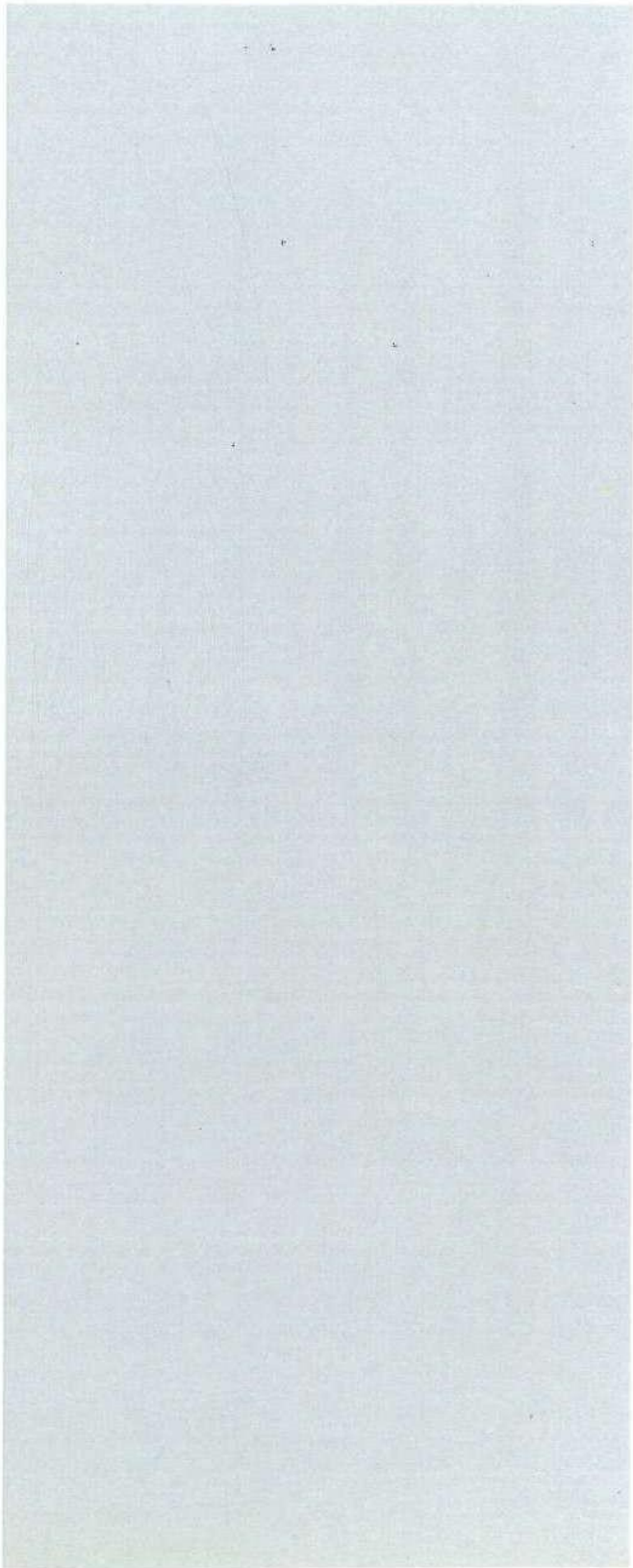
Violet slipper Gloxinia



Swinebread



Poor man's orchid





Black Pepper



Cardamon



Vanilla



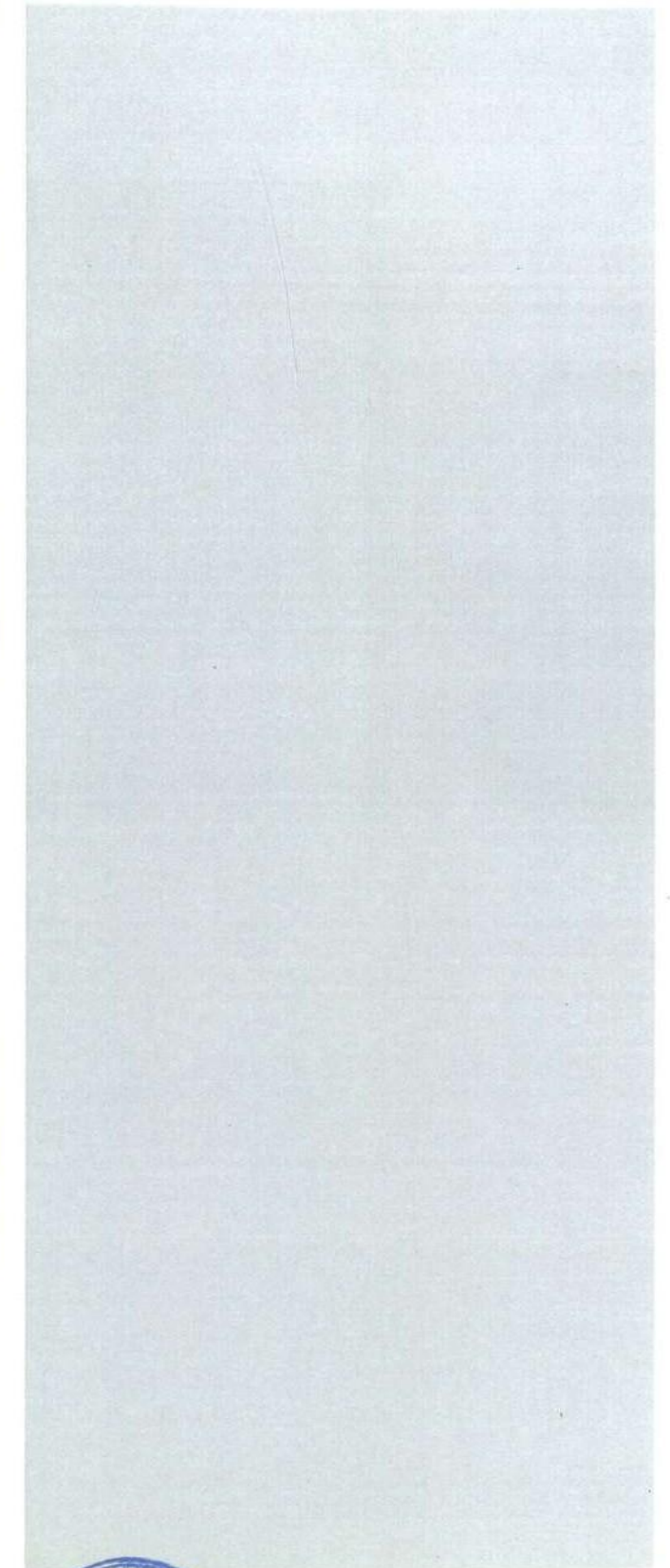
Cinnamon



Turmeric



Flag Sweet





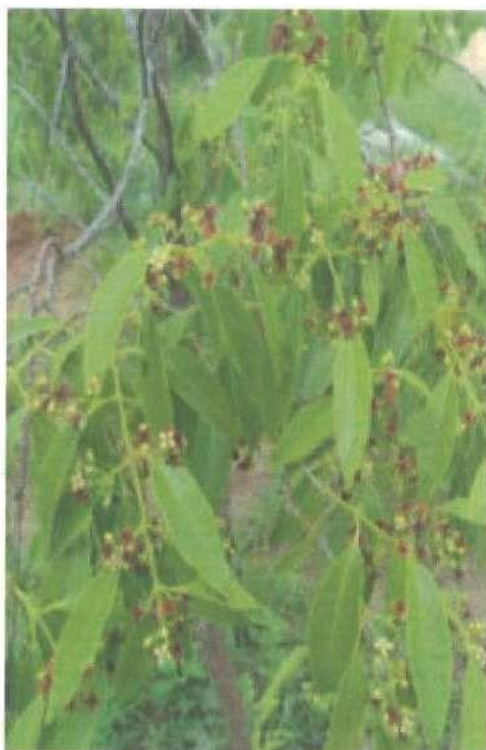
Achyranthes aspera
(chaff-flower)



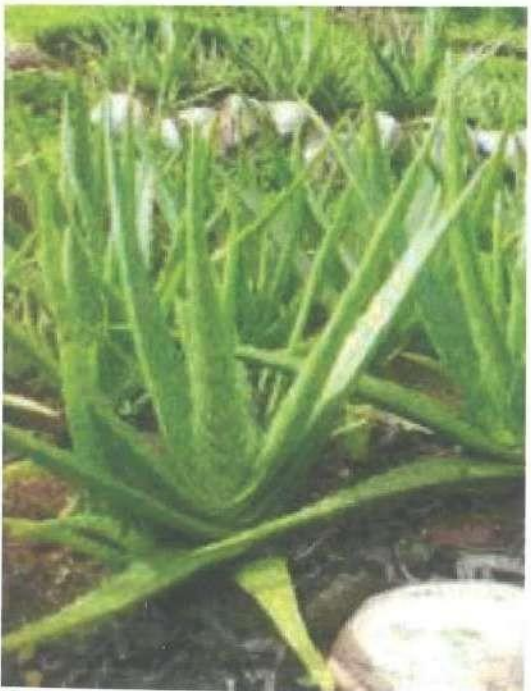
Alternanthera sessilis
(Nilakeerai)



Cymbopogon citratus
(Lemon grass)



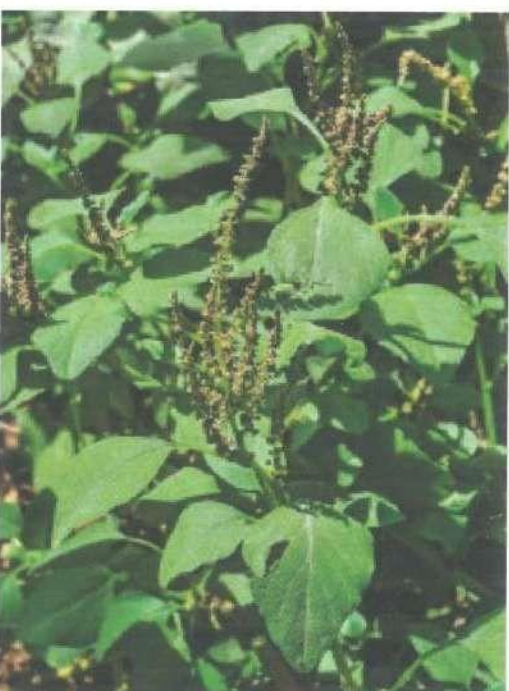
Santalum album
(Indian sandalwood)



Aloe vera
(Aloe vera)



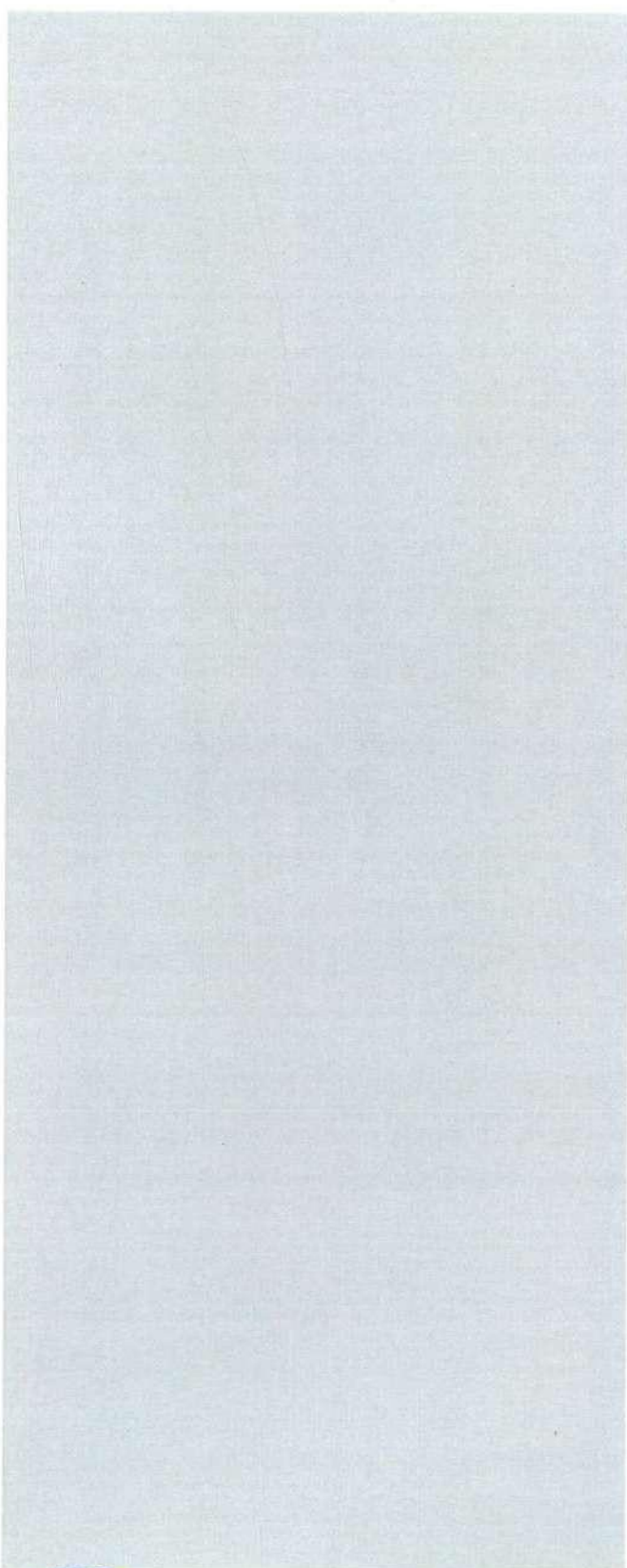
Coleus malabaricus
(Periya tulasi)



Amaranthus gangeticus
(Mulai keerai)



Plantago erosa
(Redwool plantain)



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DRAWING STATUS

SCHEME FOR APPROVAL

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S.NO	SYMBOL	DESCRIPTION
1.	◆ - FPL	FINISHED PAVING LEVEL
2.	◆ - FRL	FINISHED ROAD LEVEL
3.	◆ - FFL	FINISHED FLOOR LEVEL
4.	◆ - FGL	FORMED GROUND LEVEL

LEGEND

SG - SIGNAGE

Notes

- All dimensions are in meters.
- Only written dimensions to be followed.
- All levels are in millimeters.
- All levels indicated are finished levels.
- This drawing has to be read and co-ordinated with the following revised and updated detail drawings:
 - Material finishes
 - Hard landscape section and details
 - Soft landscape details
 - Planting schedules
 - BOQ and Specifications
 - Lighting layout
 - Lighting schedule
 - Grading plan
 - Other structural, plumbing and service consultant's details
- Any discrepancies noticed in the drawing shall be brought to the notice of the Landscape Architect & Architect immediately.
- Footings / Foundations to be provided / vetted by the structural consultant.

S.No	Date	Revision	By	Drawn
1.	08.01.15	Step 1: Initial design	Phanika	Phanika
2.	03.03.22	Landscape layout - Eastern zone	Venilla	Venilla

ARCHITECTS

SAJITH AND VIVEK ARCHITECTS
CHENNAI

PROJECT

LANDSCAPE REDEVELOPMENT AT
NEW IVS BLOCK
SHO INGANALUR

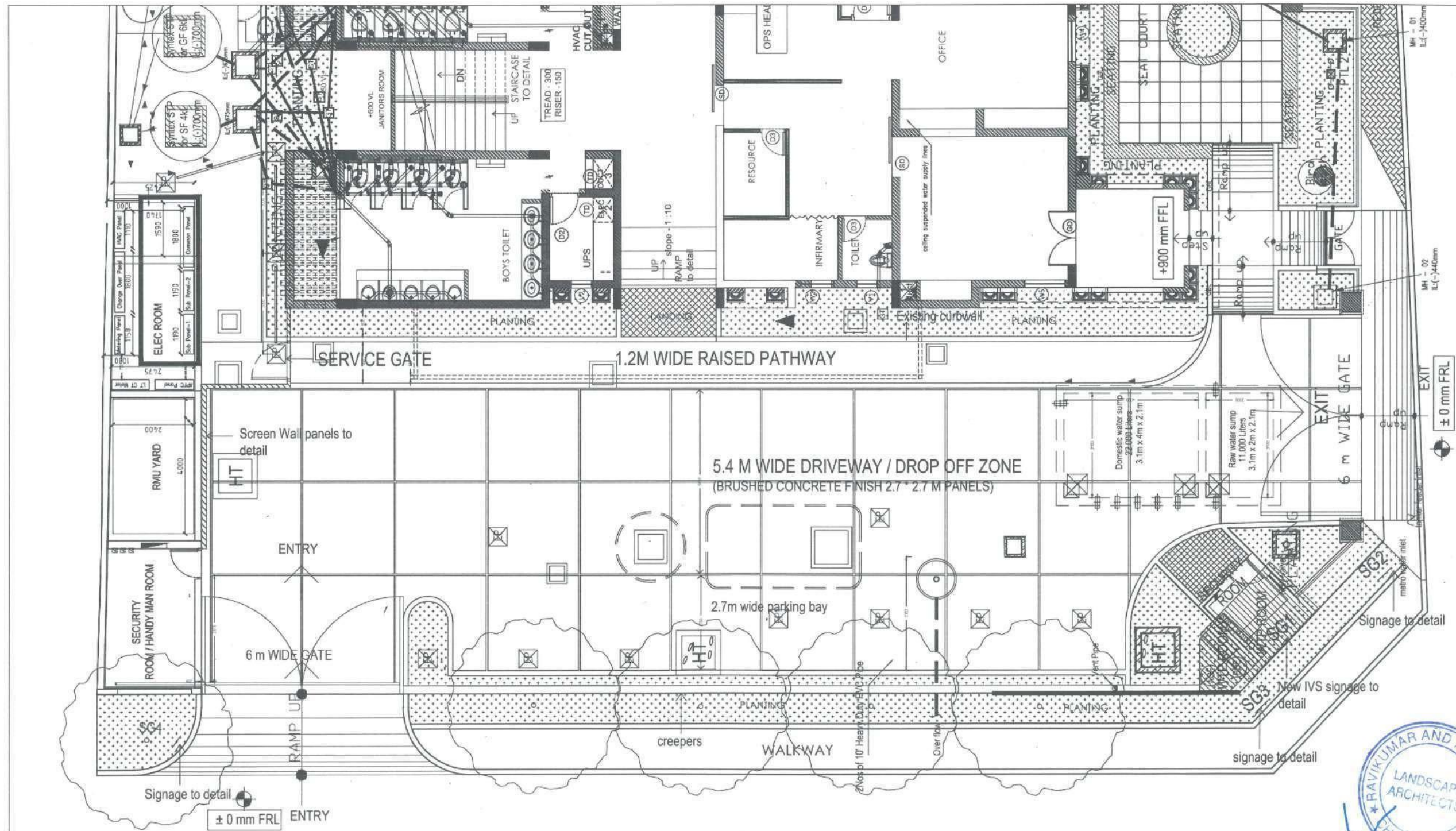
DRAWING TITLE

LANDSCAPE LAYOUT
EASTERN ZONE

Job no: 652/4 Draw: Venilla North: 0
Chk BY: SP/SPJ
Dwg no: 1401 Date: 03.03.2022 Scale: 1:25
FILE NAME: 211 PROJECT 19 Landscape Redevelopment New IVS Drawing Out
Dwg1 - CONCEPT PLAN - ASSIGNED EAST ZONE - RS

LANDSCAPE ARCHITECTS

RaA
RAVIKUMAR AND ASSOCIATES
LANDSCAPE ARCHITECTS
CHENNAI-15



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LEGEND
HW - Hatch Window



NOTES:
1. All dimensions are in Meters.
2. Only when dimensions are to be followed.
3. All levels are in millimeters.
4. All levels are indicated as finished levels.
5. This drawing has to be read and co-ordinated with the
following revised and updated detail drawings.
a. Material finishes
b. Hard landscape section and details
c. Soft landscape details
d. Seating plans
e. Planting schedules
f. BOD and Specifications
g. Irrigation layout
h. Lighting schedule
i. Grading plan
j. Other structural, Plumbing and Service consultant's
details
6. Any discrepancies noticed in the drawing shall be brought
to the notice of the landscape Architect & Architect
immediately.
7. Footing / Foundation to be provided / vetted by the
structural consultant.

S.No	Date	Revision	Drawn

ARCHITECTS
SAJITH AND VIVEK ARCHITECTS
CHENNAI

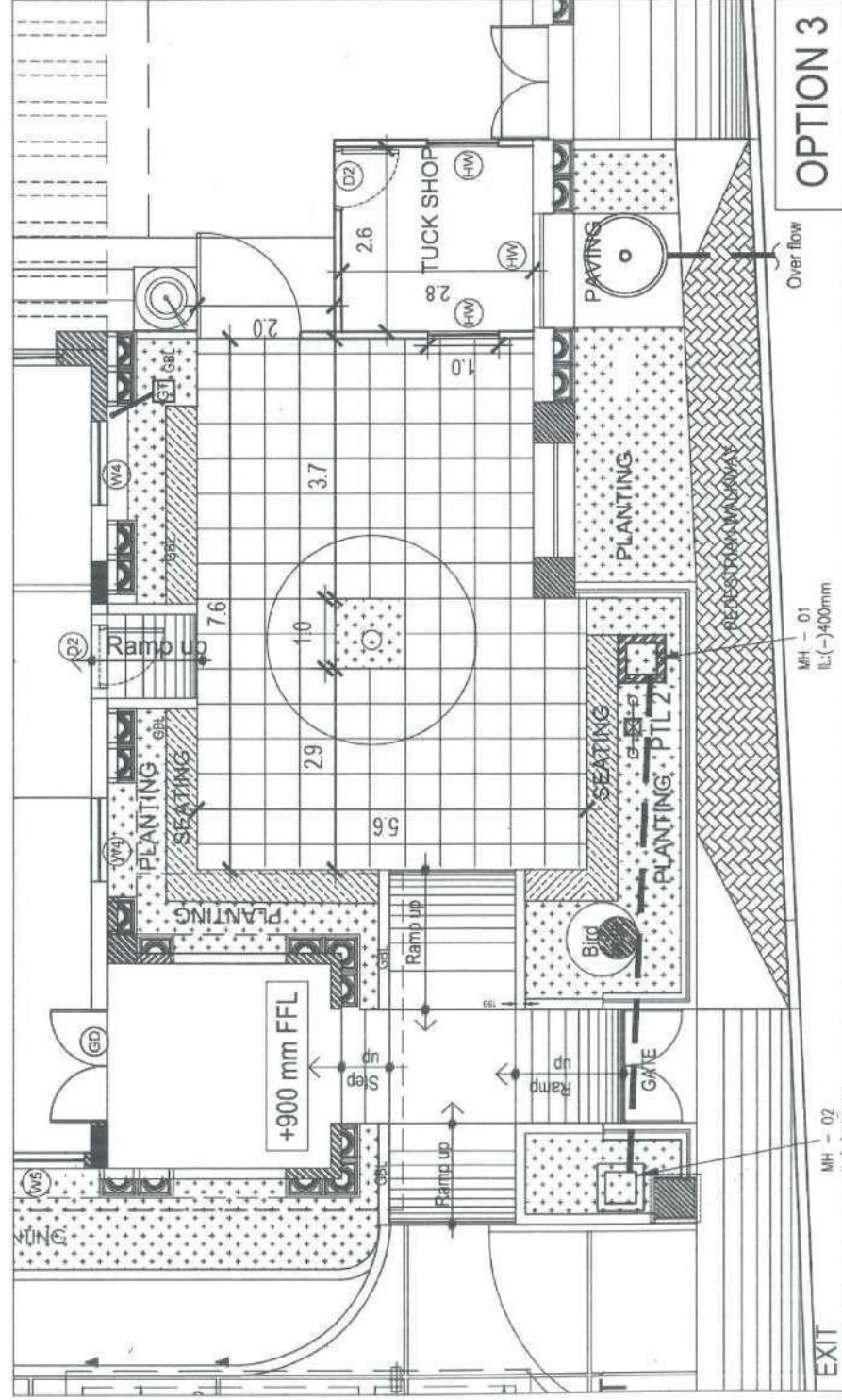
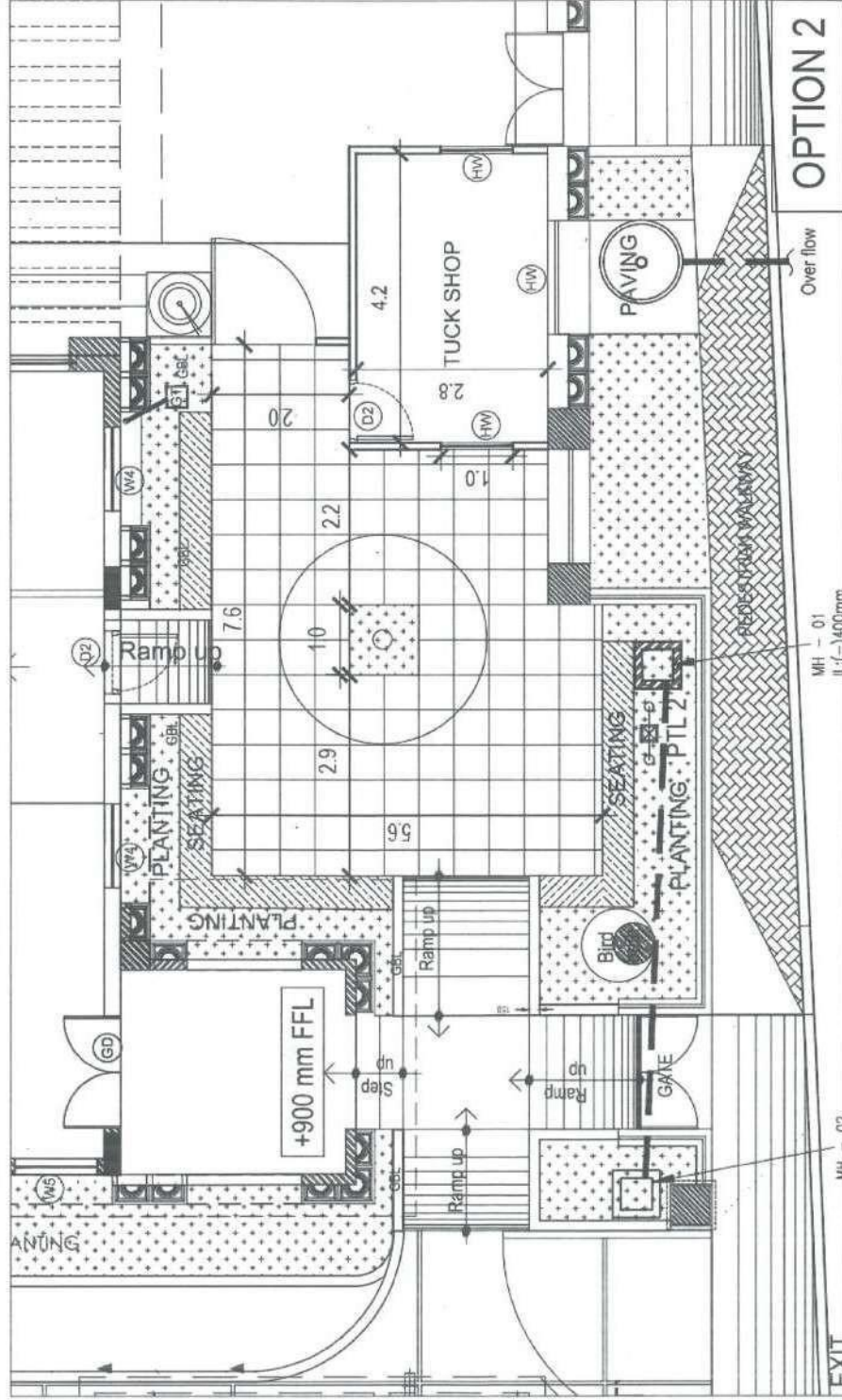
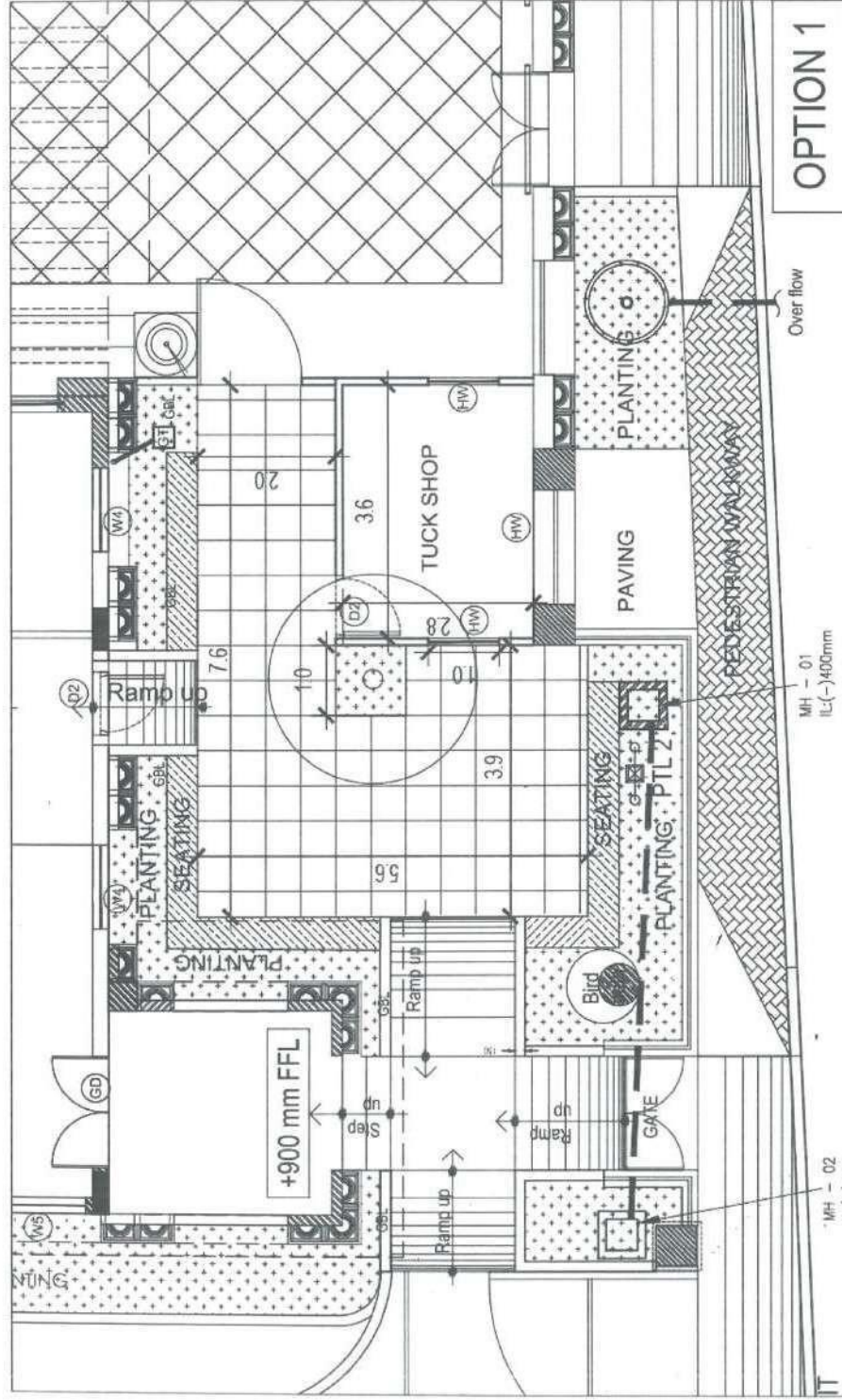
PROJECT:
LANDSCAPE REDEVELOPMENT AT
NEW IVS BLOCK
SHOLINGAVALLUR

DRAWING TITLE:
LANDSCAPE LAYOUT
NORTHERN ZONE - OPTIONS

Job No: 950221
Drawn: Venila
North
Date: 05.03.2022
Scale: 1:400
S.D.G.U.
FILE NAME:
213 PROJECTS LANDSCAPE Redevelopment New IVS Buildings Our Dept -
CONCEPT/ISSUED/LA - 02 Landscape scheme Options Northern zone (IL129)

LANDSCAPE ARCHITECTS
Ravikumar and Associates

Ravikumar and Associates
213 PROJECTS LANDSCAPE Redevelopment New IVS Buildings Our Dept -
CONCEPT/ISSUED/LA - 02 Landscape scheme Options Northern zone (IL129)



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- NOTES:**
1. All dimensions are in millimeters.
 2. All levels are in millimeters.
 3. All levels indicated are finished levels.
 4. Only written dimensions to be followed.
 5. Any discrepancies noticed in the drawing shall be brought to the notice of the Landscape Architect & Architect immediately.

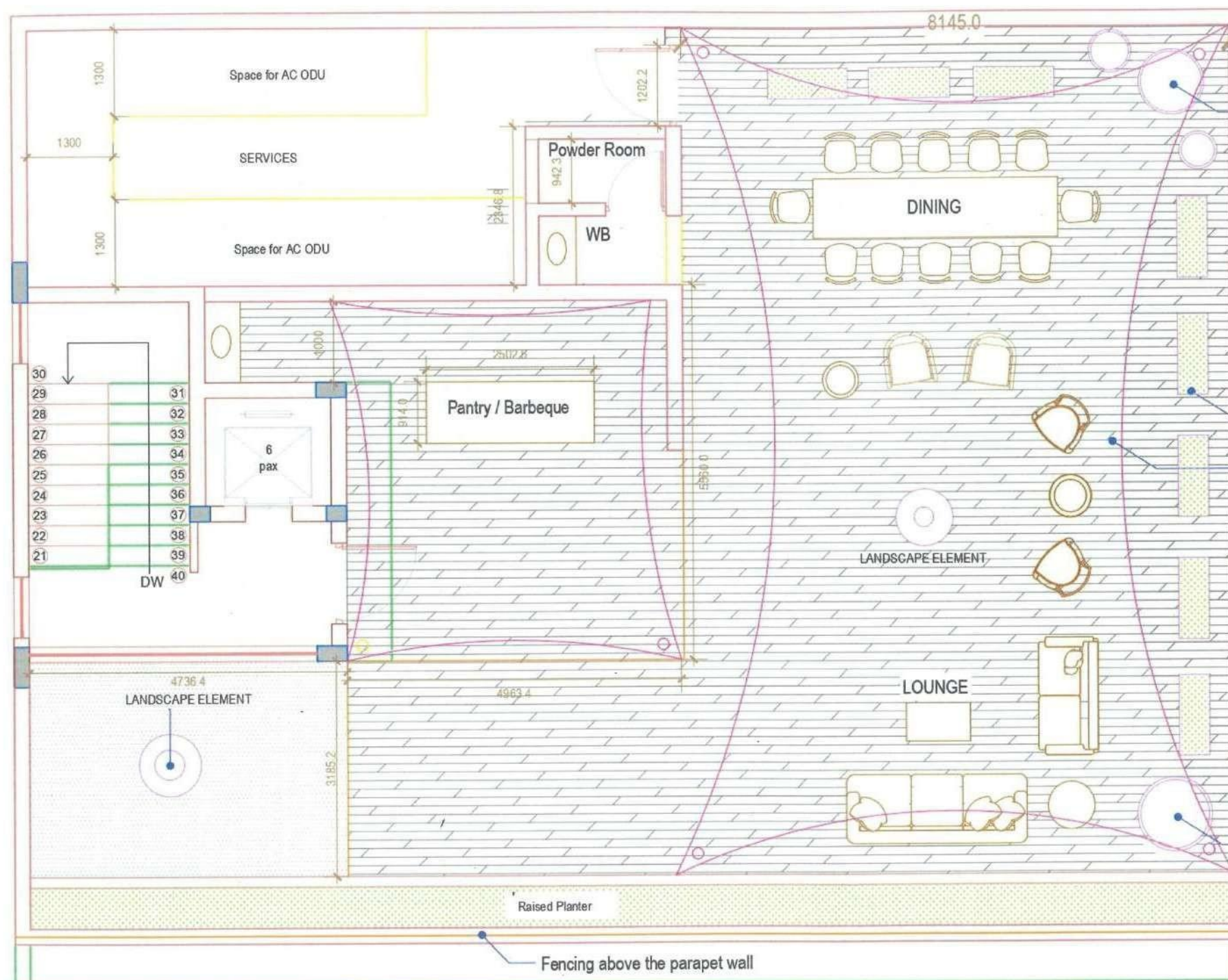
ARCHITECTS
 **SAJITH & VIVEK ARCHITECTS**

PROJECT
 RESIDENCE AT PERUNGUDI

DRAWING TITLE
 TERRACE FLOOR PLAN
 OPTION - A

Job no.:	Drawn: VENNILA	Mark: 	CHK BY:
Design: LA-01	Date: 23.03.2022	Scale: 1:75	GPI

LANDSCAPE ARCHITECTS
 **RaA**
 Rajiv Kumar and Associates
 LANDSCAPE ARCHITECTS



Pot plants

Pot plants

Tensile Fabric to detail

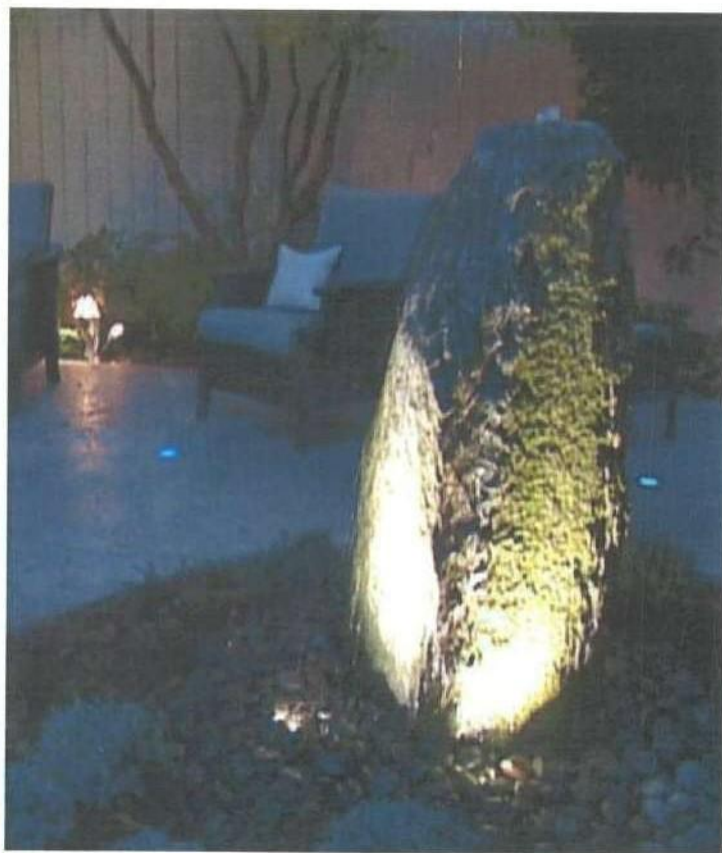
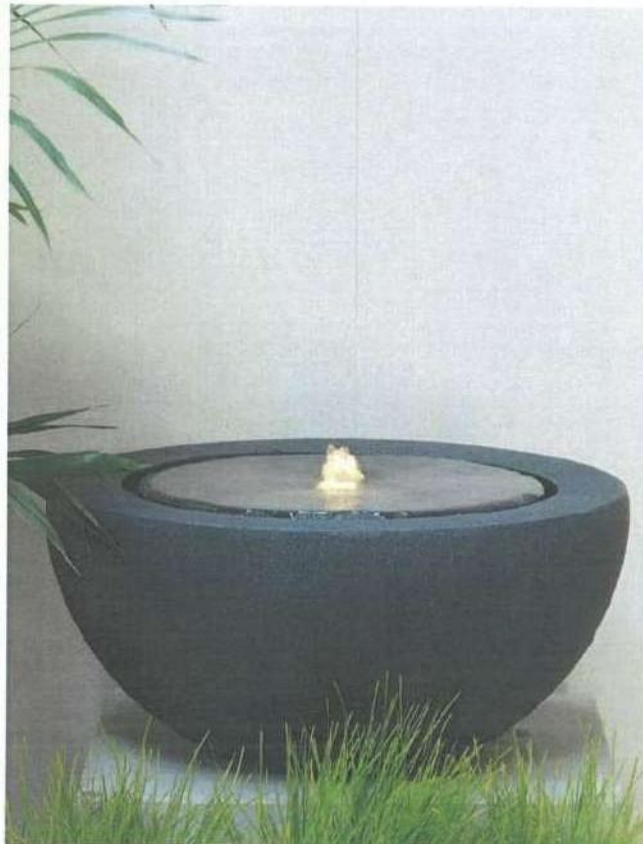
Pot plants



LANDSCAPE ELEMENTS



POTS WITH WATER FEATURE



ROCKS



POTS WITH PLANTING



STONE LIGHTING

ARCHITECTS



RESIDENCE AT PERUNGUDI

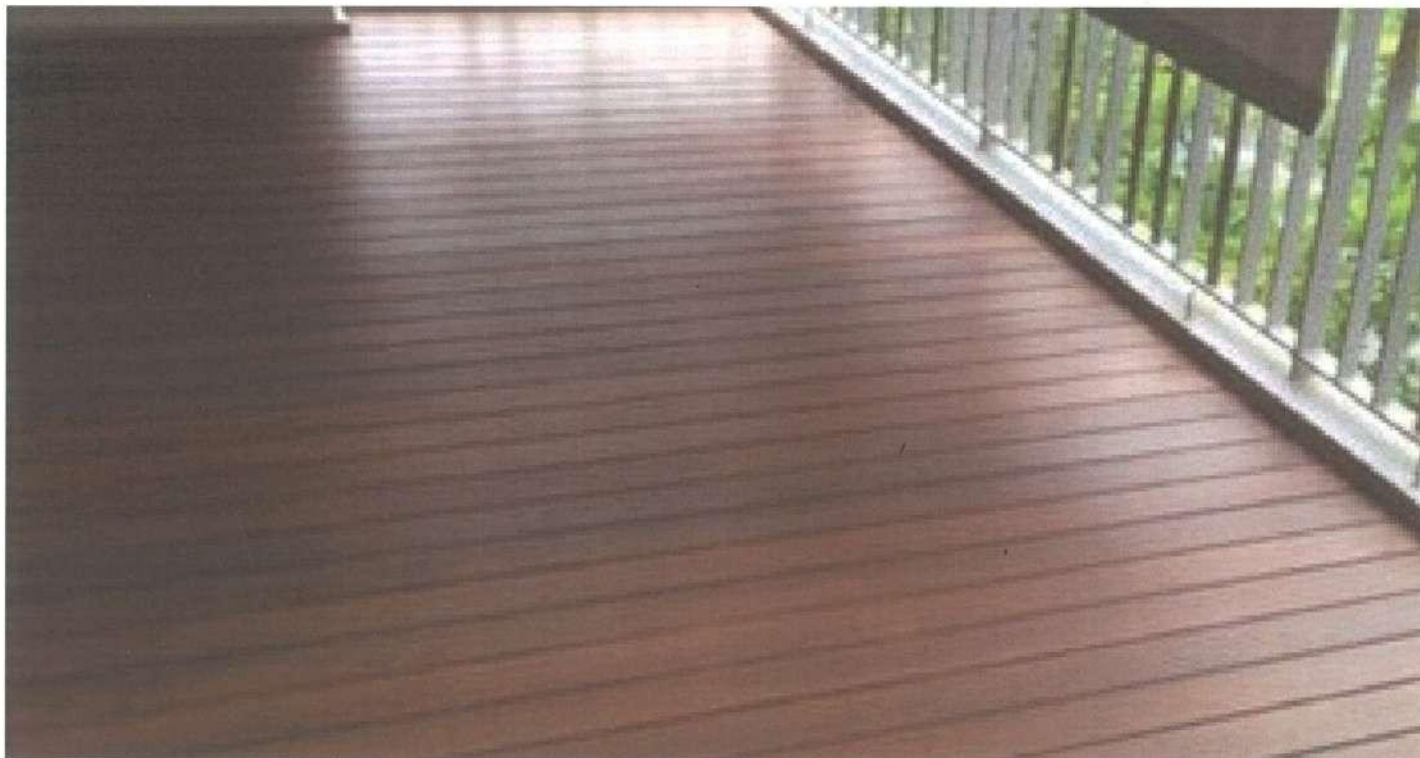


LANDSCAPE ARCHITECTS



FLOORING

Wood / Wood tiles



ARCHITECTS

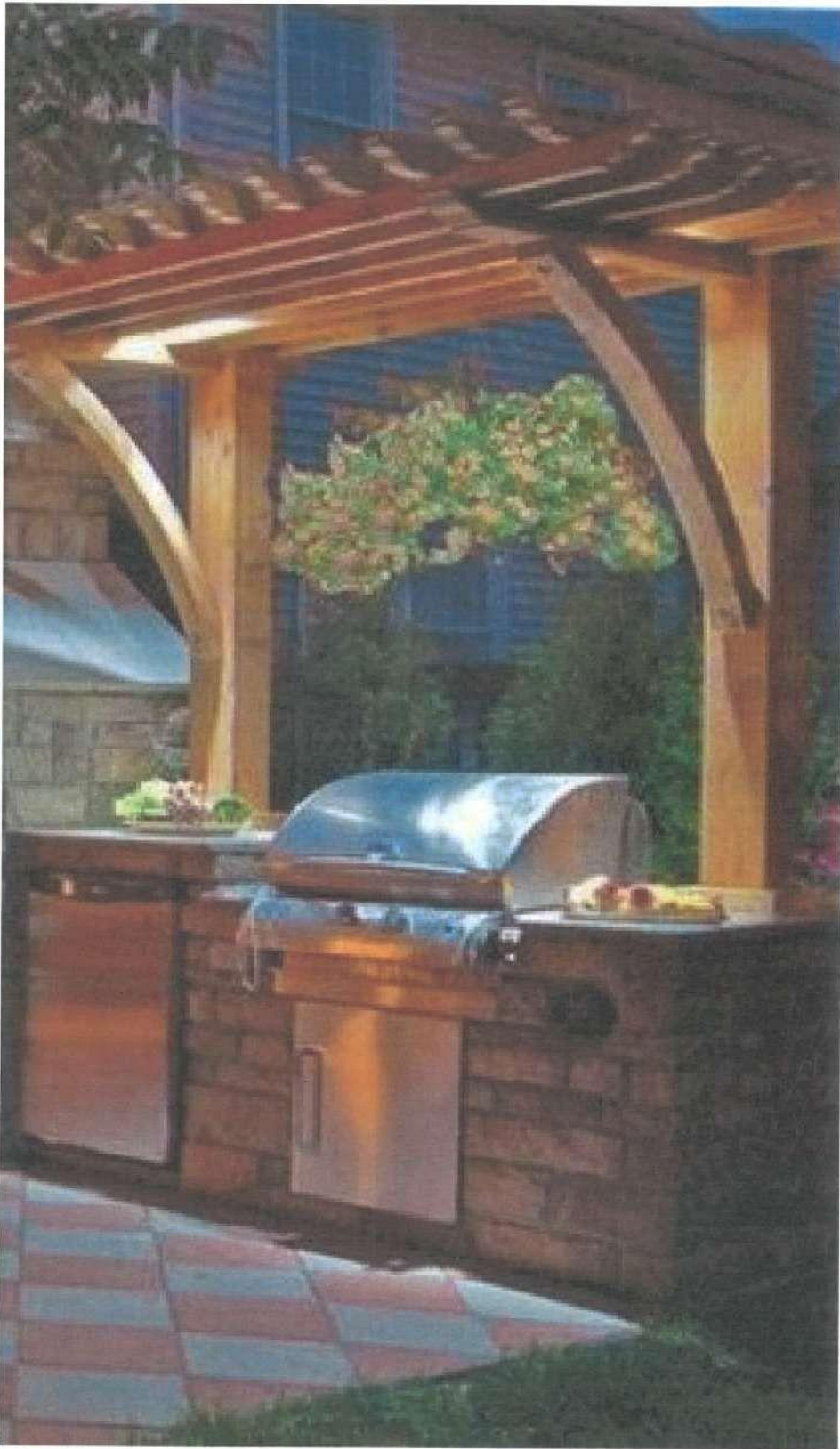


RESIDENCE AT PERUNGUDI



LANDSCAPE ARCHITECTS
RaA

PANTRY COUNTER / BARBEQUE



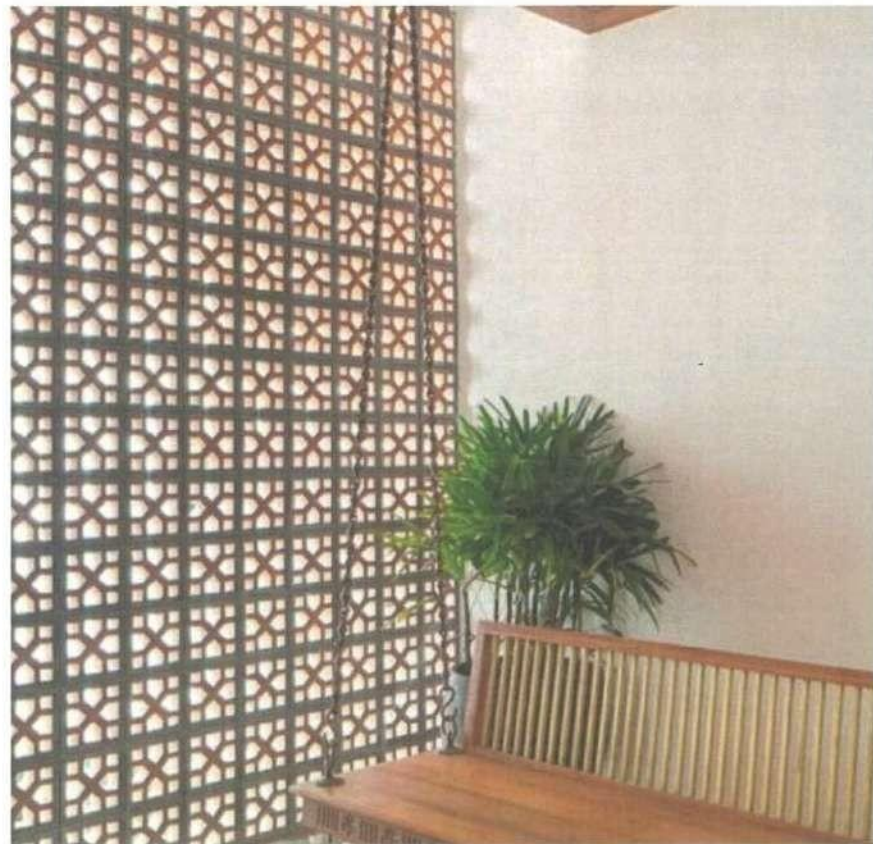
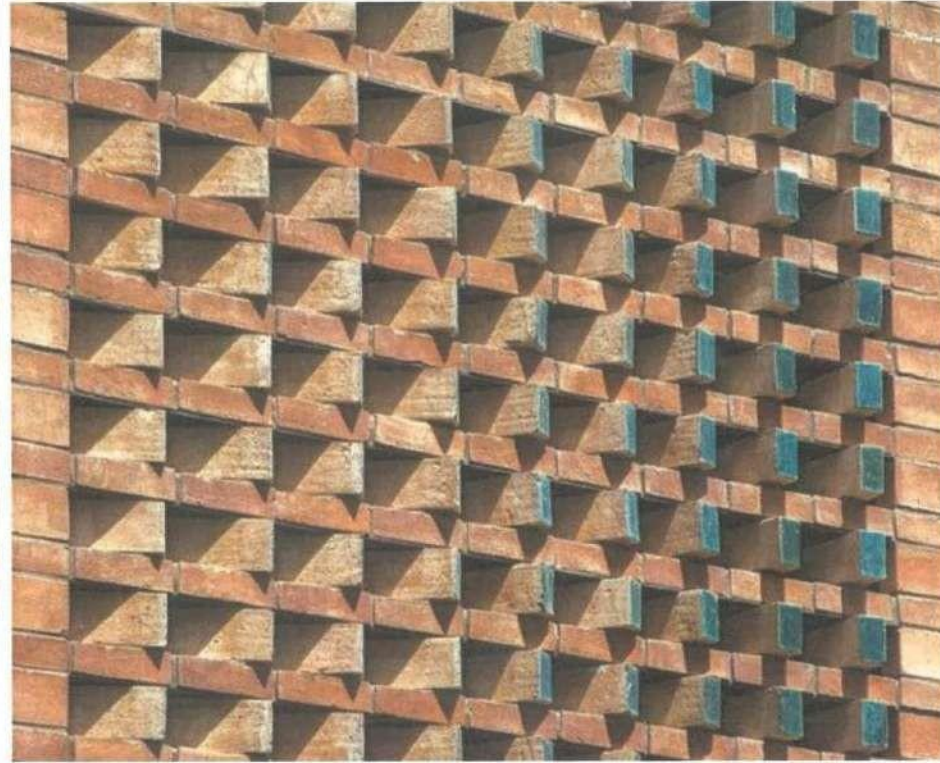
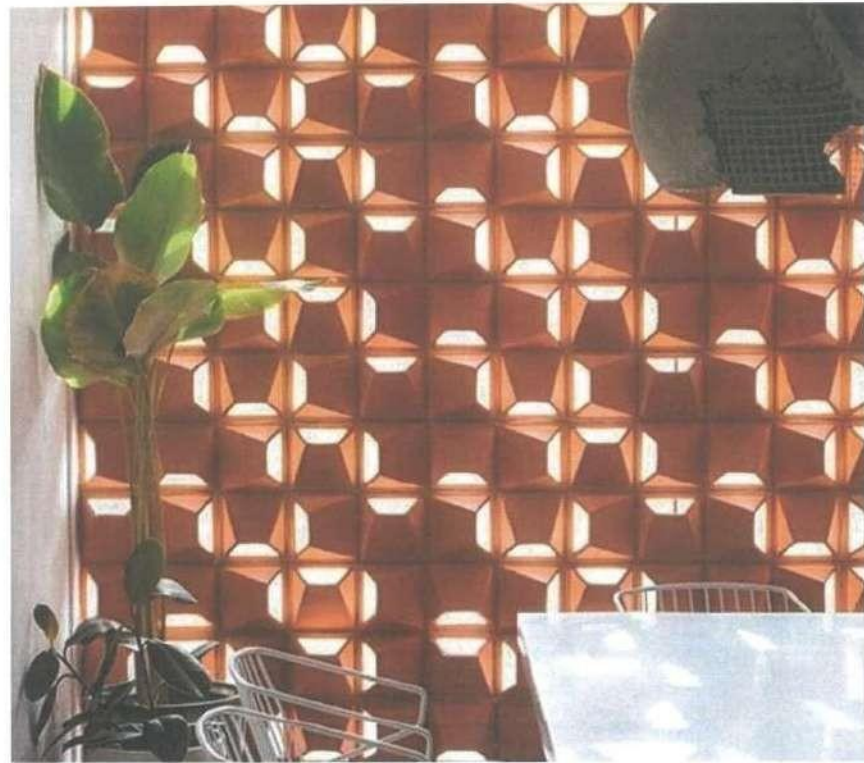
ARCHITECTS



RESIDENCE AT PERUNGUDI



SCREEN WALL



ARCHITECTS

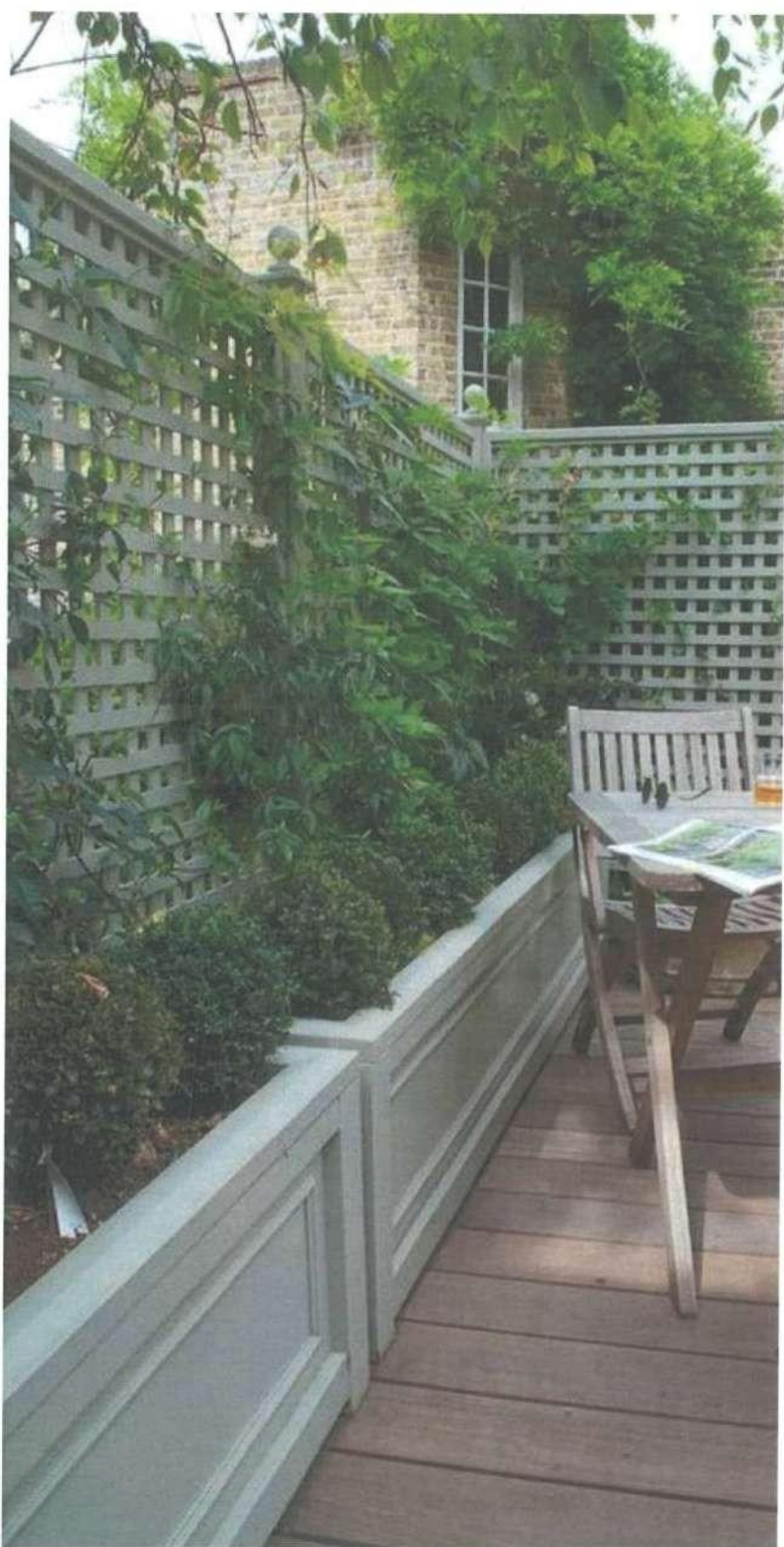


RESIDENCE AT PERUNGUDI



LANDSCAPE ARCHITECTS
RaA

FENCING WITH PLANTERS



ARCHITECTS



RESIDENCE AT PERUNGUDI



LANDSCAPE ARCHITECTS



TENSILE FABRIC ROOFING

OPTION - A



ARCHITECTS



RESIDENCE AT PERUNGUDI

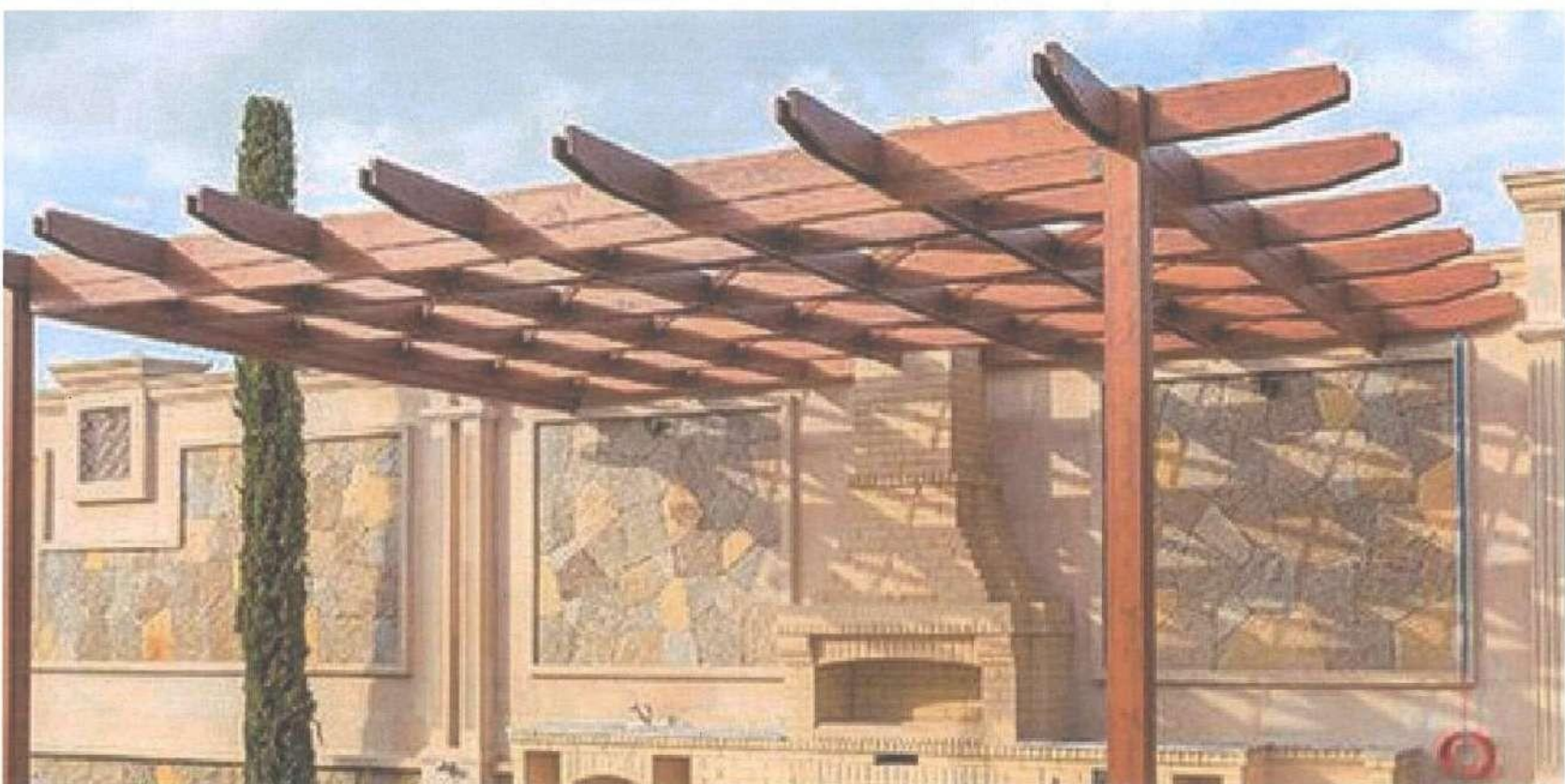


LANDSCAPE ARCHITECTS



PERGOLA

OPTION - B



ARCHITECTS



RESIDENCE AT PERUNGUDI

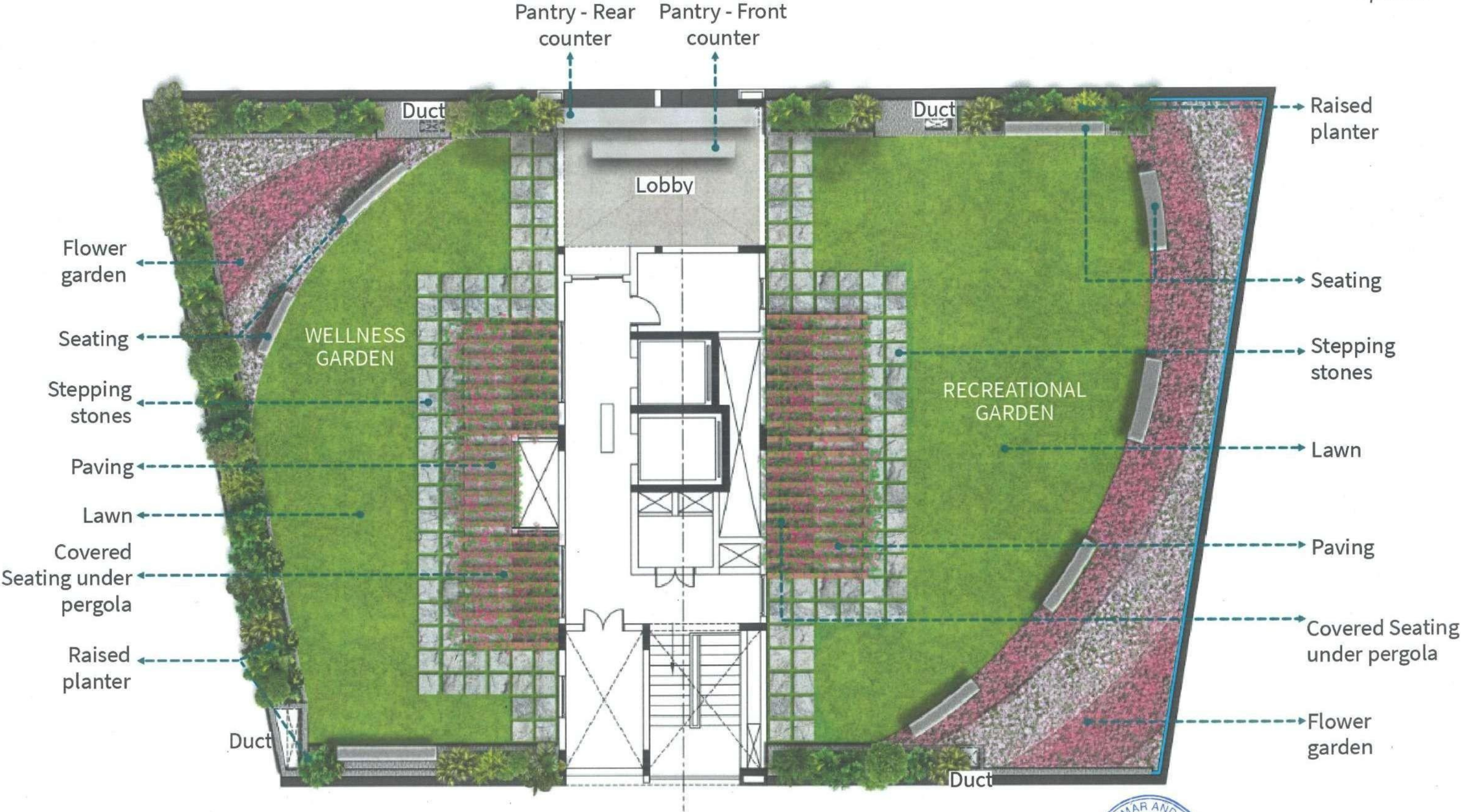


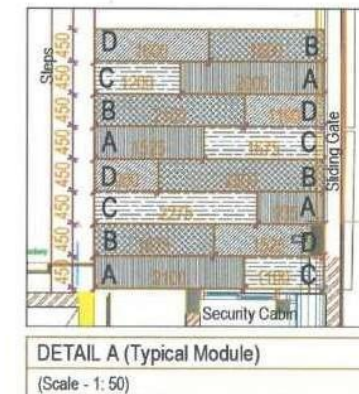
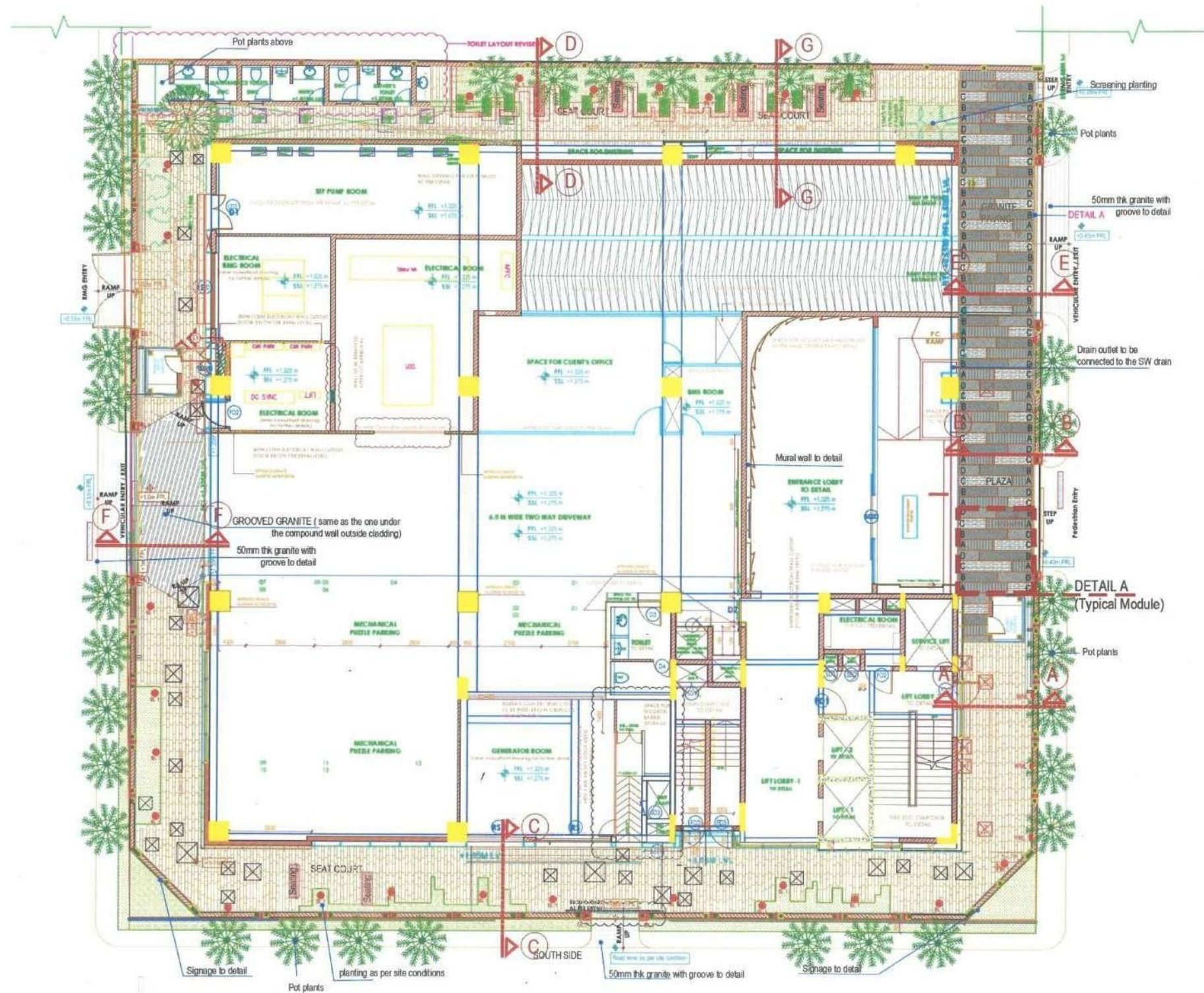
LANDSCAPE ARCHITECTS



LANDSCAPE CONCEPT

Terrace
Option 2





LIGHTING SCHEDULE (Tentative)			
S.NO	SYMBOL	DESCRIPTION	Qty.
1.		Bollard light	27
2.		Wall mounted light	06
3.		Gate light	10

EASTERN PLAZA MATERIAL FINISHES SCHEDULE:				
CODE	SYMBOL	COLOUR	FINISH	THK
A		Black Pearl	Honed	50mm
B		Black Pearl	Leather	50mm
C		Black	Bush hammered	50mm
D		Black Pearl	Lapato	50mm

PAVERS : BESANT BETONS			
S.NO	SYMBOL	DESCRIPTION	THK
1.		White, Dark Brown Blended	80mm

SEATING - CLADDING AND COPING MATERIAL FINISHES SCHEDULE:			
S.NO	SYMBOL	COLOUR	FINISH
1.		Black Pearl Granite	Honed
1.		Black	Bush hammered

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DRAWING STATUS

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GRADING LEGEND

S.No	Symbol	Description
1.		FPL FINISHED PAVING LEVEL
2.		FRL FINISHED ROAD LEVEL
3.		ERL EXISTING ROAD LEVEL
4.		FFL FINISHED FLOOR LEVEL
		LVL LEVEL

8	19-04-22	Planting strip incorporated as per site conditions	vennia	GPJ
8	05-04-22	Scheme revised as per site condition & site discussion on 31.03.2022	GPJ	GPJ
7	30-03-22	Seating in southern garden revised as per Architect's comments	Priya	GPJ
6	01-03-22	Eastern Plaza revised from granite to pavers	Shakthi	GPJ
5	23-02-22	Planting outside the boundary wall revised	Priya	GPJ
4	24-12-21	Southern and South-West pathway revised from granite to pavers	Priya	GPJ
3	21-10-21	a. Rocks removed in front of the Pc ramp and Fire exit in the Eastern plaza b. Seating moved near the sculpture in front of the fire exit in Southern plaza c. Seatings removed in front of the generator room d. Ramp to the sit as been revised	Priya	GPJ
2	18-10-21	Revision based on updated architectural drawing	Priya	GPJ
1	28-09-21	Revision based on updated architectural levels	Priya	GPJ
No	Date	Revision	Drawn	Chk

NOTES:

- All dimensions are in meters.
- All levels are in meters.
- All levels indicated are finished levels.
- Only written dimensions to be followed.
- Refer STRUCTURAL CONSULTANT'S drawings & details for all FOUNDATIONS, SUB BASES & all other structural elements including ROOF Water proofing & other related works.
- Refer MEP Consultant's drawing/details for all Storm water drains, catch basins, swales, RWP etc/ Electrical routing & other entities etc.
- For Items mentioned as 'Vendors shop drawings' shall be vetted by the Landscape Architect before execution.
- This drawing has to be read and co-ordinated with the following revised and updated detail dwgs:
a. Material finishes
b. Hard landscape section and details
c. Seating plans
d. Soft landscape details
e. Planting schedules
f. BOQ and Specifications
g. Irrigation layout
h. Lighting schedule
i. Grading plan
j. Other structural, MEP and other Service consultant's details
- Any discrepancies noticed in the drawing shall be brought to the notice of the Landscape Architect & Architect immediately.

Architects



Project

SKCL EXCELLENCE
AT GUINDY

Drawing Title

Detailed Landscape Scheme with
Lighting and Grading
(Rev - 8)

Job no: 0000	Drawn: Priya	North:	CHK BY:
Orgno: LA-02-R8	Date: 24-12-2021	Scale: 1:100	GPJ/PRN

File name:

Z:\11 PROJECTS\SKCL 'Excellence' Guindy\Drawings\Our Dwg\1 - HARD LANDSCAPE CONSTRUCTION DRAWING\RAV - ISSUED\LA-02-R8 - Detailed Landscape Scheme with Lighting with planting strip incorporated (18.04.2022)

Landscape Architects



Ref.No : RaA/Doc/LA-103 R4					
Date : 4.05.2022					
PROJECT: PROPEL RESIDENCE AT COIMBATORE.					
SCHEDULE OF HARD LANDSCAPE FINISHING MATERIALS					
LEVEL 1					
Sl.No.	Area	Granite Type	Description	Quantity (sq.m)	Rate (in Rs)
1	Northern garden driveway and ramp (to the residence)	1	50mm thk Granite/ Black /3 line dressed / 100 x 100 x 50mm	110.00	0.00
2	Northern garden driveway and ramp	2	50mm Thk. Granite / Steel grey/ 3 line dressed finish / 100x100x50mm	47.20	0.00
3	Northern garden driveway and ramp	3	50mm Thk. Granite / Steel grey/ 3 line dressed finish / 100x100x50mm	1.18	0.00
4	North garden entrance steps	4&5	(4) 20mm Thk. Granite / Steel Grey / Bamboo finish	28.00	0.00
			(5) 20mm Thk. Granite / Steel Grey / antique finish	12.00	0.00
5	Northern garden planter wall	13 & 5	(13) 20mm Thk. Granite / Serra grey / Flamed finish	55.30	0.00
			(5) 20mm Thk. Granite / Steel Grey / Bamboo finish, with grooves	2.00	0.00
6	Front garden pedestal for sculpture	6	20mm Thk. Granite / Serra grey / Flamed finish	2.20	0.00
7	Front garden stepping stones	7&8	(7) 50mm Thk. Granite / Black / 3 line dressed finish	32.00	0.00
			(8) 50mm Thk. Granite / Black / fine dressed finish	9.00	0.00
8	Front garden cantilevered seating	9	20mm Thk. Granite / Matrix black / Laparto finish	3.36	0.00
9	Front garden paving below seating	10	50mm Thk. Granite / Black / 3 line dressed finish	6.80	0.00
10	Front garden steps (to the southern garden)	14	20mm Thk. Granite / Serra grey / Flamed finish	6.00	0.00
11	Southern garden Seating	9	20mm Thk. Granite / Matrix black / Laparto finish	4.50	0.00
12	Southern garden paving	11	50mm Thk. Granite / Black / 3 line dressed finish	37.30	0.00
13	Southern garden entrance steps(outside the site)	14	20mm Thk. Granite / Serra grey / Flamed finish	4.00	0.00
14	Western garden planter wall	15	20mm Thk. Granite / Steel grey / Laparto finish	4.50	0.00
15	Northern garden Curb wall 2	16	150mm thk. X 600mm ht. Granite / Sadarali grey / Leather finish	20 (running meters)	0.00
Sub total				0	0.00

LEVEL 2					
Sl.No.	Area	Granite Type	Description	Quantity (sq.m)	Rate (in Rs)
Garden at Level 2					
16	Paving type 1	—	20mm thk Granite/ Black pearl/ Laparto finish	10.50	0.00
17	Paving type 2	—	20mm thk Granite/ Black pearl/ Flamed finish	2.27	0.00
18	Paving type 3	—	20mm thk Granite/ Steel grey/ Antique finish	2.94	0.00
19	Paving type 4	—	50mm thk Granite/ Steel grey/ Dressed finish	6.42	0.00
20	Stepping stone	—	20mm thk Granite/ Black pearl/ Laparto finish	2.10	0.00
21	Sculpture pedestal	—	20mm thk Granite/ Black pearl/ Polished finish	2.50	0.00
22	Water body cladding	—	20mm thk Granite/ Black pearl/ Polished finish	14.00	0.00
Sub total				0	0.00
LEVEL 3					
Sl.No.	Area	Granite Type	Description	Quantity (sq.m)	Rate (in Rs)
24	Stepping stone	—	20mm thk Granite/ MatrixBlack / Laparto finish	7.50	0.00
Sub total				0	0.00
GRAND TOTAL					



Primary Block
Scale - 1:300

Typical Elevation
Scale - 120

Detail A (Typical plan)

Scale - 1:20

Typical Section A
Scale - 1/20

Consultants		
Structural Consultants Manjunath & Co.		
Services Consultants Jhaveri Consultants		
Landscape Consultants Ravikumar and Associates		
Project		
SHIV NADAR SCHOOL, CHENNAI		
Title		
LANDSCAPE FENCING DETAIL		
Drawn By:	Ravindhar	Drawing No.
Checked:	Vennila/GPJ	LA-43
Scale:	As mentioned	
Date:	15/03/22	
VASTU SHILPA CONSULTANTS Architects Planners Urban Designers		
'Sangath', Thattai Road, Ahmedabad - 380054 Phone: 079 - 2745463 Fax: 079 - 2745206 www.sangath.org e-mail: vec@sangath.org		

This drawing is the property of RAVIKUMAR AND ASSOCIATES and shall not be passed on to any person not authorised by us to receive it. It shall not be copied, modified in part or full without our prior permission. The details furnished in this drawing are for this PROJECT only.

DRAWING STATUS

SCHEME FOR APPROVAL

ONLY FOR TENDER

ADVANCE COPY

GRADING LEGEND

S.NO	SYMBOL	DESCRIPTION
1	+	FFL FINISHED FLOOR LEVEL
2	+	FPL FINISHED PAVING LEVEL
3	+	FGL FORMED GROUND LEVEL
4	→	SLOPE DOWN
5	WTL	WATER TOP LEVEL
6	CB	Catch Basin

LIGHTING LEGEND

S.NO	SYMBOL	DESCRIPTION	QUANTITY
1	WM	WALL MOUNT LIGHT	08
2	LF	LANDSCAPE FOCUS LIGHT	03
3	TFL	TREE FOCUS LIGHT	01
4	SFL	SCULPTURE FOCUS LIGHT	01
5	LSL	LANDSCAPE STRIP LIGHT	(Rft)
6	UWL	UNDERWATER LIGHT	06

4.	4-05-2022	Granite materials revised	vennila	GPJ
3.	16-04-2022	Granite materials revised	Jenish	GPJ
2.	21-01-2022	Granite materials revised	Jenish	GPJ
1.	07-01-2022	Flower bed revised to Deck and stepping stones in the water feature revised	Priya	GPJ
No	Date	Revision	Drawn	Chk by:

NOTES:

- All dimensions are in Feet and inches.
- All levels are in Feet and inches.
- All levels indicated are finished levels.
- Only written dimensions to be followed.
- Refer STRUCTURAL CONSULTANT'S drawings & details for all FOUNDATIONS, SUB BASES all other structural elements including ROOF Water proofing & other related works.
- Refer MEP Consultant's drawing/details for all Storm water drains, catch basins, swales, RWP etc/ Electrical routing & other entities etc.
- For items mentioned as 'Vendors shop drawings' shall be vetted by the Landscape Architect before execution.
- This drawing has to be read and co-ordinated with the following revised and updated detail dwgs.
 - Material finishes
 - Hard landscape section and details
 - Settingout plans
 - Soft landscape details
 - Planting schedules
 - BOQ and Specifications
 - Irrigation layout
 - Lighting schedule
 - Grading plan
 - Other structural, MEP and other Service consultant's details
- Any discrepancies noticed in the drawing shall be brought to the notice of the Landscape Architect & Architect immediately.

Architects

.warp
walmsley architecture research and practice

Project:

**PROPEL RESIDENCE
AT COIMBATORE**

Drawing Title

**Garden at Level 2, Landscape Scheme,
Lighting, Grading and Sections**

Job no. :-	Drawn: Jenish	North:	CHK BY :
Org.no:LA-06 R3	Date : 04.08.21	Scale : As mentioned	GPJ JS

File name : Z:\PROJECTS\Propel residence at Coimbatore\Drawings\Our Design\STATEMENTS\MATERIAL SCHEDULE\LA-06 R4 Level 2, Garden at level 2 Landscape details (4.05.2022)

Landscape Architects

RaA
Ravikumar and Associates
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL DESIGN
MASTER PLANNING

14, NORTH AVENUE, SARAJAH COLONY, SAIGUMPT, CHENNAI - 11
P: +91 44 22003201 / +91 44 22003202 / +91 44 22003203 / +91 44 22003204 / +91 44 22003205 / +91 44 22003206 / +91 44 22003207 / +91 44 22003208 / +91 44 22003209 / +91 44 22003210 / +91 44 22003211 / +91 44 22003212 / +91 44 22003213 / +91 44 22003214 / +91 44 22003215 / +91 44 22003216 / +91 44 22003217 / +91 44 22003218 / +91 44 22003219 / +91 44 22003220 / +91 44 22003221 / +91 44 22003222 / +91 44 22003223 / +91 44 22003224 / +91 44 22003225 / +91 44 22003226 / +91 44 22003227 / +91 44 22003228 / +91 44 22003229 / +91 44 22003230 / +91 44 22003231 / +91 44 22003232 / +91 44 22003233 / +91 44 22003234 / +91 44 22003235 / +91 44 22003236 / +91 44 22003237 / +91 44 22003238 / +91 44 22003239 / +91 44 22003240 / +91 44 22003241 / +91 44 22003242 / +91 44 22003243 / +91 44 22003244 / +91 44 22003245 / +91 44 22003246 / +91 44 22003247 / +91 44 22003248 / +91 44 22003249 / +91 44 22003250 / +91 44 22003251 / +91 44 22003252 / +91 44 22003253 / +91 44 22003254 / +91 44 22003255 / +91 44 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REFERENCE IMAGES



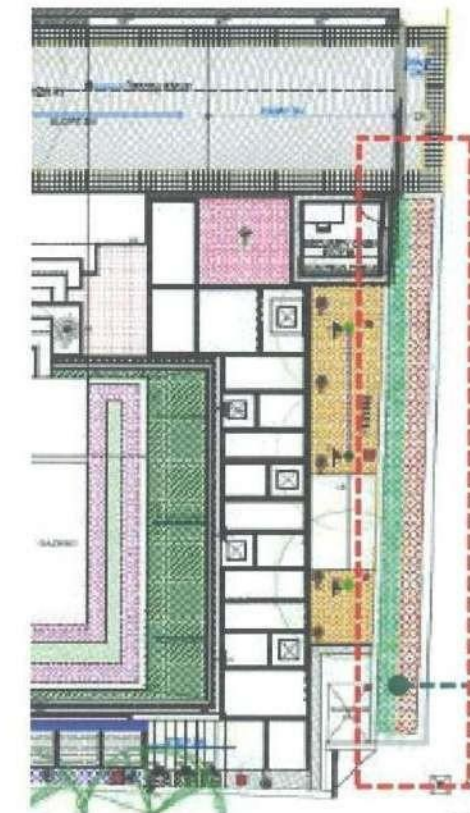
AP1- OPTION 1
Licuala grandis
Fan palm dwarf



AP1- OPTION 2
Cycas revoluta
sago plam



AP1- OPTION 3
Hyophorbe lagenicaulis
Dwarf bottle palm



→ AP 1

KEY PLAN

ARCHITECTS

.w a r p Wadhvani Architectural Research and Practice

PROPEL RESIDENCE
AT COIMBATORE

LANDSCAPE ARCHITECTS
RaA
Ravikumar and Associates

REFERENCE IMAGES



H1- OPTION 1
Clerodendrum inerme
Wild Jasmine



H1- OPTION 2
Clerodendrum inerme variegated
Wild Jasmine



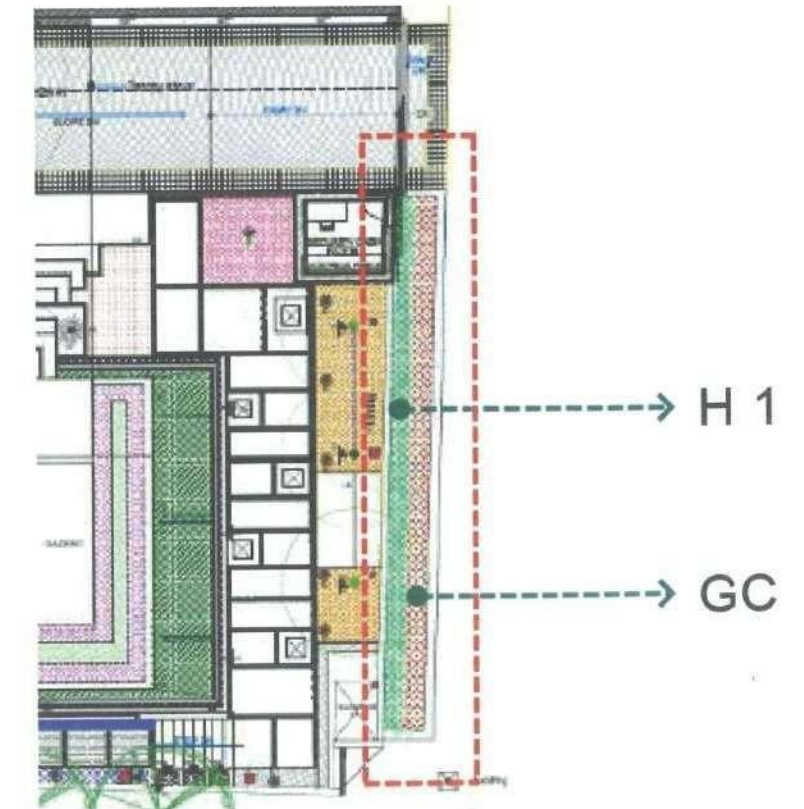
H1- OPTION 3
Murraya paniculata
Orange jasmine



GC1- OPTION 1
Euphorbia milii
Christ plant



GC1- OPTION 2
Pedilanthus tithymaloides variegated
Zigzag plant



KEY PLAN

ARCHITECTS

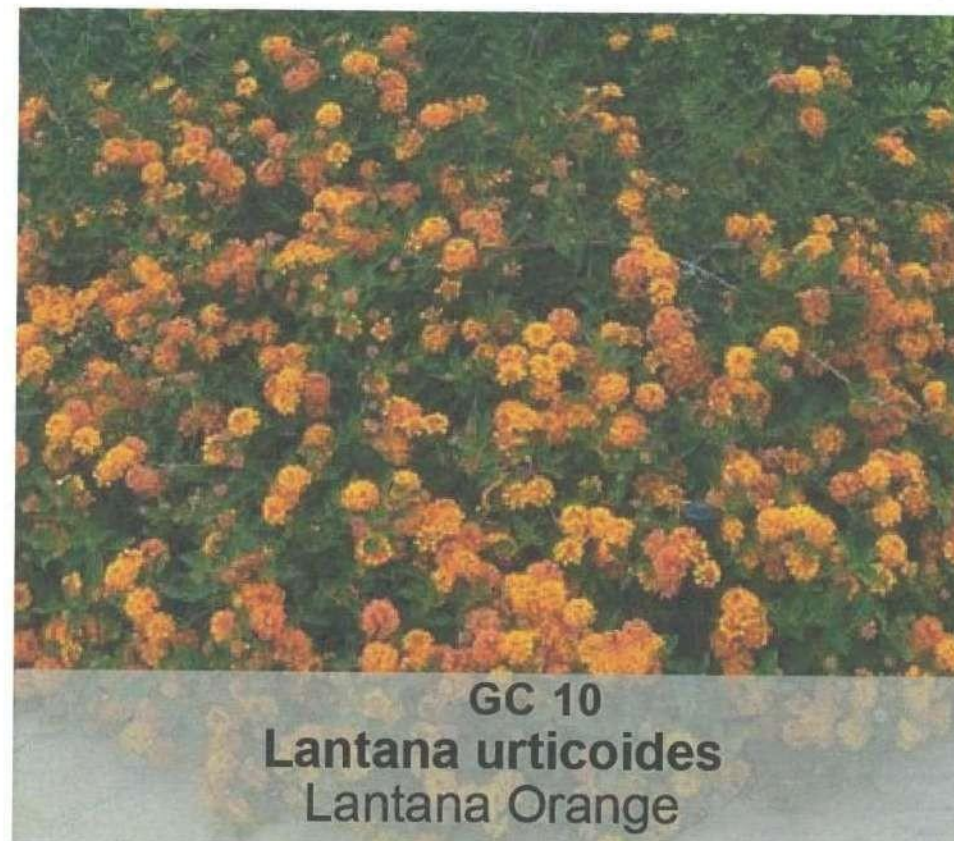
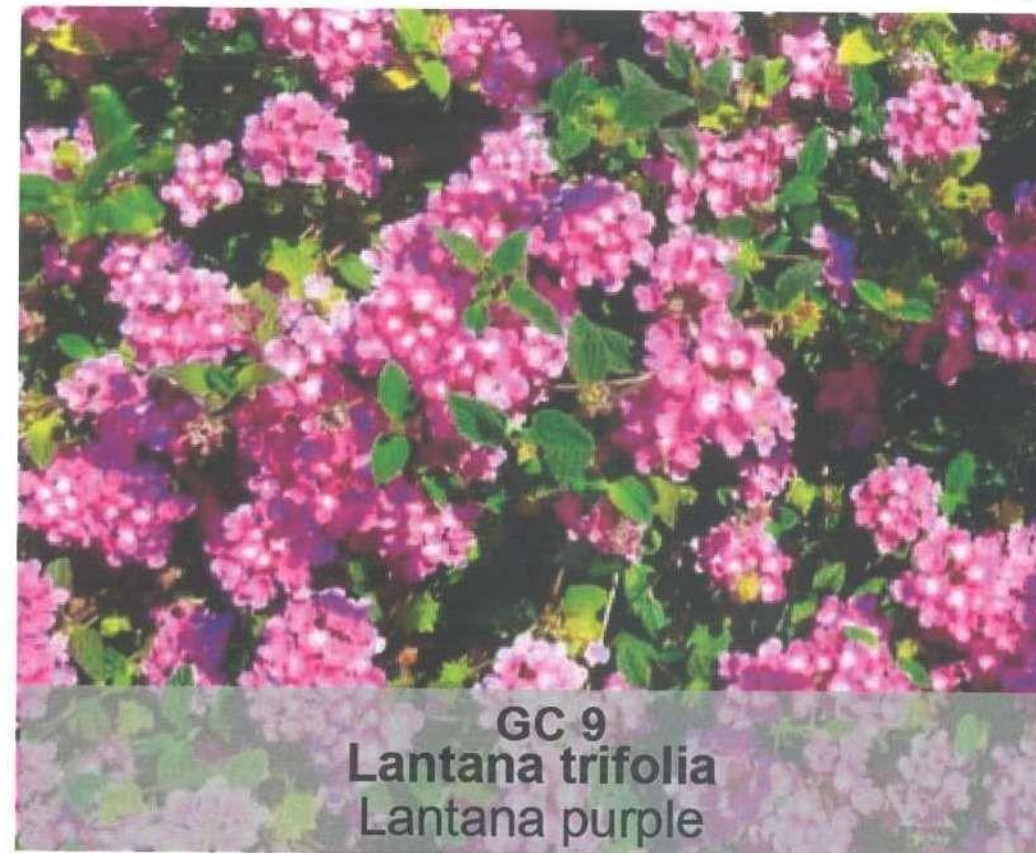
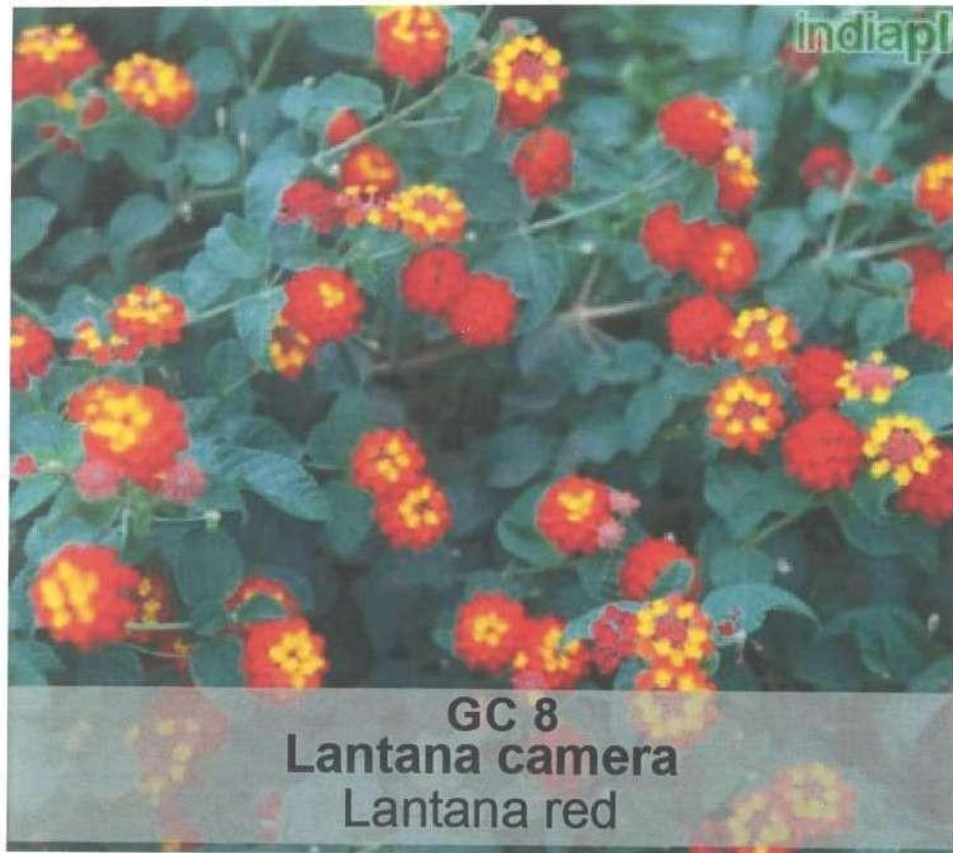
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WARRIOR
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Research and
Practice

PROPEL RESIDENCE
AT COIMBATORE

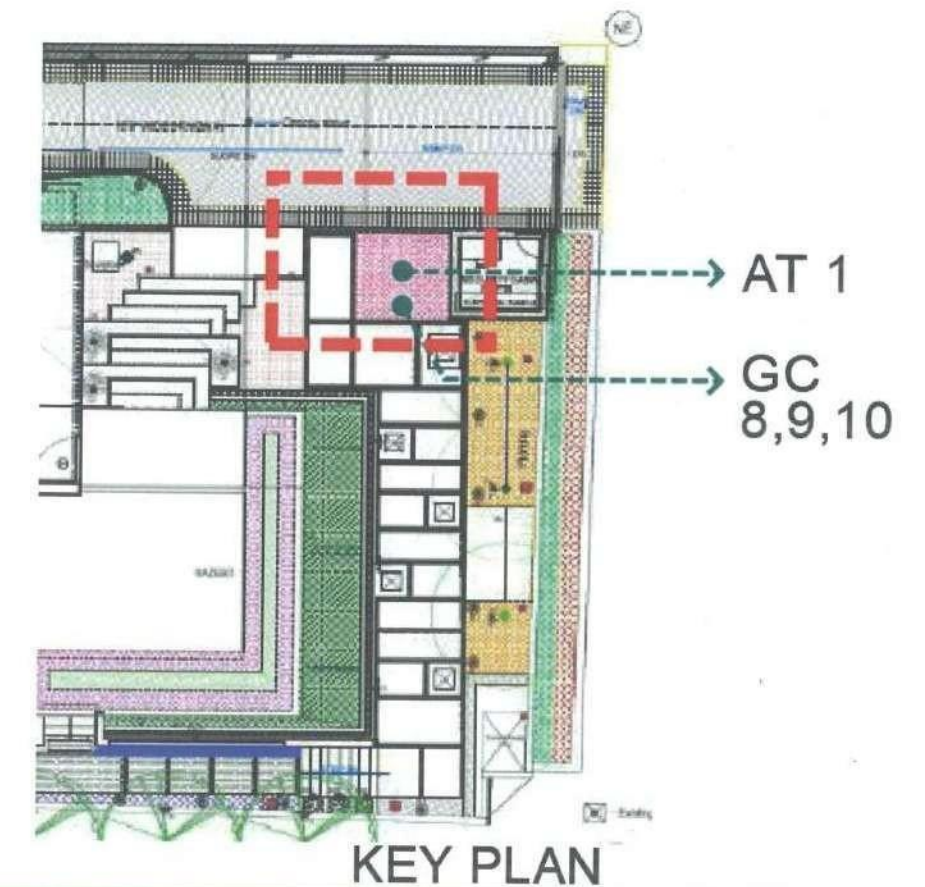


LANDSCAPE ARCHITECTS
RaA
Ravikumar and Associates

REFERENCE IMAGES



LEVEL 1 - ENTRANCE GARDEN



ARCHITECTS

.warp Warp
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Practice

PROPEL RESIDENCE
AT COIMBATORE

LANDSCAPE ARCHITECTS
RaA
Ravikumar and Associates

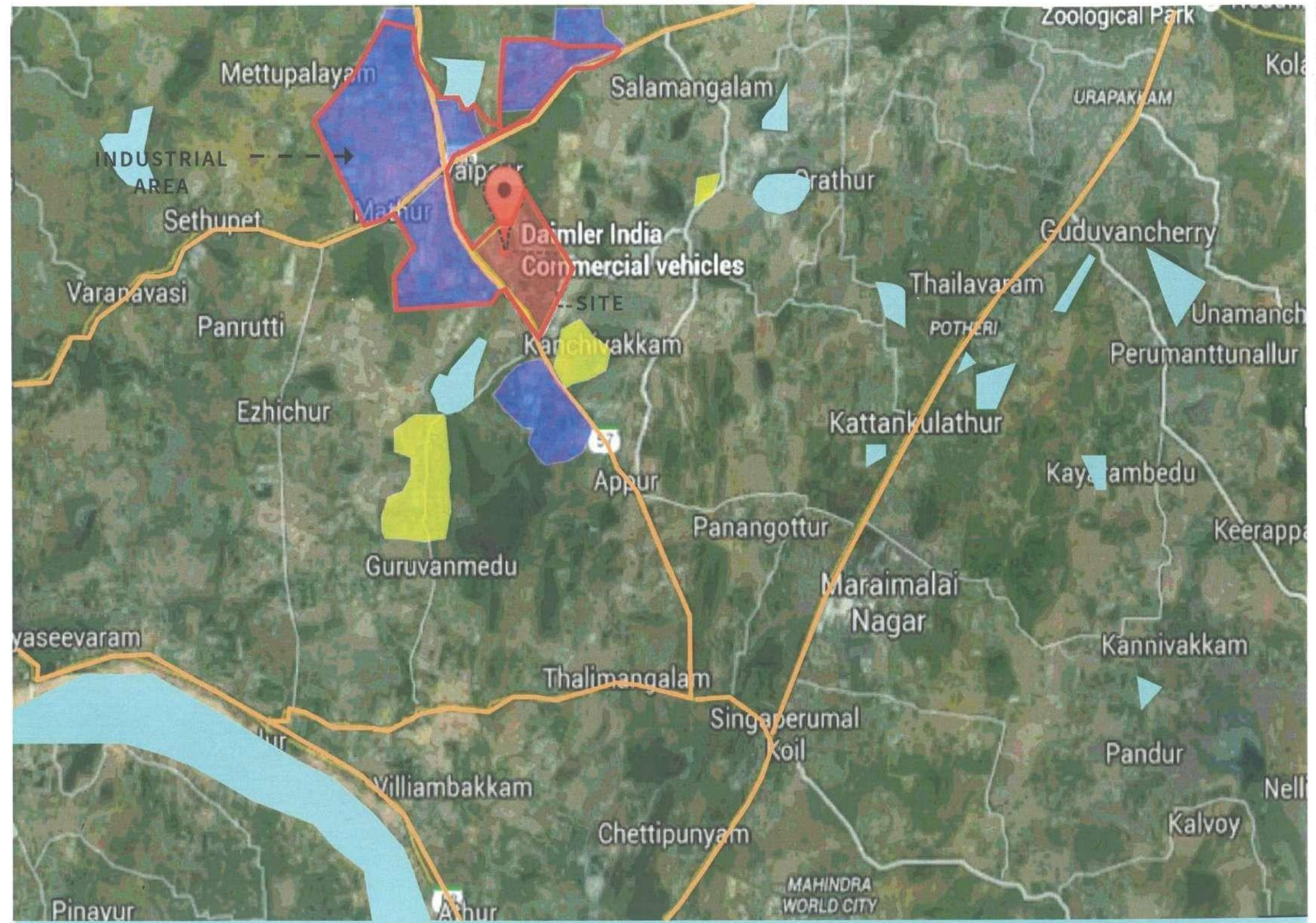
INTRODUCTION

PROJECT

- Daimlers India Commercial Vehicles Ltd (DICV) has proposed a factory premises for manufacturing commercial vehicles.
- The site for the DICV factory campus is located at Oragadam as a part of the industrial estate promoted by the Govt. of Tamil Nadu.

DESIGN INTENT

- DICV campus at Oragadam has been conceived as a world class manufacturing facility for commercial vehicles like trucks etc with cutting edge technologies.
- The functionality of the project demanded a dust free / pollution free / glare free pleasing environment.
- The other intents were to achieve maximum green mass through buffer planting & other vegetation; to collect, store & harvest rain water.
- Apart from the highly advance manufacturing facility blocks and all allied facilities and utilities, this campus houses a test track (65 acres), a training centre and an eco pond.



SITE LOCATION & SURROUNDING LANDUSE

LEGENDS



DAIMLER

Daimler India Commercial Vehicles.

DAIMLER INDIA COMMERCIAL VEHICLES PLANT

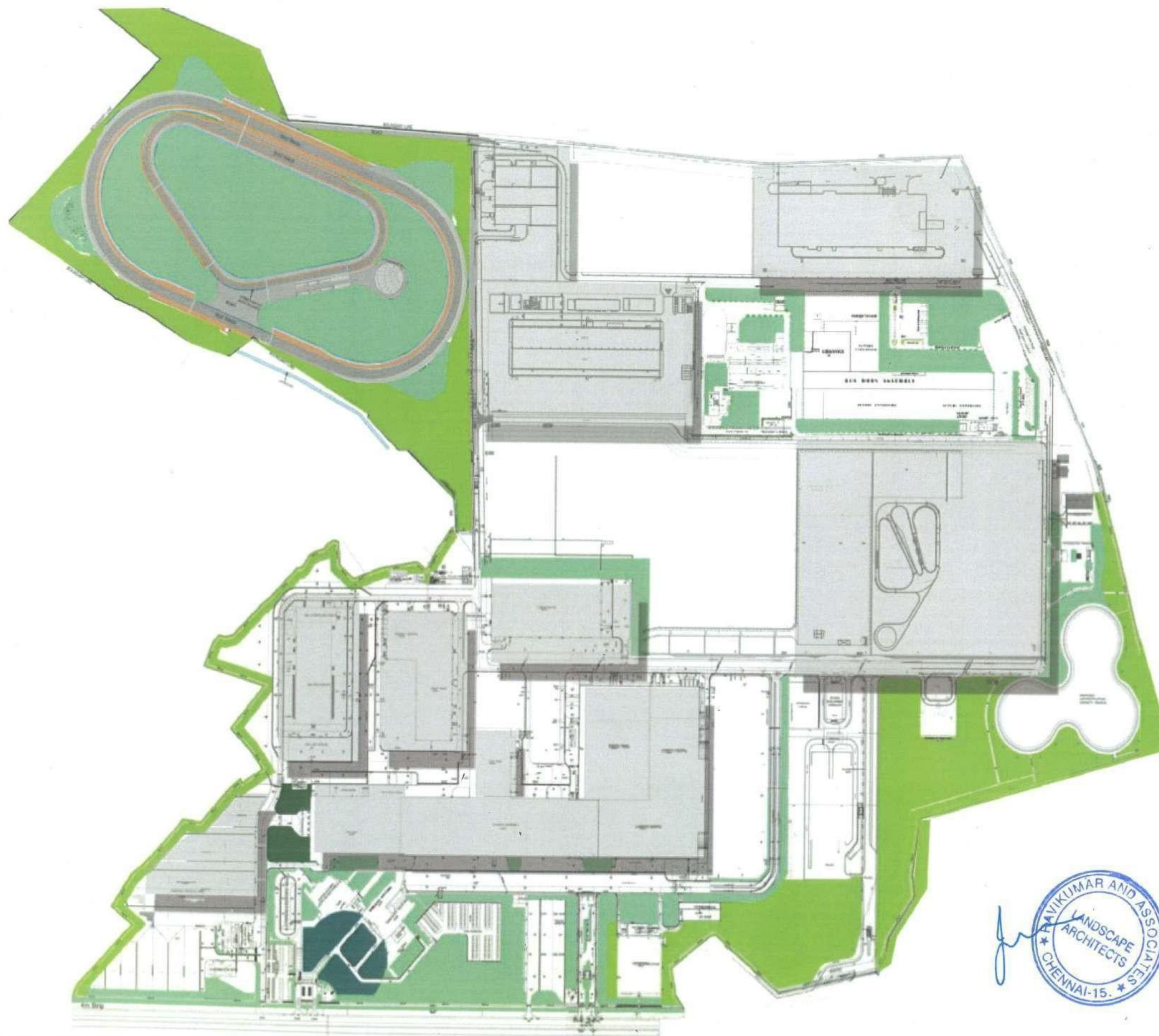
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SITE PLAN



LANDSCAPE CONCEPT

- Intensive landscape restricted only to the entrance and admin areas.
- Buffer landscape areas all around the site to maximize green cover and create a microclimate.
- Moderate landscape occupies the rest of the site all around the factories.
- Short term landscape proposed in all of the development areas.

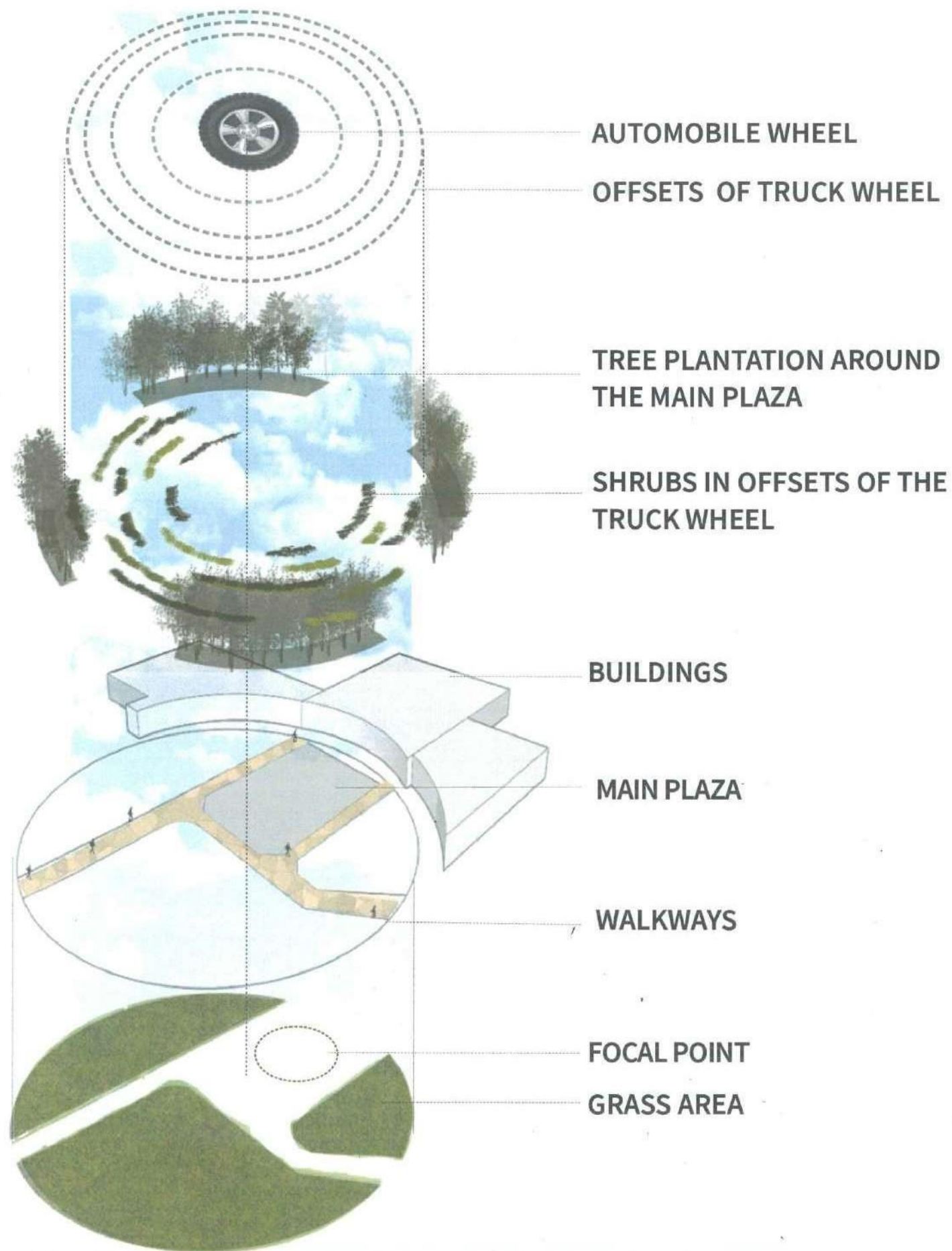
DESIGN OBJECTIVES

- To bring in maximum greenery in various forms.
- To achieve maximum sustainability by reducing the paved areas & turfing & proposing native plants and pervious materials.
- To create an innovative landscape theme complementing the architecture and the site context.
- To store, conserve and harvest rainwater through eco ponds.

LEGENDS

- Typology A - Intensive Landscape
- Typology B - Moderate Landscape
- Typology C - Buffer Landscape
- Typology F - Short - Term Landscape



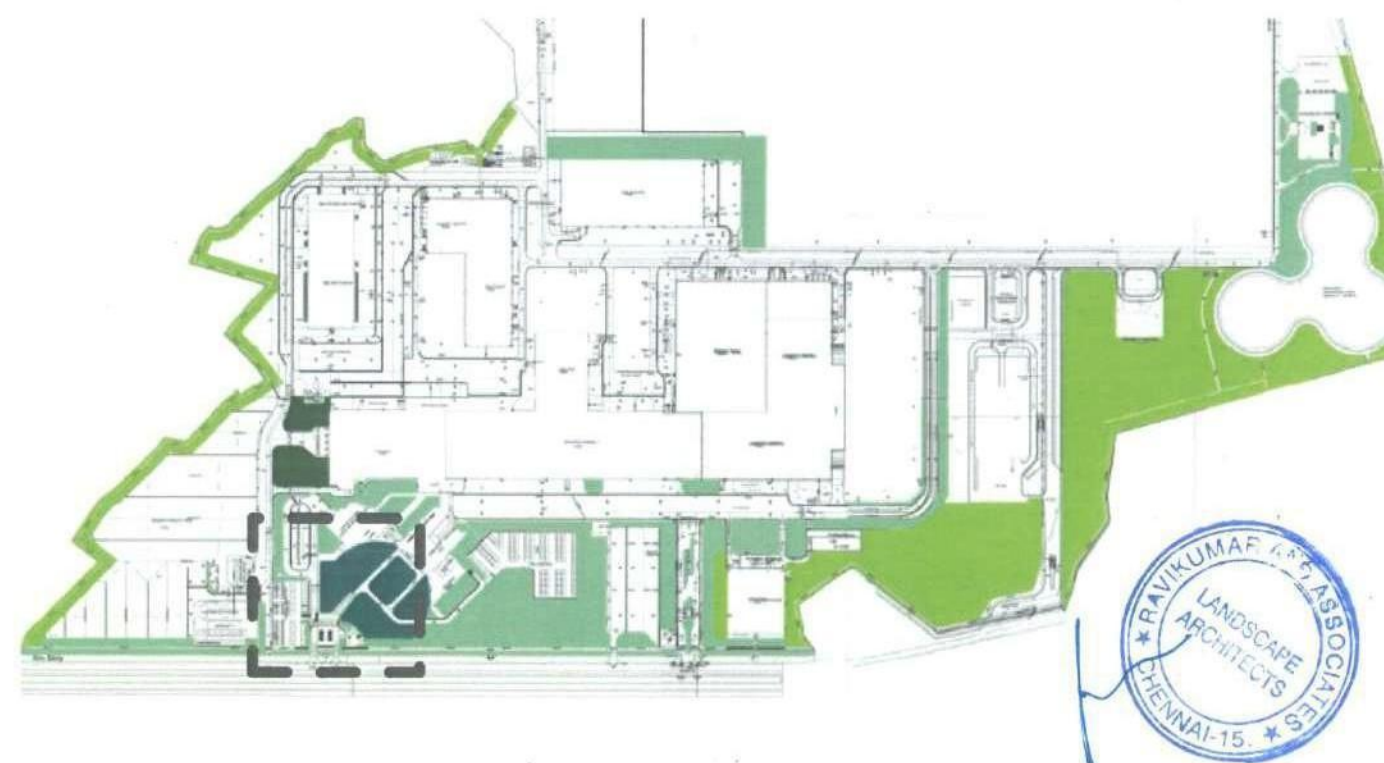


DESIGN CONCEPT

- Taking into consideration, the automobile context, “MOVEMENT & DYNAMISM” has been symbolically represented by the landscape elements of the entrance plaza, the water walls, patterned landscape hedges and paving
- In the context of the larger site extent, each zone has been given an identity through landscape idea and materials.

- Intensive landscape design is proposed only in accentuated zones and the rest of the site is planted with native species.
- Predominantly hard paving is avoided in most of the areas. Instead, pervious materials (crushed stone aggregate) used as a hard landscape element very expansively.

KEYPLAN



DAIMLER

Daimler India Commercial Vehicles.

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LANDSCAPE MASTER PLAN



LEGEND

1. MAIN ENTRY
2. MAIN PLAZA
3. ADMIN BLOCK
4. MATERIAL ENTRY AND EXIT
5. BUFFER PLANTING
6. ECO POND
7. ITC OFFICE BUILDING
8. POWER TRAIN
9. LOGISTIC CENTRE
10. CHASSIS ASSEMBLY
11. TEST AND FINISH
12. R AND D PHOTOSHOP
13. PAINT SHOP
14. CAB IN WHITE
15. FINISH VEHICLE YARD
16. TEST TRACK
17. BUS PLANT
18. FUTURE DEVELOPMENT

