SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with "A" grade by NAAC I 12B Status by UGC I 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	: Sanjeev Sivakuar	Semester	: X
Reg No.	: 37210030	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 **Sanjeev Sivakumar (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, **Sanjeev Sivakumar** 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 :

PLACE :

\

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** for their guidance and motivation

I am forever grateful to my dear parents, **Mr.S.Sivakumar** and **Mrs.S.Sivamala** for supporting me financially, emotionally and guiding me with their sensible advices. On the last note I thank **the Almighty** for always being with me.

CONFIRMATION LETTER

RaA
Ravikumar and Associates

LANDSCAPE ARCHITECTURE • MASTER PLANNING • ENVIRONMENTAL DESIGN

Ref No: RaA/Int – 101 / 2022
Date: 03.01.2022

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 **Sanjeev Sivakumar,** 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 **03- 01 -2022.** The duration of the internship period is 90 working days.

Kind Regards,
For Ravikumar and Associates

RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

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

14, North Avenue, Srinagar Colony, Saidapet, Chennai - 600 015. Tel:+91 44 2235 3350/ 2235 3305/ +91 98408 45690 E: raa@ravikumarassociates.net
: www.ravikumarassociates.net /ravikumarandassociates /raalandscapes /raalandscapes

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MONTHLY REPORT

SATHYABAMA
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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 and Associates
2. **Address & Contact Number** : No 14, Ground floor, North Avenue, Srinagar colony, Saidapet, Chennai - 600015 (+91 442235 3350)
3. **Name of the student** : Sanjeev Sivakumar
4. **Duration** : From January 3rd To January 31st
5. **Total No. of days** : ~~30~~ 18 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 – 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)**

RAVIKUMAR AND ASSOCIATES
LANDSCAPE ARCHITECTS
CHENNAI-15

MONTHLY REPORT

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
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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 and Associates (RaA)
2. Address & Contact Number : +9144 22 35 3350
3. Name of the student : Sanjeev Sivakumar
4. Duration : From Feb 1st To Feb 28th
5. Total No. of days : 22
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			✓		
Acherence to Time schedule			✓		
Other computer skills			✓		
File and Office Maintenance			✓		
Coordination with other consultants		✓			
Overall Grading*					

(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.o.R

RAVIKUMAR AND ASSOCIATES
LANDSCAPE ARCHITECTS
CHENNAI 15

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MONTHLY REPORT

Sanjeev

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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 and Associates
2. Address & Contact Number : +91 44 22 35 3350
3. Name of the student : Sanjeev Sivakumar
4. Duration : From March 1st To March 31st
5. Total No. of days : 22 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*	6.0.				

(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)

RAVIKUMAR AND ASSOCIATES
LANDSCAPE ARCHITECTS
CHENNAI-19

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WORK DIARY (Annexure – VIII)

WEEKS	PROJECT NAME	WORK DONE
1-4	La Palmera	Working Drawings, Revision Drawings
5-7	Sholinghur Temple	HUDCO competition Presentation Sheets
8-10	ISOLA leaflet, VIS	Working drawings, Site Visit
11-13	Sholinghur Temple	Schematic Drawings, Presentation Sheets
14-16	Residential at Chamiers Road	Presentation
16-18	Eco Tourism at Pichavaram	Working Drawings

Chief Architect Signature: RAVIKUMAR NARAYAN
for. PRINCIPAL ARCHITECT.

Office seal:

RAVIKUMAR AND ASSOCIATES
LANDSCAPE ARCHITECTS
CHENNAI-15

TABLE OF CONTENTS

CHAPTER NO	TITLE	PAGE NO
1.1	FIRM HISTORY	1
1.2	PROJECT 1 DETAILS	2
1.3	DRAWINGS	3-13
1.4	PROJECT 2 DETAILS	14
1.5	DRAWINGS	15-33
1.6	PROJECT DETAILS 3	34
1.7	DRAWINGS	35-39
1.8	PROJECT DETAILS 4	40
1.9	DRAWINGS	41-46
1.10	CRITICAL OVERVIEW OF THE FIRM	47

1.1 ABOUT THE FIRM

Ravikumar and Associates (RaA) is an Internationally Awarded Professional Consulting Firm with 25+ years of Sustainable Design Practice and Speciality Expertise In Landscape Architecture, Master Planning & Environment Design.The design approach in RaA is research based, context centric and collaborative in nature evolving eco sensitive landscapes.

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.

The design approach in RaA is research based, context centric and collaborative in nature evolving eco sensitive landscapes spaces, integrated with art, nature and aesthetics.

1.2 PROJECT 1

PROJECT NAME: La Palmera

TEAM: Ar.Ravikumar Narayan, Ar.G.P.Jebalin, Ar.Dharini, Sanjeev Sivakumar.

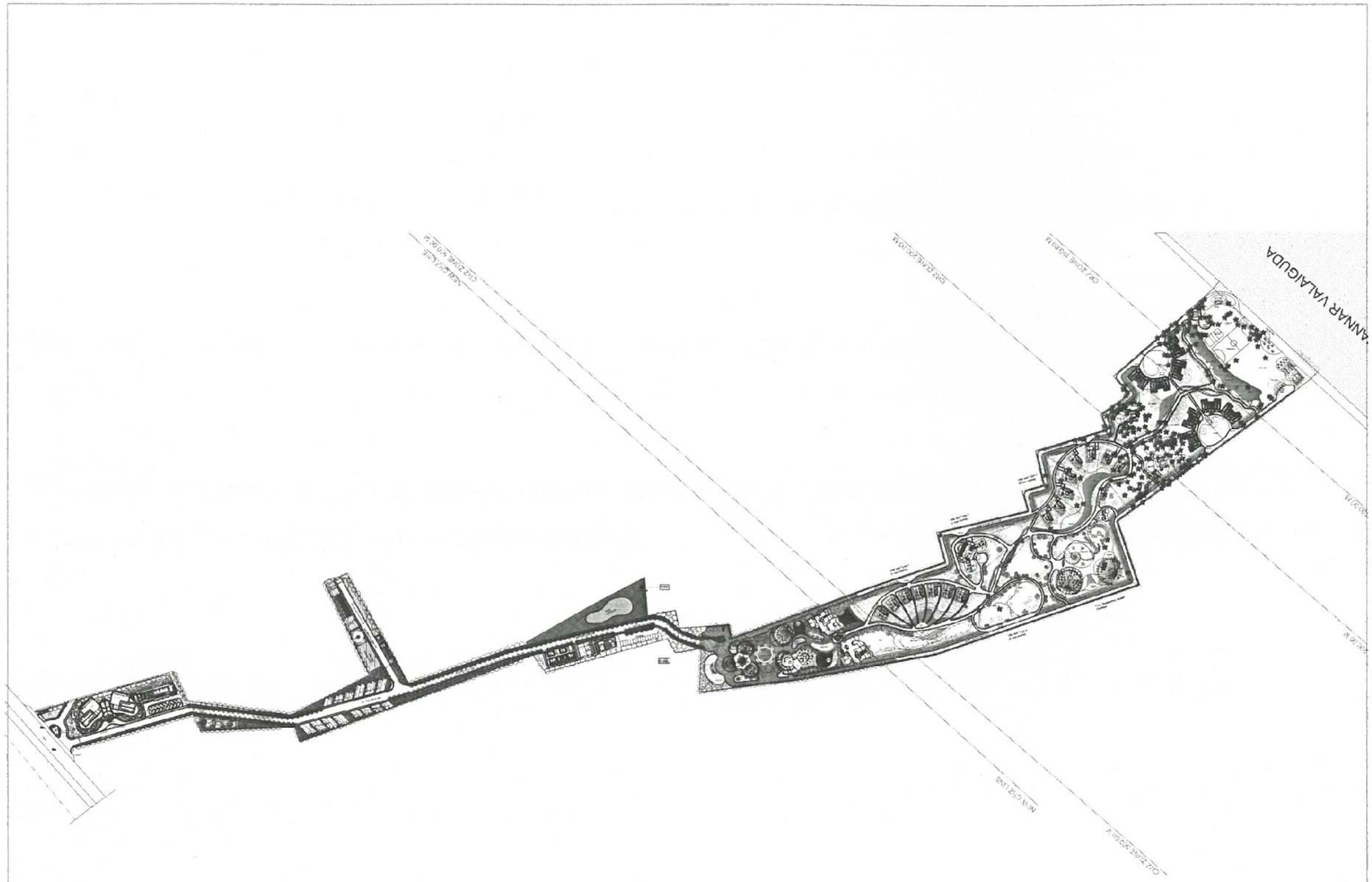
SITE LOCATION: Ramanathapuram, Tamil Nadu

PROJECT STATUS: Construction on progress

WORK DONE: 1. Revision Drawings

Tree planting Schedules

Presentation



IRRIGATION LEGEND : -

- uPVC MAINLINE PIPE 90 MM DIA / 10 Kg/Sq.Cm. IS 4985 : 2000.
- uPVC MAINLINE PIPE 63 MM DIA / 6 Kg/Sq.Cm. IS 4985 : 2000.
- uPVC SUBMAIN PIPE 63 MM DIA / 6 Kg/Sq.Cm. IS 4985 : 2000.
- uPVC SUB MAIN PIPE 40 MM DIA / 6 Kg/Sq.Cm. IS 4985 : 2000.
- PVC BALL VALVE 2" DIA WITH 10" ROUND VALVE BOX.
- BRASS QUICK COUPLING VALVE 1" DIA WITH 6" ROUND VALVE BOX.
- BRASS QUICK COUPLING VALVE 1" DIA WITH 6" ROUND VALVE BOX.

RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

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NOTE:

1. All dimensions are in millimeters.
2. All levels indicated are finished levels.
3. Only written dimensions to be followed.
4. Refer STRUCTURAL CONSULTANT'S drawings & details for all Landscape structural works including FOUNDATIONS,SUB BASES all other structural elements including ROOF Water proofing,other related works and also Road works, retaining walls etc.
5. Refer MEP Consultant's drawing/details for all Outdoor MEP Works including Storm water drains, catch basins, swales, RWP etc/ Electrical Notes & other entities including related levels etc.
6. For items mentioned as 'Vendors shop drawings' shall be vetted by the Landscape Architect before execution.
7. All BOQ's of all items shall be finalised/procured based on the site dimensions provided by PMC.
8. Pls integrate our BOQ's as well as other consultants BOQ's (Structural, MEP etc.) before releasing to the contractor.
9. Any discrepancies noticed in the drawing or with the site condition shall be brought to the notice of the Landscape Architect & Architect immediately.

No	Date	Revision	Drawn
1	05.02.2022	Irrigation Revised	Sanjeev

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PROJECT

LANDSCAPE DESIGN PROPOSAL FOR
LA - PALMERA BY THE SEA
@ RAMANATHAPURAM

DRAWING TITLE

IRRIGATION MASTERPLAN DRAWING

Job.no :947/21	Drawn : Dharini	North :	CHK BY :
Drg.no:LA-32	Date : 15.12.2021	Scale: 1:1100	GPJ

FILE NAME :

LANDSCAPE ARCHITECTS

Z:\1 PROJECTS\La Palmera, Ramanathapuram\Drawings\Our Dwg\5- SOFT LANDSCAPE CONSTRUCTION DRAWINGS\ISSUED\LA-32 Irrigation Master Plan 15.12.2021.PE

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ENVIRONMENTAL DESIGN
MASTER PLANNING

14, NORTH AVENUE, EDINAGAR COLONY, BAIDAPET, CHENNAI - 15
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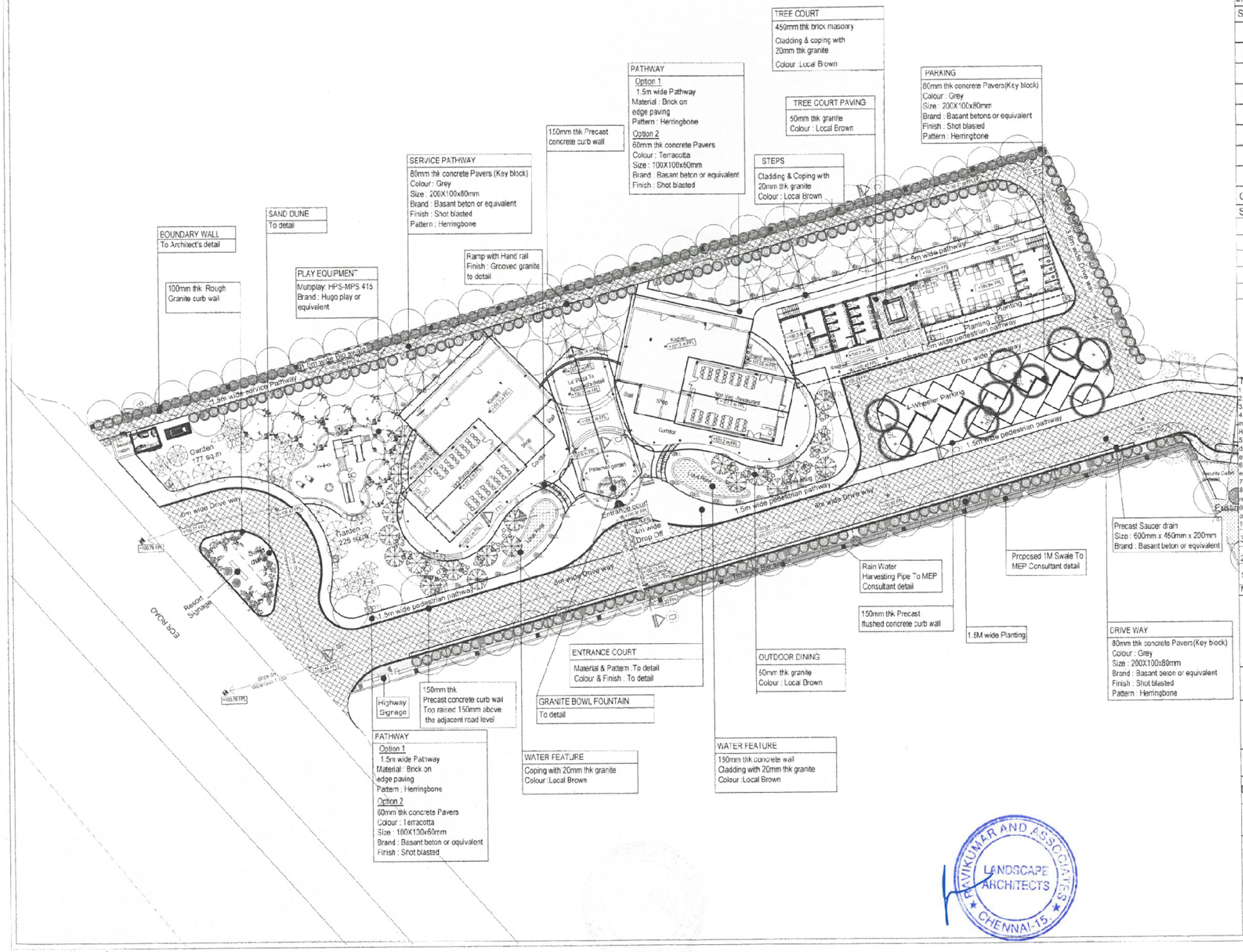

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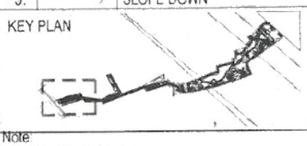
LIGHTING SCHEDULE

S.No	SYMBOL	DESCRIPTION	QUANTITY (NOS)
1	- SL	Street Light	10
2	- PTL	Post Top Lantern (Single arm)	27
3	- BL	Bollard Light	37
4	- AFL	Architecture focus light (Asymmetrical)	2
5	- WRL	Wall recessed light	3
6	- AL	Accent light	5
7	- UWL	Under Water Light	4
8	- LFL	Landscape Focus Light	5

GRADING LEGEND

S.No	SYMBOL	DESCRIPTION
1.	- FFL	FINISHED FLOOR LEVEL
2.	- FPL	FINISHED PAVING LEVEL
3.	- FRL	FINISHED ROAD LEVEL
4.	- FGL	FORMED GROUND LEVEL
5.	→	SLOPE DOWN

KEY PLAN



Note
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3. Only written dimensions to be followed.
4. Refer STRUCTURAL CONSULTANT'S drawings & details for all Landscape structural works including FOUNDATIONS, all other structural elements including ROOF Water proofing, and also Hoac works, retaining walls etc.
5. Refer MEP Consultant's drawing/details for all Outdoor MEP Works including Storm water drains, catch basins, swales, RWP etc/ Electrical routing & other entities including related levels etc.
6. Items mentioned as 'Vendors shop drawings' shall be vetted by the Landscape Architect before execution.
7. All BOQ's of all items shall be finalised/procured based on the site dimensions provided by PMC.
8. Pls integrate our BOQ's as well as other consultants BOQ's (Structural, MEP etc.) before releasing to the contractor.
9. Any discrepancies noticed in the drawing or with the site condition shall be brought to the notice of the Landscape Architect & Architect immediately.
10. Granite (Colour & Finish) to be selected based on Architect's and Client's choice.

No	Date	Revision	Drawn
3	03.02.2022	Cycleway in this zone is replaced with planting, as per the latest site meeting	Sanjeev
2	20.01.2022	Materials revised as per Architect's input	Dharini
1	13.12.2021	Road to Kitchen service revised as per Architect's input	Dharini

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PROJECT — LANDSCAPE DESIGN PROPOSAL FOR
LA - PALMERA BY THE SEA
@ RAMANATHAPURAM

DRAWING TITLE
HIGHWAY RESTAURANT ZONE - DETAILED SCHEME WITH LIGHTING, MATERIAL FINISHES & GRADING (Revision 3)

Job.no :947/21	Drawn : Dharini	North :	CHK BY :	
Drg.no:LA - 15 R3	Date : 06.12.2021	Scale: 1:250	GPJ	Dharini

FILE NAME :
J:\PROJECTS\LA-Nilmini_Ramanathpuram\Drawings\Dwg\4-HARD LANDSCAPE CONSTRUCTION DRAWINGS\SS\LA-Highway Restaurant Zone\LA-15R3-HWRestaurant zone Dated:Date:(06.12.2021)

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Ravikumar and Associates
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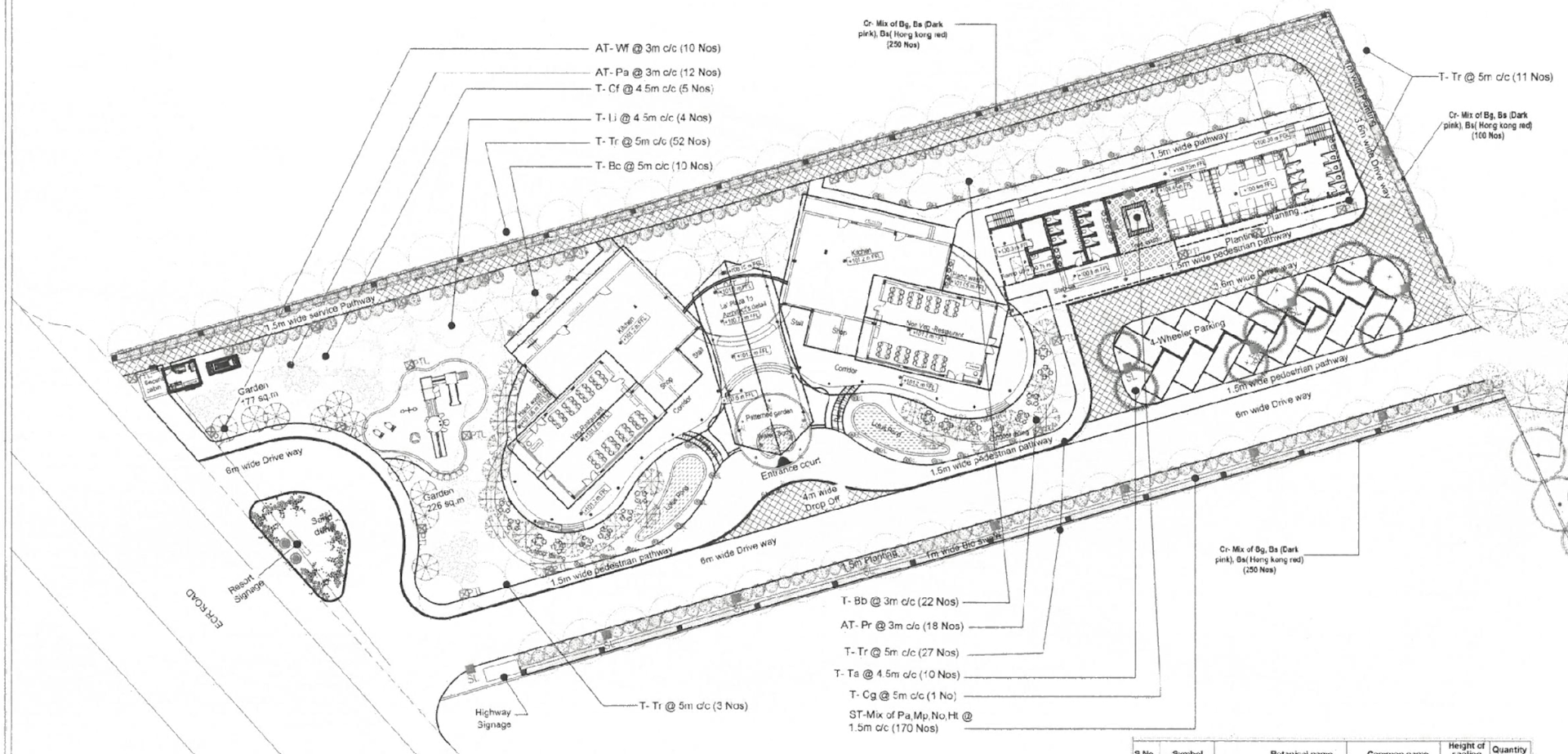
RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15.



S.No	Symbol	Botanical name	Common name	Height of sapling (ft)	Quantity (nos.)
HIGHWAY RESTAURANT ZONE					
B	TREES				
1	T- Tr	Tabebuia rosea	Rosy Trumpet Tree	8'-10'	93
2	T- Bo	Bauhinia blackeana	Hongkong Orchid Tree	10'-15'	22
3	T- Cf	Cassia fistula	Golden shower tree	5'-10'	5
4	T- Bc	Bombax ceiba	Silk Cotton Tree	12' - 15'	15
5	T- Cg	Courcupita guianensis	Cannon ball tree	12' - 15'	1
6	T- Ta	Terminaia arjuna	Arjuna tree	5'-10'	10
7	T- Li	Lagerstroemia indica	Crepe myrtle	10'-12'	4
A	ACCENT TREES				
1	AT- Wf	Washingtonia filifera	Desert Palm	6'-8'	10
2	AT- Pa	Plumeria alba	Frangipani	6'-8'	12
3	AT- Pr	Plumeria rubra	Red frangipani	6'-8'	18
C	LARGE SHRUBS				
1	ST- Mix of Pa,Ht Mp,No	Pisonia alba	Pisonia	3' - 5'	52
		Murraya paniculata	Satin Wood Tree	3' - 5'	52
		Nerium oleander	Nerium Pink Double	3' - 5'	52
		Gardenia jasminoides	Cape Jasmine	3' - 5'	52
		Hibiscus tiliaceus	Bronze Cottonwood	3' - 5'	52
1	Cr- Mix of Bg Bs (Dark pink) Bs (Red)	Bougainvillea glabra			200
		Bougainvillea spectabilis 'Dark pink'			200
		Bougainvillea spectabilis 'Hong Kong red'			200

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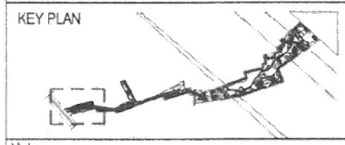
KEY PLAN



Note:

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5. Refer MEP Consultant's drawings/details for all Outdoor MEP Works including Storm water drains, catch basins, swales, RWP etc/ Electrical routing & other entities including related levels etc.
6. Items mentioned as 'Vendors shop drawings' shall be vetted by the Landscape Architect before execution.
7. All BOQ's of all items shall be finalised/procured based on the site dimensions provided by PMC.
8. PIs integrate our BOQ's as well as other consultants BOQ's (Structural, MEP etc.) before releasing to the contractor.
9. Any discrepancies noticed in the drawing or with the site condition shall be brought to the notice of the Landscape Architect & Architect immediately.
10. Granite (Colour & Finish) to be selected based on Architect's and Client's choice.

No	Date	Revision	Drawn
2	05.02.2022	Cycleway removed and Planting implemented as per the latest site meeting	Sanjeev
1	13.01.2022	Buffer tree revised as per client's suggestion	Sanjeev

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PROJECT — LANDSCAPE DESIGN PROPOSAL FOR

LA - PALMERA BY THE SEA

@ RAMANATHAPURAM

DRAWING TITLE

HIGHWAY RESTAURANT ZONE -
TREE & BUFFER PLANTING PLAN

Job.no :947/21	Drawn : Dharini	North :	CHK BY :
Drg.no:LA - 24 R1	Date : 13.12.2021	Scale: 1:250	GPJ / Dharini

FILE NAME :

Z:\1.PROJECTS\La Palmera, Ramanathapuram\Drawings\Our Dwgs\5 - SCFT LANDSCAPE CONSTRUCTION DRAWINGS\NON - ISSUED\Highway Restaurant Zone\LA-24R2 -highway restaurant zone - Tree &Buffer planting plan (13.01.2022)

LANDSCAPE ARCHITECTS

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MASTER PLANNING
Ravikumar and Associates
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RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

A1

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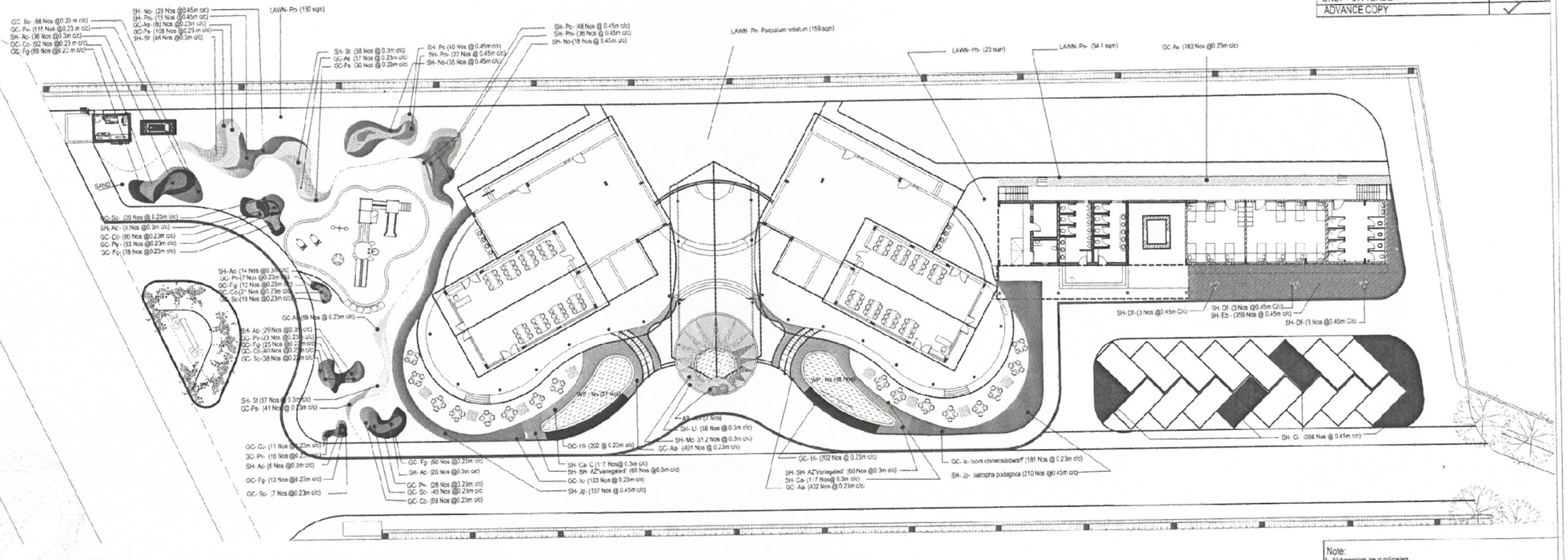

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8. Pls integrate our BOQ's as well as other consultants BOQ's (Structure, MEP etc) before releasing to the contractor.
9. Any discrepancies noticed in the drawing or with the site condition shall be brought to the notice of the Landscape Architect & Architect immediately.
10. Granite (Colour & Finish) to be selected based on Architect's and Client's choice.

No	Date	Revision	
1	03/02/2022	Planting Revised	Sanjeev

ARCHITECTS
mistry architects
bangalore-38.

PROJECT — LANDSCAPE DESIGN PROPOSAL FOR
LA - PALMERA BY THE SEA
@ RAMANATHAPURAM

DRAWING TITLE
HIGHWAY RESTAURANT ZONE - PLANTING PLAN

Job no :	Drawn : Dharini	North :	CHK BY :
Drg no:LA - 26R1	Date : 21.01.2022	Scale: 1:250	GPJ / Dharini

FILE NAME :
Z:\LPROJECTS\Le Palmera Ramanathapuram\Drawings\Our Dwgs\5 - SOFT LANDSCAPE CONSTRUCTION DRAWINGS\ISSUED\Highway restaurant zone\LA-26 R1 Planting plan -Highway restaurant zone (21.01.2022)

LANDSCAPE ARCHITECTS
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Ph: +91 44 22353366 / +91 44 22353055 ravi@ravikumarassociates.net / www.ravikumarassociates.net

RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

PLANTING SCHEDULE:

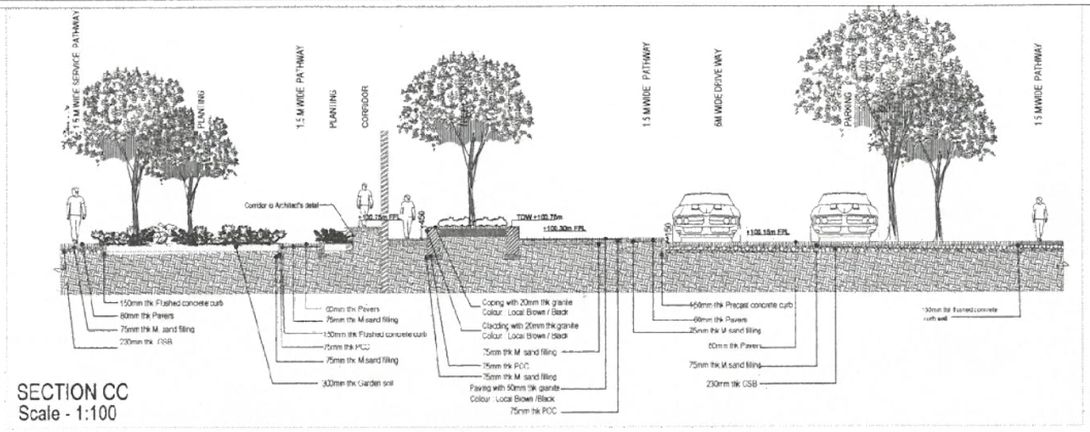
S.NO	SYMBOL	BOTANICAL NAME	COMMON NAME	HEIGHT OF SAPLING	QTY
A.	SHRUBS				
1.	AP- Ao	Adenium obesum	desert rose	0.6	2 Nos.
2.	AP- Lg	Livuda grandis	Fan Palm	1.5	6 Nos.
B.	SHRUBS				
1.	SH- Ac	Alpinia zakarata	Srap ginger	0.45 m	114 Nos
2.	SH- Ca	Cyperus alternifolius	Umbrella sedge	0.45 m	234 Nos
3.	SH- Pc	Pseuderanthemum carruthersii		0.45 m	126 Nos
4.	SH- Eb	Excoecaria bicolor	Chinese Croton	0.45 m	359 Nos
5.	SH- Pm	Phyllanthus niruris	Hawaiian snowbush	0.45 m	94 Nos
6	SH- Df	Dracaena fragrans	Corn Palm	0.45 m	9 Nos

PLANTING SCHEDULE:

S.NO	SYMBOL	BOTANICAL NAME	COMMON NAME	HEIGHT OF SAPLING	QTY
7.	SH- No	Nerium oleander 'Dwarf'	Azali	0.45 m	97 Nos
8.	SH- AZVariegated	Alpinia zorumbet 'Variegata'	Variegata Shell Ginger	0.45 m	120 Nos
9.	SH- Ci	Clerodendrum inerme	Glory Bower	0.45 m	309 Nos
10.	SH- Jp	Jatropha podagrica	Buddha belly plant	0.45 m	347 Nos
11.	SH- Lf	Leucophyllum frutescens	Barometer Bush	0.45 m	56 Nos
12.	SH- Mc	Mallophyla coccigera	Singapore holly	0.45 m	31 Nos
13.	SH- Gt	Sansevieria trifasciata	Mother in laws tongue	0.45 m	191 Nos
C.	GROUND COVER				
1.	GC- Aa	Angelonia angustifolia	Summer Snapdragon		800 Nos
2.	GC- Cc	Cymbopogon citratus	West Indian lemon grass		310 Nos
3.	GC- Fg	Festuca glauca	Blue fescue		169 Nos
4.	GC- Hl	Hymenocallis littoralis	Spiderlily		404 Nos
5.	GC- Ic	Ixora chinensis'dwarf'	Flame of the woods		344 Nos

PLANTING SCHEDULE:

S.NO	SYMBOL	BOTANICAL NAME	COMMON NAME	HEIGHT OF SAPLING	QTY
6.	GC- Psn	Pandanus sanderi	Screw Pine		21 Nos
7.	GC- Pv	Paspaum vaginatum	seashore paspalum		242 Nos
8.	GC- Sc	Sporobolus coromandelianus	Sand grass 79		236 Nos
9	GC-As	Asparagus sprengeri	Asparagus		198 Nos
10	GC-Ps	Pennisetum setaceum	fountain grass		175 Nos
D.	CREEPERS				
1.	CR- Ic	Ipomoea carnpanulata	Tambarvel		64 Nos
E.	LAWN				
2.	LAWN- Ps	Paspalum notatum	Shade grass		643 Sq.m
F.	WATER PLANT				
3.	WP- Nn	Nelumbo nucifera	Sacred lotus		75 Nos



SECTION CC
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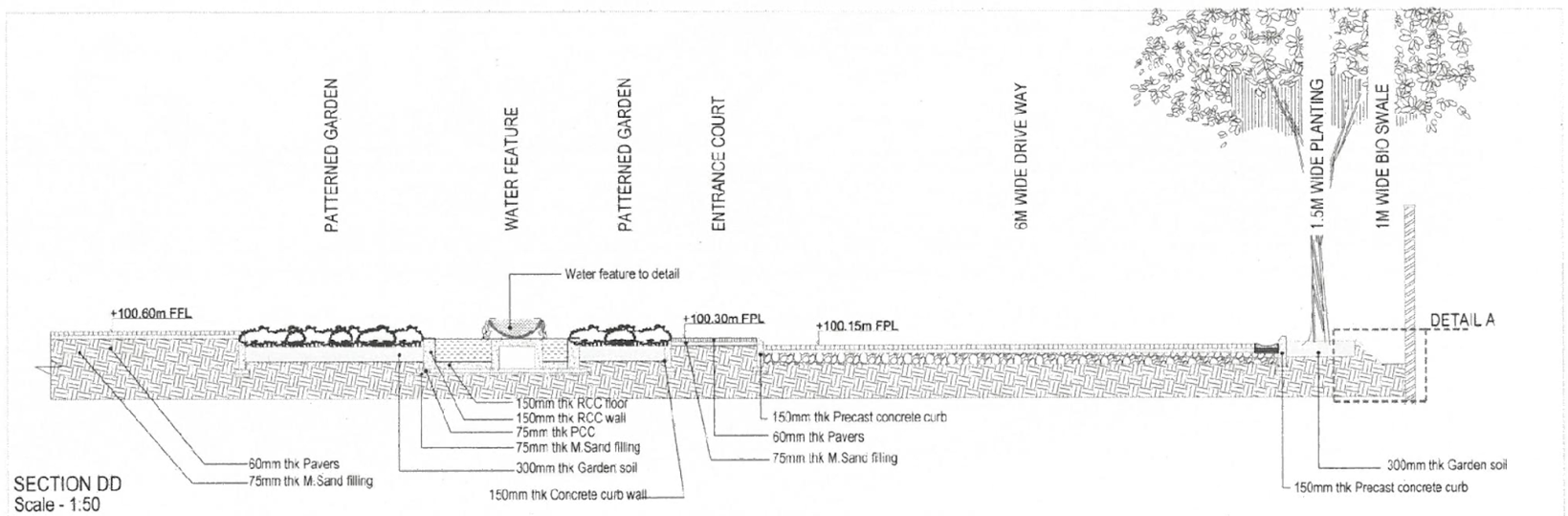

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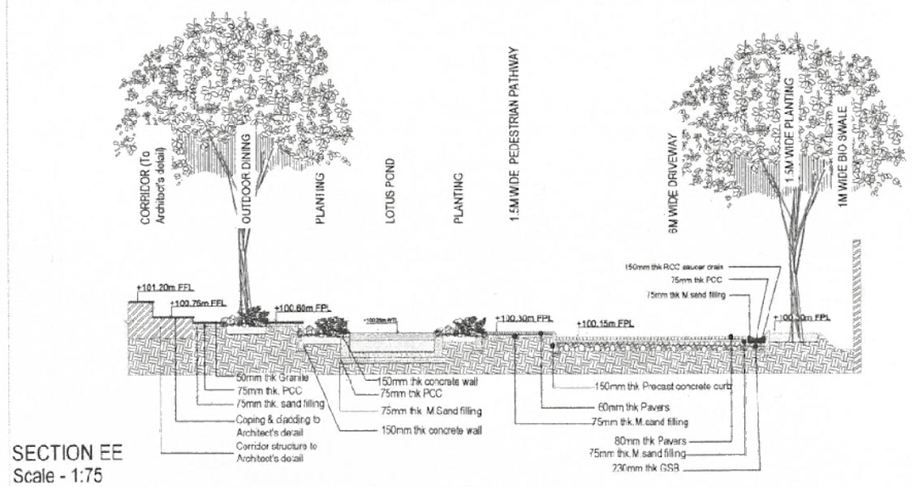

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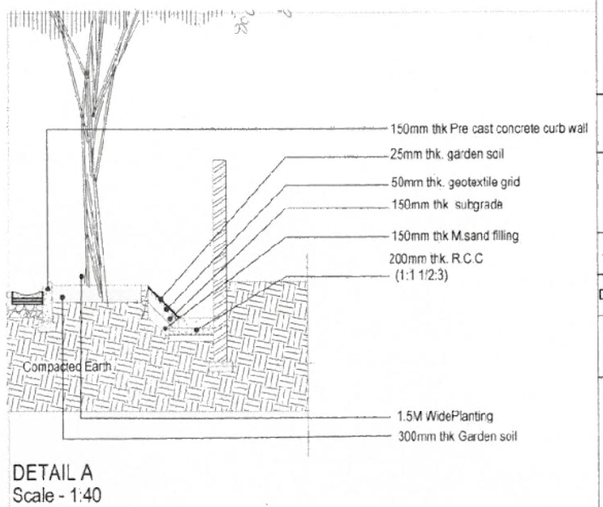

DETAIL A
Scale - 1:40

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Note:

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RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI 15

No	Date	Revision	Drawn
3	03.02.2022	Cycleway removed as per Architect's input	Sanjeev
2	20.01.2022	Level of cycle way revised as per Architect's input	Dharini
1	13.12.2021	Road to Kitchen service revised as per Architect's input	Dharini

ARCHITECTS

mistry architects
bangalore-38.

PROJECT LANDSCAPE DESIGN PROPOSAL FOR
LA - PALMERA BY THE SEA
@ RAMANATHAPURAM

DRAWING TITLE
HARD LANDSCAPE SECTIONS
HIGHWAY RESTAURANT ZONE

Job.no :947/21	Drawn : Dharini	North :	CHK BY :
Drg.no:LA - 17 R3	Date : 20.01.2022	Scale: As mentioned	GPJ

FILE NAME :
Z:\1.PROJECTS\La Palmera, Ramanathapuram\Drawings\Our Dwgs\4 - HARD LANDSCAPE CONSTRUCTION DRAWINGS\ISSUED\Highway Restaurant Zone\LA- 16,17 R3 Hard landscape sections 1_2(20.01.2022)

LANDSCAPE ARCHITECTS

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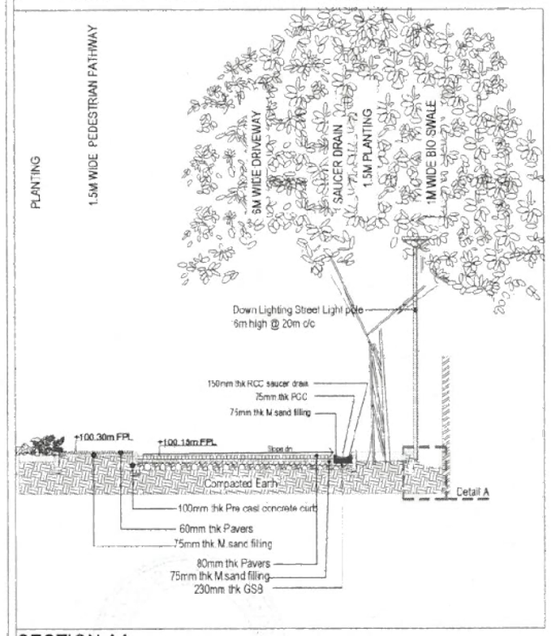
P:+91 44 22353350 / +91 44 22353305 / ravi@ravikumarassociates.net / www.ravikumarassociates.net

HIGHWAY RESTAURANT ZONE



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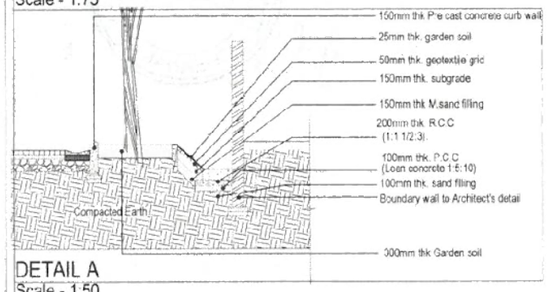

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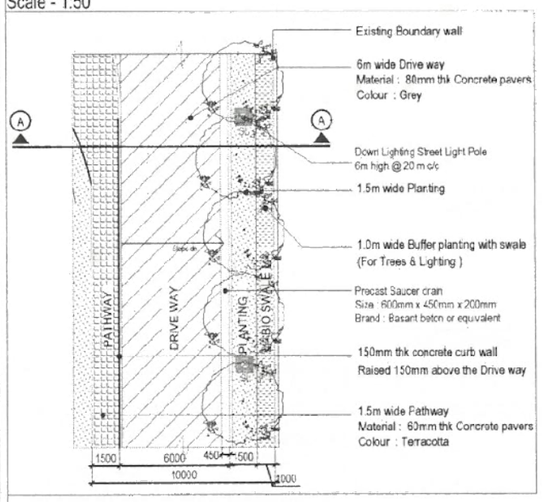
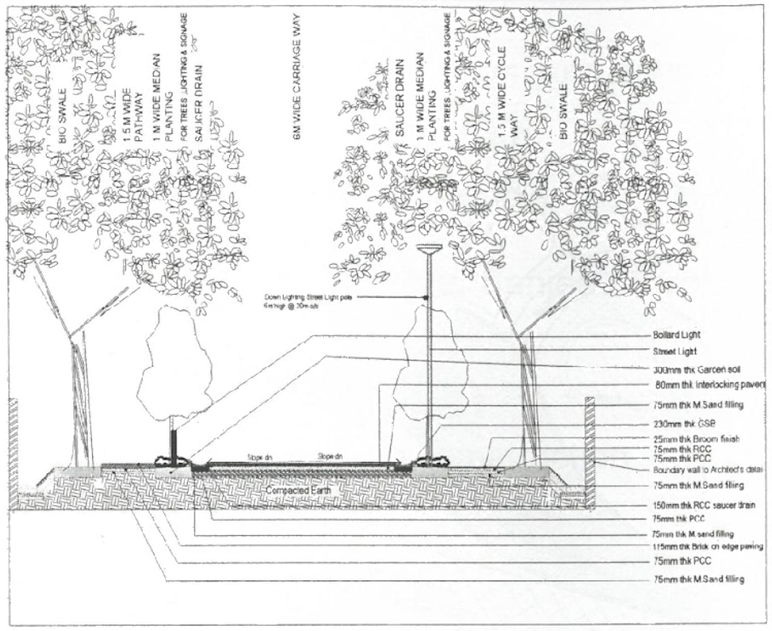


TYPICAL PLAN
Scale - 1:150

TRANSITION ZONE



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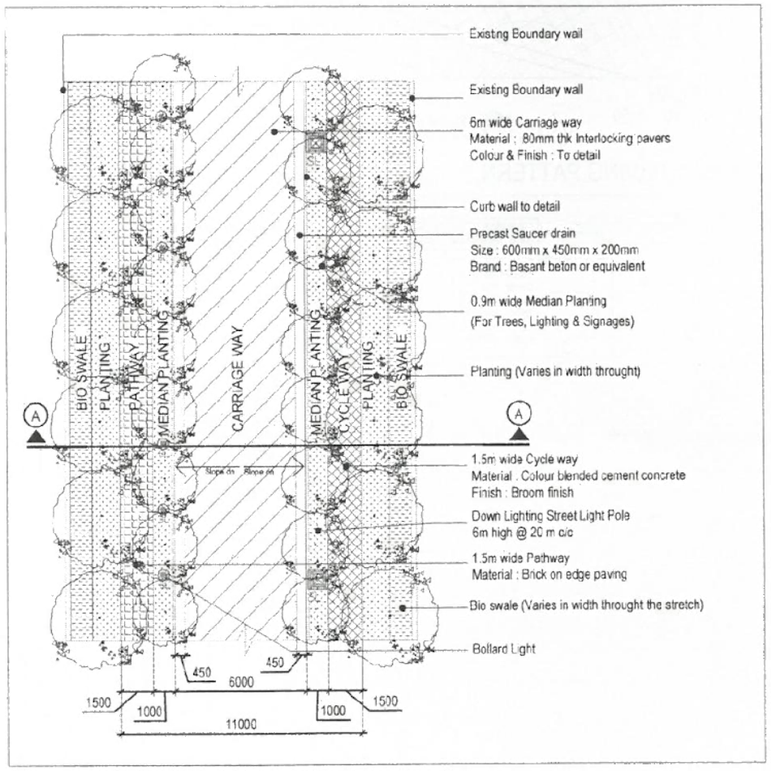

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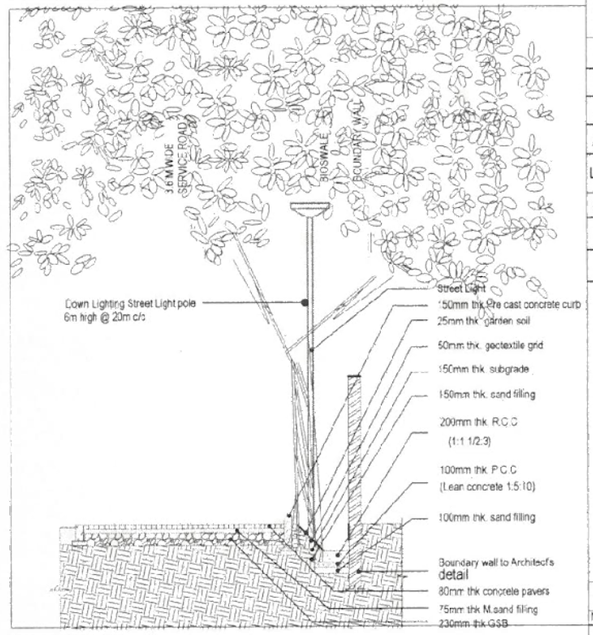
Scale - 1:125

ARRIVAL ZONE



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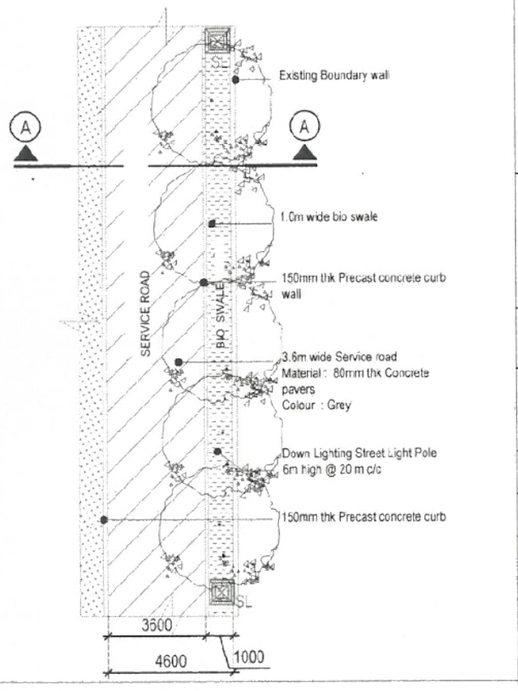

TYPICAL PLAN
Scale - 1:100

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LIGHTING LEGEND

S.No	SYMBOL	DESCRIPTION
1	-SL	Street Light
2	- BL	Bollard Light

RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

No	Date	Revision	Drawn
1	03/02/2022	Cycleway removed and planting implemented as per the last site meeting	Sanjeev

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ARCHITECTS
mistry architects
bangalore-38.

PROJECT
LA - PALMERA BY THE SEA

DRAWING TITLE
TYPICAL ROAD PLAN & SECTION
Highway restaurant, Transition & Arrival zone (Revision 1)

Job.no :947/21	Drawn : Dharini	North :	CHK BY :
Drg.no:LA - 34	Date : 19.01.2021	Scale: As mentioned	GPJ

FILE NAME :
Z:\1 PROJECTS\La Palmera, Ramanathapuram\Drawings\Our Dwg\4 - HARD LANDSCAPE CONSTRUCTION DRAWINGS\ISSUED\Highway Restaurant Zone\LA-34 R1 Typical road plan & sections (18.01.2022)

LANDSCAPE ARCHITECTS
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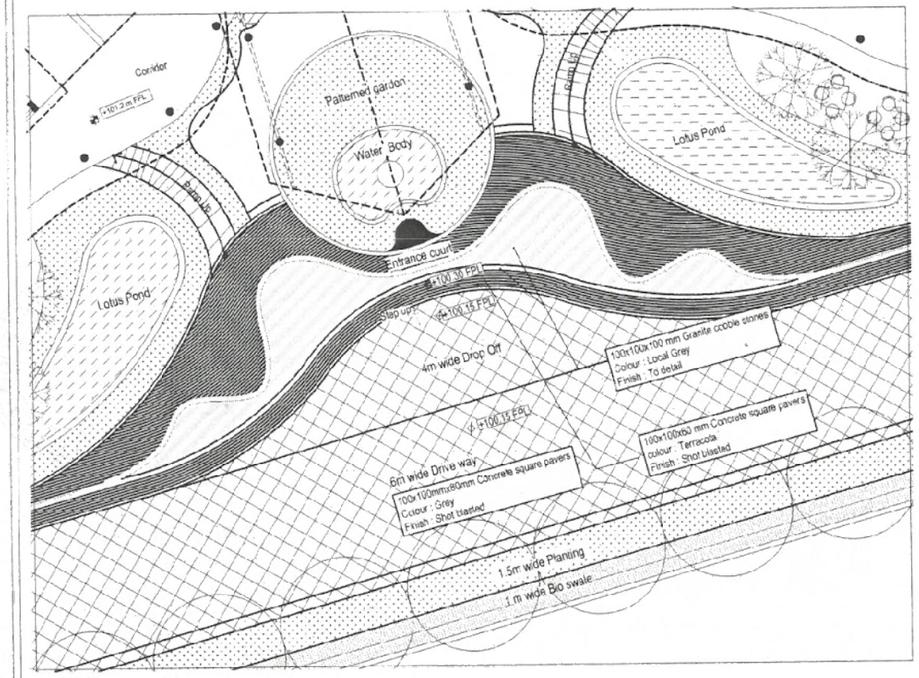
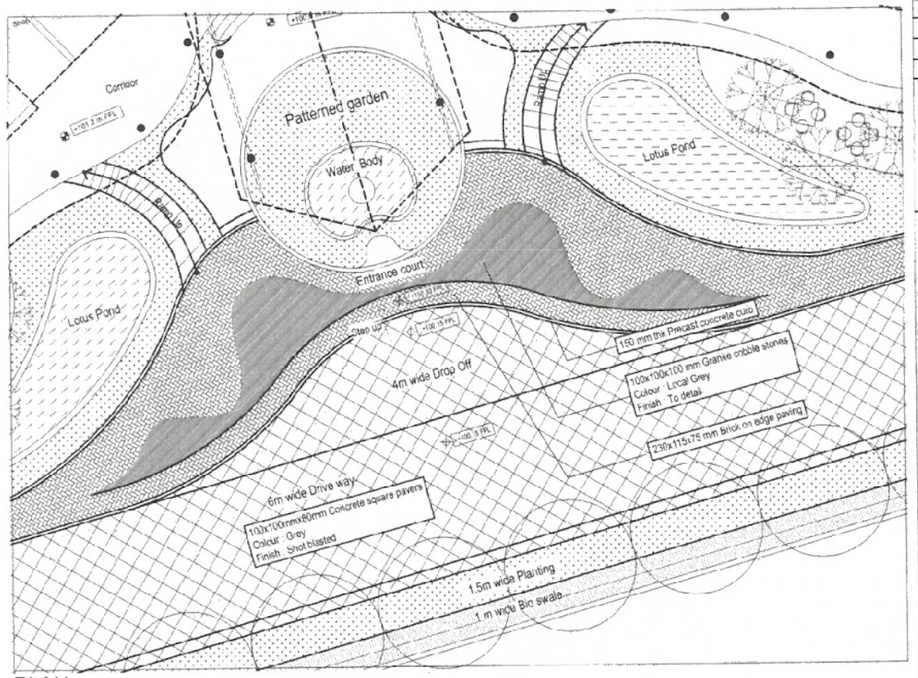
P: +91 44 22353356 / +91 44 22353305 / ravi@ravikumarassociates.net / www.ravikumarassociates.net

ENRANCE COURT PAVING - OPTION 1



PLAN
Scale - 1:100

ENRANCE COURT PAVING - OPTION 2



PLAN
Scale - 1:150

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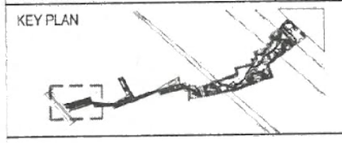
KEY PLAN



RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

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No	Date	Revision	Drawn
1	03.02.2022	Cycleway removed as per Architect's input	Sanjeev

ARCHITECTS
mistry architects
bangalore-38.

PROJECT
LANDSCAPE DESIGN PROPOSAL FOR
LA - PALMERA BY THE SEA
@ RAMANATHAPURAM

DRAWING TITLE
PAVING PATTERN
HIGHWAY RESTAURANT ZONE(Revision- 1)

Job.no :947/21	Drawn : Sanjeev	North :	CHK BY :
Drg.no:LA - 35 R1	Date :03.02.2022	Scale : As mentioned	GPJ / Dharini

FILE NAME :
Z:\1.PROJECTS\La Palmera, Ramanathapuram\Drawings\Our Dwgs\4 - HARD LANDSCAPE CONSTRUCTION
DRAWINGS\ISSUED\Highway Restaurant Zone\LA-35 R1 Paving pattern, Entrance court, Pathway, Drive way _ Cycle way Motel zone (03.02.2022)

LANDSCAPE ARCHITECTS

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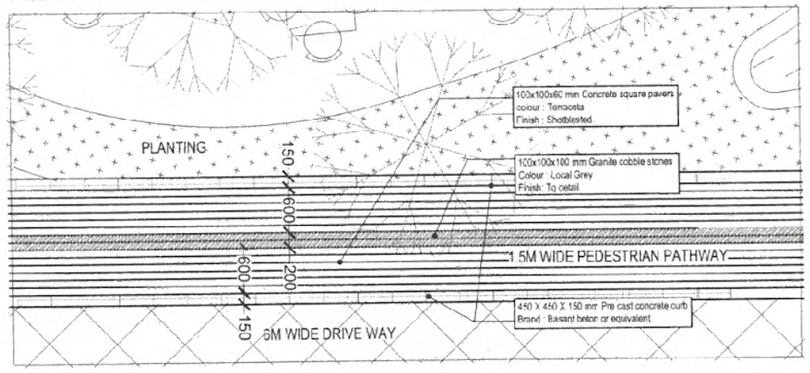
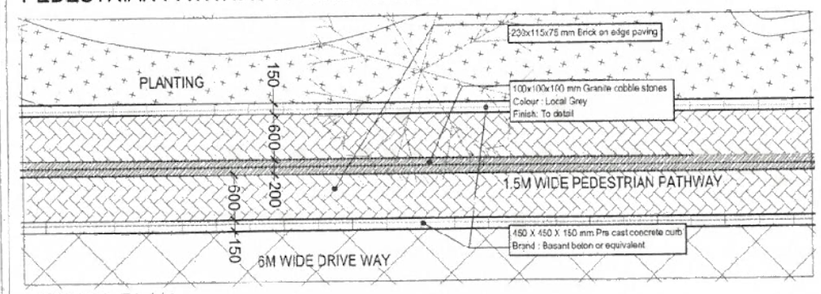
P +91 44 22353300 / +91 44 42353300 / mail@ravikumarassociates.net

PEDESTRIAN PATHWAY PAVING - OPTION 1

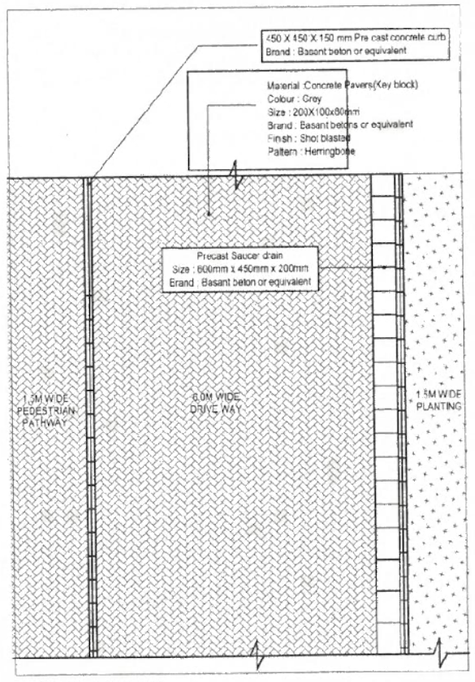


PEDESTRIAN PATHWAY PAVING - OPTION 2



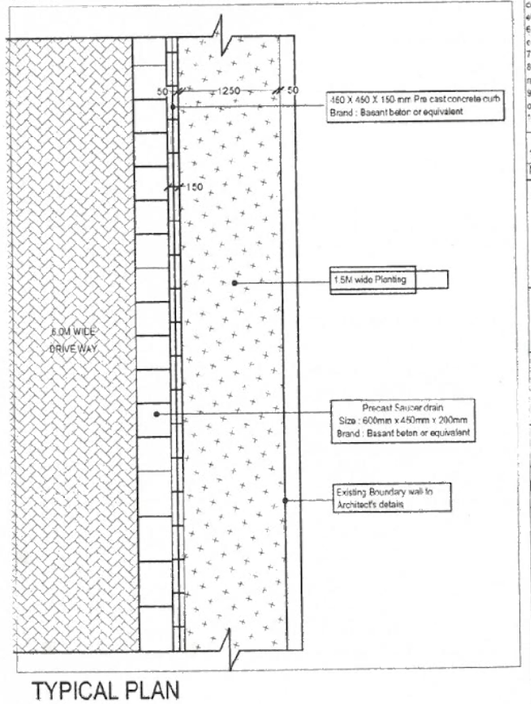
TYPICAL PLAN
Scale - 1:35

DRIVE WAY PAVING PATTERN



TYPICAL PLAN
Scale - 1:50

CYCLE WAY PAVING PATTERN



TYPICAL PLAN
Scale - 1:35

1.4 PROJECT 2

PROJECT NAME: Arulmigu Lakshmi Narasimha Swamy Temple

TEAM: Ar.Ravikumar Narayan, Ar.G.P.Jebalin, Ar.Jolinshia, Sanjeev Sivakumar, Shakthi.k.

SITE LOCATION: Sholinghur, Vellore, Tamil Nadu

PROJECT STATUS: Design Development and on-going Construction

WORK DONE: 1. Schematic Design Drawings

3D Modelling

Views

HUDCO Competition Presentation and Study.

INTRODUCTION

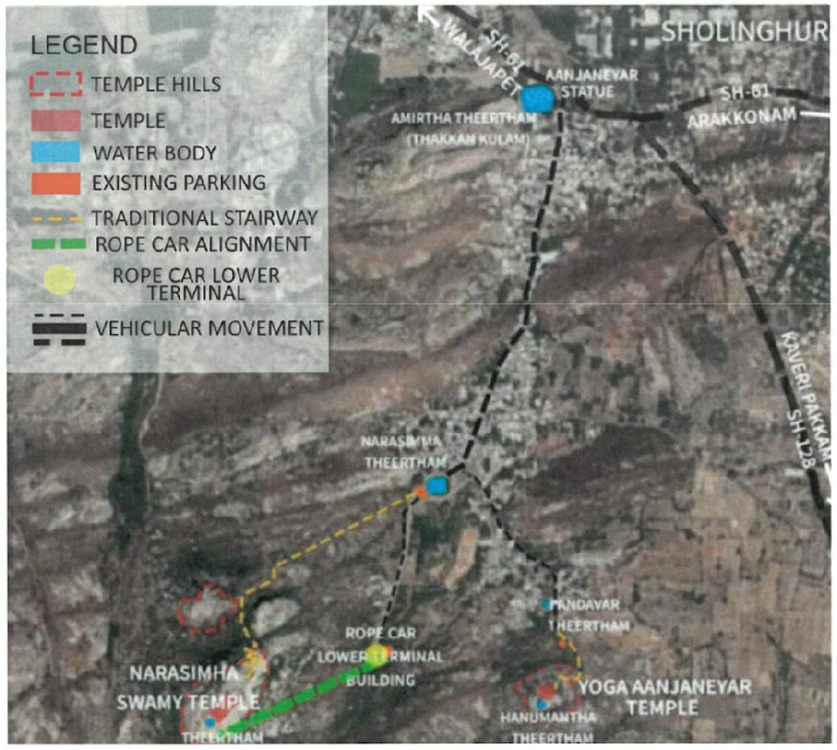
PROJECT

The site for this Temple project is situated in the hills of Sholinghur, where the auspicous shrine of Lakshmi Narasimha Swamy is located.

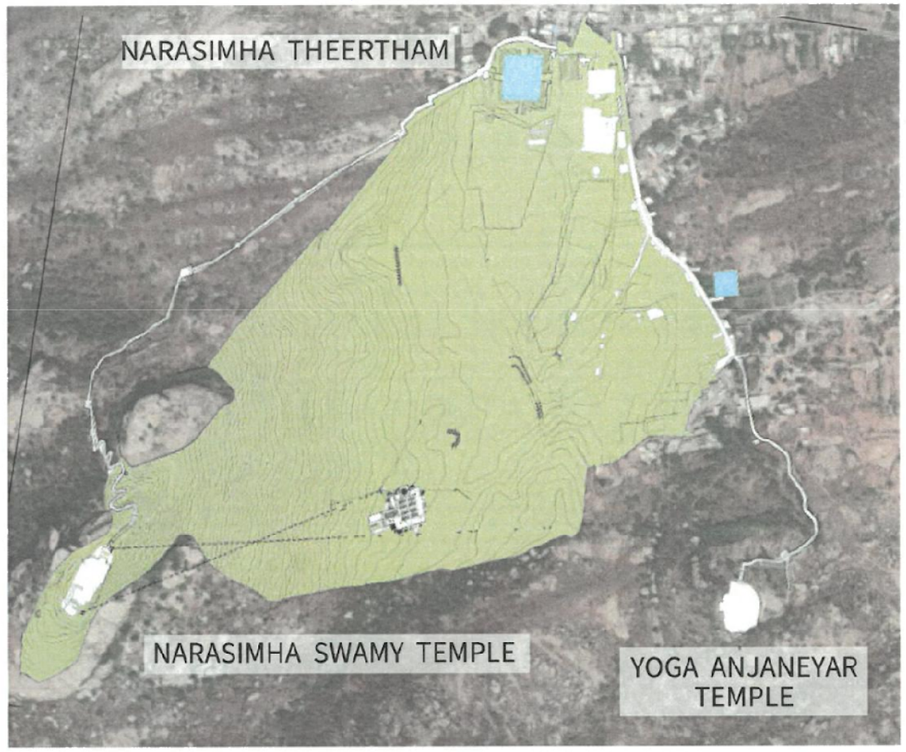
The site's natural landscape consisted of rocky terrains and shrub vegetation, devoid of mature trees.

The design and landscape redevelopment of this temple is derived from its local elements to enhance the existing development as a sustainable approach with water management at its core and introduce green strategies that compliments the site with significance and reverence to the deities.

REGIONAL MAP



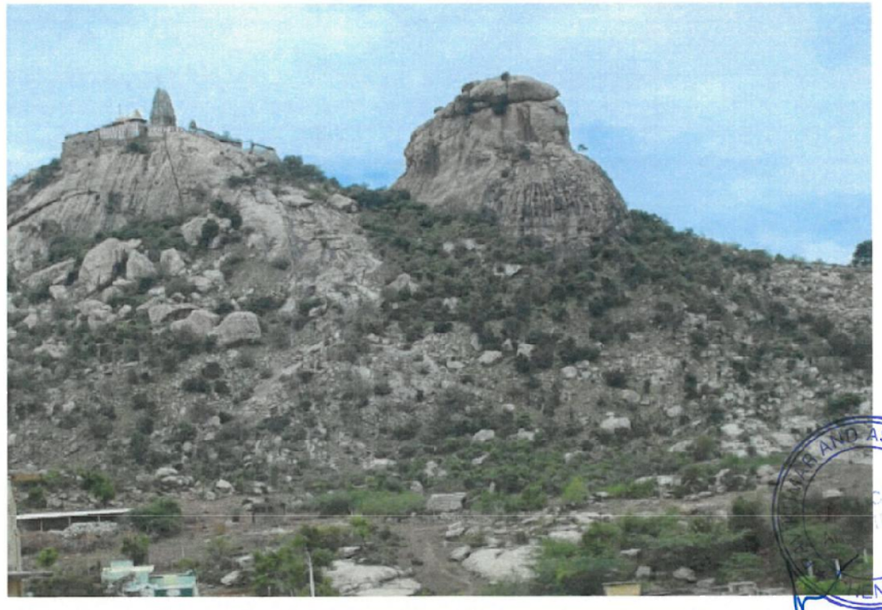
SITE MAP

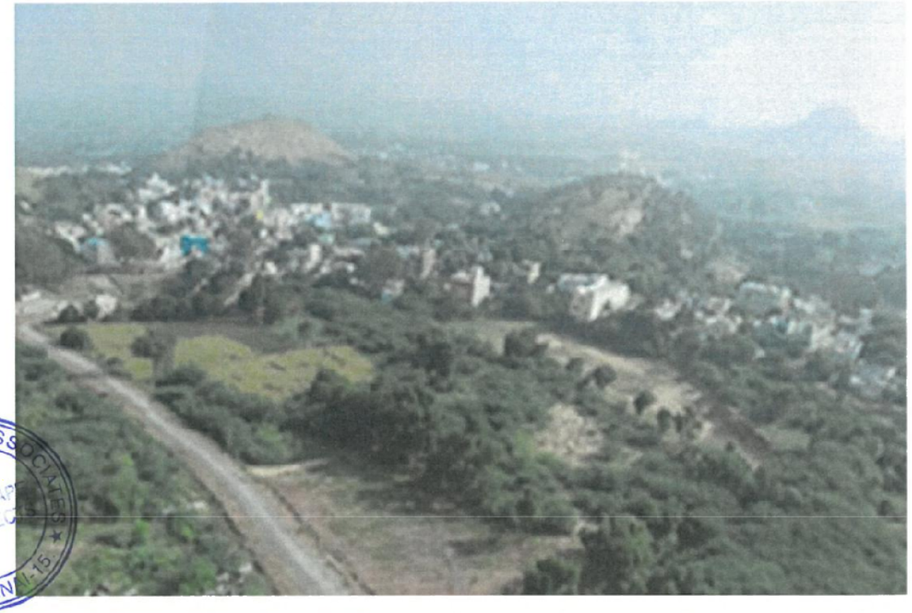


LOCATION MAP

Vellore District Map

SITE VISUALS





TERRAIN

ROCK OUTCROPS IN THE UPPERMOST CONTOURS

WATER BODY NEAR THE ROPE CAR LOWER TERMINAL SITE

CLIMATIC DATA

MEAN DAILY MAXIMUM: 33.9 DEG CELCIUS

MEAN DAILY MINIMUM: 22 DEG CELCIUS

ANNUAL RAINFALL : 1034.3 MM

AVERAGE MAXIMUM NO. OF RAINING DAYS: 55.6 DAYS

RAVIKUMAR AND ASSOCIATES ★ CHENNAI-15 ★

NATIVE TREES OF THE LOCAL FOREST TYPE: TROPICAL DRY EVERGREEN FOREST (TDEF)

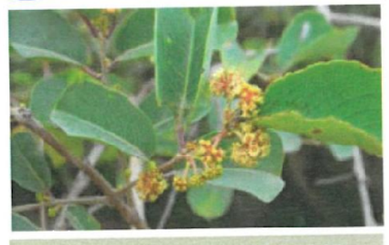
SYZYGIUM CUMINI

ALBIZIA AMARA

ALBIZIA LEBBECK

LEUCAS ASPERA

LANNEA COROMANDELICA



ANOGEISSUS LATIFOLIA

SENNA AURICULATA

SANTALUM ALBUM

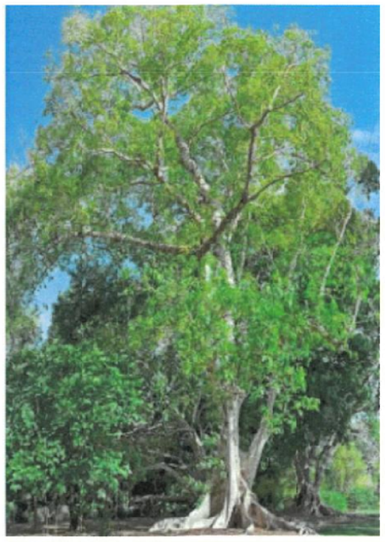
PTEROCARPUS MARSUPIUM

TERMINALIA BELLIRICA

BAMBUSA VULGARIS

COUROUPITA GUIANENSIS

SIGNIFICANT PLANTS OF LORD VISHNU (LAKSHMI NARASIMHA SWAMY)


FICUS RACEMOSA

HIBISCUS ROSA-SINENSIS

JASMINUM GRANDIFLORUM

NYCTANTHES ARBOR-TRISTIS

NELUMBO NUCIFERA

OCIMUM TENUIFLORUM

MAGNOLIA CHAMPACA

MIMUSOPS ELENGI

NERIUM INDICUM

SARACA ASOCA

STEREOSPERMUM SUAVEOLENS

CULTURAL PRACTICES OF LOCAL PEOPLE

KARIGIRI POTTERY

THERU KOOTHU

KAI SILAMBATTAM

WALAJAH CANE FURNITURE

THERU KOOTHU

SERVAIYATTAM

KOKKALI KATTAIYATTAM

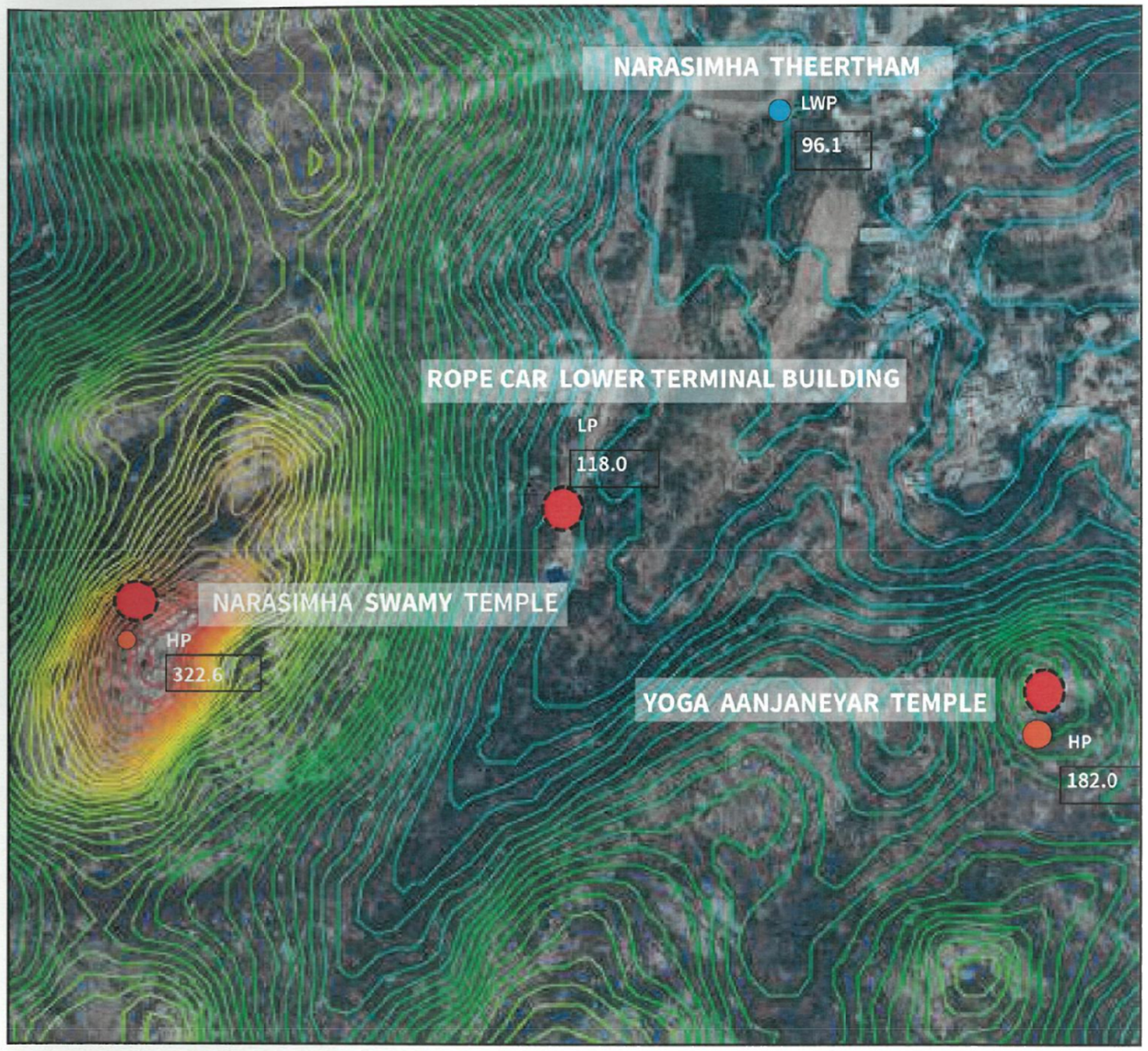
REGIONAL EVENTS DEPICTED IN THERUKOOTHU PLAYS

- Draupadi's Wedding
- Subhadra's Wedding
- Raja Suya Yagam
- Molestation of Draupadi
- Arjuna's Penance
- Kuravanji dance performances
- Keechaka Vadham – "Slaying of Keechaka in Mahabharatam"
- Lord Krishna as a Messenger
- Abimanyu's Fight
- King Karna's Liberation
- 18th day of Mahabarata War

RAVIKUMAR AND ASSOCIATES

CONTOUR ANALYSIS

TERRAIN MAP



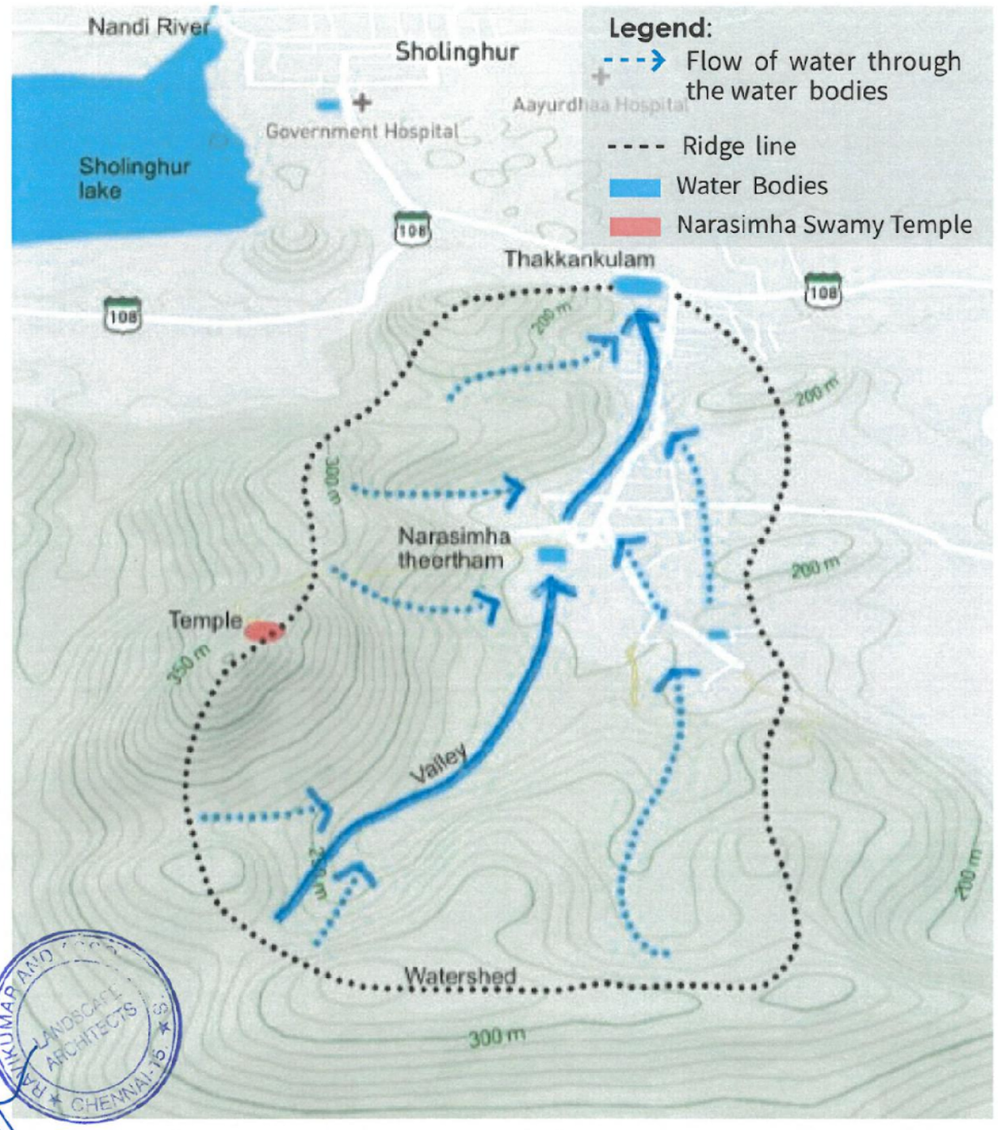
Legend:

> 1:20	1:2.5 -1:5	HP	High Point
1:10 -1:20	1:1.5 -1:2.5	LP	Low Point
	<1:1.5	LWP	Lowest Point

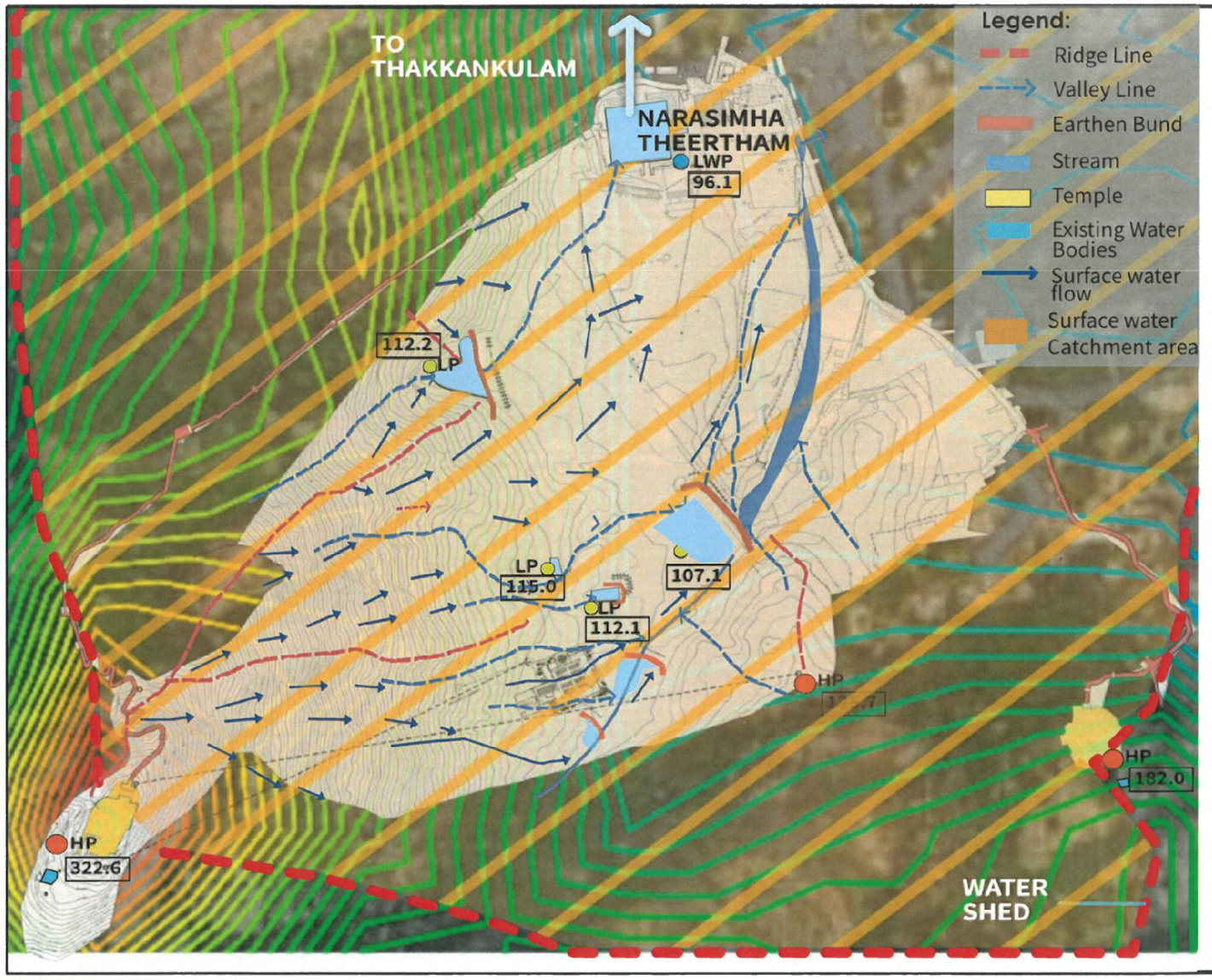
The two highest points / hillocks of the site are where the Narasimha Swamy temple and Yoga Anjaneyar Temple are located. The rope car lower terminall is at a relatively low point and the Narasimha Theertham (Tank) at the point of the site.

RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

REGIONAL LEVEL



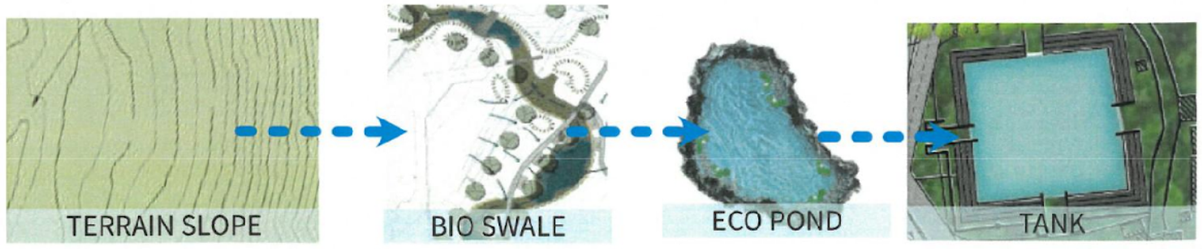
SITE LEVEL

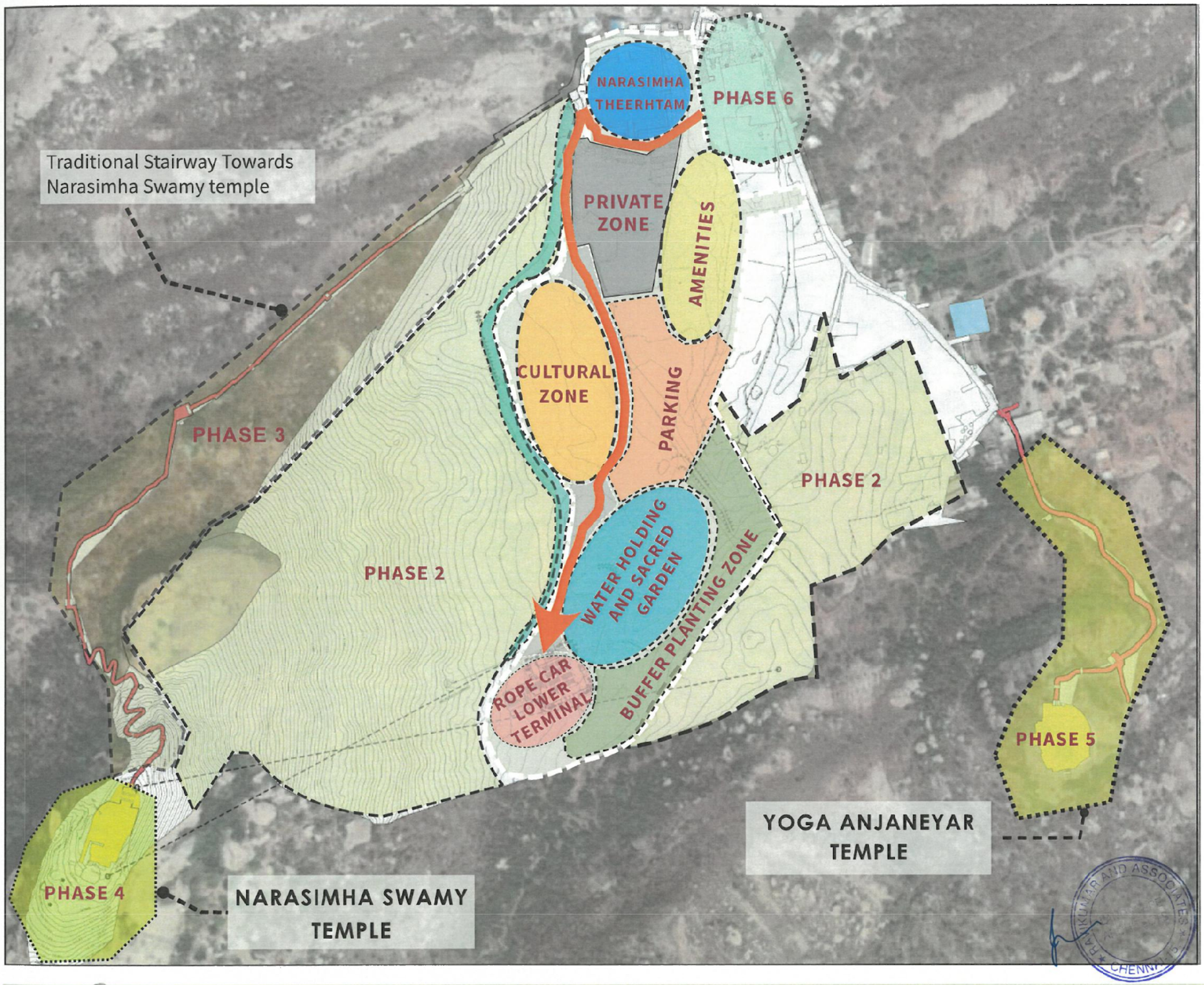


The temple is surrounded by 8water bodies, That comprises of Ponds, Check Dams and Temple tanks. The storm water flow analysis aids the depiction of flow of water through the Neighbouring tanks and ponds of the temple, descending to a series of lakes and streams networked together.

Most of the watershed area (around 600 acres) is in slope covered with rock outcrops, boulders and gravel. Hence most of the storm water (90%) runs off on surface, which amounts to 2259 million litres per annum. Hence it becomes very ethical to catch the run off through bio swales, ponds and tanks and use this for irrigation and other purposes.

SEQUENTIAL WATER MANAGEMENT





Legend:

PHASE 1 Proposed area for the Rope Car Lower Terminal and Narasimha Theertham Temple Tank.

AREA: 15.6 ACRES

Major Zones:

- NARASIMHA THEERTHAM
- CULTURAL ZONE
- AMENITIES AND PARKING ZONE
- WATER HOLDING AND SACRED GARDEN
- LOWER TERMINAL

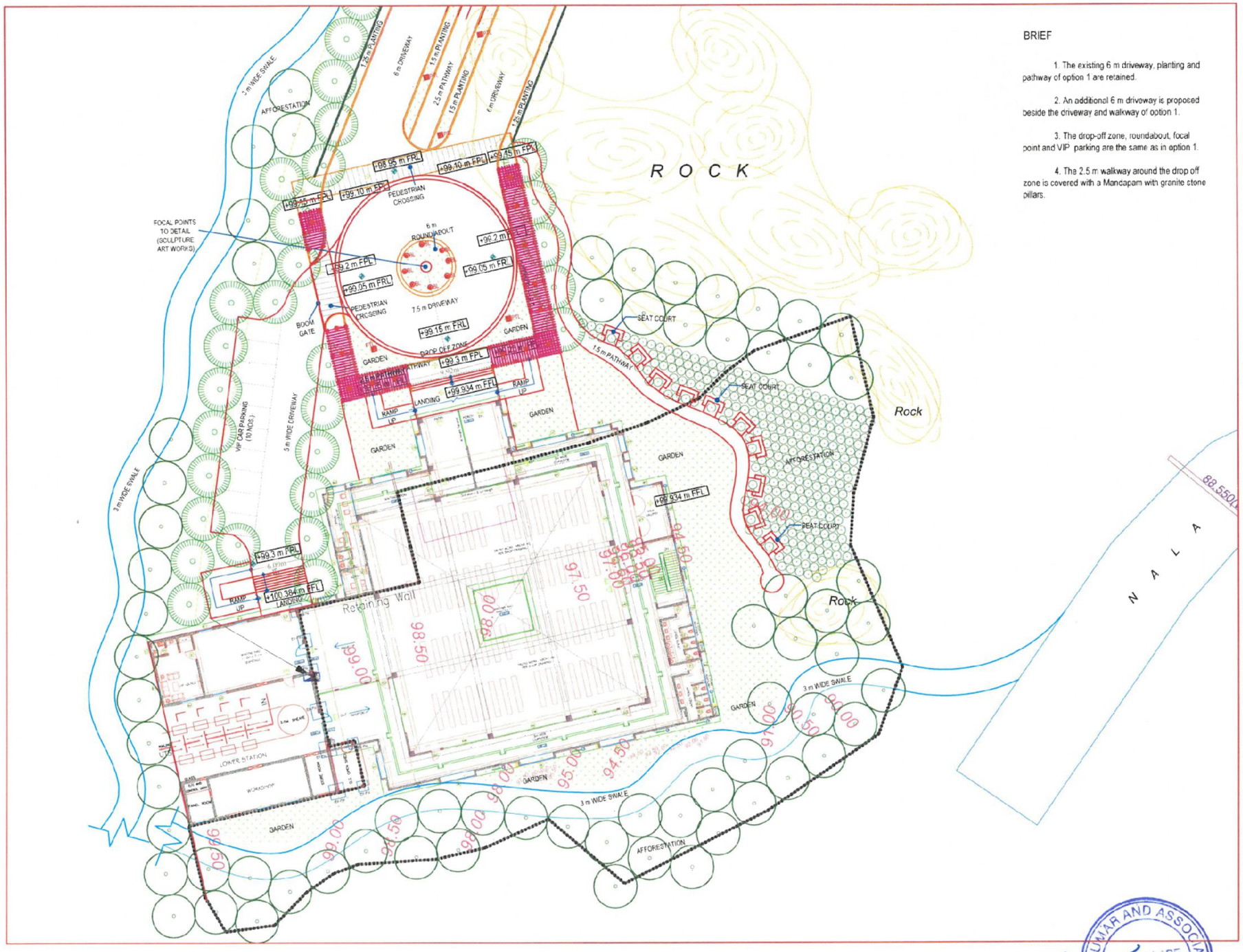
PHASE 2 Other Areas (Afforestation and Water systems).
AREA: 50.3 ACRES

PHASE 3 Traditional Stairs To Main Temple
AREA: 20.7 ACRES

PHASE 4 Narasimha Swamy Temple Premises
AREA: 3.6 ACRES

PHASE 5 Yoga Anjaneyar Temple Premises
AREA: 7.75 ACRES

PHASE 6 Arrival Zone
AREA: 2.6 ACRES



BRIEF

1. The existing 6 m driveway, planting and pathway of option 1 are retained.

2. An additional 6 m driveway is proposed beside the driveway and walkway of option 1.

3. The drop-off zone, roundabout, focal point and VIP parking are the same as in option 1.

4. The 2.5 m walkway around the drop off zone is covered with a Mandapam with granite stone pillars.

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GRADING LEGEND

S.No	Symbol	Description
1.	-FRL	FINISHED ROAD LEVEL
2.	- FPL	FINISHED PAVEMENT LEVEL
3.	-FGL	FORMED GROUND LEVEL

PLANTING LEGEND

1.		AVENUE TREES
2.		AFFORESTATION
3.		GARDEN

LIGHTING LEGEND

1.	PTL	POST TOP LANTERN
2.	BL	BOLLARD LIGHT
3.	PDL	PERGOLA DOWN LIGHT

No	Date	Revision	Drawn	Chk by

Note:
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6. Refer MEP Consultant's drawing/details for all Outdoor MEP Works including Storm water drains, catch basins, swales, RWP etc/ Electrical routing & other entities including related levels etc.
7. For items mentioned as 'Vendors shop drawings' shall be vetted by the Landscape Architect before execution.
8. All BOQ's of all items shall be finalised/procured based on the site dimensions provided by PMC.
9. PIs integrate our BOQ's as well as other consultants BOQ's (Structural, MEP etc.) before releasing to the contractor.
10. Any discrepancies noticed in the drawing or with the site condition shall be brought to the notice of the Landscape Architect & Architect immediately.

Architects
SAJITH & VIVEK ARCHITECTS

Project:
ARULMIGU LAKSHMI NARASIMHA SWAMY TEMPLE
AT SHOLINGHUR

Drawing Title
DETAILED LANDSCAPE SCHEME
LOWER TERMINAL
(OPTION 2)

Job no : 942/20	Drawn: Sanjeev	North		CHK BY	
Drg no: LA-10	Date : 31.12.2021	Scale : 1:300		GPJ	RKN

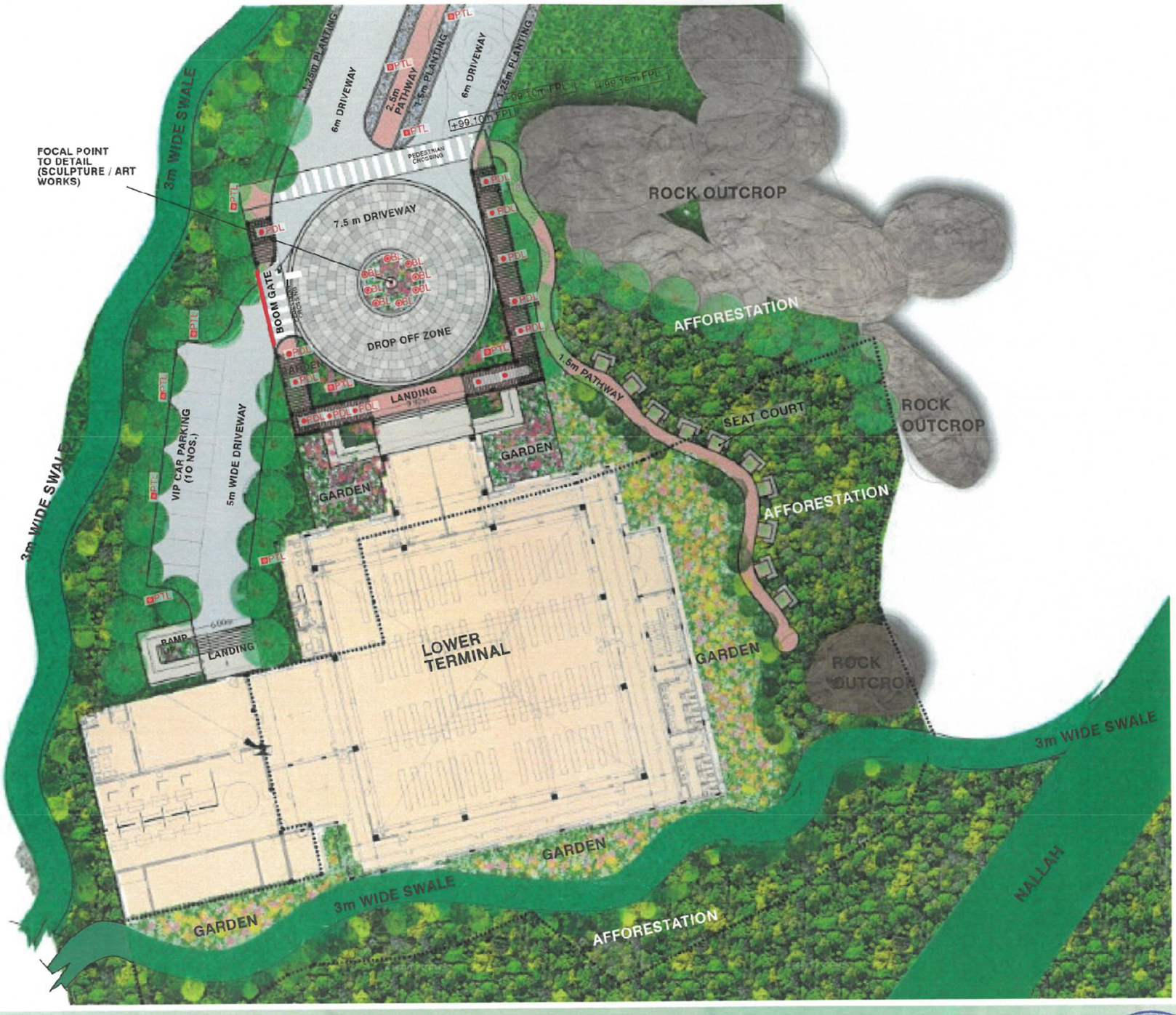
File name :
X:\LPROJECTS\Sholinghur Temple\Drawings\Our Dwgs\2 - DETAILED DESIGN\RON-ISSUE\LA-10 Detailed LA-scheme - lower terminal (OPTION 2) (31.03.2022)

Landscape Architects
RaA LANDSCAPE ARCHITECTURE · ENVIRONMENTAL DESIGN · MASTER PLANNING
Ravikumar and Associates
14,NORTH AVENUE, (PANAGARCOIL)NAY, BANDAPET, CHENNAI-73.

RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

A2

DETAILED LANDSCAPE SCHEME



LEGEND

- Rock outcrop
- Proposed Swale

PLANTING LEGEND

- Afforestation
- Garden
- Avenue Trees

LIGHTING LEGEND

- BL - Bollard Lights
- PTL - Post Top Lantern
- PDL - Pergola Down Light

ARCHITECTS
SAJITH & VIVEK ARCHITECTS

MASTER PLANNING
ARULMIGU LAKSHMI NARASIMHA SWAMY TEMPLE, Sholinghur

RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

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LANDSCAPE ARCHITECTS
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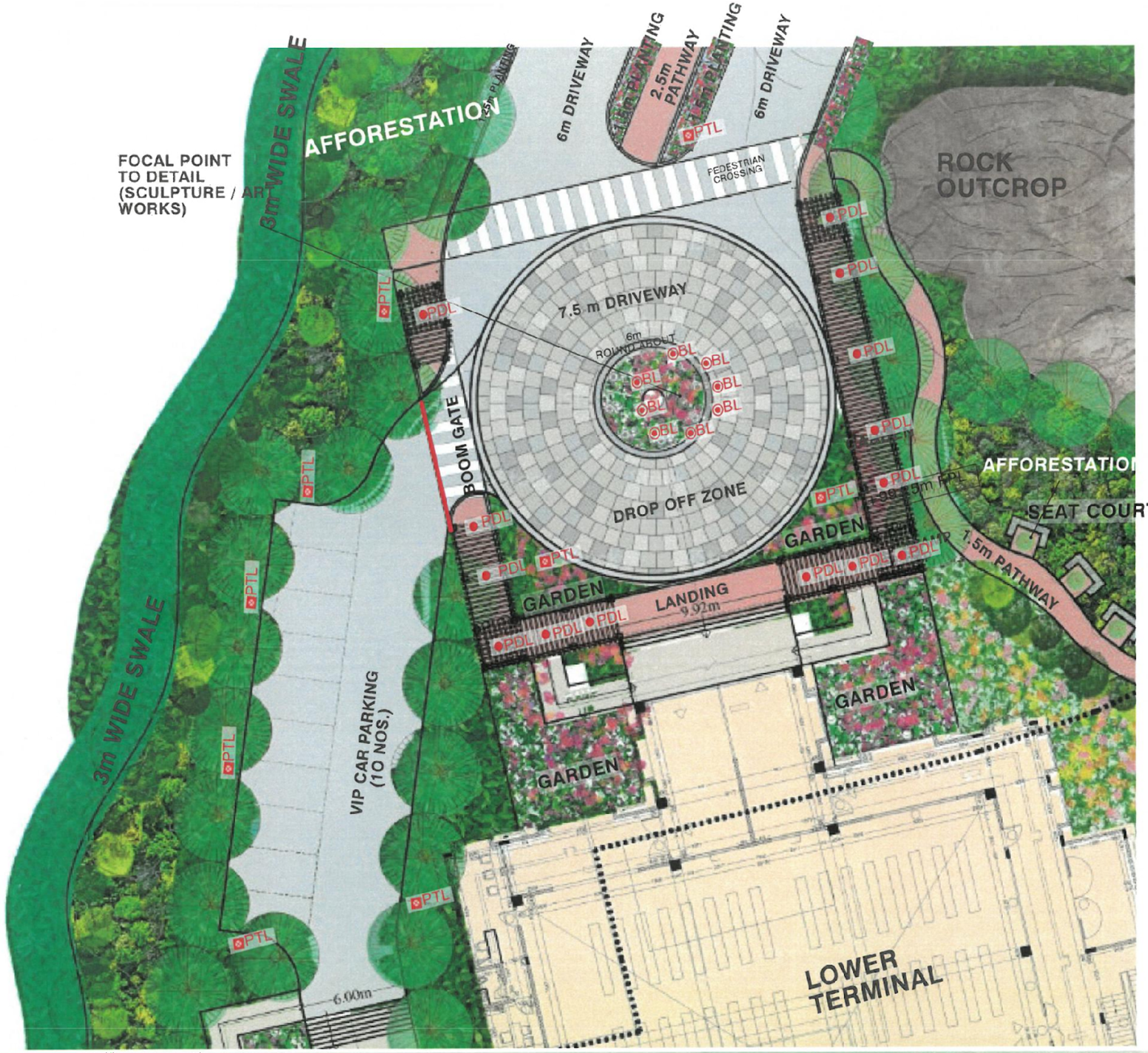
Ravikumar and Associates

DETAILED LANDSCAPE SCHEME

Part Plan



LEGEND

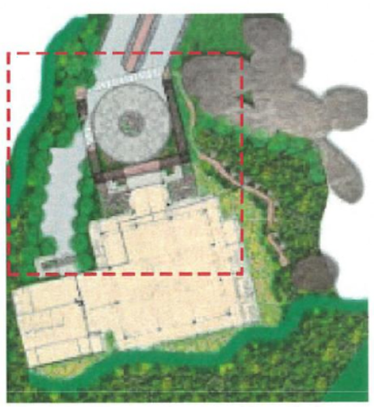
- Rock outcrop
- Proposed Swale

PLANTING LEGEND

- Afforestation
- Garden
- Avenue Trees

LIGHTING LEGEND

- BL - Bollard Lights
- PTL - Post Top Lantern
- PDL - Pergola Down Light



ARCHITECTS

SAJITH & VIVEK ARCHITECTS

MASTER PLANNING

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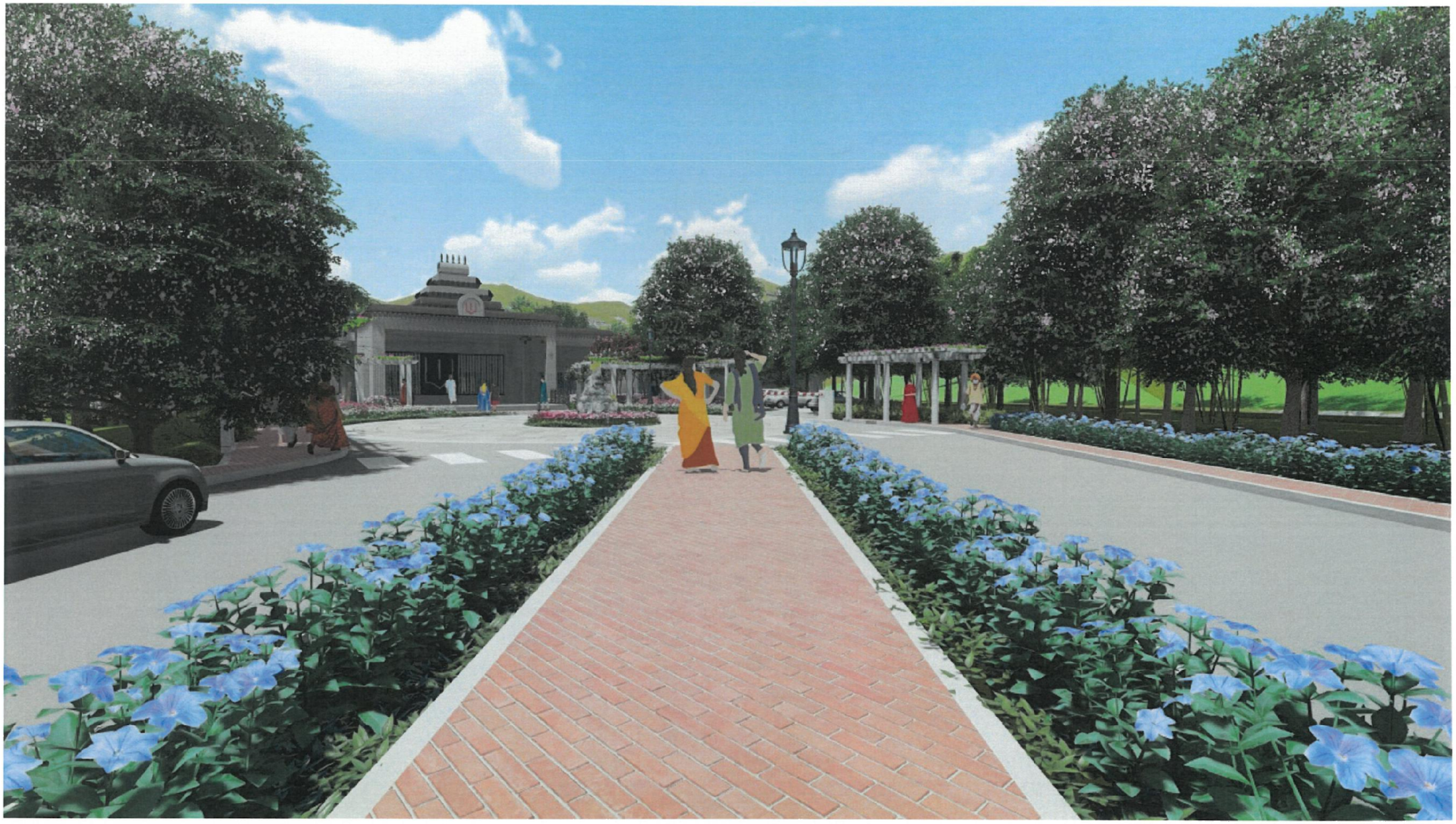
LANDSCAPE ARCHITECTS

ROCK OUTCROP R&A

Ravikumar and Associates

VIEWS



ARCHITECTS

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SAJITH & VIVEK ARCHITECTS LLP

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LANDSCAPE ARCHITECTS

RaA Ravikumar and Associates

1.6 PROJECT 3

PROJECT NAME: Eco Tourism at Pichavaram

TEAM: Ar.Ravikumar Narayan, Ar.G.P.Jebalin, Ar.Jenish Sundar, Sanjeev Sivakumar.

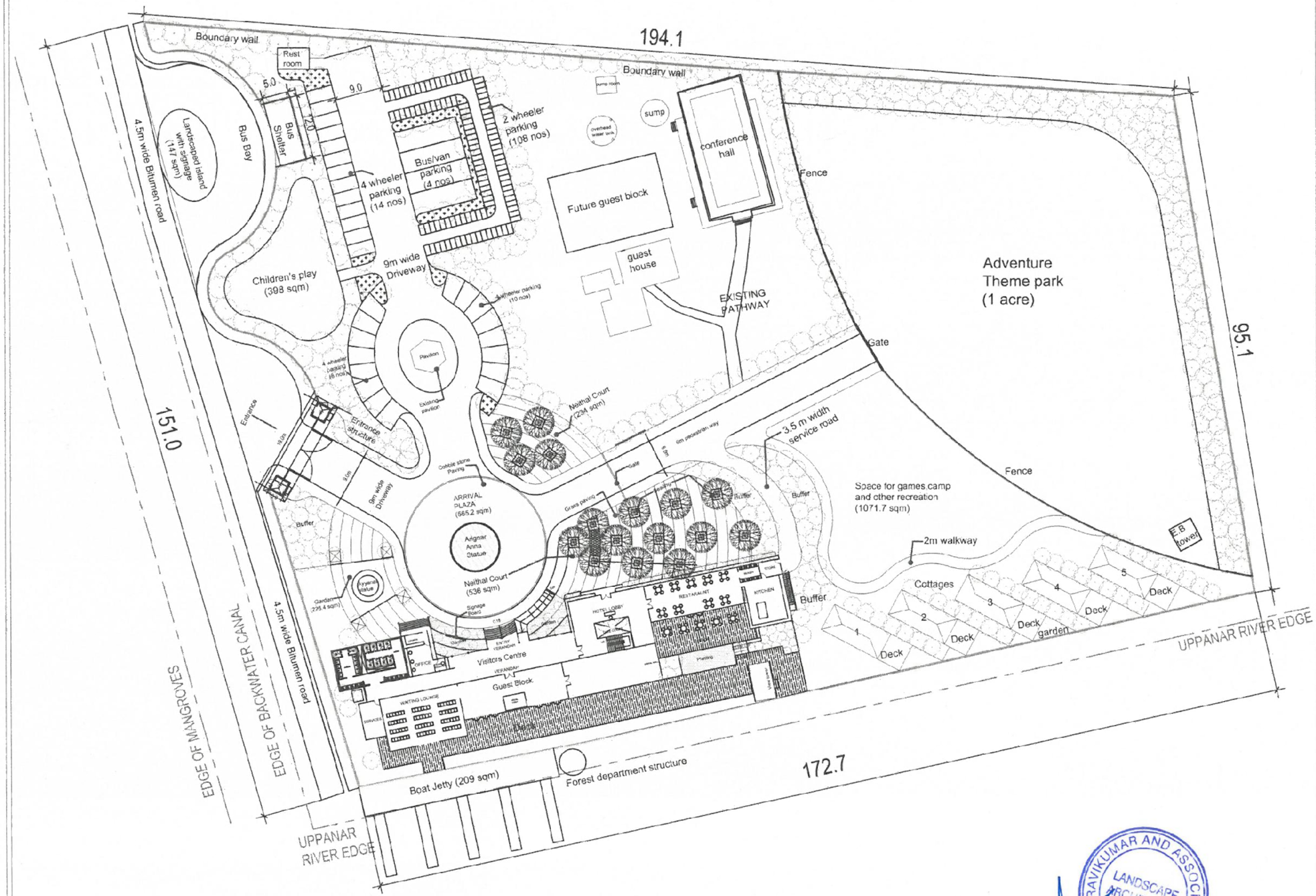
SITE LOCATION: Pichavaram, Tamil Nadu

PROJECT STATUS: Design Development and on-going Construction

WORK DONE: 1. Schematic Design Drawings

Detailed Drawings

Presentation



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CLIENTS

tamil Nadu tourism Development Corporation Ltd.

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L: + 91 - 44 - 22342846 E: mtaarodesigns@gmail.com W: www.mtaarch.com

Project:

ECO TOURISM CENTER

PICHAVARAM

Drawing Title:

Master Plan

Job.no:950/21	Drawn:Sanjeev	North:	CHK BY:
Drg.no:LA - 01	Date:04.05.2022 Scale: 1:350		RKN GPS

File name :

Z:_PROJECTS\Pichavaram\Drawings\Dwg01 - CONCEPTNOV - ISSUED\LA 01 - MASTERPLAN\LA - 01 Landscape Masterplan (27.04.22)

Landscape Architects

RaA LANDSCAPE ARCHITECTURE ENVIRONMENTAL DESIGN MASTER PLANNING

Ravikumar and Associates

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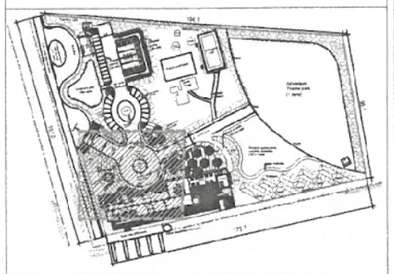
KEY PLAN



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L +91 44 - 22342848 E mtaarcdesigns@gmail.com W www.mtaarch.com

PROJECT ECO TOURISM CENTER
PICHAVARAM

DRAWING TITLE
ARRIVAL PLAZA AND NEITHAL COURT

Job.no :950/21	Drawn : Sanjeev	North :	CHK BY :
Drg.no:LA - 02	Date : 04.05.2022	Scale: 1:150	GPJ

FILE NAME :
Z:\1 PROJECTS\Pichavaram\Drawings\Our Dwg\1 - CONCEPT\NON - ISSUED\LA 01 - MASTERPLAN\LA - 01 Landscape Masterplan (27.04.22)

LANDSCAPE ARCHITECTS

RaA Ravikumar and Associates
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL DESIGN
MASTER PLANNING
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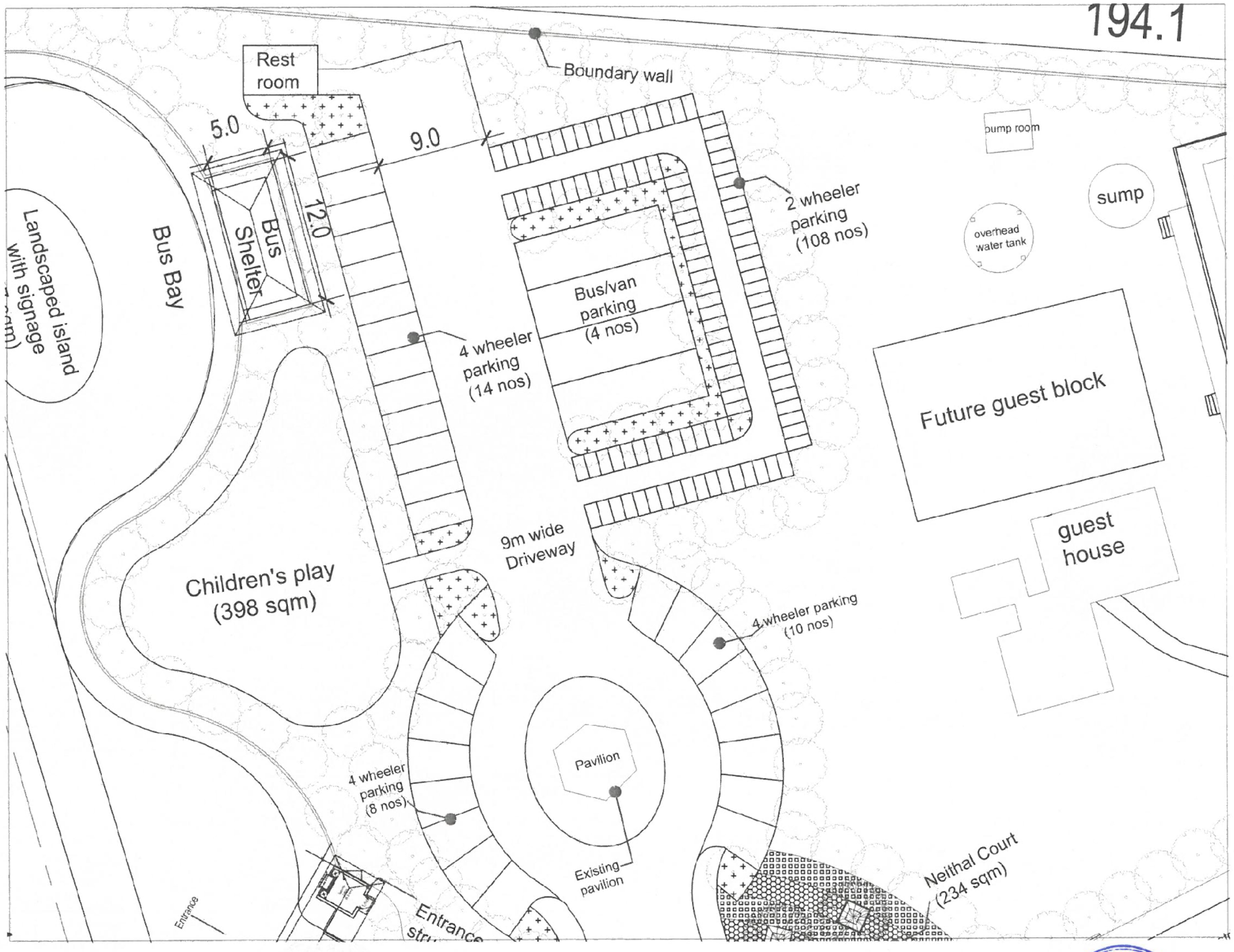

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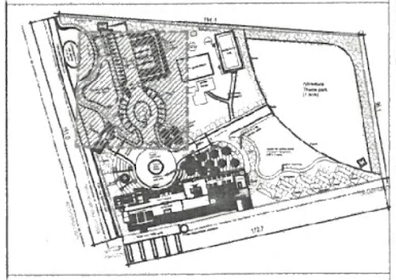

CLIENTS

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ARCHITECTS

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L: +91 - 44 - 22342848 E: mtaarcdesigns@gmail.com W: www.mtaarch.com

PROJECT ECO TOURISM CENTER
PICHAVARAM

DRAWING TITLE
PARKING ZONE

Job.no :950/21	Drawn : Sanjeev	North :	CHK BY :
Drg.no:LA - 03	Date : 04.05.2022	Scale: 1:150	GPJ

FILE NAME :
Z:\1.PROJECTS\Pichavaram\Drawings\Our Dwg\1 - CONCEPT\NON - ISSUED\LA 01 - MASTERPLAN\LA - 01 Landscape Masterplan (27.04.22)

LANDSCAPE ARCHITECTS

RaA
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ENVIRONMENTAL DESIGN
MASTER PLANNING
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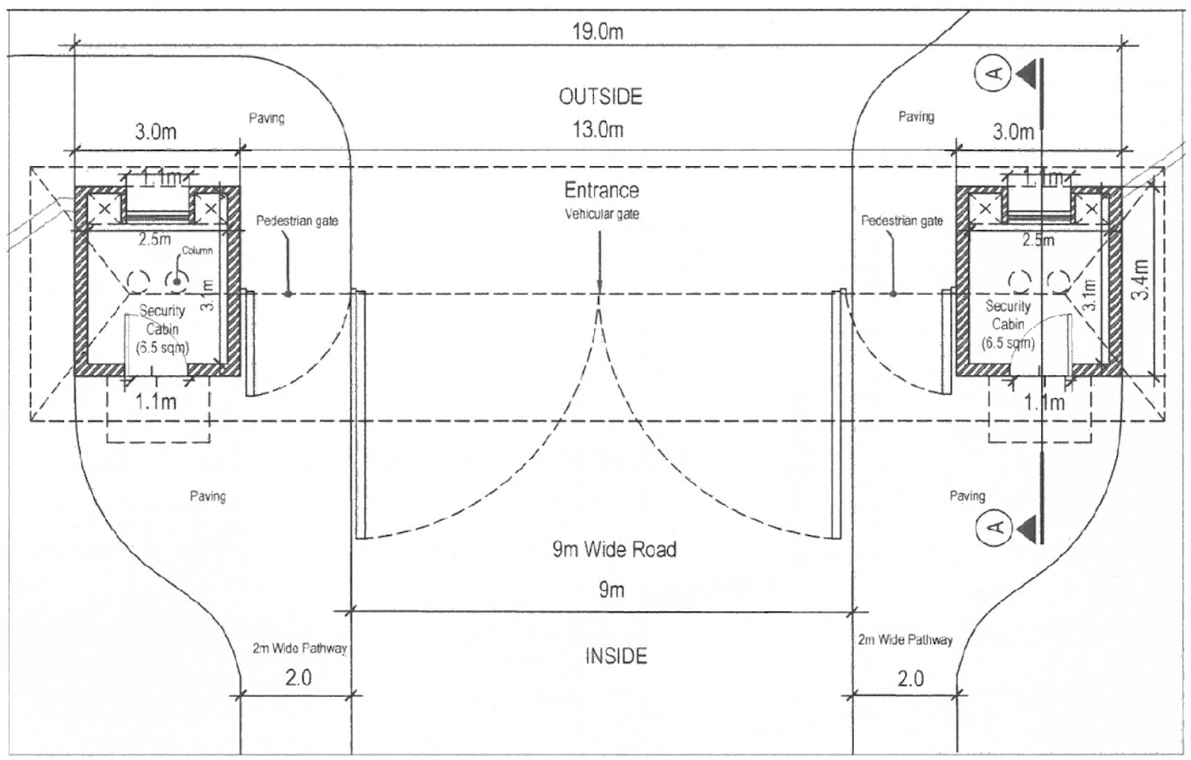
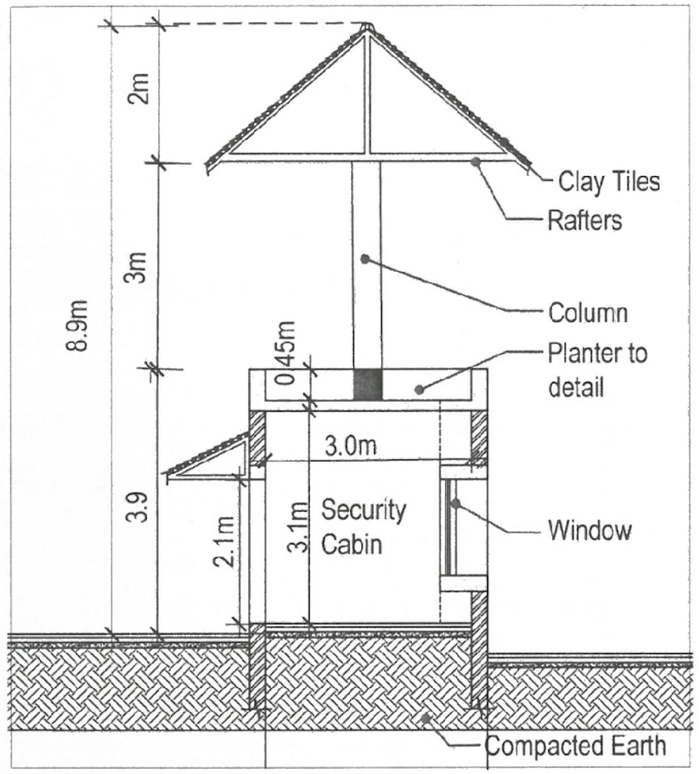
RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15



Plan (Scale: 1:50)



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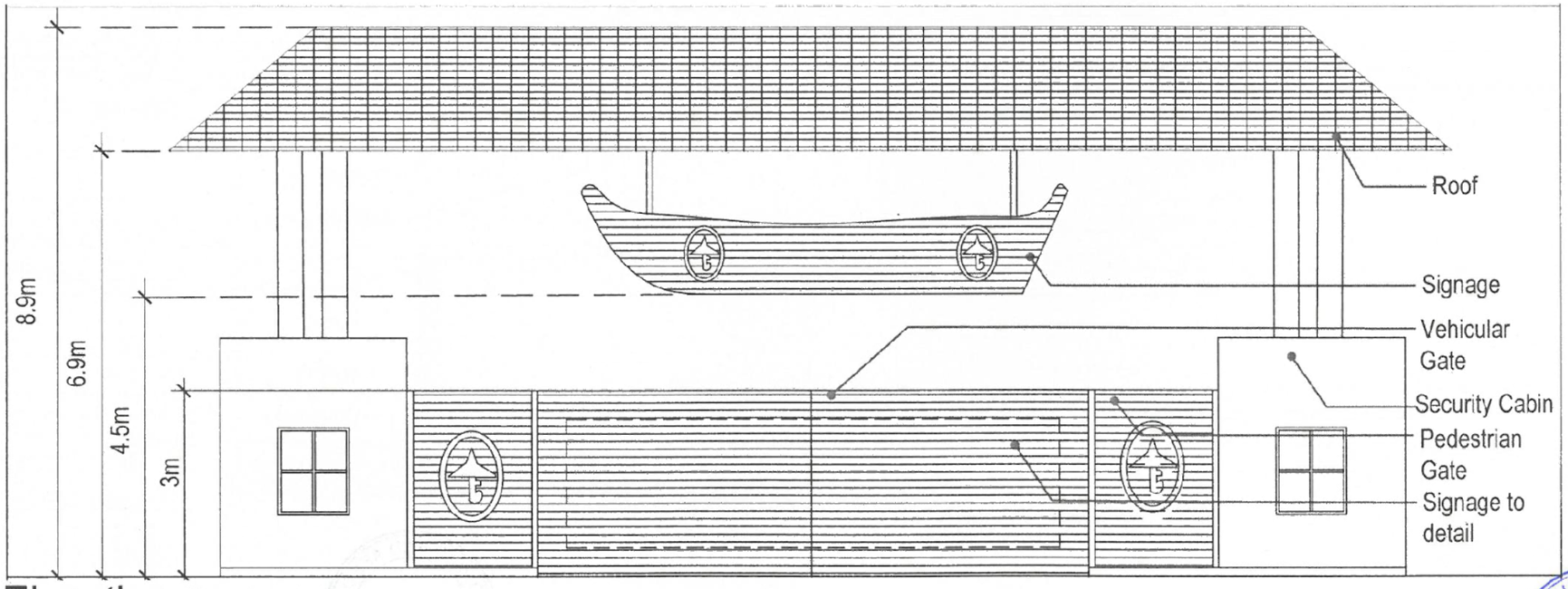

Elevation (Scale: 1:40)

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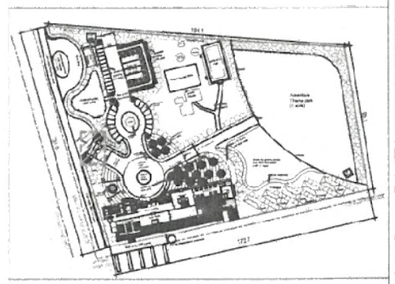
The details furnished in this drg. are for this PROJECT only

DRAWING STATUS	
SCHEME FOR APPROVAL	
ONLY FOR TENDER	
ADVANCE COPY	✓

Note:

1. All dimensions are in millimeters.
2. All levels are in meters.
3. All levels indicated are finished levels.
4. Only written dimensions to be followed.
5. Refer STRUCTURAL CONSULTANT'S drawings & details for all Landscape structural works including FOUNDATIONS,SUB BASES all other structural elements including ROOF Water proofing,other related works and also Road works, retaining walls etc.
6. Refer MEP Consultant's drawing/details for all Outdoor MEP Works including Storm water drains, catch basins, swales, RWP etc/ Electrical routing & other entities including relatec levels etc.
7. For items mentioned as 'Vendors shop drawings' shall be vetted by the Landscape Architect before execution.
8. Any discrepancies noticed in the drawing or with the site condition shall be brought to the notice of the Landscape Architect & Architect immediately.

KEY PLAN



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PROJECT ECO TOURISM CENTER
PICHAVARAM

DRAWING TITLE
ENTRANCE STRUCTURE
DETAILS

Job.no :950/21	Drawn : Sanjeev	North	CHK BY :
Drg.no:LA - 04	Date : 04.05.2022	Scale: As mentioned	GPJ

FILE NAME :
Z:\1 PROJECTS\Pichavaram\Drawings\Our Dwg\1 - CONCEPTNON - ISSUED\LA 01 - MASTERPLAN\LA - 01 Landscape Masterplan (27.04.22)

LANDSCAPE ARCHITECTS

RaA LANDSCAPE ARCHITECTURE · ENVIRONMENTAL DESIGN · MASTER PLANNING
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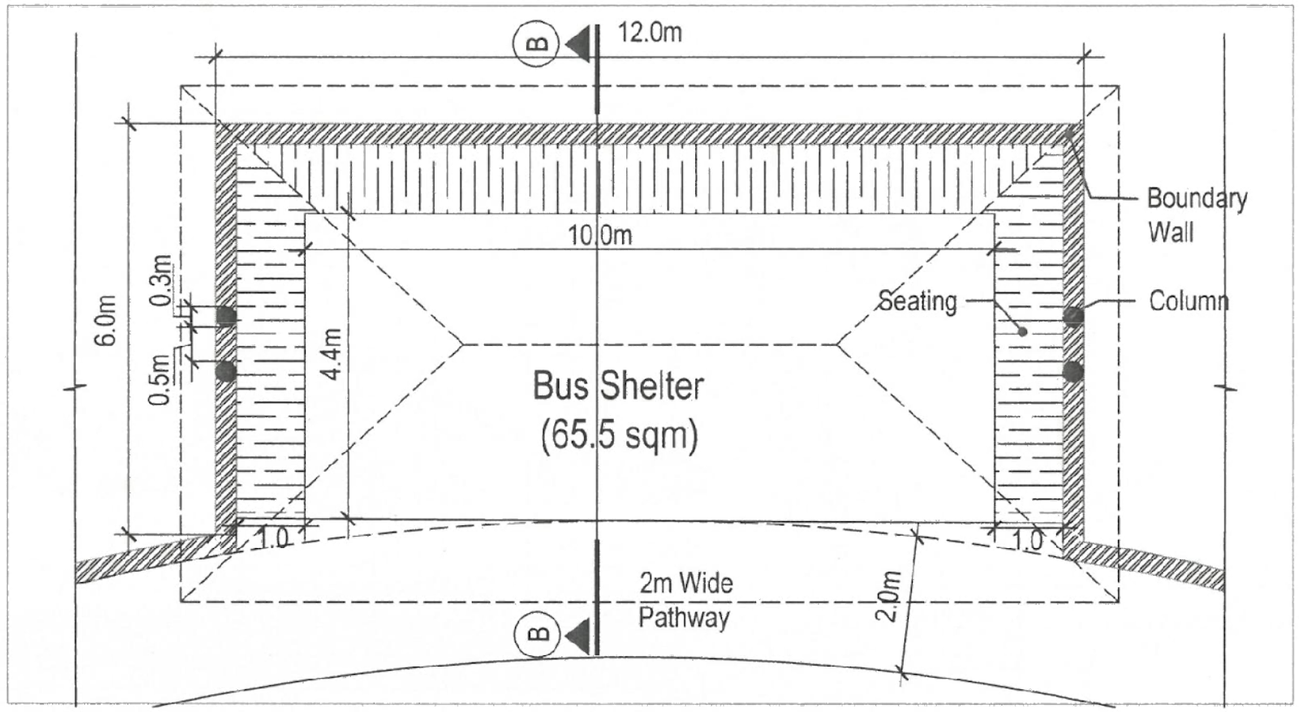
P: +91 44 22353350 / +91 44 22353308 / ravi@ravikumarassociates.net / www.ravikumarassociates.net

RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15



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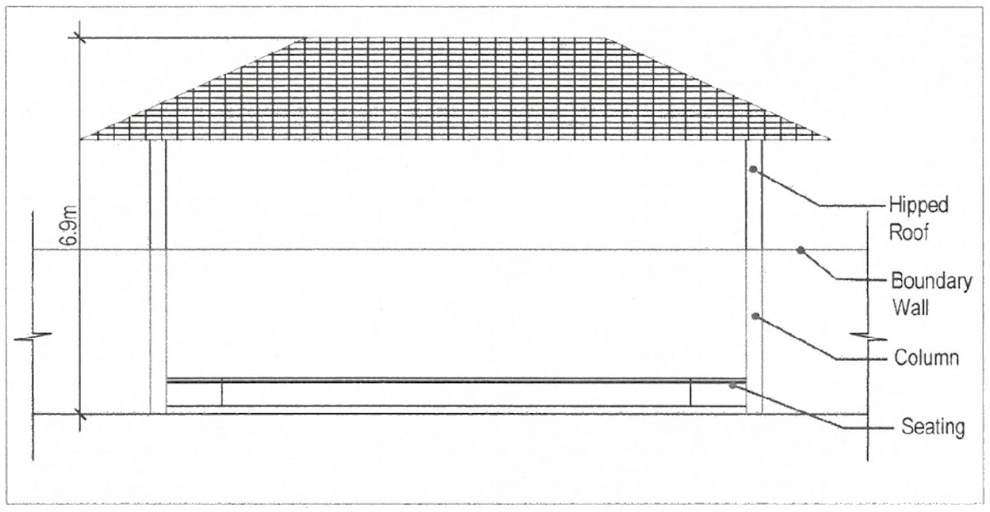

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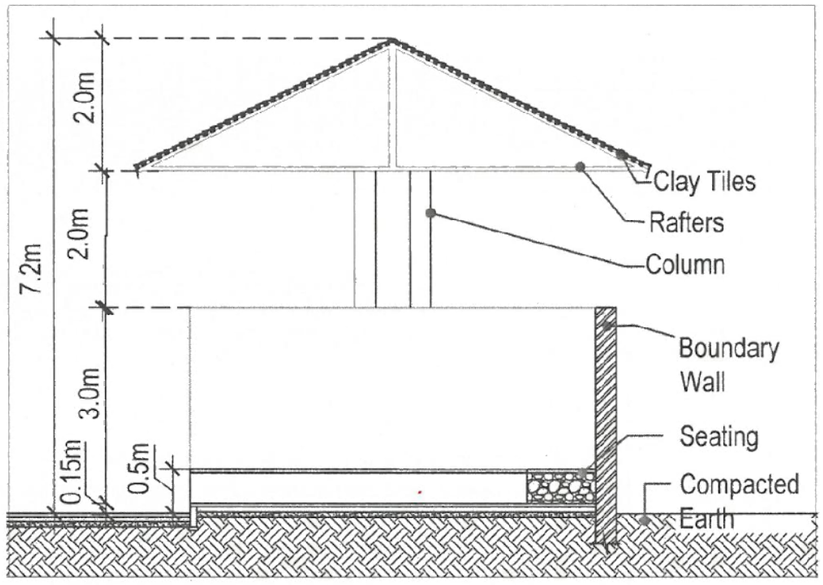

Section (Scale: 1:40)

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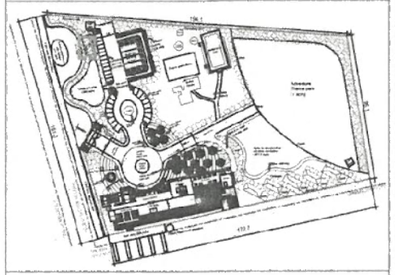

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PROJECT ECO TOURISM CENTER
PICHAVARAM

DRAWING TITLE
BUS SHELTER
DETAILS

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RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

1.8 PROJECT 4

PROJECT NAME: Propel Residence at Coimbatore

TEAM: Ar.Ravikumar Narayan, Ar.G.P.Jebalin, Ar.Jenish Sundar, Sanjeev Sivakumar.

SITE LOCATION: Coimbatore, Tamil Nadu

PROJECT STATUS: Under Construction

WORK DONE: 1. Presentation

LANDSCAPE VIEW

LEVEL 1- OUTSIDE EASTERN BOUNDARY

ARCHITECTS

.warp Wallersh Architectural Research and Practice

PROPEL RESIDENCE
AT COIMBATORE

RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

LANDSCAPE ARCHITECTS

RaA Ravikumar and Associates

LANDSCAPE VIEW

LEVEL 1 - ENTRANCE GARDEN

KEY PLAN

ARCHITECTS

.warp Walkerth Architectural Research and Practice

PROPEL RESIDENCE

AT COIMBATORE

RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

LANDSCAPE ARCHITECTS

RaA Ravikumar and Associates

LANDSCAPE VIEW

LEVEL 1 - ENTRANCE GARDEN

ARCHITECTS

.warp Walkroth Architectural Research and Practice

PROPEL RESIDENCE
AT COIMBATORE

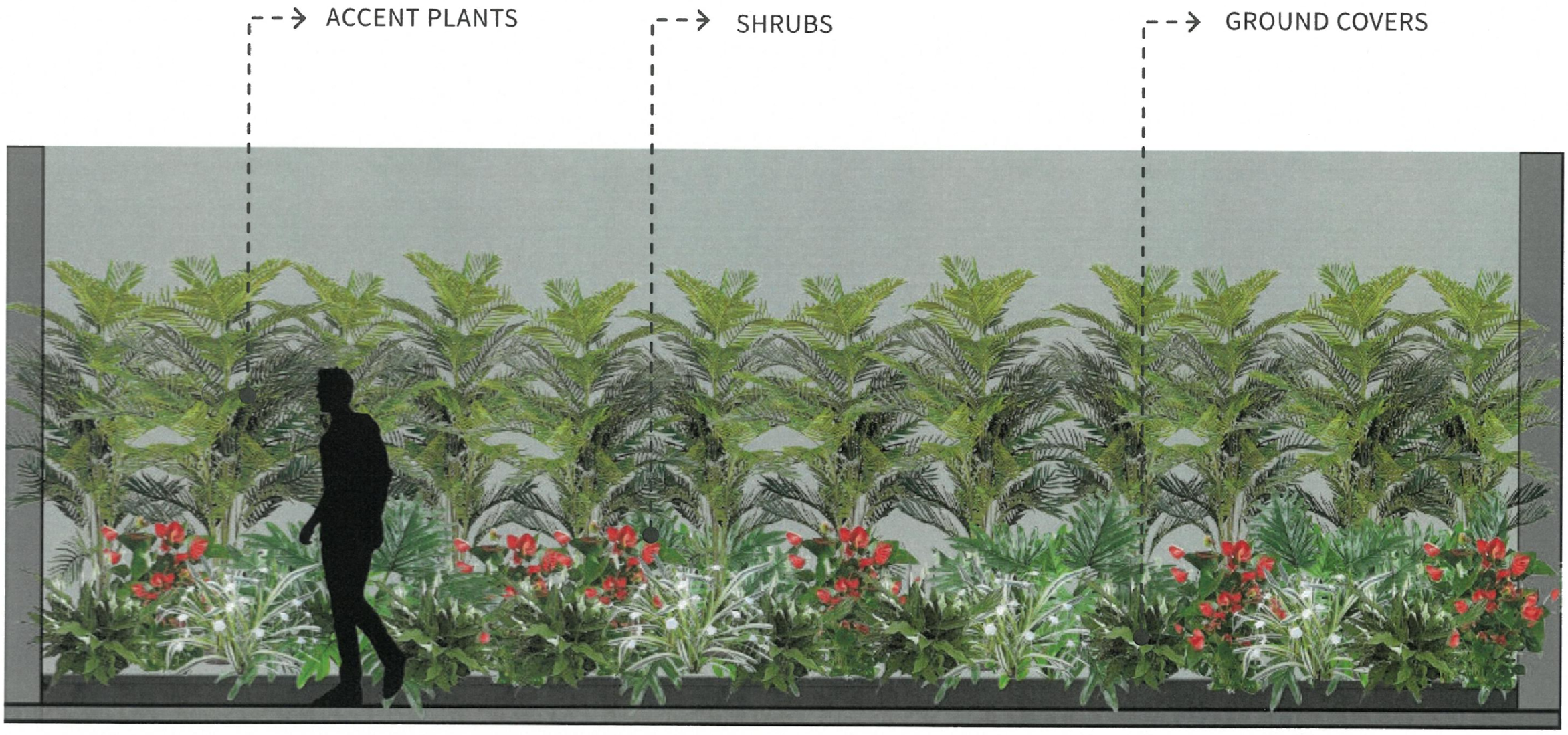
RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

KEY PLAN

LANDSCAPE ARCHITECTS
RaA
Ravikumar and Associates

ELEVATION

LEVEL 2 - POOJA GARDEN



ARCHITECTS

.warp Walkerth Architectural Research and Practice

PROPEL RESIDENCE

AT COIMBATORE

RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

LANDSCAPE ARCHITECTS

RaA Ravikumar and Associates

LANDSCAPE VIEW

LEVEL 3 - TRANSITION COURTYARD

ARCHITECTS

warp

PROPEL RESIDENCE

AT COIMBATORE

RAVIKUMAR AND ASSOCIATES LANDSCAPE ARCHITECTS CHENNAI-15

LANDSCAPE ARCHITECTS

RaA

Ravikumar and Associates

CRITICAL OVERVIEW

Each and every project is a learning experience at RaA. Their friendly culture there gave me to explore so much in their firm. The project completion, Deadlines, Detailing all these gave me the understanding of the practical field.

Talking about the practical field, Unlike academic projects there are much more research and background work that we would be doing before proceeding into the design and execution. We would to checking for the availability of the material and check for the budget and then the design would be executed.

“Design is a back and forth process” this is the statement which was practiced during all the projects and the output is true to the statement which I was able to witness during my Internship period.

After a handful of client and Site visits, the final outcome of the design is delivered to be a master piece. Working on a project for designing and detailing it to execute it properly gives us a great pre-experience before we step into the actual feild. RaA gave me an opportunity to experience all areas of a complete design to complete my internship period in a wholesome manner.