

PROMOTERS

GOOD AND GRACE HOUSING ENTERPRISES

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PROJECT REPORT

The logo for NELVOY is displayed in large, bold, sans-serif capital letters. Each letter is a different color: N (blue), E (yellow), L (green), V (teal), O (purple), and Y (pink). To the left of the logo is a vertical grey bar.

NELVOY SURVEY NO.13 AND PULIKUNDRAM SURVEY NO: 115 & 116
THIRUKKALUKUNDRAM TALUK, KANCHEEPURAM DISTRICT.



TED B

The Eastern Design Builders

Mobile :91 8072943713

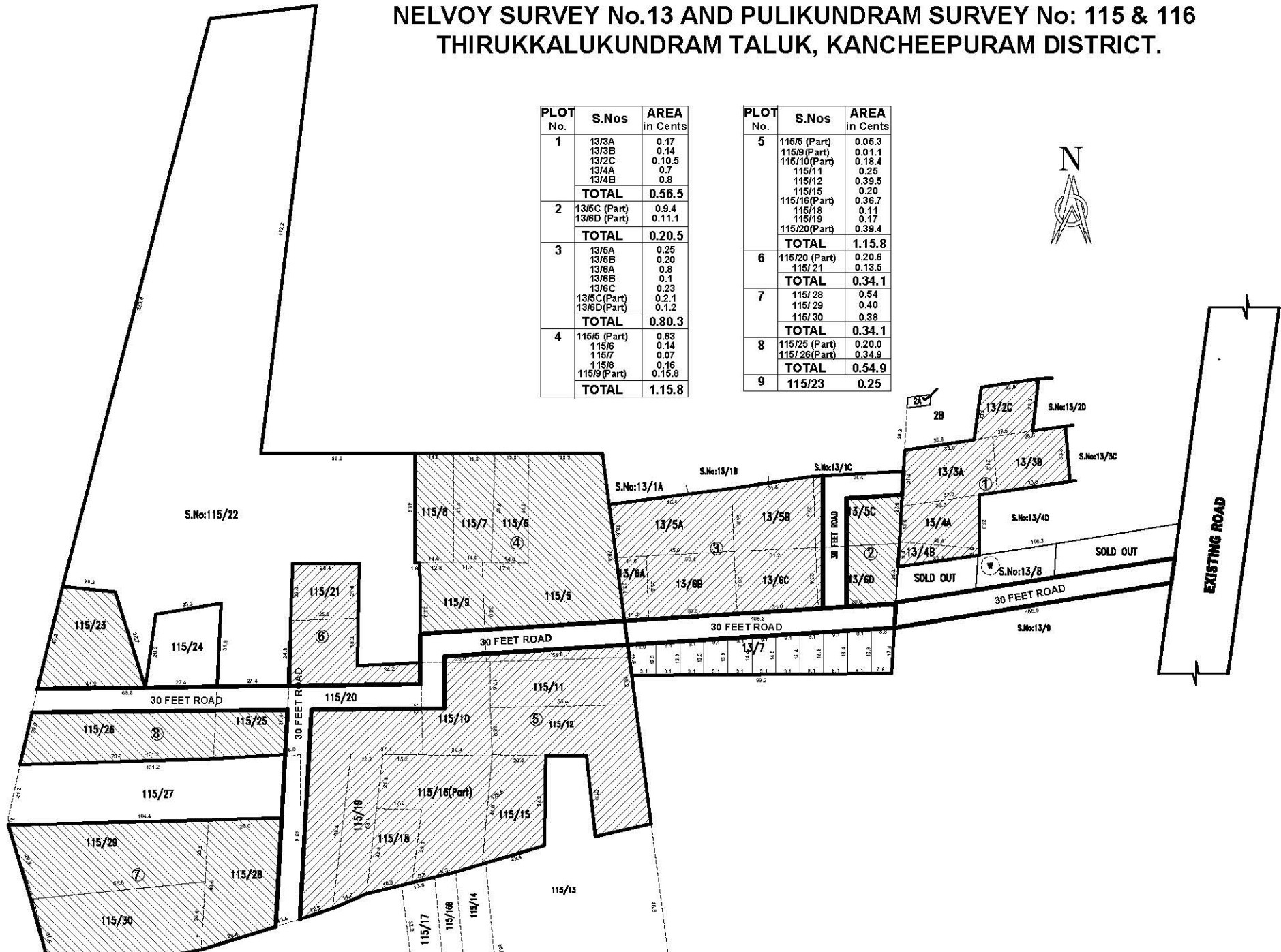
Email :easterndesignbuilders@gmail.com

Website :www.tedb.in

**PLAN SHOWING PUNJAY LAND AT
NELVOY SURVEY No.13 AND PULIKUNDAM SURVEY No: 115 & 116
THIRUKKALUKUNDAM TALUK, KANCHEEPURAM DISTRICT.**

PLOT No.	S.Nos	AREA in Cents
1	13/3A	0.17
	13/3B	0.14
	13/2C	0.10.5
	13/4A	0.7
	13/4B	0.8
	TOTAL	0.56.5
2	13/5C (Part)	0.9.4
	13/6D (Part)	0.11.1
	TOTAL	0.20.5
3	13/5A	0.25
	13/5B	0.20
	13/6A	0.8
	13/6B	0.1
	13/6C	0.23
	13/5C(Part)	0.2.1
	13/6D(Part)	0.1.2
	TOTAL	0.80.3
4	115/5 (Part)	0.63
	115/6	0.14
	115/7	0.07
	115/8	0.16
	115/9 (Part)	0.15.8
	TOTAL	1.15.8

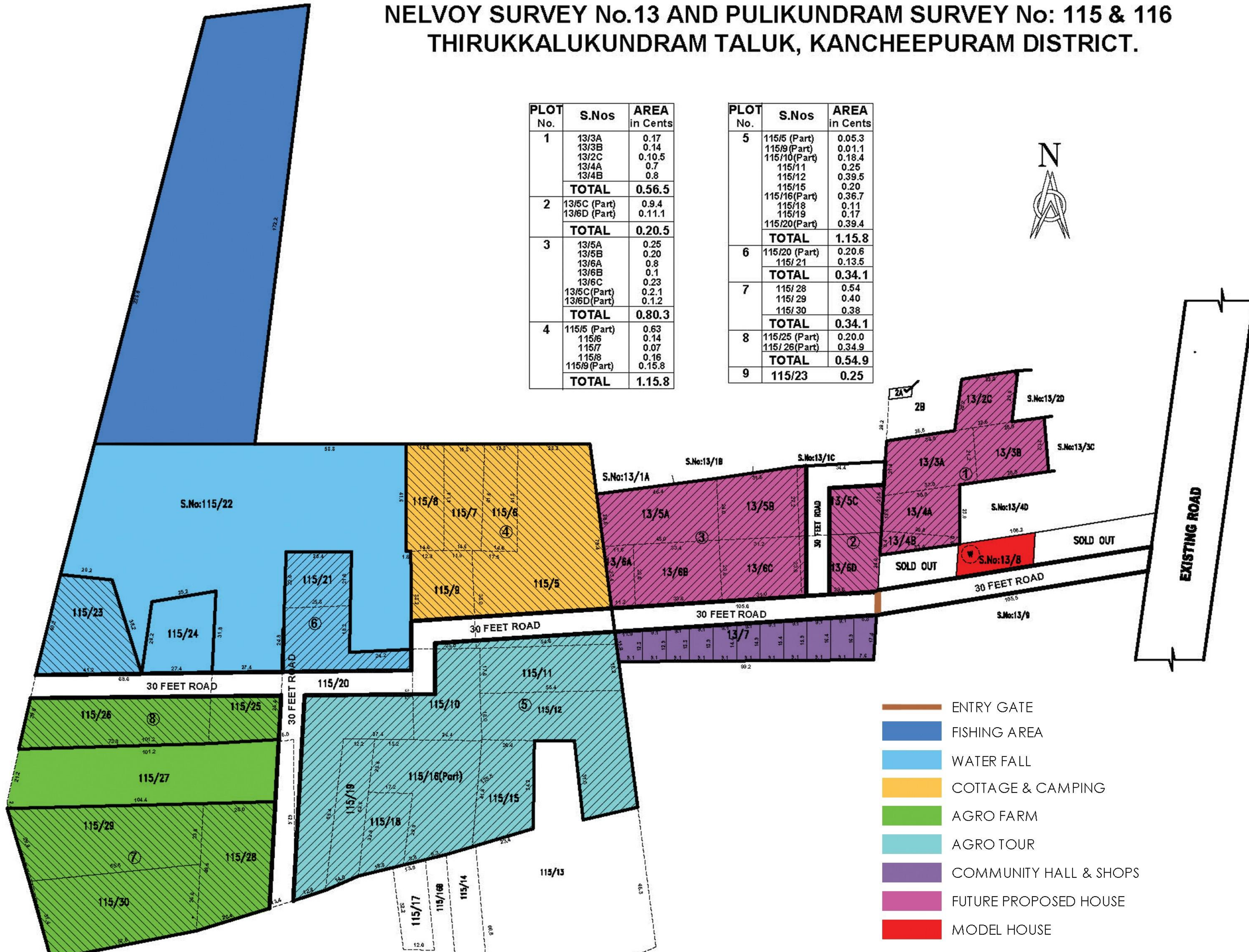
PLOT No.	S.Nos	AREA in Cents
5	115/5 (Part)	0.05.3
	115/9 (Part)	0.01.1
	115/10(Part)	0.18.4
	115/11	0.25
	115/12	0.39.5
	115/15	0.20
	115/16(Part)	0.36.7
	115/18	0.11
	115/19	0.17
	115/20(Part)	0.39.4
	TOTAL	1.15.8
6	115/20 (Part)	0.20.6
	115/ 21	0.13.5
	TOTAL	0.34.1
7	115/ 28	0.54
	115/ 29	0.40
	115/ 30	0.38
	TOTAL	0.34.1
8	115/25 (Part)	0.20.0
	115/ 26(Part)	0.34.9
	TOTAL	0.54.9
9	115/23	0.25



PLAN SHOWING PUNJAY LAND AT NELVOY SURVEY No.13 AND PULIKUNDRAM SURVEY No: 115 & 116 THIRUKKALUKUNDRAM TALUK, KANCHEEPURAM DISTRICT.

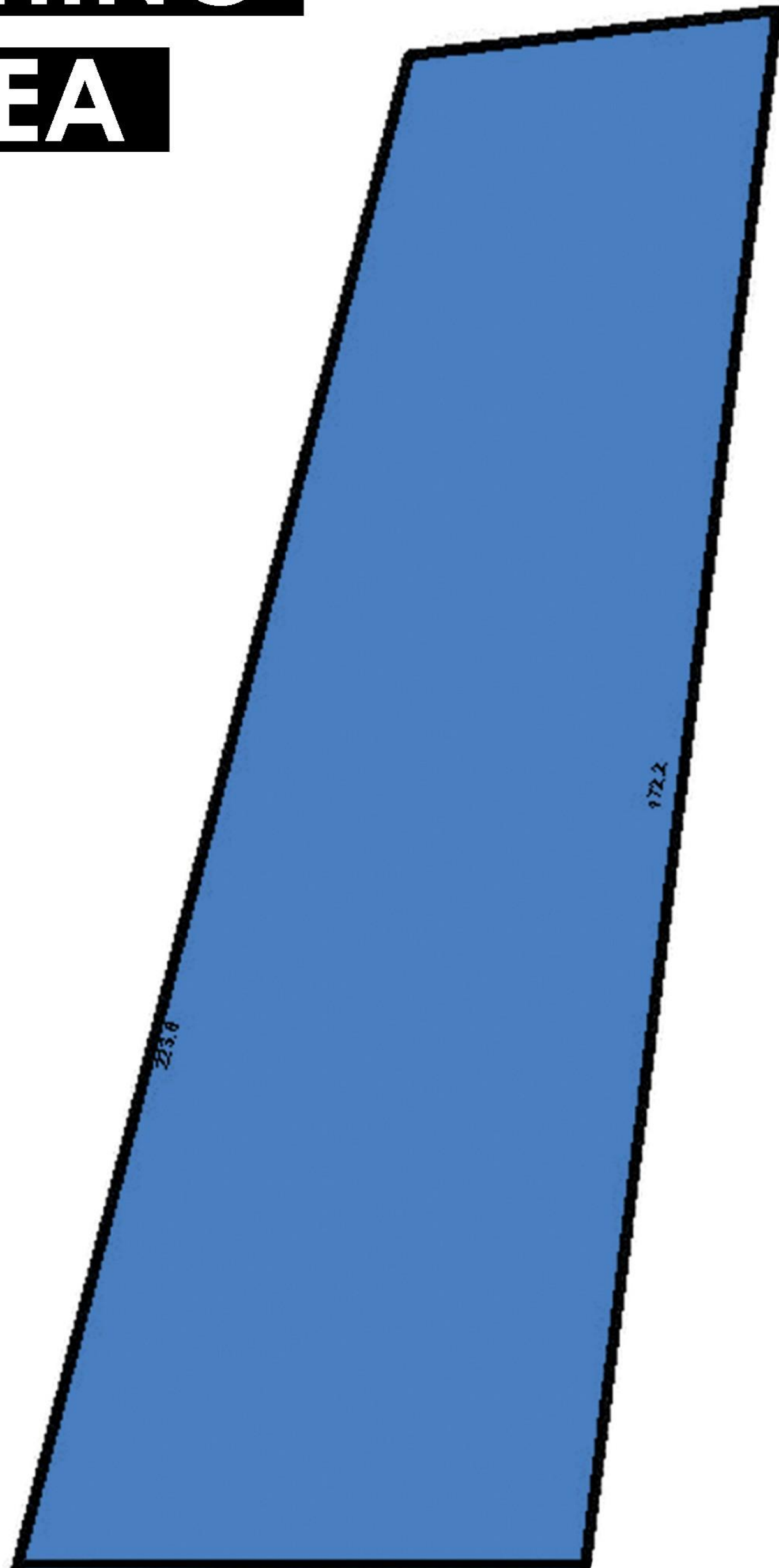
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	115/11	0.25
	115/12	0.39.5
	115/15	0.20
	115/16 (Part)	0.36.7
	115/18	0.11
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	115/29	0.40
	115/30	0.38
	TOTAL	0.34.1
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	115/26 (Part)	0.34.9
	TOTAL	0.54.9
10	115/23	0.25

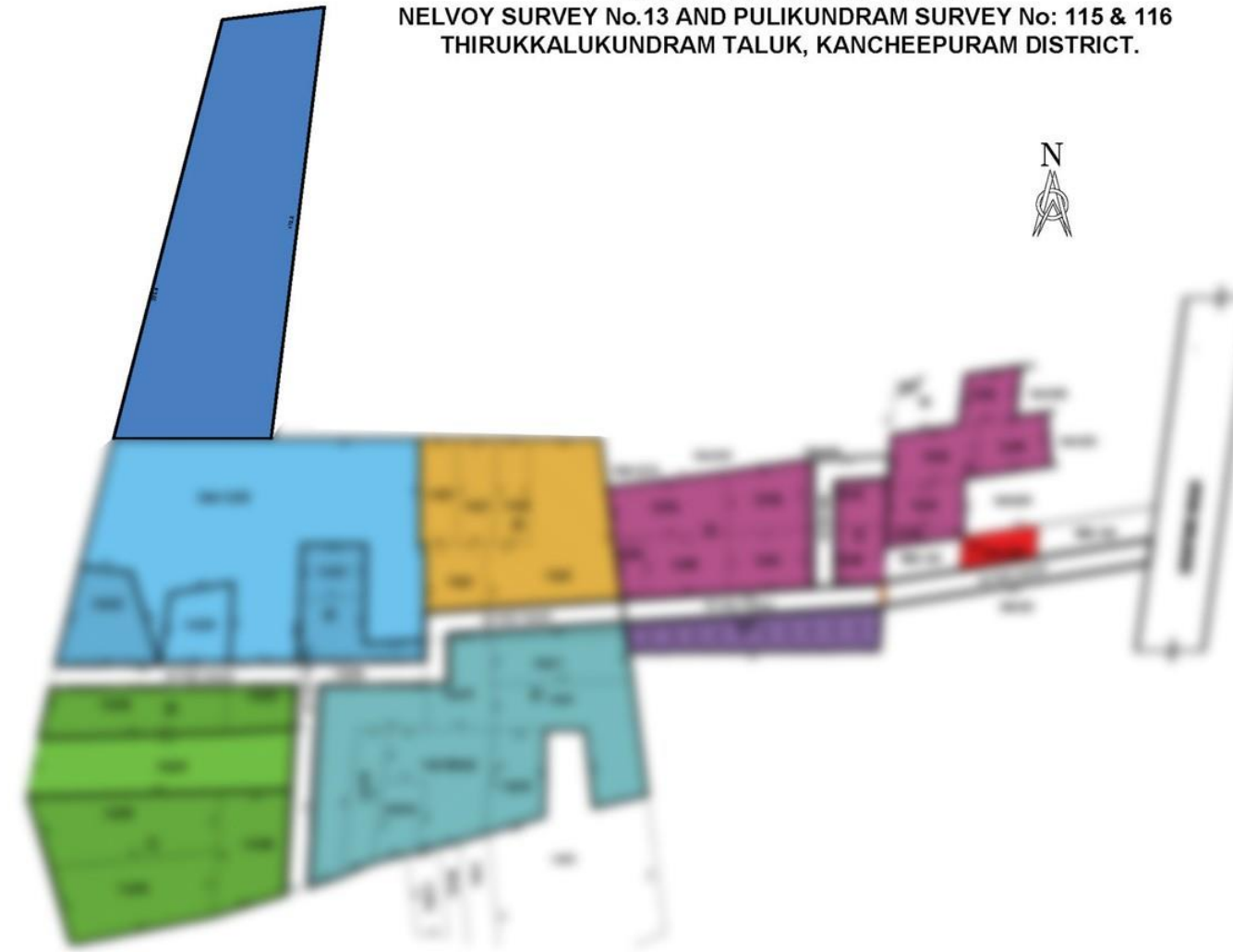


- ENTRY GATE
- FISHING AREA
- WATER FALL
- COTTAGE & CAMPING
- AGRO FARM
- AGRO TOUR
- COMMUNITY HALL & SHOPS
- FUTURE PROPOSED HOUSE
- MODEL HOUSE

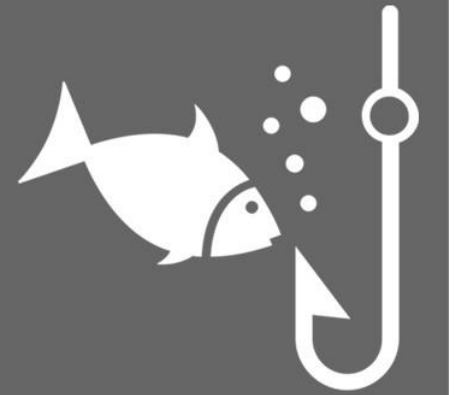
FISHING AREA



PLAN SHOWING PUNJAY LAND AT
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THIRUKKALUKUNDRAM TALUK, KANCHEEPURAM DISTRICT.



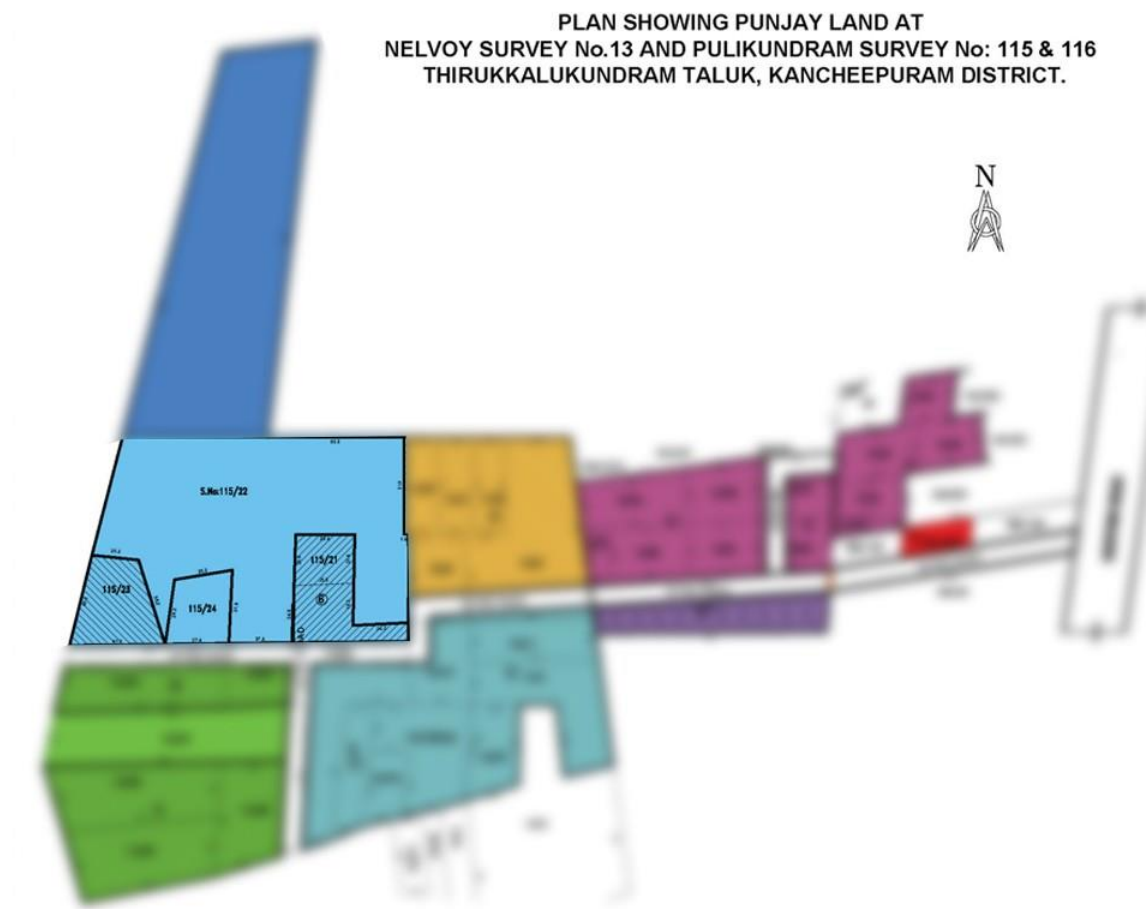
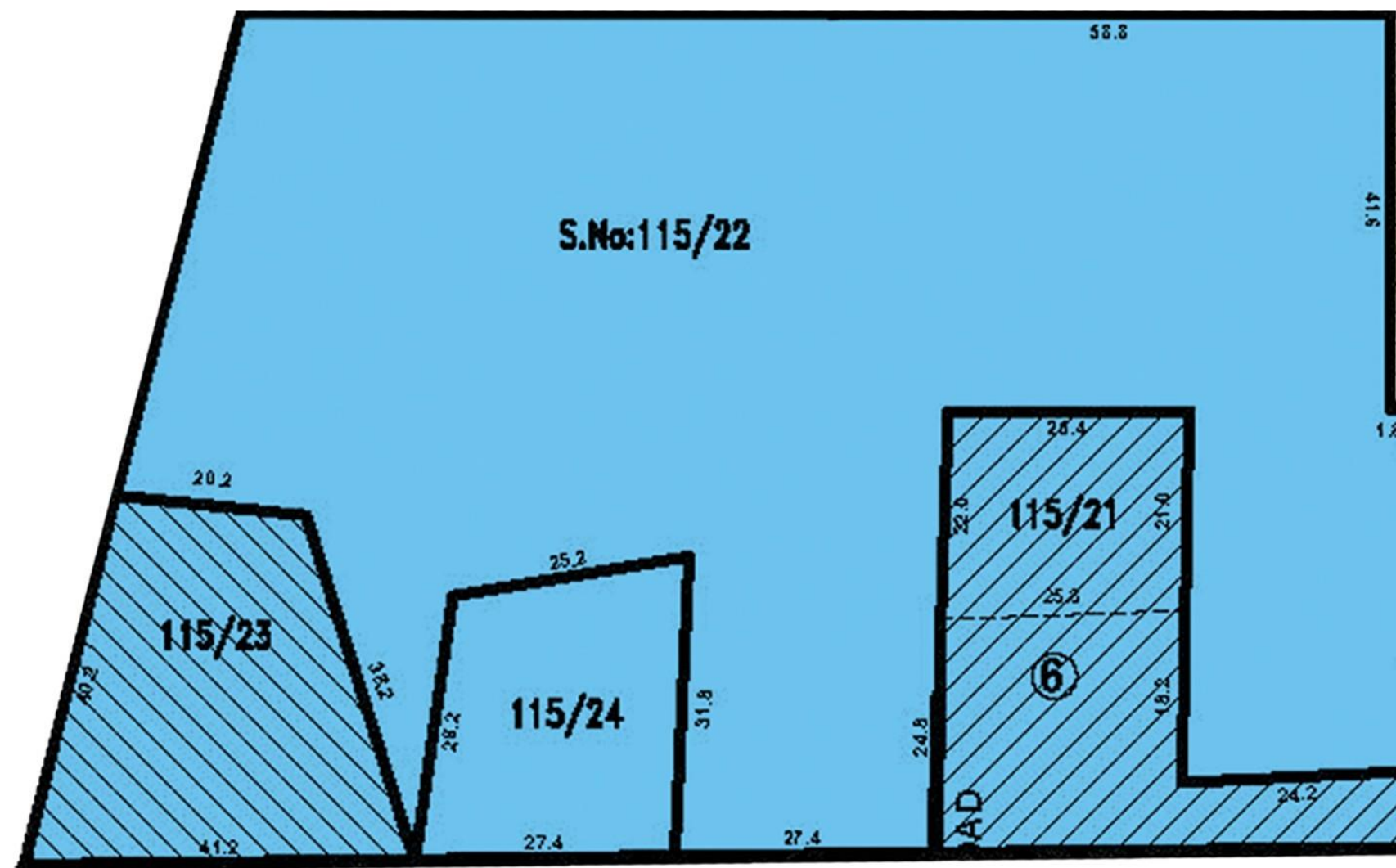
2.2 ACRE



- . Artificial lake
- . Fish feeding area
- . Deck area
- . Picnic spots
- . Boating
- . Gazibo's



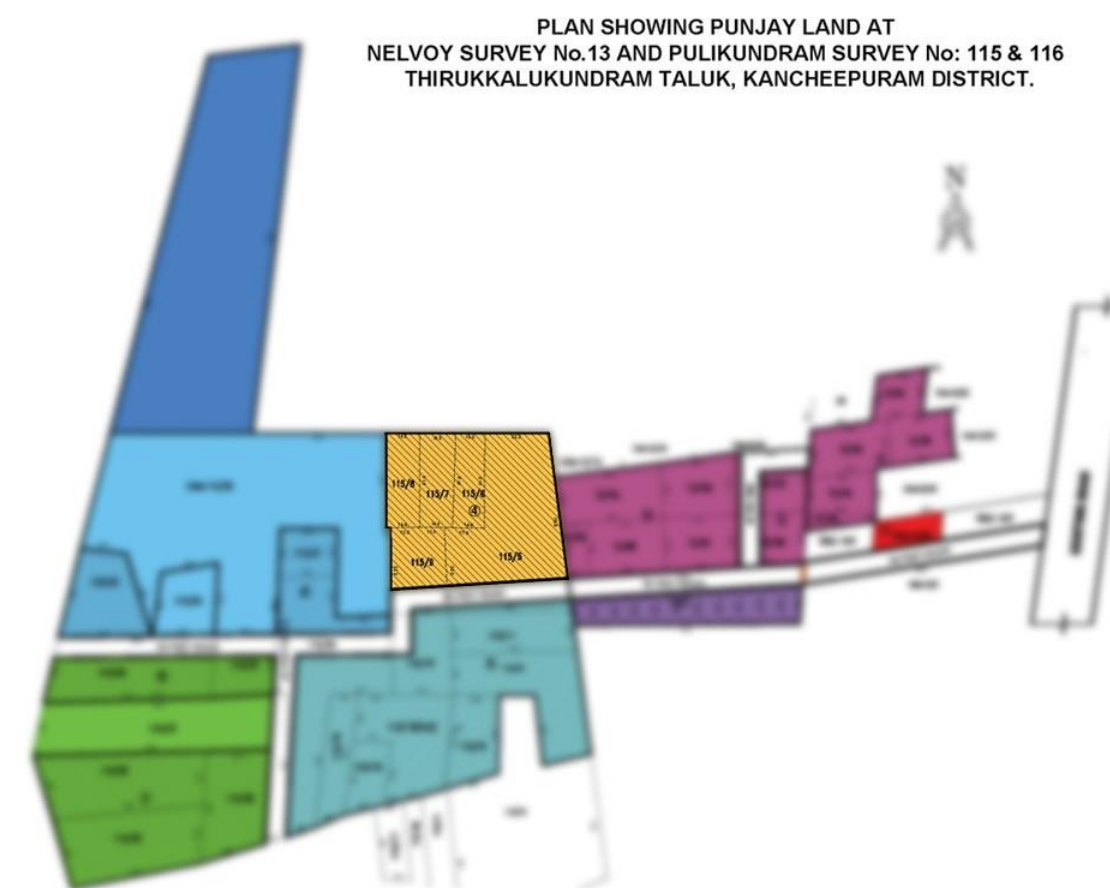
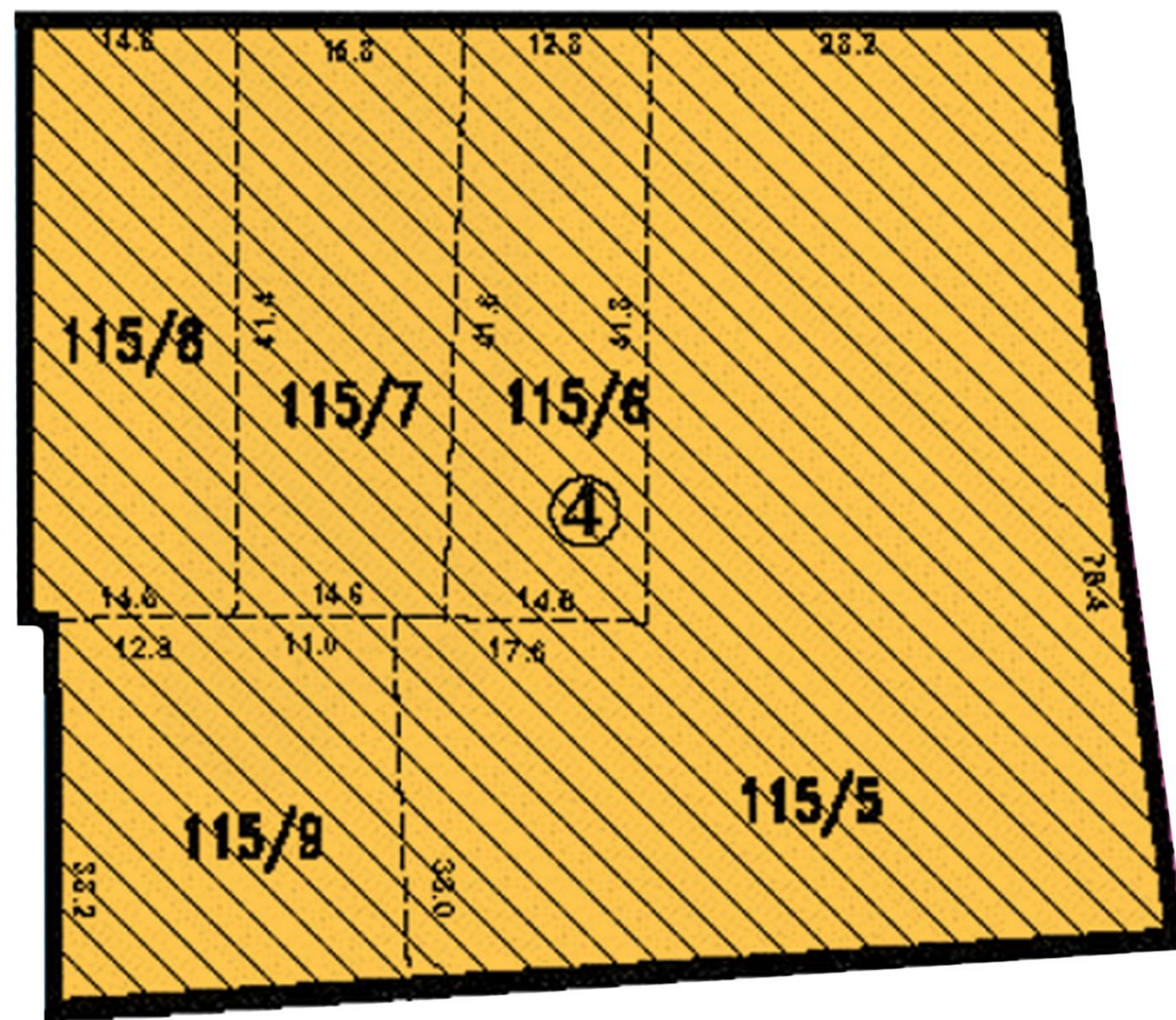
WATERFALL AREA



**3.0
ACRE**

- . Common bath area
- . Ladies & kids bath area
- . Wave pool area
- . Water filtration
- . Changing room
- . Shower area
- . Toilets
- . Cafe





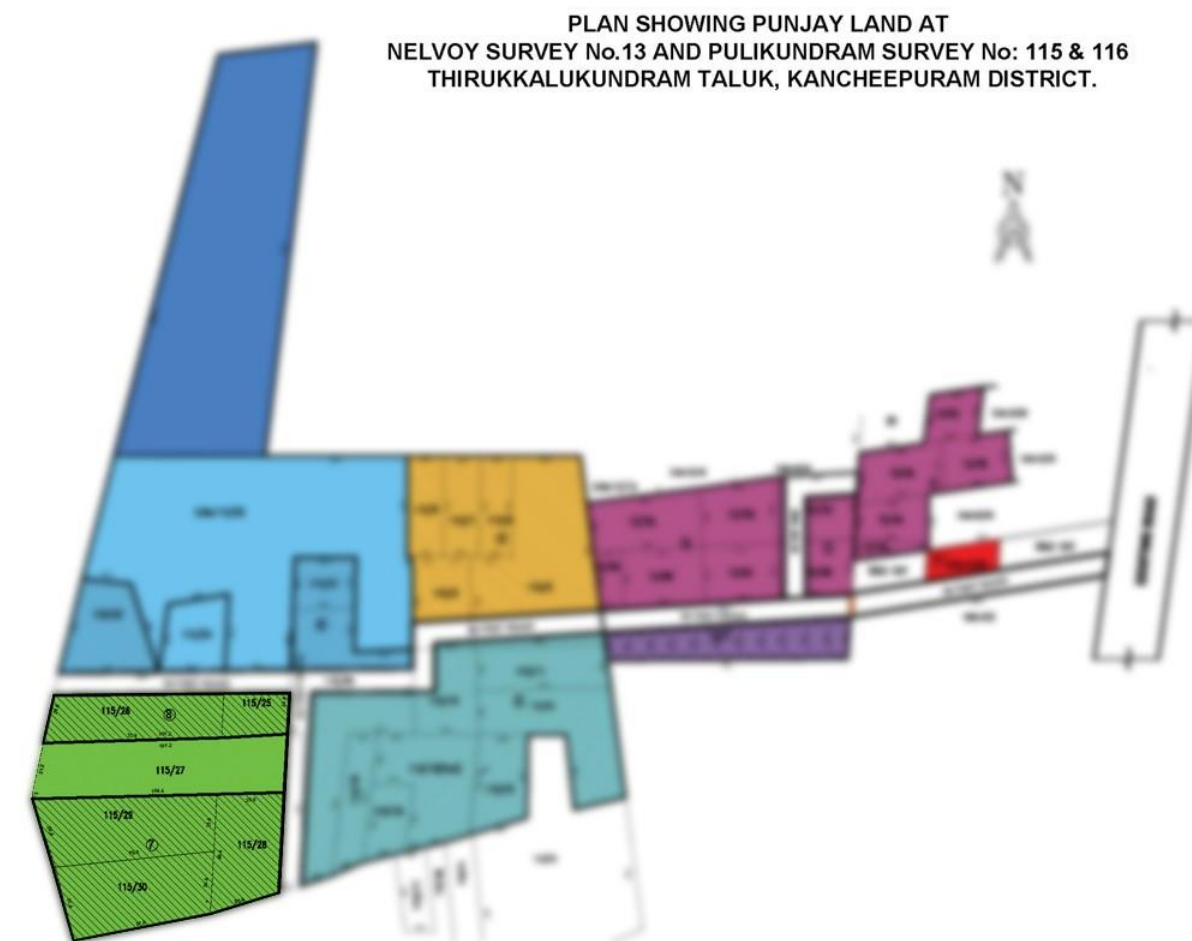
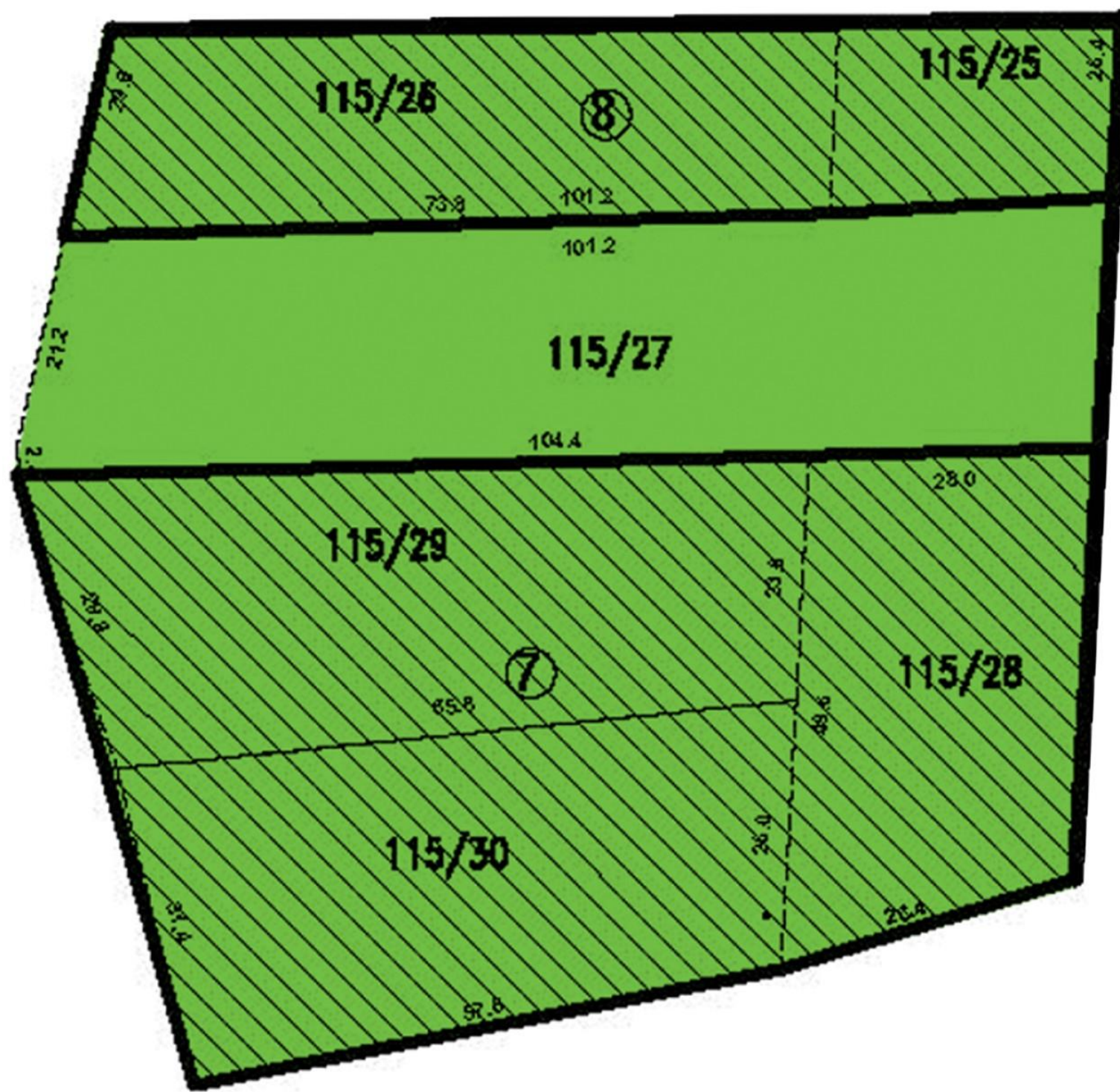
1.2 ACRE



COTTAGE & CAMPING

- . 12 cottages
- . 12 camps
- . Dometries
- . Department stores
- . Cafeteria
- . Cafe





**2.0
ACRE**

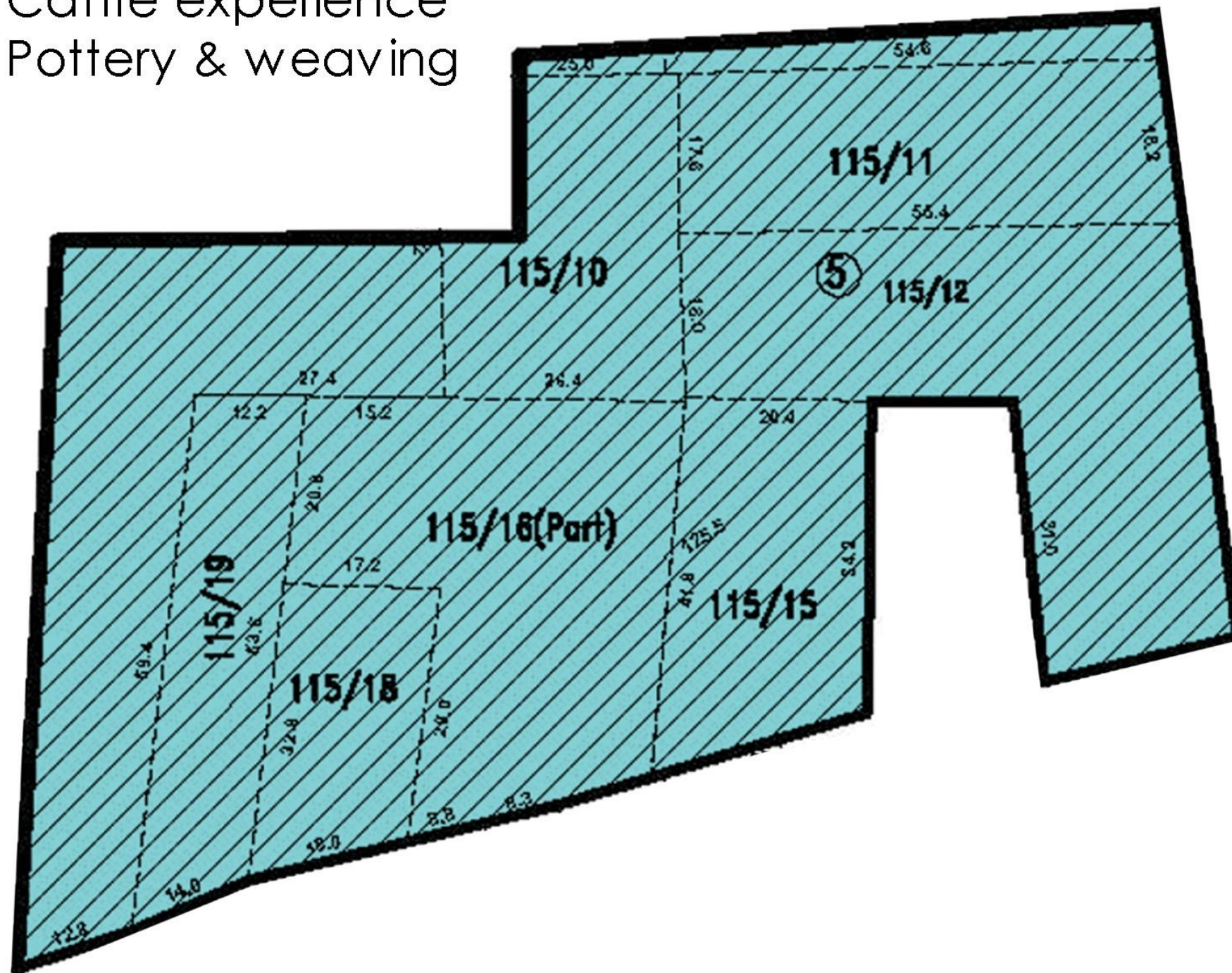


ARGO FARM AREA

- . Agriculture land
- . Live stock farm

ARGO TOUR AREA

- . Village kitchen
- . Village canteen
- . Organic market
- . Bullock cart ride
- . Tractor ride
- . Farming experience
- . Cattle experience
- . Pottery & weaving

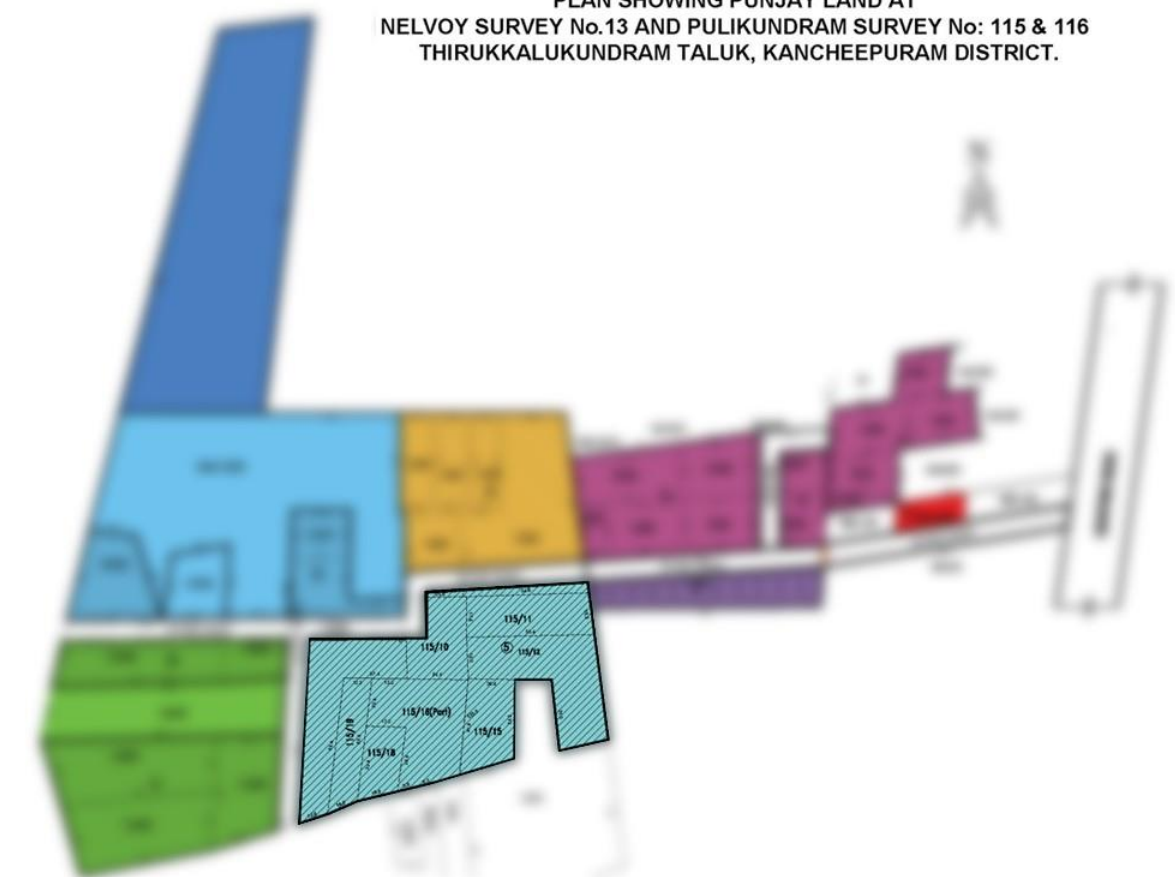


2.0
ACRE

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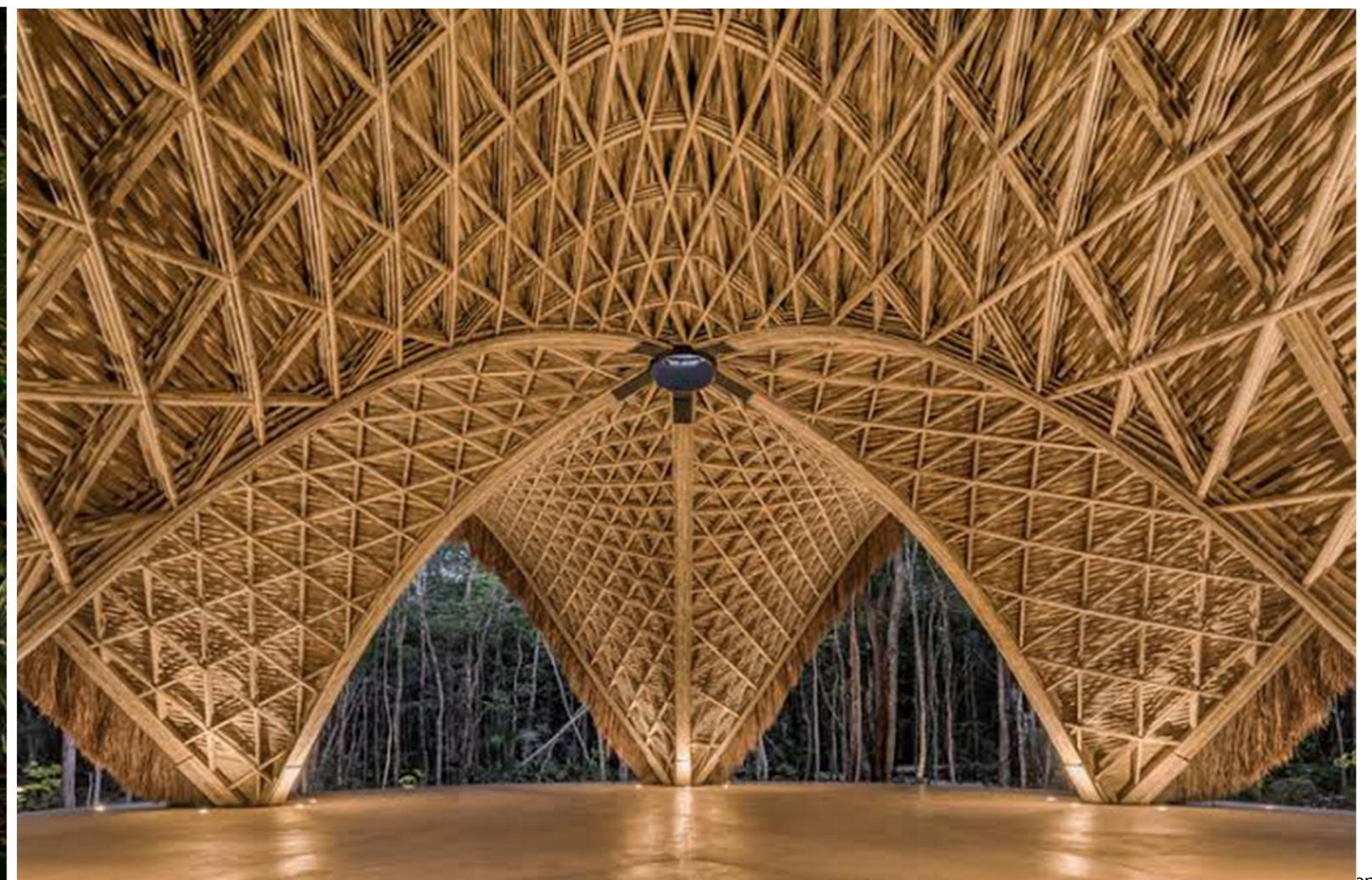


COMMUNITY HALL

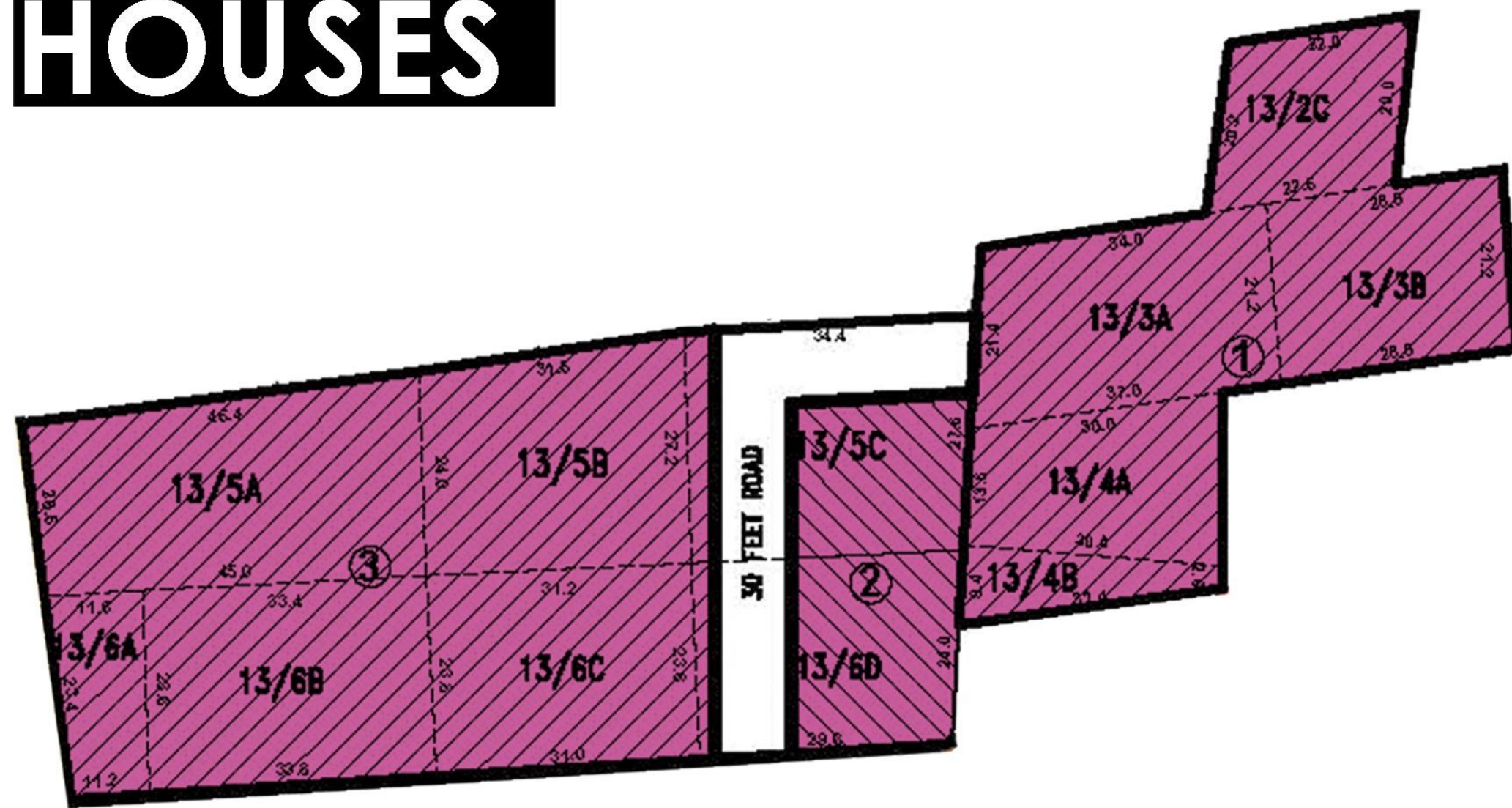
- . Civilian security area
- . Atm & Shops
- . Generators & Power backup
- . Meeting point
- . Admin office



0.3
ACRE



FUTURE PROPOSED HOUSES



1.8
ACRE



- . Private own villas
- . Gated community
- . Security & surveillance
- . Garden
- . Power backup
- . Solar powered street lights

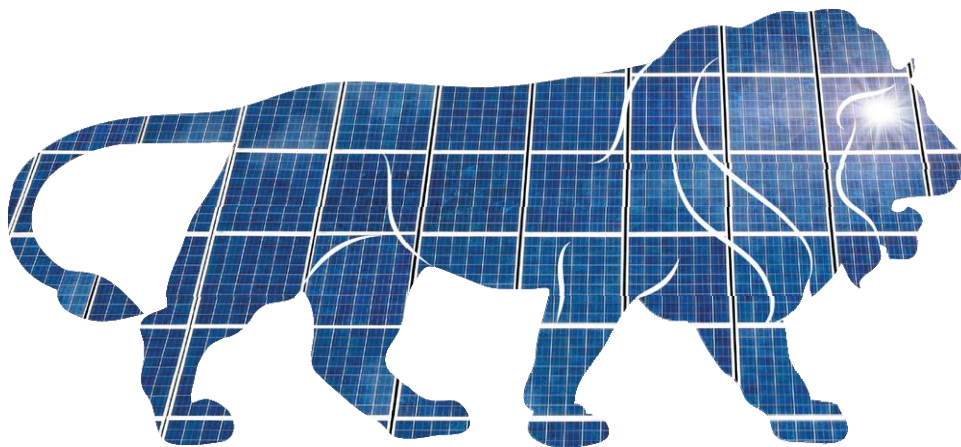
COST STATEMENT	
DESCRIPTION	AMOUNT
LAND COST	14 CR
CLEANING & LEVELLING	2 CR
SURVEY @ PLAN APPROVAL	2 CR
REGISTRATION CHARGES	3.5 CR
DOCUMENTATION CHARGES	1 CR
LAND IMPROVEMENT & OTHER FACILITIES	2.5 CR
AUTOMATION & OTHER AMENITIES	2 CR
CONSTRUCTION OF COMMERCIAL (60,000 SQ FT BUILT UP AREA * RS. 1800/- PER SQ-FT)	10.8 CR
VILLA CONSTRUCTION	11.1 CR
SOLAR SOLUTION (On/Off Grid)	2.1 CR
TOTAL (APPROXIMATION)	51 CR

NOTE:

- 1. The cost specified above its approximate calculation as per the details provided
By the client
- 2. The above cost includes material and labor required for the construction
- 3. Architectural consultation and other consultation charges are not included in
The cost given
- 4. The cost of water bodies to be constructed will be as per vendor
- 5. The Solar solution cost would vary based on requirement and PV quality

**PROPOSAL FOR Ground Mounting
(ON-GRID) SOLAR PV PROJECT**

**UNDER SOLAR ENERGY CORPORATION OF INDIA
ROOF-TOP POWER PLANTS PROGRAMME**



JOSE RENEWABLES

#14, Velu Naicker Street, 2nd Floor, Panaiyur – ECR

Chennai – 600 119, Tamil Nadu, INDIA

Ph: +91 91 765 77 227

Email: joser Renewables@gmail.com

JR-SOLAR

1

JOSE RENEWABLES

Solar On-grid Power Plant Program

JOSE RENEWABLES is committed to the development of the solar industry. Newly established in South India, the company owns and manages a portfolio of Canadian solar company's assets with a view to create a world-class integrated solar energy platform. We strive to achieve grid parity by leveraging our broad-based knowledge, expertise and technological excellence.

Recognizing the shift in future energy requirements and the potential of solar power, JOSE RENEWABLES has positioned itself at the forefront of a new energy axis. Our primary focus is on high quality, cost effective production and continuous improvement of solar efficiency and clean energy technology.

We at JOSE RENEWABLES integrate Canadian Solar technologies to attain maximum output and maintain highest standards. Few of the project portfolios include deploying them into

Our Emerging Customers

- Building developers / promoters
- **Education institutes / schools**
- NGOs and Private Trusts
- **Manufacturing firms / corporations**
- Multi-national companies
- **Solar park with Green Houses in NELVOY**

VALUES

JOSE RENEWABLES continues to build on our foundation of operating excellence by adhering to a strong set of core values that reflect what is truly important to us as a company. The values represent the pole star for our organization, a constant beacon by which we make our decisions, as a company and as individual employees, every day.

STRATEGY

Our vision is to be the leading energy delivery company in South INDIA. We deliver energy and we deliver value to shareholders.

JOSE RENEWABLES's strategies integrate numerous perspectives: macroeconomic conditions in INDIA and globally; evolving energy supply and demand fundamentals; changing customer demands; stakeholder expectations; and, naturally, competitor behaviours.

DEVELOPING NEW PLATFORMS FOR GROWTH

We are identifying and pursuing new platforms that can help us to diversify and sustain growth in the longer term in order to maintain **JOSE RENEWABLES's** historical growth rate.

- **Green Energy** – We have made strong progress in building our Green Energy business and while we continue to pursue solar energy projects, we are investigating opportunities in gas-fired generation and electrical transmission and distribution.

GOAL OF JOSE RENEWABLES COMPANY

Power Generation – state of the art PV and solar technologies – multiple sources

Storage – immediate transmission and long term

Smart Islanded Grid – can be connected to the main grid if needed.

Roof-top technologies for all HT consumers as per TN solar policy

HOW THE SOLUTION BENEFITS SOLAR BUSINESS

The expenses towards electricity for the educational institutions are very high while we compare the investment against infrastructure made. Besides, petrol / diesel usage would not be reduced without any technological development.

Average yearly payment made towards EB Bills, petrol, diesel, maintenance and services raised to **Rs. 1,82,80,000/-** which would ideally be saved through one time investment of our SOLAR solution

Proposed Solution



MAXPOWER CS6U- 315| 320| 325| 330P

Canadian Solar's modules use the latest innovative cell technology, increasing module power output and system reliability, ensured by 15 years of experience in module manufacturing, well-engineered module design, stringent BOM quality testing, an automated manufacturing process and 100% EL testing.

KEY FEATURES



Excellent module efficiency of up to 16.97 %



Outstanding low irradiance performance of up to 96.0 %



High PTC rating of up to 91.55 %



IP67 junction box for long-term weather endurance



Heavy snow load up to 5400 Pa, wind load up to 2400 Pa



Linear power output warranty



Product warranty on materials and workmanship

MANAGEMENT SYSTEM CERTIFICATES*

ISO 9001:2008 / Quality management system
ISO 14001:2004 / Standards for environmental management system
OHSAS 18001:2007 / International standards for occupational health & safety

PRODUCT CERTIFICATES*

IEC 61215 / IEC 61730: VDE / CE / CQC / MCS / INMETRO
UL 1703 / IEC 61215 performance: CEC listed (US)
UL 1703: CSA / IEC 61701 ED2: VDE / IEC 62716: VDE
UNI 9177 Reaction to Fire: Class 1
IEC60068-2-68: SGS
Take-e-way

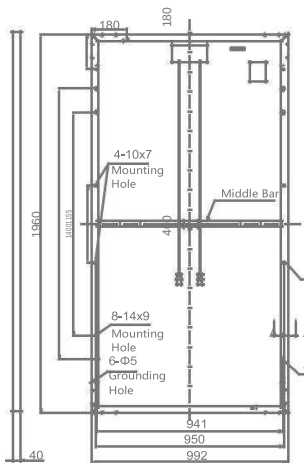


- As there are different certification requirements in different markets, please contact your local Canadian Solar sales representative for the specific certificates applicable to the products in the region in which the products are to be used.

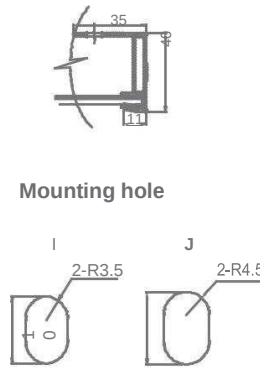
CANADIAN SOLAR INC. is committed to providing high quality

ENGINEERING DRAWING (mm)

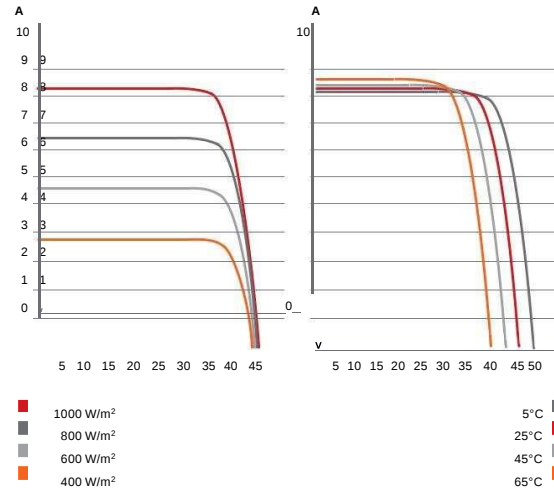
Rear View



Frame Cross Section A-A



CS6U-320P / i-V CURVES



ELECTRICAL DATA | STC*

CS6U	315P	320P	325P	330P
Nominal Max. Power (Pmax)	315 W	320 W	325 W	330 W
Opt. Operating Voltage (Vmp)	36.6 V	36.8 V	37.0 V	37.2 V
Opt. Operating Current (Imp)	8.61 A	8.69 A	8.78 A	8.88 A
Open Circuit Voltage (Voc)	45.1 V	45.3 V	45.5 V	45.6 V
Short Circuit Current (Isc)	9.18 A	9.26 A	9.34 A	9.45 A
Module Efficiency	16.20%	16.46%	16.72%	16.97%
Operating Temperature	-40°C ~ +85°C			
Max. System Voltage	1000 V (IEC) or 1000 V (UL)			
Module Fire Performance	TYPE 1 (UL 1703) or CLASS C (IEC 61730)			
Max. Series Fuse Rating	15 A			
Application Classification	Class A			
Power Tolerance	0 ~ + 5 W			

1. Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM a) and cell temperature of 25°C.

MECHANICAL DATA

Specification	Data
Cell Type	Poly-crystalline, 6 inch
Cell Arrangement	72 (6 × 12)
Dimensions	1960 × 992 × 40 mm (77.2 × 39.1 × 1.57 in)
Weight	22.4 kg (49.4 lbs)
Front Cover	3.2 mm tempered glass
Frame Material	Anodized aluminium alloy
J-Box	IP67, 3 diodes
Cable	4 mm ² (IEC) or 4 mm ² & 12 AWG 1000V (UL), 1160 mm (45.7 in)
Connector	T4 series or PV2 series
Per Pallet	26 pieces, 635 kg (1400 lbs)
Per container (40' HQ)	624 pieces

ELECTRICAL DATA | NOCT*

CS6U	315P	320P	325P	330P
Nominal Max. Power (Pmax)	228 W	232 W	236 W	239 W
Opt. Operating Voltage (Vmp)	33.4 V	33.6 V	33.7 V	33.9 V
Opt. Operating Current (Imp)	6.84 A	6.91 A	6.98 A	7.05 A
Open Circuit Voltage (Voc)	41.5 V	41.6 V	41.8 V	41.9 V
Short Circuit Current (Isc)	7.44 A	7.50 A	7.57 A	7.66 A

A. Under Nominal Operating Cell Temperature (NOCT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

TEMPERATURE CHARACTERISTICS

Specification	Data
Temperature Coefficient (Pmax)	-0.41 % / °C
Temperature Coefficient (Voc)	-0.31 % / °C
Temperature Coefficient (Isc)	0.053 % / °C
Nominal Operating Cell Temperature	45±2 °C

PERFORMANCE AT LOW IRRADIANCE

Outstanding performance at low irradiance, with an average relative efficiency of 96.0 % from irradiances, between 1000 W/m² and 200 W/m² (AM 1.5, 25°C).

PROJECT SUMMARY AND SERVICES

JOSE RENEWABLES project worth **12 crores** developed with the mission of helping owners, designers and builders to create the most energy-efficient and sustainable buildings possible.

<i>Services</i>	<i>Projected % of Sales (2017/18)</i>	<i>Description</i>	<i>Target Market</i>
New Buildings		ESNH, ERS consulting, air tests, site inspections	Production builders
Certifications: ENERGY STAR	46%	File administration, label delivery	tract developers
Solar solution (Roof-top)		Roof-top solar solution	
Existing Buildings		ESNH, ERS consulting, air tests, site inspections	Homeowners
Certifications / Solar solution	30%	File administration, label delivery	Renovators
		Roof-top solar solution	
R-2000	6%	R-2000 consulting, air tests	Medium to small custom builders
		Site inspections, file administration, label Delivery	some production builders
Other Consulting Income	6%	Miscellaneous consulting on improving energy efficiency	Designers, builders, and homeowners
Passive House Certification	3%	Passive House consulting, air tests, site inspections, file administration, label delivery	Custom, high-end projects (designers, builders and owners)
Training / Course Development	3%	Mainly Net-Zero Home training	Policymakers, First Nations, builders, designers
LEED, Net-Zero, e.t.c.	4%	LEED consulting, air tests, site inspections, file administration, label delivery	Custom homes and production condominium projects

Future-Ready Project in Chengalpet District (Pulikundram)

Calculation	JOSE RENEWABLES					Revenue in INR
Prospects	Resort in 5 acres	100 Green houses & villas for expats in 10 acres	Organic farming in 15 acres	Renewable energy research center	Energy STAR certificating Agency (Subsidy)	
Buyers from global companies	-	-	-	-	-	NA
	-	-	24,00,000	-	-	
Consulting/On-grid deployment /off-grid back-up / Land procurement cost / development	-	-	-	25,00,000	10,00,000	25,39,40,000
	45,60,400	2,00,00,000	30,00,000	16,00,000	-	
3 year revenue	2,30,40,000.00	2,25,00,000.00	24,00,000.00	25,00,000.00	10,00,000.00	12,05,80,000.00
5 year turnover	4,60,80,000.00	4,50,00,000.00	1,20,00,000.00	1,25,00,000.00	50,00,000.00	

PROCUREMENT TERMS & CONDITIONS

Payment Terms

1. 50% of the Total Amount shall be paid as advance in concept of reserving the supply, at the time of acceptance of the Performa Invoice, within 5 days of the Issue of the Same - through Bank Transfer/ RTGS only
2. Balance 50% of the Total Amount shall be paid 3 days prior to the dispatch.

Scope of Supply

This Performa Invoice defines the value of the supplies, delivery terms, payment terms and other terms and conditions for the supply to - at their request **JOSE RENEWABLES**- Solar PV Panels Manufactured by Canadian Solar through their Authorized Distributors M/s Ornate Agencies Pvt. Ltd. This Performa Invoice and the terms and conditions mentioned herewith supersede any and all prior quotes/ purchase orders/ offers made in respect of this transaction and shall be treated as the final document governing the transaction and the settlement of any dispute which may arise in respect of the same. The contents of this document should be considered to be confidential and should not be disclosed to third parties without prior, express written agreement.

Other Terms & Conditions

1. Taxes will be payable by the buyer at the rate prevailing at the time of invoicing of the goods.
2. The goods under this contract/PI can only be used and/ or installed by the Buyer and shall not be resold.
3. Freight Charges from The Warehouse of the Supplier to the Buyers Site shall be paid by the Buyer on actuals. Road Permit and/or any documentation required for transport of the goods to the Buyers Site shall be provided by the Buyer. Any octroy or entry tax levied by local governments shall be paid extra at actual by the Buyer
4. Transit Insurance is under the purview of the Buyer.
5. This Performa Invoice and the transaction between the Buyer and the Supplier shall be subject to the laws of India & jurisdiction of the courts of Delhi shall apply in the settlement of any Dispute arising with respect to the same
6. If Buyer fails to fulfil any of its payment obligations as per this PI the Seller has the right to delay, suspend or cancel the shipment under this PI and the amount submitted as advance shall be forfeited in such an eventuality
7. Unexpected events such as force majeure, change of financial conditions, changes in the contents of the provisions which considerably affect the supply to be executed, in particular Foreign exchange fluctuations in the USD-rupee exchange rate and devaluation of the rupee beyond 2% as evidenced from the website of the Reserve Bank of India www.rbi.org.in in addition to Buyer non- payments, gives the Supplier the right to totally or partially cancel/ amend the contract, simply by written notification with no obligation to pay compensation.
8. For the purpose of arriving at the extent of fluctuation in the Rupee-USD exchange rate, the dates considered would be the date of receipt of final payment against the supply of goods as per the terms of this PI and the date of issue of this Performa Invoice.
9. The assumed exchange rate for the terms of this contract is taken at Rs. 67.5/USD. In case of fluctuation in the Foreign exchange rate of $\pm 2\%$ on the above exchange rate, the quoted price would be deemed to have been readjusted to the extent of the impact on the quoted rate which would be as per the calculations mentioned herewith:

$$\text{New Exchange rate} = \{(\text{Quoted price} / \text{Assumed exchange rate}) * \text{New Exchange Rate}\} * 1.02$$

