Verified RealEstate™

Your trusted partner for buying, selling, and managing property, ensuring hassle-free service with 100% transparency.

3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

hello@verified.realestate
+91 9996 12 9996

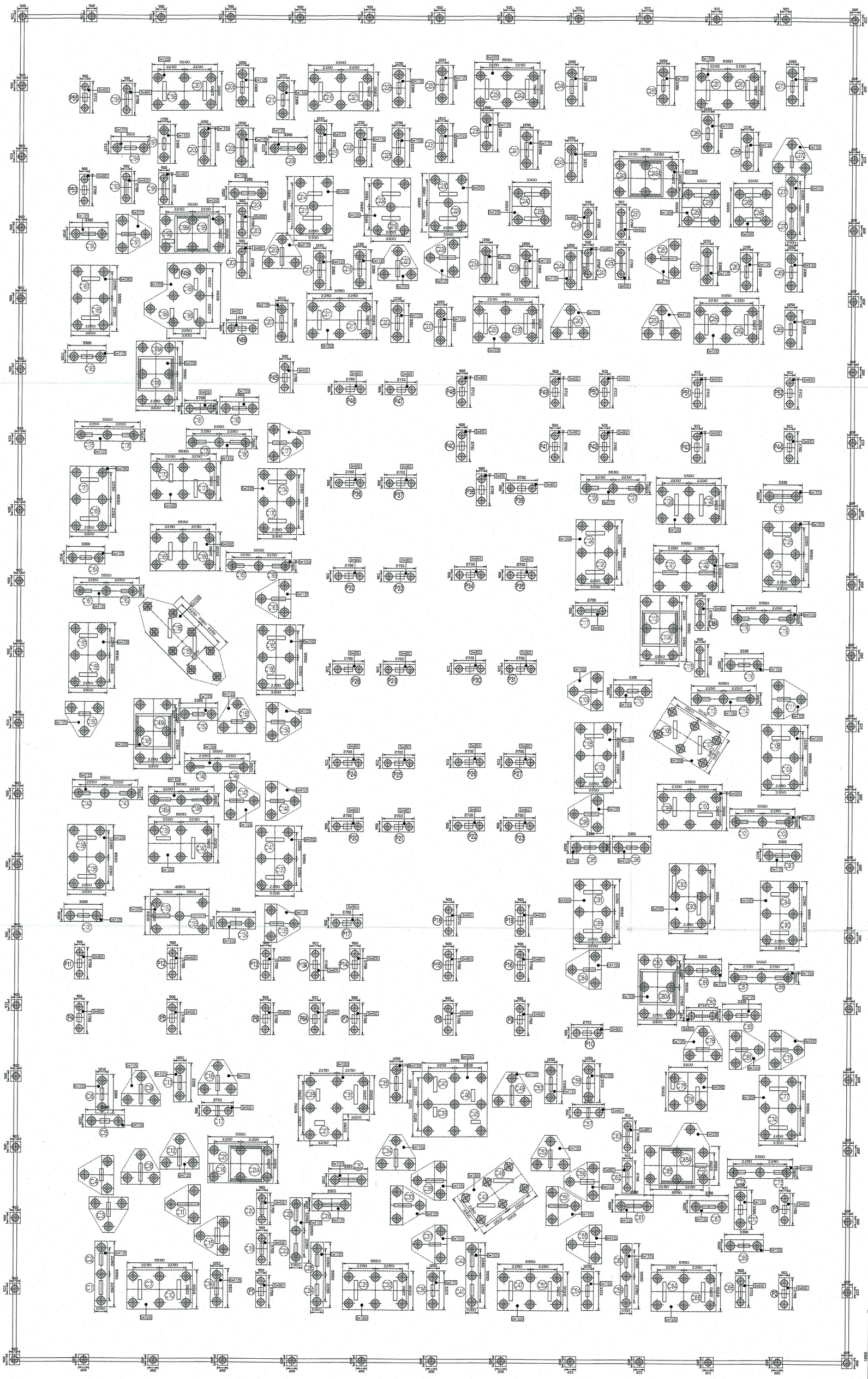
Official Property Record

Digitally Verified Record - Powered by Verified RealEstate™

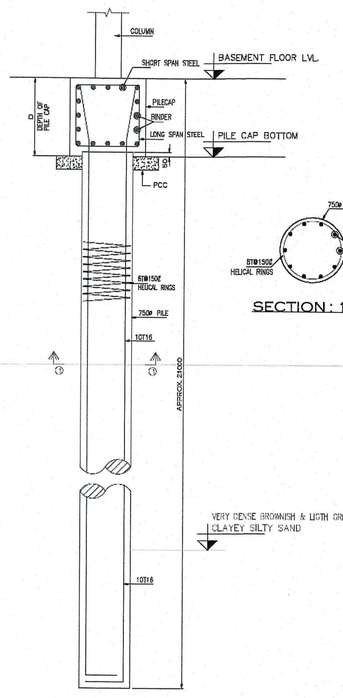


On behalf of CMDA HRB Panel the Structural Drawing are reviewed & found generally in Order. It is the responsibility of the Site/Structural Engineers Concerned to Scrutinize the details and implement at site as per the detailed Drawings and Specifications.

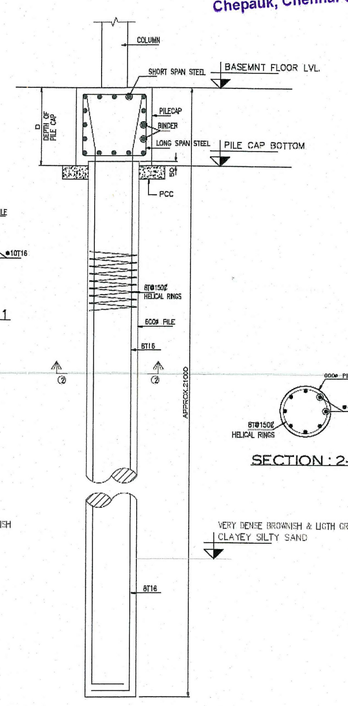
Superintending Engineer, P.W.D.,
Planning and Designs Circle,
Chepauk, Chennai-5.



LAYOUT OF PILE/PILE CAP



SECTION : 1-1



SECTION : 2-2

TYPICAL SECTION OF PILE & PILECAP

TYPICAL SECTION OF PILE & PILECAP

PILE SCHEDULE:-

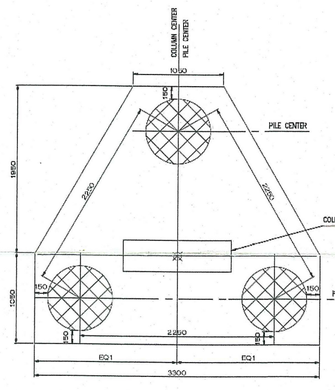
LEGEND	Nos.	PILE DIA CAST IN SITU	STEEL	CONCRETE GRADE	PILE CAPACITY	SAFE UPLIFT CAPACITY	LATERAL LOAD
⊕	210	600Ø	8T16 8T@150C/C HELICAL RINGS	M30	122 TON.	75 TON.	8.0 TON

NOTE: PROVIDE 12T@ 1000C/C MASTER RING.

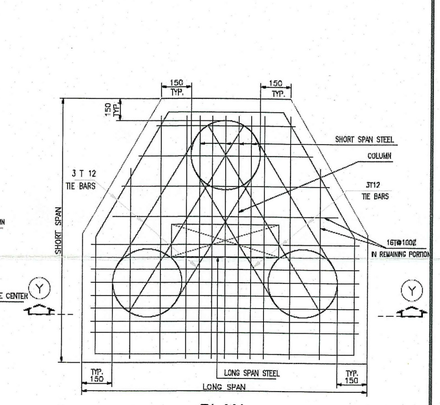
PILE SCHEDULE:-

LEGEND	Nos.	PILE DIA CAST IN SITU	STEEL	CONCRETE GRADE	PILE CAPACITY	SAFE UPLIFT CAPACITY	LATERAL LOAD
⊕	626	750Ø	10T16 8T@ 150C/C HELICAL RINGS	M30	199 TON.	110 TON.	11.4 TON

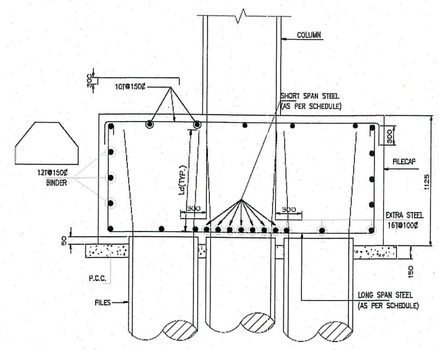
NOTE: PROVIDE 12T@ 1000C/C MASTER RING.



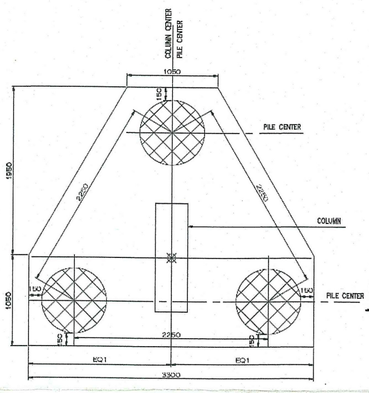
(PLAN)
TYPICAL PILE/PILE CAP DETAIL
FOR 750 DIA. THREE PILES
FOR COLUMN-C4,C15,C78,C150,C153



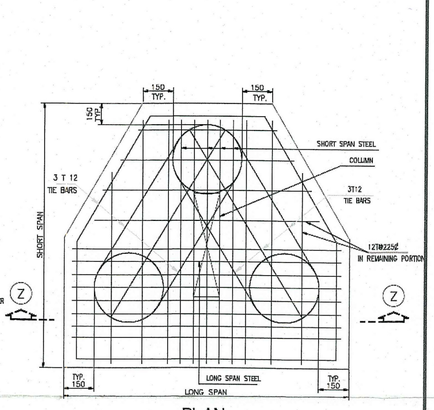
PLAN
PILE CAP DETAIL FOR 3 - PILES



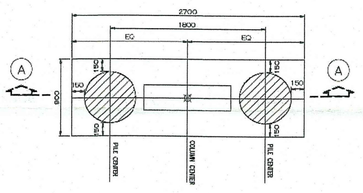
SECTION Y-Y



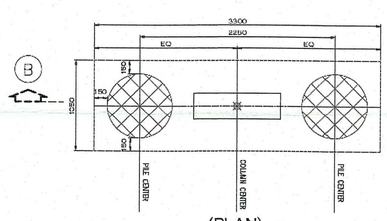
(PLAN)
TYPICAL PILE/PILE CAP DETAIL
FOR 750 DIA. THREE PILES



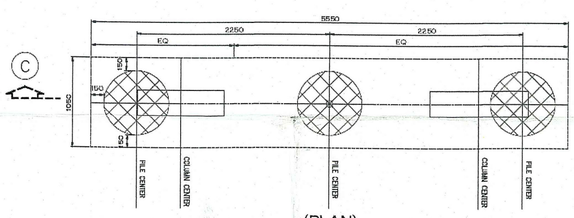
PLAN
PILE CAP DETAIL FOR 3 - PILES



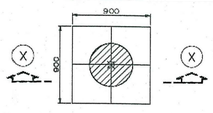
(PLAN)
TYPICAL PILE/PILE CAP DETAIL
FOR 600 DIA. TWO PILES



(PLAN)
TYPICAL PILE/PILE CAP DETAIL
FOR 750 DIA. TWO PILES



(PLAN)
TYPICAL PILE/PILE CAP DETAIL
FOR 750 DIA. 3 PILES

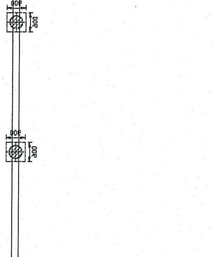


(PLAN)
TYPICAL PILE CAP DETAIL
FOR 600 DIA. ONE PILES

SECTION : A-A

SECTION : B-B

SECTION : C-C



SECTION : X-X

SECTION Z-Z

P. PRADEEP, B.E. M.[illegible]
Structural Engineer Gr I (CMDA)
Regn. No : SE/Gr-1/19/07/184
Cell : 9500702114
pradeeppari2308@gmail.com

NOTES

REFER ARCHITECTURAL DRAWINGS PLAN, SECTION & ELEVATION. ALONG WITH THIS DRAWING.
THIS DRAWING IS NOT TO BE SCALED.
BUILDING IS DESIGNED FOR 1-BASEMENT+STILT+14-FLOORS+ TERRACE FLOOR (NO PROVISION)
" T " INDICATES TOR STEEL.
READ THIS DRAWING ALONG WITH GENERAL NOTES-1112/GN
FOR COLUMN & PILE-PILE CAP SCHEDULE REFER DRG. NO-1112/02
FOR PILE CAP DETAILS DETAILS REFER DRG. NO-1112/03,3A...
FOR COLUMN & SHEAR WALL DETAILS REFER DRG. NO-1112/04,4A...
USE MIX M:40 & FE:500 STEEL FOR COLUMNS
USE MIX M:30 & FE:500 STEEL FOR PILES
USE MIX M:30 & FE:500 STEEL FOR PILE CAP

GENERAL NOTES

C.G. OF PILES SHALL COINCIDE WITH C.G. OF COLUMNS.
CONCRETING SHALL BE DONE BY TREMIE PIPE.
MINIMUM SLUMP FOR CONCRETE TO BE 125MM.
CLEAR COVER FOR PILE AND PILECAP REINFORCEMENT TO BE 75MM
MINIMUM 15 MINUTES FLUSHING TO BE DONE TO CLEAN-THE BOTTOM PRIOR TO LOWERING THE TREMIE.
BENTONITE SLURRY TO BE USED TO STABILIZE BORE HOLES IF REQUIRED.
FOR CHISELLING RATE AND ROCK INDENTIFICATION PLEASE REFER TO GEOTECH REPORT.
PILE CAPS FOR LIFT SHAFT TO BE CAST AT A DEPTH AS SPECIFIED BY THE LIFT MANUFACTURER
PILE ECCENTRICITY RECORD (IF ANY) SHALL BE MADE AVAILABLE TO THE STRUCTURAL CONSULTANTS BEFORE CONSTRUCTION OF PILE CAPS.
PILE REINFORCEMENT TO BE EXTENDED IN TO PILE CAP FOR LD=45Ø
PILE LOAD TESTS TO BE CARRIED OUT AS PER CODAL SPECIFICATIONS AND REQUIREMENTS.
SOCKETING LENGTH OF PILES MUST BE 3D. IN VERY DENSE BROWNISH & LIGHT GRAYISH CLAYEY SILTY SAND. WHERE D= DIA METER OF PILE.
PILE LENGTH BELOW GROUND LVL - MINIMUM 25.0 MTR.

DRG. TITLE :-

LAYOUT OF PILE - PILE CAP

KEY PLAN

KEY SECTION

REVISION	DATE	DESCRIPTION	SIGN.
RO	09/11/2023	FOR SUBMISSION	

PROJECT :-

PROPOSED RESIDENTIAL CONDOMINIUM
@ PARUTHIPATTU CHENNAI

CLIENT :-

NEWRY
NEWRY PROPERTIES PRIVATE LIMITED

ARCHITECT :-

Kharche Associates
2/20 Shaffee Mohamed Road, Chennai – 600 006. India
+91 44 2829 1291 / 3874 / 3261
info@kharche.com www.kharche.com

DRAWN BY :-	CHECKED BY :-	SCALE :-
JEEVAN	T.S.P./S.S.S.	1:150
DRG. NO. 1112/01	REVISION *R0	DATE 09/11/2023

THIS DRAWING IS THE PROPERTY AND COPYRIGHT OF DESIGNAGE CONSULTING STRUCTURAL ENGINEERS. IT SHALL NOT BE COPIED OR REPRODUCED IN ANY MANNER WHATSOEVER AND EXECUTED ON SITE SUBJECT TO APPROVAL OF COMPETENT AUTHORITY.

DESIGNAGE
Consulting Structural Engineers
Office No–402, 4th Floor, Wing–C,
Audumbar Apartments, Canal Road,
Near Vardhman Petrol Pump, Warje, Pune–411052
Tel–9011076607, 9011016556
Email : structure.pune@gmail.com
Web : www.designageconsultants.com



our services doesn't just end there

Buying & Selling Services

Property Buying Assistance, Property Selling Support, Market Price Analysis, Owner Outreach and Negotiation.

Legal & Documentation Services

Certified EC, Patta, legal opinions, property verification, due diligence, litigation solutions, and legal heir certificates.

Property Development & Approvals

Building plan approvals, construction, layout and sub-division approvals, zone conversion, and occupancy certification.

NRI & Investment Services

Escrow Services, Rentals, Litigation Solutions, Property Valuation and Property Management

Compliance & Special Services

Demolition, Vaasthu checks, regularization of unauthorized buildings, and office space solutions.



empowering your real estate decisions with smart tools

Property Valuation & Cost Estimation

Guideline Value, Apartment Composite Value, Stamp Duty & Registration Fees Calculator, Building Value Calculator, Capital Gains Calculator, Area Unit Converter, Length Unit Converter

Ownership, Compliance & Legal Verification

Encumbrance Certificate (EC) Search, Find Your SRO, Temple Property Check, WAQF Property Check, View Patta/Chitta, View FMB, Patta Analyzer, EC Analyzer

Zoning & Land Use Analysis

Land Use Zone Finder, CRZ Zone Check, Aquifer Zone Check, CBA Check, EWS Check, Road Width Check, Proposed Road Widening Check, FSI Calculator

Property Documentation & Workflow Tools

Forms & Templates, Document Generator, Document Translation, Dictionary

Vastu & Property Management Tools

Home Vastu Shastra, Plot Vastu Shastra, Property Management

Verified RealEstate™

We're honored to be part of your real estate journey

3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

hello@verified.realestate
+91 9996 12 9996
www.verified.realestate