



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

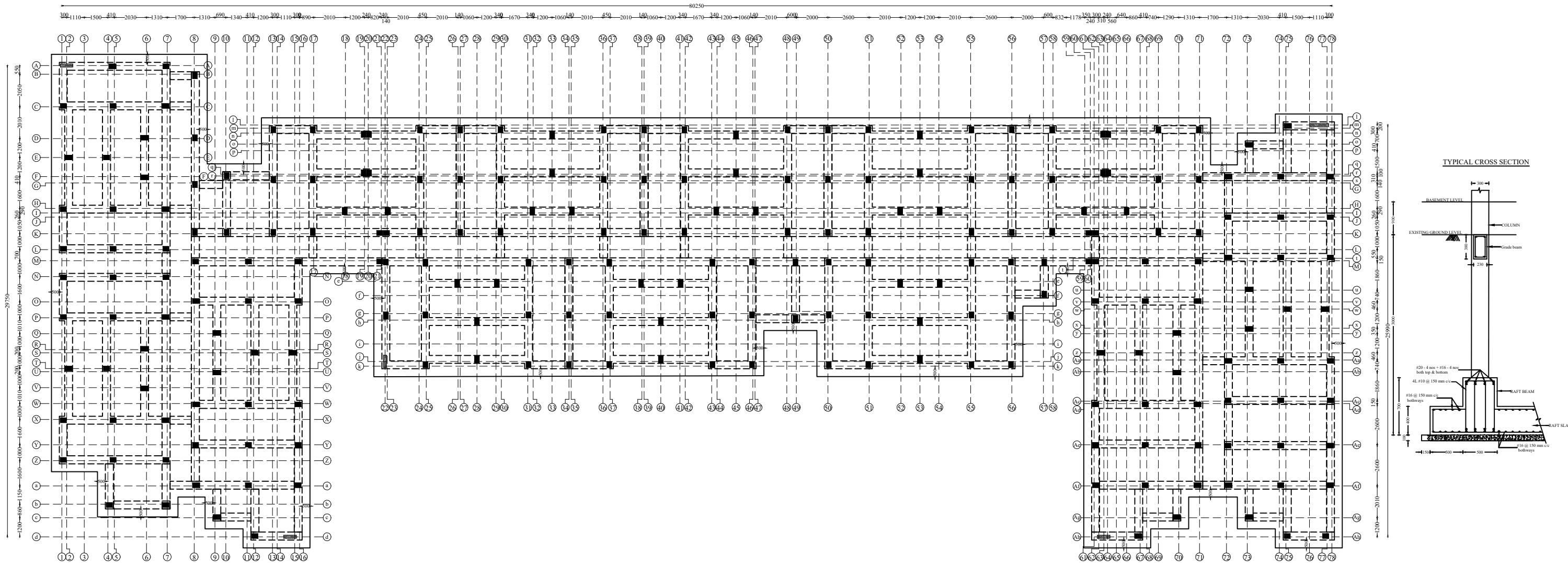
+91 9996 12 9996

Official Property Record

Digitally Verified Record - Powered by Verified  RealEstate™



RAFT & RAFT BEAM LAYOUT



NOTE :

1. All the dimensions are in mm unless noted otherwise.
2. All structural drawings shall be read in conjunction with the relevant Architectural drawings.
3. All the RCC works shall be as per design mix of **M30** grade, conforming to IS: 456 - 2000.
4. All the reinforcement shall be of **Fe500D** grade conforming to IS 1786 - 2008 unless noted otherwise.
5. The structure is designed for seismic zone III as per IS 1893:2016 and detailed as per IS13920:2016.
6. Flyash bricks has been considered for masonry work in sub structure & Lift wall and AAC blocks has been considered for masonry work in super structure.
7. Structure is designed for **(G+5)** floors only.
8. Design of the structure carried out with Limit State Method.
9. The depth of foundation shall be 3 m from the existing ground level.
The recommended bearing capacity at this level is 160 kN / sq.m.
10. Analysis of the structure done with **ETABS**.
11. Clear cover for reinforcement are as follows:
 - (a) Foundation - 60 mm
 - (b) Column - 40 mm
 - (c) Floor and roof beam - 30 mm
 - (d) Slab - 25 mm
 - (e) Water Tank Walls & Slab - 30 mm

12. Design mix report should be got approved by the Anna University/IIT Madras/PWD.
13. All PCC works should be carried out with PCC 1:4:8 conforming IS: 456 - 2000.
14. Cut lintels to be provided in all floors.
15. Lapping of column bars shall be midway between slabs and staggered with lap length not less than 50 Ø.
16. Anchorage of column bars into the footings shall not be less than 50 Ø.
17. Field Engineers should ensure that the soil at the recommended founding depth is in conformity to the soil characteristic detailed in the soil test report. If any variation in soil strata is encountered at the recommended foundation depth, then the same should be informed to the Chief Engineer atonce for review.
18. Ground water quality has to be conformed for suitability to construction work.
19. The ground water / soil to be tested for chlorides & sulphate and remedial measures if any should be taken accordingly.
20. Dimensions and levels are to unfinished surface excluding finishes, coating etc., unless noted otherwise. The dimension should be checked with type design drawing.
21. The Recommendations in the Soil Report done by ANNA UNIVERSITY, Chennai Job. No.:SM&FE 206/Consultancy/2021, Dt:18.02.2023 should be followed scrupulously.

STRUCTURAL DETAILS

PROJECT:
CONSTRUCTION OF (G+5) FLOORS 450 TENEMENTS AT
NN NAGAR AND CHINTADRI PET IN CHINTADRI PET
VILLAGE, GREATER CHENNAI CORPORATION.

TITLE:
RAFT & RAFT BEAM LAYOUT AND
TYPICAL CROSS SECTION.

TYPE DESIGN NO.: /2023

DWG.NO.:TNUHDB/CHINTADRI PET/BLOCK-D/01

REVISION NO.:

Assistant Engineer

Asst. Exe. Engineer

Executive Engineer

SE - PMU

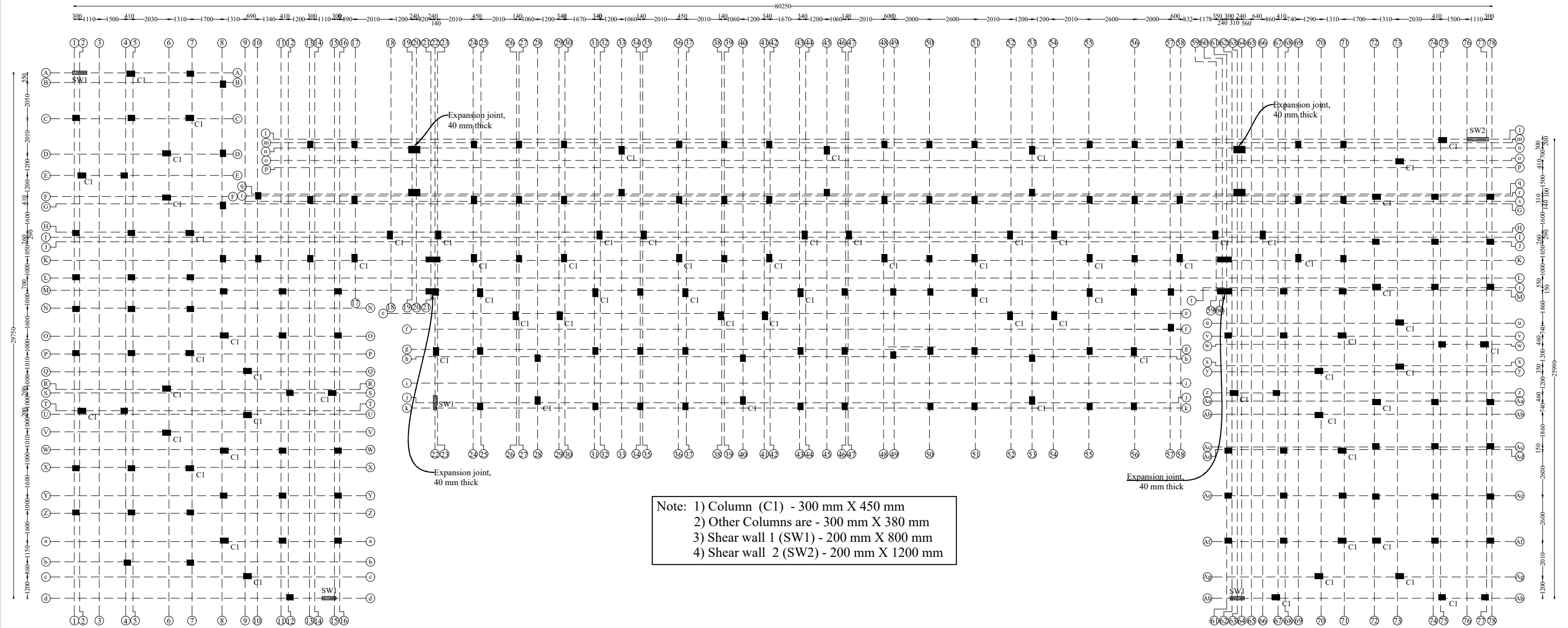
SE - North II

SE - North



STRUCTURAL & QUALITY CONTROL BY
TAMIL NADU URBAN HABITAT DEVELOPMENT BOARD
NO.5, KAMARAJAR SALAI
CHENNAI - 600 005.

COLUMN AND SHEAR WALL LAYOUT



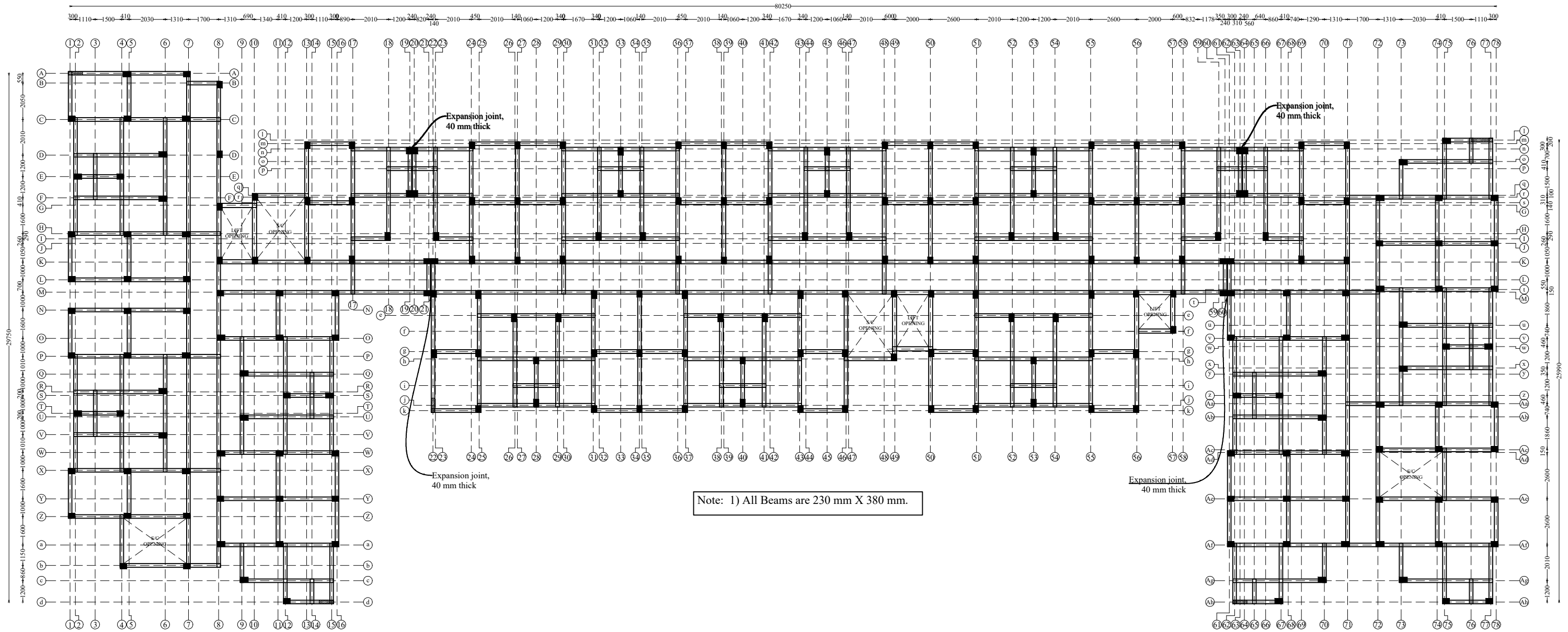
- NOTE :**
1. All the dimensions are in mm unless noted otherwise.
 2. All structural drawings shall be read in conjunction with the relevant Architectural drawings.
 3. All the RCC works shall be as per design mix of **M30** grade, conforming to IS: 456 - 2000.
 4. All the reinforcement shall be of **Fe500D** grade conforming to IS 1786 - 2008 unless noted otherwise.
 5. The structure is designed for seismic zone III as per IS 1893:2016 and detailed as per IS13920:2016.
 6. Flyash bricks has been considered for masonry work in sub structure & Lift wall and AAC blocks has been considered for masonry work in super structure.
 7. Structure is designed for **(G+5)** floors only.
 8. Design of the structure carried out with Limit State Method.
 9. The depth of foundation shall be 3 m from the existing ground level.
The recommended bearing capacity at this level is 160 kN / sq.m.
 10. Analysis of the structure done with **ETABS**.
 11. Clear cover for reinforcement are as follows:
 - (a) Foundation - 60 mm
 - (b) Column - 40 mm
 - (c) Floor and roof beam - 30 mm
 - (d) Slab - 25 mm
 - (e) Water Tank Walls & Slab - 30 mm

12. Design mix report should be got approved by the Anna University/IIT Madras/PWD.
13. All PCC works should be carried out with PCC 1:4:8 conforming IS: 456 - 2000.
14. Cut lintels to be provided in all floors.
15. Lapping of column bars shall be midway between slabs and staggered with lap length not less than 50 Ø.
16. Anchorage of column bars into the footings shall not be less than 50 Ø.
17. Field Engineers should ensure that the soil at the recommended founding depth is in conformity to the soil characteristic detailed in the soil test report. If any variation in soil strata is encountered at the recommended foundation depth, then the same should be informed to the Chief Engineer atonce for review.
18. Ground water quality has to be conformed for suitability to construction work.
19. The ground water / soil to be tested for chlorides & sulphate and remedial measures if any should be taken accordingly.
20. Dimensions and levels are to unfinished surface excluding finishes, coating etc., unless noted otherwise. The dimension should be checked with type design drawing.
21. The Recommendations in the Soil Report done by ANNA UNIVERSITY, Chennai Job. No.:SM&FE 206/Consultancy/2021, Dt:18.02.2023 should be followed scrupulously.

STRUCTURAL DETAILS	
PROJECT: CONSTRUCTION OF (G+5) FLOORS 450 TENEMENTS AT NN NAGAR AND CHINTADRI PET IN CHINTADRI PET VILLAGE, GREATER CHENNAI CORPORATION.	
TITLE: COLUMN AND SHEAR WALL LAYOUT.	
TYPE DESIGN NO.: /2023	
DWG.NO.:TNUHDB/CHINTADRI PET/BLOCK-D/02	
REVISION NO.:	

Assistant Engineer	Asst. Exe. Engineer
Executive Engineer	SE - PMU
SE - North II	SE - North
 STRUCTURAL & QUALITY CONTROL BOARD TAMIL NADU URBAN HABITAT DEVELOPMENT BOARD NO.5, KAMARAJAR SALAI CHENNAI - 600 005.	

GRADE BEAM LAYOUT



NOTE :

1. All the dimensions are in mm unless noted otherwise.
2. All structural drawings shall be read in conjunction with the relevant Architectural drawings.
3. All the RCC works shall be as per design mix of **M30** grade, conforming to IS: 456 - 2000.
4. All the reinforcement shall be of **Fe500D** grade conforming to IS 1786 - 2008 unless noted otherwise.
5. The structure is designed for seismic zone III as per IS 1893:2016 and detailed as per IS13920:2016.
6. Flyash bricks has been considered for masonry work in sub structure & Lift wall and AAC blocks has been considered for masonry work in super structure.
7. Structure is designed for **(G+5)** floors only.
8. Design of the structure carried out with Limit State Method.
9. The depth of foundation shall be 3 m from the existing ground level.
The recommended bearing capacity at this level is 160 kN / sq.m.
10. Analysis of the structure done with **ETABS**.
11. Clear cover for reinforcement are as follows:
 - (a) Foundation - 60 mm
 - (b) Column - 40 mm
 - (c) Floor and roof beam - 30 mm
 - (d) Slab - 25 mm
 - (e) Water Tank Walls & Slab - 30 mm

12. Design mix report should be got approved by the Anna University/IIT Madras/PWD.
13. All PCC works should be carried out with PCC 1:4:8 conforming IS: 456 - 2000.
14. Cut lintels to be provided in all floors.
15. Lapping of column bars shall be midway between slabs and staggered with lap length not less than 50 Ø.
16. Anchorage of column bars into the footings shall not be less than 50 Ø.
17. Field Engineers should ensure that the soil at the recommended founding depth is in conformity to the soil characteristic detailed in the soil test report. If any variation in soil strata is encountered at the recommended foundation depth, then the same should be informed to the Chief Engineer atonce for review.
18. Ground water quality has to be conformed for suitability to construction work.
19. The ground water / soil to be tested for chlorides & sulphate and remedial measures if any should be taken accordingly.
20. Dimensions and levels are to unfinished surface excluding finishes, coating etc., unless noted otherwise. The dimension should be checked with type design drawing.
21. The Recommendations in the Soil Report done by ANNA UNIVERSITY, Chennai Job. No.:SM&FE 206/Consultancy/2021, Dt:18.02.2023 should be followed scrupulously.

STRUCTURAL DETAILS

PROJECT:
CONSTRUCTION OF (G+5) FLOORS 450 TENEMENTS AT
NN NAGAR AND CHINTADRI PET IN CHINTADRI PET
VILLAGE, GREATER CHENNAI CORPORATION.

TITLE:
GRADE BEAM LAYOUT.

TYPE DESIGN NO.: /2023

DWG.NO.:TNUHDB/CHINTADRI PET/BLOCK-D/03

REVISION NO.:

Assistant Engineer

Asst. Exe. Engineer

Executive Engineer

SE - PMU

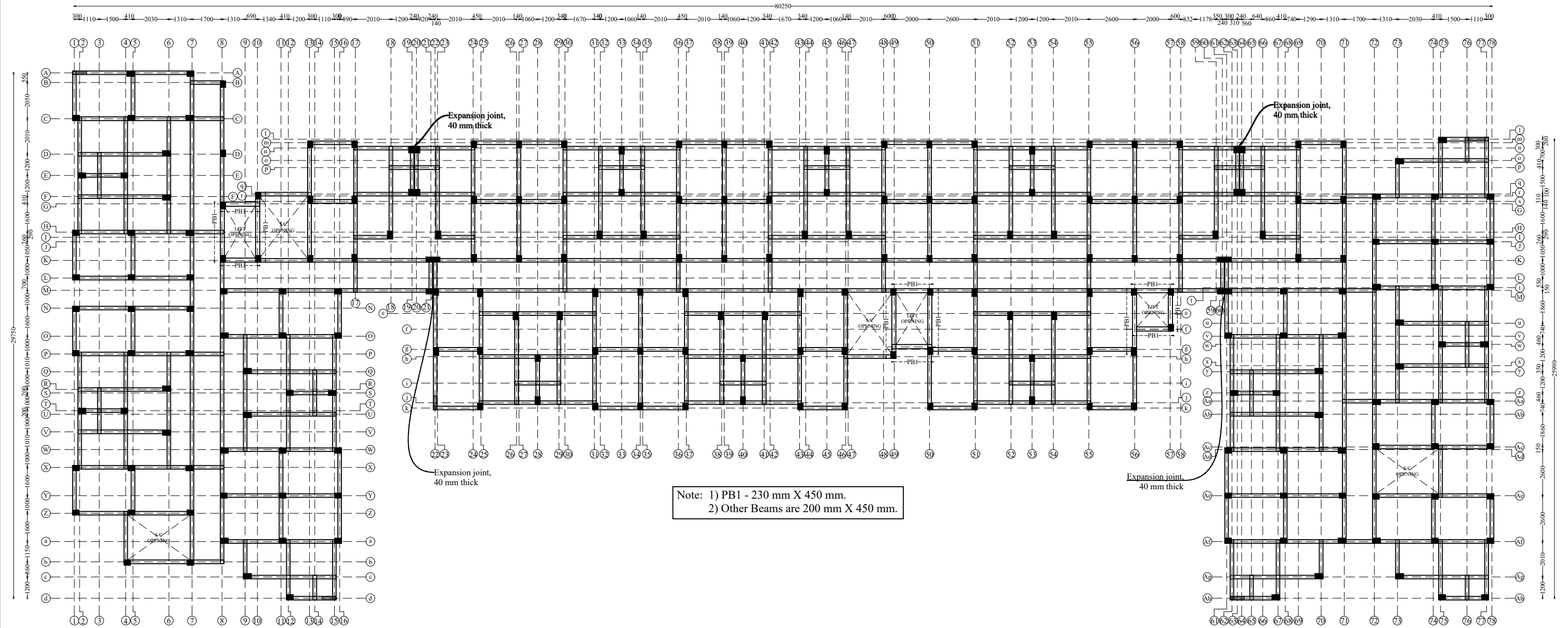
SE - North II

SE - North



STRUCTURAL & QUALITY CONTROL BOARD
TAMIL NADU URBAN HABITAT DEVELOPMENT BOARD
NO.5, KAMARAJAR SALAI
CHENNAI - 600 005.

PLINTH BEAM LAYOUT



NOTE :

1. All the dimensions are in mm unless noted otherwise.
2. All structural drawings shall be read in conjunction with the relevant Architectural drawings.
3. All the RCC works shall be as per design mix of **M30** grade, conforming to IS: 456 - 2000.
4. All the reinforcement shall be of **Fe500D** grade conforming to IS 1786 - 2008 unless noted otherwise.
5. The structure is designed for seismic zone III as per IS 1893:2016 and detailed as per IS13920:2016.
6. Flyash bricks has been considered for masonry work in sub structure & Lift wall and AAC blocks has been considered for masonry work in super structure.
7. Structure is designed for **(G+5)** floors only.
8. Design of the structure carried out with Limit State Method.
9. The depth of foundation shall be 3 m from the existing ground level.
The recommended bearing capacity at this level is 160 kN / sq.m.
10. Analysis of the structure done with **ETABS**.
11. Clear cover for reinforcement are as follows:
 - (a) Foundation - 60 mm
 - (b) Column - 40 mm
 - (c) Floor and roof beam - 30 mm
 - (d) Slab - 25 mm
 - (e) Water Tank Walls & Slab - 30 mm

12. Design mix report should be got approved by the Anna University/IIT Madras/PWD.
13. All PCC works should be carried out with PCC 1:4:8 conforming IS: 456 - 2000.
14. Cut lintels to be provided in all floors.
15. Lapping of column bars shall be midway between slabs and staggered with lap length not less than 50 Ø.
16. Anchorage of column bars into the footings shall not be less than 50 Ø.
17. Field Engineers should ensure that the soil at the recommended founding depth is in conformity to the soil characteristic detailed in the soil test report. If any variation in soil strata is encountered at the recommended foundation depth, then the same should be informed to the Chief Engineer atonce for review.
18. Ground water quality has to be conformed for suitability to construction work.
19. The ground water / soil to be tested for chlorides & sulphate and remedial measures if any should be taken accordingly.
20. Dimensions and levels are to unfinished surface excluding finishes, coating etc., unless noted otherwise. The dimension should be checked with type design drawing.
21. The Recommendations in the Soil Report done by ANNA UNIVERSITY, Chennai Job. No.:SM&FE 206/Consultancy/2021, Dt:18.02.2023 should be followed scrupulously.

STRUCTURAL DETAILS

PROJECT:
CONSTRUCTION OF (G+5) FLOORS 450 TENEMENTS AT
NN NAGAR AND CHINTADRI PET IN CHINTADRI PET
VILLAGE, GREATER CHENNAI CORPORATION.

TITLE:
PLINTH BEAM LAYOUT.

TYPE DESIGN NO.: /2023

DWG.NO.:TNUHDB/CHINTADRI PET/BLOCK-D/04

REVISION NO.:

Assistant Engineer

Asst. Exe. Engineer

Executive Engineer

SE - PMU

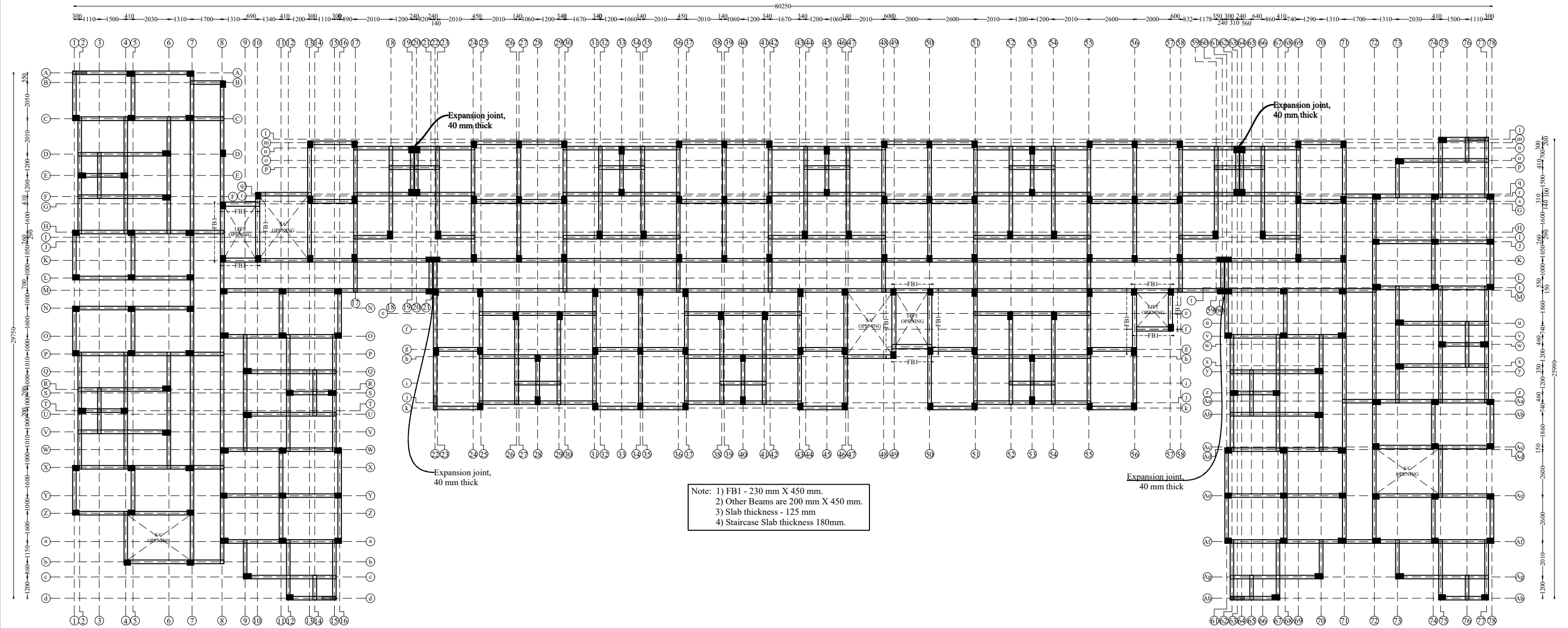
SE - North II

SE - North



STRUCTURAL & QUALITY CONTROL
TAMIL NADU URBAN HABITAT DEVELOPMENT BOARD
NO.5, KAMARAJAR SALAI
CHENNAI - 600 005.

TYPICAL FLOOR BEAM LAYOUT



NOTE :

1. All the dimensions are in mm unless noted otherwise.
2. All structural drawings shall be read in conjunction with the relevant Architectural drawings.
3. All the RCC works shall be as per design mix of **M30** grade, conforming to IS: 456 - 2000.
4. All the reinforcement shall be of **Fe500D** grade conforming to IS 1786 - 2008 unless noted otherwise.
5. The structure is designed for seismic zone III as per IS 1893:2016 and detailed as per IS13920:2016.
6. Flyash bricks has been considered for masonry work in sub structure & Lift wall and AAC blocks has been considered for masonry work in super structure.
7. Structure is designed for **(G+5)** floors only.
8. Design of the structure carried out with Limit State Method.
9. The depth of foundation shall be 3 m from the existing ground level.
The recommended bearing capacity at this level is 160 kN / sq.m.
10. Analysis of the structure done with **ETABS**.
11. Clear cover for reinforcement are as follows:
 - (a) Foundation - 60 mm
 - (b) Column - 40 mm
 - (c) Floor and roof beam - 30 mm
 - (d) Slab - 25 mm
 - (e) Water Tank Walls & Slab - 30 mm

12. Design mix report should be got approved by the Anna University/IIT Madras/PWD.
13. All PCC works should be carried out with PCC 1:4:8 conforming IS: 456 - 2000.
14. Cut lintels to be provided in all floors.
15. Lapping of column bars shall be midway between slabs and staggered with lap length not less than 50 Ø.
16. Anchorage of column bars into the footings shall not be less than 50 Ø.
17. Field Engineers should ensure that the soil at the recommended founding depth is in conformity to the soil characteristic detailed in the soil test report. If any variation in soil strata is encountered at the recommended foundation depth, then the same should be informed to the Chief Engineer atonce for review.
18. Ground water quality has to be conformed for suitability to construction work.
19. The ground water / soil to be tested for chlorides & sulphate and remedial measures if any should be taken accordingly.
20. Dimensions and levels are to unfinished surface excluding finishes, coating etc., unless noted otherwise. The dimension should be checked with type design drawing.
21. The Recommendations in the Soil Report done by ANNA UNIVERSITY, Chennai Job. No.:SM&FE 206/Consultancy/2021, Dt:18.02.2023 should be followed scrupulously.

STRUCTURAL DETAILS

PROJECT:
CONSTRUCTION OF (G+5) FLOORS 450 TENEMENTS AT
NN NAGAR AND CHINTADRI PET IN CHINTADRI PET
VILLAGE, GREATER CHENNAI CORPORATION.

TITLE:
TYPICAL FLOOR BEAM LAYOUT.

TYPE DESIGN NO.: /2023

DWG.NO.:TNUHDB/CHINTADRI PET/BLOCK-D/05

REVISION NO.:

Assistant Engineer

Asst. Exe. Engineer

Executive Engineer

SE - PMU

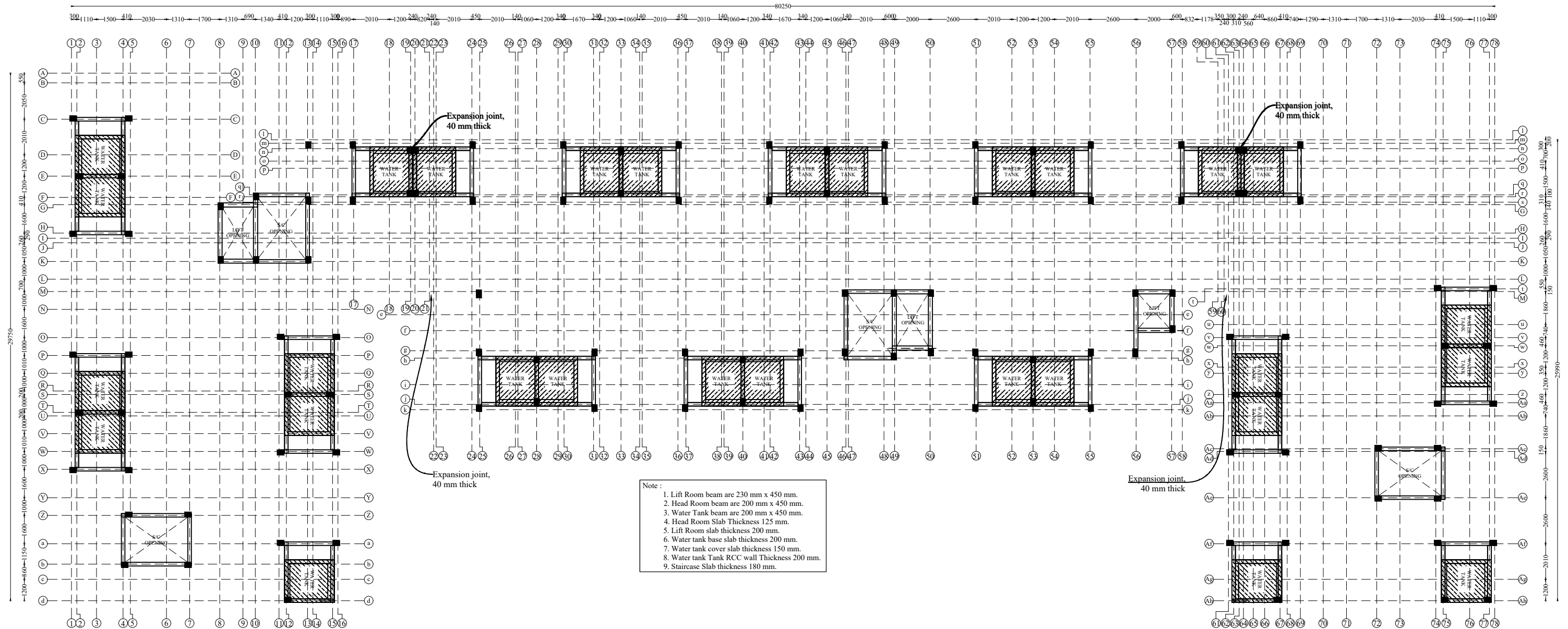
SE - North II

SE - North



STRUCTURAL & QUALITY CONTROL BOARD
TAMIL NADU URBAN HABITAT DEVELOPMENT BOARD
NO.5, KAMARAJAR SALAI
CHENNAI - 600 005.

HEAD ROOM, LIFT ROOM BEAM LAYOUT & LOCATION OF OHT



NOTE :

1. All the dimensions are in mm unless noted otherwise.
2. All structural drawings shall be read in conjunction with the relevant Architectural drawings.
3. All the RCC works shall be as per design mix of **M30** grade, conforming to IS: 456 - 2000.
4. All the reinforcement shall be of **Fe500D** grade conforming to IS 1786 - 2008 unless noted otherwise.
5. The structure is designed for seismic zone III as per IS 1893:2016 and detailed as per IS13920:2016.
6. Flyash bricks has been considered for masonry work in sub structure & Lift wall and AAC blocks has been considered for masonry work in super structure.
7. Structure is designed for **(G+5)** floors only.
8. Design of the structure carried out with Limit State Method.
9. The depth of foundation shall be 3 m from the existing ground level.
The recommended bearing capacity at this level is 160 kN / sq.m.
10. Analysis of the structure done with **ETABS**.
11. Clear cover for reinforcement are as follows:
 - (a) Foundation - 60 mm
 - (b) Column - 40 mm
 - (c) Floor and roof beam - 30 mm
 - (d) Slab - 25 mm
 - (e) Water Tank Walls & Slab - 30 mm

12. Design mix report should be got approved by the Anna University/IIT Madras/PWD.
13. All PCC works should be carried out with PCC 1:4:8 conforming IS: 456 - 2000.
14. Cut lintels to be provided in all floors.
15. Lapping of column bars shall be midway between slabs and staggered with lap length not less than 50 Ø.
16. Anchorage of column bars into the footings shall not be less than 50 Ø.
17. Field Engineers should ensure that the soil at the recommended founding depth is in conformity to the soil characteristic detailed in the soil test report. If any variation in soil strata is encountered at the recommended foundation depth, then the same should be informed to the Chief Engineer atonce for review.
18. Ground water quality has to be conformed for suitability to construction work.
19. The ground water / soil to be tested for chlorides & sulphate and remedial measures if any should be taken accordingly.
20. Dimensions and levels are to unfinished surface excluding finishes, coating etc., unless noted otherwise. The dimension should be checked with type design drawing.
21. The Recommendations in the Soil Report done by ANNA UNIVERSITY, Chennai Job. No.:SM&FE 206/Consultancy/2021, Dt:18.02.2023 should be followed scrupulously.

STRUCTURAL DETAILS

PROJECT:
CONSTRUCTION OF (G+5) FLOORS 450 TENEMENTS AT
NN NAGAR AND CHINTADRI PET IN CHINTADRI PET
VILLAGE, GREATER CHENNAI CORPORATION.

TITLE:
HEAD ROOM, LIFT ROOM BEAM LAYOUT &
LOCATION OF OHT.

TYPE DESIGN NO.: /2023

DWG.NO.:TNUHDB/CHINTADRI PET/BLOCK-D/06

REVISION NO.:

Assistant Engineer

Asst. Exe. Engineer

Executive Engineer

SE - PMU

SE - North II

SE - North



STRUCTURAL & QUALITY CONTROL
TAMIL NADU URBAN HABITAT DEVELOPMENT BOARD
NO.5, KAMARAJAR SALAI
CHENNAI - 600 005.



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



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](tel:+919996129996)
www.verified.realestate