Verified RealEstate™

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

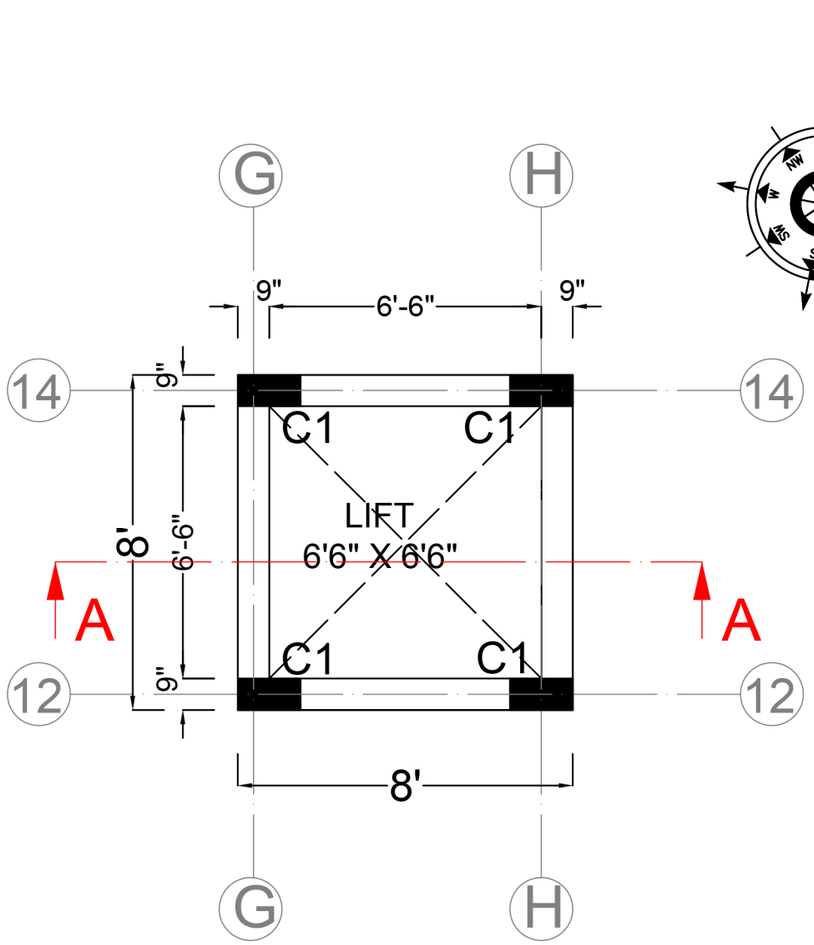
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

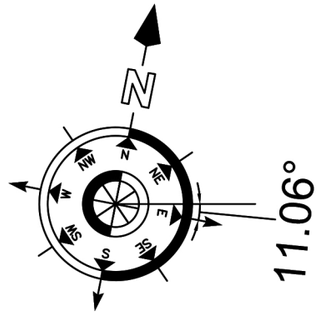
hello@verified.realestate
+91 9996 12 9996
www.verified.realestate

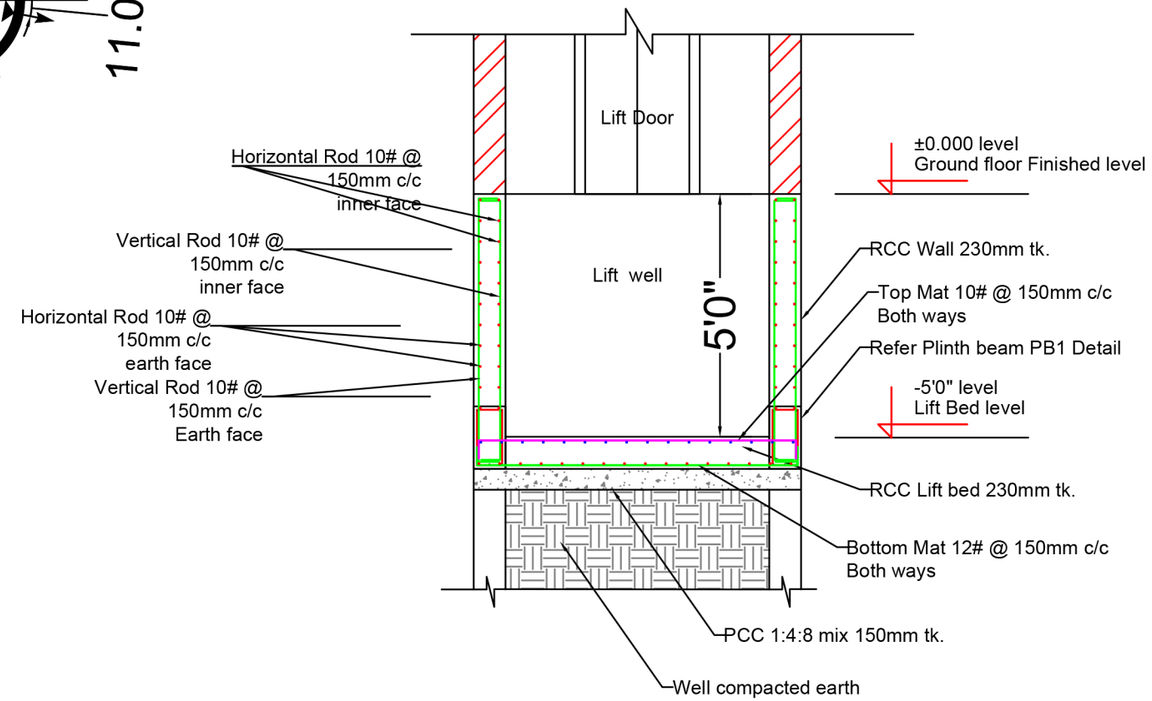
Official Property Record



Digitally Verified Record - Powered by Verified RealEstate™







C.S ON - 'A-A'

STRUCTURAL DRAWING FOR THE PROPOSED CONSTRUCTION OF RESIDENTIAL APARTMENT FOR M/s. KHAVIN'S COVE AT AYYAMPERUMAM PATTI, SALEM.

Reference:-

Refer Center line Layout Drawing

ALL ELEMENTS OF MATERIAL
Concrete Grade : M25
Steel Grade : Fe 550 D
for P.C.C. : M10
Clear cover : 50mm for Footing [bottom & Side]
40mm for Column [all sides]
25mm for Beam [all sides]
20mm for Slab [bottom & Top]

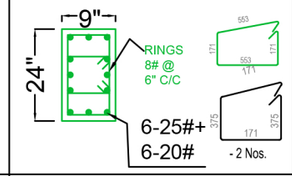
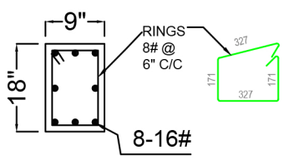
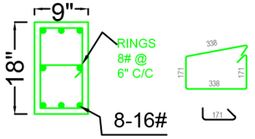
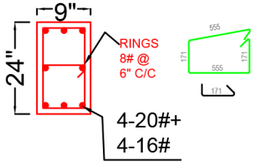
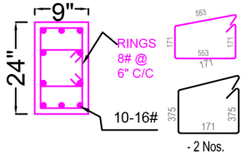
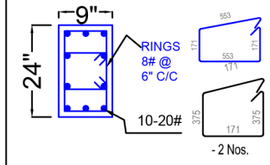
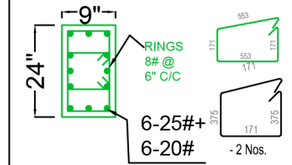
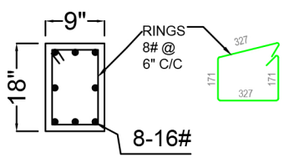
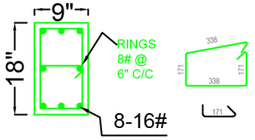
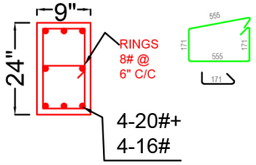
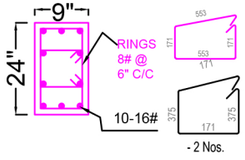
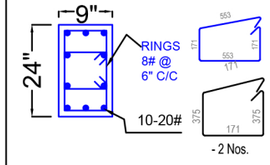
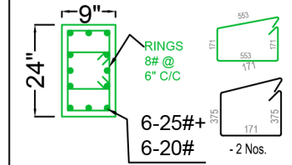
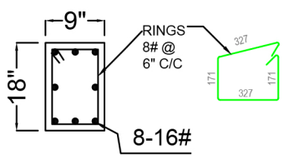
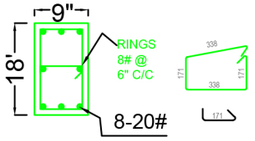
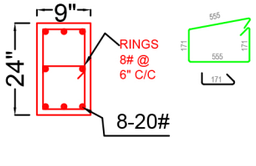
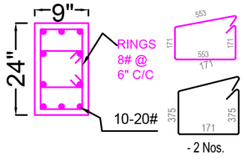
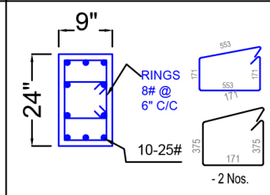
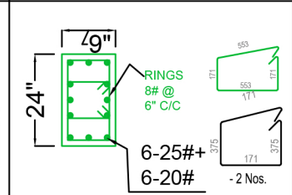
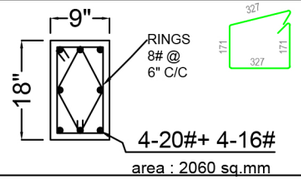
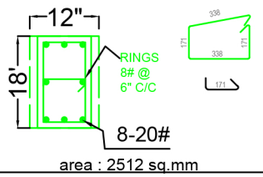
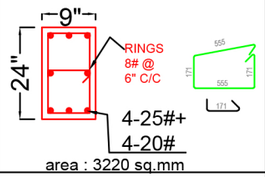
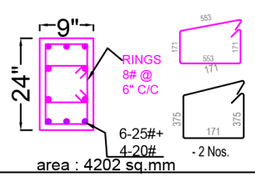
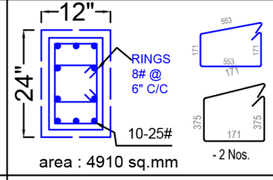
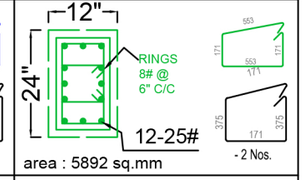
All dimention are in FEET

Dia of rod given in mm

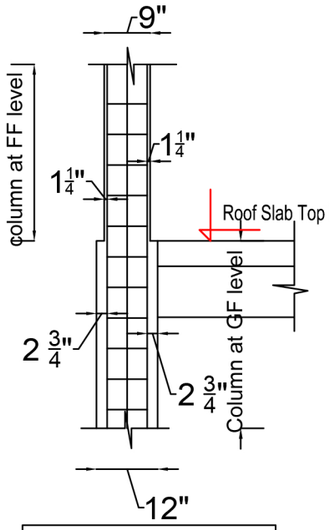
DATE: 16.04.2024

Er.S.VIJAYAKUMAR,M.E., (Strl),
Vijaysri Structural Consultant & Civil Engineer
Registered Structural Engineer Grade-I
Reg No:12 / RSE-I/2019
5/6-1A. Ninampatti. Attayampatti Via. Rajapalayam (Po),
SALEM (Dt) - 637 501. T.N. Cell:99653 99021.

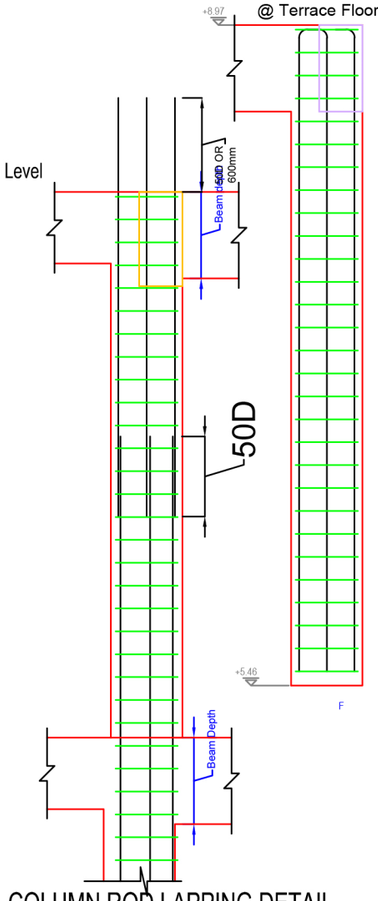
SHEET NO.: 07

O.H.T.	NIL	NIL	NIL	NIL	NIL	
4th floor Roof to Head Room Roof						
F.F Roof to 4th.F Roof						
Stilt Roof level to F.F Roof						
Footing to Stilt Roof level	 area : 2060 sq.mm	 area : 2512 sq.mm	 area : 3220 sq.mm	 area : 4202 sq.mm	 area : 4910 sq.mm	 area : 5892 sq.mm
	C1- COLUMN- 04 Nos.	C2- COLUMN- 07 Nos.	C3- COLUMN- 09 Nos.	C4- COLUMN- 17 Nos.	C5- COLUMN- 15 Nos.	C6- COLUMN- 05 Nos.

COLUMN SIZE VARIATION DETAIL



Note:
1. Column Cover only changes
2. Rings size is same for all floor height



COLUMN ROD LAPPING DETAIL

STRUCTURAL DRAWING FOR THE PROPOSED CONSTRUCTION OF RESIDENTIAL APARTMENT FOR M/s. KHAVIN'S COVE AT AYYAMPERUMAM PATTI, SALEM.

N O T E S :
1. #- DIA OF TORSTEEL
2. DIMENSIONS ARE NOT TO BE SCALED.
3. ALL DIMENSIONS ARE TO BE VERIFIED PROPERLY AT SITE.
4. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.
5.ANY DISCREPANCY IN THE DRG.SHALL BE BROUGHT TO CONSULTANTS NOTES BEFORE EXECUTION.
6. GRADE OF CONCRETE -M20 (fck, 28 DAYS = 20 N/mm2)
7. GRADE OF REINFORCING STEEL fy = 550 N/mm2 `#' DENOTES HIGH YIELD STRENGTH DEFORMED BARS
8. **LAPPING: & CURTAILMENT**
   a) IN BEAMS THE BOTTOM STEEL SHALL BE LAPPED AT SUPPORT & TOP STEEL SHALL BE LAPPED NEAR MID-SPAN
   b) NO LAPPING SHALL BE ALLOWED IN . TOP STEEL OF CANTILEVER BEAMS . TOP STEEL AT CONTINUOUS SUPPORT . BOTTOM STEEL AT MID SPAN
   c) LAP LENGTH SHALL BE = 50 x DIA OF BAR.
   d) REINFORCEMENT CURTAILMENT DISTANCE FOR TOP REINFORCEMENT
   - 0.2 L FROM SUPPORT FOR BOTTOM REINFORCEMENT
   - 0.2 L FROM SUPPORT (L - clear span between supports)
9. CLEAR COVER TO ANY REINFORCEMENT b) BEAMS = 25 mm c) SLABS = 15 mm
10.CRANK DISTANCE: 1/5 TH OF CLEAR SPAN
11.CURTAILED DISTANCE: 1/3 RD FROM THE SUPPORT

All Floor Column Detail

Note : All Column confinement reinforcement are 8# @ 6" c/c
Designed for Stilt+G+4+O.H.T (Restricted)
Quality & Quantity of the Structural element are supervised under client Risk

SBC of Soil assumed to 25 t/sq.m @ 2.0m from EGL

ALL ELEMENTS OF MATERIAL
Concrete Grade : M25 MIX: 1:1:2.5
Steel Grade : Fe 550 D
for P.C.C. : M10
Clear cover : 50mm for Footing [bottom & Side]
40mm for Column [all sides]
25mm for Beam [all sides]
15mm for Slab [bottom & Top]

All dimention are in FEET

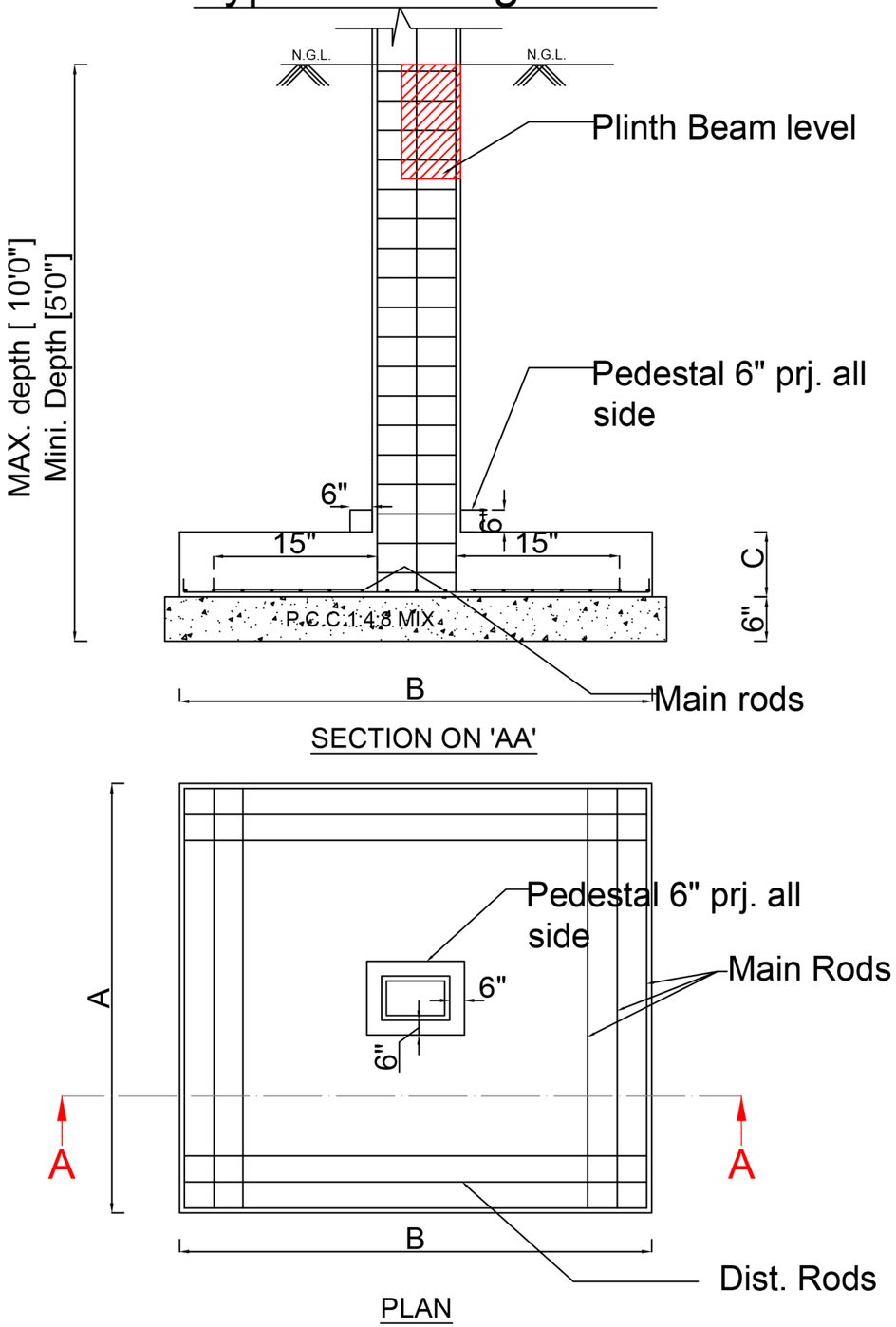
Dia of rod given in mm

DATE: 16.04.2024

SHEET NO.: 04

Er.S.VIJAYAKUMAR,M.E., (Strl),
Vijaysri Structural Consultant & Civil Engineer
Registered Structural Engineer Grade-I
Reg No:12 / RSE-I/2019
5/6-1A. Ninampatti. Attayampatti Via. Rajapalayam (Po),
SALEM (Dt) - 637 501. T.N. Cell:99653 99021.

Typical Footing Detail



Footing Detail [FLAT TYPE]

SHEET NO :02

Footing No	Footing Size A in ft	Footing Size B in ft	Footing Thick C in ft	Pedestal size in ft	Main Rods //el To 'A' side	Dist. Rods //el To 'B' side
F1 COLUMN C1			REFER MAT FOUNDATION MF1			
F2 COLUMN C2	6'6"	7'0"	2'3"	2'0" x 2'6"	12# @ 6" c/c	12# @ 6" c/c
F3 COLUMN C3	7'3"	8'0"	2'3"	1'9" x 3'0"	12# @ 6" c/c	12# @ 6" c/c
F4 COLUMN C4	7'6"	8'6"	2'3"	2'0" x 3'0"	12# @ 6" c/c	12# @ 6" c/c
F5 COLUMN C5	8'6"	9'6"	2'6"	2'0" x 3'0"	12# @ 6" c/c	12# @ 6" c/c
F6 COLUMN C6	9'6"	10'6"	3'0"	2'0" x 3'0"	16# @ 6" c/c	16# @ 6" c/c

STRUCTURAL DRAWING FOR THE PROPOSED CONSTRUCTION OF RESIDENTIAL APARTMENT FOR M/s. KHAVIN'S COVE AT AYYAMPERUMAM PATTI, SALEM.

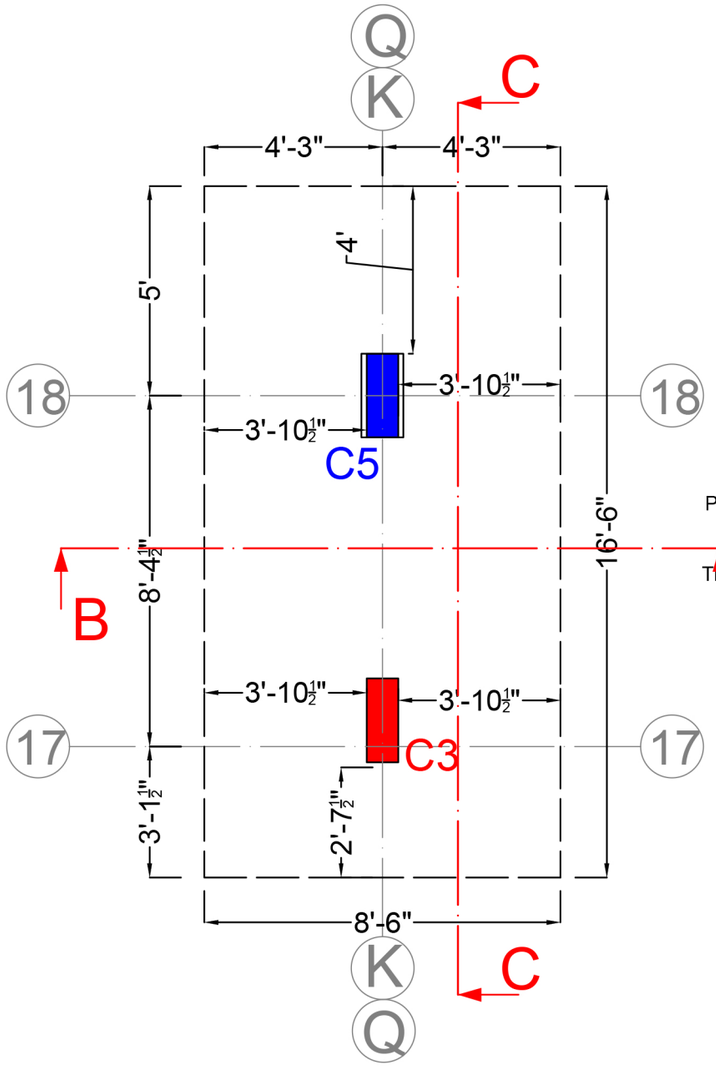
ALL ELEMENTS OF MATERIAL
Concrete Grade : M25 For Footing only
Steel Grade : Fe 550
for P.C.C. : M10
Clear cover : 50mm for Footing [bottom & Side]
40mm for Column [all sides]
25mm for Beam [all sides]
15mm for Slab [bottom & Top]

DATE: 16.04.2024

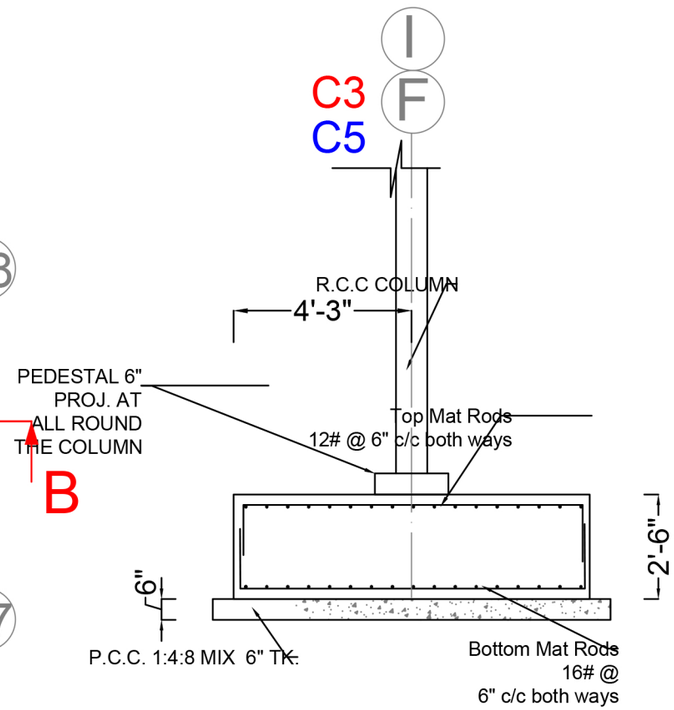
Note:
Concrete Grade : M25
Mix Ratio: 1:1:2.5
Steel Grade : Fe 550
for P.C.C. : M10 : 1:4:8 MIX

All dimention are in FEET
Dia of rod given in mm

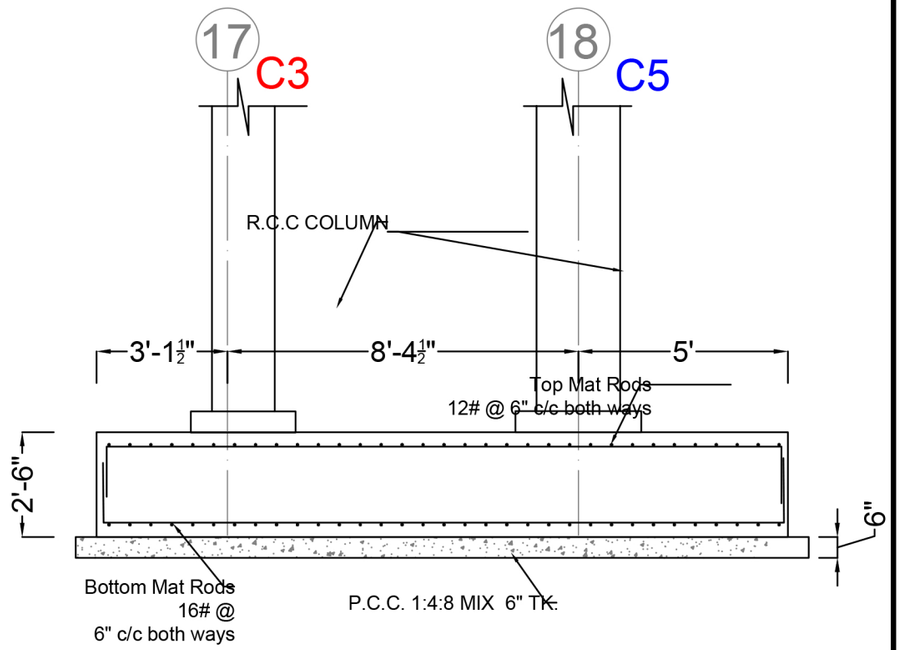
Er.S.VIJAYAKUMAR,M.E., (Strl)
Vijaysri Structural Consultant & Civil Engineer
Registered Structural Engineer Grade-I
Reg No:12 / RSE-I/2019
5/6,1A, Ninampatti, Attayampatti Via, Rajapalayam (Po)
SALEM (Dt) - 637 501. T.N. Cell:99653 99021,



PLAN OF
COMBINED FOOTING CF3



C.S AT - 'B-B' OF CF3



C.S AT - 'C-C' OF CF3

STRUCTURAL DRAWING FOR THE PROPOSED CONSTRUCTION OF RESIDENTIAL APARTMENT FOR M/s. KHAVIN'S COVE AT AYYAMPERUMAM PATTI, SALEM.

Reference:-

Refer Center line Layout Drawing

ALL ELEMENTS OF MATERIAL
Concrete Grade : M25
Steel Grade : Fe 550 D
for P.C.C. : M10
Clear cover : 50mm for Footing [bottom & Side]
40mm for Column [all sides]
25mm for Beam [all sides]
20mm for Slab [bottom & Top]

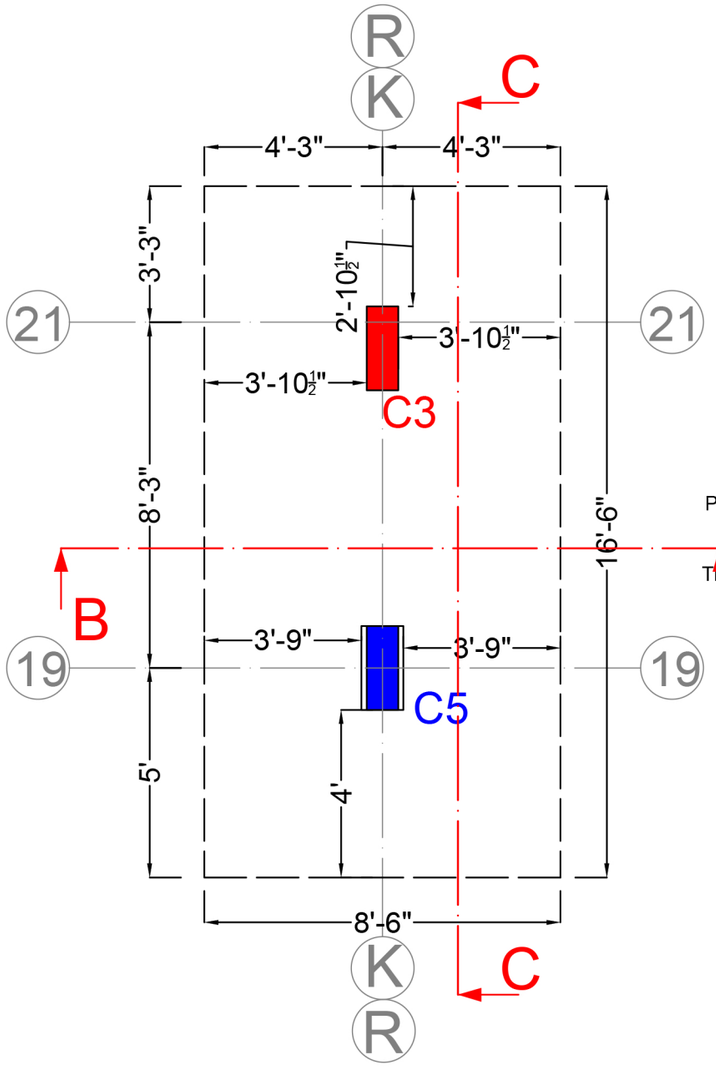
All dimention are in FEET

Dia of rod given in mm

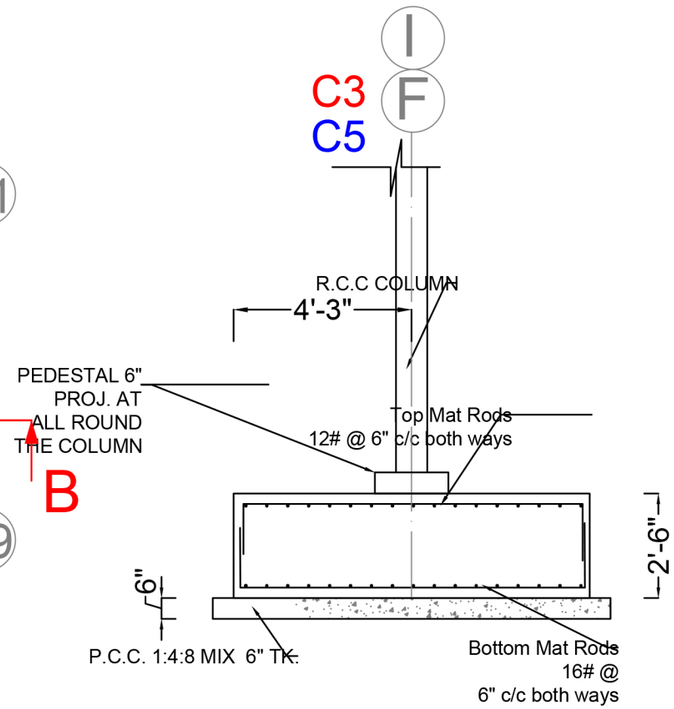
DATE: 16.04.2024

Er.S.VIJAYAKUMAR,M.E., (Strl),
Vijaysri Structural Consultant & Civil Engineer
Registered Structural Engineer Grade-I
Reg No:12 / RSE-I/2019
5/6-1A. Ninampatti. Attayampatti Via. Rajapalayam (Po),
SALEM (Dt) - 637 501. T.N. Cell:99653 99021.

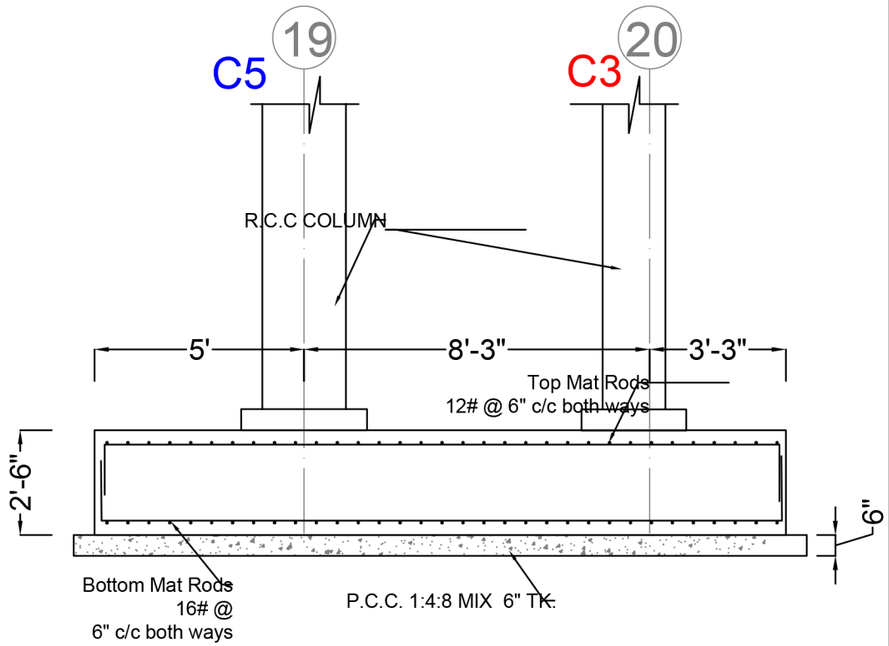
SHEET NO.: 02C



PLAN OF
COMBINED FOOTING CF2



C.S AT - 'B-B' OF CF2



C.S AT - 'C-C' OF CF2

STRUCTURAL DRAWING FOR THE PROPOSED CONSTRUCTION OF RESIDENTIAL APARTMENT FOR M/s. KHAVIN'S COVE AT AYYAMPERUMAM PATTI, SALEM.

Reference:-

Refer Center line Layout Drawing

ALL ELEMENTS OF MATERIAL
Concrete Grade : M25
Steel Grade : Fe 550 D
for P.C.C. : M10
Clear cover : 50mm for Footing [bottom & Side]
40mm for Column [all sides]
25mm for Beam [all sides]
20mm for Slab [bottom & Top]

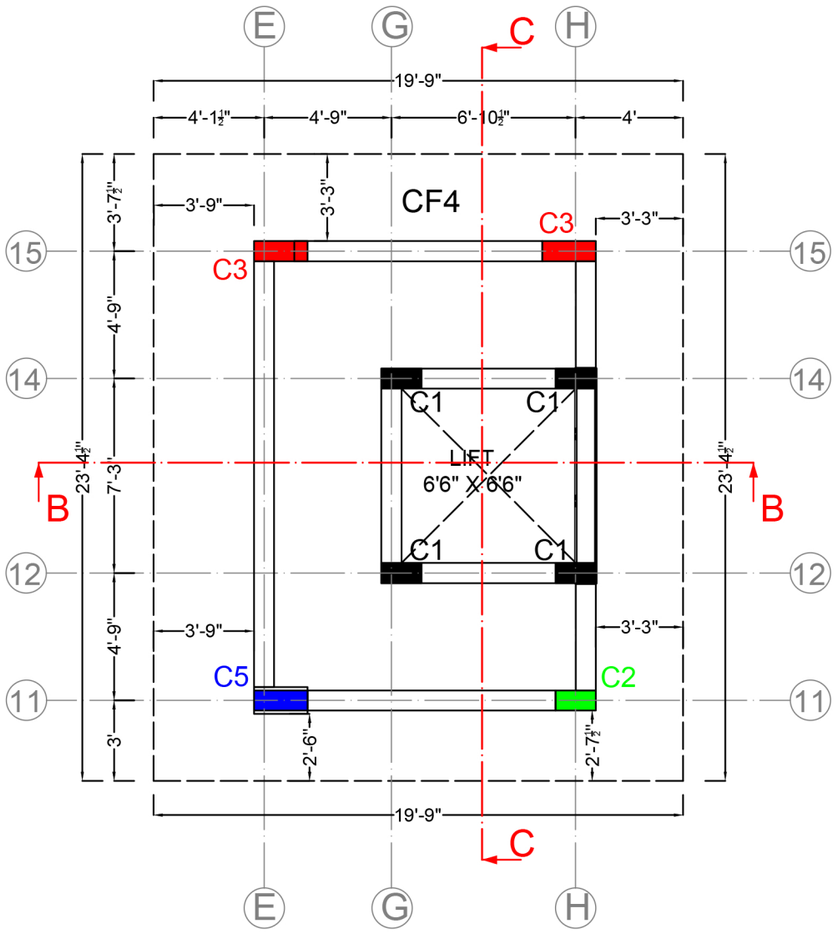
All dimention are in FEET

Dia of rod given in mm

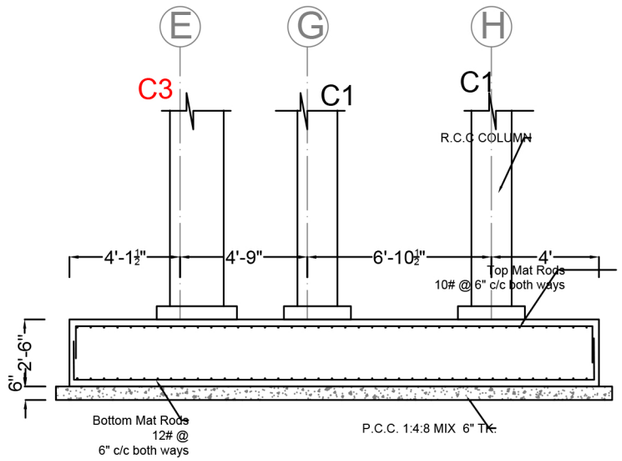
DATE: 16.04.2024

Er.S.VIJAYAKUMAR,M.E., (Strl),
Vijaysri Structural Consultant & Civil Engineer
Registered Structural Engineer Grade-I
Reg No:12 / RSE-I/2019
5/6-1A. Ninampatti. Attayampatti Via. Rajapalayam (Po),
SALEM (Dt) - 637 501. T.N. Cell:99653 99021.

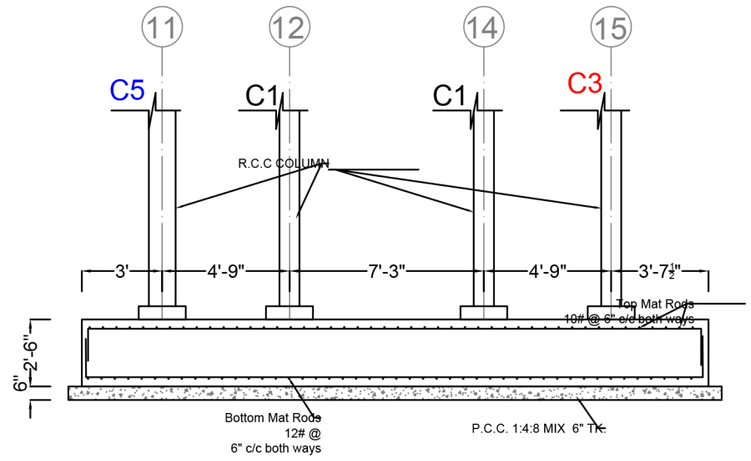
SHEET NO.: 02B



PLAN OF
MAT FOUNDATION MF1



C.S AT - 'B-B' OF MF1



C.S AT - 'C-C' OF MF1

STRUCTURAL DRAWING FOR THE PROPOSED CONSTRUCTION OF RESIDENTIAL APARTMENT FOR M/s. KHAVIN'S COVE AT AYYAMPERUMAM PATTI, SALEM.

Reference:-

Refer Center line Layout Drawing

ALL ELEMENTS OF MATERIAL
Concrete Grade : M25
Steel Grade : Fe 550 D
for P.C.C. : M10
Clear cover : 50mm for Footing [bottom & Side]
40mm for Column [all sides]
25mm for Beam [all sides]
20mm for Slab [bottom & Top]

All dimention are in FEET

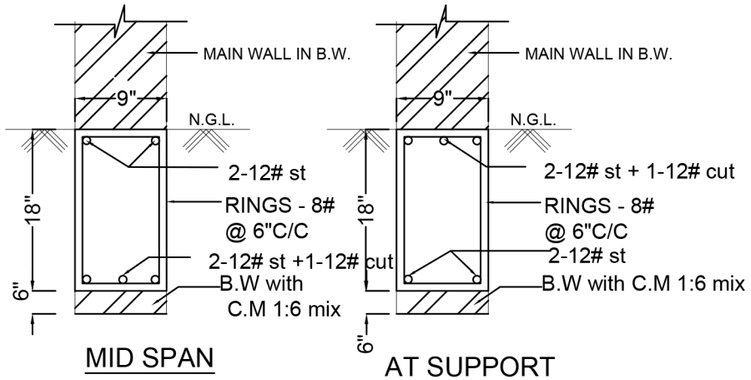
Dia of rod given in mm

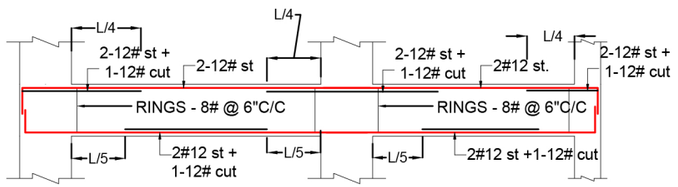
DATE: 16.04.2024

Er.S.VIJAYAKUMAR,M.E., (Strl),
Vijaysri Structural Consultant & Civil Engineer
Registered Structural Engineer Grade-I
Reg No:12 / RSE-I/2019
5/6-1A. Ninampatti. Attayampatti Via. Rajapalayam (Po),
SALEM (Dt) - 637 501. T.N. Cell:99653 99021.

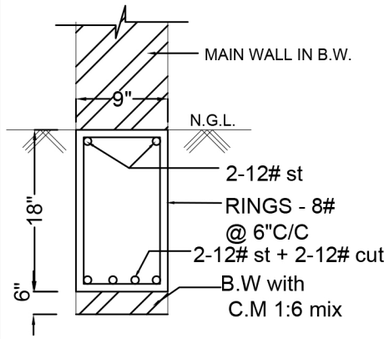
SHEET NO.: 02D

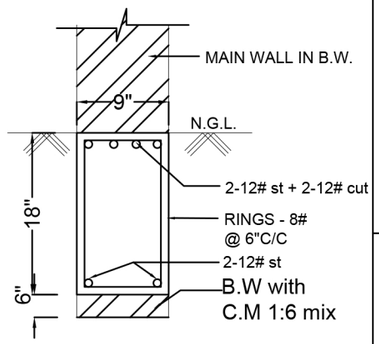
PB1 9" X 18"

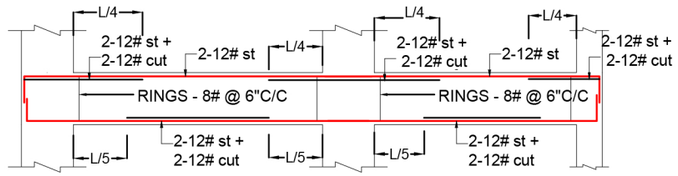




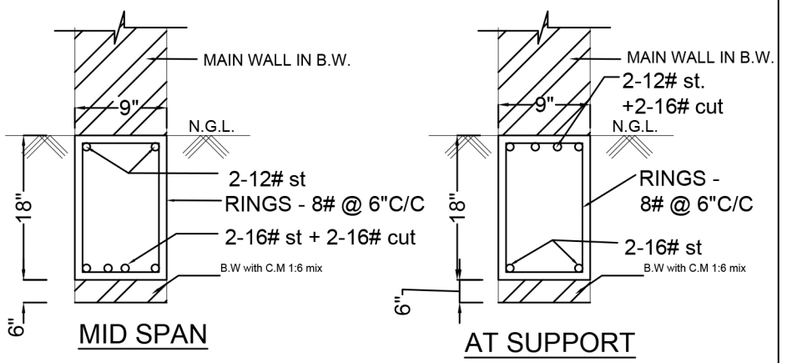
PB2 9" X 18"

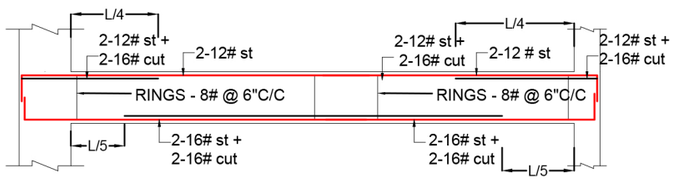




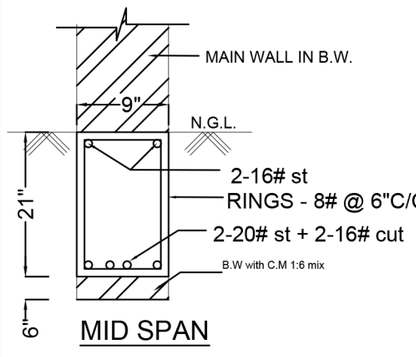


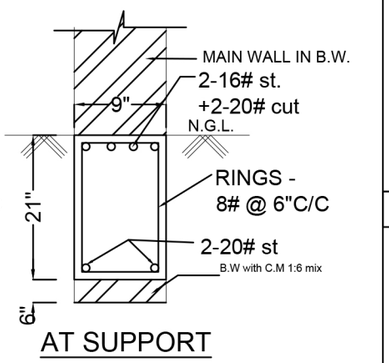
PB3 9" X 18"

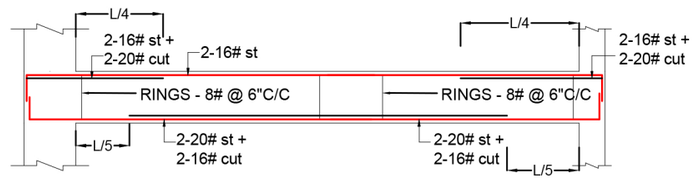


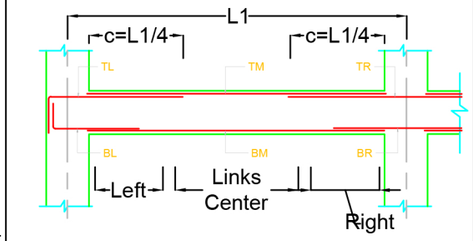


PB4 9" X 21"

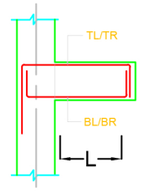




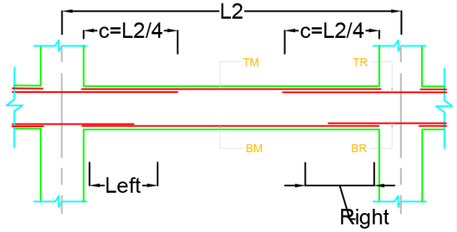




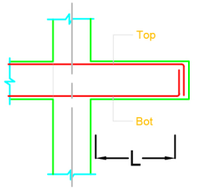
TYPE E1 - END SPAN



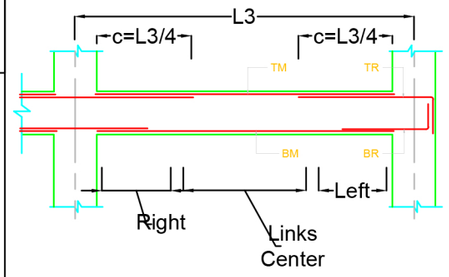
TYPE CB - CANTILEVER



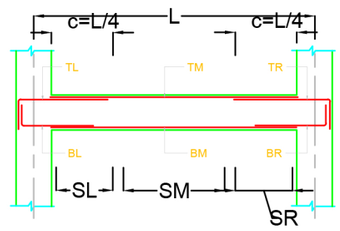
TYPE INT - INTERIOR SPAN



TYPE CA - CANTILEVER

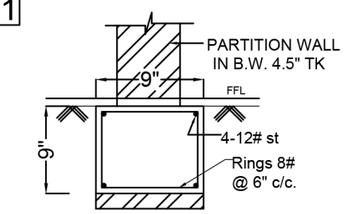


TYPE E2 - END SPAN



TYPE SS - SINGLE SPAN

FB1



FLOOR BEAM DETAIL

STRUCTURAL DRAWING FOR THE PROPOSED CONSTRUCTION OF RESIDENTIAL APARTMENT FOR M/s. KHAVIN'S COVE AT AYYAMPERUMAM PATTI, SALEM.

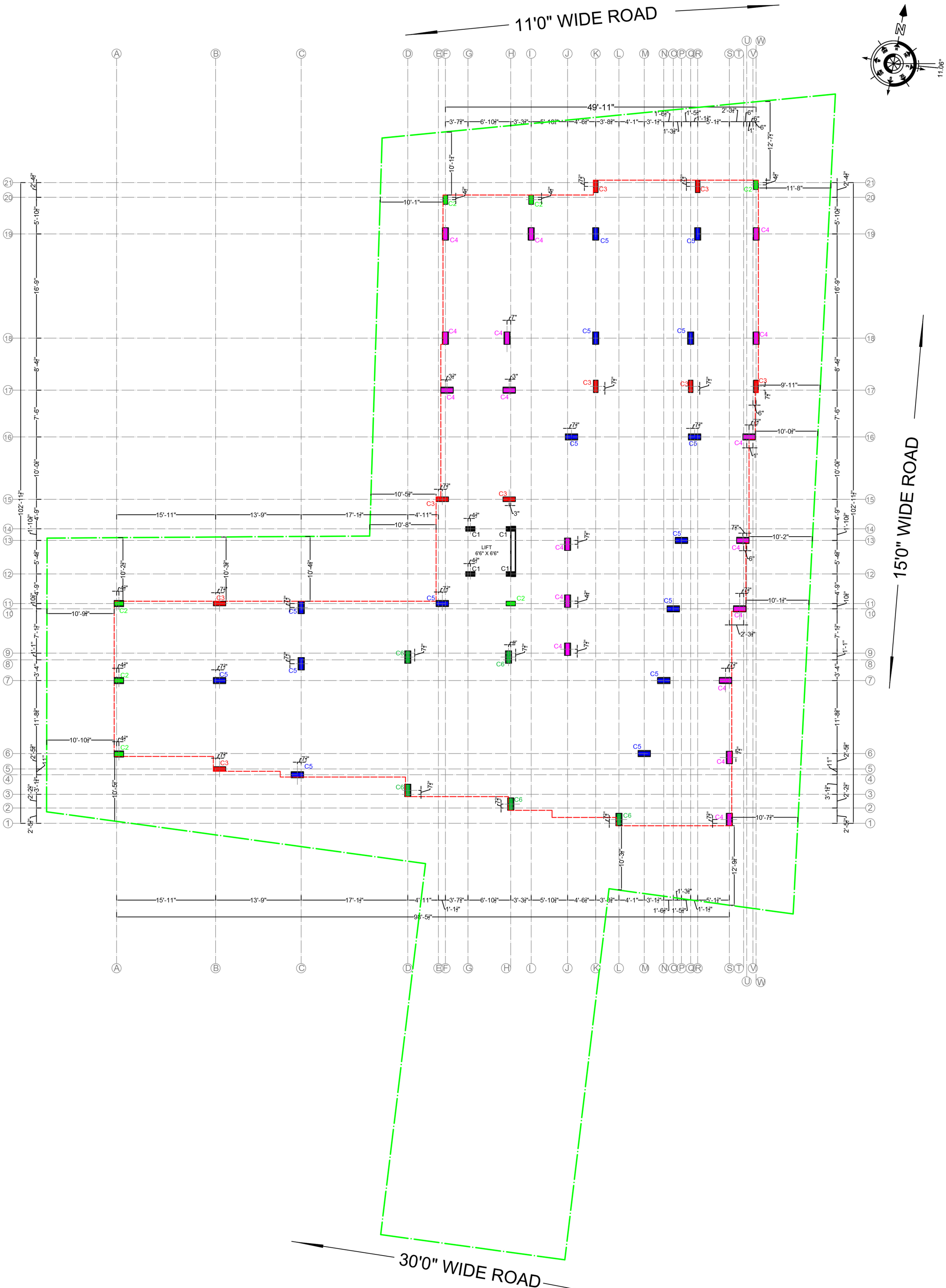
Note:
Concrete Grade : M25 Mix: 1:1:2
Steel Grade : Fe 550D
Clear cover : 25mm
CURTAILED : @ 8th span on both side from face of the support

Er.S.VIJAYAKUMAR,M.E., (Strl),
Vijaysri Structural Consultant & Civil Engineer
Registered Structural Engineer Grade-I
Reg No:12 / RSE-I/2019
5/6-1A, Ninampatti, Attayampatti Via, Rajapalayam (Po),
SALEM (Dt) - 637 501. T.N. Cell:99653 99021.

DATE: 16.04.2024

PLINTH BEAM DETAIL

SHEET NO.: 06



COLUMN LAYOUT

STRUCTURAL DRAWING FOR THE PROPOSED CONSTRUCTION OF RESIDENTIAL APARTMENT FOR M/s. KHAVIN'S COVE AT AYYAMPERUMAM PATTI, SALEM.

N O T E S :

1. #- DIA OF TORSTEEL
2. DIMENSIONS ARE NOT TO BE SCALED.
3. ALL DIMENSIONS ARE TO BE VERIFIED PROPERLY AT SITE.
4. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.
5. ANY DISCREPANCY IN THE DRG.SHALL BE BROUGHT TO CONSULTANTS NOTES BEFORE EXECUTION.
6. GRADE OF CONCRETE -M20 (fck, 28 DAYS = 20 N/mm2)
7. GRADE OF REINFORCING STEEL fy = 550 N/mm2 '#' DENOTES HIGH YIELD STRENGTH DEFORMED BARS
8. LAPPING: & CURTAILMENT
   a) IN BEAMS THE BOTTOM STEEL SHALL BE LAPPED AT SUPPORT & TOP STEEL SHALL BE LAPPED NEAR MID-SPAN
   b) NO LAPPING SHALL BE ALLOWED IN . TOP STEEL OF CANTILEVER BEAMS . TOP STEEL AT CONTINUOUS SUPPORT . BOTTOM STEEL AT MID SPAN
   c) LAP LENGTH SHALL BE = 50 x DIA OF BAR.
   d) REINFORCEMENT CURTAILMENT DISTANCE FOR TOP REINFORCEMENT
   - 0.2 L FROM SUPPORT FOR BOTTOM REINFORCEMENT
   - 0.2 L FROM SUPPORT (L - clear span between supports)
9. CLEAR COVER TO ANY REINFORCEMENT b) BEAMS = 25 mm c) SLABS = 15 mm
10. CRANK DISTANCE: 1/5 TH OF CLEAR SPAN
11. CURTAILED DISTANCE: 1/3 RD FROM THE SUPPORT

Note : All Column confinement reinforcement are 8# @ 6" c/c
Designed for Stilt+G+4+O.H.T (Restricted)
Quality & Quantity of the Structural element are supervised under client Risk

SBC of Soil as per soil report 25 t/sq.m @ 2.0m from EGL.

ALL ELEMENTS OF MATERIAL
Concrete Grade: M25 Mix Ratio: 1:1:2.5
Steel Grade : Fe 550D
for P.C.C. : M10
Clear cover : 50mm for Footing [bottom & Side]
40mm for Column [all sides]
25mm for Beam [all sides]
15mm for Slab [bottom & Top]

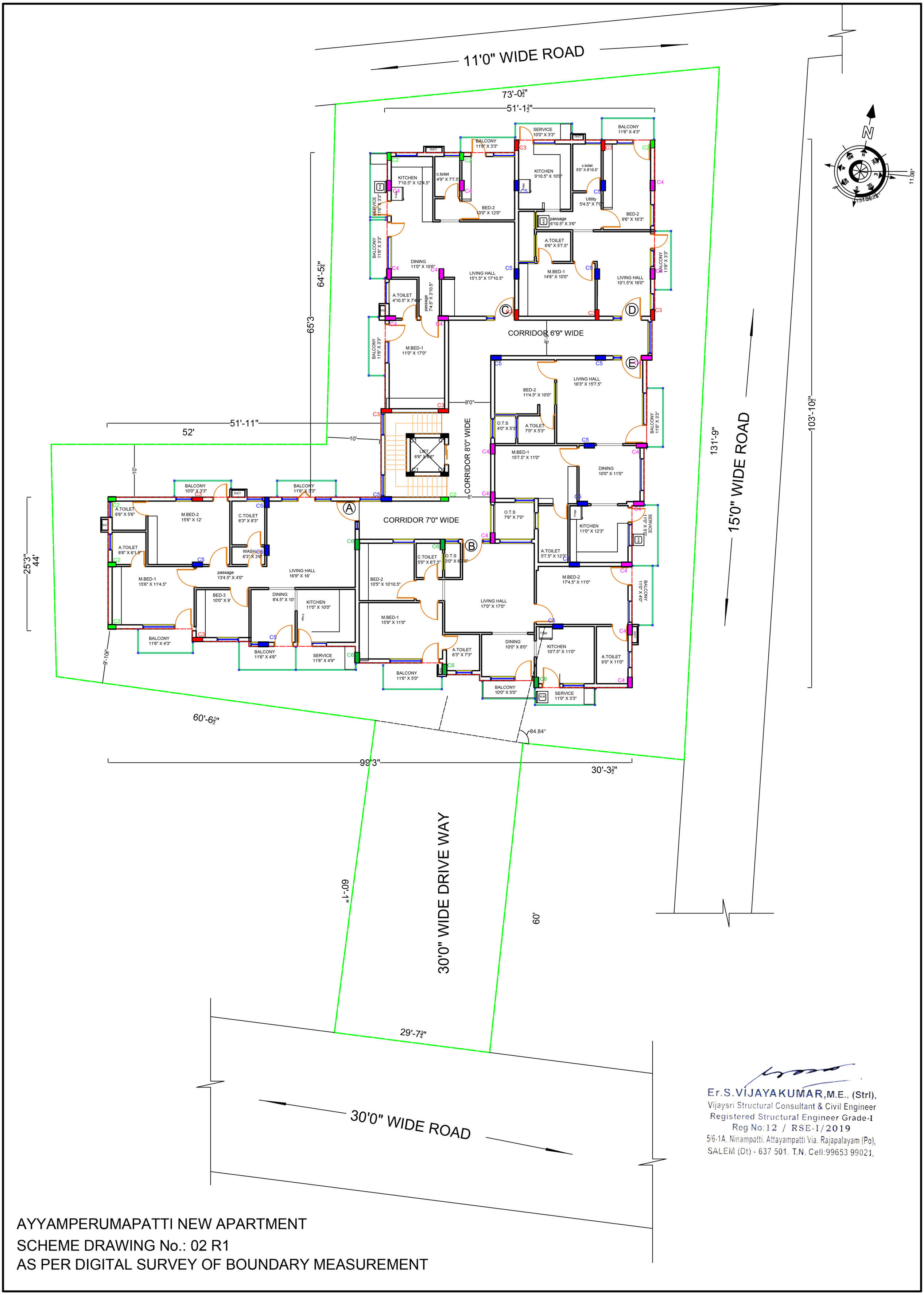
All dimention are in FEET

Dia of rod given in mm

Er.S.VIJAYAKUMAR,M.E., (Strl),
Vijaysri Structural Consultant & Civil Engineer
Registered Structural Engineer Grade-I
Reg No:12 / RSE-I/2019
5/6-1A. Ninampatti. Attayampatti Via. Rajapalayam (Po),
SALEM (Dt) - 637 501. T.N. Cell:99653 99021.

DATE: 16.04.2024

SHEET NO.: 03



Er.S.VIJAYAKUMAR,M.E., (Strl),
Vijaysri Structural Consultant & Civil Engineer
Registered Structural Engineer Grade-I
Reg No:12 / RSE-I/2019
5/6-1A. Ninampatti. Attayampatti Via. Rajapalayam (Po),
SALEM (Dt) - 637 501. T.N. Cell:99653 99021.

AYYAMPERUMAPATTI NEW APARTMENT
SCHEME DRAWING No.: 02 R1
AS PER DIGITAL SURVEY OF BOUNDARY MEASUREMENT

Our services go beyond

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.

Smarter Tools, Stronger Decisions

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™

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