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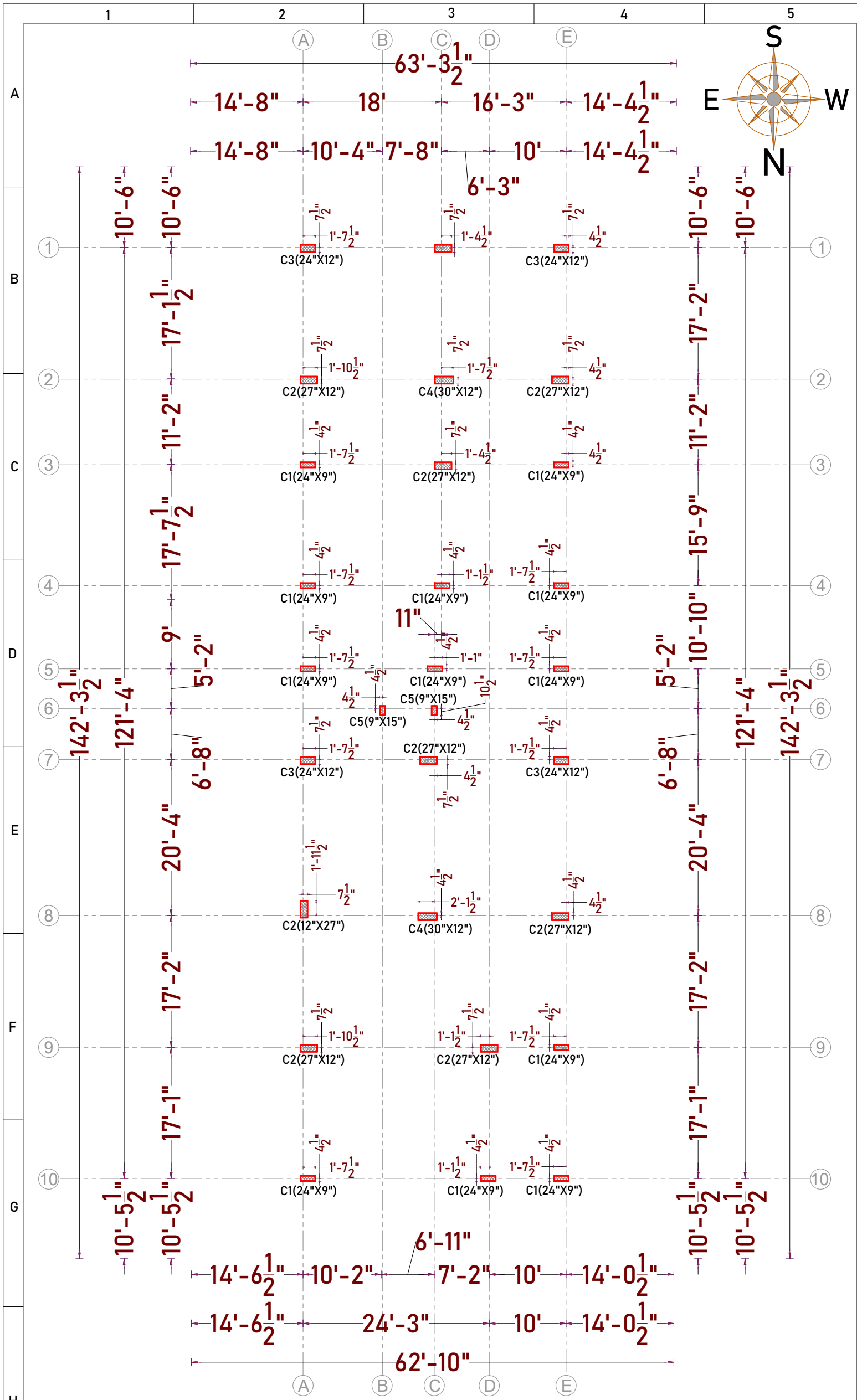
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NOTE:- F5 - COMBINED FOOTING. FOR COMBINED FOOTING REINFORCEMENT USE RESPECTED COLUMN GRID NUMBERS MENTIONED IN COLUMN AND FOOTING SCHEDULE.

REFERENCE: –

- ALL DIMENSIONS ARE IN FEET.
- ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.
- USE MIX M30 FOR ALL COLUMN CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 360Kg/cum AND VOLUME BATCHING THE MIX SHALL BE FROM MIX DESIGN.
- CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.
- HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.
- DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
- DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.
- A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.
- MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
- ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
- SOIL REPORT :- S.B.C. 217.0 KN/M^2 (FOOTING AT 3.0m FROM NATURAL GROUND LEVEL).
- LIVE LOAD :- 2 KN/M^2.
- FOUNDATION DESIGNED FOR - STILT + FIVE FLOORS + OHT + HEAD ROOM.
- BUILDING DESIGN FOR CHAMBER BRICKS ONLY.
- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

Drawn and Design R.BHARATHI.M.E., Chd : BALAJI.M

Structural Consultant:- Er.BALAJI.M.E.,(struct).,

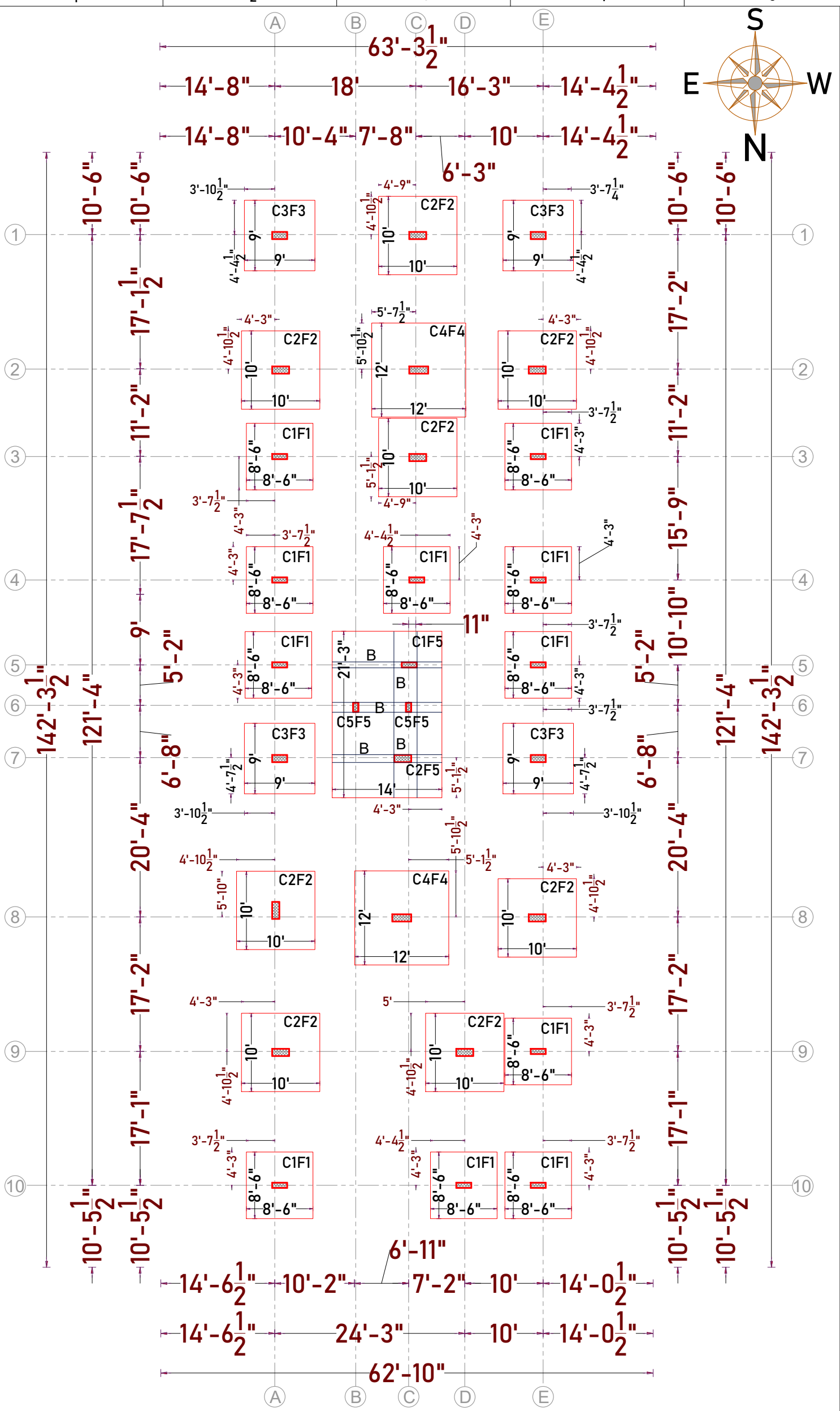
TITLE:-COLUMN AXIS LAYOUT

PROPOSED VAKAMAN SANKALP - PROPOSED APARTMENT BUILDING AT COIMBATORE.

Date : 10-08-2024

Drg No :D/Jobs/D.N.A./ Vakaman Sankalp/ Full Set Of Structural Details.

ARCHITECT :
Design n Architectural Studio India pvt ltd
110, 3rd Street, Robertson Road,
PM Swamy Colony, RS Puram,
STUDIO Coimbatore 641002 ph : +422-4367779



NOTE:- F5 - COMBINED FOOTING. FOR COMBINED FOOTING REINFORCEMENT USE RESPECTED COLUMN GRID NUMBERS MENTIONED IN COLUMN AND FOOTING SCHEDULE.

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- HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.
- DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
- DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.
- A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.
- MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
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- ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
- SOIL REPORT :- S.B.C. 217.0 KN/M^2 (FOOTING AT 3.0m FROM NATURAL GROUND LEVEL).
- LIVE LOAD :- 2 KN/M^2.
- FOUNDATION DESIGNED FOR - STILT + FIVE FLOORS + OHT + HEAD ROOM.
- BUILDING DESIGN FOR CHAMBER BRICKS ONLY.
- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

Drawn and Design R.BHARATHI.M.E.,

Chd : BALAJI.M

Structural Consultant:- Er.BALAJI.M.E.,(struct).,

TITLE:-FOOTING AXIS LAYOUT

PROJECTS.VAKAMAN SANKALP - PROPOSED APARTMENT BUILDING AT COIMBATORE.

Date : 10-08-2024

Drg No :D/Jobs/D.N.A./ Vakaman Sankalp/ Full Set Of Structural Details.

ARCHITECT :
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STUDIO Coimbatore 641002 ph : +422-4367779

COLUMN AND FOOTING REINFORCEMENT SCHEDULE:-

SL.NO	COLUMN SCHEDULE: TYPE	COLUMN SIZE	COLUMN REINFORCEMENT	COLUMN RINGS 8 mm Ø BARS	FOOTING SCHEDULE: SIZE L x B	DEPTH (TOTAL) D	STEEL: STEEL (a)	STEEL: STEEL (b)	SECTION	GRID NO
1.	C1F1	9"X 24"	24" × 9" • 8 X 20Y + ○ 6 X 16Y	@ Support 4" C/c @ Midspan 7" C/c	8'6" X 8'6"	27"	10 # @ 6" C/c TOP & BOTTOM LAYERS	10 # @ 6" C/c	A - A	A - 3, E - 3, A - 4, C - 4, E - 4, A - 5, C - 5, E - 5, E - 9, A - 10, D - 10, E - 10. Nos - 12
2.	C2F2	12"X 27"	27" × 12" • 6 X 25Y + ○ 6 X 20Y	@ Support 4" C/c @ Midspan 7" C/c	10'0"X10'0"	30"	10 # @ 6" C/c TOP & BOTTOM LAYERS	10 # @ 6" C/c	A - A	C - 1, A - 2, E - 2, C - 3, C - 7, A - 8, E - 8, A - 9, D - 9. Nos - 9
3.	C3F3	12"X 24"	24" × 12" • 4 X 25Y + ○ 8 X 20Y	@ Support 4" C/c @ Midspan 7" C/c	9'0" X 9'0"	27"	10 # @ 6" C/c TOP & BOTTOM LAYERS	10 # @ 6" C/c	A - A	A - 1, E - 1, A - 7, E - 7. Nos - 4
4.	C4F4	12"X 30"	30" × 12" • 8 X 25Y + ○ 4 X 20Y	@ Support 4" C/c @ Midspan 7" C/c	12'0"X12'0"	36"	10 # @ 6" C/c TOP & BOTTOM LAYERS	10 # @ 6" C/c	A - A	C - 2, C - 8. Nos - 2
5.	C5FC	9" X 15"	15" × 9" • 10 X 16Y	@ Support 4" C/c @ Midspan 7" C/c	4'11"X8'0"	30"	12 # @ 5" C/c TOP & BOTTOM LAYERS	12 # @ 5" C/c	A - A	B -6, C - 6. Nos - 2 REFER THE FOOTING LAYOUT

NOTE:- "C3" NAMED COLUMNS (12" X 24") SIZE TO BE RESIZED FROM FOOTING LAYOUT AS (18"X30") UP TO NATURAL GROUND LEVEL.

REFERENCE: –

- ALL DIMENSIONS ARE IN FEET.
- ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 – 2000.
- USE MIX M30 – ALL COLUMN CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 360Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1: 2.
- CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM: 30mm, SLAB: 20mm.
- HIGH YIELD DEFORMED BARS CONFIRMING IS–1786–1985 BE USED. Fe – 500 GRADE.
- DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
- DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.
- A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.

SOIL REPORT :- S.B.C. 217 kN/M ^{2} (3.0m DEPTH) LIVE LOAD :- 2 kN/M ^{2}

- MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
- ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
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- BUILDING DESIGN FOR CHAMBER BRICKS ONLY.
- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

Drawn and Design : R.BHARATHI.M.E., | Chd : BALAJI.M | Date : 10-08-2024

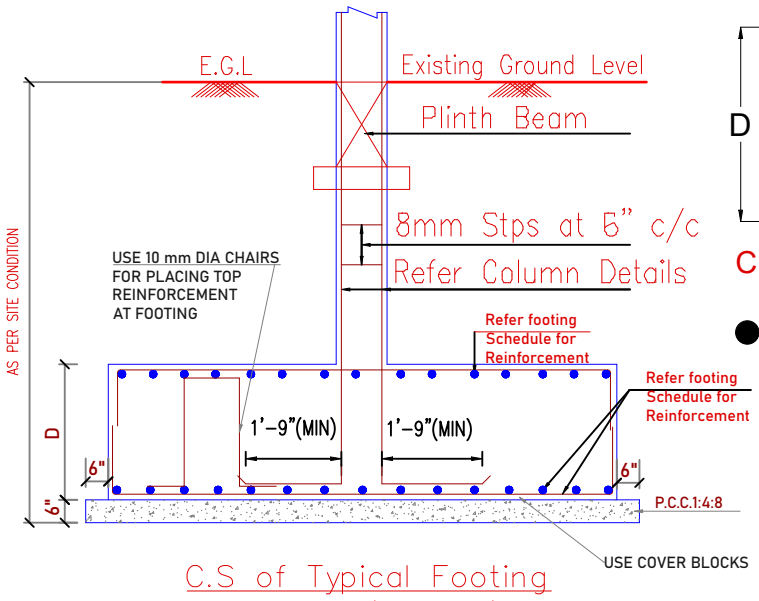
Drg No :D/Jobs/D.N.A./ Vakaman Sankalp/ Full Set Of Structural Details.

PROJECT: RAMANI REALTORS - PROPOSED RESIDETIAL APARTMENT BUILDING AT COIMBATORE.

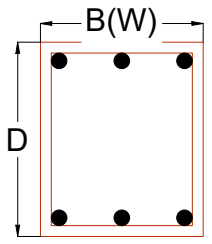
TITLE:- REV.COLUMN AND FOOTING REINFORCEMENT DETAILS.

Structural consultant:- Er.BALAJI.M.E.,(struct).

ARCHITECT :
DN STUDIO
Design n Architectural Studio India pvt ltd
110, 3rd Street, Robertson Road,
PM Swamy Colony, RS Puram,
Coimbatore 641002 ph : +422-4367779



C.S of Typical Footing
Section 'A – A'



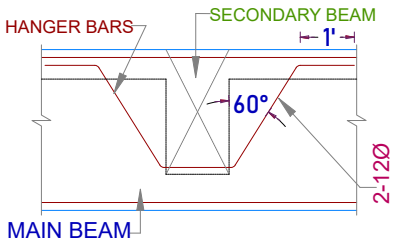
B - BREATH OF COLUMN

D - DEPTH OF FOUNDATION

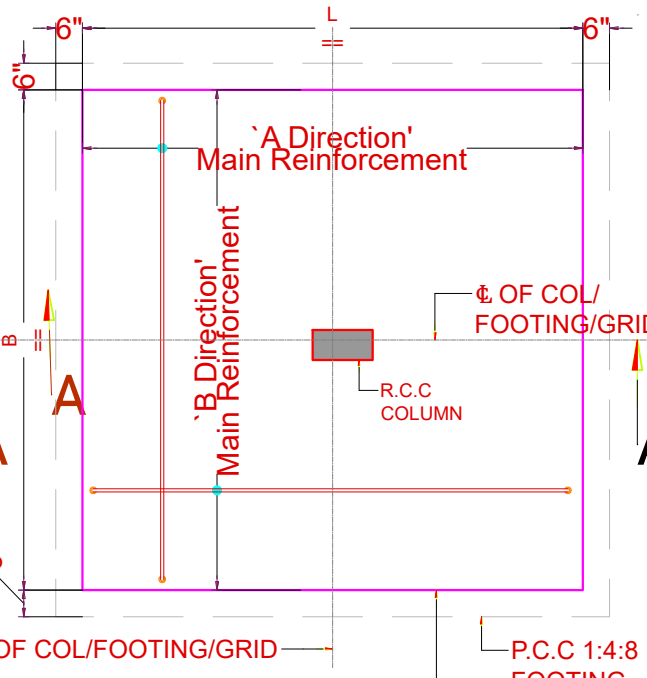
W - WIDTH OF COLUMN

C.S. OF BEAM

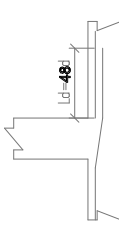
● - 6 X 16mm Ø DUCTILE DETAILS;-



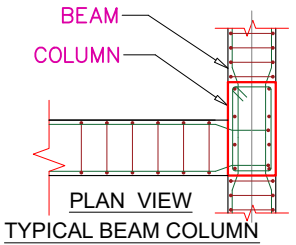
DET. OF HANGER BARS IN MAIN BEAM



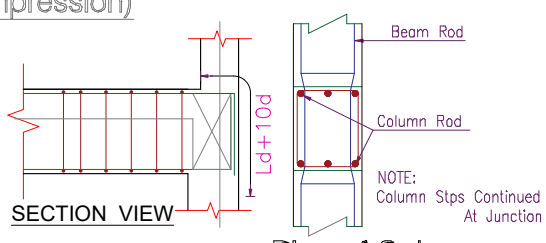
TYPICAL SPREAD FOOTING PLAN



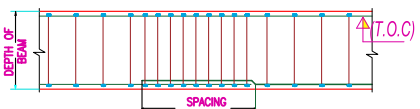
Anchorage Length (Compression)



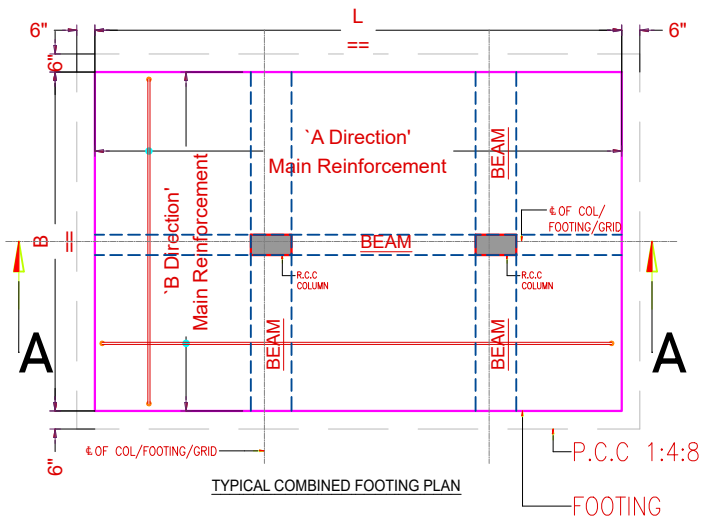
TYPICAL BEAM COLUMN JUNCTION DETAIL



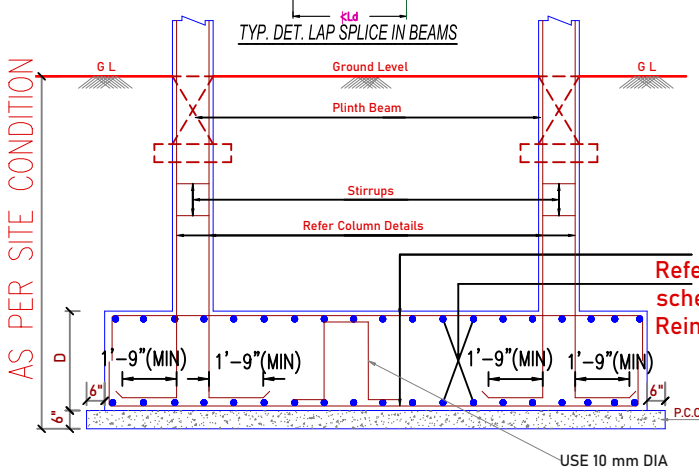
Plan of Column - - Beam Junction



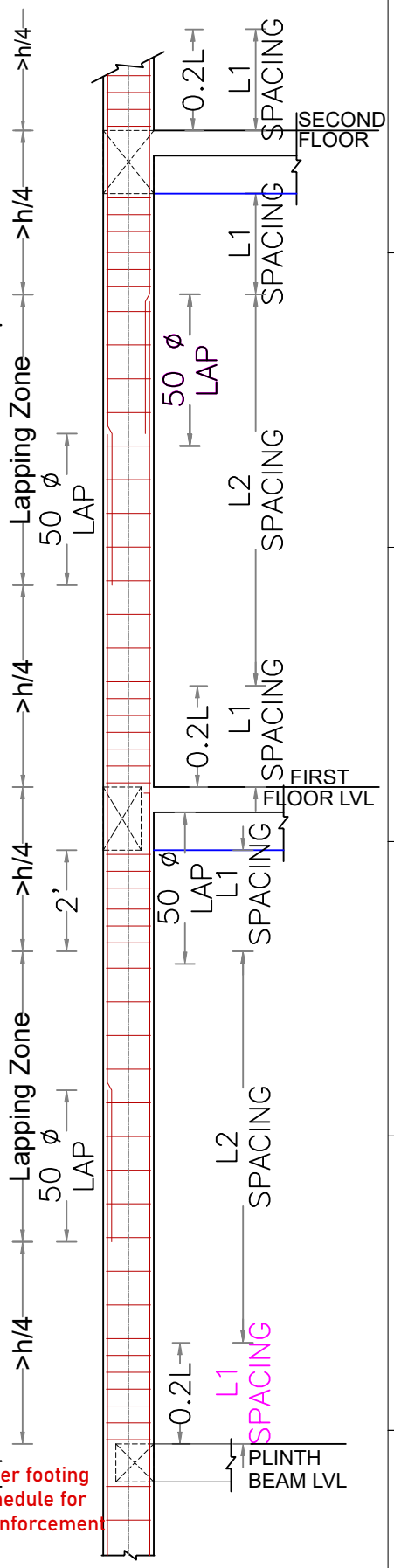
TYP. DET. LAP SPLICE IN BEAMS



TYPICAL COMBINED FOOTING PLAN



C.S of Combined Footing
Section 'A –A'



TYPICAL COLUMN SECTION DETAIL

Notes:

SOIL REPORT :- S.B.C. 217.00 kN/M ^{2}

LIVE LOAD :- 2 kN/M ^{2}

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- IF FLOOR TO FLOOR IS MORE THAN 10' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
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- REST OF FOUNDATION IS ON HARD STRATA. CONFIRM BEFORE PLACING THE P.C.C. FOR FOOTING.

Drawn and Design : R.BHARATHI.M.E,

Chd : BALAJI.M Date : 10-08-2024

Drg No :D/Jobs/D.N.A./ Vakaman Sankalp/ Full Set Of Structural Details.

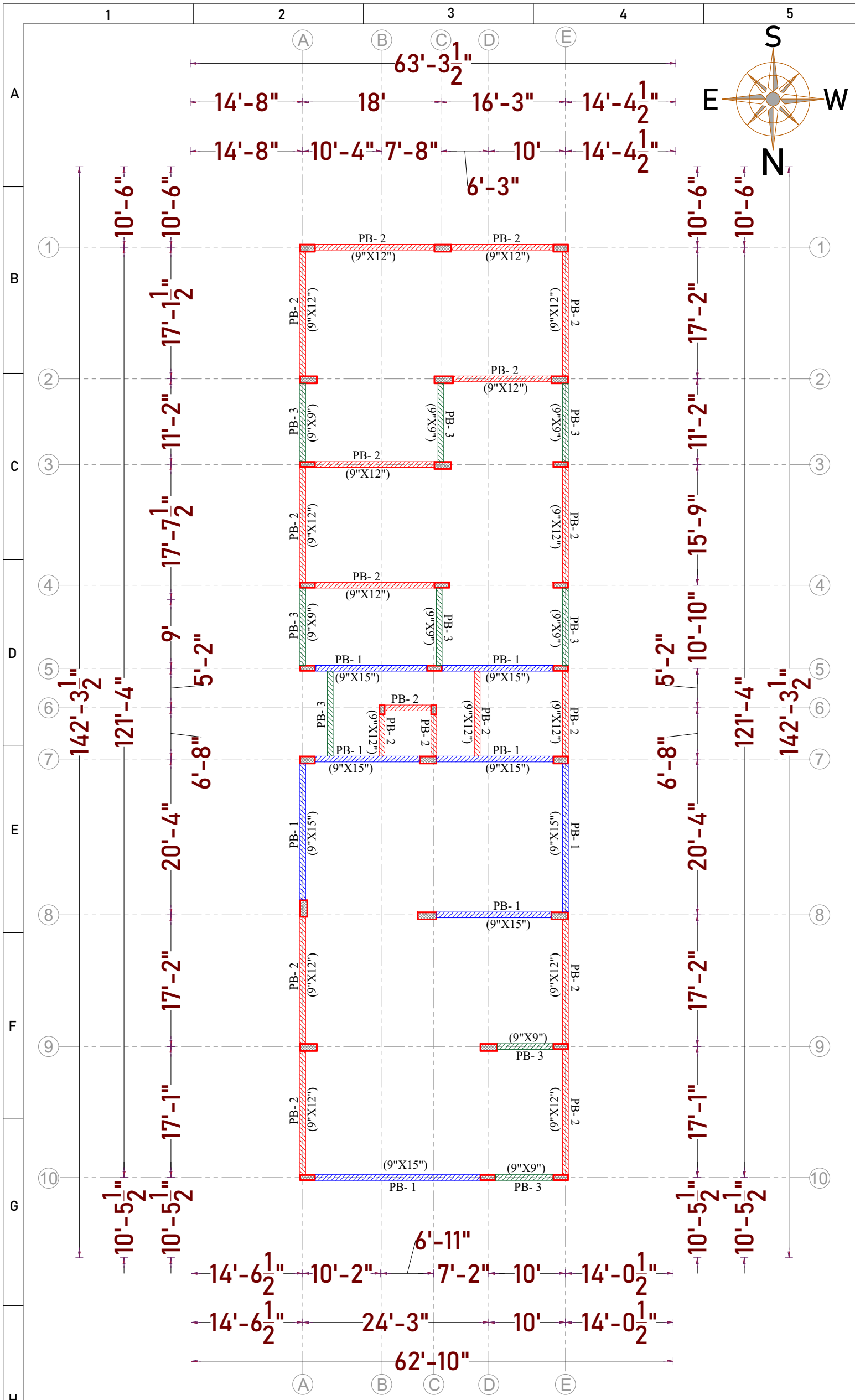
PROJECT: VAKAMAN SANKALP - PROPOSED APARTMENT BUILDING AT COIMBATORE.

TITLE: COLUMN AND FOOTING CROSS SECTION DETAILS.

Structural consultant:-

Er.BALAJI.M.E.,(struct).,

ARCHITECT :
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Drawn and Design R.BHARATHI.M.E., | Chd : BALAJI.M | Structural Consultant:- Er.BALAJI.M.E.,(struct).,

TITLE:-PLINTH BEAM LAYOUT

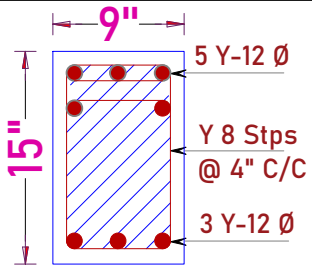
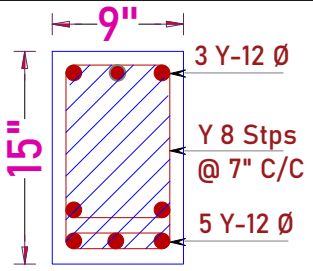
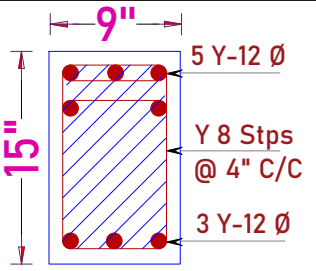
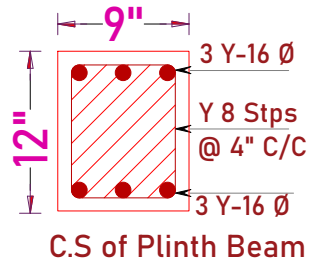
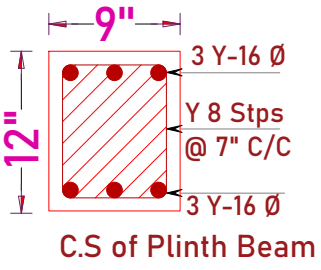
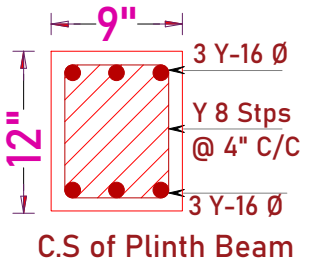
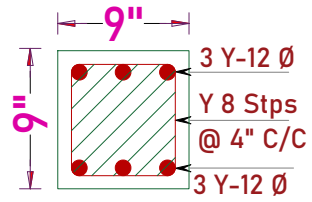
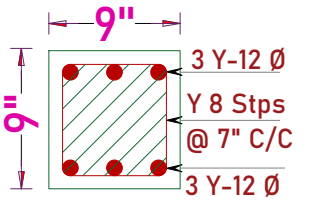
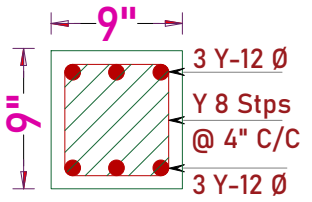
PROJECTS.VAKAMAN SANKALP - PROPOSED APARTMENT BUILDING AT COIMBATORE.

Date : 10-08-2024

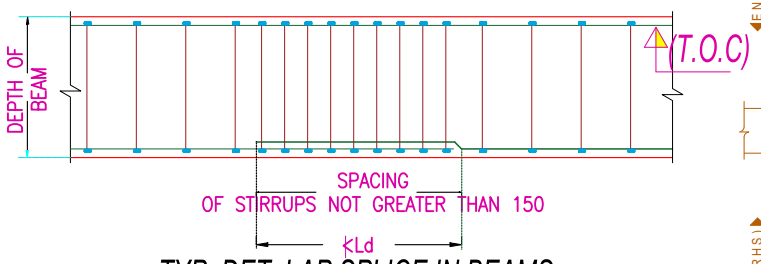
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110, 3rd Street, Robertson Road,
PM Swamy Colony, RS Puram,
Coimbatore 641002 ph : +422-4367779

PLINTH BEAM REINFORCEMENT DETAILS:-

SL.NO	SIZE	NAME	L.H.S	MID	R.H.S
1.	9" X 15"	P.B- 1	 C.S of Plinth Beam	 C.S of Plinth Beam	 C.S of Plinth Beam
2.	9" X 12"	P.B- 2	 C.S of Plinth Beam	 C.S of Plinth Beam	 C.S of Plinth Beam
3.	9" X 9"	P.B- 3	 C.S of Plinth Beam	 C.S of Plinth Beam	 C.S of Plinth Beam

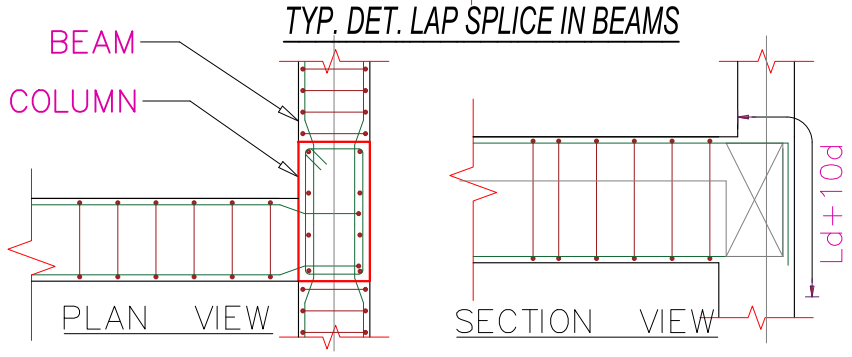
DUCTILE DETAILS; –



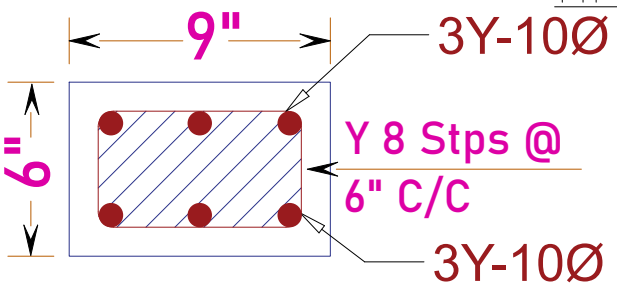
TYP. DET. LAP SPLICE IN BEAMS

NOTE:-

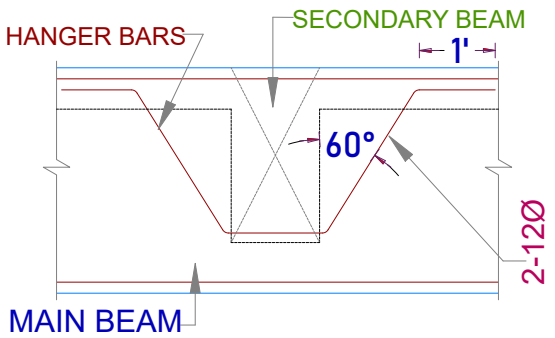
IF BASEMENT HEIGHT IS MORE THAN 3'6", MUST PROVIDE THE TIE BEAM AT THE TOP OF BASEMENT.



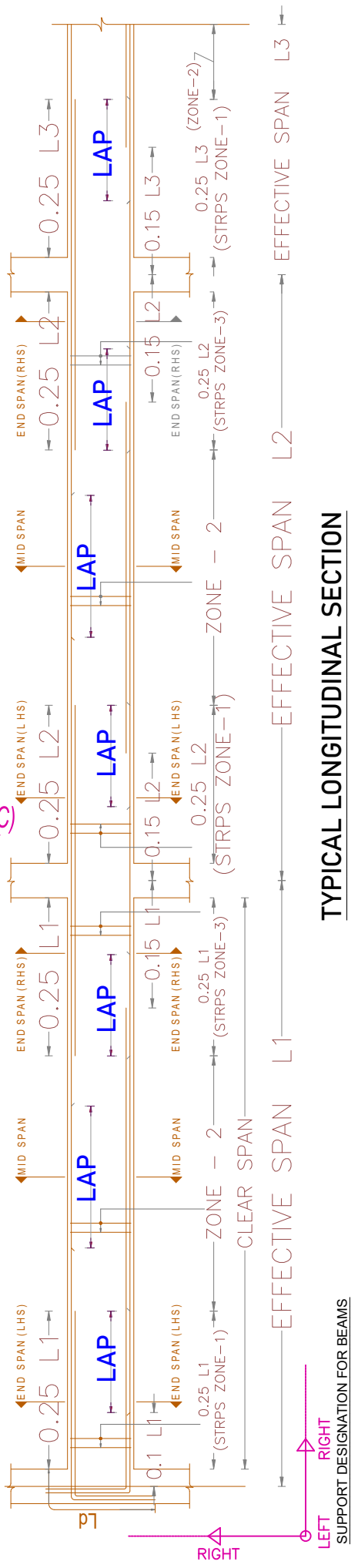
TYPICAL BEAM COLUMN JUNCTION DETAIL



C.S of 9" X 6" Size Tie Beam.



DET. OF HANGER BARS IN MAIN BEAM



TYPICAL LONGITUDINAL SECTION

REFERENCE:-

- ALL DIMENSIONS ARE IN FEET.
- ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.
- USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.
- CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.
- HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.
- DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
- A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.
- MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
- ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
- BUILDING DESIGN FOR CHAMBER BRICKS ONLY.
- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.
- DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.

Drawn and Design : R.BHARATHI.M.E.,

Date : 10-08-2024 | Chd : BALAJI.M

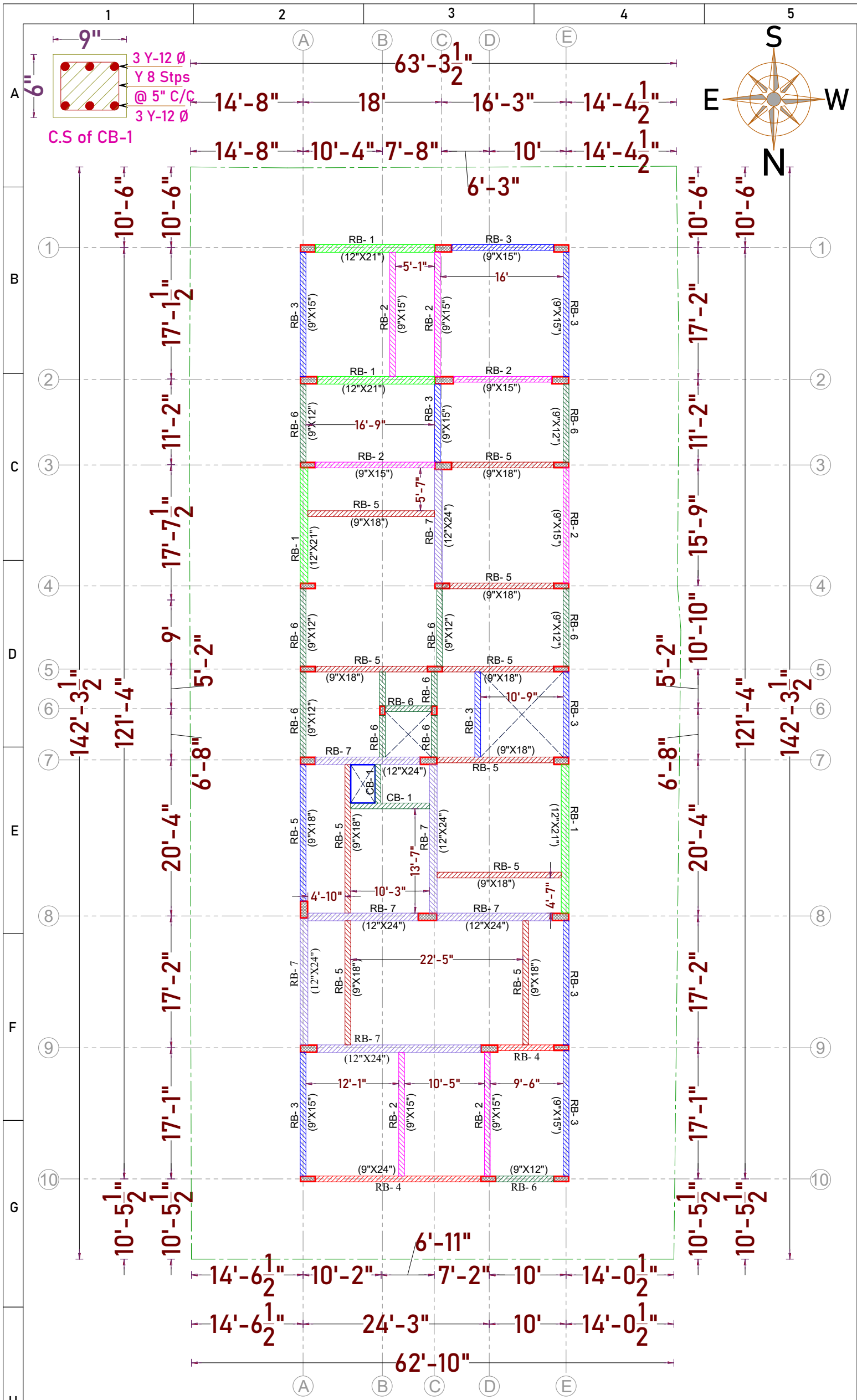
Drg No :D/Jobs/D.N.A./ Vakaman Sankalp/ Full Set Of Structural Details.

PROJECT: VAKAMAN SANKALP PROPOSED APARTMENT BUILDING AT COIMBATORE.

TITLE:- PLINTH BEAM CROSS SECTION AND REINFORCEMENT DETAILS.

Structural Consultant:-
Er.BALAJI.M.E.,(struct).

ARCHITECT :
Design n Architectural Studio India pvt ltd
110, 3rd Street, Robertson Road,
PM Swamy Colony, RS Puram,
Coimbatore 641002 ph : +422-4367779



REFERENCE: –

- ALL DIMENSIONS ARE IN FEET.
- ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.
- USE MIX M30 FOR ALL COLUMN CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 360Kg/cum AND VOLUME BATCHING THE MIX SHALL BE FROM MIX DESIGN.
- CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.
- HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.
- DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
- DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.
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- MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
- ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
- SOIL REPORT :- S.B.C. 217.0 KN/M^2 (FOOTING AT 3.0m FROM NATURAL GROUND LEVEL).
- LIVE LOAD :- 2 KN/M^2.
- FOUNDATION DESIGNED FOR - STILT + FIVE FLOORS + OHT + HEAD ROOM.
- BUILDING DESIGN FOR CHAMBER BRICKS ONLY.
- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

Drawn and Design R.BHARATHI.M.E.,

Chd : BALAJI.M

Structural Consultant:- Er.BALAJI.M.E.,(struct).,

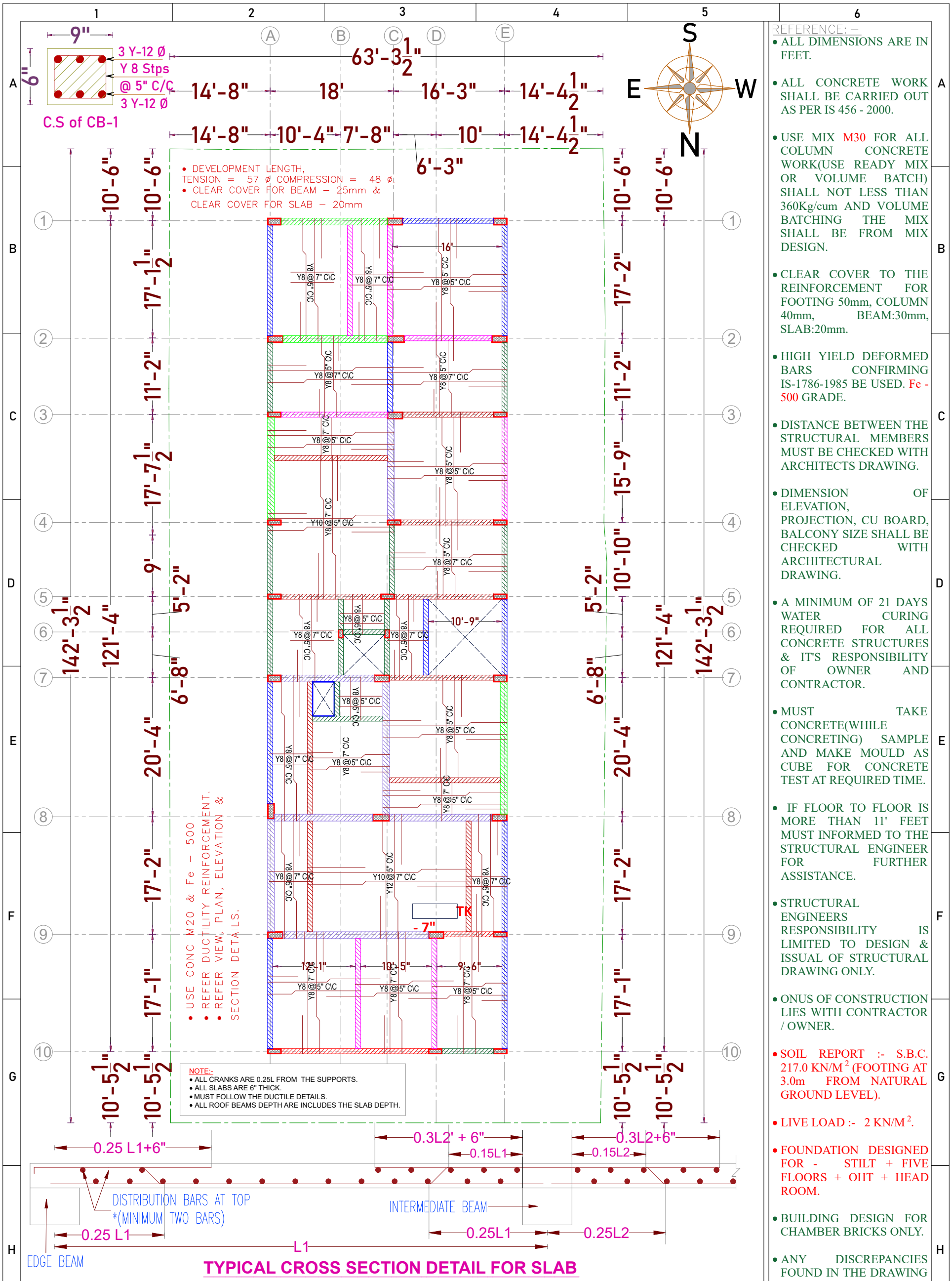
TITLE:-ROOF BEAM LAYOUT

DETAILS.VAKAMAN SANKALP - PROPOSED APARTMENT BUILDING AT COIMBATORE.

Date : 10-08-2024

Drg No :D/Jobs/D.N.A./ Vakaman Sankalp/ Full Set Of Structural Details.

ARCHITECT :
Design n Architectural Studio India pvt ltd
110, 3rd Street, Robertson Road,
PM Swamy Colony, RS Puram,
Coimbatore 641002 ph : +422-4367779



TYPICAL CROSS SECTION DETAIL FOR SLAB

REFERENCE: –

- ALL DIMENSIONS ARE IN FEET.
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- USE MIX M30 FOR ALL COLUMN CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 360Kg/cum AND VOLUME BATCHING THE MIX SHALL BE FROM MIX DESIGN.
- CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.
- HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.
- DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
- DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.
- A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.
- MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
- IF FLOOR TO FLOOR IS MORE THAN 11' FEET MUST INFORMED TO THE STRUCTURAL ENGINEER FOR FURTHER ASSISTANCE.
- STRUCTURAL ENGINEERS RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY.
- ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / OWNER.
- SOIL REPORT :- S.B.C. 217.0 KN/M^2 (FOOTING AT 3.0m FROM NATURAL GROUND LEVEL).
- LIVE LOAD :- 2 KN/M^2.
- FOUNDATION DESIGNED FOR - STILT + FIVE FLOORS + OHT + HEAD ROOM.
- BUILDING DESIGN FOR CHAMBER BRICKS ONLY.
- ANY DISCREPANCIES FOUND IN THE DRAWING SHOULD BROUGHT TO THE NOTICE OF ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY, BEFORE ANY FURTHER EXECUTION OF WORK ON SITE.

Drawn and Design : R.BHARATHI.M.E.,

Chd : BALAJI.M

Structural Consultant:- Er.BALAJI.M.E.,(struct).,

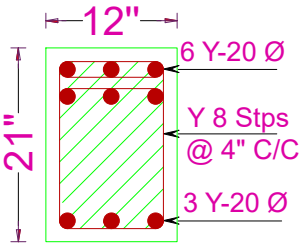
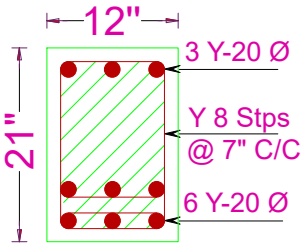
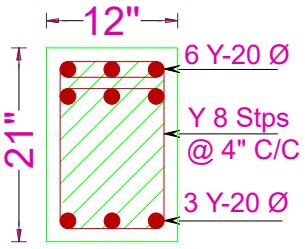
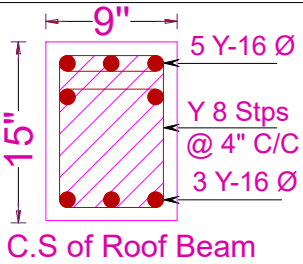
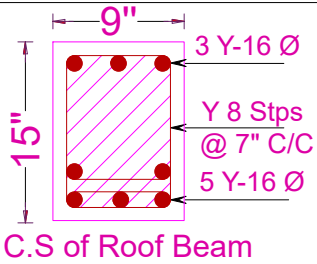
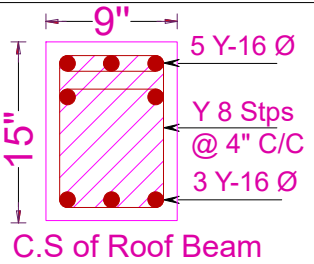
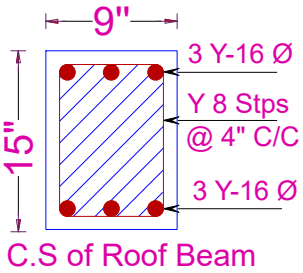
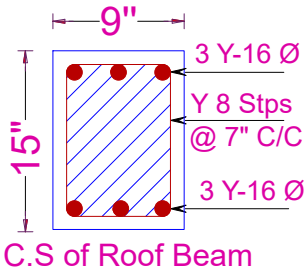
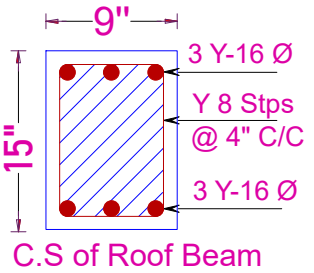
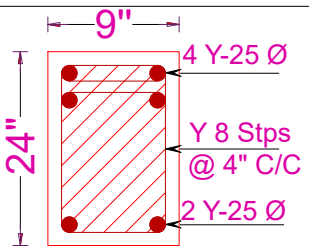
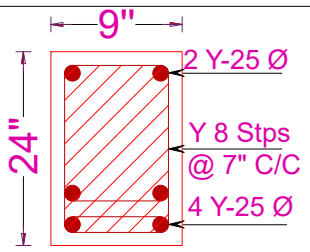
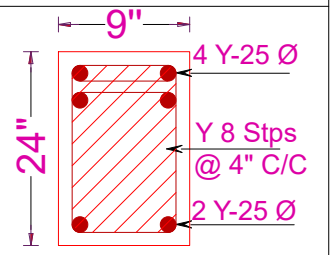
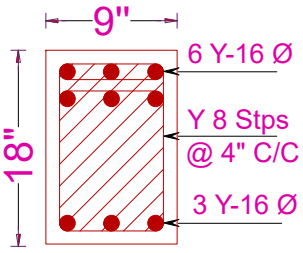
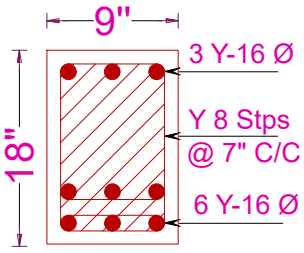
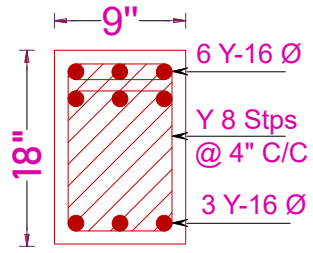
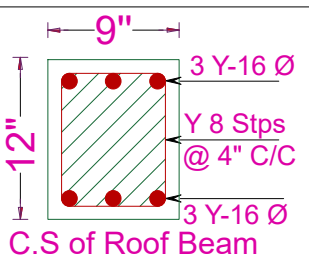
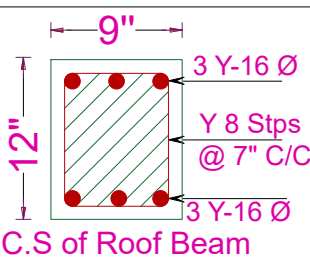
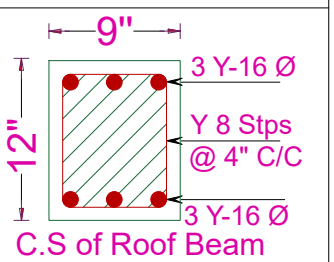
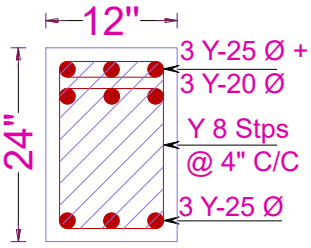
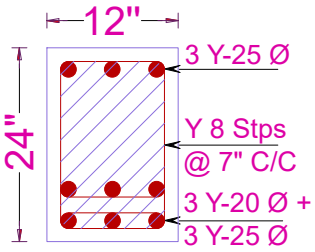
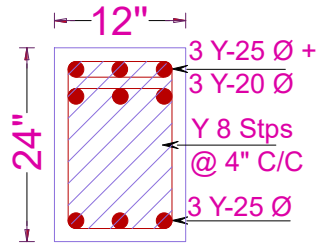
TITLE:-ROOF SLAB LAYOUT

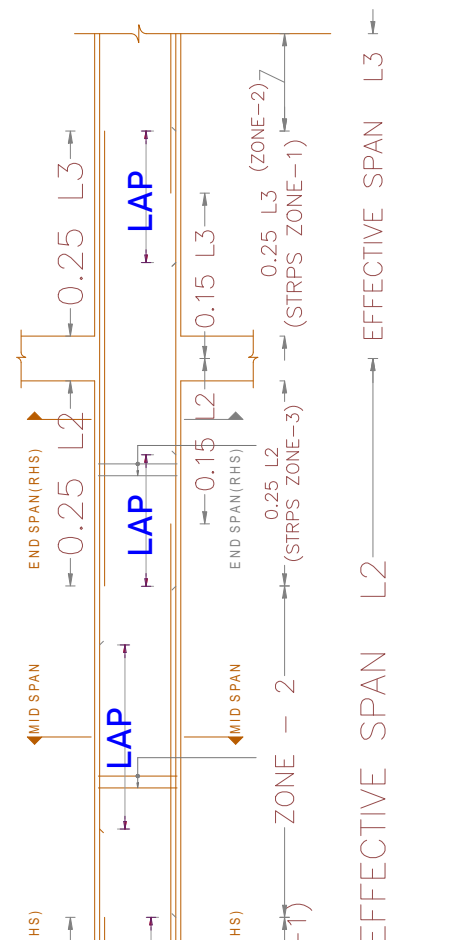
DETAILS.VAKAMAN SANKALP - PROPOSED APARTMENT BUILDING AT COIMBATORE.

Date : 10-08-2024

Drg No :D/Jobs/D.N.A./ Vakaman Sankalp/ Full Set Of Structural Details.

ARCHITECT :
Design n Architectural Studio India pvt ltd
110, 3rd Street, Robertson Road,
PM Swamy Colony, RS Puram,
Coimbatore 641002 ph : +422-4367779

Sl.No	Size	Name	L.H.S	MID	R.H.S
1.	12" X 21"	R.B- 1	 C.S of Roof Beam	 C.S of Roof Beam	 C.S of Roof Beam
2.	9" X 15"	R.B- 2	 C.S of Roof Beam	 C.S of Roof Beam	 C.S of Roof Beam
3.	9" X 15"	R.B- 3	 C.S of Roof Beam	 C.S of Roof Beam	 C.S of Roof Beam
4.	9" X 24"	R.B- 4	 C.S of Roof Beam	 C.S of Roof Beam	 C.S of Roof Beam
5.	9" X 18"	R.B- 5	 C.S of Roof Beam	 C.S of Roof Beam	 C.S of Roof Beam
6.	9" X 12"	R.B- 6	 C.S of Roof Beam	 C.S of Roof Beam	 C.S of Roof Beam
7.	12" X 24"	R.B- 7	 C.S of Roof Beam	 C.S of Roof Beam	 C.S of Roof Beam



REFERENCE:-

- ALL DIMENSIONS ARE IN FEET.
- ALL CONCRETE WORK SHALL BE CARRIED OUT AS PER IS 456 - 2000.
- USE MIX M20 FOR ALL CONCRETE WORK(USE READY MIX OR VOLUME BATCH) SHALL NOT LESS THAN 320Kg/cum AND VOLUME BATCHING THE MIX SHALL BE 1: 1.5:3.
- CLEAR COVER TO THE REINFORCEMENT FOR FOOTING 50mm, COLUMN 40mm, BEAM:30mm, SLAB:20mm.
- HIGH YIELD DEFORMED BARS CONFIRMING IS-1786-1985 BE USED. Fe - 500 GRADE.
- DISTANCE BETWEEN THE STRUCTURAL MEMBERS MUST BE CHECKED WITH ARCHITECTS DRAWING.
- A MINIMUM OF 21 DAYS WATER CURING REQUIRED FOR ALL CONCRETE STRUCTURES & IT'S RESPONSIBILITY OF OWNER AND CONTRACTOR.
- MUST TAKE CONCRETE(WHILE CONCRETING) SAMPLE AND MAKE MOULD AS CUBE FOR CONCRETE TEST AT REQUIRED TIME.
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- DIMENSION OF ELEVATION, PROJECTION, CU BOARD, BALCONY SIZE SHALL BE CHECKED WITH ARCHITECTURAL DRAWING.

Drawn and Design : BHARATHI.R

Date :10-08-2024 Chd BALAJI.M

Drg No :D/Jobs/D.N.A./ Vakaman Sankalp/ Full Set Of Structural Details.

PROJECT: VAKAMAN SANKALP - PROPOSED APARTMENT BUILDING AT COIMBATORE.

TITLE:-TYPICAL FLOOR ROOF BEAM REINFORCEMENT DETAILS.

STRUCTURAL CONSULTANT:-

Er.BALAJI.M.E.,(struct).,

ARCHITECT :

Design n Architectural Studio India pvt ltd
110, 3rd Street, Robertson Road,
PM Swamy Colony, RS Puram,
Coimbatore 641002 ph : +422-4367779



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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™

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