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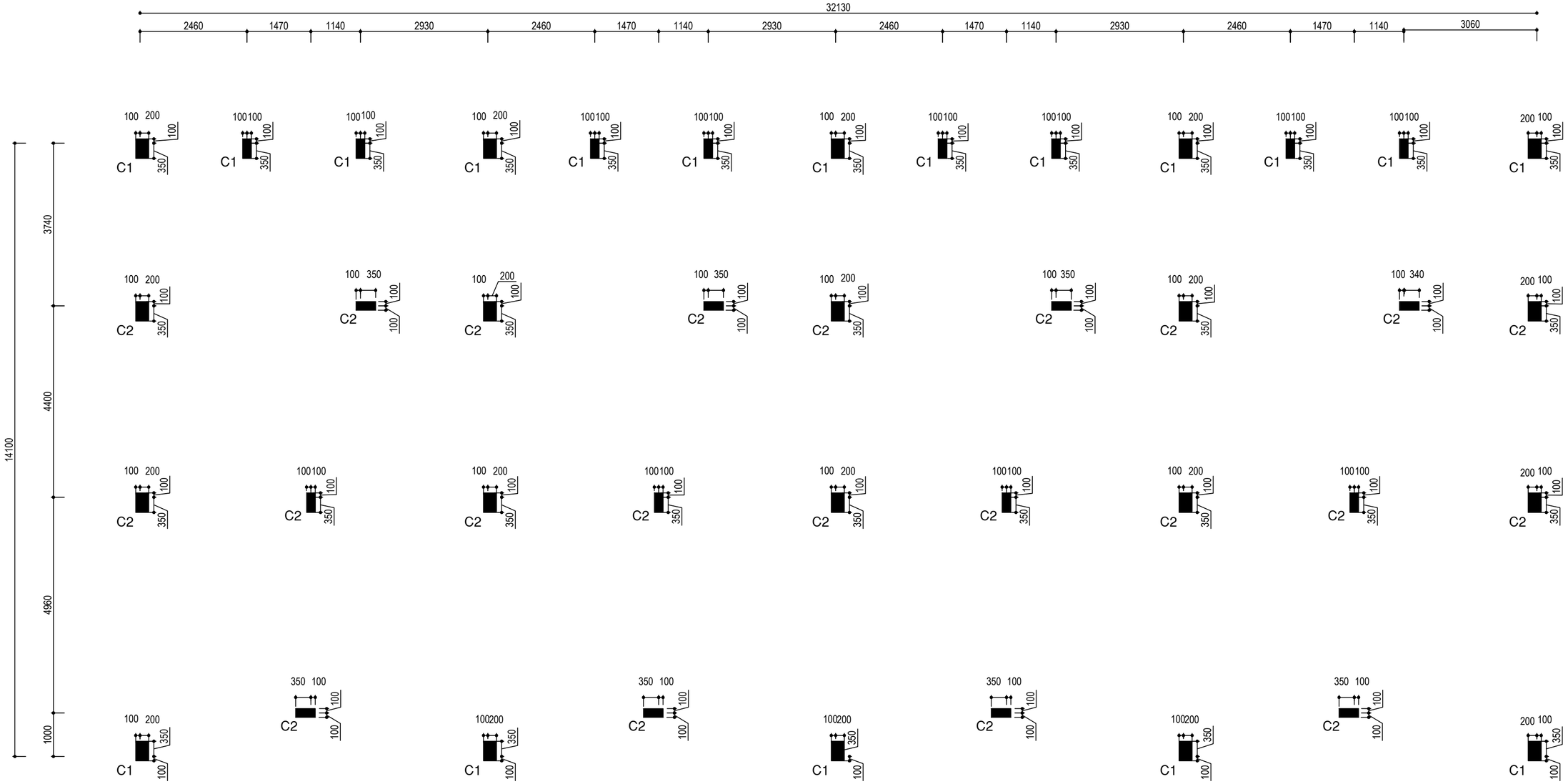
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COLUMN LAYOUT
(SCALE 1:50)

NOTES:

1. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE THE EXECUTION OF WORK.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALL OTHER RELEVANT DRAWINGS.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
4. USE CONCRETE - M25.
5. ALL REINFORCEMENTS SHALL BE OF GRADE Fe550 CONFIRMING IS-1786
6. FOOTING DESIGNED FOR P+1 ONLY.
7. NO ADMIXTURES SHALL BE ADDED WITHOUT PERMISSION OF CONSULTANT
8. CLEAR COVER TO REINFORCEMENT FOR
   a) FOUNDATION: 50MM.
   b) BEAM: 30MM. c) COLUMN: 40MM. d) SLAB: 25MM.
9. SBC OF SOIL CONSIDERED AS 21T/SQM AS PER SOIL REPORT
10. LAPPING SHALL BE 50 TIMES DIA. OF THE BAR
11. STRUCTURAL DETAILED DRAWINGS ARE ISSUED FOR P+1 ONLY.
12. DE-SHUTTERING PERIOD AS PER IS 456
13. ALL SORTS OF PRECAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION.
14. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.

Nithya T, B.Arch.,
Registered Architect
Council of Architecture
CA / 2018 / 91465 Valid Till : 31 / 12 / 2029
G-3, Block - 3, Shivani Apartments, 40, East Coast Road,
Thiruvanmiyur, Chennai - 600 041. Tamilnadu.
Phone : 98849 14921
E-mail : nithyat.leo@gmail.com

SIGNATURE OF ARCHITECT

Er.S.MOSES ARANGANATHAN
B.E., M.E(Struct.) FIE, FIA(Struct.)., FIV.,
DTCP Registered Structural Engineer-Grade-I (RSE)
DTCP Reg.No. TVLR/RSE/Gr-I/2024/07/006
Maduravoyal, Chennai - 600095
Email Id: moseessomu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

Rev.	Description
R0	ISSUE FOR APPROVAL

PROJECT TITLE:

PHASE-2 PODIUM

CLIENT:

GT BHARATHI URBAN DEVELOPERS PVT. LTD.
OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:

GCON ENGINEERS
A COMPLETE CIVIL ENGINEERING FIRM
email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. BLOCK 06-A6-05

DRAWING TITLE:

COLUMN LAYOUT

DRAWN:	DESIGNED:	APPROVED:	STAGE:
M.CHITRA	HARI	G.G	APPROVAL
SCALE: 1:50	DATE: 19-11-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24223/SD/CL/01

REVISION: R0

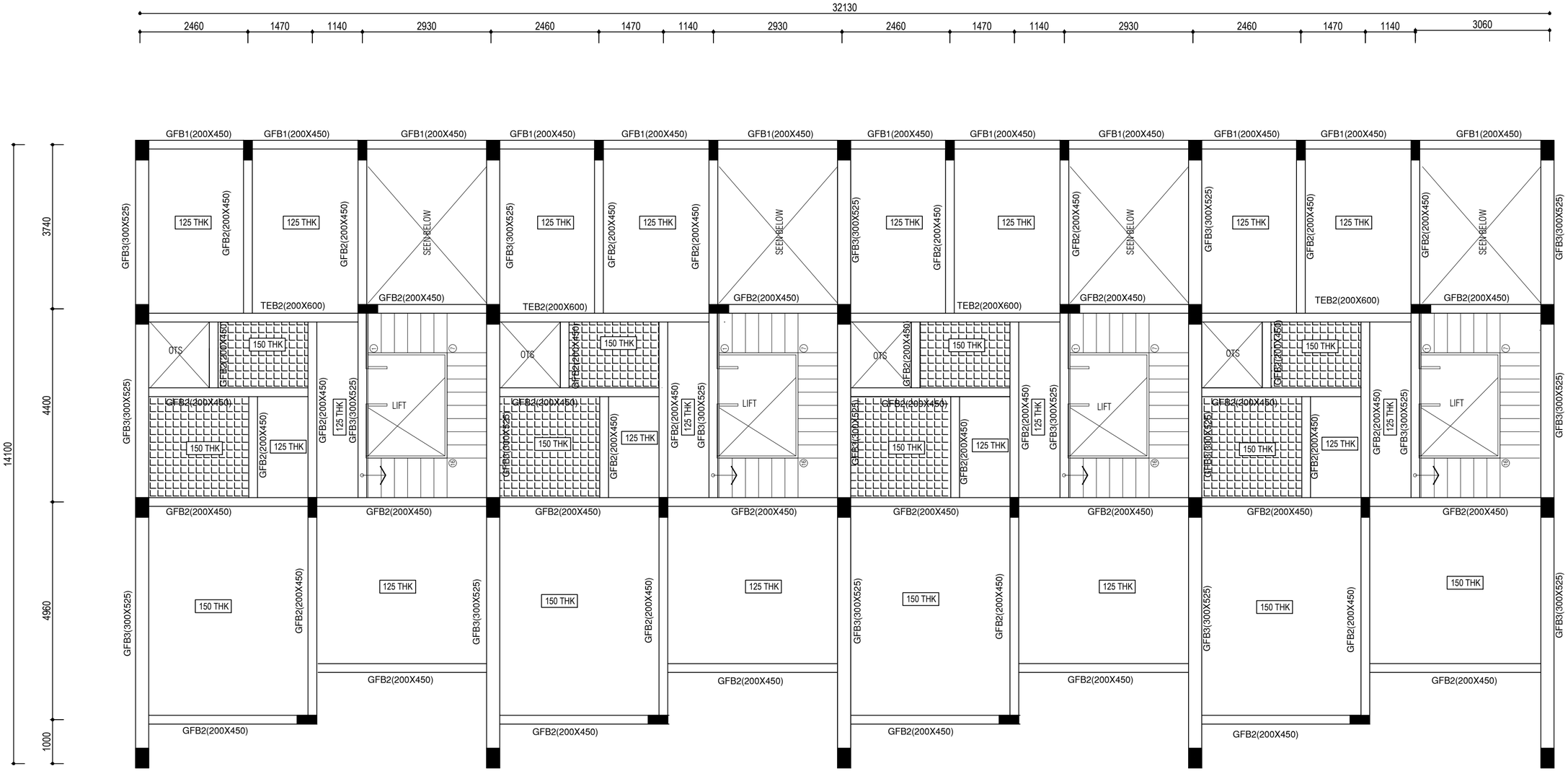
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AUTHORISED SIGNATORY

OWNER'S SIGNATURE



GROUND FLOOR ROOF BEAM LAYOUT

(SCALE 1:50)

For GT BHARATHI URBAN DEVELOPERS PVT LTD

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nithya T

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email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. BLOCK 06-A6-05

DRAWING TITLE:

GROUND FLOOR ROOF BEAM LAYOUT

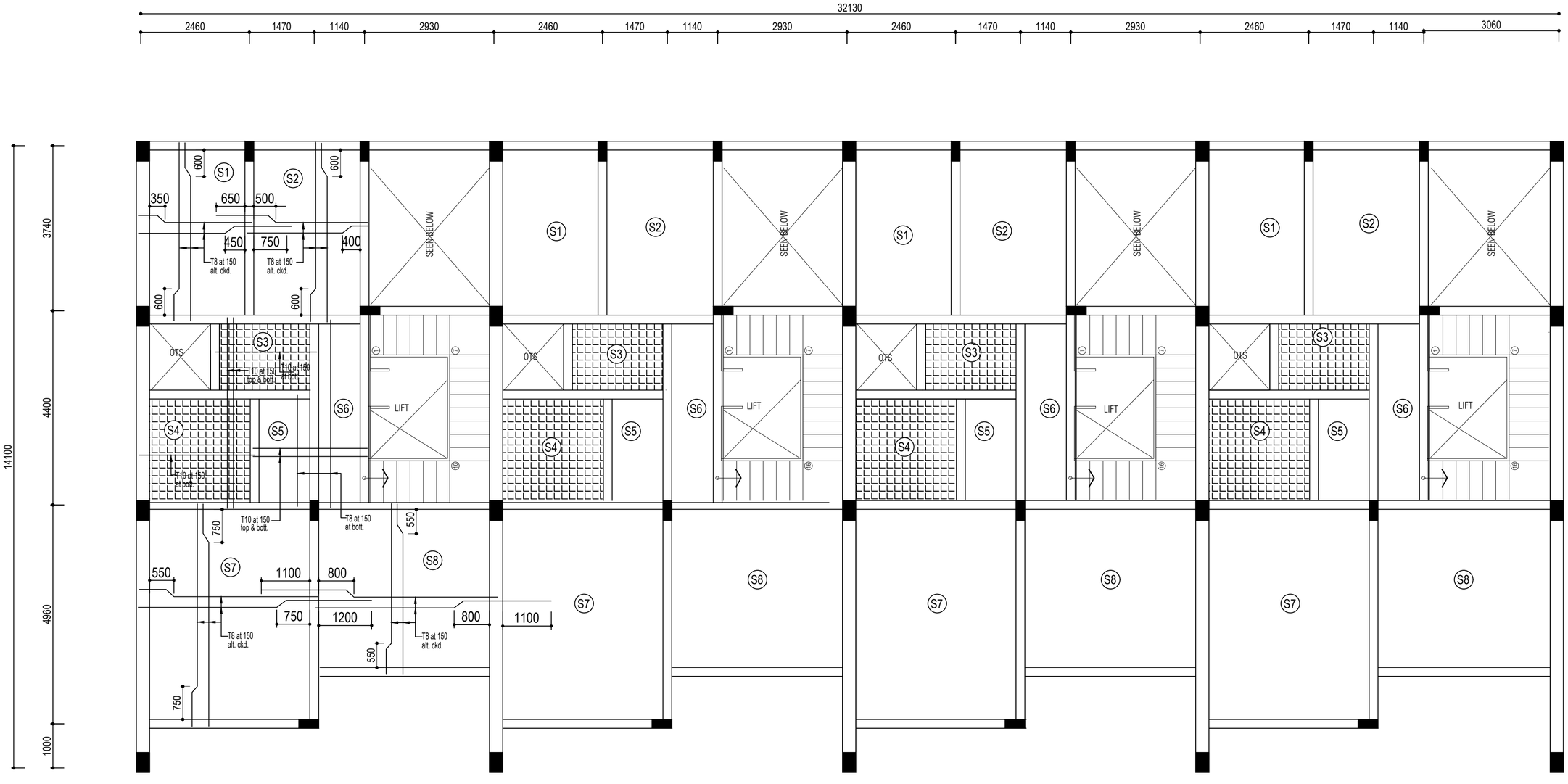
DRAWN:	DESIGNED:	APPROVED:	STAGE:
M.CHITRA	HAR	G.G	APPROVAL
SCALE: 1:50	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24223/SD/GFL/02

REVISION: R0

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GROUND FLOOR ROOF SLAB DETAILS

(SCALE 1:50)

For GT BHARATHI URBAN DEVELOPERS PVT LTD

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email: gconchennai@gmail.com

PROJECT TITLE:

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DRAWING TITLE:

GROUND FLOOR ROOF SLAB DETAILS

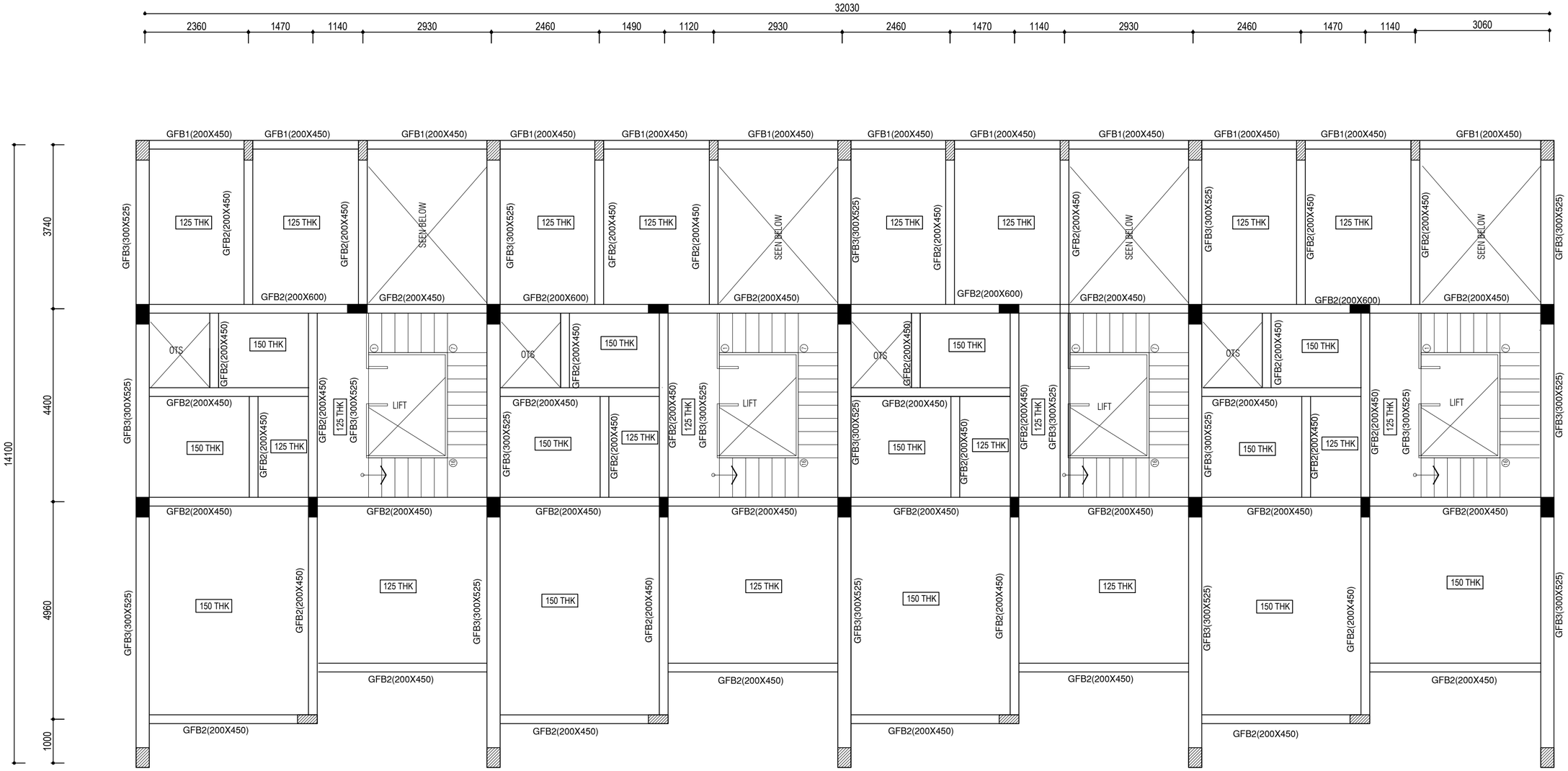
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M.CHITRA	HARI	G.G	APPROVAL
SCALE:	DATE:	E-MAIL:	
1:50	05-12-2024	gconchennai@gmail.com	

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TERRACE FLOOR BEAM LAYOUT

(SCALE 1:50)

For GT BHARATHI URBAN DEVELOPERS PVT LTD

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Maduravoyal, Chennai - 600095
Email Id: mosescomu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

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PROJECT TITLE:

PHASE-2 PODIUM

CLIENT:

GT BHARATHI URBAN DEVELOPERS PVT. LTD.
OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:

GCON ENGINEERS
A COMPLETE CIVIL ENGINEERING FIRM
email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. BLOCK 06-A6-05

DRAWING TITLE:

TERRACE FLOOR BEAM LAYOUT

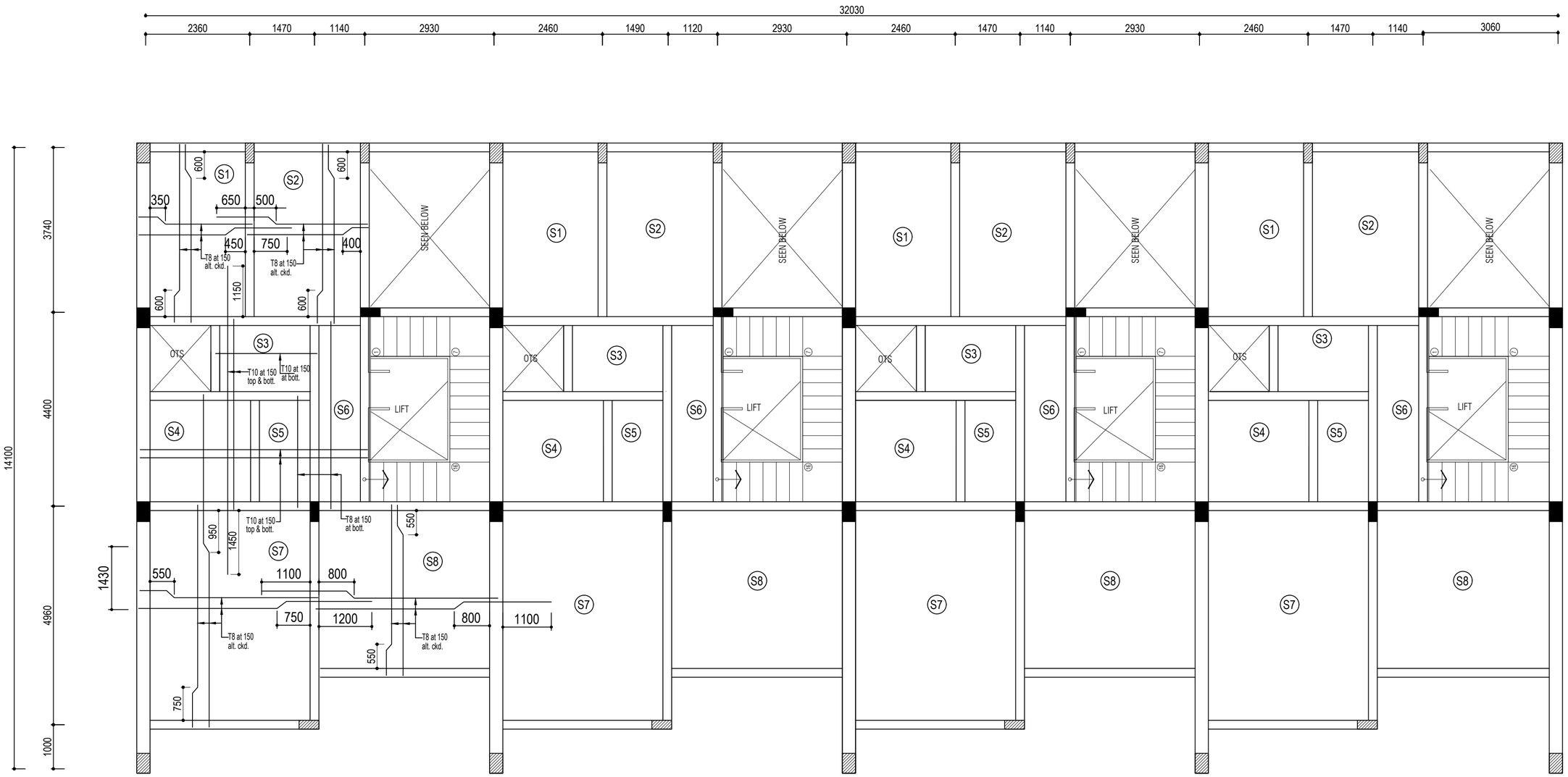
DRAWN:	DESIGNED:	APPROVED:	STAGE:
M.CHITRA	HARI	G.G	APPROVAL
SCALE: 1:50	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	

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TERRACE FLOOR SLAB DETAILS

(SCALE 1:50)

OWNER'S SIGNATURE

For GT BHARATHI URBAN DEVELOPERS PVT LTD

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CA/2018/91465 Valid Till : 31/12/2029
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Maduravoyal, Chennai - 600095
Email Id: mosessomu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

Rev.	Description
R0	ISSUE FOR APPROVAL

PROJECT TITLE:

PHASE-2 PODIUM

CLIENT:

GT BHARATHI URBAN DEVELOPERS PVT. LTD.
OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:

GCON ENGINEERS
A COMPLETE CIVIL ENGINEERING FIRM

email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. BLOCK 06-A6-05

DRAWING TITLE:

TERRACE FLOOR SLAB DETAILS

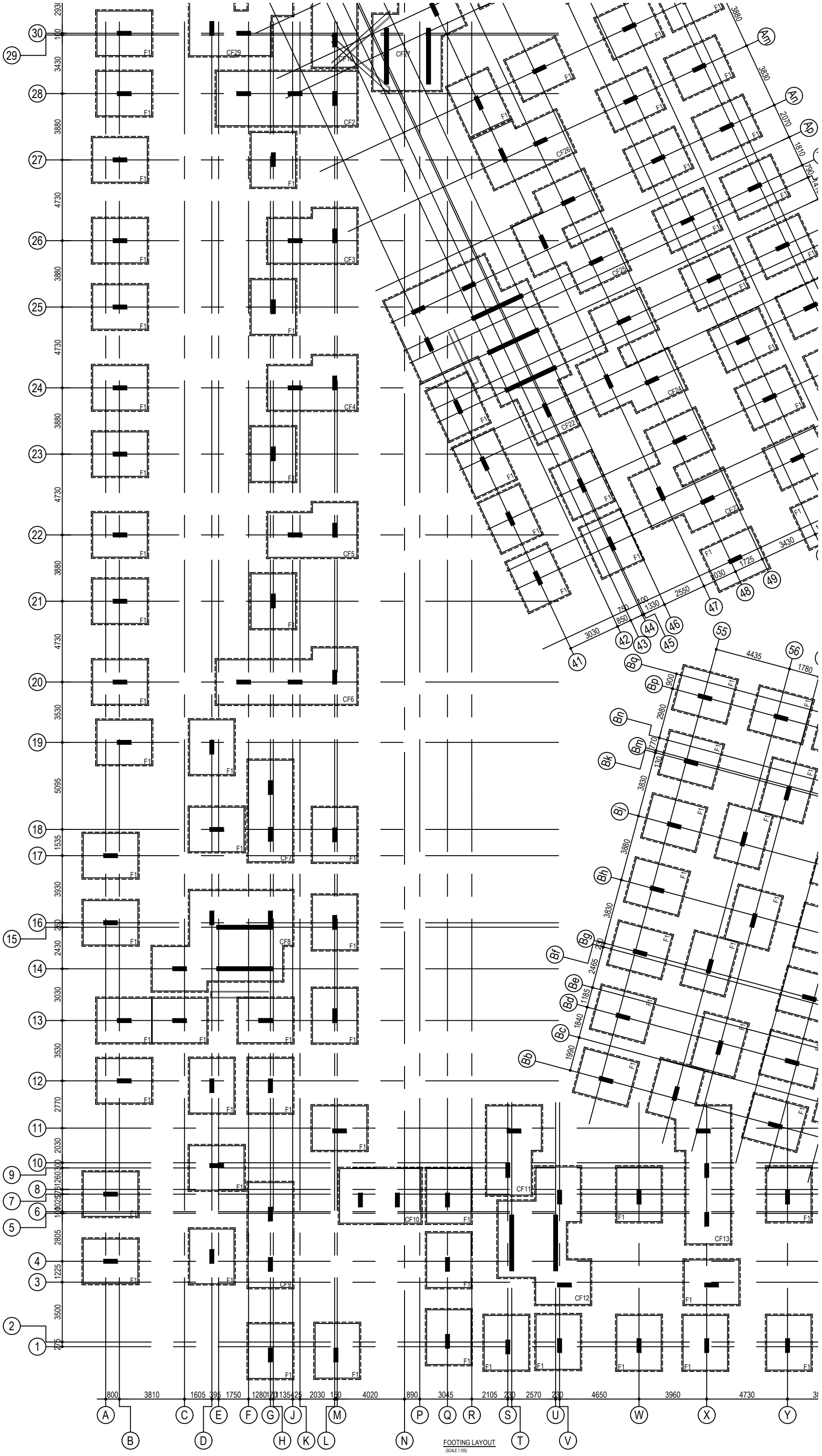
DRAWN:	DESIGNED:	APPROVED:	STAGE:
M.CHITRA	HARI	G.G	APPROVAL
SCALE: 1:50	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24223/SD/TESD/05

REVISION: R0

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Rev.	Description
R0	ISSUE FOR APPROVAL

PROJECT TITLE:

PHASE-3 TOWER BLOCK

CLIENT:

GT BHARATHI URBAN DEVELOPERS PVT. LTD.
OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:

GCON ENGINEERS
A COMPLETE CIVIL ENGINEERING FIRM
email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. TOWER BLOCK

DRAWING TITLE:

FOOTING LAYOUT

DRAWN:	DESIGNED:	APPROVED:	STAGE:
SATHURUKVALP	G.G	G.G	APPROVAL
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24222/SD/FL/01

REVISION: R0

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For GT BHARATHI URBAN DEVELOPERS PVT LTD

AUTHORISED SIGNATORY

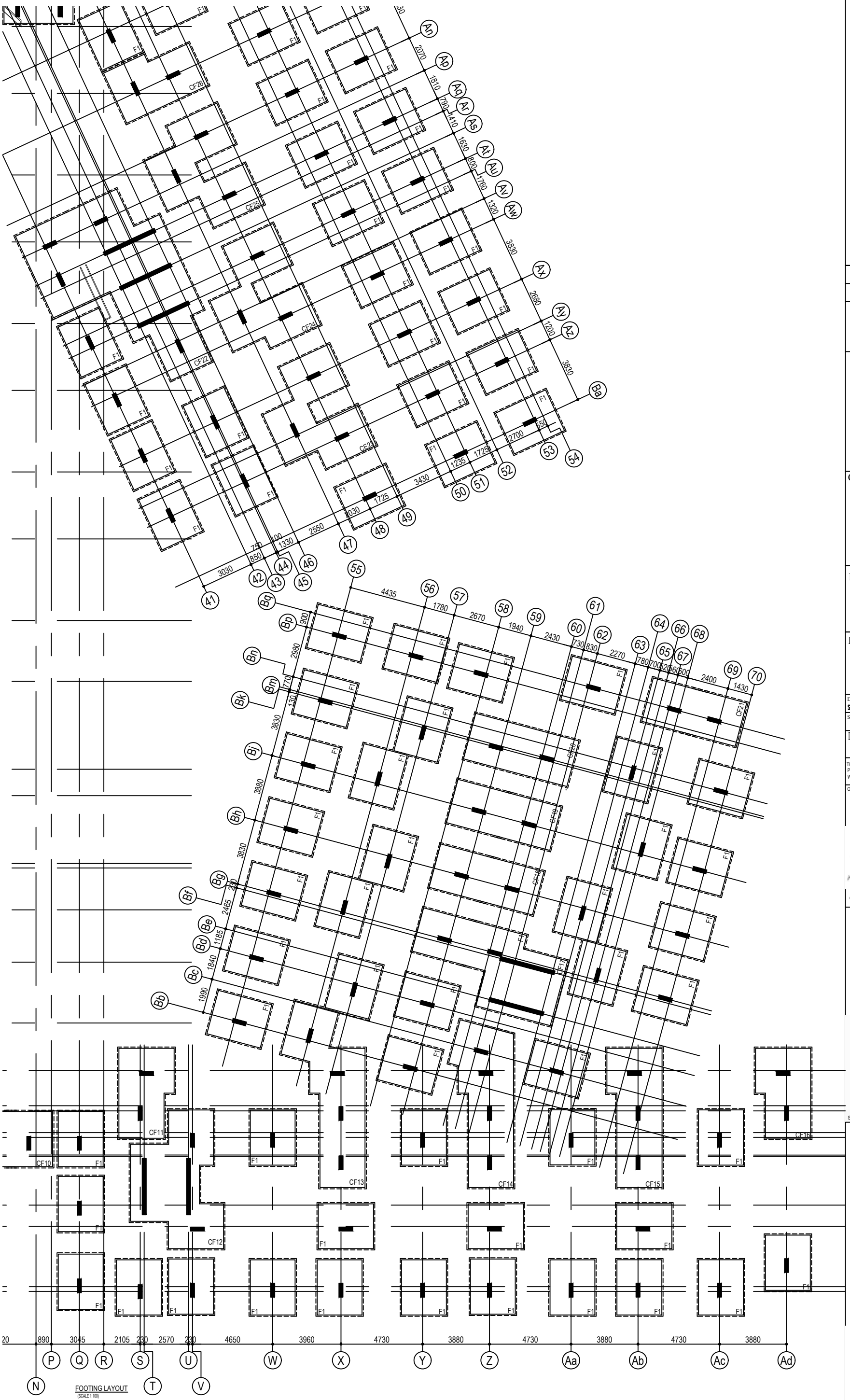
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Maduravoyal, Chennai - 600095
Email Id: mosessomu@gmail.com

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SIGNATURE OF ARCHITECT



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	ISSUE FOR APPROVAL
	Description

PROJECT TITLE:

PHASE-3 TOWER BLOCK

CLIENT:

GT REALTY | Bharathi Meraki

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OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:

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email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. TOWER BLOCK

DRAWING TITLE:

FOOTING LAYOUT

DRAWN: SATHURUKKALP	DESIGNED: G.G	APPROVED: G.G	STAGE: APPROVAL
SCALE:	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24222/SD/FL/02

REVISION: R0

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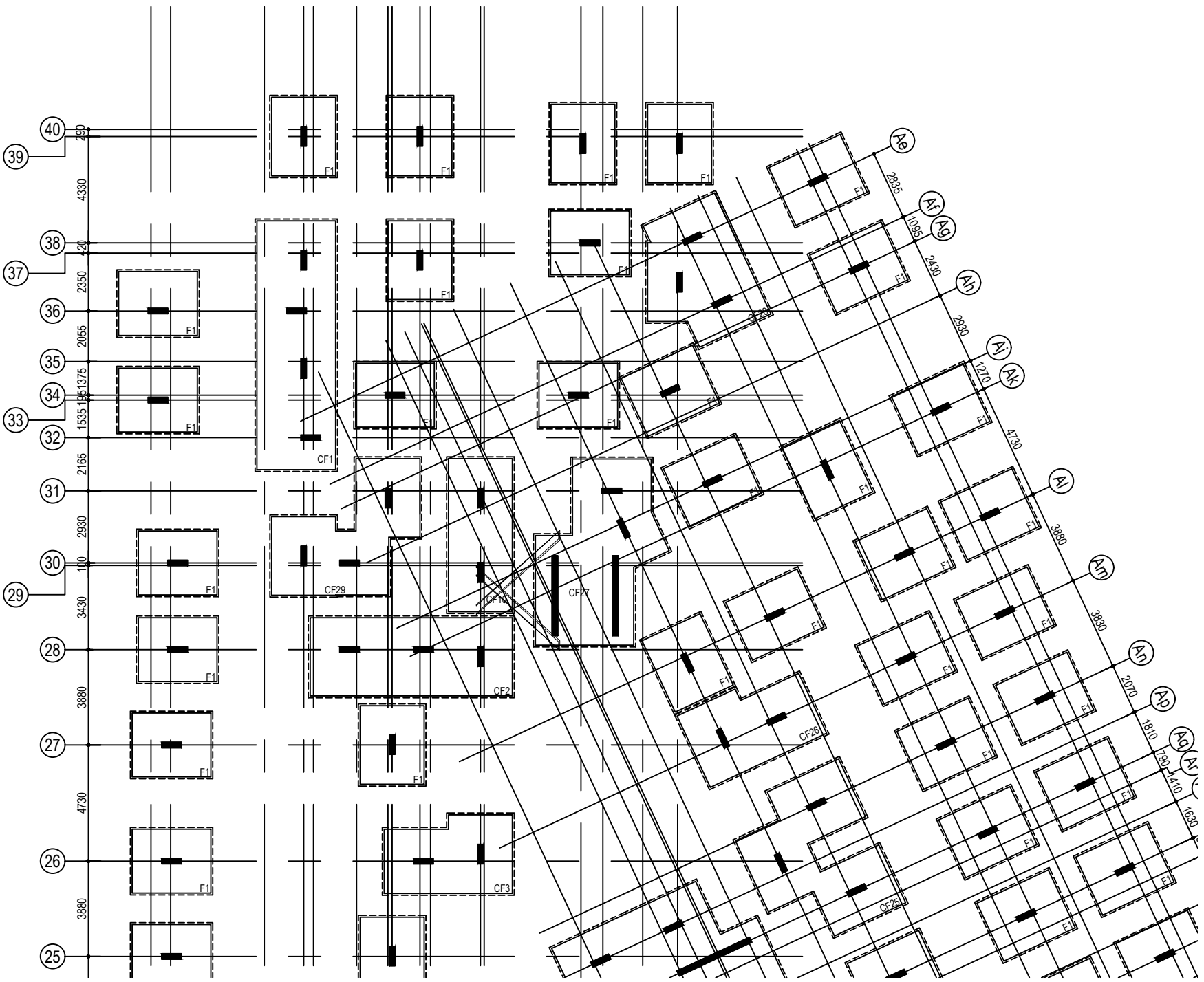
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CA / 2018 / 91485 Valid Till : 31 / 12 / 2029
G-3, Block - 3, Shivani Apartments, 40, East Coast Road,
Thiruvanmiyur, Chennai - 600 041, Tamilnadu.
Phone : 98849 14921
E-mail : nithyat.leo@gmail.com

SIGNATURE OF ARCHITECT



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4. USE CONCRETE - M25.
5. ALL REINFORCEMENTS SHALL BE OF GRADE Fe550 CONFIRMING IS-1786
6. FOOTING DESIGNED FOR G+4 ONLY.
7. NO ADMIXTURES SHALL BE ADDED WITHOUT PERMISSION OF CONSULTANT
8. CLEAR COVER TO REINFORCEMENT FOR
   a) FOUNDATION: 50MM. c) COLUMN: 40MM.
   b) BEAM: 30MM. d) SLAB: 25MM.
9. SBC OF SOIL CONSIDERED AS 20T/SQM AS PER SOIL REPORT
10. LAPPING SHALL BE 50 TIMES DIA. OF THE BAR
11. STRUCTURAL DETAILED DRAWINGS ARE ISSUED FOR G+4 ONLY.
12. DE-SHUTTERING PERIOD AS PER IS 456
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14. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.

Rev.	Description
R0	ISSUE FOR APPROVAL

PROJECT TITLE:

PHASE-3 TOWER BLOCK

CLIENT:

GT REALTY | Bharathi Meraki

GT BHARATHI URBAN DEVELOPERS PVT. LTD.
OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:

GCON ENGINEERS
A COMPLETE CIVIL ENGINEERING FIRM

email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. TOWER BLOCK

DRAWING TITLE:

FOOTING LAYOUT

DRAWN:	DESIGNED:	APPROVED:	STAGE:
SATHURUKVN.P	G.G	G.G	APPROVAL
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24222/SD/FL/03

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ORIGINAL SIZE OF THIS DRAWING IS A1

For GT BHARATHI URBAN DEVELOPERS PVT LTD

AUTHORISED SIGNATORY

OWNER'S SIGNATURE

Er.S.MOSES ARANGANATHAN
B.E., M.E(Struct.) FIE, FIA(Struct.)., FIV.,
DTCP Registered Structural Engineer-Grade-I (RSE)
DTCP Reg.No. TVLR/RSE/Gr-I/2024/07/006
Maduravoyal, Chennai - 600095
Email Id: mosesomu@gmail.com

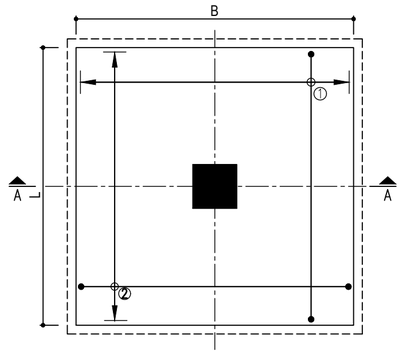
SIGNATURE OF STRUCTURAL ENGINEER

Nithya T, B.Arch.,
Registered Architect
Council of Architecture
CA / 2018 / 91485 Valid Till : 31 / 12 / 2029
G-3, Block - 3, Shivani Apartments, 40, East Coast Road,
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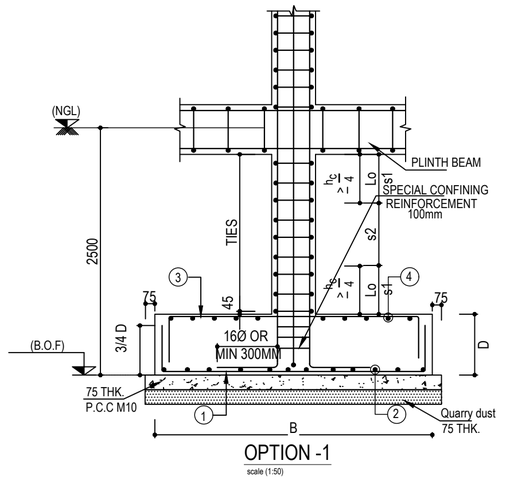
SIGNATURE OF ARCHITECT

FOOTING SCHEDULE (M25:Fe550)

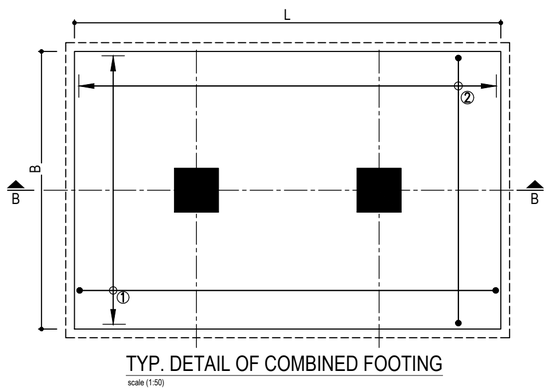
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					BOTTOM		TOP	
		L	B	D	ALONG B	ALONG L	ALONG B	ALONG L
F1	Pad	3200	2600	775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF1	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF2	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF3	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF4	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
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CF9	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF10	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF11	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF12	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
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CF18	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF19	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF20	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
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CF22	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
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CF24	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF25	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF26	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF27	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF28	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF29	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C



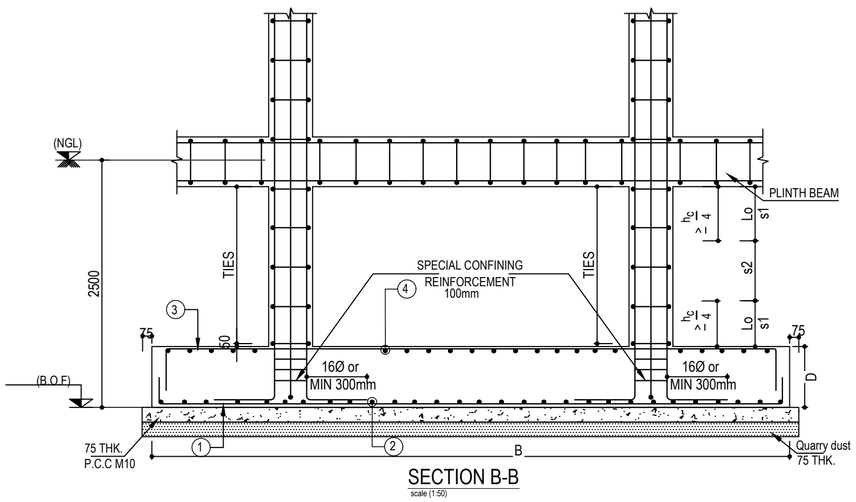
TYP. DETAIL OF ISOLATED FOOTING
scale (1:50)



OPTION -1
scale (1:50)



TYP. DETAIL OF COMBINED FOOTING
scale (1:50)



SECTION B-B
scale (1:50)

NOTES:

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For GT BHARATHI URBAN DEVELOPERS PVT LTD
AUTHORISED SIGNATORY

OWNER'S SIGNATURE

Er.S.MOSES ARANGANATHAN
B.E., M.E(Struct.) FIE, FIA(Struct,)., FIV.,
DTCP Registered Structural Engineer-Grade-I (RSE)
DTCP Reg.No. TVLR/RSE/Gr-I/2024/07/006
Maduravoyal, Chennai - 600095
Email Id: mosessomu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

Rev.	Description
R0	ISSUE FOR APPROVAL

PROJECT TITLE:

PHASE-3 TOWER BLOCK

CLIENT:

GT BHARATHI URBAN DEVELOPERS PVT. LTD.
OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:

GCON ENGINEERS
A COMPLETE CIVIL ENGINEERING FIRM
email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. TOWER BLOCK

DRAWING TITLE:

FOOTING TYPICAL DETAILS.,

Nithya T, B.Arch.,
Registered Architect
Council of Architecture
CA / 2018 / 91485 Valid Till : 31 / 12 / 2029
G-3, Block - 3, Shivani Apartments, 40, East Coast Road,
Thiruvanmiyur, Chennai - 600 041, Tamilnadu.
Phone : 98849 14921
E-mail : nithyat.leo@gmail.com

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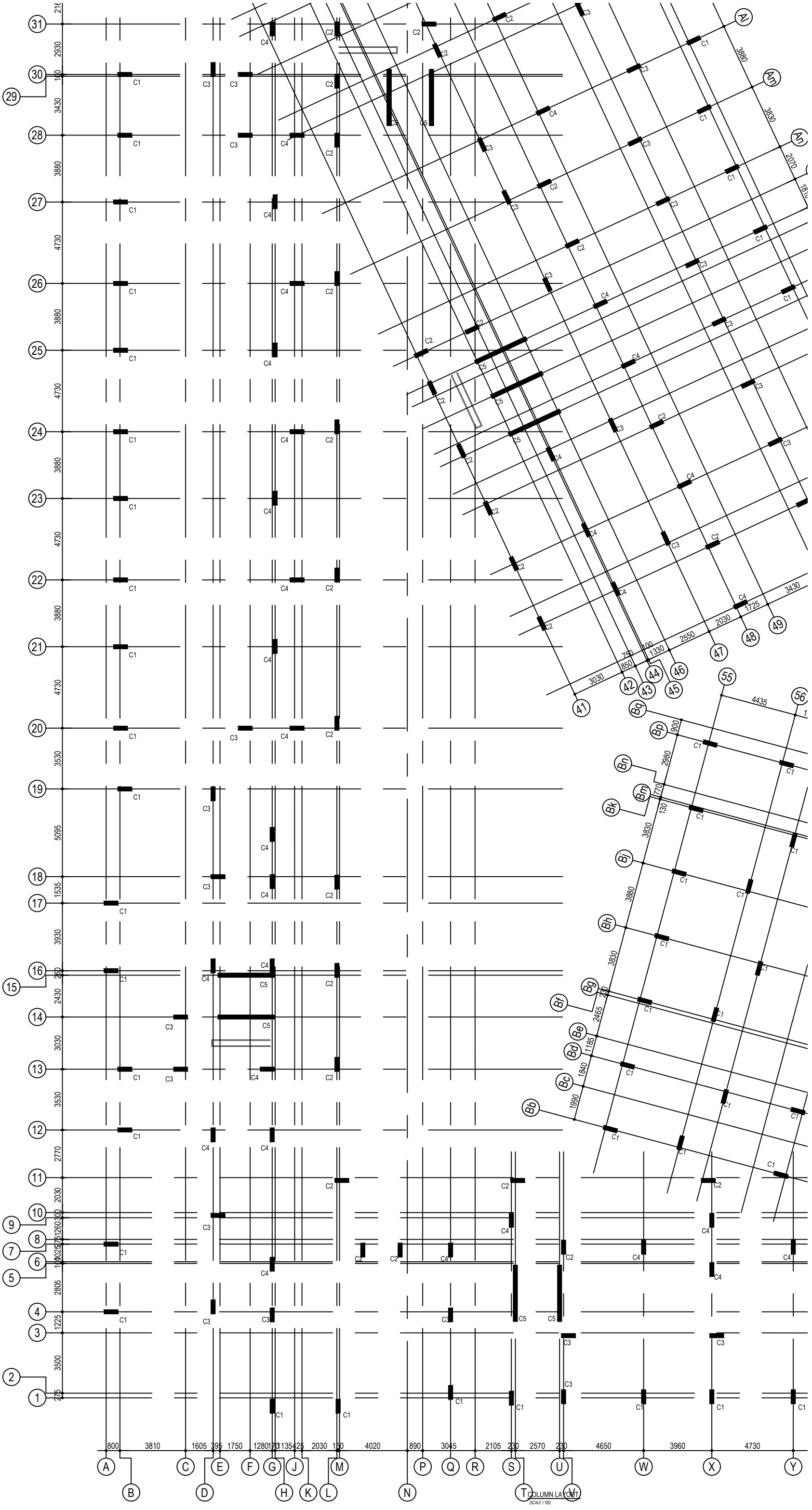
DRAWN:	DESIGNED:	APPROVED:	STAGE:
GATHURUKKALP	G.G	G.G	APPROVAL
SCALE:	DATE:	E-MAIL:	
1:50	15-10-2024	gconchennai@gmail.com	

DRAWING NO: GC/GT/24222/SD/FTYD/04

REVISION: R0

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For GT BHARATHI URBAN DEVELOPERS PVT LTD

AUTHORISED SIGNATORY

OWNER'S SIGNATURE

Nithya T, B.Arch.,
Registered Architect
Council of Architecture
CA / 2018 / 91485 Valid Till : 31 / 12 / 2029
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DTCP Registered Structural Engineer-Grade-I (RSE)
DTCP Reg.No. TVLR/RSE/Gr-I/2024/07/006
Maduravoyal, Chennai - 600095
Email Id: mosessomu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

Rev.	Description
R0	ISSUE FOR APPROVAL

PROJECT TITLE:

PHASE-3 TOWER BLOCK

CLIENT:

GT REALTY | Bharathi Meraki

GT BHARATHI URBAN DEVELOPERS PVT. LTD.
OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:

GCON ENGINEERS
A COMPLETE CIVIL ENGINEERING FIRM

email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. TOWER BLOCK

DRAWING TITLE:

COLUMN LAYOUT

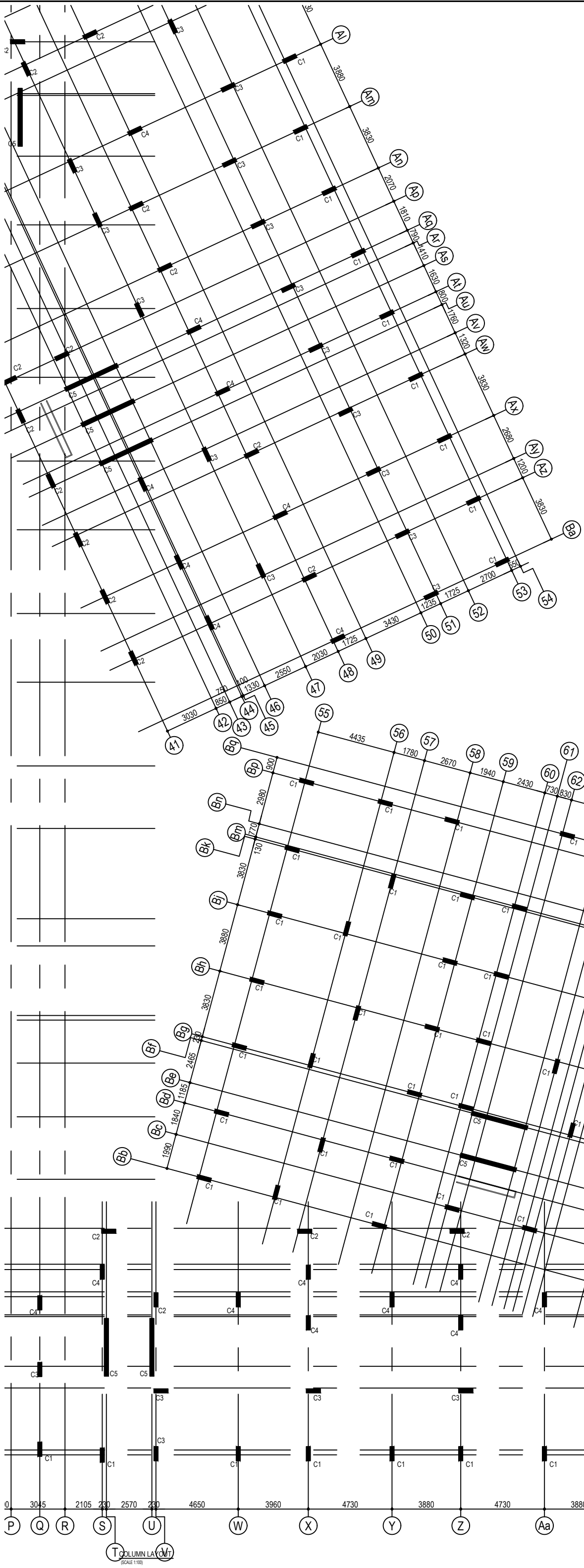
DRAWN:	DESIGNED:	APPROVED:	STAGE:
SATHURUKKALP	G.G	G.G	APPROVAL
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24222/SD/CL/05

REVISION: R0

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COLUMN LAYOUT
(SCALE 1:100)

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Council of Architecture
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Maduravoyal, Chennai - 600095
Email Id: mosescsomu@gmail.com

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Rev.	Description
R0	ISSUE FOR APPROVAL

PROJECT TITLE:

PHASE-3 TOWER BLOCK

CLIENT:

GT BHARATHI URBAN DEVELOPERS PVT. LTD.
OLD No: 31 & 32, New No: 81 & 83,
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CONSULTANT:

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email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. TOWER BLOCK

DRAWING TITLE:

COLUMN LAYOUT

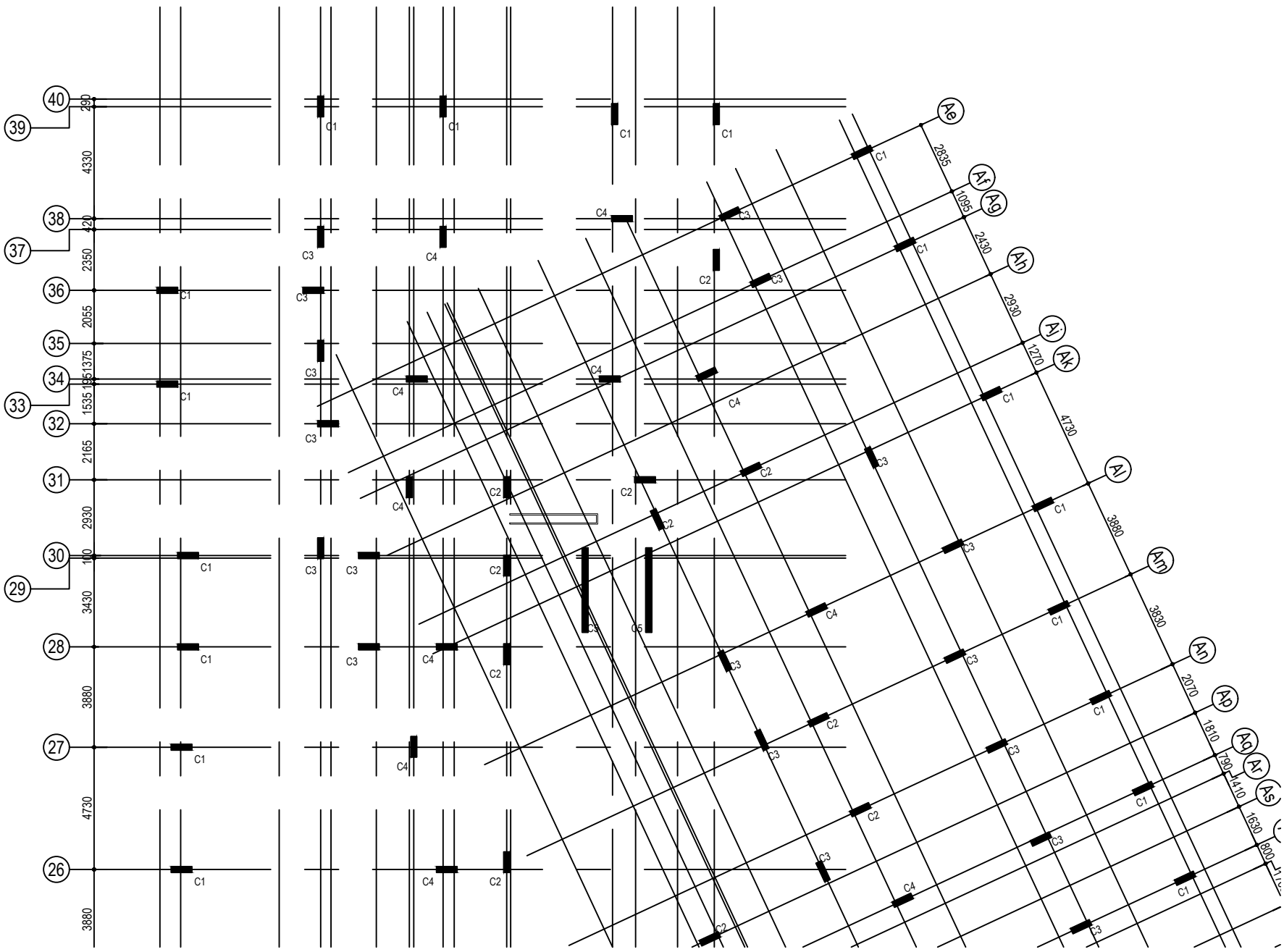
DRAWN:	DESIGNED:	APPROVED:	STAGE:
SATHURUKKALP	G.G	G.G	APPROVAL
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24222/SD/CL/06

REVISION: R0

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For GT BHARATHI URBAN DEVELOPERS PVT LTD

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Maduravoyal, Chennai - 600095
Email Id: mosesarsomu@gmail.com

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Rev.	Description
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CONSULTANT:

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email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. TOWER BLOCK

DRAWING TITLE:

COLUMN LAYOUT

DRAWN:	DESIGNED:	APPROVED:	STAGE:
SATHURUKKAN.P	G.G	G.G	APPROVAL
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchenna@gmail.com	

DRAWING NO: GC/GT/24222/SD/CL/07

REVISION: R0

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ORIGINAL SIZE OF THIS DRAWING IS A1

BASE TO TERRACE FLOOR ROOF	M30 : Fe550 , COVER = 40MM	M30 : Fe550 , COVER = 40MM	M30 : Fe550 , COVER = 40MM	M30 : Fe550 , COVER = 40MM	M30 : Fe550 , COVER = 40MM
	LINKS	LINKS	LINKS	LINKS	LINKS
	T8 @ 100/175/100	T8 @ 100/175/100	T8 @ 100/175/100	T8 @ 100/175/100	T8 @ 100/175/100
	230, 800, ⊗T25	230, 800, Φ T20	230, 800, ⊗T25	230, 800, ⊗T25	230, 800, ⊗T25
	14-T25	16-T20	16-T25	12-T25	20-T25
COLUMN MARKED	C1	C2	C3	C4	C6

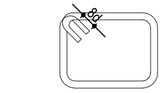
SHEAR LINK:s1/s2/s1

BASE TO TERRACE FLOOR ROOF	M30 : Fe550 , COVER = 40MM	M30 : Fe550 , COVER = 40MM
	LINKS	LINKS
	T8 @ 100/175/100	T8 @ 100/175/100
	230, 750, 1760, 750	230, 500, 1410, 500
	12-T20 + 24-T20+12T20	12-T20 + 12-T20+12T20
COLUMN MARKED	C7	C8

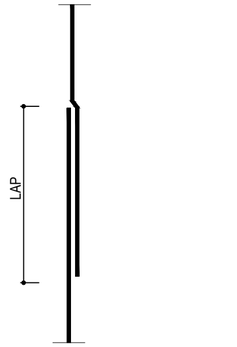
SHEAR LINK:s1/s2/s1

BASE TO TERRACE FLOOR ROOF	M30 : Fe550 , COVER = 40MM
	LINKS
	T8 @ 100/175/100
	8-T25, 1000, 650
	4-T25+6T20
COLUMN MARKED	C5

SHEAR LINK:s1/s2/s1

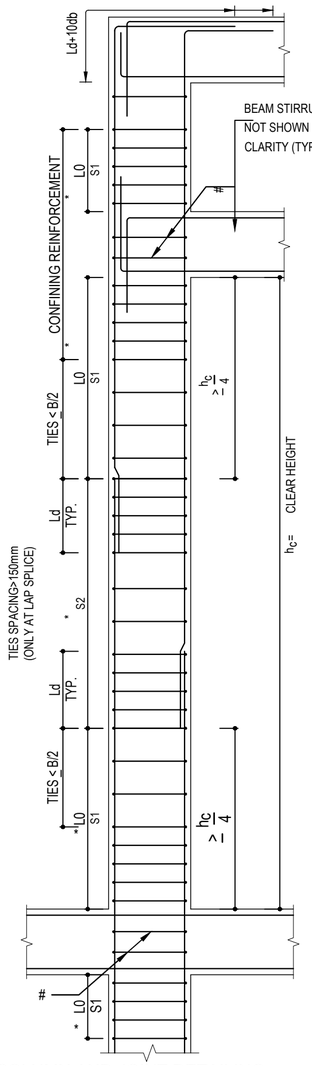


STIRRUPS IN COLUMN (TYP.)



LAPPING BAR IN COLUMN SIZE
(Scale 1:50)

* Lo HIGHEST AMONG FOLLOWING:
a. ½ LARGER LATERAL DIMENSION OF COLUMN
b. ½ 1/6 hc
c. 450mm



COLUMN AND JOINT DETAILING
(WITH LAPS/MECH. SPLICE)
(Scale 1:50)

SPACING OF TIES IN Lo REGION SHALL NOT EXCEED B/4 BUT NEED NOT BE LESS THAN 75MM NOR MORE THAN 100mm.

SPACING OF TIES IN BEAM COLUMN JOINTS SHALL NOT EXCEED 150mm.

Nithya T, B.Arch.,
Registered Architect
Council of Architecture
CA / 2018 / 91485 Valid Till : 31 / 12 / 2029
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Thiruvanmiyur, Chennai - 600 041, Tamilnadu.
Phone : 98849 14921
E-mail : nithyat.leo@gmail.com

SIGNATURE OF ARCHITECT

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For GT BHARATHI URBAN DEVELOPERS PVT LTD
AUTHORISED SIGNATORY

OWNER'S SIGNATURE

Er.S.MOSES ARANGANATHAN
B.E., M.E(Struct.) FIE, FIA(Struct,)., FIV.,
DTCP Registered Structural Engineer-Grade-I (RSE)
DTCP Reg.No. TVLR/RSE/Gr-I/2024/07/006
Maduravoyal, Chennai - 600095
Email Id: mosesarmu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

Rev.	Description
R0	ISSUE FOR APPROVAL

PROJECT TITLE:
PHASE-3 TOWER BLOCK

CLIENT:
GT BHARATHI URBAN DEVELOPERS PVT. LTD.
OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:
GCON ENGINEERS
A COMPLETE CIVIL ENGINEERING FIRM
email: gconchennai@gmail.com

PROJECT TITLE:
PROPOSED RESIDENTIAL BUILDING
AT VEDANEMELI,ECR. TOWER BLOCK

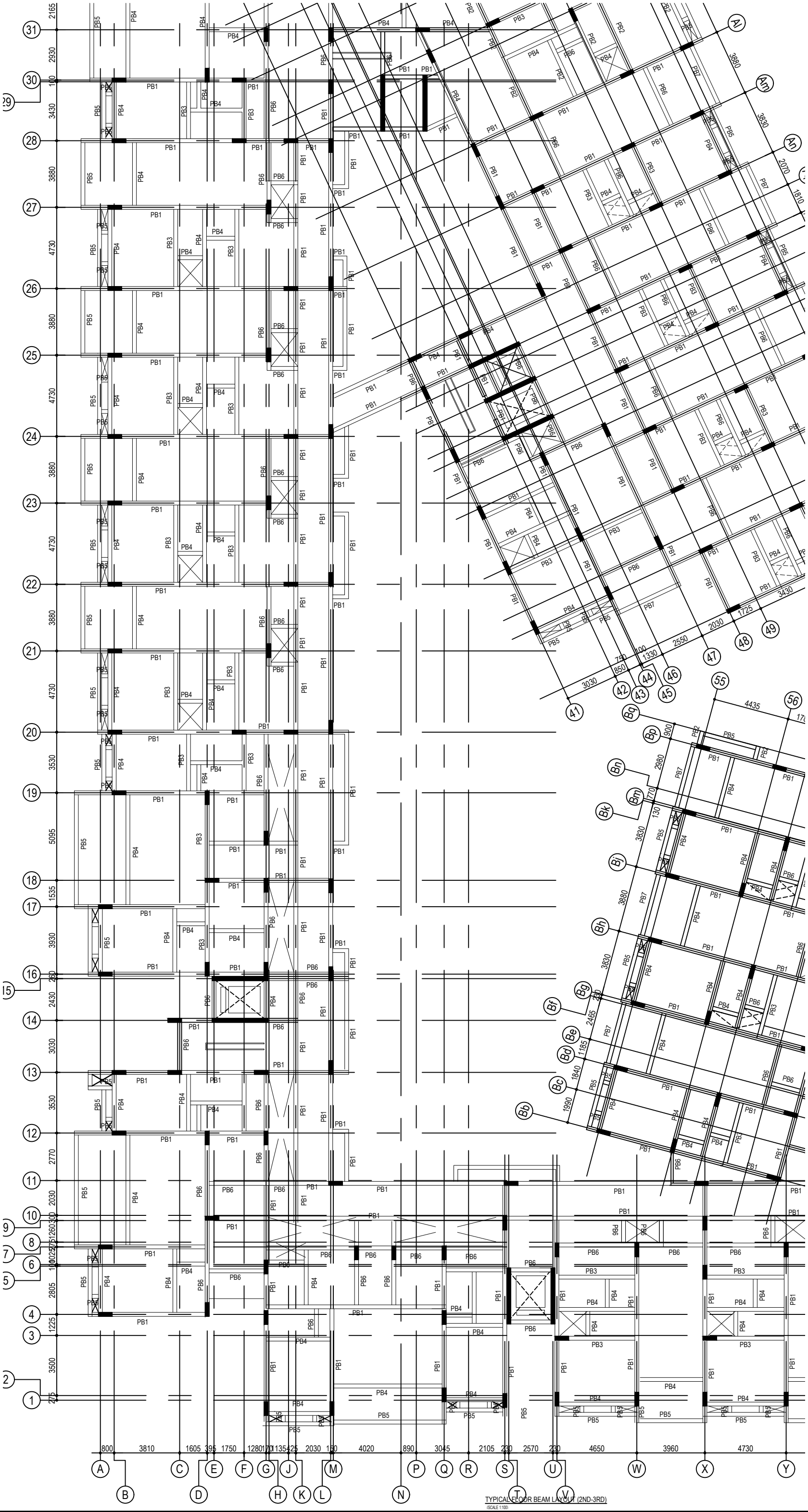
DRAWING TITLE:
COLUMN REINF., DETAILS.,&
COLUMN TYPICAL DETAILS.,

DRAWN:	DESIGNED:	APPROVED:	STAGE:
SATHURUKKANP	GG	GG	APPROVAL
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24222/SD/FTYD/08
REVISION: R0

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A COMPLETE CIVIL ENGINEERING FIRM

email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. TOWER BLOCK

DRAWING TITLE:

PLINTH BEAM LAYOUT

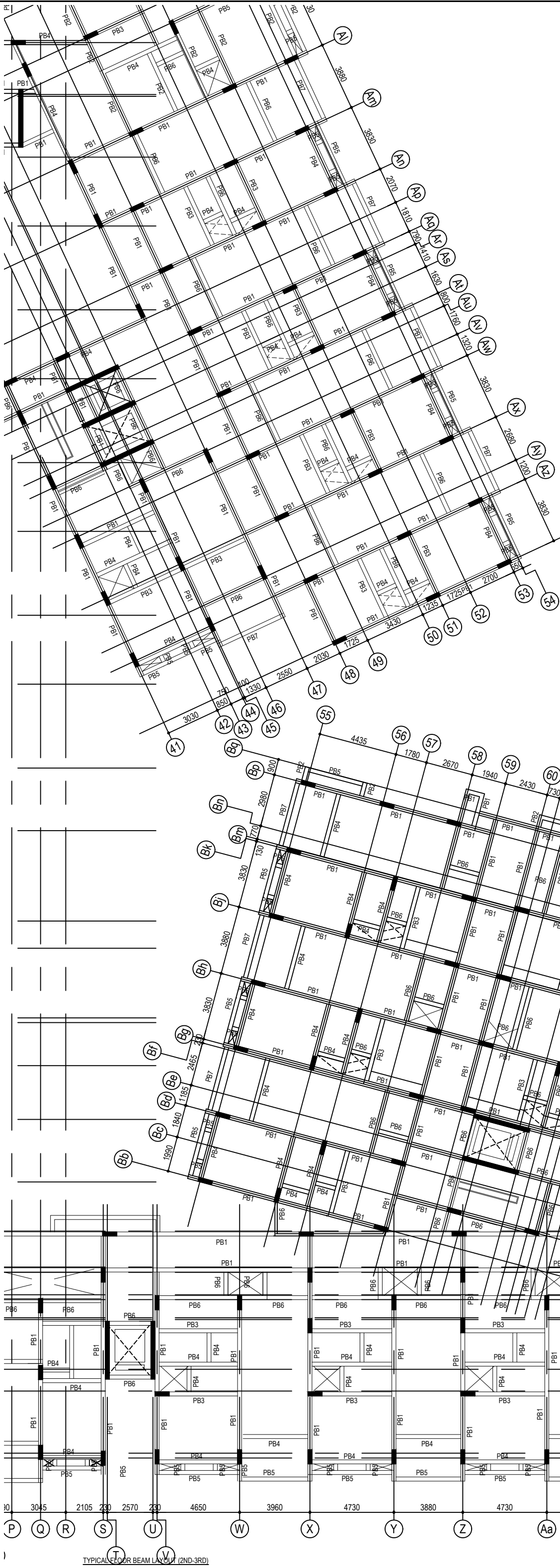
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SATHURUKKALP	G.G	G.G	APPROVAL
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24222/SD/PBL/09

REVISION: R0

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PROJECT TITLE:

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DRAWING TITLE:

PLINTH BEAM LAYOUT

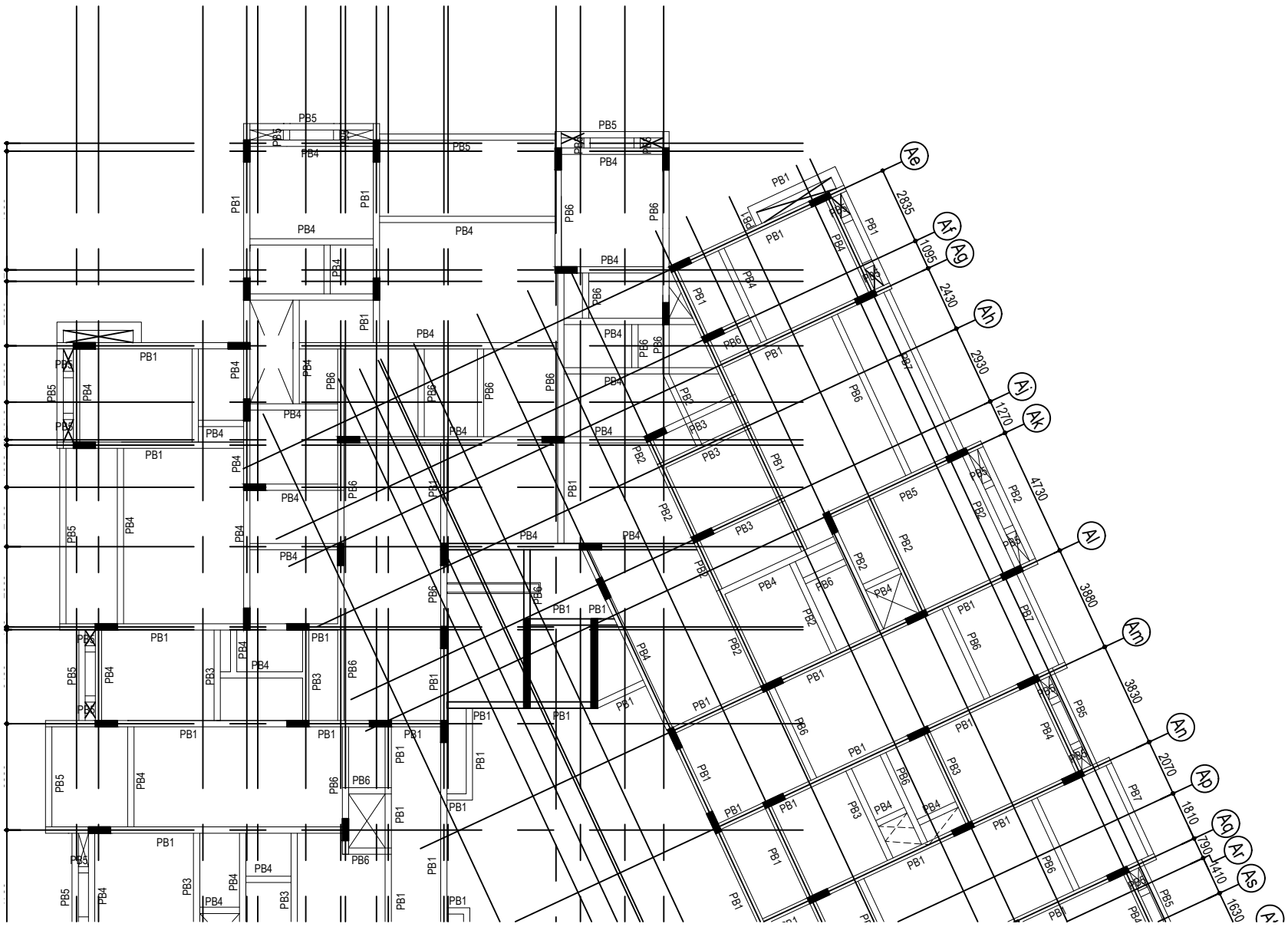
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SATHURUKKANLP	G.G	G.G	APPROVAL
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	

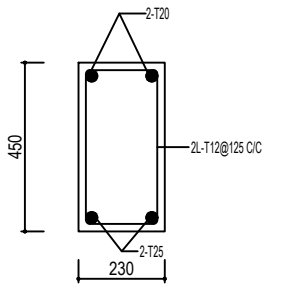
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REVISION: R0

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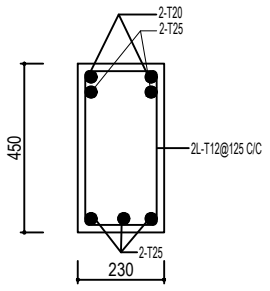
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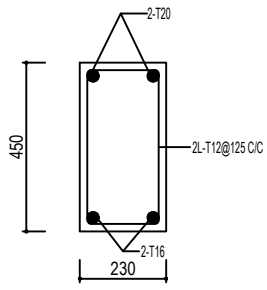
C.S OF BEAM -PB1 (AT MID)

(SCALE 1:10)



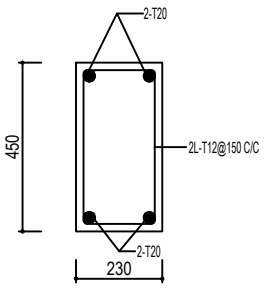
C.S OF BEAM -PB1 (AT SUPPORT)

(SCALE 1:10)



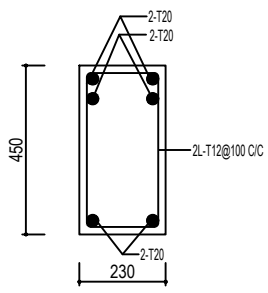
C.S OF BEAM -PB2

(SCALE 1:10)



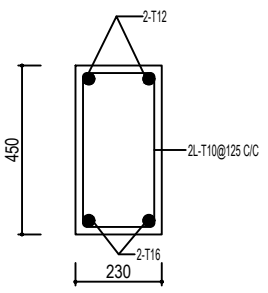
C.S OF BEAM -PB3 (AT MID)

(SCALE 1:10)



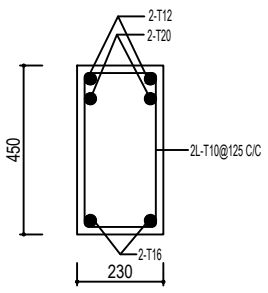
C.S OF BEAM -PB3 (AT SUPPORT)

(SCALE 1:10)



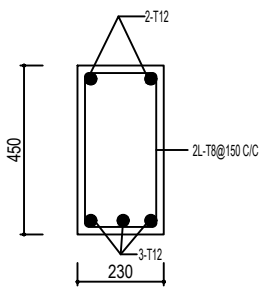
C.S OF BEAM -PB4 (AT MID)

(SCALE 1:10)



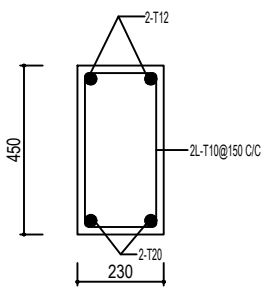
C.S OF BEAM -PB4 (AT SUPPORT)

(SCALE 1:10)



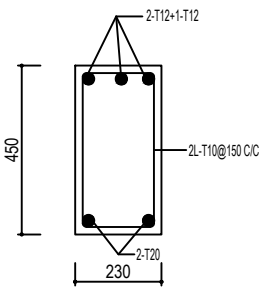
C.S OF BEAM -PB5 (AT MID)

(SCALE 1:10)



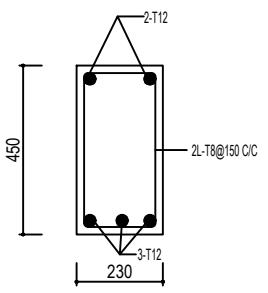
C.S OF BEAM -PB6 (AT MID)

(SCALE 1:10)



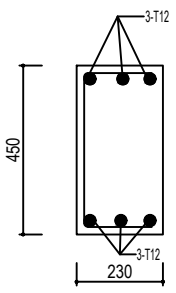
C.S OF BEAM -PB6 (AT SUPPORT)

(SCALE 1:10)



C.S OF BEAM -PB7 (AT MID)

(SCALE 1:10)



C.S OF BEAM -PB7

(SCALE 1:10)

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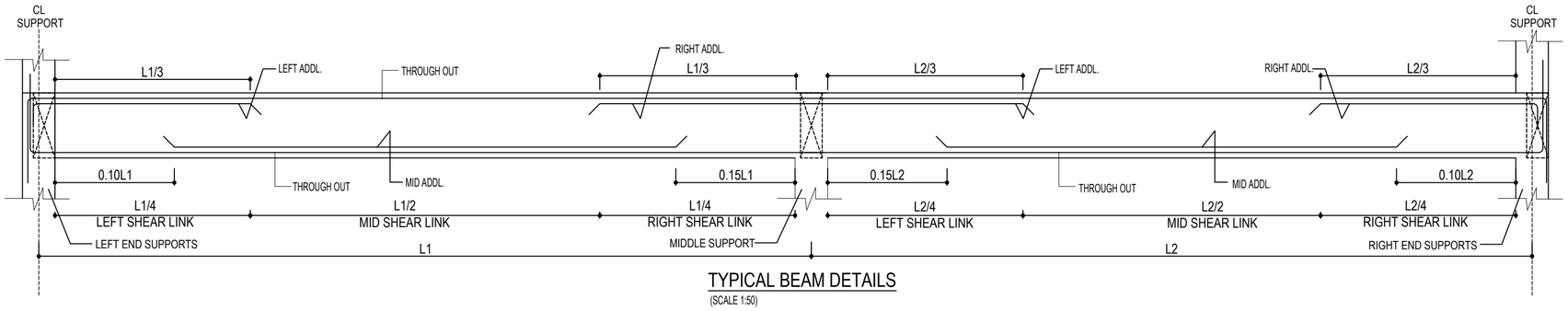
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DRAWING NO: GC/GT/24222/SD/PBL/11

REVISION: R0

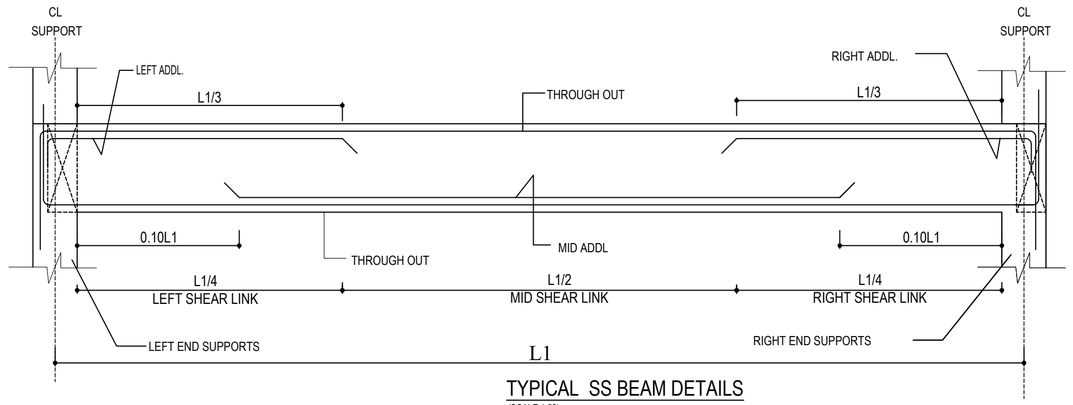
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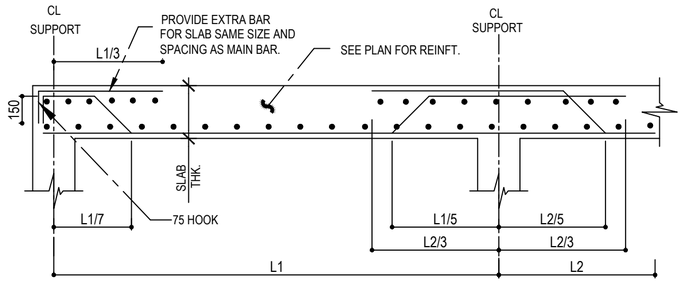
TYPICAL BEAM DETAILS

(SCALE 1:50)



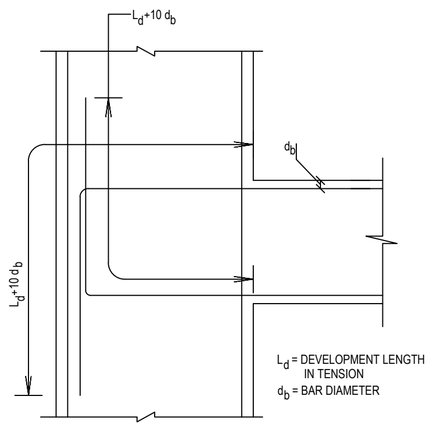
TYPICAL SS BEAM DETAILS

(SCALE 1:50)



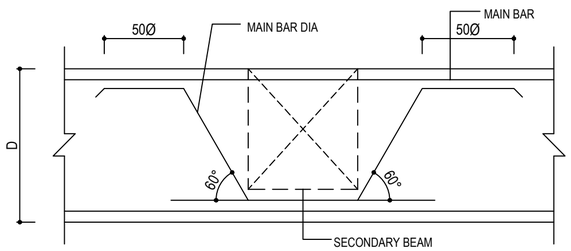
TYPICAL SLAB DETAIL

(Scale 1:50)



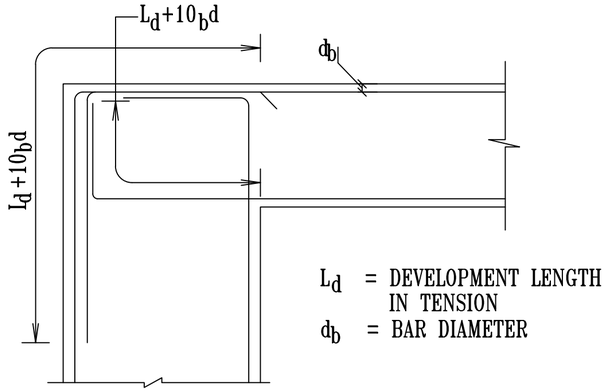
TYPICAL DETAILS FOR ANCHORAGE OF BEAM BARS

(Scale 1:50)



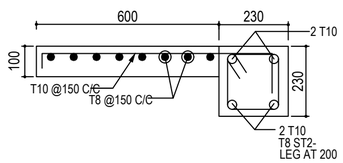
CRANK BAR DETAIL FOR BEAM

(Scale 1:50)



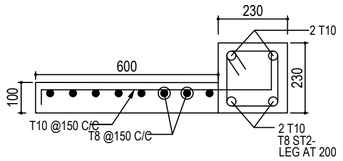
TYPICAL DETAILS FOR ANCHORAGE OF BEAM BARS

(SCALE 1:50)



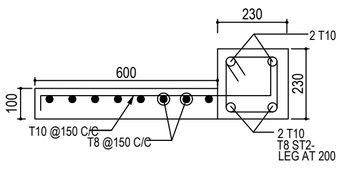
TYPICAL LINTEL CUM SUNSHADE DETAIL

(SCALE 1:10)



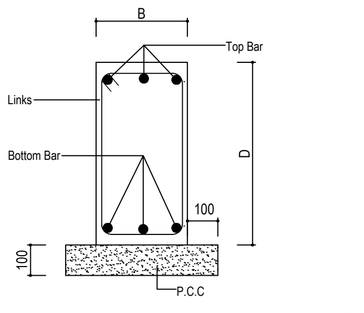
TYPICAL LINTEL CUM SUNSHADE DETAIL

(SCALE 1:10)



TYPICAL LINTEL CUM LOFT DETAIL

(SCALE 1:10)



TYPICAL PLINTH BEAM DETAILS

(SCALE 1:10)

NOTES:

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8. CLEAR COVER TO REINFORCEMENT FOR
   a) FOUNDATION: 50MM. c) COLUMN: 40MM.
   b) BEAM: 30MM. d) SLAB: 25MM.
9. SBC OF SOIL CONSIDERED AS 20T/SQM AS PER SOIL REPORT
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For GT BHARATHI URBAN DEVELOPERS PVT LTD

AUTHORISED SIGNATORY

OWNER'S SIGNATURE

Er.S.MOSES ARANGANATHAN
B.E., M.E(Struct.) FIE, FIA(Struct.)., FIV.,
DTCP Registered Structural Engineer-Grade-I (RSE)
DTCP Reg.No. TVLR/RSE/Gr-I/2024/07/006
Maduravoyal, Chennai - 600095
Email Id: mosesarmu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

Rev.	Description
R0	ISSUE FOR APPROVAL

PROJECT TITLE:

PHASE-3 TOWER BLOCK

CLIENT:

GT BHARATHI URBAN DEVELOPERS PVT. LTD.
OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:

GCON ENGINEERS
A COMPLETE CIVIL ENGINEERING FIRM
email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. TOWER BLOCK

DRAWING TITLE:

PLINTH BEAM TYPICAL DETAILS.

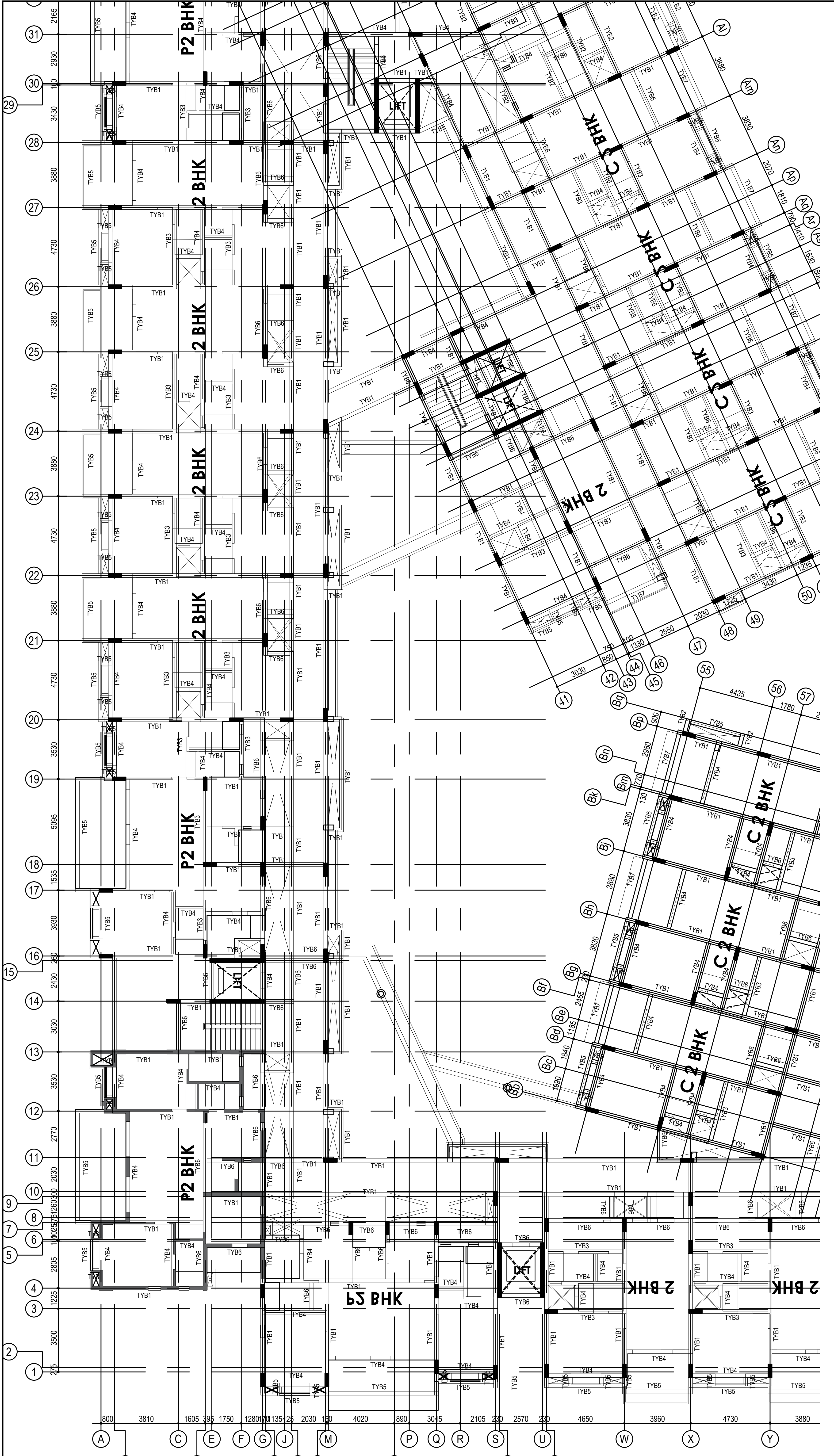
DRAWN:	DESIGNED:	APPROVED:	STAGE:
SATHURUKKANP	G.G	G.G	APPROVAL
SCALE:	DATE:	E-MAIL:	
1:50	15-10-2024	gconchennai@gmail.com	

DRAWING NO: GC/GT/24222/SD/PBD/12 REVISION: R0

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Nithya T, B.Arch.,
Registered Architect
Council of Architecture
CA / 2018 / 97435 Valid Till : 31 / 12 / 2020
G-3, Block - 3, Shivani Apartments, 40, East Coast Road,
Thiruvanmiyur, Chennai - 600 041, Tamilnadu.
Phone : 98849 14921
E-mail : nithyaLiteo@gmail.com



TYPICAL FLOOR BEAM LAYOUT (2ND-3RD)

(SCALE 1:100)

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email: gconchennai@gmail.com

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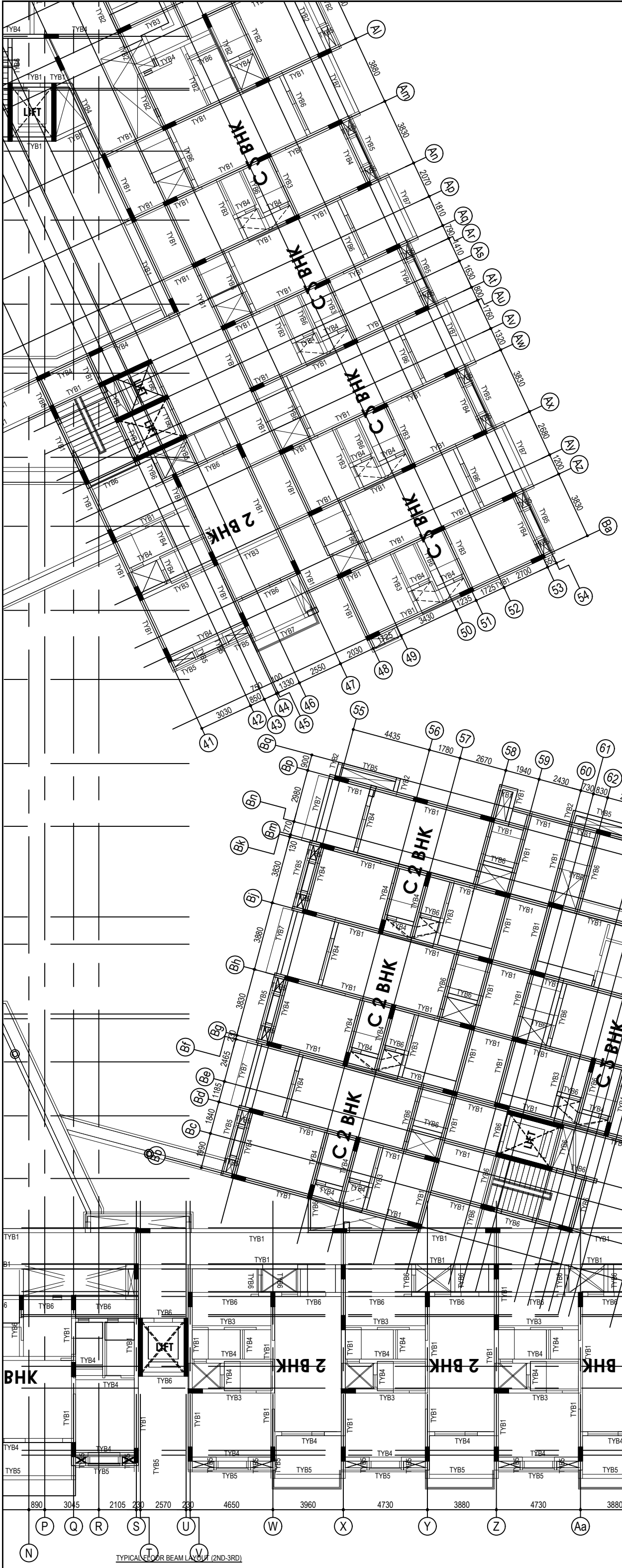
DRAWING TITLE:

TYPICAL FLOOR BEAM LAYOUT(2ND-3RD)

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SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	
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DRAWING TITLE:

TYPICAL FLOOR BEAM LAYOUT(2ND-3RD)

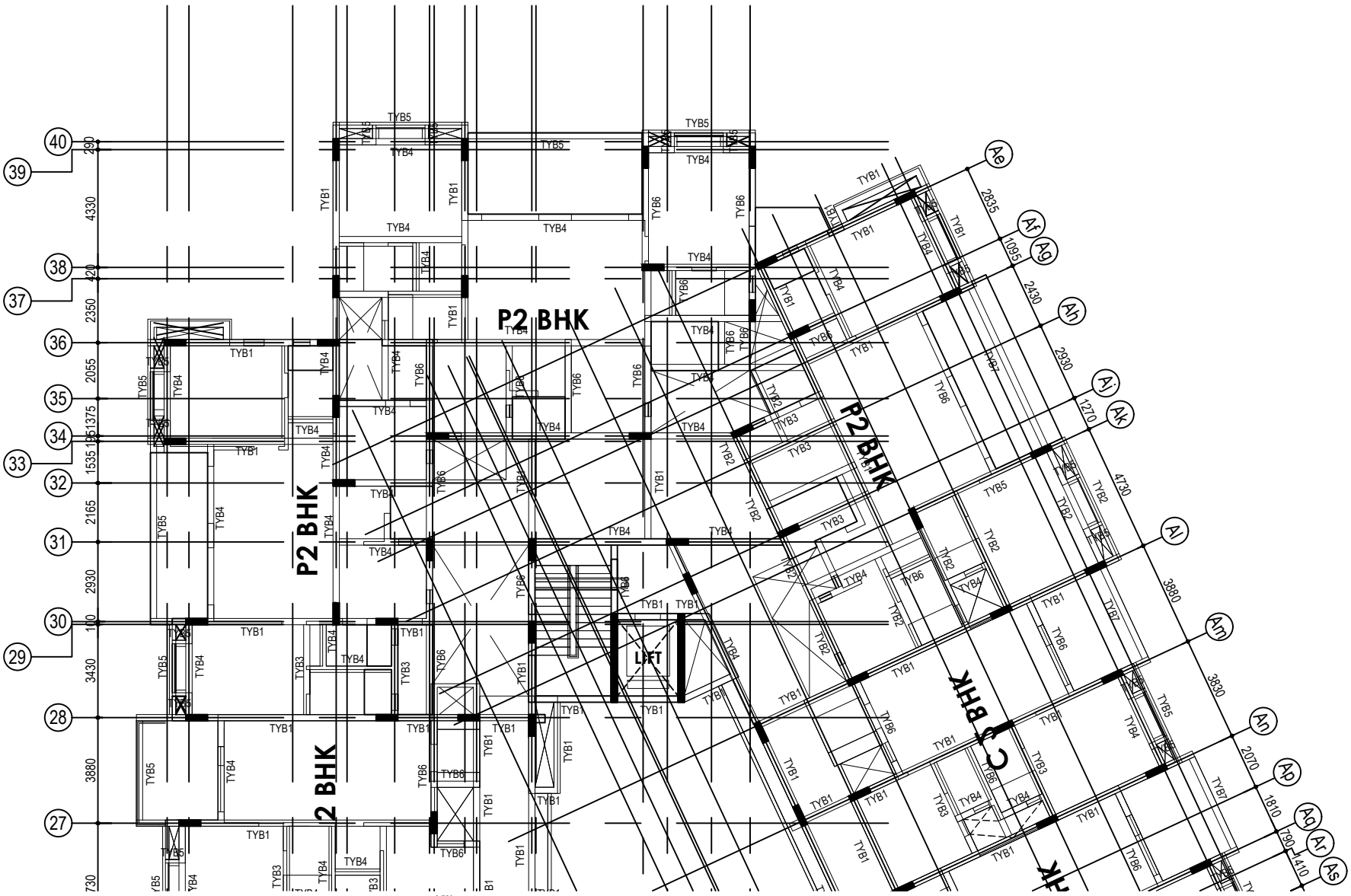
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SATHURUKKALP	G.G	G.G	APPROVAL
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	

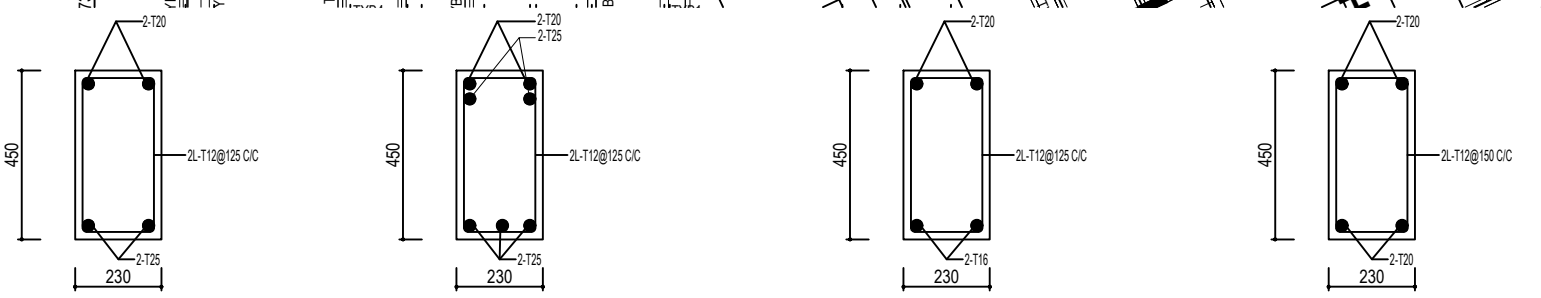
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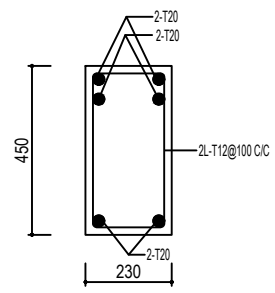


C.S OF BEAM -TYB1(AT MID)
(SCALE 1:10)

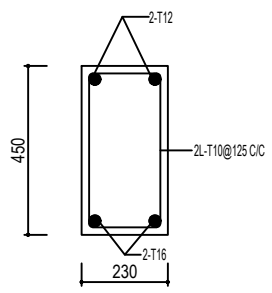
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(SCALE 1:10)

C.S OF BEAM -TYB2
(SCALE 1:10)

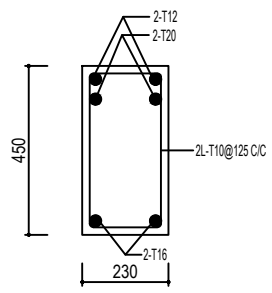
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(SCALE 1:10)



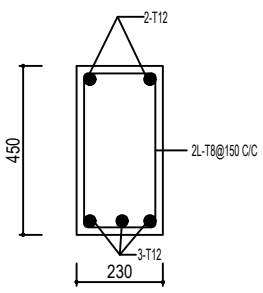
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(SCALE 1:10)



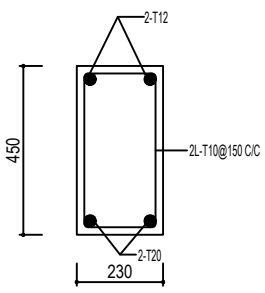
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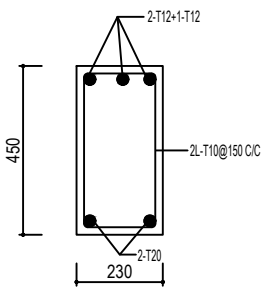
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(SCALE 1:10)



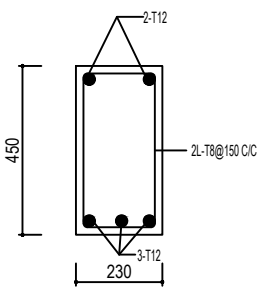
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(SCALE 1:10)



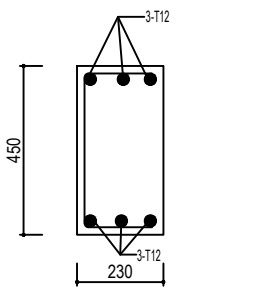
C.S OF BEAM -TYB6(AT MID)
(SCALE 1:10)



C.S OF BEAM -TYB6(AT SUPPORT)
(SCALE 1:10)



C.S OF BEAM -TYB7(AT MID)
(SCALE 1:10)



C.S OF BEAM -TYB7
(SCALE 1:10)

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Email Id: mosesomu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

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R0	ISSUE FOR APPROVAL

PROJECT TITLE:

PHASE-3 TOWER BLOCK

CLIENT:

GT REALTY | Bharathi Meraki

GT BHARATHI URBAN DEVELOPERS PVT. LTD.
OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:

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email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. TOWER BLOCK

DRAWING TITLE:

TYPICAL FLOOR BEAM LAYOUT(2ND-3RD)

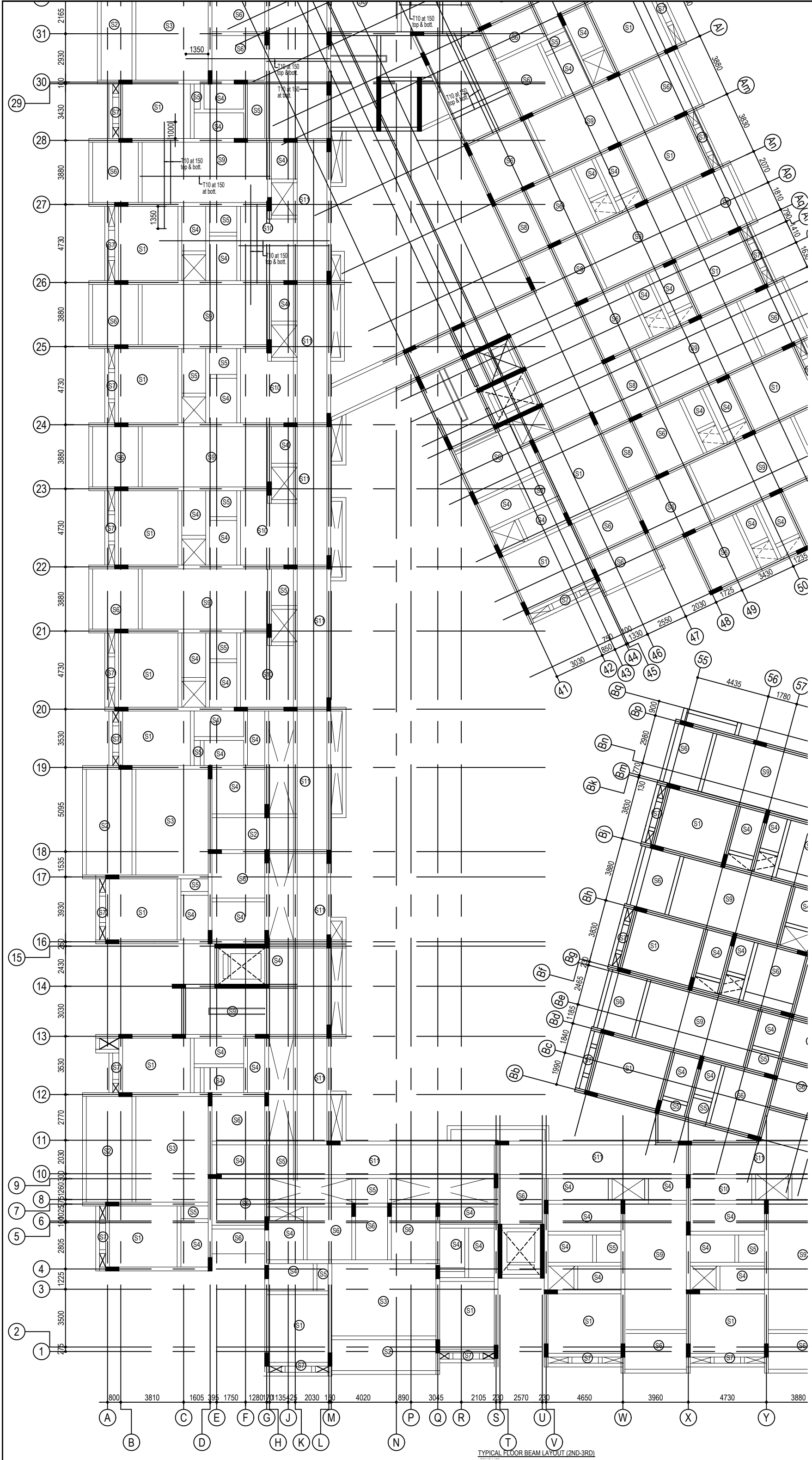
DRAWN:	DESIGNED:	APPROVED:	STAGE:
SATHURUKKALP	G.G	G.G	APPROVAL
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	

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REVISION: R0

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TYPICAL FLOOR SLAB DETAILS(2ND-3RD)

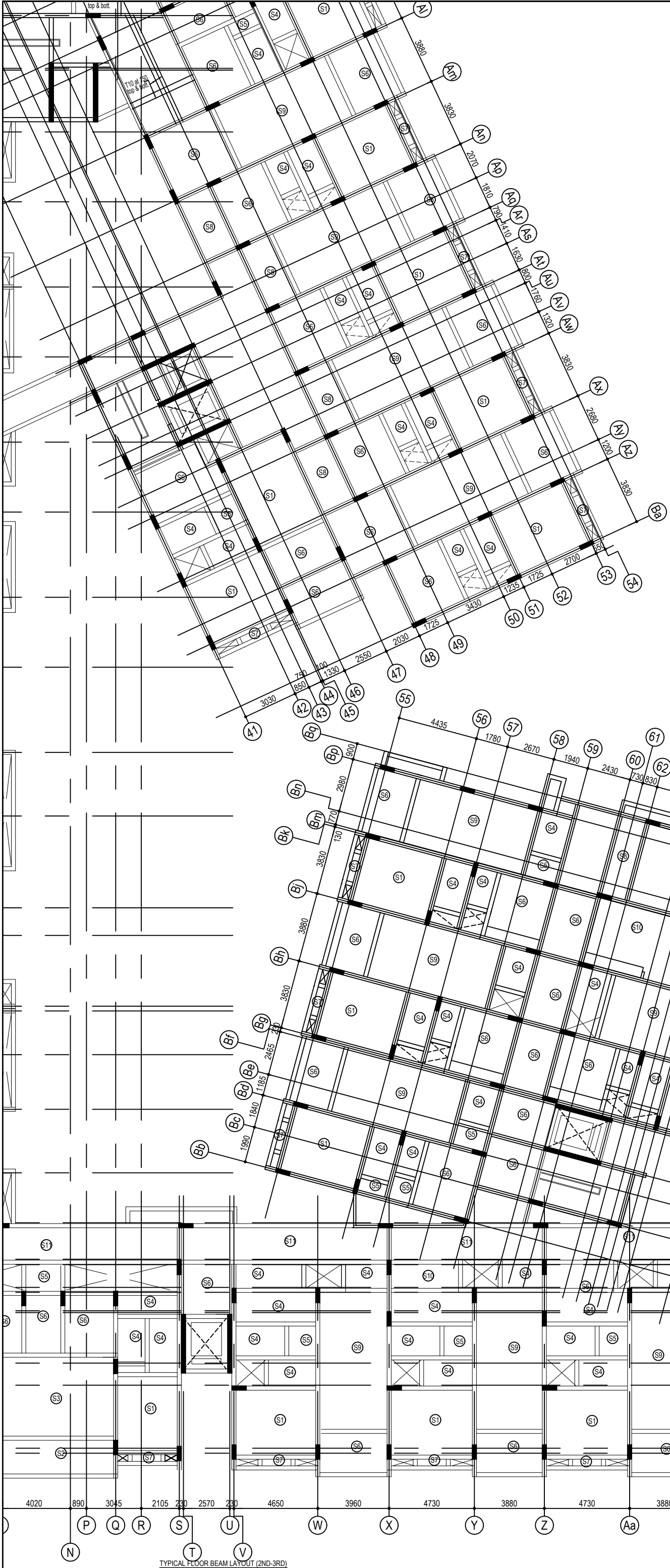
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PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. TOWER BLOCK

DRAWING TITLE:

TYPICAL FLOOR SLAB DETAILS(2ND-3RD

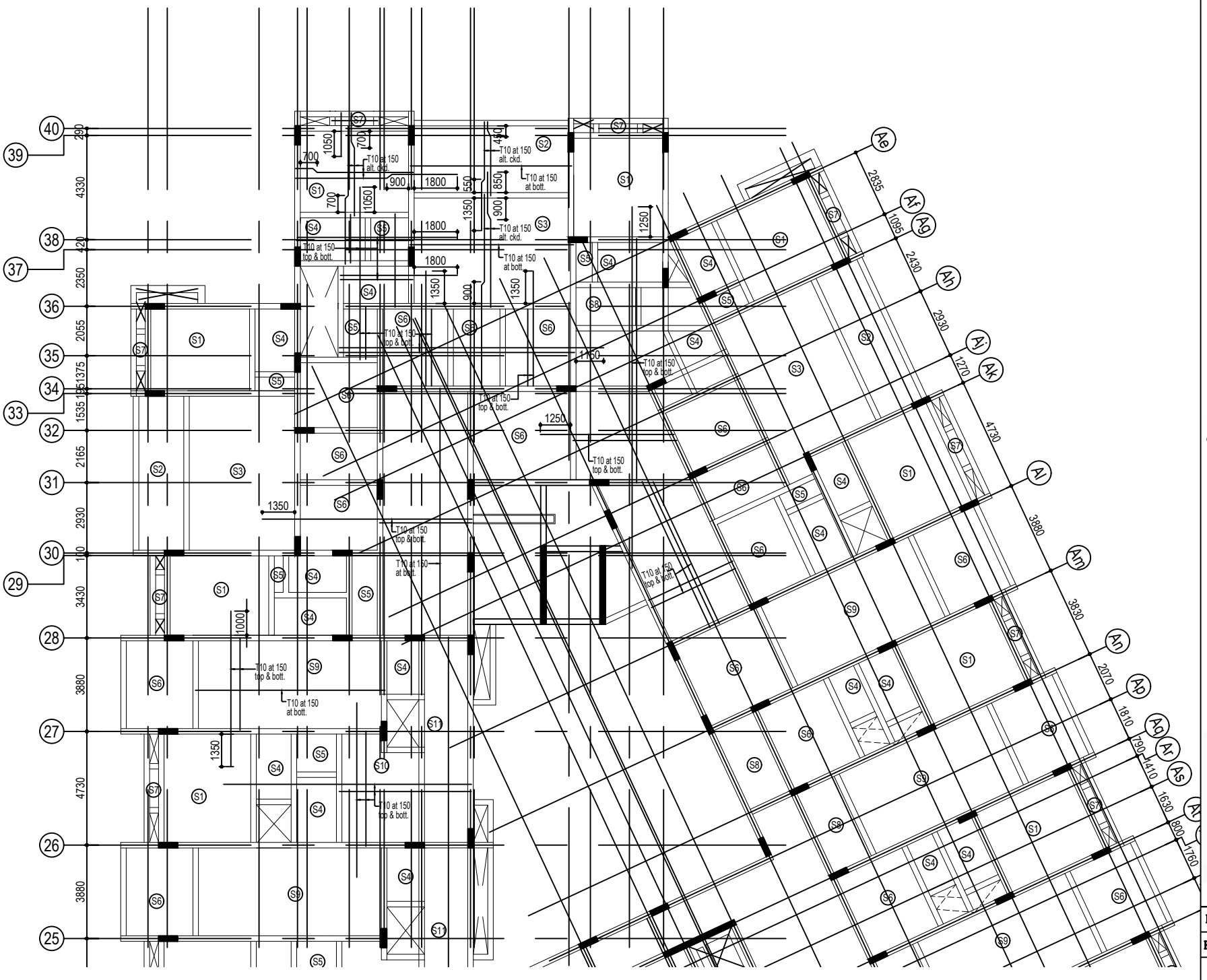
DRAWN: SATHURUKKAN.P	DESIGNED: G.G	APPROVED: G.G	STAGE: APPROVAL
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24222/SD/FFSD/17

REVISION: R0

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NOTES:

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4. USE CONCRETE - M25.
5. ALL REINFORCEMENTS SHALL BE OF GRADE Fe550 CONFIRMING IS-1786
6. FOOTING DESIGNED FOR G+4 ONLY.
7. NO ADMIXTURES SHALL BE ADDED WITHOUT PERMISSION OF CONSULTANT
8. CLEAR COVER TO REINFORCEMENT FOR
   a) FOUNDATION: 50MM. c) COLUMN: 40MM.
   b) BEAM: 30MM. d) SLAB: 25MM.
9. SBC OF SOIL CONSIDERED AS 21T/SQM AS PER SOIL REPORT
10. LAPPING SHALL BE 50 TIMES DIA. OF THE BAR
11. STRUCTURAL DETAILED DRAWINGS ARE ISSUED FOR G+4 ONLY.
12. DE-SHUTTERING PERIOD AS PER IS 456
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14. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.

For GT BHARATHI URBAN DEVELOPERS PVT LTD

AUTHORISED SIGNATORY

OWNER'S SIGNATURE

Nithya T, B.Arch.,
Registered Architect
Council of Architecture
CA / 2018 / 91485 Valid Till : 31 / 12 / 2029
G-3, Block - 3, Shivani Apartments, 40, East Coast Road,
Thiruvanmiyur, Chennai - 600 041. Tamilnadu.
Phone : 98849 14921
E-mail : nithyat.leo@gmail.com

SIGNATURE OF ARCHITECT

Er.S.MOSES ARANGANATHAN
B.E., M.E(Struct.) FIE, FIA(Struct.),., FIV.,
DTCP Registered Structural Engineer-Grade-I (RSE)
DTCP Reg.No. TVLR/RSE/Gr-I/2024/07/006
Maduravoyal, Chennai - 600095
Email Id: mosessomu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

Rev.	Description
R0	ISSUE FOR APPROVAL

PROJECT TITLE:

PHASE-3 TOWER BLOCK

CLIENT:

GT BHARATHI URBAN DEVELOPERS PVT. LTD.
OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:

GCON ENGINEERS
A COMPLETE CIVIL ENGINEERING FIRM

email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. TOWER BLOCK

DRAWING TITLE:

TYPICAL FLOOR SLAB DETAILS(2ND-3RD

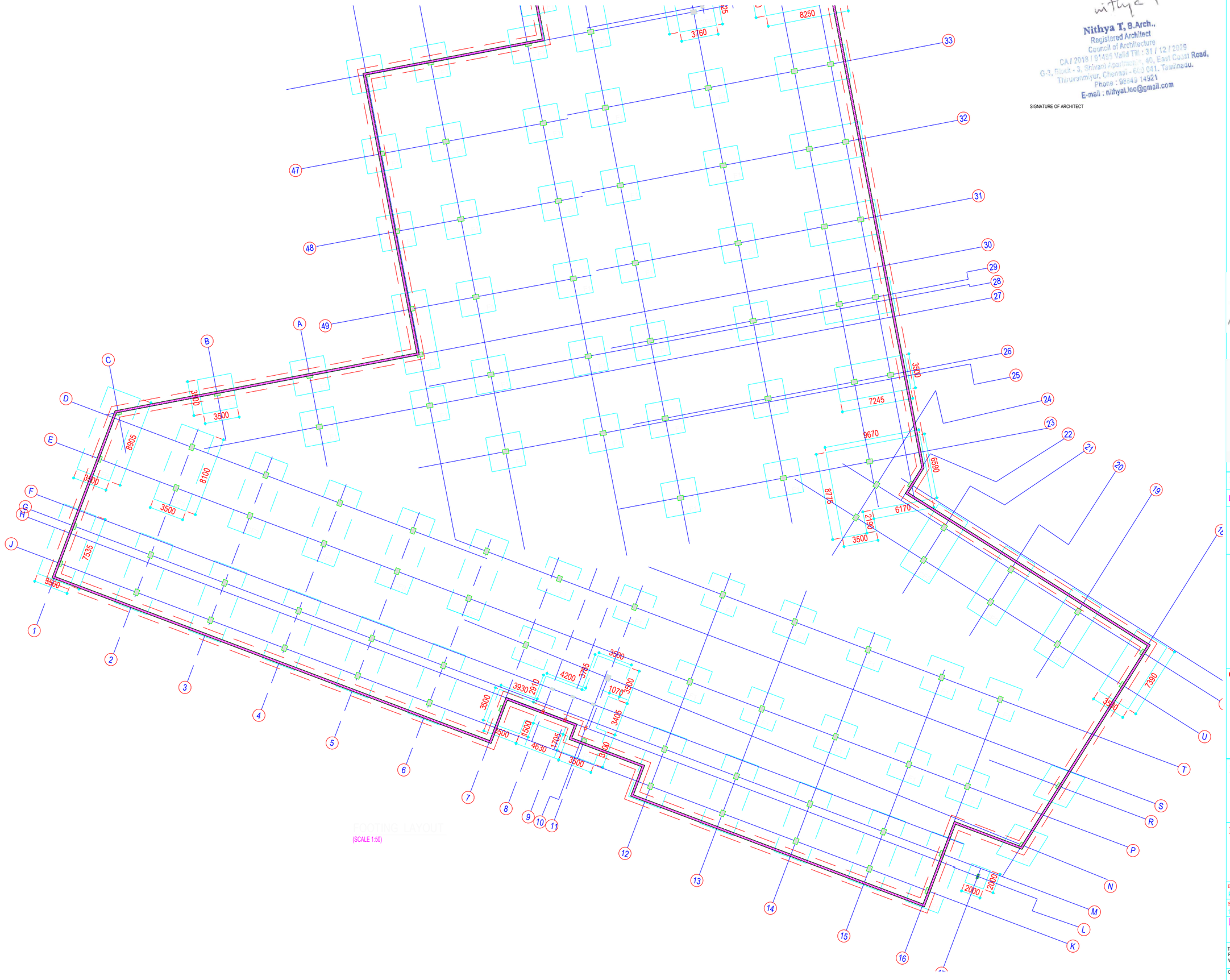
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SATHURUKKALP	G.G	G.G	APPROVAL
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	

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FOOTING LAYOUT

(SCALE 1:50)

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CA / 2018 / 91485 Valid Till : 31 / 12 / 2029
G-3, Block - 3, Shivani Apartments, 40, East Coast Road,
Thiruvanmiyur, Chennai - 600 041, Tamilnadu.
Phone : 98843 14921
E-mail : nithyat.leo@gmail.com

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For GT BHARATHI URBAN DEVELOPERS PVT LTD

AUTHORISED SIGNATORY

OWNER'S SIGNATURE

Er.S.MOSES ARANGANATHAN
B.E., M.E(Struct.) FIE, FIA(Struct.)., FIV.,
DTCP Registered Structural Engineer-Grade-I (RSE)
DTCP Reg.No. TVLR/RSE/Gr-I/2024/07/006
Maduravoyal, Chennai - 600095
Email Id: mosescsomu@gmail.com

Rev.	Description
R0	ISSUE FOR APPROVAL

PROJECT TITLE:

PHASE-2 PODIUM

CLIENT:

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OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:

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email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING
AT VEDANEMELI,ECR. PODIUM

DRAWING TITLE:

FOOTING LAYOUT

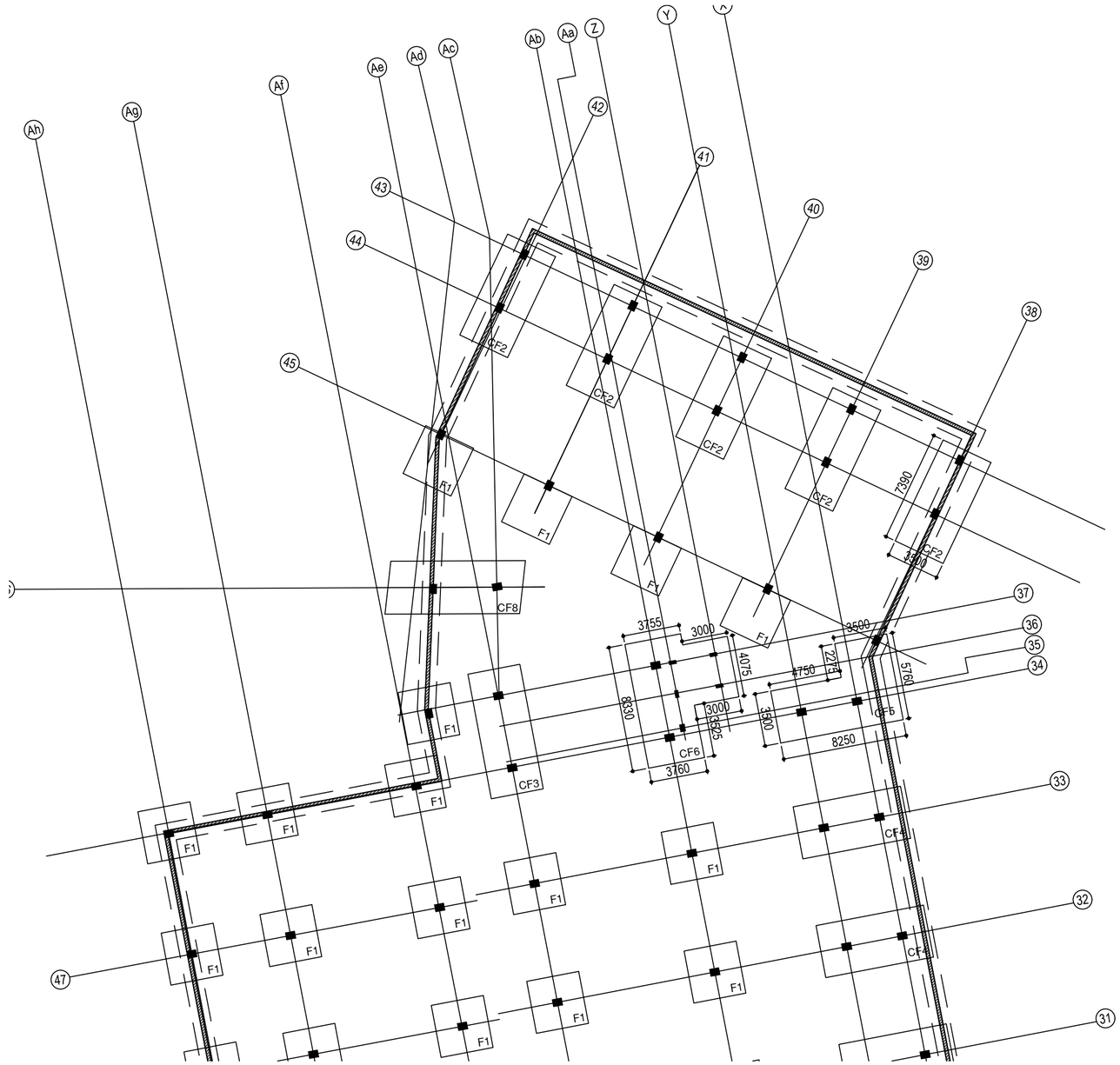
DRAWN:	DESIGNED:	APPROVED:	STAGE:
ROHAN	HARI	GG	APPROVAL
SCALE: 1:175	DATE: 06-12-2024	E-MAIL: gconchennai@gmail.com	

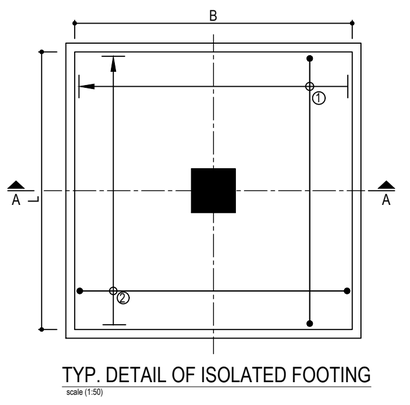
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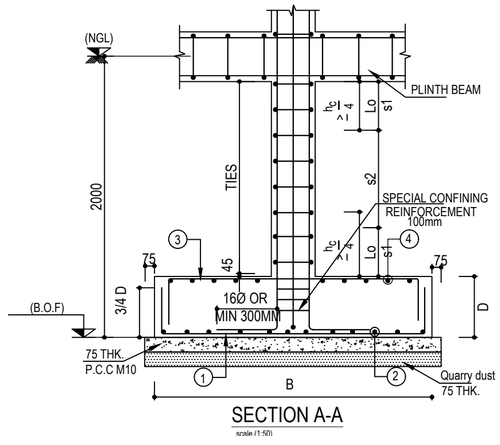
ORIGINAL SIZE OF THIS DRAWING IS A1





TYP. DETAIL OF ISOLATED FOOTING

scale (1:50)



SECTION A-A

scale (1:50)

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SIGNATURE OF ARCHITECT

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DTCP Registered Structural Engineer-Grade-I (RSE)
DTCP Reg.No. TVLR/RSE/Gr-I/2024/07/006
Maduravoyal, Chennai - 600095
Email Id: mosescsomu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

Rev.	Description
R0	ISSUE FOR APPROVAL

PROJECT TITLE:

PHASE-2 PODIUM

CLIENT:

GT BHARATHI URBAN DEVELOPERS PVT. LTD.
OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:

GCON ENGINEERS
A COMPLETE CIVIL ENGINEERING FIRM
email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. PODIUM

DRAWING TITLE:

FOOTING LAYOUT

DRAWN:	DESIGNED:	APPROVED:	STAGE:
ROHAN	HARI	G.G	APPROVAL
SCALE: 1:175	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24223/SD/FL/02

REVISION: R0

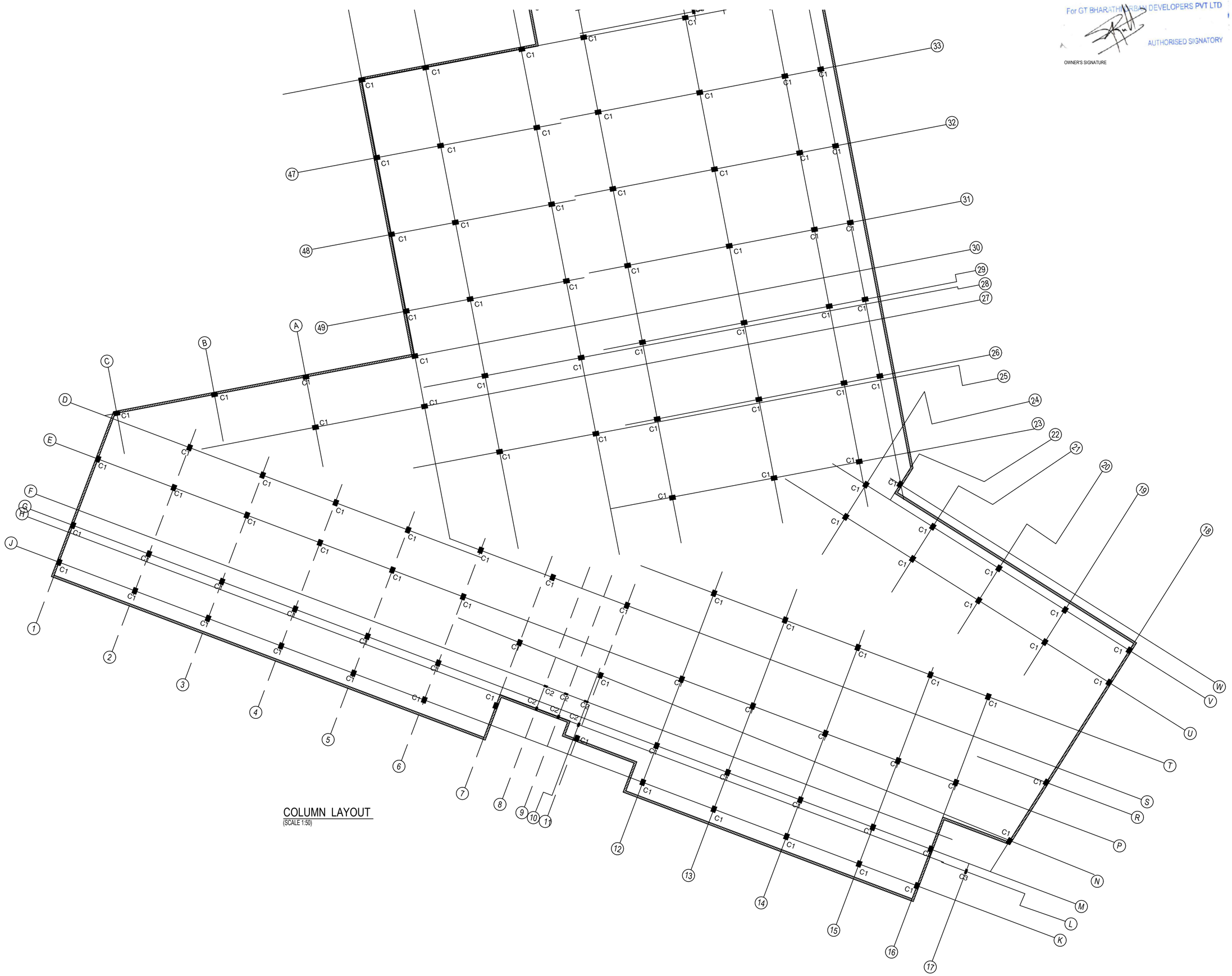
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OWNER'S SIGNATURE



COLUMN LAYOUT
(SCALE 1:50)

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email: gconchennai@gmail.com

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PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. PODIUM

DRAWING TITLE:

COLUMN LAYOUT

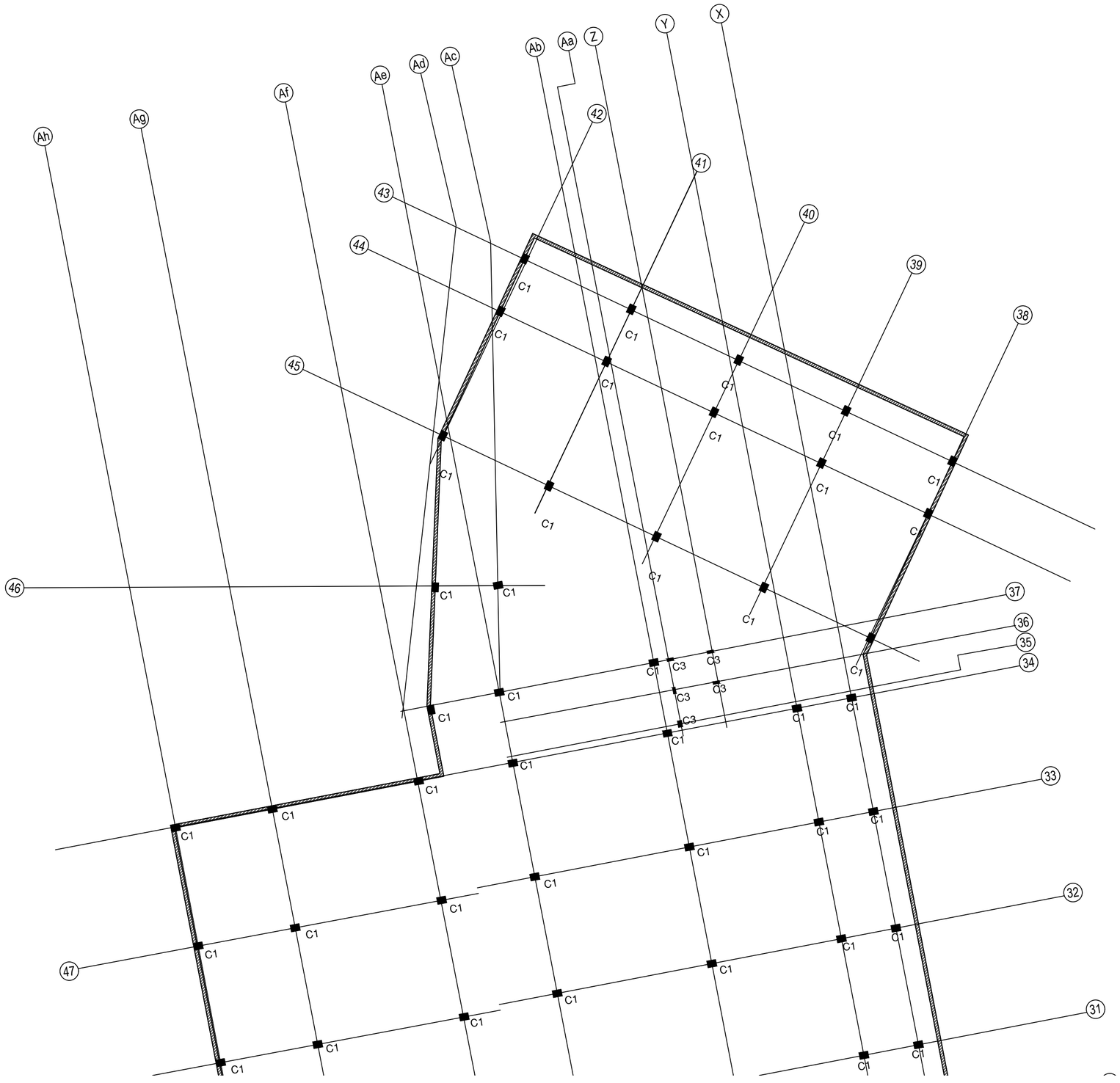
DRAWN:	DESIGNED:	APPROVED:	STAGE:
ROHAN	HARI	G.G	APPROVAL
SCALE: 1:175	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	

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For GT BHARATHI URBAN DEVELOPERS PVT LTD

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Maduravoyal, Chennai - 600095
Email Id: mosesarmu@gmail.com

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PHASE-2 PODIUM

CLIENT:

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CONSULTANT:

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PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. PODIUM

DRAWING TITLE:

COLUMN LAYOUT

DRAWN:	DESIGNED:	APPROVED:	STAGE:
ROHAN	HARI	G.G	APPROVAL
SCALE: 1:75	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	

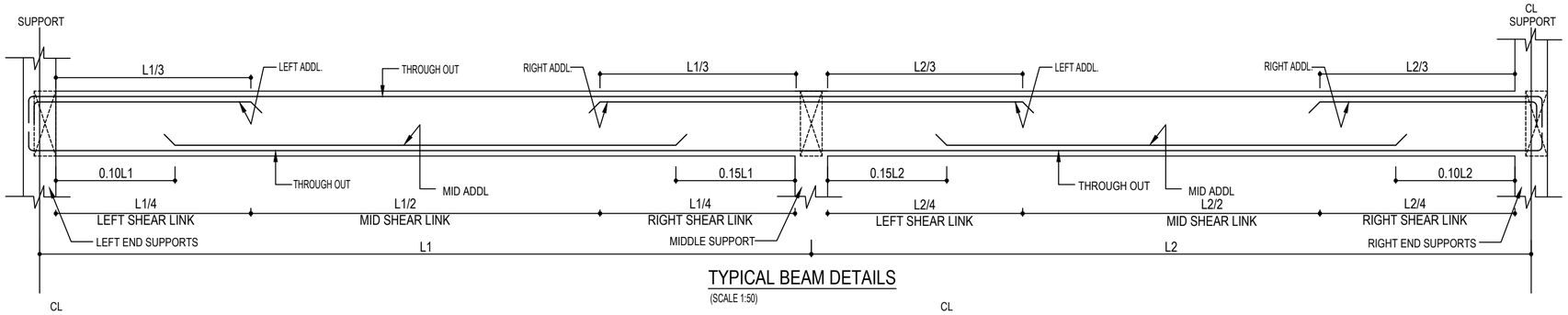
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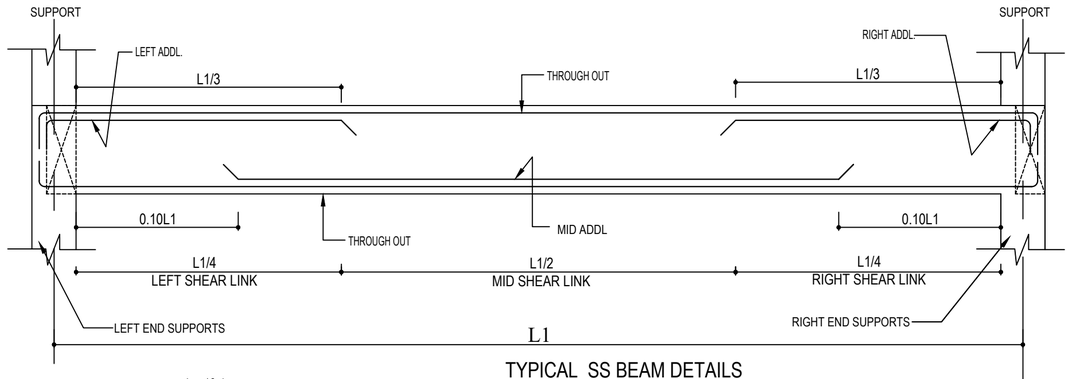
ORIGINAL SIZE OF THIS DRAWING IS A1

	M25 : Fe550 , COVER = 40MM	M25 : Fe550 , COVER = 40MM	M25 : Fe550 , COVER = 40MM
FOOTING TO TERRACE	LINKS	LINKS	LINKS
	T10 @ 125	T10 @ 150	T8 @ 125
	450, 600, ⊗T32	450, 600, ⊗T32 ⊗T25	200, 450, ⊗T25
	20-T32	8-T32 + 8-T25	12-T25
COLUMN MARKED	C1	C2	C3

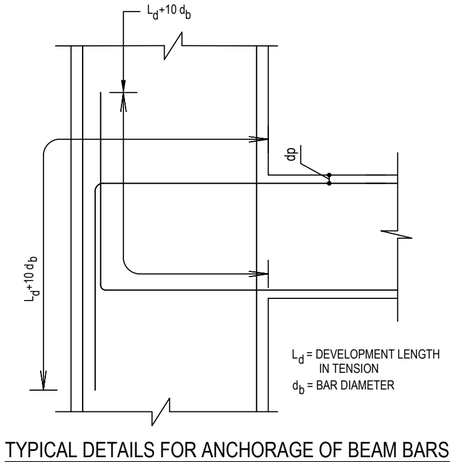


TYPICAL BEAM DETAILS

(SCALE 1:50)

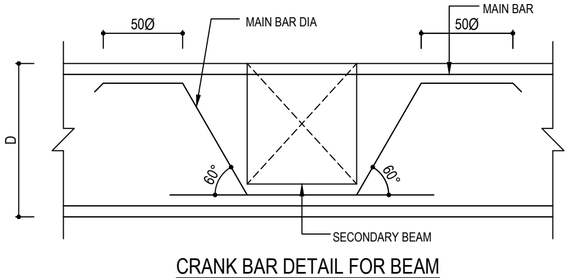


TYPICAL SS BEAM DETAILS



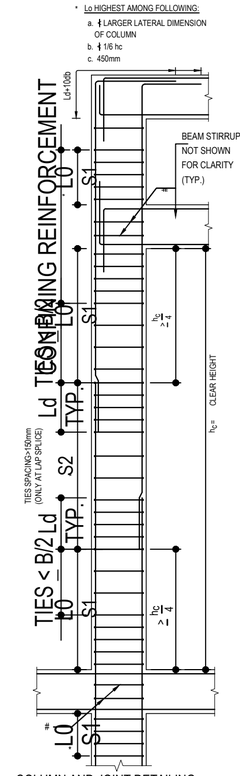
TYPICAL DETAILS FOR ANCHORAGE OF BEAM BARS

(Scale 1:50)



CRANK BAR DETAIL FOR BEAM

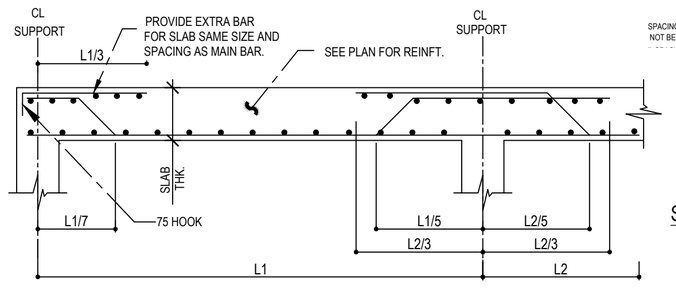
(Scale 1:50)



COLUMN AND JOINT DETAILING (WITH LAPS/MECH. SPLICE)

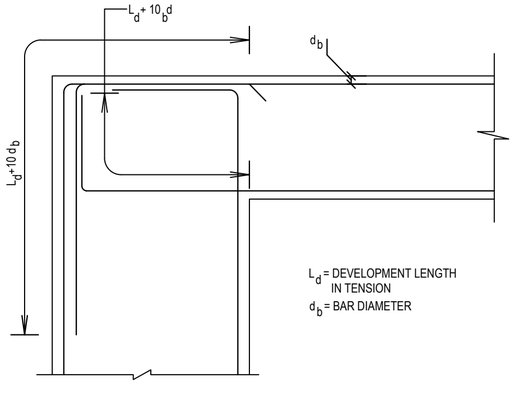
(Scale 1:50)

SPACING OF TIES IN Lo REGION SHALL NOT EXCEED B/4 BUT NEED NOT BE LESS THAN 75MM NOR MORE THAN 100mm.



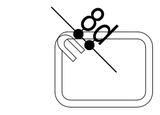
TYPICAL SLAB DETAIL

(Scale 1:50)

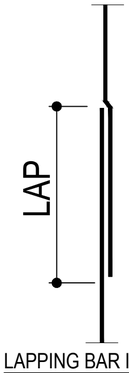


TYPICAL DETAILS FOR ANCHORAGE OF BEAM BARS

(SCALE 1:50)



STIRRUPS IN COLUMN (TYP.)



LAPPING BAR IN COLUMN SIZE

(Scale 1:50)

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PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. PODIUM

DRAWING TITLE:

COLUMN REINF., DETAILS

DRAWN:	DESIGNED:	APPROVED:	STAGE:
ROHAN	HARI	G.G	APPROVAL
SCALE: 1:175	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24223/SD/CRD/05

REVISION: R0

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ORIGINAL SIZE OF THIS DRAWING IS A1



PODIUM BEAM LAYOUT
(SCALE 1:50)

NOTES:

1. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE THE EXECUTION OF WORK.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE KEY PLAN AND ALL OTHER RELEVANT DRAWINGS.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
4. USE CONCRETE - M25.
5. ALL REINFORCEMENTS SHALL BE OF GRADE Fe550 CONFIRMING IS-1786
6. FOOTING DESIGNED FOR P+1 ONLY.
7. NO ADMIXTURES SHALL BE ADDED WITHOUT PERMISSION OF CONSULTANT
8. CLEAR COVER TO REINFORCEMENT FOR
   a) FOUNDATION: 50MM. c) COLUMN: 40MM.
   b) BEAM: 30MM. d) SLAB: 25MM.
9. SBC OF SOIL CONSIDERED AS 21T/SQM AS PER SOIL REPORT
10. LAPPING SHALL BE 50 TIMES DIA. OF THE BAR
11. STRUCTURAL DETAILED DRAWINGS ARE ISSUED FOR G+1 ONLY.
12. DE-SHUTTERING PERIOD AS PER IS 456
13. ALL SORTS OF PRECAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION.
14. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.

Rev.	Description
R0	ISSUE FOR APPROVAL

PROJECT TITLE:

PHASE-2 PODIUM

CLIENT:

GT BHARATHI URBAN DEVELOPERS PVT. LTD.
OLD No: 31 & 32, New No: 81 & 83,
Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:

GCON ENGINEERS
A COMPLETE CIVIL ENGINEERING FIRM

email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. PODIUM

DRAWING TITLE:

PODIUM BEAM LAYOUT

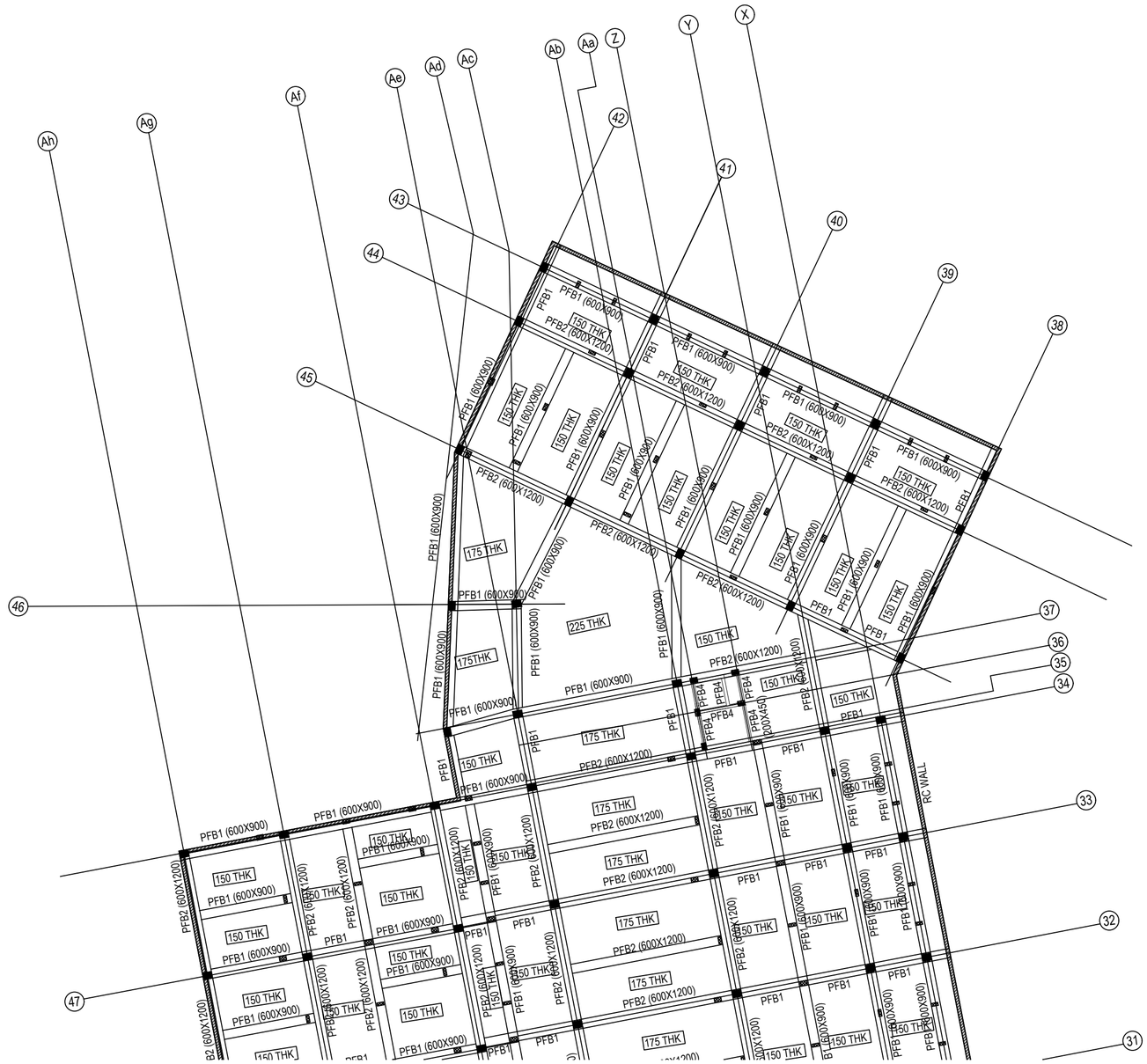
DRAWN:	DESIGNED:	APPROVED:	STAGE:
ROHAN	HARI	G.G	APPROVAL
SCALE:	DATE:	E-MAIL:	
1:175	05-12-2024	gconchennai@gmail.com	

DRAWING NO: GC/GT/24223/SD/PL/06

REVISION: R0

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PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. PODIUM

DRAWING TITLE:

PODIUM BEAM LAYOUT

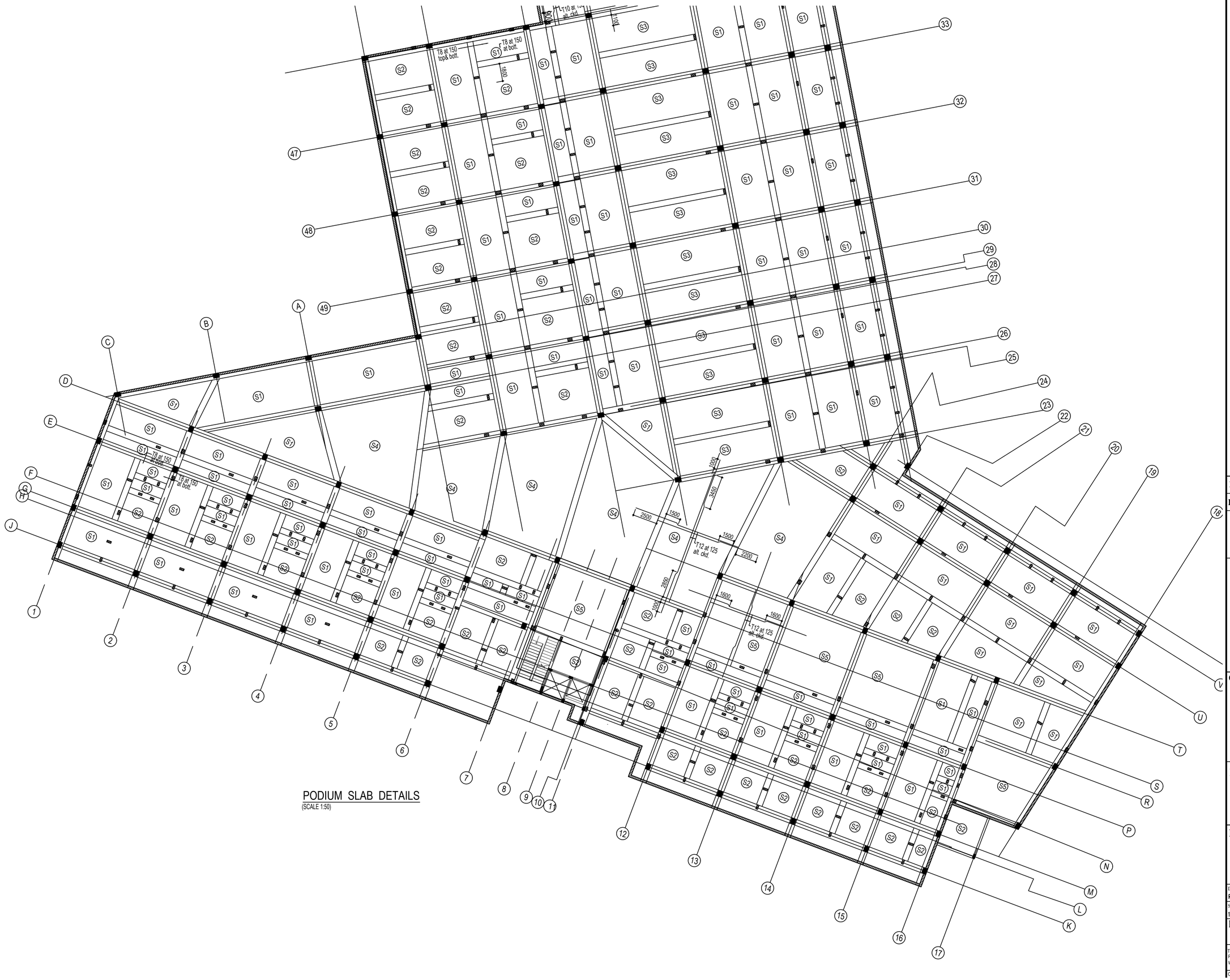
DRAWN:	DESIGNED:	APPROVED:	STAGE:
ROHAN	HARI	G.G	APPROVAL
SCALE: 1:175	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24223/SD/PL/07

REVISION: R0

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PODIUM SLAB DETAILS
(SCALE 1:50)

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PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. PODIUM

DRAWING TITLE:

PODIUM SLAB DETAILS

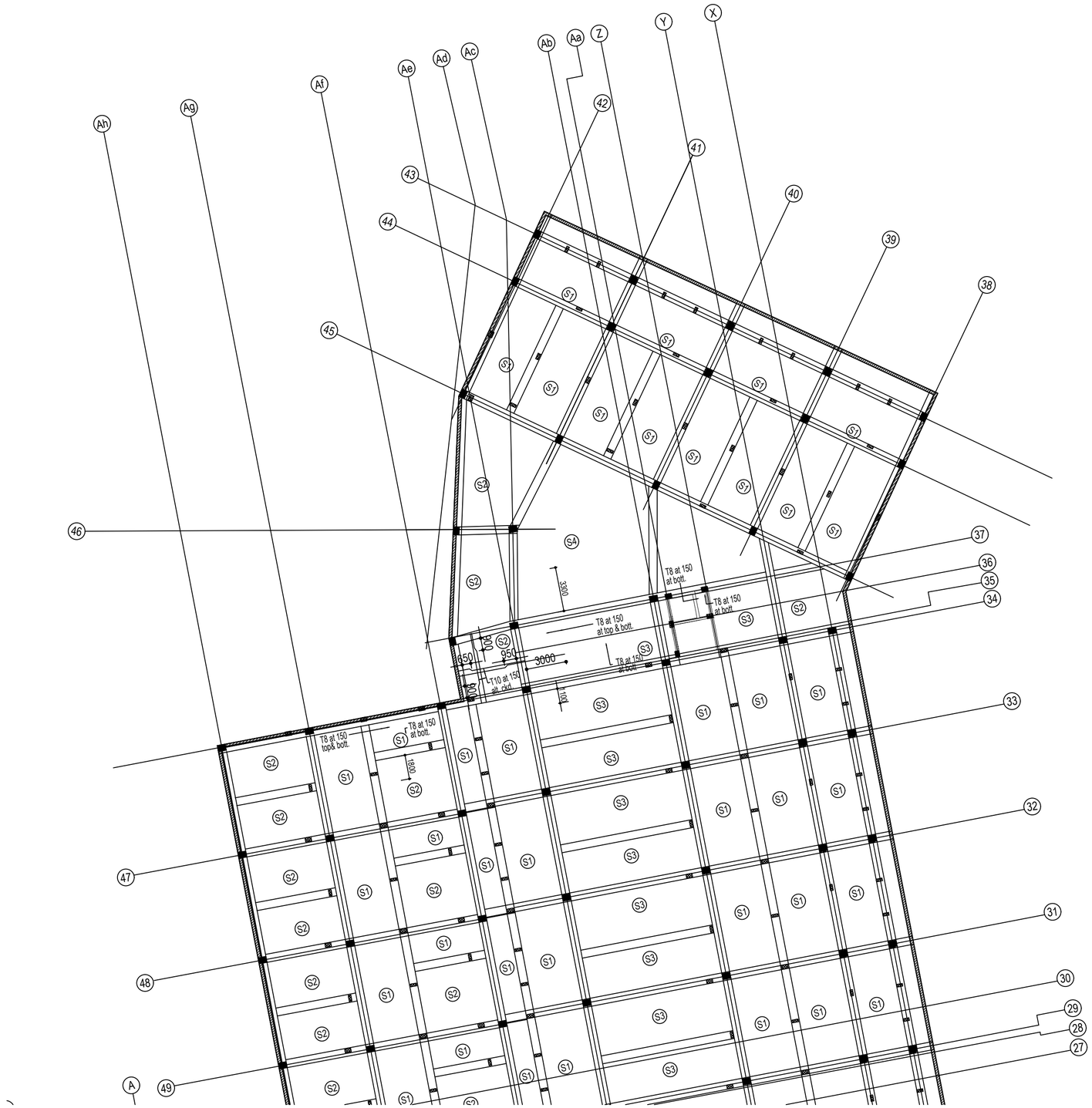
DRAWN:	DESIGNED:	APPROVED:	STAGE:
ROHAN	HARI	G.G	APPROVAL
SCALE: 1:175	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24223/SD/PSD/08

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PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI,ECR. PODIUM

DRAWING TITLE:

PODIUM SLAB DETAILS

DRAWN:	DESIGNED:	APPROVED:	STAGE:
ROHAN	HARI	G.G	APPROVAL
SCALE: 1:175	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO: GC/GT/24223/SD/PSD/09

REVISION: R0

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THE LANDLENS SUITE

Eight ways to know a piece of land before you pay for it.

This report covers one part of the picture. These cover the rest, drawn from the same government records, for any property in Tamil Nadu.

LandLens One
Ask anything about a property and get an answer grounded in live government records, with the sources shown.
/landlens/one

Verify My Land
Every record check run on one property and returned as a single report.
/landlens/verify-my-land

Legal Opinion
An advocate's written opinion on the title, built on the records we pull for it.
/landlens

One Map
Every layer on one map: the parcel, its boundary, zoning, water bodies and what sits around it.
/landlens/one/map

PriceMap
What land actually changed hands for around this plot, taken from the registered deeds.
/landlens/pricemap

Build Scope
What you are allowed to build here: floor space, height, coverage and setbacks.
/landlens/build-scope

Property Tracker
Watch a property and hear about it when something new is registered against it.
/landlens/property-tracker

Deal Room
Run the transaction in one place: documents, stamping, signatures and the parties.
/landlens/deal-room

FREE TOOLS · NO ACCOUNT NEEDED

Twenty-four checks you can run yourself, at no cost.

Records and verification

The registers themselves, read for you.

- Encumbrance Certificate
- Patta and Chitta
- Field Measurement Sketch
- EC Analyzer
- Bank charge check
- Court case search
- Seller background check
- Approval check by survey

Value and duty

What it is worth and what it costs to register.

- Guideline value by street
- Guideline value by survey
- Stamp duty and registration fees
- Capital gains
- Floor space index
- Area unit converter

Zoning and land use

What the plan says can happen on this land.

- Land use zone finder
- CMDA land use check
- Coastal regulation zone
- Master plan check
- Water bodies finder
- Airport height clearance

Registers and directories

Who holds it, and which office keeps the record.

- Find your registering office
- Temple property check
- Waqf property check
- RERA register

Every free tool
/tools

Services we run for you
/services

The LandLens suite
/landlens/one

Verified RealEstate™

Every claim in this document traces back to a government record.

- Legal opinions, due diligence and title verification
- Building plan, layout and sub-division approvals
- Completion and occupancy certificates, regularisation
- Escrow, negotiation and NRI property management
- Land survey, soil testing, architecture and construction

Verified RealEstate
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai 600 097, India
hello@verified.realestate
+91 9996 12 9996

Prepared from the registers named on the page each finding sits on. Where a register could not be read, this document says so in its place rather than leaving the gap to be read as a clean result.