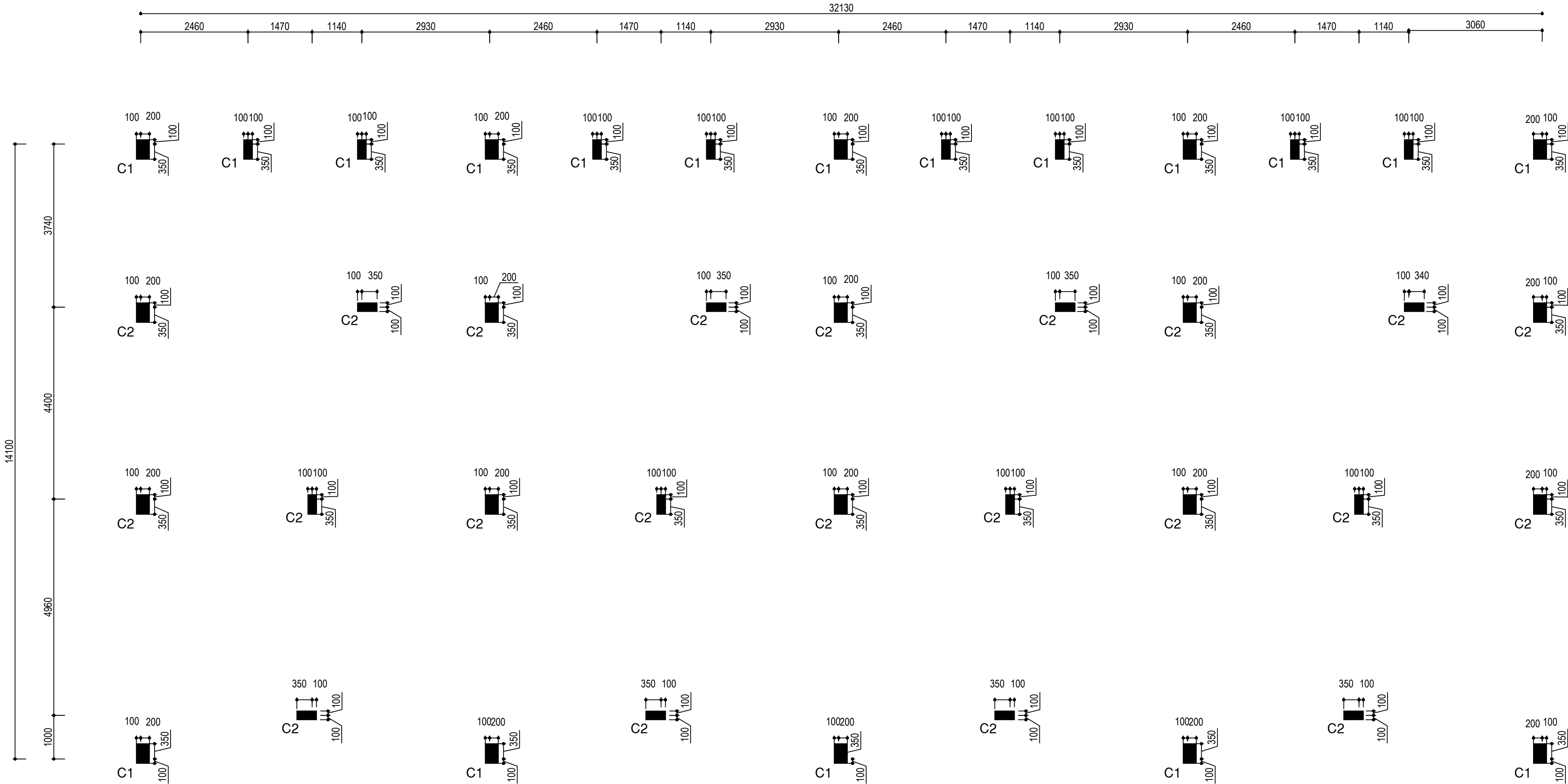




COLUMN LAYOUT
(SCALE 1:50)

For GT BHARATHI URBAN DEVELOPERS PVT LTD
AUTHORISED SIGNATORY

- NOTES:
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 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 21150MM 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.

withya T
Nithya T, B.Arch.,
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Council of Architecture
CA / 2018 / 91455 Valid Till : 31 / 12 / 2029
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Phone : 98849 14921
E-mail : nithyat.leo@gmail.com

SIGNATURE OF ARCHITECT

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Email id: mosesomur@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

Rev. Description

PROJECT TITLE:

PHASE-2 PODIUM

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.
BLOCK 06-A6-05

DRAWING TITLE:

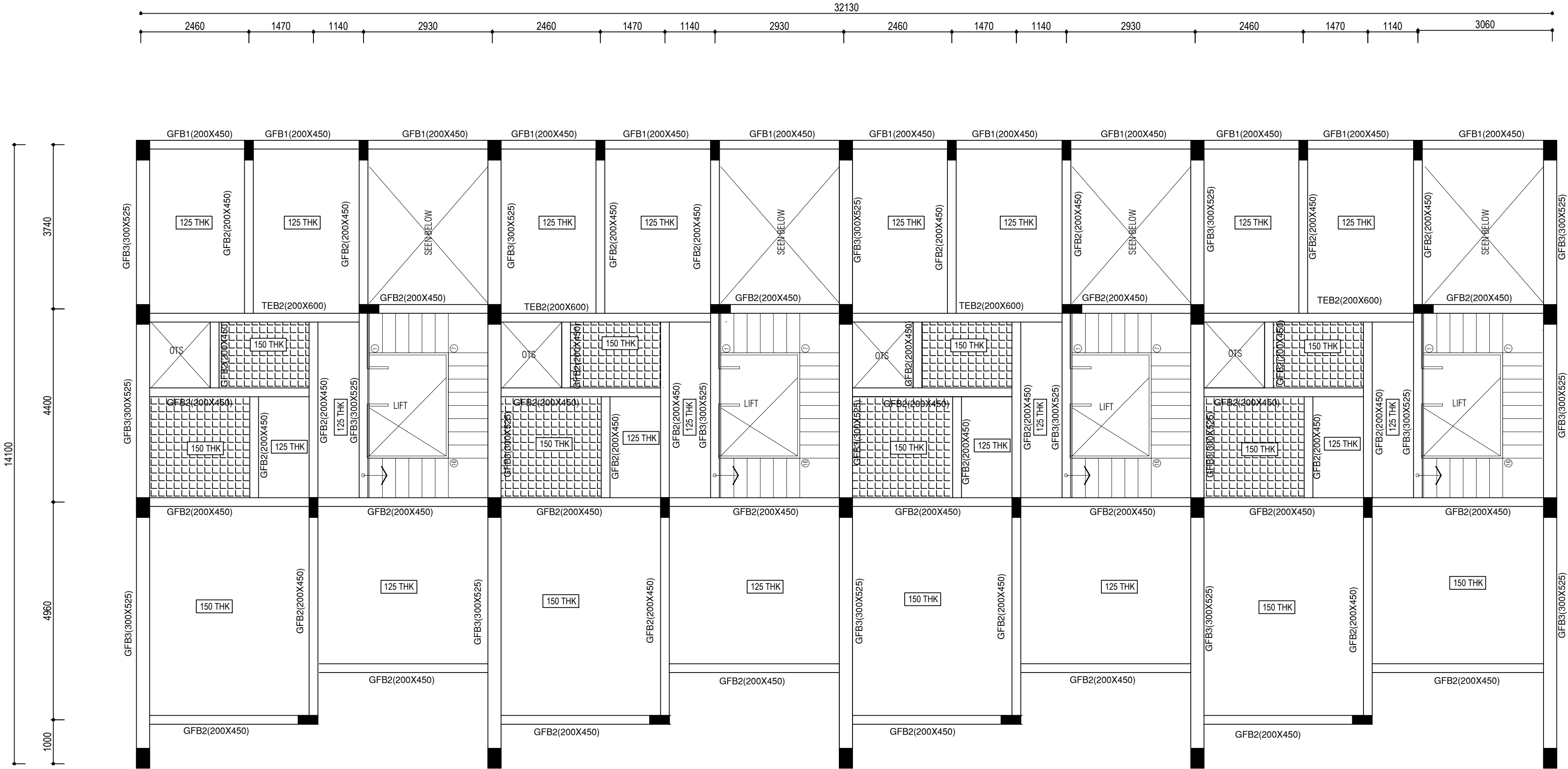
COLUMN LAYOUT

DRAWN: M.CHITRA
DESIGNED: HAN
APPROVED: G.C
STAGE: 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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ORIGINAL SIZE OF THIS DRAWING IS A1



GROUND FLOOR ROOF BEAM LAYOUT
(SCALE 1:50)

NOTES:

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 - FOUNDATION: 50MM. c) COLUMN: 40MM.
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- LAPPING SHALL BE 50 TIMES DIA. OF THE BAR
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- ALL SORTS OF PRECAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION.
- ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.

withya T
Nithya T, B.Arch.
Registered Architect
Council of Architecture
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Er.S.Moses Aranganathan
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Email Id: mosecsomu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

RO ISSUE FOR APPROVAL

Rev. Description

PROJECT TITLE:

PHASE-2 PODIUM

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

PROJECT TITLE:

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

DRAWING TITLE:

GROUND FLOOR ROOF BEAM LAYOUT

DRAWN: M.CHITRA	DESIGNED: HAR	APPROVED: GC	STAGE: APPROVAL
SCALE: 1:50	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	
DRAWING NO: GC/GT/24223/SD/GFL/02			REVISION: R0

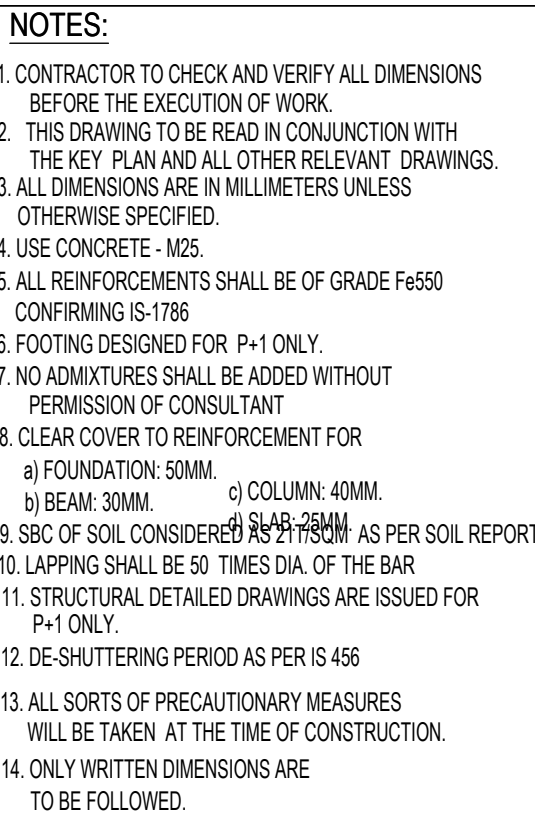
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ORIGINAL SIZE OF THIS DRAWING IS A1

For GT BHARATHI URBAN DEVELOPERS PVT LTD

OWNER'S SIGNATURE

AUTHORISED SIGNATORY



withya T

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Council of Architecture
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DTCF Registered Structural Engineer-Grade-I (R/S)
DTCF Reg.No. TVLR/RSE/Gr-I/2024/07/00
Maduravoyal, Chennai - 600095
Email Id: moses.sornu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

RO	ISSUE FOR APPROVAL
----	--------------------

Rev.	Description
------	-------------

PROJECT TITLE:

PHASE-2 PODIUM

CLIENT:



CONSULTANT:



PROJECT TITLE:

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

DRAWING TITLE:

GROUND FLOOR ROOF SLAB DETAIL

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

DRAWING NO:
GC/GT/24223/SD/GSD/03

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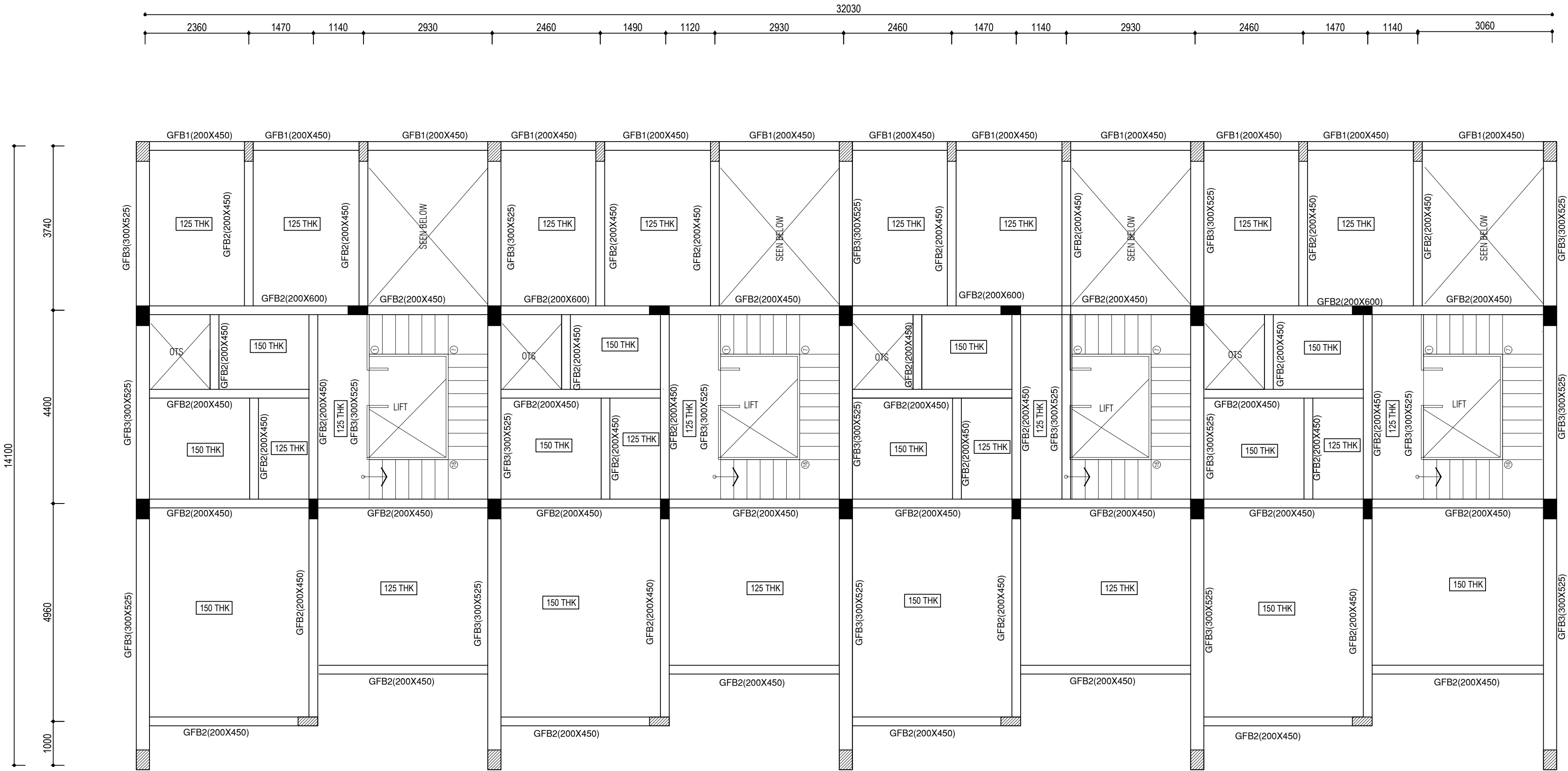
GROUND FLOOR ROOF SLAB DETAILS

(SCALE 1:50)

For GT BHARATHI URBAN DEVELOPERS PVT LTD

AUTHORISED SIGNATORY

OWNER'S SIGNATURE



TERRACE FLOOR BEAM LAYOUT
(SCALE 1:50)

- NOTES:
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withya T
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DTPC Reg.No. TVLR/RSE/Gr-I/2024/07/006
Maduravoyal, Chennai - 600095
Email Id: moses.somu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER
RO ISSUED FOR APPROVAL

Rev. Description

PROJECT TITLE:

PHASE-2 PODIUM

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.
BLOCK 06-A6-05

DRAWING TITLE:

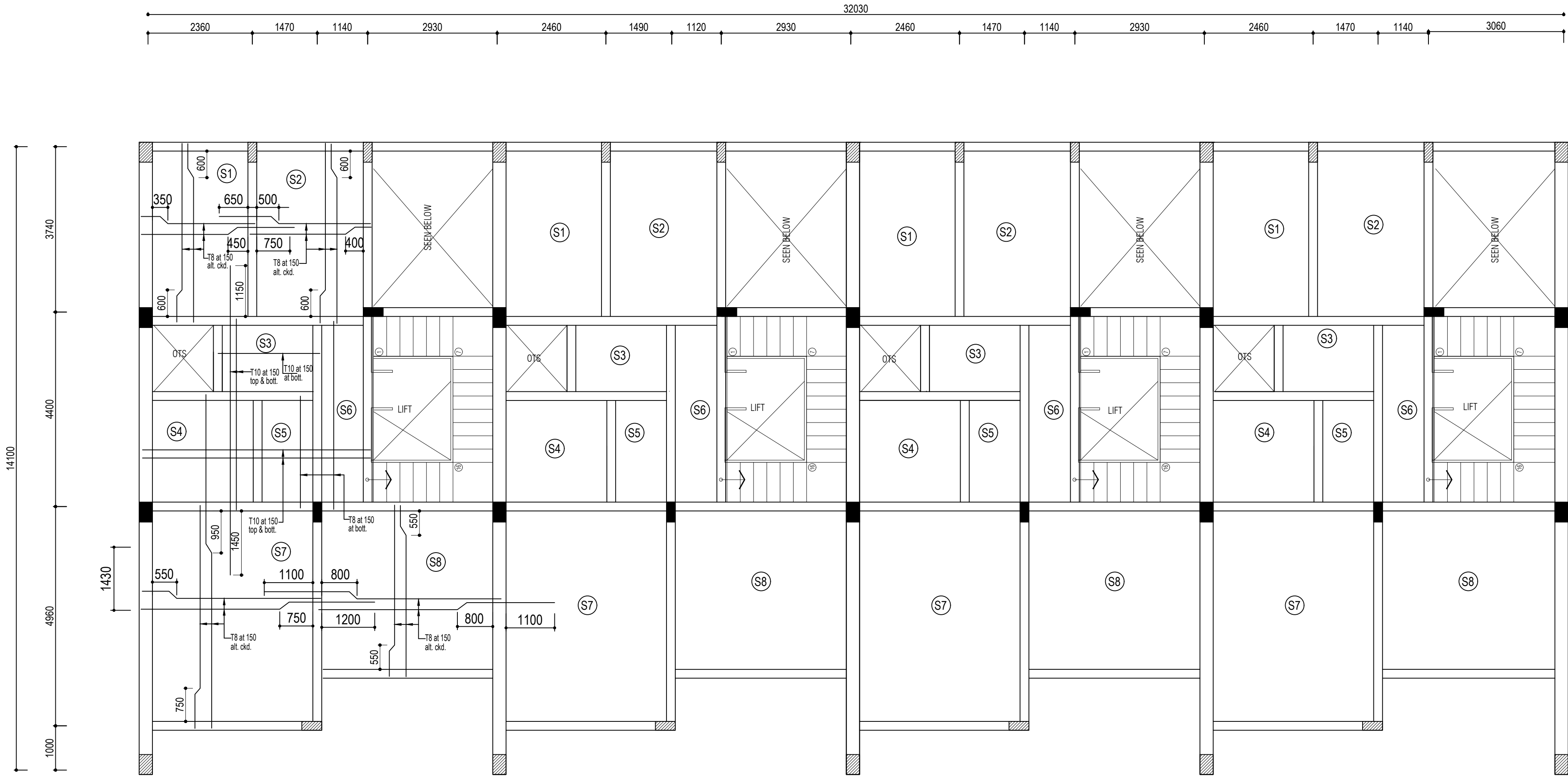
TERRACE FLOOR BEAM LAYOUT

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

DRAWING NO: GC/GT/24223/SD/TEL/04
REVISION: RO

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OWNER'S SIGNATURE



TERRACE FLOOR SLAB DETAILS
(SCALE 1:50)

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Nithya T
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Registered Architect
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Phone : 98849 14921
E-mail : nithya.leo@gmail.com

SIGNATURE OF ARCHITECT

Er.S.Moses Aranganathan
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: moses.somnu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

RO ISSUE FOR APPROVAL

Rev. Description

PROJECT TITLE:

PHASE-2 PODIUM

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.
BLOCK 06-A6-05**

DRAWING TITLE:

TERRACE FLOOR SLAB DETAILS

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

DRAWING NO: GC/GT/24223/SD/TESD/05
REVISION: R0

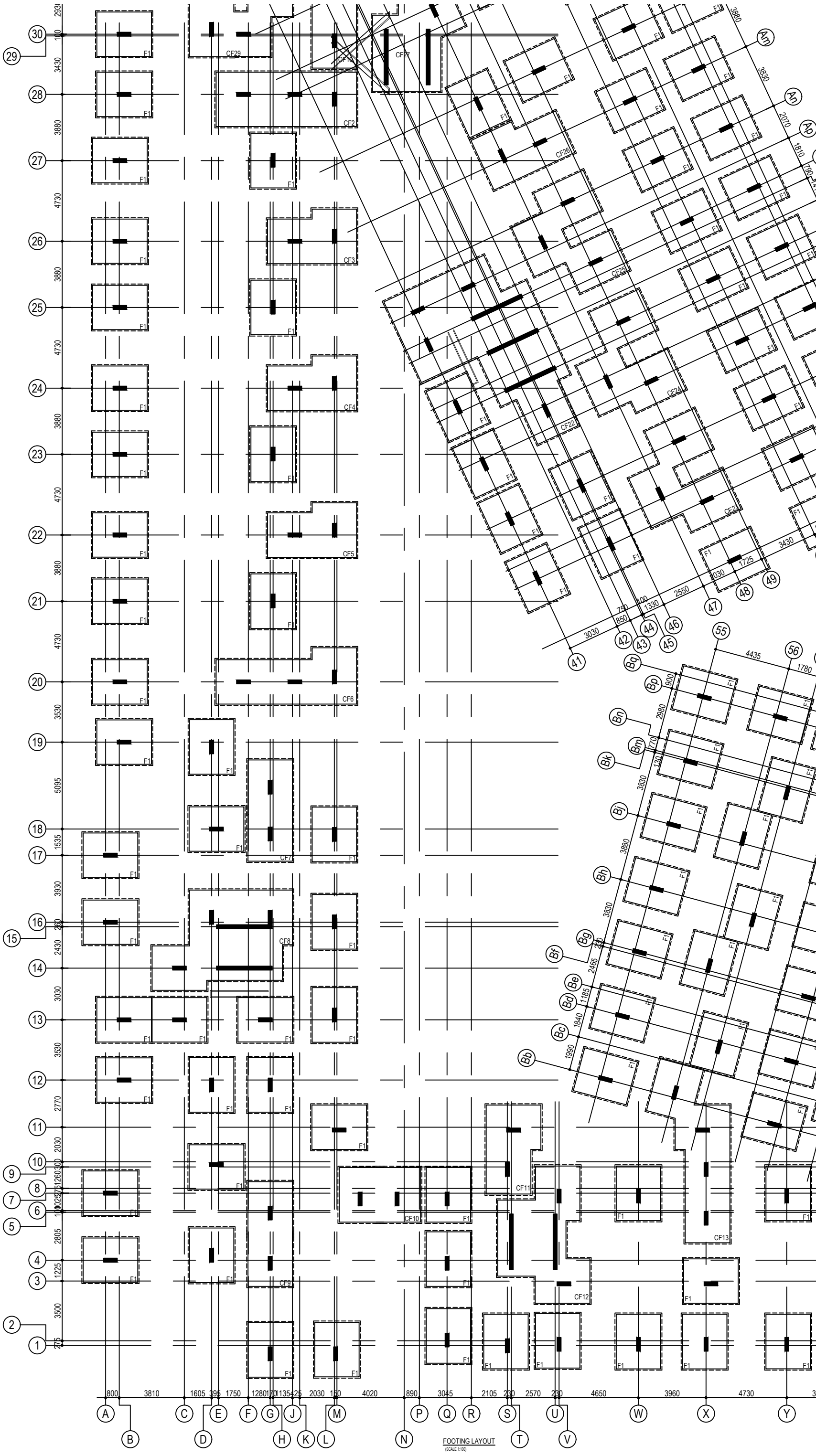
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ORIGINAL SIZE OF THIS DRAWING IS A1

For GT BHARATHI URBAN DEVELOPERS PVT LTD

AUTHORISED SIGNATORY

OWNER'S SIGNATURE



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RO	ISSUE FOR APPROVAL
Rev.	Description
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:



email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING AT VEDANEMELLI, ECR. TOWER BLOCK

DRAWING TITLE:

FOOTING LAYOUT

DRAWN: SIVAKUMAR P	DESIGNED: GG	APPROVED: GG	STAGE: 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



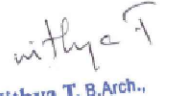
AUTHORISED SIGNATORY

OWNER'S SIGNATURE



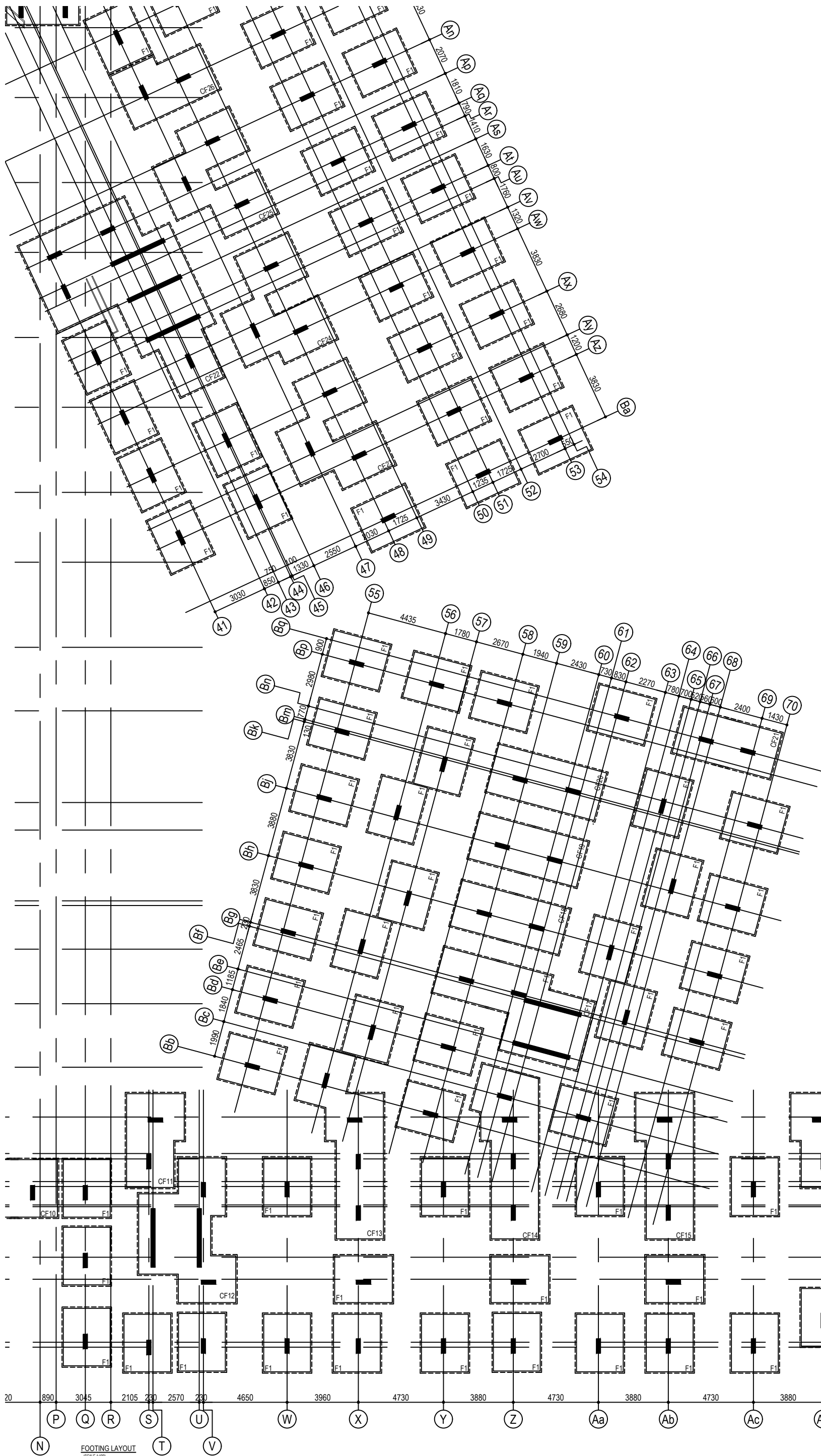
E.S. MOSES ARANGANATHAN
B.E., M.E.(Struct.) FIE, FIA(Struct.), FIV.,
DTCP Registered Structural Engineer-Grade-I (RSE)
DTCP Reg.No. TVLR/RSE/Gr-I/2024/07/006
Madhavayal, Chennai - 600095
Email id: moseszsomu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER



Nithya T. B. Arch.,
Registered Architect
Council of Architecture
CA/2018 / 81485 Valid Till: 31 / 12 / 2029
G-3, Block - 3, Shivanji Apartments, 40, East Coast Road,
Thiruvannamur, Chennai - 600 041, Tamilnadu.
Phone : 98443 14921
E-mail : nithyatleo@gmail.com

SIGNATURE OF ARCHITECT



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b) BEAM: 30MM. d) SLAB: 25MM.
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 12. DE-SHUTTERING PERIOD AS PER IS 456
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 14. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.

ISSUE FOR APPROVAL
Description

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:



email: gconchennai@gmail.com

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

DRAWING TITLE:
FOOTING LAYOUT

DRAWN: SAHARSHAN P	DESIGNED: GG	APPROVED: GG	STAGE: APPROVAL
SCALE:	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	
DRAWING NO: GC/GT/24222/SD/FL/02			REVISION: RO

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ORIGINAL SIZE OF THIS DRAWING IS A1

For GT BHARATHI URBAN DEVELOPERS PVT LTD



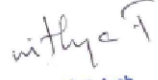
AUTHORISED SIGNATORY

OWNERS SIGNATURE



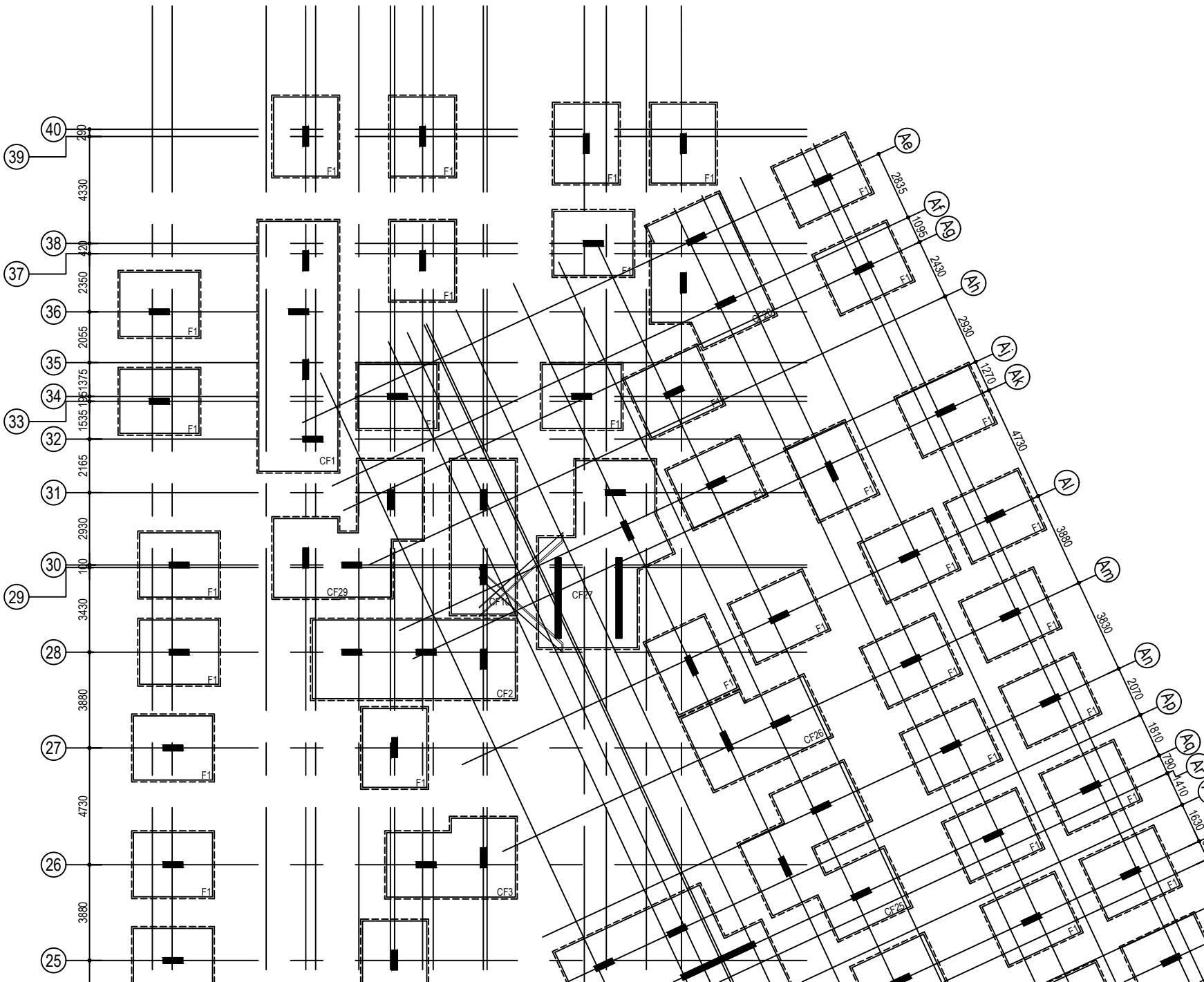
Er.S.MOSES ARANGANATHAN
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DTCP Reg.No. TVLR/RSE/Gr-I/2024/07/006
Madhavayal, Chennai - 600095
Email id: mosesomou@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER



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Registered Architect
Council of Architecture
CA/2018 / 91485 Valid Till: 31 / 12 / 2029
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E-mail : nithyat.leo@gmail.com

SIGNATURE OF ARCHITECT



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 - a) FOUNDATION: 50MM.
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 13. ALL SORTS OF PRECAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION.
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RO **ISSUE FOR APPROVAL**

Rev. **Description**

PROJECT TITLE:

PHASE-3 TOWER BLOCK

CLIENT:



GT BHARATHI URBAN DEVELOPERS PVT. LTD.
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Dr. Alagappa Road, Purasawalkam, Chennai - 600084

CONSULTANT:



email: gconchennai@gmail.com

PROJECT TITLE:

**PROPOSED RESIDENTIAL BUILDING
AT VEDANEMEL, ECR. TOWER BLOCK**

DRAWING TITLE:

FOOTING LAYOUT

DRAWN: SUBRAMANIAM	DESIGNED: GG	APPROVED: GG	STAGE: 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

E.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: moses.somu@gmail.com

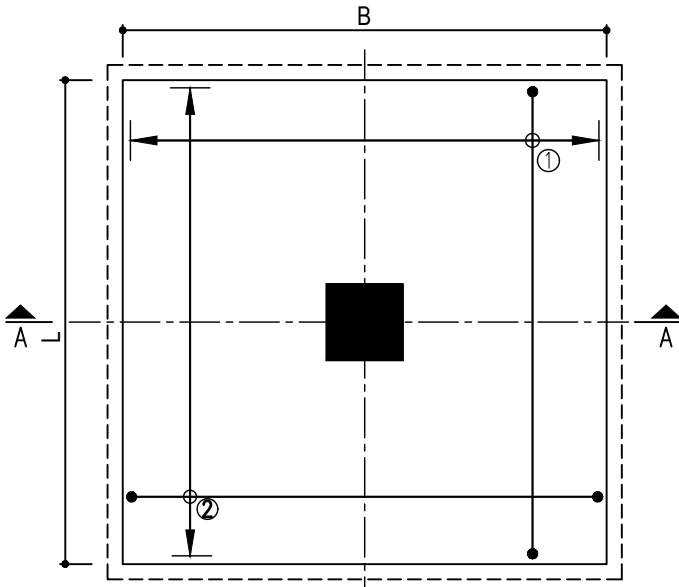
SIGNATURE OF STRUCTURAL ENGINEER

Nithya T, B.Arch.,
Registered Architect
Council of Architecture
CA/2018/81485 Valid Till: 31/12/2029
G-3, Block - 3, Shivan Apartments, 40, East Coast Road,
Thiruvanimiyur, Chennai - 603 041, Tamilnadu.
Phone : 98443 14921
E-mail : nithyat.tee@gmail.com

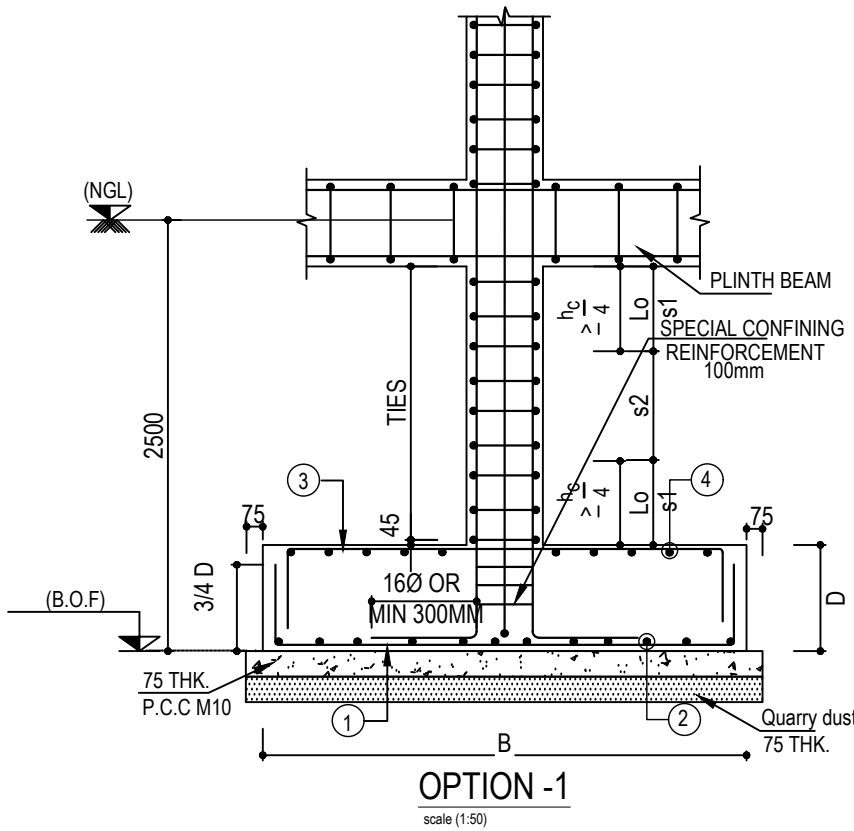
SIGNATURE OF ARCHITECT

FOOTING SCHEDULE (M25:Fe550)

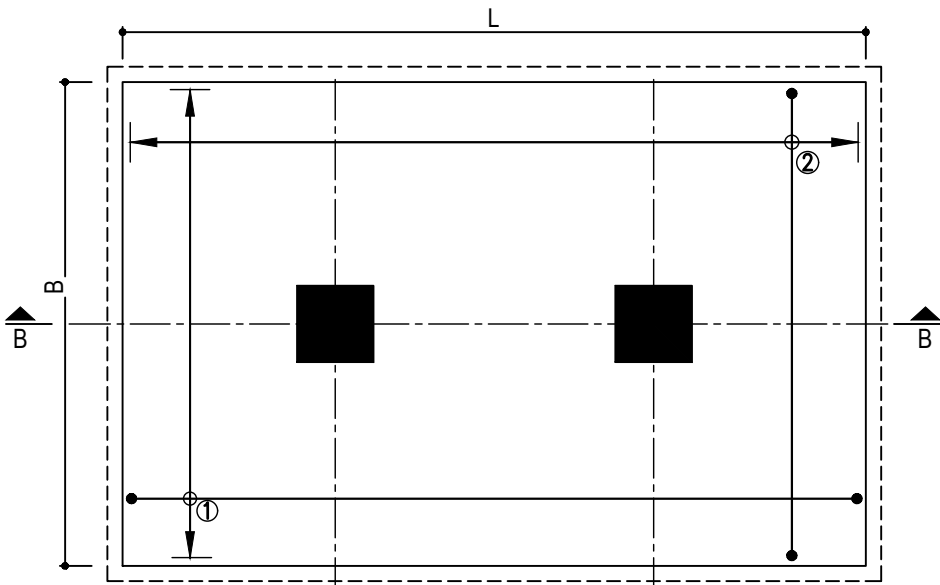
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		L	B	D	BOTTOM		TOP	
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F1	Pad	3200	2600	775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF1	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF2	Pad	SEE DRAWING		775	T12@125 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
CF5	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF6	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF7	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
CF8	Pad	SEE DRAWING		775	T12@125 C/C	T12@125 C/C	T10@175 C/C	T10@175 C/C
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
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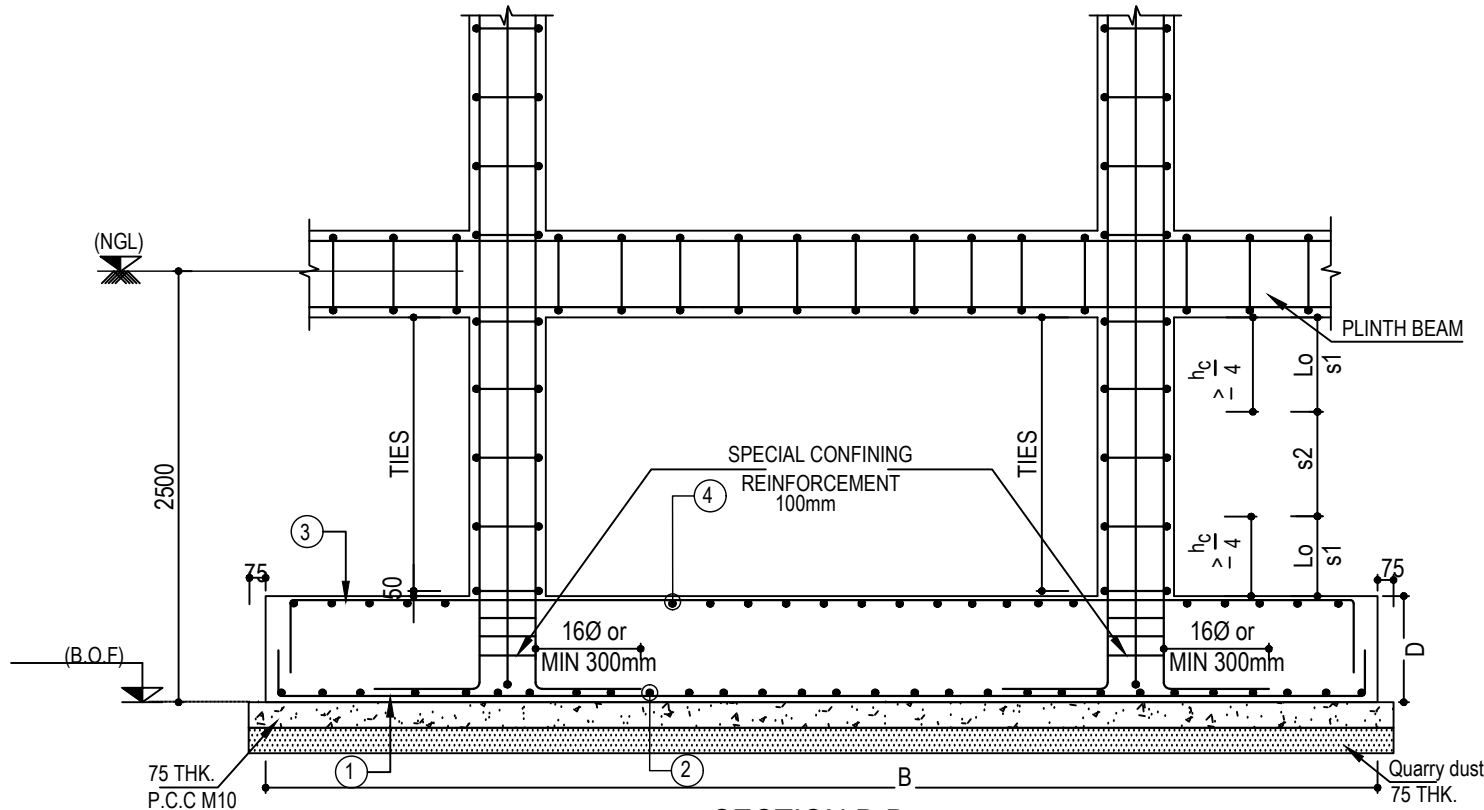
TYP. DETAIL OF ISOLATED FOOTING
scale (1:50)



OPTION -1
scale (1:50)



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



SECTION B-B
scale (1:50)

NOTES:

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b) BEAM: 30MM. d) SLAB: 25MM.
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- LAPPING SHALL BE 50 TIMES DIA. OF THE BAR
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- ALL SORTS OF PRECAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION.
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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.,
DTCR Registered Structural Engineer-Grade-I (RSE)
DTCR Reg.No. TVLR/RSE/Gr-I/2024/07/006
Madhavayal, Chennai - 600095
Email id: mosesomur@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

RO ISSUE FOR APPROVAL

Rev. Description

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:



email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING
AT VEDANEMELI, ECR. TOWER BLOCK

DRAWING TITLE:

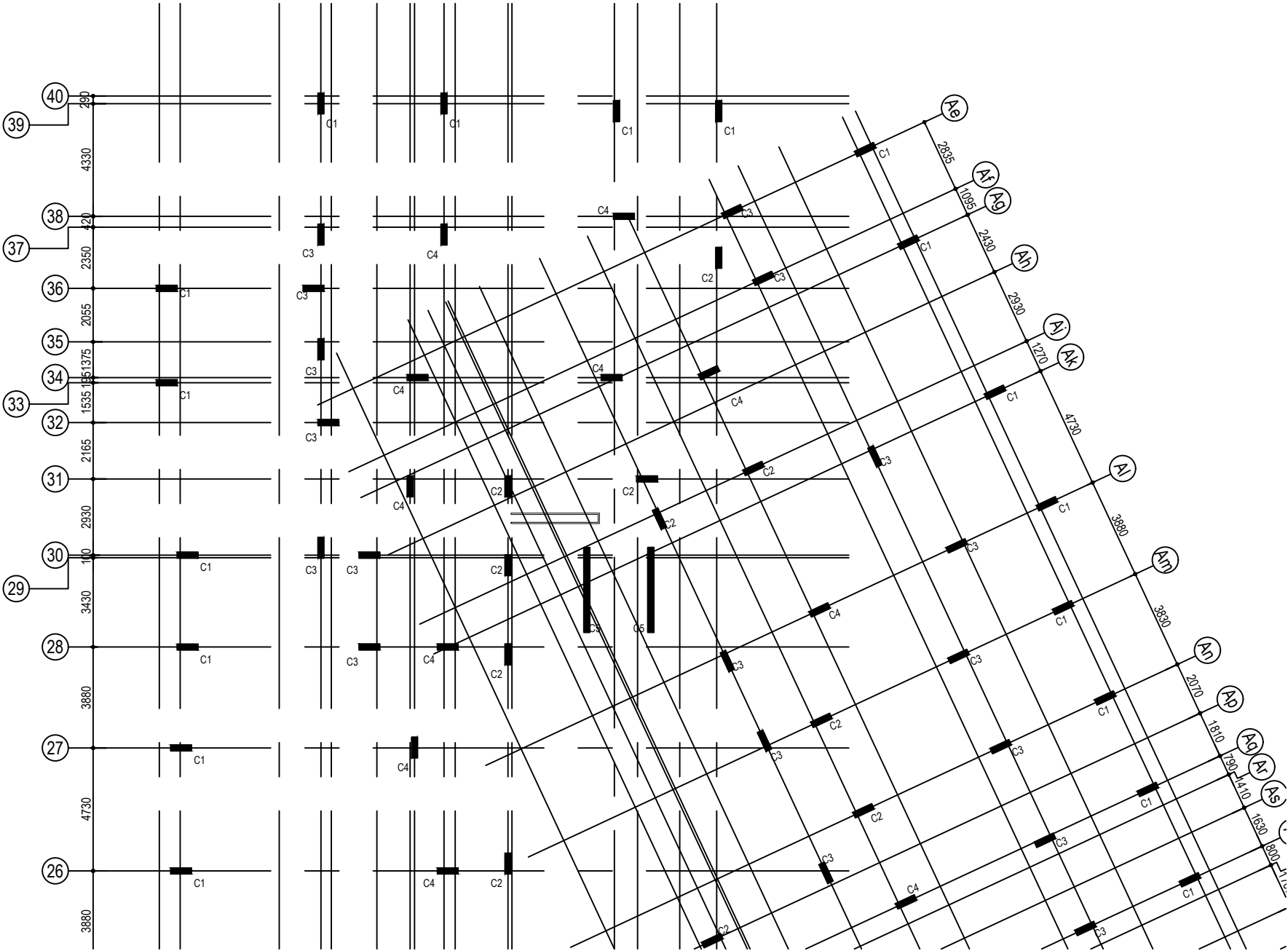
FOOTING TYPICAL DETAILS.,

DRAWN: SATHURUKANP	DESIGNED: GG	APPROVED: GG	STAGE:
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	APPROVAL
DRAWING NO: GC/GT/24222/SD/FTYD/04			REVISION: RO

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SIGNATURE OF ARCHITECT



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[Signature]

AUTHORISED SIGNATORY

OWNER'S SIGNATURE

Nithya T

Nithya T. B. Arch.,
Registered Architect
Council of Architecture
CA/2018 / 91495 Valid Till : 31 / 12 / 2029
G-3, Block - 3, Shivan Apartment, 40, East Coast Road,
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Phone : 98943 14921
E-mail : nithyat.leo@gmail.com

SIGNATURE OF ARCHITECT

[Signature]

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

SIGNATURE OF STRUCTURAL ENGINEER

RO ISSUE FOR APPROVAL

Rev. Description

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

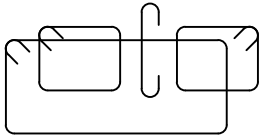
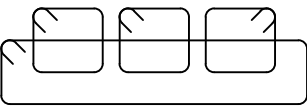
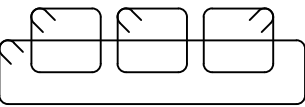
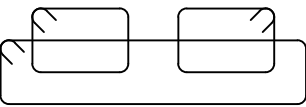
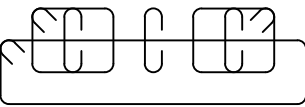
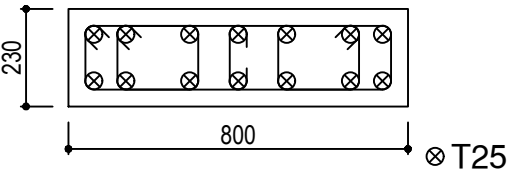
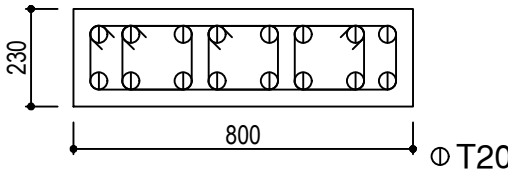
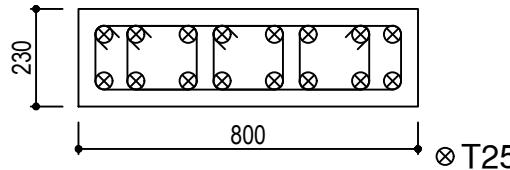
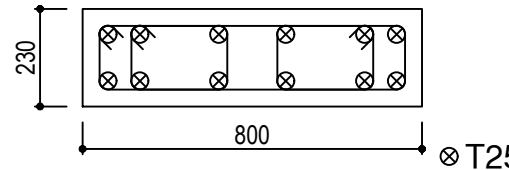
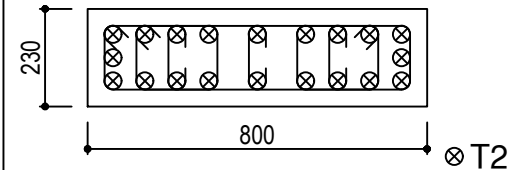
DRAWN: SIVAKRISHNAN	DESIGNED: GG	APPROVED: GG	STAGE: APPROVAL
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	

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

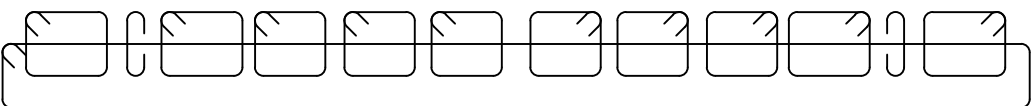
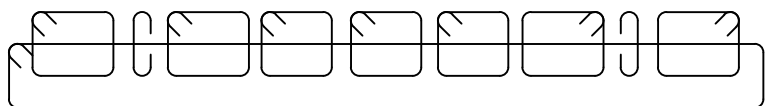
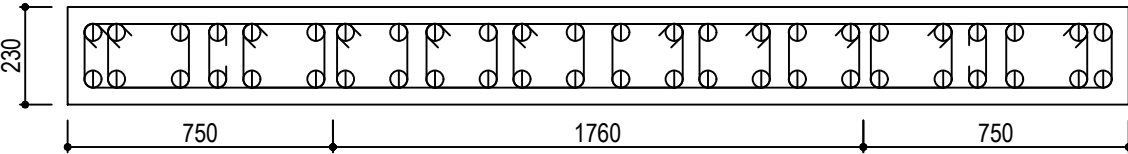
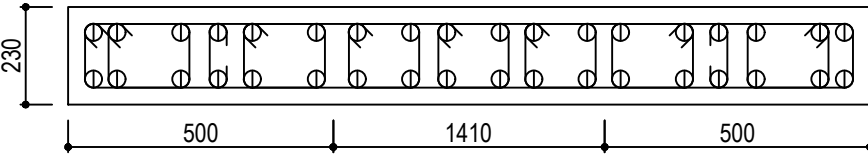
REVISION:
RO

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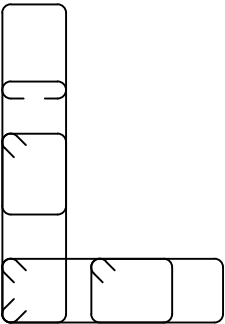
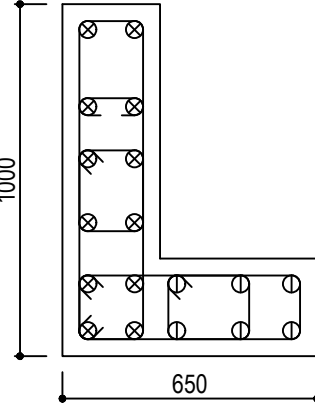
ORIGINAL SIZE OF THIS DRAWING IS A1

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
	 ⊗ T25	 ⊙ T20	 ⊗ T25	 ⊗ T25	 ⊗ 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
	 750 1760 750	 500 1410 500
	12-T20 + 24-T20+12T20	12-T20 + 12-T20+12T20
COLUMN MARKED	C7	C8

SHEAR LINK:s1/s2/s1

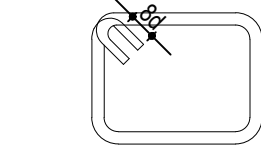
BASE TO TERRACE FLOOR ROOF	M30 : Fe550 , COVER = 40MM 
	LINKS
	T8 @ 100/175/100
	 8-T25 1000 650
	4-T25+6T20
COLUMN MARKED	C5

SHEAR LINK:s1/s2/s1

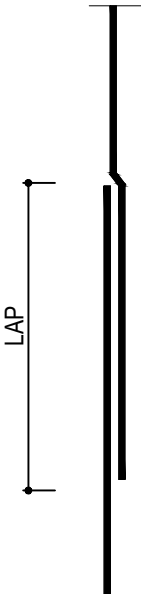
withya T
Nithya T, B.Arch.,
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G-3, Block - 3, Shivan Apartment, 40, East Coast Road,
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Phone : 98843 14921
E-mail : nithya.leo@gmail.com

SIGNATURE OF ARCHITECT

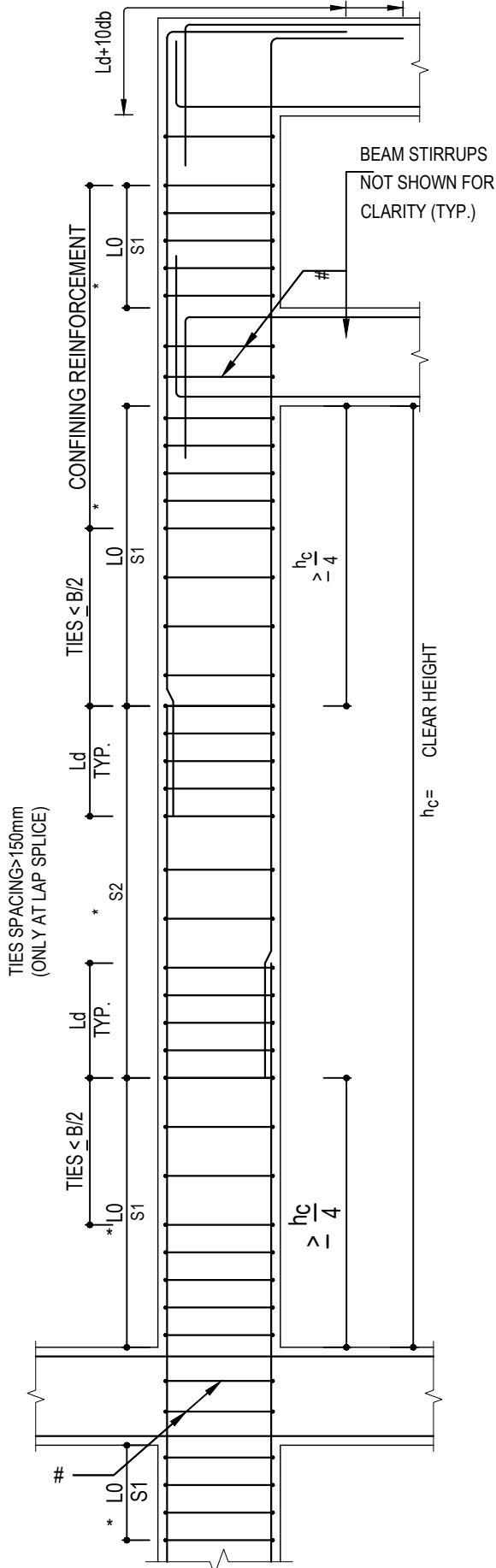
- * Lo HIGHEST AMONG FOLLOWING:
- ‡ LARGER LATERAL DIMENSION OF COLUMN
 - ‡ 1/6 hc
 - 450mm



STIRRUPS IN COLUMN (TYP.)



LAPPING BAR IN COLUMN SIZE
(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.
SPACING OF TIES IN BEAM COLUMN JOINTS SHALL NOT EXCEED 150mm.

NOTES:

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For GT BHARATHI URBAN DEVELOPERS PVT LTD

[Signature]
AUTHORISED SIGNATORY

OWNER'S SIGNATURE

[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: mosesom@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

RO	ISSUE FOR APPROVAL
Rev.	Description

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

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PROPOSED RESIDENTIAL BUILDING
AT VEDANEMELI, ECR. TOWER BLOCK

DRAWING TITLE:

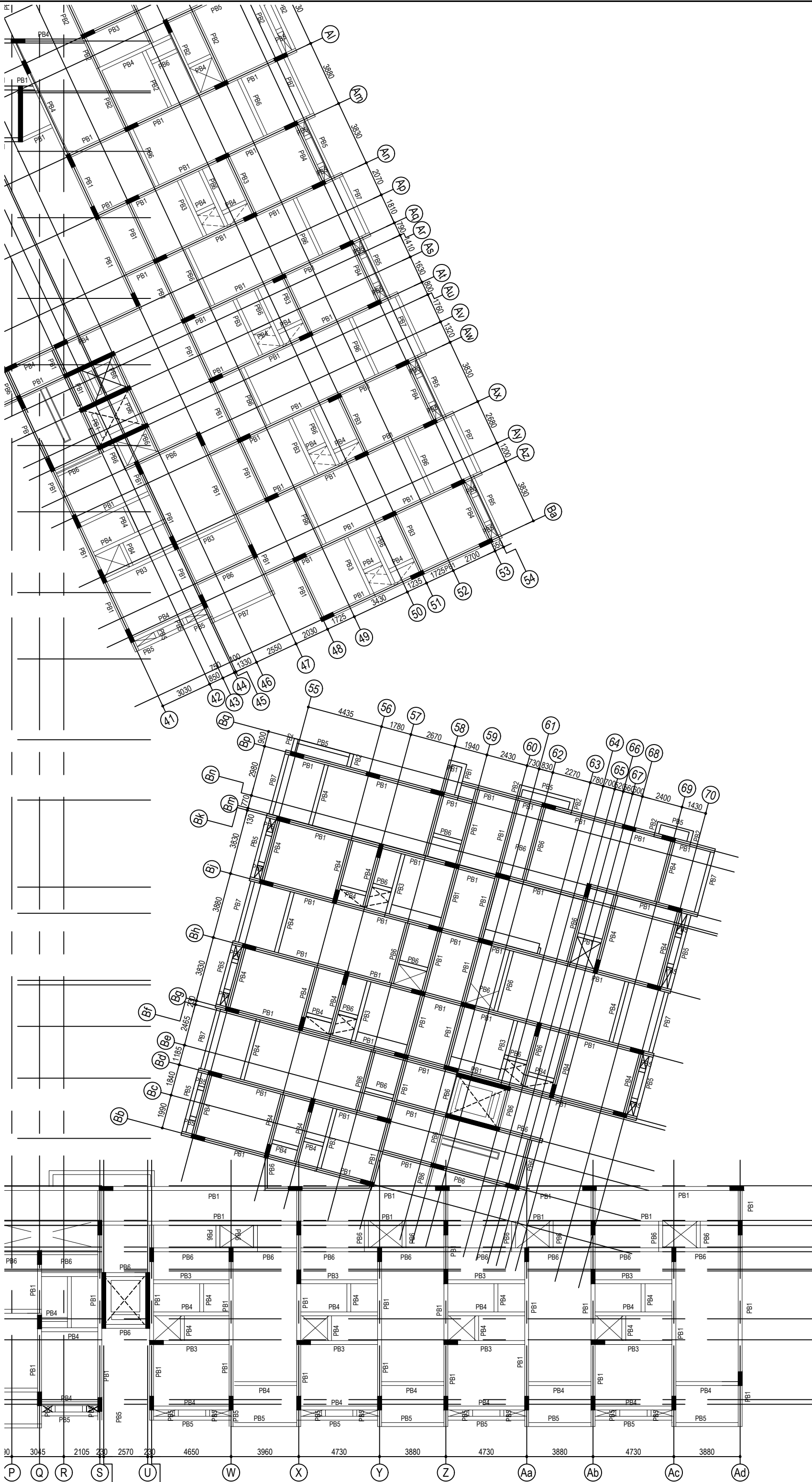
COLUMN REINF., DETAILS., &
COLUMN TYPICAL DETAILS.,

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

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

OWNERS SIGNATURE

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Registered Architect
Council of Architecture
CA/2018/191455 Valid Till: 31/12/2029
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Phone : 98443 14921
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Email id: mosesasomu@gmail.com

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CONSULTANT:



email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING
AT VEDANEMELI, ECR. TOWER BLOCK

DRAWING TITLE:

PLINTH BEAM LAYOUT

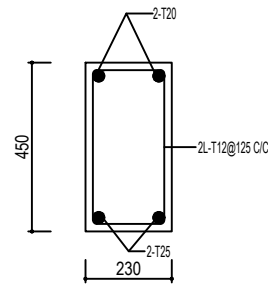
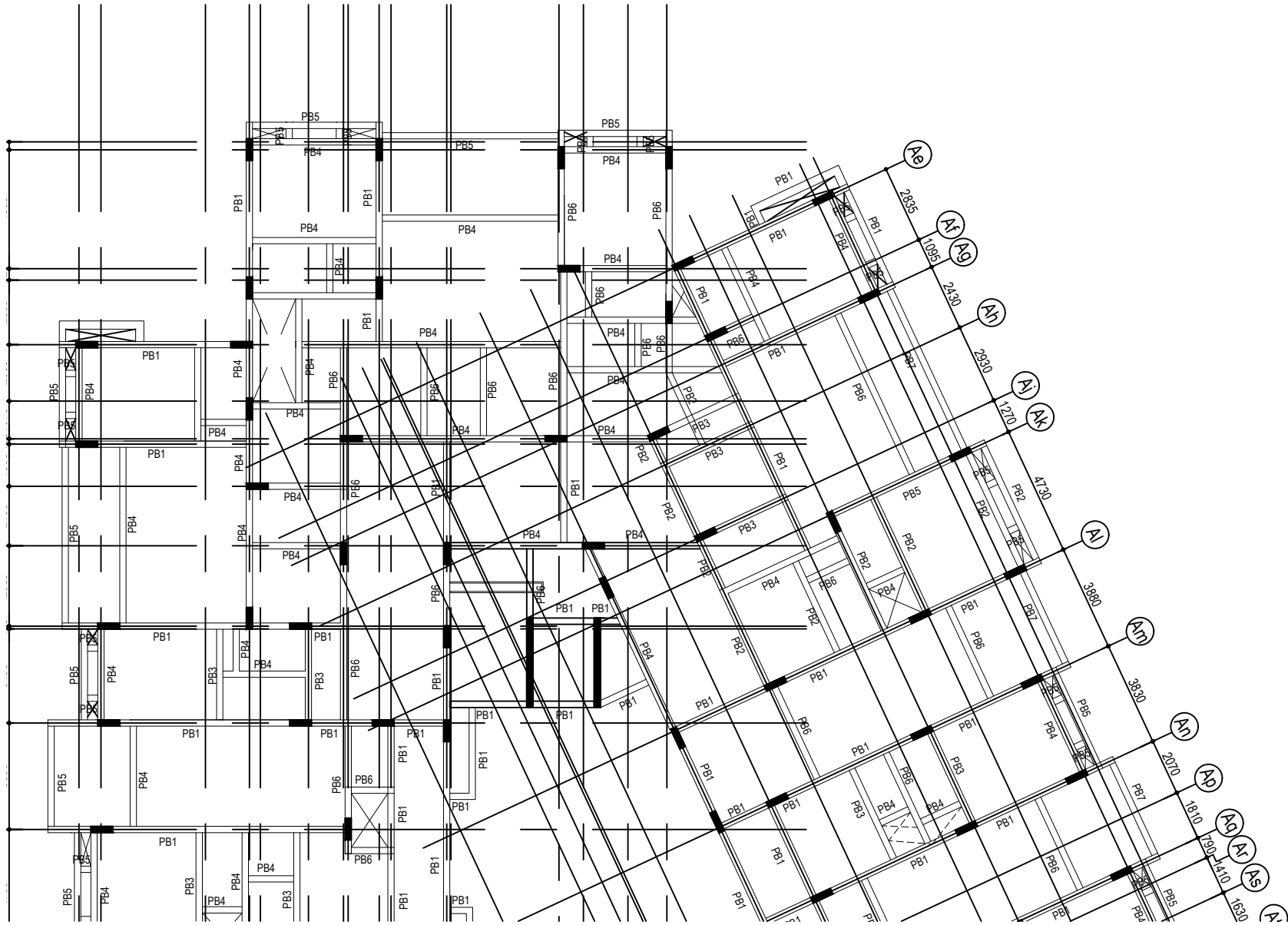
DRAWN: SATHURANGAMP
DESIGNED: GG
APPROVED: GG
STAGE: APPROVAL
SCALE: 1:50
DATE: 15-10-2024
E-MAIL: gconchennai@gmail.com

DRAWING NO: GC/GT/24222/SD/PBL/10

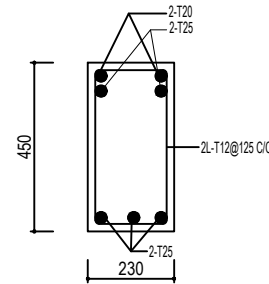
REVISION: RO

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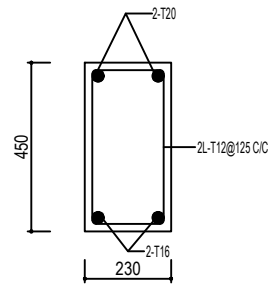
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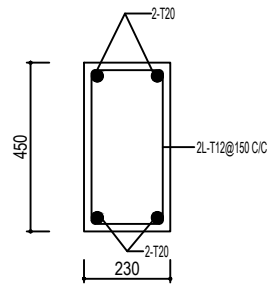
C.S OF BEAM -PB1 (AT MID)
(SCALE 1:10)



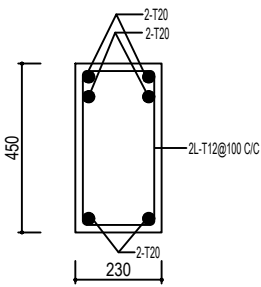
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(SCALE 1:10)



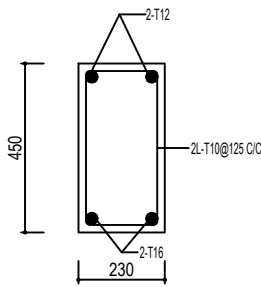
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(SCALE 1:10)



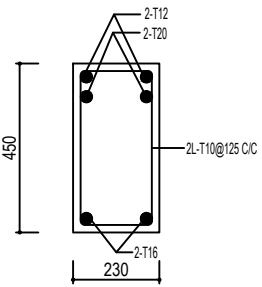
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(SCALE 1:10)



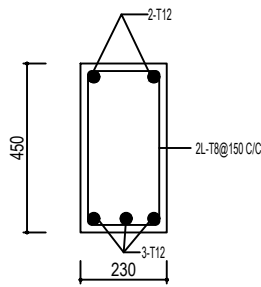
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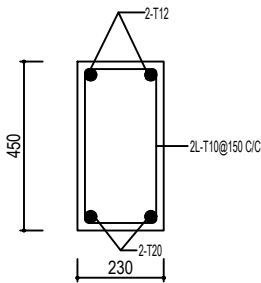
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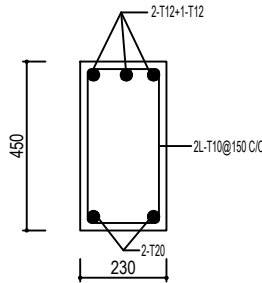
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(SCALE 1:10)



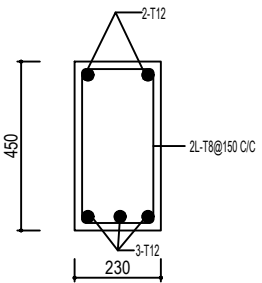
C.S OF BEAM -PB5 (AT MID)
(SCALE 1:10)



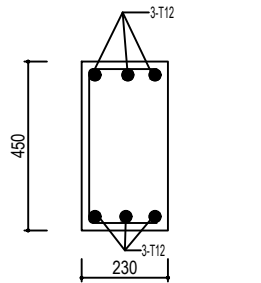
C.S OF BEAM -PB6 (AT MID)
(SCALE 1:10)



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)

NOTES:

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For GT BHARATHI URBAN DEVELOPERS PVT LTD

AUTHORISED SIGNATORY

OWNER'S SIGNATURE

Nithya T. B.Arch.,
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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
Madhavayal, Chennai - 600095
Email id: mosacsomu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

RO ISSUE FOR APPROVAL

Rev. Description

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:



email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING
AT VEDANEMELI, ECR. TOWER BLOCK

DRAWING TITLE:

PLINTH BEAM LAYOUT

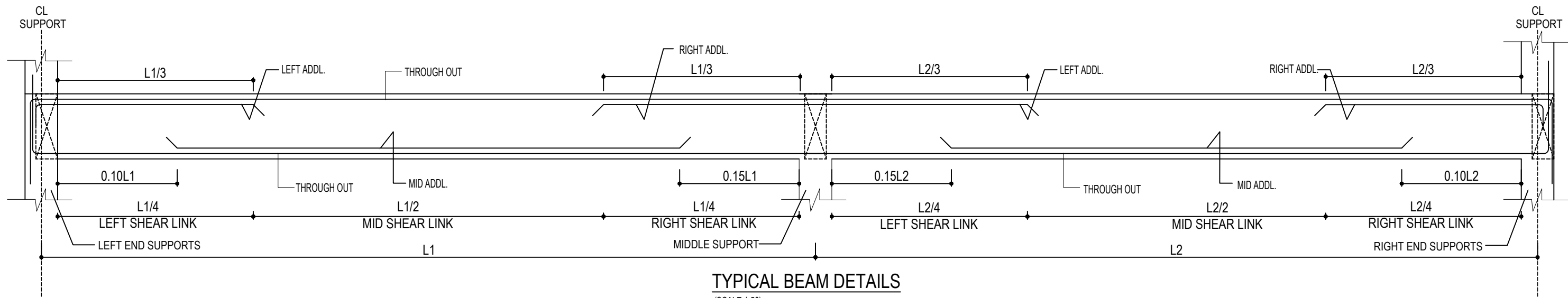
DRAWN: SATHURUNJANP	DESIGNED: GG	APPROVED: GG	STAGE: APPROVAL
SCALE: 1:50	DATE: 15-10-2024	E-MAIL: gconchennai@gmail.com	

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

REVISION:
RO

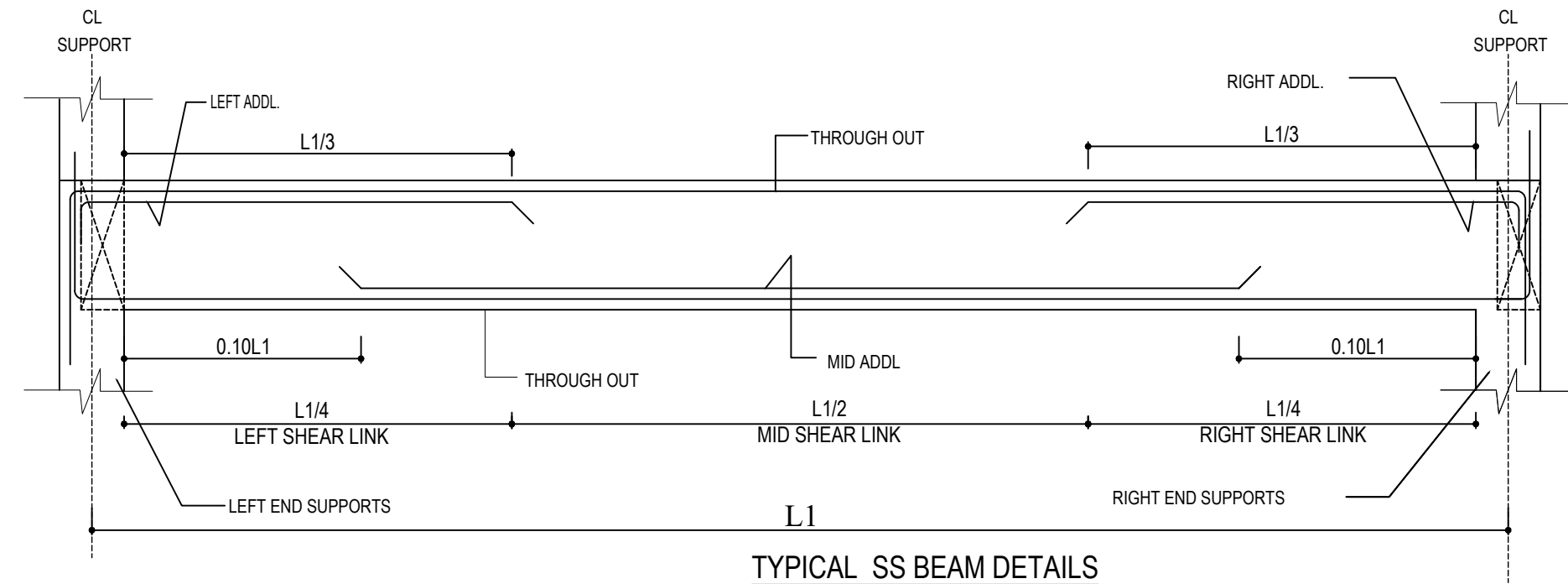
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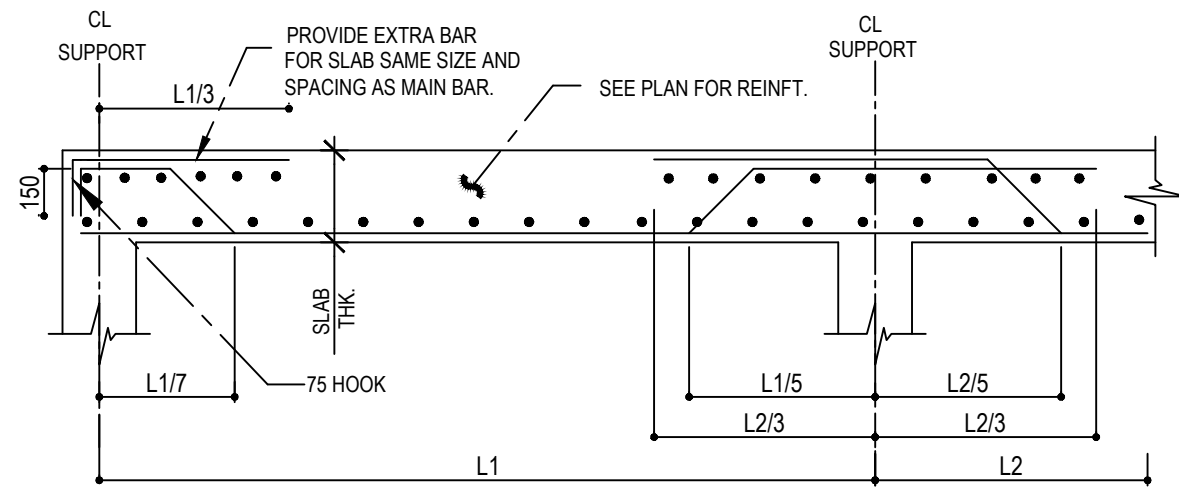
TYPICAL BEAM DETAILS

(SCALE 1:50)



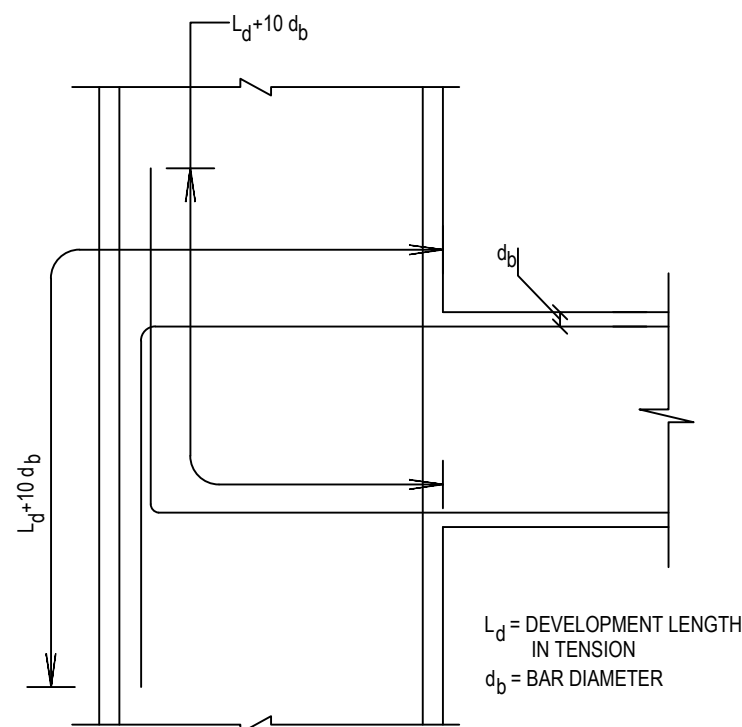
TYPICAL SS BEAM DETAILS

(SCALE 1:50)



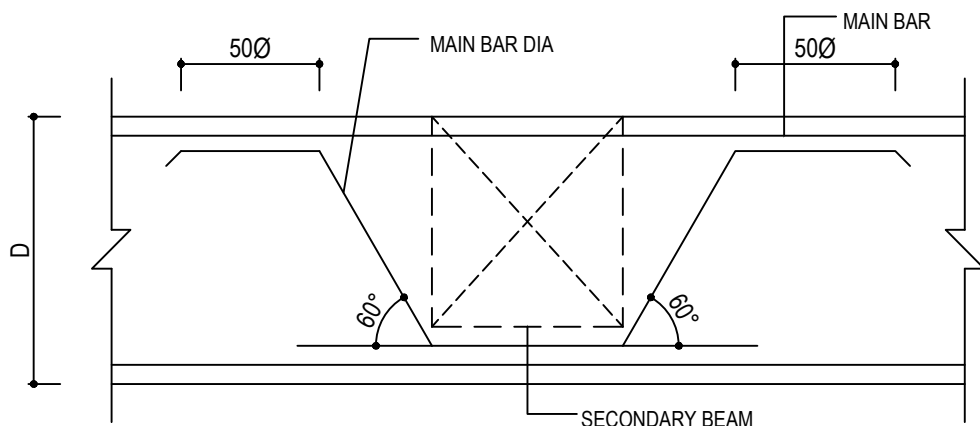
TYPICAL SLAB DETAIL

(Scale 1:50)



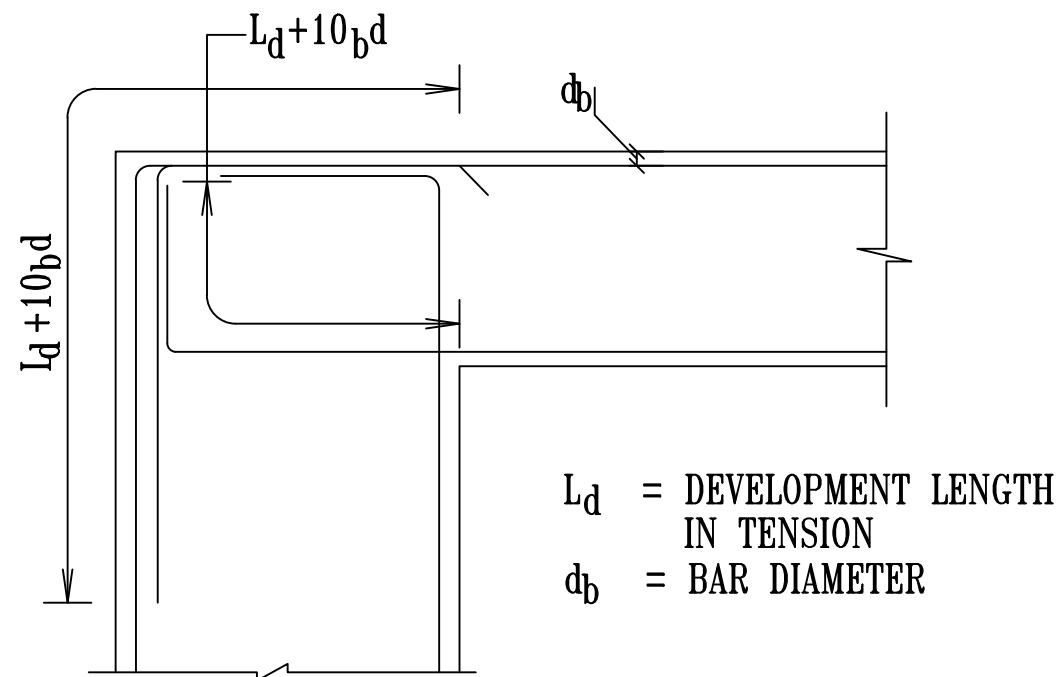
TYPICAL DETAILS FOR ANCHORAGE OF BEAM BARS

(Scale 1:50)



CRANK BAR DETAIL FOR BEAM

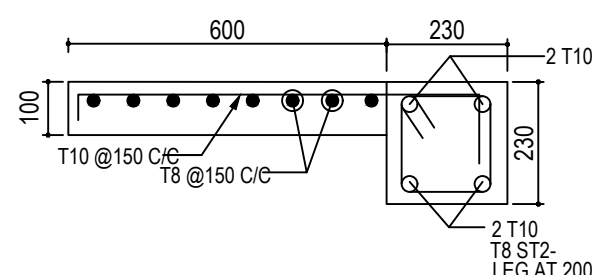
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TYPICAL DETAILS FOR ANCHORAGE OF BEAM BARS

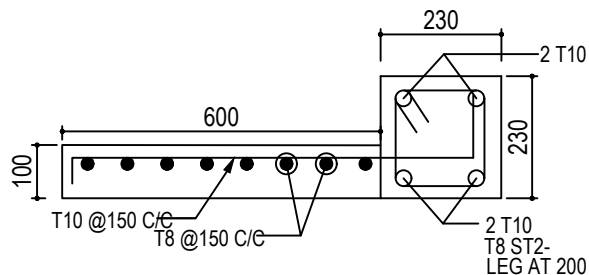
(SCALE 1:50)

L_d = DEVELOPMENT LENGTH
IN TENSION
 d_b = BAR DIAMETER



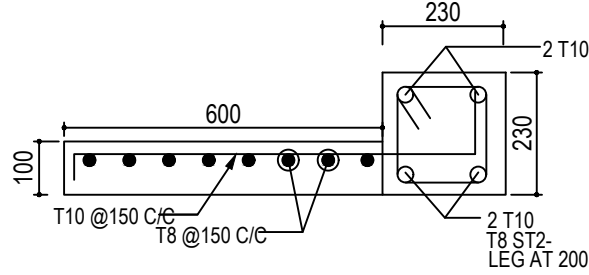
TYPICAL LINTEL CUM SUNSHADE DETAIL

(SCALE 1:10)



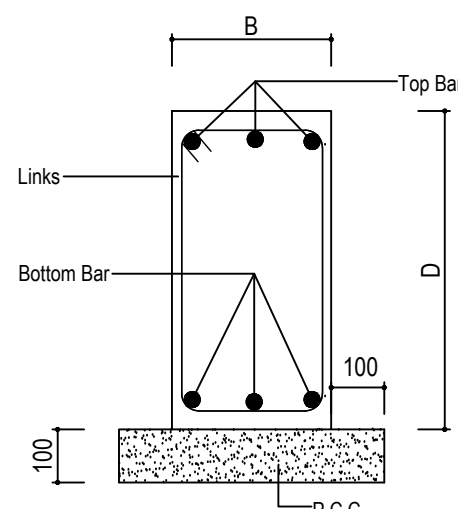
TYPICAL LINTEL CUM SUNSHADE DETAIL

(SCALE 1:10)



TYPICAL LINTEL CUM LOFT DETAIL

(SCALE 1:10)



TYPICAL PLINTH BEAM DETAILS

(SCALE 1:10)

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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)
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Madhavayal, Chennai - 600095
Email Id: moses.somnu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

Rev. Description

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:

PLINTH BEAM TYPICAL DETAILS.

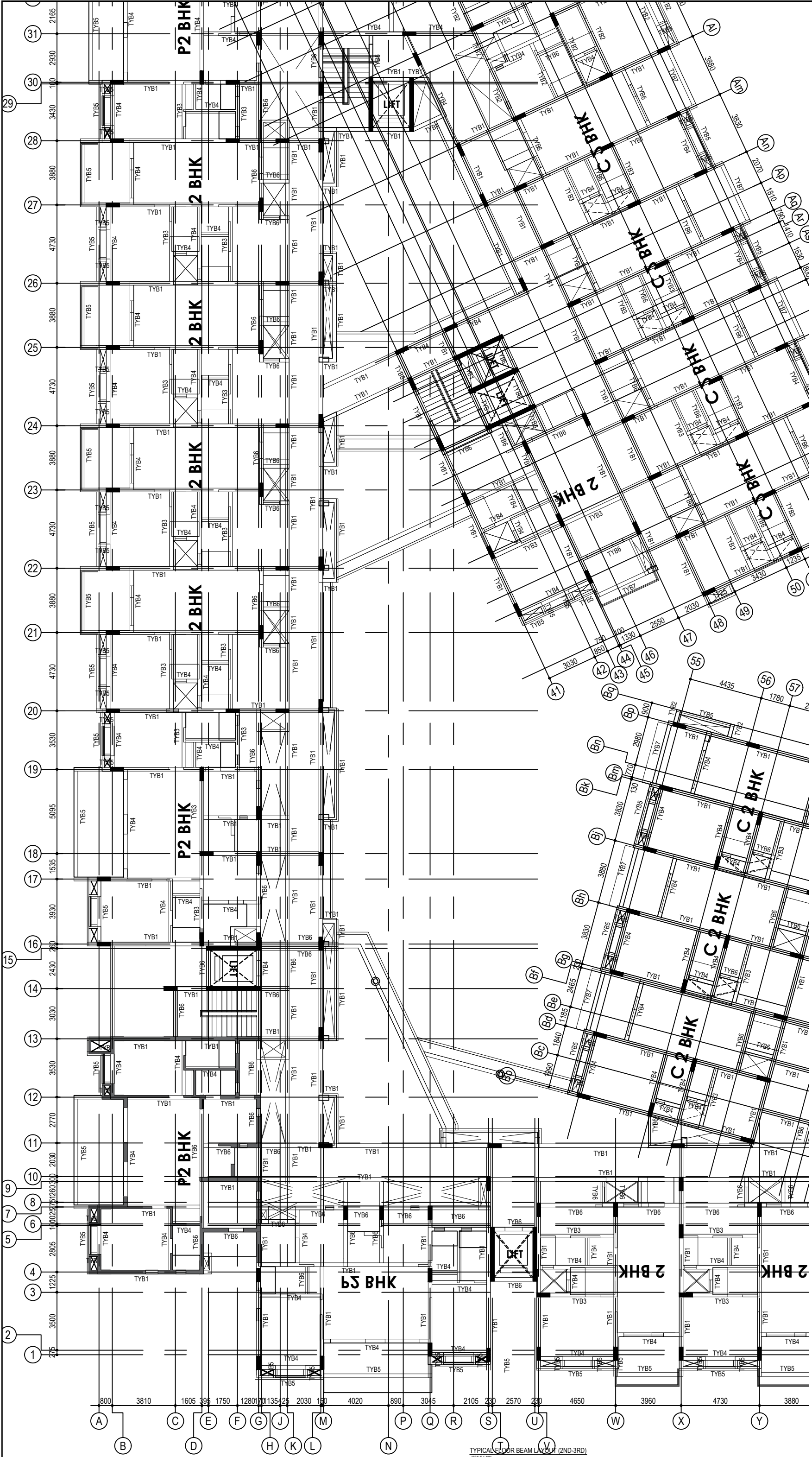
DRAWN: SATHURUKANP
DESIGNED: GG
APPROVED: GG
STAGE: APPROVAL
SCALE: 1:50
DATE: 15-10-2024
E-MAIL: gconchennai@gmail.com

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

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Nithya T, B.Arch.,
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Thiruvanniyur, Chennai - 600 041, Tamil Nadu.
Phone : 98449 14921
E-mail : nithya.leo@gmail.com



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For GT BHARATHI URBAN DEVELOPERS PVT LTD

[Signature]

AUTHORISED SIGNATORY

OWNER'S SIGNATURE

withya T

Nithya T. B. Arch.,
Registered Architect
Council of Architecture
CA/2018 / 91485 Valid Till : 31 / 12 / 2029
G-3, Block - 3, Srikrishna Apartment, 46, East Coast Road,
Thiruvanniyur, Chennai - 600 041, Tamilnadu.
Phone : 98493 14921
E-mail : nithyat.tee@gmail.com

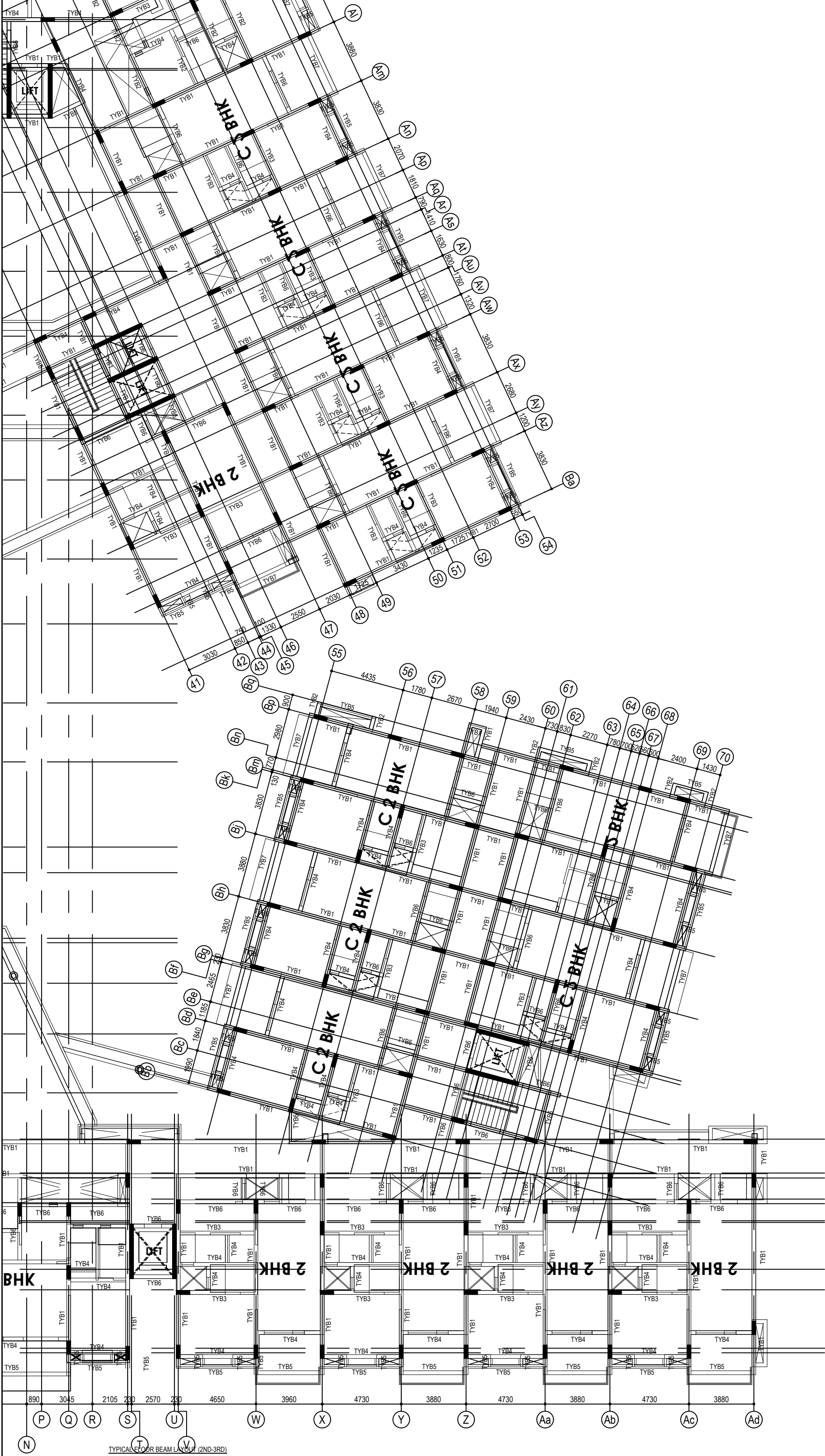
SIGNATURE OF ARCHITECT

[Signature]

Er.S.MOSES ARANGANATHAN
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DTCP Reg.No. TVLR/RSE/Gr-I/2024/07/006
Madhavayal, Chennai - 600095
Email Id: mosesarom@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

RO	ISSUE FOR APPROVAL
Rev.	Description
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:	
 email: gconchennai@gmail.com	
PROJECT TITLE:	
PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI, ECR. TOWER BLOCK	
DRAWING TITLE:	
TYPICAL FLOOR BEAM LAYOUT(2ND-3RD)	
DRAWN: SATHURANGAMP SCALE: 1:50	DESIGNED: GG DATE: 15-10-2024
APPROVED: GG E-MAIL: gconchennai@gmail.com	STAGE: APPROVAL
DRAWING NO: GC/GT/24222/SD/TYBL/13	REVISION: RO
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ORIGINAL SIZE OF THIS DRAWING IS A1	



TYPICAL FLOOR BEAM LAYOUT (2ND-3RD)

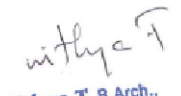
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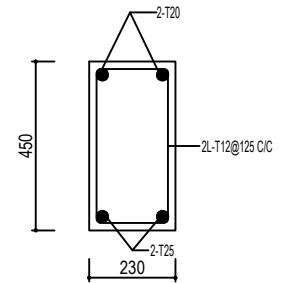
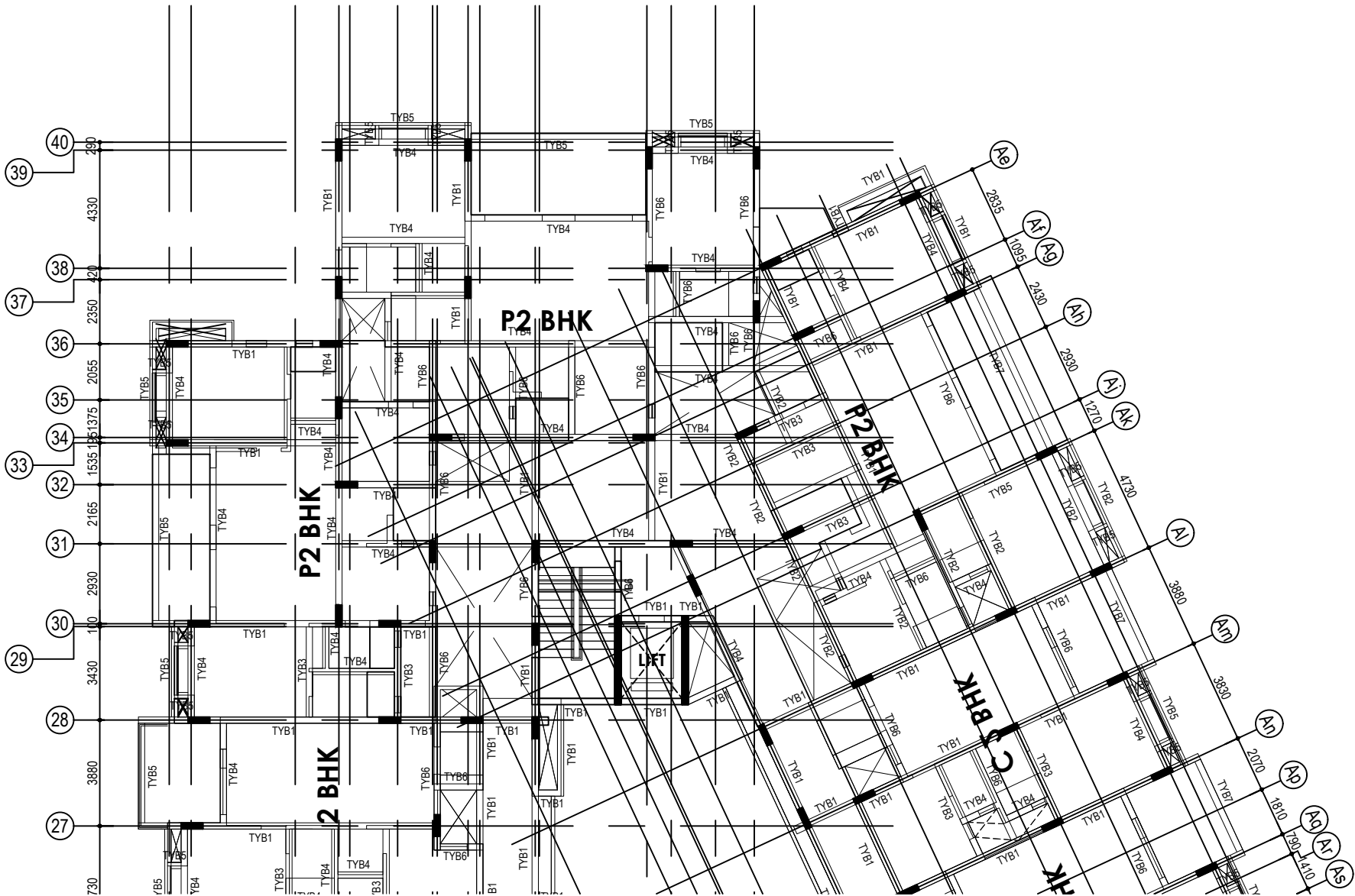

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CA/ 2018 / 91485 Valid Till: 31 / 12 / 2019
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Phone : 98493 14921
E-mail : nithyat.leo@gmail.com

SIGNATURE OF ARCHITECT

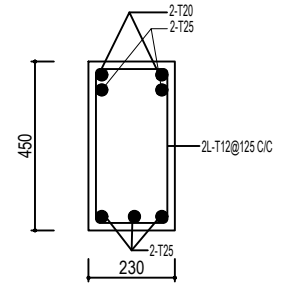

Er. S. MOSES ARANGANATHAN
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DTCF Registered Structural Engineer-Grade-I (R32E)
DTCF Reg.No. TVLR/RSE/Gr-I/2024/07/006
Maduravoyal, Chennai - 600095
Email id: mosesasomu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

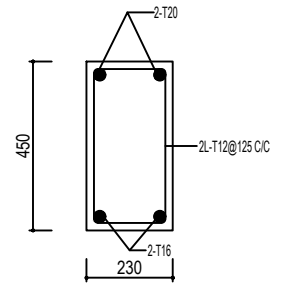
RO	ISSUE FOR APPROVAL		
Rev.	Description		
PROJECT TITLE:			
PHASE-3 TOWER BLOCK			
CLIENT:			
  GT BHARATHI URBAN DEVELOPERS PVT. LTD. OLD No: 31 & 32, New No: 81 & 83, Dr. Alagappa Road, Purasawalkam, Chennai - 600084			
CONSULTANT:			
 GCON ENGINEERS A COMPLETE CIVIL ENGINEERING FIRM email: gconchennai@gmail.com			
PROJECT TITLE:			
PROPOSED RESIDENTIAL BUILDING AT VEDANEMELI, ECR. TOWER BLOCK			
DRAWING TITLE:			
TYPICAL FLOOR BEAM LAYOUT(2ND-3RD)			
DRAWN: SATHURANGAMP SCALE: 1:50	DESIGNED: GG DATE: 15-10-2024	APPROVED: GG E-MAIL: gconchennai@gmail.com	STAGE: APPROVAL
DRAWING NO: GC/GT/24222/SD/FFBL/14			REVISION: RO
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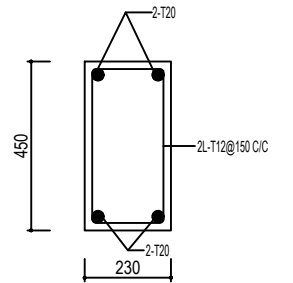
C.S OF BEAM -TYB1(AT MID)
(SCALE 1:10)



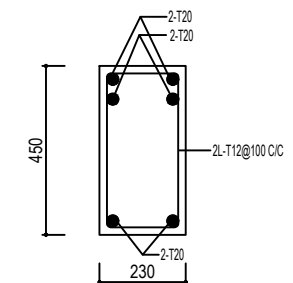
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(SCALE 1:10)



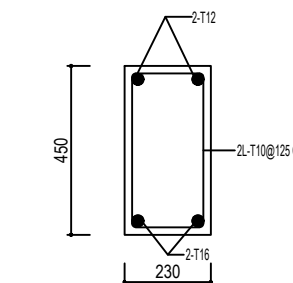
C.S OF BEAM -TYB2
(SCALE 1:10)



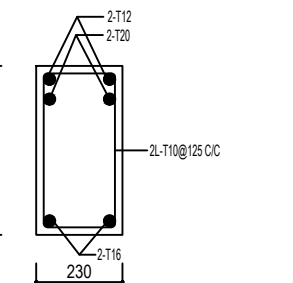
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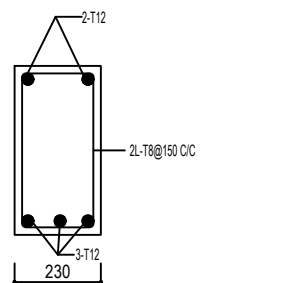
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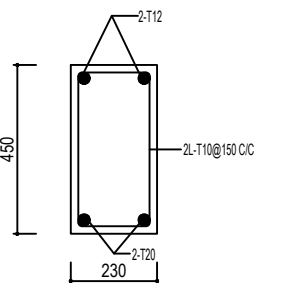
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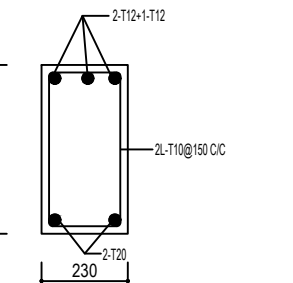
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(SCALE 1:10)



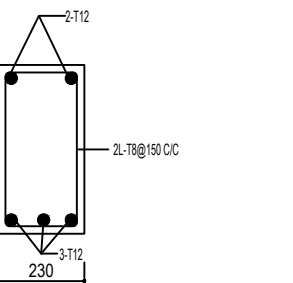
C.S OF BEAM -TYB5(AT MID)
(SCALE 1:10)



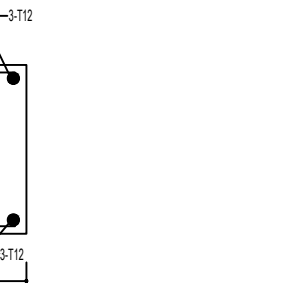
C.S OF BEAM -TYB6(AT MID)
(SCALE 1:10)



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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- USE CONCRETE - M25.
- ALL REINFORCEMENTS SHALL BE OF GRADE Fe550 CONFIRMING IS-1786
- FOOTING DESIGNED FOR G+4 ONLY.
- NO ADMIXTURES SHALL BE ADDED WITHOUT PERMISSION OF CONSULTANT
- CLEAR COVER TO REINFORCEMENT FOR
 - FOUNDATION: 50MM.
 - COLUMN: 40MM.
 - BEAM: 30MM.
 - SLAB: 25MM.
- SBC OF SOIL CONSIDERED AS 21T/SQM AS PER SOIL REPORT
- LAPPING SHALL BE 50 TIMES DIA. OF THE BAR
- STRUCTURAL DETAILED DRAWINGS ARE ISSUED FOR G+4 ONLY.
- DE-SHUTTERING PERIOD AS PER IS 456
- ALL SORTS OF PRECAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION.
- ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.

For GT BHARATHI URBAN DEVELOPERS PVT LTD

OWNER'S SIGNATURE

Nithya T. B. Arch.,
Registered Architect
Council of Architecture
CA/2018 / 91485 Valid Till: 31 / 12 / 2029
G-3, Block - 3, Shreeji Apartments, 46, East Coast Road,
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Phone : 98443 14921
E-mail : nithyat.lee@gmail.com

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Email Id: mosesasomu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

RO ISSUE FOR APPROVAL

Rev. Description

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

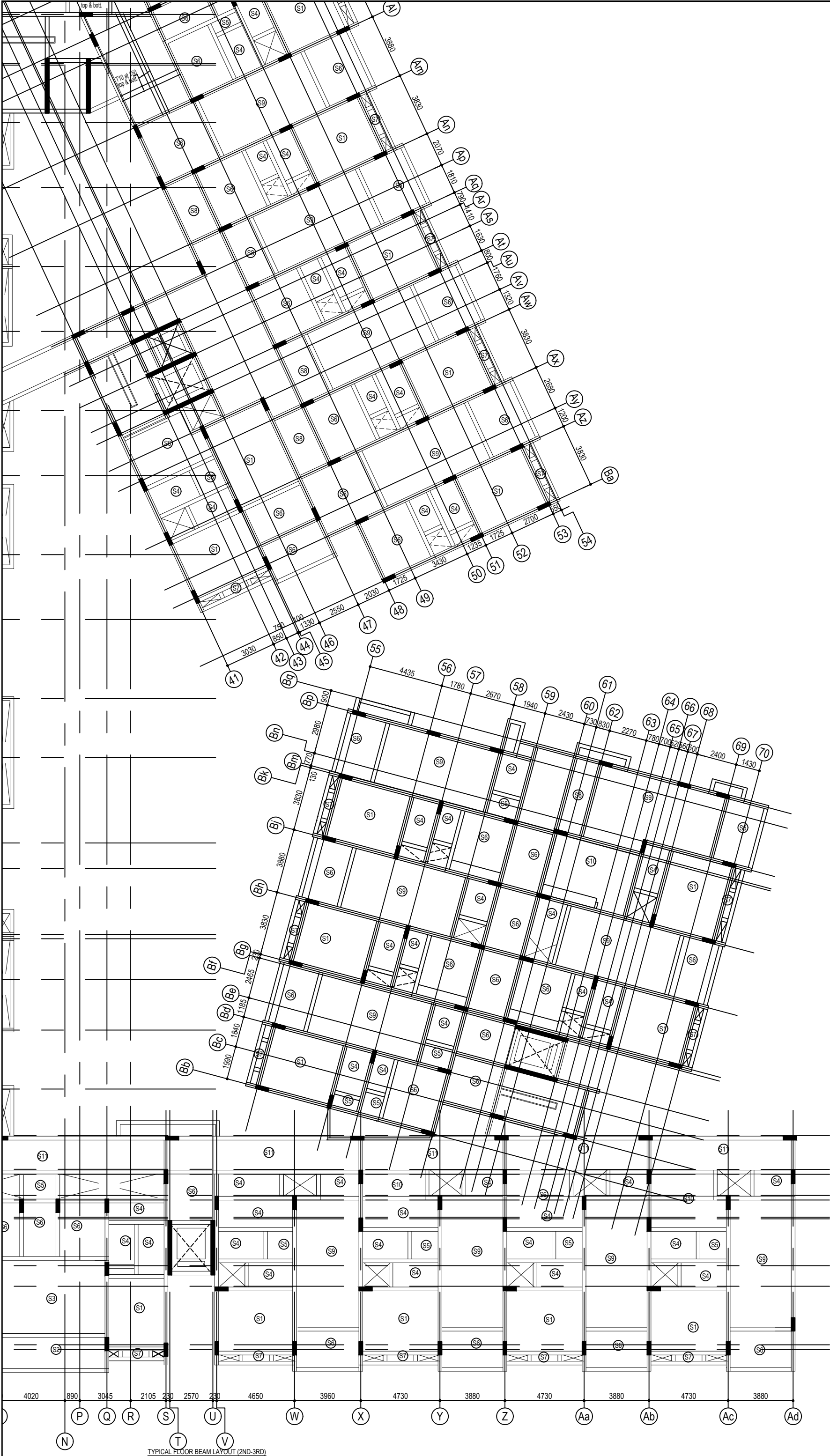
DRAWING TITLE:

TYPICAL FLOOR BEAM LAYOUT(2ND-3RD)

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

DRAWING NO: GC/GT/24222/SD/FFBL/15
REVISION: RO

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ORIGINAL SIZE OF THIS DRAWING IS A1



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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.
 - 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
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For GT BHARATHI URBAN DEVELOPERS PVT LTD

AUTHORISED SIGNATORY

OWNERS SIGNATURE

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Nithya T. B. Arch.,
Registered Architect
Council of Architecture
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E-mail : nithyat.leo@gmail.com

SIGNATURE OF ARCHITECT

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Madhavoyal, Chennai - 600095
Email id: moseszsomu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

RO ISSUE FOR APPROVAL

Rev. Description

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:

TYPICAL FLOOR SLAB DETAILS(2ND-3RD)

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

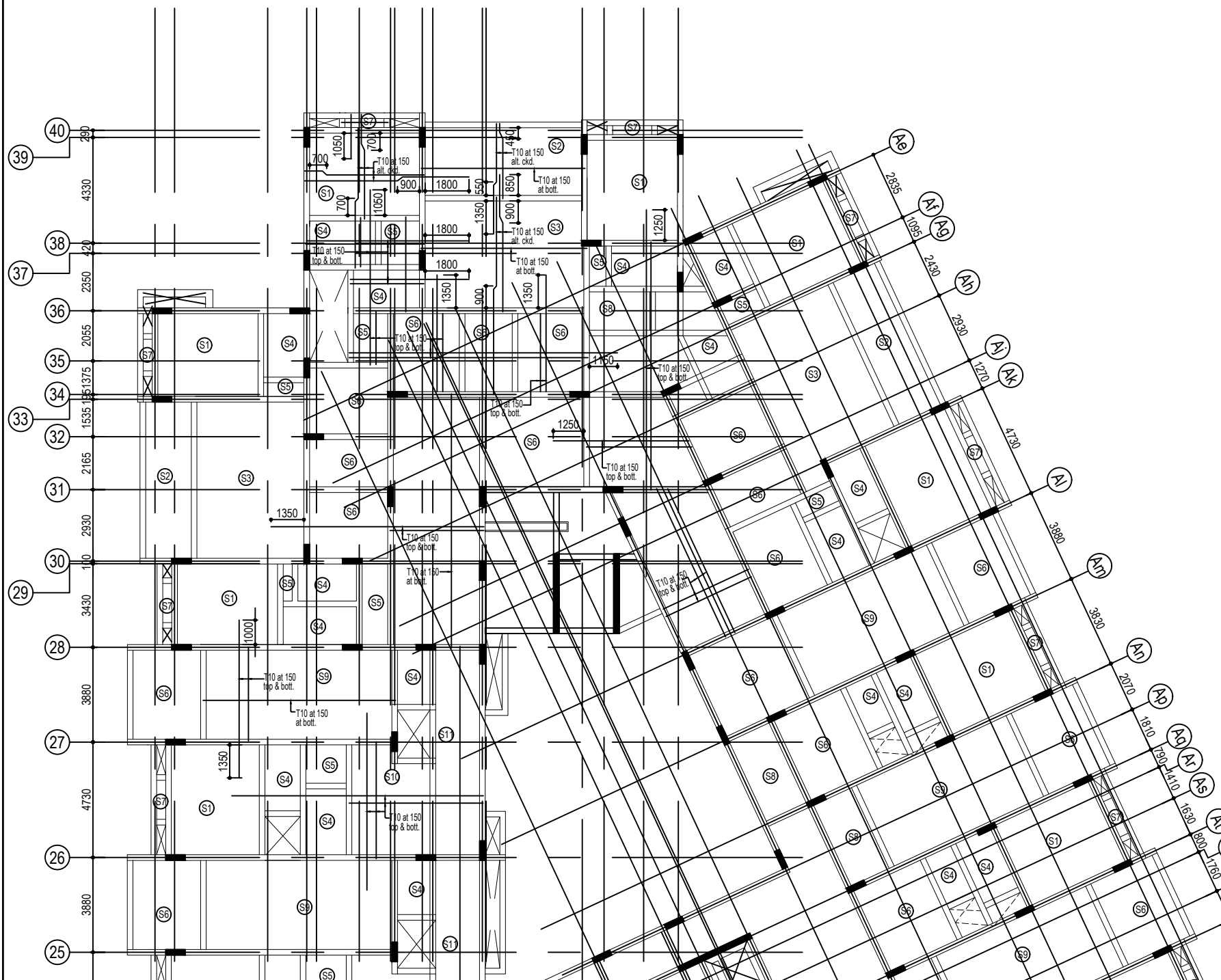
DRAWING NO:
GC/GT/24222/SD/FFSD/17

REVISION:
RO

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8. CLEAR COVER TO REINFORCEMENT FOR
 - a) FOUNDATION: 50MM. c) COLUMN: 40MM.
 - b) BEAM: 30MM. d) SLAB: 25MM.
9. SEC. OF SOIL CONSIDERED AS 217/ISQ8 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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OWNER'S SIGNATURE _____

SIGNATURE OF ARCHITECT

SIGNATURE OF STRUCTURAL ENGINEER

RO	ISSUE FOR APPROVAL
Rev.	Description

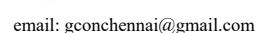
PROJECT TITLE:	
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PHASE-3 TOWER BLOCK

CLIENT:



CONSULTANT:



PROJECT TITLE:

**PROPOSED RESIDENTIAL BUILDING
AT VEDANEMELLECR. TOWER BLOCK**

DRAWING TITLE:

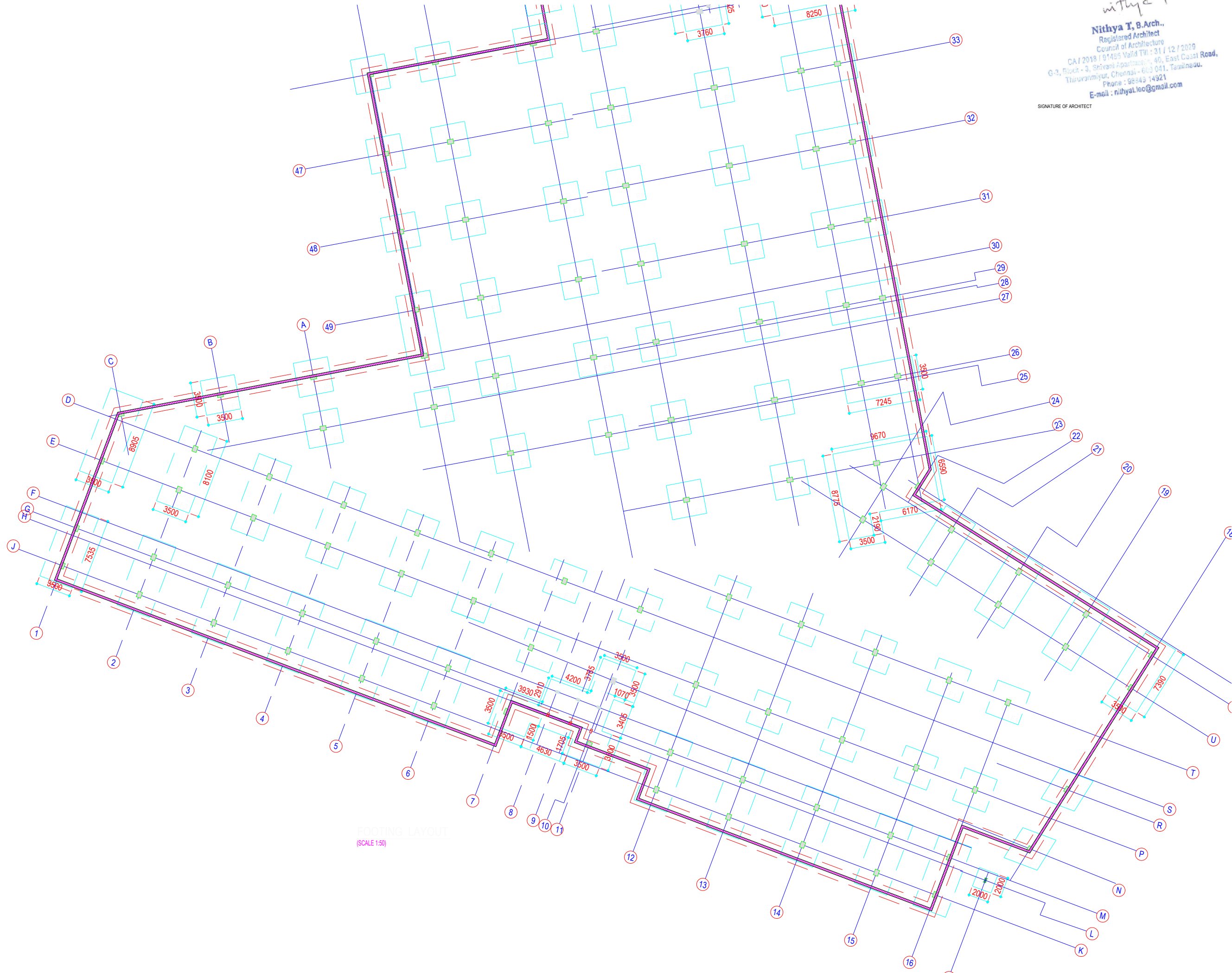
TYPICAL FLOOR SLAB DETAILS(2ND-3RD)

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

DRAWING NO: GC/GT/24222/SD/FFSD/18

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Council of Architecture
CAI/2018/91455 Valid Till: 31/12/2029
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Phone : 98849 14921
E-mail : nithyat.leo@gmail.com
SIGNATURE OF ARCHITECT

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a) FOUNDATION: 50MM. c) COLUMN: 40MM.
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For GT BHARATHI URBAN DEVELOPERS PVT LTD
AUTHORISED SIGNATORY
OWNERS SIGNATURE

Er.S.MOSES ARANGANATHAN
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DTCP Reg.No. TVLR/RSE/Gr-I/2024/07/006
Maduravoyal, Chennai - 600095
Email id: mosesomnu@gmail.com

RO ISSUE FOR APPROVAL

Rev. Description

PROJECT TITLE:

PHASE-2 PODIUM

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. PODIUM

DRAWING TITLE:

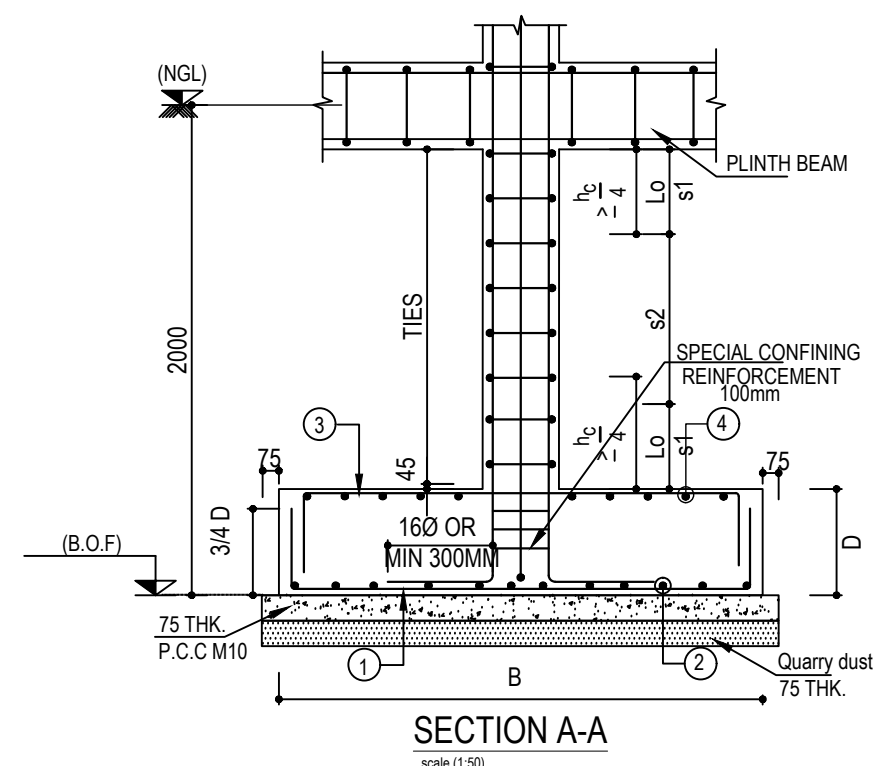
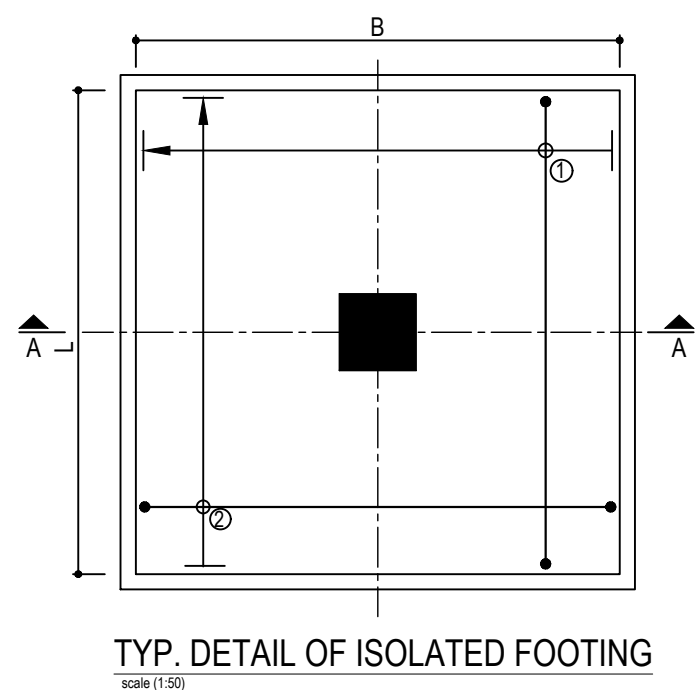
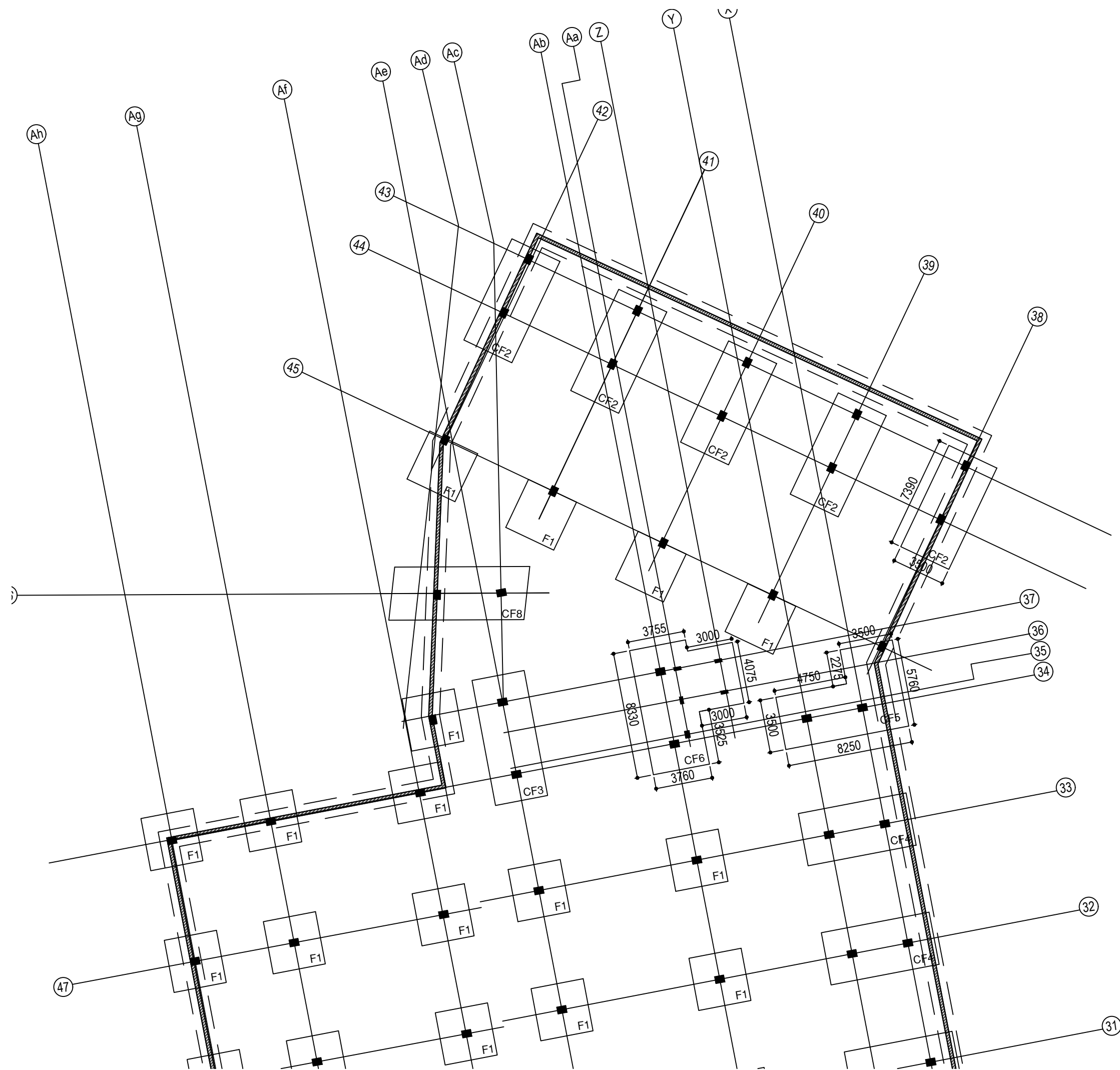
FOOTING LAYOUT

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

DRAWING NO: CC/GT/24223/SD/FL/01
REVISION: R0

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CA/2018/91455 Valid Till: 31/12/2029
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E-mail: nithyat.leo@gmail.com

SIGNATURE OF ARCHITECT

Er. S. Moses Aranganathan
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: moses.somu@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

RO ISSUE FOR APPROVAL

Rev. Description

PROJECT TITLE:

PHASE-2 PODIUM

CLIENT:

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OLD No: 31 & 32, New No: 81 & 83,
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CONSULTANT:

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

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING
AT VEDANEMELI, ECR. PODIUM

DRAWING TITLE:

FOOTING LAYOUT

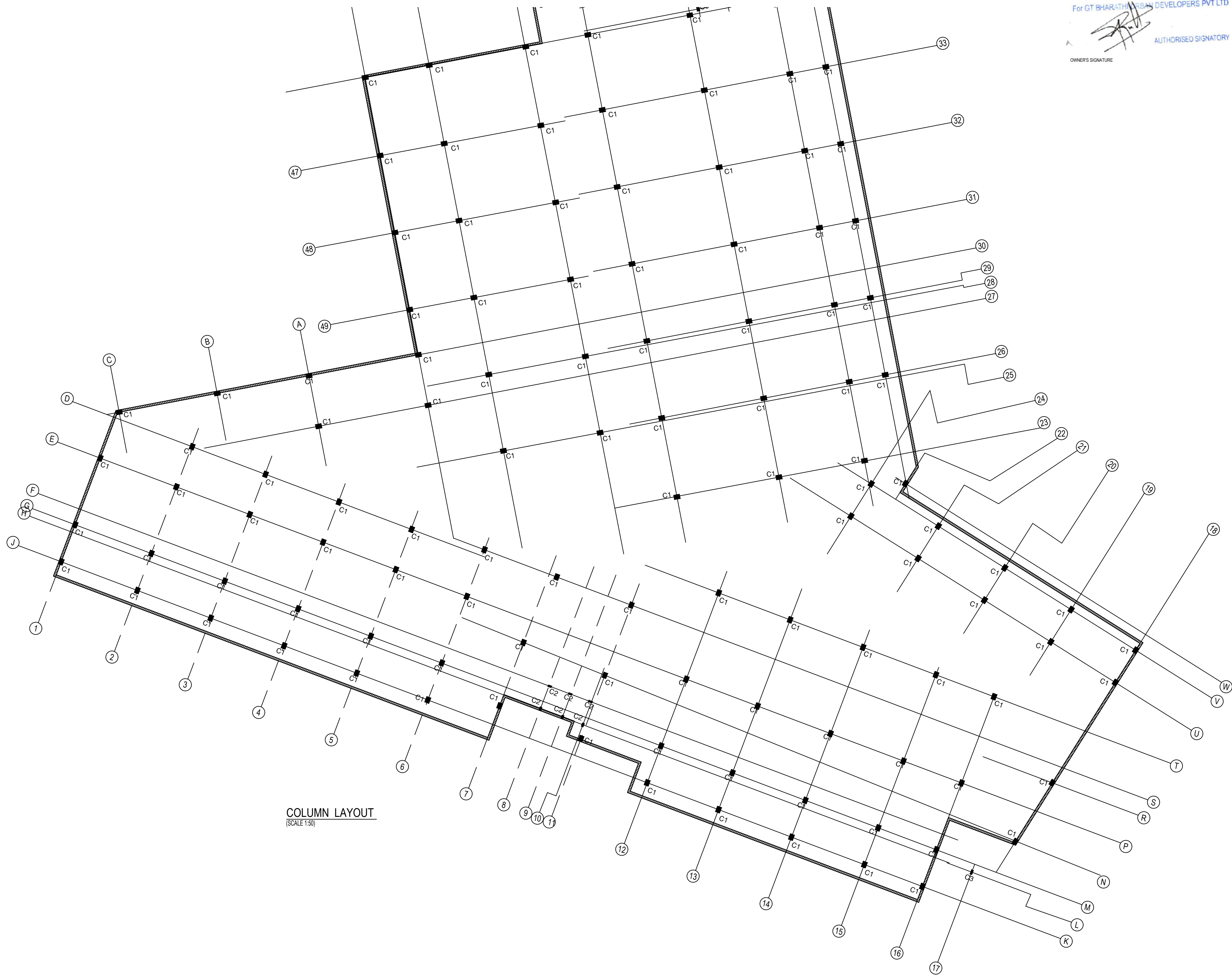
DRAWN: ROHN
DESIGNED: HRI
APPROVED: G.C.
SCALE: 1:75
DATE: 05-12-2024
E-MAIL: gconchennai@gmail.com

DRAWING NO: GC/GT/24223/SD/FL/02
REVISION: R0

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For GT BHARATHI URBAN DEVELOPERS PVT LTD
[Signature]
AUTHORISED SIGNATORY
OWNER'S SIGNATURE



For GT BHARATHI URBAN DEVELOPERS PVT LTD
OWNER'S SIGNATURE
AUTHORISED SIGNATORY

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Email Id: moses.somur@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,
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CONSULTANT:



GCON ENGINEERS
A COMPLETE CIVIL ENGINEERING FIRM

email: gconchennai@gmail.com

PROJECT TITLE:

**PROPOSED RESIDENTIAL BUILDING
AT VEDANEMELI, ECR. PODIUM**

DRAWING TITLE:

COLUMN LAYOUT

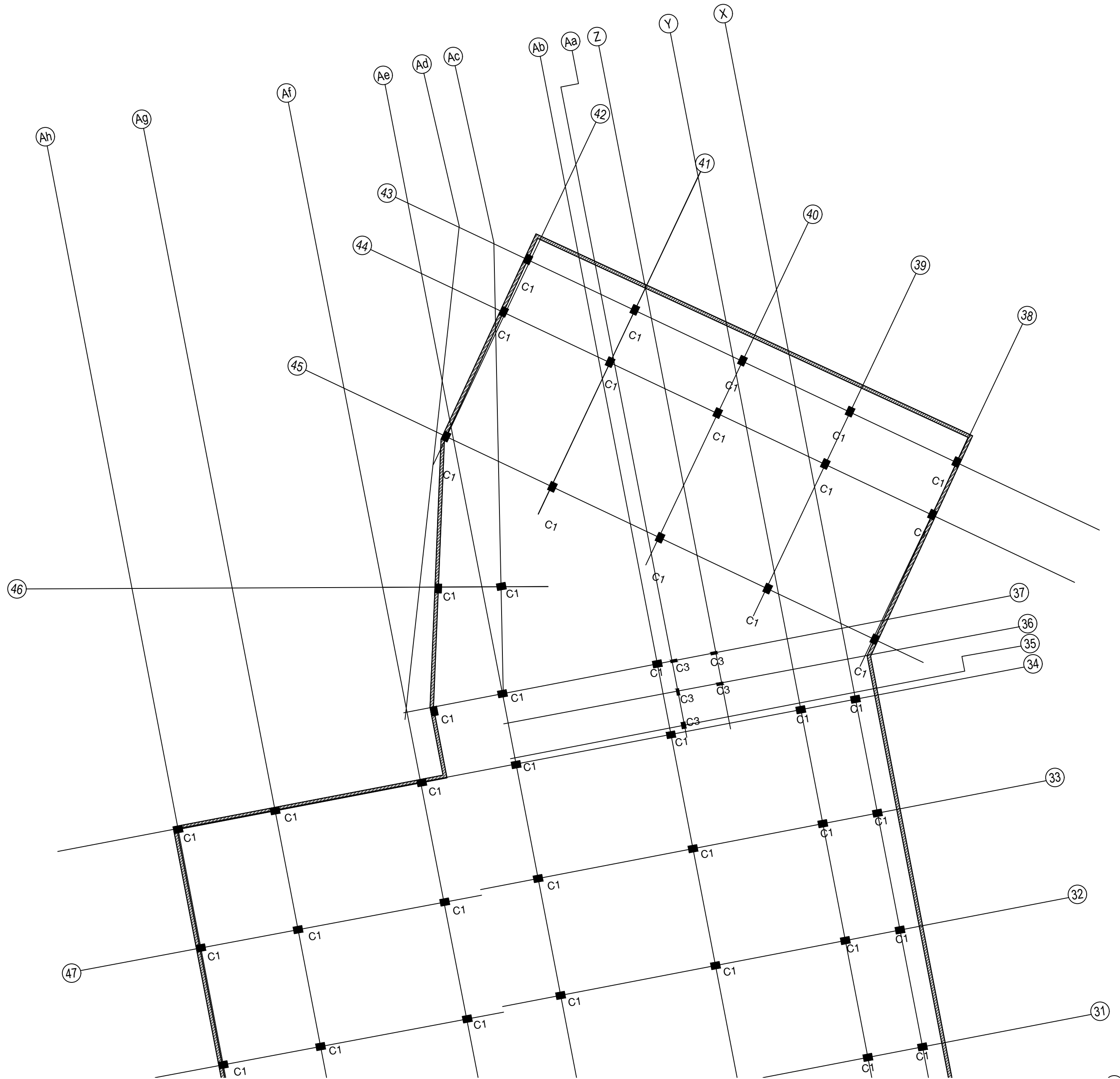
DRAWN: R000	DESIGNED: H001	APPROVED: G001	STAGE: APPROVAL
SCALE: 1:175	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO:
GC/GT/24223/SD/CL/03

REVISION:
R0

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E-mail : nithya.leo@gmail.com
SIGNATURE OF ARCHITECT

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[Signature]
AUTHORISED SIGNATORY
OWNER'S SIGNATURE

[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
Madhavayal, Chennai - 600095
Email Id: moses.somnu@gmail.com
SIGNATURE OF STRUCTURAL ENGINEER

RO	ISSUE FOR APPROVAL
Rev.	Description

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:
COLUMN LAYOUT

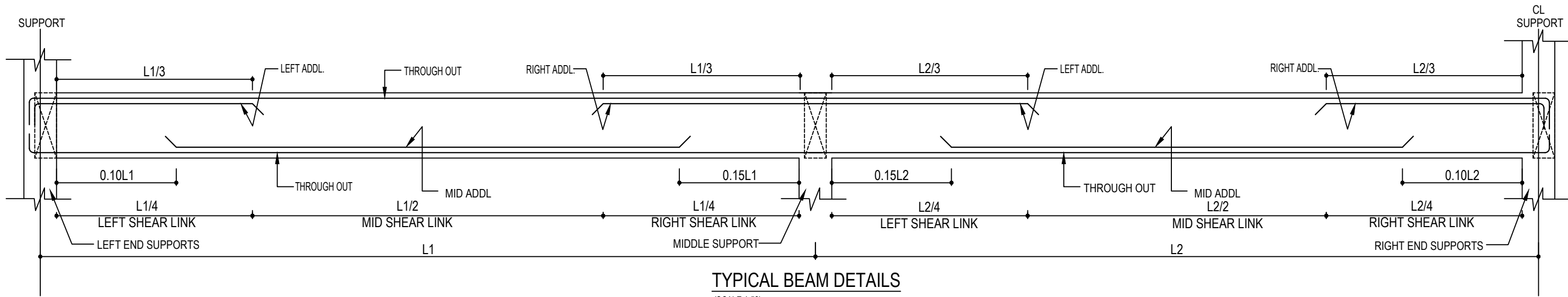
DRAWN: ROHN	DESIGNED: HRI	APPROVED: GG	STAGE: APPROVAL
SCALE: 1:75	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	

DRAWING NO:
GC/GT/24223/SD/CL/04

REVISION:
R0

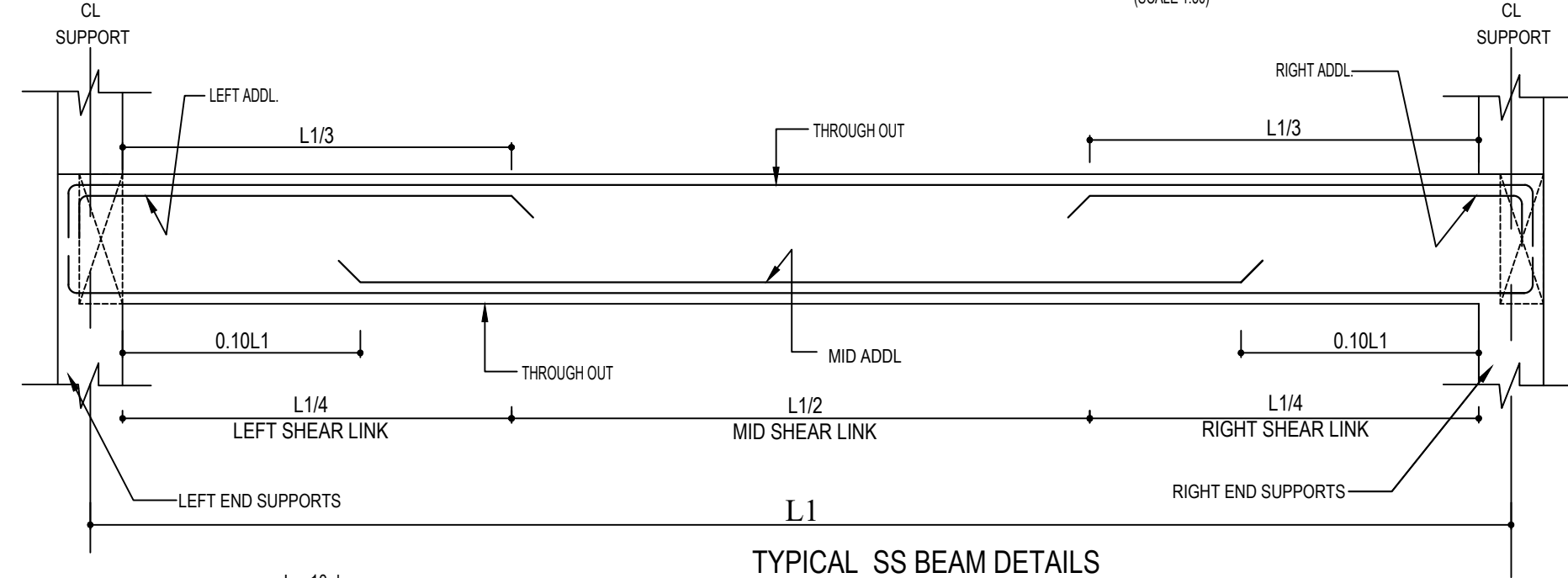
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FOOTING TO TERRACE	M25 : Fe550 , COVER = 40MM	M25 : Fe550 , COVER = 40MM	M25 : Fe550 , COVER = 40MM
	LINKS	LINKS	LINKS
	T10 @ 125	T10 @ 150	T8 @ 125
COLUMN MARKED			
	20-T32	8-T32 + 8-T25	12-T25
	C1	C2	C3

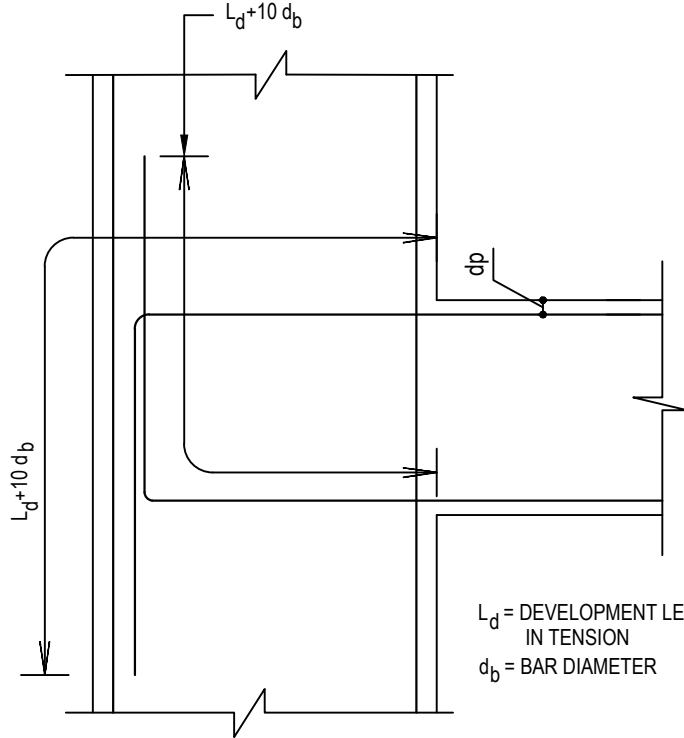


TYPICAL BEAM DETAILS

(Scale 1:50)

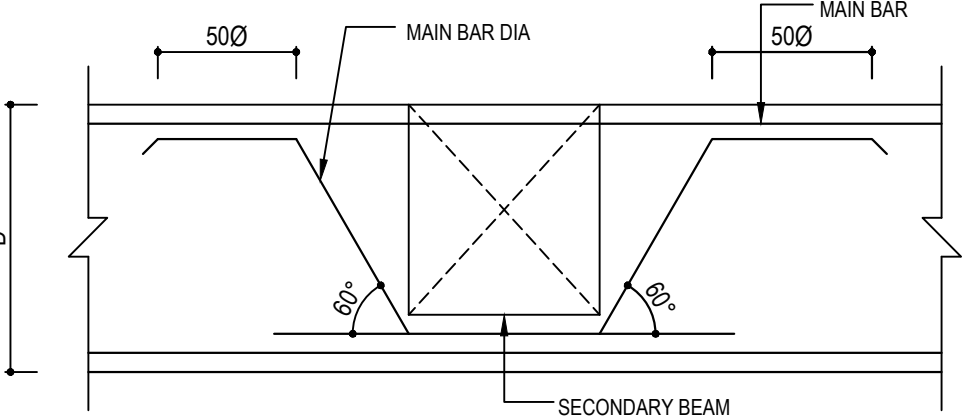


TYPICAL SS BEAM DETAILS



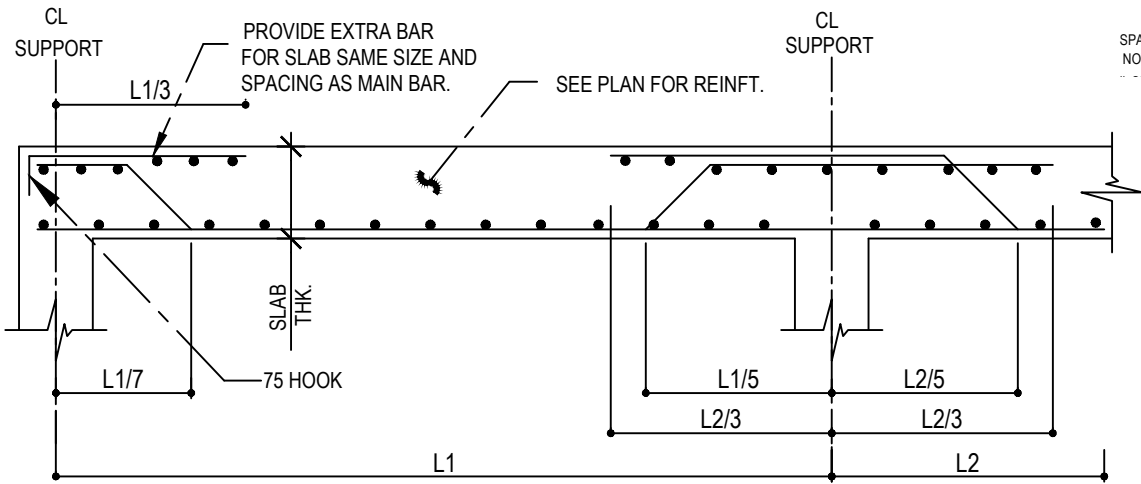
TYPICAL DETAILS FOR ANCHORAGE OF BEAM BARS

(Scale 1:50)



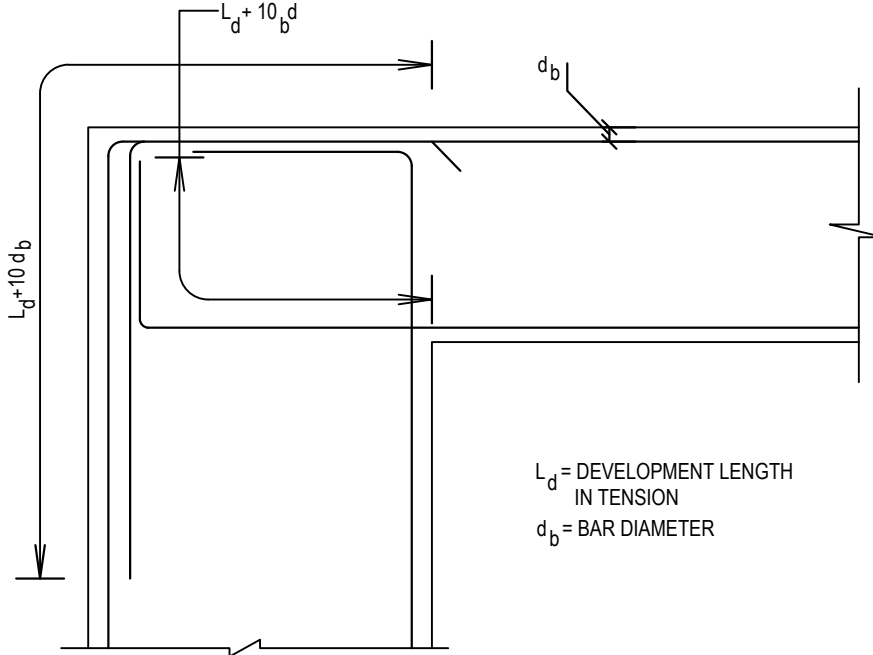
CRANK BAR DETAIL FOR BEAM

(Scale 1:50)



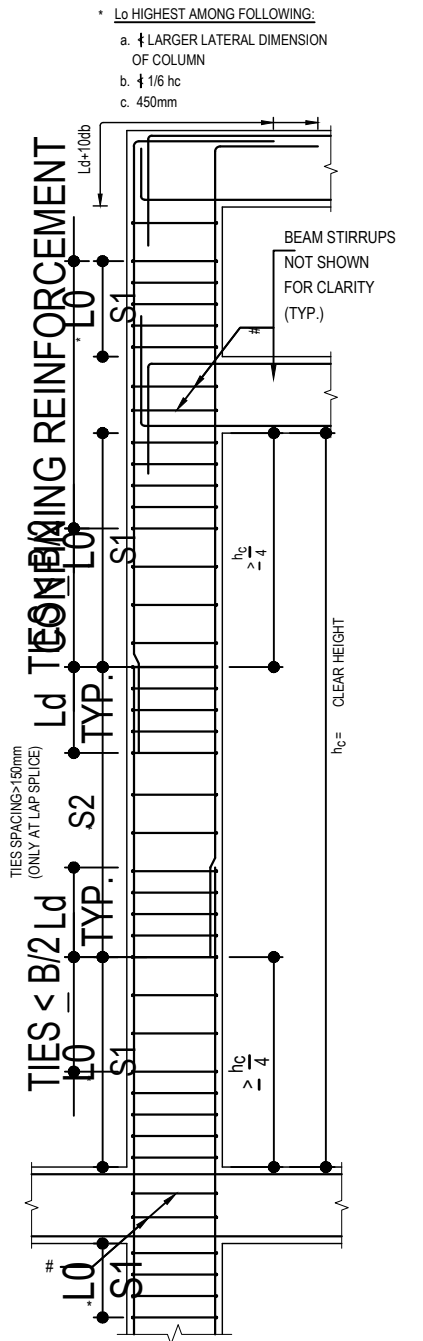
TYPICAL SLAB DETAIL

(Scale 1:50)



TYPICAL DETAILS FOR ANCHORAGE OF BEAM BARS

(Scale 1:50)

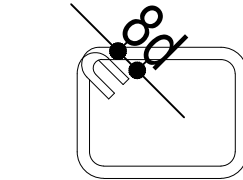


COLUMN AND JOINT DETAILING

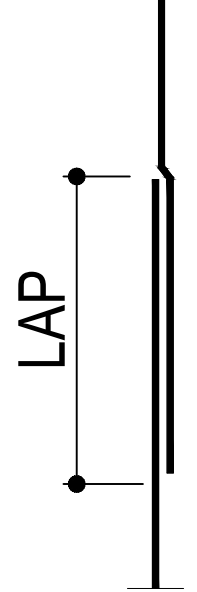
(WITH LAPS/MECH. SPLICE)

(Scale 1:50)

SPACING OF TIES IN Lo REGION SHALL NOT EXCEED B4 BUT NEED NOT BE LESS THAN 75MM NOR MORE THAN 100mm.



STIRRUPS IN COLUMN (TYP.)



LAPPING BAR IN COLUMN SIZE

(Scale 1:50)

NOTES:

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- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- USE CONCRETE - M25.
- ALL REINFORCEMENTS SHALL BE OF GRADE Fe550 CONFIRMING IS-1786
- FOOTING DESIGNED FOR P+1 ONLY.
- NO ADMIXTURES SHALL BE ADDED WITHOUT PERMISSION OF CONSULTANT
- CLEAR COVER TO REINFORCEMENT FOR
a) FOUNDATION: 50MM. c) COLUMN: 40MM.
b) BEAM: 30MM. d) SLAB: 25MM.
- SBC OF SOIL CONSIDERED AS 21T/SQM AS PER SOIL REPORT
- LAPPING SHALL BE 50 TIMES DIA. OF THE BAR
- STRUCTURAL DETAILED DRAWINGS ARE ISSUED FOR G+1 ONLY.
- DE-SHUTTERING PERIOD AS PER IS 456
- ALL SORTS OF PRECAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION.
- ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.

RO ISSUE FOR APPROVAL

Rev. Description

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:



email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING
AT VEDANEMELI, ECR. PODIUM

DRAWING TITLE:

COLUMN REINF., DETAILS

DRAWN: R0/RN	DESIGNED: HRI	APPROVED: G.C	STAGE:
SCALE: 1:75	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	APPROVAL

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)

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AT VEDANEMELI, ECR. PODIUM

DRAWING TITLE:

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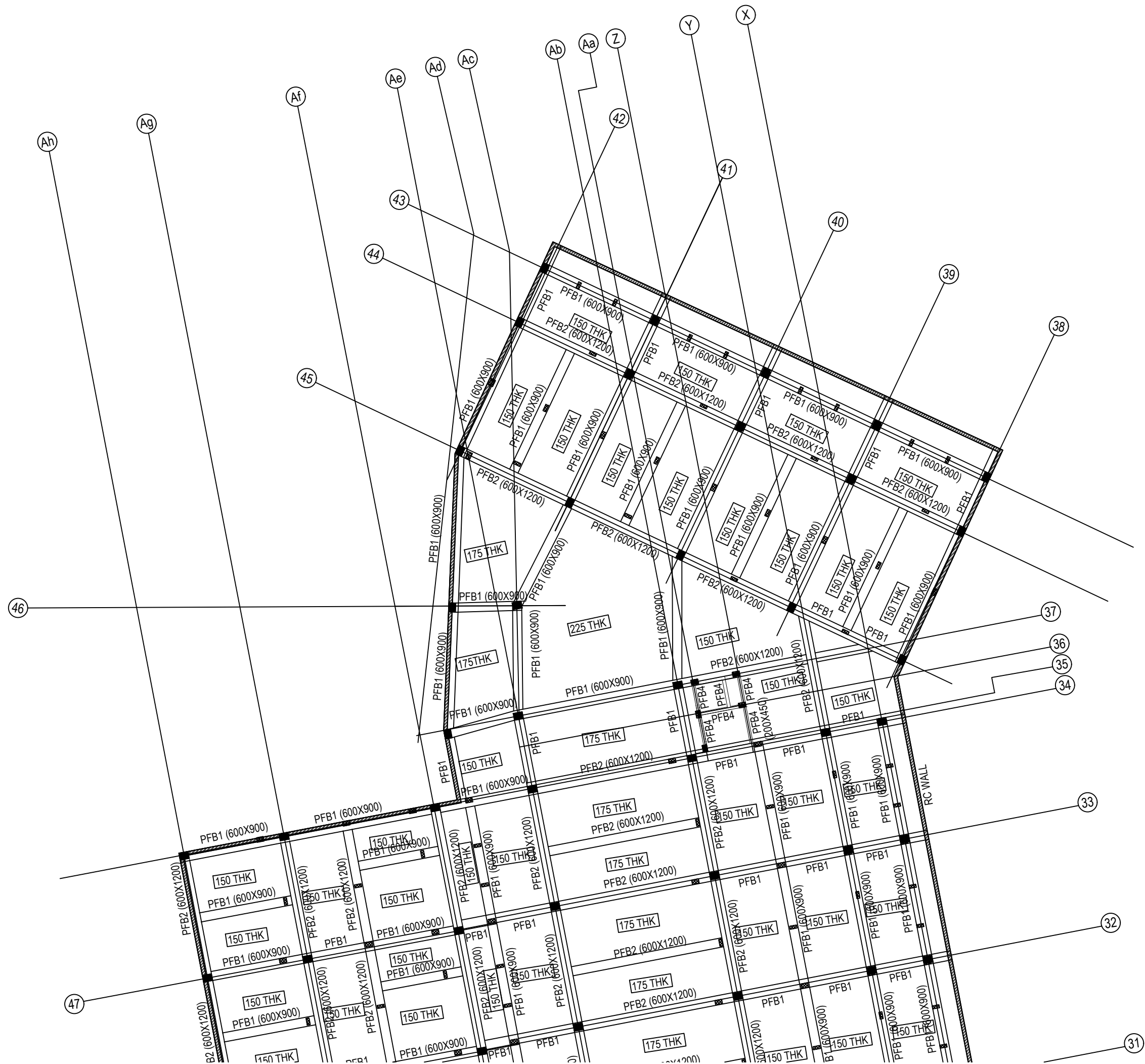
DRAWN: RHH	DESIGNED: HRI	APPROVED: G.C	STAGE:
SCALE: 1:75	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	APPROVAL

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

REVISION:
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Rev. Description

PROJECT TITLE:

PHASE-2 PODIUM

CLIENT:



CONSULTANT:



email: gconchennai@gmail.com

PROJECT TITLE:

PROPOSED RESIDENTIAL BUILDING
AT VEDANEMELI, ECR. PODIUM

DRAWING TITLE:

PODIUM BEAM LAYOUT

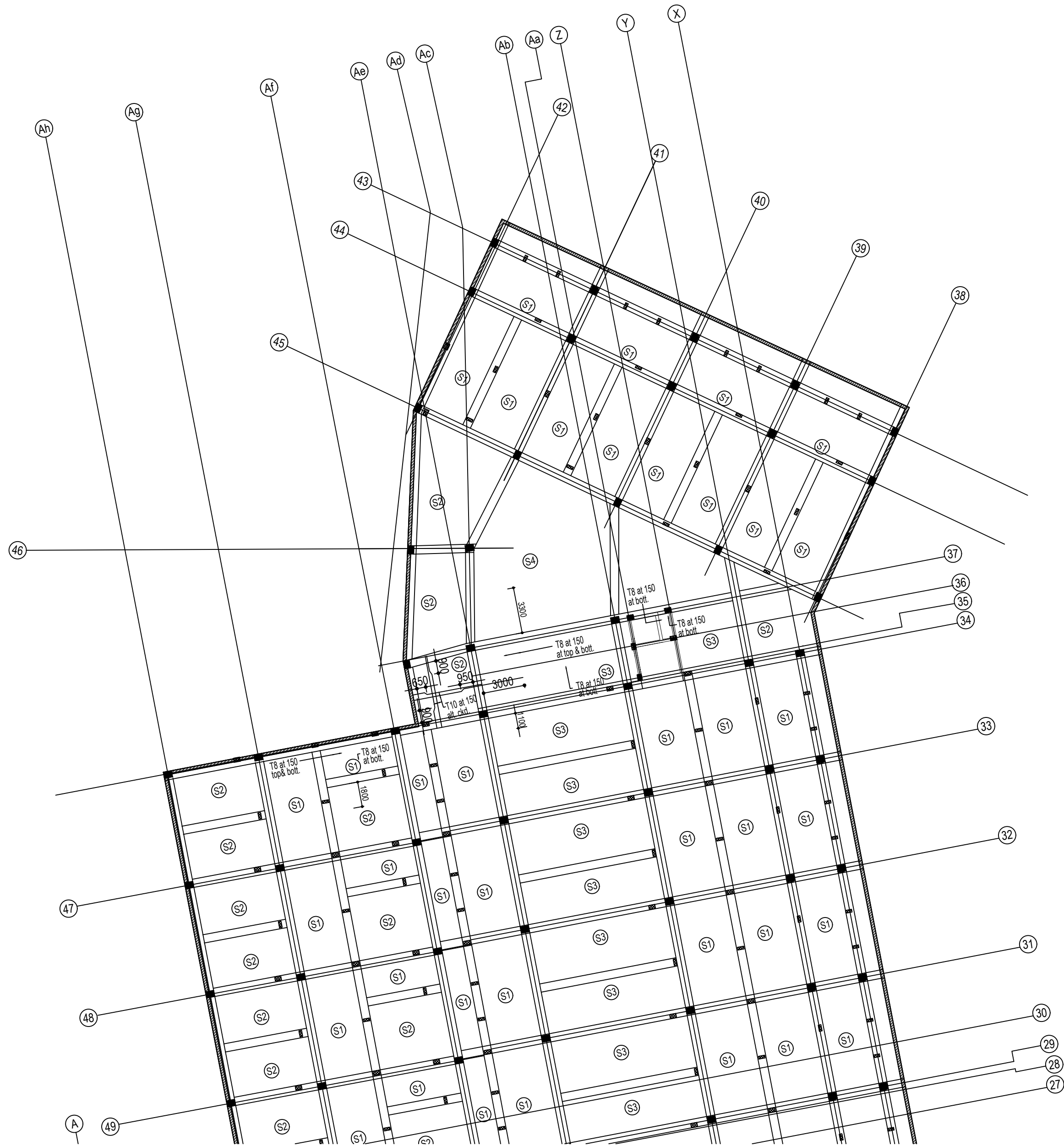
DRAWN: RHHN	DESIGNED: HRI	APPROVED: GG	STAGE:
SCALE: 1:175	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	APPROVAL

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

REVISION:
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AT VEDANEMELI, ECR. PODIUM

DRAWING TITLE:

PODIUM SLAB DETAILS

DRAWN: R0/HN	DESIGNED: HN	APPROVED: GG	STAGE:
SCALE: 1:175	DATE: 05-12-2024	E-MAIL: gconchennai@gmail.com	APPROVAL

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

REVISION:
R0

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ORIGINAL SIZE OF THIS DRAWING IS A1