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NOTES ON FOUNDATION MATERIAL:

1. The footing shall be found on rock or hard soil with minimum allowable bearing capacity of 371 kPa.
2. If the soil at tentative founding level is not suitable, the same shall be removed and replaced with mass concrete of f'ck=20 MPa.
3. Prior to laying the mass concrete layer, the founding material shall be inspected and tested to the satisfaction of client representative.
4. The excavation work up to the proposed founding level shall be carried out with due care to avoid excessive disturbance to the soil at founding level.
5. If disturbance to the founding material is occurred, the disturbed material shall be removed and replaced with mass concrete of f'ck=20 MPa.
6. Adequate temporary drainage should be provided for excavated area to divert all surface water from reaching the excavated area and footing.
7. Bore hole shall be sunk to confirm the raft founding level to agree with the client representative. Bore holes shall be filled with concrete of f'ck= 20 MPa.
8. Uniform compaction of backfill all around the structural elements shall be done ensuring on lateral pressure is applied to the structural element.
9. Foundations are designed based on interpretation of soil mentioned in Soil Investigation Report received on 31/08/2023 (Report no. GEO-G–114–2023-24; By Geo Technologies; Principal Geotechnical Consultant Er. K. P. Vetriselvan; dated 31/08/2023) .
10. No water table was encountered in any of the boreholes during field investigation.
11. Bottom of the footing shall rest on soil with minimum Safe Bearing Capacity of 371kPa; Contractor shall ensure this during execution of work.
12. Backfill against Walls to be done uniformly against both sides of the walls until Ground Floor slabs. Structural Elements are not designed to resist lateral pressure due to Soil.
13. Levels indicated are meant for level of excavation only.

NOTES:

1. The Contractor shall carefully examine, compare and verify the data furnished by the drawings and specifications. Any doubt as to the meaning of the drawings (including notes thereon) or of the specifications or of any errors/ommissions after its discovery, any work involving such discrepancies shall be done at the contractor's risk.

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3. All dimensions are in millimeters unless noted otherwise.

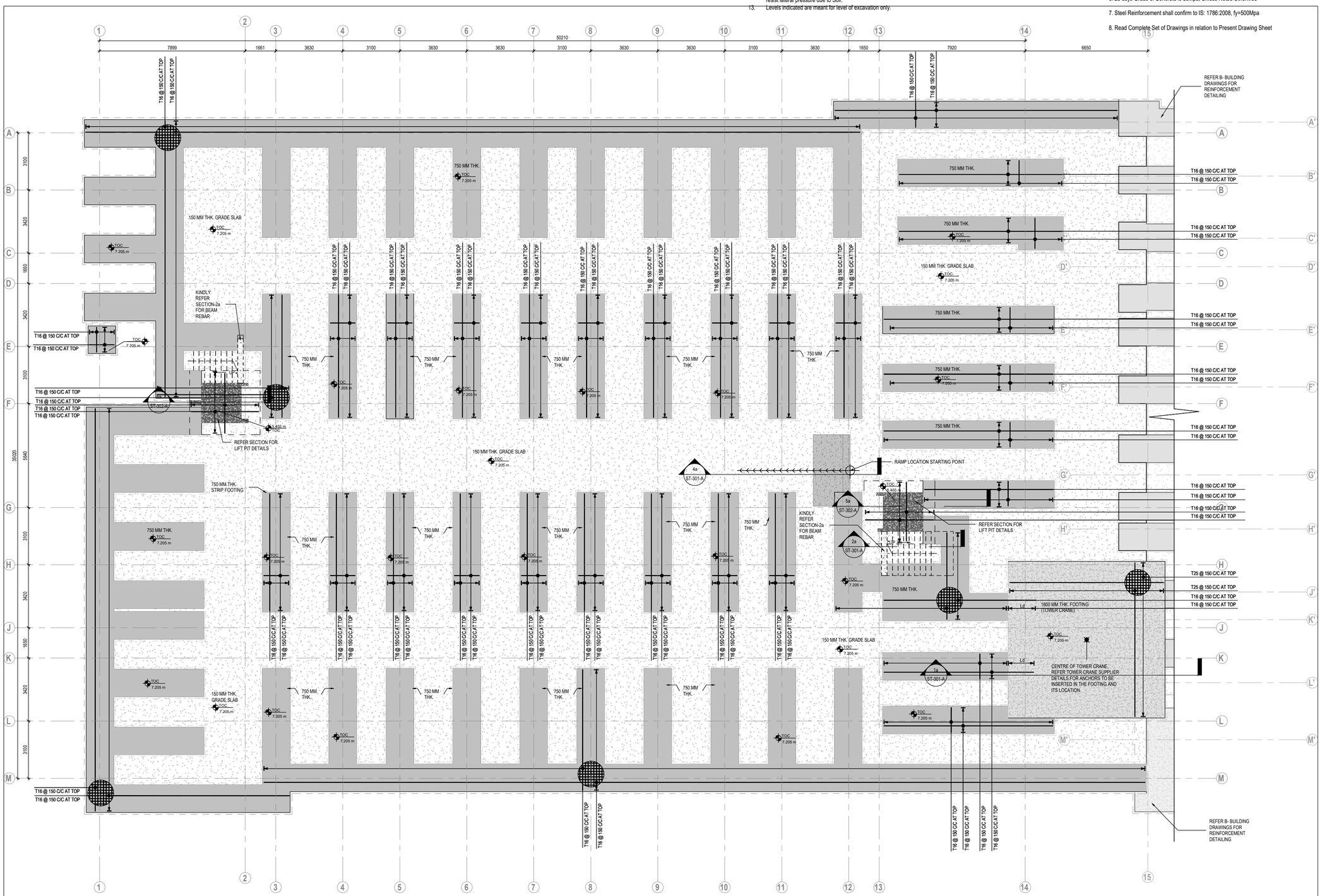
4. Drawings are not to be scaled.

5. Refer General Notes and Details for Splicing of Reinforcement, Grade of Concrete, Cover and Miscellaneous Details

6. 28 days Grade of Concrete is 30Mpa; Unless Noted Otherwise

7. Steel Reinforcement shall confirm to IS: 1786:2008, fy=500Mpa

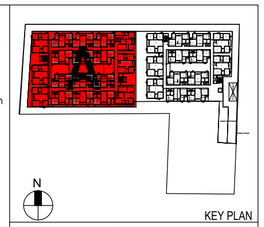
8. Read Complete Set of Drawings in relation to Present Drawing Sheet



FOUNDATION & GRADE SLAB TOP REINFORCEMENT

16-04-2024

FOUNDATION & GRADE SLAB TOP REINFORCEMENT



N

KEY PLAN

REVISIONS

REV NO.	DESCRIPTIONS	BY	DATE
6			
5			
4			
3			
2			
1			
0	GOOD FOR CONSTRUCTION	VS	16-04-2024

OWNER:

KG House , 126, Arts College Road , Coimbatore -641018

PROJECT CONTRACTOR & ARCHITECT:

KG House , 126, Arts College Road , Coimbatore -641018

MEP CONSULTANT:

Advantech MEP Consultants & Engineers
Office No.9, Fifth Floor, Tower "B", Downtown CityVista, Kharadi, Pune - 411 014

THIS DRAWING IS BASED ON THE FOLLOWING INFORMATION:
DRAWINGS RECEIVED ON 28/02/2024

STRUCTURAL CONSULTANTS:

METIS STRUCTURES
...re enforcing dreams...

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LICENSE NO. 525 A

PROJECT:

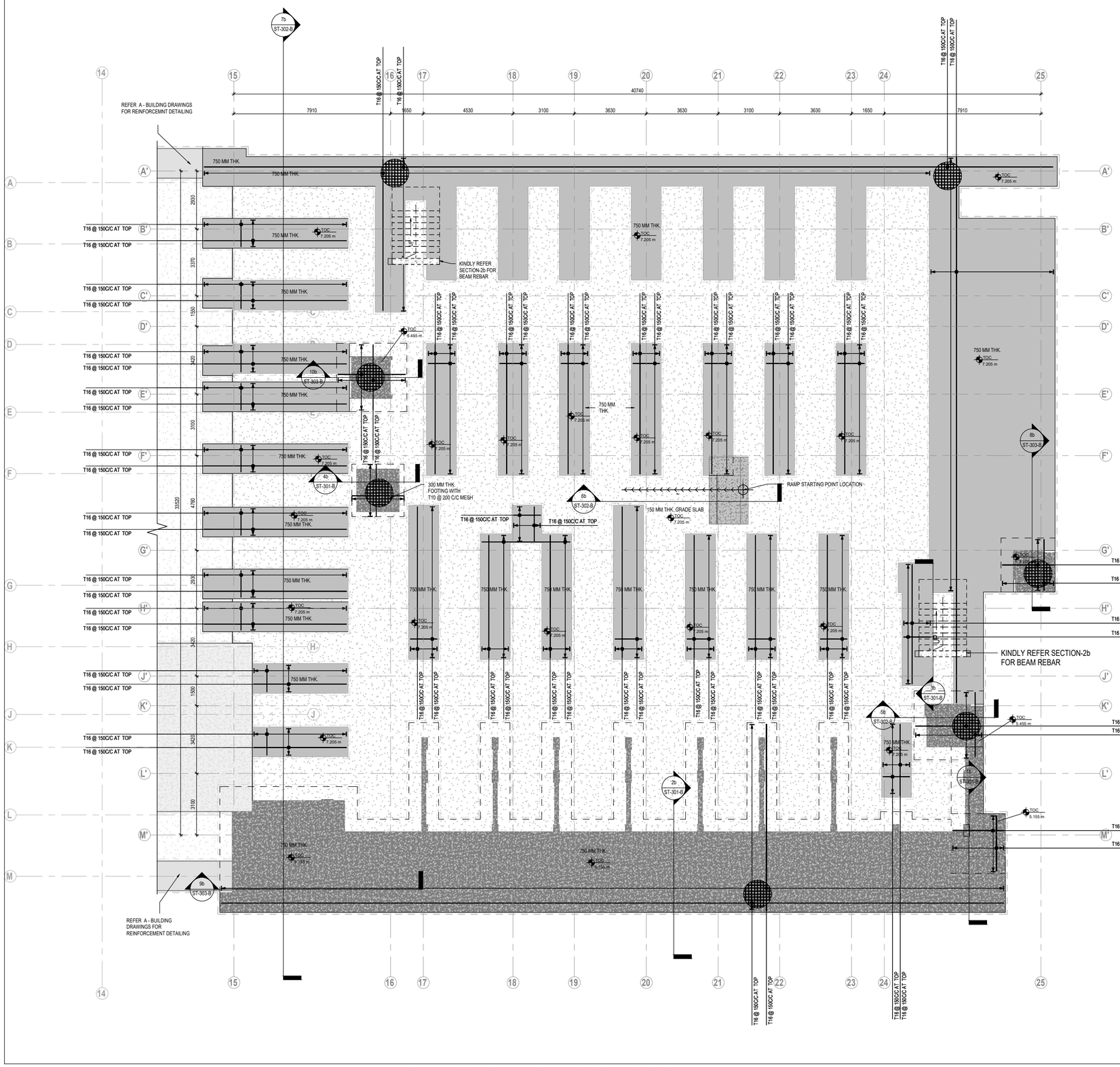
MAGNUM CITY

TS.NO. .:3/11, Villankurichi Village , Gurusamy Nagar , Coimbatore District -641004

DRAWING TITLE:

FOUNDATION & GRADE SLAB TOP REINFORCEMENT

PURPOSE OF ISSUE GOOD FOR CONSTRUCTION		DATE 16-04-2024
DRW BY: VS	CHK BY: SK	APR BY: SL
PROJECT NO 253114	SCALE 1:100	SHEET SIZE A1
DRAWING NUMBER SEPL-T&C-MAG-ST-102-A		REV 00



FOUNDATION & GRADE SLAB TOP REINFORCEMENT

16-04-2024

FOUNDATION & GRADE SLAB TOP REINFORCEMENT

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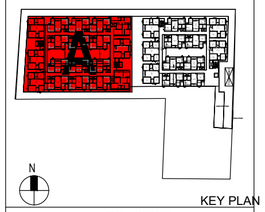
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KEY PLAN

REVISIONS

REV NO.	DESCRIPTIONS	BY	DATE
6			
5			
4			
3			
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1			
0	GOOD FOR CONSTRUCTION	VP	16-04-2024

OWNER:

KG House , 126, Arts College Road , Coimbatore -641018

PROJECT CONTRACTOR &

KG House , 126, Arts College Road , Coimbatore -641018

MEP CONSULTANT:

Advantech MEP Consultants & Engineers
Office No.9, Fifth Floor, Tower "B", Downtown CityVista, Kharadi, Pune - 411 014

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...re enforcing dream...

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LICENSE NO: G25 A

PROJECT:

MAGNUM CITY

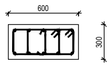
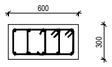
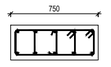
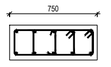
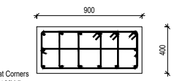
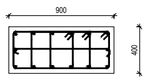
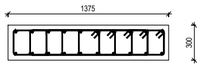
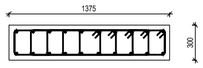
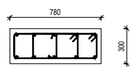
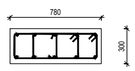
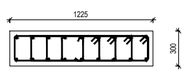
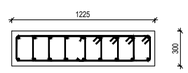
TS.NO . :3/11, Villankurichi Village , Gurusamy Nagar , Coimbatore District -641004

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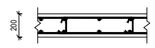
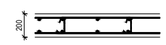
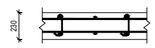
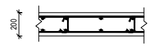
FOUNDATION & GRADE SLAB TOP REINFORCEMENT

PURPOSE OF ISSUE		DATE
GOOD FOR CONSTRUCTION		16-04-2024
DRW BY: VP	CHK BY: SK	APR BY: SL
PROJECT NO	SCALE	SHEET SIZE
253114	1:100	A1
DRAWING NUMBER: SEPL-T&C-MAG-ST-102-B		REV 00

COLUMN SCHEDULE

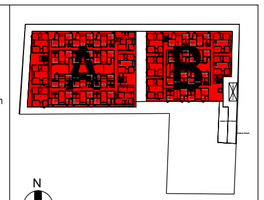
COLUMN MARK	BASEMENT FLOOR LEVEL TO STILT FLOOR LEVEL				STILT FLOOR LEVEL TO FIRST FLOOR LEVEL			
CA1, CB1								
	2 - CLOSE TIE	1 - CROSS TIE	fck = **30 Mpa**		2 - CLOSE TIE	1 - CROSS TIE	fck = **30 Mpa**	
	VERTICAL BARS	10-T16	CONF. REINF.	T8 @ 100 C/C	VERTICAL BARS	10-T16	CONF. REINF.	T8 @ 100 C/C
	TIES	T8 @ 200 C/C	JOINT REINF	T8 @ 100 C/C	TIES	T8 @ 200 C/C	JOINT REINF	T8 @ 100 C/C
CA2, CB2								
	2 - CLOSE TIE	0 - CROSS TIE	fck = **30 Mpa**		2 - CLOSE TIE	0 - CROSS TIE	fck = **30 Mpa**	
	VERTICAL BARS	8-T16	CONF. REINF.	T8 @ 100 C/C	VERTICAL BARS	8-T16	CONF. REINF.	T8 @ 100 C/C
	TIES	T8 @ 200 C/C	JOINT REINF	T8 @ 100 C/C	TIES	T8 @ 200 C/C	JOINT REINF	T8 @ 100 C/C
CA3,CB3	NOTE : 20 Dia. Bars to be Placed at Corners 16 Dia. Bars to be Placed at Middle				NOTE : 20 Dia. Bars to be Placed at Corners 16 Dia. Bars to be Placed at Middle			
	2 - CLOSE TIE	1 - CROSS TIE	fck = **30 Mpa**		2 - CLOSE TIE	1 - CROSS TIE	fck = **30 Mpa**	
	VERTICAL BARS	4-T20+6T-16	CONF. REINF.	T8 @ 100 C/C	VERTICAL BARS	4-T20+6T-16	CONF. REINF.	T8 @ 100 C/C
	TIES	T8 @ 200 C/C	JOINT REINF	T8 @ 100 C/C	TIES	T8 @ 200 C/C	JOINT REINF	T8 @ 100 C/C
CA4	NOTE : 20 Dia. Bars to be Placed at Corners 16 Dia. Bars to be Placed at Middle							
	3 - CLOSE TIE	1 - CROSS TIE	fck = **30 Mpa**		3 - CLOSE TIE	1 - CROSS TIE	fck = **30 Mpa**	
	VERTICAL BARS	4-T20+10-T16	CONF. REINF.	T8 @ 100 C/C	VERTICAL BARS	4-T20+10-T16	CONF. REINF.	T8 @ 100 C/C
	TIES	T8 @ 200 C/C	JOINT REINF	T8 @ 100 C/C	TIES	T8 @ 200 C/C	JOINT REINF	T8 @ 100 C/C
CA5								
	5 - CLOSE TIE	0 - CROSS TIE	fck = **30 Mpa**		5 - CLOSE TIE	0 - CROSS TIE	fck = **30 Mpa**	
	VERTICAL BARS	20-T16	CONF. REINF.	T8 @ 100 C/C	VERTICAL BARS	20-T16	CONF. REINF.	T8 @ 100 C/C
	TIES	T8 @ 200 C/C	JOINT REINF	T8 @ 100 C/C	TIES	T8 @ 200 C/C	JOINT REINF	T8 @ 100 C/C
CB4	NOTE : 20 Dia. Bars to be Placed at Corners 16 Dia. Bars to be Placed at Middle				NOTE : 20 Dia. Bars to be Placed at Corners 16 Dia. Bars to be Placed at Middle			
	2 - CLOSE TIE	1 - CROSS TIE	fck = **30 Mpa**		2 - CLOSE TIE	1 - CROSS TIE	fck = **30 Mpa**	
	VERTICAL BARS	4-T20+6-T16	CONF. REINF.	T8 @ 100 C/C	VERTICAL BARS	4-T20+6-T16	CONF. REINF.	T8 @ 100 C/C
	TIES	T8 @ 200 C/C	JOINT REINF	T8 @ 100 C/C	TIES	T8 @ 200 C/C	JOINT REINF	T8 @ 100 C/C
CB5								
	4 - CLOSE TIE	1 - CROSS TIE	fck = **30 Mpa**		4 - CLOSE TIE	1 - CROSS TIE	fck = **30 Mpa**	
	VERTICAL BARS	18-T16	CONF. REINF.	T8 @ 100 C/C	VERTICAL BARS	18-T16	CONF. REINF.	T8 @ 100 C/C
	TIES	T8 @ 200 C/C	JOINT REINF	T8 @ 100 C/C	TIES	T8 @ 200 C/C	JOINT REINF	T8 @ 100 C/C

SHEAR WALL SCHEDULE

WALL MARK	BASEMENT FLOOR LEVEL TO STILT FLOOR LEVEL				STILT FLOOR LEVEL TO FIRST FLOOR LEVEL			
SW01								
	fck = **30 Mpa**				fck = **30 Mpa**			
	VERTICAL BARS	T8 @ 150 C/C			VERTICAL BARS	T8 @ 150 C/C		
	HORIZONTAL BARS	T8 @ 200 C/C			HORIZONTAL BARS	T8 @ 200 C/C		
	HOOKS				HOOKS			
	TIES	T8 @ 400 C/C BOTHWAYS			TIES	T8 @ 400 C/C BOTHWAYS		
SW02								
	fck = **30 Mpa**				fck = **30 Mpa**			
	VERTICAL BARS	T8 @ 150 C/C			VERTICAL BARS	T8 @ 150 C/C		
	HORIZONTAL BARS	T8 @ 200 C/C			HORIZONTAL BARS	T8 @ 200 C/C		
	HOOKS				HOOKS			
	TIES	T8 @ 400 C/C BOTHWAYS			TIES	T8 @ 400 C/C BOTHWAYS		
SW03	NOTE: WATER TANK / STP WALL							
	fck = **30 Mpa**				fck = **Mpa**			
	VERTICAL BARS	T12 @ 100 C/C			VERTICAL BARS			
	HORIZONTAL BARS	T10 @ 200 C/C			HORIZONTAL BARS			
	HOOKS				HOOKS			
	TIES	T8 @ 300 C/C BOTHWAYS			TIES			
SW04								
	fck = **30 Mpa**				fck = **30 Mpa**			
	VERTICAL BARS	T12 @ 100 C/C			VERTICAL BARS	T12 @ 100 C/C		
	HORIZONTAL BARS	T8 @ 200 C/C			HORIZONTAL BARS	T8 @ 200 C/C		
	HOOKS	T8 ALTERNATE HOOKS			HOOKS	T8 ALTERNATE HOOKS		
	TIES				TIES			
SW05								
	fck = **30 Mpa**				fck = **30 Mpa**			
	VERTICAL BARS	T12 @ 100 C/C			VERTICAL BARS	T12 @ 100 C/C		
	HORIZONTAL BARS	T8 @ 200 C/C			HORIZONTAL BARS	T8 @ 200 C/C		
	HOOKS	T8 ALTERNATE HOOKS			HOOKS	T8 ALTERNATE HOOKS		
	TIES				TIES			
SW06	NOTE: SUMP WALL							
	fck = **30 Mpa**				fck = **Mpa**			
	VERTICAL BARS	T10 @ 200 C/C			VERTICAL BARS			
	HORIZONTAL BARS	T10 @ 200 C/C			HORIZONTAL BARS			
	HOOKS				HOOKS			
	TIES	T8 @ 400 C/C BOTHWAYS			TIES			

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7. Steel Reinforcement shall confirm to IS: 1786:2008, fy=500Mpa
8. Read Complete Set of Drawings in relation to Present Drawing Sheet



KEY PLAN

REVISIONS

REV NO.	DESCRIPTIONS	BY	DATE
6			
5			
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0	GOOD FOR CONSTRUCTION	VS	16-04-2024

OWNER:

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PROJECT CONTRACTOR & ARCHITECT:

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DRAWINGS RECEIVED ON 28/02/2024

STRUCTURAL CONSULTANTS:

METIS STRUCTURES
...re enforcing dream...

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LICENSE NO. 525 A

PROJECT:

MAGNUM CITY

TS.NO . .3/11, Villankurichi Village , Gurusamy Nagar , Coimbatore District -641004

DRAWING TITLE:

COLUMN AND WALL REBAR SCHEDULE BUILDING A & B

PURPOSE OF ISSUE		DATE
GOOD FOR CONSTRUCTION		16-04-2024
DRW BY: VS	CHK BY: SK	APR BY: SL
PROJECT NO	SCALE	SHEET SIZE
253114	N.T.S	A1
DRAWING NUMBER		REV
SEPL-T&C-MAG-ST-105-A&B		00

COLUMN AND WALL REBAR SCHEDULE BUILDING A & B
16-04-2024

11. Deshuttering for Columns: Shutters can be removed after 24 Hours .

12. Deshuttering for Beams: Props below beams to be placed up till 21 days side Shutters of beams can be removed after 3 days

13. Deshuttering for Slabs : Props below slabs to be placed up till 14 days. For Spans less than 5m, Deshuttering can be done in 7 days

14. Provide T10 bar chairs

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7. Steel Reinforcement shall confirm to IS: 1786:2008, fy=500Mpa

8. Read Complete Set of Drawings in relation to Present Drawing Sheet

9. Column Locations are shown; to be approved by Architect.

10. For Beam reinforcement refer schedule

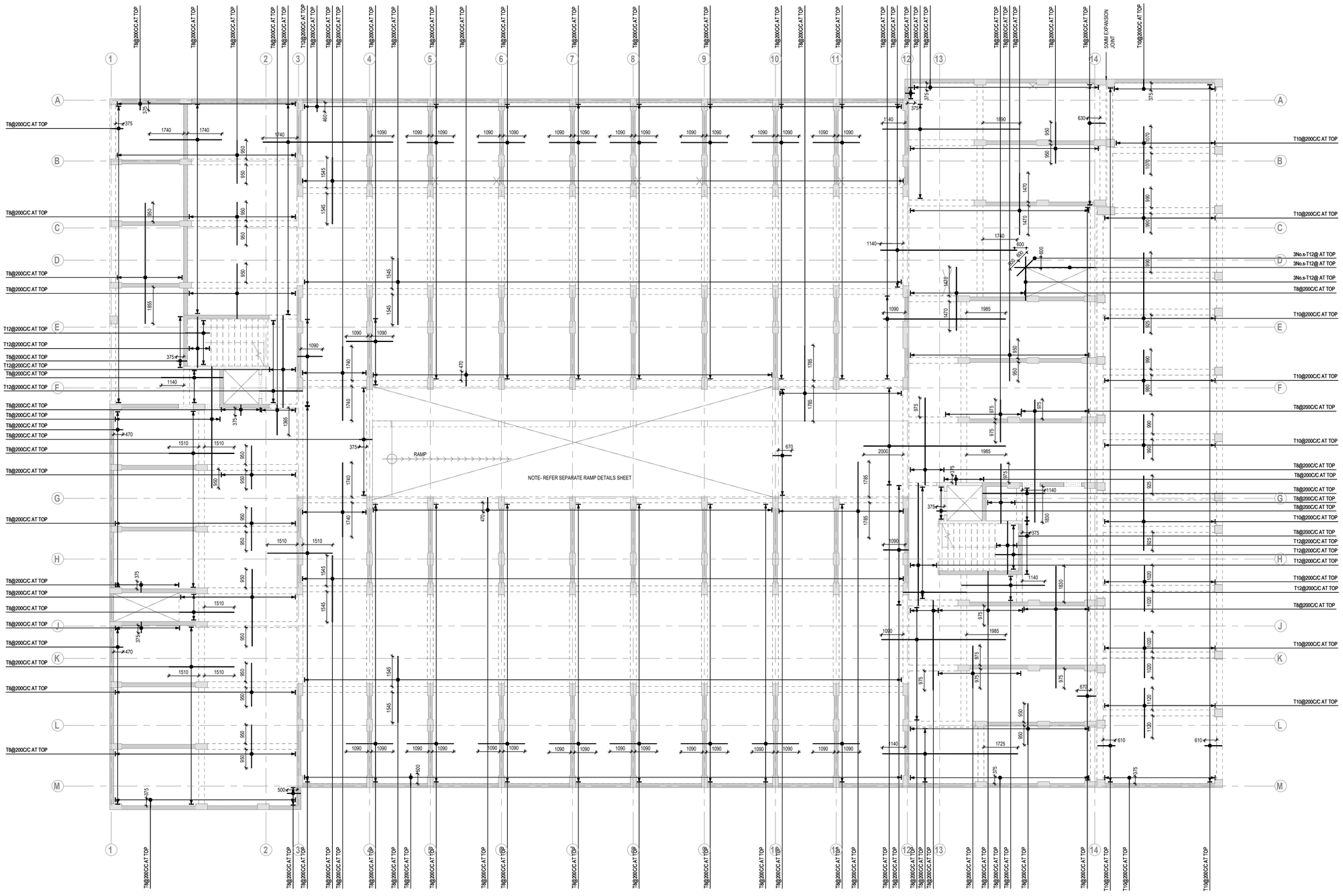
NOTES:

1. The Contractor shall carefully examine, compare and verify the data furnished by the drawings and specifications. Any doubt as to the meaning of the drawings (including notes thereon) or of the specifications or of any errors/ommissions after its discovery, any work involving such discrepancies shall be done at the contractor's risk.

2. This drawing to be read in conjunction with all relevant Engineer's and Architect's drawings and with all relevant specifications.

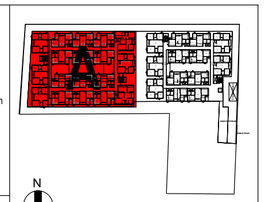
3. All dimensions are in millimeters unless noted otherwise.

4. Drawings are not to be scaled.



STILT FLOOR- SLAB TOP REINFORCEMENT

07-05-2024



KEY PLAN

REVISIONS

REV NO.	DESCRIPTIONS	BY	DATE
6			
5			
4			
3			
2			
1			
0	GOOD FOR CONSTRUCTION	VS	07-05-2024

OWNER:

KG House , 126, Arts College Road , Coimbatore -641018

PROJECT CONTRACTOR & ARCHITECT:

KG House , 126, Arts College Road , Coimbatore -641018

MEP CONSULTANT:

Advantech MEP Consultants & Engineers
Office No.9, Fifth Floor, Tower "B", Downtown CityVista, Kharadi, Pune - 411 014

THIS DRAWING IS BASED ON THE FOLLOWING INFORMATION:
DRAWINGS RECEIVED ON 28/02/2024

STRUCTURAL CONSULTANTS:

METIS STRUCTURES re enforcing dream

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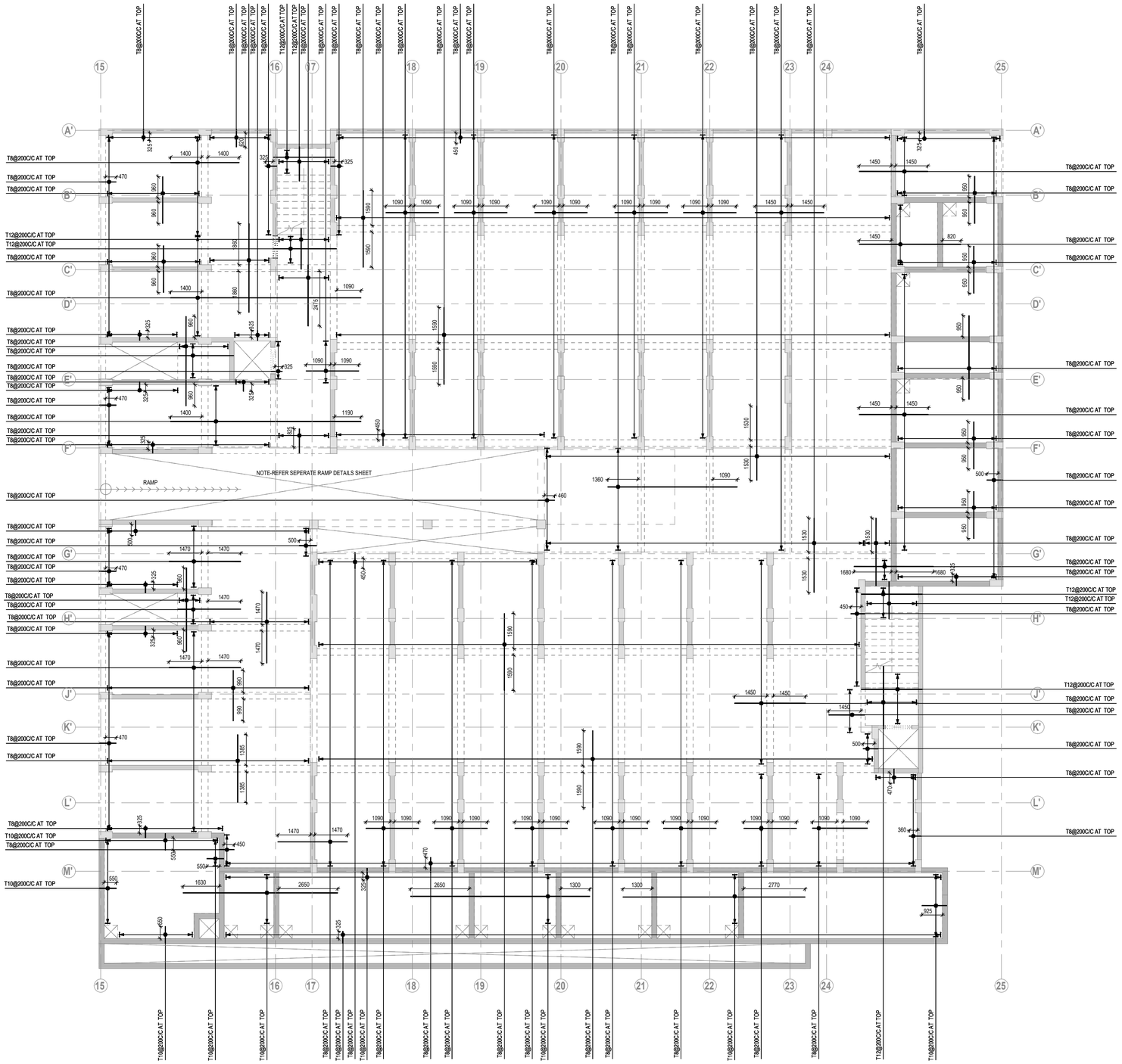
MAGNUM CITY

TS.NO . :3/11, Villankurichi Village , Gurusamy Nagar , Coimbatore District -641004

DRAWING TITLE:

STILT FLOOR- SLAB TOP REINFORCEMENT

PURPOSE OF ISSUE		DATE
GOOD FOR CONSTRUCTION		07-05-2024
DRW BY: VS	CHK BY: SK	APR BY: SL
PROJECT NO	SCALE	SHEET SIZE
253114	1:100	A1
DRAWING NUMBER		REV
SEPL-T&C-MAG-ST-108-A		00



STILT FLOOR-SLAB TOP REINFORCEMENT

07-05-2024

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2. This drawing to be read in conjunction with all relevant Engineer's and Architect's drawings and with all relevant specifications.

3. All dimensions are in millimeters unless noted otherwise.

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5. Refer General Notes and Details for Splicing of Reinforcement, Grade of Concrete, Cover and Miscellaneous Details

6. 28 days Grade of Concrete is 30Mpa; Unless Noted Otherwise

7. Steel Reinforcement shall confirm to IS: 1786:2008, fy=500Mpa

8. Read Complete Set of Drawings in relation to Present Drawing Sheet

9. Column Locations are shown; to be approved by Architect.

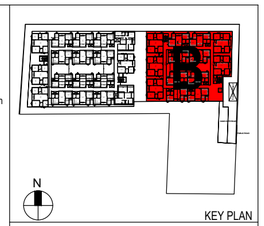
10. For Beam reinforcement refer schedule

11. Deshuttering for Columns: Shutters can be removed after 24 Hours .

12. Deshuttering for Beams: Props below beams to be placed up till 21 days
side Shutters of beams can be removed after 3 days

13. Deshuttering for Slabs : Props below slabs to be placed up till 14 days.
For Spans less than 5m, Deshuttering can be done in 7 days

14. Provide T10 bar chairs



KEY PLAN

REVISIONS

REV NO.	DESCRIPTIONS	BY	DATE
6			
5			
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OWNER:

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STRUCTURAL CONSULTANTS:

METIS STRUCTURES
re enforcing dream

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MAGNUM CITY

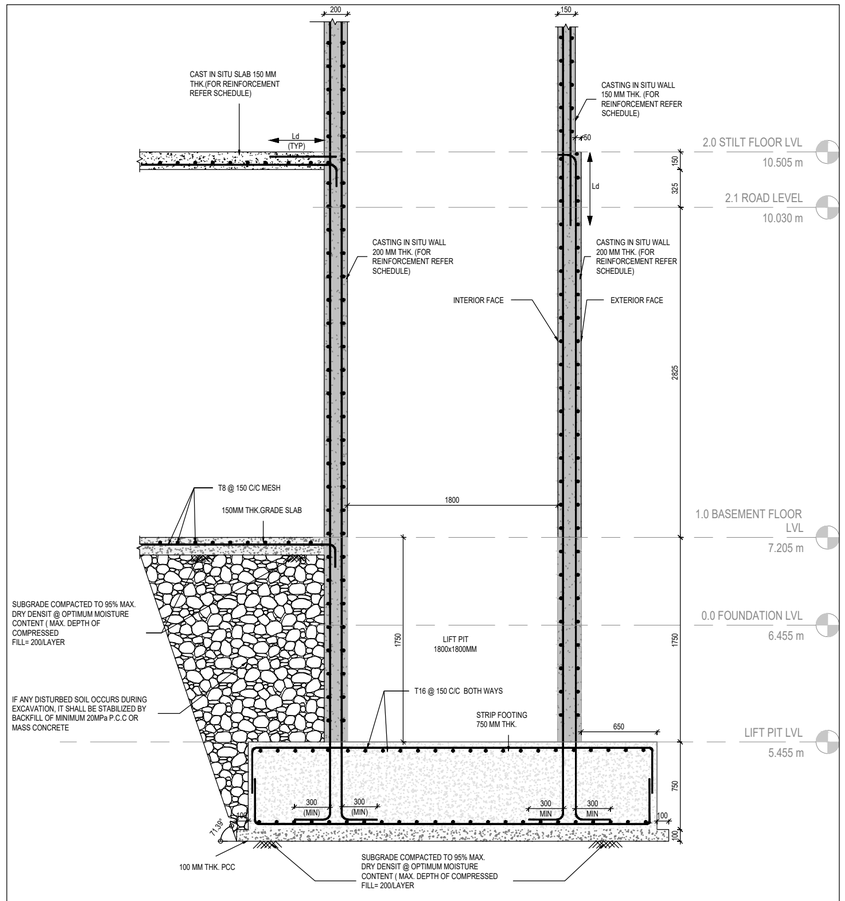
TS.NO . :3/11, Villankurichi Village , Gurusamy Nagar , Coimbatore District -641004

DRAWING TITLE:

STILT FLOOR-SLAB TOP REINFORCEMENT

PURPOSE OF ISSUE		DATE
GOOD FOR CONSTRUCTION		07-05-2024
DRW BY: VP	CHK BY: SK	APR BY: SL
PROJECT NO	SCALE	SHEET SIZE
253114	1:100	A1
DRAWING NUMBER		REV
SEPL-T&C-MAG-ST-108-B		00

STILT FLOOR-SLAB TOP REINFORCEMENT



SECTION-5b

1 : 25

NOTES ON FOUNDATION MATERIAL:

1. The footing shall be found on rock or hard soil with minimum allowable bearing capacity of 371 kPa.
2. If the soil at tentative founding level is not suitable, the same shall be removed and replaced with mass concrete of f'ck=20 MPa.
3. Prior to laying the mass concrete layer, the founding material shall be inspected and tested to the satisfaction of client representative.
4. The excavation work up to the proposed founding level shall be carried out with due care to avoid excessive disturbance to the soil at founding level.
5. If disturbance to the founding material is occurred, the disturbed material shall be removed and replaced with mass concrete of f'ck=20 MPa.
6. Adequate temporary drainage should be provided for excavated area to divert all surface water from reaching the excavated area and footing.
7. Bore hole shall be sunk to confirm the raft founding level to agree with the client representative. Bore holes shall be filled with concrete of f'ck= 20 MPa.
8. Uniform compaction of backfill all around the structural elements shall be done ensuring on lateral pressure is applied to the structural element.
9. Foundations are designed based on interpretation of soil mentioned in Soil Investigation Report received on 31/08/2023 (Report no. GEG-G–114–2023-24; By Geo Technologies; Principal Geotechnical Consultant Er. K. P. Vetriselvan; dated 31/08/2023) .
10. No water table was encountered in any of the boreholes during field investigation.
11. Bottom of the footing shall rest on soil with minimum Safe Bearing Capacity of 371kPa; Contractor shall ensure this during execution of work.
12. Backfill against Walls to be done uniformly against both sides of the walls until Ground Floor slabs. Structural Elements are not designed to resist lateral pressure due to Soil.
13. Levels indicated are meant for level of excavation only.

NOTES:

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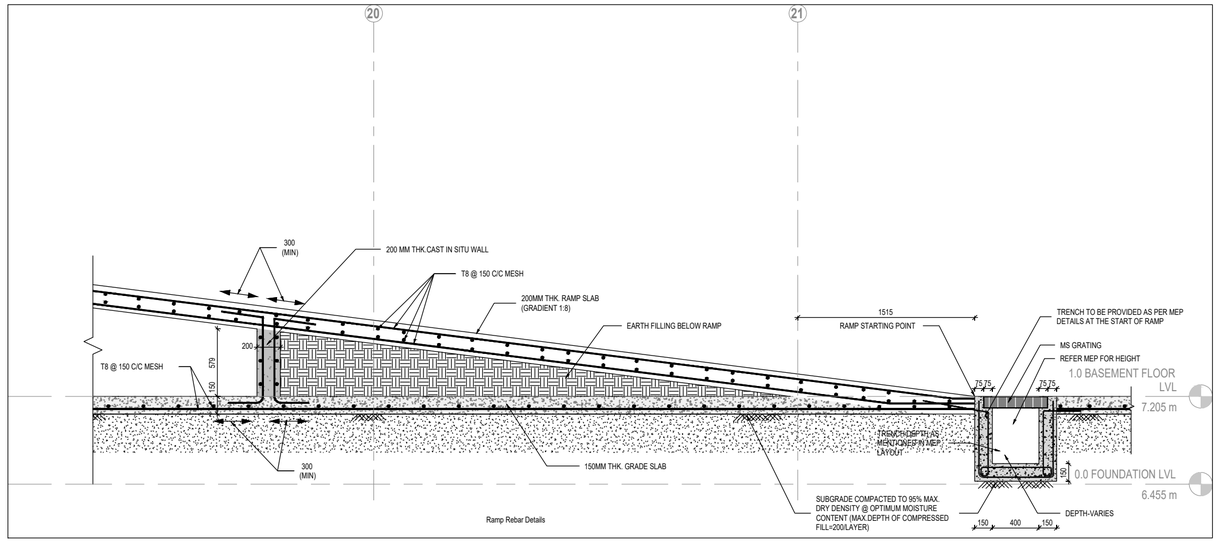
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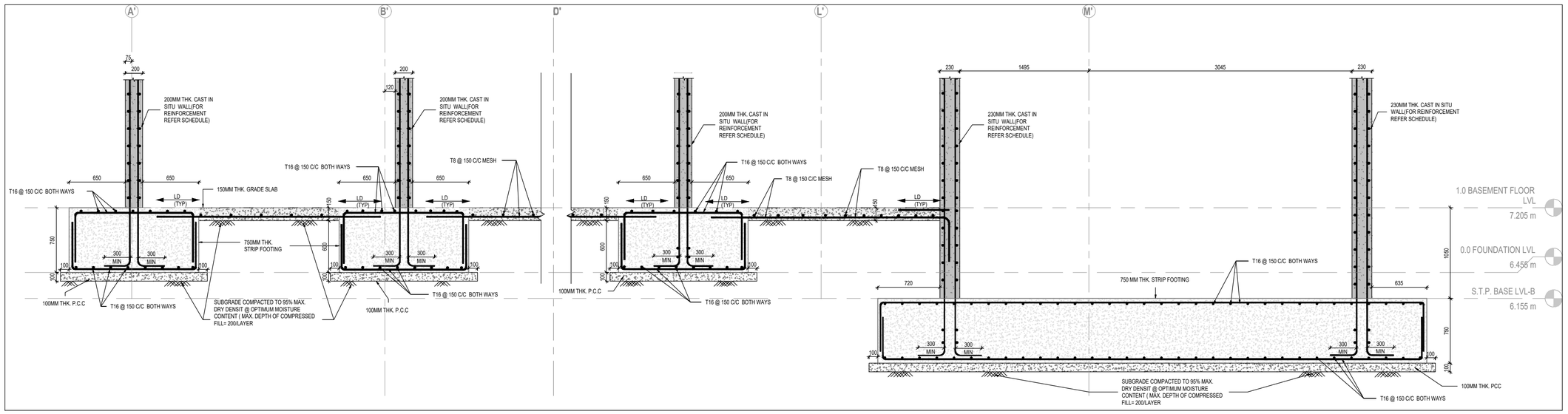
8. Read Complete Set of Drawings in relation to Present Drawing Sheet



Ramp Rebar Details

SECTION-6b

1 : 25



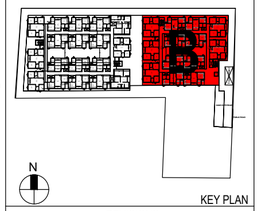
SECTION-7b

1 : 25

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REINFORCEMENT DETAILS-SECTIONS

16-04-2024



KEY PLAN

REVISIONS

REV NO.	DESCRIPTIONS	BY	DATE
6			
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3			
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1			
0	GOOD FOR CONSTRUCTION	VP	16-04-2024

OWNER:

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METIS STRUCTURES — re enforcing dream

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PROJECT:

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DRAWING TITLE:

REINFORCEMENT DETAILS-SECTIONS

PURPOSE OF ISSUE		DATE
GOOD FOR CONSTRUCTION		16-04-2024
DRW BY: VP	CHK BY: SK	APR BY: SL
PROJECT NO	SCALE	SHEET SIZE
253114	1:25	A1
DRAWING NUMBER		REV
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Smarter Tools, Stronger Decisions

Property Valuation & Cost Estimation

Guideline Value, Apartment Composite Value, Stamp Duty & Registration Fees Calculator, Building Value Calculator, Capital Gains Calculator, Area Unit Converter, Length Unit Converter

Ownership, Compliance & Legal Verification

Encumbrance Certificate (EC) Search, Find Your SRO, Temple Property Check, WAQF Property Check, View Patta/Chitta, View FMB, Patta Analyzer, EC Analyzer

Zoning & Land Use Analysis

Land Use Zone Finder, CRZ Zone Check, Aquifer Zone Check, CBA Check, EWS Check, Road Width Check, Proposed Road Widening Check, FSI Calculator

Property Documentation & Workflow Tools

Forms & Templates, Document Generator, Document Translation, Dictionary

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