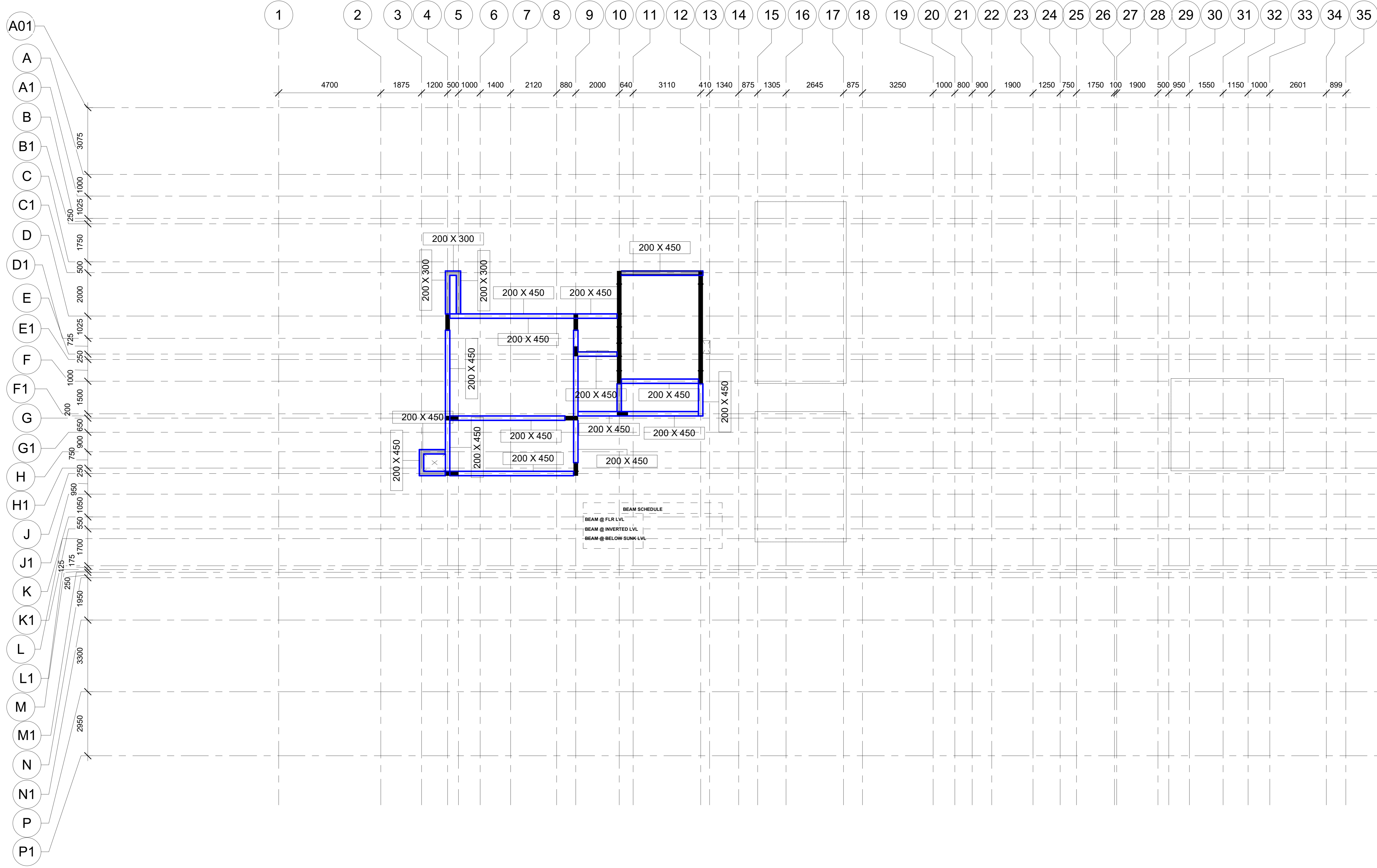
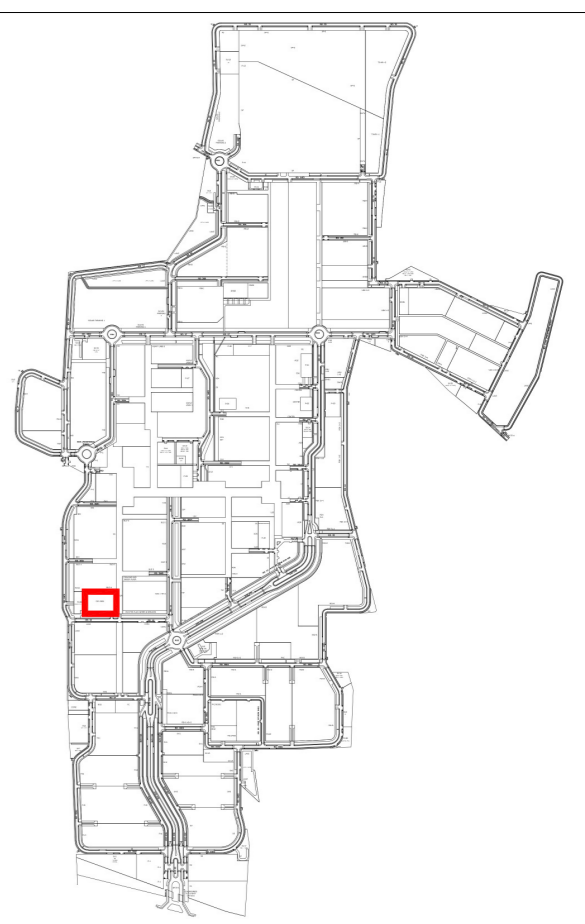


Sub-head (b)
STRUCTURAL DRAWINGS



NOTES

- Dimensions are not to be scaled.
- All dimensions are in millimeters unless stated otherwise.
- All work is to be in accordance with the Indian Standards.
- The contractor shall verify all dimensions, details, specifications & site conditions & shall report any variation to the design team before commencement of work.
- For construction purposes, the dimensions shall not be measured directly of the drawings, the drawings shall not be used for construction until they are issued for construction.
- These drawings are to be used for coordination with other disciplines: electrical, plumbing, etc.
- All other drawings should be provided to the design team for approval.
- Provide slip course on the bottom of all external, horizontal edges and surfaces (concrete, stone, plaster, etc.) as per dimensions and shape provided in detail.
- Shuttering pattern drawing to be provided to the contractor designer for approval.
- Vendor to provide shop drawing for the approval from the contractor designer.
- Shuttering elevation shop drawing to reflect the not locations. The rods should be equally spaced and aligned according to the shuttering pattern. Consider the rod dia 12mm and pitch core dia 30mm.



NOTE

REFER MASTER PLAN AND SITE PLAN FOR THE ABSOLUTE LEVEL OF THIS BUILDING.
 REFER MASTER PLAN AND SITE PLAN FOR THE CLUSTER AND NEIGHBOURHOOD PLANS.
 REFER ALL SERVICES AND STRUCTURAL DRAWINGS FOR COORDINATION.
 CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SCHEDULE LOCATION IN THE BEAMS WHERE EVER REQUIRED.
 SKIRTING TO BE CONSIDERED AS PER FINISHING SCHEDULE.

HATCH LEGEND

	EXPOSED CONCRETE
	NON EXPOSED CONCRETE
	CONCRETE BLOCK WORK
	AAC BLOCK WORK
	TERRACOTTA BRICK WALL
	100 MM SUNK
	600 MM SUNK
	750 MM SUNK
	900 MM SUNK
	350 MM SUNK
	1650 MM FILLING

STAMP

ISSUES

REVISION	DESCRIPTION	DATE

1. HATCHING DRAWING TO BE PROVIDED TO THE CONTRACTOR FOR APPROVAL.
 2. MEMBER TO PROVIDE SHOP DRAWING FOR THE APPROVAL FROM THE CONTRACTOR.

CLIENTS
 INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
 Director's Office
 Hyderabad Campus, Hyderabad
 Main: Dabolu, Andhra Pradesh - 502020

CAMPUS DESIGNER:
 ANSOOR ASSOCIATES PVT.LTD.
 A-14 Parkview Enclave, B.K.1
 New Delhi-110048
 Phone: 8112344239

CONCEPT ENGINEERING CONSULTANT:
 STRUCTURE CONSULTANTS:
 STRUCTURE CONSULTANTS:
 MEP CONSULTANTS:
 MEP CONSULTANTS:

Architect's Signature: _____ Client's Signature: _____

JOB TITLE:
 INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
 INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title:
 TERRACE FLOOR FRAMING

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

Job No. 202505 NORTH

Scale 1 : 100

15 SEPT 2025 Drawing No. DIR-AR-203-BML

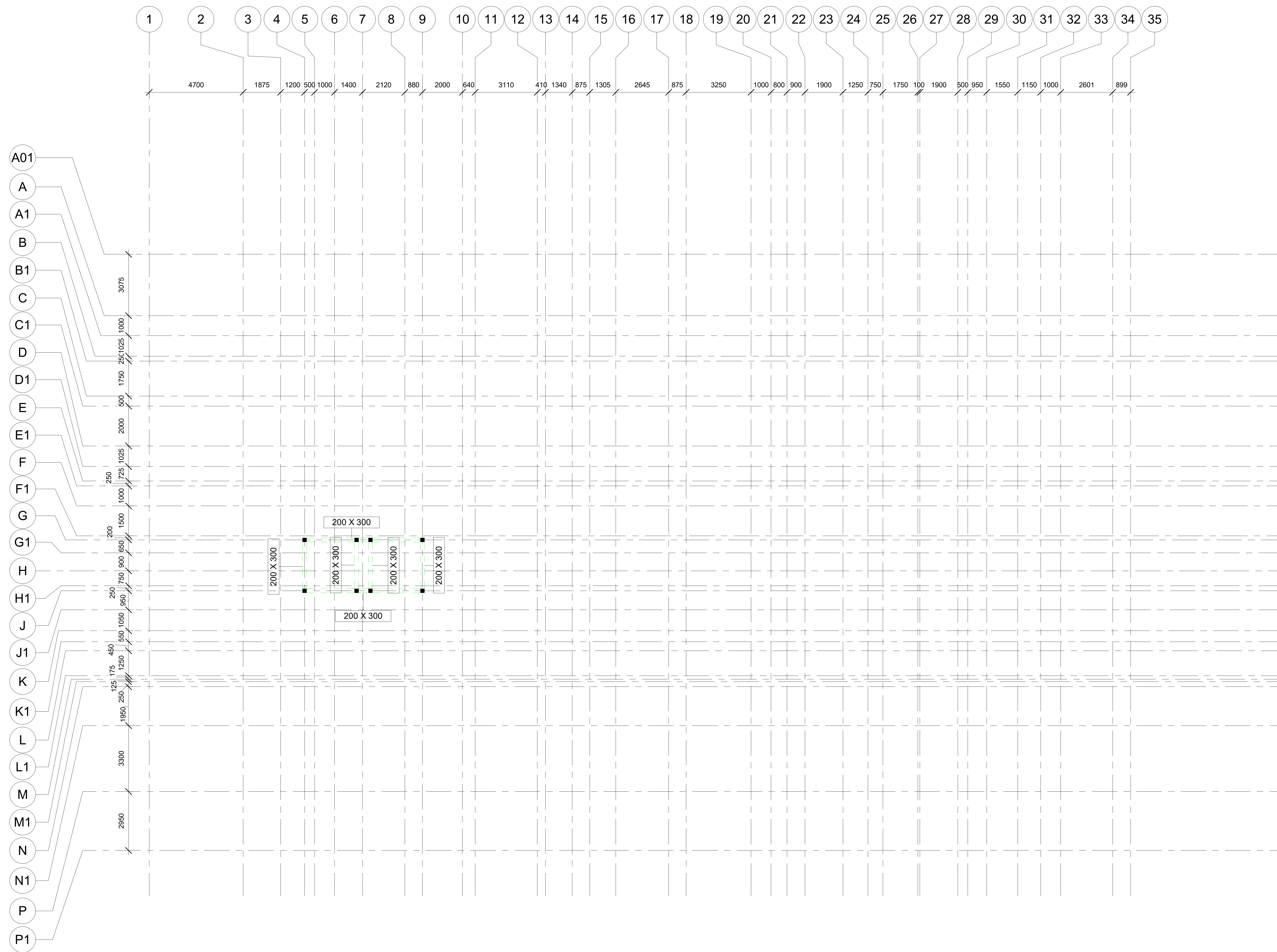
Drawn by: ASB

Checked by: SS Revision No. R0

AUTHORITY:

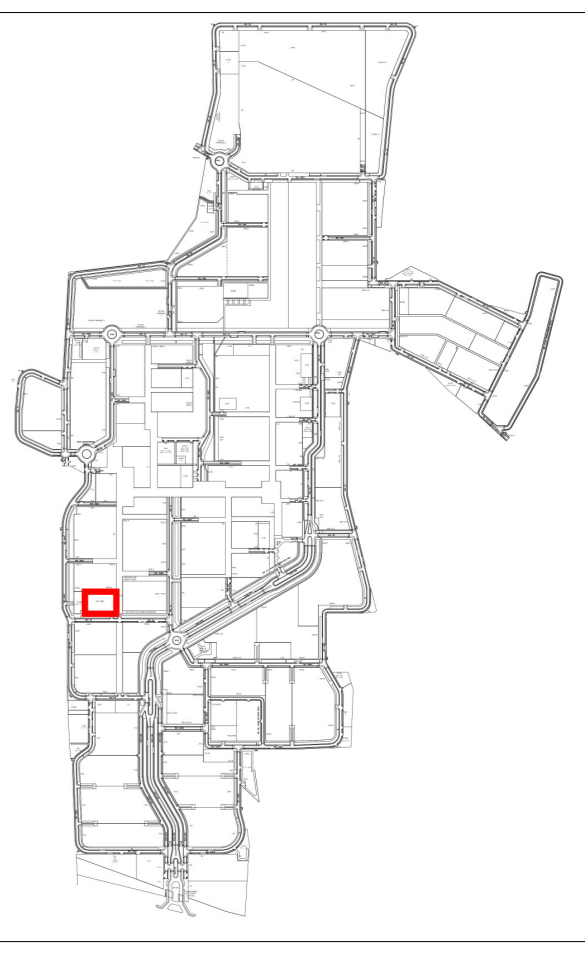
1 03_TERRACE
 1 : 100

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN



NOTES

- Dimensions are not to be scaled.
- All dimensions are in millimeters unless stated otherwise.
- 20 mm are in millimeters and shall be given in whole number.
- The contractor shall verify all dimensions, details, specifications & site conditions & shall report any error/variation/omission to the campus designer before commencement of work.
- For construction purposes, the dimensions shall not be measured directly of the drawings, the drawings shall not be used for construction until they are issued for construction.
- These drawings are to be used for coordination with other disciplines: electrical, plumbing, etc.
- All floor slabs shall be provided with reinforcement.
- Provide dip course on the bottom of all external, horizontal edges and surfaces (concrete, stone, plaster, etc.) as per dimensions and slopes provided in detail.
- Shuttering pattern drawing to be provided to the campus designer for approval.
- Vendor to provide shop drawing for the approval from the campus designer.
- Shuttering elevation shop drawing to reflect the rod locations. The rods should be equally spaced and aligned according to the shuttering pattern. Consider the rod per dia * 1/3rd and per cone dia/30th.



NOTE

REFER MASTER PLAN AND SITE PLAN FOR THE ABSOLUTE LEVEL OF THIS BUILDING.
 REFER MASTER PLAN AND SITE PLAN FOR THE CLUSTER AND NEIGHBOURHOOD PLANS.
 REFER ALL SERVICES AND STRUCTURAL DRAWINGS FOR COORDINATION.
 CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVES LOCATION IN THE BEAMS WHERE EVER REQUIRED.
 SKIRTING TO BE CONSIDERED AS PER FINISHING SCHEDULE.

HATCH LEGEND

	EXPOSED CONCRETE
	NON EXPOSED CONCRETE
	CONCRETE BLOCK WORK
	AAC BLOCK WORK
	TERRACOTTA BRICK WALL
	100 MM SUNK
	600 MM SUNK
	750 MM SUNK
	900 MM SUNK
	350 MM SUNK
	1650 MM FILLING

STAMP

ISSUES		
REVISION	DESCRIPTION	DATE

1. HATCHING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
 2. MEMBER TO PROVIDE SHOP DRAWING FOR THE APPROVAL FROM THE CAMPUS DESIGNER.

CLIENTS
 INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
 Research Campus, Project Office
 Hyderabad, Telangana-500076
 Mail: Dstnct_Archite_Plan@iitah.ac.in

CAMPUS DESIGNER:
 ANEEL ASSOCIATES PVT.LTD.
 A-16 Parkview Enclave, B.K.1
 New Delhi-110048
 Phone: 8112344289

CONCEPT ENGINEERING CONSULTANT:
 STRUCTURE CONSULTANTS:
 STRUCTURAL CONSULTANTS: MODERN-4@10101166
MEP CONSULTANTS:
 STELLAR-INDIA-NEW DELHI

Architect's Signature: _____ Client's Signature: _____

JOB TITLE:
 INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
 INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX
 Drawing Title
OVER HEAD TANK FRAMING

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

Job No. 202505 NORTH

Scale 1 : 100

15 SEPT 2025 Drawing No. DIR-AR-204-BML

Drawn by ASB

Checked by SS Revision No. R0

AUTHORITY:

1 04_OVER HEAD TANK
 1 : 100

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

NOTES

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

2. DO NOT SCALE THE DRAWING FOLLOW FIGURED DIMENSIONS ONLY.

3. READ THIS DRG. ALONG WITH ARCHITECTURAL DRG. IN CASE OF ANY DISCREPANCY BEING NOTED IT SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.

4. THE CLEAR COVER SHOWN IN TABLE BELOW SHALL BE FROM THE OUTER FACE OF THE STRUCTURAL ELEMENT TO THE MAIN REINFORCEMENT IN CASE OF FOOTINGS, SLABS & TO THE STIRRUPS FOR COLUMNS & BEAMS.

5. THE CLEAR COVER SHOWN IN TABLE BELOW SHALL BE FROM THE MAIN REINFORCEMENT IN CASE OF FOOTINGS, SLABS & TO THE STIRRUPS FOR COLUMNS & BEAMS.

GENERAL NOTE:

1. ALL DIMENSIONS ARE IN MM ONLY, UNLESS OTHERWISE SPECIFIED.

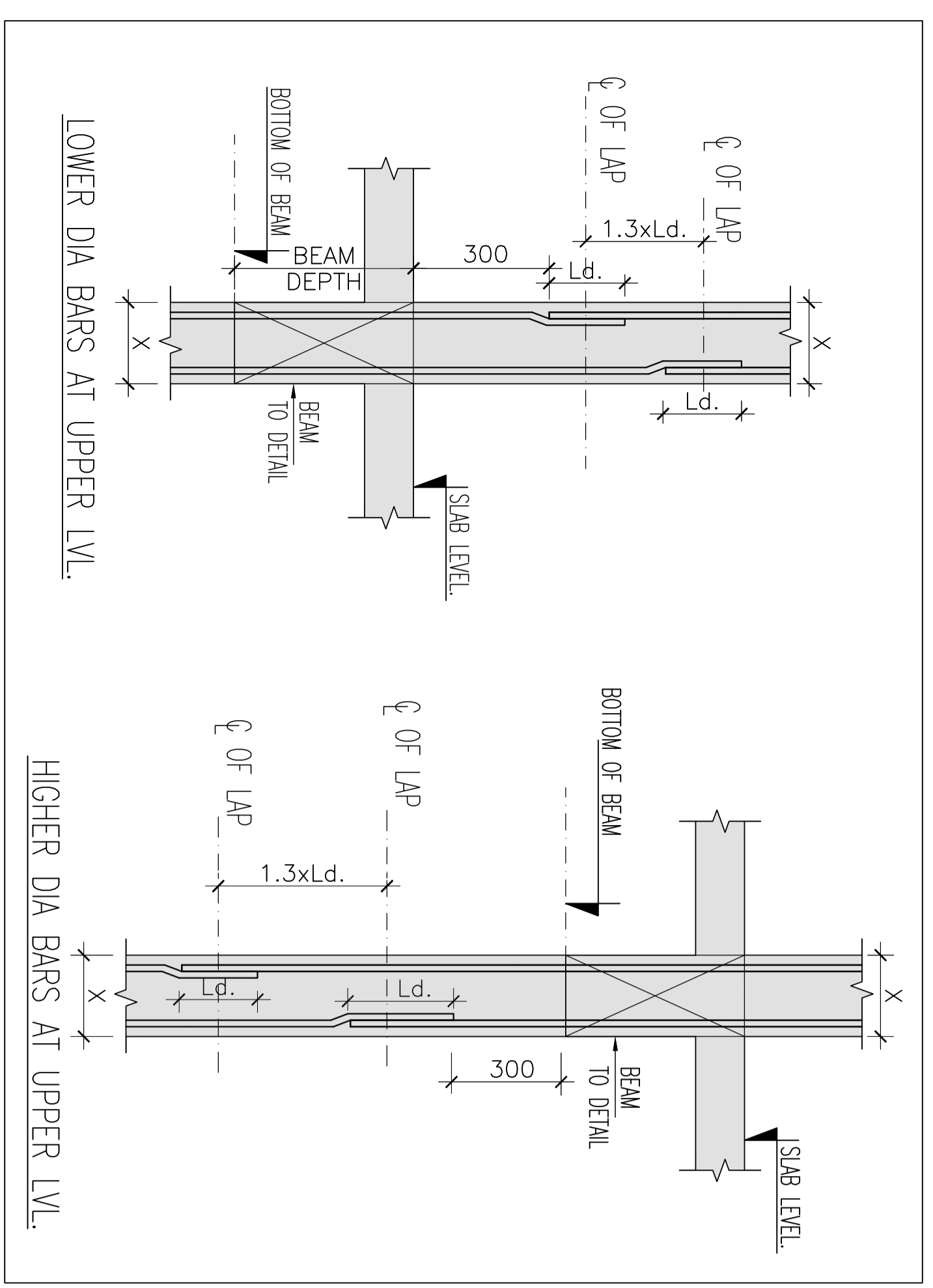
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3. READ THIS DRG. ALONG WITH ARCHITECTURAL DRG. IN CASE OF ANY DISCREPANCY BEING NOTED IT SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.

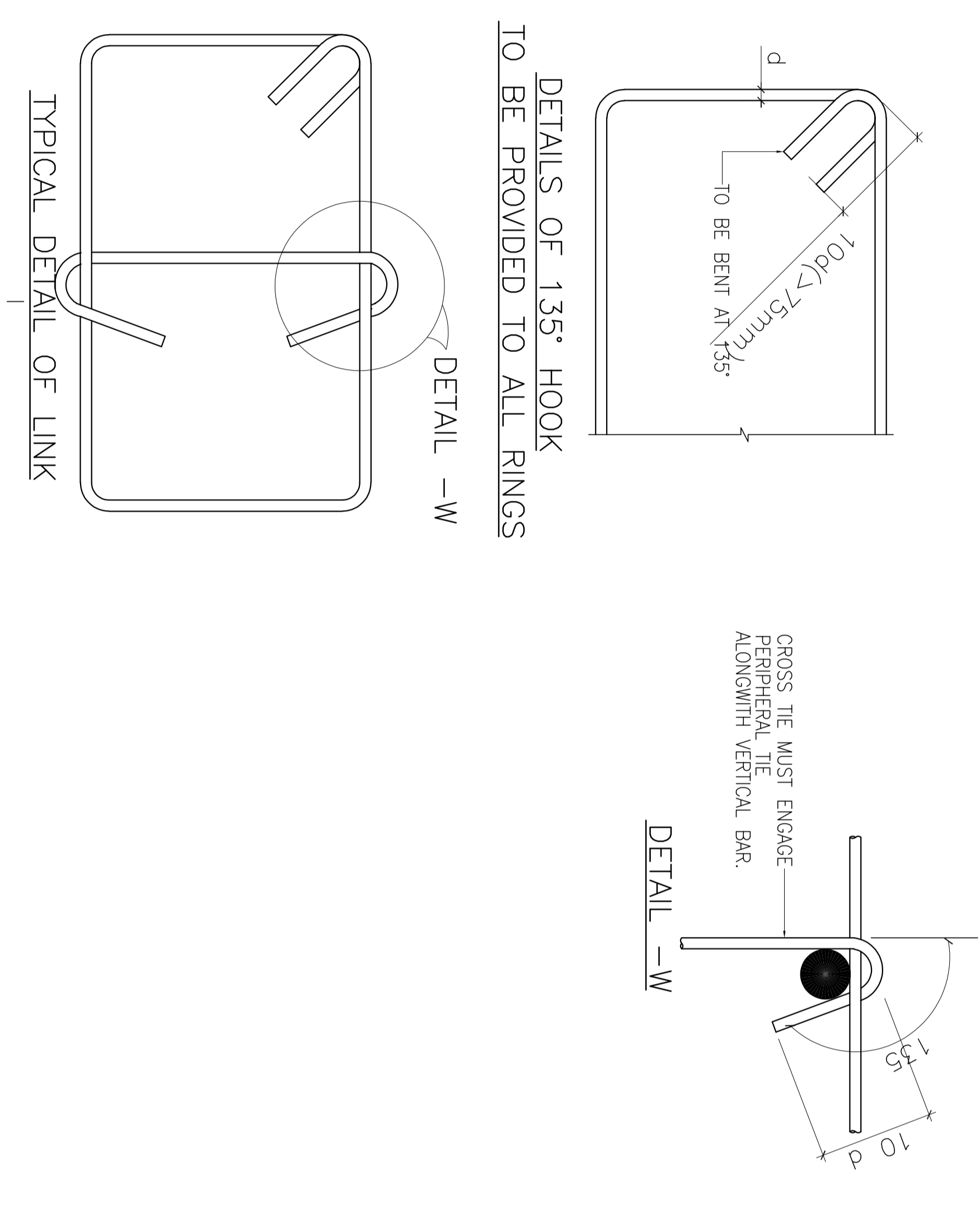
4. THE CLEAR COVER SHOWN IN TABLE BELOW SHALL BE FROM THE OUTER FACE OF THE STRUCTURAL ELEMENT TO THE MAIN REINFORCEMENT IN CASE OF FOOTINGS, SLABS & TO THE STIRRUPS FOR COLUMNS & BEAMS.

5. THE CLEAR COVER SHOWN IN TABLE BELOW SHALL BE FROM THE MAIN REINFORCEMENT IN CASE OF FOOTINGS, SLABS & TO THE STIRRUPS FOR COLUMNS & BEAMS.

TERRACE FLOOR TO LMR/OHT LVL		
COL. REINFORCEMENT	• 10Q16	• 8Q16
COL. STIRRUPS	88@200/c	88@200/c
COL. SIZE	200x600	200x600
CONC. MIX	M-25	M-25
FIRST FLOOR TO TERRACE FLOOR		
COL. REINFORCEMENT	• 8Q16	• 8Q16
COL. STIRRUPS	88@200/c	88@200/c
COL. SIZE	200x450	200x450
CONC. MIX	M-25	M-25
FOUNDATION TO FIRST FLOOR		
COL. REINFORCEMENT	① • 8Q16	② • 8Q16
COL. STIRRUPS	88@200/c	88@200/c
COL. SIZE	200x450	200x450
CONC. MIX	M-25	M-25
COL. MAR	SW3	SW4



NOTE:- WHEN HIGHER AND LOWER DIA BARS LAPPING, LAP LENGTH SHALL BE CALCULATED WITH LOWER DIA BAR



NOTE:- FOR LEVELS & MARKING REFER ARCH DRAWING

FOR APPROVAL
27 MAY 2026
STEADFAST
STRUCTURAL CONSULTANTS
INTERIORS

FOUNDATION

OHT/LMR
TERRACE
FF
PB GF

REVISION	DESCRIPTION	DATE

Architect's Signature: _____
Client's Signature: _____

1. CONSULTANT SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE CLIENT AND THE CONSULTANT SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE CLIENT.

2. CONSULTANT SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE CLIENT AND THE CONSULTANT SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE CLIENT.

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FOUNDATION DETAILS & COLUMN SCHEDULE - 02

Document Reference For TENDER GOOD FOR CONSTRUCTION

Job No. 202606 NORTH

Scale 1:100

Date 27.05.2026

Drawn By CAR

Checked By MNS

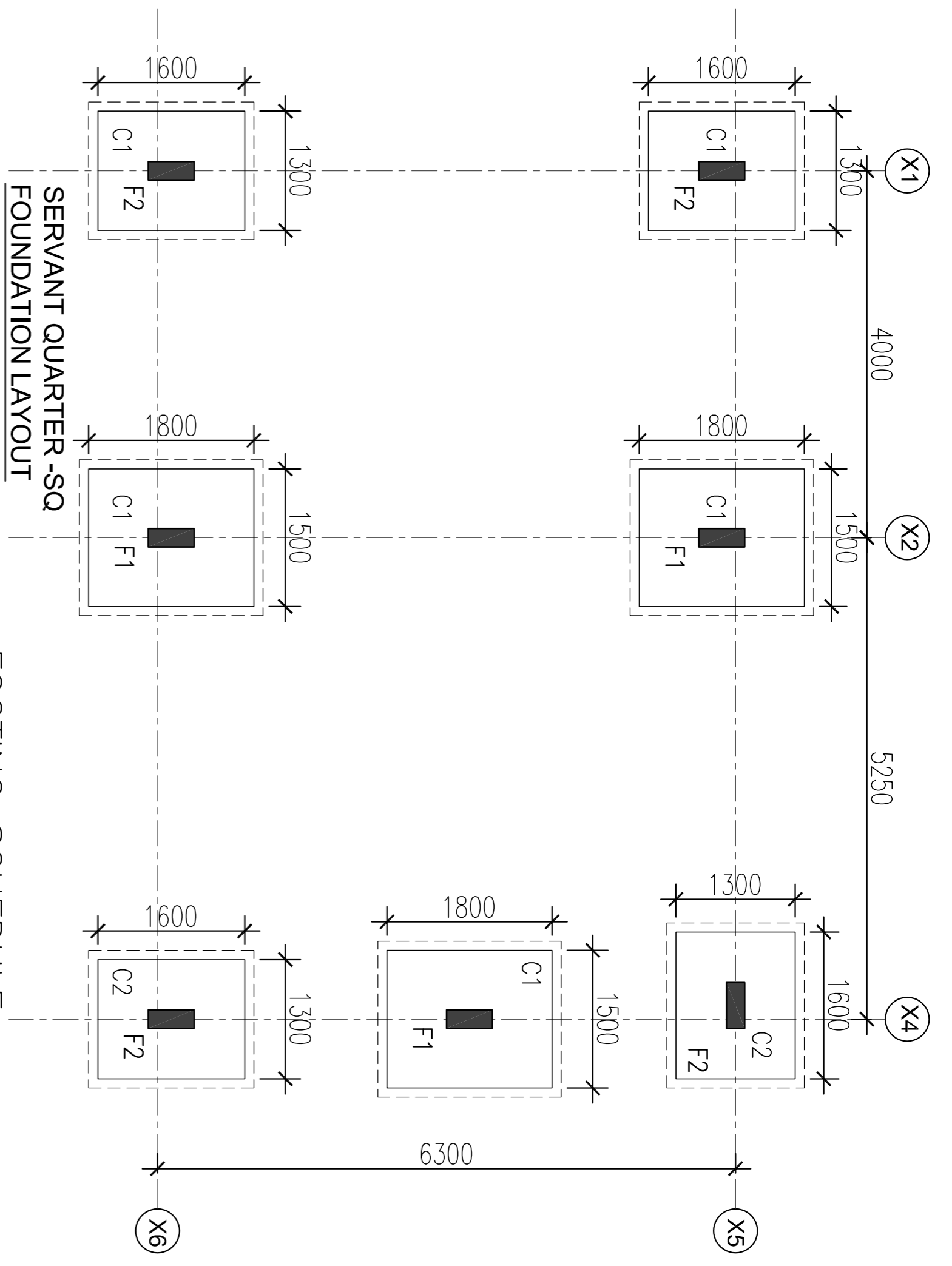
Foundation No. 02

Sheet No. 02

Project No. 02

Revision No. 02

ITEM	GRADE OF CONCRETE	GRADE OF STEEL	CLEAR COVER
COLUMNS	M25	F500	40 mm
FOUNDATIONS	M25	F500	50 mm
WALLS	M25	F500	40 mm

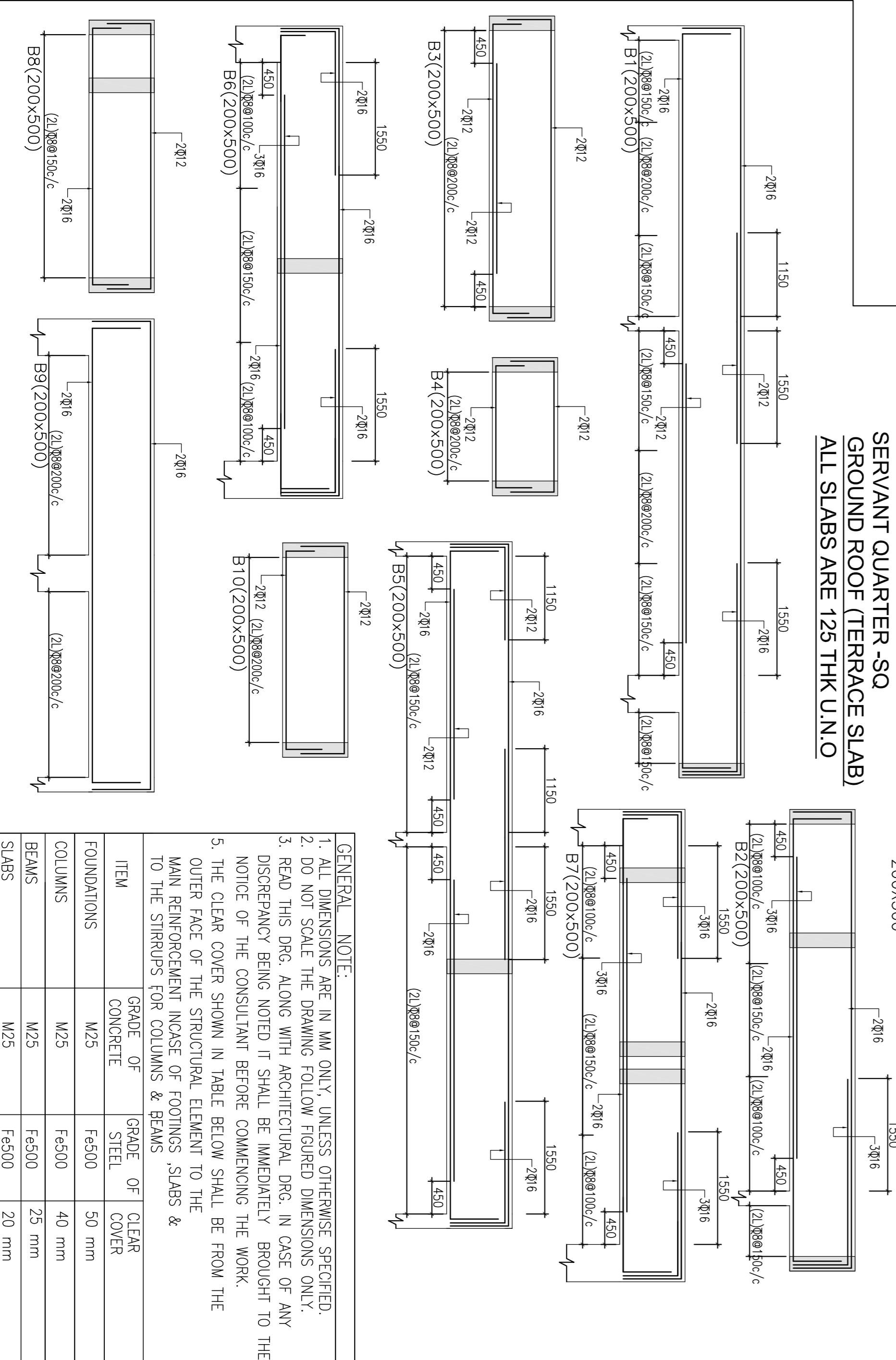
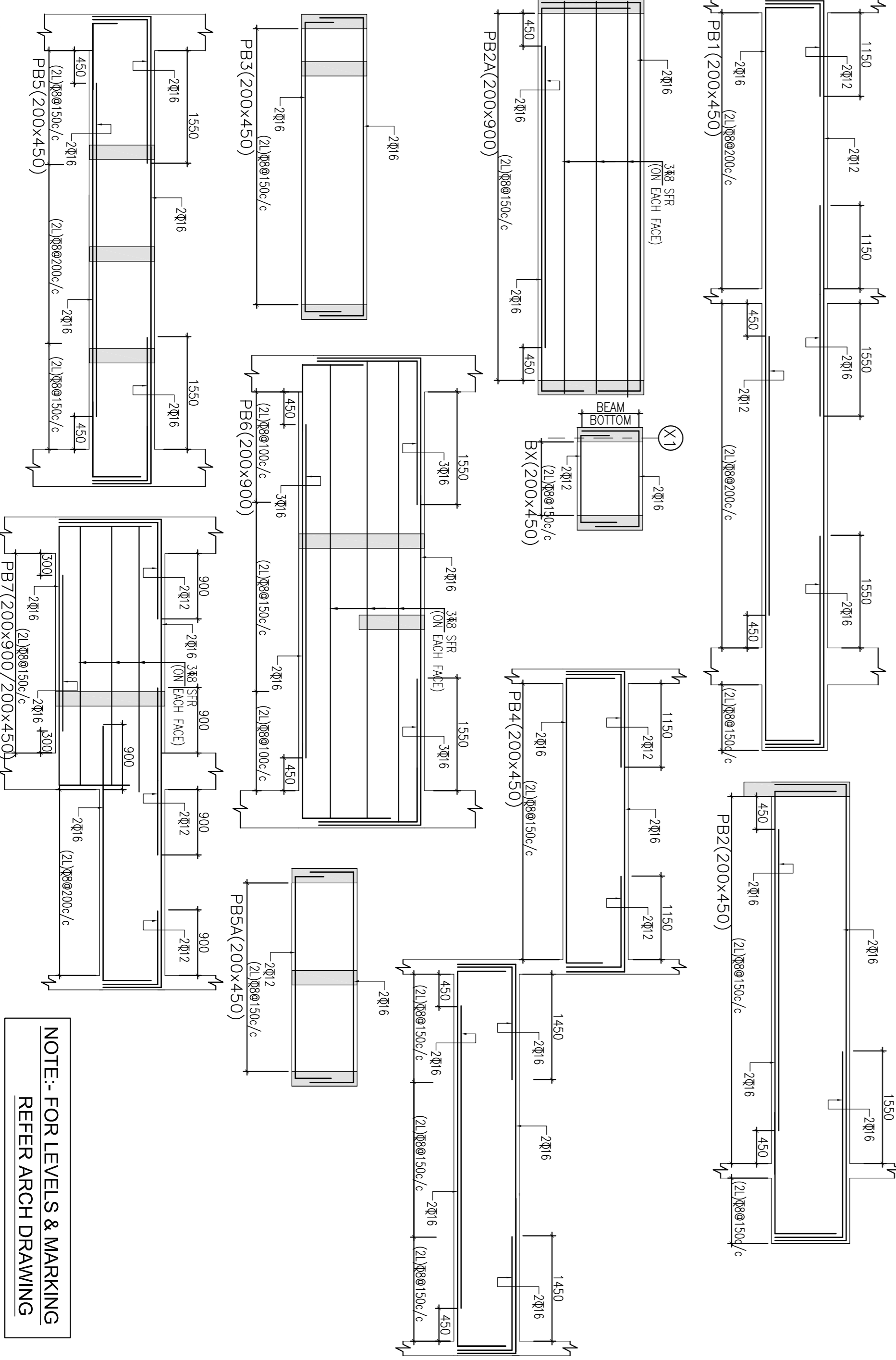
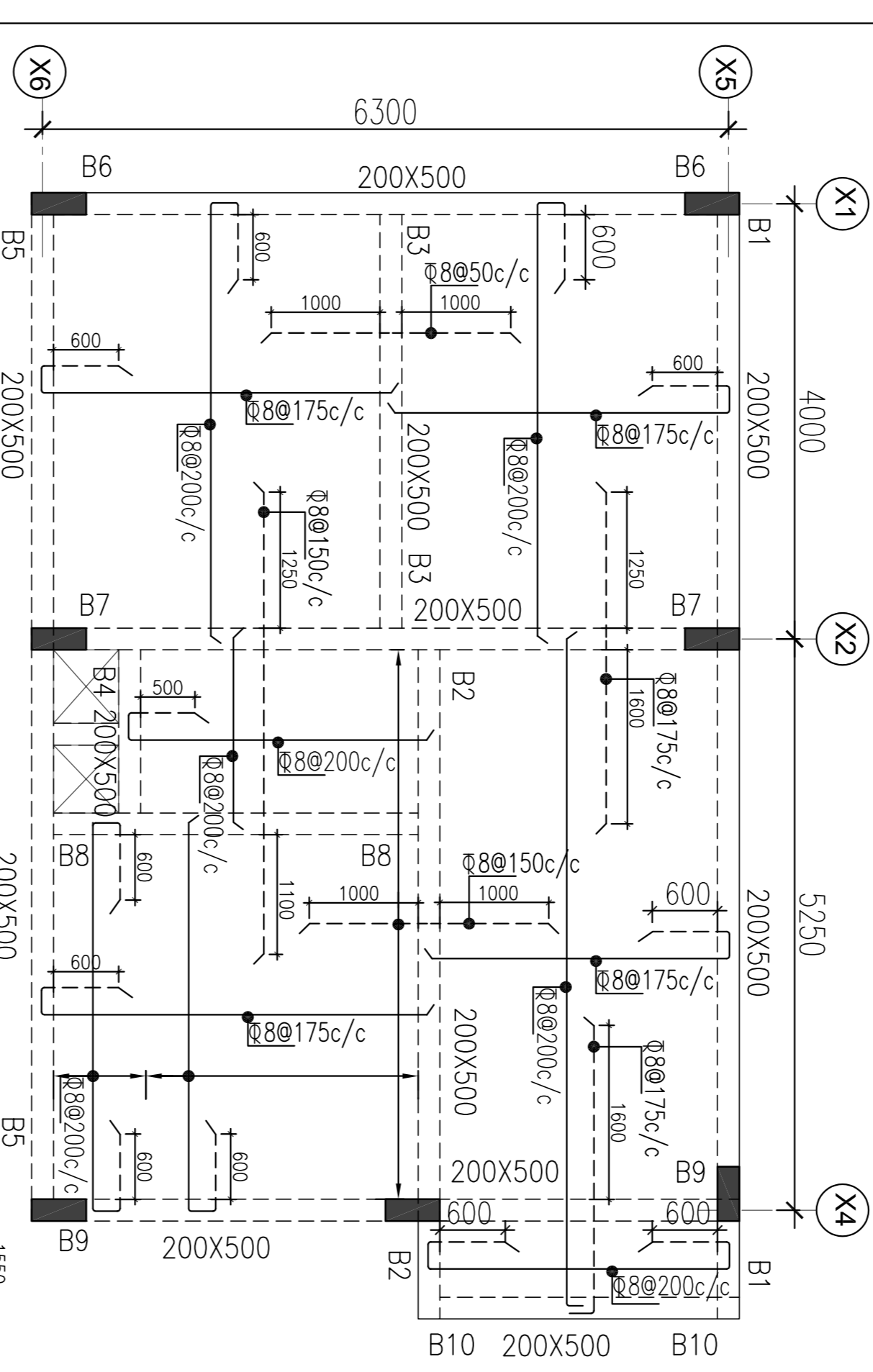
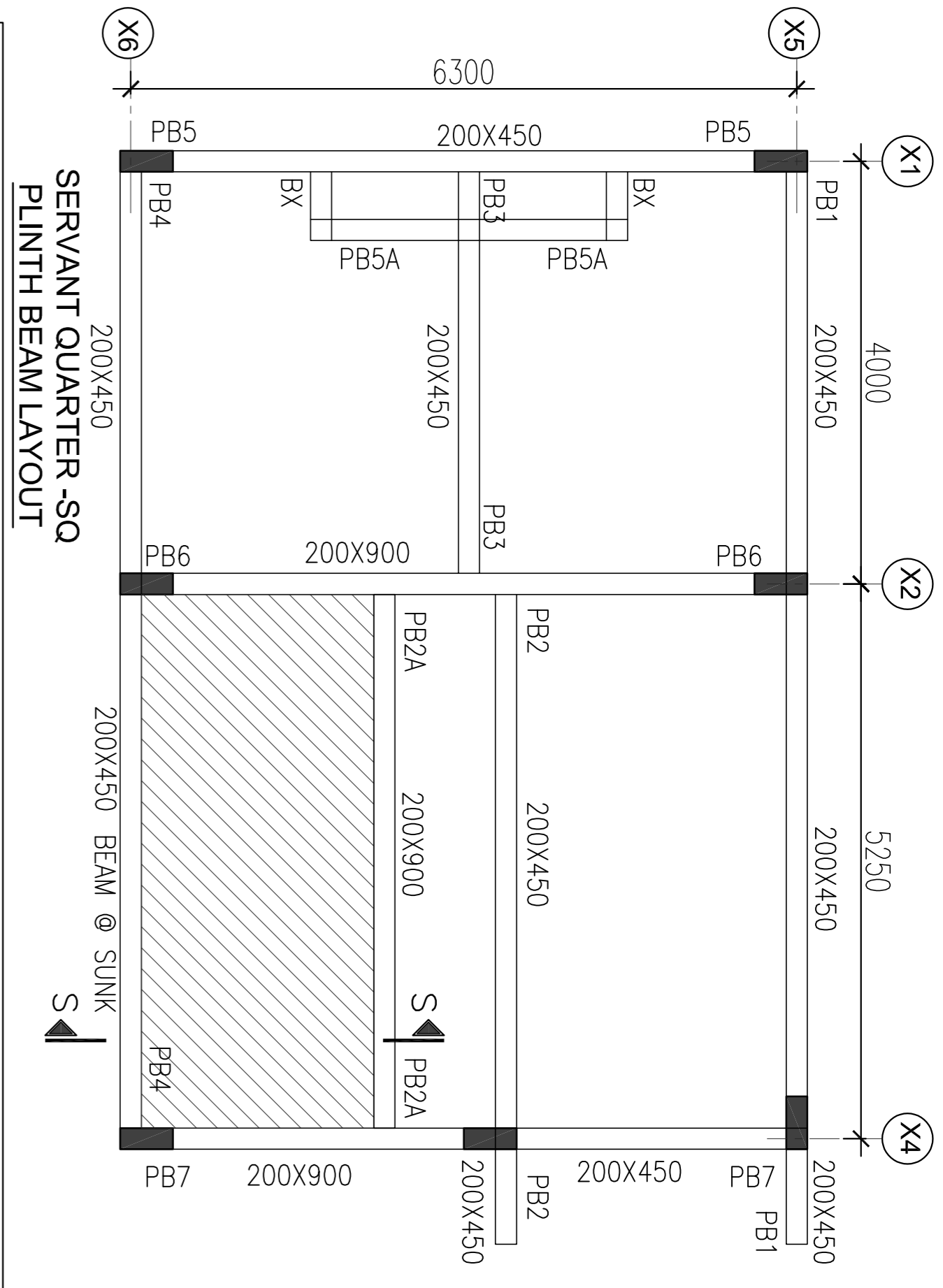
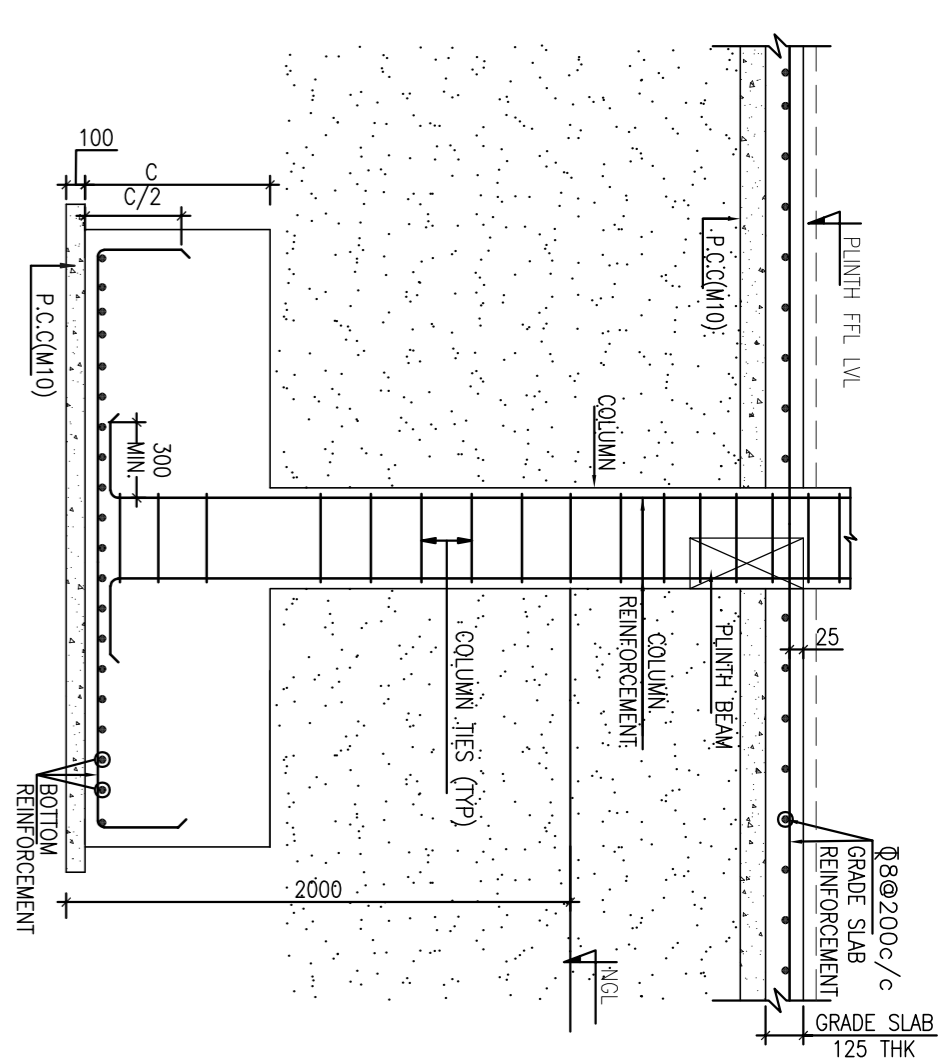
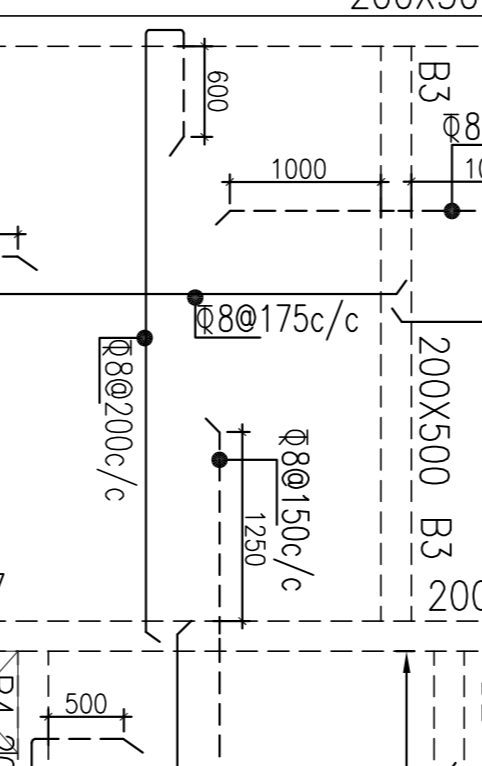
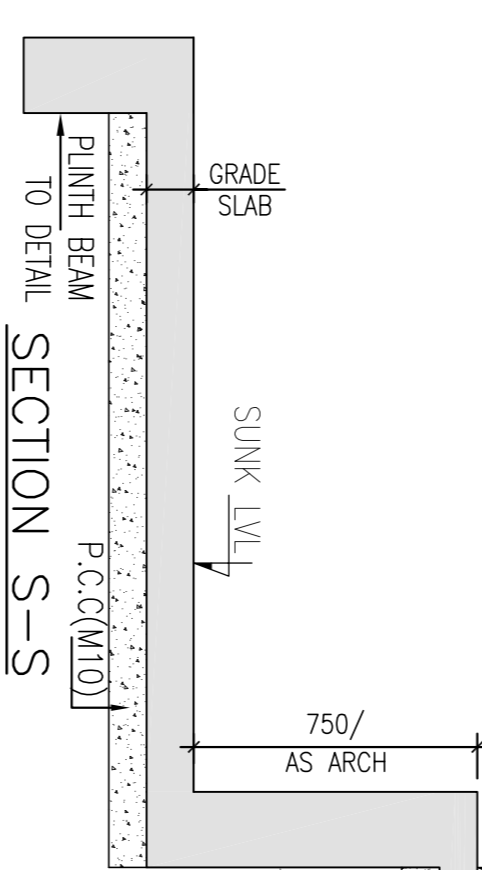
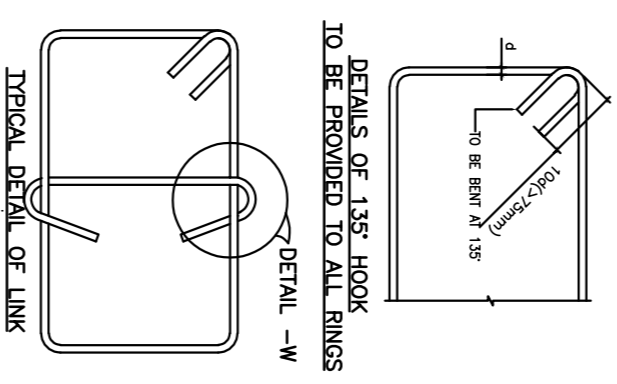


FOOTING SCHEDULE:-

Mark	FOOTING SIZE (A x B)	DEPTH (C)	BOTTOM REINFORCEMENT BOTH WAYS
F1	1500x1800	400	110@100c/c
F2	1300x1600	400	110@150c/c

FOUNDATION TO GROUND ROOF

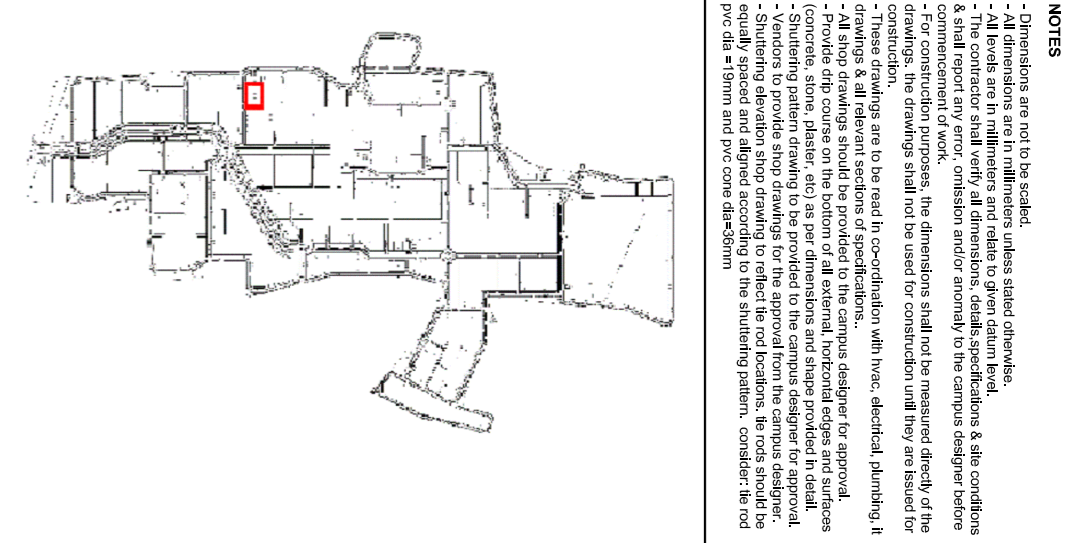
COL. REINFORCEMENT	• 8@16	• 4@16+4@12
COL. STIRRUPS	• 8@200c/c	• 8@200c/c
COL. SIZE	200x500	200x500
CONC. MIX	M-25	M-25
COL. MAR	C1	C2

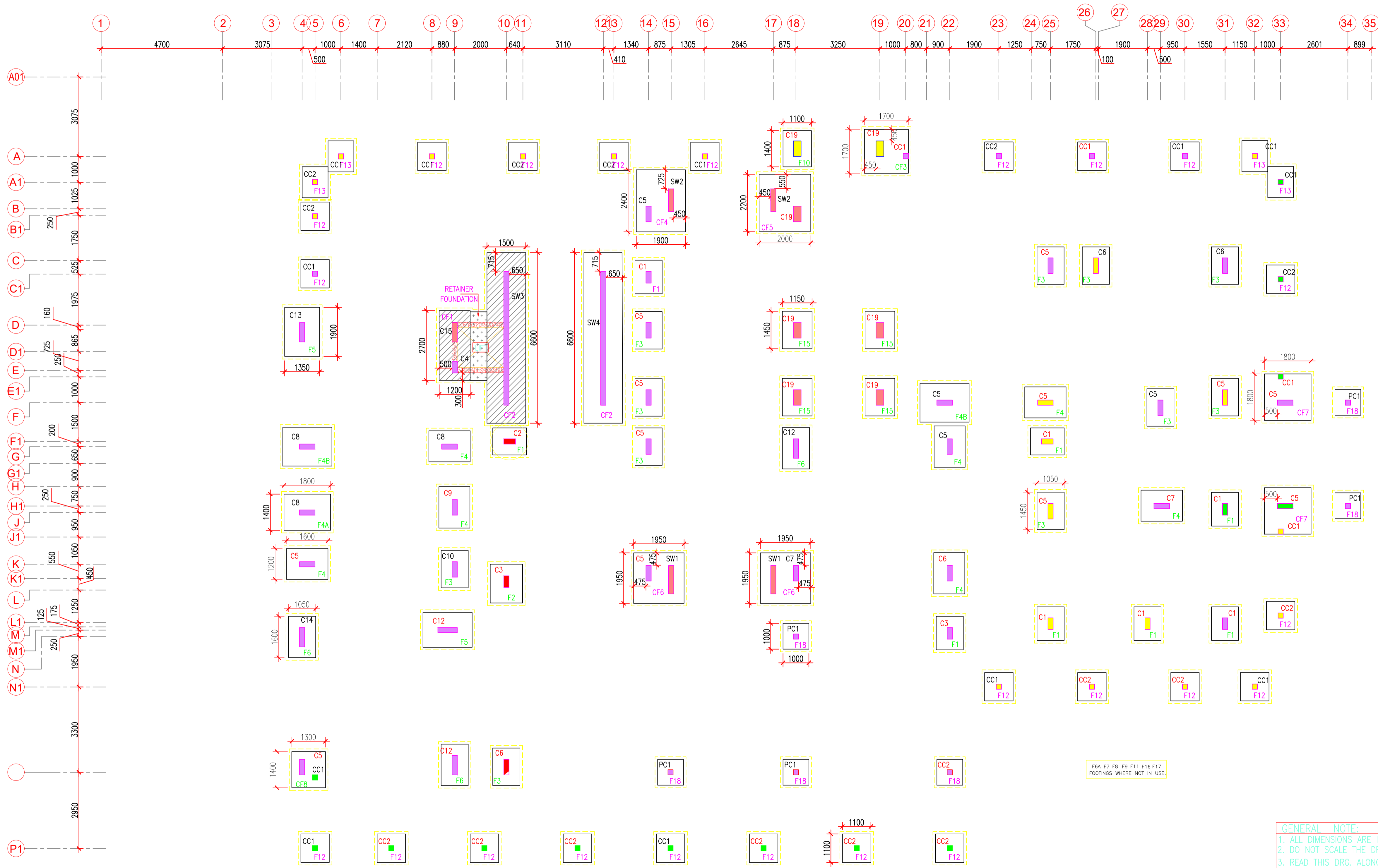


GENERAL NOTE:-

1. ALL DIMENSIONS ARE IN MM ONLY UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE THE DRAWING FOLLOW FIGURED DIMENSIONS ONLY.
3. READ THIS DRG. ALONG WITH ARCHITECTURAL DRG. IN CASE OF ANY DISCREPANCY BEING NOTED IT SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.
4. THE CLEAR COVER SHOWN IN TABLE BELOW SHALL BE FROM THE OUTER FACE OF THE STRUCTURAL ELEMENT TO THE MAIN REINFORCEMENT IN CASE OF FOOTINGS, SLABS & TO THE STIRRUPS FOR COLUMNS & BEAMS.

ITEM	GRADE OF CONCRETE	GRADE OF STEEL	CLEAR COVER
FOUNDATIONS	M25	F4500	50 mm
COLUMNS	M25	F5000	40 mm
BEAMS	M25	F5000	25 mm
SLABS	M25	F4500	20 mm





FOUNDATION LAYOUT FOUNDATION @ LOWER LEVEL

NOTE:-
 1. STRUCTURE IS DESIGNED FOR G+1 UPPER FLOORS
 2. SBC IS TAKEN AS 30 T/SQM @ 2.0 m BELOW NGL.

NOTE:- FOR LEVELS & MARKING REFER ARCH DRAWING

NOTES
 - Dimensions are not to be scaled.
 - All dimensions are in millimeters unless stated otherwise.
 - All levels are in millimeters and refer to mean datum level.
 - The contractor shall verify all dimensions, details, specifications & site conditions & shall report any error, omission and/or anomaly to the project designer before commencement of work.
 - For construction purposes, the dimensions shall not be measured directly of the drawings, the drawings shall not be used for construction until they are issued for construction.
 - These drawings are to be read in coordination with final, electrical, plumbing, etc. drawings & all relevant sections of specifications.
 - All work shall be done in accordance with the approved drawings & specifications.
 - Provide dig course on the bottom of all external, horizontal edges and surfaces (horizontal, vertical, plaster and) in per dimensions and shape provided.
 - Shuttering pattern drawing to be provided to the project designer for approval.
 - Contractors shall provide shop drawings for the approval from the project designer.
 - Shuttering dimension shown drawing to reflect the not locations, the rods should be equally spaced and aligned according to the shuttering pattern, consider the rod dia = 18mm and PVC cone dia=30mm.

NOTE:
 - REFER MASTER PLAN AND SITE PLAN FOR THE ABSOLUTE LEVEL OF THE BUILDING.
 - REFER MASTER PLAN AND SITE PLAN FOR THE CLUSTER AND NEIGHBORHOOD PLAN.
 - REFER ALL SERVICES AND STRUCTURAL DRAWINGS FOR CO-ORDINATION.
 - CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVES LOCATION IN THE BEAMS WHERE EVER REQUIRED.
 - SHUTTERING TO BE CONSIDERED SIMILAR TO THE FLOOR FINISH OF THE SPACE.

OHT/LMR
 TERRACE
 FF
 PB GF
 FOUNDATION

FOR APPROVAL
 27 MAY 2026
 STEADFAST
 STRUCTURAL CONSULTANTS
 HYDERABAD

STAMP

ISSUES		
REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CLUSTER DESIGNER FOR APPROVAL.
 2. CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVES LOCATION IN THE BEAMS WHERE EVER REQUIRED.
 CLIENTS: NEERAN INSTITUTE OF TECHNOLOGY, HYDERABAD

CAMPUS DESIGNER:
 ARCP ASSOCIATES PVT.LTD
 4-15, Keshavnagar, G.R. 1
 New Delhi - 110028
 Phone: 011-26460000

CONCEPT ENGINEERING CONSULTANT:
 STRUCTURE CONSULTANTS:
 INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX
 MEP CONSULTANTS:
 STEELAR PRAJ, NEW DELHI

Architect's Signature: _____ Client's Signature: _____

JOB TITLE: INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX
Drawing Title: FOUNDATION LAYOUT

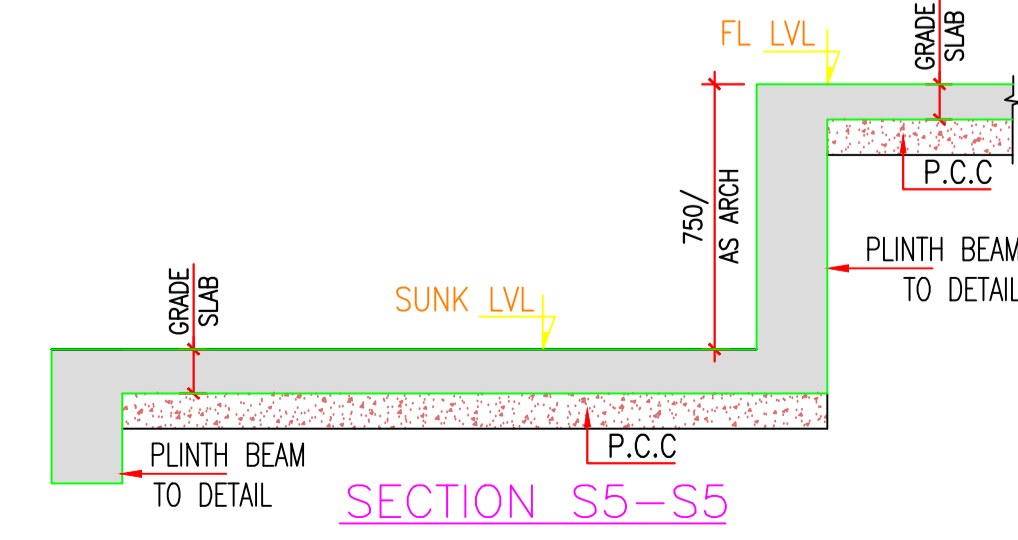
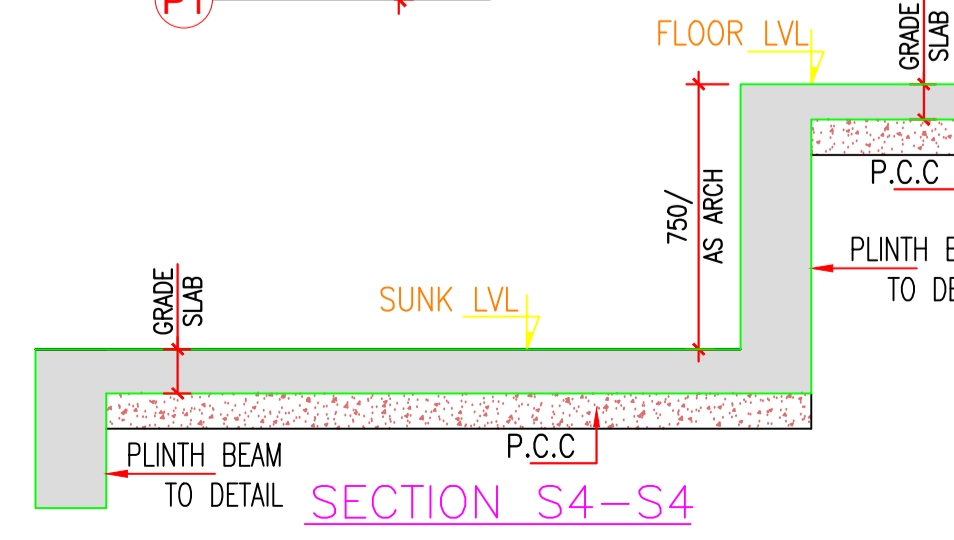
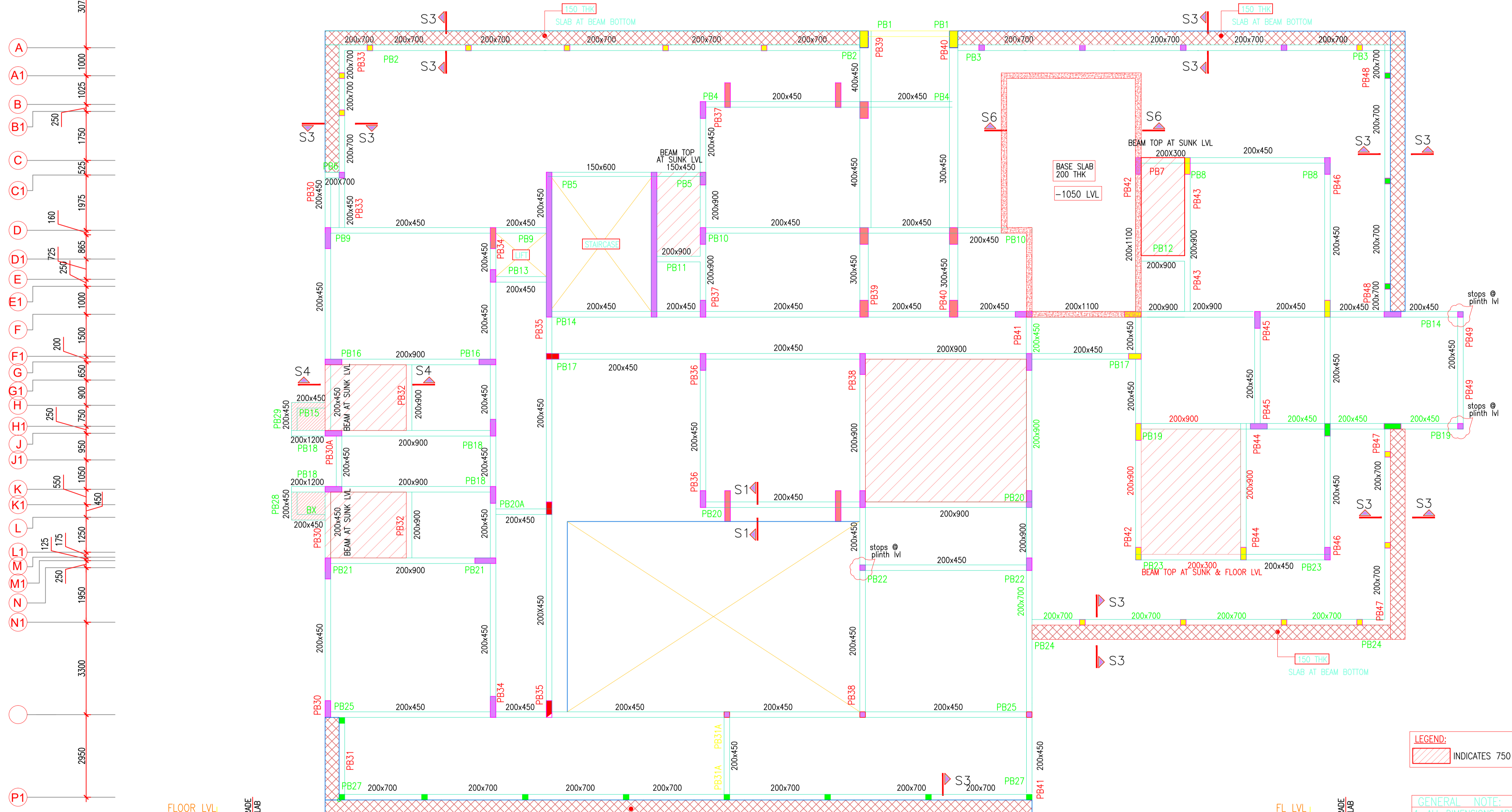
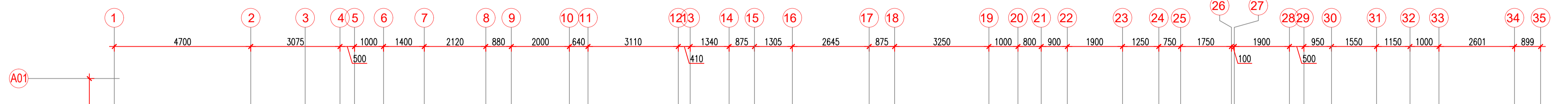
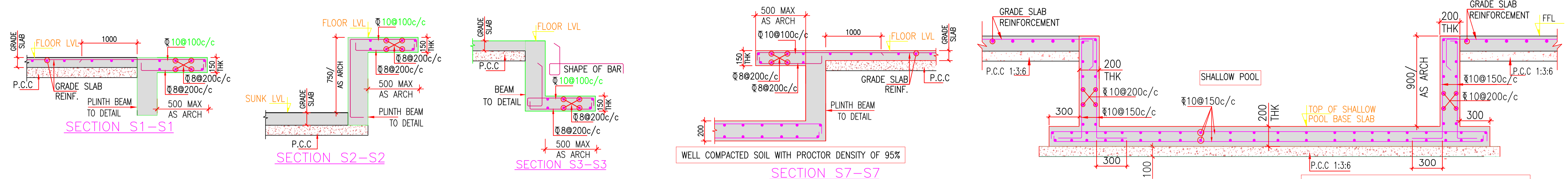
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 Job No: 2025/05 NORTH
 Scale: 1:100

Date: 27.05.2026 Drawing No: DIR-ST-161
 Drawn by: OMR
 Checked by: MMS Revision No: 00

Authority: _____

GENERAL NOTE:
 1. ALL DIMENSIONS ARE IN MM ONLY, UNLESS OTHERWISE SPECIFIED.
 2. DO NOT SCALE THE DRAWING FOLLOW FIGURED DIMENSIONS ONLY.
 3. READ THIS DRG. ALONG WITH ARCHITECTURAL DRG. IN CASE OF ANY DISCREPANCY BEING NOTED IT SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.
 5. THE CLEAR COVER SHOWN IN TABLE BELOW SHALL BE FROM THE OUTER FACE OF THE STRUCTURAL ELEMENT TO THE MAIN REINFORCEMENT IN CASE OF FOOTINGS, SLABS & TO THE STIRRUPS FOR COLUMNS & BEAMS

ITEM	GRADE OF CONCRETE	GRADE OF STEEL	CLEAR COVER
COLUMNS	M25	Fe500	40 mm
FOUNDATIONS	M25	Fe500	50 mm
WALLS	M25	Fe500	40 mm



NOTE:- FOR LEVELS & MARKING REFER ARCH DRAWING

LEGEND:
 INDICATES 750 SUNK

GENERAL NOTE:
 1. ALL DIMENSIONS ARE IN MM ONLY, UNLESS OTHERWISE SPECIFIED.
 2. DO NOT SCALE THE DRAWING FOLLOW FIGURED DIMENSIONS ONLY.
 3. READ THIS DRG. ALONG WITH ARCHITECTURAL DRG. IN CASE OF ANY DISCREPANCY BEING NOTED IT SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.
 5. THE CLEAR COVER SHOWN IN TABLE BELOW SHALL BE FROM THE OUTER FACE OF THE STRUCTURAL ELEMENT TO THE MAIN REINFORCEMENT IN CASE OF FOOTINGS, SLABS & TO THE STIRRUPS FOR COLUMNS & BEAMS

ITEM	GRADE OF CONCRETE	GRADE OF STEEL	CLEAR COVER
PLINTH BEAMS	M25	Fe500	25 mm
GRADE SLABS	M25	Fe500	20 mm

NOTES:
 - Dimensions are not to be scaled.
 - All dimensions are in millimeters unless stated otherwise.
 - All levels are in millimeters and refer to given datum level.
 - The contractor shall verify all dimensions, details, specifications & site conditions & shall report any error, omission and/or discrepancy to the consultant before commencement of work.
 - For construction purposes, the dimensions shall not be measured directly from the drawings, the drawings shall not be used for construction until they are issued for construction.
 - These drawings are to be read in consultation with final, electrical, plumbing, etc. drawings & all relevant sections of specifications.
 - All drawings shall be approved by the consultant before construction.
 - Provide dig course on the bottom of all external, horizontal edges and surfaces (foundations, walls, plaster and so on) per dimensions and shape provided by designer.
 - Shuttering pattern drawing to be provided to the contractor for approval.
 - Contractors should coordinate services and provide the sleeve location in the beams where ever required.
 - Shuttering dimension should be provided to reflect the net location, the rods should be equally spaced and aligned according to the shuttering pattern, consider the rod dia = 18mm and PVC core dia=30mm.

NOTE:
 - REFER MASTER PLAN AND SITE PLAN FOR THE ABSOLUTE LEVEL OF THE BUILDING.
 - REFER MASTER PLAN AND SITE PLAN FOR THE CLUSTER AND RESIDENTIAL BLOCK PLAN.
 - REFER ALL SERVICES AND STRUCTURAL DRAWINGS FOR CO-ORDINATION.
 - CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVE LOCATION IN THE BEAMS WHERE EVER REQUIRED.
 - SHUTTERING TO BE CONSIDERED SIMILAR TO THE FLOOR FINISH OF THE SPACE.

FOR APPROVAL
 27 MAY 2026
 STEADFAST
 STRUCTURAL CONSULTANTS
 HYDERABAD

STAMP

ISSUES		
REVISION	DESCRIPTION	DATE

CLIENTS:
 INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD

CAMPUS DESIGNER:
 ARCP ASSOCIATES PVT.LTD
 4-15 Park Street, 5th Fl
 New Delhi 110002
 Phone: 011-26460000

CONCEPT ENGINEERING CONSULTANT:
 STRUCTURE CONSULTANTS:
 STEADFAST STRUCTURAL CONSULTANTS, HYDERABAD 4810010006
 MEP CONSULTANTS:
 STELLAR PEDIA, NEW DELHI

Architect's Signature: _____ Client's Signature: _____

JOB TITLE:
 INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
 INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title:
 FRAMING PLAN & SLAB REINFORCEMENT AT PLINTH

Document Release Type:
 TENDER / GOOD FOR CONSTRUCTION

Job No.: 2023/05 NORTH

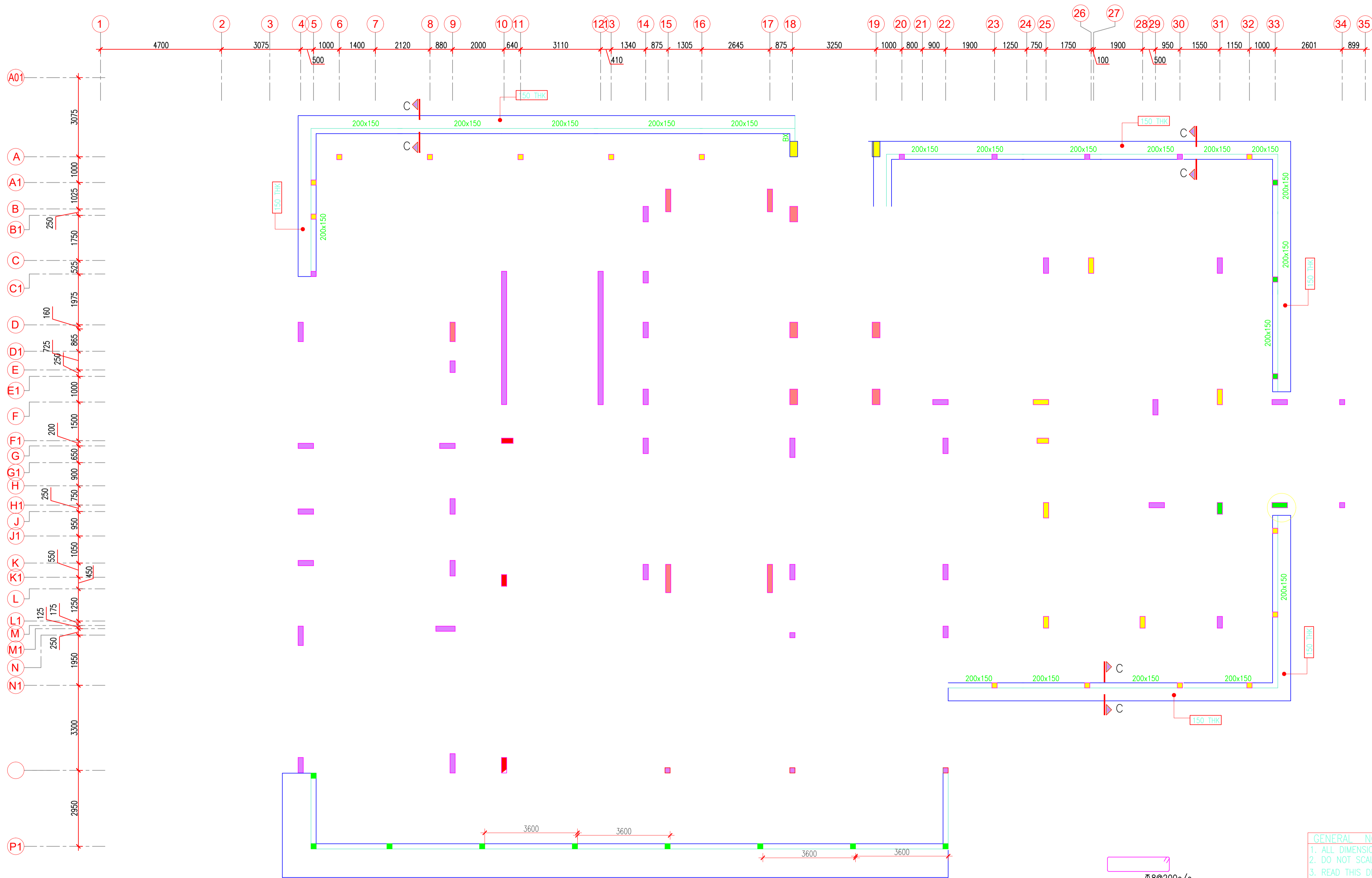
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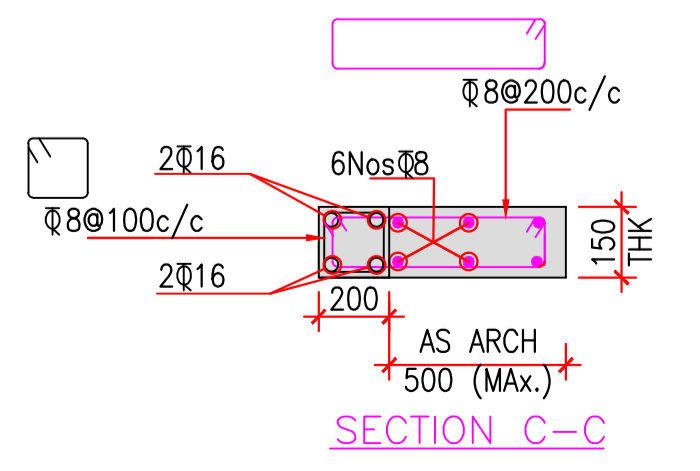
Drawn by: CMR Revision No.: 00

Checked by: MMS

AUTHORITY: _____



COMPOUND WALL BEAM LAYOUT



NOTE:- FOR LEVELS & MARKING REFER ARCH DRAWING

NOTES

- Dimensions are not to be scaled.
- All dimensions are in millimeters unless stated otherwise.
- All levels are as indicated and refer to given datum level.
- The contractor shall verify all dimensions, details, specifications & site conditions & shall report any error, omission and/or anomaly to the campus designer before commencement of work.
- For construction purposes, the dimensions shall not be measured directly on the drawings, the drawings shall not be used for construction until they are issued for construction.
- These drawings are to be read in coordination with final, electrical, plumbing, etc. drawings & all relevant sections of specifications.
- All shop drawings should be submitted to the campus designer for approval.
- Provide drip course on the bottom of all external, horizontal edges and surfaces (concrete, stone, plaster and so on) per dimensions and slope provided in detail.
- Shuttering pattern drawing to be provided to the campus designer for approval.
- Sections to provide shop drawings for the approval from the campus designer.
- Shuttering dimension shop drawing to reflect the rod locations, the rods should be equally spaced and aligned according to the shuttering pattern, consider the rod dia +18mm and PVC cone dia=38mm.

NOTE:

- REFER MASTER PLAN AND SITE PLANS FOR THE ABSOLUTE LEVEL OF THE BUILDING.
- REFER MASTER PLAN AND SITE PLANS FOR THE CLUSTER AND RESIDENCE/POOD PLANS.
- REFER ALL SERVICES AND STRUCTURAL DRAWINGS FOR CO-ORDINATION.
- CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVE LOCATION IN THE BEAMS WHERE EVER REQUIRED.
- SPLITTING TO BE CONSIDERED SIMILAR TO THE FLOOR FINISH OF THE SPACE.

STAMP

ISSUES		
REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
 2. CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVE LOCATION IN THE BEAMS WHERE EVER REQUIRED.

CLIENTS: INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD

CAMPUS DESIGNER: ARCCP ASSOCIATES PVT.LTD
 4-15, Keshavnagar, G.R.I
 New Delhi-110028
 Phone: 011-26462000

CONCEPT ENGINEERING CONSULTANT: STRUCTURE CONSULTANTS: STEADFAST STRUCTURAL CONSULTANTS HYDERABAD
 MEP CONSULTANTS: STELLAR PCC&E NEW DELHI

FOR APPROVAL
27 MAY 2026
 STEADFAST
 STRUCTURAL CONSULTANTS
 HYDERABAD

GENERAL NOTE:

- ALL DIMENSIONS ARE IN MM ONLY, UNLESS OTHERWISE SPECIFIED.
- DO NOT SCALE THE DRAWING FOLLOW FIGURED DIMENSIONS ONLY.
- READ THIS DRG. ALONG WITH ARCHITECTURAL DRG. IN CASE OF ANY DISCREPANCY BEING NOTED IT SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.
- THE CLEAR COVER SHOWN IN TABLE BELOW SHALL BE FROM THE OUTER FACE OF THE STRUCTURAL ELEMENT TO THE MAIN REINFORCEMENT IN CASE OF FOOTINGS, SLABS & TO THE STIRRUPS FOR COLUMNS & BEAMS

ITEM	GRADE OF CONCRETE	GRADE OF STEEL	CLEAR COVER
COLUMNS	M25	Fe500	40 mm
BEAMS	M25	Fe500	25 mm
SLABS	M25	Fe500	20 mm

Architect's Signature: _____ Client's Signature: _____

JOB TITLE: INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
 INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title: FRAMING PLAN & SLAB REINFORCEMENT ABOVE TERRACOTTA JALI LEVEL

Document Release Type: TENDER / GOOD FOR CONSTRUCTION

Job No: 2025/05 NORTH
 Scale: 1:100
 Date: 27.05.2026 Drawing No: DIR-ST-201-1
 Drawn by: OMR Checked by: MMS
 Authority: _____

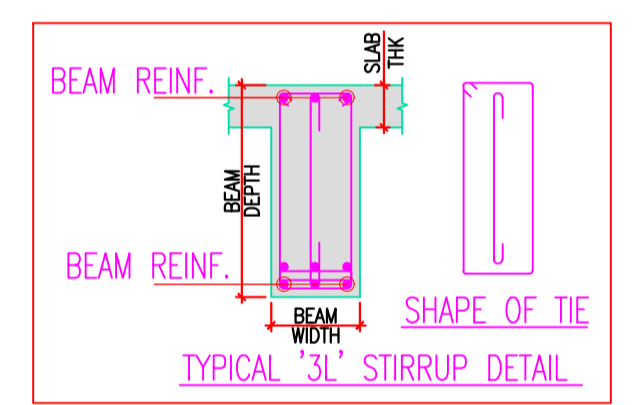
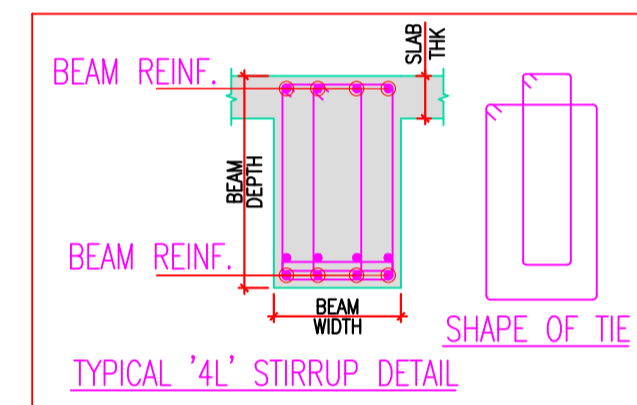


NOTES

- Dimensions are not to be scaled.
- All dimensions are in millimeters unless stated otherwise.
- All levels are in millimeters and refer to given datum level.
- The contractor shall verify all dimensions, details, specifications & site conditions & shall report any error, omission and/or discrepancy to the campus designer before commencement of work.
- For construction purposes, the dimensions shall not be measured directly on the drawings, the drawings shall not be used for construction until they are issued by the campus designer.
- These drawings are to be read in consultation with final, electrical, plumbing, etc. drawings & all relevant sections of specifications.
- Any design changes shall be provided to the campus designer for approval.
- Provide dip course on the bottom of all external, horizontal edges and surfaces (concrete, plaster, etc.) as per dimensions and slope provided in detail.
- Shuttering pattern drawing to be provided to the campus designer for approval.
- Contractor shall coordinate services and provide the sleeve location in the beams where ever required.
- Shuttering pattern drawing to be provided to reflect the rod locations, the rods should be equally spaced and aligned according to the shuttering pattern, consider the rod dia = 18mm and PVC cone dia=30mm.

NOTE:

- REFER MASTER PLAN AND SITE PLAN FOR THE ABSOLUTE LEVEL OF THE BUILDING.
- REFER MASTER PLAN AND SITE PLAN FOR THE CLUSTER AND NEIGHBORHOOD PLAN.
- REFER ALL SERVICES AND STRUCTURAL DRAWINGS FOR CO-ORDINATION.
- CONTRACTOR SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVE LOCATION IN THE BEAMS WHERE EVER REQUIRED.
- SHUTTERING TO BE CONSIDERED SIMILAR TO THE FLOOR FINISH OF THE SPACE.



STAMP

ISSUES		
REVISION	DESCRIPTION	DATE

ALL DRAWINGS TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL. CONTRACTOR SHOULD PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER.

CLIENTS:
 INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD

CAMPUS DESIGNER:
 ARCP ASSOCIATES PVT.LTD
 4-15 Park Street, 5th F
 New Delhi 110002
 Phone: 011-26466000

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
 STEADFAST STRUCTURAL CONSULTANTS, HYDERABAD-481001006

MEP CONSULTANTS:
 STELLAR PWA, NEW DELHI

GENERAL NOTE:

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- THE CLEAR COVER SHOWN IN TABLE BELOW SHALL BE FROM THE OUTER FACE OF THE STRUCTURAL ELEMENT TO THE MAIN REINFORCEMENT IN CASE OF FOOTINGS, SLABS & TO THE STIRRUPS FOR COLUMNS & BEAMS.

ITEM	GRADE OF CONCRETE	GRADE OF STEEL	CLEAR COVER
COLUMNS	M25	Fe500	40 mm
BEAMS	M25	Fe500	25 mm
SLABS	M25	Fe500	20 mm

Architect's Signature: _____ Client's Signature: _____

BEAM REINFORCEMENT AT PLINTH

Document Release Type: **TENDER / GOOD FOR CONSTRUCTION**

Job No: 2025/05 NORTH

Scale: 1:100

Date: 27.05.2026 Drawing No: DR-ST-201-6M2

Drawn by: CMR Revision No: 00

Checked by: MMS

AUTHORITY: _____

FOR APPROVAL
 27 MAY 2026
 STEADFAST
 STRUCTURAL CONSULTANTS
 HYDERABAD

PB -2/2



TYPICAL Ld TABLE FOR

DIA	lap length
Φ 12	600mm
Φ 16	800mm
Φ 20	1000mm
Φ 25	1150mm
Φ 25	1600mm

NOTES

- Dimensions are not to be scaled.
- All dimensions are in millimeters unless stated otherwise.
- All levels are in millimeters and refer to mean datum level.
- The contractor shall verify all dimensions, details, specifications & site conditions & shall report any error, omission and/or discrepancy to the campus designer before commencement of work.
- For construction purposes, the dimensions shall not be measured directly of the drawings, the drawings shall not be used for construction until they are issued for construction.
- These drawings are to be read in coordination with final, electrical, plumbing, etc. drawings & all relevant sections of specifications.
- All drawings should be submitted to the campus designer for approval.
- Provide dip course on the bottom of all external, horizontal edges and surfaces.
- Location, size, number and use of doors and windows should be provided.
- Shuttering pattern drawing to be provided to the campus designer for approval.
- Contractors should coordinate services and provide the sleeve location in the beams where ever required.
- Shuttering dimension should be provided to reflect the rod location. The rods should be equally spaced and aligned according to the shuttering pattern, consider the rod dia +18mm and PVC cone dia=38mm.

NOTE:

- REFER MASTER PLAN AND SITE PLAN FOR THE ABSOLUTE LEVEL OF THE BEAMS.
- REFER MASTER PLAN AND SITE PLAN FOR THE CLUSTER AND RESIDENTIAL FLOOR PLAN.
- REFER ALL SERVICES AND STRUCTURAL DRAWINGS FOR CO-ORDINATION.
- CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVE LOCATION IN THE BEAMS WHERE EVER REQUIRED.
- SHUTTERING TO BE CONSIDERED SIMILAR TO THE FLOOR FINISH OF THE SPACE.

STAMP

ISSUES		
REVISION	DESCRIPTION	DATE

ALL DRAWINGS TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL. CONTRACTORS PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER.

CLIENTS:
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT.LTD
6-15, Kothur Road, G.R. 1
New Colony 110002
Phone: 91-98484888

CONCEPT ENGINEERING CONSULTANT:
STRUCTURE CONSULTANTS:
STEADFAST STRUCTURAL CONSULTANTS, HYDERABAD-401 00701008

MEP CONSULTANTS:
STELLAR INCL, NEW DELHI

FOR APPROVAL
27 MAY 2026
STEADFAST
STRUCTURAL CONSULTANTS
HYDERABAD

GENERAL NOTE:

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ITEM	GRADE OF CONCRETE	GRADE OF STEEL	CLEAR COVER
COLUMNS	M25	Fe500	40 mm
BEAMS	M25	Fe500	25 mm
SLABS	M25	Fe500	20 mm

Architect's Signature: _____ Client's Signature: _____

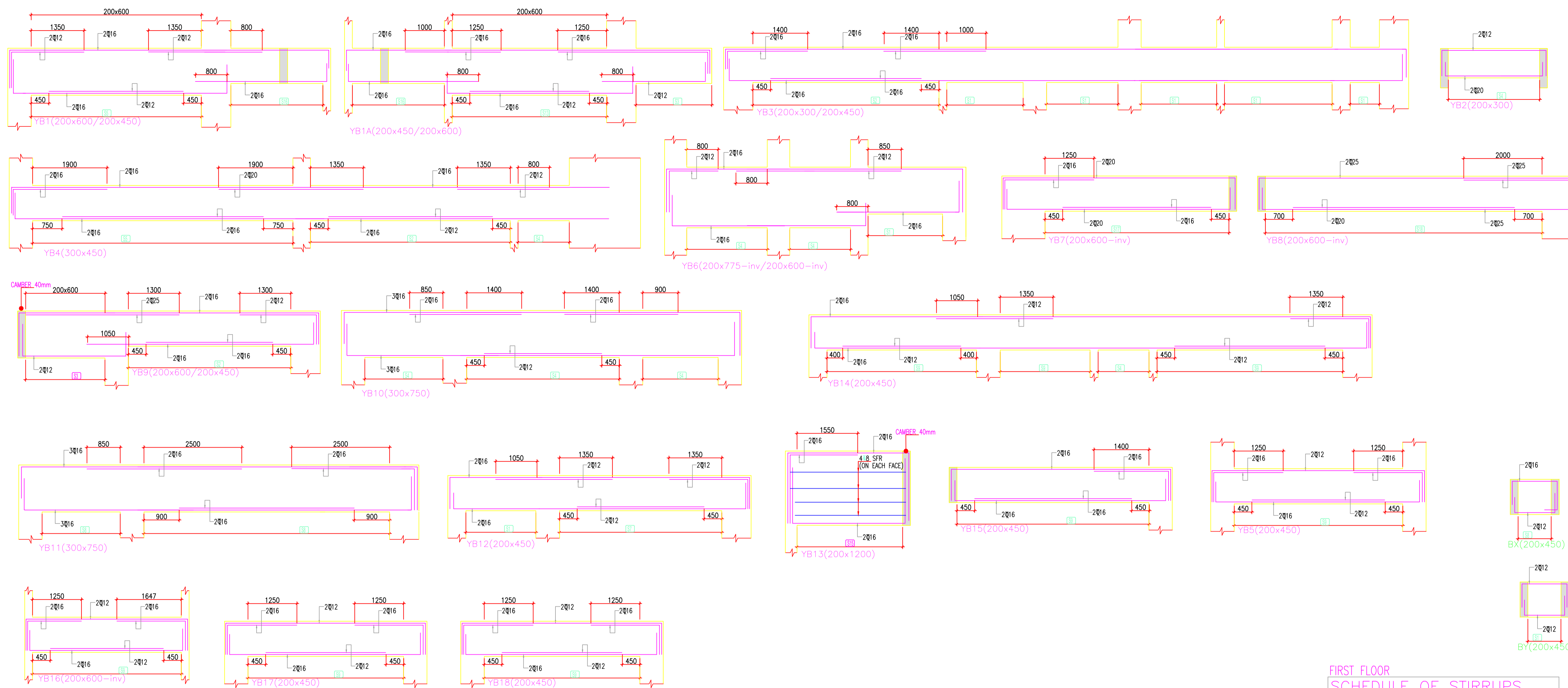
JOB TITLE:
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title:
BEAM REINFORCEMENT AT FIRST FLOOR

Document Release Type:
TENDER / GOOD FOR CONSTRUCTION

Job No: 2025/05 NORTH
Scale: 1:100
Date: 27.05.2026
Drawn by: CMR
Checked by: MMS
Authority: _____

Drawing No: DIR-ST-202-08M1
Revision No: 00

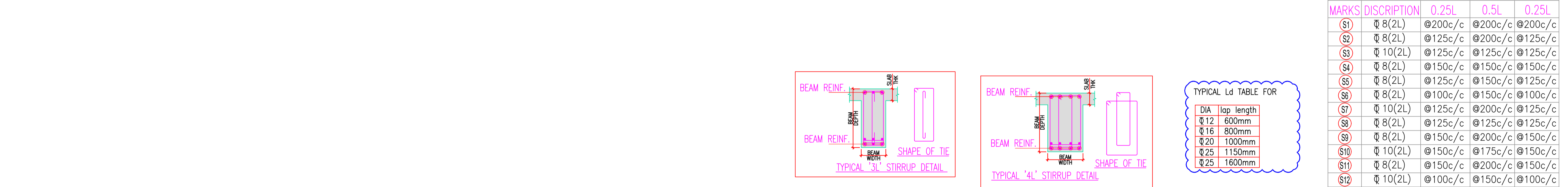


NOTES

- Dimensions are not to be scaled.
- All dimensions are in millimeters unless stated otherwise.
- All levels are in millimeters and refer to mean sea level.
- The contractor shall verify all dimensions, details, specifications & site conditions & shall report any error, omission and/or deviation to the campus designer before commencement of work.
- For construction purposes, the dimensions shall not be measured directly of the drawings, the drawings shall not be used for construction until they are issued for construction.
- These drawings are to be read in coordination with final, electrical, plumbing, fire & all relevant sections of specifications.
- All shop drawings must be provided to the campus designer for approval.
- Provide dip course on the bottom of all external, horizontal edges and surfaces (columns, slabs, plaster etc) as per dimensions and shape provided in detail.
- Shuttering pattern drawing to be provided to the campus designer for approval.
- Shuttering should be provided to the campus designer for approval.
- Shuttering dimension shop drawing to reflect the final location, the rods should be equally spaced and aligned according to the shuttering pattern, consider the rod dia = 18mm and PVC cone dia=30mm.

NOTE:

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- REFER MASTER PLAN AND SITE PLAN FOR THE CLUSTER AND RESIDENTIAL BLOCK PLANS.
- REFER ALL SERVICES AND STRUCTURAL DRAWINGS FOR CO-ORDINATION.
- CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVE LOCATION IN THE BEAMS WHERE EVER REQUIRED.
- SHUTTERING TO BE CONSIDERED SIMILAR TO THE FLOOR FINISH OF THE SPACE.

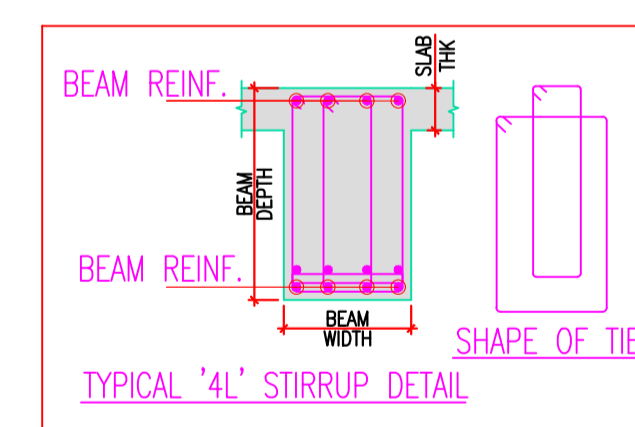
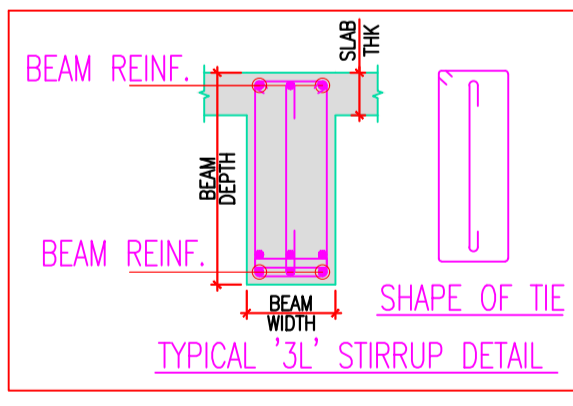


FIRST FLOOR SCHEDULE OF STIRRUPS

MARKS	DISCRIPTION	0.25L	0.5L	0.25L
(S1)	Ø 8(2L)	@200c/c	@200c/c	@200c/c
(S2)	Ø 8(2L)	@125c/c	@200c/c	@125c/c
(S3)	Ø 10(2L)	@125c/c	@125c/c	@125c/c
(S4)	Ø 8(2L)	@150c/c	@150c/c	@150c/c
(S5)	Ø 8(2L)	@125c/c	@150c/c	@125c/c
(S6)	Ø 8(2L)	@100c/c	@150c/c	@100c/c
(S7)	Ø 10(2L)	@125c/c	@200c/c	@125c/c
(S8)	Ø 8(2L)	@125c/c	@125c/c	@125c/c
(S9)	Ø 8(2L)	@150c/c	@200c/c	@150c/c
(S10)	Ø 10(2L)	@150c/c	@175c/c	@150c/c
(S11)	Ø 8(2L)	@150c/c	@200c/c	@150c/c
(S12)	Ø 10(2L)	@100c/c	@150c/c	@100c/c
(S13)	Ø 10(2L)	@100c/c	@200c/c	@100c/c
(S14)	Ø 8(4L)	@150c/c	@200c/c	@150c/c
(S15)	Ø 8(2L)	@100c/c	@100c/c	@100c/c
(S16)	Ø 10(2L)	@100c/c	@100c/c	@100c/c
(S17)	Ø 8(2L)	@125c/c	@150c/c	@125c/c
(S18)	Ø 8(2L)	@100c/c	@125c/c	@100c/c

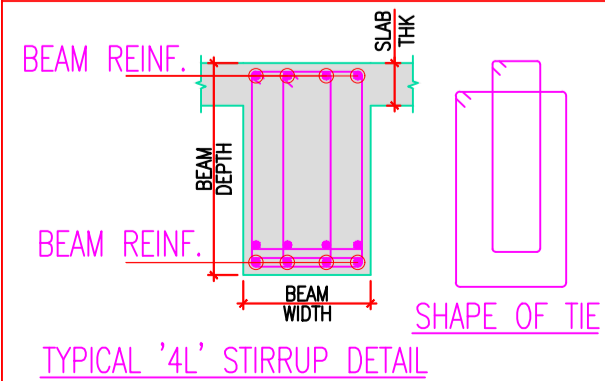
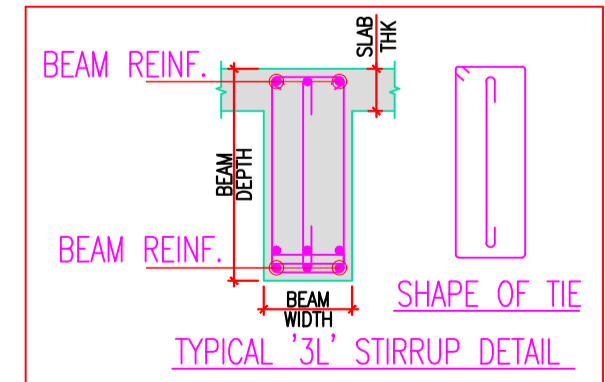
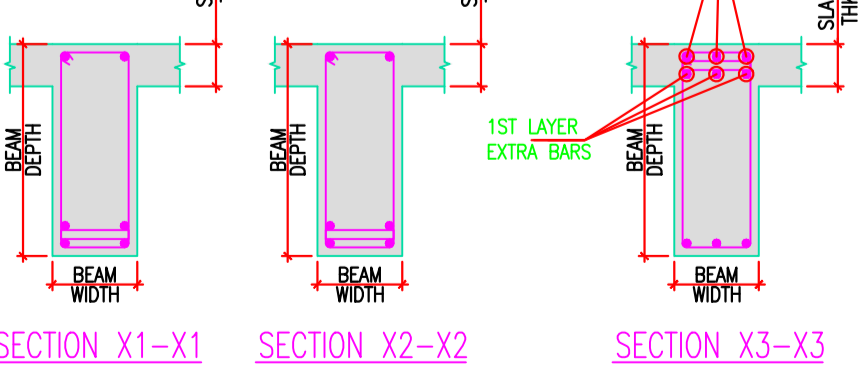
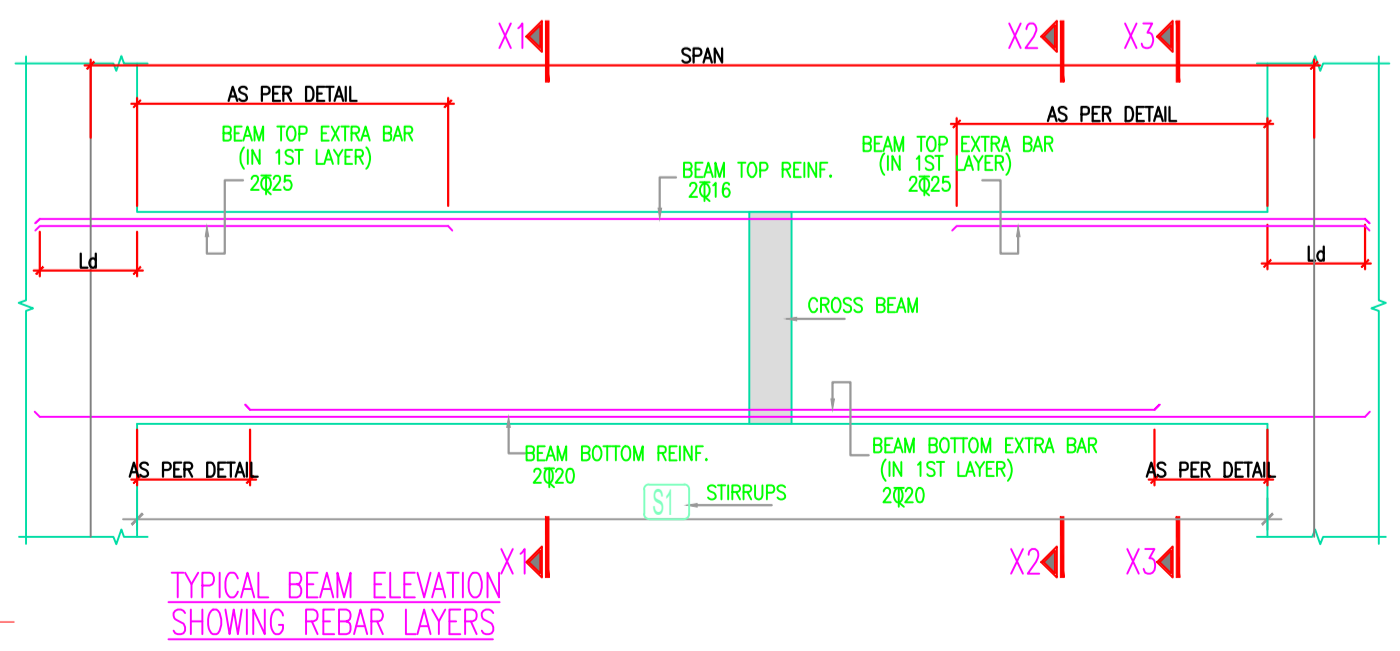
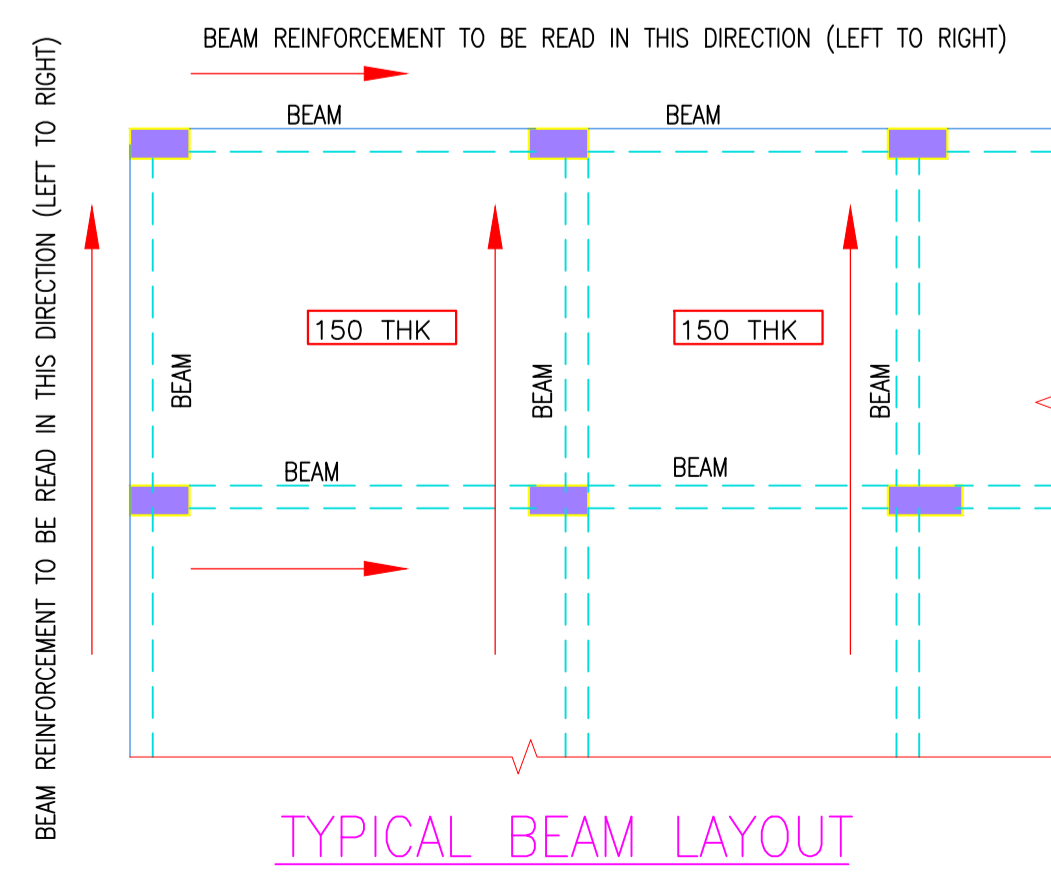
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ISSUES		
REVISION	DESCRIPTION	DATE



TYPICAL Ld TABLE FOR

DIA	lap length
Ø 12	600mm
Ø 16	800mm
Ø 20	1000mm
Ø 25	1150mm
Ø 25	1600mm



FOR APPROVAL
27 MAY 2026
STEADFAST STRUCTURAL CONSULTANTS HYDERABAD

GENERAL NOTE:

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ITEM	GRADE OF CONCRETE	GRADE OF STEEL	CLEAR COVER
COLUMNS	M25	Fe500	40 mm
BEAMS	M25	Fe500	25 mm
SLABS	M25	Fe500	20 mm

CLIENTS:
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT.LTD
4-15, Keshavnagar, Hyderabad, S.R.N.
New Colony 110002
Phone: 91-98484888

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
STEADFAST STRUCTURAL CONSULTANTS, HYDERABAD-501007

MEP CONSULTANTS:
STELLAR MECH. NEW DELHI

Architect's Signature: _____ Client's Signature: _____

Job Title: **BEAM REINFORCEMENT AT FIRST FLOOR**

Document Release Type: **TENDER / GOOD FOR CONSTRUCTION**

Job No: 2025/05 NORTH

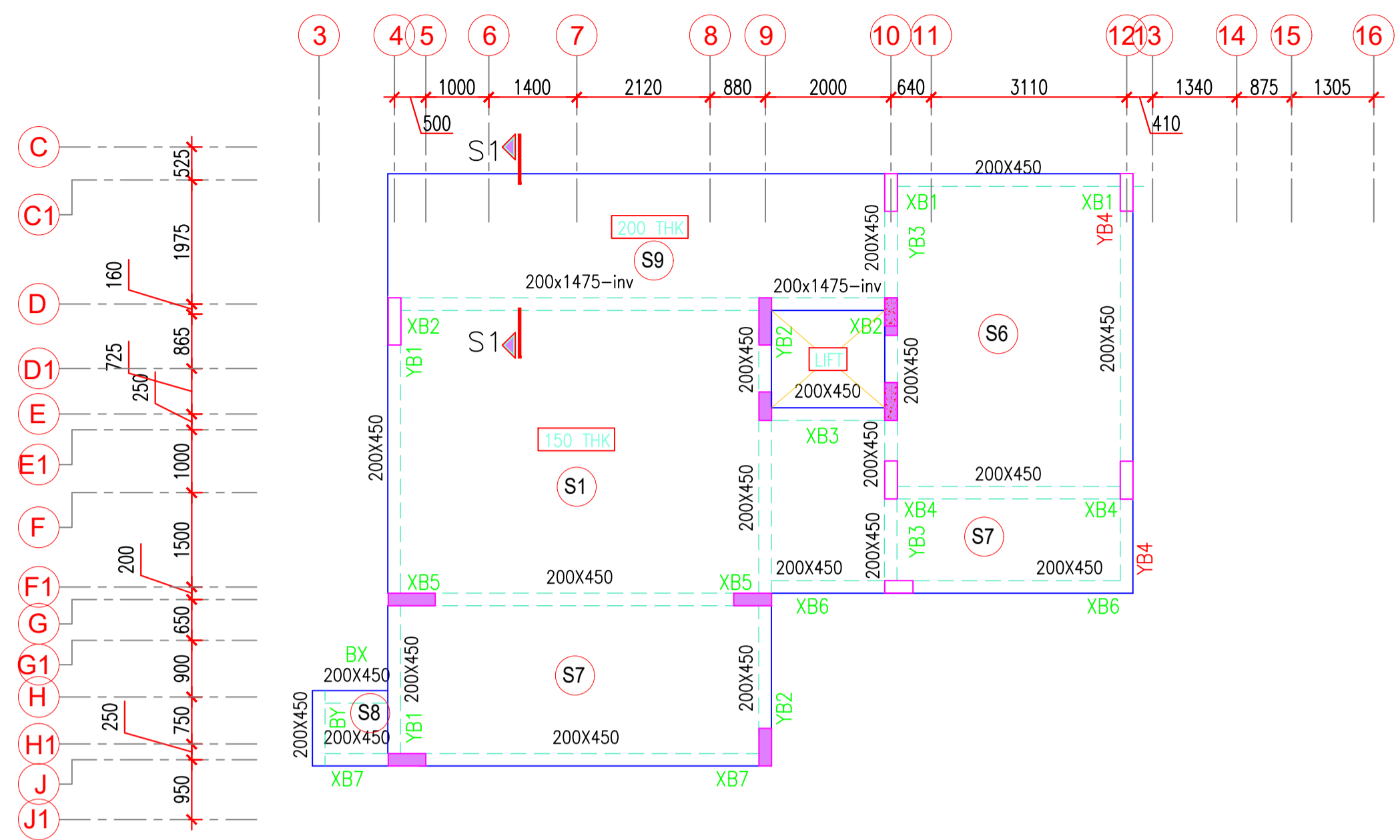
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Drawn by: CMR Revision No: 00

Checked by: MMS

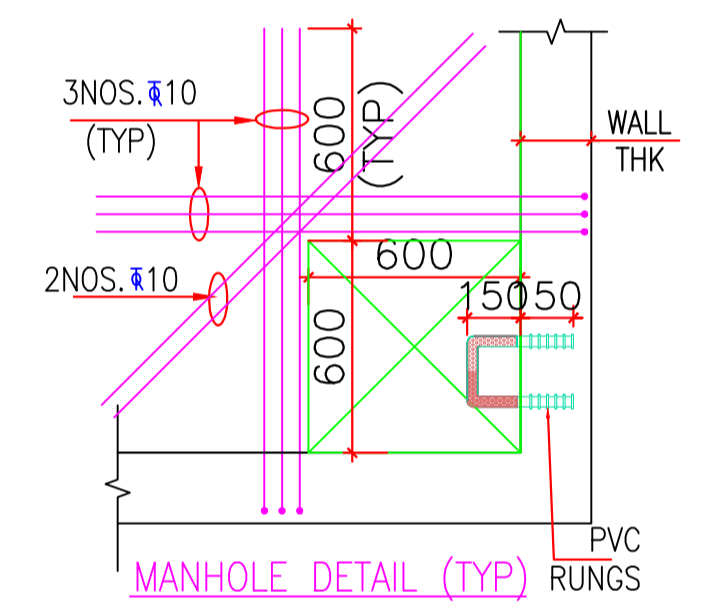
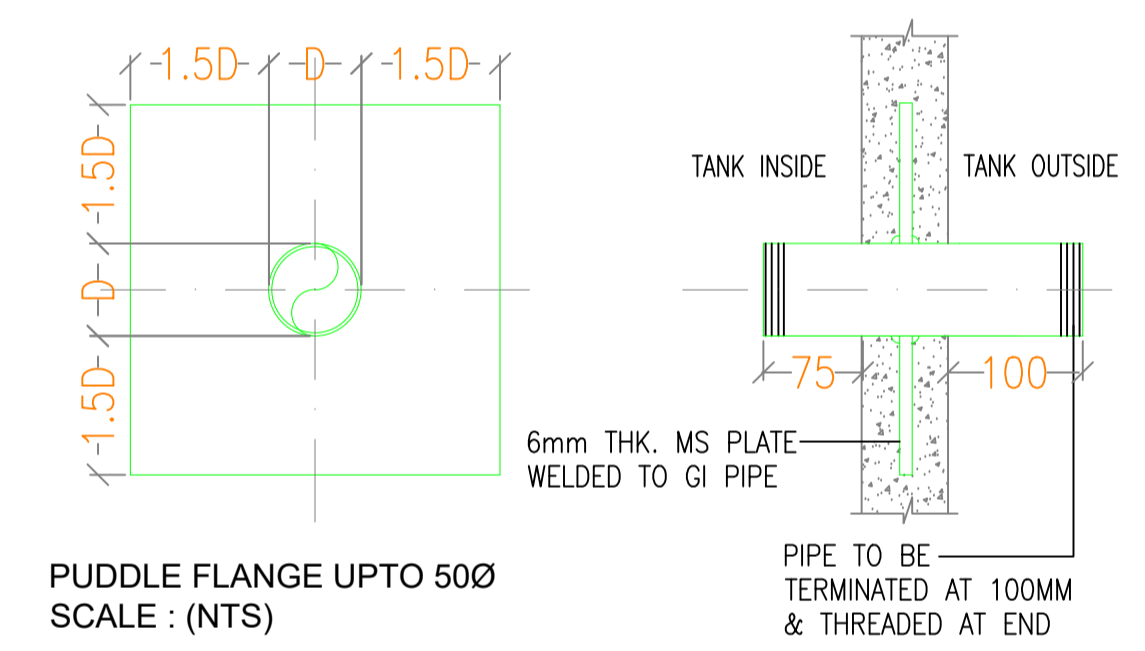
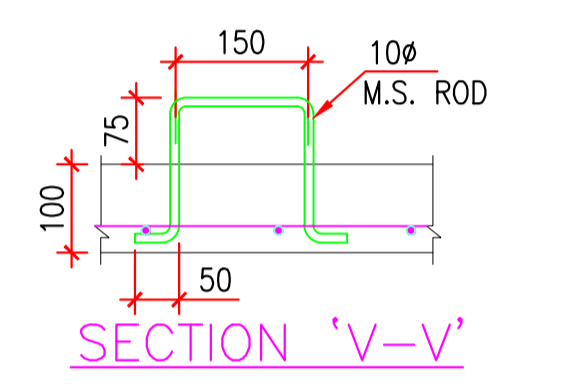
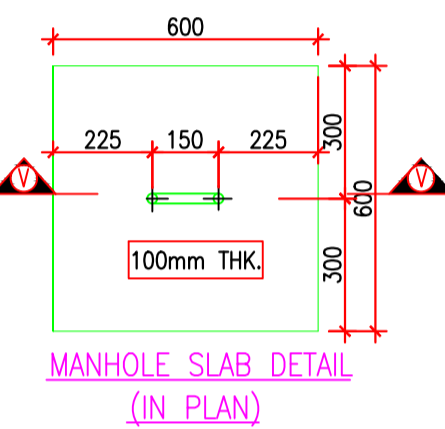
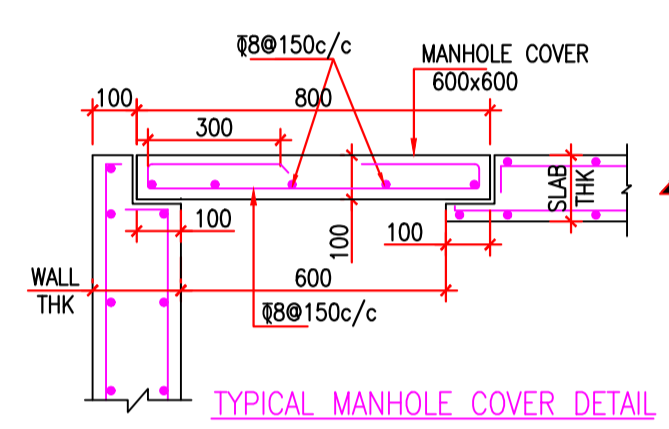
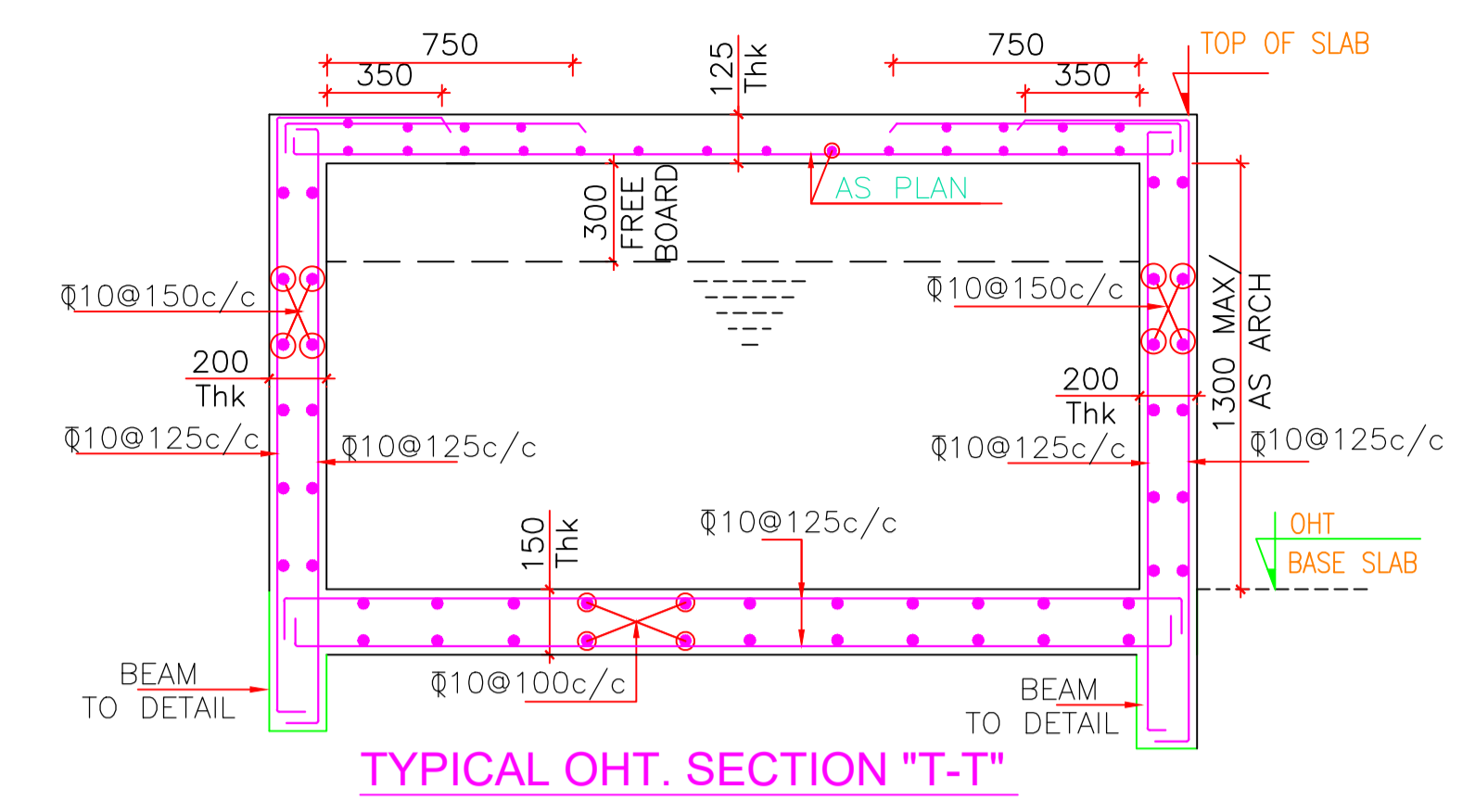
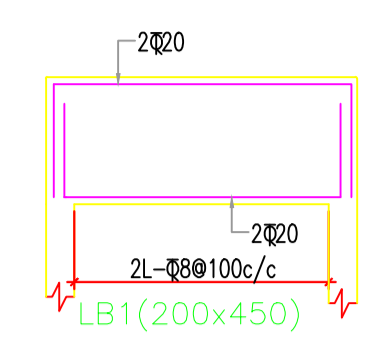
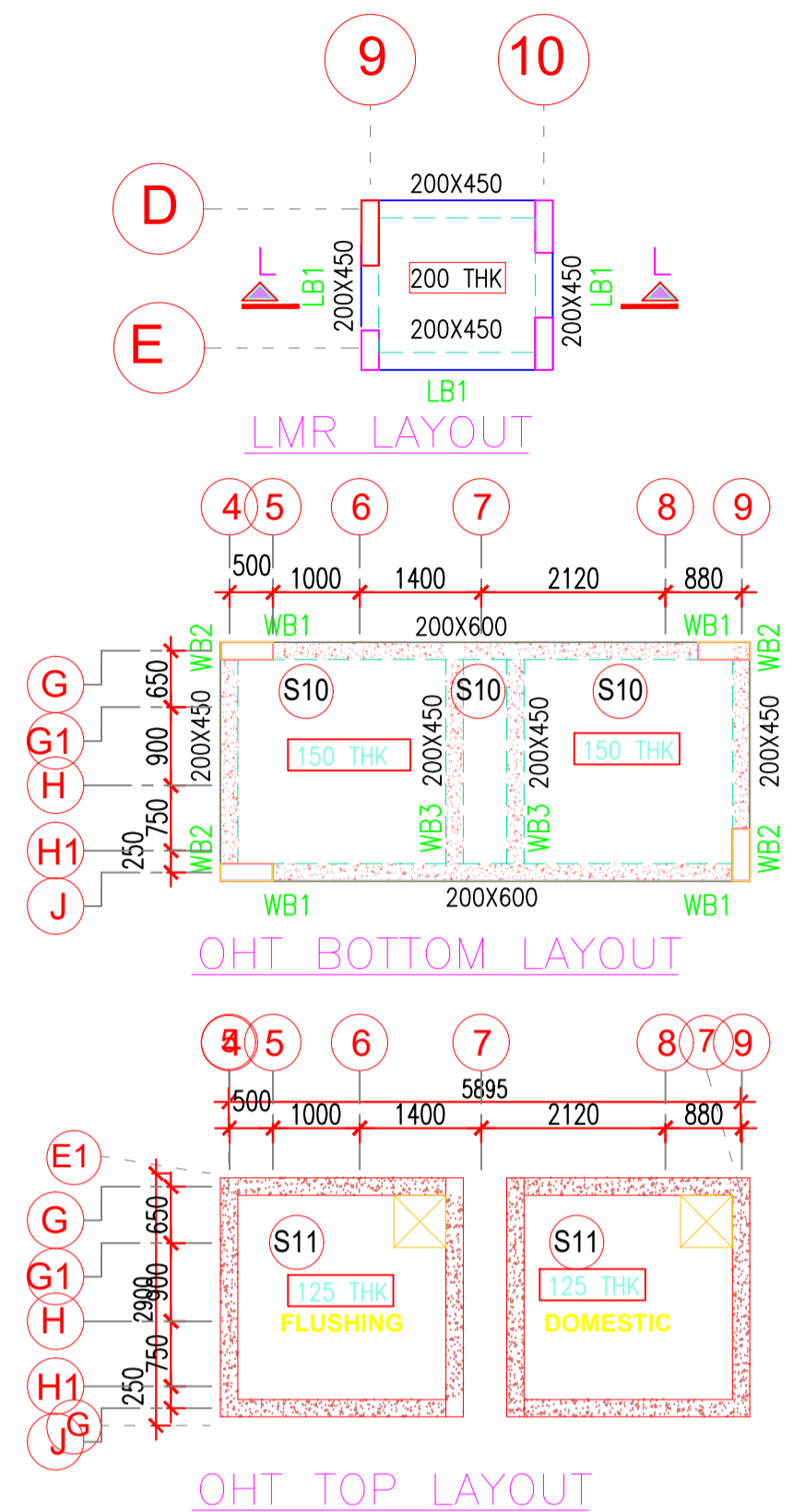
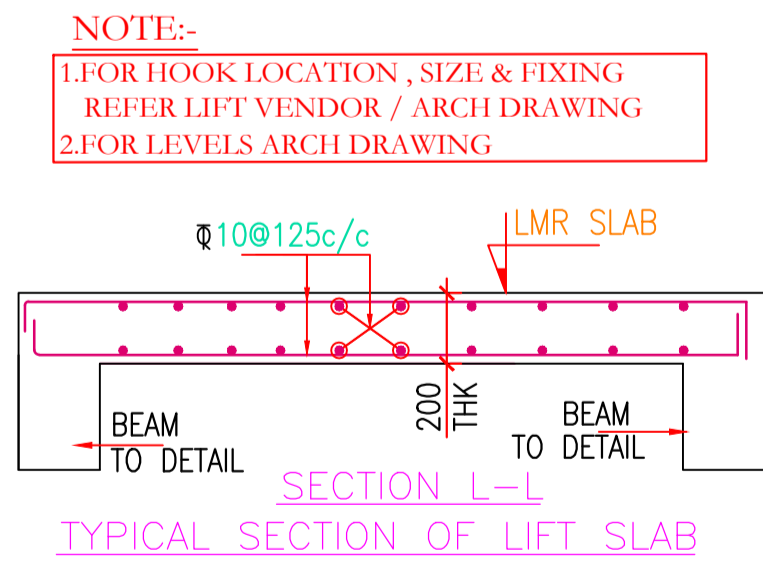
AUTHORITY: _____



TERRACE FLOOR BEAM LAYOUT
ALL SLABS ARE 125 THK U.N.O

STUB COLUMN SCHEDULE

TERRACE TO OHT LEVEL	200
COL. REINFORCEMENT	8@25
COL. STIRRUPS	8@200c/c
COL. SIZE	200x600
CONC. MIX	M-25
COL. MAR	SC



IMPORTANT NOTE:-
1.FOR PUDDLE FLANGE, RUNGS,MANHOLE LOCATION AND SIZE REFER MEP DRAWING
2.FOR LEVELS REFER ARCH / MEP DRAWING
3. WATER PROOFING AS PER SPECIFICATION.

FOR ELEVATION & LEVELS, REFER ARCH/MEP/ VENDOR SECTION & DETAIL

NOTE:- FOR LEVELS & MARKING REFER ARCH DRAWING

NOTES
- Dimensions are not to be scaled
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- The contractor shall verify all dimensions, details, specifications & site conditions & shall report any error, omission and/or anomaly to the project designer before commencement of work.
- For construction purposes, the dimensions shall not be measured directly of the drawings, the drawings shall not be used for construction until they are issued for construction.
- These drawings are to be read in consultation with final, electrical, plumbing, IT drawings & all relevant sections of specifications.
- All drawings intended for construction shall be approved by the project designer.
- Provide dig course on the bottom of all external, horizontal edges and surfaces (foundations, slabs, plaster, etc.) as per dimensions and slope provided by designer.
- Shuttering pattern drawing to be provided to the contractor for approval.
- Vendors to provide shop drawings for the approval from the project designer.
- Shuttering elevation shop drawings to reflect the rod locations, the rods should be equally spaced and aligned according to the shuttering pattern, consider the rod pvc dia = 18mm and pvc cone dia=30mm

NOTE:
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- REFER MASTER PLAN AND SITE PLAN FOR THE CLUSTER AND RESIDENTIAL FLOOR PLAN
- REFER ALL SERVICES AND STRUCTURAL DRAWINGS FOR CO-ORDINATION
- CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVE LOCATION IN THE BEAMS WHERE EVER REQUIRED
- SHUTTERING TO BE CONSIDERED SIMILAR TO THE FLOOR FINISH OF THE SPACE.

STAMP

ISSUES		
REVISION	DESCRIPTION	DATE

ALL DRAWINGS TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL
CLIENTS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER
CLIENTS:
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT.LTD
4-15, Park Road, Hyderabad, S.R.L
New Delhi-110002
Phone: 011-26460000

CONCEPT ENGINEERING CONSULTANT:
STRUCTURE CONSULTANTS:
STEADFAST STRUCTURAL CONSULTANTS HYDRABAD
MEP CONSULTANTS:
STELLAR PRAJ, NEW DELHI

FOR APPROVAL
27 MAY 2026
STEADFAST STRUCTURAL CONSULTANTS HYDRABAD

GENERAL NOTE:
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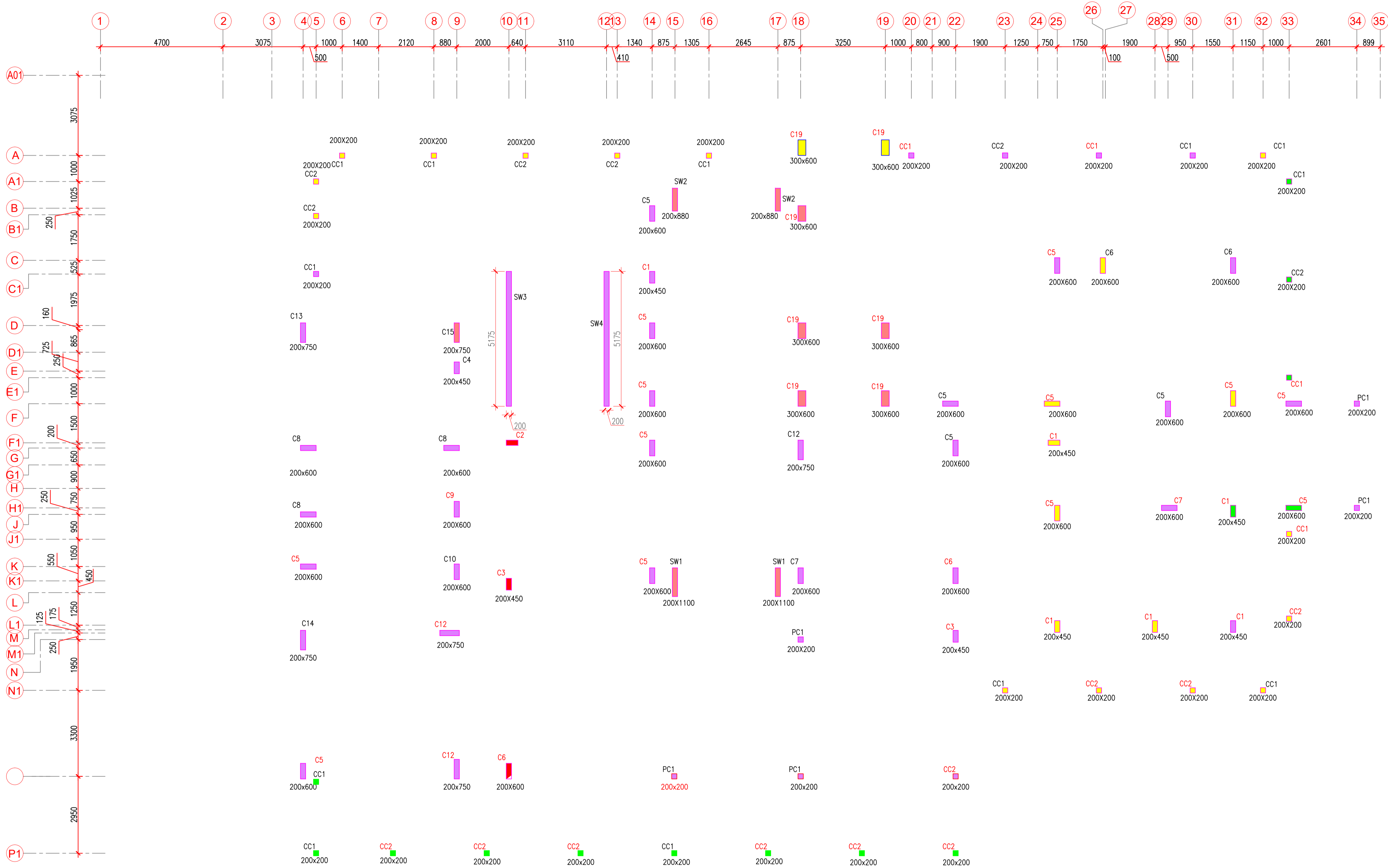
ITEM	GRADE OF CONCRETE	GRADE OF STEEL	CLEAR COVER
COLUMNS	M25	Fe500	40 mm
BEAMS	M25	Fe500	25 mm
SLABS	M25	Fe500	20 mm

Architect's Signature: _____ Client's Signature: _____

JOB TITLE
INDIAN INSTITUTE OF TECHNOLOGY, HYDRABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX
Drawing Title
FRAMING PLAN & SLAB REINFORCEMENT AT TERRACE & OHT FLOOR

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

Job No: 2025/05 NORTH
Scale: 1:100
Date: 27.05.2026 Drawing No: DR-ST-203
Drawn by: OMR Revision No:
Checked by: MMS
AUTHORITY: _____



NOTE:- FOR LEVELS & MARKING REFER ARCH DRAWING

NOTES

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- All levels are in millimeters and refer to mean datum level.
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- These drawings are to be read in coordination with Trac, electrical, plumbing, etc. drawings & all relevant sections of specifications.
- All work shall be done in accordance with the contract documents for approval.
- Provide dig course on the bottom of all external, horizontal edges and surfaces (concrete, stone, plaster, etc.) as per dimensions and slope provided in detail.
- Structuring pattern drawing to be provided to the contract designer for approval.
- Sections to provide shop drawings for the approval from the contract designer.
- Structuring elevation shop drawing to reflect the rod locations, the rods should be equally spaced and aligned according to the structuring pattern, consider the rod dia = 18mm and PVC cone dia=38mm.

NOTE:

- REFER MASTER PLAN AND SITE PLAN FOR THE ABSOLUTE LEVEL OF THE BUILDING.
- REFER MASTER PLAN AND SITE PLAN FOR THE CLUSTER AND RESIDENTIAL FLOOR PLAN.
- REFER ALL SERVICES AND STRUCTURAL DRAWINGS FOR CO-ORDINATION.
- CONTRACTOR SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVE LOCATION IN THE BEAMS WHERE EVER REQUIRED.
- SLABBING TO BE CONSIDERED SIMILAR TO THE FLOOR FINISH OF THE SPACE.

FOR APPROVAL
27 MAY 2026
STEADFAST
STRUCTURAL CONSULTANTS
HYDERABAD

STAMP

ISSUES		
REVISION	DESCRIPTION	DATE

1. ELECTRICITY DRAWING TO BE PROVIDED TO THE CLUSTER DESIGNER FOR APPROVAL.
2. STRUCTURE TO PROVIDE SHOP DRAWING FOR THE APPROVAL FROM THE CLUSTER DESIGNER.

CLIENTS:
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT.LTD
6-15, Keshavnagar, 501 102
New Delhi 110028
Phone: 011-26462000

CONCEPT ENGINEERING CONSULTANT:
STRUCTURE CONSULTANTS:
STEADFAST STRUCTURAL CONSULTANTS, HYDERABAD-401 0070106
MEP CONSULTANTS:
STELLAR INCL, NEW DELHI

Architect's Signature: _____ Client's Signature: _____

JOB TITLE:
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title:
COLUMN LAYOUT

Document Release Type:
TENDER / GOOD FOR CONSTRUCTION

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