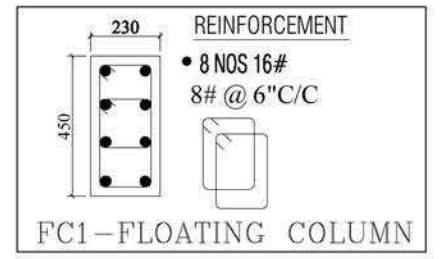
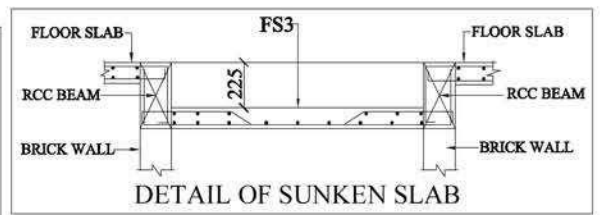
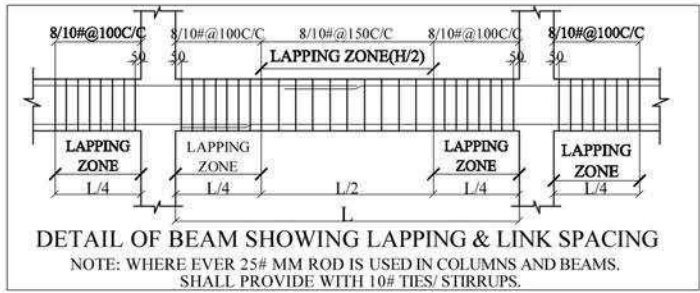


SCHEDULE OF RCC SLABS											
SL NO	NAME OF SLAB	THICKNESS IN MM	MAIN BARS				EXTRA BARS OVER END SUPPORT				REMARKS
			SHORT SPAN DIA	SHORT SPAN SPACING	LONG SPAN DIA	LONG SPAN SPACING	SHORT SPAN DIA	SHORT SPAN SPACING	LONG SPAN DIA	LONG SPAN SPACING	
01	FS1	125	8#	150 C/C	8#	175 C/C	8#	300 C/C	8#	350 C/C	
02	FS2	125	8#	150 C/C	8#	150 C/C	8#	300 C/C	8#	300 C/C	
03	FS3	150	8#	150 C/C	8#	150 C/C	8#	300 C/C	8#	300 C/C	225MM SUNKEN DEPTH



GROUND FLOOR ROOF BEAM SECTION DETAILS

NOTES:

- CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE THE EXECUTION OF WORK.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED & FIGURED DIMENSIONS SHALL BE FOLLOWED.
- USE CONCRETE - M25 (DESIGN MIX) FOR ALL RCC WORKS.
- MINIMUM CEMENT CONTENT SHALL NOT BE LESS THAN 340 KG/CU.M FOR M25 CONCRETE.
- HIGH YIELD STRENGTH DEFORMED BARS Fe 500 CONFIRMING IS 1786-1985 TO BE USED.
- NO ADMIXTURES SHALL BE ADDED WITHOUT PERMISSION OF CONSULTANT.
- CLEAR COVER TO REINFORCEMENT FOR FOOTING : 50MM, COLUMN 40MM, R.C.C WALL AND BEAM 30MM, SLAB 25MM.
- DEVELOPMENT LENGTH OF BAR Ld AS 50 Ø IN TENSION, 40 Ø IN COMPRESSION, WHERE Ø = DIA OF BAR.
- FOR ALL OTHER RCC GENERAL NOTES REFER SHEET NO A1 (REFER SHEET NO.A)
- FOLLOW DUCTILE DETAILING AS PER IS 13920 (REFER SHEET NO.A)
- STRUCTURE IS DESIGNED FOR (G+1) FLOORS ONLY.
- THE SAFE LOAD BEARING CAPACITY OF SOIL IS 300 kN/Sq.M AT 3.0M DEPTH AS PER SOIL REPORT.

ARCHITECTS:

N&A NANDA & ASSOCIATES ARCHITECTS
 NO.36, SARASWATHI ILLAM, JANAKIRAM COLONY MAIN RD, JANAKIRAM COLONY, ARUMBAKKAM, CHENNAI - 600 106. TELEPHONE:044-23637420, E-mail:nandaarchitects@gmail.com

STRUCTURAL CONSULTANTS:

SAKTHI CONSULTANCY
 No.10, Bandhu Street, F1-Accacia Flats, Ganapathy Nagar, Nagaleni, Chromepet, Chennai-600 044.
 www.sakthiconsultancy.com
 9444020706.nalfa.sakthi@gmail.com

PROJECT:
 PROPOSED CONSTRUCTION OF INDIAN BANK'S RURAL SELF EMPLOYMENT TRAINING INSTITUTE AT THIRUVANAMALAI, TAMILNADU

TITLE:
 GROUND FLOOR ROOF BEAM SECTION DETAILS

DRAWN: : P.MURALINATHAN **DATE:** : 17/07/2025

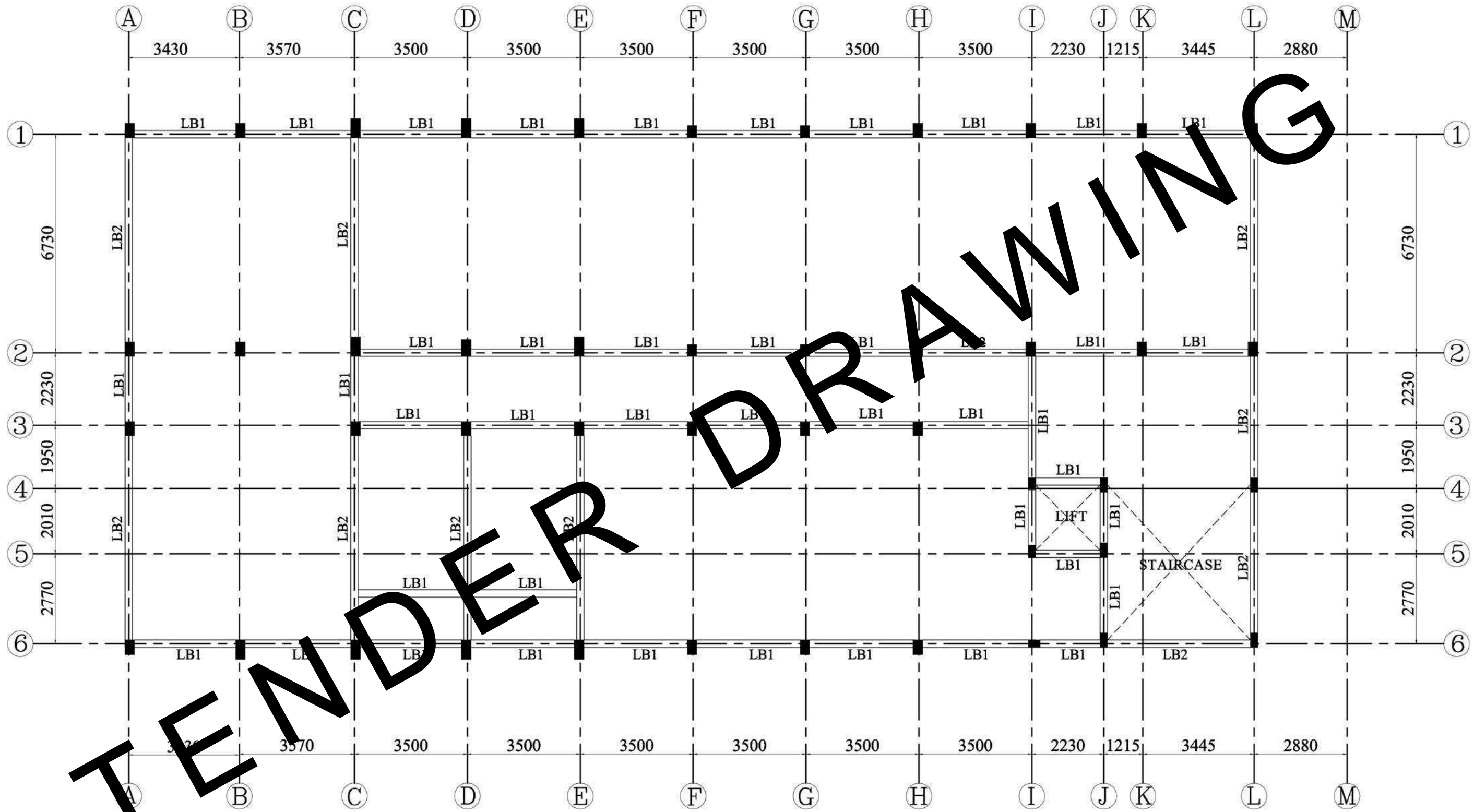
CHECKED: : C.ARUN **SHEET NO:** : 09

APPROVED: : C.ARUN **REV NO:** :

SCALE: : 1:100

PROJECT NUMBER: : SCPL/01/2024-25





FIRST FLOOR LINTEL BEAM LAYOUT AT +5850MM LEVEL



NOTES:
 1. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE THE EXECUTION OF WORK.
 2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED & FIGURED DIMENSIONS SHALL BE FOLLOWED.
 3. USE CONCRETE - M25 (DESIGN MIX) FOR ALL RCC WORKS.
 4. MINIMUM CEMENT CONTENT SHALL NOT BE LESS THAN 340 KG/CU.M FOR M25 CONCRETE.
 5. HIGH YIELD STRENGTH DEFORMED BARS Fe 500 CONFIRMING IS 1786-1985 TO BE USED.
 6. NO ADMIXTURES SHALL BE ADDED WITHOUT PERMISSION OF CONSULTANT.
 7. CLEAR COVER TO REINFORCEMENT FOR FOOTING : 50MM, COLUMN 40MM, R.C.C WALL AND BEAM 30MM, SLAB 25MM.
 8. DEVELOPMENT LENGTH OF BAR L_d AS 50 ϕ IN TENSION, 40 ϕ IN COMPRESSION, WHERE ϕ = DIA OF BAR.
 9. FOR ALL OTHER RCC GENERAL NOTES REFER SHEET NO A1 (REFER SHEET NO.A)
 10. FOLLOW DUCTILE DETAILING AS PER IS 13920 (REFER SHEET NO.A)
 11. STRUCTURE IS DESIGNED FOR (G+1) FLOORS ONLY.
 12. THE SAFE LOAD BEARING CAPACITY OF SOIL IS 300 kN/Sq.M AT 3.0M DEPTH AS PER SOIL REPORT.

ARCHITECTS:
NANDA & ASSOCIATES ARCHITECTS
 NO.36, SARASWATHI ILLAM, JANAKIRAM COLONY MAIN RD, JANAKIRAM COLONY., ARUMBAKKAM, CHENNAI - 600 106. TELEPHONE:044-23637420, E-mail:nandaarchitects@gmail.com

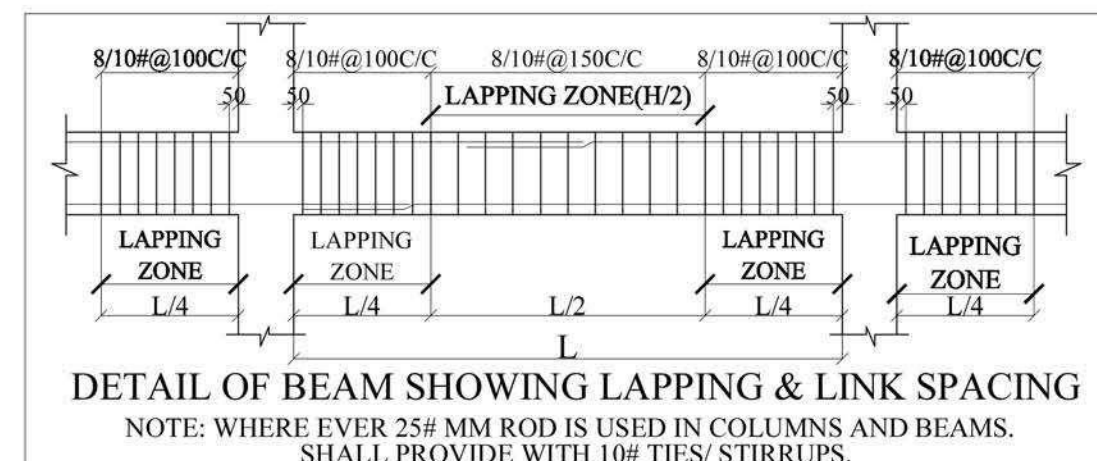
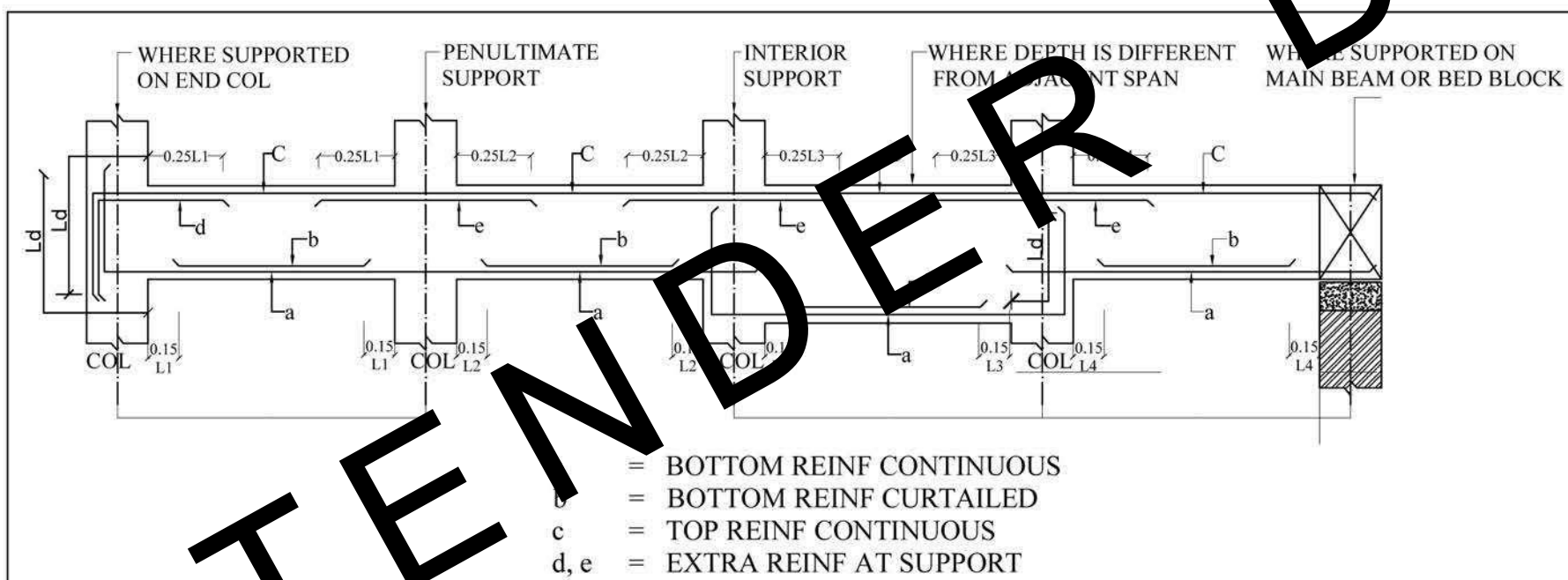
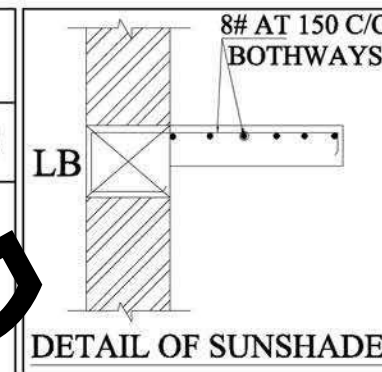
STRUCTURAL CONSULTANTS:
SCPL
 CIVIL & STRUCTURAL CONSULTANCY
 SAKTHI CONSULTANCY
 No.10, Bandhu Street, F1-Accacia Flats, Ganapathy Nagar, Nagalcken, Chromepet, Chennai-600 044.
 www.sakthiconsultancy.com
 9444020706.nafsa.sakthi@gmail.com

PROJECT :
 PROPOSED CONSTRUCTION OF INDIAN BANK'S RURAL SELF EMPLOYMENT TRAINING INSTITUTE AT THIRUVANAMALAI, TAMILNADU
TITLE :
 FIRST FLOOR LINTEL BEAM LAYOUT

DRAWN : P.MURALINATHAN	DATE : 17/07/2025
CHECKED : C.ARUN	SHEET NO : 10
APPROVED : C.ARUN	REV NO :
SCALE : 1:100	
PROJECT NUMBER : SCPL/01/2024-25	

SCHEDULE OF RCC BEAM DETAILS

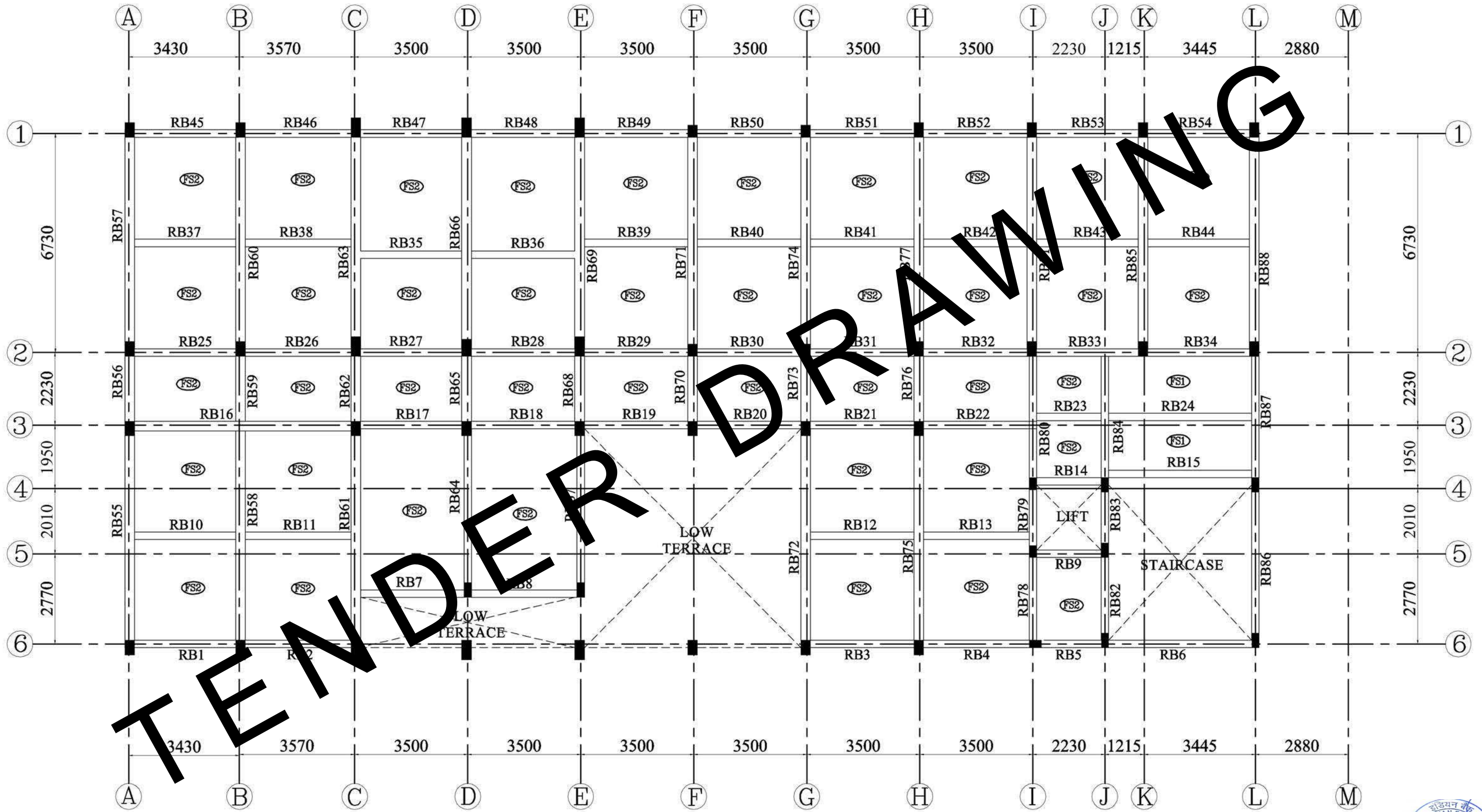
SL No	BEAM DESIGNATION	SIZE		SPAN 'L'	MAIN REINFORCEMENT						STIRRUPS		REMARKS
		WIDTH	DEPTH		BOTTOM BARS STRAIGHT	BOTTOM BARS EXTRA AT CENTRE	TOP BARS STRAIGHT	TOP BARS EXTRA AT DIS CONT/[END] SUPPORT	TOP BARS EXTRA AT CONT [penultimate] SUPPORT	TOP BARS EXTRA AT CONT [interior] SUPPORT	NEAR SUPPORT(L/4)	MIDDLE SPAN(L/2)	
					'a'	'b'	'c'	'd'	'e'	'e'			
					N0-DIA [#]	N0-DIA [#]	N0-DIA [#]	N0-DIA [#]	N0-DIA [#]	N0-DIA [#]	DIA [#]-C/C	DIA [#]-C/C	
01	LB1	230	300	-	2-16	-	2-16	1-16	1-16	1-16	8# @ 100 C/C	8# @ 150 C/C	
02	LB2	230	375	-	3-16	-	2-16	2-16	2-16	2-16	8# @ 100 C/C	8# @ 150 C/C	



FIRST FLOOR LINTEL BEAM SECTION DETAILS



NOTES: 1. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE THE EXECUTION OF WORK. 2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED & FIGURED DIMENSIONS SHALL BE FOLLOWED. 3. USE CONCRETE - M25 (DESIGN MIX) FOR ALL RCC WORKS. 4. MINIMUM CEMENT CONTENT SHALL NOT BE LESS THAN 340 KG/CU.M FOR M25 CONCRETE. 5. HIGH YIELD STRENGTH DEFORMED BARS Fe 500 CONFIRMING IS 1786-1985 TO BE USED. 6. NO ADMIXTURES SHALL BE ADDED WITHOUT PERMISSION OF CONSULTANT.	ARCHITECTS: NANDA & ASSOCIATES ARCHITECTS NO.36, SARASWATHI ILLAM, JANAKIRAM COLONY MAIN RD, JANAKIRAM COLONY., ARUMBAKKAM, CHENNAI - 600 105. TELEPHONE:044-23637420, E-mail:nandaarchitects@gmail.com	STRUCTURAL CONSULTANTS: SAKTHI CONSULTANCY No.10, Bandhu Street, F1-Accacia Flats, Ganapathy Nagar, Nagalkeni, Chromepet, Chennai-600 044. www.sakthiconsultancy.com 9444020706.nalla.sakthi@gmail.com	PROJECT : PROPOSED CONSTRUCTION OF INDIAN BANK'S RURAL SELF EMPLOYMENT TRAINING INSTITUTE AT THIRUVANAMALAI, TAMILNADU TITLE : FIRST FLOOR LINTEL BEAM SECTION DETAILS.	DRAWN : P.MURALINATHAN CHECKED : C.ARUN APPROVED : C.ARUN SCALE : 1:100 PROJECT NUMBER : SCPL/01/2024-25	DATE : 17/07/2025 SHEET NO : 11 REV NO :
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TERRACE FLOOR BEAM LAYOUT AT +7050MM LEVEL



- NOTES:
- CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE THE EXECUTION OF WORK.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED & FIGURED DIMENSIONS SHALL BE FOLLOWED.
 - USE CONCRETE - M25 (DESIGN MIX) FOR ALL RCC WORKS.
 - MINIMUM CEMENT CONTENT SHALL NOT BE LESS THAN 340 KG/CU.M FOR M25 CONCRETE.
 - HIGH YIELD STRENGTH DEFORMED BARS Fe 500 CONFIRMING IS 1786-1985 TO BE USED.
 - NO ADMIXTURES SHALL BE ADDED WITHOUT PERMISSION OF CONSULTANT.

- CLEAR COVER TO REINFORCEMENT FOR FOOTING : 50MM, COLUMN 40MM, R.C.C WALL AND BEAM 30MM, SLAB 25MM.
- DEVELOPMENT LENGTH OF BAR Ld AS 50 Ø IN TENSION, 40 Ø IN COMPRESSION, WHERE Ø = DIA OF BAR.
- FOR ALL OTHER RCC GENERAL NOTES REFER SHEET NO A1 (REFER SHEET NO.A)
- FOLLOW DUCTILE DETAILING AS PER IS 13920 (REFER SHEET NO.A)
- STRUCTURE IS DESIGNED FOR (G+1) FLOORS ONLY.
- THE SAFE LOAD BEARING CAPACITY OF SOIL IS 300 kN/Sq.M AT 3.0M DEPTH AS PER SOIL REPORT.

ARCHITECTS:



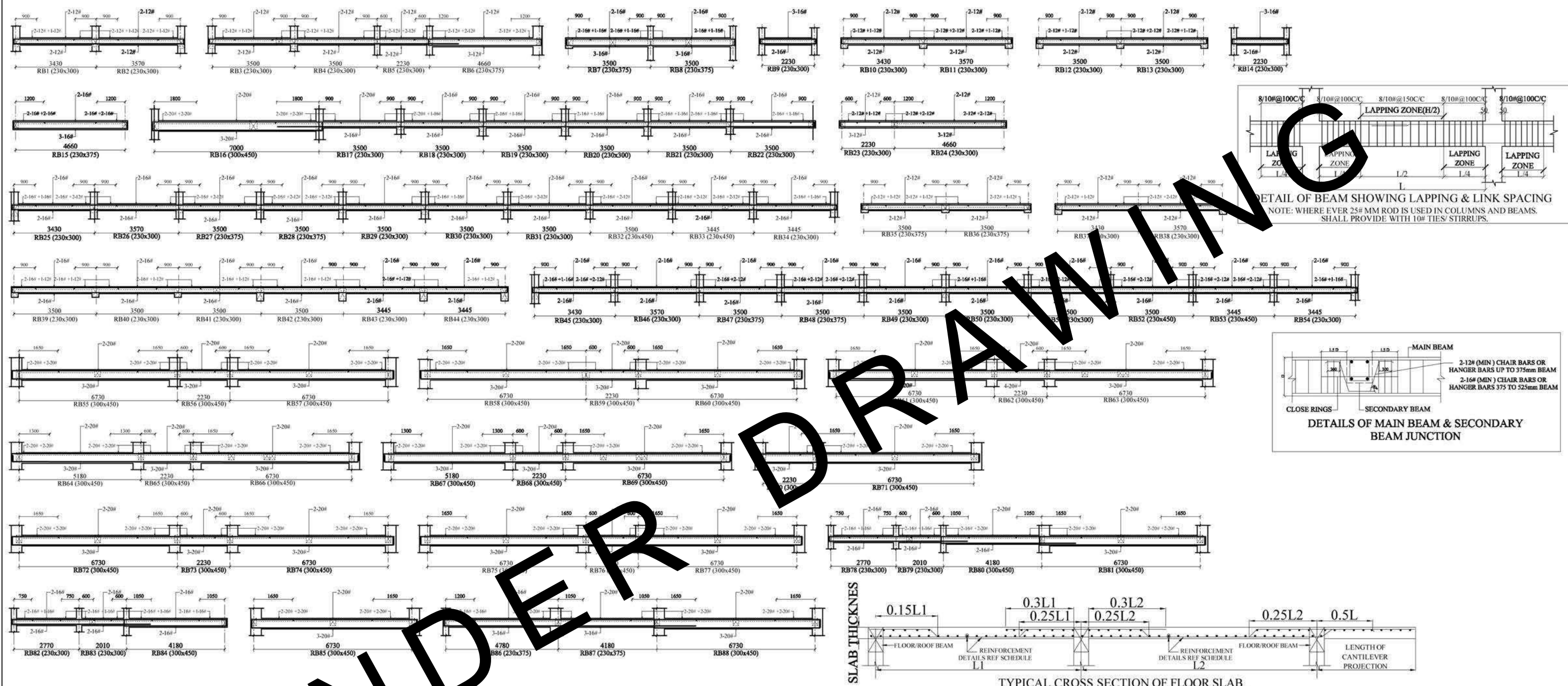
STRUCTURAL CONSULTANTS:



PROJECT :
PROPOSED CONSTRUCTION OF INDIAN BANK'S RURAL
SELF EMPLOYMENT TRAINING INSTITUTE AT
THIRUVANAMALAI, TAMILNADU

TITLE :
TERRACE FLOOR BEAM LAYOUT

DRAWN : P.MURALINATHAN	DATE : 17/07/2025
CHECKED : C.ARUN	SHEET NO : 12
APPROVED : C.ARUN	REV NO :
SCALE : 1:100	
PROJECT NUMBER : SCPL/01/2024-25	



SCHEDULE OF RCC SLABS

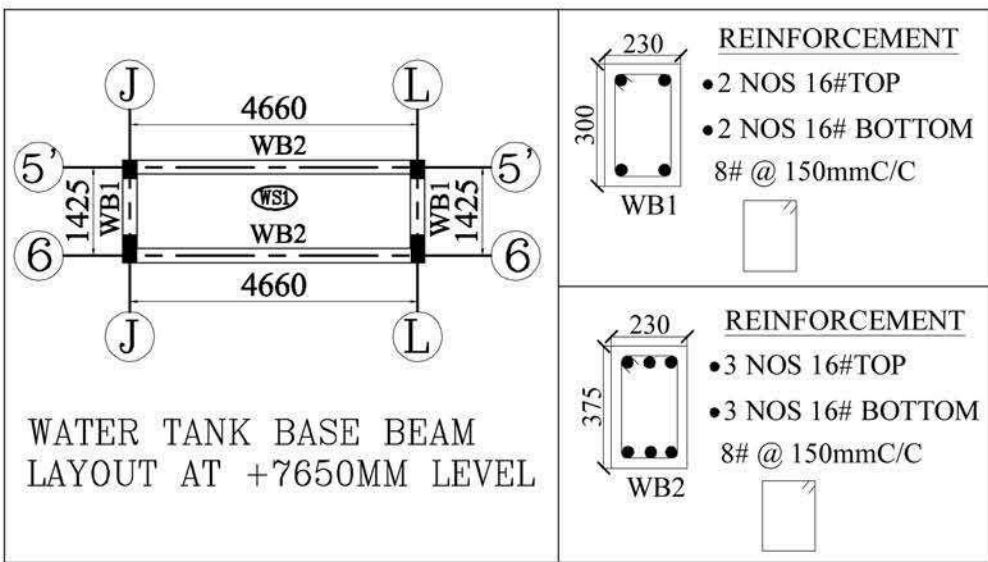
SL NO	NAME OF SLAB	THICKNESS IN MM	MAIN BARS				EXTRA BARS OVER END SUPPORT				REMARKS
			SHORT SPAN DIA	SHORT SPAN SPACING	LONG SPAN DIA	LONG SPAN SPACING	SHORT SPAN DIA	SHORT SPAN SPACING	LONG SPAN DIA	LONG SPAN SPACING	
01	RS1	125	8#	150 C/C	8#	175 C/C	8#	300 C/C	8#	350 C/C	
02	RS2	125	8#	150 C/C	8#	150 C/C	8#	300 C/C	8#	300 C/C	
03	RS3	150	8#	150 C/C	8#	150 C/C	8#	300 C/C	8#	300 C/C	



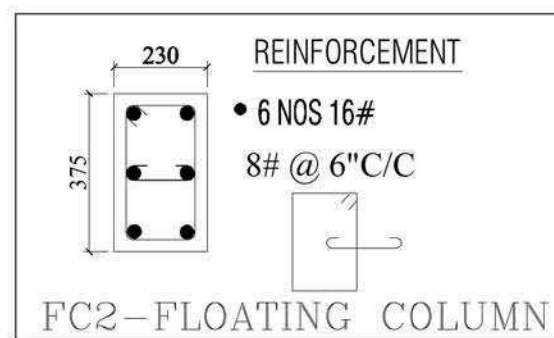
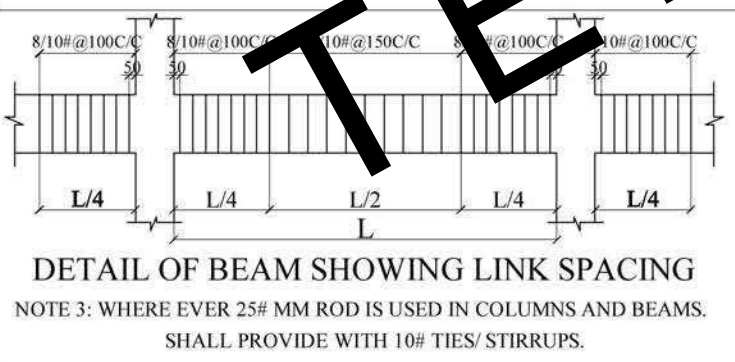
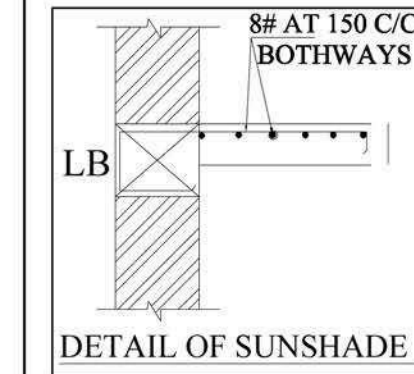
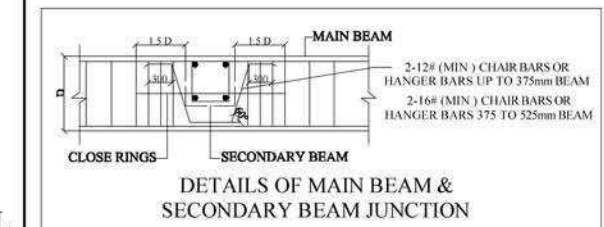
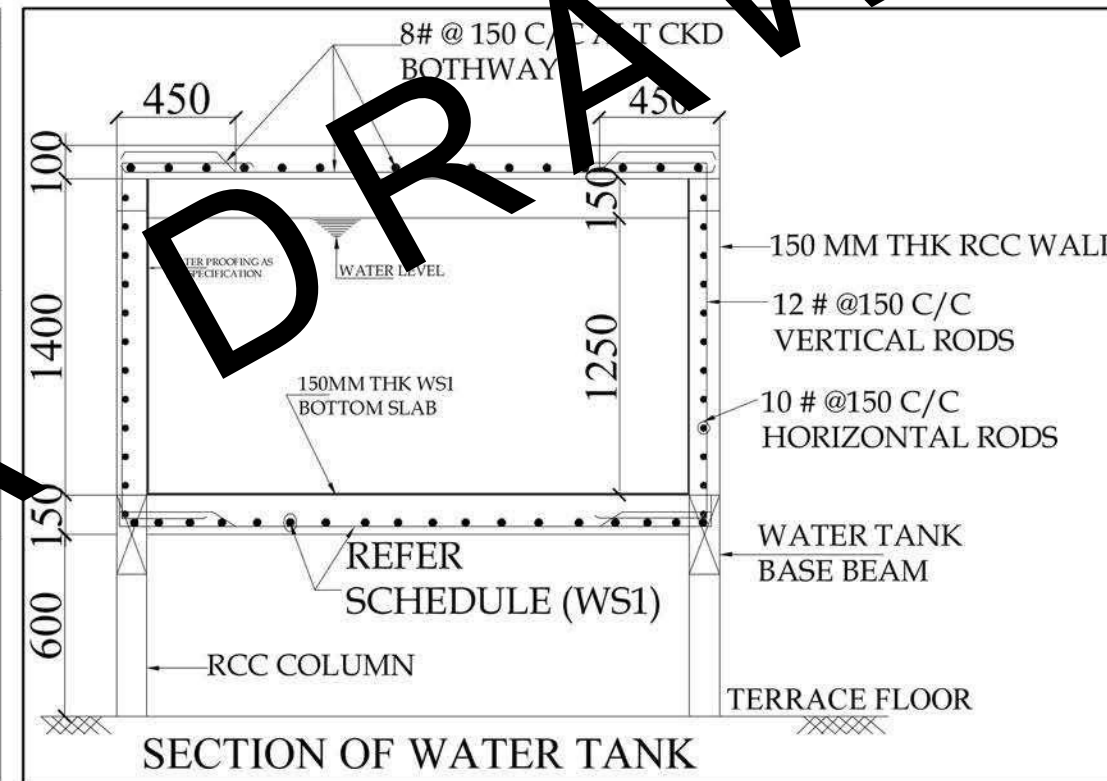
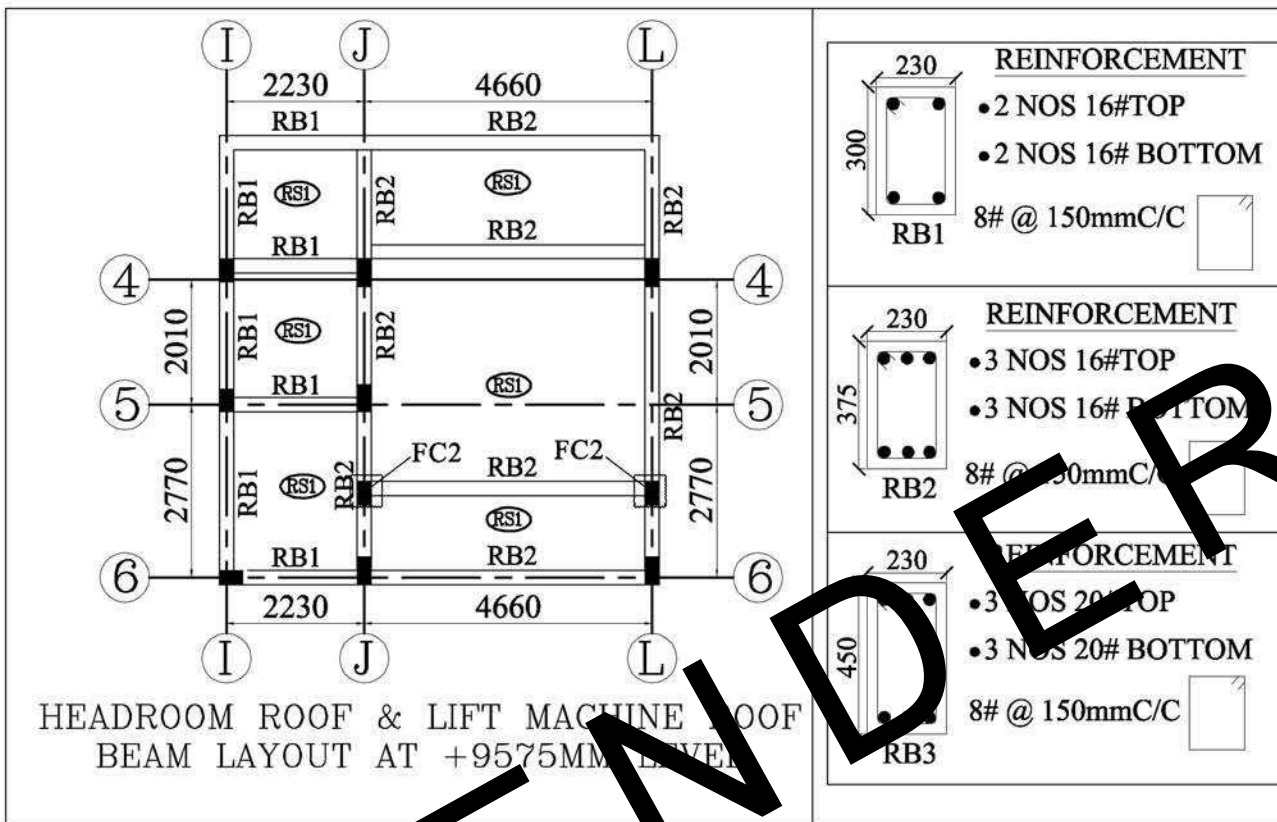
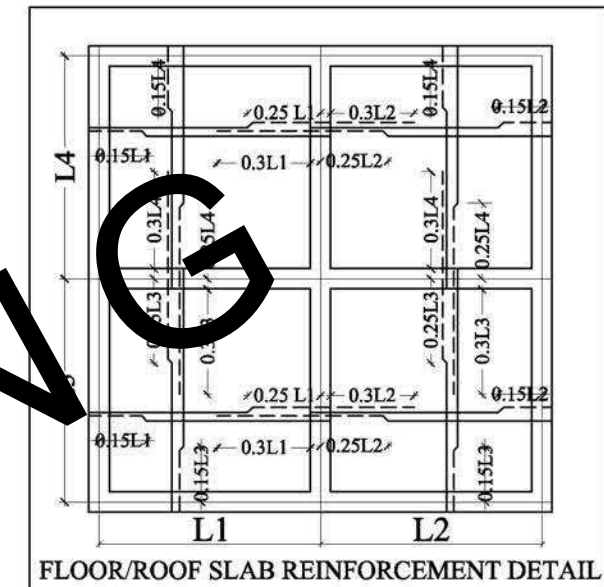
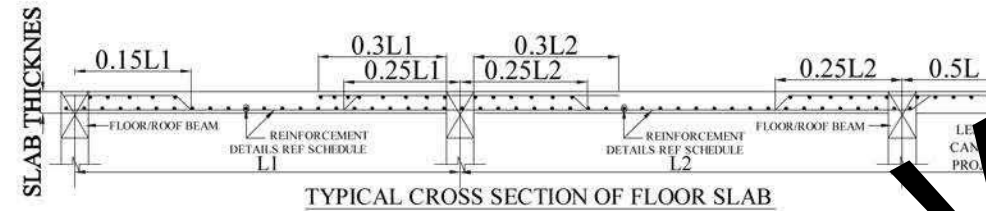
GROUND FLOOR ROOF BEAM SECTION DETAILS

NOTES: 1. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE THE EXECUTION OF WORK. 2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED & FIGURED DIMENSIONS SHALL BE FOLLOWED. 3. USE CONCRETE - M25 (DESIGN MIX) FOR ALL RCC WORKS. 4. MINIMUM CEMENT CONTENT SHALL NOT BE LESS THAN 340 KG/CU.M FOR M25 CONCRETE. 5. HIGH YIELD STRENGTH DEFORMED BARS Fe 500 CONFIRMING IS 1786-1985 TO BE USED. 6. NO ADMIXTURES SHALL BE ADDED WITHOUT PERMISSION OF CONSULTANT. 7. CLEAR COVER TO REINFORCEMENT FOR FOOTING : 50MM, COLUMN 40MM, R.C.C WALL AND BEAM 30MM, SLAB 25MM. 8. DEVELOPMENT LENGTH OF BAR Ld AS 50 Ø IN TENSION, 40 Ø IN COMPRESSION, WHERE Ø = DIA OF BAR. 9. FOR ALL OTHER RCC GENERAL NOTES REFER SHEET NO A1 (REFER SHEET NO.A) 10. FOLLOW DUCTILE DETAILING AS PER IS 13920 (REFER SHEET NO.A) 11. STRUCTURE IS DESIGNED FOR (G+1) FLOORS ONLY. 12. THE SAFE LOAD BEARING CAPACITY OF SOIL IS 300 KN/Sq.M AT 3.0M DEPTH AS PER SOIL REPORT.	ARCHITECTS: NANDA & ASSOCIATES ARCHITECTS NO.36, SARASWATHI ILLAM, JANAKIRAM COLONY MAIN RD, JANAKIRAM COLONY., ARUMBAKKAM., CHENNAI - 600 105. TELEPHONE:044-23673420, E-mail: nandaarchitects@gmail.com	STRUCTURAL CONSULTANTS: SAKTHI CONSULTANCY No.10, Bandhu Street, F1-Accacia Flats, Ganapathy Nagar, Nagalkeni, Chrompet, Chennai-600 044. www.sakthiconsultancy.com 9444020706.nalla.sakthi@gmail.com	PROJECT : PROPOSED CONSTRUCTION OF INDIAN BANK'S RURAL SELF EMPLOYMENT TRAINING INSTITUTE AT THIRUVANAMALAI, TAMILNADU TITLE : TERRACE FLOOR BEAM SECTION DETAILS	DRAWN : P.MURALINATHAN CHECKED : C.ARUN APPROVED : C.ARUN SCALE : 1:100 PROJECT NUMBER : SCPL/01/2024-25	DATE : 17/07/2025 SHEET NO : 13 REV NO :
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SCHEDULE OF RCC SLABS											
SL NO	NAME OF SLAB	THICKNESS IN MM	MAIN BARS				EXTRA BARS OVER END SUPPORT				REMARKS
			SHORT SPAN		LONG SPAN		SHORT SPAN		LONG SPAN		
			DIA	SPACING	DIA	SPACING	DIA	SPACING	DIA	SPACING	
01	RS1	125	8#	150 C/C	8#	150 C/C	8#	300 C/C	8#	300 C/C	HEADROOM ROOF SLAB
02	WS1	150	10#	150 C/C	10#	150 C/C	10#	300 C/C	10#	300 C/C	WATER TANK BASE SLAB



NOTES:

- CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE THE EXECUTION OF WORK.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED & FIGURED DIMENSIONS SHALL BE FOLLOWED.
- USE CONCRETE - M25 (DESIGN MIX) FOR ALL RCC WORKS.
- MINIMUM CEMENT CONTENT SHALL NOT BE LESS THAN 340 KG/CU.M FOR M25 CONCRETE.
- HIGH YIELD STRENGTH DEFORMED BARS Fe 500 CONFIRMING IS 1786-1985 TO BE USED.
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- CLEAR COVER TO REINFORCEMENT FOR FOOTING : 50MM, COLUMN 40MM, R.C.C WALL AND BEAM 30MM, SLAB 25MM.
- DEVELOPMENT LENGTH OF BAR L_d AS 50 ϕ IN TENSION, 40 ϕ IN COMPRESSION, WHERE ϕ = DIA OF BAR.
- FOR ALL OTHER RCC GENERAL NOTES REFER SHEET NO A1 (REFER SHEET NO.A)
- FOLLOW DUCTILE DETAILING AS PER IS 13920 (REFER SHEET NO.A)
- STRUCTURE IS DESIGNED FOR (G+1) FLOORS ONLY.
- THE SAFE LOAD BEARING CAPACITY OF SOIL IS 300 kN/Sq.M AT 3.0M DEPTH AS PER SOIL REPORT.

ARCHITECTS:

N&A NANDA & ASSOCIATES ARCHITECTS

NO.36, SARASWATHI ILLAM, JANAKIRAM COLONY MAIN RD, JANAKIRAM COLONY, ARUMBAKKAM, CHENNAI - 600 108. TELEPHONE:044-23637420, E-mail:nandaarchitects@gmail.com

STRUCTURAL CONSULTANTS:

SAKTHI CONSULTANCY

No.10, Bandhu Street, F1-Accacia Flats, Ganapathy Nagar, Nagalkeni, Chromepet, Chennai-600 044. www.sakthiconsultancy.com 9444020706.nalfa.sakthi@gmail.com

PROJECT :
PROPOSED CONSTRUCTION OF INDIAN BANK'S RURAL SELF EMPLOYMENT TRAINING INSTITUTE AT THIRUVANAMALAI, TAMILNADU

TITLE :
WATER TANK BASE BEAM & HEADROOM ROOF BEAM & LIFT MACHINE ROOF BEAM LAYOUT & SECTION DETAILS

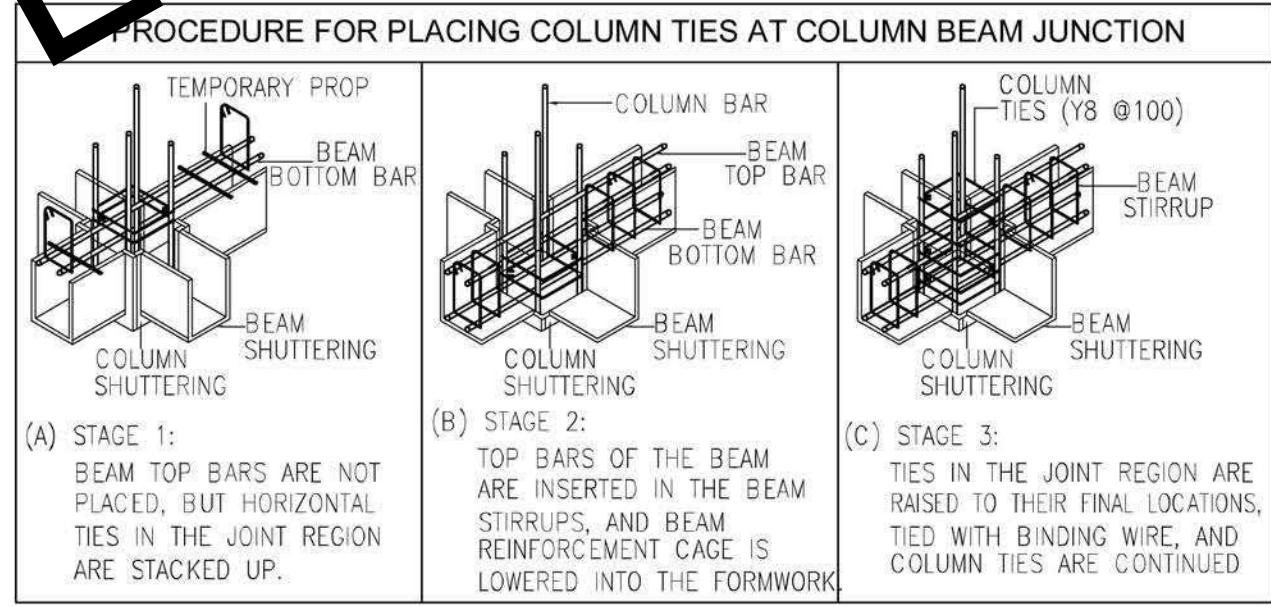
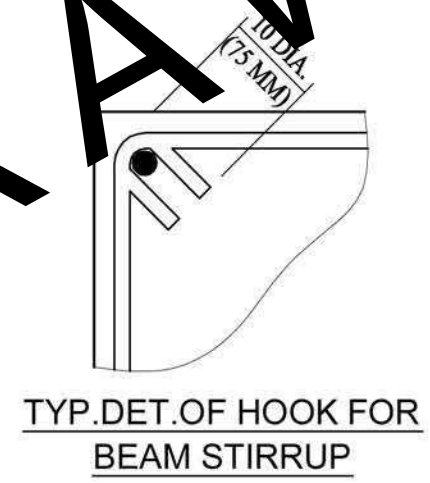
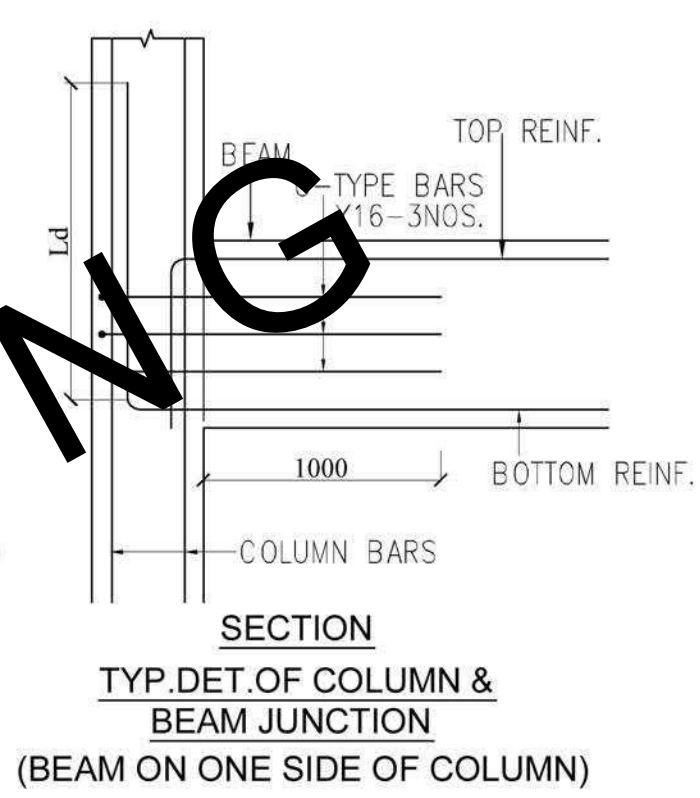
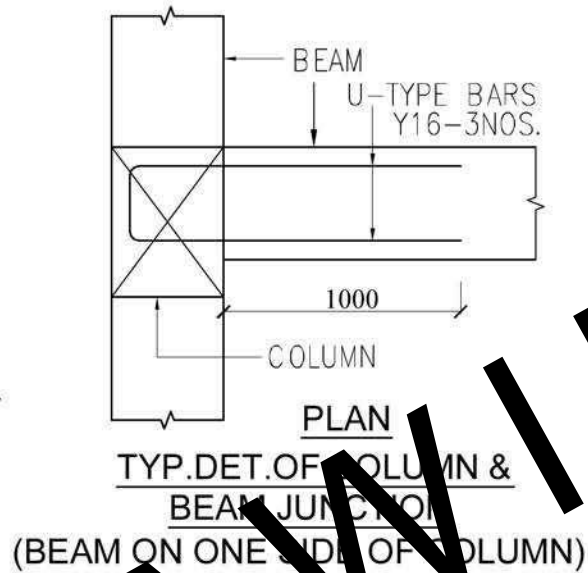
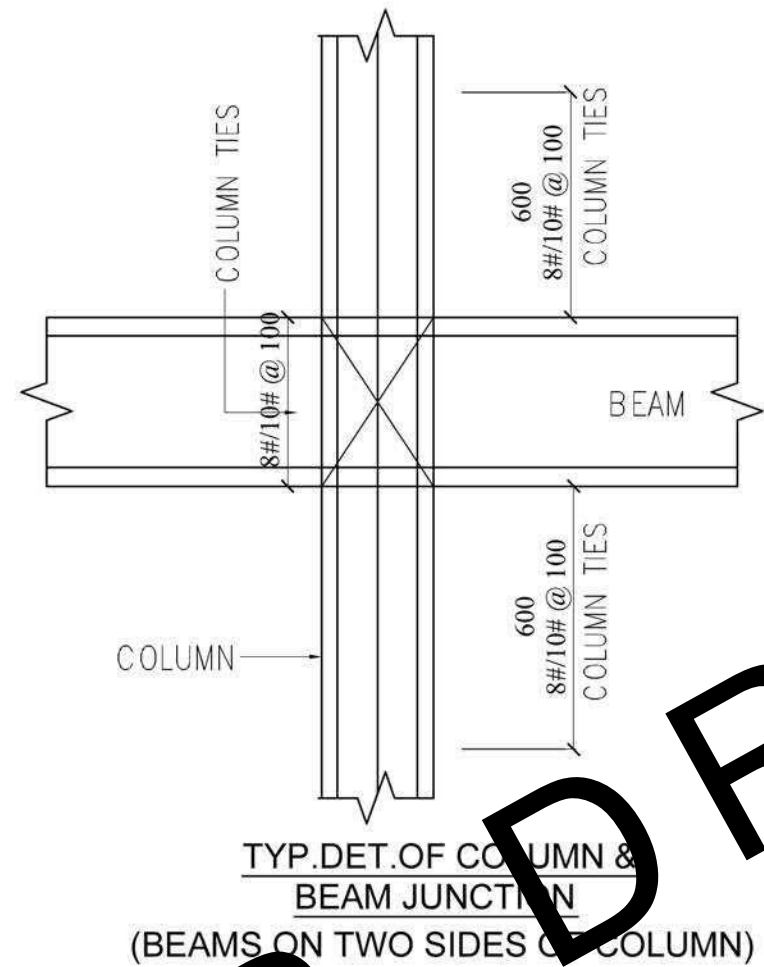
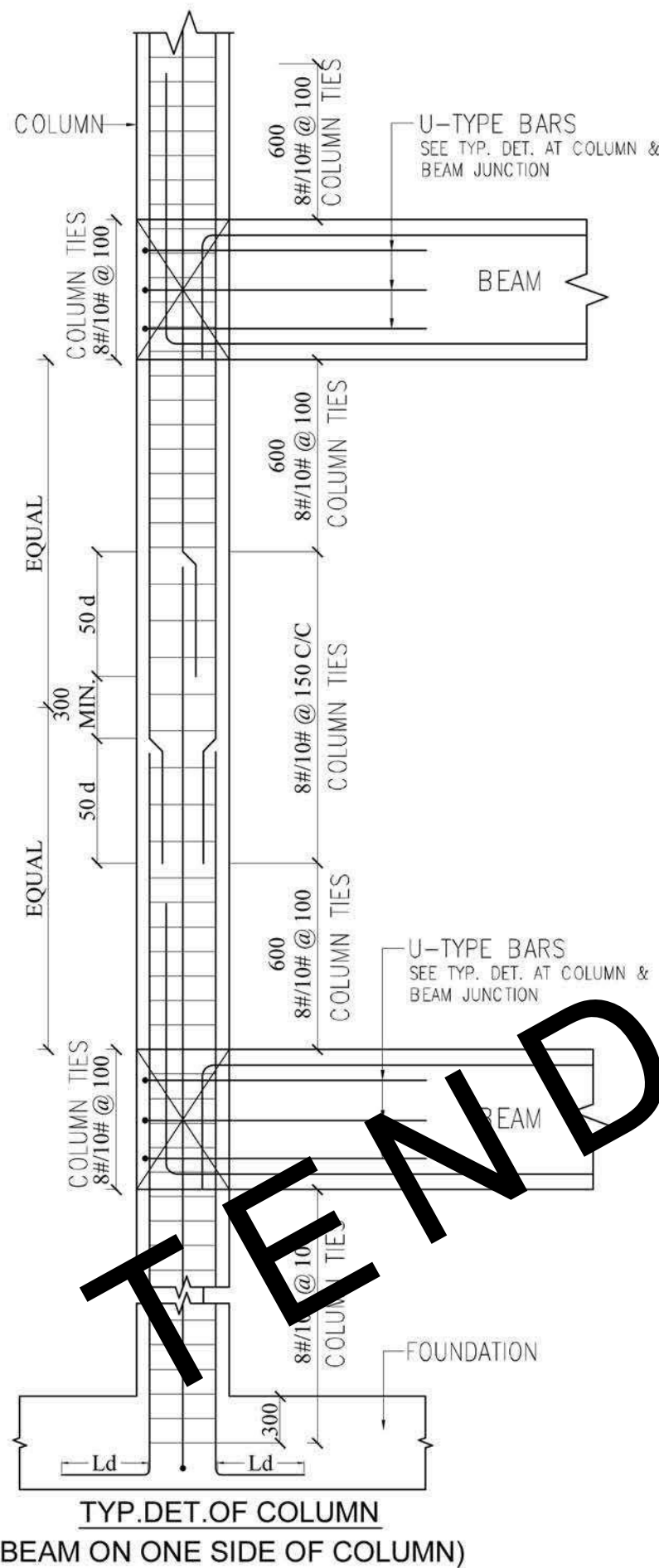
DRAWN : P.MURALINATHAN **DATE :** 17/07/2025

CHECKED : C.ARUN **SHEET NO :** 14

APPROVED : C.ARUN **REV NO :**

SCALE : 1:100

PROJECT NUMBER : SCPL/01/2024-25



NOTES:

- CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE THE EXECUTION OF WORK.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED & FIGURED DIMENSIONS SHALL BE FOLLOWED.
- USE CONCRETE - M25 (DESIGN MIX) FOR ALL RCC WORKS.
- MINIMUM CEMENT CONTENT SHALL NOT BE LESS THAN 340 KG/CU.M FOR M25 CONCRETE.
- HIGH YIELD STRENGTH DEFORMED BARS Fe 500 CONFIRMING IS 1786-1985 TO BE USED.
- NO ADMIXTURES SHALL BE ADDED WITHOUT PERMISSION OF CONSULTANT.
- CLEAR COVER TO REINFORCEMENT FOR FOOTING : 50MM, COLUMN 40MM, R.C.C WALL AND BEAM 30MM, SLAB 25MM.
- DEVELOPMENT LENGTH OF BAR L_d AS 50 ϕ IN TENSION, 40 ϕ IN COMPRESSION, WHERE ϕ = DIA OF BAR.
- FOR ALL OTHER RCC GENERAL NOTES REFER SHEET NO A1 (REFER SHEET NO.A)
- FOLLOW DUCTILE DETAILING AS PER IS 13920 (REFER SHEET NO.A)
- STRUCTURE IS DESIGNED FOR (G+1) FLOORS ONLY.
- THE SAFE LOAD BEARING CAPACITY OF SOIL IS 300 kN/Sq.M AT 3.0M DEPTH AS PER SOIL REPORT.

ARCHITECTS:

N&A NANDA & ASSOCIATES ARCHITECTS

NO.36, SARASWATHI ILLAM, JANAKIRAM COLONY MAIN RD, JANAKIRAM COLONY, ARUMBAKKAM, CHENNAI - 600 106. TELEPHONE:044-23637420. E-mail:nandaarchitects@gmail.com

STRUCTURAL CONSULTANTS:

SCPL SAKTHI CONSULTANCY

No.10, Bandhu Street, F1-Accacia Flats, Ganapathy Nagar, Nagalkeni, Chromepet, Chennai-600 044. www.sakthiconsultancy.com 9444020706.nalla.sakthi@gmail.com

PROJECT :
PROPOSED CONSTRUCTION OF INDIAN BANK'S RURAL SELF EMPLOYMENT TRAINING INSTITUTE AT THIRUVANAMALAI, TAMILNADU

TITLE :
TYPICAL DUCTILE DETAILING FOR EARTHQUAKE RESISTANCE

DRAWN : P.MURALINATHAN **DATE :** 17/07/2025

CHECKED : C.ARUN **SHEET NO :** A

APPROVED : C.ARUN **REV NO :**

SCALE : 1:100

PROJECT NUMBER : SCPL/01/2024-25



RCC NOTES :-

1. CONTRACTOR TO CHECK & VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
2. FIGURED DIMENSIONS SHALL BE FOLLOWED.
3. ALL DIMENSIONS ARE GIVEN IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
4. THE SAFE LOAD CARRYING CAPACITY OF SOIL IS 300 kN/m² AT 3.0M AS PER SOIL REPORT.
5. LOOSE POCKETS OF SOIL IF ENCOUNTERED SHALL BE COMPLETELY REMOVED AND BACK FILLED WITH MORRUM.
6. ALL REINFORCEMENT SHALL BE TMT BARS OF Fe -500 GRADE AND ABOVE CONFORMING TO RELEVANT IS CODES.
7. MIX FOR CONCRETE FOR ALL RCC WORKS SHALL BE M-25 (DESIGN MIX AS PER IS:456-2000. MINIMUM CEMENT CONTENT SHALL NOT BE LESS THAN 340 KG/CU.M
8. THE STRUCTURE HAS BEEN DESIGNED FOR MODERATE EXPOSURE & 2 HRS FIRE-RATING AS PER IS 456 - 2000
9. ALL TOP BARS OF BEAMS TERMINATING AT INTERMEDIATE SPAN SHALL BE CARRIED INTO THE ADJACENT SPAN FOR A LENGTH OF 0.3L OF THE ADJACENT SPAN OR Ld WHICH EVER IS MORE.
10. TOP OF PLINTH BEAM ON ALL EXTERNAL WALLS SHALL BE 150MM ABOVE EGL AND FOR ALL INTERNAL WALLS SHALL BE 40MM BELOW FFL.
11. IRRESPECTIVE OF WHAT IS SHOWN ALL TOP BARS OF BEAMS SHALL BE TAKEN $L_d + 10\phi$ INTO COLUMN AT DISCONTINUE END AS PER IS 13920 :2016 (REFER SHEET NO. A)
12. THE LEAN CONC SHALL BE LAID IN CONTINUOUS IF THE CLEAR GAP BETWEEN THE TWO ADJACENT FOOTINGS IS 250 OR LESS .

13. 230 MM THK BLOCK WALLS SHALL REST DIRECTLY ON PLINTH BEAMS BELOW.

14. NOMINAL COVER TO REINFORCEMENT SHALL BE AS UNDER:

- (i) SLAB :- 20 mm
- (ii) BEAM & RCC WALL :- 30 mm
- (iii) COLUMN :- 40 mm
- (iv) FOOTINGS :- 50 mm

15. IN ALL MEMBERS WHERE GRADE OF CONCRETE MIX USED IS M25 THE DEVELOPMENT LENGTH/LAP LENGTH FOR TOR STEEL REINFORCEMENT CONFORMING TO IS-1786 SHALL BE

LAP LENGTH / DEVELOPMENT LENGTH		
GRADE OF CONCRETE	BARS IN TENSION AND COL BARS	BARS IN COMPRESSION EXCEPT IN COL BARS
M - 25	50 DIA	40 DIA

16. THE STRUCTURE IS DESIGNED FOR (G+ 1) FLOORS ONLY.
17. THE STRUCTURE IS DESIGNED FOR EARTHQUAKE LOAD OF SEISMIC ZONE III.
18. THE STRUCTURE IS DESIGNED TO WITHSTAND WIND VELOCITY OF 39m/sec.

TENDER DRAWING



<p>NOTES :</p> <ol style="list-style-type: none"> 1. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE THE EXECUTION OF WORK. 2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED & FIGURED DIMENSIONS SHALL BE FOLLOWED. 3. USE CONCRETE - M25 (DESIGN MIX) FOR ALL RCC WORKS. 4. MINIMUM CEMENT CONTENT SHALL NOT BE LESS THAN 340 KG/CU.M FOR M25 CONCRETE. 5. HIGH YIELD STRENGTH DEFORMED BARS Fe 500 CONFIRMING IS 1786-1985 TO BE USED. 6. NO ADMIXTURES SHALL BE ADDED WITHOUT PERMISSION OF CONSULTANT. 	<ol style="list-style-type: none"> 7. CLEAR COVER TO REINFORCEMENT FOR FOOTING : 50MM, COLUMN 40MM, R.C.C WALL AND BEAM 30MM, SLAB 25MM. 8. DEVELOPMENT LENGTH OF BAR Ld AS 50 Ø IN TENSION, 40 Ø IN COMPRESSION, WHERE Ø = DIA OF BAR. 9. FOR ALL OTHER RCC GENERAL NOTES REFER SHEET NO A1 10. FOLLOW DUCTILE DETAILING AS PER IS 13920 (REFER SHEET NO.A) 11. STRUCTURE IS DESIGNED FOR (G+1) FLOORS ONLY. 12. THE SAFE LOAD BEARING CAPACITY OF SOIL IS 300 kN/Sq.M AT 3.0M DEPTH AS PER SOIL REPORT.
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PROJECT :
PROPOSED CONSTRUCTION OF INDIAN BANK'S RURAL SELF EMPLOYMENT TRAINING INSTITUTE AT THIRUVANAMALAI, TAMILNADU

TITLE :
RCC GENERAL NOTES

DRAWN : P.MURALINATHAN	DATE : 17/07/2025
CHECKED : C.ARUN	SHEET NO : A1
APPROVED : C.ARUN	REV NO :
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