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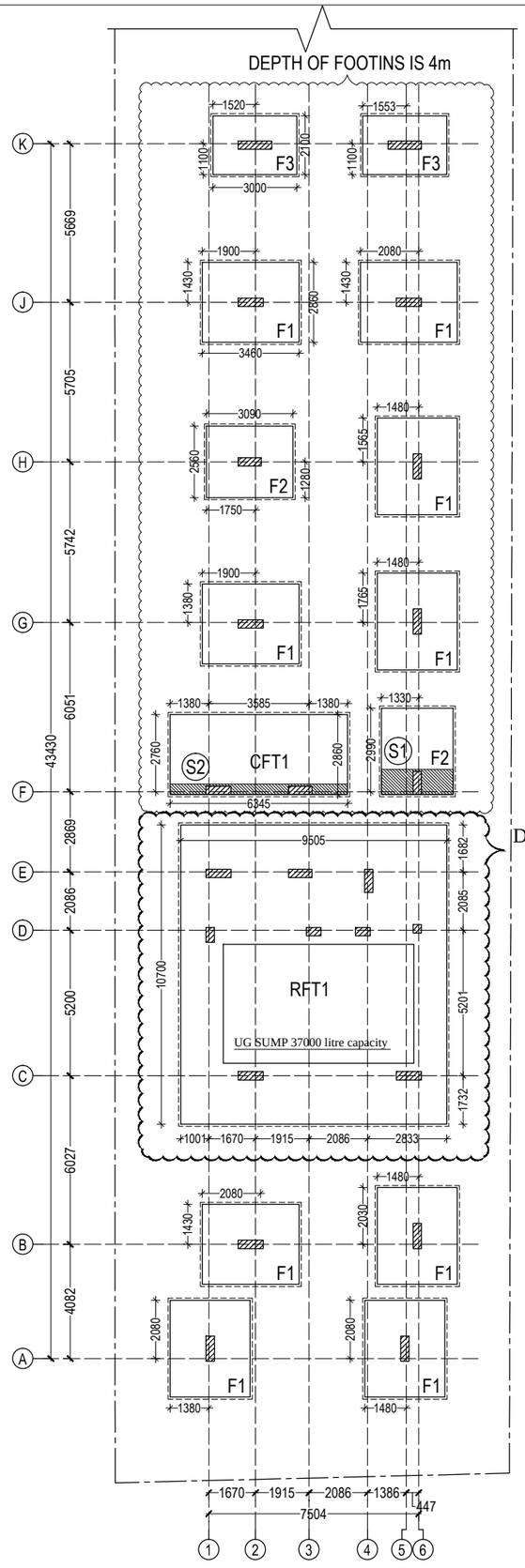
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

hello@verified.realestate
+91 9996 12 9996

Official Property Record

Digitally Verified Record - Powered by Verified RealEstate™





FOOTING SCHEDULE :

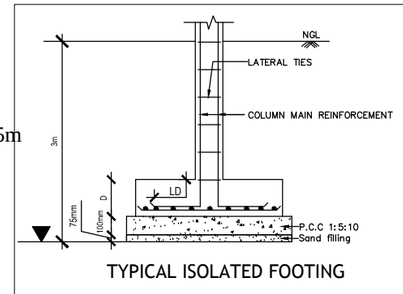
TYPE	L	B	D	BOTTOM REINFORCEMENT SHORT/LONG	TOP REINFORCEMENT SHORT/LONG	COLUMN SIZE	NO OF FOOTINGS
F1	3460	2860	900	Y16@125C/C	Y12@125C/C	900x300	09
F2	3690	3160	830	Y16@150C/C	Y12@150C/C	830x300	02
F3	3000	2100	900	Y16@150C/C	Y12@150C/C	1200X300	02
						TOTAL	13

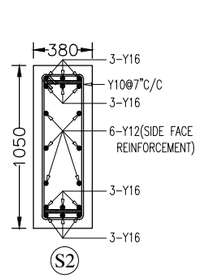
COMBINED FOOTING SCHEDULE :

TYPE	L	B	D	BOTTOM REINFORCEMENT SHORT/LONG	TOP REINFORCEMENT SHORT/LONG	NO OF COLUMNS	NO OF FOOTINGS
CFT1	6345	2860	980	Y12@150C/C	Y10@150C/C	02	01

RAFT FOOTING SCHEDULE :

TYPE	L	B	D	BOTTOM REINFORCEMENT SHORT/LONG	TOP REINFORCEMENT SHORT/LONG	NO OF COLUMNS	NO OF FOOTINGS
RFT1	10700	9505	1050	Y12@150C/C	Y10@150C/C	09	01





General Notes :–

1. ALL DIMENSIONS ARE IN FEET & INCHES UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWINGS, FOLLOW FIGURED DIMENSION ONLY.
3. USE M30 GRADE CONCRETE & Fe550 STEEL.
4. USE CLEAR COVER :
   - * 40mm FOR COLUMN.
   - * 25mm FOR BEAMS.
   - * FOR FOOTING(75mm–SIDE FACE)&(50mm–BOTTOM).
5. THIS BUILDING IS DESIGNED FOR STILT+5 FLOOR ONLY.
6. SBC OF SOIL CONSIDERED =300kN/Sqm @ 3m DEPTH.
7. DEVELOPMENT/LAP LENGTH FOR BARS IN TENSION = 57 DIA.
8. THIS DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL DRAWINGS.
9. THE CONSULTANT IS NOT RESPONSIBLE FOR THE FAILURES DUE TO IMPROPER EXECUTION OF WORK AT SITE.
10. THE CUSTOMER IS RESPONSIBLE FOR ACCURATE LOCATIONS OF BUILDING LINES AND BENCH MARKS AT THE BUILDING SITE.

REV	DESCRIPTION	DATE	REV BY	CHK BY
01	*Sump Revised*	*30.05.2024*	*Lithu.L*	*Aravind.R*

FOR DISCUSSION	
FOR APPPROVAL	✓
FOR CONSTRUCTION	

N

CLIENT :–

– –

PROJECT TITLE :–

Proposed Apartment @ Coimbatore

ARCHITECT NAME :–

M/s.Elysium

DRAWING TITLE :–

Footing Layout & Reinforcement Detail .

STRUCTURAL CONSULTANTS

METIS STRUCTURES — re enforcing dream

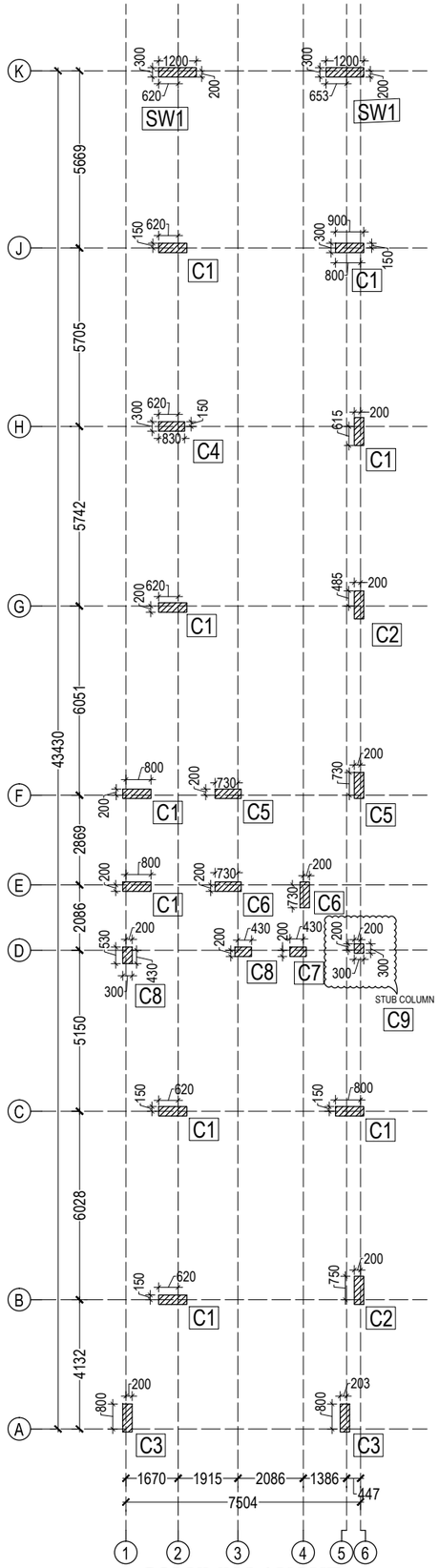
S.ARUN KUMAR, M.E.,(Struct)
9,9-1,Lakshmi Garden,
Sankara College Road,
Saravanampatti,
Coimbatore-641 035.
Mobile : 979 000 6296.

DRAWING NO

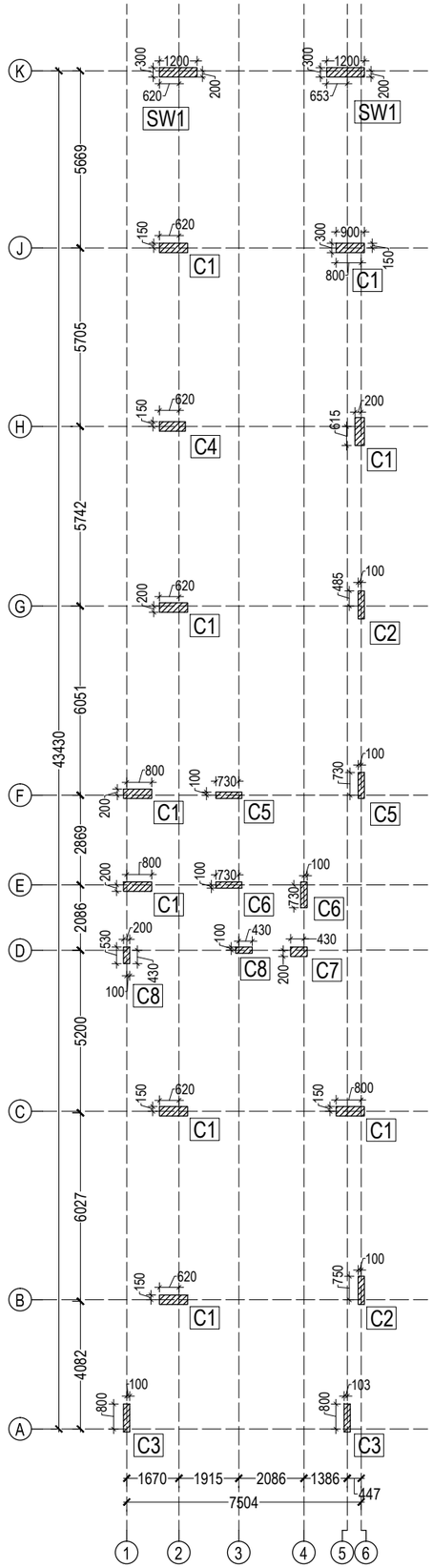
MS/2910/FD/01

R1

DESIGN BY :	ARAVIND.R	APPD BY :	S.ARUN KUMAR
DRAWN BY :	SURYA.S	DATE :	14.05.2024
CHKD BY :	ARAVIND.R	SH.SIZE : A3	SCALE NTS

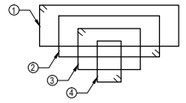
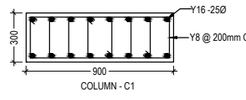
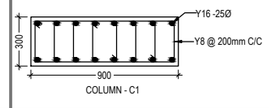
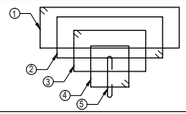
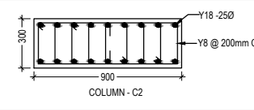
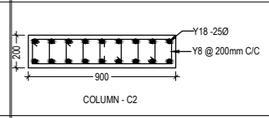
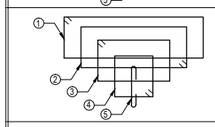
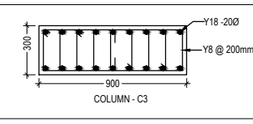
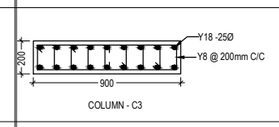
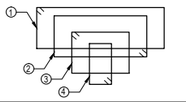
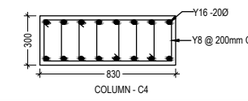
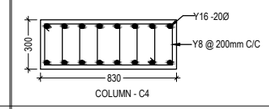
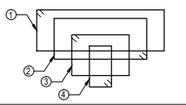
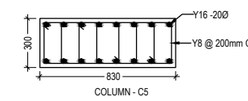
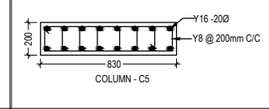
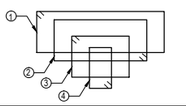
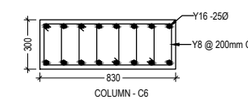
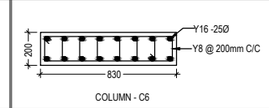
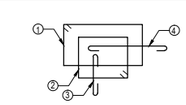
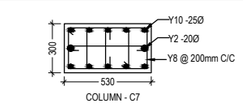
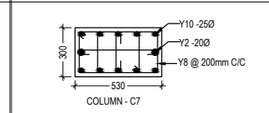
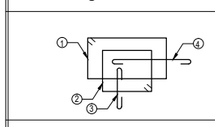
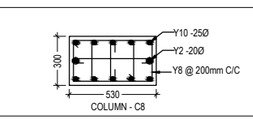
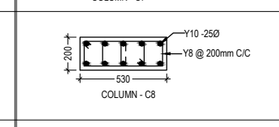
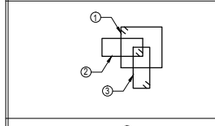
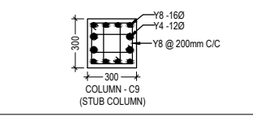
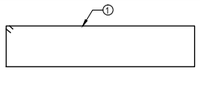
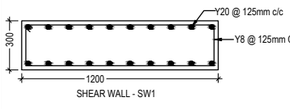
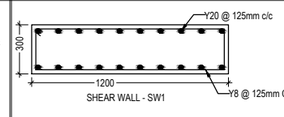


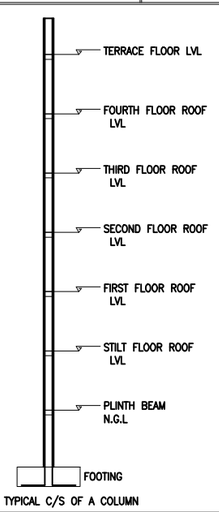
COLUMN LAYOUT
UPTO STILT ROOF LEVEL



COLUMN LAYOUT FROM STILT ROOF
LEVELTO TERRACE FLOOR LVL

COLUMN REINFORCEMENT DETAIL:

TIES PATTERN	UPTO STILT ROOF LEVEL	FROM STILT ROOF LEVEL TO TERRACE FLOOR LVL	NO.OF. COLUMNS
			09
			02
			02
			01
			02
			02
			01
			02
		-----	01
			02
		TOTAL	24



TYPICAL C/S OF A COLUMN

NOTES:–

– SMALLER DIA RODS

– LARGER DIA RODS

General Notes :–

1. ALL DIMENSIONS ARE IN FEET & INCHES UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWINGS, FOLLOW FIGURED DIMENSION ONLY.
3. USE M30 GRADE CONCRETE & Fe550 STEEL.
4. USE CLEAR COVER :
   - * 40mm FOR COLUMN.
   - * 25mm FOR BEAMS.
   - * FOR FOOTING(75mm–SIDE FACE)&(50mm–BOTTOM).
5. THIS BUILDING IS DESIGNED FOR STILT+5 FLOOR ONLY.
6. SBC OF SOIL CONSIDERED =300kN/Sqm @ 3m DEPTH.
7. DEVELOPMENT/LAP LENGTH FOR BARS IN TENSION = 57 DIA.
8. THIS DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL DRAWINGS.
9. THE CONSULTANT IS NOT RESPONSIBLE FOR THE FAILURES DUE TO IMPROPER EXECUTION OF WORK AT SITE.
10. THE CUSTOMER IS RESPONSIBLE FOR ACCURATE LOCATIONS OF BUILDING LINES AND BENCH MARKS AT THE BUILDING SITE.

REV	DESCRIPTION	DATE	REV BY	CHK BY
01	Sump Revised	30.05.2024	Lithu.L	Aravind.R

FOR DISCUSSION	
FOR APPROVAL	✓
FOR CONSTRUCTION	

N

CLIENT :–
– –

PROJECT TITLE :–
Proposed Apartment @ Coimbatore

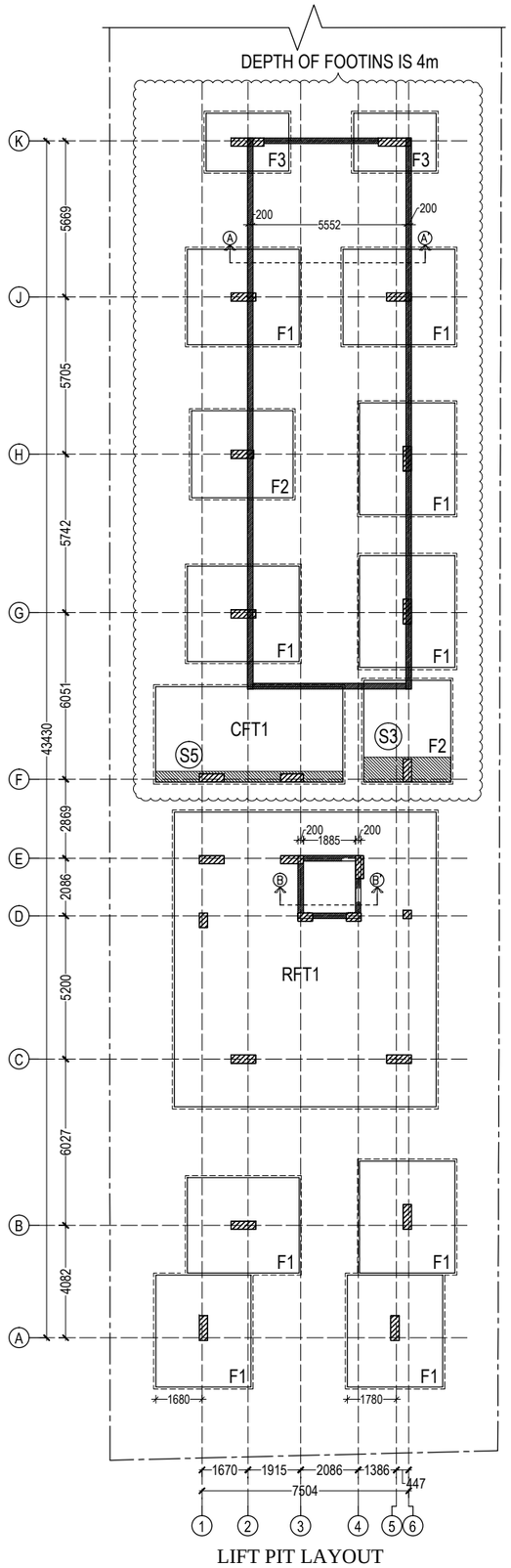
ARCHITECT NAME :–
M/s.Elysium

DRAWING TITLE :–
Column Layout & Reinforcement Detail .

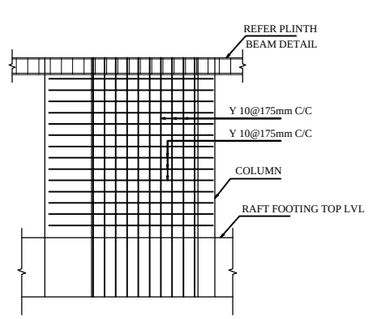
STRUCTURAL CONSULTANTS
METIS STRUCTURES
S.ARUN KUMAR, M.E.,(Struct)
9,9-1,Lakshmi Garden,
Sankara College Road,
Saravanampatti,
Coimbatore-641 035.
Mobile : 979 000 6296.

DRAWING NO
MS/2910/CD/02
R1

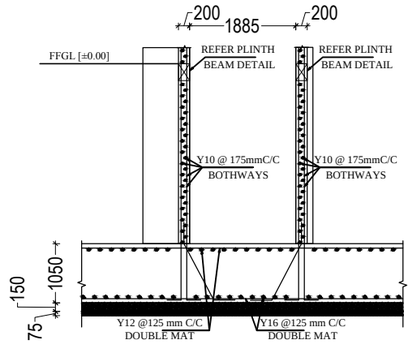
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DRAWN BY :	SURYA.S	DATE :	14.05.2024
CHKD BY :	ARAVIND.R	SH.SIZE : A3	SCALE NTS



LIFT PIT LAYOUT



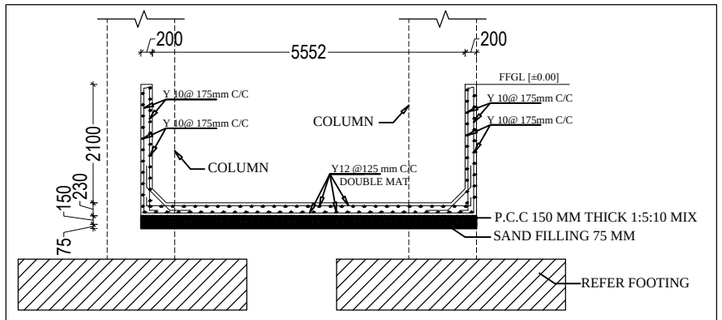
LONGITUDINAL SECTION



SECTION B-B'

LIFT PIT TYPICAL SECTION & DETAIL

SCALE 1:2

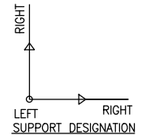


SCALE 1:2

SECTION A-A'

General Notes :–

1. ALL DIMENSIONS ARE IN "MILLIMETERS" UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWINGS, FOLLOW FIGURED DIMENSION ONLY.
3. USE M30 GRADE CONCRETE & Fe550 STEEL.
4. USE CLEAR COVER :
   - * 25mm FOR BEAMS.
   - * 20mm FOR SLABS.
5. DEVELOPMENT/LAP LENGTH FOR BARS IN TENSION = 57 DIA.
6. THIS DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL DRAWINGS.
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8. THE CUSTOMER IS RESPONSIBLE FOR ACCURATE LOCATIONS OF BUILDING LINES AND BENCH MARKS AT THE BUILDING SITE.



REV	DESCRIPTION	DATE	REV BY	CHK BY
01	Sump Revised	30.05.2024	Lithu.L	Aravind.R

FOR DISCUSSION	
FOR APPROVAL	✓
FOR CONSTRUCTION	

N

CLIENT :–

--

PROJECT TITLE :–

M/s RS.Puram Appartment.,

ARCHITECT NAME :–

M/s Elysium.,

DRAWING TITLE :–

Lift Pit Layout & Section Detal

STRUCTURAL CONSULTANTS

METIS STRUCTURES — re enforcing dream

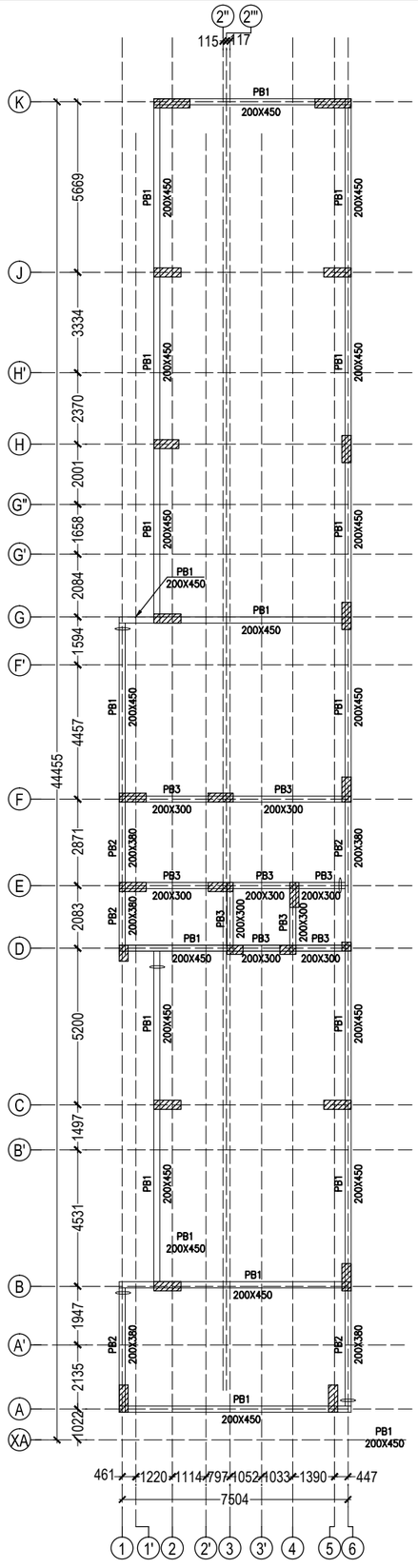
S.ARUN KUMAR, M.E.,(Struct)
9,9-1,Lakshmi Garden,
Sankara College Road,
Saravanampatti,
Coimbatore-641 035.
Mobile : 979 000 6296.

DRAWING NO

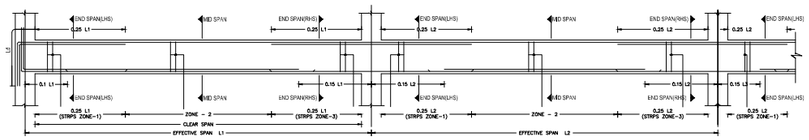
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R1

DESIGN BY :	ARAVIND R	APPD BY :	S.ARUN KUMAR
DRAWN BY :	SURYA S	DATE :	14.05.2024
CHKD BY :	ARAVIND R	SH.SIZE : A3	SCALE NTS

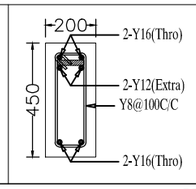
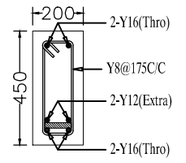
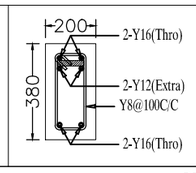
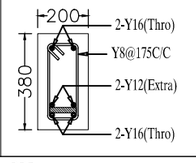
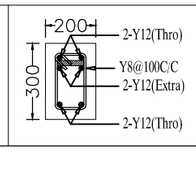
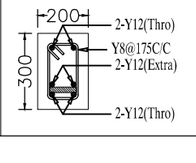


PLINTH BEAM LAYOUT @ 1.95m LVL



TYPICAL LONGITUDINAL SECTION

PLINTH BEAM REINFORCEMENT DETAIL:-

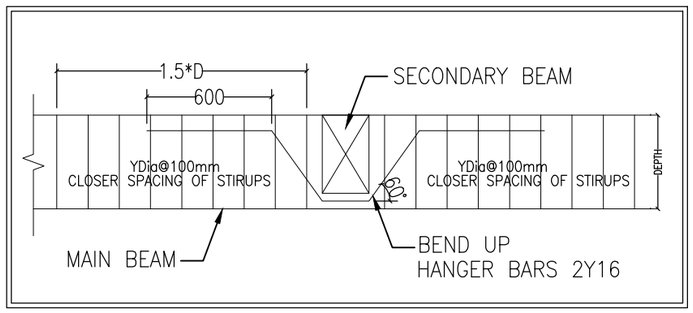
S.No	BEAM SIZE	BEAM DETAIL	
		END SPAN	MID SPAN
		BEAM –PB1	
1	200X450		
		BEAM –PB2	
2	200X380		
		BEAM –PB3	
3	200X300		

NOTE:

75mm ANCHORAGE(Ld) SHOULD BE PROVIDED AT THE MARKED BEAM ENDS.

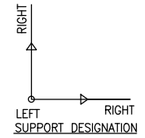
–PROVIDE 16mm,20mm OR 25mm DIA SPACER ROD

TYPICAL SHEAR ROD DETAILS



General Notes :–

1. ALL DIMENSIONS ARE IN "MILLIMETERS" UNLESS OTHERWISE MENTIONED.
2. DO NOT SCALE THE DRAWINGS, FOLLOW FIGURED DIMENSION ONLY.
3. USE M30 GRADE CONCRETE & Fe550 STEEL.
4. USE CLEAR COVER :
   - * 25mm FOR BEAMS.
   - * 20mm FOR SLABS.
5. DEVELOPMENT/LAP LENGTH FOR BARS IN TENSION = 57 DIA.
6. THIS DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL DRAWINGS.
7. THE CONSULTANT IS NOT RESPONSIBLE FOR THE FAILURES DUE TO IMPROPER EXECUTION OF WORK AT SITE.
8. THE CUSTOMER IS RESPONSIBLE FOR ACCURATE LOCATIONS OF BUILDING LINES AND BENCH MARKS AT THE BUILDING SITE.



REV	DESCRIPTION	DATE	REV BY	CHK BY
01	Sump Revised	30.05.2024	Lithu.L	Aravind.R

FOR DISCUSSION	
FOR APPROVAL	✓
FOR CONSTRUCTION	

N

CLIENT :–

--

PROJECT TITLE :–

M/s RS.Puram Appartment.,

ARCHITECT NAME :–

M/s Elysium.,

DRAWING TITLE :–

Plinth Beam Layout & Detail.,

STRUCTURAL CONSULTANTS

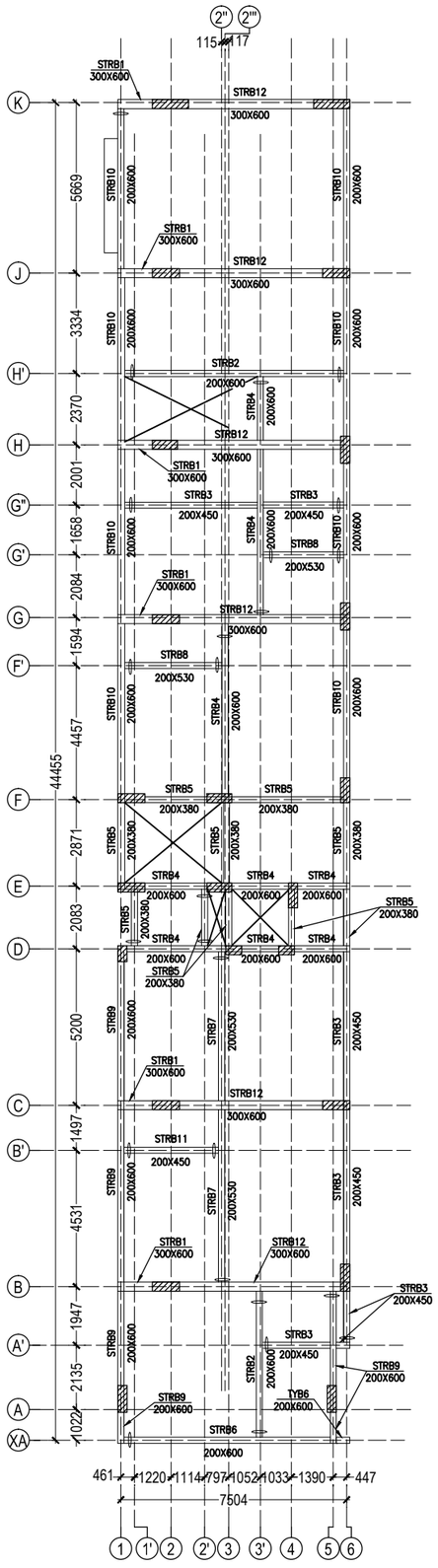
METIS STRUCTURES

S.ARUN KUMAR, M.E.,(Struct)
9,9-1,Lakshmi Garden,
Sankara College Road,
Saravanampatti,
Coimbatore-641 035.
Mobile : 979 000 6296.

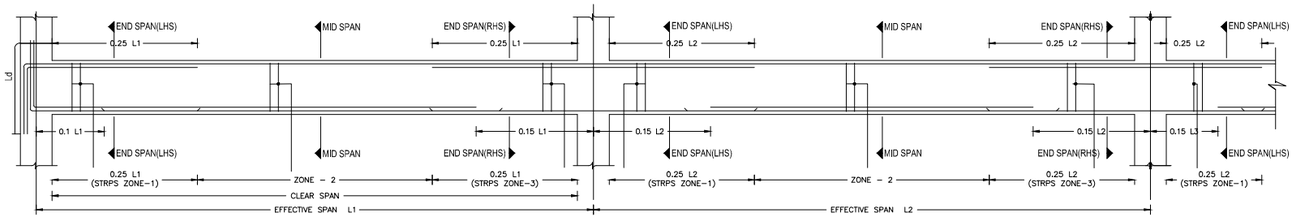
DRAWING NO: MS/2910/PBD/03

R1

DESIGN BY :	ARAVIND R	APPD BY :	S.ARUN KUMAR
DRAWN BY :	SURYA S	DATE :	14.05.2024
CHKD BY :	ARAVIND R	SH.SIZE : A3	SCALE NTS



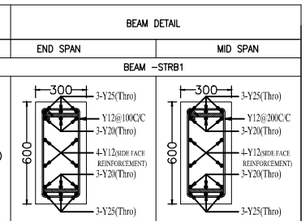
STILT FLOOR ROOF BEAM LAYOUT



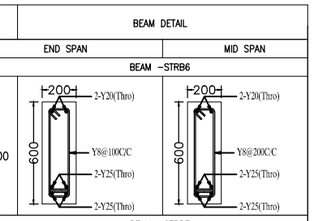
TYPICAL LONGITUDINAL SECTION

STILT FLOOR ROOF BEAM REINFORCEMENT DETAIL:-

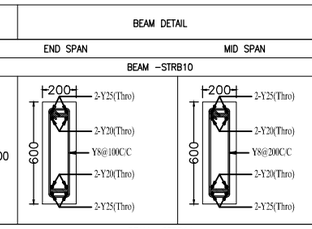
S.No	BEAM SIZE	BEAM DETAIL	
		END SPAN	MID SPAN
1	300X600	BEAM –STRB1	
2	200X600	BEAM –STRB2	
3	200X450	BEAM –STRB3	
4	200X600	BEAM –STRB4	
5	200X380	BEAM –STRB5	



S.No	BEAM SIZE	BEAM DETAIL	
		END SPAN	MID SPAN
6	200X600	BEAM –STRB6	
7	200X530	BEAM –STRB7	
8	200X530	BEAM –STRB8	
9	200X600	BEAM –STRB9	



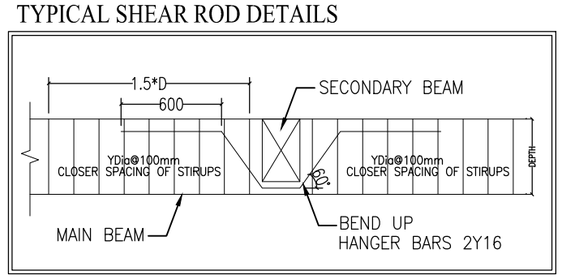
S.No	BEAM SIZE	BEAM DETAIL	
		END SPAN	MID SPAN
10	200X600	BEAM –STRB10	
11	200X450	BEAM –STRB11	
12	300X600	BEAM –STRB12	



NOTE:

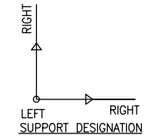
- 75mm ANCHORAGE(Ld) SHOULD BE PROVIDED AT THE MARKED BEAM ENDS.
- –PROVIDE 16mm,20mm OR 25mm DIA SPACER ROD

TYPICAL SHEAR ROD DETAILS



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01	Sump Revised	30.05.2024	Lithu.L	Aravind.R

FOR DISCUSSION	
FOR APPROVAL	✓
FOR CONSTRUCTION	

N

CLIENT :–
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PROJECT TITLE :–
M/s RS.Puram Appartment.,

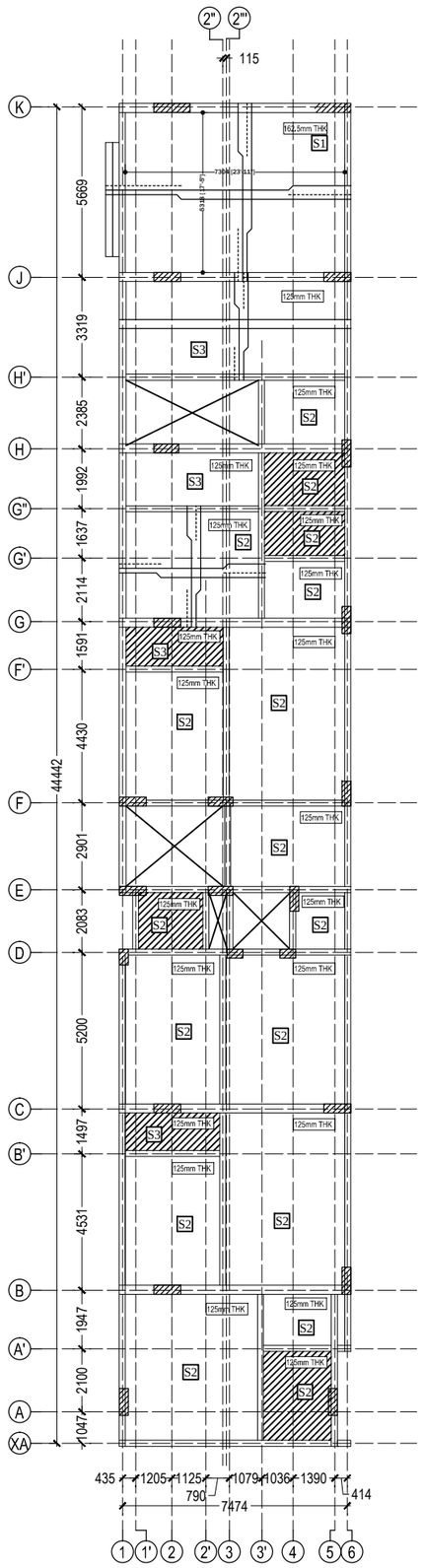
ARCHITECT NAME :–
M/s Elysium.,

DRAWING TITLE :–
Stilt Floor Roof Beam Layout & Detail.,

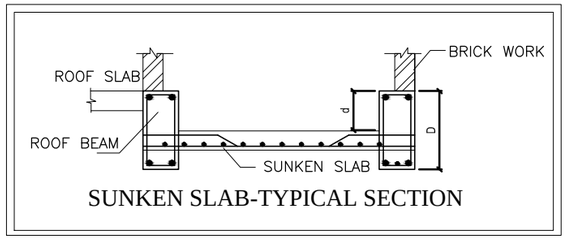
STRUCTURAL CONSULTANTS
METIS STRUCTURES — re enforcing dream
S.ARUN KUMAR, M.E.,(Struct)
9,9-1,Lakshmi Garden,
Sankara College Road,
Saravanampatti,
Coimbatore-641 035.
Mobile : 979 000 6296.

DRAWING NO
MS/2910/STBD/04
R1

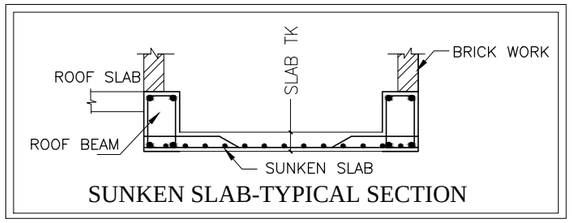
DESIGN BY :	ARAVIND R	APPD BY :	S.ARUN KUMAR
DRAWN BY :	SURYA S	DATE :	14.05.2024
CHKD BY :	ARAVIND R	SH.SIZE : A3	SCALE NTS



STILT FLOOR ROOF SLAB
LAYOUT & DETAIL



SUNKEN SLAB-TYPICAL SECTION

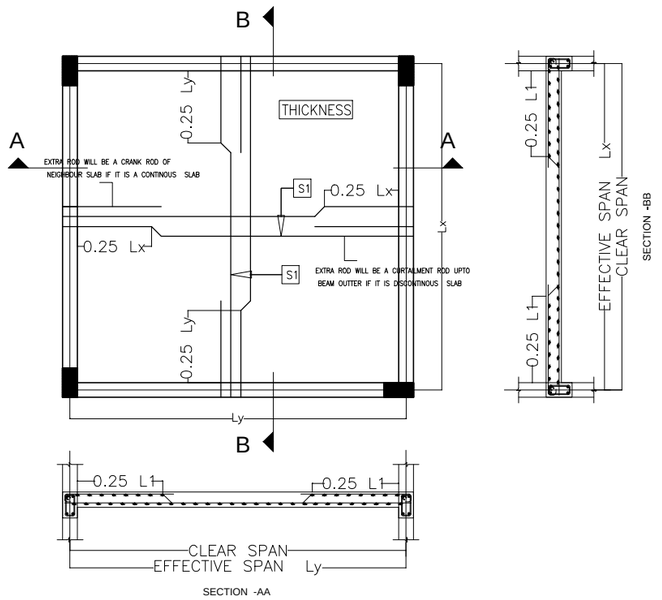


SUNKEN SLAB-TYPICAL SECTION

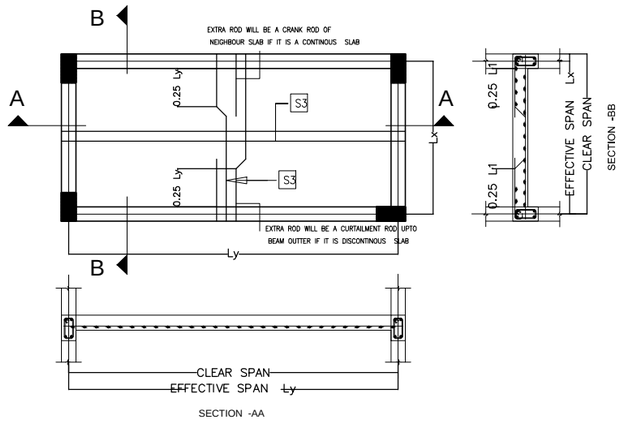
– SUNKEN PORTION

S.NO	SLAB NAME	SLAB THICKNESS	REINFORCEMENT DETAIL		SLAB TYPE
			SHORTER SPAN	LONGER SPAN	
01	S1	162.5mm	10mmø@125mmc/c	10mmø@125mmc/c	TWO WAY
02	S2	125mm	10mmø@200mmc/c	10mmø@200mmc/c	TWO WAY
03	S3	125mm	10mmø@200mmc/c	8mmø@200mmc/c	ONE WAY

TYPICAL SECTION OF TWO-WAY SLAB (Ly / Lx < 2).

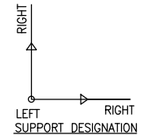


TYPICAL SECTION OF ONE - WAY SLAB (Ly \ Lx > 2).



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6. THIS DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL DRAWINGS.
7. THE CONSULTANT IS NOT RESPONSIBLE FOR THE FAILURES DUE TO IMPROPER EXECUTION OF WORK AT SITE.
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SUPPORT DESIGNATION

REV	DESCRIPTION	DATE	REV BY	CHK BY
01	Sump Revised	30.05.2024	Lithu.L	Aravind.R

FOR DISCUSSION	
FOR APPROVAL	✓
FOR CONSTRUCTION	

N

CLIENT :–

--

PROJECT TITLE :–

M/s RS.Puram Appartment.,

ARCHITECT NAME :–

M/s Elysium.,

DRAWING TITLE :–

Stilt Floor Roof Slab Layout & Detail.,

STRUCTURAL CONSULTANTS

METIS STRUCTURES re enforcing dream

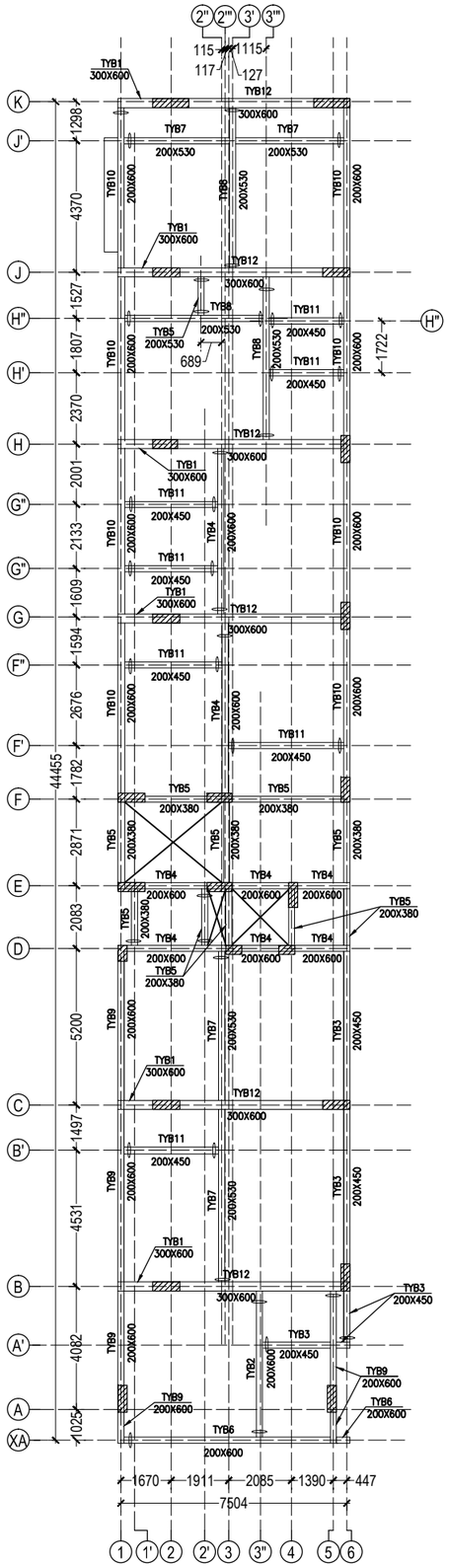
S.ARUN KUMAR, M.E.,(Struct)
9,9-1,Lakshmi Garden,
Sankara College Road,
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Coimbatore-641 035.
Mobile : 979 000 6296.

DRAWING NO

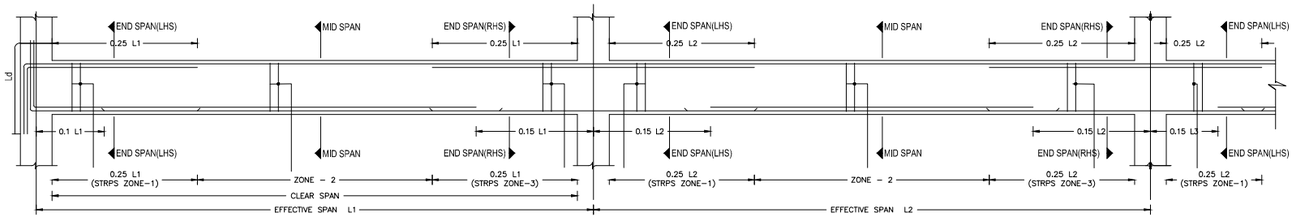
MS/2910/STBD/04.A

R1

DESIGN BY :	ARAVIND R	APPD BY :	S.ARUN KUMAR
DRAWN BY :	SURYA S	DATE :	14.05.2024
CHKD BY :	ARAVIND R	SH.SIZE : A3	SCALE NTS



TYPICAL FLOOR ROOF BEAM LAYOUT



TYPICAL LONGITUDINAL SECTION

TYPICAL FLOOR ROOF BEAM REINFORCEMENT DETAIL:-

S.No	BEAM SIZE	BEAM DETAIL	
		END SPAN	MID SPAN
		BEAM –TYB1	
1	300X600	3-Y25(Thro), Y12@100C/C, 3-Y20(Thro), 4-Y12(SIDE FACE REINFORCEMENT), 3-Y20(Thro), 3-Y25(Thro)	3-Y25(Thro), Y12@200C/C, 3-Y20(Thro), 4-Y12(SIDE FACE REINFORCEMENT), 3-Y20(Thro), 3-Y25(Thro)
		BEAM –TYB2	
2	200X600	2-Y16(Thro), Y8@100C/C, 2-Y16(Thro), 2-Y20(Thro)	2-Y16(Thro), Y8@200C/C, 2-Y16(Thro), 2-Y20(Thro)
		BEAM –TYB3	
3	200X450	2-Y16(Thro), Y8@100C/C, 2-Y16(Thro), 2-Y16(Thro), 2-Y16(Thro)	2-Y16(Thro), Y8@175C/C, 2-Y16(Thro), 2-Y16(Thro), 2-Y16(Thro)
		BEAM –TYB4	
4	200X600	2-Y20(Thro), 2-Y20(Thro), Y8@100C/C, 2-Y16(Thro), 2-Y20(Thro)	2-Y20(Thro), 2-Y20(Thro), Y8@125C/C, 2-Y16(Thro), 2-Y20(Thro)
		BEAM –TYB5	
5	200X380	2-Y16(Thro), Y8@100C/C, 2-Y16(Thro)	2-Y16(Thro), Y8@200C/C, 2-Y16(Thro)

S.No	BEAM SIZE	BEAM DETAIL	
		END SPAN	MID SPAN
		BEAM –TYB6	
6	200X600	2-Y20(Thro), Y8@100C/C, 2-Y25(Thro), 2-Y25(Thro)	2-Y20(Thro), Y8@200C/C, 2-Y25(Thro), 2-Y25(Thro)
		BEAM –TYB7	
7	200X530	2-Y20(Thro), Y8@100C/C, 2-Y20(Thro), 2-Y20(Thro)	2-Y20(Thro), Y8@200C/C, 2-Y20(Thro), 2-Y20(Thro)
		BEAM –TYB8	
8	200X530	2-Y20(Thro), Y8@100C/C, 2-Y16(Thro), 2-Y20(Thro)	2-Y20(Thro), Y8@200C/C, 2-Y16(Thro), 2-Y20(Thro)
		BEAM –TYB9	
9	200X600	2-Y20(Thro), 2-Y20(Thro), Y8@100C/C, 2-Y16(Thro), 2-Y20(Thro)	2-Y20(Thro), 2-Y20(Thro), Y8@200C/C, 2-Y16(Thro), 2-Y20(Thro)

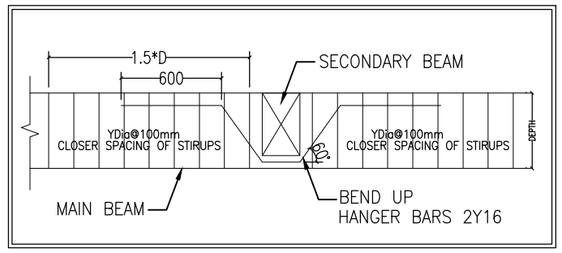
S.No	BEAM SIZE	BEAM DETAIL	
		END SPAN	MID SPAN
		BEAM –TYB10	
10	200X600	2-Y25(Thro), 2-Y20(Thro), Y8@100C/C, 2-Y20(Thro), 2-Y25(Thro)	2-Y25(Thro), 2-Y20(Thro), Y8@200C/C, 2-Y20(Thro), 2-Y25(Thro)
		BEAM –TYB11	
11	200X450	2-Y16(Thro), Y8@100C/C, 2-Y16(Thro), 2-Y16(Thro)	2-Y16(Thro), Y8@200C/C, 2-Y16(Thro), 2-Y16(Thro)
		BEAM –TYB12	
12	300X600	3-Y25(Thro), Y10@100C/C, 3-Y20(Thro), 4-Y12(SIDE FACE REINFORCEMENT), 3-Y20(Thro), 3-Y25(Thro)	3-Y25(Thro), Y10@200C/C, 3-Y20(Thro), 4-Y12(SIDE FACE REINFORCEMENT), 3-Y20(Thro), 3-Y25(Thro)

NOTE:

75mm ANCHORAGE(Ld) SHOULD BE PROVIDED AT THE MARKED BEAM ENDS.

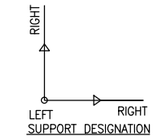
–PROVIDE 16mm,20mm OR 25mm DIA SPACER ROD

TYPICAL SHEAR ROD DETAILS



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REV	DESCRIPTION	DATE	REV BY	CHK BY
01	Sump Revised	30.05.2024	Lithu.L	Aravind.R

FOR DISCUSSION	
FOR APPROVAL	✓
FOR CONSTRUCTION	

N

CLIENT :–

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PROJECT TITLE :–

M/s RS.Puram Appartment.,

ARCHITECT NAME :–

M/s Elysium.,

DRAWING TITLE :–

Typical Floor Roof Beam Layout & Detail.,

STRUCTURAL CONSULTANTS

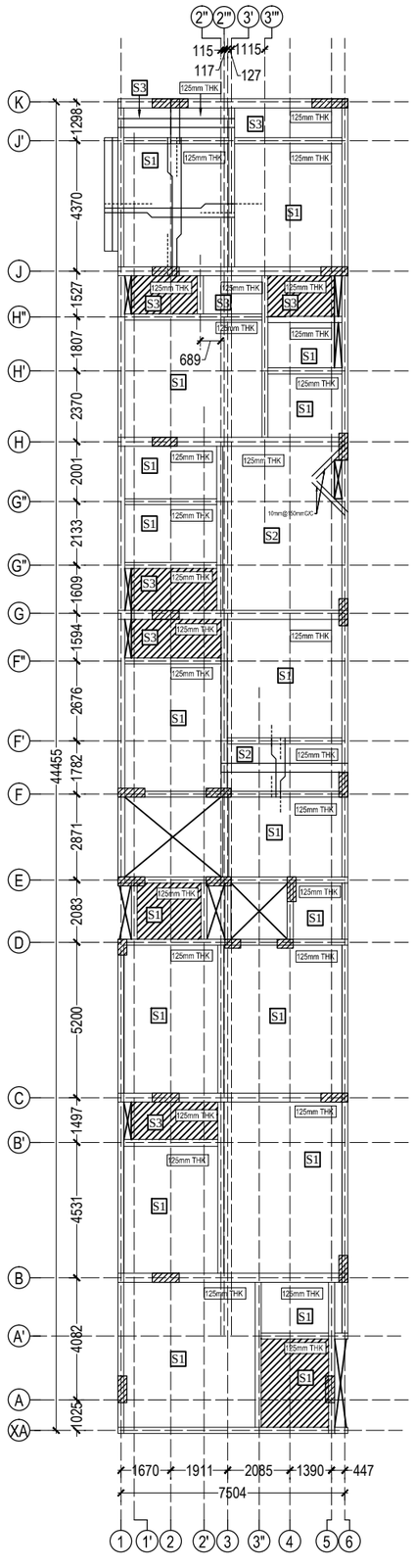
METIS STRUCTURES re enforcing dream

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Mobile : 979 000 6296.

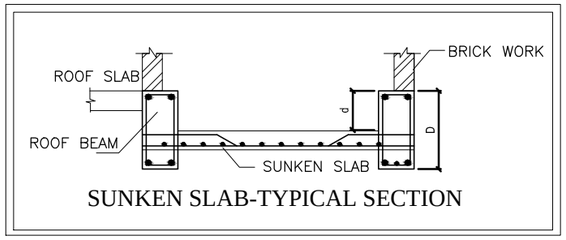
DRAWING NO: MS/2910/TYBD/05

R1

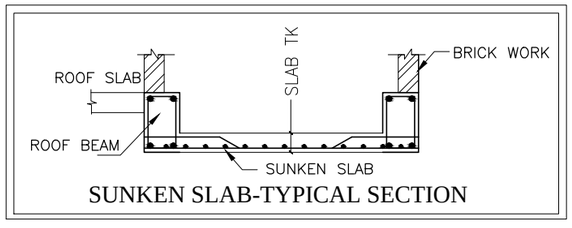
DESIGN BY :	ARAVIND R	APPD BY :	S.ARUN KUMAR
DRAWN BY :	SURYA S	DATE :	14.05.2024
CHKD BY :	ARAVIND R	SH.SIZE : A3	SCALE NTS



TYPICAL FLOOR ROOF SLAB
LAYOUT & DETAIL



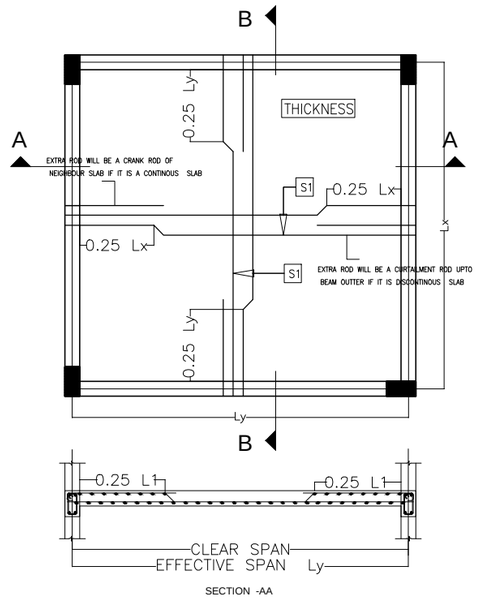
SUNKEN SLAB-TYPICAL SECTION



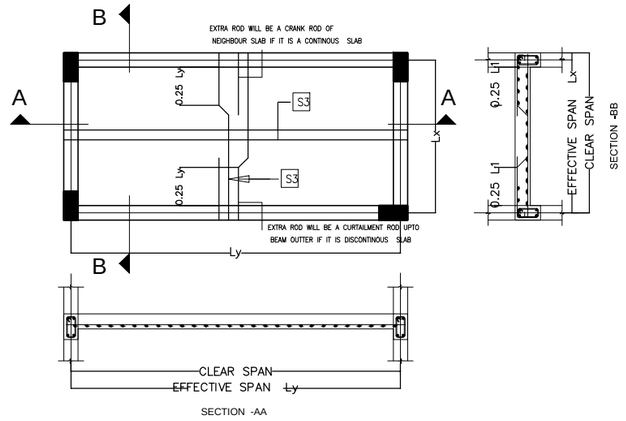
SUNKEN SLAB-TYPICAL SECTION

– SUNKEN PORTION

TYPICAL SECTION OF TWO-WAY SLAB (Ly / Lx < 2).



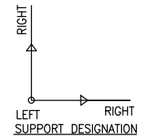
TYPICAL SECTION OF ONE - WAY SLAB (Ly \ Lx > 2).



S.NO	SLAB NAME	SLAB THICKNESS	REINFORCEMENT DETAIL		SLAB TYPE
			SHORTER SPAN	LONGER SPAN	
01	S1	125mm	10mmø@200mmc/c	10mmø@200mmc/c	TWO WAY
02	S2	125mm	10mmø@200mmc/c	8mmø@200mmc/c	ONE WAY
03	S3	125mm	8mmø@200mmc/c	8mmø@200mmc/c	DOUBLE MAT

General Notes :–

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2. DO NOT SCALE THE DRAWINGS, FOLLOW FIGURED DIMENSION ONLY.
3. USE M30 GRADE CONCRETE & Fe550 STEEL.
4. USE CLEAR COVER :
   * 25mm FOR BEAMS.
   * 20mm FOR SLABS.
5. DEVELOPMENT/LAP LENGTH FOR BARS IN TENSION = 57 DIA.
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REV	DESCRIPTION	DATE	REV BY	CHK BY
01	*Sump Revised*	*30.05.2024*	*Lithu.L*	*Aravind.R*

FOR DISCUSSION	
FOR APPROVAL	✓
FOR CONSTRUCTION	

N

CLIENT :–
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PROJECT TITLE :–
M/s RS.Puram Appartment.,

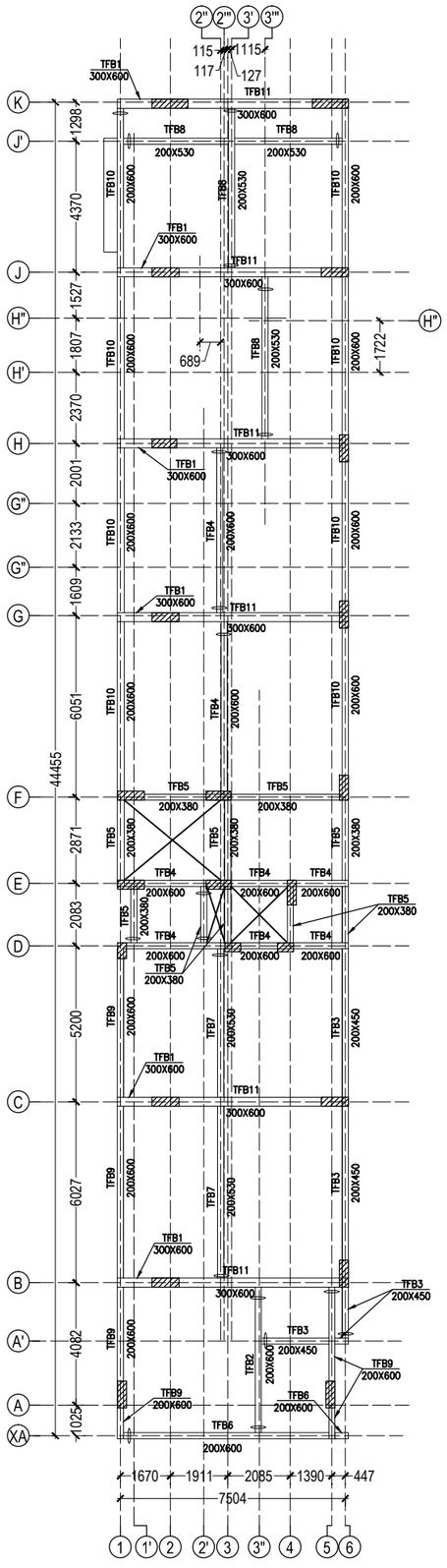
ARCHITECT NAME :–
M/s Elysium.,

DRAWING TITLE :–
Typical Floor Roof Slab Layout & Detail.,

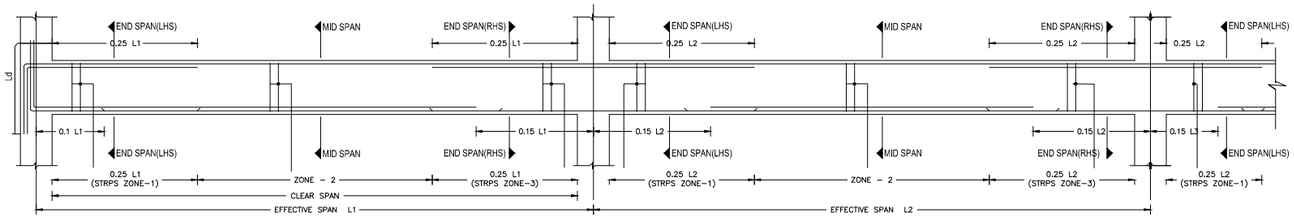
STRUCTURAL CONSULTANTS
METIS STRUCTURES re enforcing dream
S.ARUN KUMAR, M.E.,(Struct)
9,9-1,Lakshmi Garden,
Sankara College Road,
Saravanampatti,
Coimbatore-641 035.
Mobile : 979 000 6296.

DRAWING NO
MS/2910/TYBD/05.A
R1

DESIGN BY :	ARAVIND R	APPD BY :	S.ARUN KUMAR
DRAWN BY :	SURYA S	DATE :	14.05.2024
CHKD BY :	ARAVIND R	SH.SIZE : A3	SCALE NTS



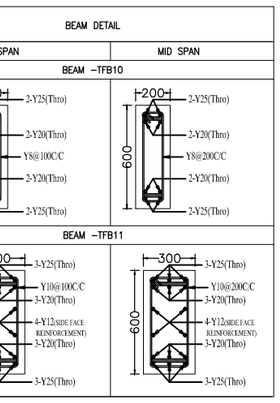
TERRACE FLOOR BEAM LAYOUT



TYPICAL LONGITUDINAL SECTION

TERRACE FLOOR BEAM REINFORCEMENT DETAIL:-

S.No	BEAM SIZE	BEAM DETAIL	
		END SPAN	MID SPAN
1	300X600	BEAM –TFB1	
2	200X600	BEAM –TFB2	
3	200X450	BEAM –TFB3	
4	200X600	BEAM –TFB4	
5	200X380	BEAM –TFB5	
6	200X600	BEAM –TFB6	
7	200X530	BEAM –TFB7	
8	200X530	BEAM –TFB8	
9	200X600	BEAM –TFB9	
10	200X600	BEAM –TFB10	
11	300X600	BEAM –TFB11	

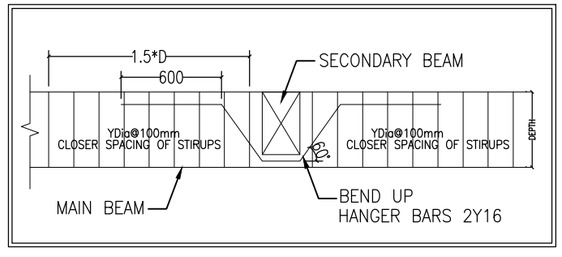


NOTE:

75mm ANCHORAGE(Ld) SHOULD BE PROVIDED AT THE MARKED BEAM ENDS.

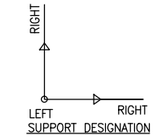
–PROVIDE 16mm,20mm OR 25mm DIA SPACER ROD

TYPICAL SHEAR ROD DETAILS



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REV	DESCRIPTION	DATE	REV BY	CHK BY
01	Sump Revised	30.05.2024	Lithu.L	Aravind.R

FOR DISCUSSION
FOR APPROVAL ✓
FOR CONSTRUCTION

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CLIENT :–
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PROJECT TITLE :–
M/s RS.Puram Appartment.,

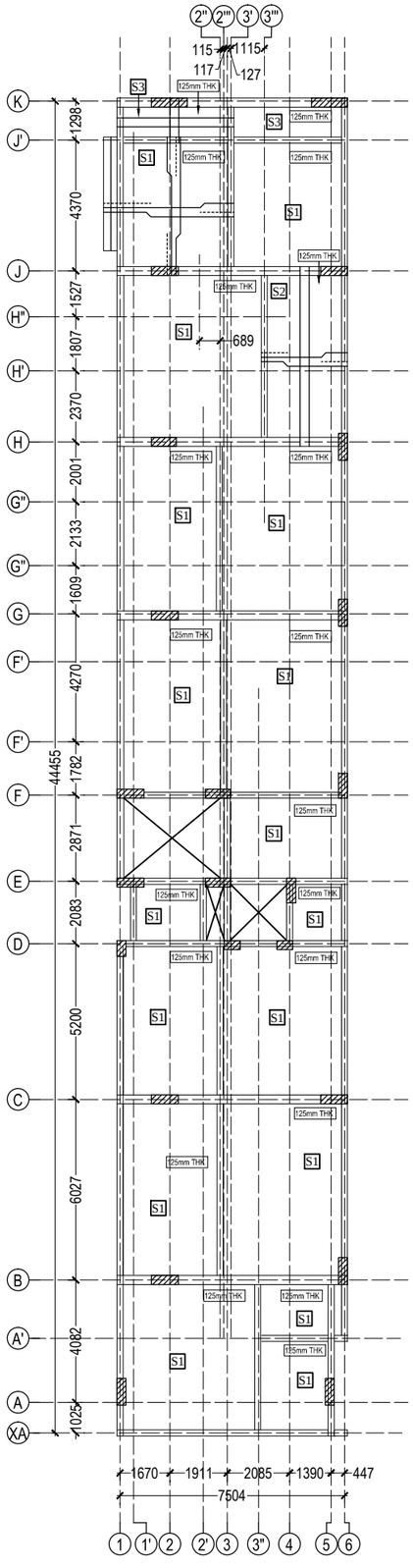
ARCHITECT NAME :–
M/s Elysium.,

DRAWING TITLE :–
Teerace Floor Beam Layout & Detail.,

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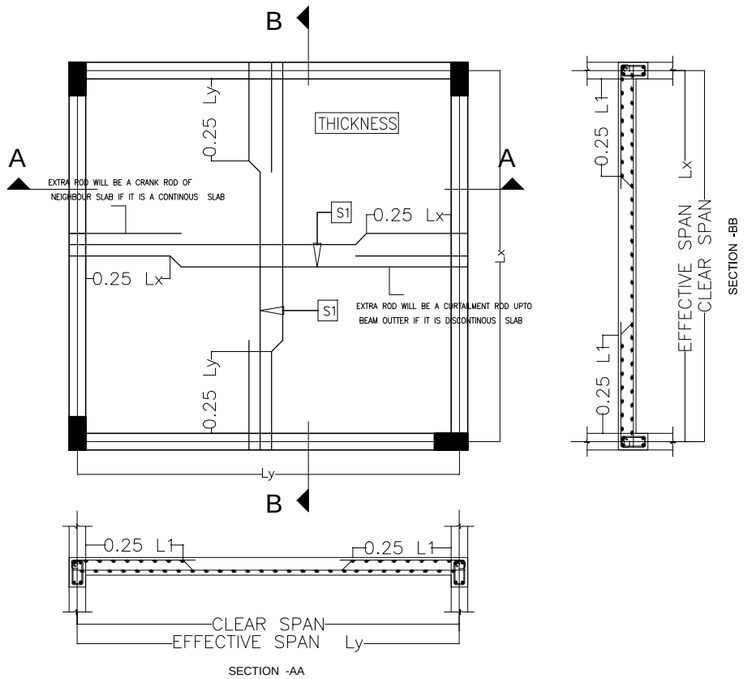
DRAWING NO
MS/2910/TFBD/06
R1

DESIGN BY :	ARAVIND R	APPD BY :	S.ARUN KUMAR
DRAWN BY :	SURYA S	DATE :	14.05.2024
CHKD BY :	ARAVIND R	SH.SIZE : A3	SCALE NTS

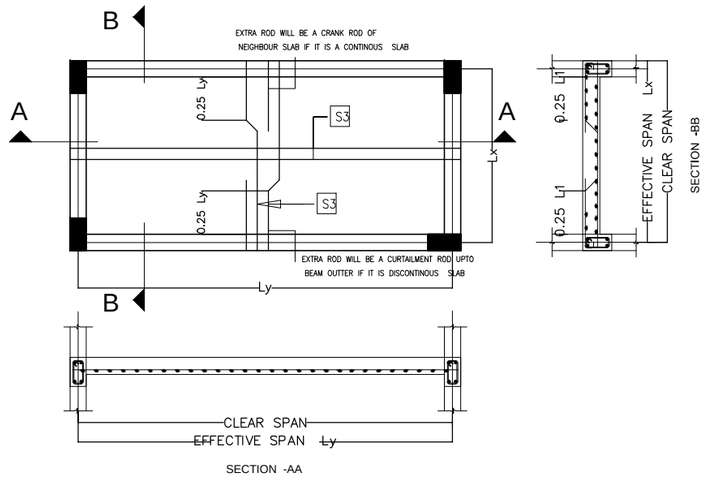


TERRACE FLOOR SLAB
LAYOUT & DETAIL

TYPICAL SECTION OF TWO-WAY SLAB (Ly / Lx < 2).



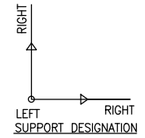
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FOR DISCUSSION	
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PROJECT TITLE :-
M/s RS.Puram Appartment.,

ARCHITECT NAME :-
M/s Elysium.,

DRAWING TITLE :-
Terrace Floor Slab Layout & Detail.,

STRUCTURAL CONSULTANTS
METIS STRUCTURES
S.ARUN KUMAR, M.E.,(Struct)
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DESIGN BY :	ARAVIND R	APPD BY :	S.ARUN KUMAR
DRAWN BY :	SURYA S	DATE :	14.05.2024
CHKD BY :	ARAVIND R	SH.SIZE : A3	SCALE NTS



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