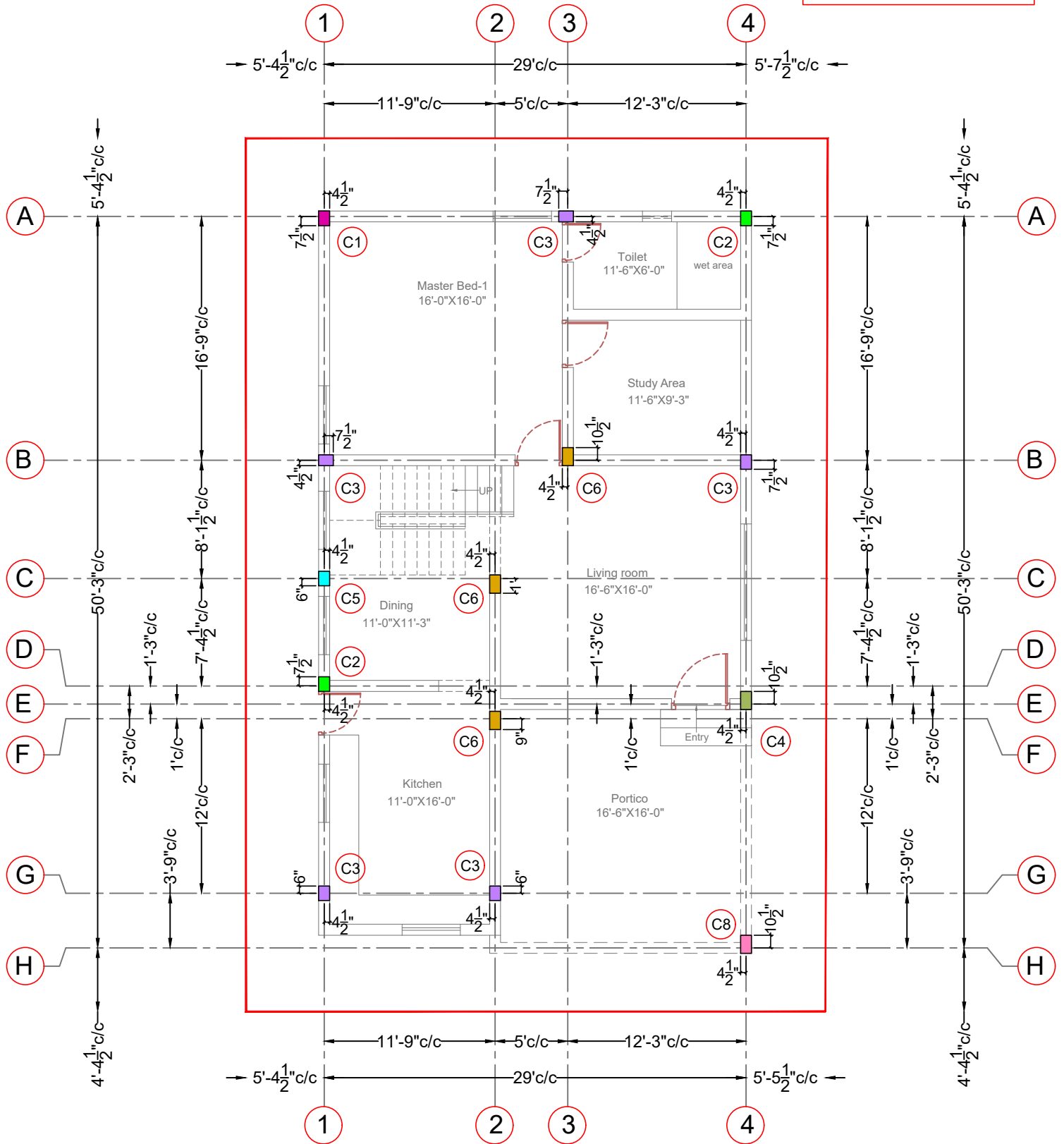


BLOCK-A, VILLA-1, EAST FACING



GENERAL NOTES

- 1) All dimensions are in foot and inches.
- 2) Use concrete mix: M20
- 3) The reinforcement shall be High Strength bars of Grade Fe 500
- 4) Clear cover to the reinforcement for Footing:50mm, Column:40mm, Beam:30mm, Slab:15mm
- 5) Provide lap length 50D for Beam
- 6) No admixtures shall be added without permission of consultant.
- 7) Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.
- 8) Structural Engineer's responsibility is limited to designing and issuance of structural drawing only
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P. Senthil Kumar
P. SENTHIL KUMAR M.E. (STRUCT.) CIV
 Reg No: Coimbatore LPA/SE/GR-1/19/03/003
 33-A, 1st Floor, Kalidas Street,
 Thiruvananthapuram, Coimbatore - 641 009.
 Cell. 97866 00478

Notes:

- 1) This drawing should be read along with Architectural drawing.
- 2) Foundation Designed For Ground Plus Two floors.
- 3) All centre line dimensions should be checked before marking with site measurement



DATE:17/08/24

Scale: NTS

FILE NAME

PROJECT CODE : APT 24-SD-801-07

DWG NO : 801-07/SD/FD/004a

DRAWN BY : NJ

CHECKED BY : SK

REV NO & DATE : 1 (18-09-2024)

E:\2024\2024 Drawings\3 Apartment\SD-801-07-
 Elaria Villa\Structural\1. Block A - Villa 1 (East Facing-4BHK - Type 1)

PROJECT:

PROPOSED 'ELSRIA VILLA'
 AT CHINNAVEDAMPATTI,
 COIMBATORE

BLOCK-A, VILLA-1, EAST FACING

DRAWING TITLE:

COLUMN CENTERLINE KEY PLAN

PROMOTERS:

Sree Daksha
 PROPERTY DEVELOPERS (INDIA) PVT. LTD.

STRUCTURAL CONSULTANT:

P.SENTHILKUMAR,M.E.,(Struct)
THE DESIGN ONE
 Civil and Structural Consultancy,
 30-A,First floor,Kalidas road,Ramnager.,
 Coimbatore - 9. Ph:97866 00478,
 E-Mail: thedesignone2000@gmail.com
 (O): 0422-4373478, 98422 60478.

This architectural floor plan shows a house with the following rooms and dimensions:

- Master Bed-1:** 16'-0" X 16'-0"
- Study Area:** 11'-6" X 9'-3"
- Living room:** 16'-6" X 16'-0"
- Dining:** 11'-0" X 11'-3"
- Kitchen:** 11'-0" X 16'-0"
- Portico:** 16'-6" X 16'-0"
- Toilet:** 11'-6" X 6'-0"
- Entry:** 5'-3" X 5'-3"

The plan includes various structural elements and dimensions:

- Columns:** Labeled C1 through C8, with dimensions such as 2'-3", 2'-6", 2'-11/2", 2'-4 1/2", 2'-9", 2'-7 1/2", and 2'-6".
- Dimensions:** Horizontal dimensions include 5'-4 1/2" c/c, 11'-9" c/c, 5' c/c, 12'-3" c/c, and 29' c/c. Vertical dimensions include 5'-4 1/2" c/c, 16'-9" c/c, 8'-1 1/2" c/c, 7'-4 1/2" c/c, 1'-3" c/c, 1' c/c, 2'-3" c/c, 3'-9" c/c, and 4'-4 1/2" c/c.
- Other Features:** A wet area, a UP (upstairs) staircase, and a Portico are also indicated.

1) All dimensions are in foot and inches.	5) Clear cover to the reinforcement for Footing:50mm, Column:40mm, Beam:30mm, Slab:15mm	8) Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.	10) Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work.
2) Use concrete mix: M20	6) Provide lap length 50D for Beam	9) Structural Engineer's responsibility is limited to designing and issue of structural drawing only	
4) The reinforcement shall be High Strength bars of Grade Fe 500	7) No admixtures shall be added without permission of consultant.		

P. J. Senthil Kumar
SENTHIL KUMAR M.E. (STRUCT).AIV
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 33-A, 1st Floor, Kalidasa Street,
 Town Hall, Coimbatore - 641 009.
 Cell. 97600 00478

- 1) This drawing should be read along with Architectural drawing.
- 2) Foundation Designed For Ground Plus Two floors.
- 3) All centre line dimensions should be checked before marking with site measurement

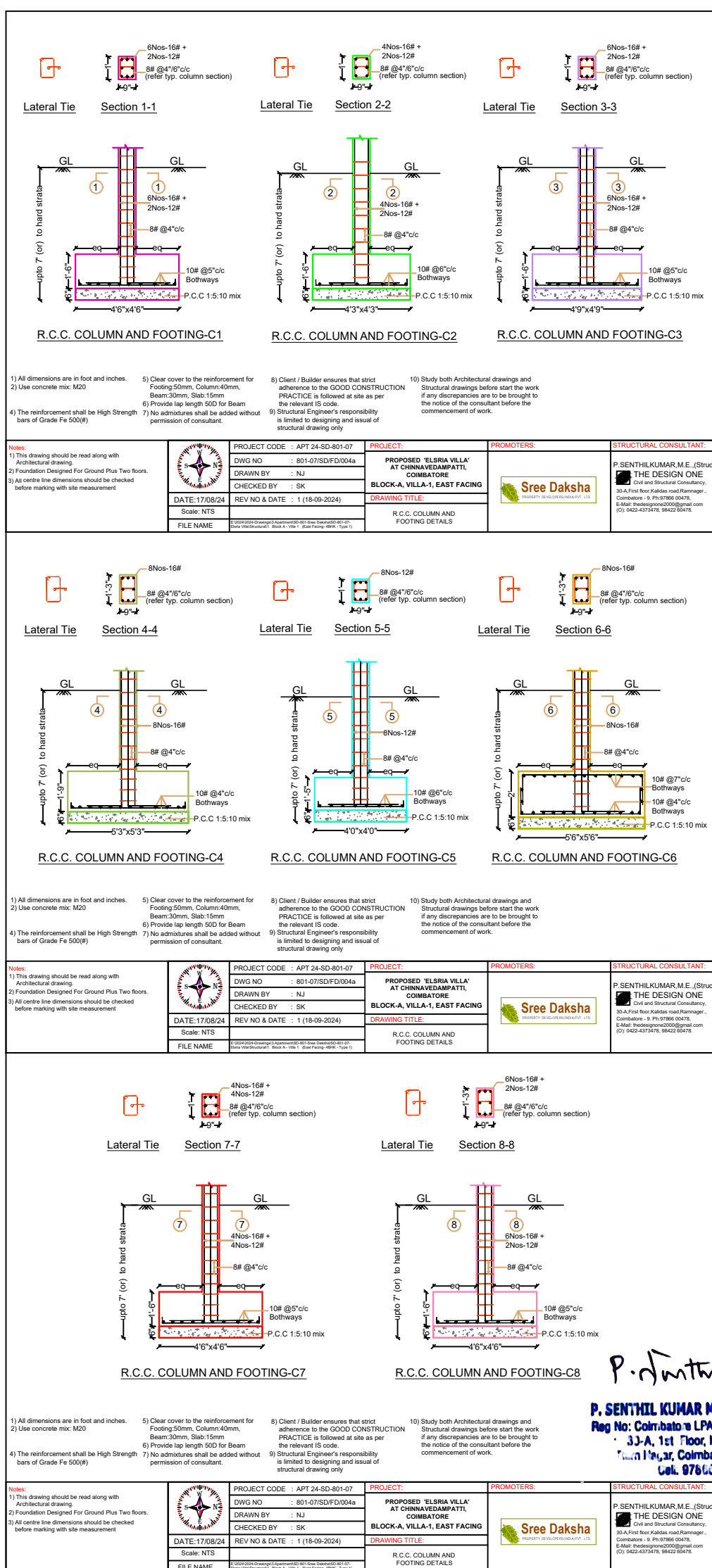


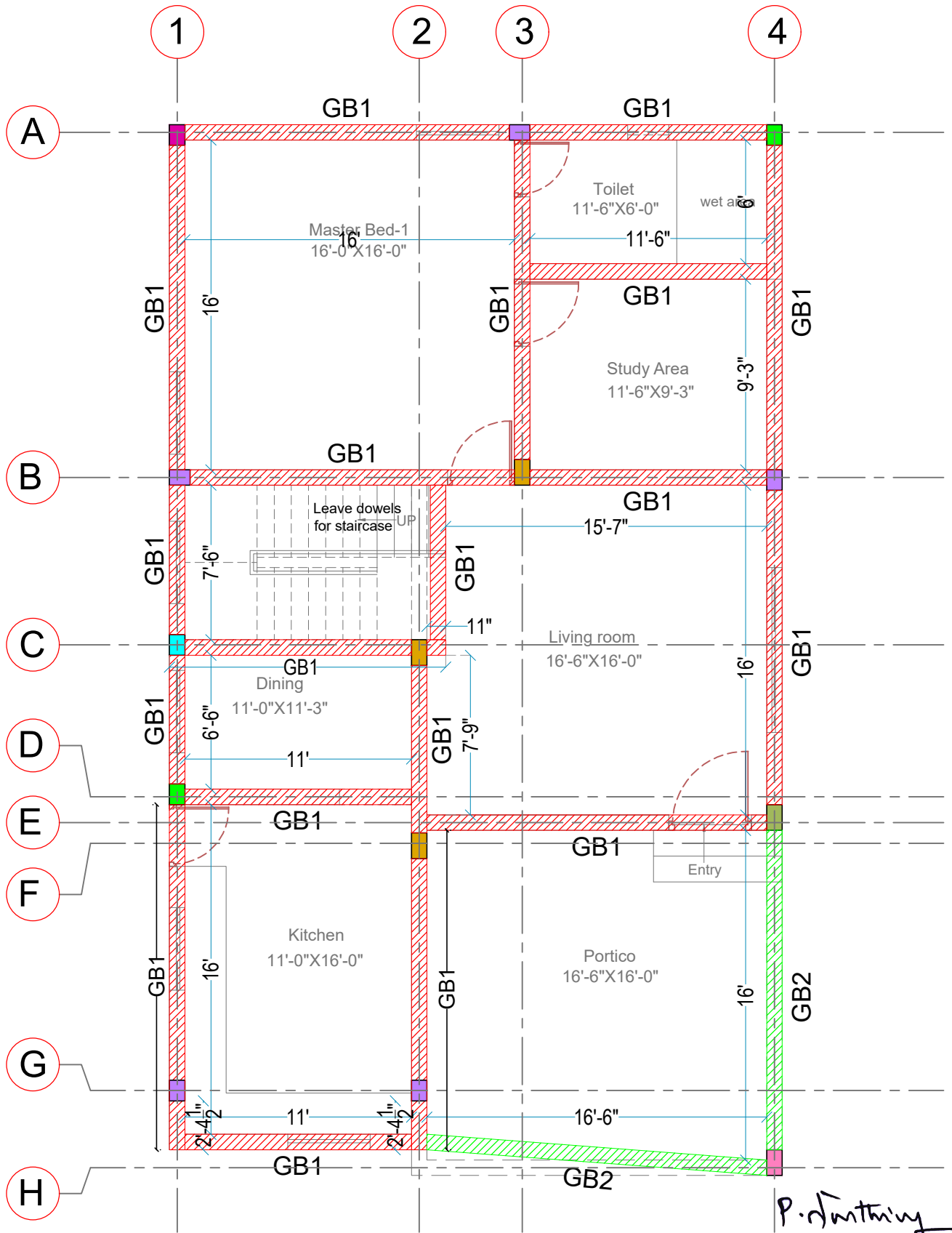
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DWG NO	: 801-07/SD/FD/004a
DRAWN BY	: NJ
CHECKED BY	: SK
REV NO & DATE	: 1 (18-09-2024)
E:\2024\2024-Drawings\3 Apartment\SD-801-Sree Dakshal\SD-801-07-Elxira Villa\Structural\1. Block A - Villa 1 (East Facing-4BHK - Type 1)	

PROJECT:
PROPOSED 'ELSRIA VILLA' AT CHINNAVEDAMPATTI, COIMBATORE
BLOCK-A, VILLA-1, EAST FACING
DRAWING TITLE:
COLUMN & FOUNDATION CENTERLINE KEY PLAN

PROMOTERS:STRUCTURAL CONSULTANT:

P.SENTHILKUMAR,M.E.,(Struct)
 **THE DESIGN ONE**
 Civil and Structural Consultancy,
 30-A,First floor,Kalidas road,Ramnager.,
 Coimbatore - 9. Ph:97866 00478,
 E-Mail: thedesignone2000@gmail.com
 (C): 0422-4373478, 98422 60478





GENERAL NOTES

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- 3) The reinforcement shall be High Strength bars of Grade Fe 500
- 4) Clear cover to the reinforcement for Footing: 50mm, Column: 40mm, Beam: 30mm, Slab: 15mm
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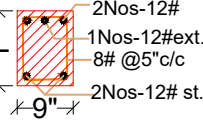
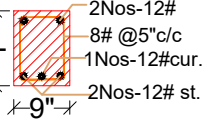
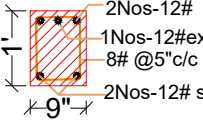
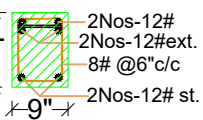
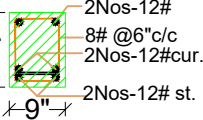
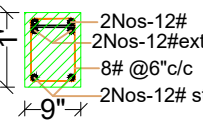
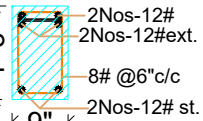
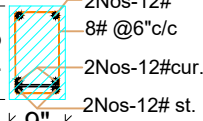
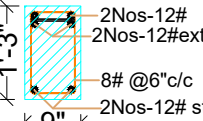
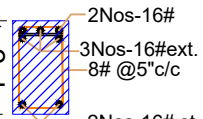
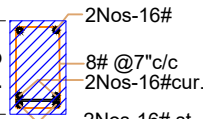
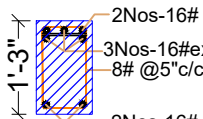
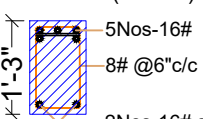
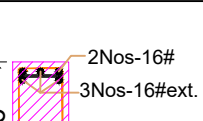
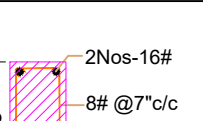
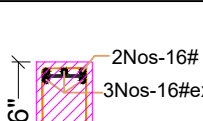
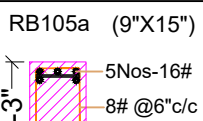
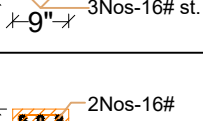
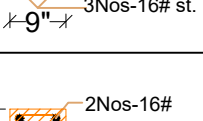
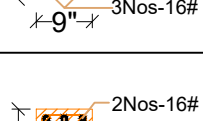
P. Senthil Kumar M.E. (STRUCT).ATV
Reg No: Coimbatore LPA/SE/GR-1/19/03/003
33-A, 1st Floor, Kalidas Street,
Thiruvananthapuram, Coimbatore - 641 009.
Cell. 978665 00478


BLOCK-A, VILLA-1, EAST FACING

<div>Notes:</div> <div>1) This drawing should be read along with Architectural drawing.</div> <div>3) All centre line dimensions should be checked before marking with site measurement</div>		PROJECT CODE : APT 24-SD-801-07	PROJECT:	PROMOTERS:	STRUCTURAL CONSULTANT:		
		DWG NO : 801-07/SD/FD/004a	PROPOSED 'ELSRIA VILLA' AT CHINNAVEDAMPATTI, COIMBATORE		P.SENTHILKUMAR,M.E.,(Struct) THE DESIGN ONE Civil and Structural Consultancy, 30-A,First floor,Kalidas road,Ramnager., Coimbatore - 9, Ph:97866 00478, E-Mail: thedesignone2000@gmail.com (O): 0422-4373478, 98422 60478.		
		DRAWN BY : NJ					
		CHECKED BY : SK					
	DATE:17/08/24	REV NO & DATE : 1 (18-09-2024)	BLOCK-A, VILLA-1, EAST FACING			DRAWING TITLE:	
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	FILE NAME						
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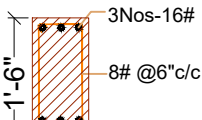
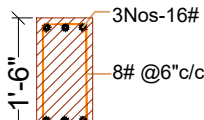
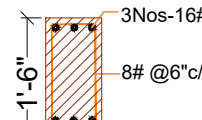
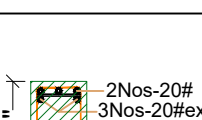
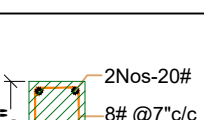
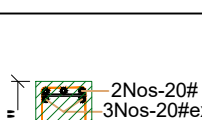
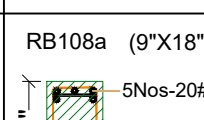
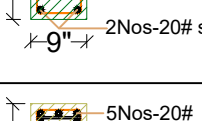
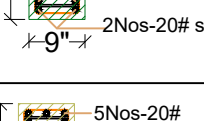
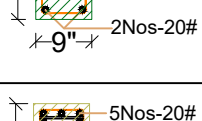
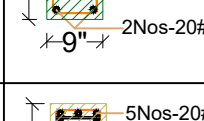
GRADE BEAM SECTION DETAILS				
Beam No	L.H.S. END SECTION	MID SECTION	R.H.S. END SECTION	CANTILEVER SECTION
GB1 (9"X36")				
GB2 (9"X15")				
				<p><u>General section of Grade beam & Plinth beam</u></p> <p><u>Notes:</u></p> <ol style="list-style-type: none"> 1) For Column Beam Junction refer separate drawing. 2) Top of Grade beam should be in same level. 3) Brick work on Grade beam to be constructed after 10 days from the date of concreting grade beam <p><u>Notes:</u></p> <ol style="list-style-type: none"> 1) Use concrete mix 1:1½:3 2) Provide clear cover 1" for Beam ¾ for Slab reinforcement. 3) Provide lap length 50D for Beam 4) Crank at L/4 of clear span 5) Extra rod at top to a length of 0.3L of clear span from support 6) ST - indicates Straight rod. 7) CUR- indicates Curtailment rod .
	<p>P. SENTHIL KUMAR M.E. (STRUCT).AIV Reg No: Coimbatore LPA/SE/GR-1/19/03/003 33-A, 1st Floor, Kalidasa Street, Thiruvananthapuram, Coimbatore - 641 009. Cell. 97866 00478</p>			
	PROJECT CODE : APT 24-SD-801-07 DWG NO : 801-07/SD/FD/004a DRAWN BY : NJ CHECKED BY : SK	PROJECT: PROPOSED 'ELSRIA VILLA' AT CHINNAVEDAMPATTI, COIMBATORE BLOCK-A, VILLA-1, EAST FACING DRAWING TITLE: GRADE BEAM SECTION DETAILS	PROMOTERS: 	STRUCTURAL CONSULTANT: P. SENTHIL KUMAR, M.E., (Struct) THE DESIGN ONE Civil and Structural Consultancy, 30-A, First floor, Kalidas road, Ramnagar., Coimbatore - 9. Ph: 97866 00478, E-Mail: thedesignone2000@gmail.com (O): 0422-4373478, 98422 60478.
DATE: 17/08/24	REV NO & DATE : 1 (18-09-2024)			
Scale: NTS				
FILE NAME	E:\2024\2024-Drawings\3 Apartment\SD-801-Sree Daksha\SD-801-07-Elisria Villa\Structural\1. Block A - Villa 1 (East Facing- 4BHK - Type 1)			


FIRST FLOOR ROOF BEAM SECTION DETAILS

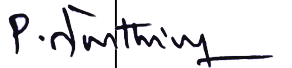
Beam No	L.H.S. END SECTION	MID SECTION	R.H.S. END SECTION	CANTILEVER SECTION
RB101 (9"X12")				
RB102 (9"X12")				
RB103 (9"X15")				
RB104 (9"X15")				RB104a (9"X15") 
RB105 (9"X18")				RB105a (9"X15") 
RB106 (9"X18")				

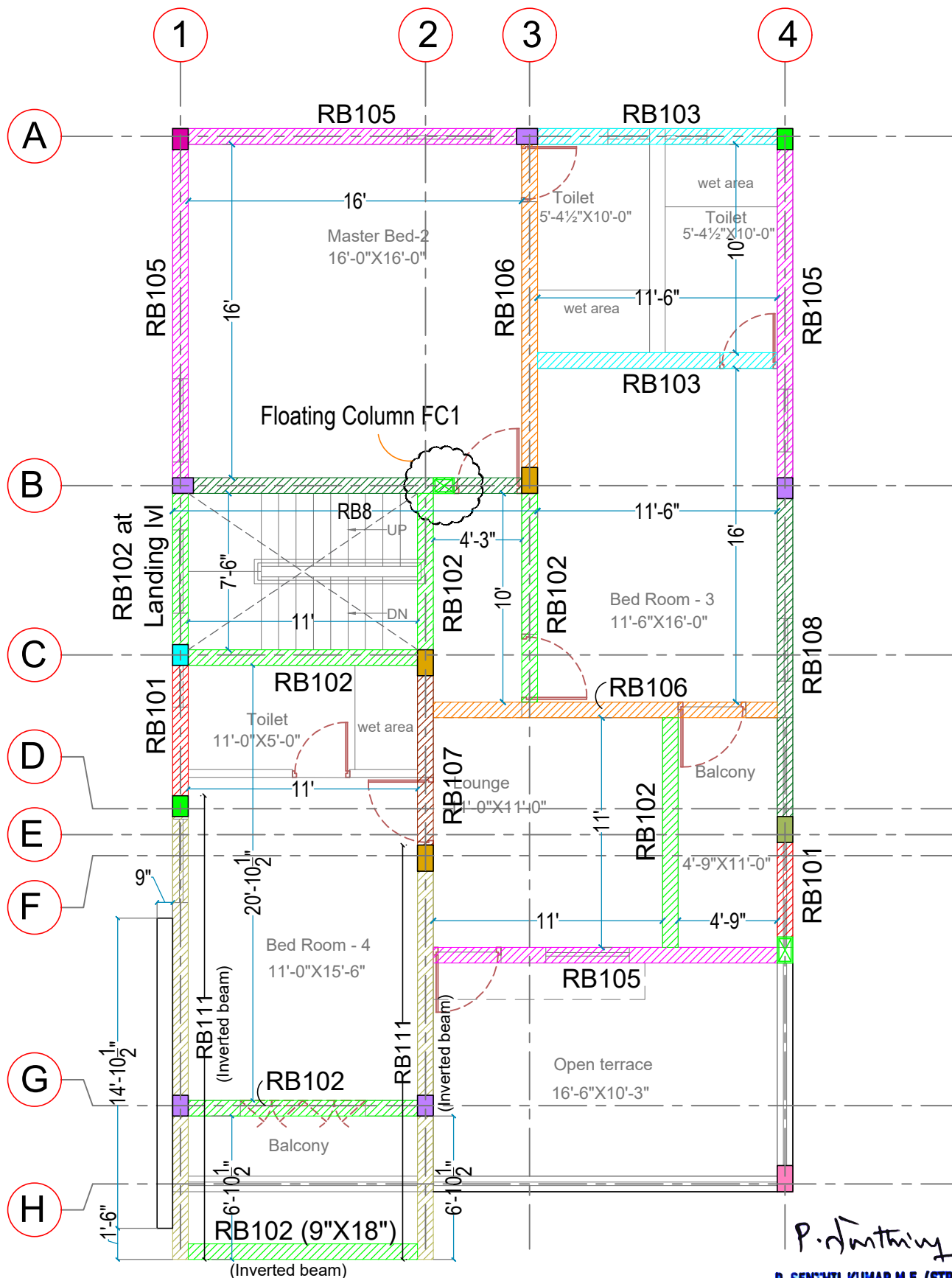
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	DWG NO : 801-07/SD/FD/004a	PROPOSED 'ELSRIA VILLA' AT CHINNAVEDAMPATTI, COIMBATORE		P.SENTHILKUMAR,M.E.,(Struct) THE DESIGN ONE Civil and Structural Consultancy, 30-A,First floor,Kalidas road,Ramnager,, Coimbatore - 9, Ph:97866 00478, E-Mail: thedesignone2000@gmail.com (O): 0422-4373478, 98422 60478.
	DRAWN BY : NJ	BLOCK-A, VILLA-1, EAST FACING		
	CHECKED BY : SK	DRAWING TITLE:		
	REV NO & DATE : 1 (18-09-2024)	FIRST FLOOR ROOF BEAM SECTION DETAILS		

FIRST FLOOR ROOF BEAM SECTION DETAILS

Beam No	L.H.S. END SECTION	MID SECTION	R.H.S. END SECTION	CANTILEVER SECTION
RB107 (9"X18")				
RB108 (9"X18")				RB108a (9"X18") 
RB111 (9"X18")				

DATE:17/08/24 Scale: NTS FILE NAME	PROJECT CODE : APT 24-SD-801-07	PROJECT:	PROMOTERS:	STRUCTURAL CONSULTANT:
	DWG NO : 801-07/SD/FD/004a	PROPOSED 'ELSRIA VILLA' AT CHINNAVEDAMPATTI, COIMBATORE		P.SENTHILKUMAR,M.E.,(Struct) THE DESIGN ONE Civil and Structural Consultancy, 30-A,First floor,Kalidas road,Ramnager,, Coimbatore - 9, Ph:97866 00478, E-Mail: thedesignone2000@gmail.com (O): 0422-4373478, 98422 60478.
	DRAWN BY : NJ	BLOCK-A, VILLA-1, EAST FACING		
	CHECKED BY : SK	DRAWING TITLE:		
	REV NO & DATE : 1 (18-09-2024)	FIRST FLOOR ROOF BEAM SECTION DETAILS		


P. SENTHIL KUMAR M.E. (STRUCT.) AITV
 Reg No: Coimbatore LPW/SE/GR-1/19/03/003
 33-A, 1st floor, Kalidas Street,
 Ramnagar, Coimbatore - 641 009,
 Cell. 97866 00478



GENERAL NOTES

- All dimensions are in foot and inches.
- Use concrete mix: M20
- Clear cover to the reinforcement for Footing:50mm, Column:40mm, Beam:30mm, Slab:15mm
- The reinforcement shall be High Strength bars of Grade Fe 500
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 Cell. 97866 00478

BLOCK-A, VILLA-1, EAST FACING

Notes:

- This drawing should be read along with Architectural drawing.
- All centre line dimensions should be checked before marking with site measurement



PROJECT CODE : APT 24-SD-801-07
 DWG NO : 801-07/SD/FD/004a
 DRAWN BY : NJ
 CHECKED BY : SK
 REV NO & DATE : 1 (18-09-2024)

PROJECT: PROPOSED 'ELSRIA VILLA' AT CHINNAVEDAMPATTI, COIMBATORE
 BLOCK-A, VILLA-1, EAST FACING
 DRAWING TITLE: FIRST FLOOR ROOF BEAM KEY PLAN

PROMOTERS:

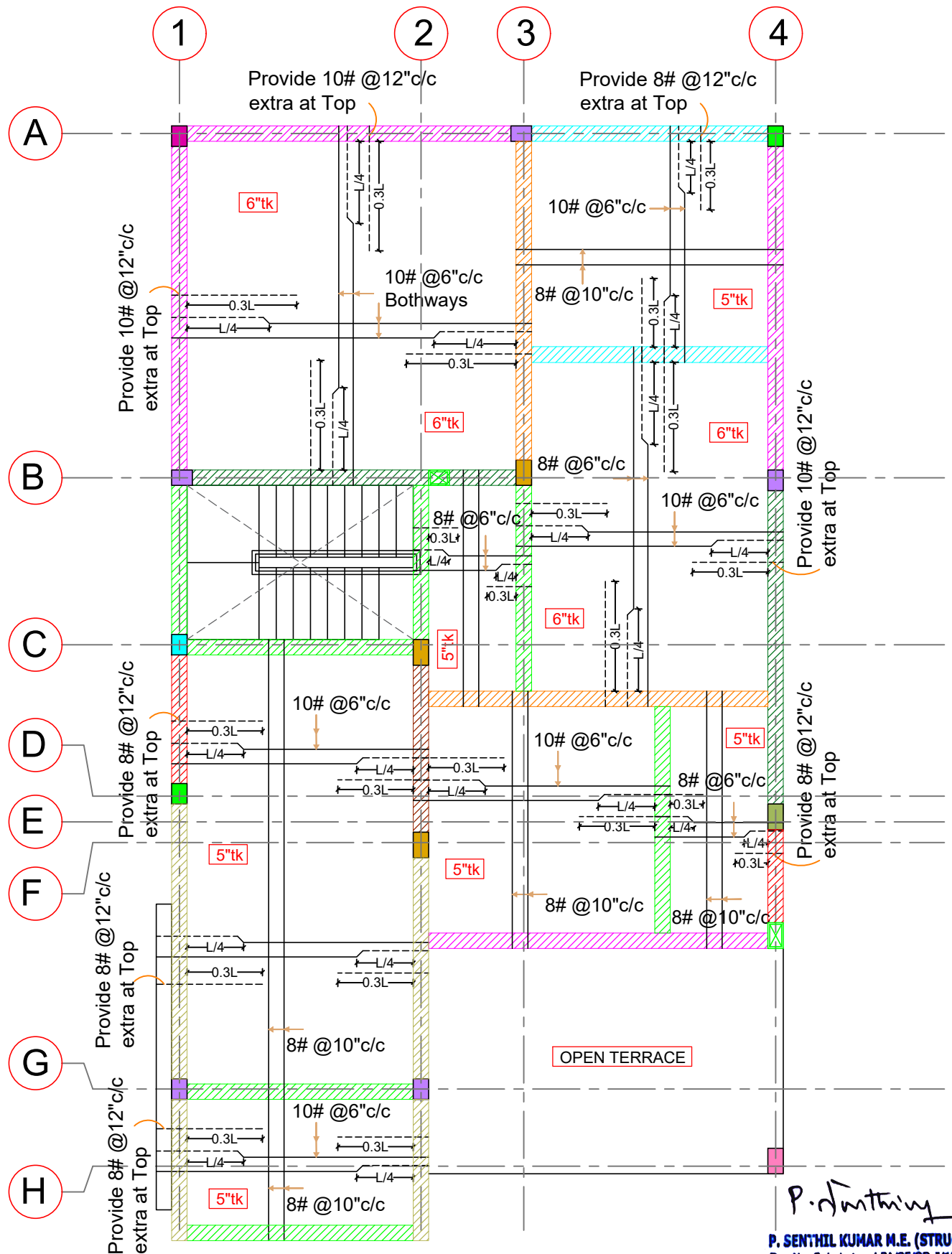


STRUCTURAL CONSULTANT:

P.SENTHILKUMAR,M.E.,(Struct)
THE DESIGN ONE
 Civil and Structural Consultancy,
 30-A,First floor,Kalidas road,Ramnager.,
 Coimbatore - 9. Ph:97866 00478,
 E-Mail: thedesignone2000@gmail.com
 (O): 0422-4373478, 98422 60478.

DATE:17/08/24
 Scale: NTS
 FILE NAME

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P. Senthil Kumar M.E. (Struct).
Reg No: Coimbatore LPA/SE/GR-1/19/03/003
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BLOCK-A, VILLA-1, EAST FACING

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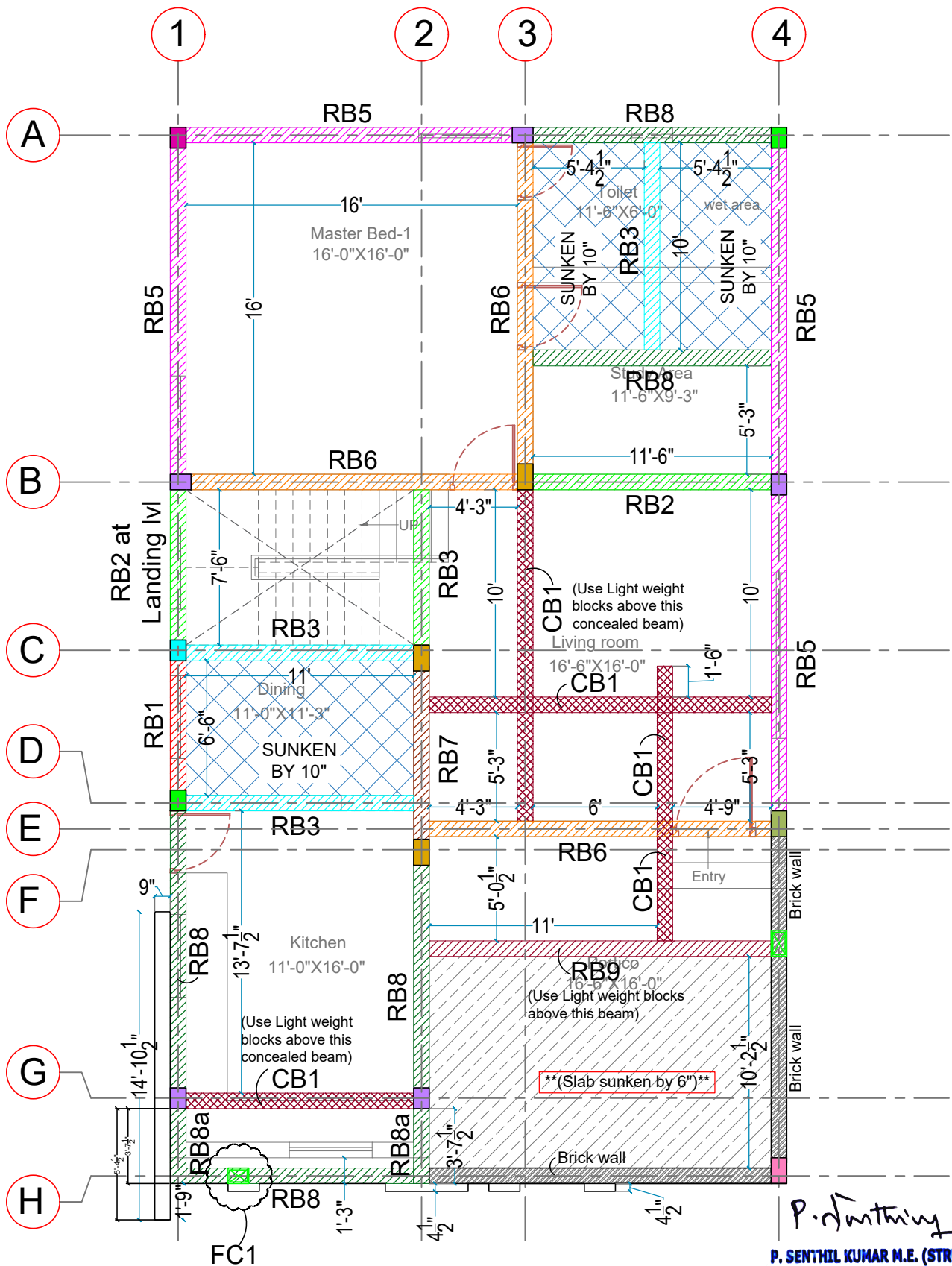
Notes:
1) This drawing should be read along with Architectural drawing.
3) All centre line dimensions should be checked before marking with site measurement



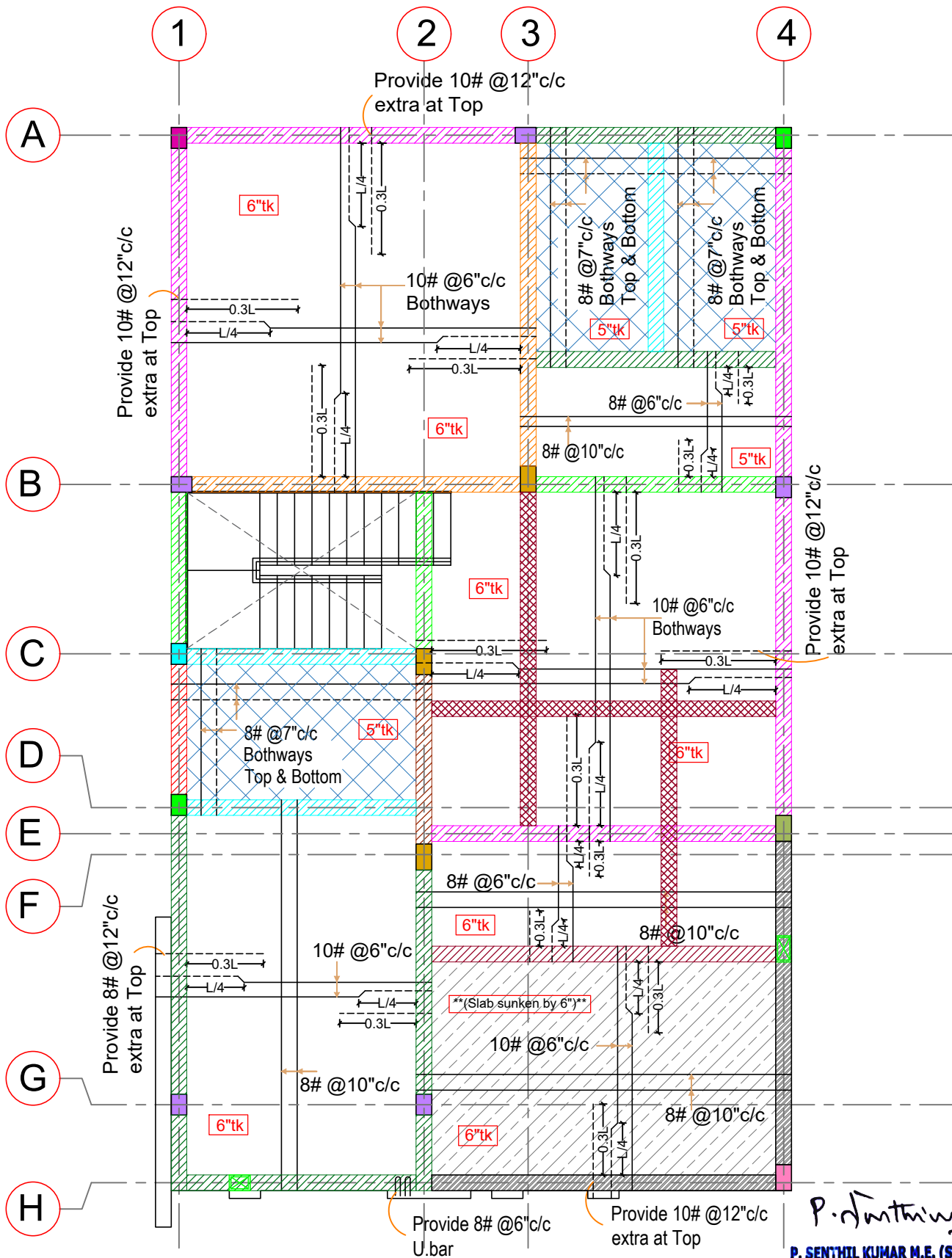
PROJECT CODE : APT 24-SD-801-07	DWG NO : 801-07/SD/FD/004a
DRAWN BY : NJ	CHECKED BY : SK
DATE: 17/08/24	REV NO & DATE : 1 (18-09-2024)
Scale: NTS	FILE NAME

PROJECT: PROPOSED 'ELSRIA VILLA' AT CHINNAVEDAMPATTI, COIMBATORE
PROMOTERS: Sree Daksha
STRUCTURAL CONSULTANT: P. Senthil Kumar M.E. (Struct)

DATE: 17/08/24	Scale: NTS	FILE NAME
Rev No & Date: 1 (18-09-2024)	Scale: NTS	FILE NAME
Project: PROPOSED 'ELSRIA VILLA' AT CHINNAVEDAMPATTI, COIMBATORE	Promoters: Sree Daksha	Structural Consultant: P. Senthil Kumar M.E. (Struct)



GENERAL NOTES 1) All dimensions are in foot and inches. 2) Use concrete mix: M20 3) The reinforcement shall be High Strength bars of Grade Fe 500 4) Clear cover to the reinforcement for Footing: 50mm, Column: 40mm, Beam: 30mm, Slab: 15mm 5) Provide lap length 50D for Beam 6) No admixtures shall be added without permission of consultant. 7) Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code. 8) Structural Engineer's responsibility is limited to designing and issue of structural drawing only 9) Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work. 10) Brick wall 11) (Use Light weight blocks above this concealed beam) 12) (Slab sunken by 6'') 13) FC1 14) P. Senthil Kumar M.E. (Struct). Atty. 15) Reg No: Coimbatore LPA/SE/GR-1/19/03/003 16) 33-A, 1st Floor, Kalidas Street, Coimbatore - 9. Ph: 97866 00478. E-Mail: thedesignone2000@gmail.com. Coi. 97603 00478. BLOCK-A, VILLA-1, EAST FACING					
Notes: 1) This drawing should be read along with Architectural drawing. 3) All centre line dimensions should be checked before marking with site measurement					
		PROJECT CODE : APT 24-SD-801-07 DWG NO : 801-07/SD/FD/004a DRAWN BY : NJ CHECKED BY : SK REV NO & DATE : 1 (18-09-2024)		PROJECT: PROPOSED 'ELSRIA VILLA' AT CHINNAVEDAMPATTI, COIMBATORE BLOCK-A, VILLA-1, EAST FACING DRAWING TITLE: GROUND FLOOR ROOF BEAM KEY PLAN	
DATE: 17/08/24 Scale: NTS FILE NAME: E:\2024\Drawings\3 Apartments\SD-801-Sree Daksha\SD-801-07-Elara Villa\Structural\1. Block A - Villa 1 (East Facing-4BRK - Type 1)		PROMOTERS: Sree Daksha PROPERTY DEVELOPERS (INDIA) PVT. LTD.		STRUCTURAL CONSULTANT: THE DESIGN ONE Civil and Structural Consultancy, 30-A, First floor, Kalidas road, Ramnagar, Coimbatore - 9. Ph: 97866 00478. E-Mail: thedesignone2000@gmail.com (O): 0422-4373478, 98422 60478.	



P. Senthil Kumar M.E. (Struct).ATV
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 Thiruvananthapuram, Coimbatore - 641 009.
 Tel. 97660 00478

BLOCK-A, VILLA-1, EAST FACING

GENERAL NOTES

- All dimensions are in foot and inches.
- Use concrete mix: M20
- Clear cover to the reinforcement for Footing:50mm, Column:40mm, Beam:30mm, Slab:15mm
- The reinforcement shall be High Strength bars of Grade Fe 500
- Provide lap length 50D for Beam
- No admixtures shall be added without permission of consultant.
- Client / Builder ensures that strict adherence to the GOOD CONSTRUCTION PRACTICE is followed at site as per the relevant IS code.
- Structural Engineer's responsibility is limited to designing and issue of structural drawing only
- Study both Architectural drawings and Structural drawings before start the work if any discrepancies are to be brought to the notice of the consultant before the commencement of work.

Notes:

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PROJECT CODE : APT 24-SD-801-07

DWG NO : 801-07/SD/FD/004a

DRAWN BY : NJ

CHECKED BY : SK

DATE:17/08/24

REV NO & DATE : 1 (18-09-2024)

Scale: NTS

FILE NAME

E:\2024\2024-Drawings\3 Apartments\SD-801-Sree Daksha\SD-801-07-01-Block A - Villa 1 - (East Facing-4BHK - Type 1)

PROJECT:

PROPOSED 'ELSRIA VILLA'
 AT CHINNAVEDAMPATTI,
 COIMBATORE

BLOCK-A, VILLA-1, EAST FACING

DRAWING TITLE:

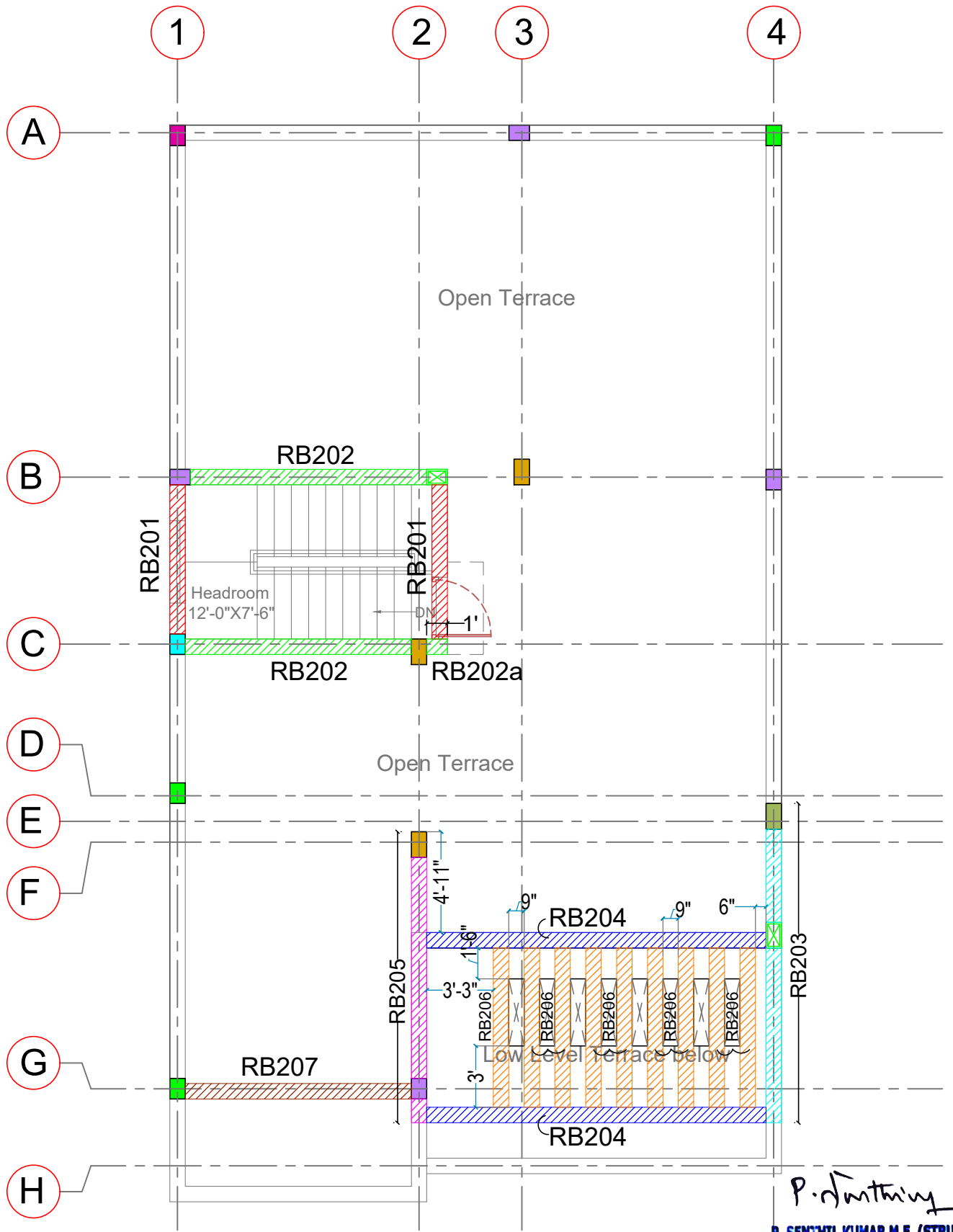
GROUND FLOOR
 ROOF SLAB DETAILS

PROMOTERS:

Sree Daksha
 PROPERTY DEVELOPERS (INDIA) PVT. LTD.

STRUCTURAL CONSULTANT:

P.SENTHILKUMAR,M.E.,(Struct)
THE DESIGN ONE
 Civil and Structural Consultancy,
 30-A,First floor, Kalidasa road,Ramnager.,
 Coimbatore - 9, Ph:97886 00478,
 E-Mail: thedesignone2000@gmail.com
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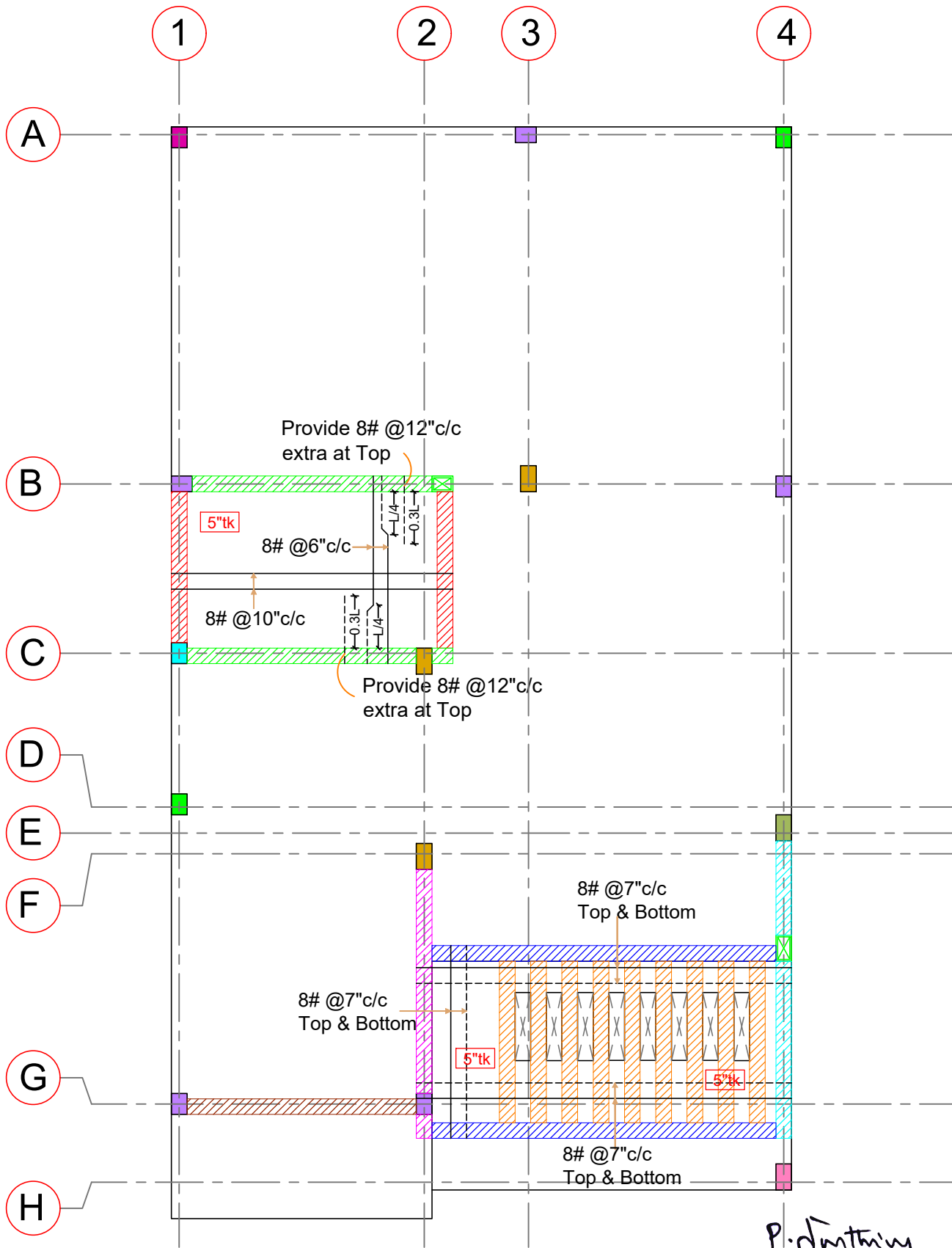
P. Senthil Kumar M.E. (Struct).ATV
Reg No: Coimbatore LPA/SE/GR-1/19/03/003
33-A, 1st Floor, Kalidas Street,
Coimbatore - 641 009.
Cell: 97866 00478

GENERAL NOTES

- 1) All dimensions are in foot and inches.
- 2) Use concrete mix: M20
- 3) The reinforcement shall be High Strength bars of Grade Fe 500
- 4) Clear cover to the reinforcement for Footing:50mm, Column:40mm, Beam:30mm, Slab:15mm
- 5) Provide lap length 50D for Beam
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BLOCK-A, VILLA-1, EAST FACING

Notes: 1) This drawing should be read along with Architectural drawing. 3) All centre line dimensions should be checked before marking with site measurement		PROJECT CODE : APT 24-SD-801-07	PROJECT:	PROMOTERS:	STRUCTURAL CONSULTANT:
		DWG NO : 801-07/SD/FD/004a	PROPOSED 'ELSRIA VILLA' AT CHINNAVEDAMPATTI, COIMBATORE	 Sree Daksha PROPERTY DEVELOPERS (INDIA) PVT. LTD.	P.SENTHILKUMAR,M.E.,(Struct) THE DESIGN ONE Civil and Structural Consultancy, 30-A,First floor,Kalidas road,Ramnagar., Coimbatore - 9. Ph:97866 00478, E-Mail: thedesignone2000@gmail.com (O): 0422-4373478, 98422 60478.
		DRAWN BY : NJ			
	CHECKED BY : SK	BLOCK-A, VILLA-1, EAST FACING			
	DATE:17/08/24	REV NO & DATE : 1 (18-09-2024)	DRAWING TITLE:	TERRACE FLOOR ROOF BEAM KEY PLAN	
	Scale: NTS				
FILE NAME	E:\2024\2024-Drawings\3 Apartment\SD-801-Sree Daksha\SD-801-07-Elaria Villa\Structural\1. Block A - Villa 1 (East Facing - 4BHK - Type 1)				



GENERAL NOTES

- 1) All dimensions are in foot and inches.
- 2) Use concrete mix: M20
- 3) The reinforcement shall be High Strength bars of Grade Fe 500
- 4) Clear cover to the reinforcement for Footing:50mm, Column:40mm, Beam:30mm, Slab:15mm
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BLOCK-A, VILLA-1, EAST FACING

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