



# TRM CONSTRUCTION

Green Nest Homes

Er. T.MURUGANANDHAM .BE

DATE: 09.07.2018

To

The Principal,  
Sri Bharathi Engineering College for Women,  
Kaikkurichi,  
Pudukkottai – 622 303.

Dear Sir/Madam,

With reference to your Brochure dated 03.07.2018, We would like to get the quotation for the Design of a Residential Building with a plinth area of 5040 sq.ft for duplex home with two floors as per the attached building plan. The design should include complete and accurate reinforcement detailing of all sections with drawings for each floor separately based on our requirements. Any other input or specific requirements or documents needed from our end may be provided for the completion of the design.

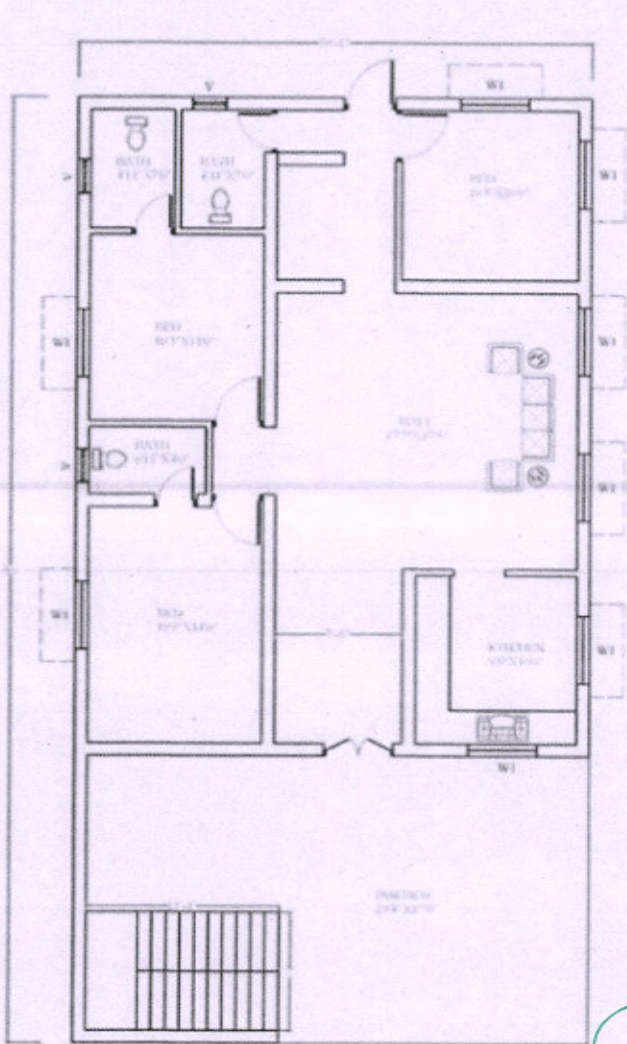
Thanking you

Forwarded to  
HOD/ in /  
09/07/18

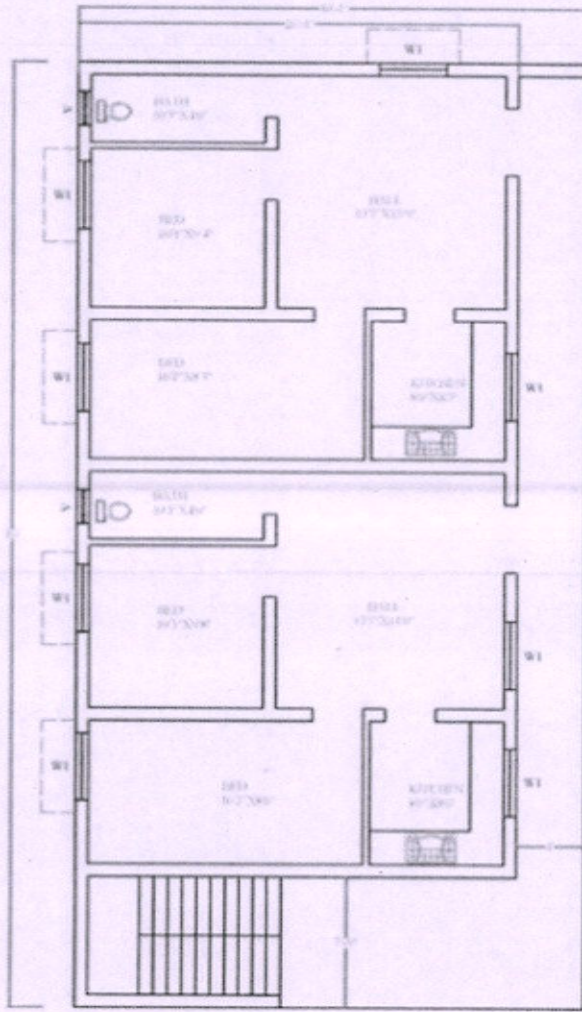
  
T. MURUGANANDHAM, D.C.E.,  
REGISTERED ENGINEER (G-III)  
 T.R.M. CONSTRUCTIONS  
A.I.R. Complex, Melavaladi, Trichy-621 218  
Cell: +91 99521 56613

A.I.R.COMPLEX, J.S GARDEN MELAVALADI POST,  
LALGUDI MAIN ROAD, TIRUCHIRAPPALLI DISTRICT -621218.

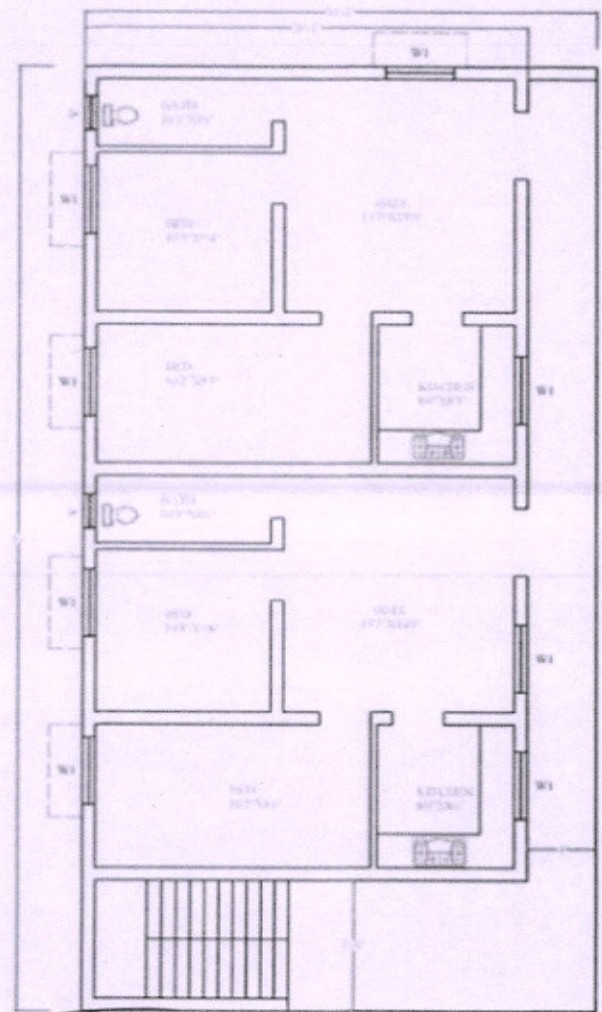
  
Dr. S.THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurichi - 622 303, Pudukkottai Dt,



GROUND FLOOR



FIRST FLOOR



SECOND FLOOR

  
**Dr. S. THILAGAVATHI M.E., Ph.D.**  
 PRINCIPAL  
**SRI BHARATHI ENGINEERING  
 COLLEGE FOR WOMEN**  
 Kaikkurchi - 622 303, Pudukkottai Dt.

  
**T. MURUGANANDHAM, D.C.E.,**  
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**T.R.M. CONSTRUCTIONS**  
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 Cell: +91 99521 56613



# SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)  
Pudukkottai - Aranthangi Road,  
Kaikkurichi, Pudukkottai - 622 303.

Date : 16.07.18.....

To

TRM Construction  
A.I.R Complex  
Lalkudi Main Road  
Trichy-621218

Respected Sir,

**Sub:** Submission of quotation for consultancy work "Design of Residential Building" – Reg.

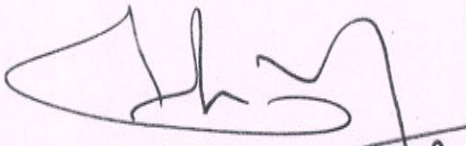
Greetings from Sri Bharathi Engineering College for Women !!!

On behalf of our Organization, I would like to extend our appreciation to you for showing interest in our organization regarding consultancy project work. In continuation with your reference letter dated 09.07.2018, we would like to quote the charges for the consultancy work 'Design of a residential building' as Rs.30,240/- (Rs.6 per sq.ft).

We assure to furnish all the details within the stipulated time and as per your requirements.

Thanking you

  
**Dr. S. THILAGAVATHI M.E., Ph.D.,**  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurichi - 622 303, Pudukkottai Dt.

  
PRINCIPAL  
16/07/18  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
KAIKKURICHI - 622 303.  
PUDUKKOTTAI DISTRICT



# TRM CONSTRUCTION

Green Nest Homes

Er. T.MURUGANANDHAM .BE

DATE: 25.07.2018

To

The Principal,  
Sri Bharathi Engineering College for Women,  
Kaikkurichi,  
Pudukkottai - 622 303.

Dear Sir/Madam,

With reference to your project work quotation letter dated 16.07.2018, We would like to approve Rs.30,240/- as an endowment towards successful submission of our requirements mentioned in the letter dated 09.07.2018 and the work may be completed within 30 days from the date of this letter. Please contact us if you have any clarifications about the sanctioned endowment work.

Thanking you

Hos/wil

Needing action may please  
be taken to complete  
the work within the  
time frame.

Engineer

*T. Muruganandham 25/07/18*  
T. MURUGANANDHAM, D.C.E.,  
REGISTERED ENGINEER (G-III)



T.R.M. CONSTRUCTIONS  
A.I.R. Complex, Melavaladi, Trichy-621 218  
Cell: +91 99521 56613

*25/07/18*

A.I.R.COMPLEX, J.S GARDEN MELAVALADI POST,  
LALGUDI MAIN ROAD, TIRUCHIRAPPALLI DISTRICT -621218.

*[Signature]*  
Dr. S.THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurchi - 622 303, Pudukkottai Dt.



**SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN**

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

**Kaikkurichi, Pudukkottai - 622 303.**

**DEPARTMENT OF CIVIL ENGINEERING**

**CONSULTANCY PROJECT WORK**

**REPORT**

**DESIGN OF RESIDENTIAL BUILDING**

**SUBMITTED**

**TO**

**TRM Construction,**

**A.I.R Complex,**

**Lalkudi Main Road,**


**Trichy-621218**

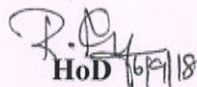
**REPORT DATE : 06.09.2018**

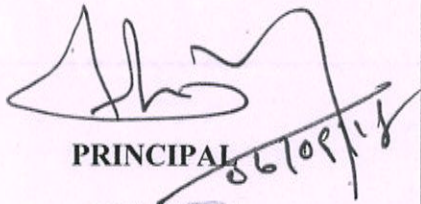
  
**Dr. S.THILAGAVATHI M.E., Ph.D.,**  
PRINCIPAL  
**SRI BHARATHI ENGINEERING**  
**COLLEGE FOR WOMEN**  
**Kaikkurichi - 622 303, Pudukkottai Dt.**

## CONSULTANCY PROJECT REPORT

As per your requirement, we designed a plan (G+2) which was given by you using STADD PRO with reinforcement details. We hereby attached a hard copy of it for your reference. Kindly come and collect the original soft copy in person from our institution. In case of any alterations, we will redesign as per your need.

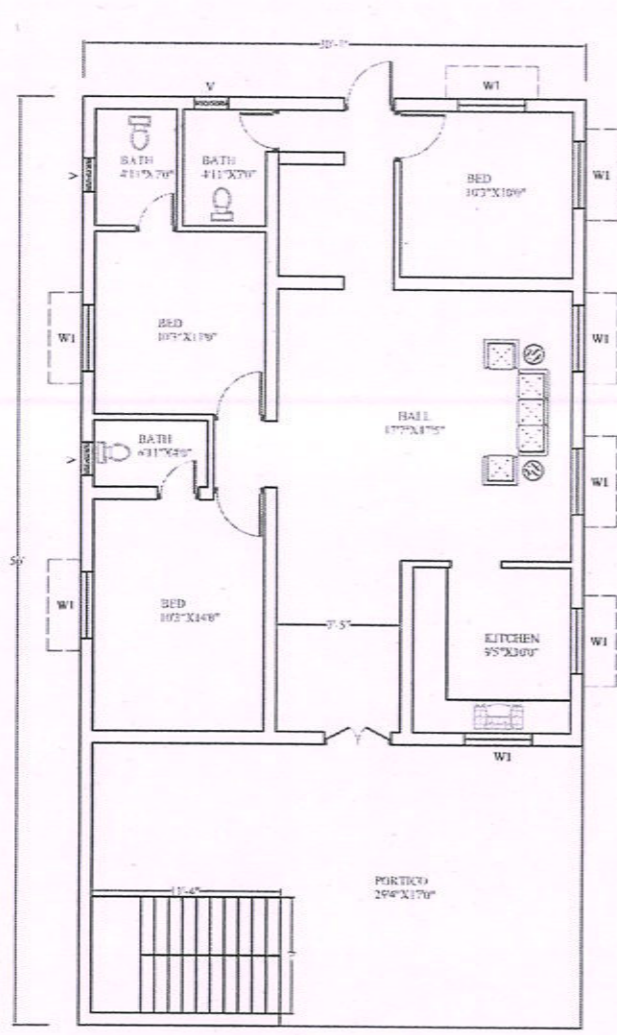
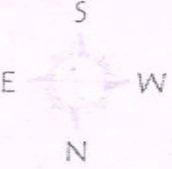
  
TEST CONDUCTED

  
HoD 16/9/18  
HOD / CIVIL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
KAIKKURICHI,  
PUDUKKOTTAI - 622 303

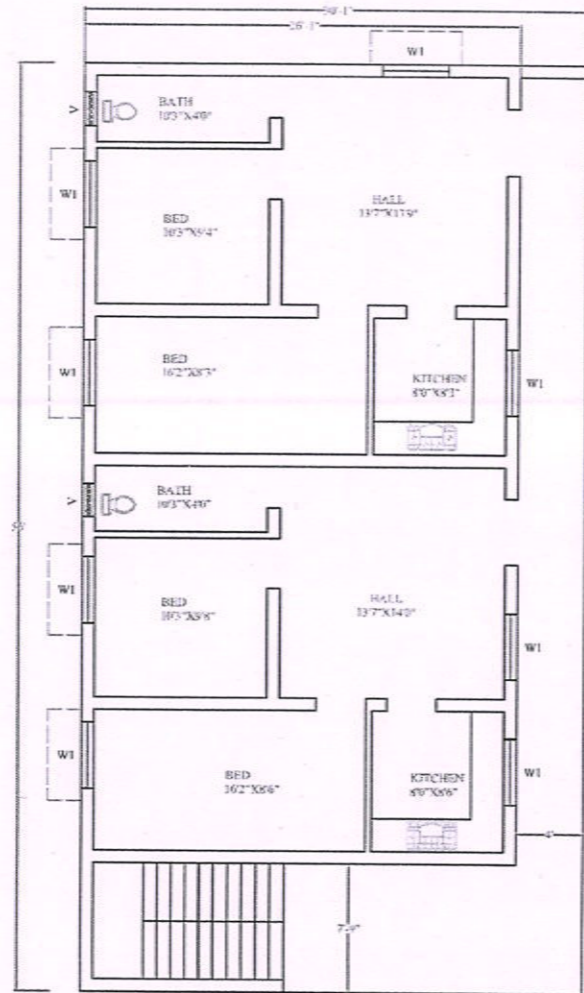
  
PRINCIPAL 06/09/18  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
KAIKKURICHI - 622 303.  
PUDUKKOTTAI DISTRICT

Received by  
T. V. V. V.  
06/09/18

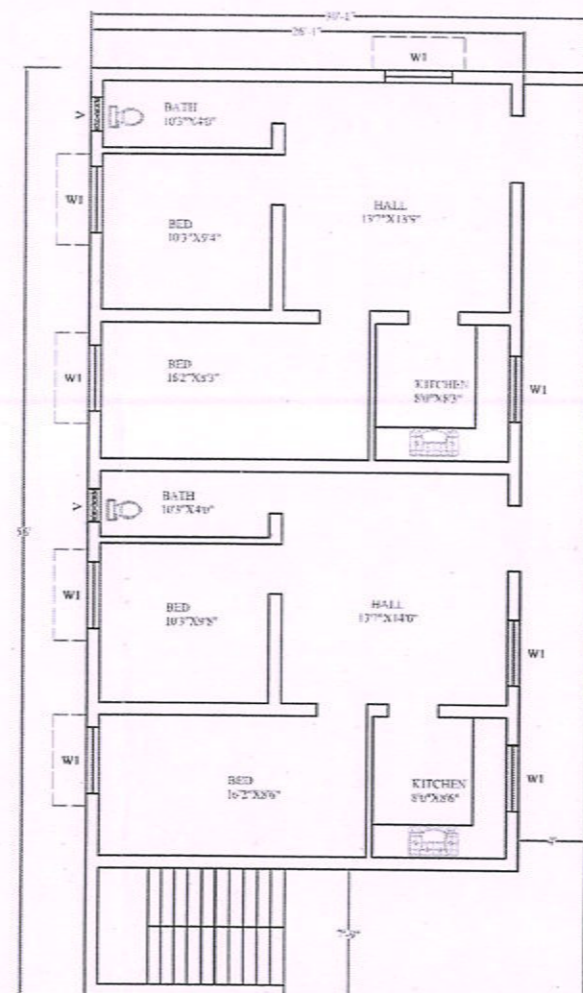
  
Dr. S. THILAGAVATHI (M.E., Ph.D.),  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurchi - 622 303, Pudukkottai Dt.



GROUND FLOOR



FIRST FLOOR



SECOND FLOOR

EXCAVATION PURPOSE ONLY

LEGENDS:

- DWG - DRAWING
- R.C.C. - REINFORCEMENT CEMENT CONCRETE
- MIN - MINIMUM
- N.G.L. - NATURAL GROUND LEVEL

NOTES:

- ALL DIMENSIONS ARE IN FEET AND INCHES, UNLESS OTHERWISE SPECIFIED.
- THIS DWG IS FOR EXCAVATION PURPOSE ONLY.
- ALL GRID LINES GIVEN ARE CENTER LINE OF BRICK WALL.
- SBC ADOPTED IS 250KN/m<sup>2</sup>.
- MIN DEPTH OF EXCAVATION FOR FOOTING IS 6" FROM N.G.L.
- EXCAVATION PIT IS ONE FEET MORE THAN THE SIZE OF FOOTING.
- ANY MINOR AND MAJOR CHANGES ARE NOT ALLOWED WITHOUT WRITTEN.
- DRAWING IS W.T.S. DO NOT MEASURE, IF IN DOUBT ASK.

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED

CLIENT : TRM CONSTRUCTION

CONSULTANT : SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

PROJECT : PROPOSED CONSTRUCTION OF G+2 RESIDENTIAL BUILDING

TITLE : PLAN OF G.F, F.F, S.F

SCALE: NTS DRG NO: MMC-CLD-001 SHEET 1 OF 01

*(Signature)*  
**Dr. S. THILAGAVATHI M.E., Ph.D.,**  
 PRINCIPAL  
 SRI BHARATHI ENGINEERING  
 COLLEGE FOR WOMEN  
 Kaikkurchj - 622 303, Pudukkottai Dt.

Revised by *(Signature)*



EXCAVATION PURPOSE ONLY

**LEGENDS:**

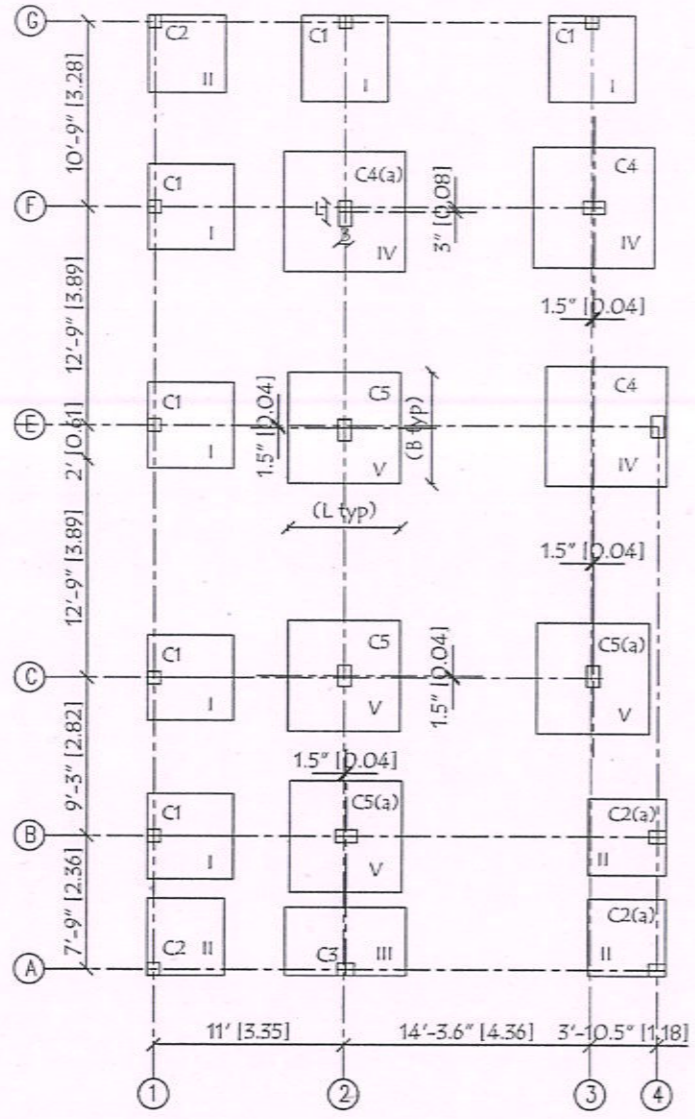
- DWG - DRAWING.
- R.C.C - REINFORCEMENT CEMENT CONCRETE.
- MIN - MINIMUM.
- N.G.L - NATURAL GROUND LEVEL.

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**FOOTING PIT SCHEDULE**

TYPE	COL., SIZE	FOOTING SIZE	
		L	B
I	C1	9"	9"
	C1(a)	1'	9"
II	C2	9"	9"
	C2(a)	1'	9"
III	C3	1'	9"
IV	C4	1'	9"
	C4(a)	9"	13"
V	C5	9"	1'
	C5(a)	1'	9"



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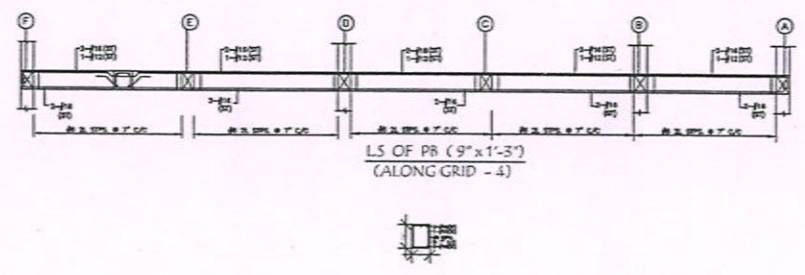
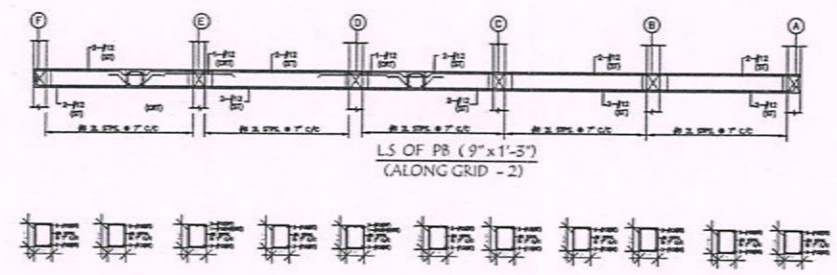
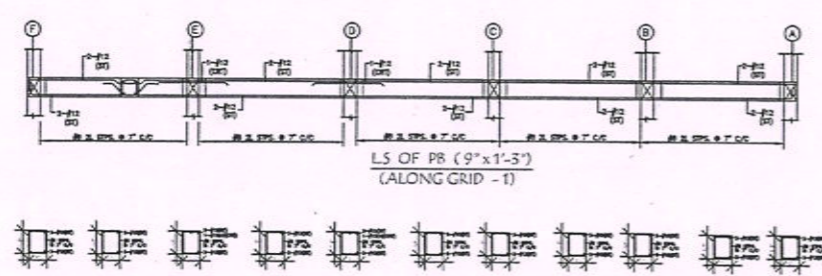
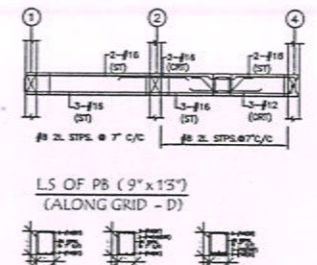
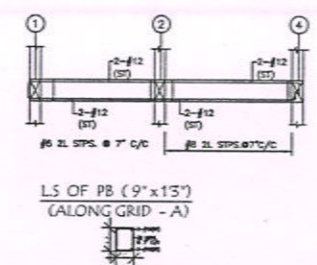
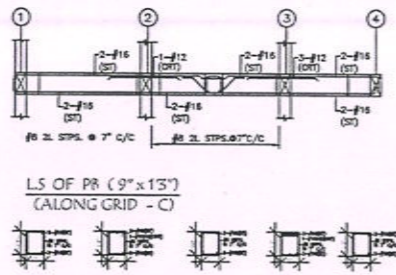
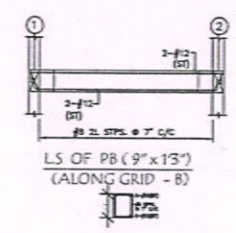
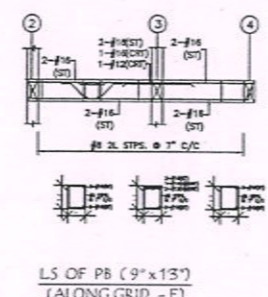
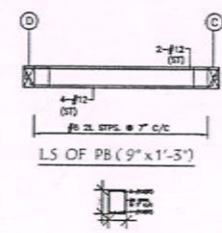
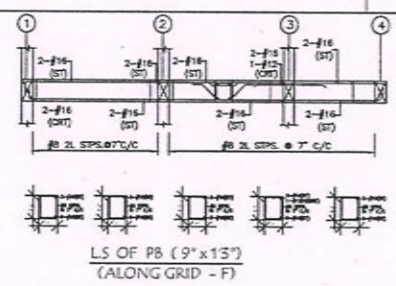
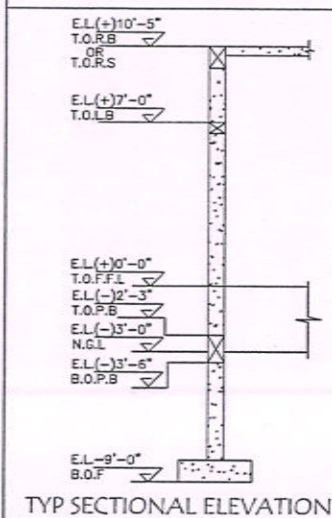
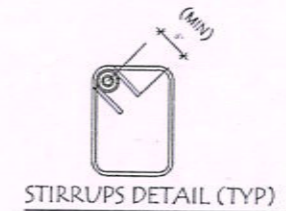
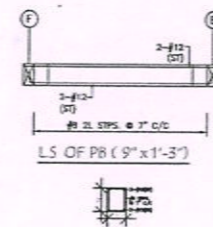
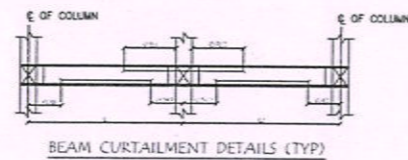
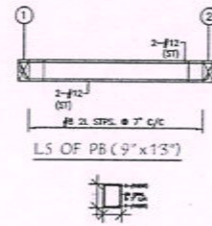
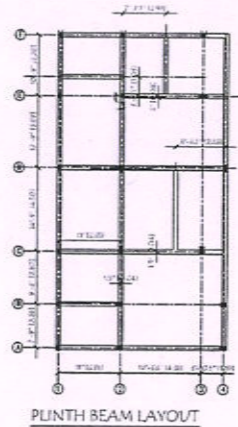
**Dr. S. THILAGAVATHI M.E., Ph.D.,**  
 PRINCIPAL  
 SRI BHARATHI ENGINEERING  
 COLLEGE FOR WOMEN  
 Kaikkurchi - 622 303, Pudukkottai Dt.

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
CLIENT : TRM CONSTRUCTION					
CONSULTANT : - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN					
PROJECT : PROPOSED CONSTRUCTION OF G+2 RESIDENTIAL BUILDING					
TITLE : RC DETAIL OF FOOTING					
SCALE : NTS DRG NO : MMC-CLD-001					
SHEET 1 OF 1					REV 00

Drawn by *[Signature]*



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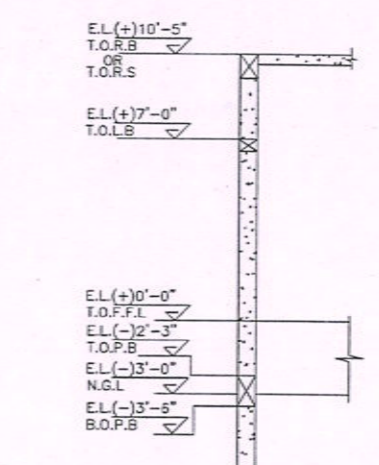
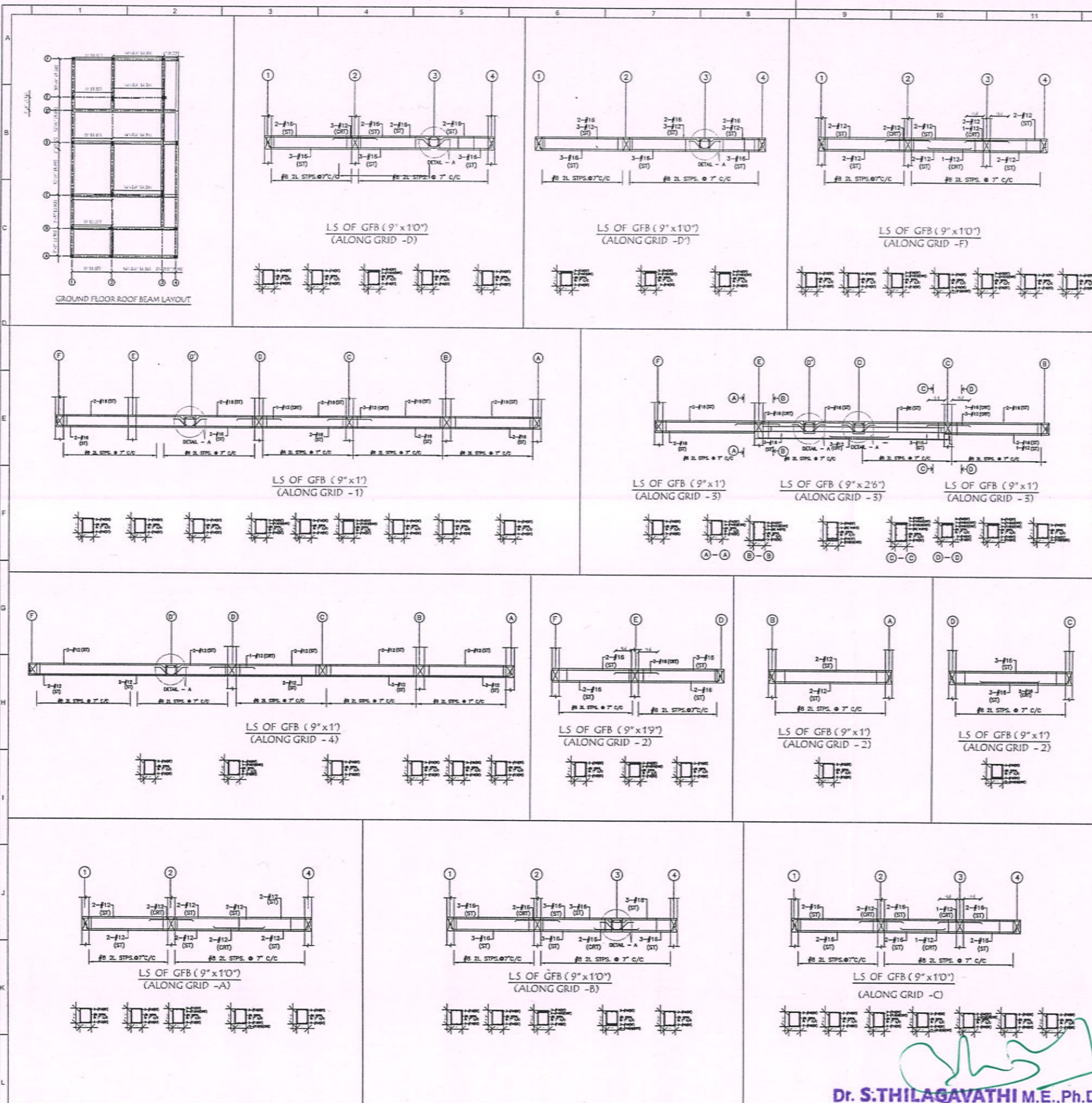
- LEGENDS:**
- ST - STRAIGHT BAR
  - SEC - SECTION
  - CRT - CURTAILMENT BAR
  - TYP - TYPICAL
  - MIN - MINIMUM
  - E.L. - ELEVATION LEVEL
  - T.O.B - TOP OF BEAM
  - LS - LONGITUDINAL SECTION
  - CL - CENTER LINE OF COLUMN
  - 2L STPS. - 2LEGGED STIRRUPS
  - F.F.L - FLOOR FINISH LEVEL

- NOTES:**
1. ALL DIMENSIONS ARE IN FEET AND INCHES, UNLESS OTHERWISE SPECIFIED.
  2. ALL LEVELS ARE FOLLOWED FROM F.F.L.
  3. ALL GRID LINES GIVEN ARE CENTER LINE OF BEAM.
  4. CLEAR COVER TO BEAM - 25mm.
  5. GRADE OF CONCRETE - M20.
  6. GRADE OF STEEL - FE500.
  7. LAP LENGTH / DEVELOPMENT LENGTH - 50 X DIAMETER OF BAR.
  8. POURING OF CONCRETE SHALL BE AFTER CHECKING AND SATISFACTION OF SITE ENGINEER.
  9. ANY MINOR AND MAJOR CHANGES ARE NOT ALLOWED WITHOUT WRITTEN.
  10. NO STRUCTURAL MEMBER SHALL BE CUT OR NOTCHED (OR) OTHERWISE REDUCED IN STRENGTH UNLESS APPROVED BY THE STRUCTURAL ENGINEER.
  11. DRAWING IS N.T.S, DO NOT MEASURE, IF DOUBT, ASK.

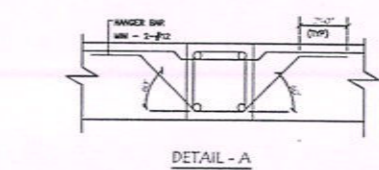
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CLIENT :		TRM CONSTRUCTION			
CONSULTANT :		SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN			
PROJECT :		PROPOSED CONSTRUCTION OF G-2 RESIDENTIAL BUILDING			
TITLE :		RC DETAIL OF PLINTH BEAM			

**DR. S. THILAGAVATHI M.E., Ph.D.,**  
 PRINCIPAL  
**SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN**  
 Kaikkurchi - 622 303, Pudukkottai Dt.

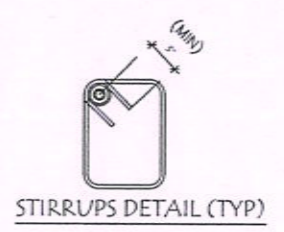
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TYP SECTIONAL ELEVATION



DETAIL - A



STIRRUPS DETAIL (TYP)

- LEGENDS:**
- ST - STRAIGHT BAR
  - SEC - SECTION
  - CRT - CURTAILMENT BAR
  - TYP - TYPICAL
  - MIN - MINIMUM
  - E.L. - ELEVATION LEVEL
  - T.O.B - TOP OF BEAM
  - L.S - LONGITUDINAL SECTION
  - C - CENTER LINE OF COLUMN
  - 2L STPS. - 2LEGGED STIRRUPS
  - F.F.L - FLOOR FINISH LEVEL
  - SFR-SIDE FACE REINFORCEMENT

- NOTES:**
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  2. ALL LEVELS ARE FOLLOWED FROM F.F.L.
  3. ALL GRID LINES GIVEN ARE CENTER LINE OF BEAM.
  4. CLEAR COVER TO BEAM - 25mm.
  5. GRADE OF CONCRETE - M20.
  6. GRADE OF STEEL - FE500.
  7. LAP LENGTH / DEVELOPMENT LENGTH - 50 X DIAMETER OF BAR.
  8. POURING OF CONCRETE SHALL BE AFTER CHECKING AND SATISFACTION OF SITE ENGINEER.
  9. ANY MINOR AND MAJOR CHANGES ARE NOT ALLOWED WITHOUT WRITTEN.
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REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED

CLIENT : TRM CONSTRUCTION

CONSULTANT : - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

PROJECT : PROPOSED CONSTRUCTION OF G+2 RESIDENTIAL BUILDING

TITLE : RC DETAIL OF GROUND FLOOR ROOF BEAM

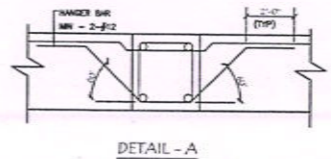
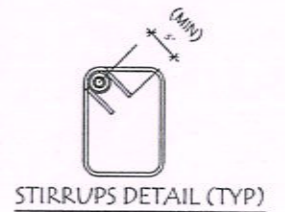
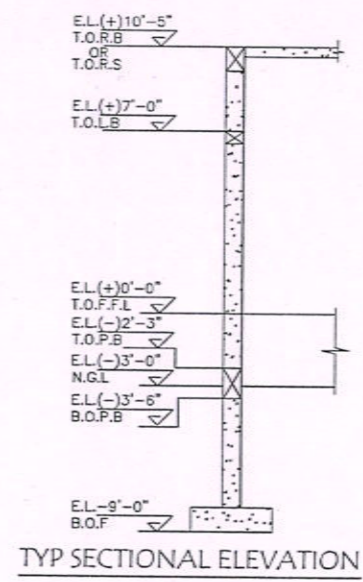
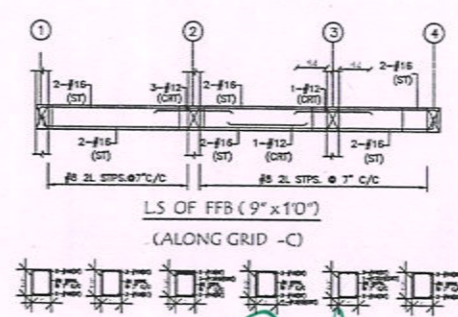
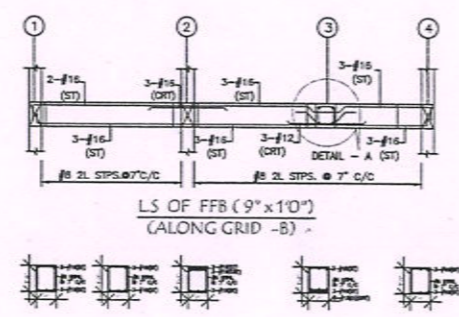
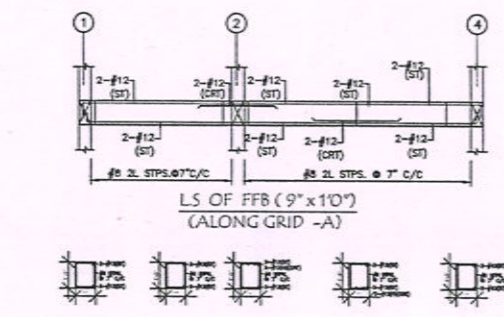
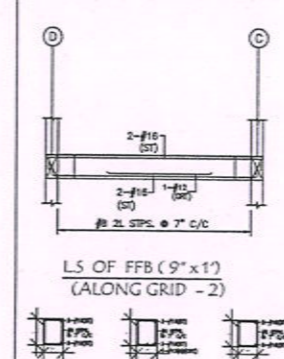
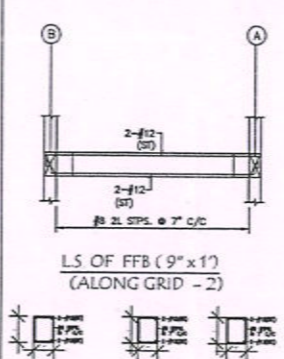
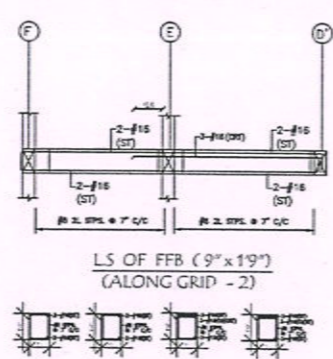
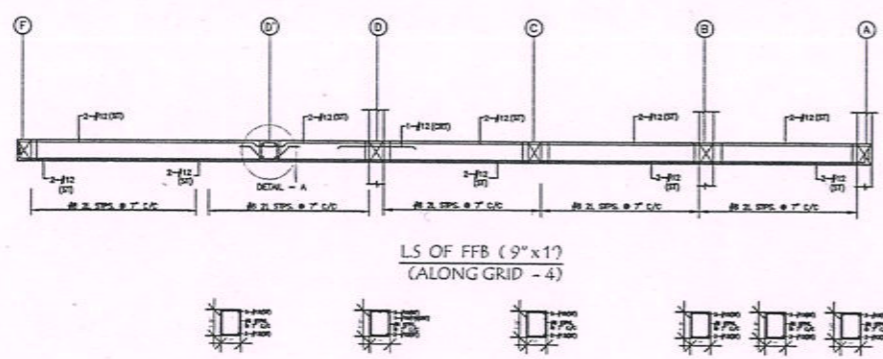
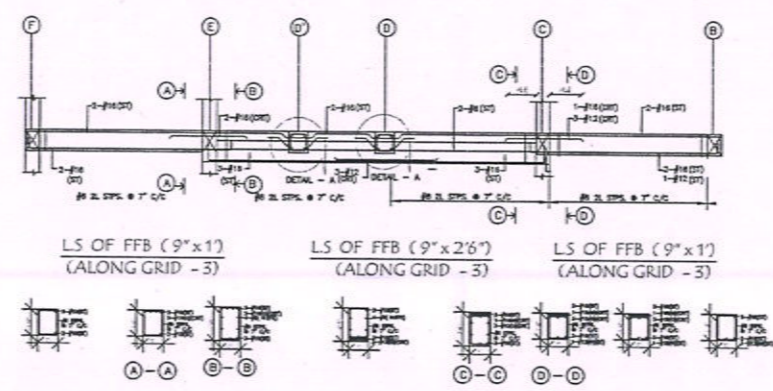
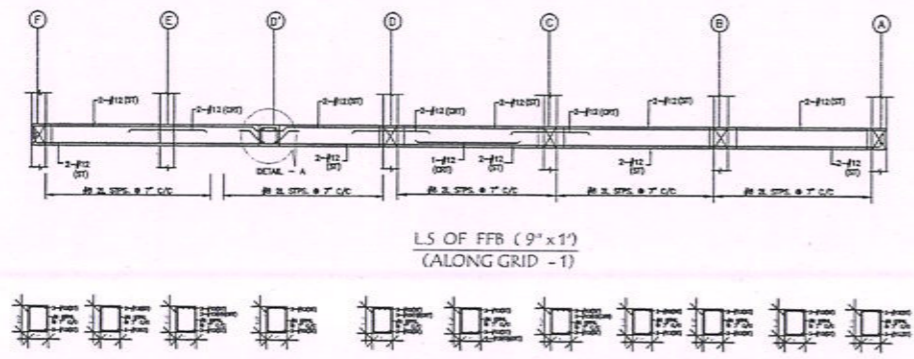
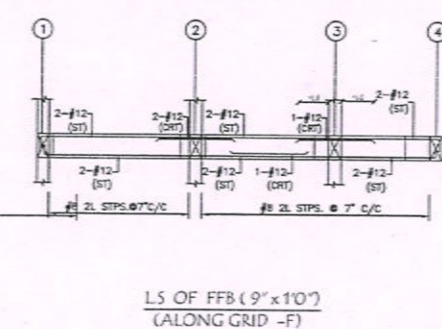
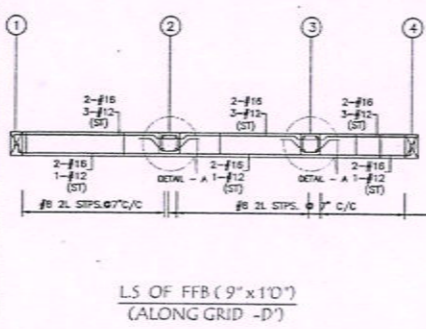
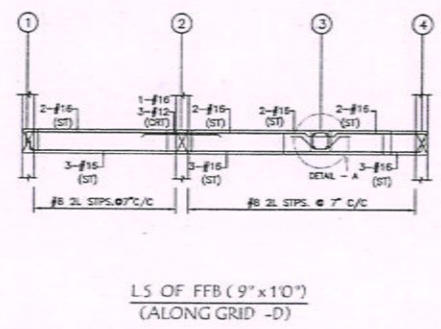
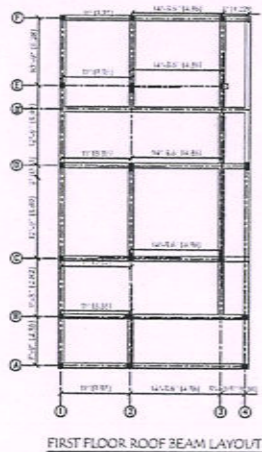
Dr. S. THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

SCALE : NTS DRG NO : RJ-GFB-005 SHEET REV 1 OF 1 00

Drawn by [Signature]

(A1-841x594) THIS DRAWING AND ALL INFORMATION THERE IN CONTAINED ARE CONFIDENTIAL AND THE PROPERTY OF P.P., WITHOUT WHOSE WRITTEN AUTHORIZATION THEY SHOULD NOT BE UTILISED, DISPOSED OR COPIED.



- LEGENDS:**
- ST - STRAIGHT BAR
  - SEC - SECTION
  - CRT - CURTAILMENT BAR
  - TYP - TYPICAL
  - MIN - MINIMUM
  - E.L. - ELEVATION LEVEL
  - T.O.B - TOP OF BEAM
  - LS - LONGITUDINAL SECTION
  - ℄ - CENTER LINE OF COLUMN
  - 2L STPS. - 2LEGGED STIRRUPS
  - F.F.L - FLOOR FINISH LEVEL

- NOTES:**
1. ALL DIMENSIONS ARE IN FEET AND INCHES, UNLESS OTHERWISE SPECIFIED.
  2. ALL LEVELS ARE FOLLOWED FROM F.F.L.
  3. ALL GRID LINES GIVEN ARE CENTER LINE OF BEAM.
  4. CLEAR COVER TO BEAM - 25mm.
  5. GRADE OF CONCRETE - M20.
  6. GRADE OF STEEL - FE500.
  7. LAP LENGTH / DEVELOPMENT LENGTH - 50 X DIAMETER OF BAR.
  8. POURING OF CONCRETE SHALL BE AFTER CHECKING AND SATISFACTION OF SITE ENGINEER.
  9. ANY MINOR AND MAJOR CHANGES ARE NOT ALLOWED WITHOUT WRITTEN.
  10. NO STRUCTURAL MEMBER SHALL BE CUT OR NOTCHED (OR) OTHERWISE REDUCED IN STRENGTH UNLESS APPROVED BY THE STRUCTURAL ENGINEER.
  11. DRAWING IS N.T.S, DO NOT MEASURE, IF DOUBT, ASK.

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED

CLIENT : TRM CONSTRUCTION

CONSULTANT : - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

PROJECT : PROPOSED CONSTRUCTION OF G+2 RESIDENTIAL BUILDING

TITLE : RC DETAIL OF FIRST FLOOR ROOF BEAM

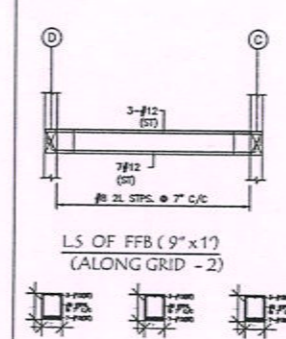
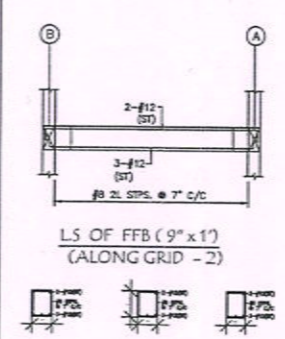
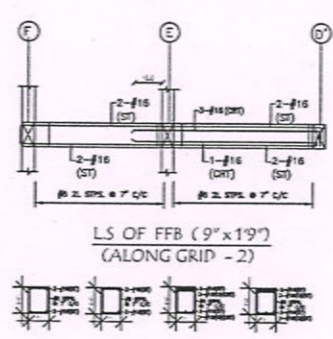
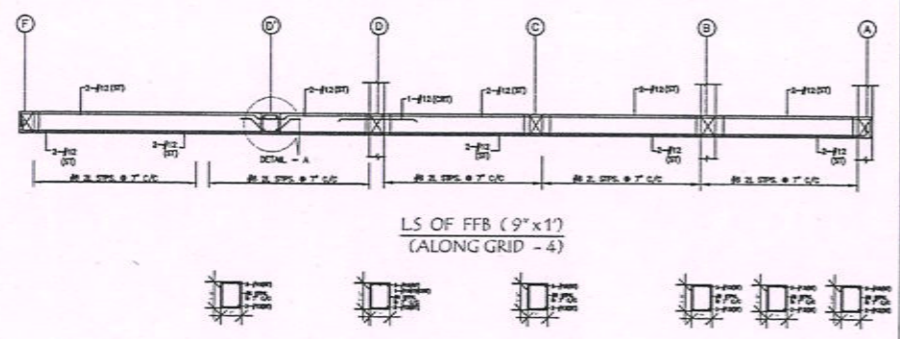
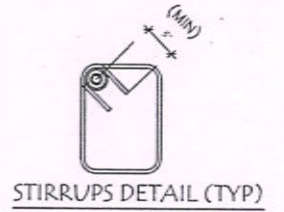
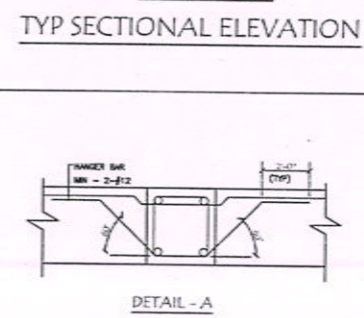
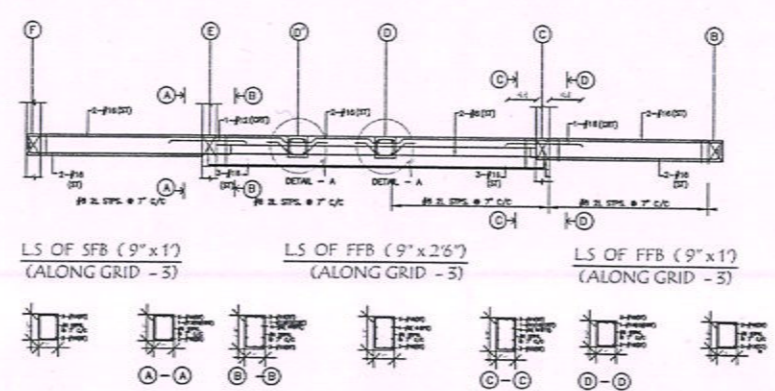
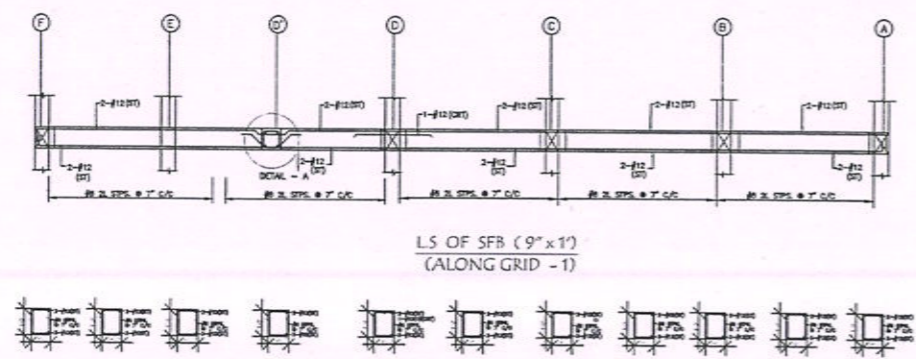
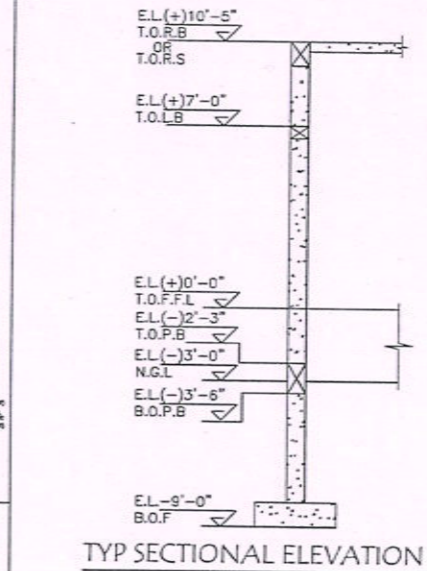
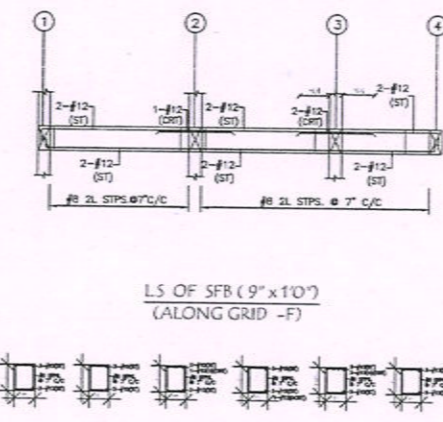
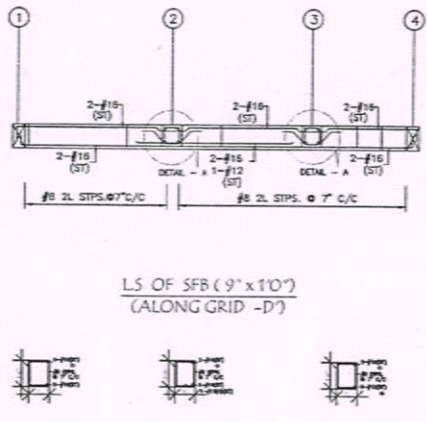
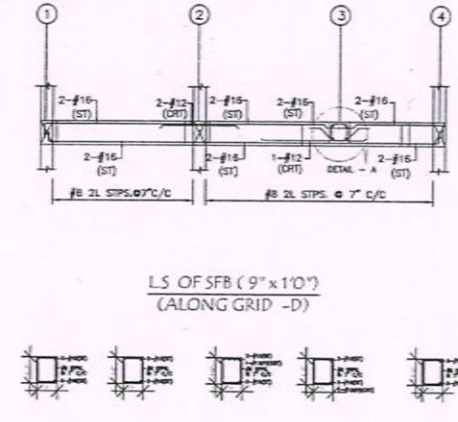
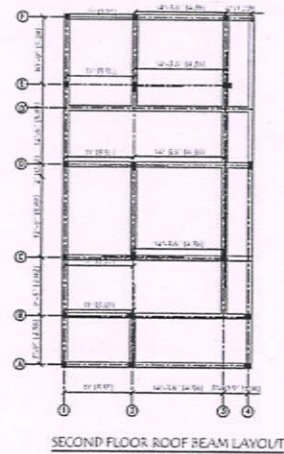
Dr. S. THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL

SCALE : NTS DRG NO : RJ-FFB-004

SHEET REV  
1 OF 1

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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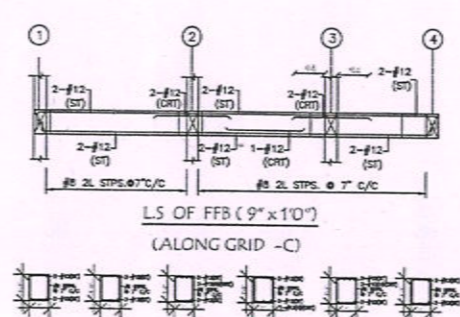
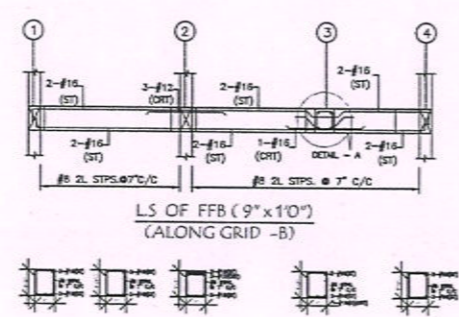
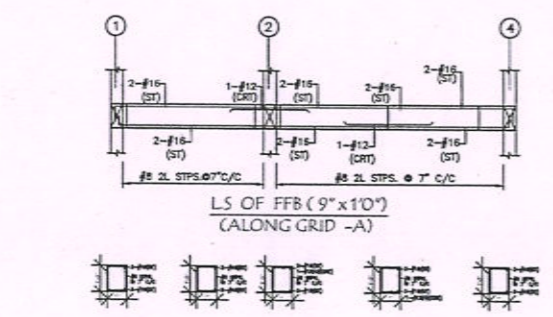


**LEGENDS:**

ST - STRAIGHT BAR  
 SEC - SECTION  
 CRT - CURTAILMENT BAR  
 TYP - TYPICAL  
 MIN - MINIMUM  
 E.L. - ELEVATION LEVEL  
 T.O.B - TOP OF BEAM  
 LS - LONGITUDINAL SECTION  
 CL - CENTER LINE OF COLUMN  
 2L STPS. - 2LEGGED STIRRUPS  
 F.F.L - FLOOR FINISH LEVEL

**NOTES:**

- ALL DIMENSIONS ARE IN FEET AND INCHES, UNLESS OTHERWISE SPECIFIED.
- ALL LEVELS ARE FOLLOWED FROM F.F.L.
- ALL GRID LINES GIVEN ARE CENTER LINE OF BEAM.
- CLEAR COVER TO BEAM - 25mm.
- GRADE OF CONCRETE - M20.
- GRADE OF STEEL - FE500.
- LAP LENGTH / DEVELOPMENT LENGTH - 50 X DIAMETER OF BAR.
- POURING OF CONCRETE SHALL BE AFTER CHECKING AND SATISFACTION OF SITE ENGINEER.
- ANY MINOR AND MAJOR CHANGES ARE NOT ALLOWED WITHOUT WRITTEN.
- NO STRUCTURAL MEMBER SHALL BE CUT OR NOTCHED (OR) OTHERWISE REDUCED IN STRENGTH UNLESS APPROVED BY THE STRUCTURAL ENGINEER.
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REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED

CLIENT : TRM CONSTRUCTION

CONSULTANT : - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

PROJECT : PROPOSED CONSTRUCTION OF G+2 RESIDENTIAL BUILDING

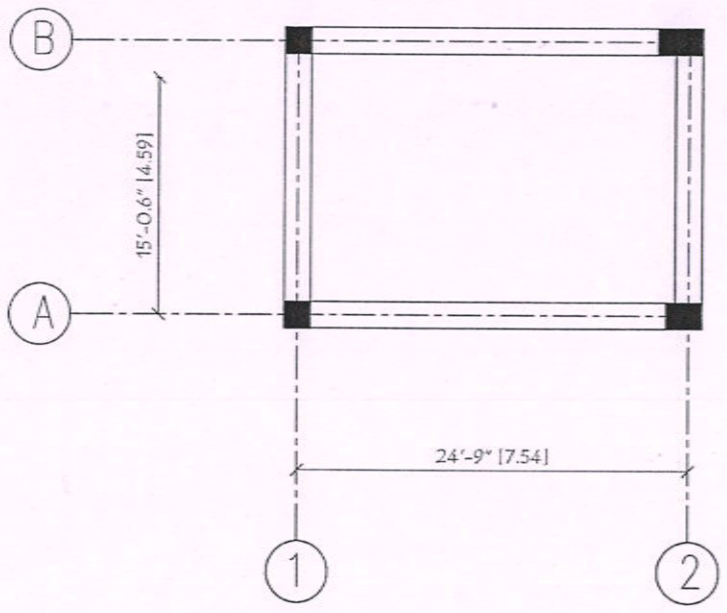
TITLE : RC DETAIL OF SECOND FLOOR ROOF BEAM

**Dr. S. THILAGAVATHI M.E., Ph.D.,**  
 PRINCIPAL

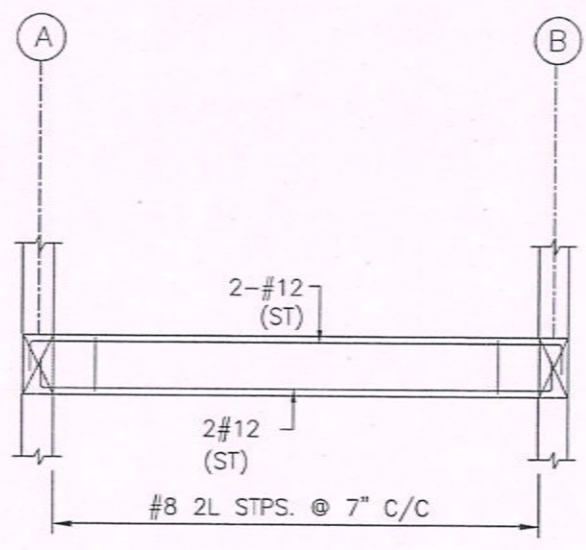
**SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN**

SCALE : NTS    DRG NO : RJ-SFB-005    SHEET REV 1 OF 1 00

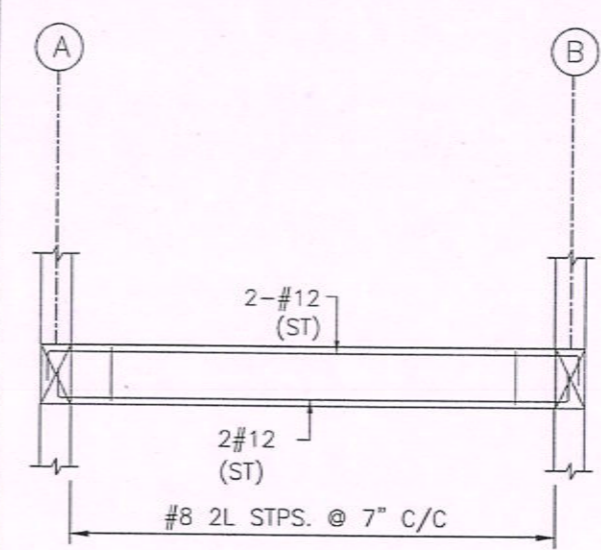
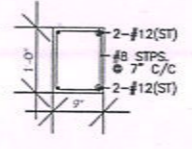
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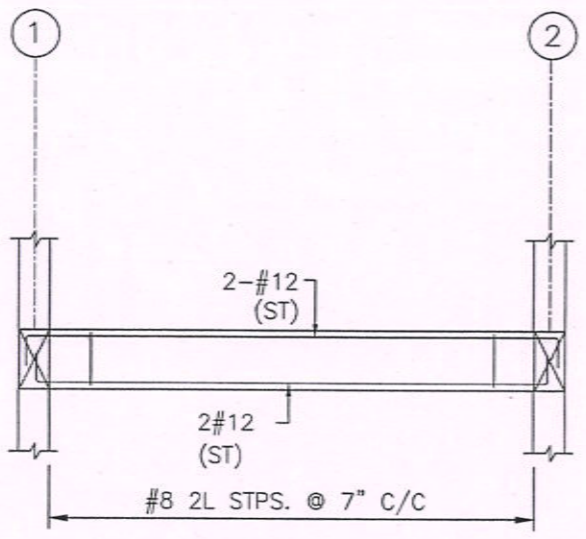
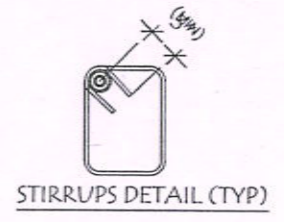
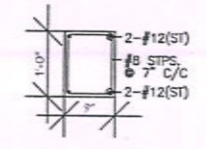
**HEAD ROOM  
BEAM LAYOUT**



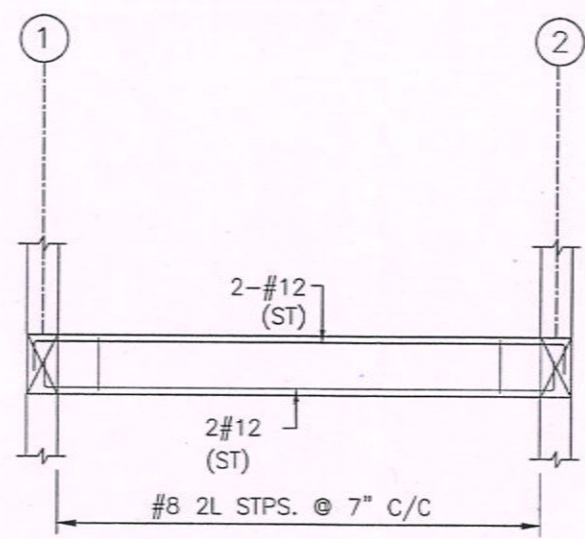
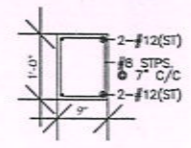
**L.S OF HRB ( 9" x 1' )  
(ALONG GRID - 1)**



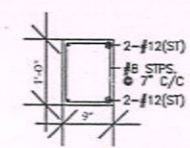
**L.S OF HRB ( 9" x 1' )  
(ALONG GRID - 2)**



**L.S OF HRB ( 9" x 1' )  
(ALONG GRID - A)**



**L.S OF HRB ( 9" x 1' )  
(ALONG GRID - B)**



- LEGENDS:**
- ST - STRAIGHT BAR
  - SEC - SECTION
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  - TYP - TYPICAL
  - MIN - MINIMUM
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  - T.O.B - TOP OF BEAM
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  - CL - CENTER LINE OF COLUMN
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  - F.F.L - FLOOR FINISH LEVEL

- NOTES:**
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  2. ALL LEVELS ARE FOLLOWED FROM F.F.L.
  3. ALL GRID LINES GIVEN ARE CENTER LINE OF BEAM.
  4. CLEAR COVER TO BEAM - 25mm.
  5. GRADE OF CONCRETE - M20.
  6. GRADE OF STEEL - FE500.
  7. LAP LENGTH / DEVELOPMENT LENGTH - 50 X DIAMETER OF BAR.
  8. POURING OF CONCRETE SHALL BE AFTER CHECKING AND SATISFACTION OF SITE ENGINEER.
  9. ANY MINOR AND MAJOR CHANGES ARE NOT ALLOWED WITHOUT WRITTEN.
  10. NO STRUCTURAL MEMBER SHALL BE CUT OR NOTCHED (OR) OTHERWISE REDUCED IN STRENGTH UNLESS APPROVED BY THE STRUCTURAL ENGINEER.
  11. DRAWING IS N.T.S, DO NOT MEASURE, IF DOUBT, ASK.

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED

CLIENT : TRM CONSTRUCTION

CONSULTANT : - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

PROJECT : PROPOSED CONSTRUCTION OF G+2 RESIDENTIAL BUILDING

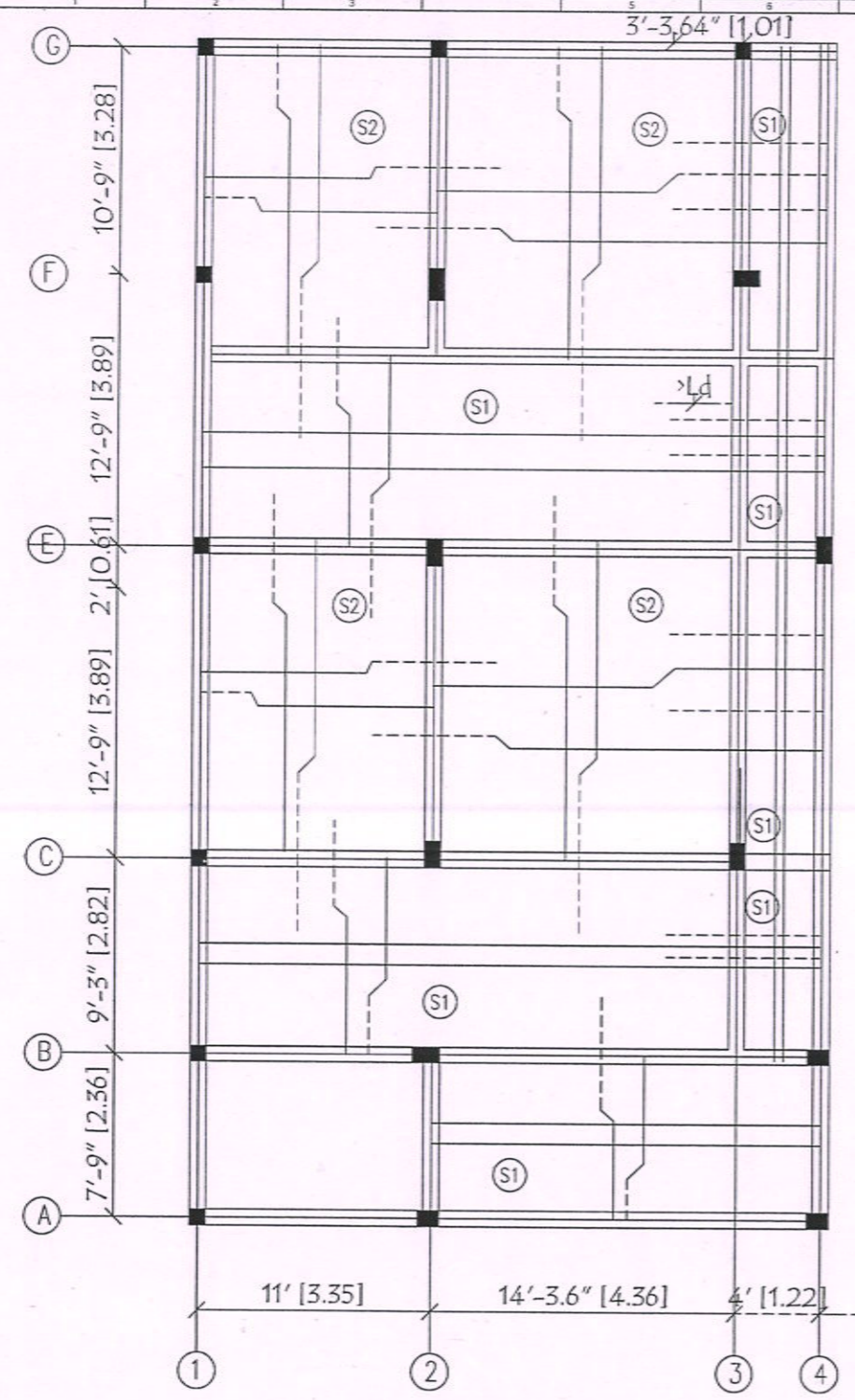
TITLE : RC DETAIL OF HEAD ROOM ROOF BEAM

**Dr. S. THILAGAVATHI M.E., Ph.D.**  
PRINCIPAL

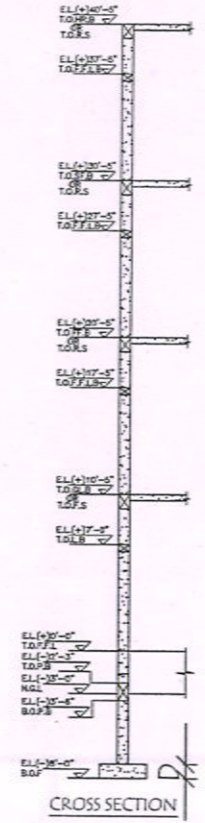
**SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN**

SCALE : NTS DRG NO : RJ-HRB-006 SHEET REV 1 OF 1 00

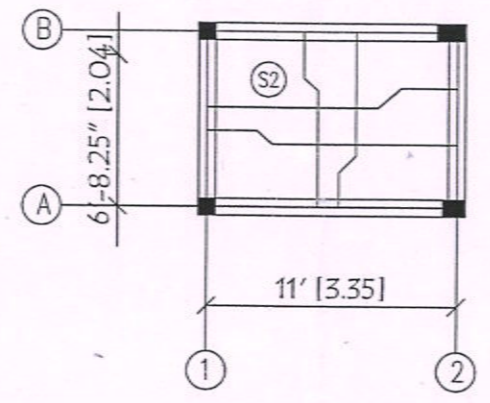
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GF, FF & SF SLAB



CROSS SECTION



HEAD ROOM

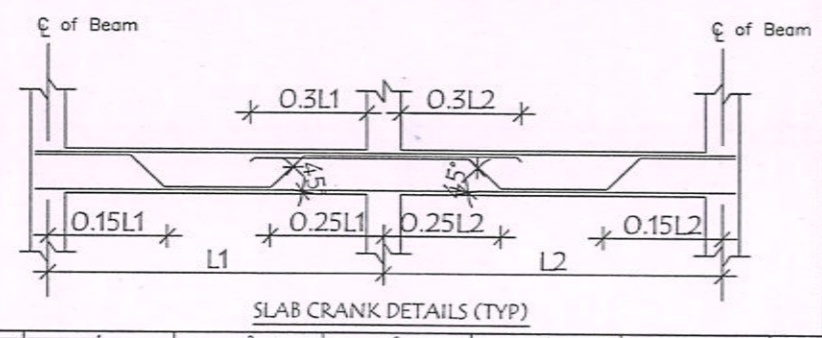


LEGENDS:

- S - SLAB
- TYP - TYPICAL
- E.L. - ELEVATION LEVEL
- T.O.C - TOP OF THE CONCRETE
- RFT - REINFORCEMENT
- Lx - SHORTER SPAN
- CL - CENTERLINE OF BEAM
- T.O.H.R.C - TOP OF HEAD ROOM CONCRETE

NOTES:

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2. ALL LEVELS ARE FOLLOWED FROM F.F.L.
3. ALL GRID LINES GIVEN ARE CENTER LINE OF BEAM.
4. GRADE OF CONCRETE - M15.
5. GRADE OF STEEL REINFORCEMENT - FE500.
6. CLEAR COVER TO SLAB - 20mm.
7. LAP LENGTH SHALL BE 50xDIAMETER OF REINFORCEMENT.
8. ANY MINOR AND MAJOR CHANGES ARE NOT ALLOWED WITHOUT WRITTEN.
9. DRAWING IS N.T.S, DO NOT MEASURE, IF IN DOUBT ASK.
11. ANY MINOR AND MAJOR CHANGES ARE NOT ALLOWED WITHOUT WRITTEN.
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13. DRAWING IS N.T.S, DO NOT MEASURE, IF DOUBT, ASK.
14. ----- is Top Bars
15. \_\_\_\_\_ is Bottom Bars



SLAB CRANK DETAILS (TYP)

SCHEDULE OF SLAB

DESIGNATION	SLAB TYPE	THICKNESS	ELEVATION LEVEL	REINFORCEMENT
(S1)	ONEWAY SLAB	5"	E.L. (+) (10'-5"), (21'-0"), (31'-5") & (42'-0") (T.O.C)	# 10 @ 6"C\C - SHORTER SPAN # 8 @ 6"C\C - LONGER SPAN
(S2)	TWOWAY SLAB	5"	E.L. (+) (10'-5"), (21'-0"), (31'-5") & (42'-0") (T.O.C)	# 10 @ 6"C\C - BOTH WAYS

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED

CLIENT : TRM CONSTRUCTION  
 CONSULTANT : - SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN  
 PROJECT : PROPOSED CONSTRUCTION OF G+2 RESIDENTIAL BUILDING  
 TITLE : RC DETAIL OF SLAB

**Dr. S. THILAGAVATHI M.E., Ph.D.,**  
 PRINCIPAL  
**SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN**  
 Kaikkurchi - 622 303, Pudukkottai Dt.

SCALE : NTS DRG NO : RJ-RS-007

SHEET REV  
1 OF 1 00

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*(Handwritten signature)*



# SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

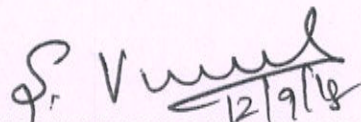
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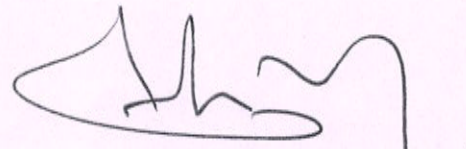
Pudukkottai - Aranthangi Road,  
Kaikkurichi, Pudukkottai - 622 303.

Date : 12.09.18.....

## UTILISATION CERTIFICATE

Certified that an amount of **Rs. 30,240/- (Thirty thousand two hundred and forty only)** sanctioned during the year **2018** in favor of civil engineering received from **TRM Construction** has been utilized for the project consultancy work titled **“Design of residential building”**. The purpose for which it was sanctioned has been duly fulfilled and delivered as per the conditions of the grant.

  
12/9/18  
PROJECT INVESTIGATOR

  
PRINCIPAL  
12/09/18  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
KAIKKURICHI - 622 303.  
PUDUKKOTTAI DISTRICT

  
Dr. S. THILAGAVATHI, M.E., Ph.D.,  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurichi - 622 303, Pudukkottai Dt.