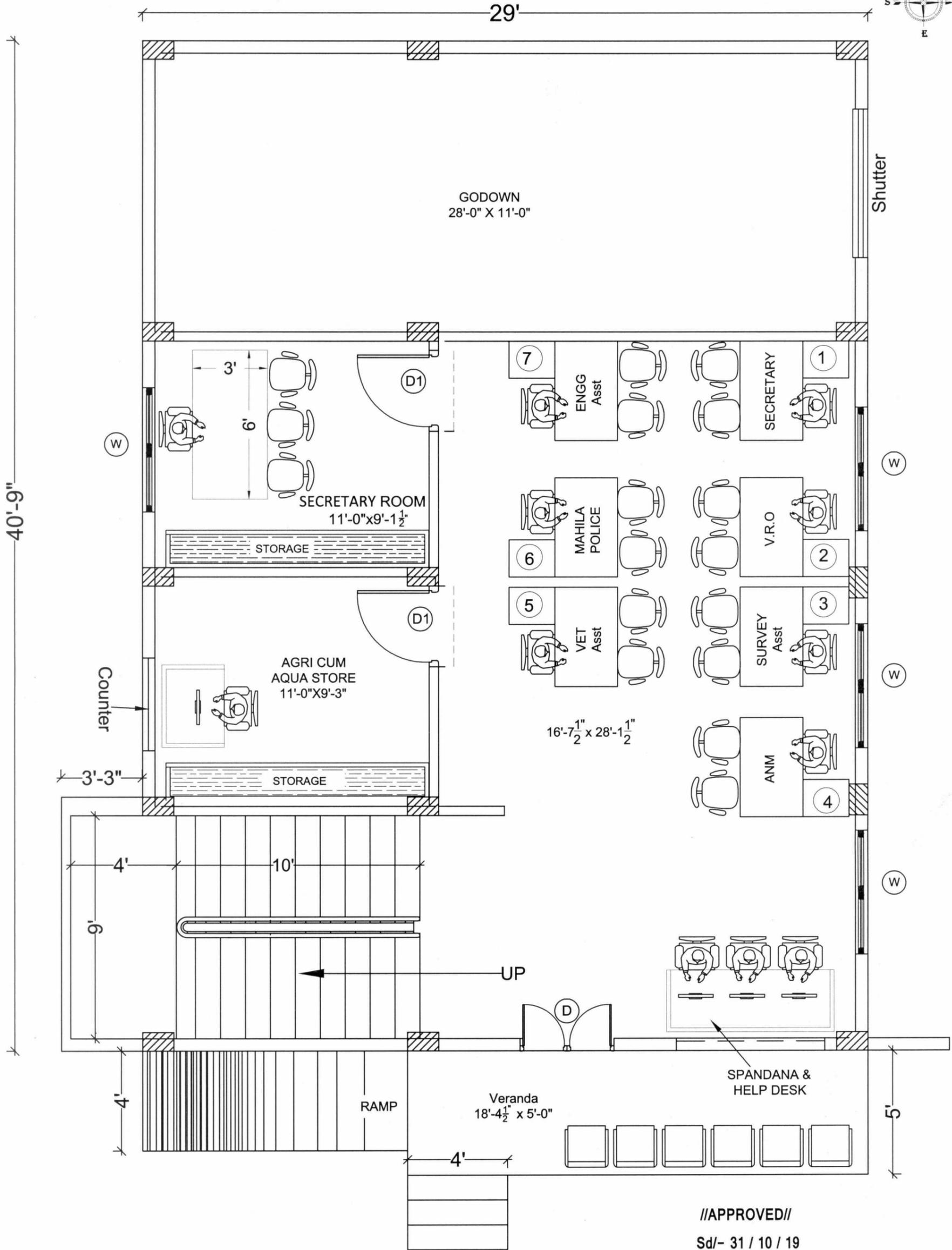
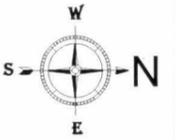


GRAMA SACHIVALAYAM



GROUND FLOOR PLAN

//APPROVED//

Sd/- 31 / 10 / 19

Chief Engineer, PR II  
Vijayawada.

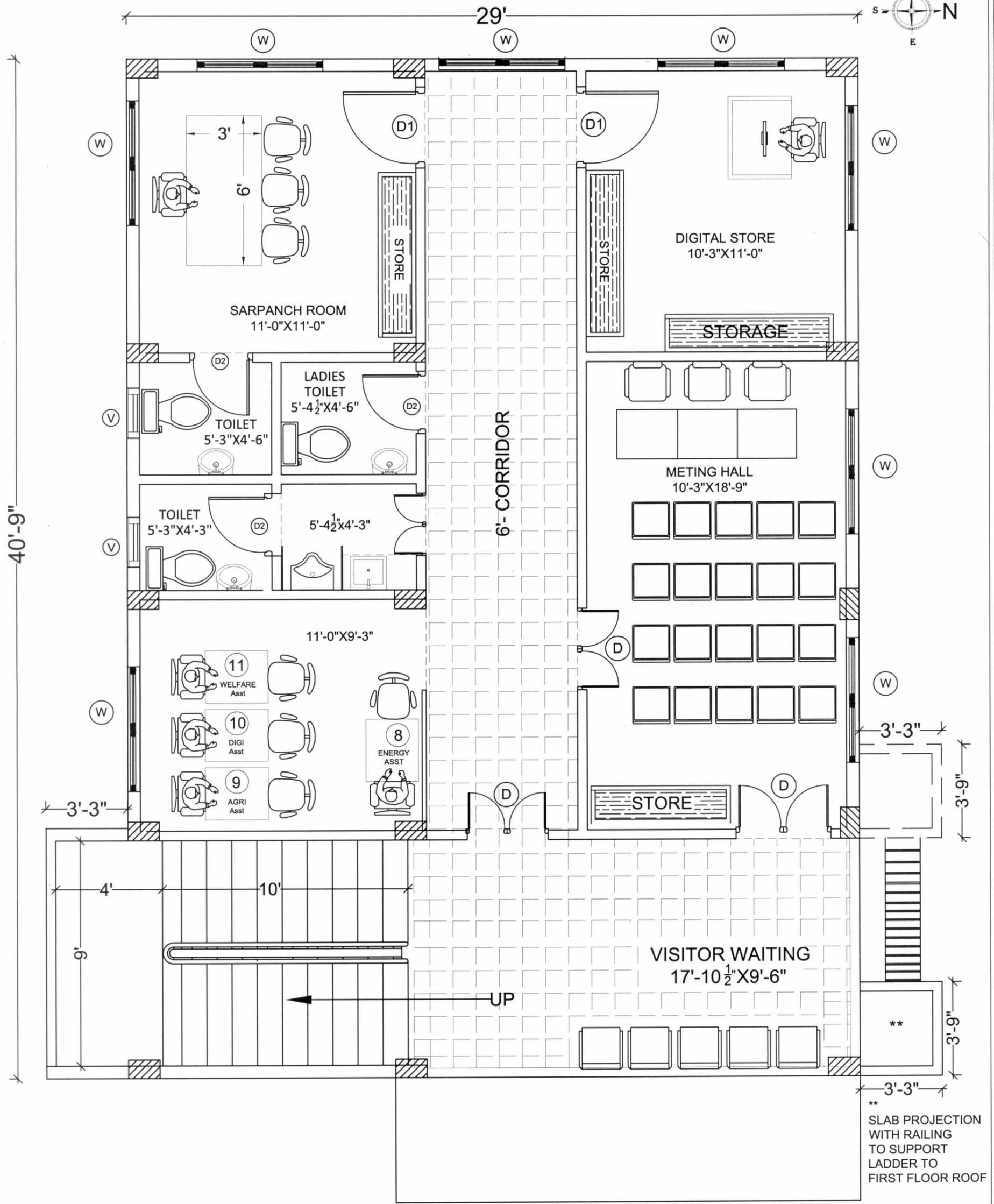
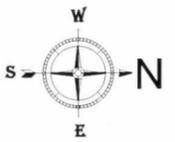
// TRUE COPY //

*[Signature]*  
Dy. Executive Engineer, PR (Designs)

SCHEDULE OF OPENINGS :	
MAIN DOOR D	= 1.20 X 2.10
DOOR D1	= 1.05 X 2.10
DOOR D2	= 0.76 X 2.10

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Drg. Title :	GROUND FLOOR PLAN
Drg.No :	PR / Grama Sachivalayam / AR / 01
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	

GRAMA SACHIVALAYAM



FIRST FLOOR PLAN

//APPROVED//

Sd/- 31 / 10 / 19

Chief Engineer, PR II  
Vijayawada.

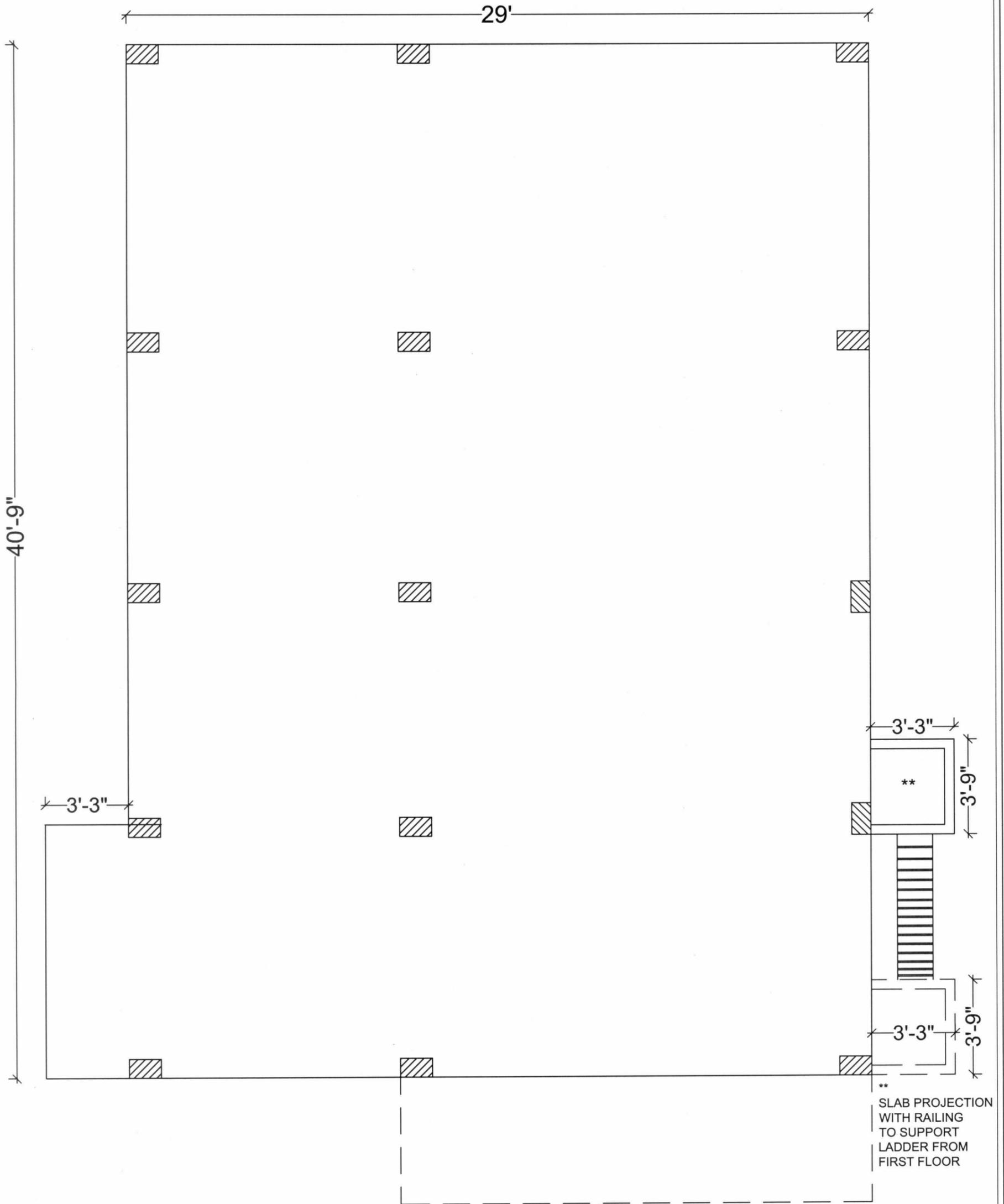
// TRUE COPY //

*[Signature]*  
Dy. Executive Engineer, PR (Designs)

SCHEDULE OF OPENINGS :	
MAIN DOOR D	= 1.20 X 2.10
DOOR D1	= 1.05 X 2.10
DOOR D2	= 0.76 X 2.10

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Drg. Title :	FIRST FLOOR PLAN
Drg.No :	PR / Grama Sachivalayam / AR / 02
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	

GRAMA SACHIVALAYAM



TERRACE FLOOR PLAN

//APPROVED//

Sd/- 31 / 10 / 19

Chief Engineer, PR II  
Vijayawada.

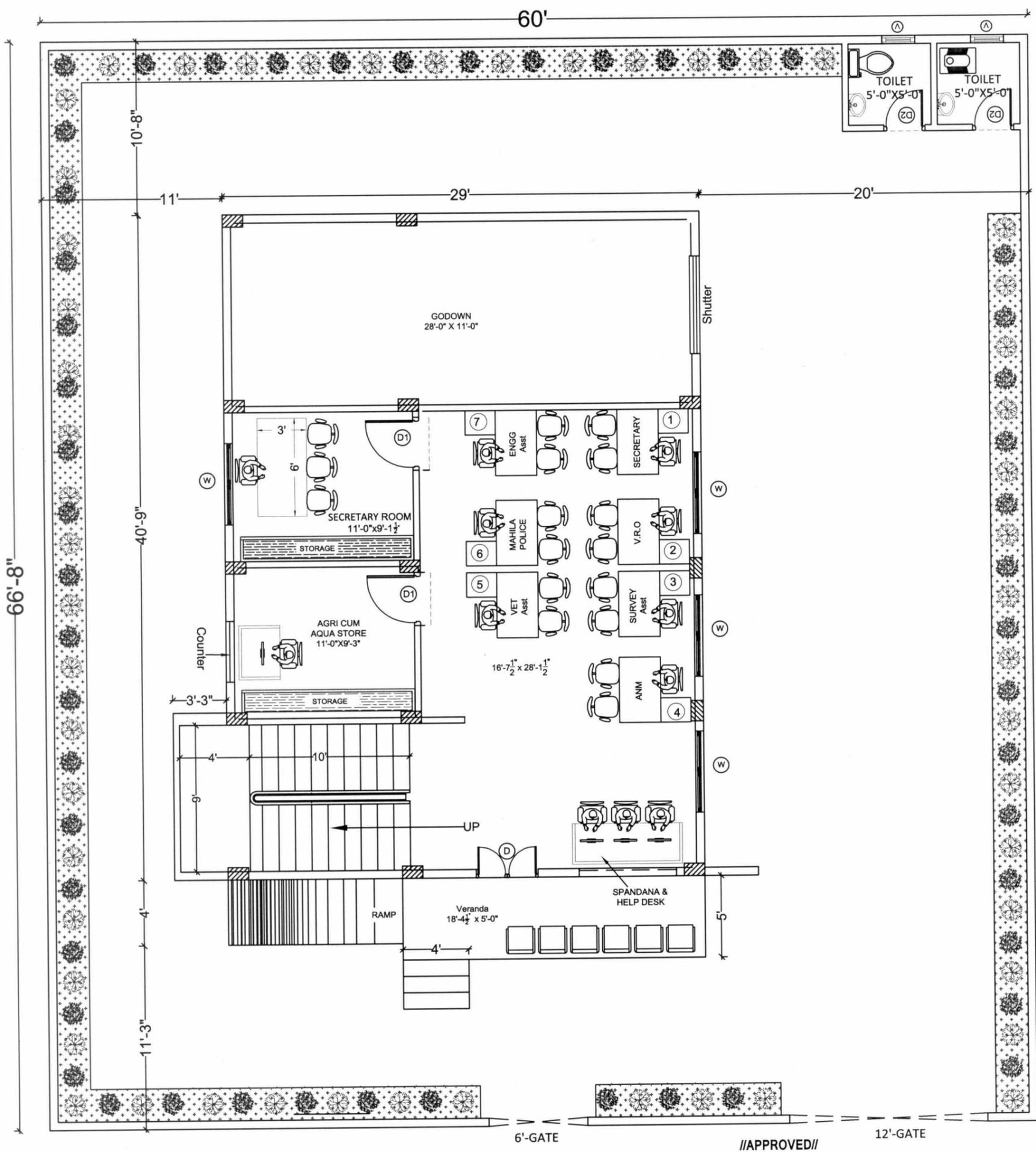
// TRUE COPY //

*[Signature]*  
Dy. Executive Engineer, PR (Designs)

*[Date]*  
25/11/19

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Drg. Title :	TERRACE FLOOR PLAN
Drg.No :	PR / Grama Sachivalayam / AR / 03
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	

# GRAMA SACHIVALAYAM



**GROUND FLOOR LAYOUT**

**//APPROVED//**  
 Sd/- 31 / 10 / 19  
 Chief Engineer, PR II  
 Vijayawada.

**// TRUE COPY //**

Dy. Executive Engineer, PR (Designs)  
 1/11/2019  
 2/11/19

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Drg. Title :	LAYOUT PLAN
Drg.No :	PR / Grama Sachivalayam / AR / 04
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	

**NOTES:**

- DO NOT SCALE THIS DRAWING. FOLLOW FIGURED DIMENSIONS ONLY.
- ALL DIMENSIONS ARE IN MM ONLY AND LEVELS ARE IN METERS UNLESS SPECIFIED.
- S.B.C OF SOIL IS CONSIDERED AS  $\frac{100}{150/200}$  KN/M<sup>2</sup> AT A DEPTH OF \_\_\_\_\_M. AS RECOMMENDED AND SHOULD ENSURE THE SBC AT ALL FOOTINGS BEFORE EXECUTION.
- USE VIBRATED REINFORCED CONCRETE CONFIRMING TO IS : 456-2000. THE GRADES FOR DIFFERENT COMPONENTS ARE AS FOLLOWS

Component	Footing	Pedestal & Columns	Beams	Slabs
Mix	M25	M25	M25	M25

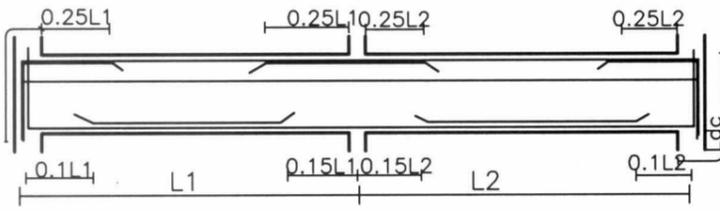
- GRADE OF STEEL SHALL BE Fe500. EXCEPT WHEREVER INDICATED.  
\* IT SHOULD BE ENSURED THAT THE ABOVE STEEL IS PRODUCED BY THERMOMECHANICAL TREATMENT PROCESS, HAVING ELONGATION MORE THAN 14.5% AND CONFIRMING TO IS 1786-85 & ITS AMENDMENTS
- CONCRETE LAID IN THE FORM WORK SHALL INVARIABLY VIBRATED TO OBTAIN MAX. DENSITY AND COMPACTION.
- PROVISIONS MADE IN IS 456-2000, ANDSP 34 AND OTHER RELEVANT CODES SHOULD BE STRICTLY ADHERED TO, DURING EXECUTION.
- LAPS SHALL BE STAGGERED AND LAP LENGTHS ARE AS FOLLOWS.

Mix	M25
Ld	49 Dia Tension/ 39 Dia Compression

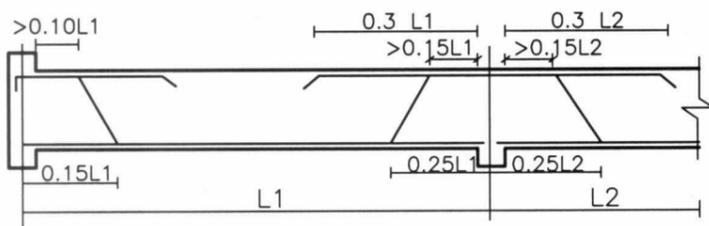
- NOT MORE THAN 50% OF COLUMN REINFORCEMENT SHALL BE LAPPED AT A PARTICULAR LOCATION.
- CLEAR COVERS ARE AS FOLLOWS

FOOTING TO MAIN BAR	PEDESTAL TO STRRIUPS	COLUMN TO STRRIUPS	BEAMS TO STRRIUPS	SLABS & STAIR CASE TO MAIN BAR
50mm	40mm	40mm	25mm	20mm

- ANY LOOSE OR PROTRUDING BOULDERS SHALL BE REMOVED BEFORE LAYING FOUNDATION CONCRETE AND SHALL BE FILLED WITH PCC (1:4:8).
- WHEREVER NECESSARY DRILLING SHALL BE RESORTED TO, IN HARD SHEET ROCK ONLY.
- STIRRUPS SHOULD HAVE STANDARD HOOK AS PER SP-34
- EXTRA BARS AT TOP FOR BEAM SHALL BE EXTENDED UPTO 0.25L ON EITHER SIDE FROM THE FACE OF EDGE MEASURED FROM CENTER OF SUPPORT. WHERE 'L' IS c/c OF SUPPORTS. THE CURTAILMENT OF BOTTOM BARS AT 0.1 L FROM DISCONTINUOUS EDGE AND 0.15 L FROM CONTINUOUS EDGE.

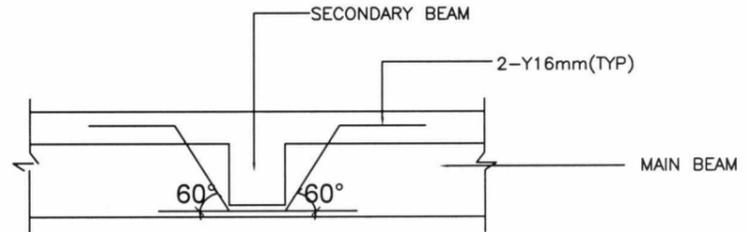


TYPICAL DETAILS OF A BEAM



TYPICAL DETAILS OF A SLAB

- SLAB BARS ARE TO BE CRANCKED AT 0.25 L FROM CENTRE OF SUPPORT NEAR CONTINUOUS EDGES AND 0.15 L FROM CENTRE OF SUPPORT NEAR DISCONTINUOUS EDGES.
- IN SLABS EXTRA BARS OVER CONTINUOUS SUPPORT SHOULD BE TAKEN UPTO 0.3L FROM THE FACE OF BEAM. CRANK BARS AT CONTINUOUS SUPPORT SHOULD NOT BE TERMINATED ON BEAM AND SHOULD BE EXTENDED UPTO 0.3L FROM FACE OF SUPPORT INTO THE ADJACENT SPAN.
- DISTRIBUTION STEEL IN SLAB FOR CRANKED BARS AND TOP EXTRA BARS SHALL BE 8 TOR @ 200 C/C
- THE REINFORCEMENT SHALL BE CHECKED BEFORE LAYING CONCRETE.
- WHEREVER, THE SECONDARY BEAM RESTS ON MAIN BEAM THE ARRANGEMENT OF BENT UP HANGER BARS SHALL BE PROVIDED AS GIVEN BELOW:



- IN BEAMS & SLABS, OVERLAPPING SHALL NOT BE PROVIDED OVER SUPPORTS FOR TOP BARS AND AT MID SPAN FOR BOTTOM BARS.
- WHEREVER REINFORCEMENT IS PROVIDED IN TWO LAYERS IN BEAMS SPACER BAR SHALL BE PROVIDED TO MAINTAIN 25MM GAP OR MAXIMUM DIA OF MAIN BAR, WHICH EVER IS MORE, BETWEEN TWO LAYERS.
- WHEN SPAN IS MORE THAN 6.0M PROVIDE A CAMBER OF SPAN/250 FOR BEAMS & SLABS.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS.
- THIS BUILDING IS DESIGNED FOR G,F+1 STOREYS AND FOR BASIC WIND SPEED 50 m/s AND FOR SEISMIC ZONE -III
- FLOOR TO FLOOR HEIGHT IS CONSIDERED AS 3.30 m
- CURING SHOULD BE DONE AT LEAST FOR 21 DAYS
- STRIPPING TIME OF FORMEWORK SHALL CONFORM TO CLAUSE 11.3 OF IS 456-2000

**LEGEND:**

- FFL : Finished Floor Level.
- FGL : Finished Ground Level
- TOB : Top of beam
- SFL : Structural finished Level

**//APPROVED//**

**Sd/- 31 / 10 / 19**

**Chief Engineer,PR II  
Vijayawada.**

**// TRUE COPY //**

**Dy. Executive Engineer,PR (Designs)**

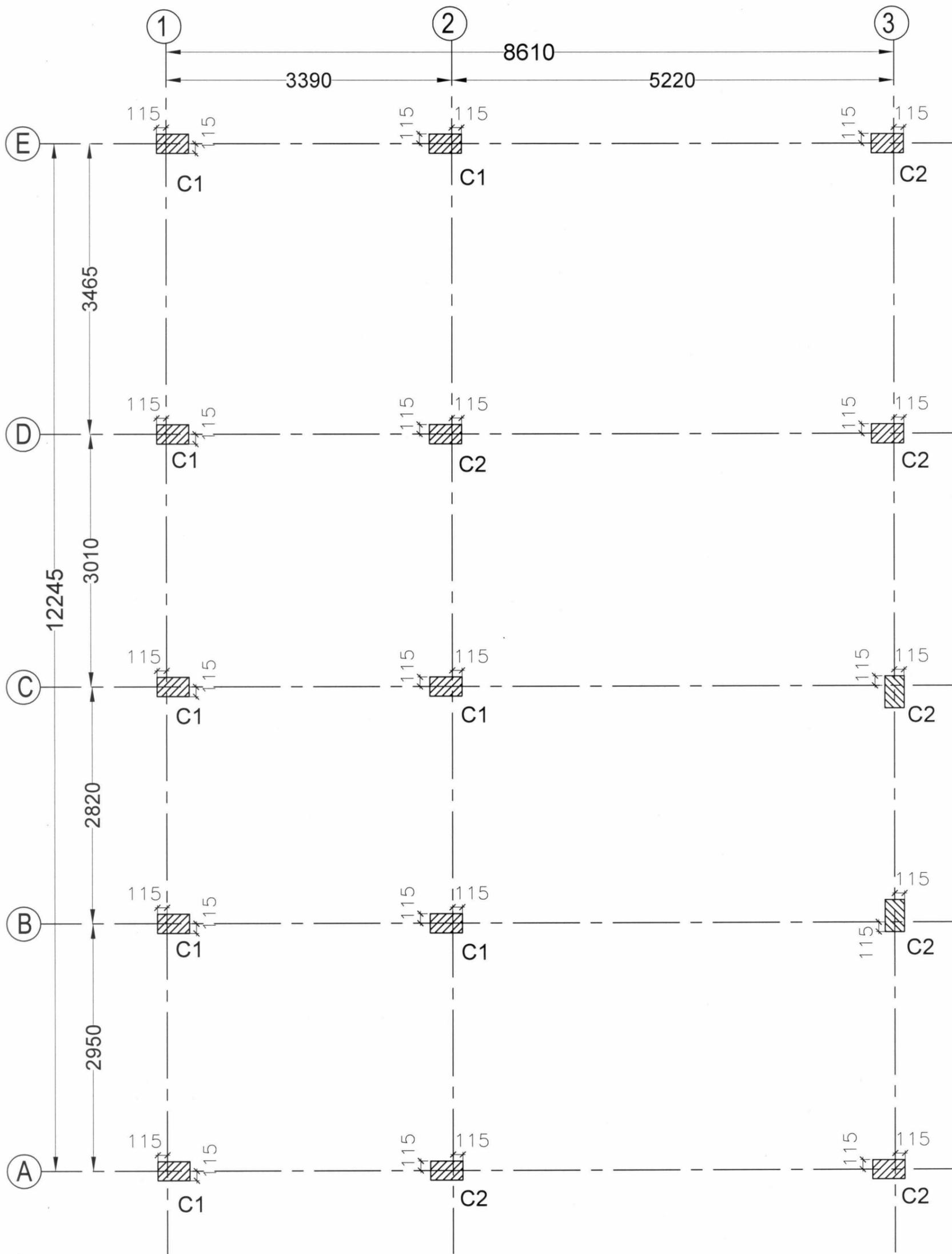
*24/10/19*

**IMPORTANT NOTE:**

- THE RESPONSIBILITY FOR FIXING OF F.G.L AND .F.L ARE LIES WITH THE SE/E.E CONCERNED.
- PRIOR PERMISSION FOR ANY DEVIATION AND FINANCIAL IMPLICATIONS HAVE TO BE OBTAINED BEFORE EXECUTION OF WORK.
- BEFORE COMMENCEMENT OF WORK STRUCTURAL DRAWINGS SHALL HAVE TO BE VARIFIED WITH RESPECT TO THE APPROVED ARCHITECTURAL DRAWING.
- ANY ITEM OF WORK FOR WHICH STRUCTURAL DRAWINGS ARE COMMUNICATED BUT ARE NOT INCLUDED IN AGREEMENT PRIOR APPROVAL SHALL BE TAKEN FROM COMPETENT AUTHORITY BEFORE GROUNDING OF SUCH WORK.
- IF ANY VARIATION IS FOUND IN THE FOUNDATION SOIL WITH REFERENCE TO THE SBC AND SPECIFICATIONS OF SOIL IN THE DESIGNS OF FOUNDATIONS, THE SUPERINTENDING ENGINEER IS REQUESTED TO REPORT THE SAME TO THIS OFFICE FOR REVISION OF FOOTING DESIGNS.

Seismic Zone III , Grade of Concrete : M25, Steel Grade : Fe500

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Drg. Title :	GENERAL NOTES
Drg.No :	PR / Grama Sachivalayam / Z III / M25 / GEN / 01
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	



**COLUMN CENTER LINE LAYOUT**

**//APPROVED//**  
 Sd/- 31 / 10 / 19  
 Chief Engineer,PR II  
 Vijayawada.

Seismic Zone III , Grade of Concrete : M25, Steel Grade : Fe500

**// TRUE COPY //**

*24/11/2019*  
 Dy. Executive Engineer,PR (Designs)

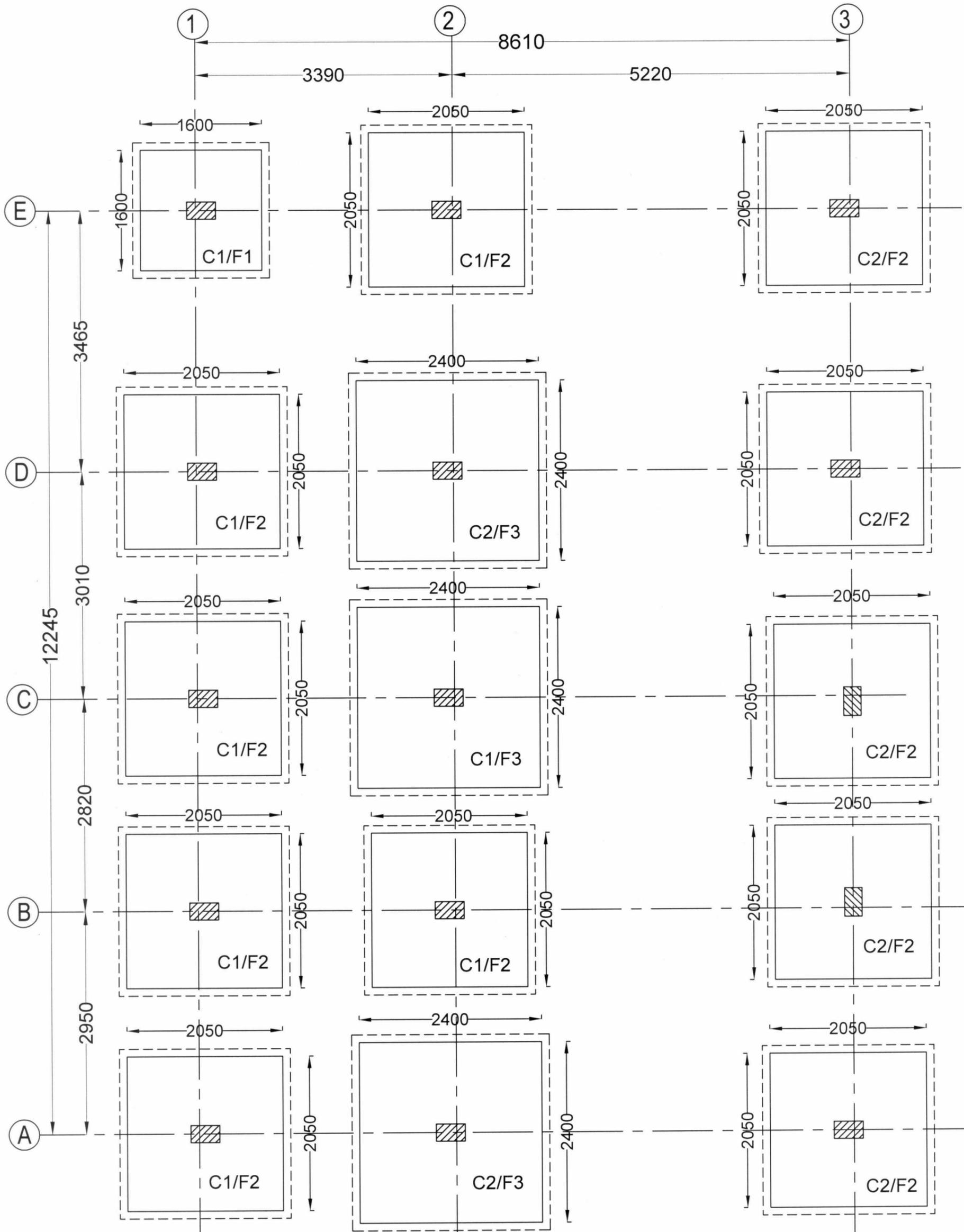
*24/11/19*

NAME OF WORK :  
 CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING

Drg. Title : COLUMN CENTER LINE LAYOUT

Drg.No : PR / Grama Sachivalayam / Z III / M25 / SD / 01

PANCHAYATI RAJ ENGINEERING DEPARTMENT  
 VIJAYAWADA.



COLUMN & FOOTING LAYOUT

SBC -100 KN/m<sup>2</sup>

Seismic Zone III , Grade of Concrete : M25, Steel Grade : Fe500

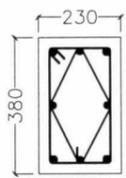
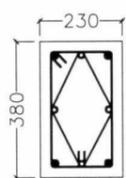
//APPROVED//  
Sd/- 31 / 10 / 19  
Chief Engineer,PR II  
Vijayawada.

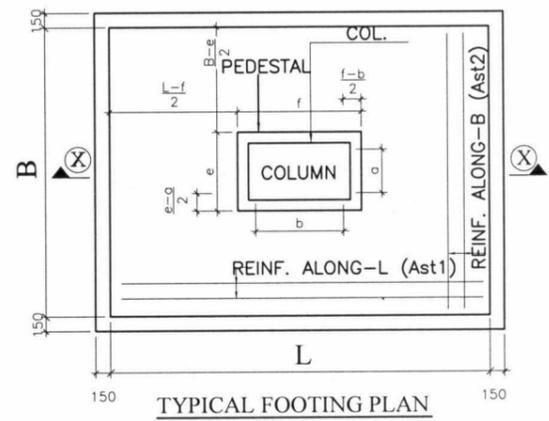
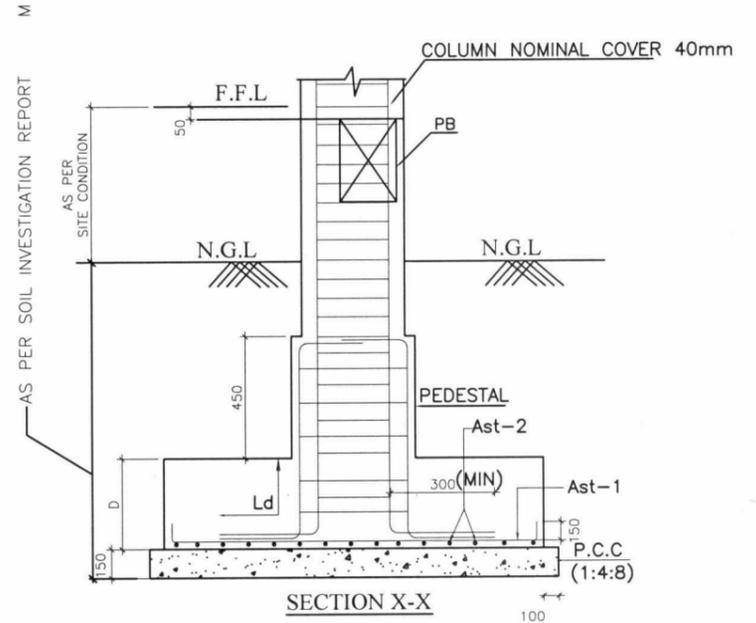
// TRUE COPY //

*[Signature]* 11/11/2019  
Dy. Executive Engineer,PR (Designs) *[Signature]* 11/11/19

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Drg. Title :	COLUMN & FOOTING LAYOUT
Drg.No :	PR / Grama Sachivalayam / Z III / M25 / SD / 2A
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	

**SCHEDULE OF COLUMNS**

COLUMN GROUP	COLUMN SIZE	Reinforcement up to 1st Floor	SECTION
C1	230 x 380	●8-#12mm	
C2	230 x 380	●4-#16mm ○4-#12mm	

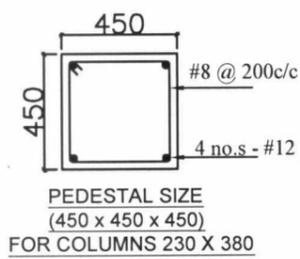


**SCHEDULE OF FOOTINGS FOR SBC - 100 KN/m<sup>2</sup>**

Footing Group	Mix	Footing Size mm L x B	Depth mm	Bottom Reinforcement	
				REINFORCEMENT ALONG-L (Ast1)	REINFORCEMENT ALONG-B (Ast2)
F1	M25	1600 x 1600	300	Y 10- 9 Nos	Y 10- 9 Nos
F2	M25	2050 x 2050	350	Y 12- 12 Nos	Y 12- 12 Nos
F3	M25	2400 x 2400	425	Y 12- 16 Nos	Y 12- 16 Nos

**SPACING OF COLUMN TIES & LINKS IN JOINT & JOINT FACE ZONE**

SNO:	COLUMN SIZE	JOINT FACE ZONE	JOINT ZONE		AT OTHER THAN 1,2,&3
			if column is tied from		
			less than 4 sides	all the 4 sides	
1	230 x 380	10mm @ 75c/c	10mm @ 75c/c	10mm @ 125c/c	8mm @ 115c/c



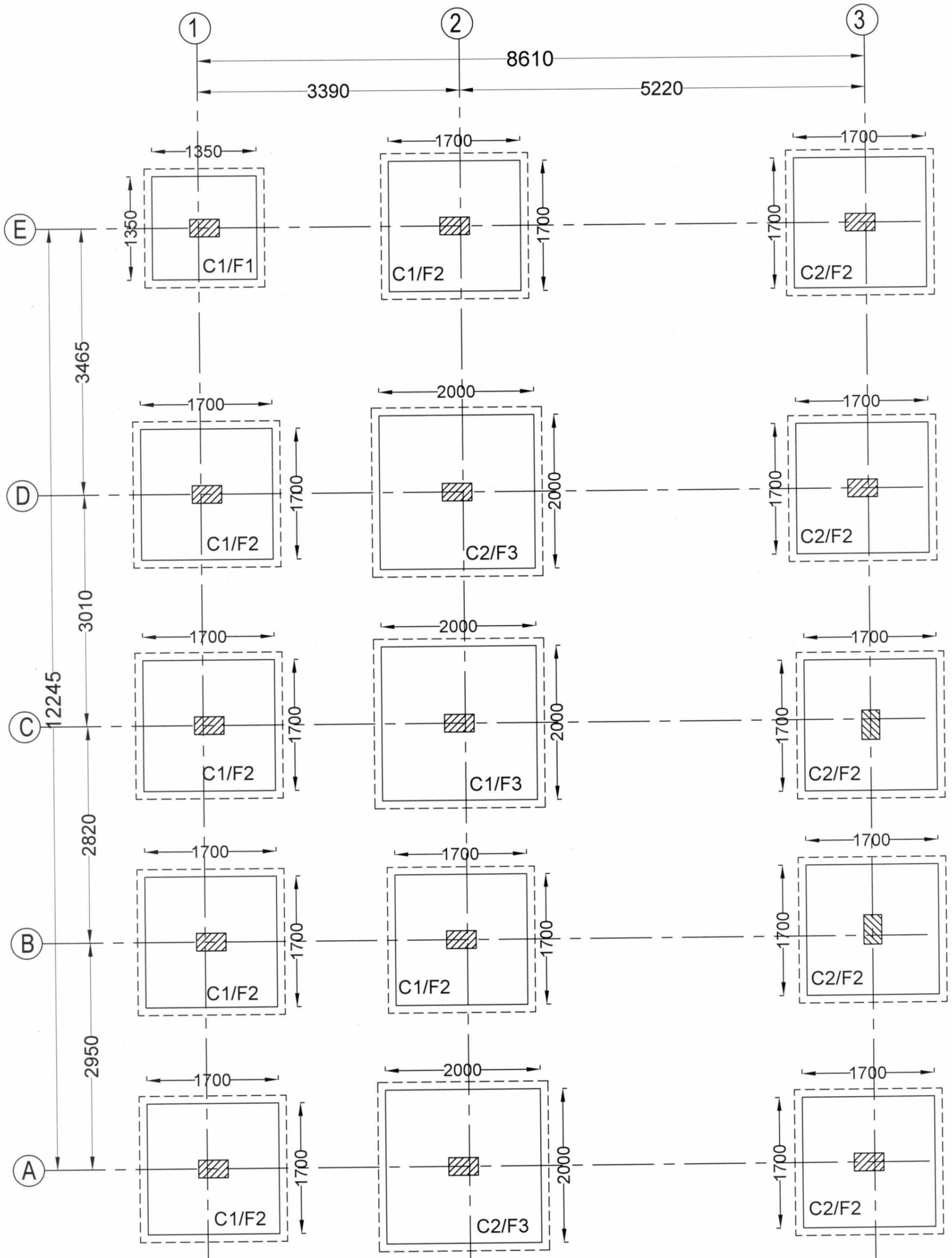
Seismic Zone III , Grade of Concrete : M25, Steel Grade : Fe500

**//APPROVED//**  
Sd/- 31 / 10 / 19  
Chief Engineer,PR II  
Vijayawada.

**// TRUE COPY //**

Dy. Executive Engineer,PR (Designs)

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Drg. Title :	COLUMN & FOOTING SCHEDULE
Drg.No :	PR / Grama Sachivalayam / Z III / M25 / SD / 3A
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	



**COLUMN & FOOTING LAYOUT**

**SBC -150 KN/m<sup>2</sup>**

Seismic Zone III , Grade of Concrete : M25, Steel Grade : Fe500

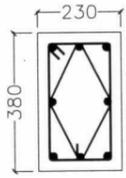
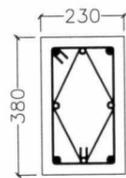
**//APPROVED//**  
 Sd/- 31 / 10 / 19  
 Chief Engineer,PR II  
 Vijayawada.

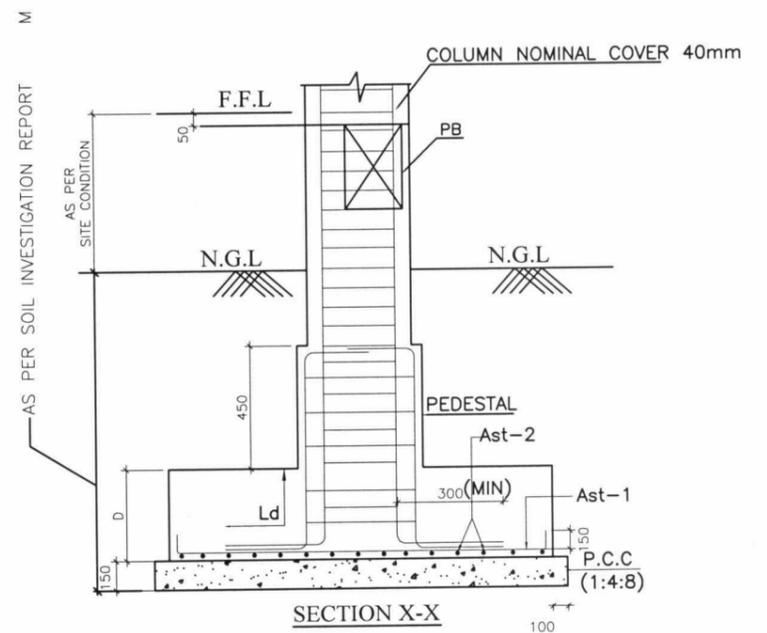
**// TRUE COPY //**

*[Signature]*  
 Dy. Executive Engineer,PR (Designs)  
 11/11/2018  
 11/11/19

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Drg. Title :	COLUMN & FOOTING LAYOUT
Drg.No :	PR / Grama Sachivalayam / Z III / M25 / SD / 2B
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	

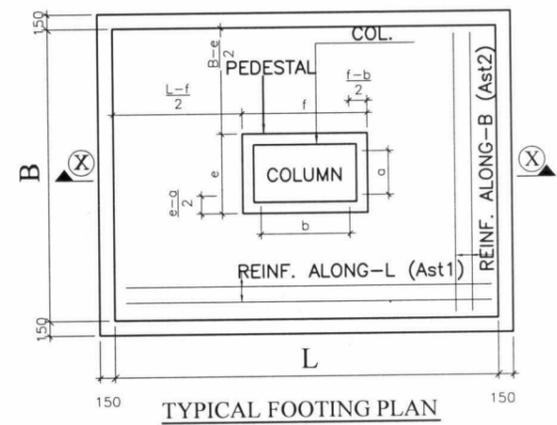
**SCHEDULE OF COLUMNS**

COLUMN GROUP	COLUMN SIZE	Reinforcement up to 1st Floor	SECTION
C1	230 x 380	●8-#12mm	
C2	230 x 380	●4-#16mm ○4-#12mm	



**SCHEDULE OF FOOTINGS FOR SBC - 150 KN/m<sup>2</sup>**

Footing Group	Mix	Footing Size mm L x B	Depth mm	Bottom Reinforcement	
				REINFORCEMENT ALONG-L (Ast1)	REINFORCEMENT ALONG-B (Ast2)
F1	M25	1350 x 1350	300	Y 10- 8 Nos	Y 10- 8 Nos
F2	M25	1700 x 1700	350	Y 12- 10 Nos	Y 12- 10 Nos
F3	M25	2000 x 2000	400	Y 12- 13 Nos	Y 12- 13 Nos



**SPACING OF COLUMN TIES & LINKS IN JOINT & JOINT FACE ZONE**

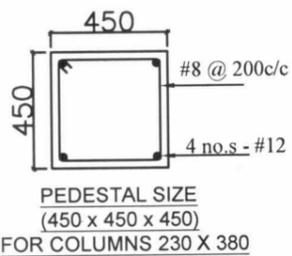
SNO:	COLUMN SIZE	JOINT FACE ZONE	JOINT ZONE		AT OTHER THAN 1,2,&3
			if column is tied from		
			less than 4 sides	all the 4 sides	
1	230 x 380	10mm @ 75c/c	2	3	4
		10mm @ 75c/c	10mm @ 75c/c	10mm @ 125c/c	8mm @ 115c/c

**//APPROVED//**  
Sd/- 31 / 10 / 19  
Chief Engineer, PR II  
Vijayawada.

**// TRUE COPY //**

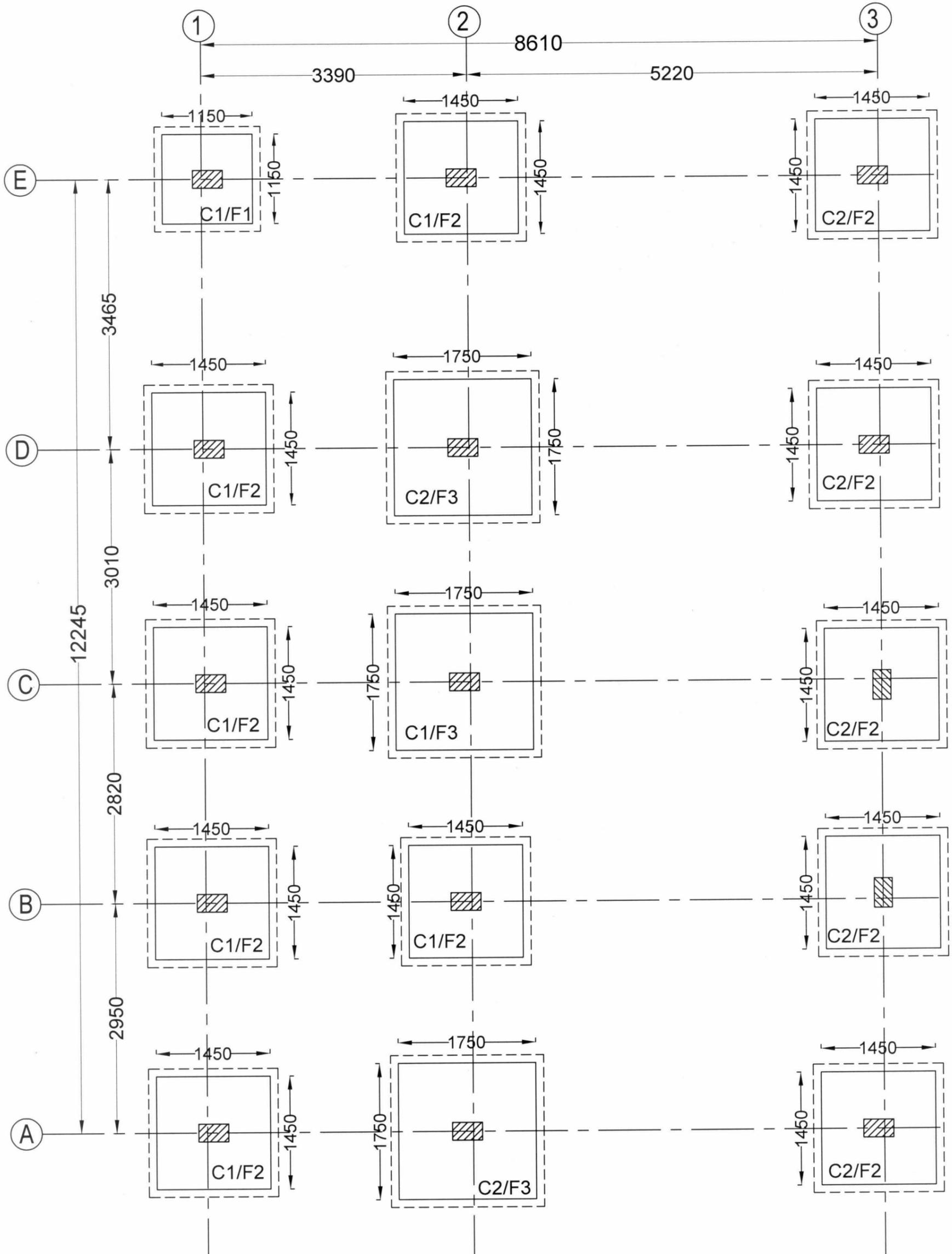
Dy. Executive Engineer, PR (Designs)

*21/11/19*



Seismic Zone III , Grade of Concrete : M25, Steel Grade : Fe500

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Drg. Title :	COLUMN & FOOTING SCHEDULE
Drg.No :	PR / Grama Sachivalayam / Z III / M25 / SD / 3B
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	



**COLUMN & FOOTING LAYOUT**

**SBC -200 KN/m<sup>2</sup>**

**//APPROVED//**

**Sd/- 31 / 10 / 19**

**Chief Engineer, PR II  
Vijayawada.**

**// TRUE COPY //**

**Dy. Executive Engineer, PR (Designs)**

Seismic Zone III , Grade of Concrete : M25, Steel Grade : Fe500

NAME OF WORK :

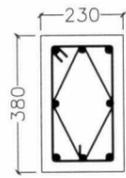
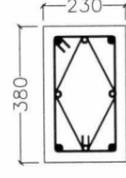
CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING

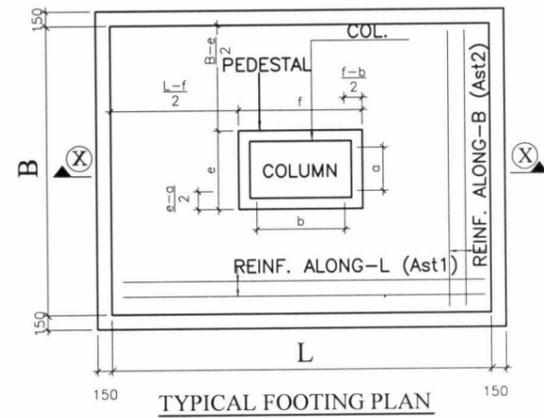
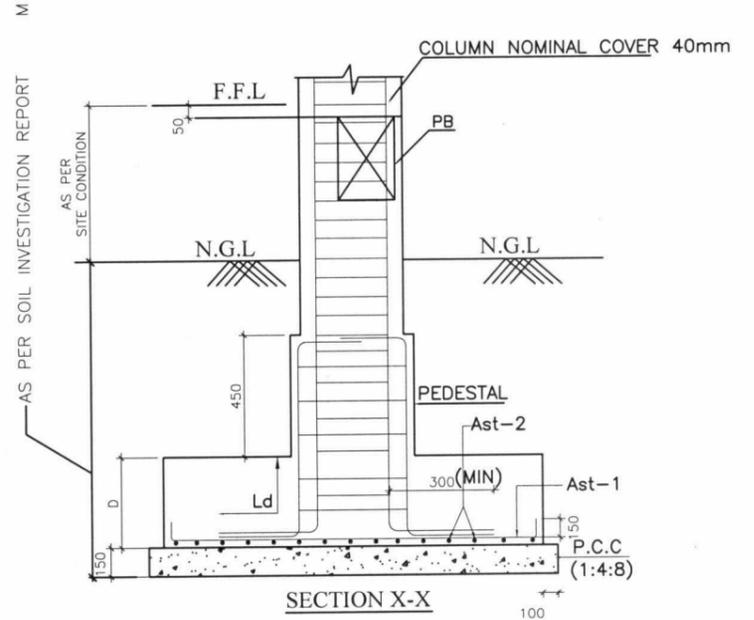
Drg. Title : COLUMN & FOOTING LAYOUT

Drg.No: PR / Grama Sachivalayam / Z III / M25/ SD / 2C

PANCHAYATI RAJ ENGINEERING DEPARTMENT  
VIJAYAWADA.

**SCHEDULE OF COLUMNS**

COLUMN GROUP	COLUMN SIZE	Reinforcement up to 1st Floor	SECTION
C1	230 x 380	●8-#12mm	
C2	230 x 380	●4-#16mm ○4-#12mm	



**SCHEDULE OF FOOTINGS FOR SBC - 200 KN/m<sup>2</sup>**

Footing Group	Mix	Footing Size mm L x B	Depth mm	Bottom Reinforcement	
				REINFORCEMENT ALONG-L (Ast1)	REINFORCEMENT ALONG-B (Ast2)
F1	M25	1150 x 1150	300	Y 10- 7 Nos	Y 10- 7 Nos
F2	M25	1450 x 1450	325	Y 12- 8 Nos	Y 12- 8 Nos
F3	M25	1750 x 1750	400	Y 12- 11 Nos	Y 12- 11 Nos

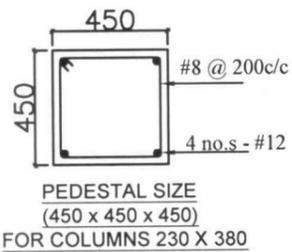
**//APPROVED//**  
 Sd/- 31 / 10 / 19  
 Chief Engineer, PR II  
 Vijayawada.

**SPACING OF COLUMN TIES & LINKS IN JOINT & JOINT FACE ZONE**

SNO:	COLUMN SIZE	JOINT FACE ZONE	JOINT ZONE		AT OTHER THAN 1,2,&3	
			if column is tied from			
			less than 4 sides	all the 4 sides		
			1	2	3	4
1	230 x 380	10mm @ 75c/c	10mm @ 75c/c	10mm @ 125c/c	8mm @ 115c/c	

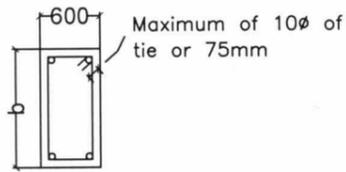
**// TRUE COPY //**

Dy. Executive Engineer, PR (Designs)



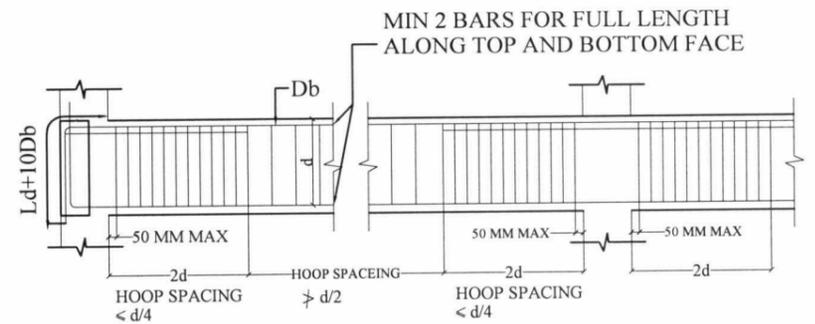
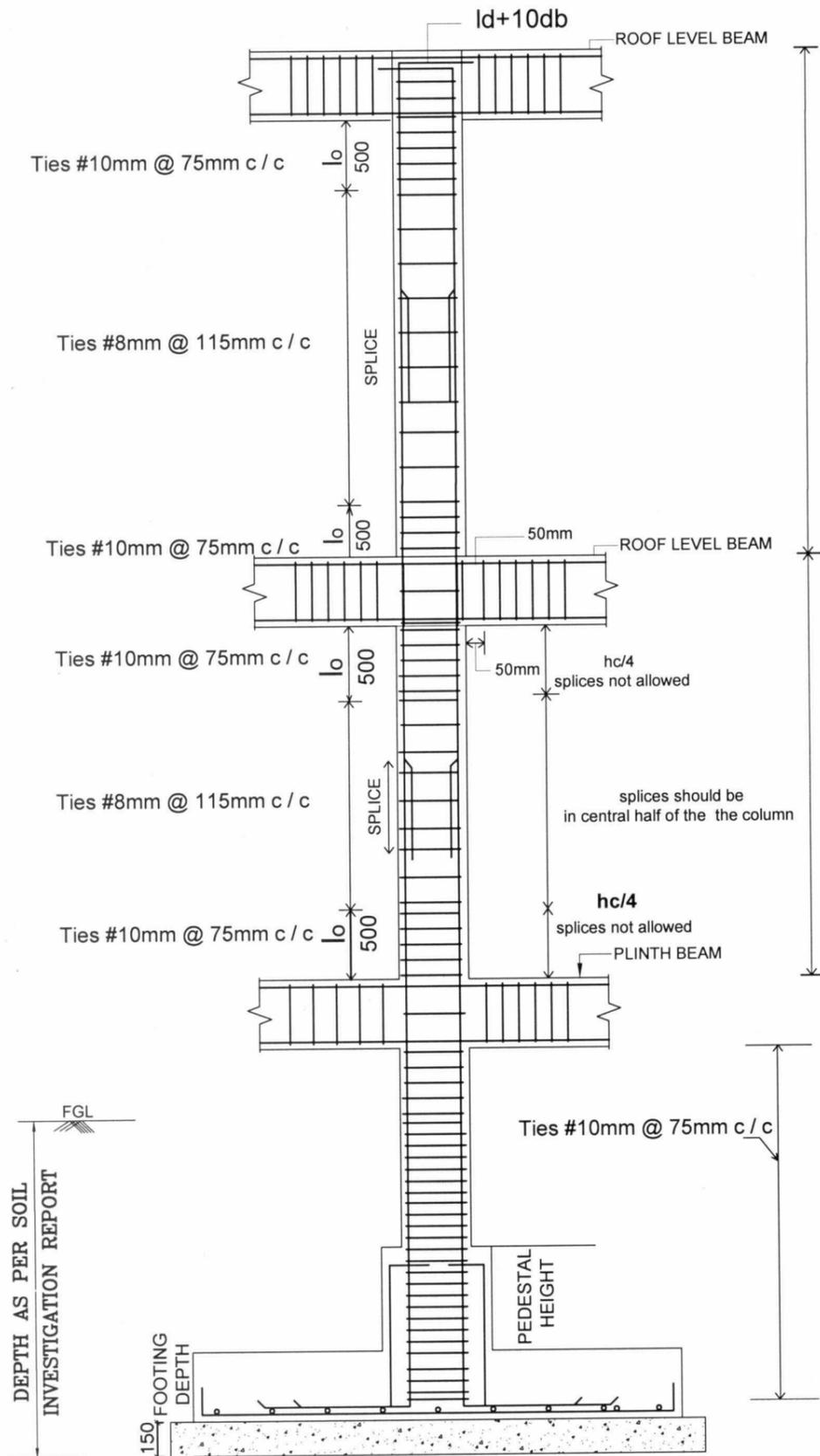
Seismic Zone III , Grade of Concrete : M25, Steel Grade : Fe500

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Drg. Title :	COLUMN & FOOTING SCHEDULE
Drg.No :	PR / Grama Sachivalayam / Z III / M25 / SD / 3C
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	



**SECTION 1-1**  
**(NOTE NO.16)** db = dia of bar

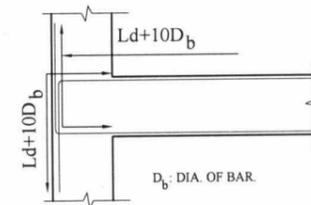
REQUIREMENT OF SPECIAL CONFINING REINF. IN BEAMS	
BEAM SIZE	2d
230X380	690
230X425	780
230X505	940



**TYPICAL L/S OF BEAM REINFORCEMENT**

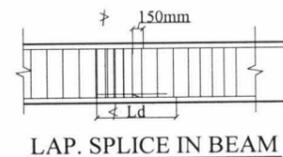
**3300**  
**is floor to floor**  
**height**

- Db - DIA OF BAR
- d - EFFECTIVE DEPTH OF BEAM
- L<sub>eff</sub> - Center to Center distance of Columns

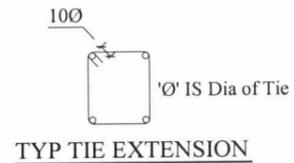


**ANCHORAGE OF BEAM BARS IN EXTERNAL JOINT**

**3300**  
**is floor to floor**  
**height**



**LAP. SPLICE IN BEAM**



**TYP TIE EXTENSION**

**SPACING OF TIES AND LINKS- DUCTILE REQUIREMENTS**

**⇒ JOINT FACE ZONE:**

1. Lo = 450MM (OR) h/6 (OR) 'b' (LARGER LATERAL DIMENSION OF COLUMNS) WHICH EVER IS GREATER
2. JOINT ZONE IS THE JUNCTION OF BEAM PORTION WITH COLUMN.  
GRADE OF CONCRETE - M25  
GRADE OF STEEL - Fe 500

**//APPROVED//**  
**Sd/- 31 / 10 / 19**  
**Chief Engineer,PR II**  
**Vijayawada.**

**// TRUE COPY //**

*[Signature]*  
**Dy. Executive Engineer,PR (Designs)**

*[Signature]*

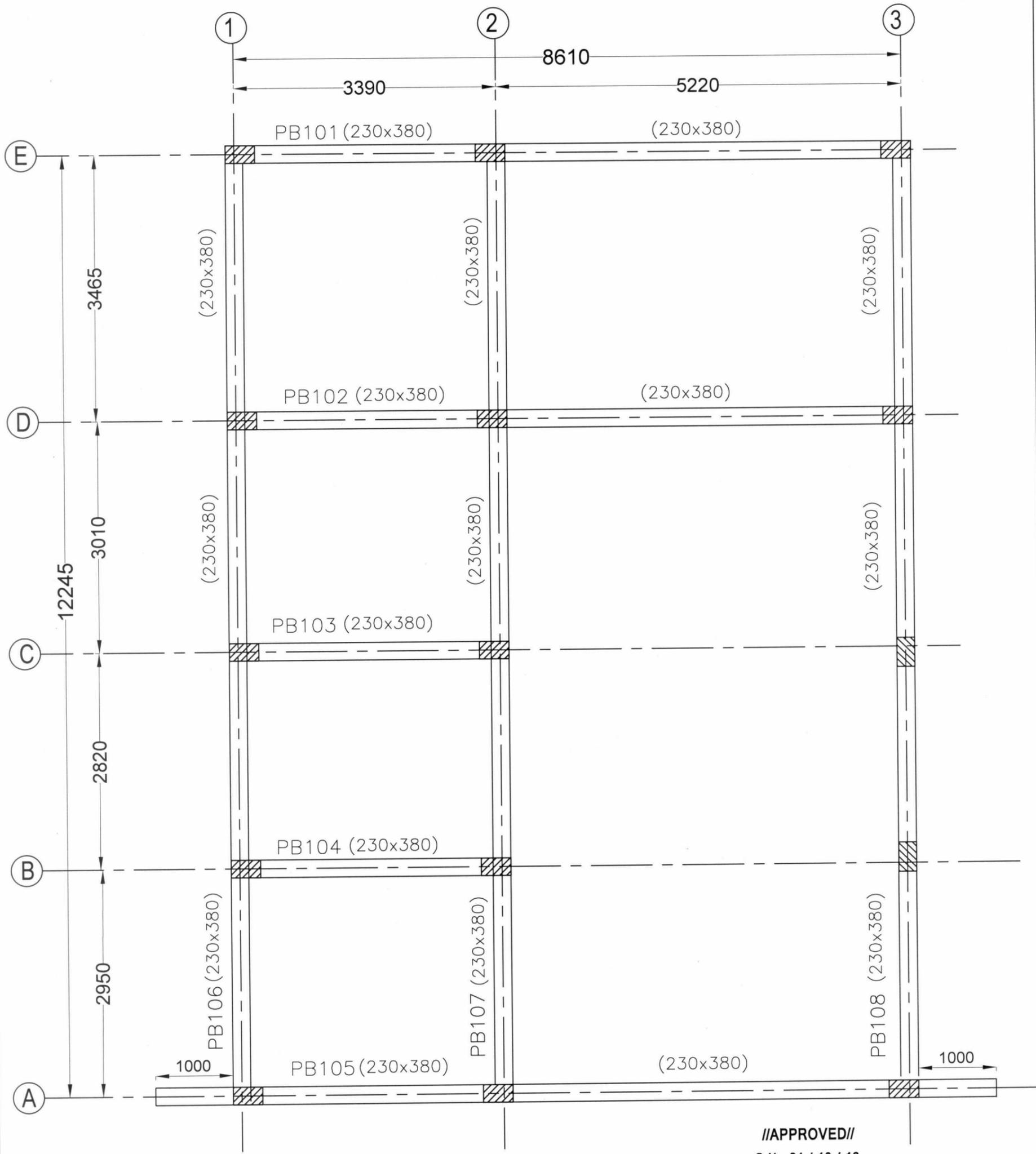
**PROVISION OF SPECIAL CONFINING REINFORCEMENT IN FOOTINGS & COLUMN AND JOINT DETAILING**

**( COLUMN TIED FROM LESS THAN FOUR SIDES )**  
**( COLUMNS 230 x 380 )**

**DUCTILE REINFORCEMENT DETAILING**

Seismic Zone III , Grade of Concrete : M25, Steel Grade : Fe500

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Drg. Title :	TYPE DESIGN ZONE III & M25 DUCTILE DETAILING
Drg.No :	PR / Grama Sachivalayam / Z III / M25 / SD / 3D
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	

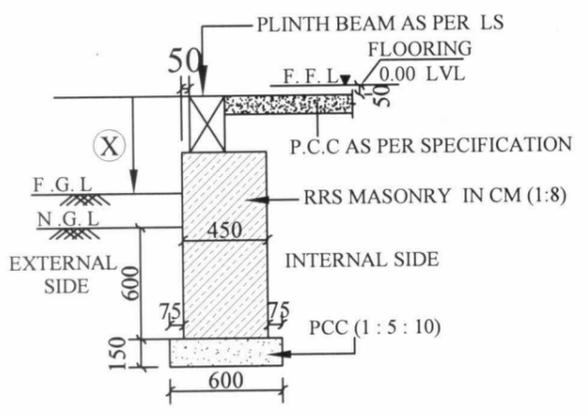


**//APPROVED//**  
 Sd/- 31 / 10 / 19  
 Chief Engineer, PR II  
 Vijayawada.

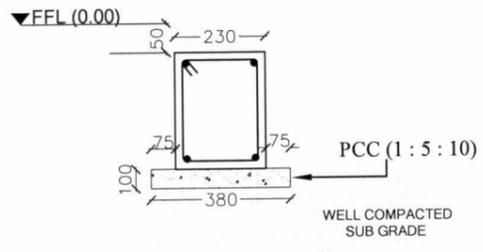
**PLINTH BEAM LAYOUT**

**// TRUE COPY //**

*[Signature]* 5/11/2019  
 Dy. Executive Engineer, PR (Designs)  
*[Signature]* 2/11/19



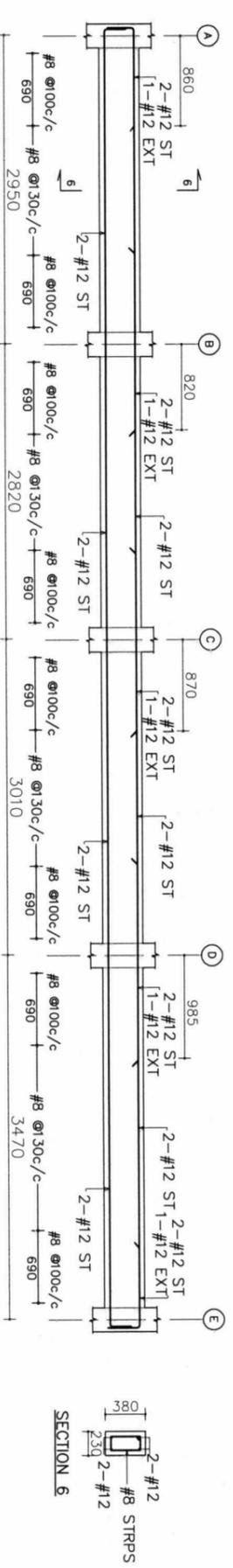
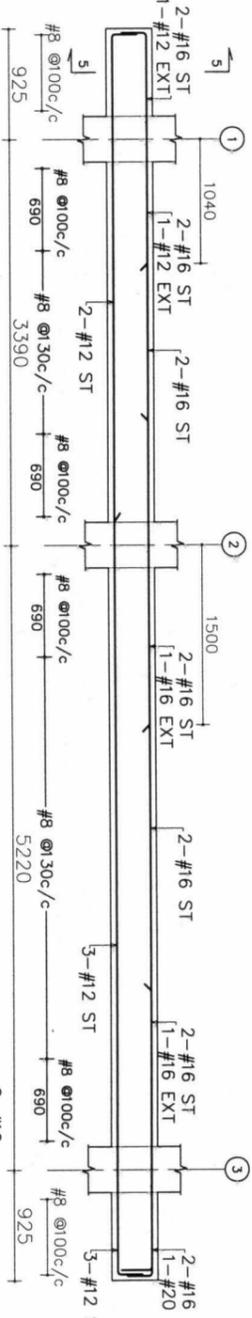
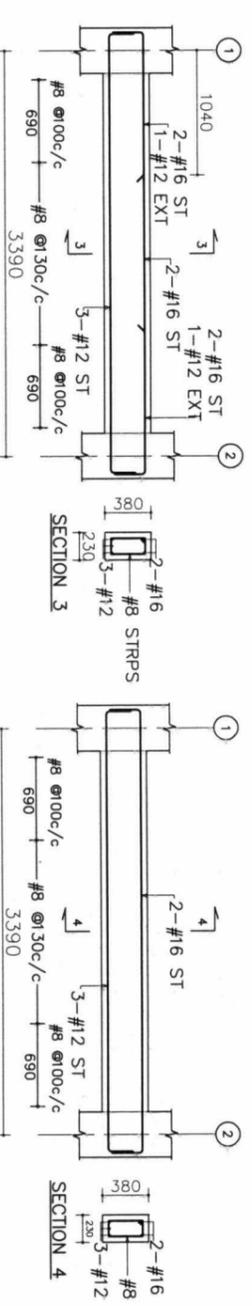
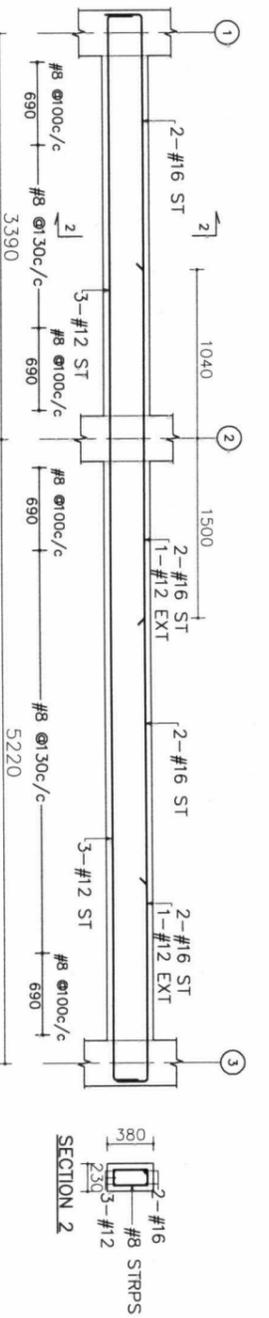
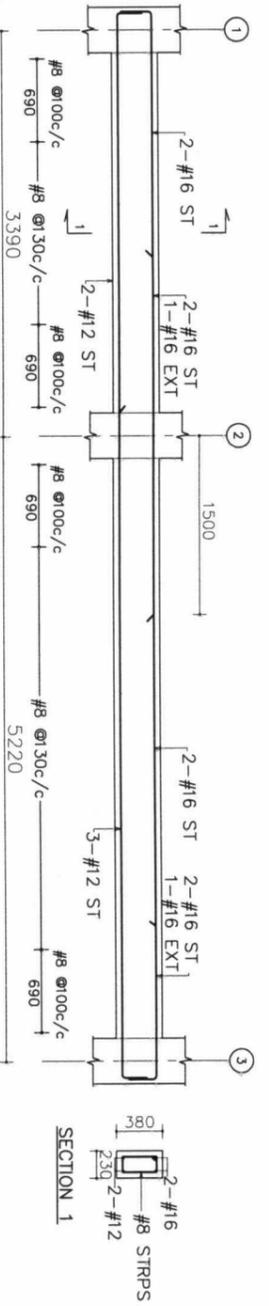
TYPICAL EXTERNAL PLINTH BEAM (EPB) DETAILS  
 (X) VARIABLE AS PER SITE CONDITIONS  
 TO A MAXIMUM OF 600 mm



TYPICAL INTERNAL PLINTH BEAM DETAILS

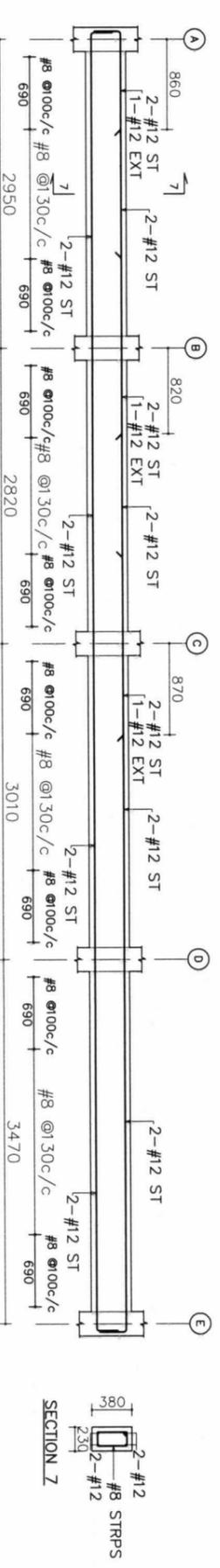
Seismic Zone III , Grade of Concrete : M25, Steel Grade : Fe500

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Drg. Title :	PLINTH BEAM LAYOUT
Drg.No :	PR / Grama Sachivalayam / Z III / M25 / SD / 04
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	

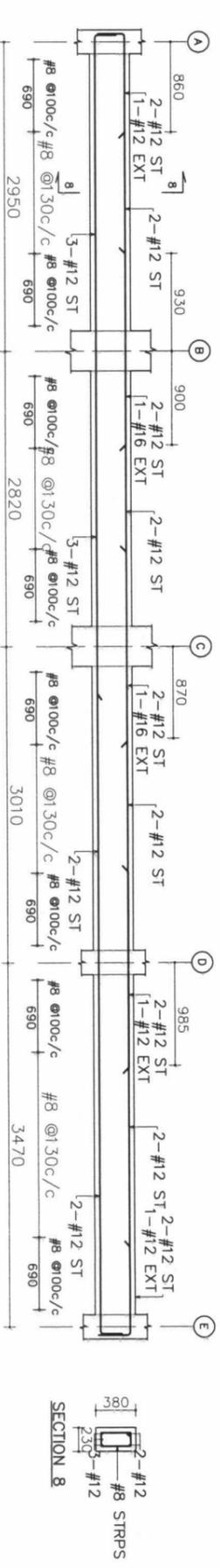


PB106 (230x380)

//TRUE COPY//



PB108 (230x380)



Seismic Zone III, Grade of Concretet : M25, Steel Grade : Fe 500

NAME OF WORK :

CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING

Drq. Title : PLINTH BEAM DETAILS

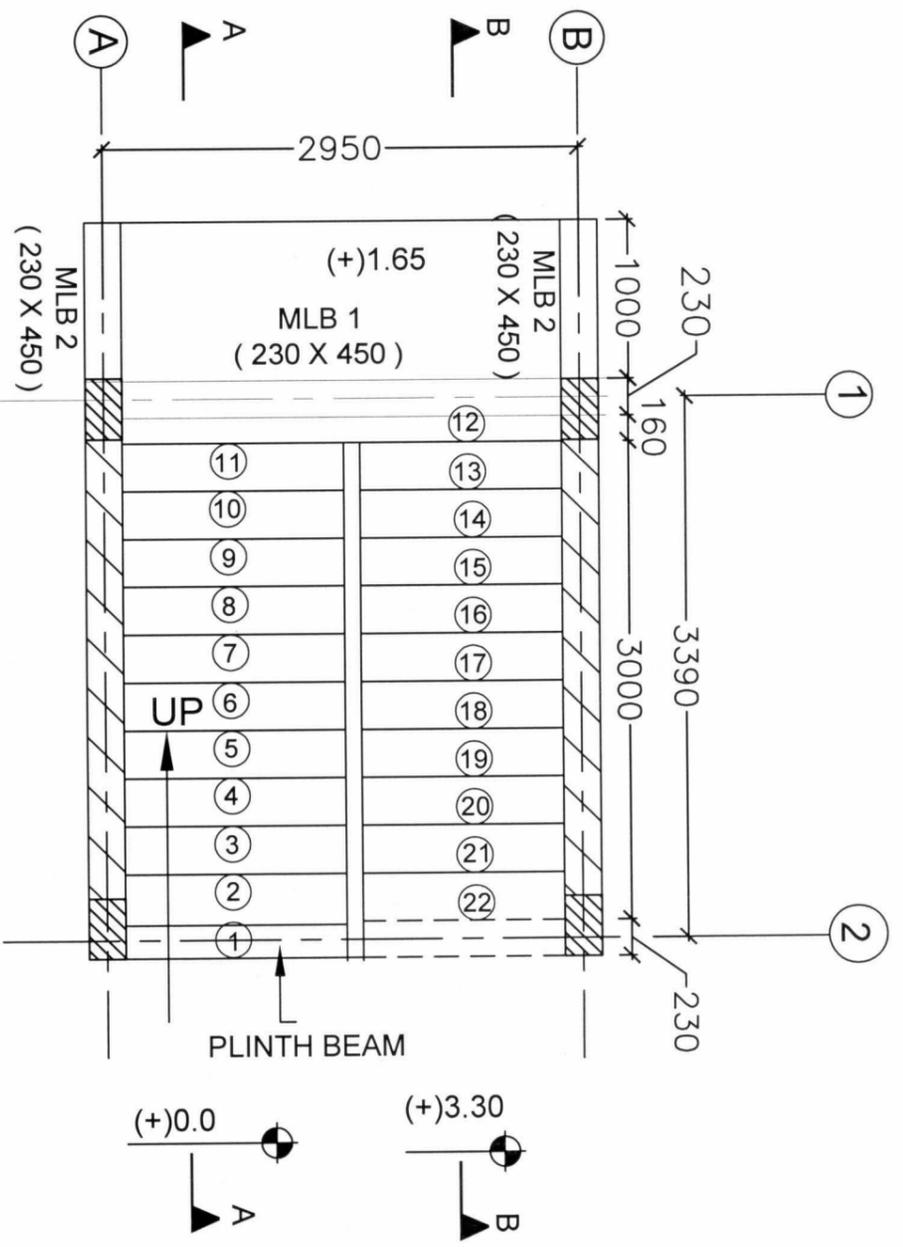
Drq.No : PR / Grama Sachivalayam / ZIII / M25 / SD/5

PANCHAYATI RAJ ENGINEERING DEPARTMENT  
VIJAYAWADA.

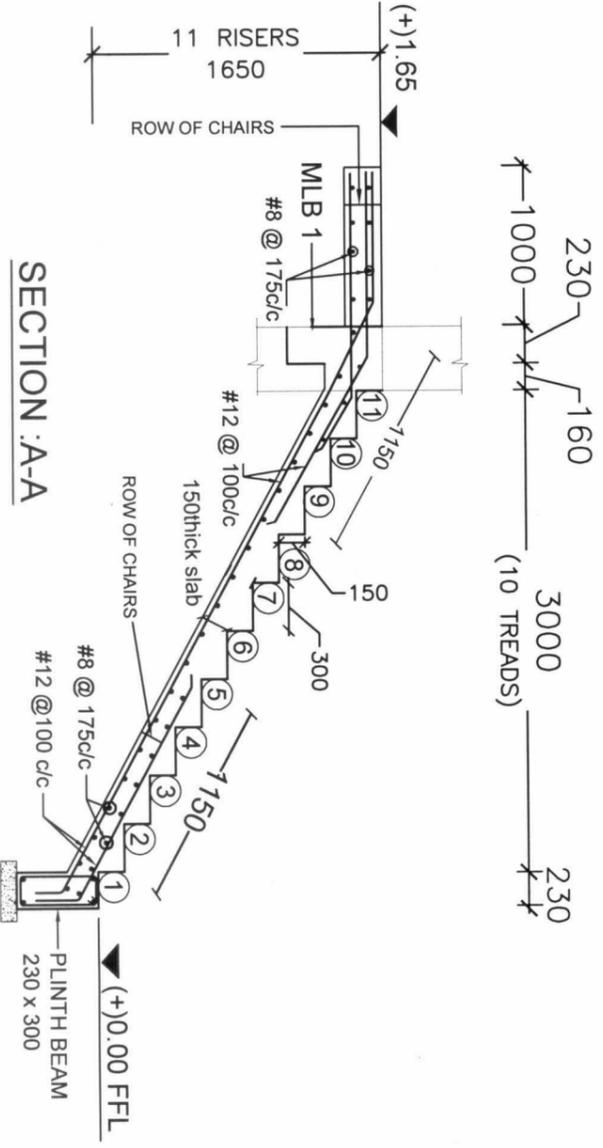
//APPROVED//  
Sd/- 31/10/19  
Chief Engineer, PR-II  
Vijayawada.

Dy. Executive Engineer, PR (Designs)

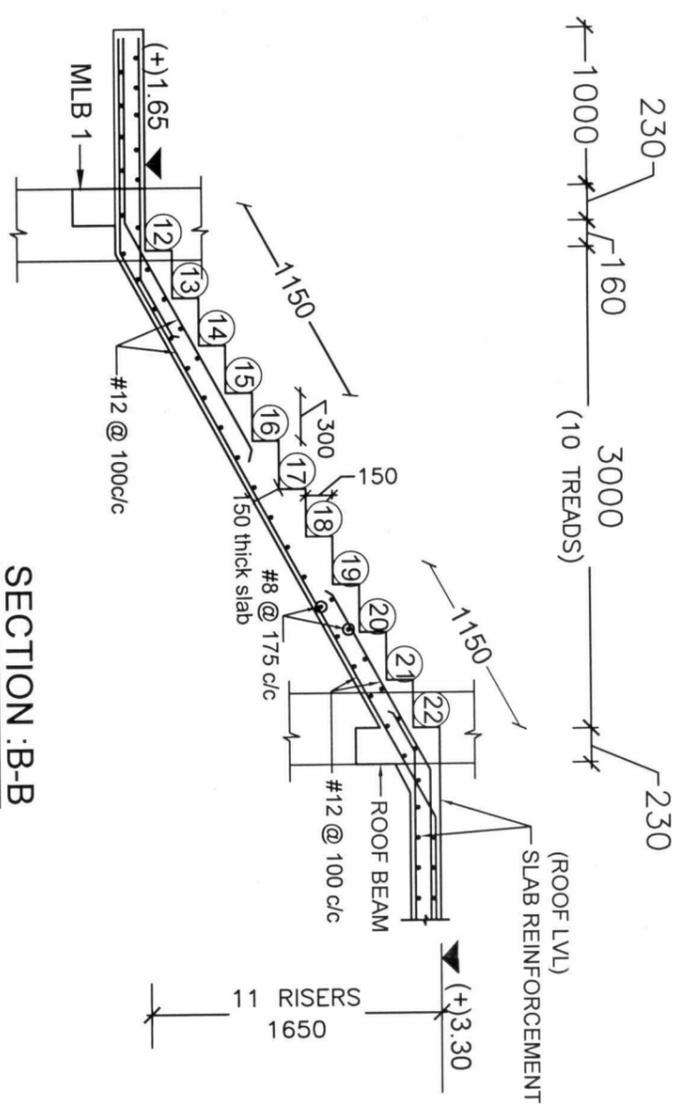
21/11/19



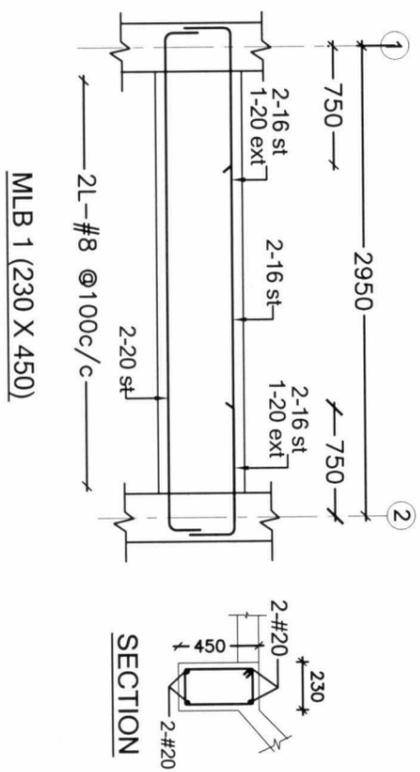
PLAN



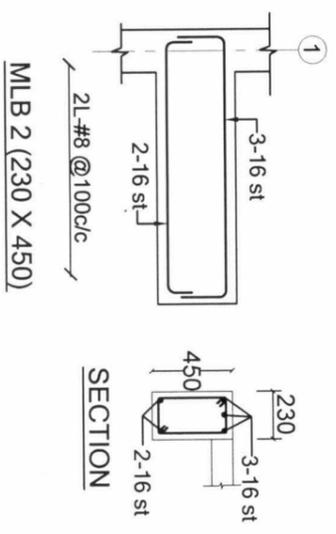
SECTION -A-A



SECTION -B-B



MLB 1 (230 X 450)



MLB 2 (230 X 450)

WAIST SLAB THICKNESS - 150  
RISE - 150  
TREAD - 300  
MAIN STEEL - # 12 @ 100 c/c  
DIST. STEEL - # 8 @ 175 c/c

//APPROVED//  
Sd/- 31 / 10 / 19  
Chief Engineer, PR II  
Vijayawada.

// TRUE COPY //

Dy. Executive Engineer, PR (Designs)

Seismic Zone III, Grade of Concrete : M25, Steel Grade : Fe500

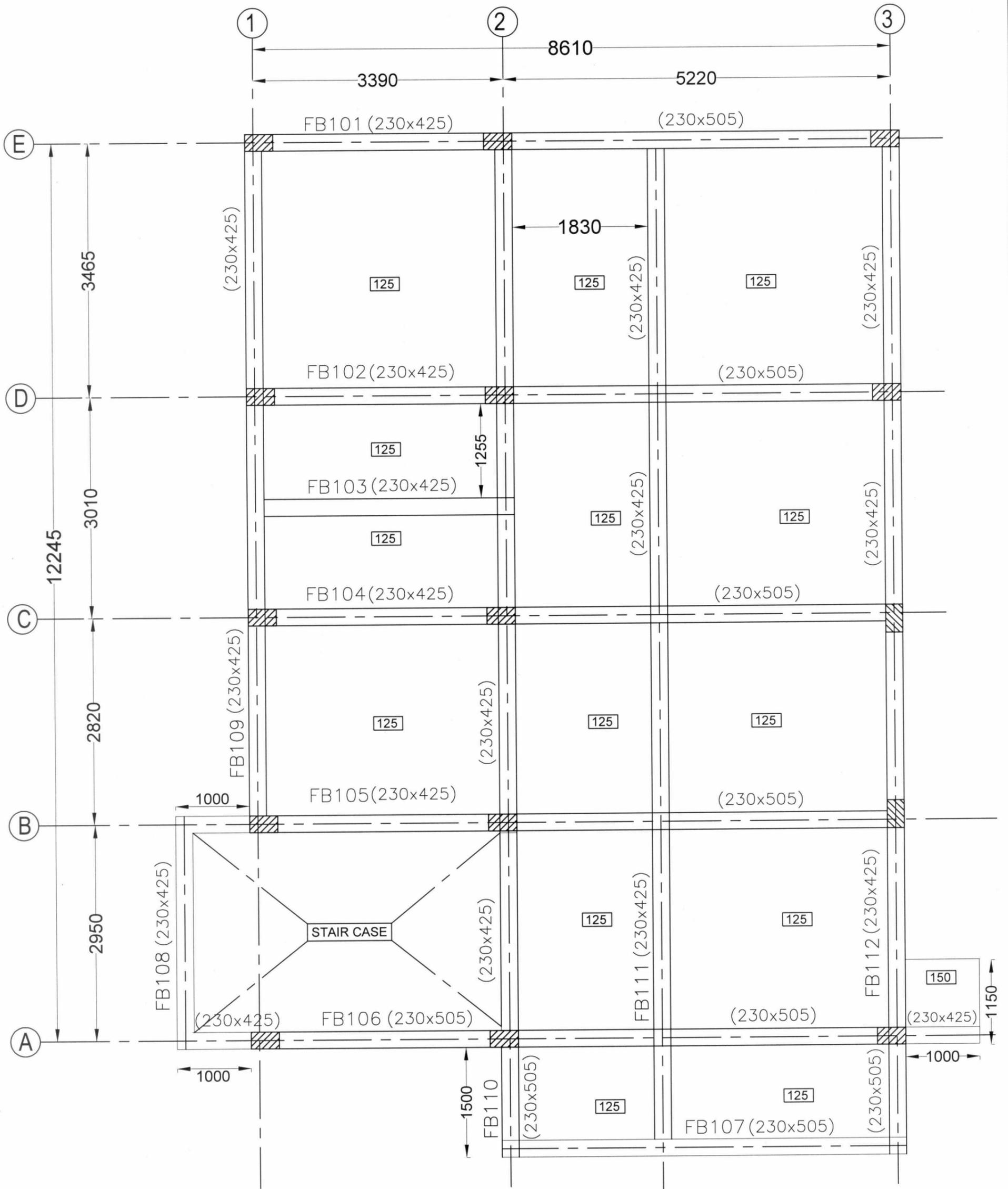
NAME OF WORK :

CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING

Dwg. Title : STAIR CASE DETAILS

Dwg.No : PR / Grama Sachivalayam / Z III / M25 / SD / 06

PANCHAYATI RAJ ENGINEERING DEPARTMENT  
VIJAYAWADA



GROUND FLOOR ROOF BEAM LAYOUT

**NOTE:** All Slabs are 125 mm thickness unless otherwise mentioned

Grade of concrete - M25  
Grade of Steel - Fe500

//APPROVED//  
Sd/- 31 / 10 / 19

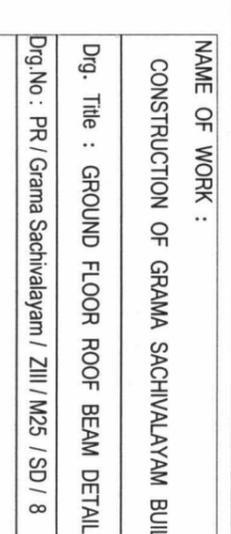
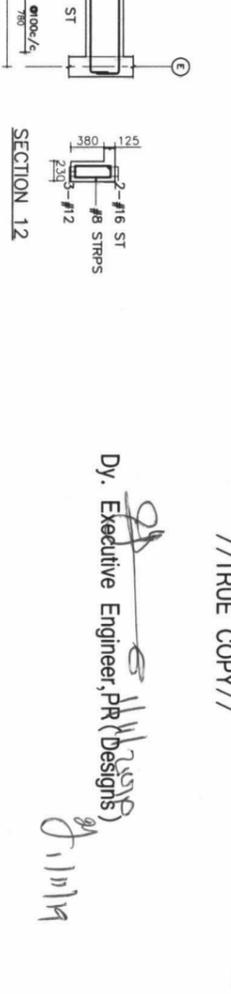
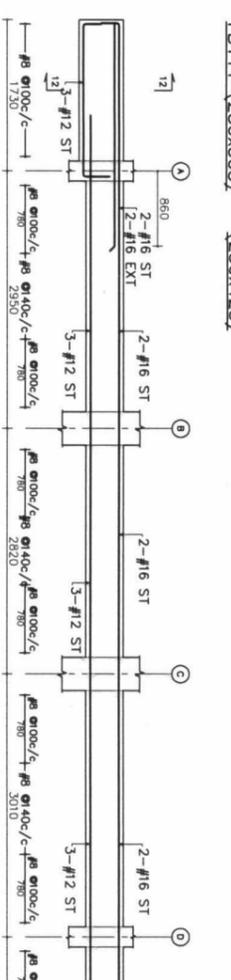
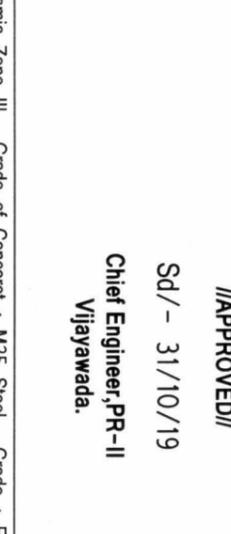
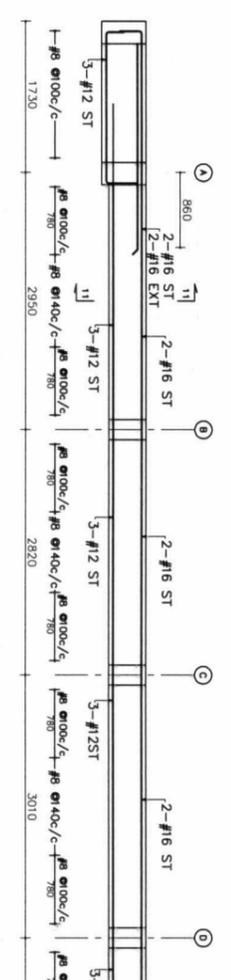
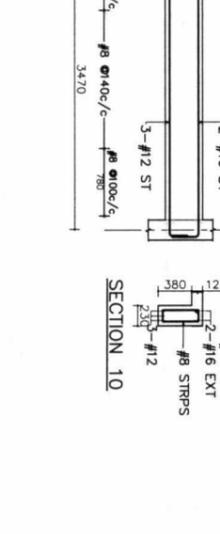
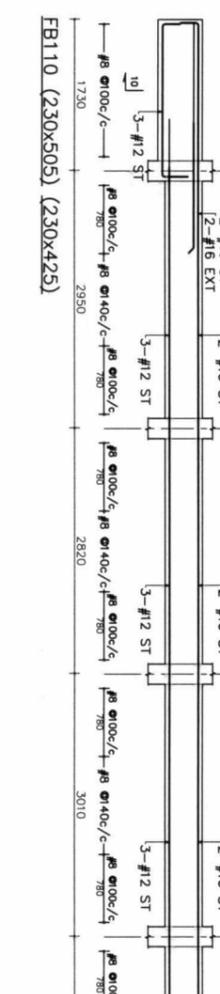
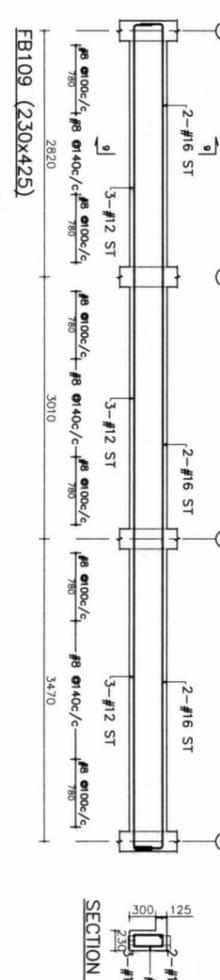
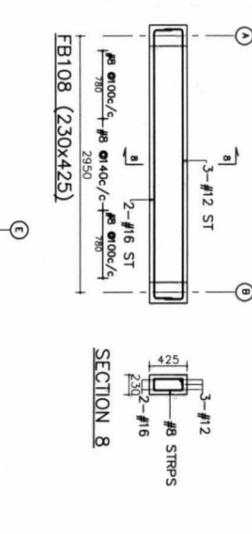
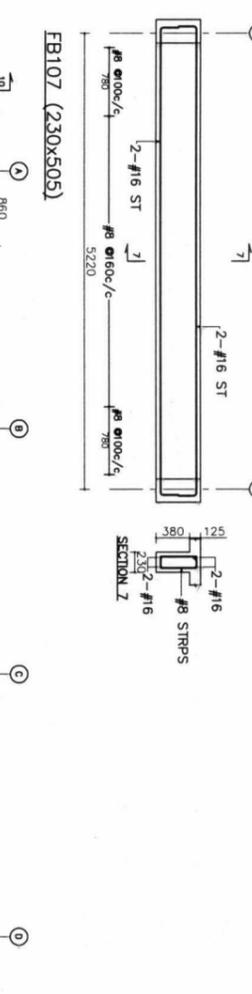
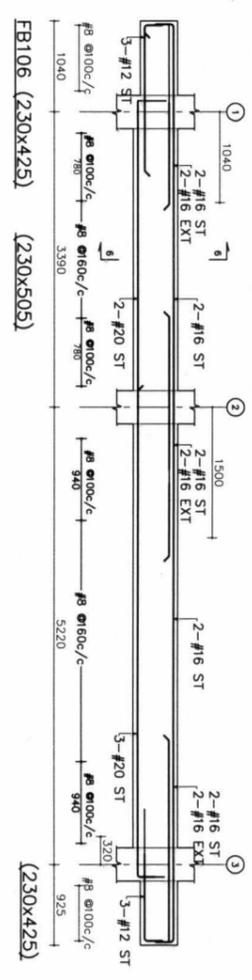
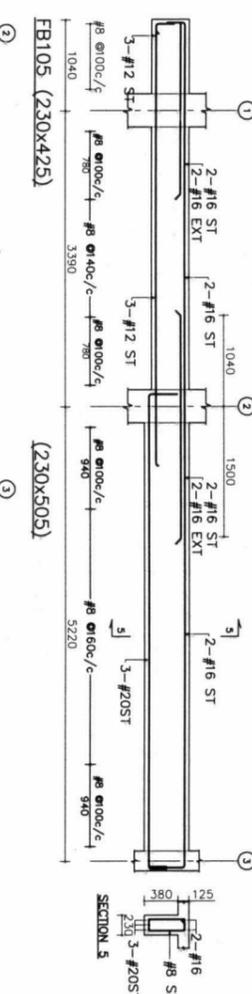
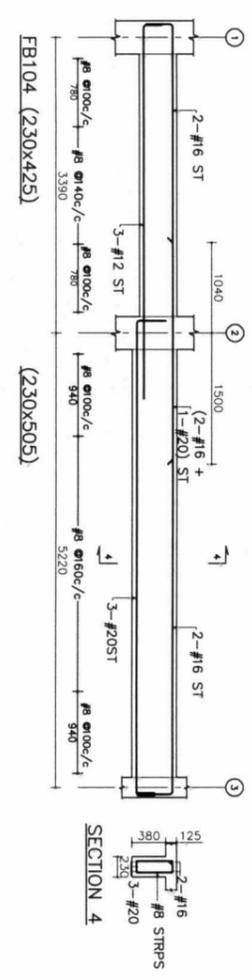
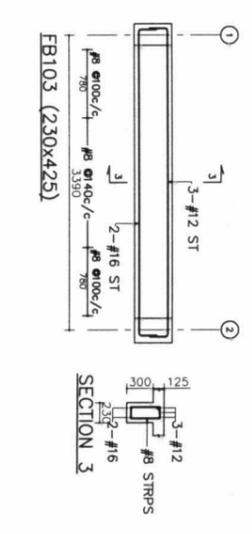
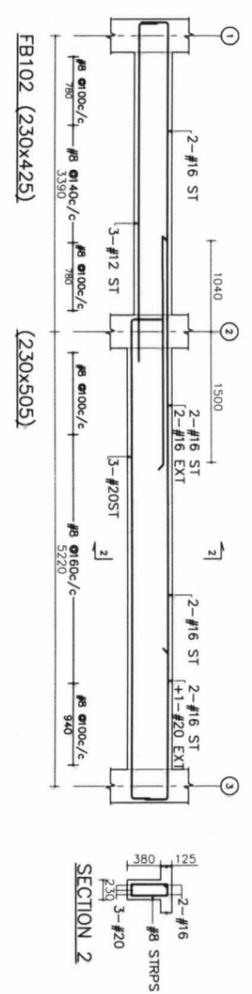
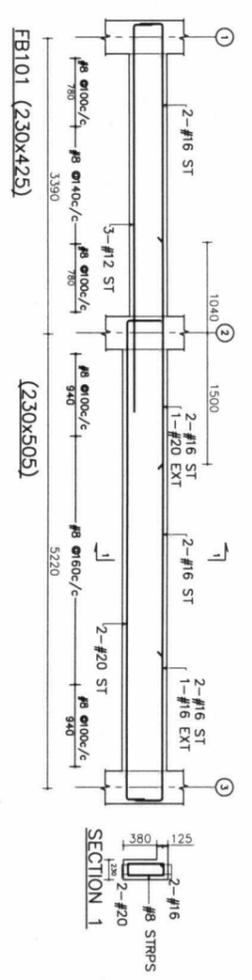
Chief Engineer, PR II  
Vijayawada.

Seismic Zone III , Grade of Concrete : M25, Steel Grade : Fe500

// TRUE COPY //

946  
Dy. Executive Engineer, PR (Designs)  
27/11/19

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Drg. Title :	GROUND FLOOR ROOF BEAM LAYOUT
Drg.No :	PR / Grama Sachivalayam / Z III / M25 / SD / 07
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	



//TRUE COPY//

Dy. Executive Engineer, PR (Designs)

11/11/19

//APPROVED//

Sd/- 31/10/19

Chief Engineer, PR-II  
Vijayawada.

Seismic Zone III, Grade of Concrete: M25 Steel, Grade: Fe 500

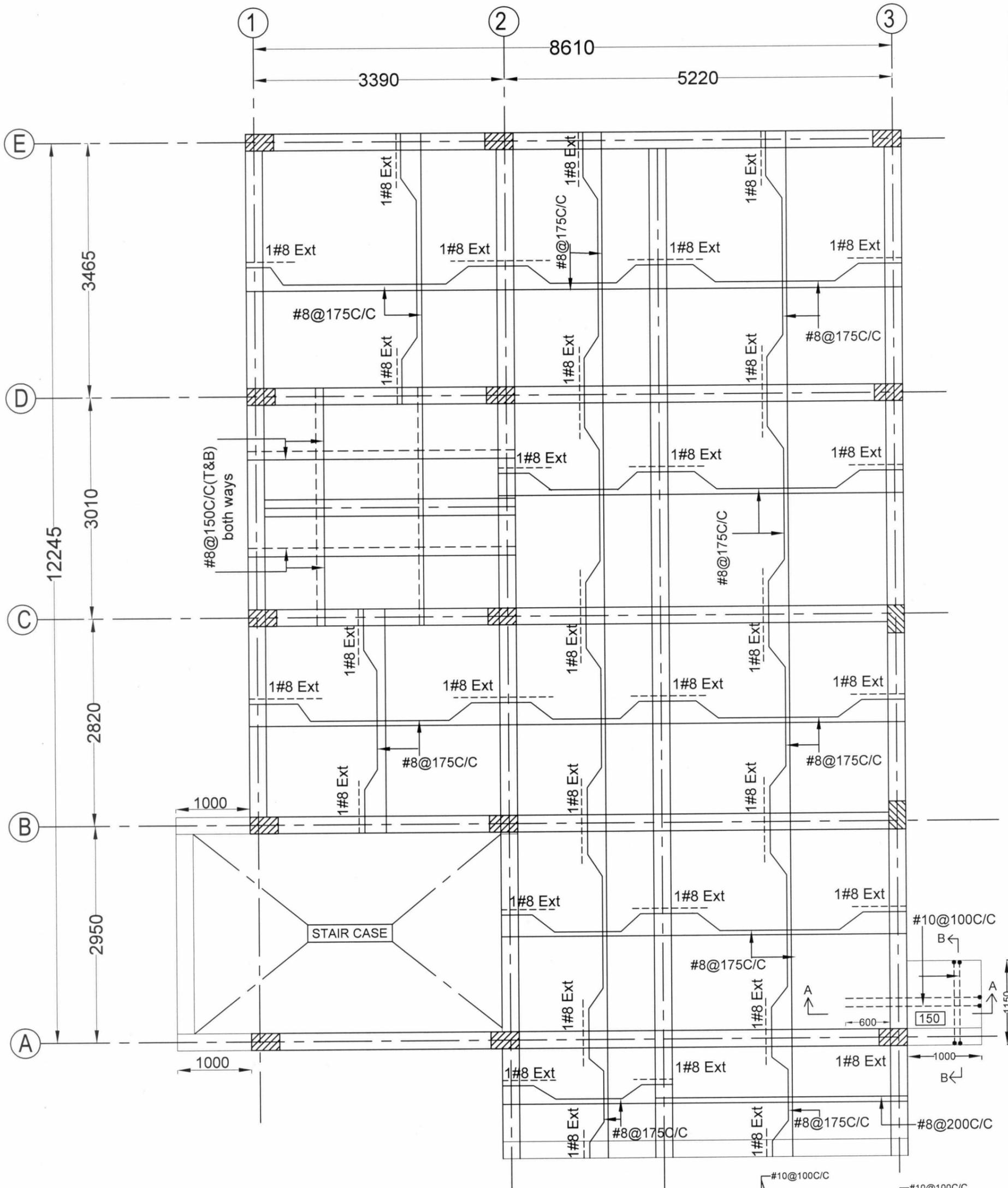
NAME OF WORK:

CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING

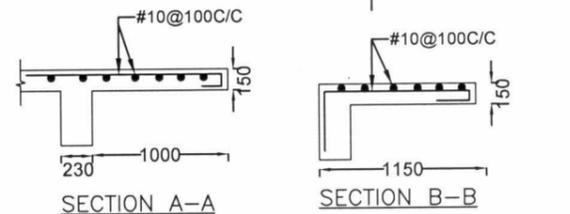
Dwg. Title: GROUND FLOOR ROOF BEAM DETAILS

Dwg No: PR / Grama Sachivalayam / ZIII / M25 / SD / 8

PANCHAYATI RAJ ENGINEERING DEPARTMENT  
VIJAYAWADA.



GROUND FLOOR ROOF SLAB DETAILS



NOTE: All Slabs are 125 mm thickness unless otherwise mentioned

Grade of concrete - M25  
Grade of Steel - Fe500

**//APPROVED//**  
Sd/- 31 / 10 / 19  
Chief Engineer, PR II  
Vijayawada.

Seismic Zone III, Grade of Concrete : M25, Steel Grade : Fe500

// TRUE COPY //

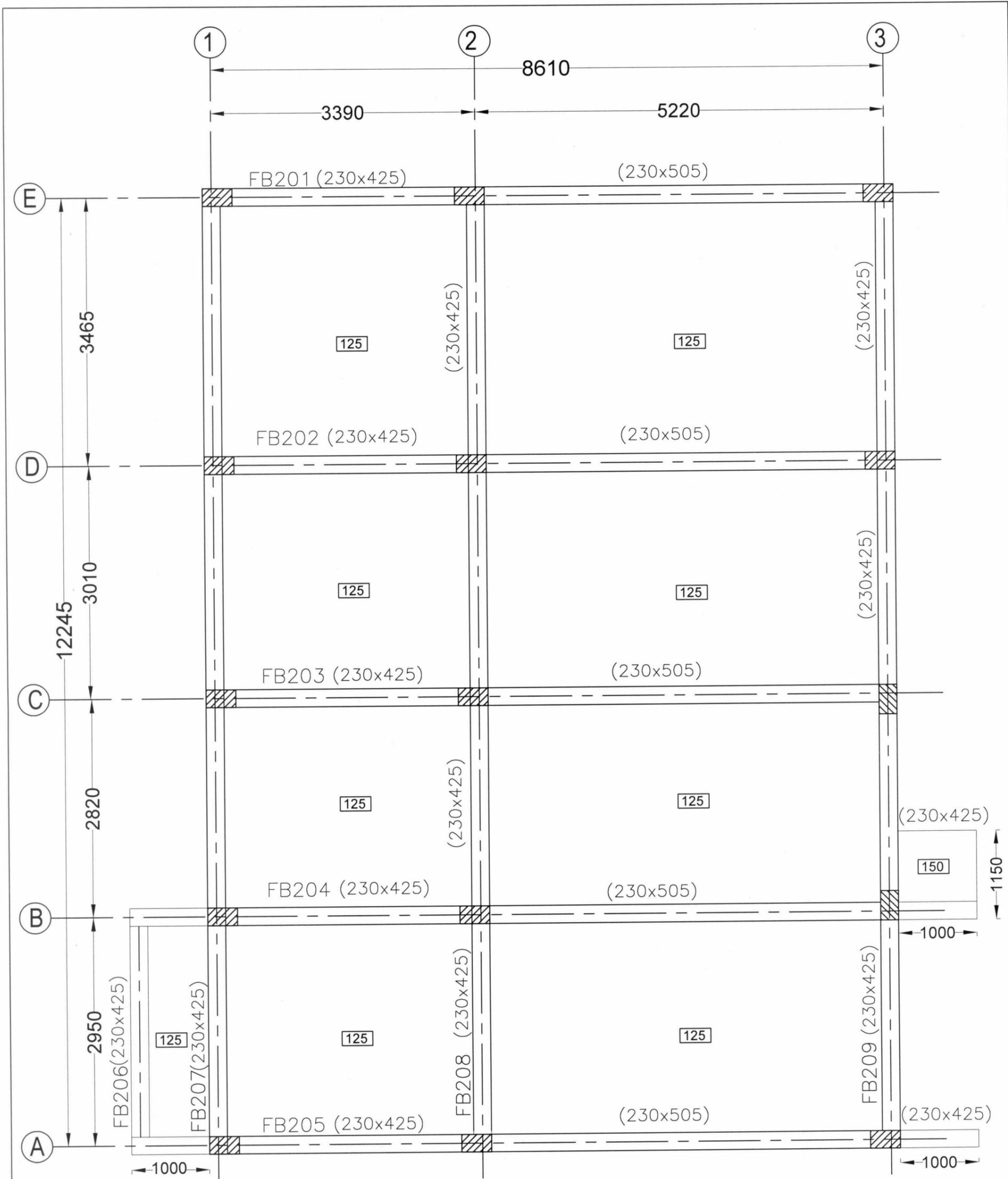
Dy. Executive Engineer, PR (Designs)

NAME OF WORK :  
CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING

Drg. Title :  
GROUND FLOOR ROOF SLAB  
DETAILS

Drg.No : PR / Grama Sachivalayam / Z III / M25 / SD / 09

PANCHAYATI RAJ ENGINEERING DEPARTMENT  
VIJAYAWADA.



FIRST FLOOR ROOF BEAM LAYOUT

//APPROVED//

Sd/- 31 / 10 / 19

Chief Engineer, PR II  
Vijayawada.

// TRUE COPY //

*[Signature]*  
Dy. Executive Engineer, PR (Designs)  
11/11/19

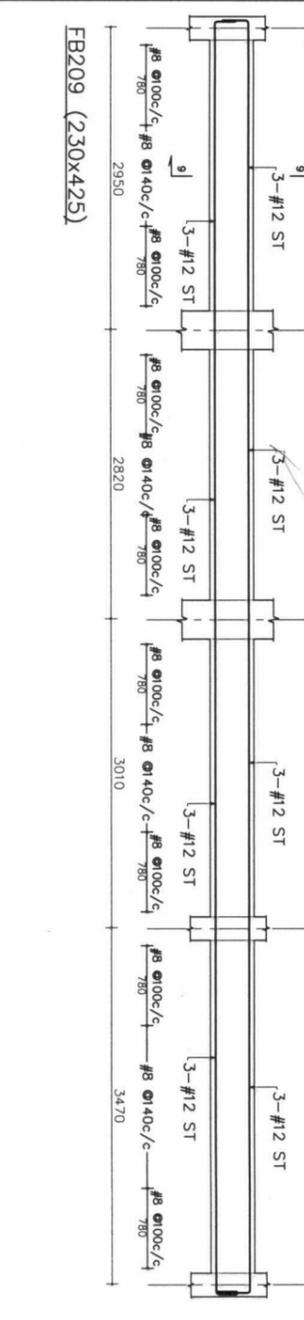
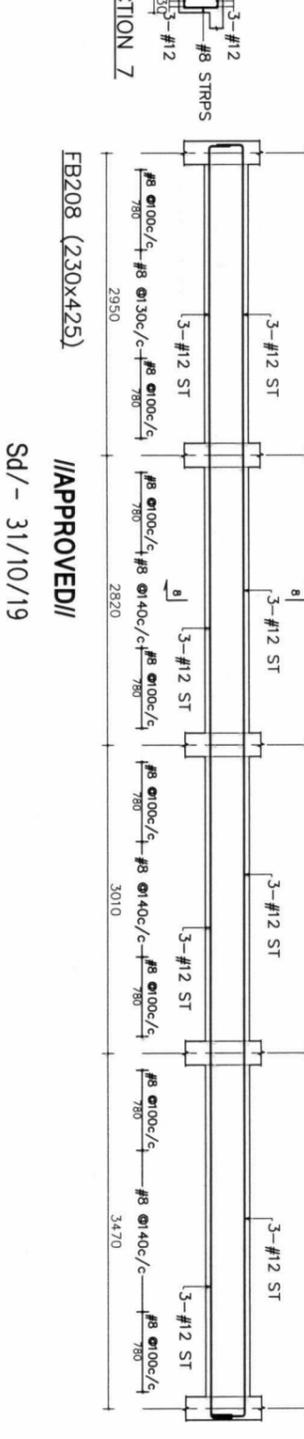
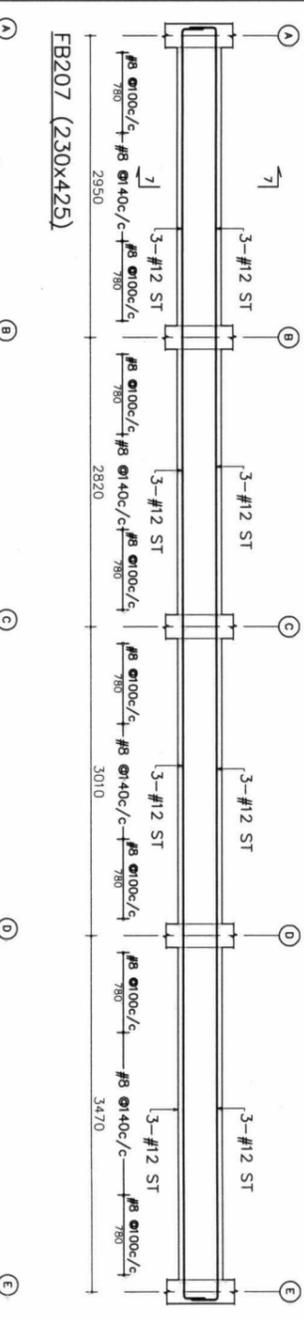
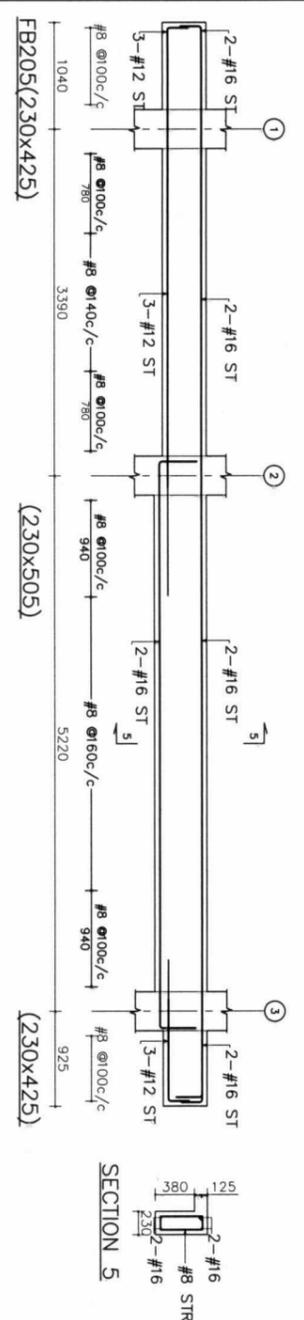
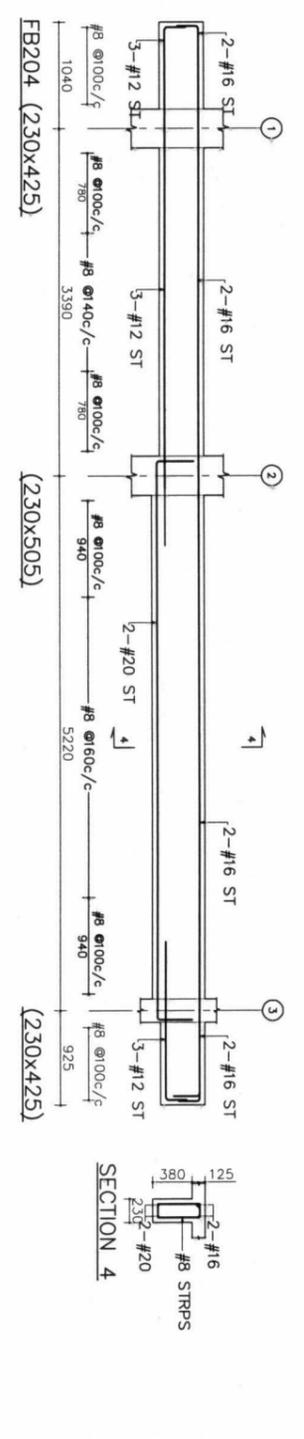
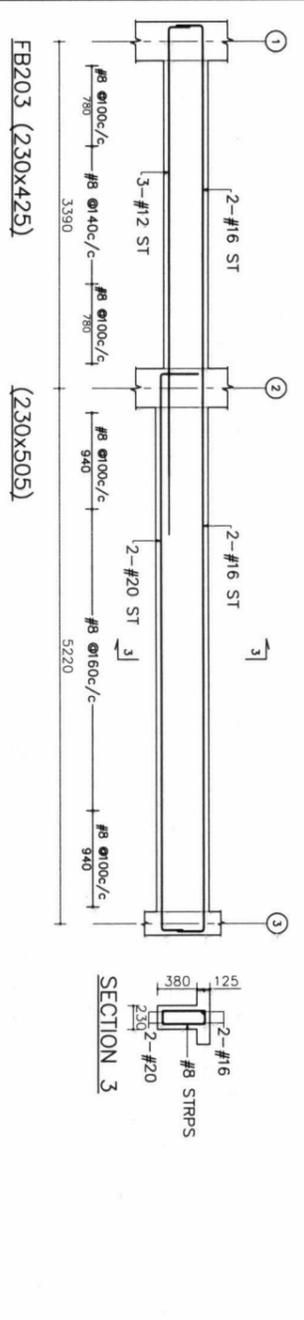
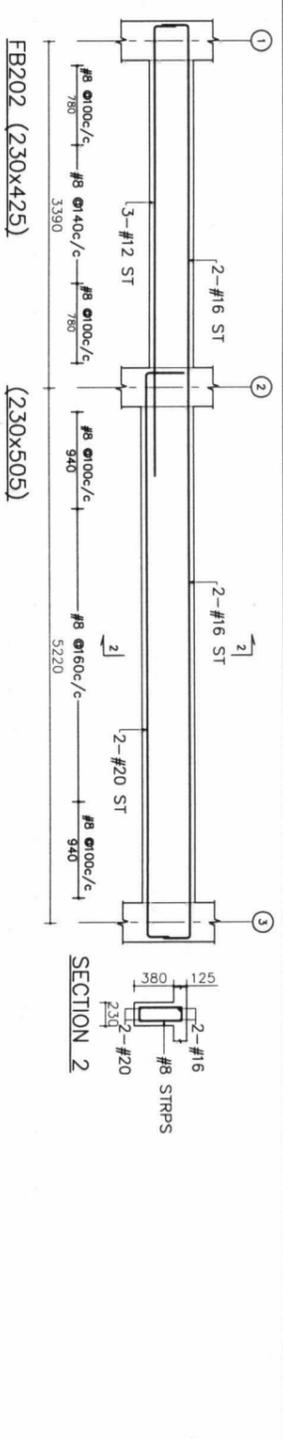
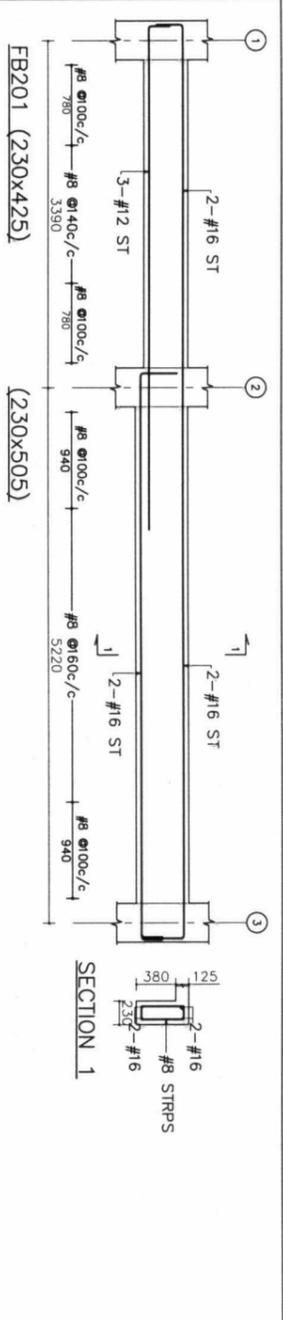
Seismic Zone III , Grade of Concrete : M25, Steel Grade : Fe500

NAME OF WORK :  
CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING

Drg. Title : FIRST FLOOR ROOF BEAM LAYOUT

Drg.No : PR / Grama Sachivalayam / Z III / M25 / SD / 10

PANCHAYATI RAJ ENGINEERING DEPARTMENT  
VIJAYAWADA.



Sd/- 31/10/19  
**Chief Engineer, PR-II**  
**Vijayawada.**

//TRUE COPY//

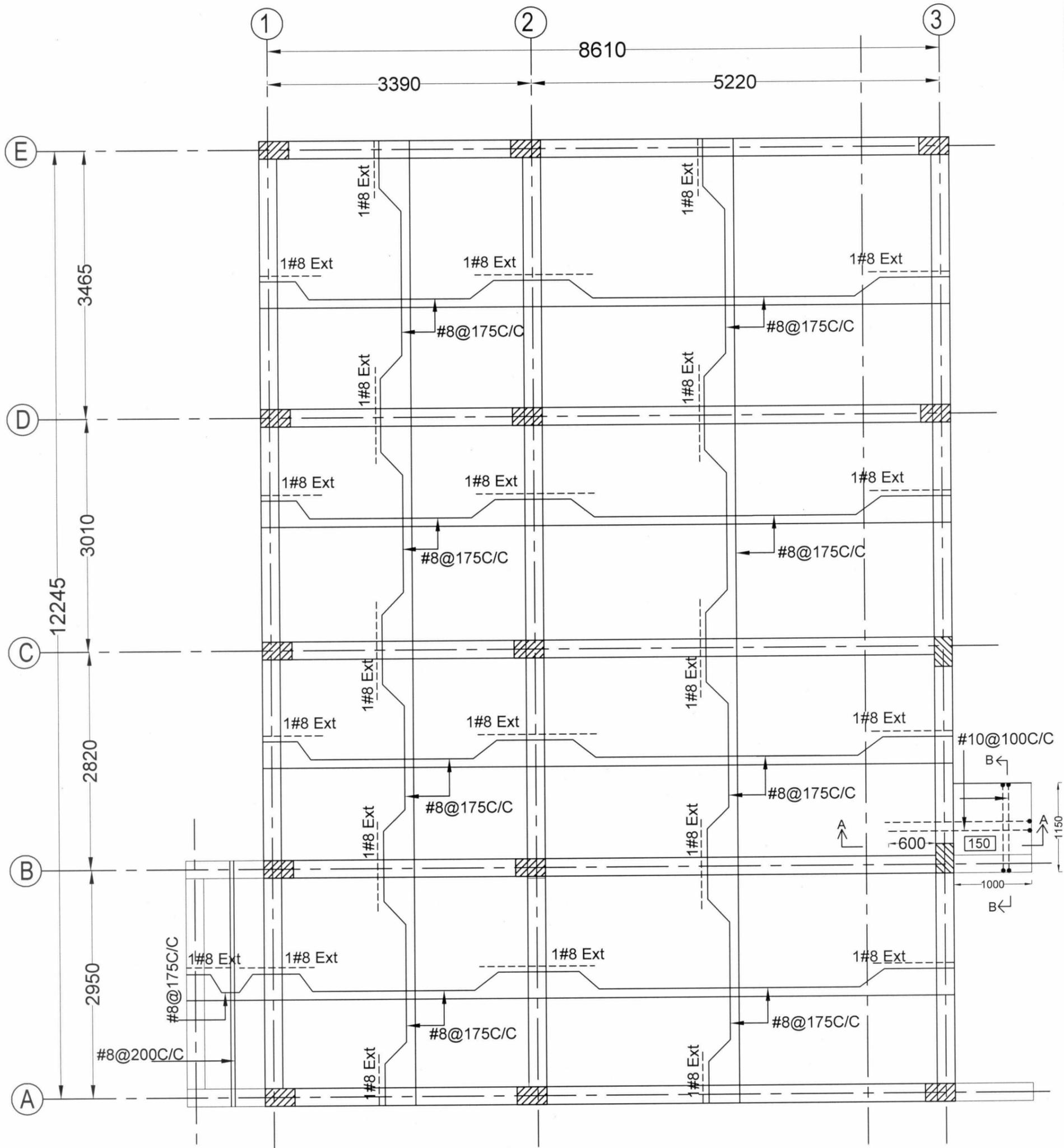
//APPROVED//

Seismic Zone III, Grade of Concrete : M25, Steel Grade : Fe 500

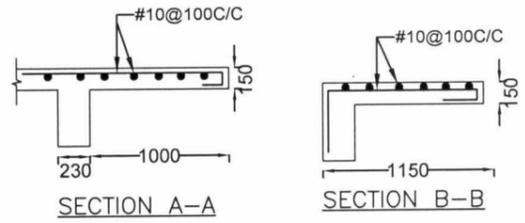
Dy. Executive Engineer, PPR (Designs)

11/19

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Dwg. Title :	FIRST FLOOR ROOF BEAM DETAILS
Dwg.No :	PR / Grama Sachivalayam / ZIII / M25 / SD / 11
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	



FIRST FLOOR ROOF SLAB DETAILS



NOTE: All Slabs are 125 mm thickness unless otherwise mentioned

Grade of concrete - M25  
Grade of Steel - Fe500

//APPROVED//  
Sd/- 31 / 10 / 19  
Chief Engineer, PR II  
Vijayawada.

Seismic Zone III , Grade of Concrete : M25, Steel Grade : Fe500

// TRUE COPY //

Dy. Executive Engineer, PR (Designs)  
17/11/2019  
24/11/19

NAME OF WORK :	CONSTRUCTION OF GRAMA SACHIVALAYAM BUILDING
Drg. Title :	FIRST FLOOR ROOF SLAB DETAILS
Drg.No :	PR / Grama Sachivalayam / Z III / M25 / SD / 12
PANCHAYATI RAJ ENGINEERING DEPARTMENT VIJAYAWADA.	