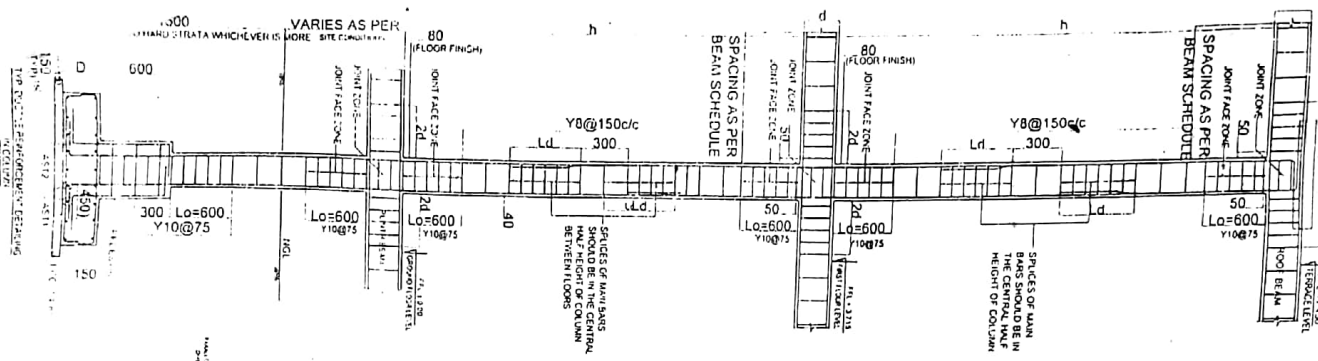
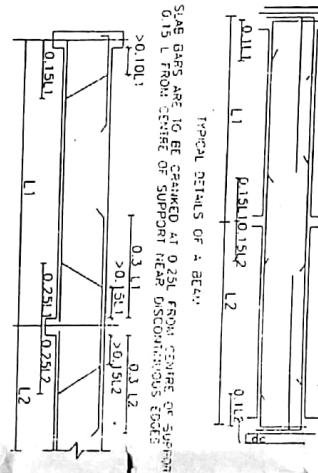


FIG. 1.100 OF A/C
10/01/2010

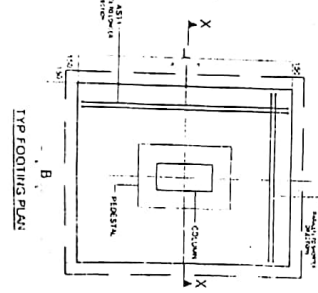


NOTES:

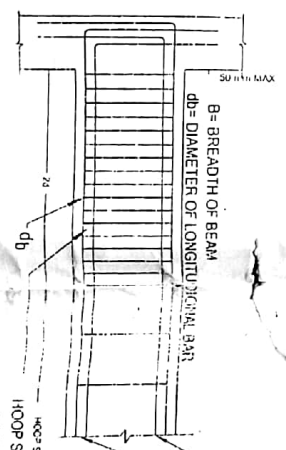
1. DO NOT SCALE THE DRAWING. FOLLOW FIGURED DIMENSIONS ONLY.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
3. THE STRUCTURE IS DESIGNED FOR (GROUND+1) FLOOR ONLY.
4. IF ANY DIMENSIONS SHALL BE MATCHED WITH ARCHITECTURAL DRAWING.
5. FLOOR TO FLOOR HEIGHT: 3.715M
6. SEC. OF SLAB: CONSIDERED AS 100, 150, 200 & 250 CH/SM & 115M BELOW O.D. THE SAME SHALL BE CONFIRMED DURING EXECUTION IN EACH & EVERY COLUMN FIT SCHED. OR SOIL TEST REPORT.
7. GRADE OF STEEL SHALL BE Fe-415 CONFORMING TO IS 1786-85 & MINIMUM 10% DUCTILITY TEST REPORT.
8. CONCRETE LAD IN THE FORM WORK SHALL INvariably VIBRATED TO SETTLE, MAX. DENSITY AND COMPACTION DURING EXECUTION.
9. USE M-20 GRADE OF CONCRETE FOR ALL RCC MEMBERS.
10. LAPS SHALL BE STAGGERED AND LAP LENGTHS ARE 50d FOR TENSION & COMPRESSION.
11. NOT MORE THAN 50% OF COLUMN REIN. SHALL BE LAPPED AT A PARTICULAR LOCATION.
12. CLEAR COVER FOR FOOTINGS: 50, COLUMNS: 40, BEAMS: 25 & SLABS: 20.
13. ANY LOOSE (or) PROTRUDING BOLDERS SHALL BE REMOVED BEFORE LAYING FOUNDATION CONCRETE.
14. WHEREVER NECESSARY DRILLING SHALL BE RESORTED TO IN HARD SHEET ROCK ONLY.
15. THE DIFFERENCE IN LEVEL OF TWO ADJACENT FOOTINGS SHOULD NOT BE GREATER THAN HALF THE CLEAR STAIRWAYS SHOULD HAVE STANDARD WALK AS PER SP-34 & S-13425.
16. EXTRA BARS AT TOP FOR BEAM SHALL BE EXTENDED UP TO 0.25L FROM FACE OF SUPPORT.
17. EDGE MEASURED FROM CENTRE OF SUPPORT WHERE 'L' IS C/C OF SUPPORT.
18. SUPPORTS AND CURTAILMENT OF BOTTOM BARS AT 0.1 L FROM DISCONTINUITY, E.C. AND 0.15 L FROM CONTINUOUS.



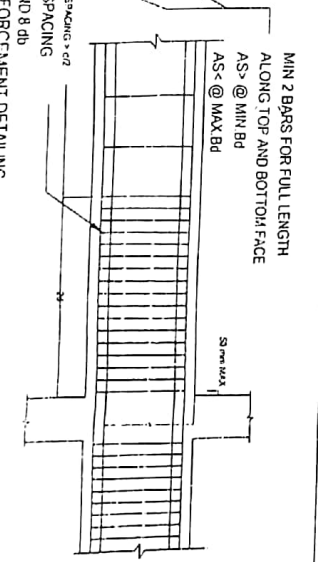
TYPICAL DETAILS OF A SLAB



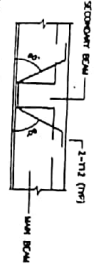
TYP. FOOTING PLAN



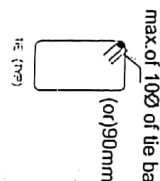
TYP. DUCTILE REINFORCEMENT DETAILING IN BEAM



MIN 2 BARS FOR FULL LENGTH ALONG TOP AND BOTTOM FACE



19. IN SLAB EXTRA BARS OVER CONTINUOUS SUPPORT SHOULD BE TAKEN UP TO 0.1L FROM THE FACE OF CHAIR BARS AT CONTINUOUS SUPPORT SHOULD NOT BE TERMINATED ON BEAM AND SHOULD BE EXTENDED UP TO 0.1L FROM FACE OF SUPPORT INTO THE ADJACENT SPAN.
20. DISTRIBUTION STEEL IN SLAB FOR CRANKED BARS AND TOP EXTRA BARS SHALL BE 8 TOR @ 150 c/c.
21. THE REINFORCEMENT SHALL BE CHECKED BEFORE LAYING CONCRETE.
22. WHEREVER THE SECONDARY BEAM RESTS ON MAIN BEAM THE ARRANGEMENT OF BEIN UP HANGER BARS SHALL PROVIDED AS GIVEN BELOW.



23. IN BEAMS & SLABS, OVERLAPPING SHALL NOT BE PROVIDED OVER SUPPORTS FOR TOP BARS AND AT MID SPAN FOR BOTTOM BARS.
24. WHEREVER REINFORCEMENT IS PROVIDED IN TWO LAYERS, BEAMS SPACER BAR SHALL BE PROVIDED TO MAINTAIN 25mm GAP (or) MINIMUM DIA. OF MAIN BAR, WHICH EVER IS MORE, BETWEEN TWO LAYERS.
25. STRIPPING TIME OF FORMWORK SHALL CONFORM TO CLAUSE 11.3 OF IS 456-2000.
26. CURING SHOULD BE DONE AT LEAST FOR 7 DAYS.
27. FOR GENERAL ARRANGEMENT REFER DRAWING.
28. FOR CORRESPONDING TO FTL AT GROUND FLOOR.
29. READ THIS DRAWING ALONG WITH RELEVANT ARCHITECTURAL, STRUCTURAL AND IS CODES.
30. PROVIDE THE DUCTILE DETAILING FOR COLUMNS & BEAMS AS PER IS:13920-1993 (re-2002).
31. SEISMIC ZONE - II IS CONSIDERED WHILE DESIGNING THE STRUCTURE.

LEGEND

1. O.D. Original Ground Level
2. M.L. Mean Low Spring Tide Level
3. H.L. Highest Flood Level
4. F.L. Flooded Ground Level
5. T.O. Top of Concrete
6. T.O. Top of Slab

APPROVED
 24/01/2010
 35/1/10
 Technical Advisor
 SPOORVAMHD
 5/9/10

CLIENT: Seismic Zone II (1000 km distance away from sea)

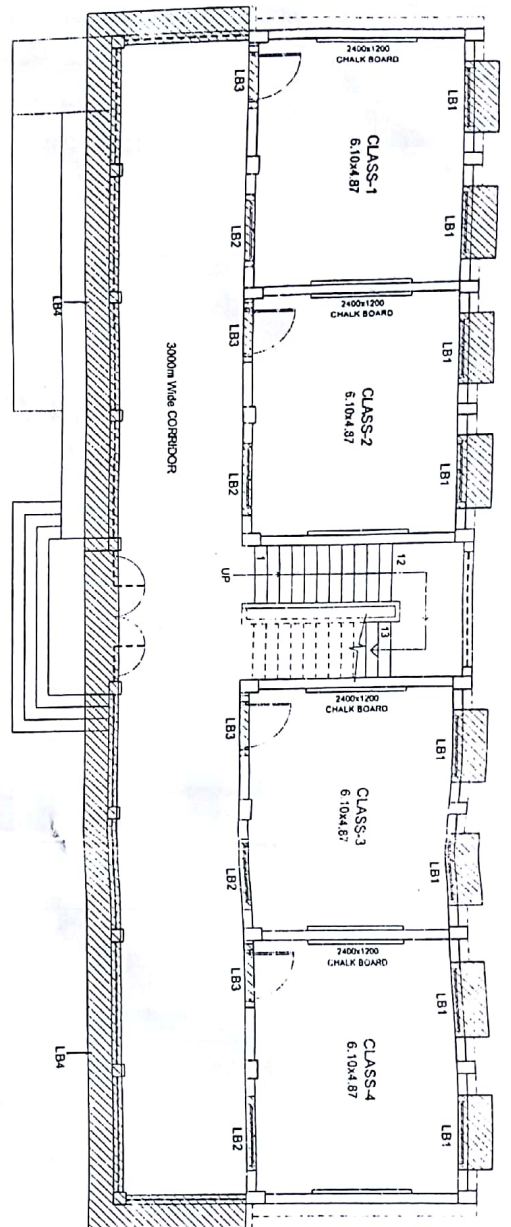
PROJECT: PROPOSED GOVT. PRIMARY SCHOOL TYP. DESIGNS, % SPD, RVM, HYD

TITLE: EARTH QUAKE ZONE - II

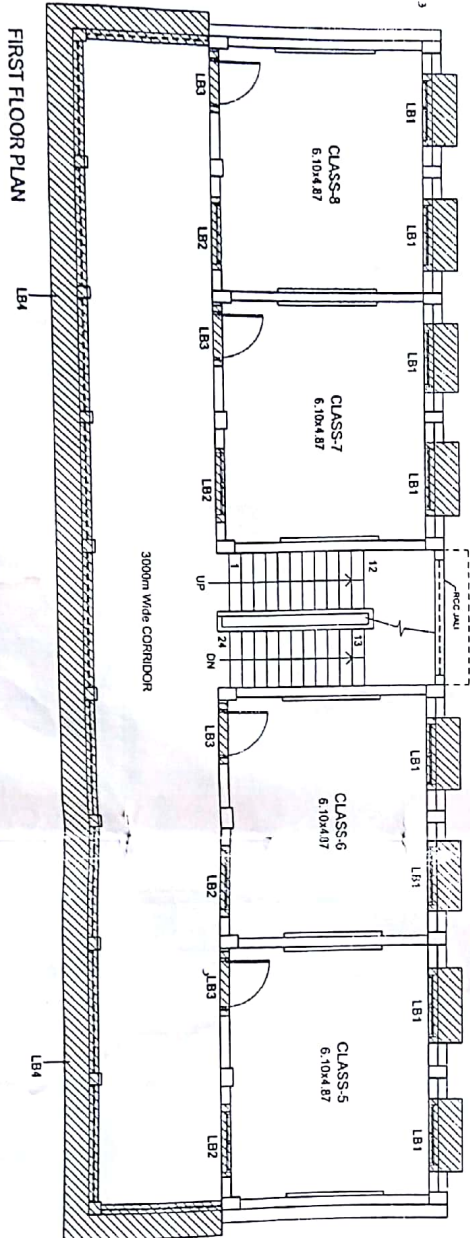
DOCTILE DETAILS

SCALE: 1:50

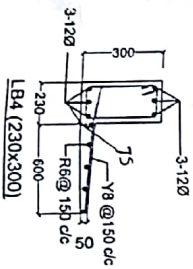
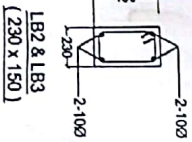
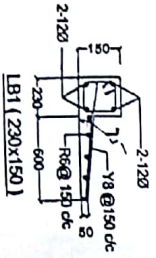
DESIGNED BY: ARCHITECTURAL CONSULTANTS



GROUND FLOOR PLAN



FIRST FLOOR PLAN

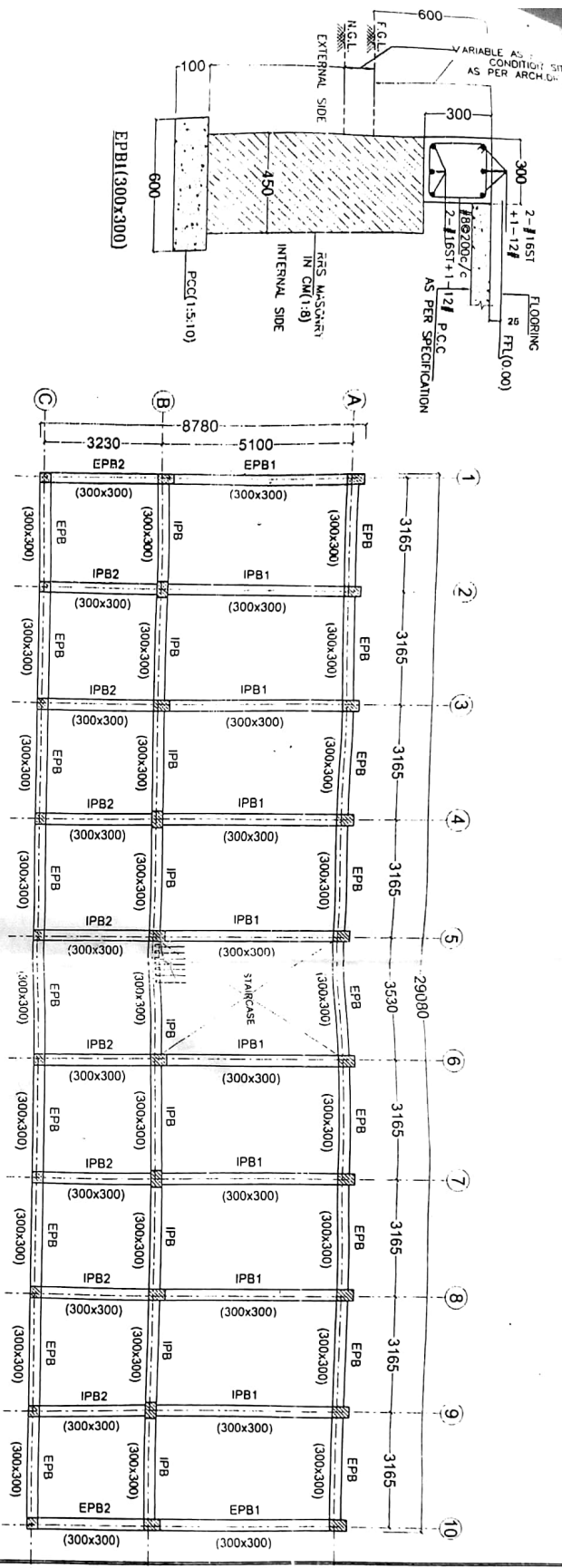


//APPROVED//
q. v. aruldas
 Technical Advisor
 SPO/RVM/HYD

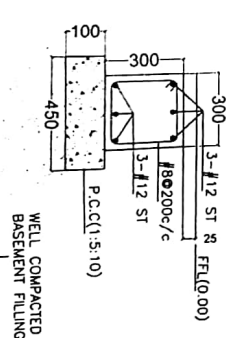
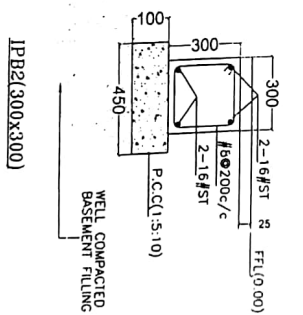
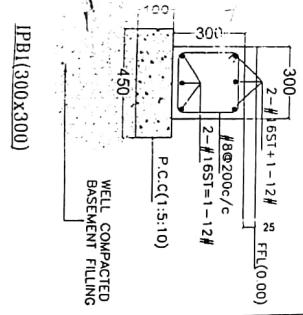
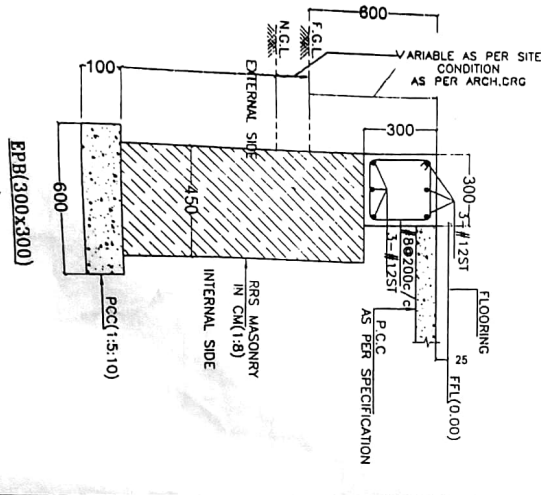
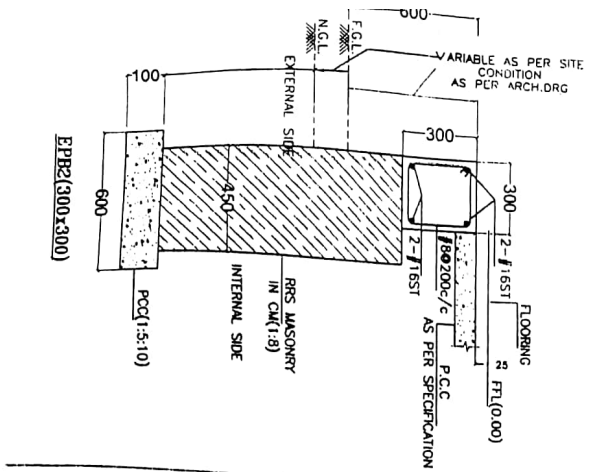


CLIENT:	Selam Zone II (10.00 km distance away from sea)
PROJECT:	RAJIV VIDYA MISSION
PROPOSED GOVT. PRIMARY SCHOOL TYPE DESIGNS: % SPD, RVM, HYD.	
TITLE: EARTH QUAKE -ZONE II (M20 MIX)	
LINTALS LAYOUT	
JOB NO:	SCALE: 1:100
DESIGN BY: AP	DATE: 29/05/2010
ARCHITECTURAL CONSULTANTS:	
SITE 2 HEIGHT	
Architect, Engineer, Interior, 2D Designer	
Master Plan, Section, Elevation, AIA, CA	
Master Plan, Section, Elevation, AIA, CA	
Master Plan, Section, Elevation, AIA, CA	

Seismic Zone-II (Use 10.0 km distance from sea)



PLINTH BEAM LAYOUT



PLINTH BEAM DETAILS

///APPROVED//

Technical Advisor
SPO/RVM/HYD

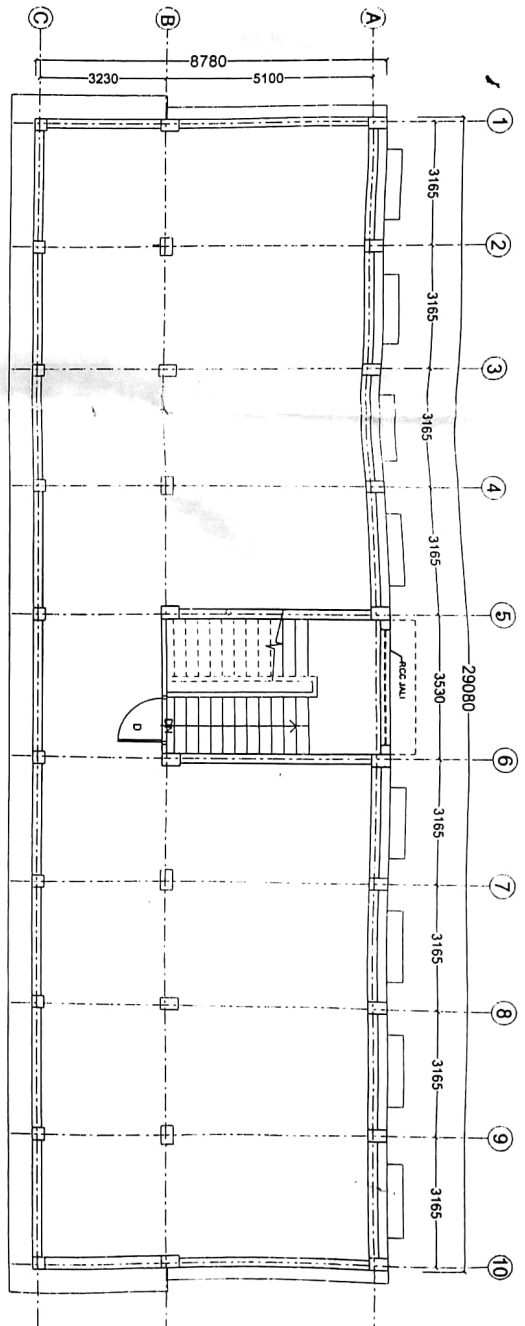
RAJIV VIDYA MISSION

PROPOSED GOVT. PRIMARY SCHOOL TYPE
DESIGNS. % SPD, RVM, HYD.
TITLE: EARTH QUAKE ZONE II (M20 MIX)

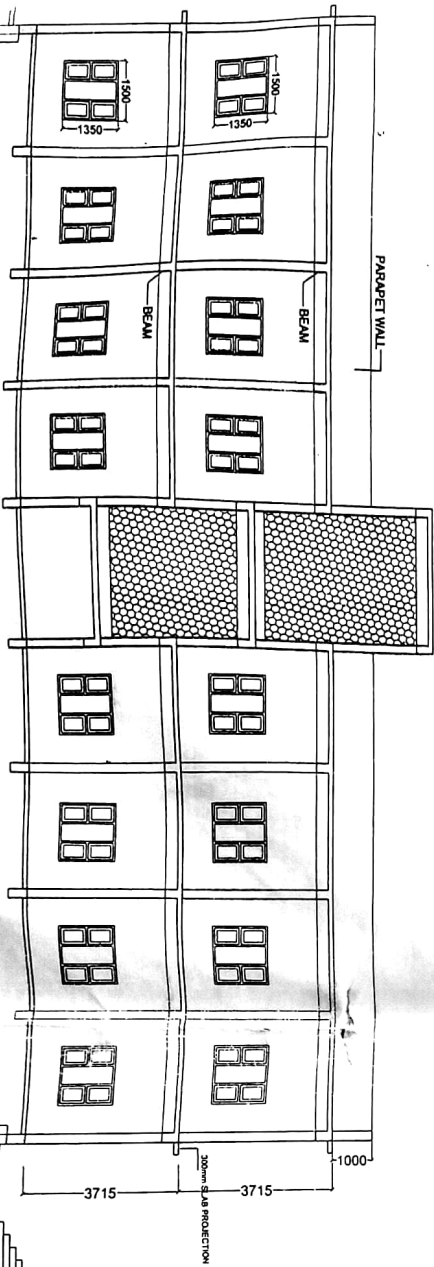
PLINTH BEAMS LAYOUT & DETAILS
SCALE: 1:100
DESIGN BY: A.P.

SITE 2 HEIGHT
Architect: Engineer: 2011/12/15
Date: 2011/12/15
Sheet: 1 of 1

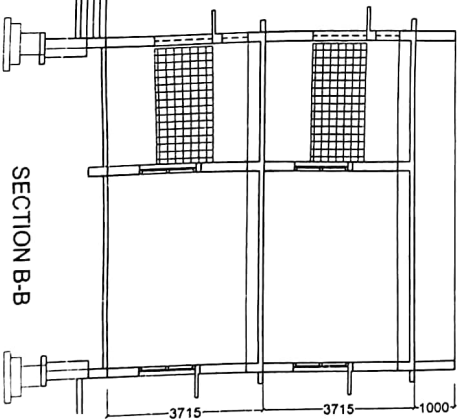
FINISHES SCHEDULE	
CLASS ROOM	
1	300x450x18-20mm Thick Polish Shabhad Stone Flooring or Equivalent.
2	600mm high Green Paint (Running Board Around) over Dubara Spone Plastering.
3	Sponge Dubara Plastering with OBD paint to Walls and Ceiling.
CORRIDOR	
1	300x450x18-20mm Thick Polish Shabhad Stone Flooring or Equivalent.
2	600mm high Green Paint (Running Board Around) over Dubara Spone Plastering.
3	Sponge Dubara Plastering with OBD paint to Walls and Ceiling.
STAIRCASE	
1	25mm thick Polish Shabhad Stone Treads and 18-20mm thick Polish Shabhad Stone for Risers.
2	600mm high Green Paint (Running Board Around) over Dubara Spone Plastering.
3	Sponge Dubara Plastering with OBD paint to Walls and Ceiling.
EXTERNAL	
1	All External Walls, Chajjas, RCM Jables shall receive Sponge Dubara Plastering with Water Proof Paint finish.
2	M/S Angular Frame, Rods and other members shall receive Enamel Paint over Red oxide primer coat.
3	Wooden Doors & Windows frames, Shutler etc., shall receive 2 coats of Enamel Paint over 1 coat of primer 2 coats of luppum finish.



TERRACE FLOOR PLAN



SECTION A-A



SECTION B-B

//APPROVED//
 A. u. a. c. t. / 1.1.13
 Technical Advisor
 SPO/RVM/HYD

SITING ZONE II (10.00 km distance away from sea)	
CLIENT: RAJIV VIDYA MISSION	
PROJECT: PROPOSED GOVT. PRIMARY SCHOOL TYPE DESIGN % SPD, R.V.M. HYD.	
TITLE: EARTHQUAKE ZONE II (M20 MM)	
SECTION/ & FINISHES SCHEDULES	
DATE NO.	SCALE: 1:100
DESIGN BY: A.P.	
ARCHITECTURAL CONSULTANTS:	
SITING ZONE II (10.00 km distance away from sea)	
CLIENT: RAJIV VIDYA MISSION	
PROJECT: PROPOSED GOVT. PRIMARY SCHOOL TYPE DESIGN % SPD, R.V.M. HYD.	
TITLE: EARTHQUAKE ZONE II (M20 MM)	
SECTION/ & FINISHES SCHEDULES	
DATE NO.	SCALE: 1:100
DESIGN BY: A.P.	
ARCHITECTURAL CONSULTANTS:	

[illegible]MARK OUT PLAN

SCHEDULE OF FOOTING

SBC: 150ksi@sm @ 1.5 depth										e8 - 10mm	
S1.	Feeling Group	PI Size	Feeling Size			Reinforcement		Pedestal			
			Length	Width	Depth	AST1	AST2	SIZE	STEEL		
1	F1	1.5x1.5x1.5	F1-A:1.2	F1-B:1.2	0.3	Y10@150	Y10@150	24"x24"x24"	8"Y10		
2	F2	2.0x2.0x1.50	F2-A:1.7	F2-B:1.7	0.4	Y10@150	Y10@150	24"x24"x24"	8"Y10		
3	F3	2.3x2.3x1.50	F2-A:2.05	F2-B:2.05	0.5	Y10@125	Y10@125	24"x24"x24"	8"Y10		
Total											
Pedestal 600x600x630											

SCHEDULE OF COLUMNS

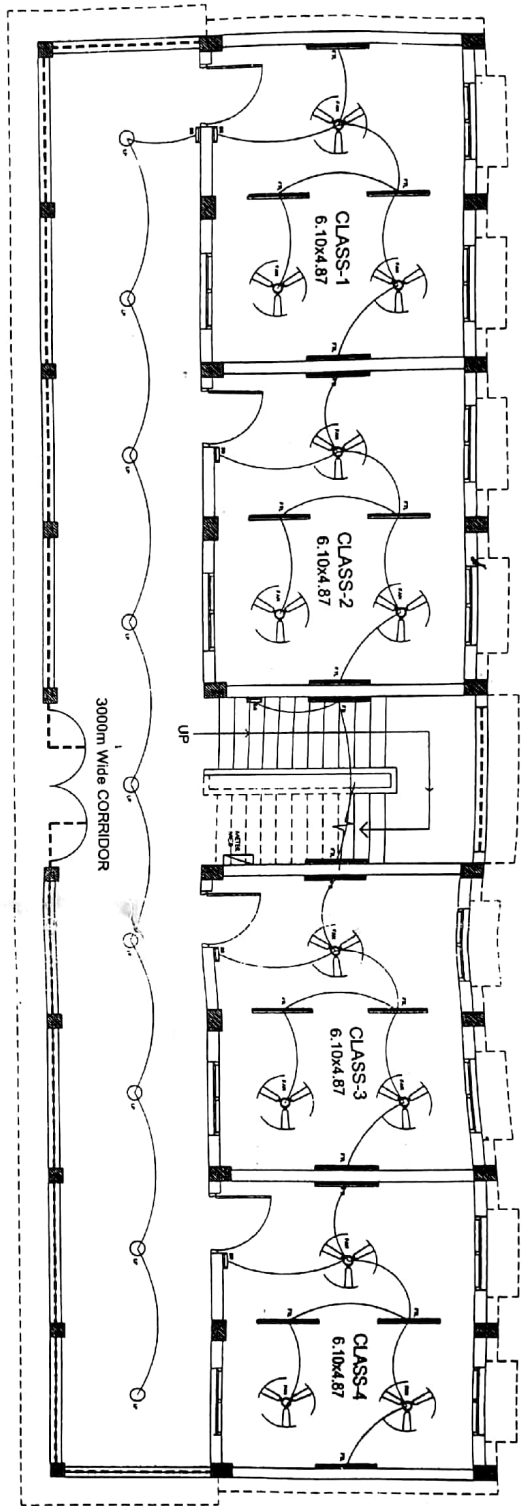
Column Group	Section	Reinforcement	
		Up to 3.715	Above 3.715
C1	300x300	8-Y12	8-Y12
C2	300x380	8-Y12	8-Y12
C3	300x380	4-Y16+4-Y12	8-Y12
C4	300x380	4-Y16+4-Y12	4-Y16+4-Y12
C5	300x380	8-Y16	4-Y16+4-Y12

NOTE:

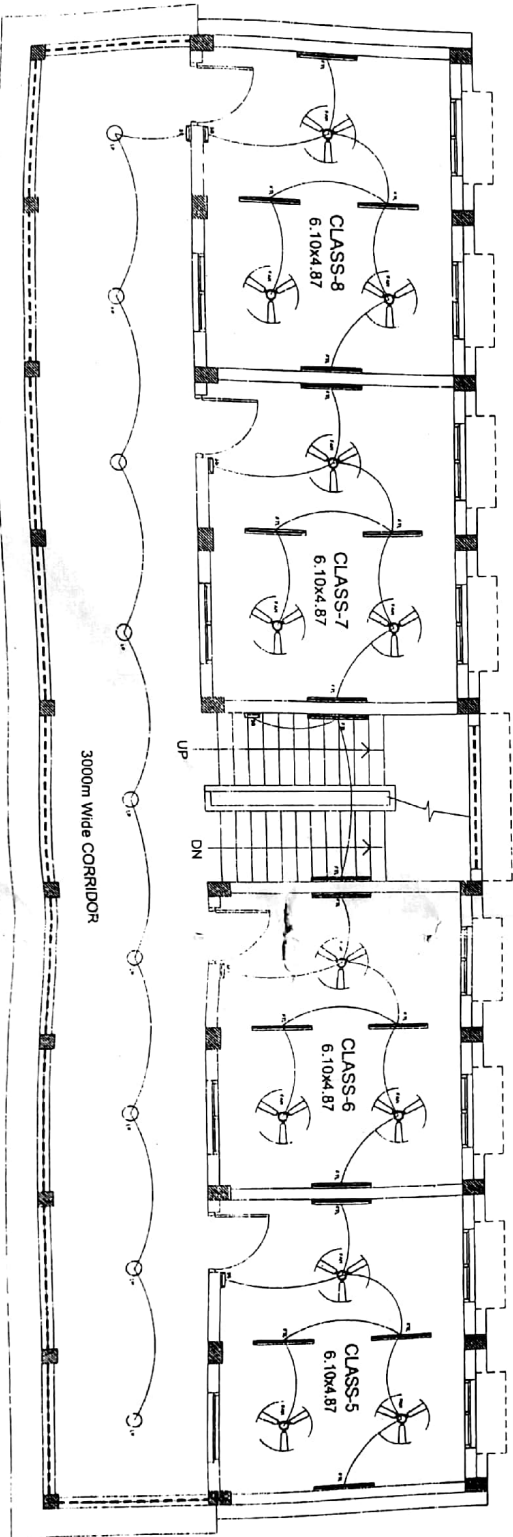
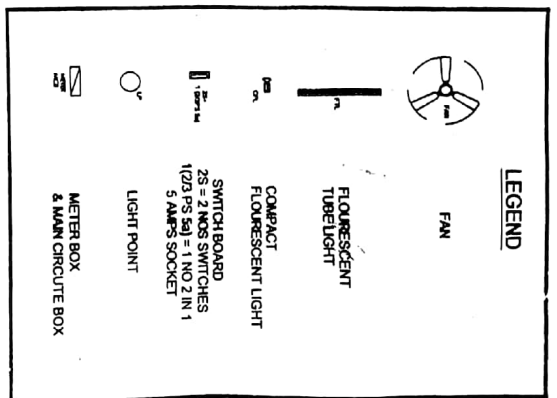
-

300 8-12mm 5mm±0.5mm 150C/C	UP to 3.715
300 8-12mm 5mm±0.5mm 150C/C	ABOVE 3.715
300 8-12mm 5mm±0.5mm 150C/C	UP to 3.715
300 8-12mm 5mm±0.5mm 150C/C	ABOVE 3.715
300 8-12mm 5mm±0.5mm 150C/C	UP to 3.715
300 8-12mm 5mm±0.5mm 150C/C	ABOVE 3.715

CLIENT: Seismic Zone II (10.00 km distance away from sea)
 RAJIV VIDYA MISSION
 PROJECT:
 PROPOSED GOVT. PRIMARY SCHOOL TYP
 DESIGNS. % STD. RYM. HYD.
 TITLE: EARTH QUAKE- ZONE II (10.00 KM)
 MARKOUT, FOOTING, COLUMN,
 PEDISTAL DETAILS
 JDS NO. SCALE: 1:100
 Dwg. No. SPQRWMAHMT \$2.0/2015-2011. Rev. 00 (15-04-2010)
 DESIGN BY: A.P
 ARCHITECTURAL CONSULTANTS
 10/11/14
 SITE 2 : 1:100
 1st Year Engineers, Section 20 Durgam
 M. Kumar, S. Kumar, A. Kumar, P. Kumar
 Note: 1. Read these notes carefully before making any drawing
 2. All dimensions are in millimeters unless otherwise specified



GROUND FLOOR ELECTRICAL LAYOUT



FIRST FLOOR ELECTRICAL LAYOUT

//APPROVED//

Technical Advisor
SPORVM/HYD

Seismic Zone II (10.00 km distance away from sea)

CLIENT

RAJIV VIDYA MISSION

PROJECT

PROPOSED GOVT. PRIMARY SCHOOL TYPE
DESIGNS. % SPD, RVM, HYD.

TITLE: EARTH QUAKE -ZONE II (MZO MIX)

GROUND /FIRST FLOOR ELECTRICAL LAYOUT

DRAWING SCALE: 1:100

DWG. NO. SPORVM/HYD/EL-01/2010-2011, Rev 00 Dt: 29-05-2010

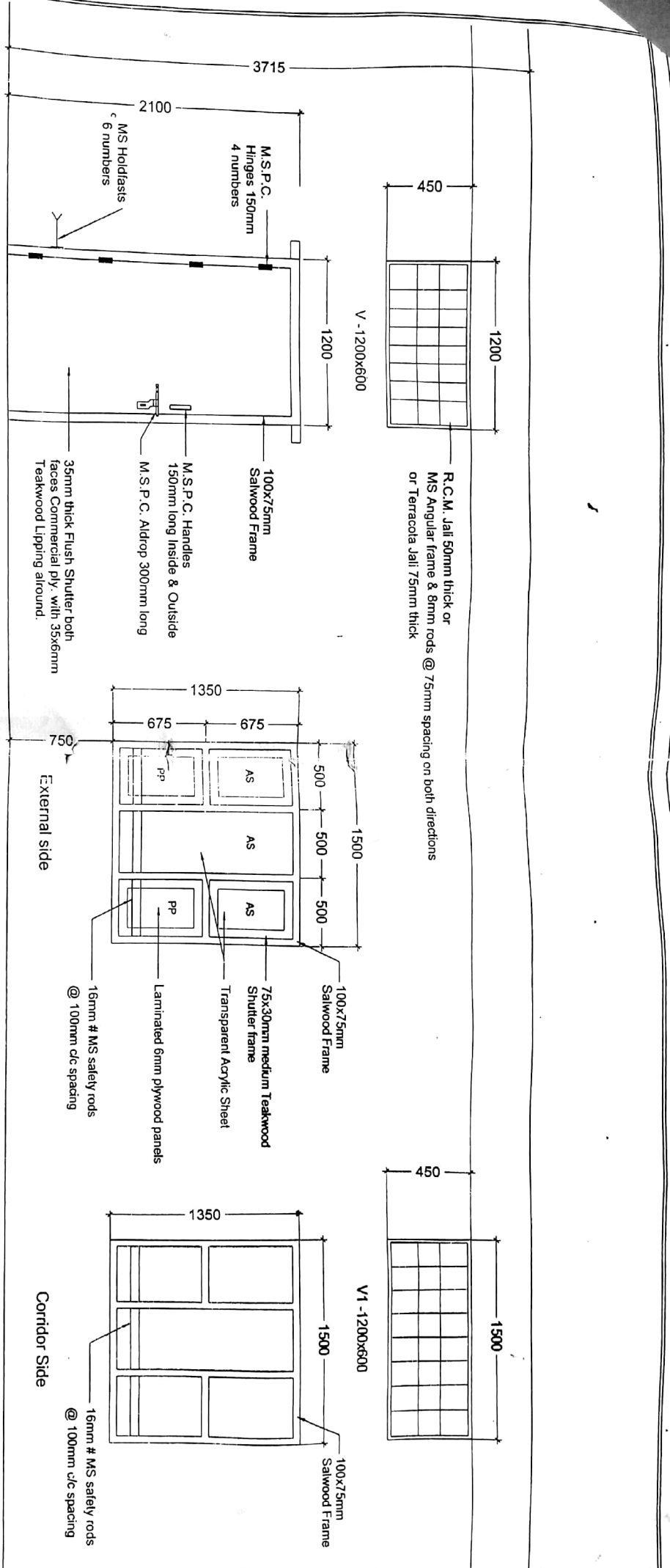
DESIGN BY: A.P.

ARCHITECTURAL CONSULTANTS

DATE: 29-05-2010

SITE 2 HEIGHT

WINDOW (W1) - 1500x1350
G.F nos - 4
F.F nos - 4
V1-1500x450



JOINARY DETAILS

Technical Advisor
SPO/RVM/HYD

Sakine ZONE II (10.00 km distance away from sea)	
CLIENT	RAJIV VIDYA MISSION
PROJECT	DESIGNED GOVT. PRIMARY SCHOOL TYPE PROPOSED % SPD, R.V.M. HYD.
TITLE: EARTH QUAKE -ZONE II (M20 MIX)	
JANUARY DETAILS	
JOY JOY	SCALE 1:100
DRO. NO. SPONT. WATER-CHARGE-04-07-2001 (Rev. 01.01.78)	
26-04-87 A.P.	
ARCHITECTURAL CONSULTANTS	
SITE 2 H.B.	
Sakine (Type 1) 1000	

Architectural drawing of a window section. The drawing shows a cross-section of a window frame with dimensions: 600 (width of the left frame), 3715 (width of the first pane), 3715 (width of the second pane), and 1000 (width of the right frame). The lower portion of the window features a grid pattern, likely representing a screen or mesh. A small circle is visible on the left side of the drawing.

Architectural floor plan of a large hall. The plan shows a central corridor (3715 x 1000) flanked by two wings, each containing four rectangular rooms (1350 x 9051). The total width is 6000 and the total length is 3715.

Architectural elevation drawing of a building facade. The drawing shows a symmetrical structure with two main vertical sections. Each section features a large rectangular opening at the base and a smaller, square opening above it. The upper square openings are filled with a grid pattern, likely representing a window or screen. The structure is supported by vertical columns. Dimensions are indicated at the bottom: 600 (width of the leftmost section), 3715 (width of the first main section), 3715 (width of the second main section), and 1000 (width of the rightmost section).

SIDE ELEVATION

thick

value

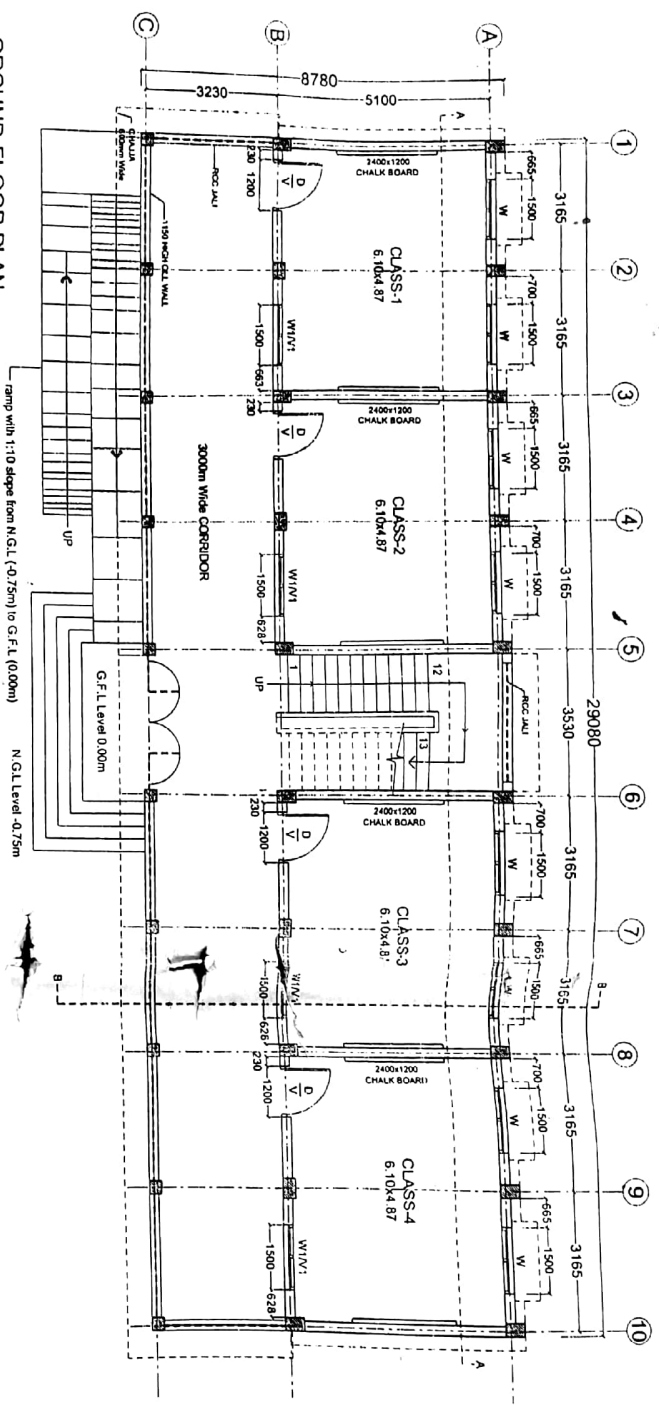


12 cm

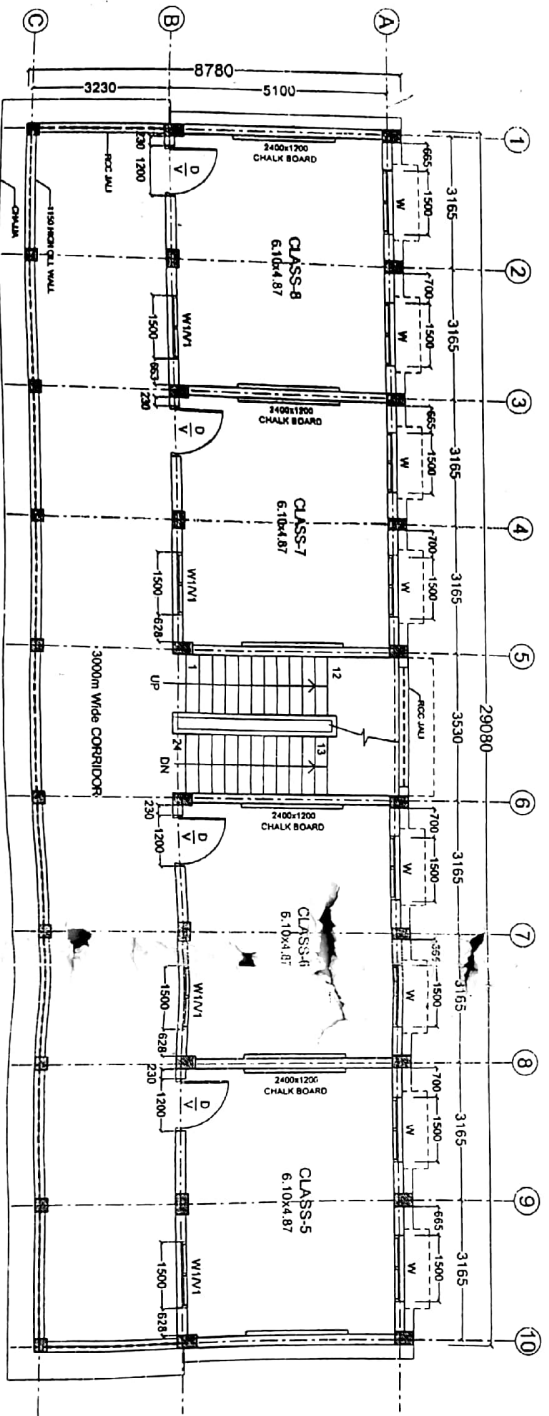
10 cm

2 cm

[illegible]



GROUND FLOOR PLAN

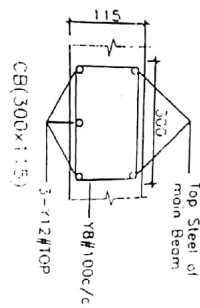


FIRST FLOOR PLAN

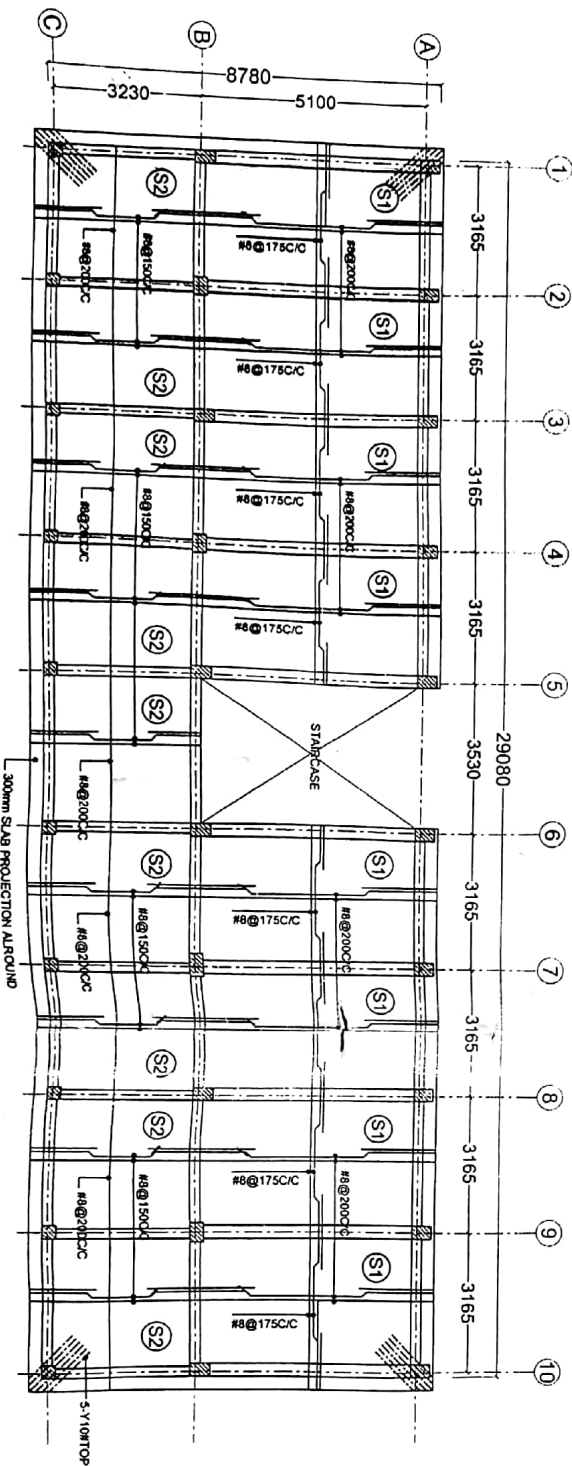
GROUND FLOOR AREA = 253.11 Sqmts
FIRST FLOOR AREA = 253.11 Sqmts
TOTAL AREA = 506.22 Sqmts

//APPROVED//
Ravi Vidya Mission
Technical Advisor
SPO/RVM/HYD
29/05/2011

Seismic Zone II (10.00 km distance away from sea)
CLIENT: RAVI VIDYA MISSION
PROJECT: PROPOSED GOVT. PRIMARY SCHOOL TYPE DESIGNS. % SPD, RVM, HYD.
TITLE: EARTH QUAKE ZONE II (M20 MIX)
GROUND /FIRST FLOOR PLAN
JOB NO. SCALE: 1:50
DESIGN BY: AP
DRG. No: SPO/RVM/HYD/ACD-01/2010-2011, Rev.00 Dt: 29-05-2010
ARCHITECTURAL CONSULTANTS:
SITE 2 HEIGHT Architect: Ravi Vidya Mission Engineer: Ravi Vidya Mission Structural: Ravi Vidya Mission Electrical: Ravi Vidya Mission Mechanical: Ravi Vidya Mission Civil: Ravi Vidya Mission Interior: Ravi Vidya Mission Landscape: Ravi Vidya Mission Other: Ravi Vidya Mission



Uniform slab thickness : 115mm

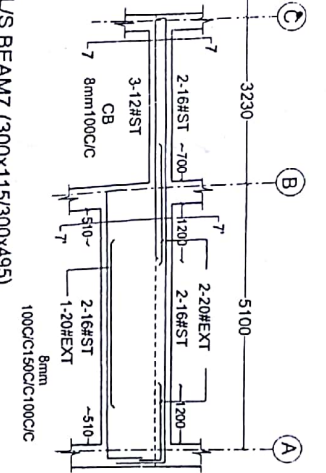
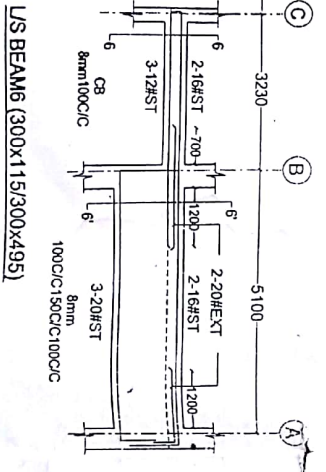
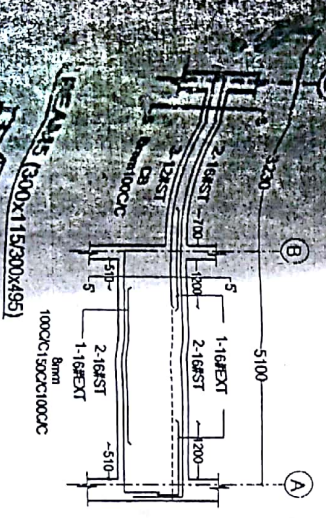
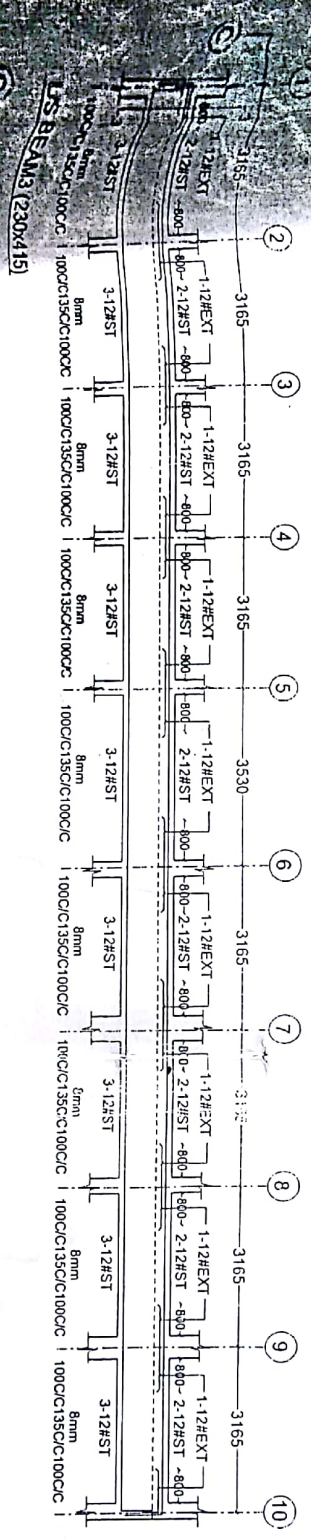
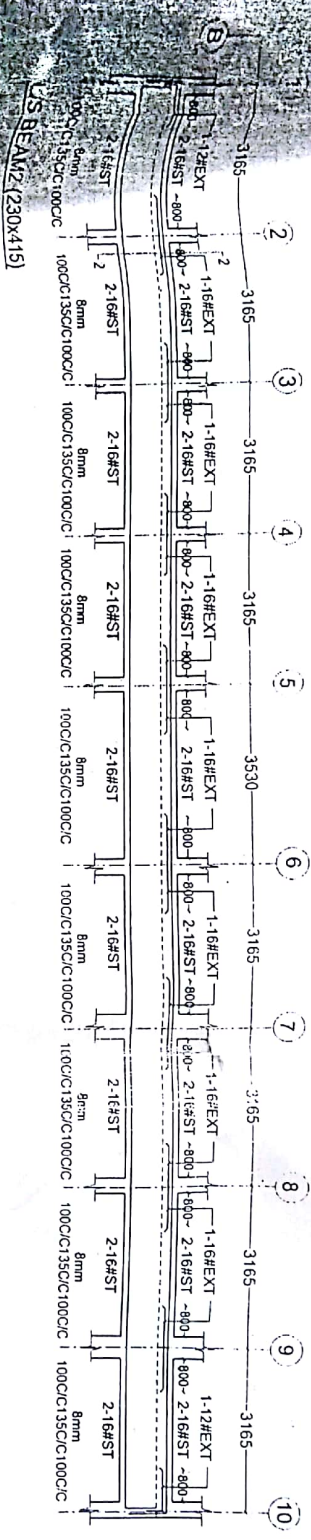
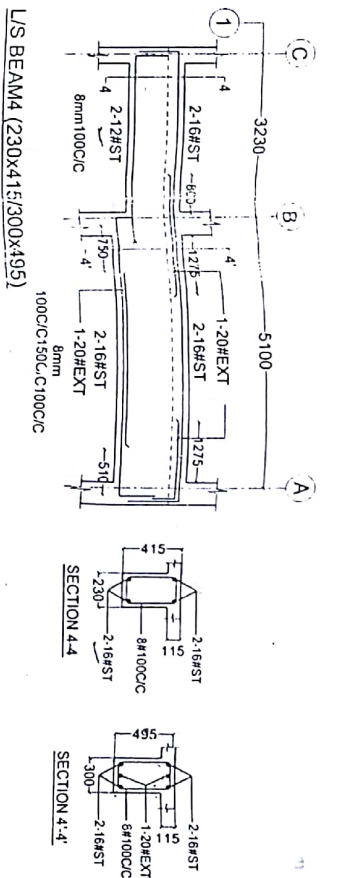
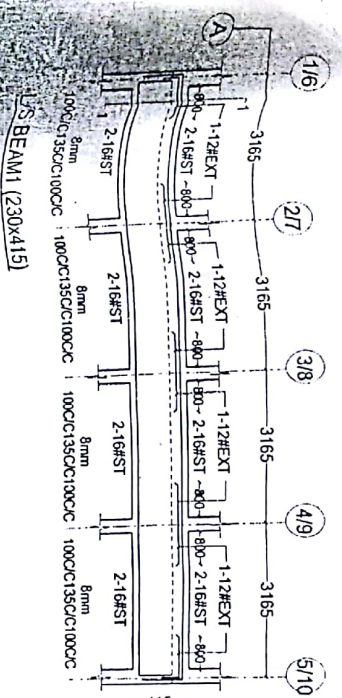


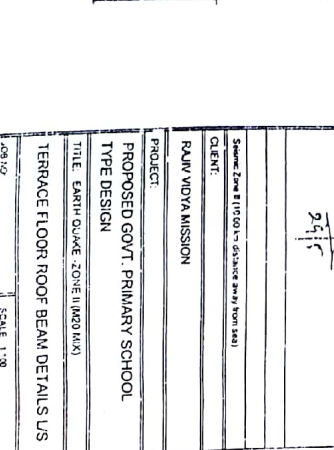
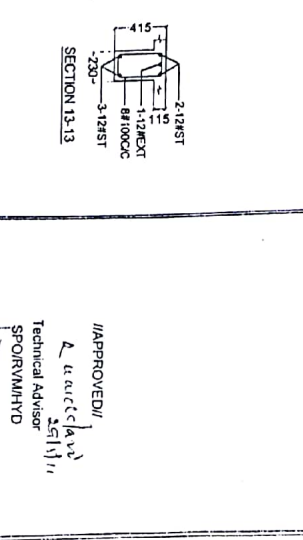
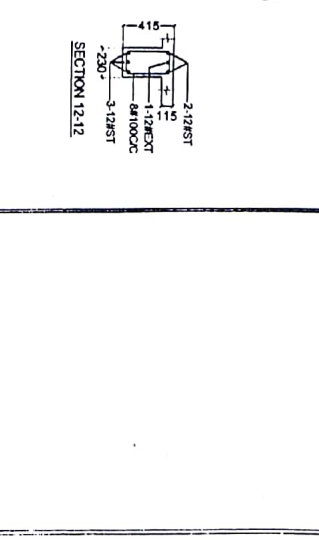
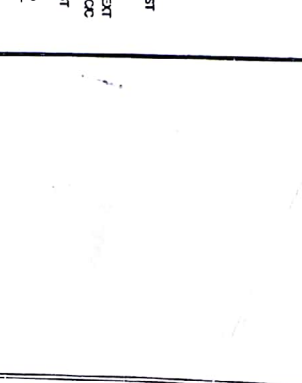
GROUND FLOOR SLAB LAYOUT

Reinforcement		Slab Thickness	Slab Panel	S1 no
In short span	In long span			
Y8@175C/C	Y8@200C/C	115	S1	S1
Y8@150C/C	Y8@200C/C	115	S2	S2

29

Seismic Zone II (10.00 km distance away from sea)	
CLIENT:	
RAJIV VIDYA MISSION	
PROJECT:	
PROPOSED GOVT. PRIMARY SCHOOL TYPE DESIGNS, % SPD, RWA, HYD.	
TITLE: EARTH QUAKE ZONE II(MD 100)	
GROUND FLOOR BEAM LAYOUT & SLAB DETAILS	
DWG NO.	SCALE: 1:100



[illegible]