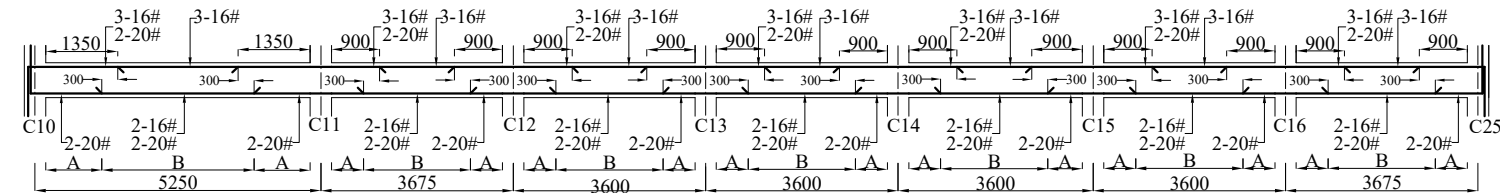
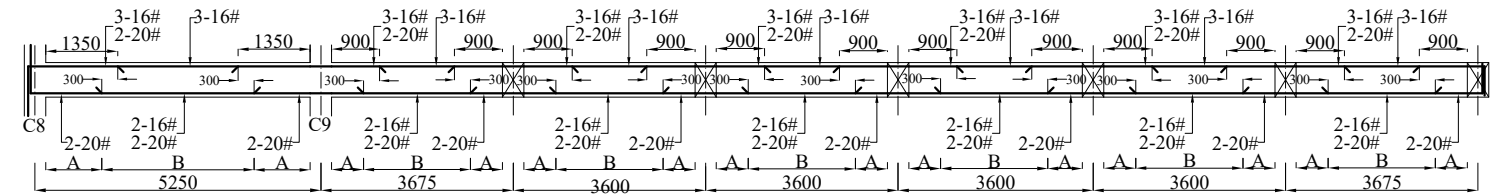


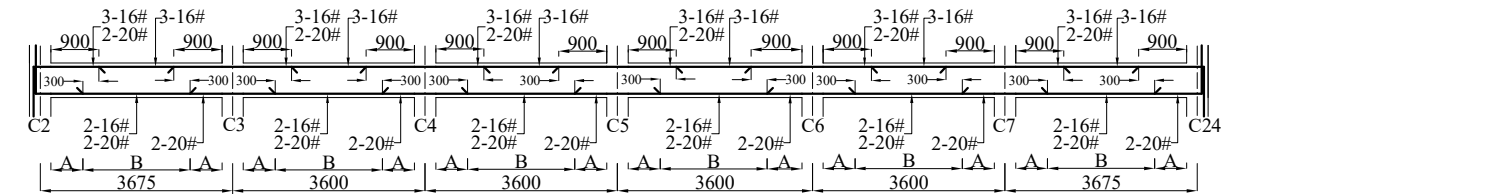
DETAILS OF FB-1 (SIZE275X450)



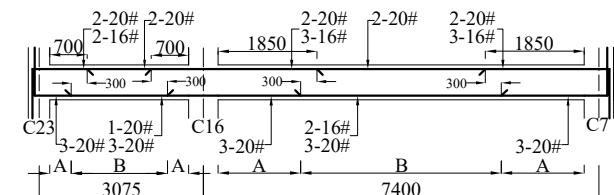
DETAILS OF FB-2 (SIZE275X450)



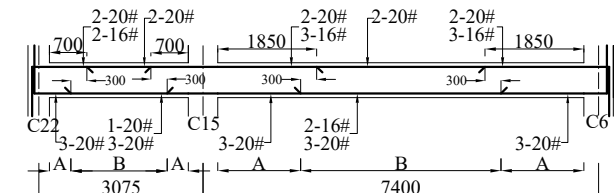
DETAILS OF FB-3 (SIZE275X450)



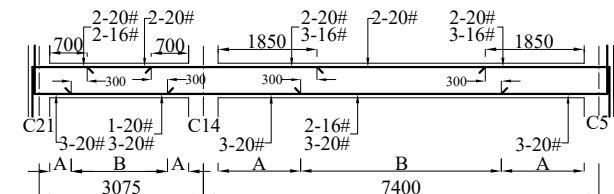
DETAILS OF FB-4 (SIZE275X450)



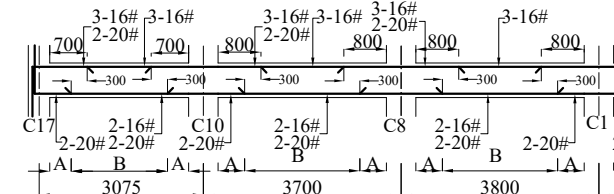
DETAILS OF FB-5 (SIZE300X450)



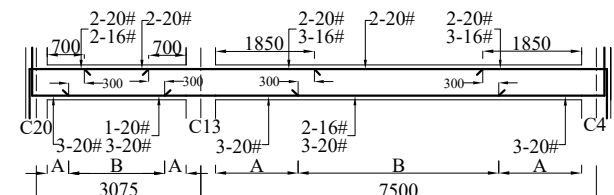
DETAILS OF FB-6 (SIZE300X450)



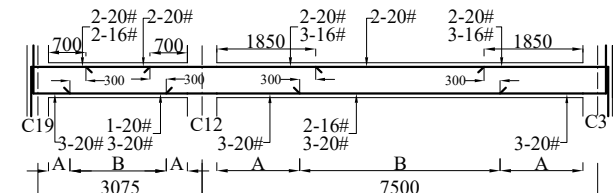
DETAILS OF FB-7 (SIZE300X450)



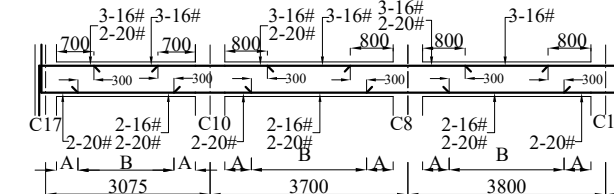
DETAILS OF FB-11 (SIZE275X450)



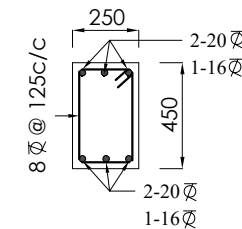
DETAILS OF FB-8 (SIZE300X450)



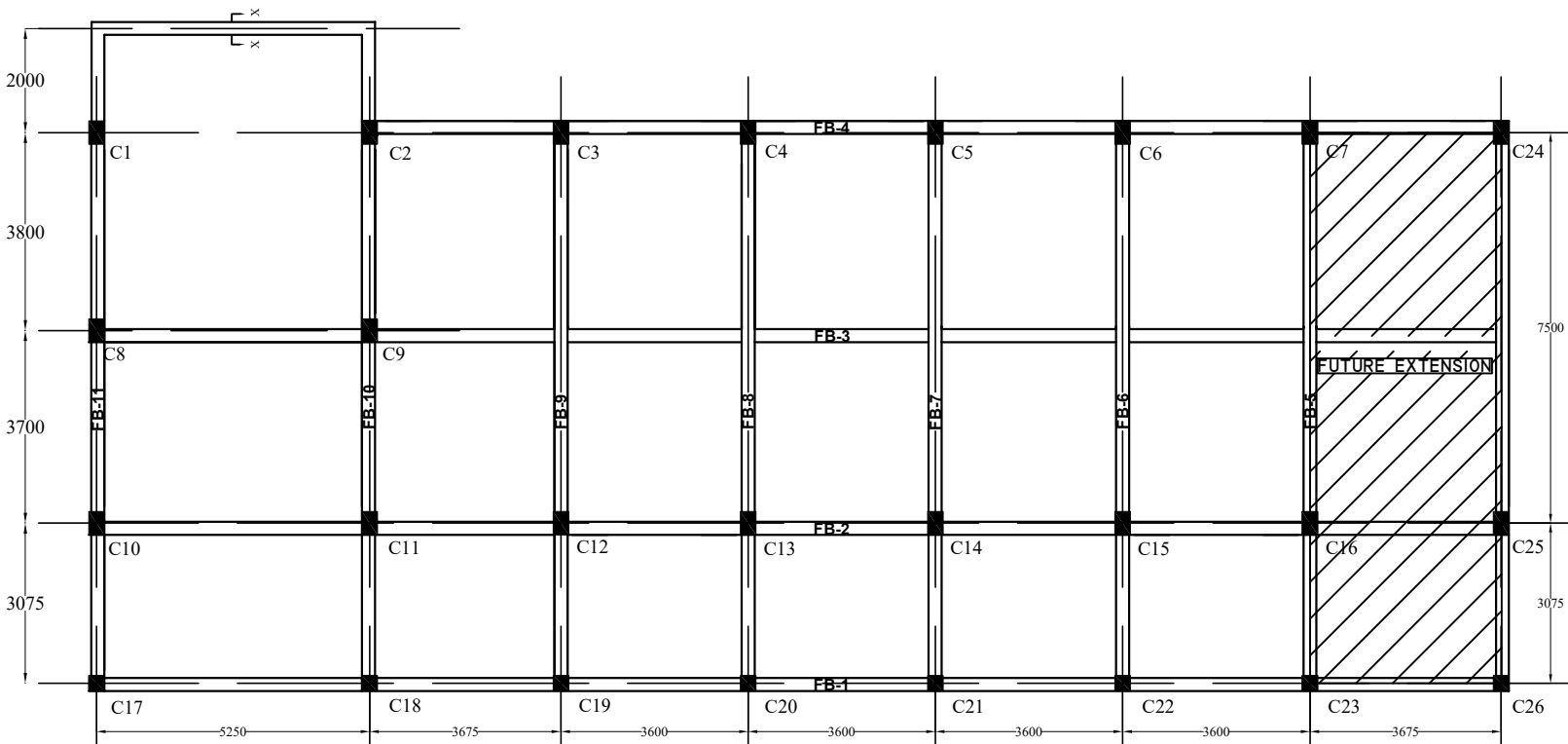
DETAILS OF FB-9 (SIZE300X450)



DETAILS OF FB-10 (SIZE275X450)



TYPICAL SECTION AT X - X



FLOOR BEAM LAYOUT PLAN OF COLLEGE BUILDING

SCALE : 1:100

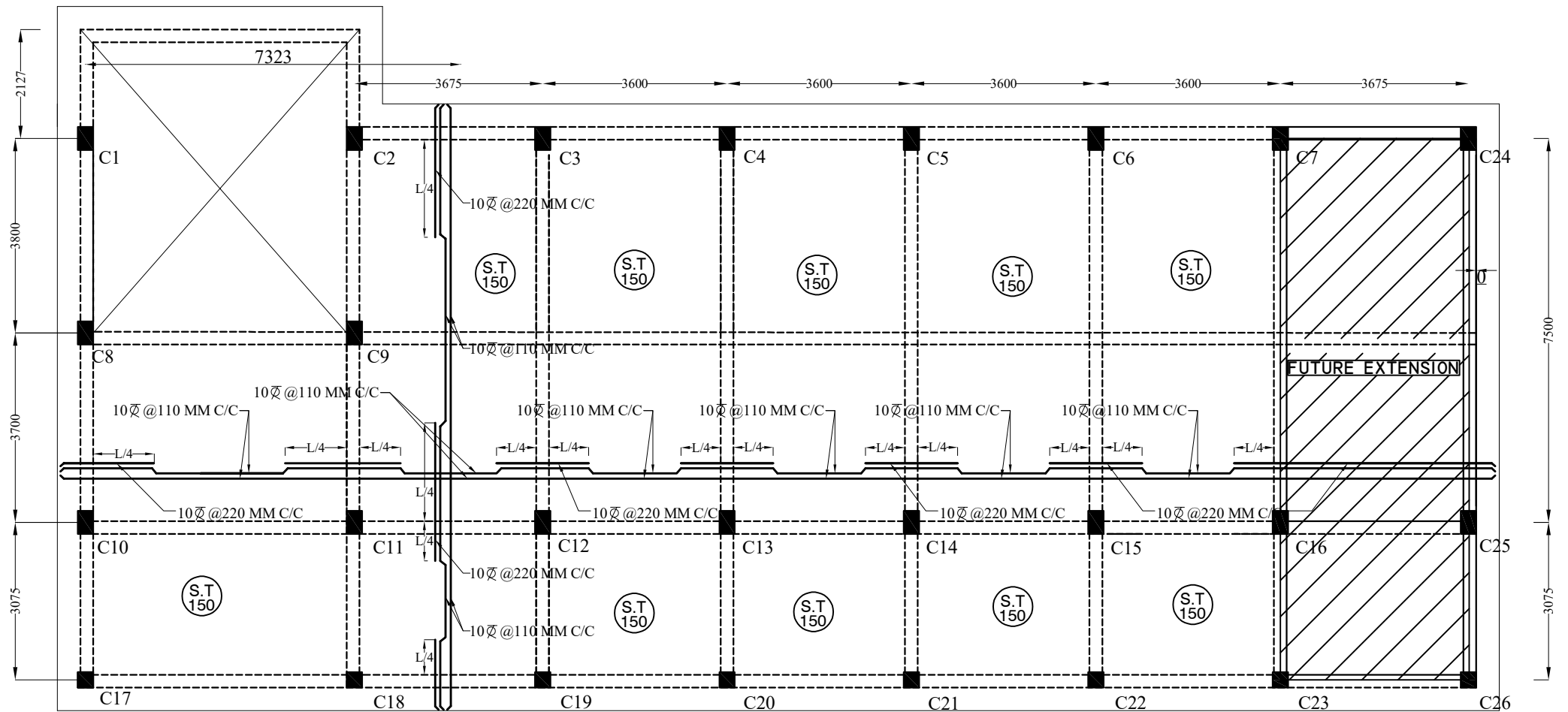
STIRRUPS DETAIL FOR FLOOR BEAMS

- A : 8 $\varnothing$ STRPS. @ 100 C/C
- B : 8 $\varnothing$ STRPS. @ 135 C/C
- C : 8 $\varnothing$ STRPS. @ 125 C/C

NOTES

- ALL DIMENSIONS ARE IN M.K.S. SYSTEM EXCEPT OTHERWISE STATED.
- DRAWINGS ARE TO BE READ ONLY.
- NO ALTERNATON TO BE MADE WITHOUT THE PERMISSION OF THE CONSULTANT.
- DIMENSIONS TO BE CHECKED BEFORE EXECUTION OF WORK.
- ALL STRUCTURAL CONCRETE MIX 1 : 1.5 : 3 (1 CEMENT : 1.5 SAND : 3 COARSE AGG.) UNLESS OTHERWISE STATED.
- CLEAR COVER MAIN REINFORCEMENT:-
 - COLUMN : 40 MM.
 - BEAM : 25 MM.
 - SLAB / LINTEL / CHAJJA / FIN : 15 MM.
 - PILE CAP : 50 MM.
- LAP & HOOK LENGTH SHALL BE 57 X D FOR BEAM & 42 X D FOR COLUMN WHERE "D" IS THE DIA. OF MAIN BAR.
- $\varnothing$ DENOTES MILD STEEL ROUND BAR CONFORMING TO I.S. 432, 1966 (PART-I) & ∇ DENOTE H.Y.S.D. BAR CONFORMING TO I.S. 1786-1979 Fe -415 N/SQ.MM.
- FOUNDATION IS DESIGNED FOR G+2 + AT STORED
- ANY DISCREPANCY IN DRAWING SHOULD BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE EXECUTION OF WORK AT SITE.

PROPOSED ACADEMIC BUILDING OF SUREN DAS COLLEGE AT HAJO, KAMRUP		
STAGE : WORKING DRAWING	DRG. TITLE. FLOOR BEAM DETAILS.	
DRG. NO.- LB/SD -05	Consultant :-	
DRG. BY :- M. DEV. SARMA	THE DESIGN ROOM AMBIKAGIRI NAGAR, AIDC ZOO ROAD HOUSE NO -7, PH: 094353 29069	
CHK. BY:- D. SARMA.	Reg No. : GMDA / RTP /2015/GR(Eng)-114/5	



SLAB DETAILS

NOTE :-

- ALL DIMENSIONS AND LEVELS ARE IN 'MM.', UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS SHALL NOT BE SCALED NOR BARS SHALL BE COUNTED FROM THE DRAWING. ONLY FIGURED DIMENSIONS TO BE FOLLOWED.
- ALL REINFORCEMENT SHALL BE OF THERMO MECHANICALLY TREATED (T.M.T.) BARS CONFORMING TO I.S. 1786-1985 (GRADE Fe-500) WITH 0.2% PROOF STRESS, NOT LESS THAN 500 N/MM².
- CEMENT CONCRETE IN ALL FOUNDATIONS, COLUMNS AND PLINTH BEAMS, SLAB AND BEAMS SHALL BE NOMINAL MIX 1:1.5:3 (1 CEMENT : 1.5 COARSE SAND : 3 GRADED STONE AGGREGATE 20MM NOMINAL SIZE).
- TOP OF PLINTH BEAM SHALL BE KEPT 150MM BELOW THE FORMATION LEVEL OR FINISHED FINAL GROUND LEVEL PROVIDED THERE IS NO OBSTRUCTION ON ACCOUNT OF PIPE LINES, ELECTRICAL CABLE LINES ETC. NEAR TOILET TOP OF THE PLINTH BEAM SHOULD BE SUITABLY PLACED SO THAT NO PROBLEM IS CREATED FOR TAKING OUT PIPES.
- COVER TO REINFORCEMENT : (AS PER IS:456-1978)
 - COLUMN : 40MM
 - BEAM : 25MM OR DIAMETER OF BAR, WHICHEVER IS GREATER.
 - SLAB : 15MM
- LAP AND ANCHORAGE LENGTH OF BARS SHALL BE 47 TIMES THE DIA OF BAR FOR MIX 1 : 1.5 : 3.
- NOT MORE THAN HALF OF THE TOTAL NUMBER OF COLUMN /BEAM BARS SHALL BE LAPPED IN A SECTION.
- MINIMUM DISTANCE BETWEEN TWO LAPPED SECTION SHALL BE NOT LESS THAN 1.5 TIMES L.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RESPECTIVE ARCH. DRGS.

PROPOSED ACADEMIC BUILDING
OF SUREN DAS COLLEGE AT HAJO, KAMRUP

STAGE : WORKING DRAWING

DRG. TITLE
FLOOR SLAB DETAILS

DRG. NO.- LB/SD -06

DRG. BY :- M. DEV. SARMA

CHK. BY:- D. SARMA

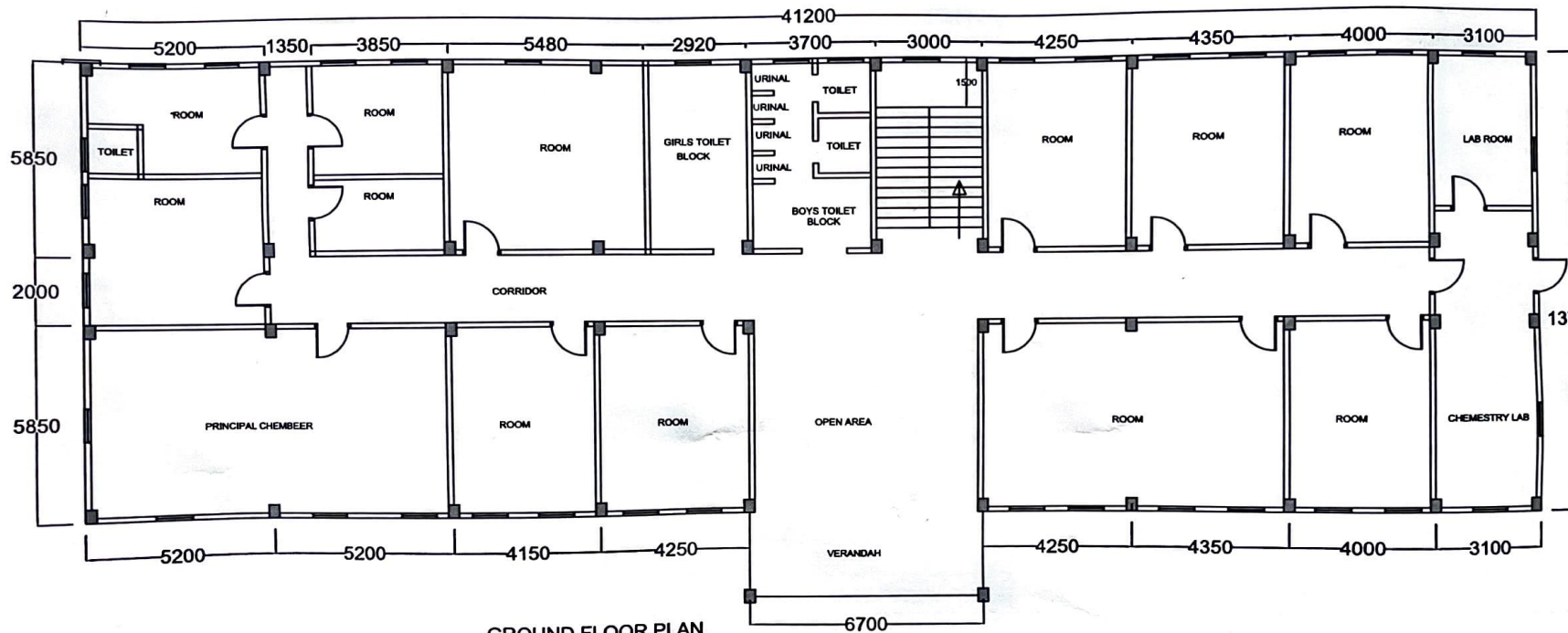
Consultant :-

THE DESIGN ROOM

AMBKAGIRI NAGAR, AIDC ZOO ROAD

HOUSE NO -7, PH: 094353 29069

Reg No. : GMDA / RTP /2015/GR(Eng)-114/5



GROUND FLOOR PLAN

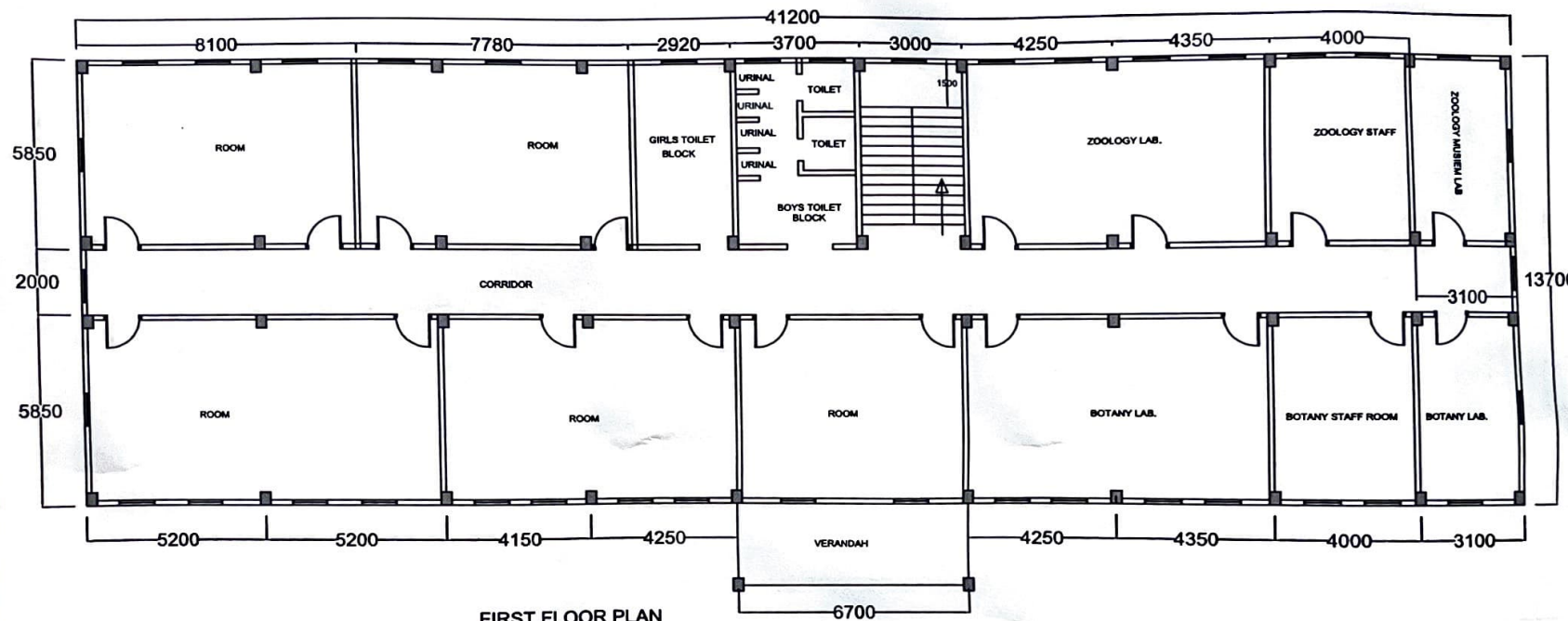
- NOTES
1. THIS DRAWING SHALL BE READ ALONG WITH ARCHITECTURAL DRAWING
 2. DISCREPANCY IF NOTICED IN BETWEEN THIS DRAWING AND CONCERNED ARCHITECTURAL DRAWING SHALL NOT BE RECONCILED FROM ARCHITECT & STRUCTURAL ENGINEER.
 3. COLUMN GROUP OF COLUMNS UNLESS SPECIFICALLY MENTIONED OTHERWISE IN THIS DRAWING.
 4. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.
 5. ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED.
 6. ALL R.C.C. WORK SHALL BE OF M-20 GRADE
 7. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-
 - A) COLUMN: 40 MM
 - B) BEAM: 25 MM
 - C) FOOTING: 50 MM
 8. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.
 9. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS: 1786-1985 (GRAD Fe-500).
 10. ALL R.C.C. WORK SHALL BE AS PER RELEVANT IS CODES OF PRACTICE

PROPOSED COLLEGE BUILDING OF
SUREN DAS COLLEGE AT NAID, KAMRUP.

DRAWING TITLE
WORKING DRAWING GROUND FLOOR PLAN

Sign. BY: *RBC Habib*

Assistant Executive Engineer, P.W.D. (Retd.)
Capital Construction Bldg. Sub-Division-1
Dispur, Guwahati-06



FIRST FLOOR PLAN

- NOTES
1. THIS DRAWING SHALL BE READ ALONG WITH ARCHITECTURAL DRAWING
 2. DISCREPANCY IF NOTICED IN BETWEEN THIS DRAWING AND CONCERNED ARCHITECTURE DRAWING SHALL NOT RECONCILED FROM ARCHITECT & STRUCTURAL ENGINEER.
 3. COLUMN GROUP OF COLUMNS UNLESS SPECIFICALLY MENTIONED OTHERWISE IN THIS DRAWING.
 4. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.
 5. ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED.
 6. ALL R.C.C. WORK SHALL BE OF M-30 GRADE
 7. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS -
A) COLUMN: 40 MM
B) BEAM: 25 MM
C) FOOTING: 50 MM
 8. ALL GRID LINES PASS THROUGH THE CENTRE LINE OF COLUMN.
 9. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED STEEL BARS CONFORMING TO IS. 1786-1985 (SRAD PL-200).
 10. ALL C.C. WORK SHALL BE AS PER RELEVANT IS CODES OF PRACTICE

PROPOSED COLLEGE BUILDING OF
SUREN DAS COLLEGE AT HAJI KAMRUP.

DRAW- WORKING DRAWING DRAWING TITLE 1ST FLOOR PLAN

Sign. BY. *R.B. Lohia*

Assistant Executive Engineer, P.W.D. (Retd.)
Capital Construction, Sub-Division-1
Dispur, Guwahati-06

DRAWING FOR PROPOSED CONSTRUCTION OF RCC BUILDING FOR CLASS ROOM AT SUREN DAS COLLEGE, HAJO.



FRONT ELEVATION
SCALE :1:100


Engineer, P.W.D.
Guwahati Building Division: No. II
Dispur, Guwahati-6


Principal
Suren Das College, Hajo
Kamrup (N), Assam

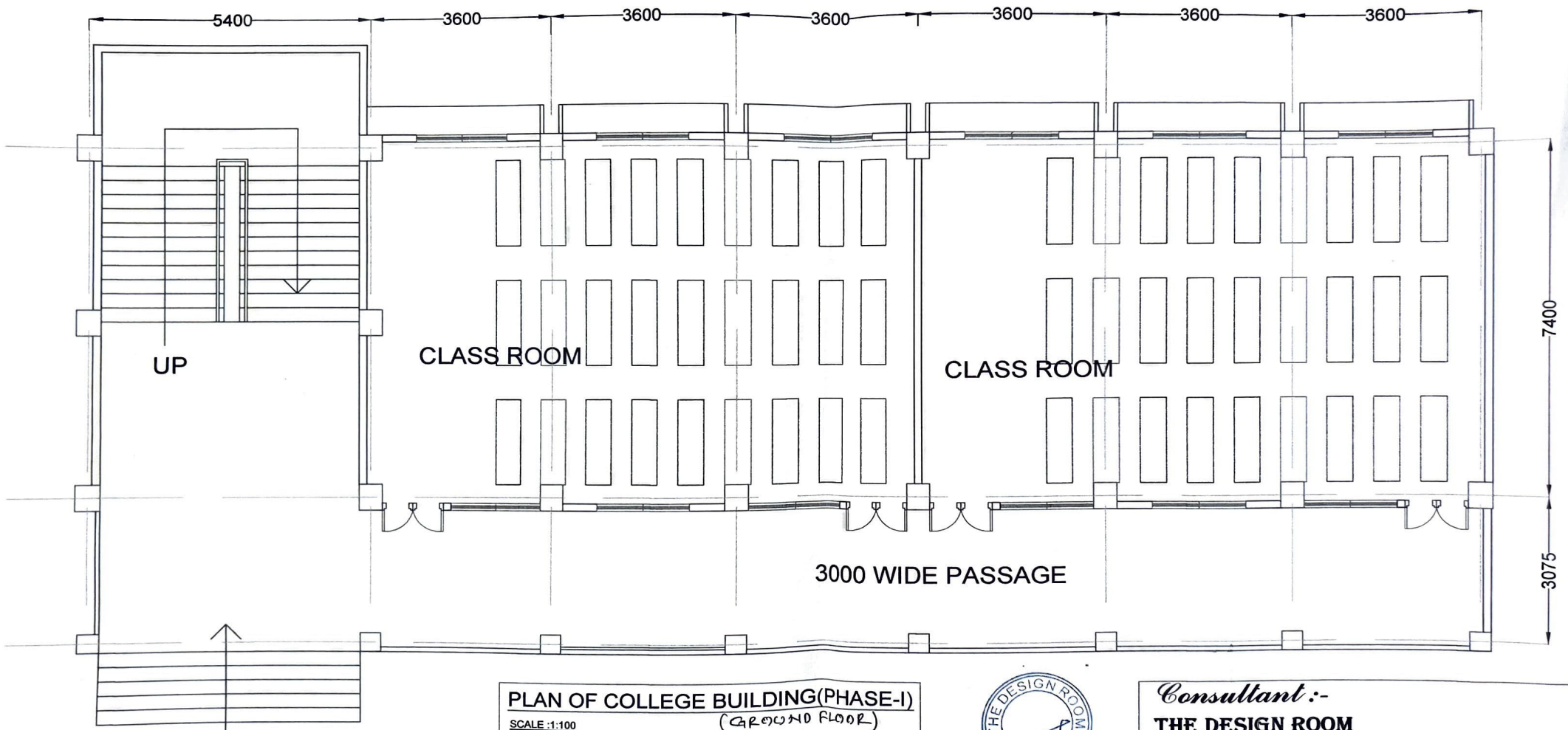

Principal
Suren Das College, Hajo
Kamrup (N), Assam




Consultant Engineer, P.W.D.
Guwahati Building Division: No. II
Dispur, Guwahati-6

Consultant :-
THE DESIGN ROOM
AMBIKAGIRI NAGAR, AIDC ZOO ROAD,
HOUSE NO -7, PH: 094353 29069
Reg No. : GMDA / RTP /2015/GR(Eng)-114/5

DRAWING FOR PROPOSED CONSTRUCTION OF RCC BUILDING FOR CLASS ROOM AT SUREN DAS COLLEGE, HAJO.



PLAN OF COLLEGE BUILDING(PHASE-I)
SCALE : 1:100
AREA = 310.43 SQM.
AREA = 3340.23 SQFT.
(GROUND FLOOR)



Consultant :-
THE DESIGN ROOM
AMBIKAGIRI NAGAR, AIDC ZOO ROAD,
HOUSE NO -7, PH: 094353 29069
Reg No. : GMDA / RTP /2015/GR(Eng)-114/5

Jr. Engineer, P.W.D.
Guwahati Building Division, No. 11
Dispur, Guwahati-6

Approved by
Jr. Engineer, P.W.D.
JST, KDR.

Principal
Suren Das College, Hajo
Kamrup (R), Assam

Executive Engineer, PWD
Guwahati Building Division, No. 11
Dispur, Guwahati-6