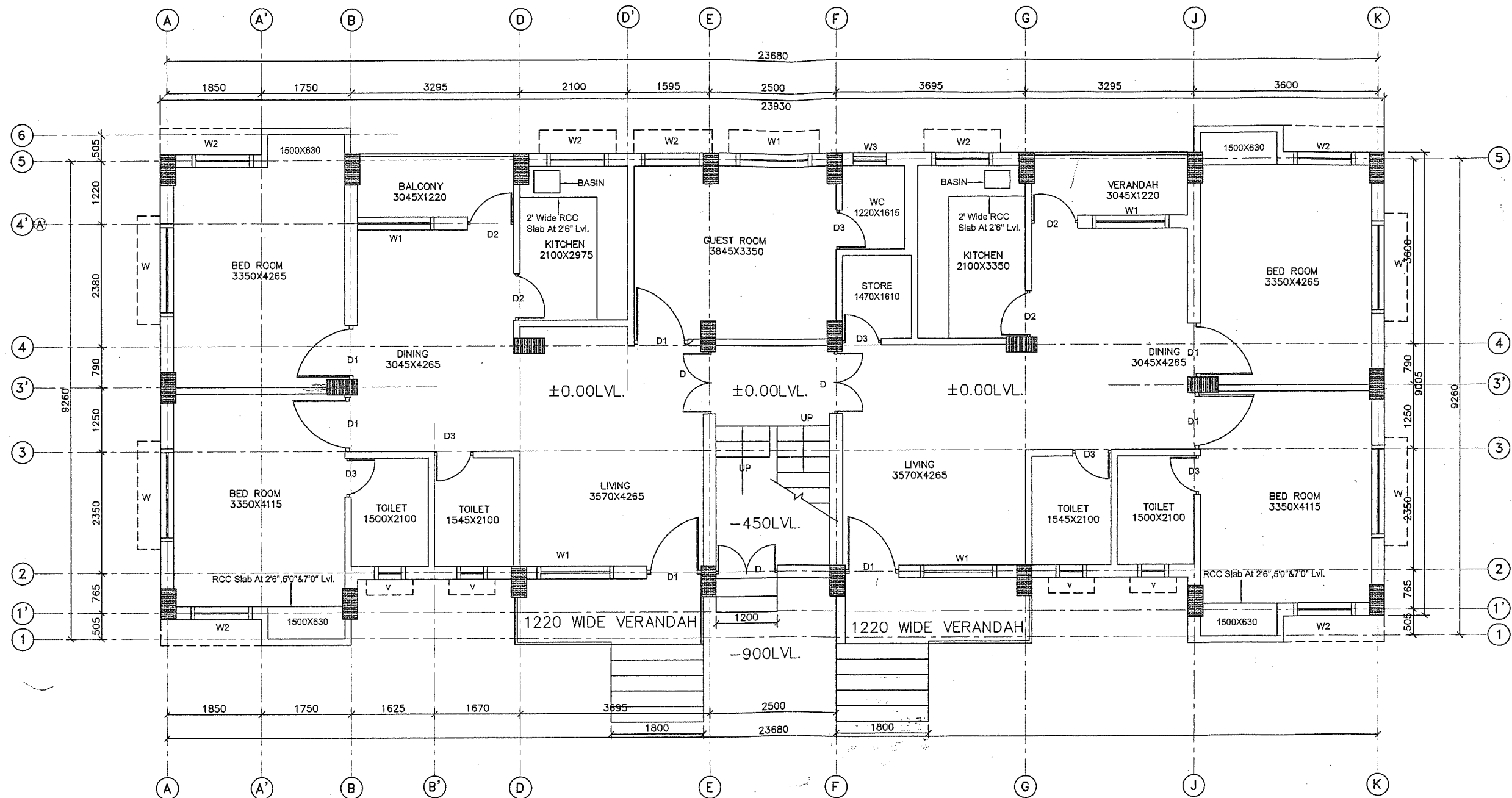




GROUND FLOOR PLAN
AREA: - 2361.6 SFT

Project:-
STAFF QUARTER CUM
PRINCIPAL RESIDENCE FOR
DIET, PTEC, CTE & BITE

Sheet Title:
GROUND FLOOR PLAN

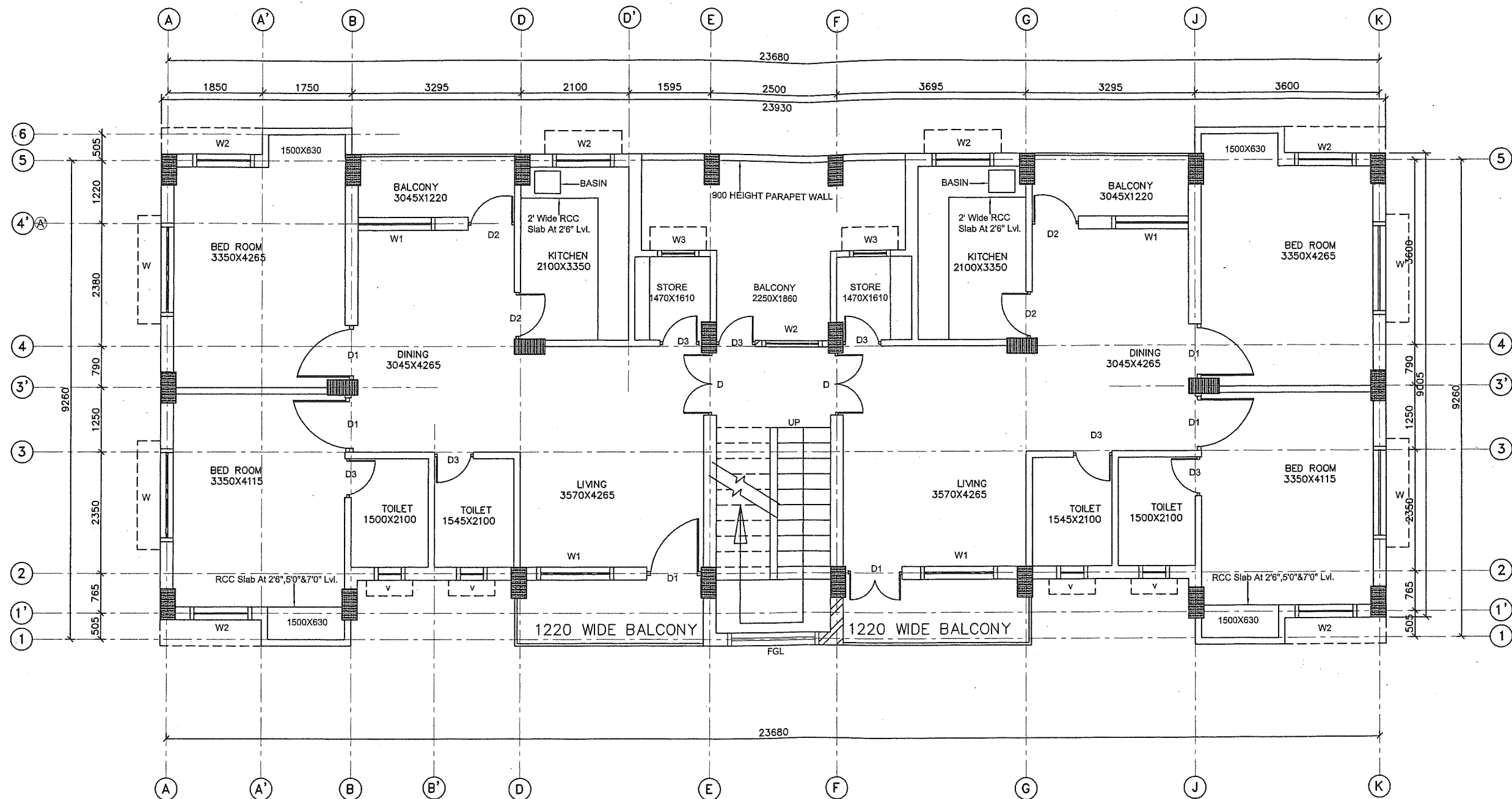
Date:-
28.01.16

Santosh Kumar
D.M.C

Architect

Sr. Architect

Bihar State Educational
Infrastructure Development
Corporation Ltd, Patna



Project:-
STAFF QUARTER CUM
PRINCIPAL RESIDENCE FOR
DIET, PTEC, CTE & BITE

Sheet Title:
SECOND FLOOR PLAN

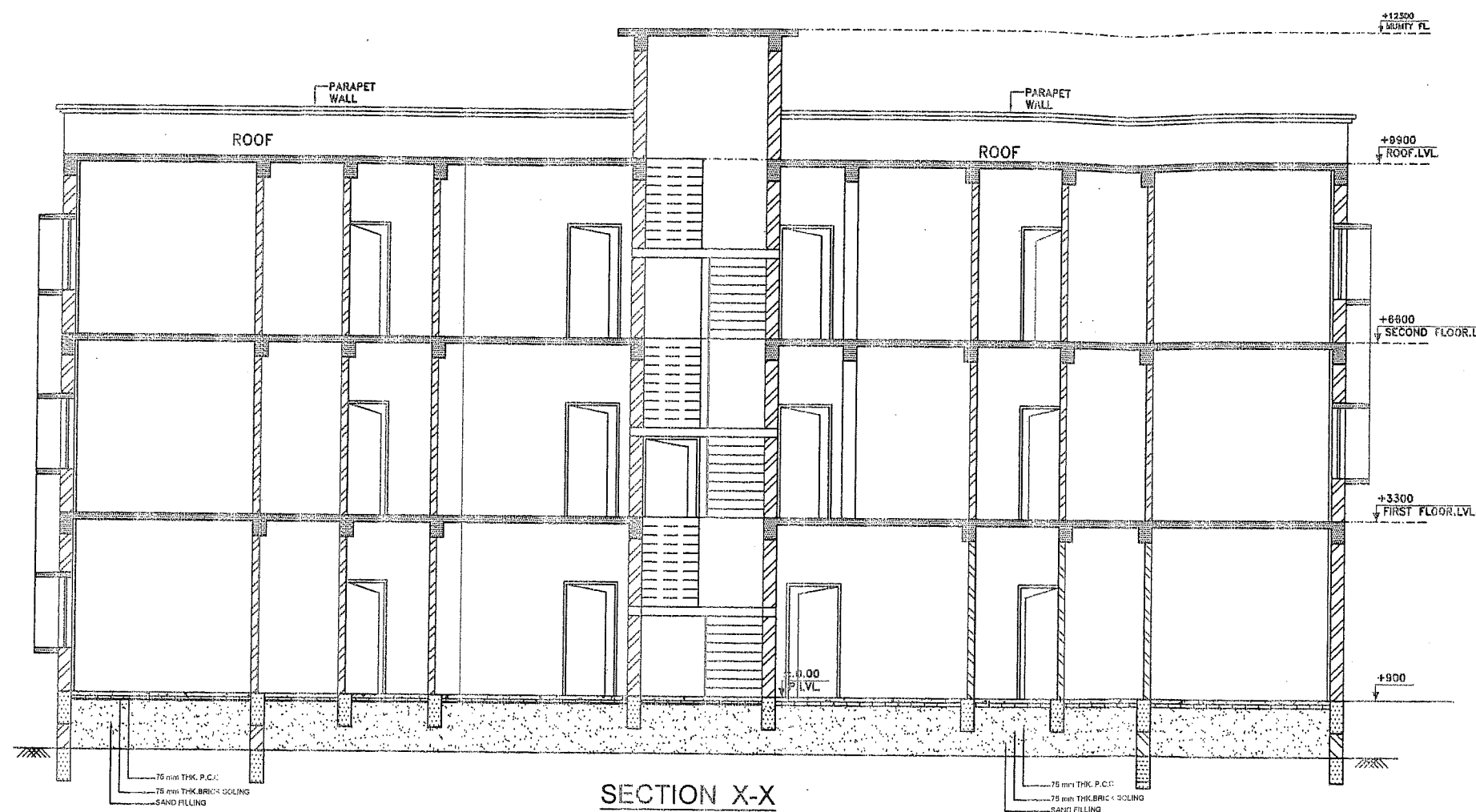
Date:-
28.01.16

Santosh Kumar
D.M.C

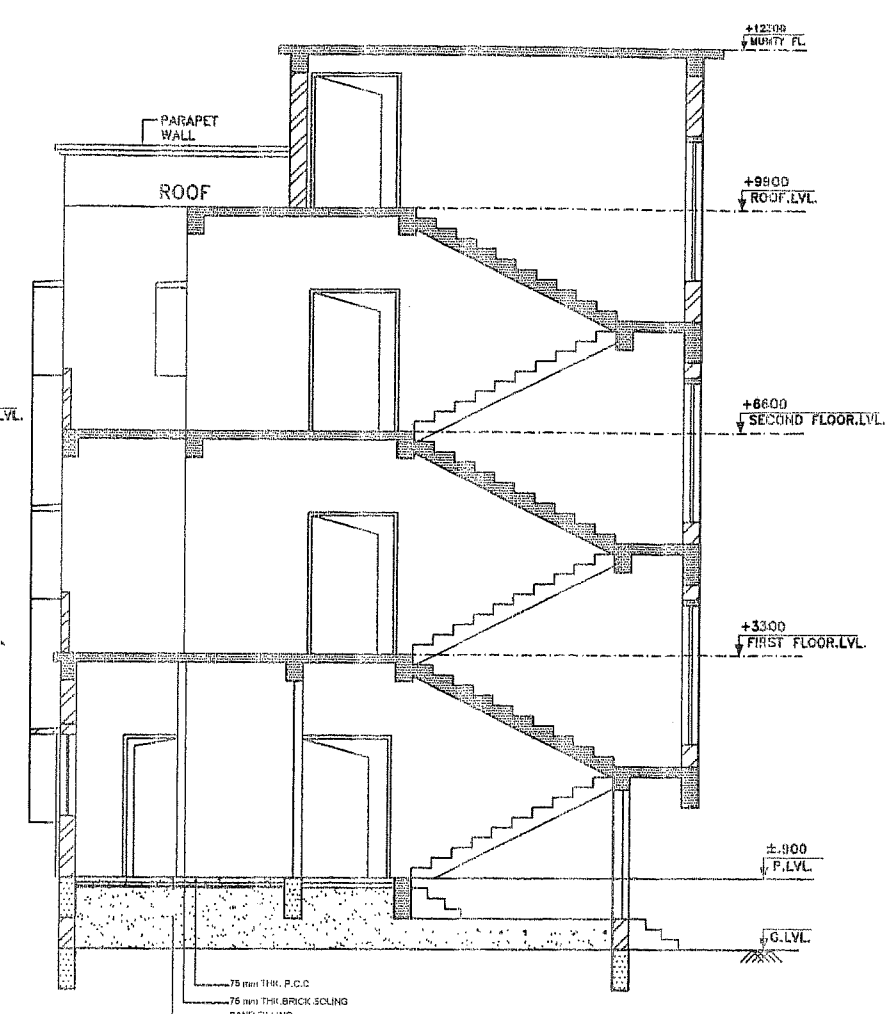
Architect

Sr. Architect

Bihar State Educational
Infrastructure Development
Corporation Ltd, Patna



SECTION X-X



SECTION Y-Y

Project:-
RESIDENTIAL BUILDING
PRINCIPAL RESIDENCE FOR
DIET, PTEC, CTE & BITE

Sheet Title:
SECTION

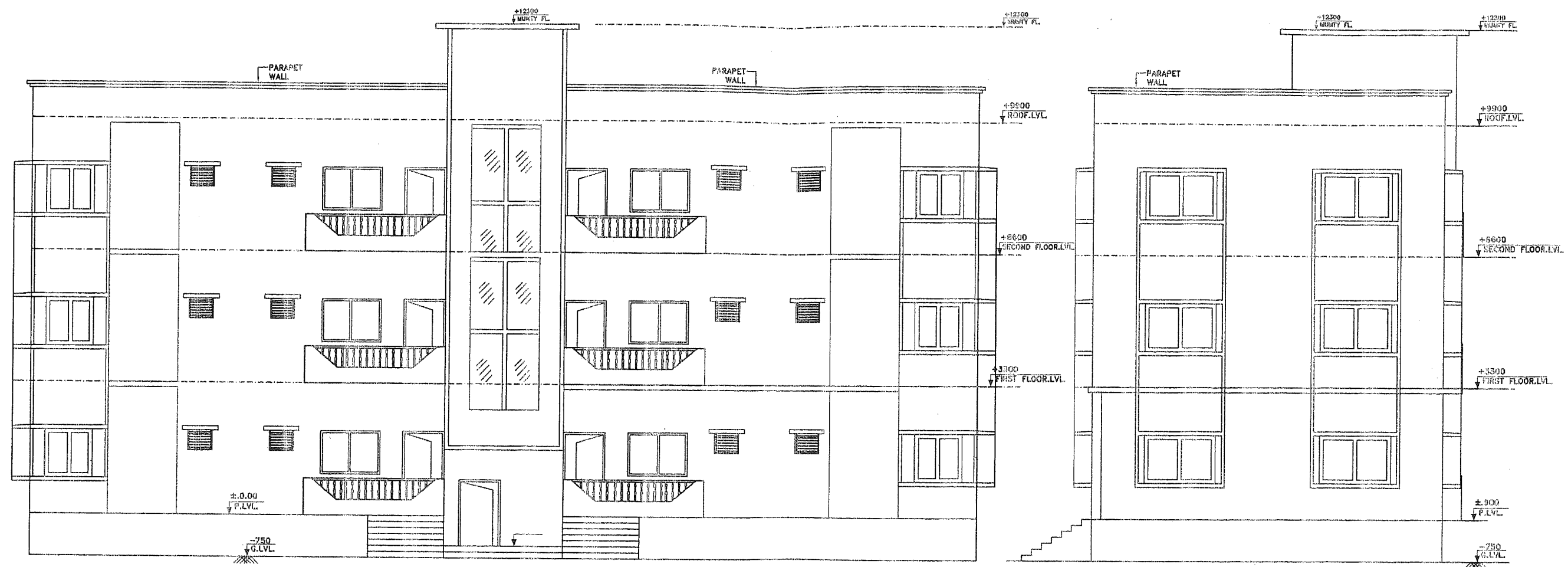
Date:-
28.01.16

Santosh Kumar
D.M.C

Architect

Sr. Architect

Bihar State Educational
Infrastructure Development
Corporation Ltd, Patna



FRONT ELEVATION

RIGHT ELEVATION

Project:-
RESIDENTIAL BUILDING
PRINCIPAL RESIDENCE FOR
DIET, PTEC, CTE & BITE

Sheet Title:
ELEVATION

Date:-
28.01.16

Santosh Kumar
D.M.C

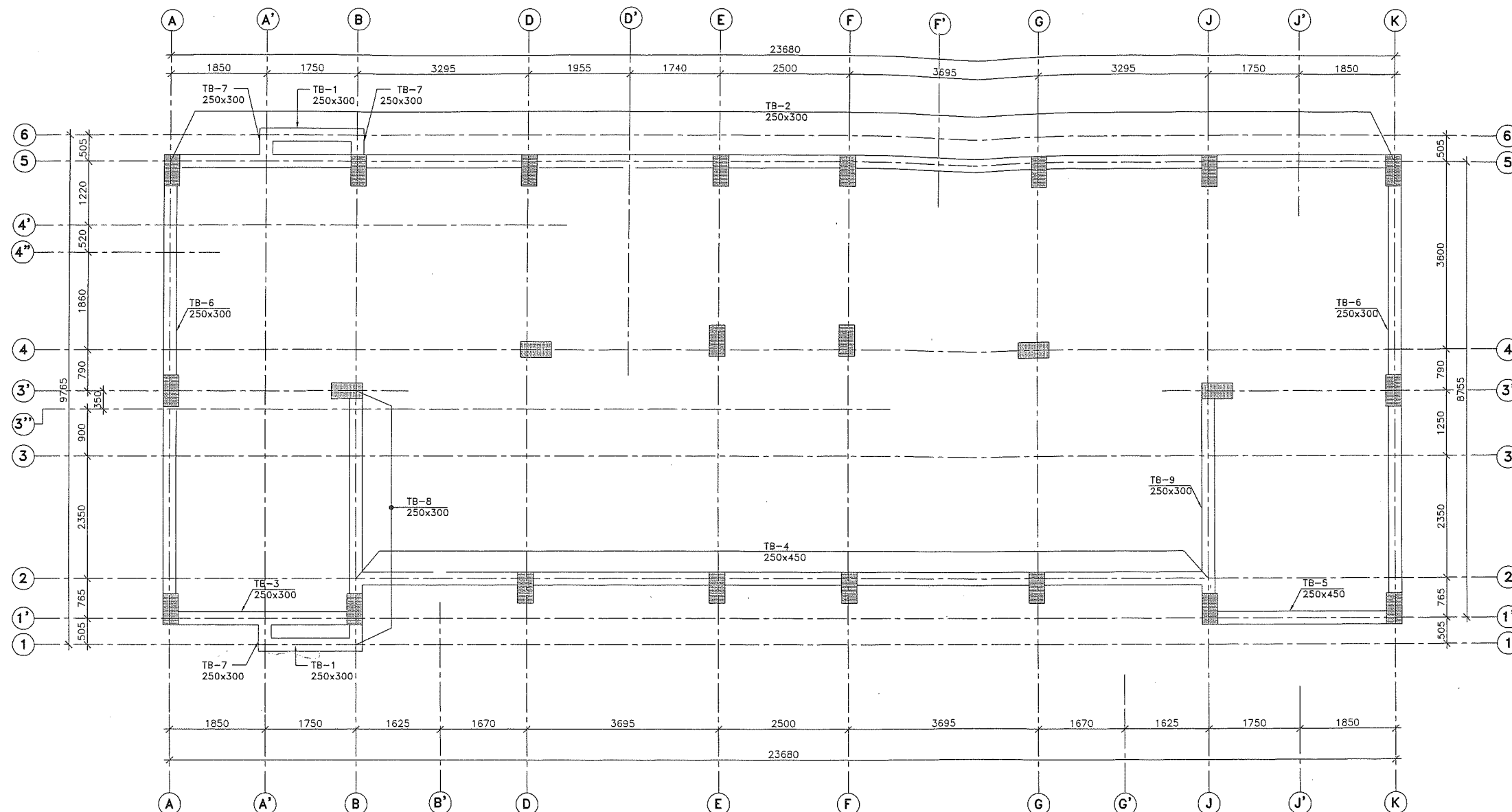
Architect

Sr. Architect

Bihar State Educational
Infrastructure Development
Corporation Ltd, Patna

ZONE-V

7T/m²

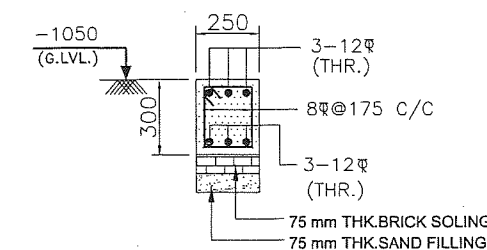


LAYOUT PLAN OF TIE BEAM AT LEVEL -1050

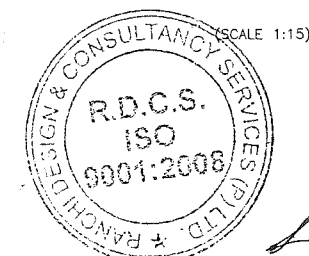
SCALE:- 1:50

SCHEDULE OF TIE BEAMS

SHUTTERING DETAILS				
BEAM MARK	QTY. (NOS.)	LENGTH (mm)	(B) WIDTH	(D) DEPTH
TB-1	2	1750	250	300
TB-2	1	23680	250	300
TB-3	1	3600	250	300
TB-4	1	16480	250	300
TB-5	1	3600	250	300
TB-6	2	8755	250	300
TB-7	3	505	250	300
TB-8	1	4870	250	300
TB-9	1	4365	250	300



R/F DETAIL OF TIE BEAM (250x300)
TB-1 TO TB-9



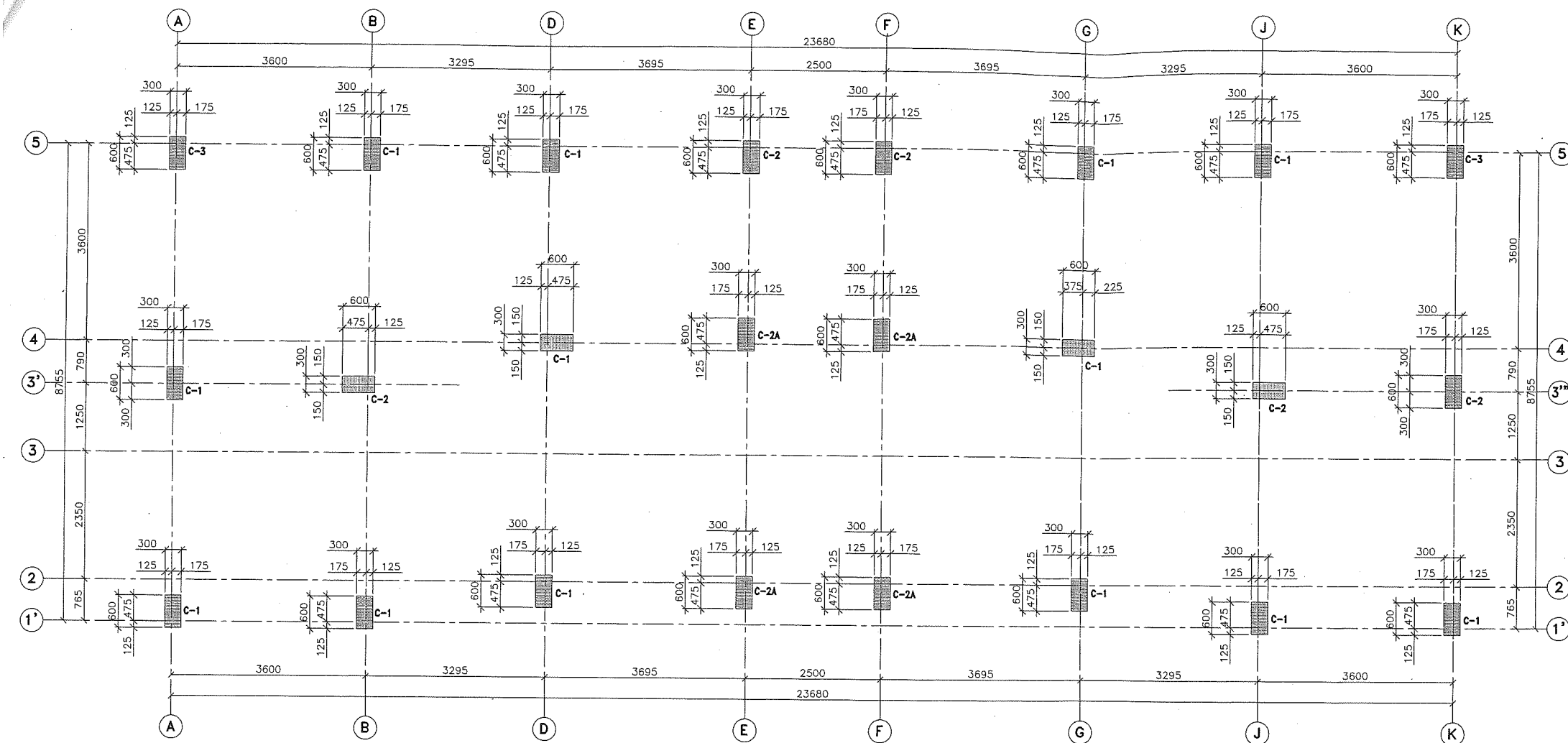
PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.		
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA		
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST. XAVIER SCHOOL DORANDA, RANCHI-834002		
CHECKED & APPROVED	S.L. GOPE	LAYOUT PLAN OF PLINTH BEAM AT LEVEL -1050	
DESIGN BY	NAJIYA		
DRAWN BY	PRADEEP		
SIZE-A1	SCALE AS SHOWN	DRG. NO.-RDCS/BSEIDC/0033/PSQ/003	SHEET 1 OF 1
		RFV R=0	

NOTES:-

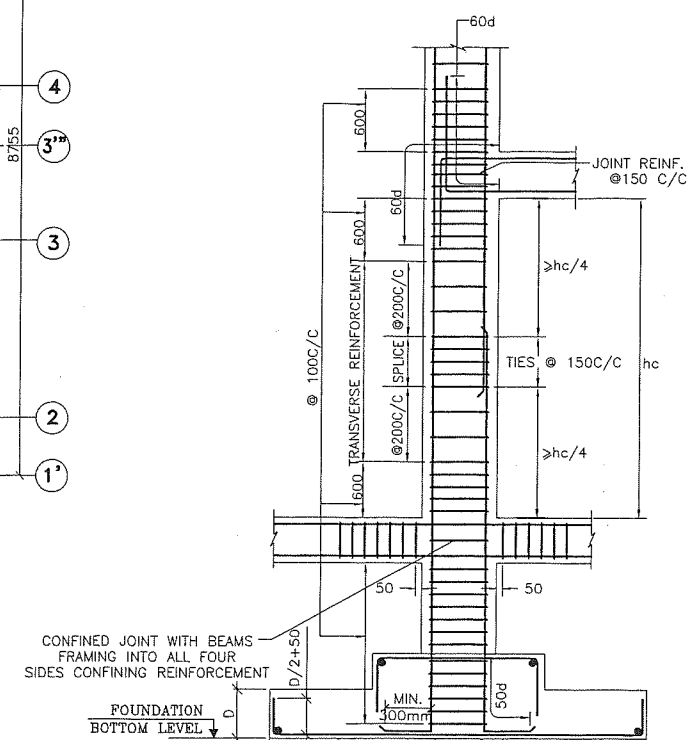
- ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
- ±0.00 LEVEL CORRESPONDS TO PLINTH LEVEL (P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL (G.L.).
- FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO.-RDCS/BSEIDC/0033/PSQ/001

- ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
- ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
- LAP LENGTH, 50xdia OF BAR SHALL BE PROVIDED.
- CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.
- (a) BEAM - 30mm

ZONE-V

m²

LAYOUT PLAN OF COLUMN
(SCALE 1:50)



COLUMN AND JOINT DETAILING
DETAIL 'Z'

SCHEDULE OF COLUMN

SL. NO.	TYPE	HEIGHT	SECTION & REINFORCEMENT	SL. NO.	TYPE	HEIGHT	SECTION & REINFORCEMENT	SL. NO.	TYPE	HEIGHT	SECTION & REINFORCEMENT	SL. NO.	TYPE	HEIGHT	SECTION & REINFORCEMENT
1	C-1 (13 NOS.)	FROM FDN. LEVEL (-3050) TO UPTO ROOF LEVEL(+9900)	300 600 2-20φ 2-20φ 8φ (SPACING AS PER DETAIL 'Z') 3-20φ	2	C-2 (5 NOS.)	FROM FDN. LEVEL (-3050) TO UPTO ROOF LEVEL(+9900)	300 600 2-25φ 2-20φ 8φ (SPACING AS PER DETAIL 'Z') 1-20φ 2-25φ	3	C-2A (4 NOS.)	FROM FDN. LEVEL (-3050) TO UPTO MUMMY ROOF LEVEL(+12300)	300 600 2-25φ 2-20φ 8φ (SPACING AS PER DETAIL 'Z') 3-25φ	4	C-3 (2 NOS.)	FROM FDN. LEVEL (-3050) TO UPTO ROOF LEVEL(+9900)	300 600 2-20φ 2-16φ 8φ (SPACING AS PER DETAIL 'Z') 1-16φ 2-20φ

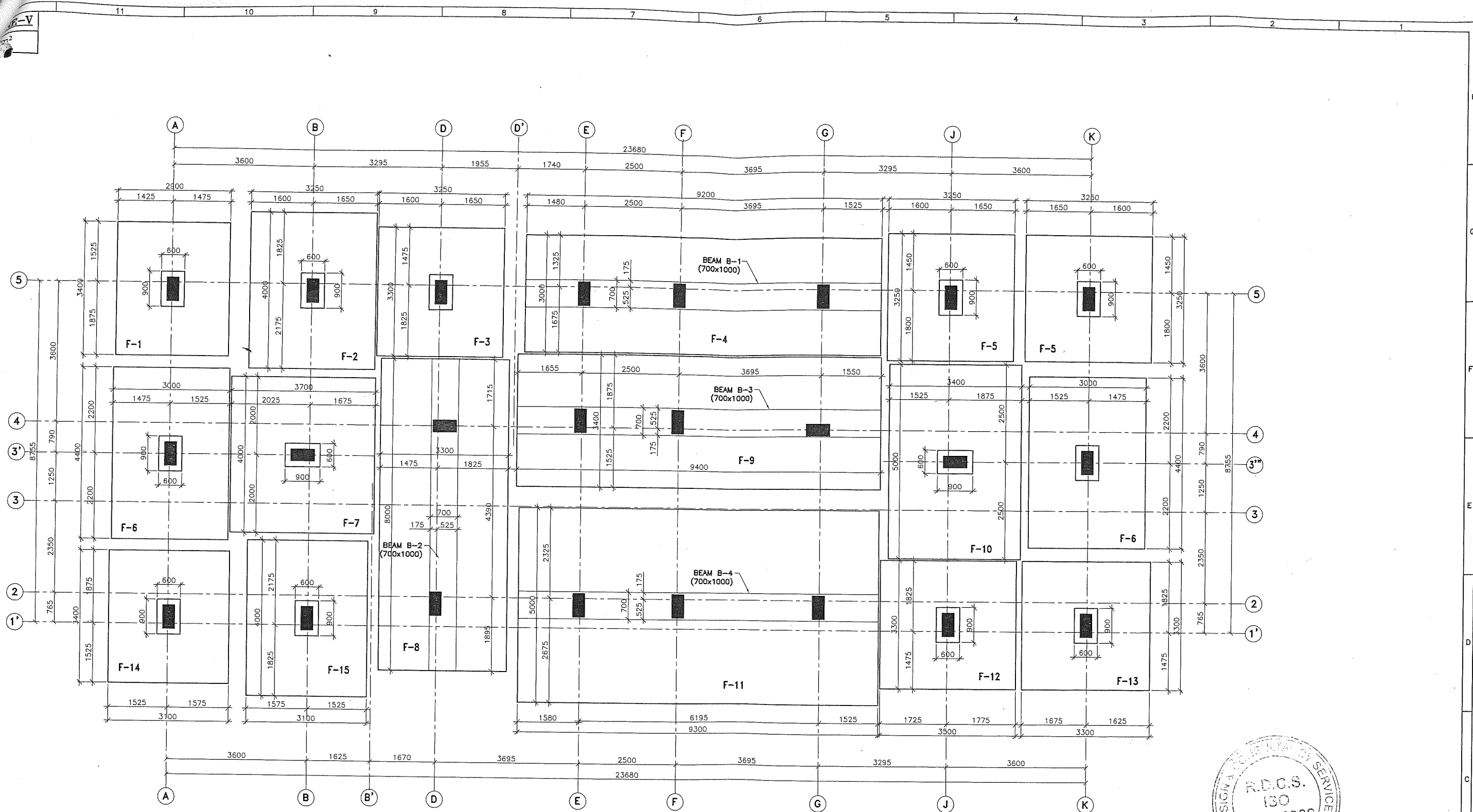
NOTES:-

1. ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
2. ±0.00 LEVEL CORRESPONDS TO PLINTH LEVEL(P.L.) OF BUILDING. WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL(G.L.).

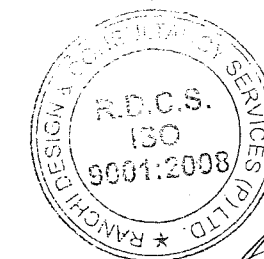
4. ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
5. ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
6. LAP LENGTH, 50xdia OF BAR SHALL BE PROVIDED.
7. CLEAR SPACING TO R/F. SHALL BE AS FOLLOWS.

PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI-834002
CHECKED & APPROVED	S.L.GOPE
DESIGN BY	NAJYA
DRAWN BY	PRADEEP

LAYOUT PLAN & R/F DETAIL OF COLUMN



LAYOUT PLAN OF FOUNDATION
(SCALE 1:50)



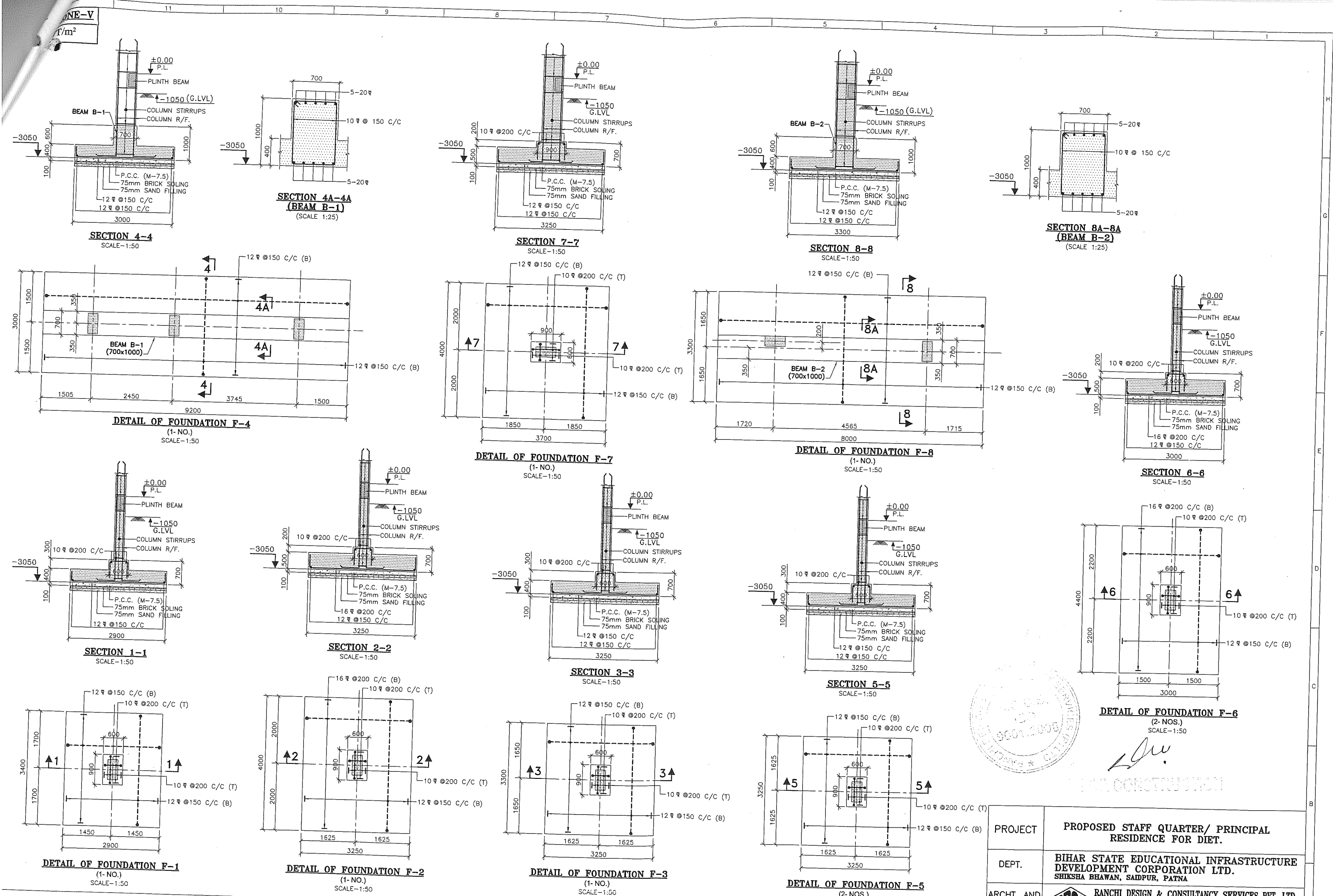
ISSUED FOR CONSTRUCTION

PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.		
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA		
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI-834002		
CHECKED & APPROVED	S.L.GOPE	LAYOUT PLAN OF FOUNDATION	
DESIGN BY	NAJIYA		
DRAWN BY	PRADEEP		
SIZE-A1	SCALE AS SHOWN	DRG. NO.-RDCS/BSEIDC/9033/PSQ/005	SHEET 1 OF 3
		REV R=0	

NOTES:-

- ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
- ±0.00 LEVEL CORRESPONDS TO PLINTH LEVEL(P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL(G.L.).
- FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO.-RDCS/BSEIDC/9033/PSQ/001
- ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
- ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
- LAP LENGTH, 50xDia OF BAR SHALL BE PROVIDED.
- CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.
(a) FDN. - 50mm (b) COL. - 40mm (c) BEAM - 30mm

DESCRIPTION	DATE	BY
12	11	10
9	8	7
6	5	4
3	2	1



PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI-834002
CHECKED & APPROVED	S.L.GOPE
DESIGN BY	NAJIYA
DRAWN BY	PRADEEP
SCALE	

REIN. DETAIL OF FOUNDATION F-1 TO F-6

NOTES:-

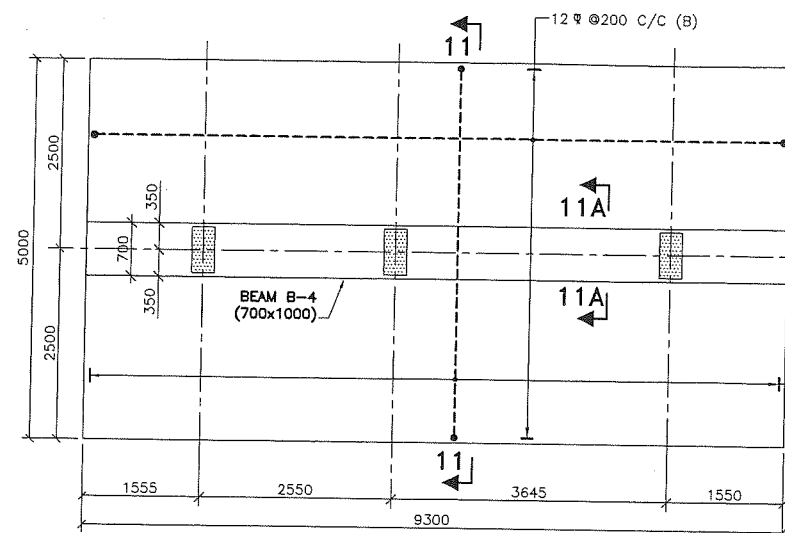
1. ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
2. ± 0.00 LEVEL CORRESPONDS TO PLINTH LEVEL(P.L.) OF BUILDING. WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL(G.L.).
3. FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO.-RDCS/BSEIDC/00.33/PSQ/001

4. ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
5. ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
6. LAP LENGTH, 50xDia OF BAR SHALL BE PROVIDED.
7. CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.

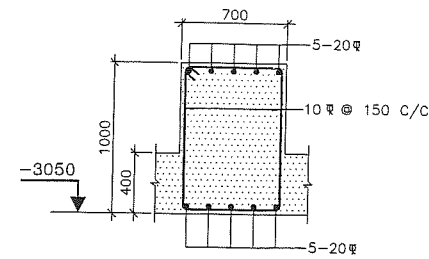
DESCRIPTION	DATE	BY
12		
11		
10		

ONE-V

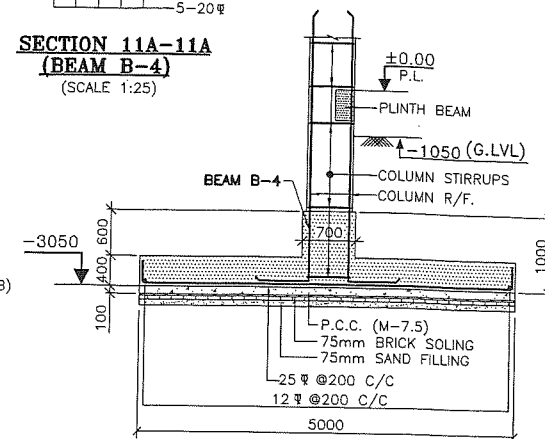
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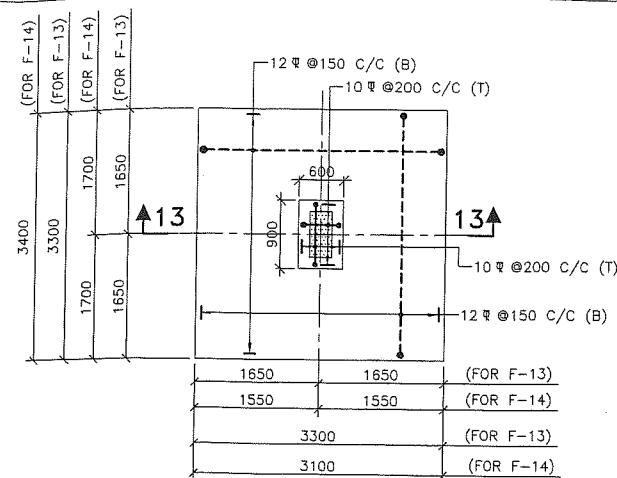
DETAIL OF FOUNDATION F-11
(1-NO.)
SCALE-1:50



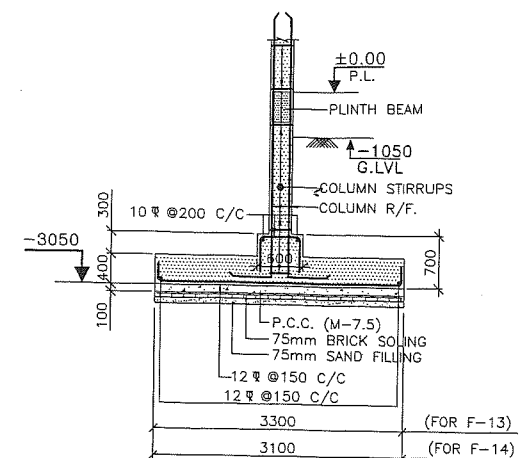
SECTION 11A-11A
(BEAM B-4)
(SCALE 1:25)



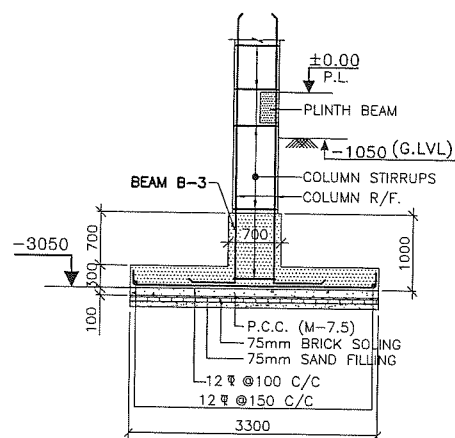
SECTION 11-11
SCALE-1:50



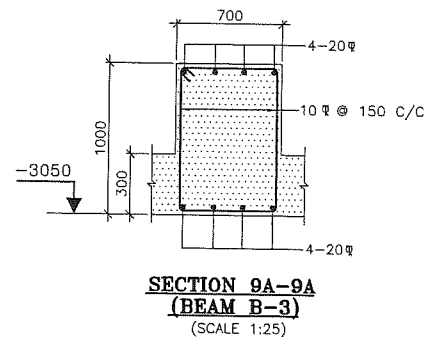
DETAIL OF FOUNDATION F-13 & F-14
(1+1=2 NOS.)
SCALE-1:50



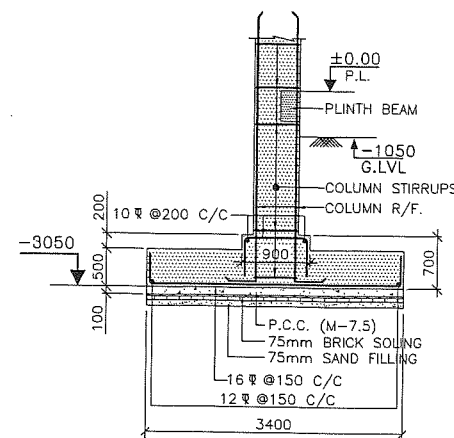
SECTION 13-13
SCALE-1:50



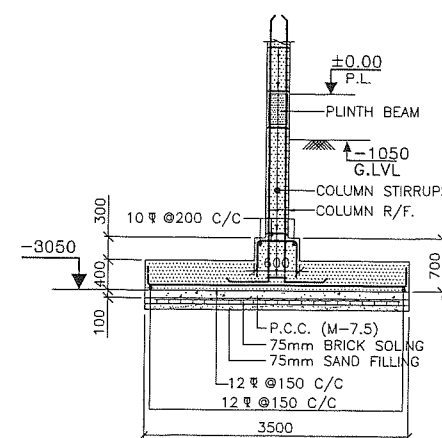
SECTION 9-9
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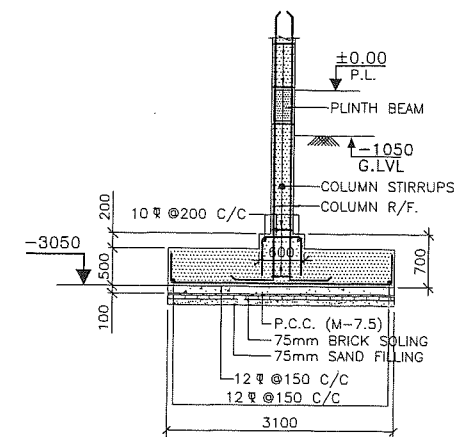
SECTION 9A-9A
(BEAM B-3)
(SCALE 1:25)



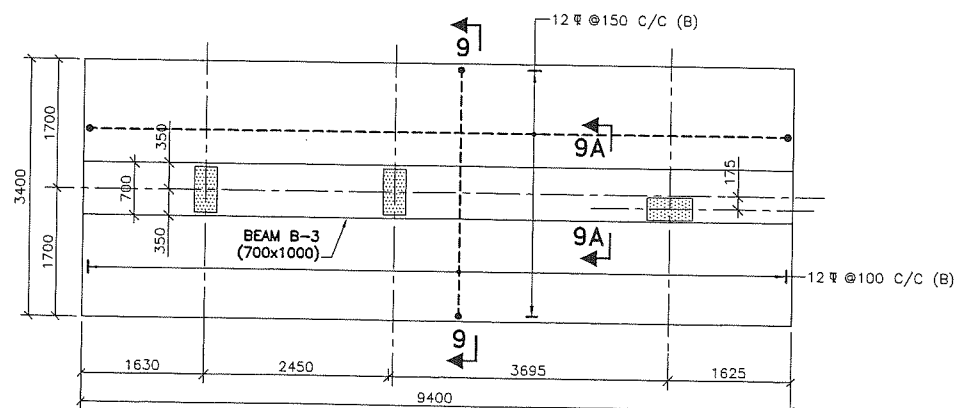
SECTION 10-10
SCALE-1:50



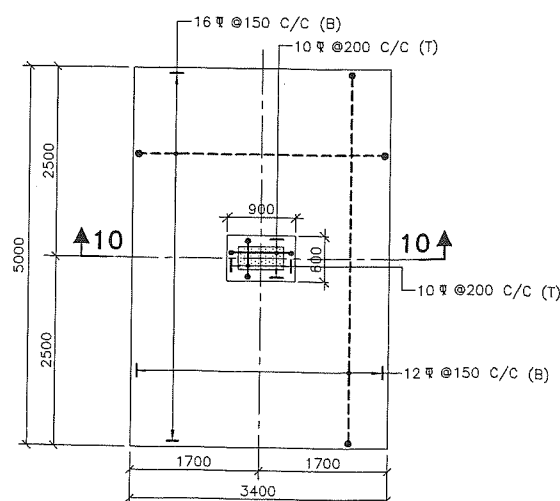
SECTION 12-12
SCALE-1:50



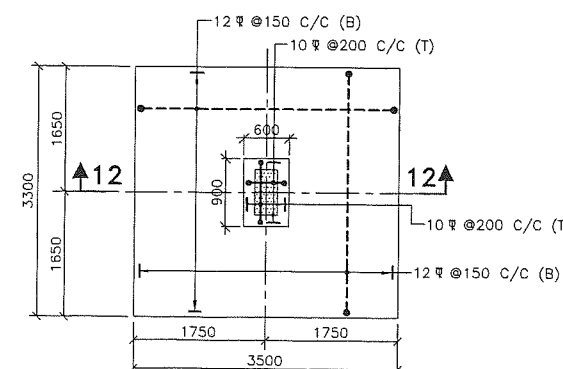
SECTION 15-15
SCALE-1:50



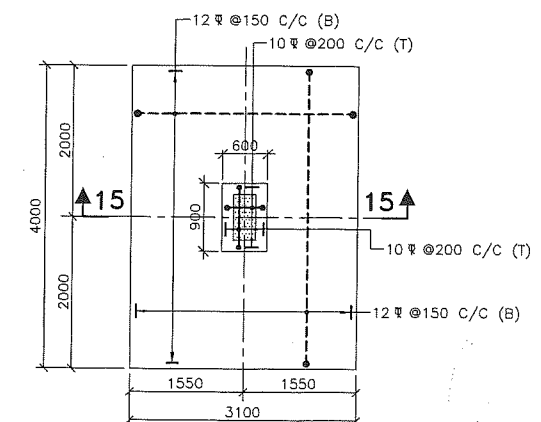
DETAIL OF FOUNDATION F-9
(1-NO.)
SCALE-1:50



DETAIL OF FOUNDATION F-10
(1-NO.)
SCALE-1:50



DETAIL OF FOUNDATION F-12
(1-NO.)
SCALE-1:50



DETAIL OF FOUNDATION F-15
(1-NO.)
SCALE-1:50

PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI-834002
CHECKED & APPROVED	S.L.GOPE
DESIGN BY	NAJIYA
DRAWN BY	PRADEEP

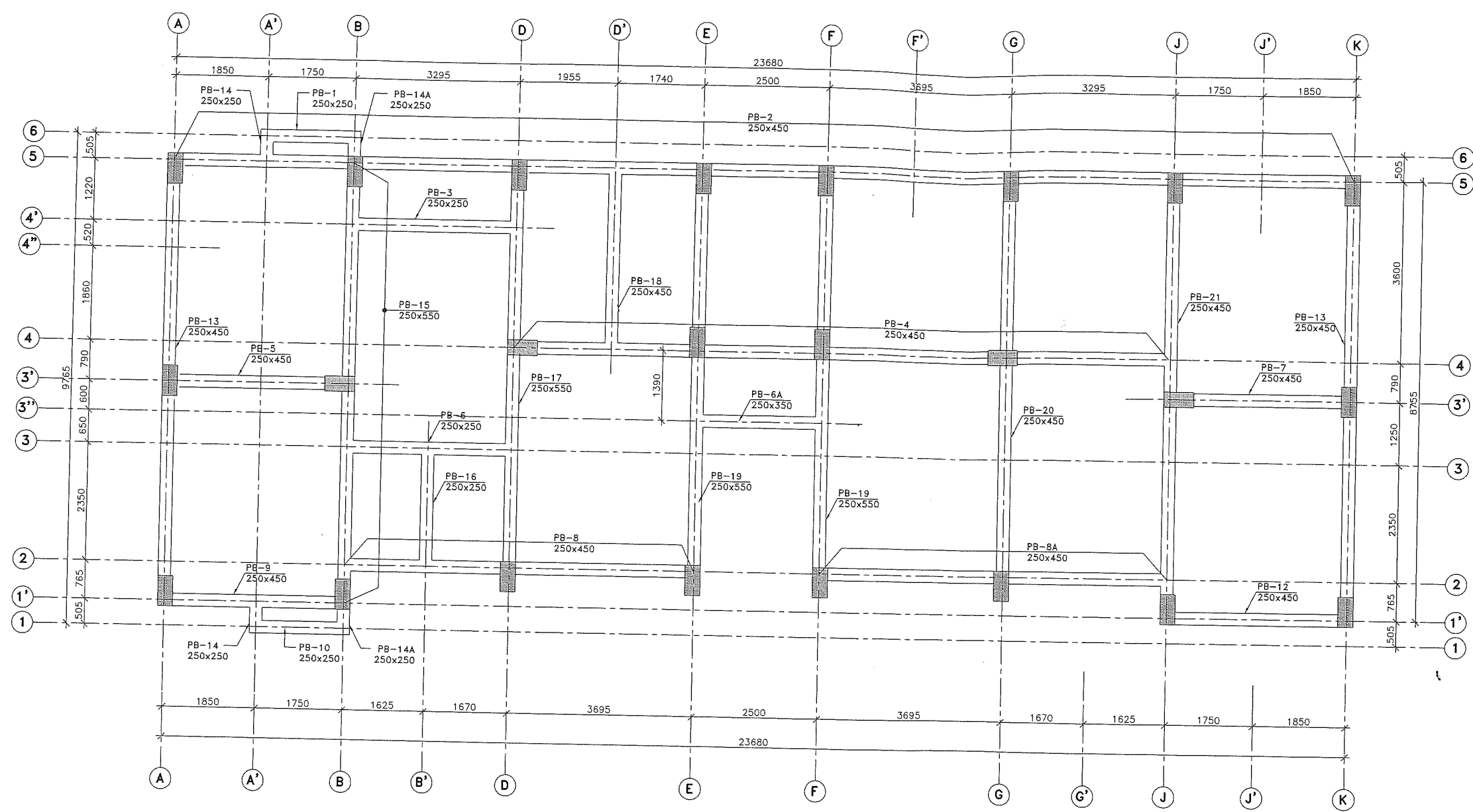
REINF. DETAIL OF FOUNDATION F-9 TO F-15

NOTES:-

1. ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
2. ±0.00 LEVEL CORRESPONDS TO PLINTH LEVEL(P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL(G.L.).

4. ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
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6. LAP LENGTH, 50xDia OF BAR SHALL BE PROVIDED.

ONE-V
T/m²



LAYOUT PLAN OF PLINTH BEAM AT LEVEL ±0.00
SCALE: - 1:50

SCHEDULE OF PLINTH BEAMS				
SHUTTERING DETAILS				
BEAM MARK	QTY. (NOS.)	LENGTH (mm)	(B) WIDTH	(D) DEPTH
PB-1	1	1750	250	250
PB-2	1	23680	250	450
PB-3	1	3295	250	250
PB-4	1	13185	250	450
PB-5	1	3600	250	450
PB-6	1	3295	250	250
PB-6A	1	2500	250	350
PB-7	1	3600	250	450
PB-8	1	6990	250	450
PB-8A	1	6990	250	450
PB-9	1	3600	250	450
PB-10	1	1750	250	250
PB-11				
PB-12	1	3600	250	450
PB-13	2	8755	250	450
PB-14	2	505	250	250
PB-14A	2	505	250	250
PB-15	1	8755	250	550
PB-16	1	2350	250	250
PB-17	1	7990	250	550
PB-18	1	3600	250	450
PB-19	2	9260	250	550
PB-20	1	7990	250	600
PB-21	1	8755	250	450



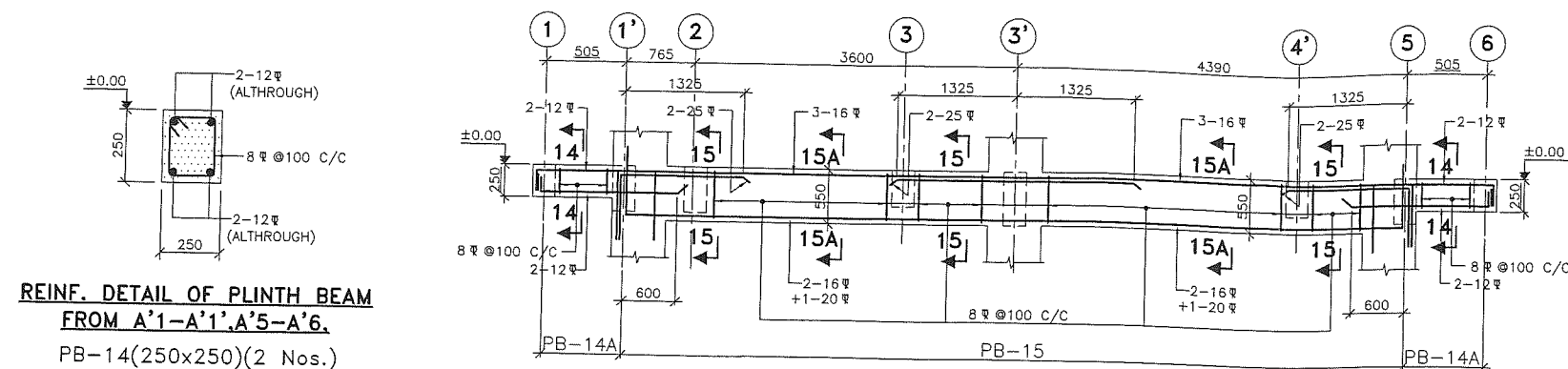
ISSUED FOR CONSTRUCTION

PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI-834002
CHECKED & APPROVED	S.L.GOPE
DESIGN BY	NAJIYA
DRAWN BY	PRADEEP

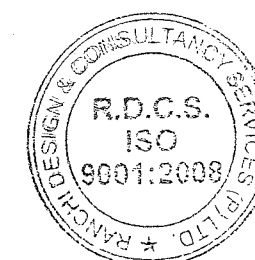
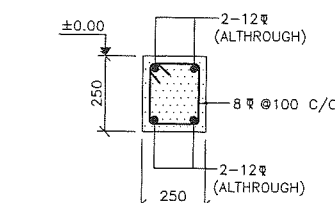
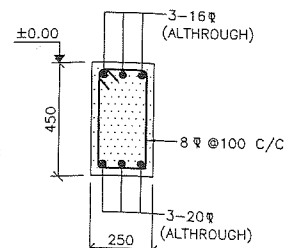
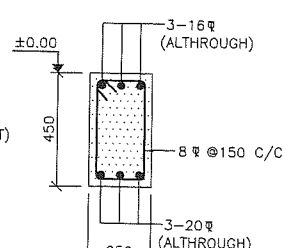
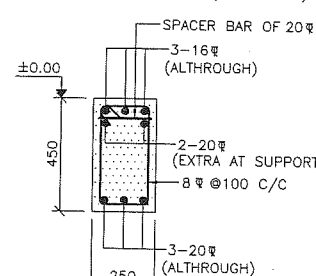
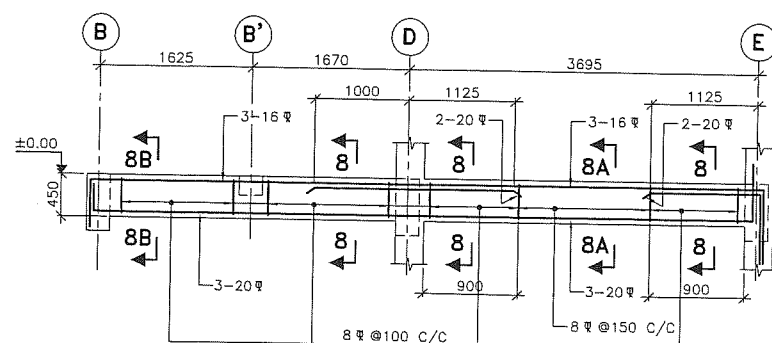
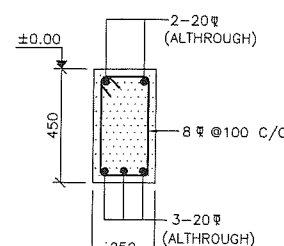
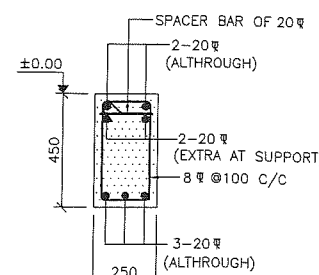
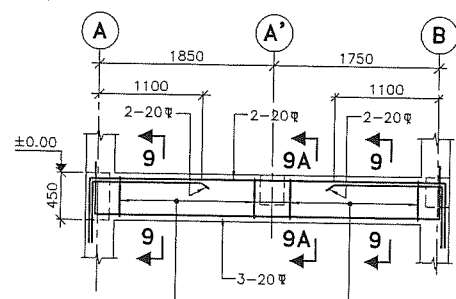
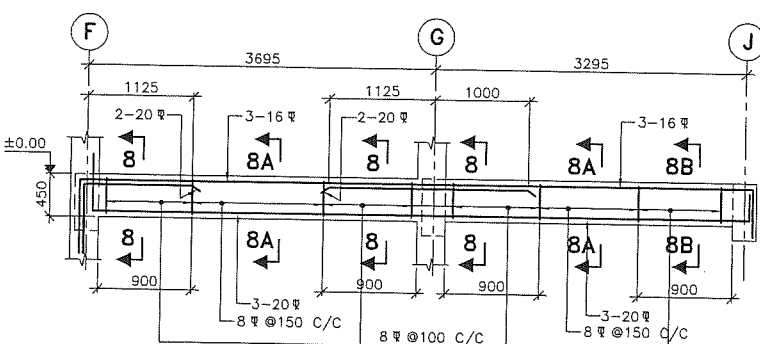
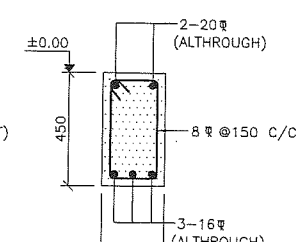
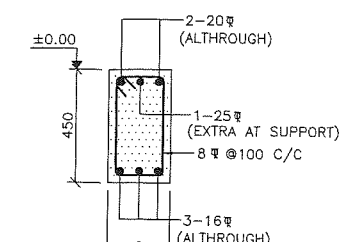
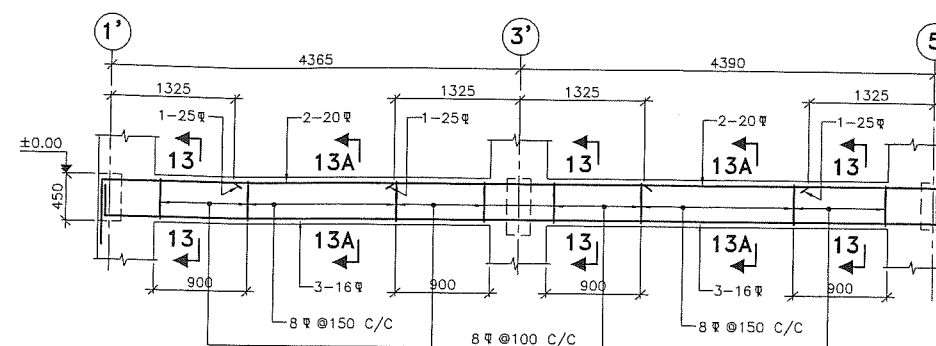
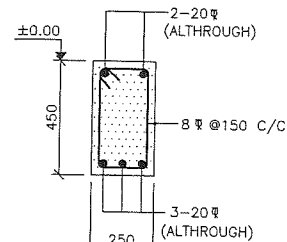
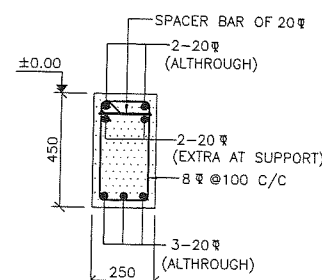
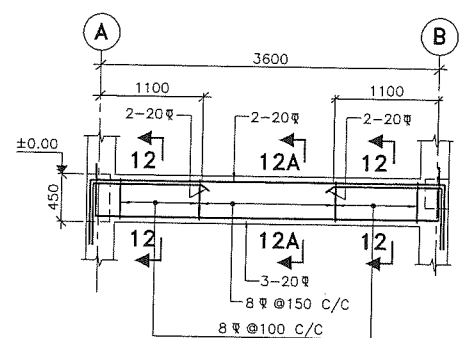
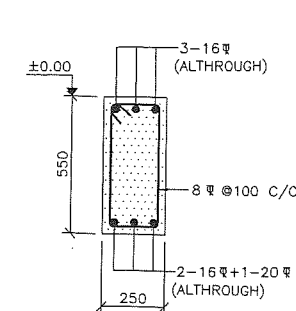
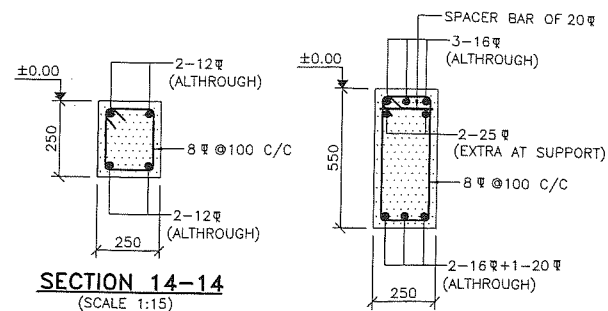
SCALE	SCALE
S17F-A1	SCALE

- NOTES:-
1. ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
 2. ±0.00 LEVEL CORRESPONDS TO PLINTH LEVEL (P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL (G.L.).
 3. FOR GA & ARCHITECTURAL DRGS. REFER DRG NO -RDCS/BSEIDC/0033/PSQ/001
 4. ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
 5. ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
 6. LAP LENGTH, 50xdia OF BAR SHALL BE PROVIDED.
 7. CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.

ONE-V

/m²

REIN. DETAIL OF PLINTH BEAM FROM B1-B6
PB-14A(250x250) & PB-15(250x550)(2+1=3 Nos.)
(SCALE 1:40)

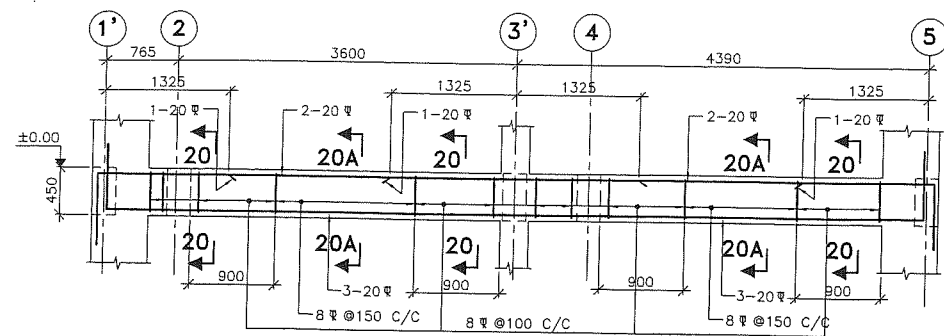


PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST. XAVIER SCHOOL DORANDA, RANCHI-834002
CHECKED & APPROVED	S.L. GOPE
DESIGN BY	NAIYA
DRAWN BY	PRADDEEP
SIZE-A1	SCALE AS SHOWN
REIN. DETAIL OF PLINTH BEAMS PB-8, PB-8A, PB-9 TO PB-14, PB-14A & PB-15	
DRG. NO. - RDCS/BSFIDC/0033/PSQ/006	SHEET 3 OF 4

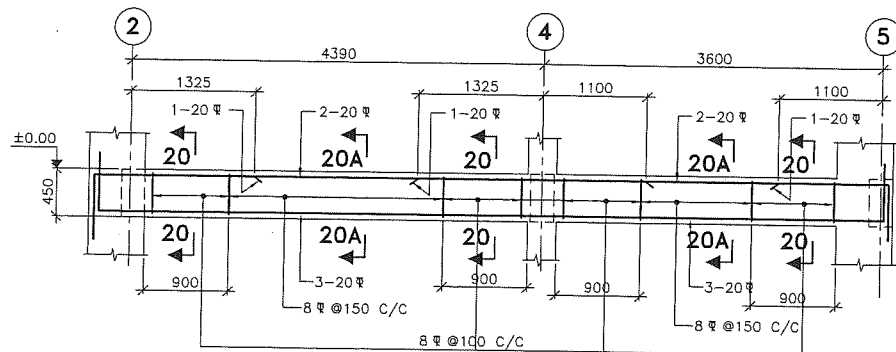
NOTES:-

- ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
- ±0.00 LEVEL CORRESPONDS TO PLINTH LEVEL (P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL (G.L.).
- FOR GA & ARCHITECTURAL DRGS REFER DRG. NO. - RDCS/BSFIDC/0033/PSQ/001

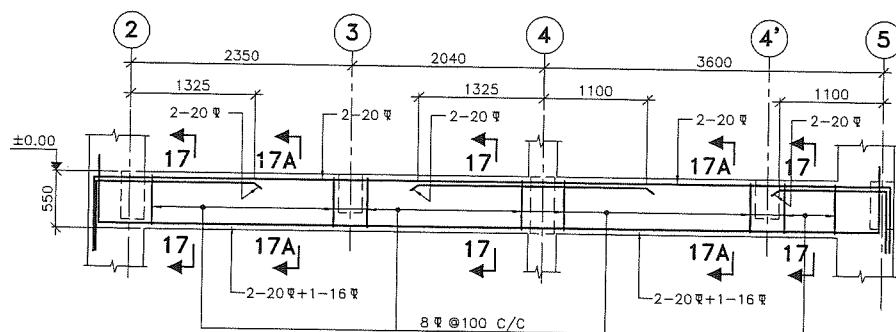
- ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
- ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
- LAP LENGTH, 50x dia OF BAR SHALL BE PROVIDED.
- CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.
- (a) BEAM - 30mm



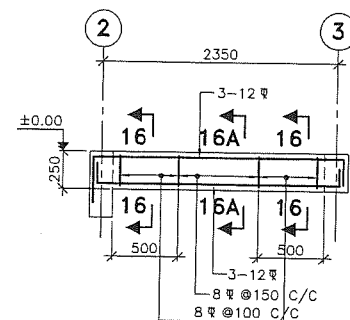
REINF. DETAIL OF PLINTH BEAM FROM J1'-J5
PB-21(250x450)(1 No.)
(SCALE 1:40)



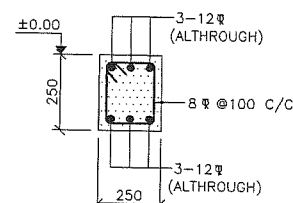
REINF. DETAIL OF PLINTH BEAM FROM G2-G5
PB-20(250x450)(1 No.)
(SCALE 1:40)



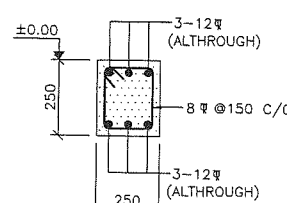
REINF. DETAIL OF PLINTH BEAM FROM D2-D5
PB-17(250x550)(1 No.)
(SCALE 1:40)



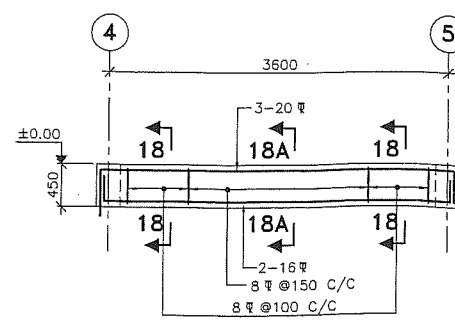
REINF. DETAIL OF PLINTH BEAM
FROM B'2-B'3
PB-16(250x250)(1 No.)
(SCALE 1:40)



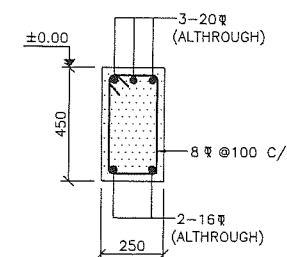
SECTION 16-16
(SCALE 1:15)



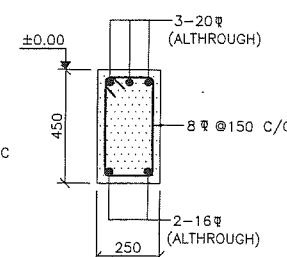
SECTION 16A-16A
(SCALE 1:15)



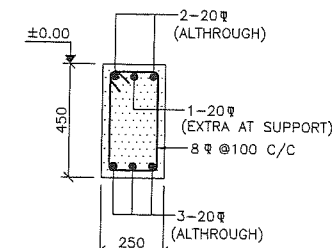
REINF. DETAIL OF PLINTH BEAM
FROM D'4-D'5
PB-18(250x450)(1 No.)
(SCALE 1:40)



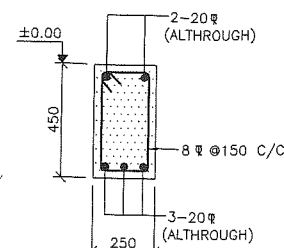
SECTION 18-18
(SCALE 1:15)



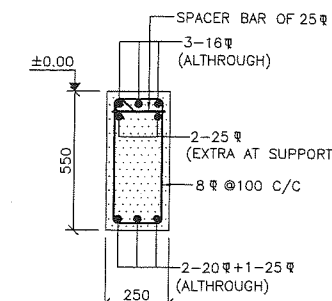
SECTION 18A-18A
(SCALE 1:15)



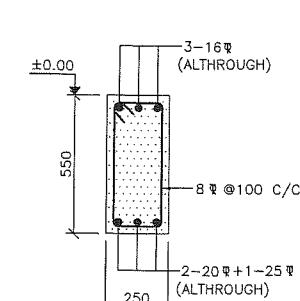
SECTION 20-20
(SCALE 1:15)



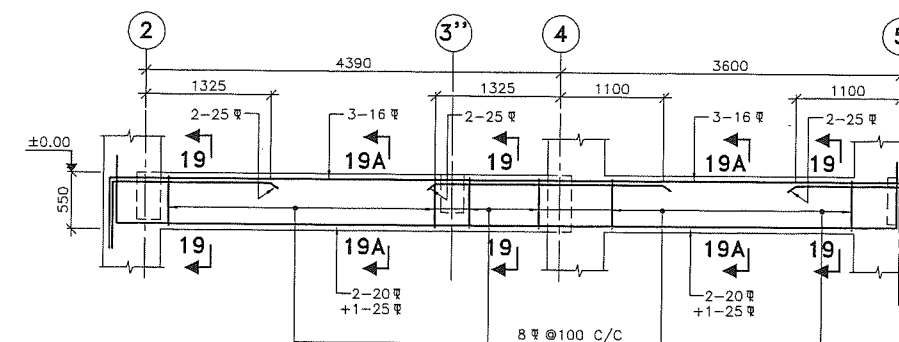
SECTION 20A-20A
(SCALE 1:15)



SECTION 19-19
(SCALE 1:15)



SECTION 19A-19A
(SCALE 1:15)



REINF. DETAIL OF PLINTH BEAM FROM E2-E5 & F2-F5
PB-19(250x550)(2 Nos.)
(SCALE 1:40)

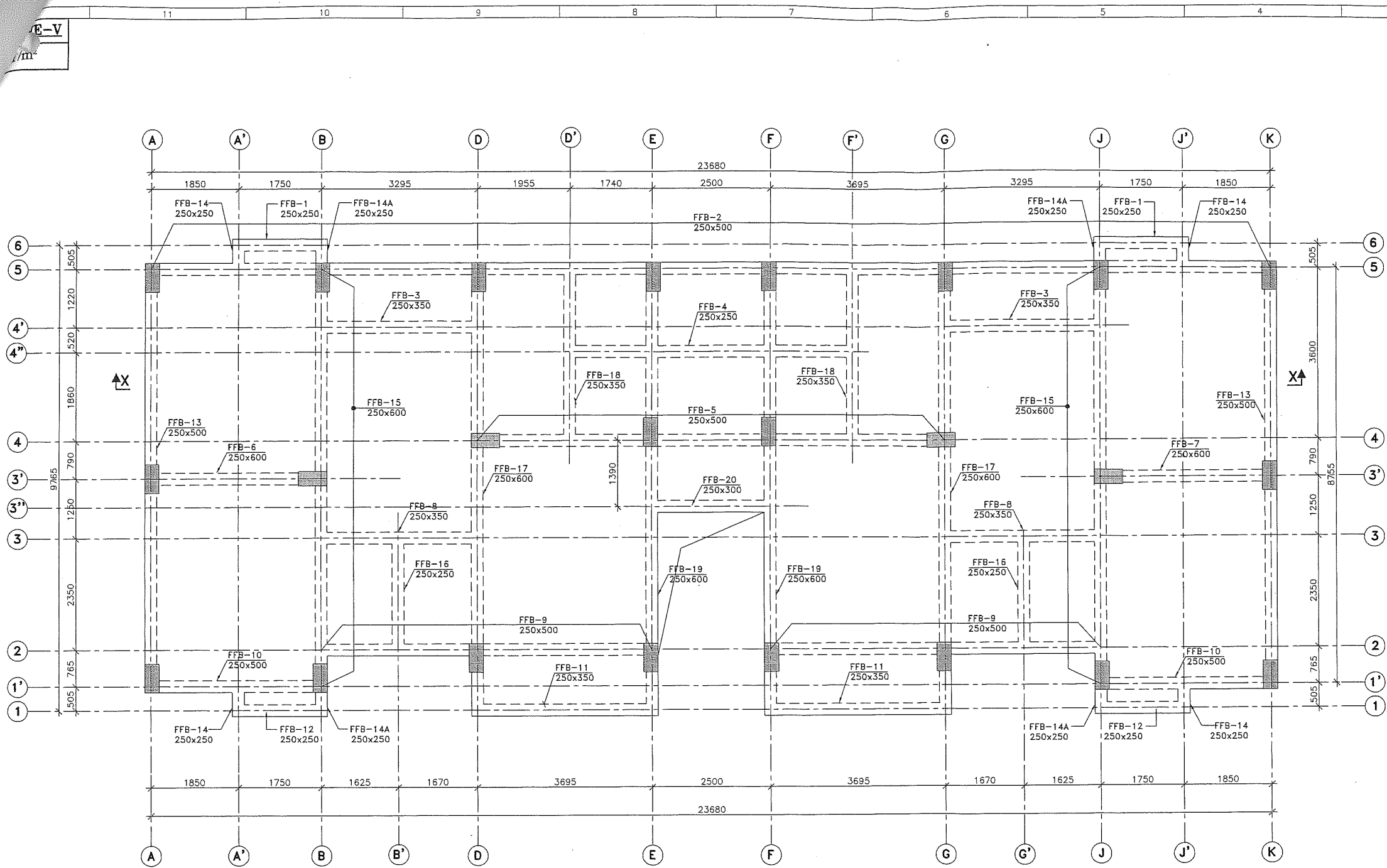
ISSUED FOR CONSTRUCTION

PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST. XAVIER SCHOOL DORANDA, RANCHI-834002
CHECKED & APPROVED	S.L. GOPE
DESIGN BY	NAIYA
DRAWN BY	PRADEEP
SIZE-A1	SCALE AS SHOWN
REINF. DETAIL OF PLINTH BEAMS PB-16 TO PB-21	
DRG. NO.-RDCS/BSEIDC/0033/PSQ/006	SHEET 4 OF 4
RFP	R=0

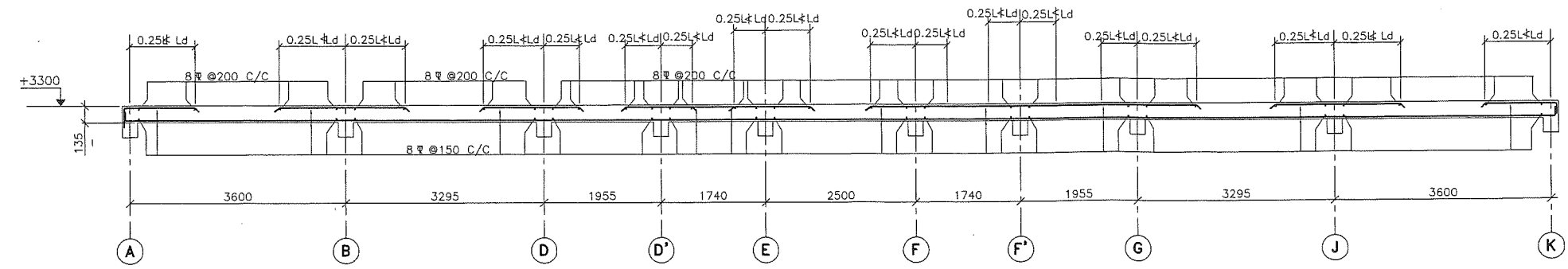
NOTES:-

- ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
- ±0.00 LEVEL CORRESPONDS TO PLINTH LEVEL (P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL (G.L.).
- FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO.-RDCS/BSEIDC/0033/PSQ/001

- ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
- ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
- LAP LENGTH, 50x dia OF BAR SHALL BE PROVIDED.
- CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.
(a) BEAM - 30mm

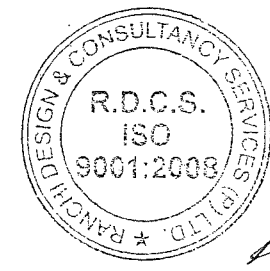


LAYOUT PLAN OF FIRST FLOOR BEAM AT LEVEL +3300
SCALE:- 1:50



SECTION X-X
(SCALE 1:50)

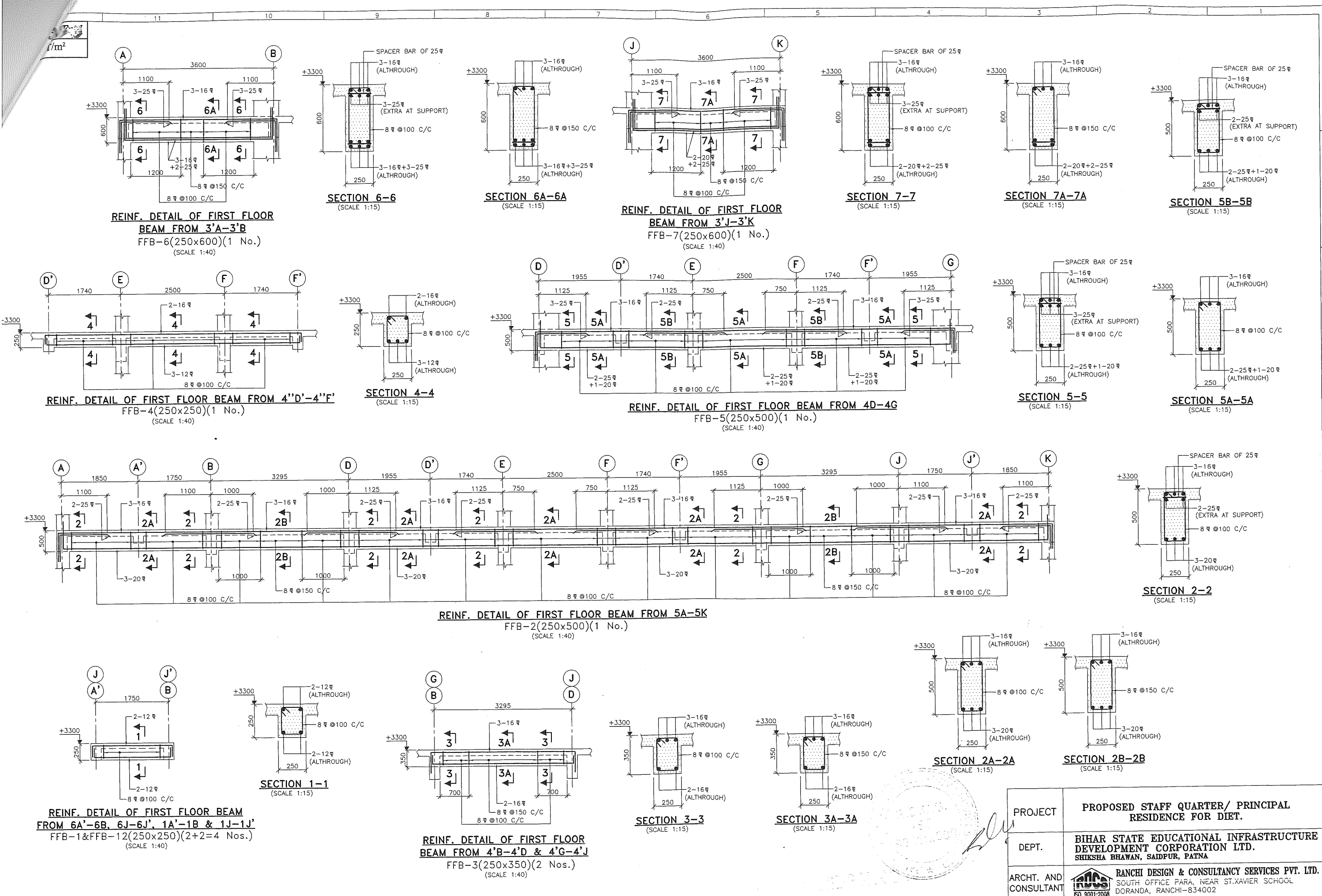
SCHEDULE OF 1st FLOOR BEAMS				
SHUTTERING DETAILS				
BEAM MARK	QTY. (NOS.)	LENGTH (mm)	(B) WIDTH	(D) DEPTH
FFB-1	2	1750	250	250
FFB-2	1	23680	250	500
FFB-3	2	3295	250	350
FFB-4	1	5980	250	250
FFB-5	1	9890	250	500
FFB-6	1	3600	250	600
FFB-7	1	3600	250	600
FFB-8	2	3295	250	350
FFB-9	2	6990	250	500
FFB-10	2	3600	250	500
FFB-11	2	3695	250	350
FFB-12	2	1750	250	250
FFB-13	2	8755	250	500
FFB-14	4	505	250	250
FFB-14A	4	505	250	250
FFB-15	2	8755	250	600
FFB-16	2	2350	250	250
FFB-17	2	9260	250	600
FFB-18	2	3600	250	350
FFB-19	2	9260	250	600
FFB-20	1	2500	250	300



PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.		
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA		
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI-834002		
CHECKED & APPROVED	S.L.GOPE	LAYOUT PLAN OF FIRST FLOOR BEAM AND REINF. DETAIL OF FIRST FLOOR SLAB AT LEVEL +3300	
DESIGN BY	NAIYA		
DRAWN BY	PRADEEP		
SIZE-A1	SCALE AS SHOWN	DRG. NO.-RDCS/BSEIDC/0033/PSQ/007	SHEET 1 OF 4
			RFV R=0

NOTES:-

- ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
- 1.0.00 LEVEL CORRESPONDS TO PLINTH LEVEL(P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL(G.L.).
- FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO.-RDCS/BSEIDC/0033/PSQ/001
- ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
- ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
- LAP LENGTH, 50xDia OF BAR SHALL BE PROVIDED.
- CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.
(a) SLAB - 20mm (b) BEAM - 30mm

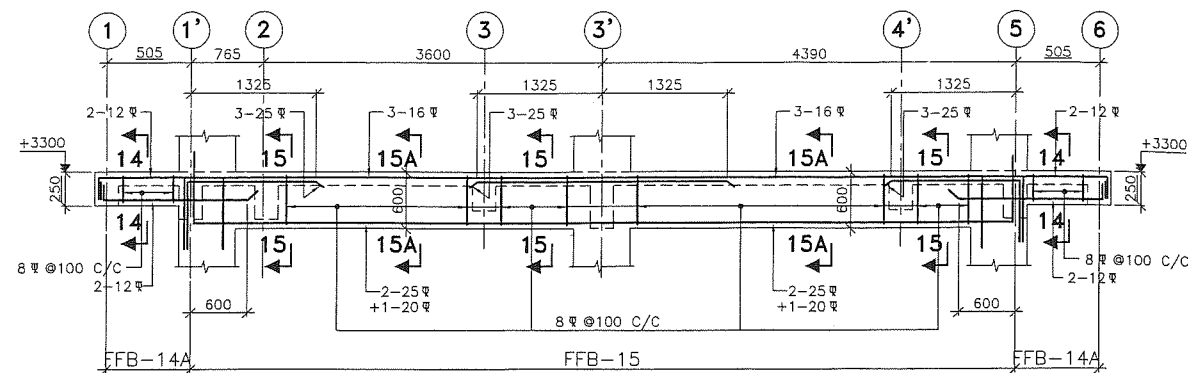


NOTES:-

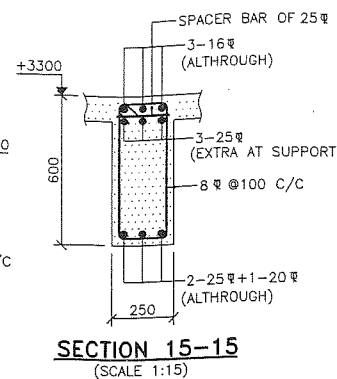
- ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
- 1.0.00 LEVEL CORRESPONDS TO PLINTH LEVEL(P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL(G.L.).
- FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO. -RDCS/BSEIDC/0033/PSQ/001

- ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
- ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
- LAP LENGTH, 50xDia OF BAR SHALL BE PROVIDED.
- FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO. -RDCS/BSEIDC/0033/PSQ/001
- FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO. -RDCS/BSEIDC/0033/PSQ/001
- FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO. -RDCS/BSEIDC/0033/PSQ/001
- FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO. -RDCS/BSEIDC/0033/PSQ/001

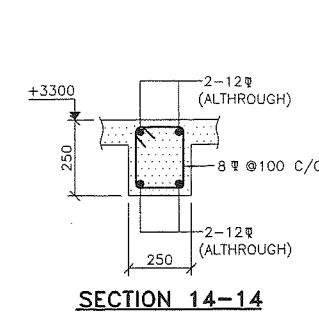
PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST. XAVIER SCHOOL DORANDA, RANCHI-834002
CHECKED & APPROVED	S.L.GOPE
DESIGN BY	NAIYA
DRAWN BY	PRADEEP
SIZE-A1	SCALE AS SHOWN
REIN. DETAIL OF FIRST FLOOR BEAMS FFB-1 TO FFB-12	
DRG. NO.-RDCS/BSEIDC/0033/PSQ/007	SHEET 2 OF 4
RFV	R=0



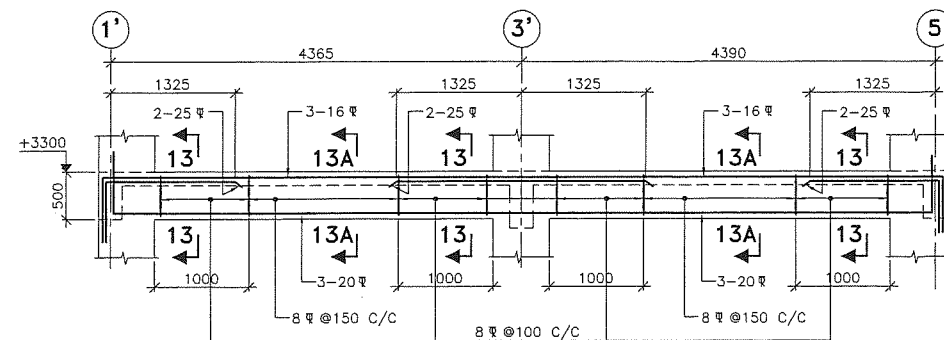
REIN. DETAIL OF FIRST FLOOR BEAM FROM B1-B6 & J1-J6
FFB-14A(250x250) & FFB-15(250x600)(4+2=6 Nos.)
(SCALE 1:40)



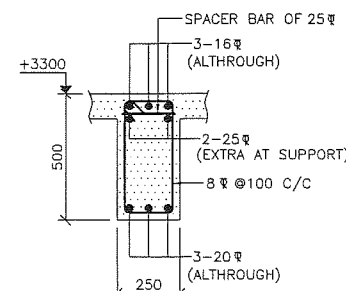
SECTION 15A-15A
(SCALE 1:15)



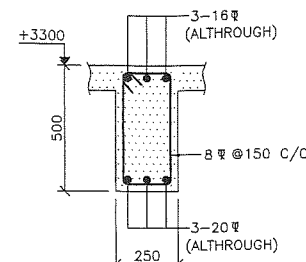
SECTION 14-14



REIN. DETAIL OF FIRST FLOOR BEAM FROM A1'-A5 & K1'-K5
FFB-13(250x500)(2 Nos.)
(SCALE 1:40)

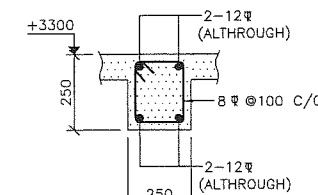


SECTION 13-13
(SCALE 1:15)



SECTION 13A-13A
(SCALE 1:15)

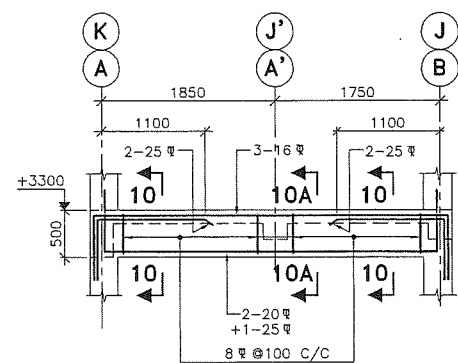
REIN. DETAIL OF FIRST FLOOR BEAM FROM
A'1-A'1', A'5-A'6, J'1-J'1', J'5-J'6.
RB-14(250x250)(4 Nos.)
(SCALE 1:15)



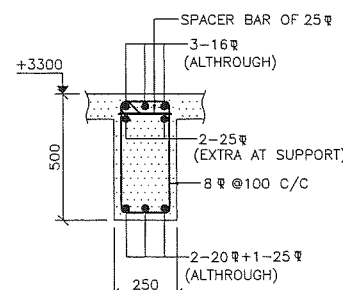
SECTION 11-11
(SCALE 1:15)



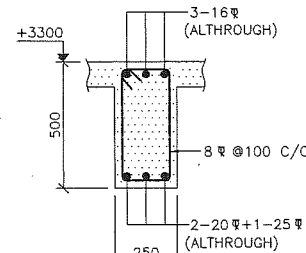
SECTION 11A-11A
(SCALE 1:15)



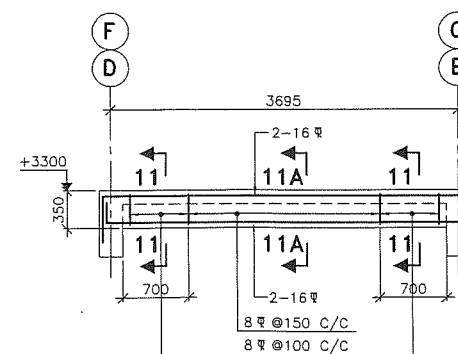
REIN. DETAIL OF FIRST FLOOR
BEAM FROM 1'A-1'B & 1'J-1'K
FFB-10(250x500)(2 Nos.)
(SCALE 1:40)



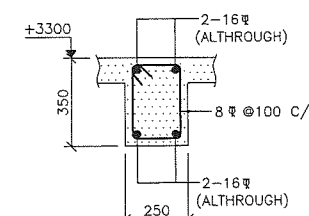
SECTION 10-10
(SCALE 1:15)



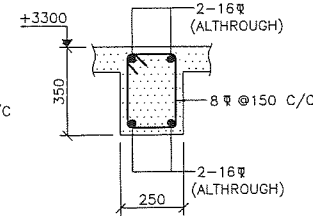
SECTION 10A-10A
(SCALE 1:15)



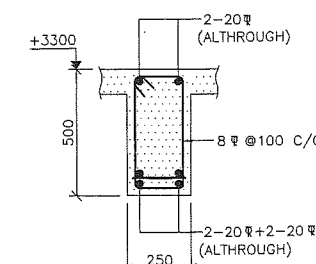
REIN. DETAIL OF FIRST FLOOR
BEAM FROM 1D-1E & 1F-1G
FFB-11(250x350)(2 Nos.)
(SCALE 1:40)



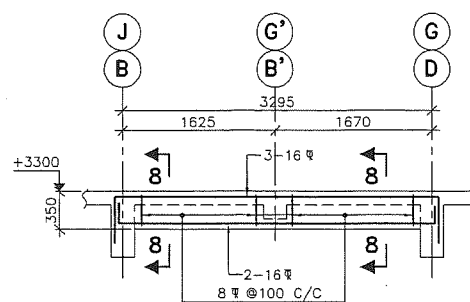
SECTION 11-11
(SCALE 1:15)



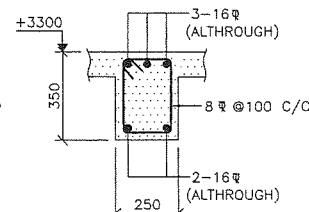
SECTION 11A-11A
(SCALE 1:15)



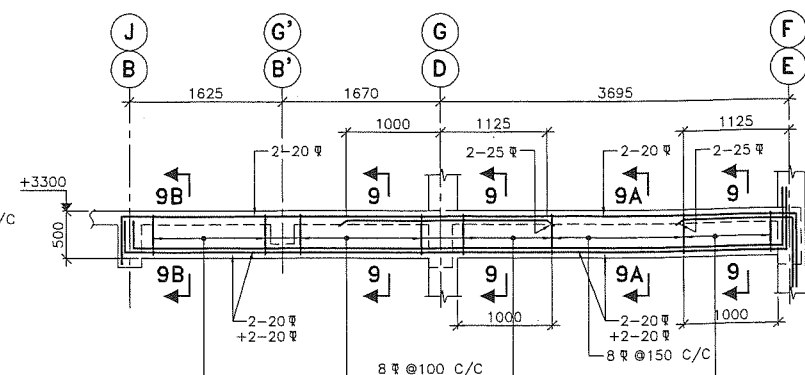
SECTION 9B-9B
(SCALE 1:15)



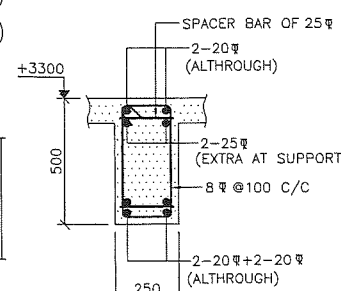
REIN. DETAIL OF FIRST FLOOR
BEAM FROM 3B-3D & 3G-3J
FFB-8(250x350)(2 Nos.)
(SCALE 1:40)



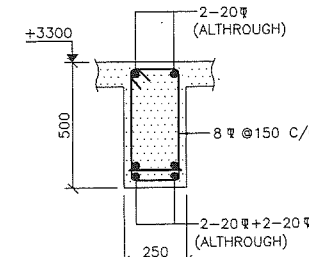
SECTION 8-8
(SCALE 1:15)



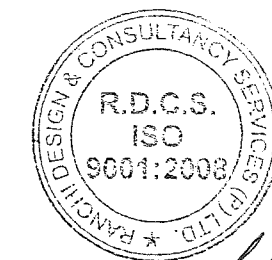
REIN. DETAIL OF FIRST FLOOR BEAM FROM 2B-2E & 2F-2J
FFB-9(250x500)(2 Nos.)
(SCALE 1:40)



SECTION 9-9
(SCALE 1:15)



SECTION 9A-9A
(SCALE 1:15)



ISSUED FOR CONSTRUCTION

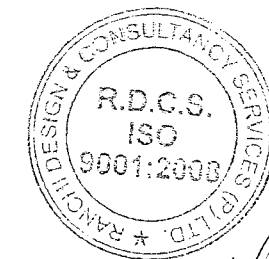
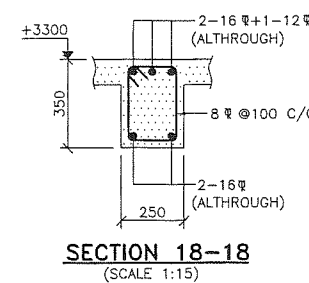
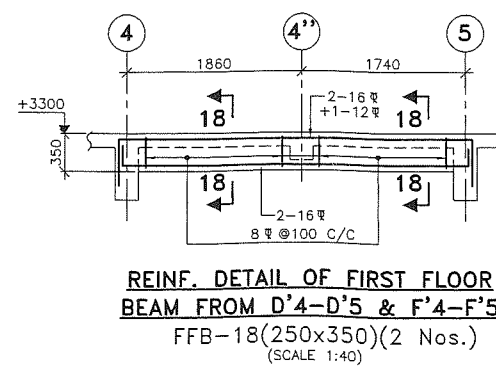
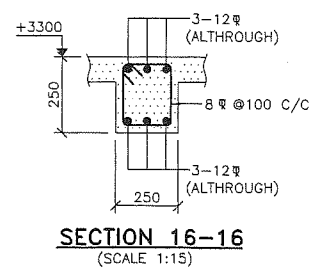
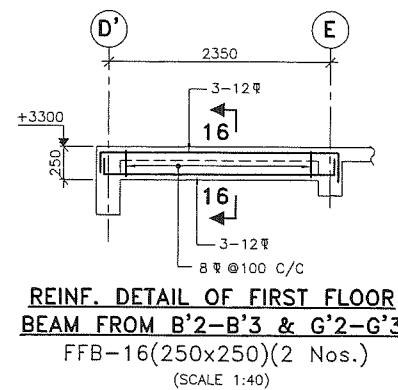
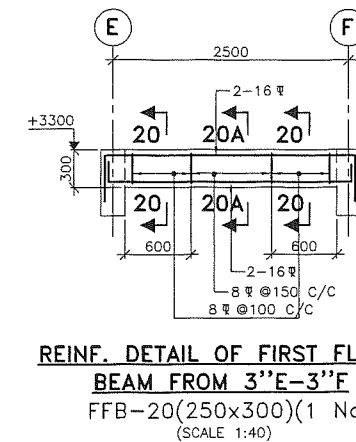
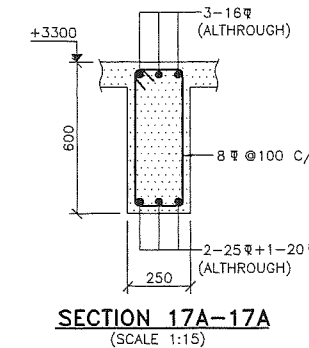
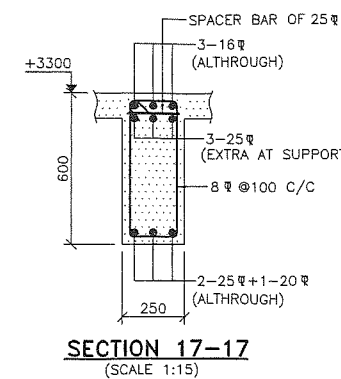
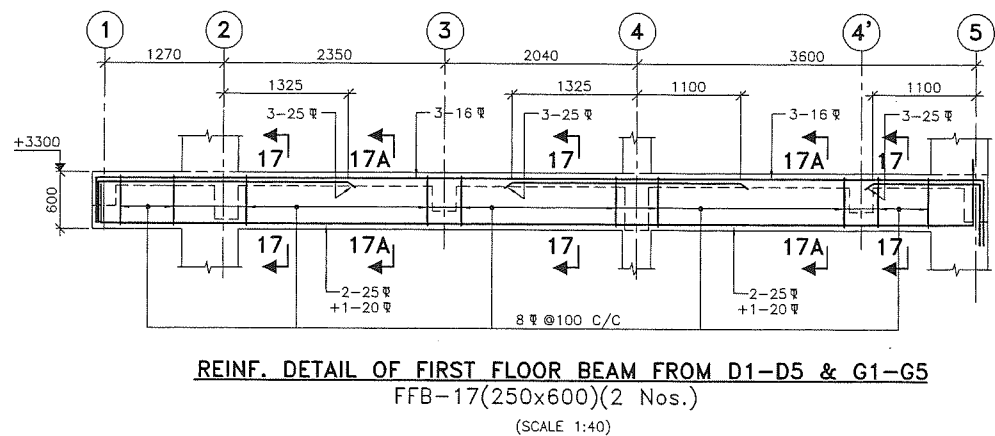
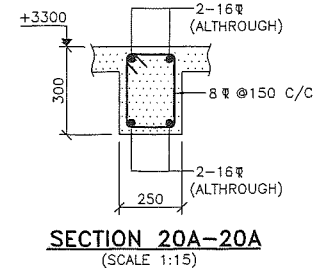
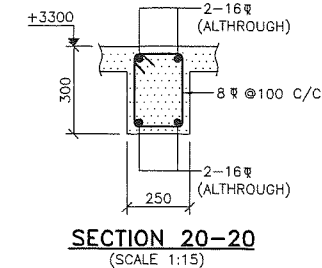
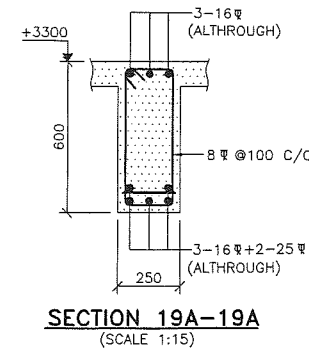
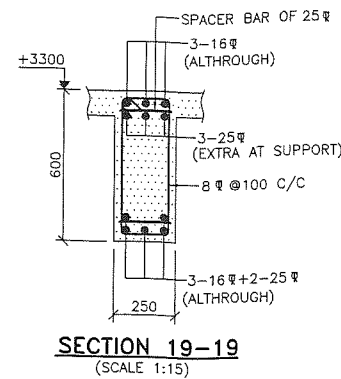
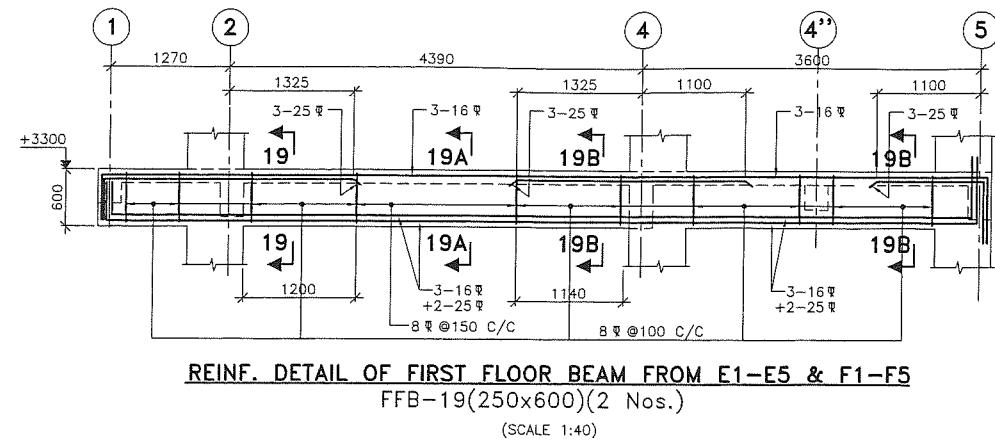
PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.		
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA		
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST. XAVIER SCHOOL DORANDA, RANCHI-834002		
CHECKED & APPROVED	S.L. GOPE	REIN. DETAIL OF FIRST FLOOR BEAMS FFB-8 TO FFB-11, FFB-13, FFB-14, FFB-14A & FFB-15	
DESIGN BY	NAJIYA		
DRAWN BY	PRADEEP		
SIZE-A1	SCALE AS SHOWN	ORG. NO.-RDSC/BSEIDC/0033/PSQ/007	SHEET 3 OF 4 RFV R=0

NOTES:-

- ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
- ±0.00 LEVEL CORRESPONDS TO PLINTH LEVEL (P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL (G.L.).
- FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO.-RDSC/BSEIDC/0033/PSQ/001

- ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
- ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
- LAP LENGTH, 50xØ OF BAR SHALL BE PROVIDED.
- CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.
(a) SLAB - 20mm (b) BEAM - 30mm

ZONE-V



PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI-834002

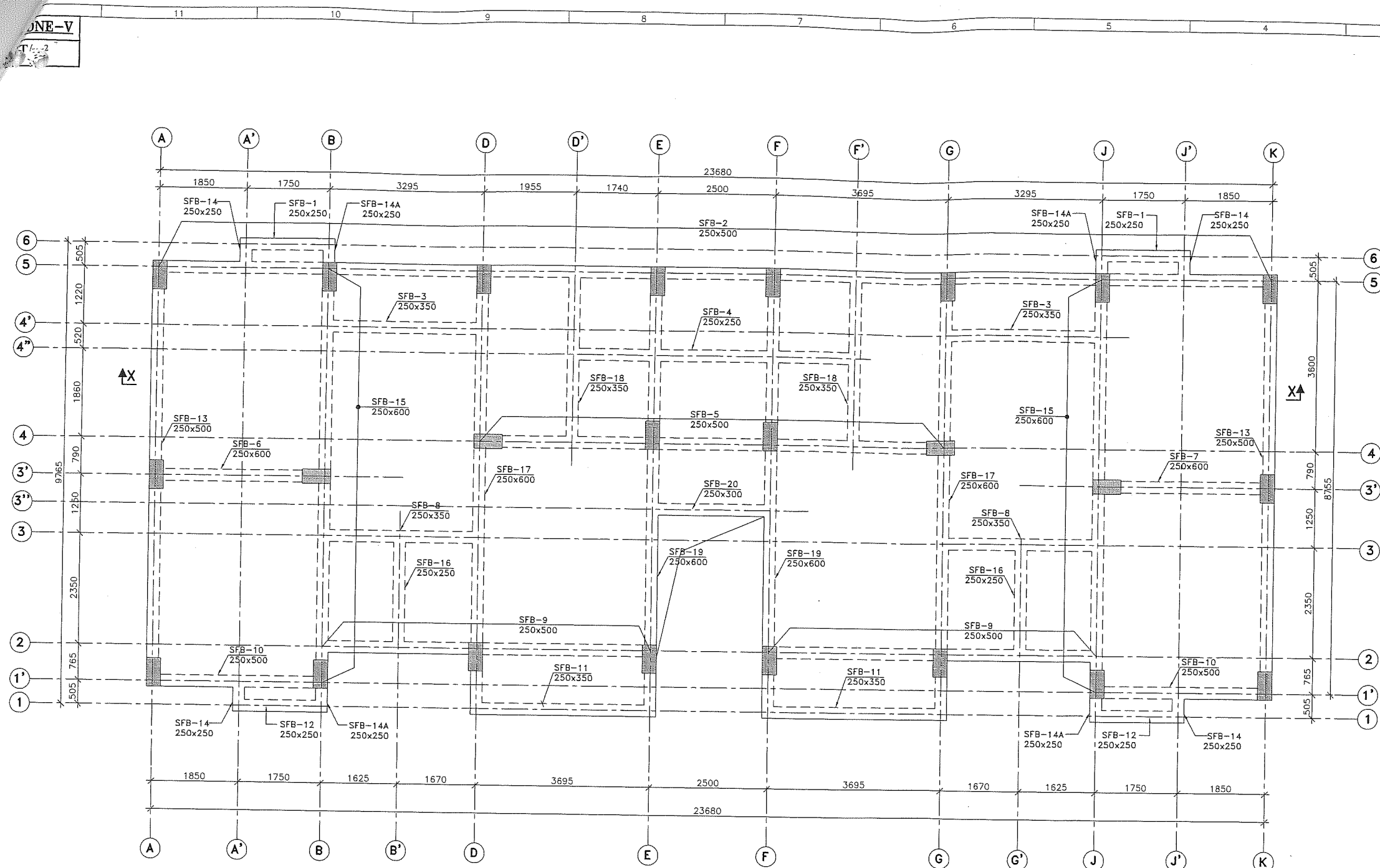
CHECKED & APPROVED	S.L.GOPE	REIN. DETAIL OF FIRST FLOOR BEAMS
DESIGN BY	NAJIYA	FFB-14 TO FFB-20
DRAWN BY	PRADEEP	
SIZE-A1	SCALE AS SHOWN	DRG. NO.-RDGS/BSEIDC/0033/PSQ/007
		SHEET 4 OF 4

NOTES:-

- ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
- ±0.00 LEVEL CORRESPONDS TO PLINTH LEVEL(P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL(G.L.).
- FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO.-RDGS/BSEIDC/0033/PSQ/001

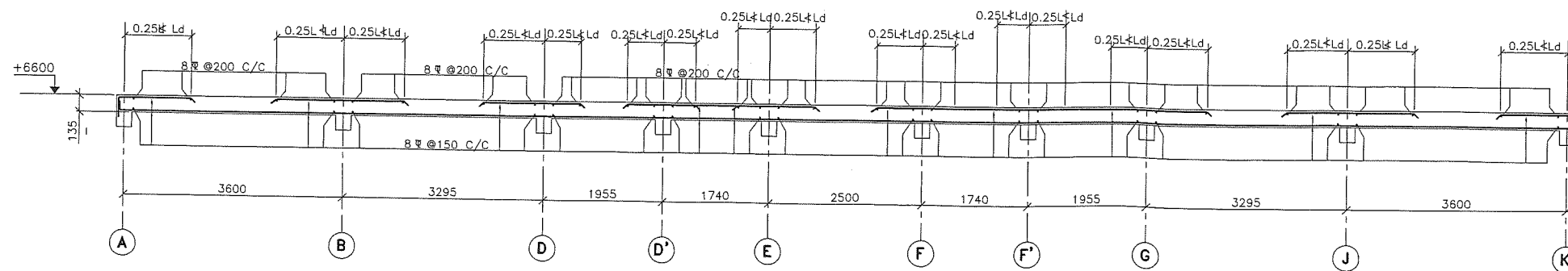
- ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
- ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
- LAP LENGTH, 50xØ OF BAR SHALL BE PROVIDED.
- CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.

ONE-V
T-2



LAYOUT PLAN OF SECOND FLOOR BEAM AT LEVEL +6600

SCALE:-1:50



SECTION X-X

(SCALE 1:50)

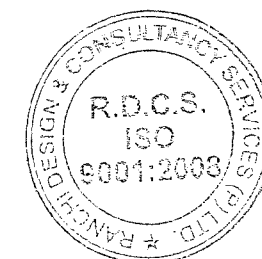
NOTES:-

1. ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
2. ± 0.00 LEVEL CORRESPONDS TO FINISH LEVEL (P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL (G.L.).
3. FOR GA & ARCHITECTURAL DRGS REFER DRG NO -RDCS/BSEDC/0033/PSQ/001

4. ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
5. ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
6. LAP LENGTH, 50xDia OF BAR SHALL BE PROVIDED.
7. CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.
(a) SLAB - 25mm
(b) BEAM - 40mm

SCHEDULE OF 2nd FLOOR BEAMS

SHUTTERING DETAILS				
BEAM MARK	QTY. (NOS.)	LENGTH (mm)	(B) WIDTH	(D) DEPTH
SFB-1	2	1750	250	250
SFB-2	1	23680	250	500
SFB-3	2	3295	250	350
SFB-4	1	5980	250	250
SFB-5	1	9890	250	500
SFB-6	1	3600	250	600
SFB-7	1	3600	250	600
SFB-8	2	3295	250	350
SFB-9	2	6990	250	500
SFB-10	2	3600	250	500
SFB-11	2	3695	250	350
SFB-12	2	1750	250	250
SFB-13	2	8755	250	500
SFB-14	4	505	250	250
SFB-14A	4	505	250	250
SFB-15	2	8755	250	600
SFB-16	2	2350	250	250
SFB-17	2	9260	250	600
SFB-18	2	3600	250	350
SFB-19	2	9260	250	600
SFB-20	1	2500	250	300

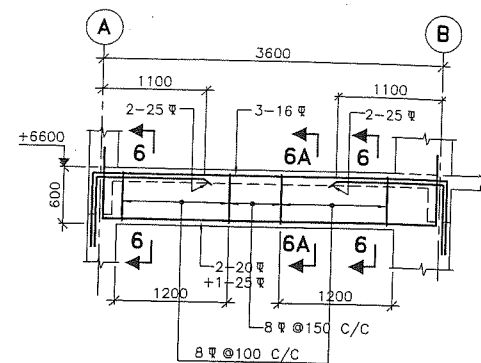


PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI-834002
CHECKED & APPROVED	S.L.GOPE
DESIGN BY	NAIYA
DRAWN BY	PRADEEP
SIZE-A1	SCALE 1:50

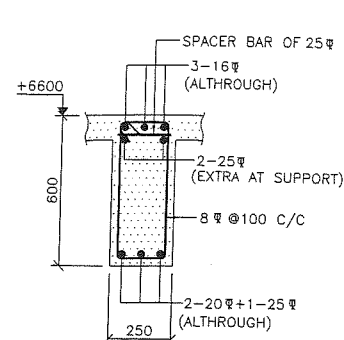
LAYOUT PLAN OF SECOND FLOOR BEAM AND REINF. DETAIL OF SECOND FLOOR SLAB AT LEVEL +6600

NO.	DESCRIPTION	DATE	BY
1			
2			
3			

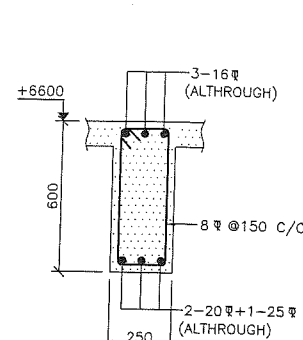
ONE-V

7T/m²

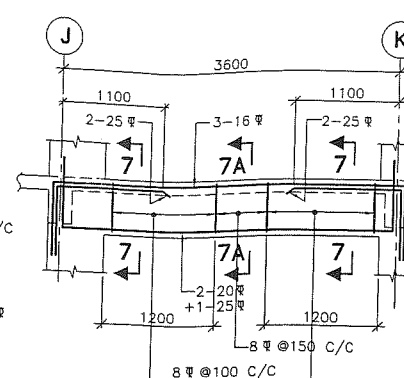
**REINF. DETAIL OF SECOND FLOOR
BEAM FROM 3'A-3'B**
SFB-6(250x600)(1 No.)
(SCALE 1:40)



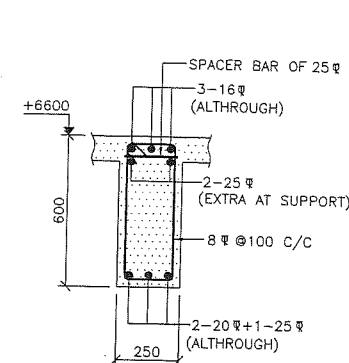
SECTION 6-6
(SCALE 1:15)



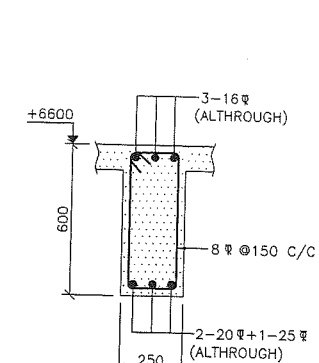
SECTION 6A-6A
(SCALE 1:15)



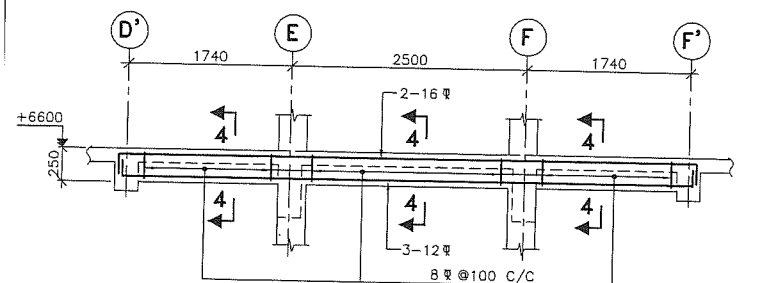
**REINF. DETAIL OF SECOND FLOOR
BEAM FROM 3'J-3'K**
SFB-7(250x600)(1 No.)
(SCALE 1:40)



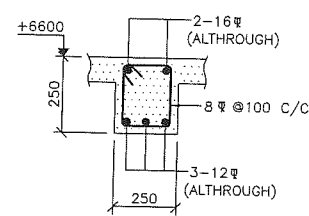
SECTION 7-7
(SCALE 1:15)



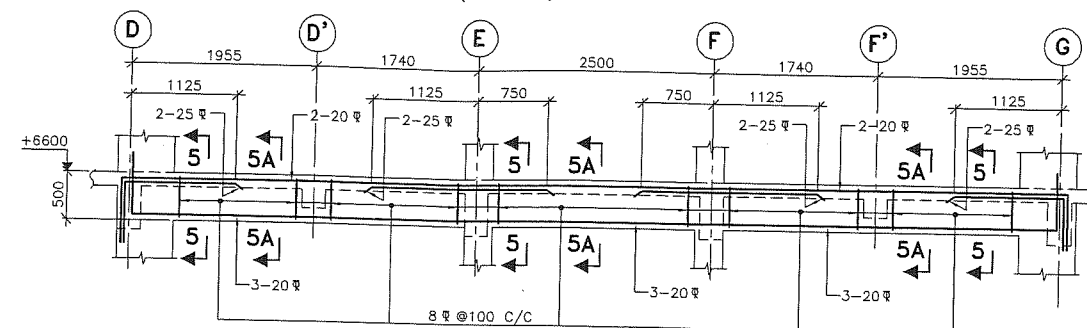
SECTION 7A-7A
(SCALE 1:15)



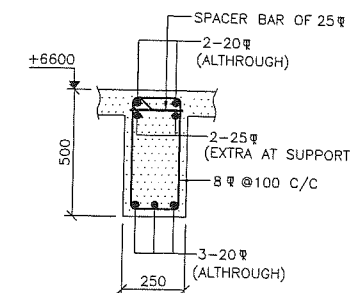
REINF. DETAIL OF SECOND FLOOR BEAM FROM 4'D'-4'F'
SFB-4(250x250)(1 No.)
(SCALE 1:40)



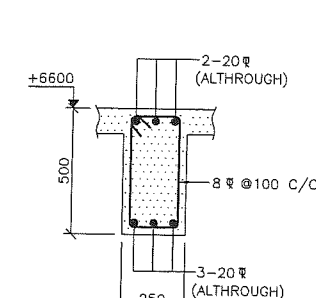
SECTION 4-4
(SCALE 1:15)



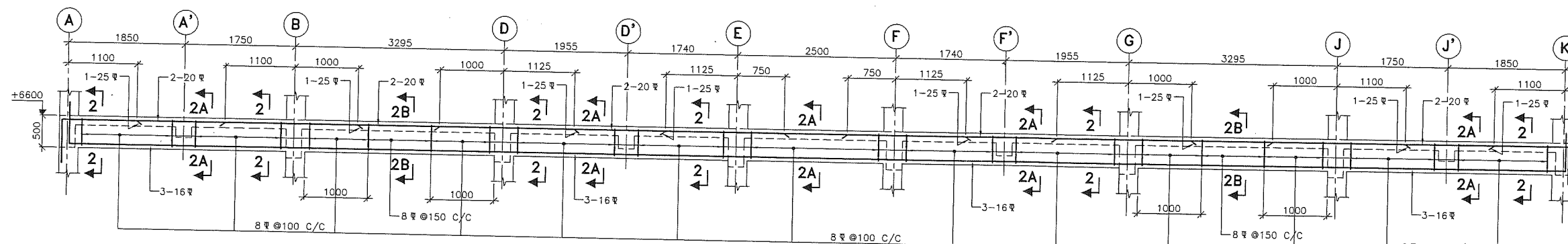
REINF. DETAIL OF SECOND FLOOR BEAM FROM 4D-4G
SFB-5(250x500)(1 No.)
(SCALE 1:40)



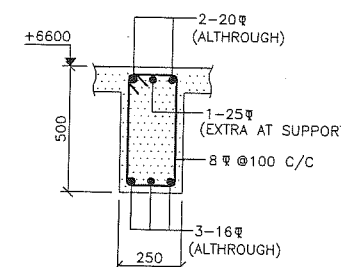
SECTION 5-5
(SCALE 1:15)



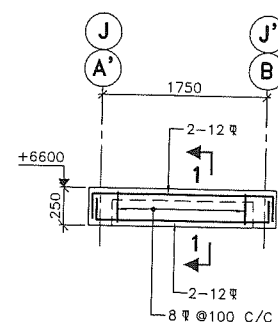
SECTION 5A-5A
(SCALE 1:15)



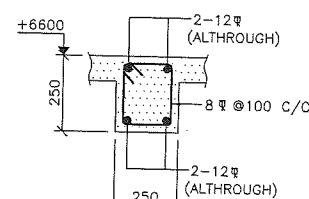
REINF. DETAIL OF SECOND FLOOR BEAM FROM 5A-5K
SFB-2(250x500)(1 No.)
(SCALE 1:40)



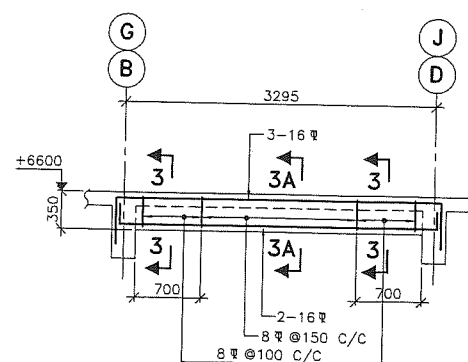
SECTION 2-2
(SCALE 1:15)



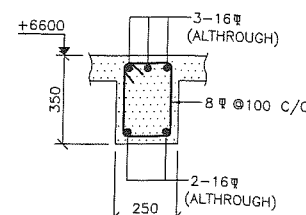
SECTION 1-1
(SCALE 1:15)



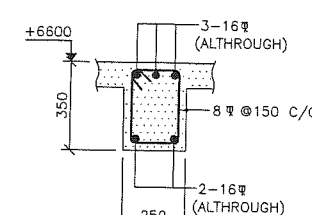
SECTION 1A-1A
(SCALE 1:15)



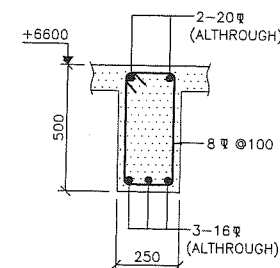
**REINF. DETAIL OF SECOND FLOOR
BEAM FROM 4'B-4'D & 4'G-4'J**
SFB-3(250x350)(2 Nos.)
(SCALE 1:40)



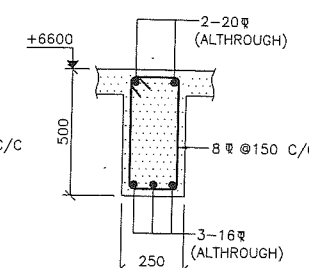
SECTION 3-3
(SCALE 1:15)



SECTION 3A-3A
(SCALE 1:15)



SECTION 2A-2A
(SCALE 1:15)



SECTION 2B-2B
(SCALE 1:15)

**REINF. DETAIL OF SECOND FLOOR BEAM
FROM 6A'-6B, 6J-6J', 1A'-1B & 1J-1J'**
SFB-1&SFB-12(250x250)(2+2=4 Nos.)
(SCALE 1:40)

NOTES:-

1. ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
2. ± 0.00 LEVEL CORRESPONDS TO PLINTH LEVEL (P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL (G.L.).
3. FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO.-RDCS/BSEIDC/0033/PSO/001

4. ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
5. ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
6. LAP LENGTH, 50x dia OF BAR SHALL BE PROVIDED.
7. CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.
(a) SLAB - 20mm (b) BEAM - 30mm

PROJECT

PROPOSED STAFF QUARTER/ PRINCIPAL
RESIDENCE FOR DIET.

DEPT.

BIHAR STATE EDUCATIONAL INFRASTRUCTURE
DEVELOPMENT CORPORATION LTD.
SHIKSHA BHAWAN, SAIDPUR, PATNAARCHT. AND
CONSULTANTRANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD.
SOUTH OFFICE PARA, NEAR ST. XAVIER SCHOOL
DORANDA, RANCHI-834002

CHECKED & APPROVED

S.L. GOPE

DESIGN BY

NAJIYA

DRAWN BY

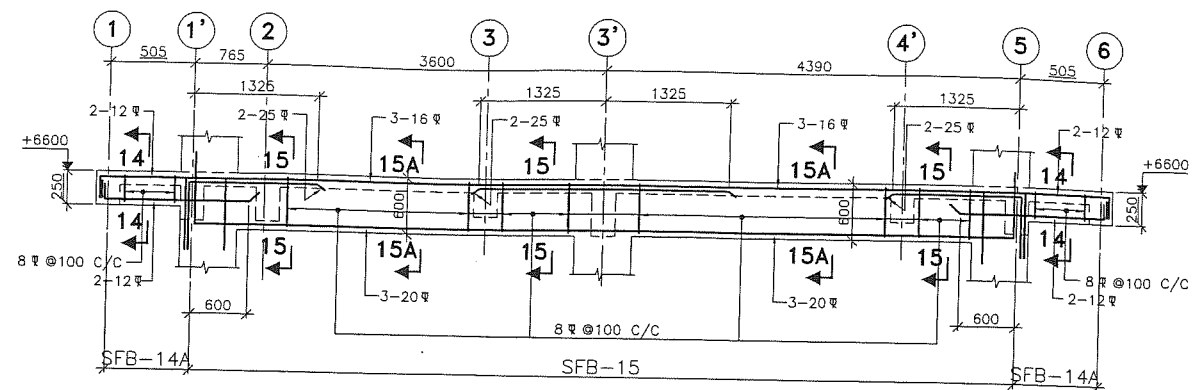
PRADEEP

SIZE-A1

SCALE

REINF. DETAIL OF SECOND FLOOR BEAMS
SFB-1 TO SFB-7 & SFB-12

DRG. NO.-RDCS/BSEIDC/0033/PSO/003 SHEET 3 OF 4 REV

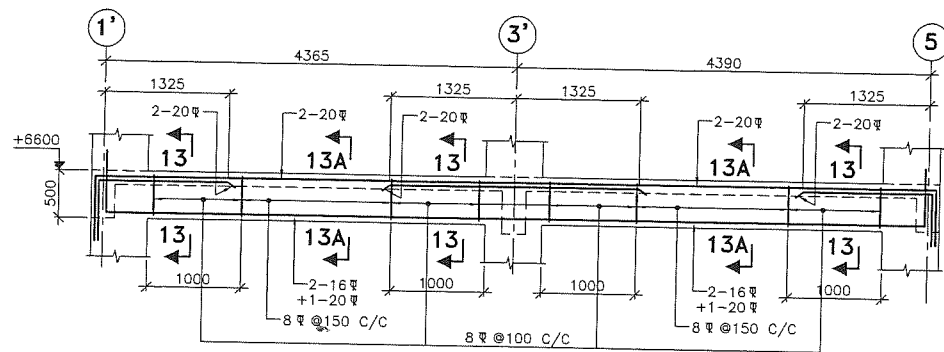


REIN. DETAIL OF SECOND FLOOR BEAM FROM B1-B6 & J1-J6
SFB-14A(250x250) & SFB-15(250x600)(4+2=6 Nos.)
(SCALE 1:40)

SECTION 15-15
(SCALE 1:15)

SECTION 15A-15A
(SCALE 1:15)

SECTION 14-14

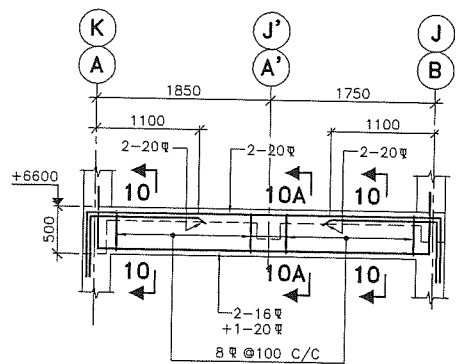


REIN. DETAIL OF SECOND FLOOR BEAM FROM A1'-A5 & K1'-K5
SFB-13(250x500)(2 Nos.)
(SCALE 1:40)

SECTION 13-13
(SCALE 1:15)

SECTION 13A-13A
(SCALE 1:15)

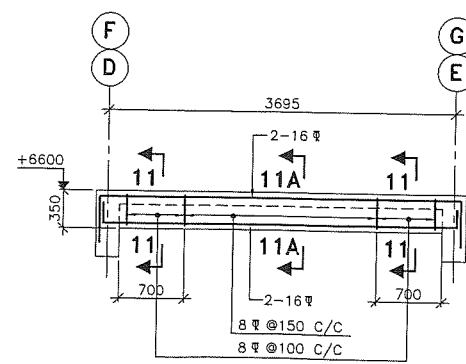
REIN. DETAIL OF SECOND FLOOR BEAM FROM A'1-A'1', A'5-A'6, J'1-J'1', J'5-J'6.
RB-14(250x250)(4 Nos.)
(SCALE 1:15)



REIN. DETAIL OF SECOND FLOOR BEAM FROM 1'A-1'B & 1'J-1'K
SFB-10(250x500)(2 Nos.)
(SCALE 1:40)

SECTION 10-10
(SCALE 1:15)

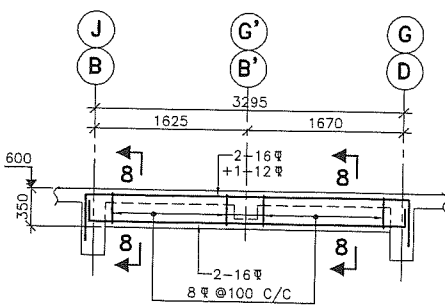
SECTION 10A-10A
(SCALE 1:15)



REIN. DETAIL OF SECOND FLOOR BEAM FROM 1D-1E & 1F-1G
SFB-11(250x350)(2 Nos.)
(SCALE 1:40)

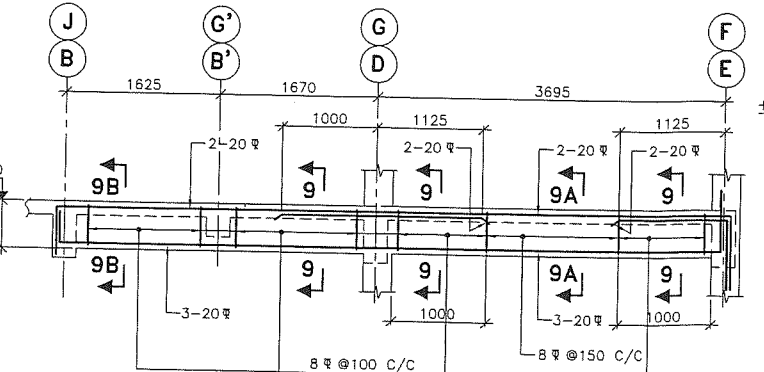
SECTION 11-11
(SCALE 1:15)

SECTION 11A-11A
(SCALE 1:15)



REIN. DETAIL OF SECOND FLOOR BEAM FROM 3B-3D & 3G-3J
SFB-8(250x350)(2 Nos.)
(SCALE 1:40)

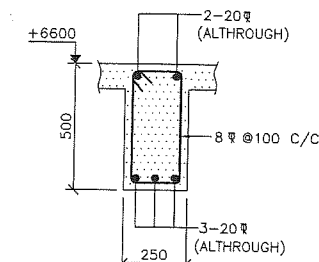
SECTION 8-8
(SCALE 1:15)



REIN. DETAIL OF SECOND FLOOR BEAM FROM 2B-2E & 2F-2J
SFB-9(250x500)(2 Nos.)
(SCALE 1:40)

SECTION 9-9
(SCALE 1:15)

SECTION 9A-9A
(SCALE 1:15)



SECTION 9B-9B
(SCALE 1:15)

NOTES:-

1. ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
2. ± 0.00 LEVEL CORRESPONDS TO FINISH LEVEL (P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL (G.L.).
3. FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO. -RDCS/BSEIDC/0033/PSQ/001

4. ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
5. ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
6. LAP LENGTH, 50xDia OF BAR SHALL BE PROVIDED.
7. CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.
(a) SLAB - 20mm (b) BEAM - 30mm

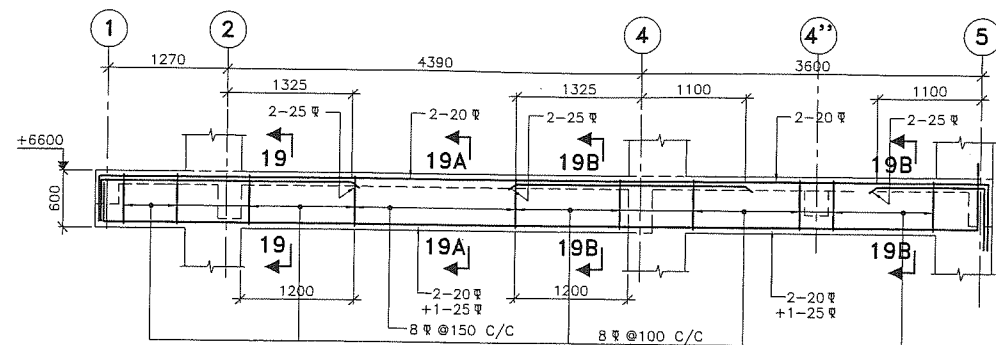
PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.	
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA	
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI-834002	
CHECKED & APPROVED	S.L.GOPE	
DESIGN BY	NAJIYA	
DRAWN BY	PRADEEP	
SIZE-A1	SCALE AS SHOWN	

REIN. DETAIL OF SECOND FLOOR BEAMS
SFB-8 TO SFB-11, SFB-13, SFB-14, SFB-14A & SFB-15

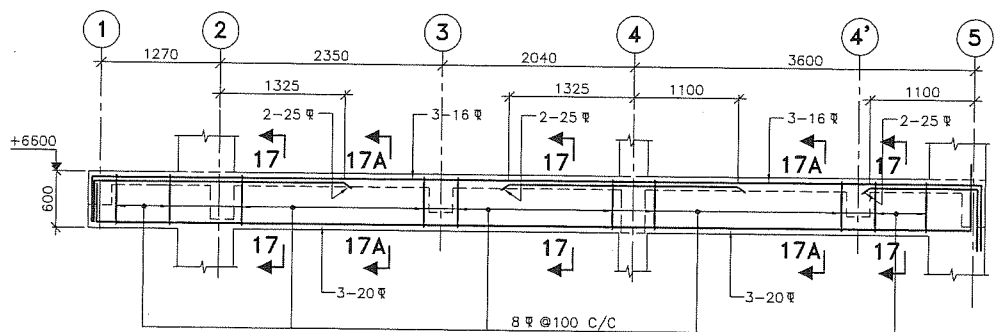
DRG. NO. -RDCS/BSEIDC/0033/PSQ/002 SHEET 3 OF 4 REV

ZONE-V

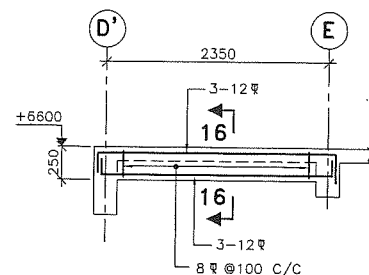
7T/m²



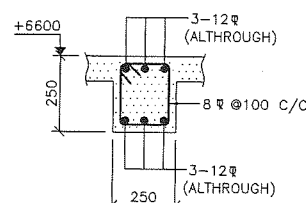
REIN. DETAIL OF SECOND FLOOR BEAM FROM E1-E5 & F1-F5
SFB-19(250x600)(2 Nos.)
(SCALE 1:40)



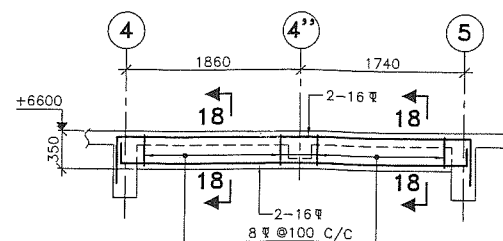
REIN. DETAIL OF SECOND FLOOR BEAM FROM D1-D5 & G1-G5
SFB-17(250x600)(2 Nos.)
(SCALE 1:40)



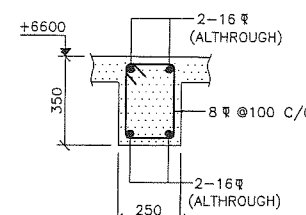
REIN. DETAIL OF SECOND FLOOR BEAM FROM B'2-B'3 & G'2-G'3
SFB-16(250x250)(2 Nos.)
(SCALE 1:40)



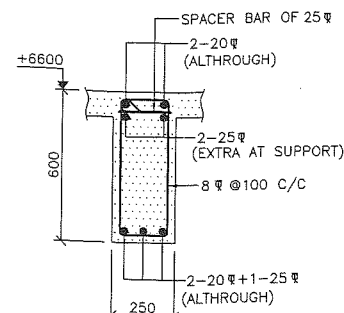
SECTION 16-16
(SCALE 1:15)



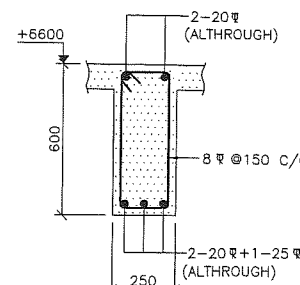
REIN. DETAIL OF SECOND FLOOR BEAM FROM D'4-D'5 & F'4-F'5
SFB-18(250x350)(2 Nos.)
(SCALE 1:40)



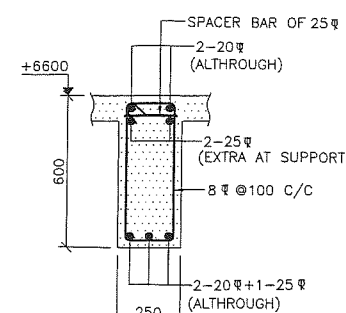
SECTION 18-18
(SCALE 1:15)



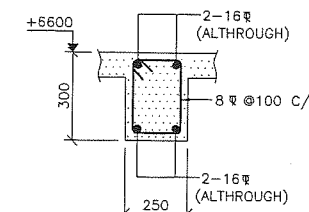
SECTION 19-19
(SCALE 1:15)



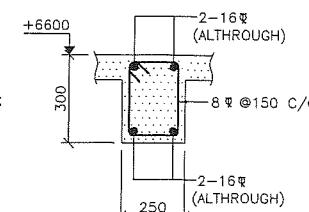
SECTION 19A-19A
(SCALE 1:15)



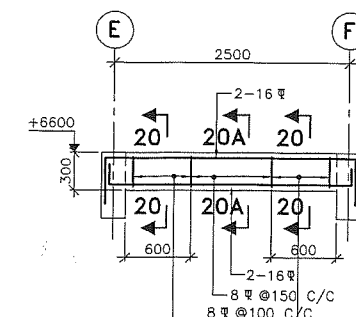
SECTION 19B-19B
(SCALE 1:15)



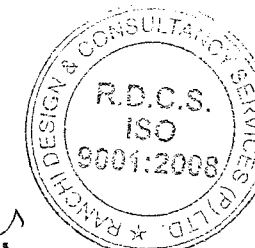
SECTION 20-20
(SCALE 1:15)



SECTION 20A-20A
(SCALE 1:15)



REIN. DETAIL OF SECOND FLOOR BEAM FROM 3'E-3'F
SFB-20(250x300)(1 No.)
(SCALE 1:40)



PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI-834002
CHECKED & APPROVED	S.L.GOPE
DESIGN BY	NAJIYA
DRAWN BY	PRADEEP
SIZE-A1	SCALE AS SHOWN

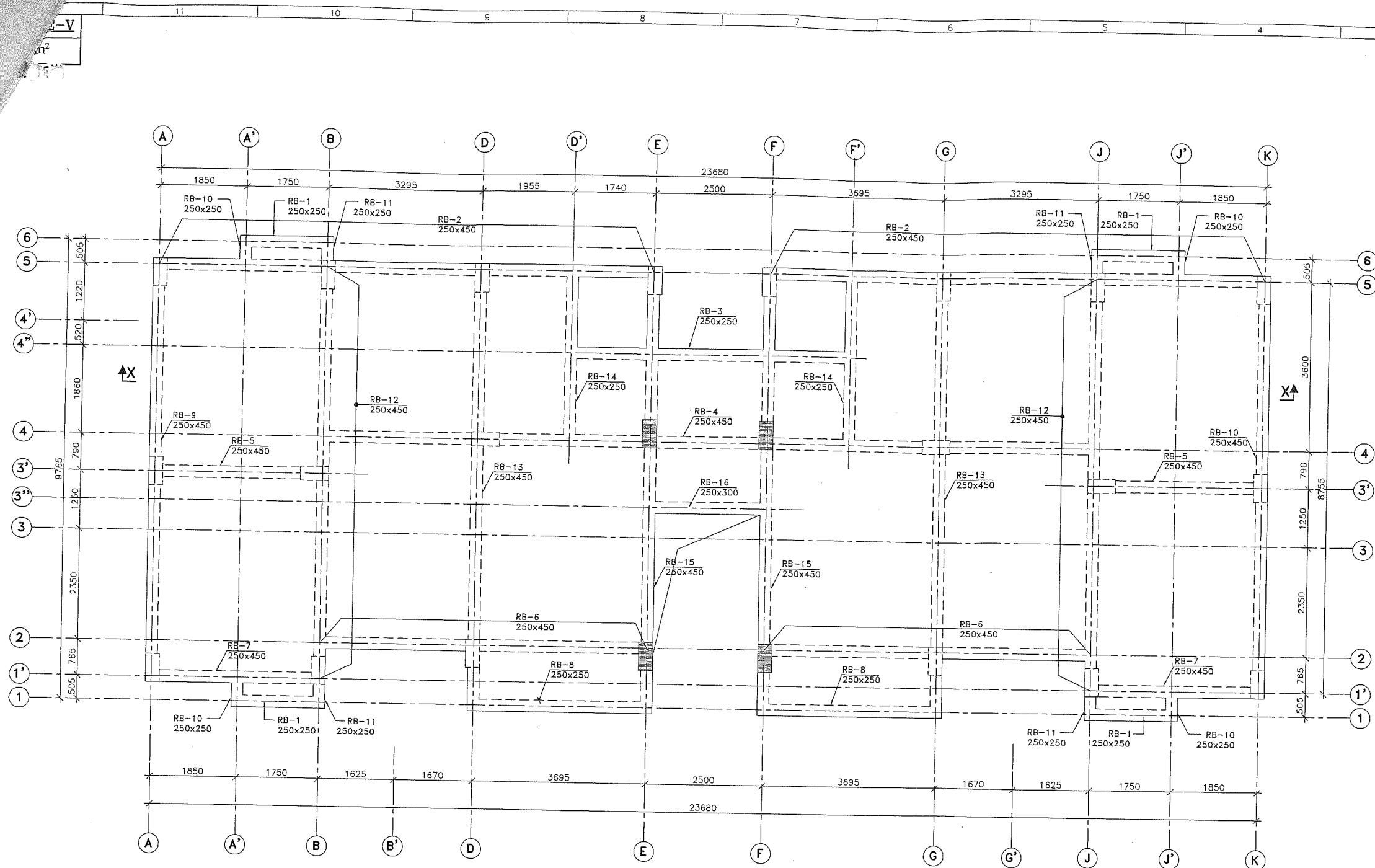
REIN. DETAIL OF SECOND FLOOR BEAMS
SFB-16 TO SFB-20

NOTES:-

1. ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
2. ±0.00 LEVEL CORRESPONDS TO PLINTH LEVEL(P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL(G.L.).
3. FOR GA & ARCHITECTURAL DRGS. REFER DRG NO.-RDCS/BSEIDC/0033/PSQ/001

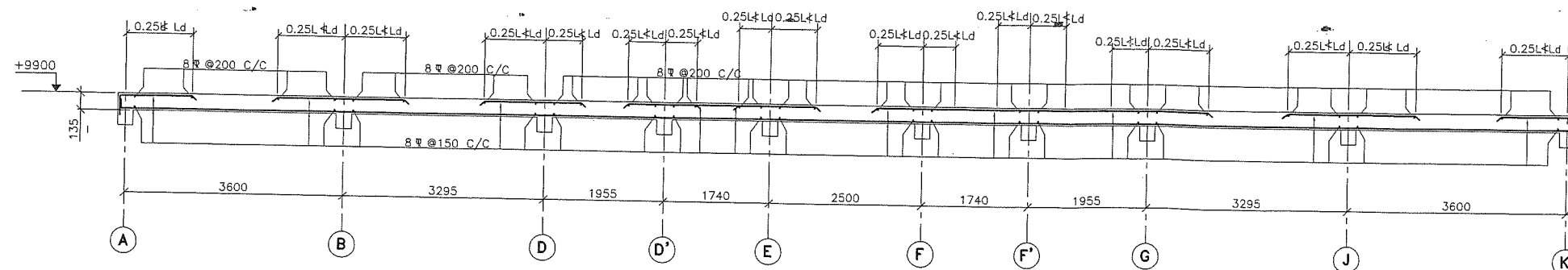
4. ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
5. ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
6. LAP LENGTH, 50xdia OF BAR SHALL BE PROVIDED.
7. CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.
(a) SLAB - 20mm (b) BEAM - 30mm

REV.	DESCRIPTION	DATE	BY



LAYOUT PLAN OF ROOF BEAM AT LEVEL +9900

SCALE:-1:50



SECTION X-X

(SCALE 1:50)

SCHEDULE OF ROOF BEAMS

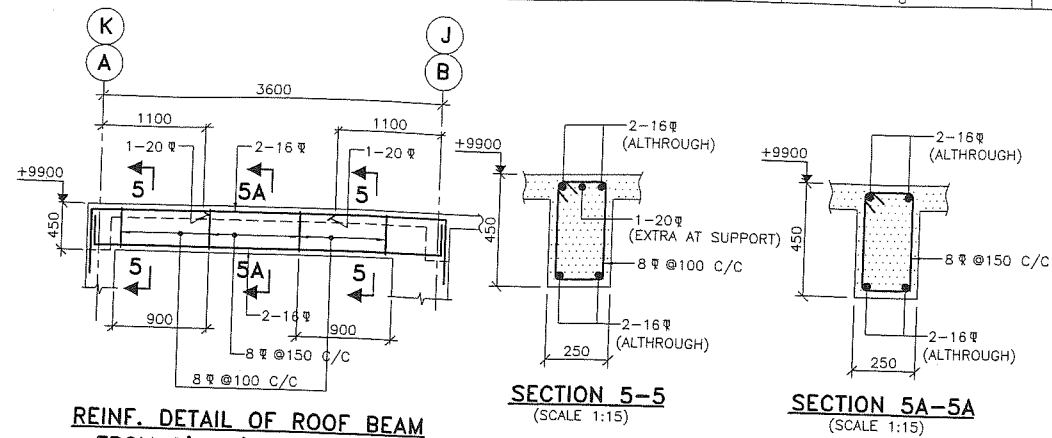
SHUTTERING DETAILS				
BEAM MARK	QTY. (NOS.)	LENGTH (mm)	(B) WIDTH	(D) DEPTH
RB-1	4	1750	250	250
RB-2	2	10590	250	450
RB-3	1	5980	250	250
RB-4	1	16480	250	450
RB-5	2	3600	250	450
RB-6	2	6990	250	450
RB-7	2	3600	250	450
RB-8	2	3695	250	250
RB-9	2	8755	250	450
RB-10	4	505	250	250
RB-11	4	505	250	250
RB-12	2	8755	250	450
RB-13	2	9260	250	450
RB-14	2	3600	250	250
RB-15	2	9260	250	450
RB-16	1	2500	250	300

PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.		
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA		
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI-834002		
CHECKED & APPROVED	S.L.GOPE	LAYOUT PLAN OF ROOF BEAM AND REINF. DETAIL OF ROOF SLAB AT LEVEL +9900	
DESIGN BY	NAJIYA		
DRAWN BY	PRADEEP		
SIZE-A1	SCALE AS SHOWN	ORG. NO.-RDCS/BSEIDC/0033/PSQ/009	SHEET 1 OF 3 RFV R=0

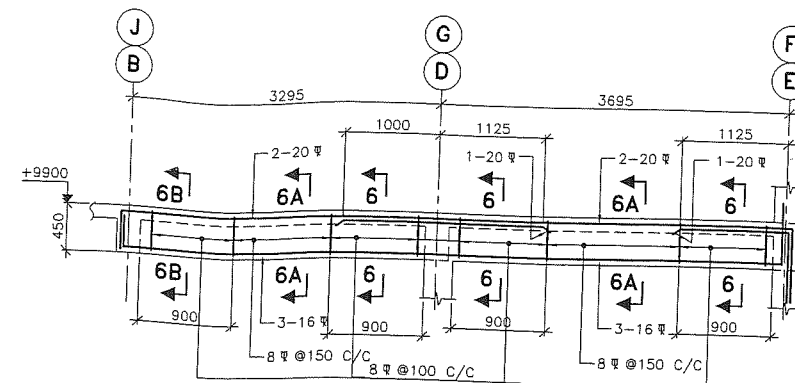
NOTES:-

- ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
- ±0.00 LEVEL CORRESPONDS TO PLINTH LEVEL (P.L.) OF BUILDING. WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL (G.L.).
- FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO.-RDCS/BSEIDC/0033/PSQ/001
- ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
- ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
- LAP LENGTH, 50xDia OF BAR SHALL BE PROVIDED.
- CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.
(a) SLAB - 20mm (b) BEAM - 30mm

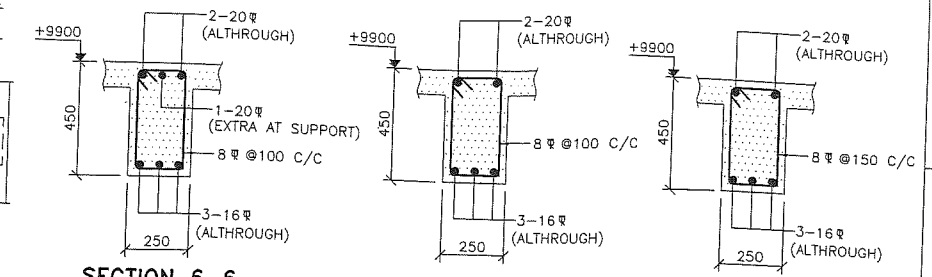
C ZONE-V
BC- 7T/m²



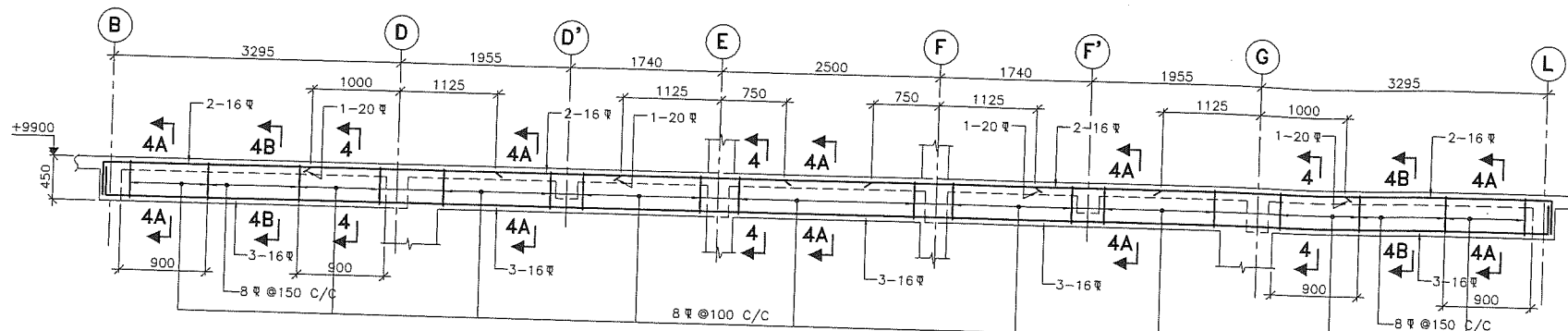
REINF. DETAIL OF ROOF BEAM
FROM 3'A-3'B & 3'J-3'K
RB-5(250x450)(2 Nos.)
(SCALE 1:40)



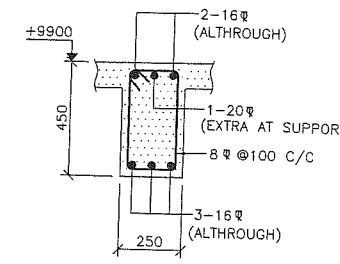
REINF. DETAIL OF ROOF BEAM FROM 2B-2E & 2F-2J
RB-6(250x450)(2 Nos.)
(SCALE 1:40)



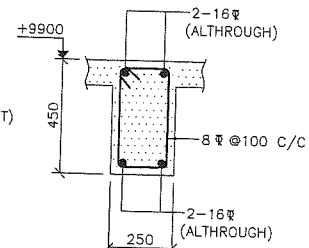
REINF. DETAIL OF ROOF BEAM
FROM 1'A-1'B & 1'J-1'K
RB-7(250x450)(2 Nos.)
(SCALE 1:40)



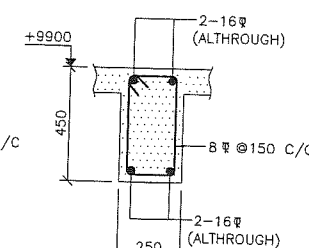
REINF. DETAIL OF ROOF BEAM FROM 4B-4J
RB-4(250x450)(1 No.)
(SCALE 1:40)



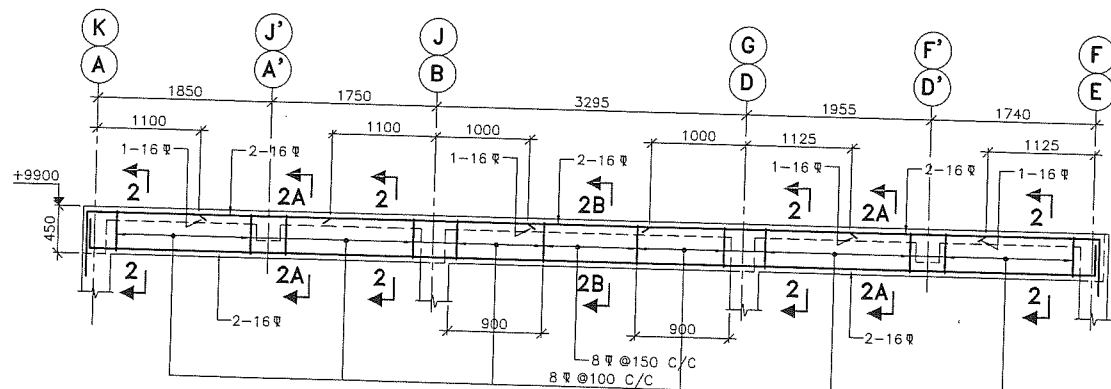
REINF. DETAIL OF ROOF BEAM FROM 2A-2B
RB-2(250x450)(2 Nos.)
(SCALE 1:40)



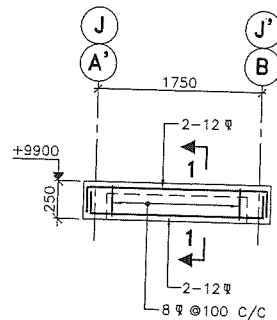
REINF. DETAIL OF ROOF BEAM FROM 3A-3B
RB-3(250x250)(1 No.)
(SCALE 1:40)



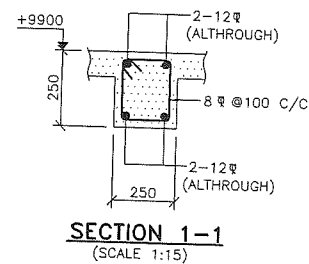
REINF. DETAIL OF ROOF BEAM FROM 4D'-4'F
RB-3(250x250)(1 No.)
(SCALE 1:40)



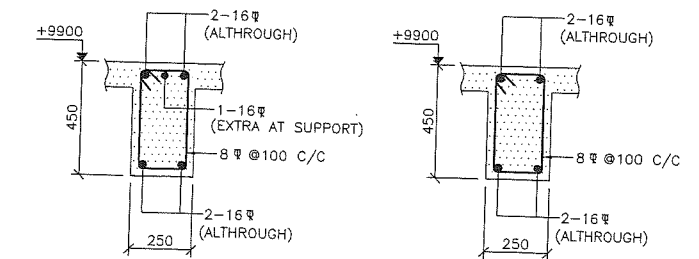
REINF. DETAIL OF ROOF BEAM FROM 5A-5E & 5F-5K
RB-2(250x450)(2 Nos.)
(SCALE 1:40)



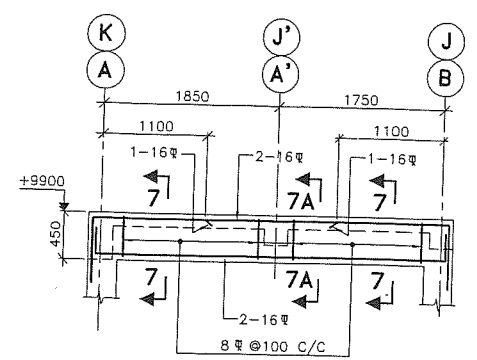
REINF. DETAIL OF ROOF BEAM FROM
6A'-6B, 6J-6J', 1A'-1B & 1J-1J'
RB-1(250x250)(4 Nos.)
(SCALE 1:40)



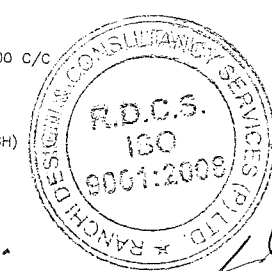
REINF. DETAIL OF ROOF BEAM FROM
6A'-6B, 6J-6J', 1A'-1B & 1J-1J'
RB-1(250x250)(4 Nos.)
(SCALE 1:40)



REINF. DETAIL OF ROOF BEAM FROM
6A'-6B, 6J-6J', 1A'-1B & 1J-1J'
RB-1(250x250)(4 Nos.)
(SCALE 1:40)



REINF. DETAIL OF ROOF BEAM FROM
6A'-6B, 6J-6J', 1A'-1B & 1J-1J'
RB-1(250x250)(4 Nos.)
(SCALE 1:40)



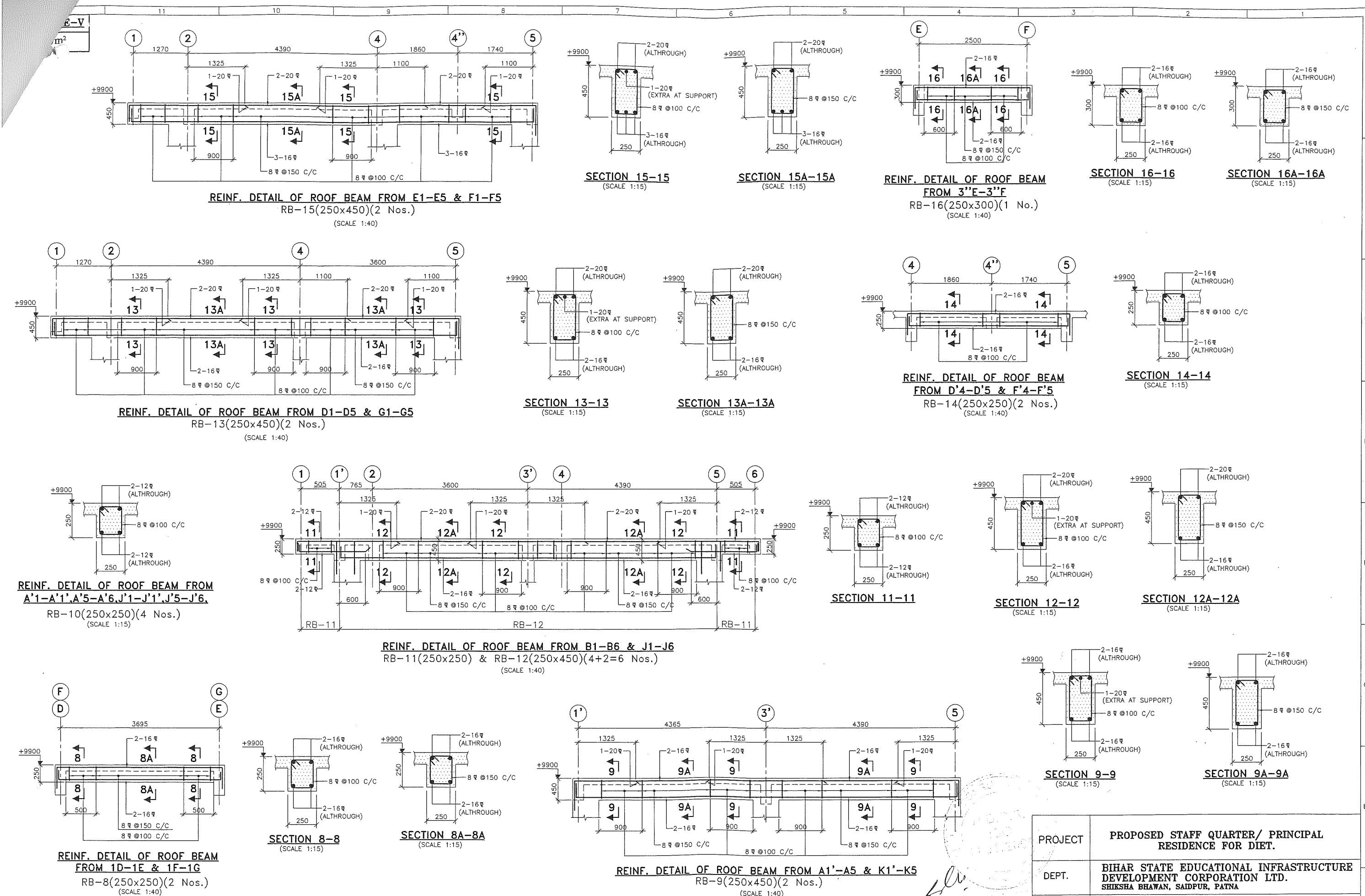
PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI-834002
CHECKED & APPROVED	S.L.GOPE
DESIGN BY	NAJIYA
DRAWN BY	PRADEEP
SIZE-A1	SCALE

REINF. DETAIL OF ROOF BEAMS
RB-1 TO RB-7

NOTES:-

1. ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED.
2. ± 0.00 LEVEL CORRESPONDS TO PLINTH LEVEL(P.L.) OF BUILDING, WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL(G.L.).
3. FOR GA & ARCHITECTURAL DRGS REFER DRG. NO.-RDGS/BSE/DC/0033/PSQ/001

4. ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
5. ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
6. LAP LENGTH, 50xDia OF BAR SHALL BE PROVIDED.
7. CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.
(a) SLAB - 20mm (b) BEAM - 25mm

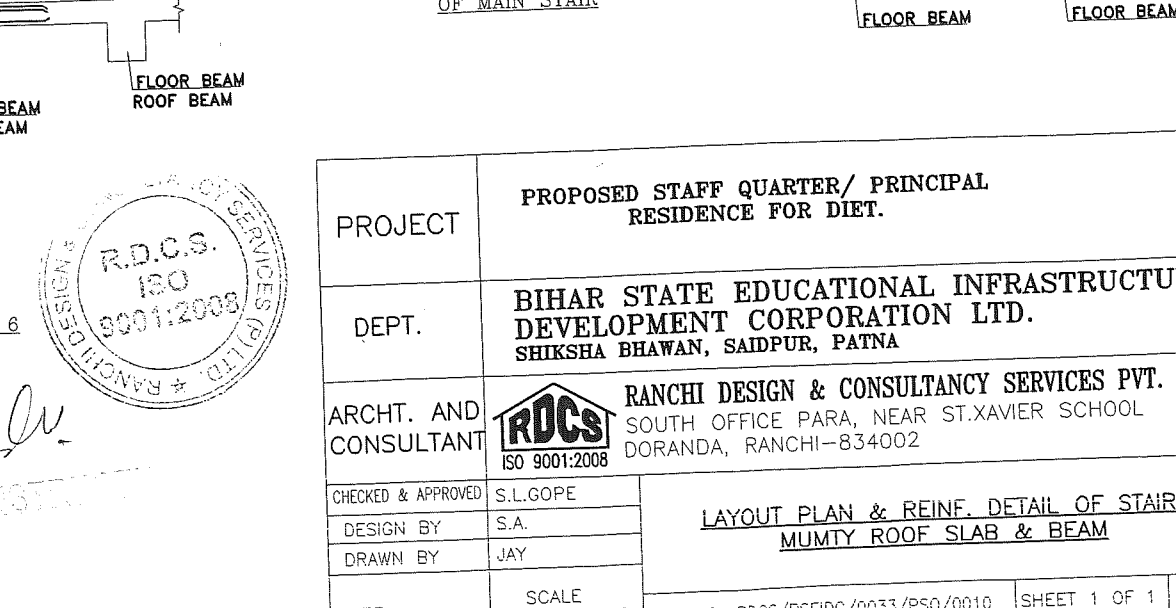
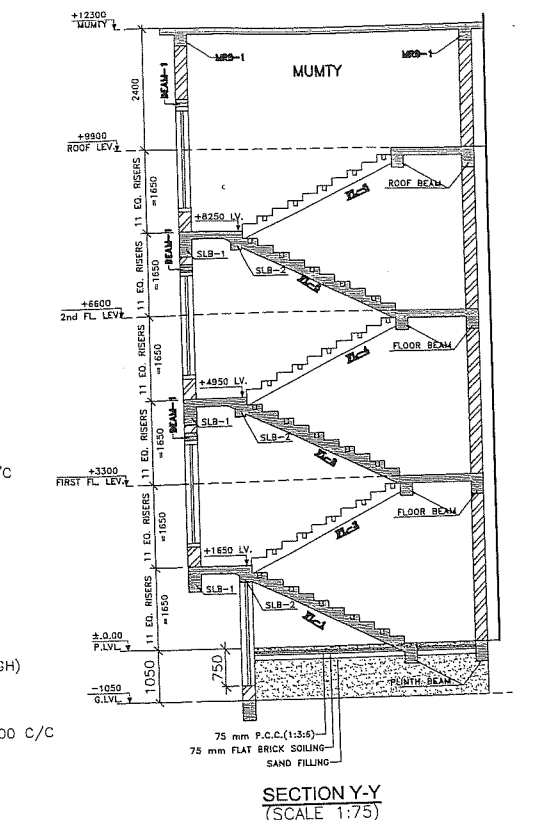
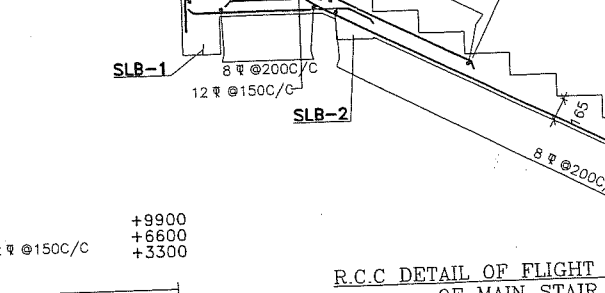
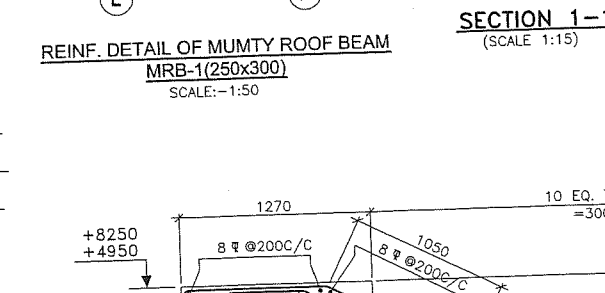
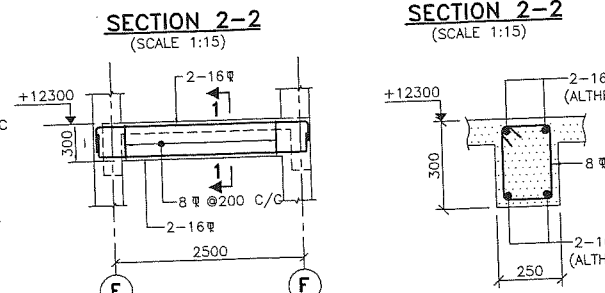
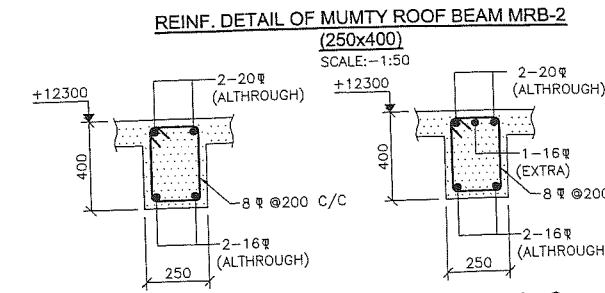
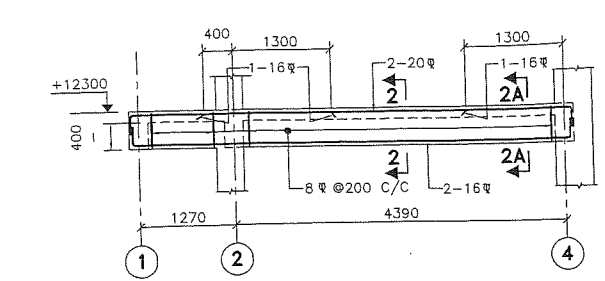
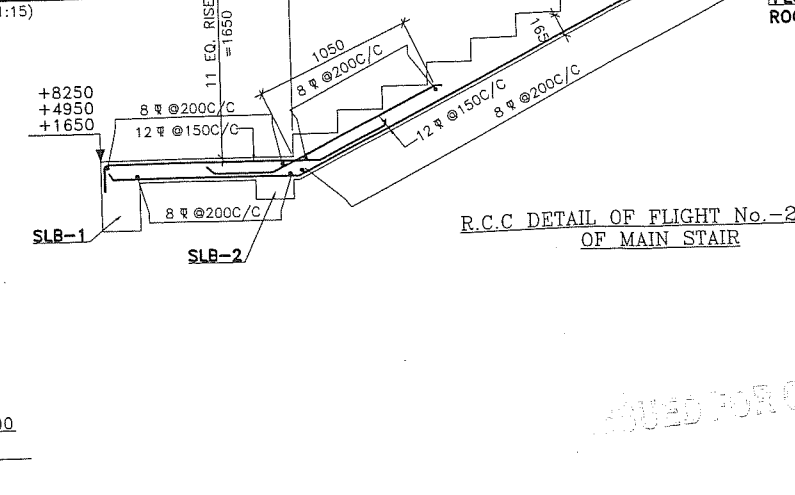
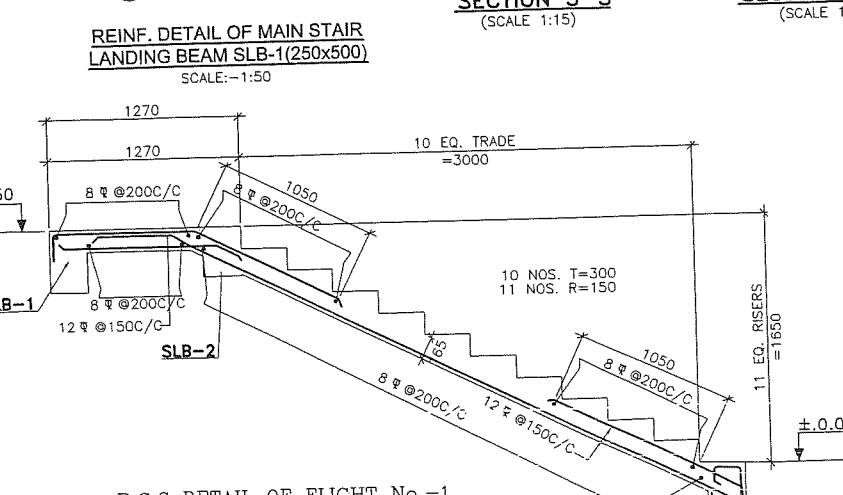
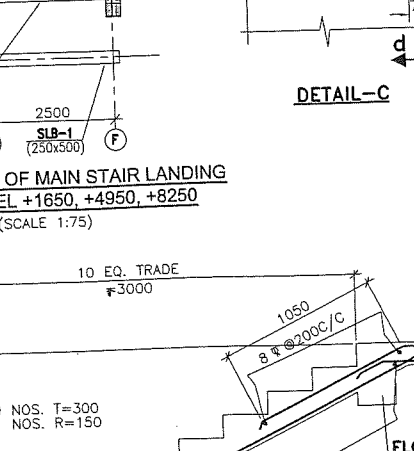
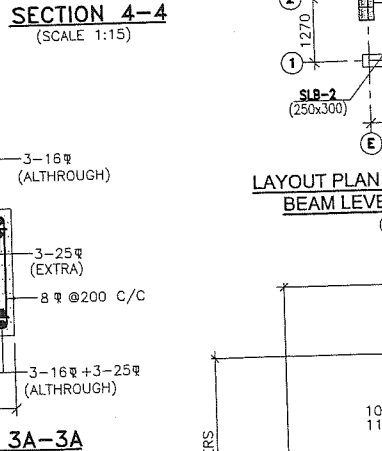
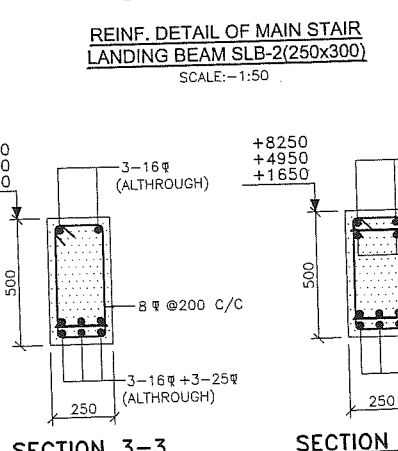
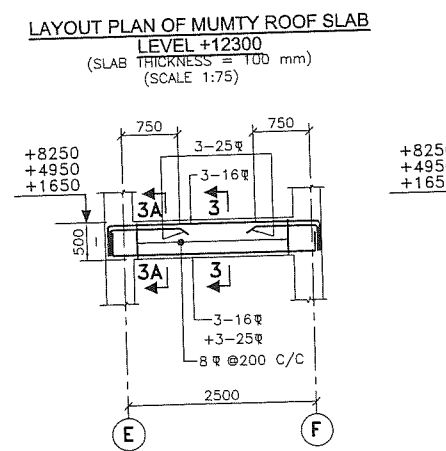
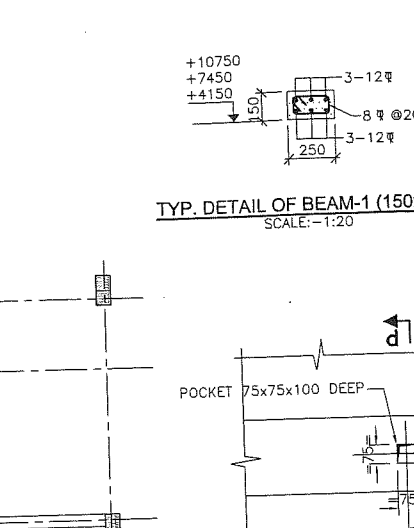
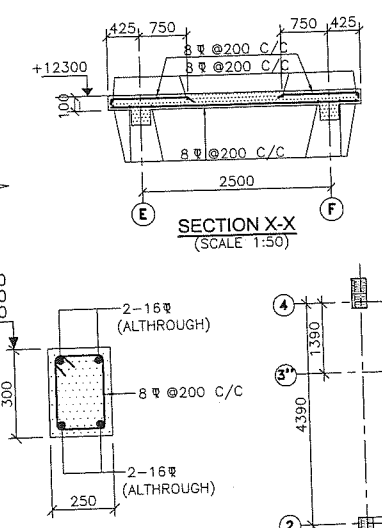
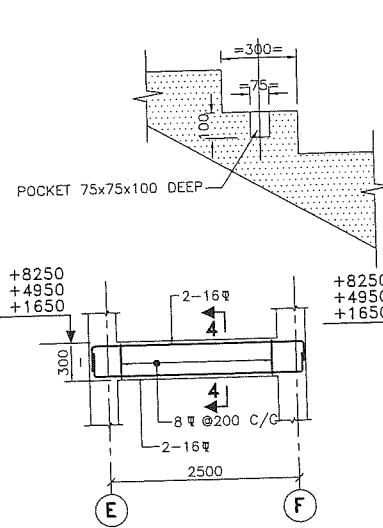
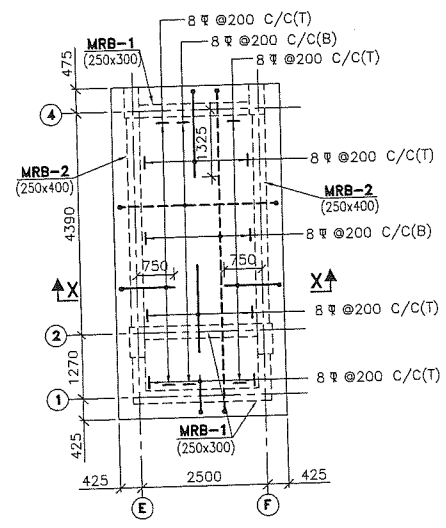
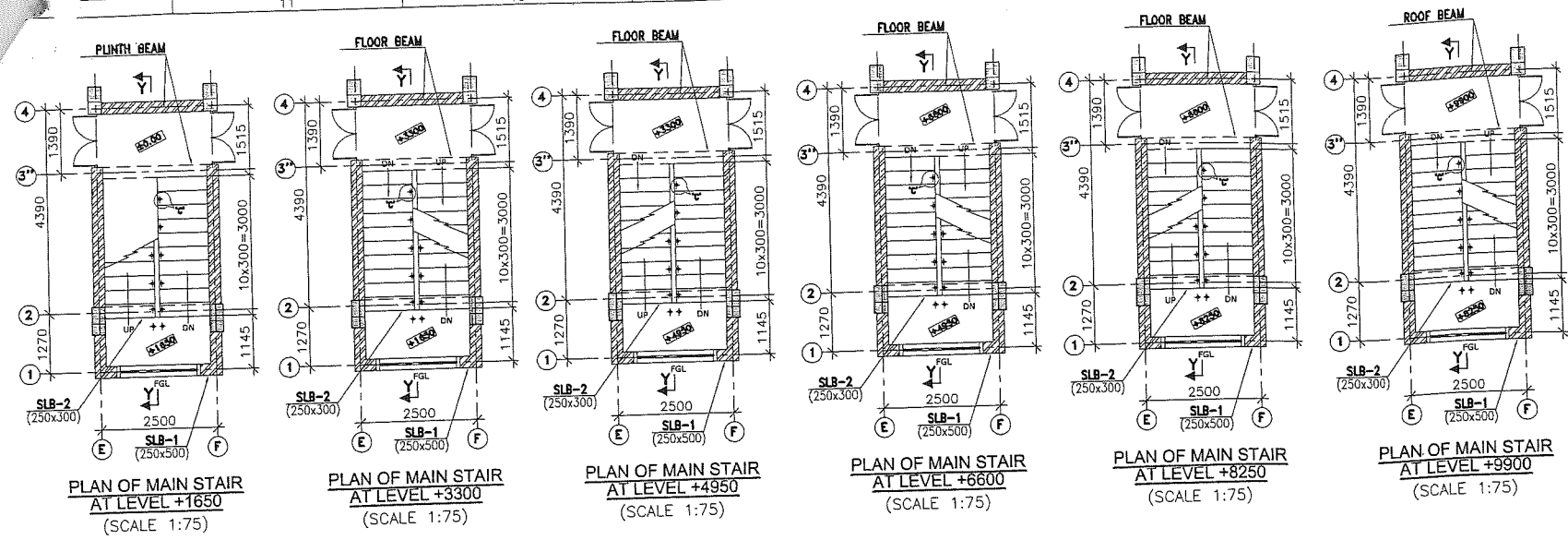


NOTES:-

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- ±0.00 LEVEL CORRESPONDS TO PLINTH LEVEL(P.L.) OF BUILDING. WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL(G.L.).
- FOR GA & ARCHITECTURAL DRGS. REFER DRG. NO.-RDCS/BSEIDC/0033/PSQ/001

- ALL RCC WORK SHALL BE OF M25 GRADE CONCRETE.
- ALL R/F. SHALL CONFORM TO IS:1786-1985 AND SHALL HAVE MIN. YIELD STRENGTH OF 500 N/SQMM. & MIN. ELONGATION 14.5%.
- LAP LENGTH, 50xdia OF BAR SHALL BE PROVIDED.
- CLEAR COVER TO R/F. SHALL BE AS FOLLOWS.
(a) SLAB - 20mm (b) BEAM - 30mm

PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.		
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA		
ARCHT. AND CONSULTANT	 RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI-834002		
CHECKED & APPROVED	S.L.GOPE	REIN. DETAIL OF ROOF BEAMS RB-8 TO RB-12	
DESIGN BY	NAJIYA		
DRAWN BY	PRADEEP		
SIZE-A1	SCALE AS SHOWN	DRG. NO.-RDCS/BSEIDC/0033/PSQ/009	SHEET 3 OF 3
			RFV R=0



PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI-834002
CHECKED & APPROVED	S.L.GOPE
DESIGN BY	S.A.
DRAWN BY	JAY
SHEET	SCALE 1:75, 1:50, 1:20 DWG. NO. RDCS/BSEIDC/0033/PSQ/0010 SHEET 1 OF 1 REV R=0