

**BLOCK-C**

इलाहाबाद विकास प्राधिकरण, इलाहाबाद की अभ्युक्ति एवं पूर्णता  
प्रमाण-पत्र :

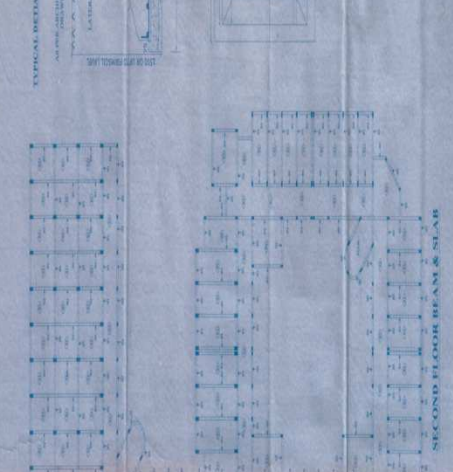
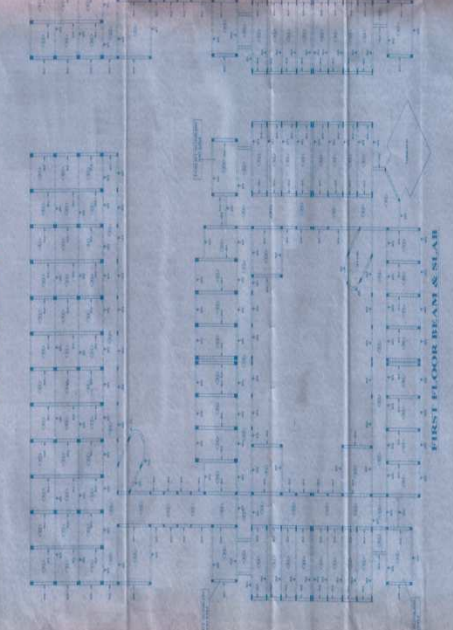
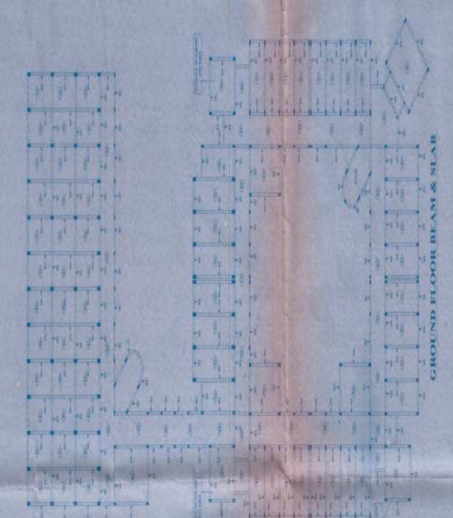
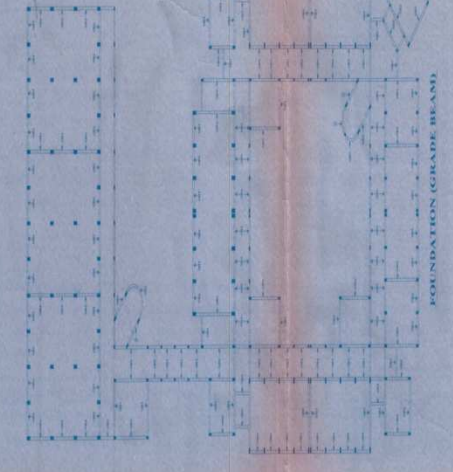
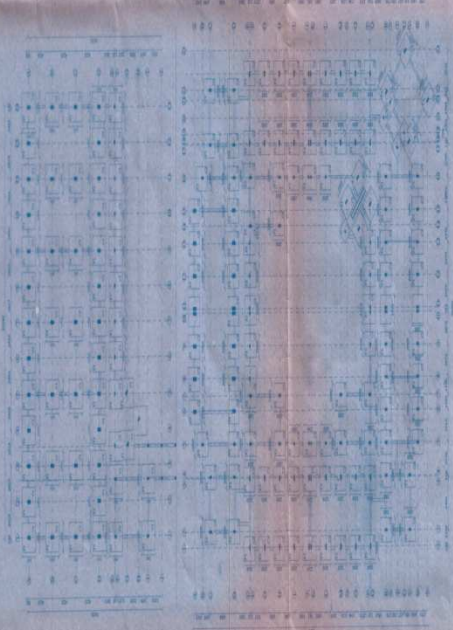
श्री दिलीप सिंह, सदस्य, बेनी माधव शिक्षा समिति में स्थित आराजी संख्या-508, 457, 554, 555, 533, 529, 531, 921 से 924, 926, 927 से 933, 936, 937, 938, 942 से 945, 947, 948, 975 से 979, 979ख, 989, 981, 990, 1005 से 1008 गद्दोपुर फाफामऊ, तहसील-सोरांव, इलाहाबाद पर निर्मित भवन के सम्बन्ध में दिए गए उपरोक्त प्रमाण पत्र का परीक्षण श्री गौरी शंकर, अवर अभियन्ता एवं श्री अमरनाथ, सहायक अभियन्ता विकास प्राधिकरण द्वारा दिनांक 30.08.2011 को कर लिया गया है एवं विकास कार्य प्राधिकरण द्वारा विनियमित किये गये शमन मानचित्र के अनुरूप सही पाया गया है। अतः उत्तर प्रदेश नगर योजना और विकास अधिनियम, 1973 की धारा-15 क (2) के अर्न्तगत पूर्णता प्रमाण पत्र जारी किया जाता है।

हस्ताक्षर .....  
पदनाम .....

कार्यालय की मुहर ...प्रभारी अधिकारी (भवन)  
इलाहाबाद विकास प्राधिकरण  
इलाहाबाद

दिनांक 03.9.2011 .....





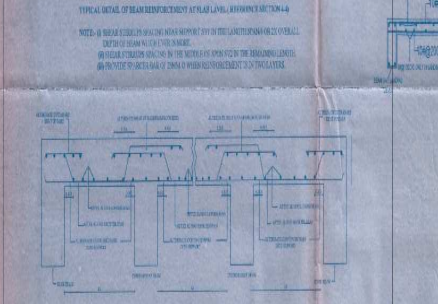
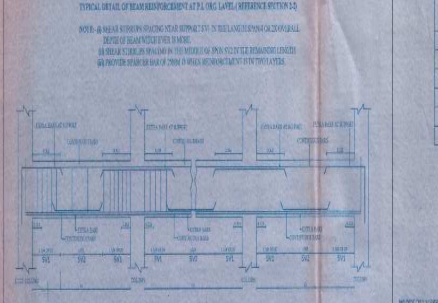
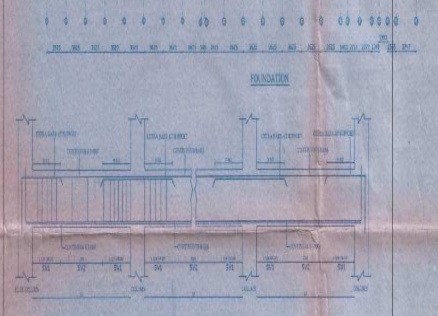
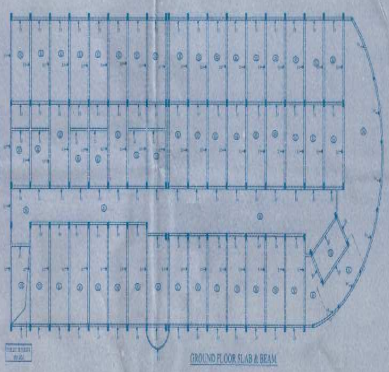
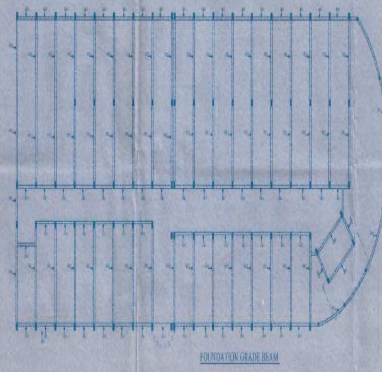
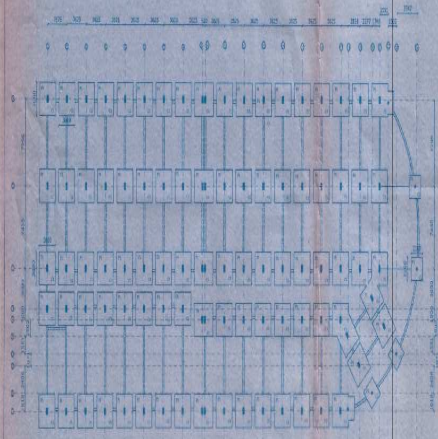
OWNER:

EXISTING ACADEMIC BUILDING (BLOCK D)  
 BIBIS ENGINEERING COLLEGE (GALDOPUR,  
 PHAPHAMAU, ALLAHABAD)

REGD. OFF. ENGINEER

65/2018  
 12/03/2018

Prepared by: Engineer



**SCHEDULE OF COLUMNS**

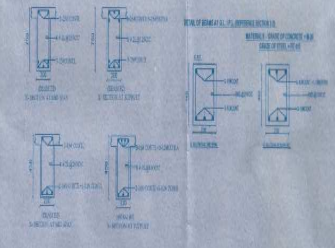
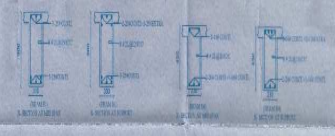
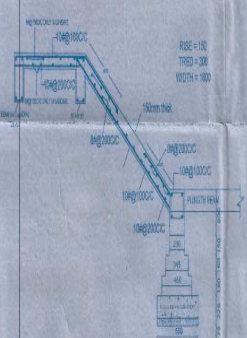
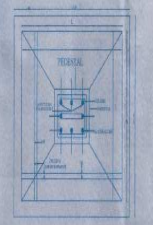
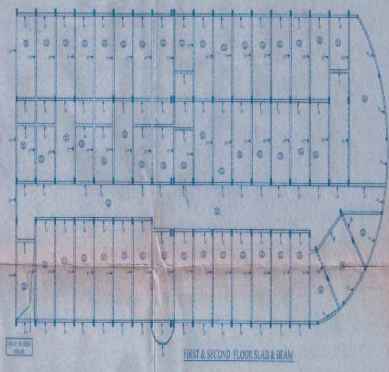
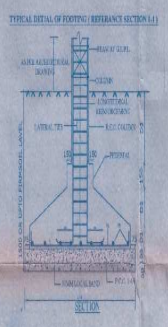
COL. NO.	SECTION	TYPE	MARKING	REMARKS
C-1	400	400	400	SEE SECTION 1.1
C-2	400	400	400	SEE SECTION 1.1
C-3	400	400	400	SEE SECTION 1.1

**SCHEDULE OF ISOLATED FOOTINGS**

FOOTING NO.	SECTION	TYPE	MARKING	REMARKS
F-1	400	400	400	SEE SECTION 1.1
F-2	400	400	400	SEE SECTION 1.1
F-3	400	400	400	SEE SECTION 1.1

**SCHEDULE OF SLAB**

FLOOR	SECTION	TYPE	MARKING	REMARKS
S-1	400	400	400	SEE SECTION 1.1
S-2	400	400	400	SEE SECTION 1.1
S-3	400	400	400	SEE SECTION 1.1



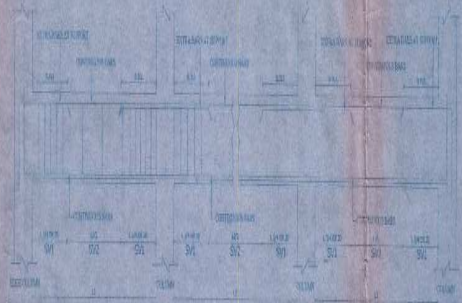
EXISTING WORK SHOP BUILDING  
MECHANICAL & CIVIL DEPARTMENT  
B.B.S. ENGINEERING COLLEGE GADDOPUR,  
PHAPHAMAU, ALLAHABAD

OWNER:

SIGN OF OWNER

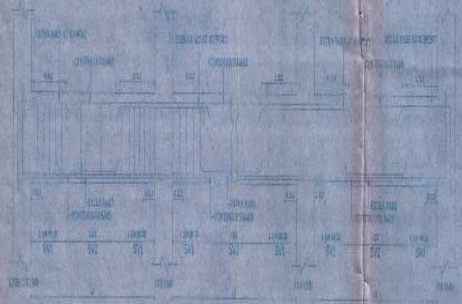
SIGN OF ENGINEER

Structural Engineer



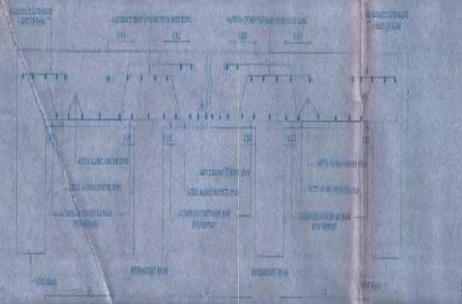
TYPICAL DETAIL OF BEAM REINFORCEMENT AT R.L. LEVEL, REFERENCE SECTION 2A

NOTE: (i) BEAM STIRRUPS SPACING NEAR SUPPORTS IN THE AREA OF SUPPORTS SHALL BE COVERED DEPTH OF BEAM WITH EYE BARS.  
 (ii) BEAM STIRRUPS SPACING IN THE AREA OF SUPPORTS SHALL BE 1/4th OF THE BEAM DEPTH.  
 (iii) IN THE SPAN AREA, THE SPACING OF BEAM STIRRUPS SHALL BE 1/4th OF THE BEAM DEPTH.



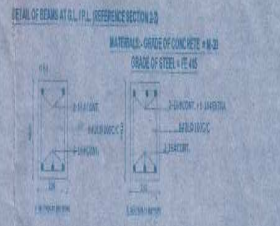
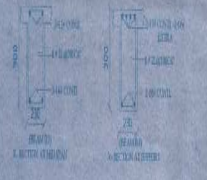
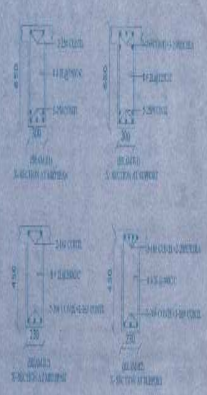
TYPICAL DETAIL OF BEAM REINFORCEMENT AT SLAB LEVEL, REFERENCE SECTION 3A

NOTE: (i) BEAM STIRRUPS SPACING NEAR SUPPORTS IN THE AREA OF SUPPORTS SHALL BE COVERED DEPTH OF BEAM WITH EYE BARS.  
 (ii) BEAM STIRRUPS SPACING IN THE AREA OF SUPPORTS SHALL BE 1/4th OF THE BEAM DEPTH.  
 (iii) IN THE SPAN AREA, THE SPACING OF BEAM STIRRUPS SHALL BE 1/4th OF THE BEAM DEPTH.



TYPICAL DETAIL OF SLAB REINFORCEMENT, REFERENCE SECTION 3B

NOTE: (i) BEAM STIRRUPS SPACING NEAR SUPPORTS IN THE AREA OF SUPPORTS SHALL BE COVERED DEPTH OF BEAM WITH EYE BARS.  
 (ii) BEAM STIRRUPS SPACING IN THE AREA OF SUPPORTS SHALL BE 1/4th OF THE BEAM DEPTH.  
 (iii) IN THE SPAN AREA, THE SPACING OF BEAM STIRRUPS SHALL BE 1/4th OF THE BEAM DEPTH.



SCHEDULE OF SLAB

SLAB NO.	THICKNESS (MM)	REINFORCEMENT (TOP)	REINFORCEMENT (BOTTOM)	REINFORCEMENT (SIDE)	REMARKS
1	125	10@150	10@150	10@150	REFERENCE SECTION 2A
2	125	10@150	10@150	10@150	REFERENCE SECTION 2A
3	125	10@150	10@150	10@150	REFERENCE SECTION 2A
4	125	10@150	10@150	10@150	REFERENCE SECTION 2A

SCHEDULE OF COLUMNS

COLUMN NO.	SECTION	HEIGHT (MM)	REINFORCEMENT		REMARKS
			LONGITUDINAL	STIRRUPS	
C-1	125x125	1200	10@150	10@150	REF. SECTION 1
C-2	125x125	1200	10@150	10@150	REF. SECTION 1
C-3	125x125	1200	10@150	10@150	REF. SECTION 1

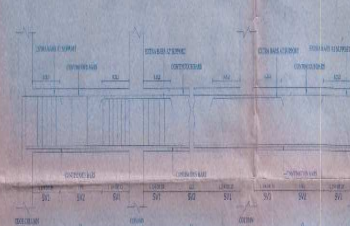
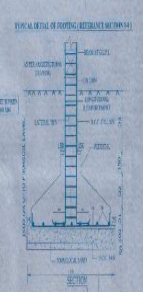
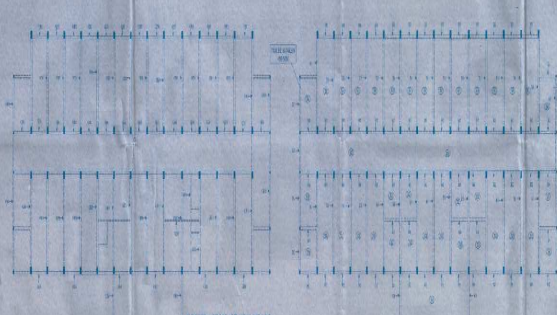
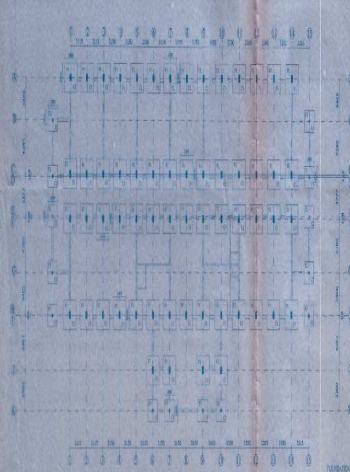
SCHEDULE OF ISOLATED FOOTINGS

FOOTING NO.	SECTION	LENGTH (MM)	WIDTH (MM)	REINFORCEMENT	REMARKS
F-1	125x125	1200	1200	10@150	REF. SECTION 1
F-2	125x125	1200	1200	10@150	REF. SECTION 1
F-3	125x125	1200	1200	10@150	REF. SECTION 1



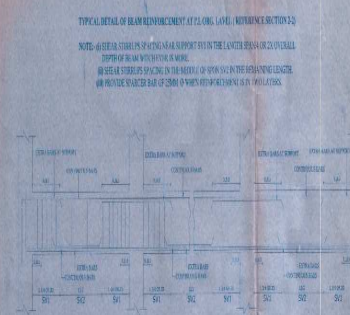
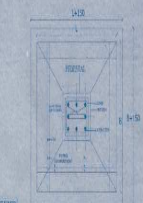
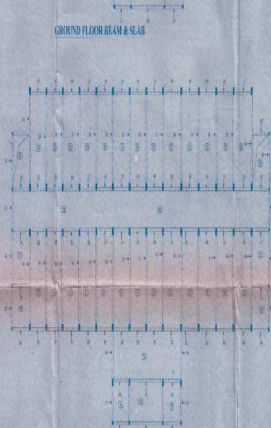
EXISTING ACADEMIC BUILDING (BLOCK - C)  
 B.E.S. ENGINEERING COLLEGE, CHANDRANUR,  
 PHARMANU, ALLAHABAD

OWNER:  
 SKIN OF OWNER:  
 CONSULTANTS:  
 B.S. ENGINEERING COLLEGE  
 CHANDRANUR, PHARMANU  
 ALLAHABAD  
 U.P.



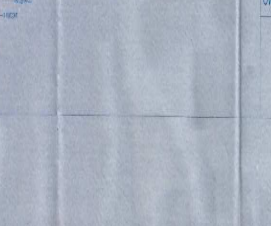
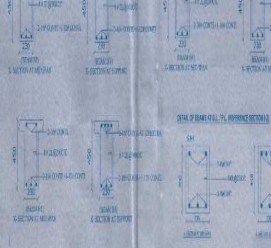
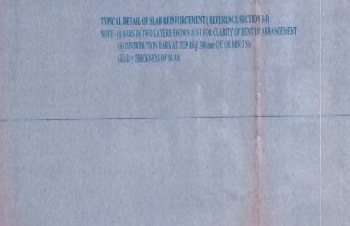
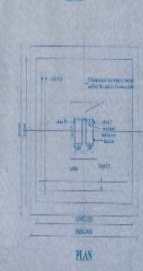
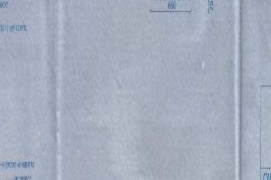
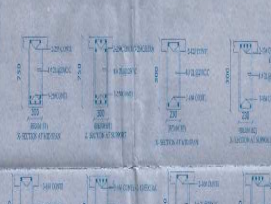
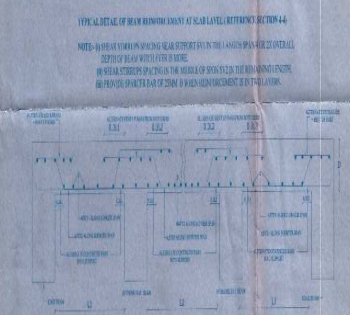
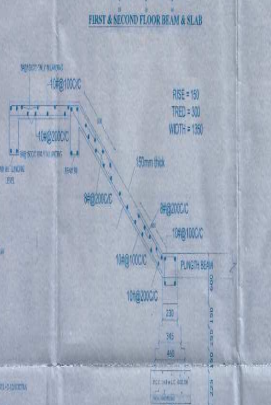
**SCHEDULE OF COLUMNS**

COLNO.	SECTIONAL DIMENSIONS	LEVELS	REMARKS
C1	1200x750	GROUND FLOOR, 1ST FLOOR	80# REINFORCING
C2	1200x750	GROUND FLOOR, 1ST FLOOR	80# REINFORCING
C3	1200x750	GROUND FLOOR, 1ST FLOOR	80# REINFORCING



**SCHEDULE OF SLAB REINFORCEMENT**

SLAB NO.	SECTIONAL DIMENSIONS	LEVELS	REMARKS
S1	1200x750	GROUND FLOOR, 1ST FLOOR	80# REINFORCING
S2	1200x750	GROUND FLOOR, 1ST FLOOR	80# REINFORCING
S3	1200x750	GROUND FLOOR, 1ST FLOOR	80# REINFORCING



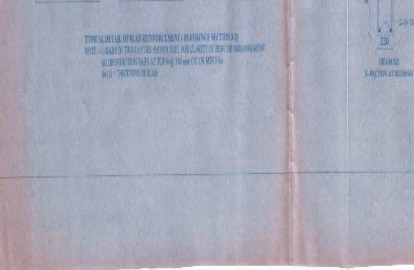
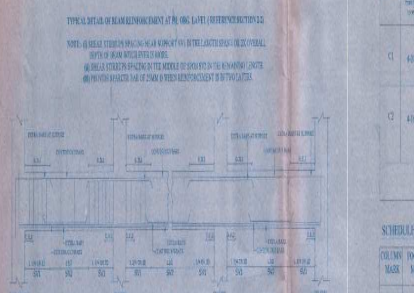
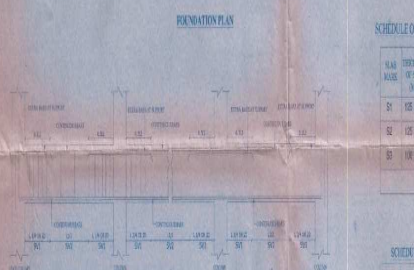
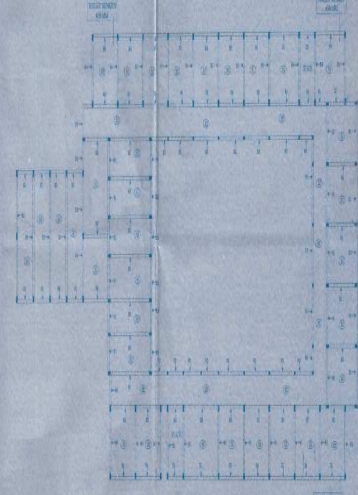
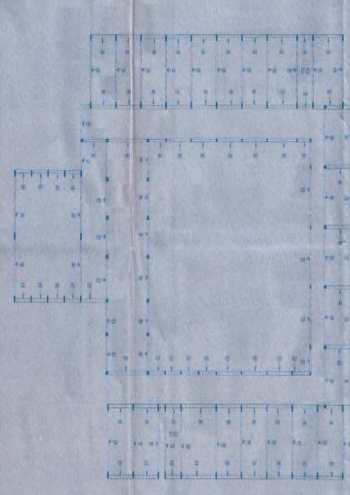
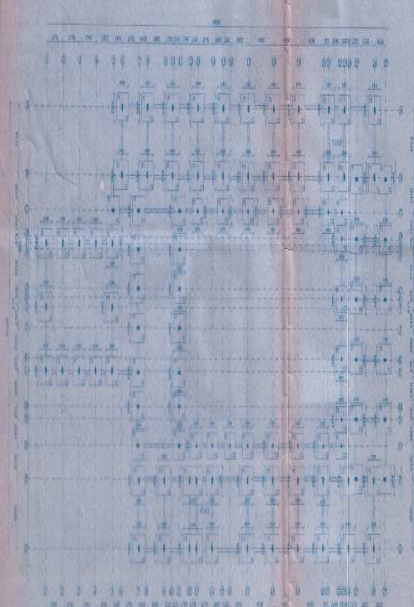
EXISTING M.B.A. BUILDING  
 B.E.S. ENGINEERING COLLEGE CHDOPUR,  
 PAPHANAWI, ALAHABAD

OWNER: \_\_\_\_\_

SIGN OF OWNER: \_\_\_\_\_

SIGN OF ENGINEER: \_\_\_\_\_

Engr. M. Chandra  
 B.E. in Civil  
 Structural Engineer



SCHEDULE OF SLAB

SLAB	THICKNESS	REINFORCEMENT AT TOP	REINFORCEMENT AT BOTTOM	REMARKS
NO.	MM	AREA PERCENT	AREA PERCENT	
S1	125 MM	0.8% @ 200	0.8% @ 200	REF. SECTION 12
S2	125 MM	0.8% @ 200	0.8% @ 200	REF. SECTION 13
S3	125 MM	0.8% @ 200	0.8% @ 200	REF. SECTION 14

GRADE OF CONCRETE IS M20 GRADE OF STEEL IS Fe 415

SCHEDULE OF COLUMNS

COLUMN	SECTIONAL DIMENSION	LATERALS	DETAILS	REMARKS
C1	400x400	8	REF. SECTION 16	REF. SECTION 16
C2	400	4	REF. SECTION 17	REF. SECTION 17

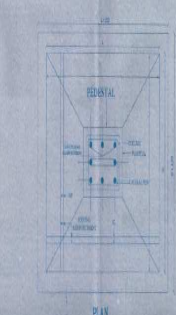
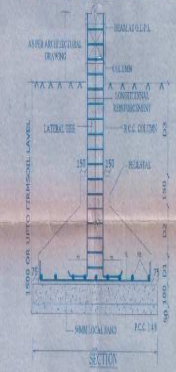
GRADE OF CONCRETE IS M20 GRADE OF STEEL IS Fe 415

SCHEDULE OF ISOLATED FOOTINGS

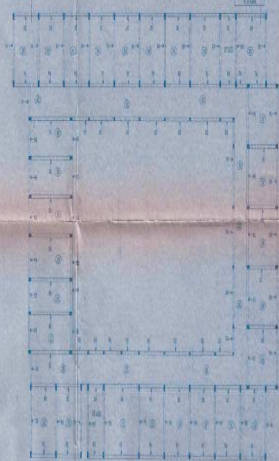
FOOTING	SECTIONAL DIMENSION	REINFORCEMENT	DETAILS	REMARKS
F1	400x400	8	REF. SECTION 18	REF. SECTION 18
F2	400	4	REF. SECTION 19	REF. SECTION 19

GRADE OF CONCRETE IS M20 GRADE OF STEEL IS Fe 415

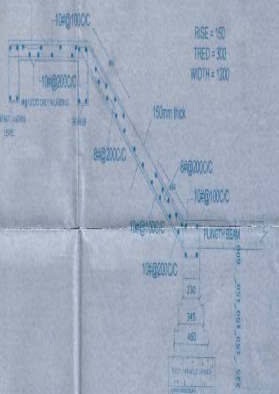
TYPICAL DETAIL OF FOOTING (REFERENCE SECTION 1)



GROUND FLOOR BEAM & SLAB

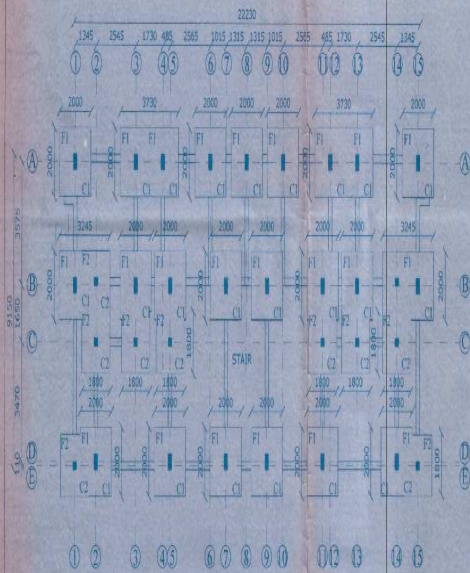


FIRST FLOOR BEAM & SLAB

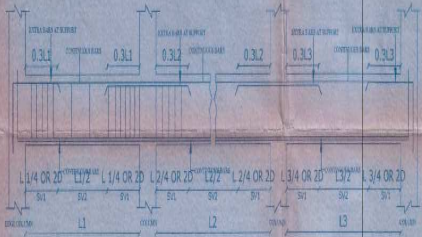


EXISTING GIRLS HOSTEL BUILDING (BLOCK - D)  
B.B.S. ENGINEERING COLLEGE GADGOPI,  
PHAPHAMAU, ALLAHABAD

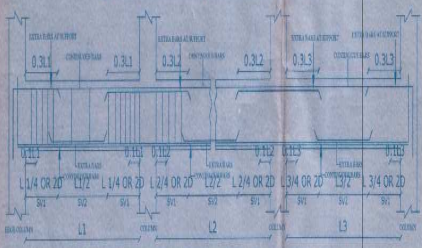
OWNER:  
SIGN OF OWNER  
SIGN OF ENGINEER  
SHUBHAM P. SINGH



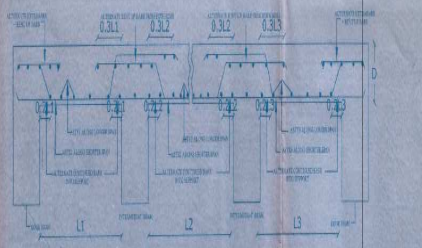
FOUNDATION PLAN



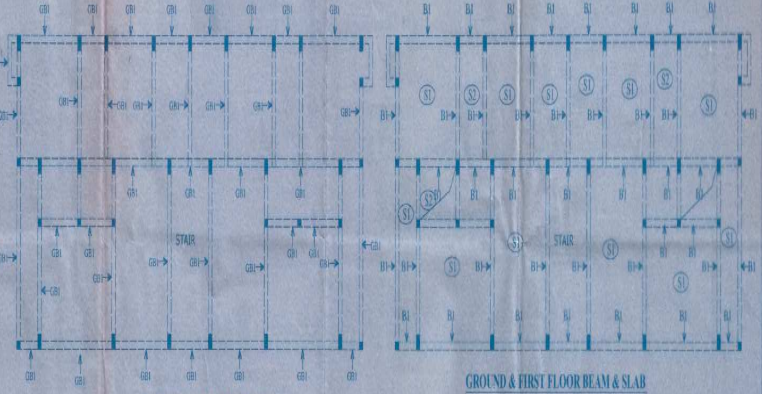
NOTE: (i) SEE BAR SPACING NEAR SUPPORT 5% IN THE LENGTH OF BAR FOR THE OVERALL DEPTH OF BEAM WITH EVERY BAR.  
 (ii) SEE BAR SPACING IN THE MIDDLE OF SPAN 5% IN THE LENGTH OF BAR.  
 (iii) PROVIDE SPACER BAR OF 8# OR 10# WHEN REINFORCEMENT IS TWO LAYERS.



NOTE: (i) SEE BAR SPACING NEAR SUPPORT 5% IN THE LENGTH OF BAR OR OVERALL DEPTH OF BEAM WITH EVERY BAR.  
 (ii) SEE BAR SPACING IN THE MIDDLE OF SPAN 5% IN THE LENGTH OF BAR.  
 (iii) PROVIDE SPACER BAR OF 8# OR 10# WHEN REINFORCEMENT IS TWO LAYERS.



NOTE: (i) DRAW TWO LAYERS SHOWN JUST FOR CLARITY OF BENT UP ARRANGEMENT.  
 (ii) DISTRIBUTION BARS AT TOP ARE 8# OR 10# OR 12#.  
 (iii) D = THICKNESS OF SLAB.



GROUND & FIRST FLOOR BEAM & SLAB

FOUNDATION (GRADE BEAM)

SCHEDULE OF SLAB

SLAB MARK	THICKNESS OF SLAB (MM)	REINFORCEMENT AT BOTTOM OF SLAB AT MID SPAN	REINFORCEMENT AT TOP OF SLAB AT SUPPORTS	REMARK
S1	125 MM	10# @ 150C 8# @ 200C	10# @ 150C 8# @ 200C	REFERENCE SECTION 5-B
S2	100 MM	8# @ 150C 8# @ 200C	8# @ 150C 8# @ 200C	REFERENCE SECTION 5-B

GRADE OF CONCRETE M-20, GRADE OF STEEL FE-415

SCHEDULE OF COLUMNS

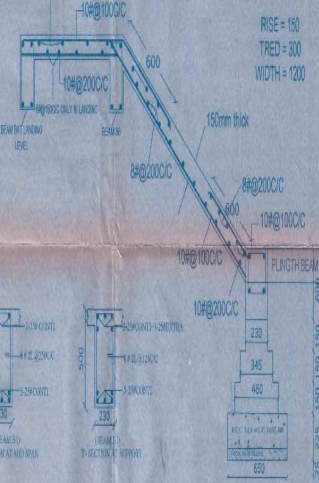
COLUMN	LONGITUDINAL REINFORCEMENT	LATERAL TIES	DETAILS	REMARK
C1	4-20# @ 150	8# @ 150C	SEE SECTION 5-5	
C2	4-16#	8# @ 150C	SEE SECTION 5-5	

GRADE OF CONCRETE M-20, GRADE OF STEEL FE-415

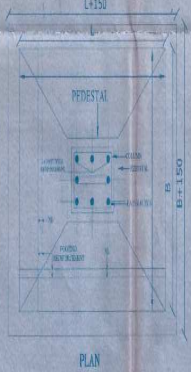
SCHEDULE OF ISOLATED FOOTINGS

COLUMN MARK	FOOTING MARK	SIZE OF FOOTING	REINFORCEMENT IN THE FOOTING	DL	UL	BL	REMARKS
C1	F1	2000x3000	10# @ 100C 10# @ 100C	150	600	450	REFERENCE SECTION 1-1
C2	F2	1600x1500	8# @ 100C 8# @ 100C	150	600	450	REFERENCE SECTION 1-1

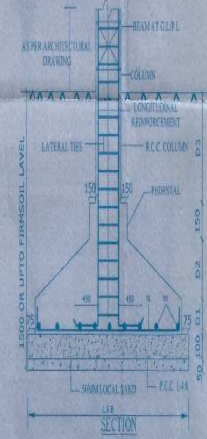
GRADE OF CONCRETE M-20, GRADE OF STEEL FE-415



TYPICAL DETAIL OF FOOTING (REFERENCE SECTION 1-1)



PLAN



SECTION

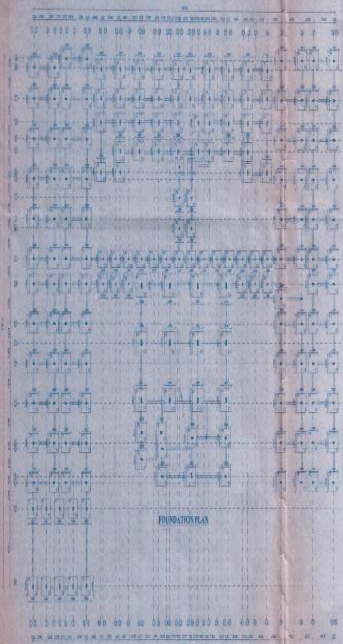
EXISTING STAFF BUILDING PLAN FOR  
 B.B.S. ENGINEERING COLLEGE GADDOPUR,  
 PHAPHAMAU, ALLAHABAD

OWNER: \_\_\_\_\_

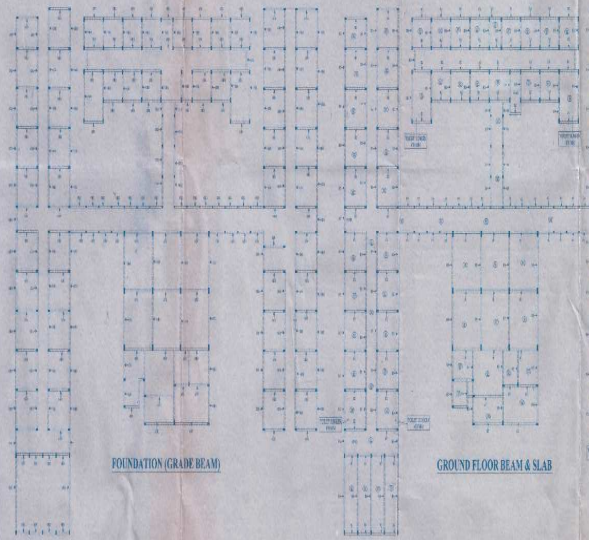
SIGN. OF OWNER \_\_\_\_\_

SIGN. OF ENGINEER \_\_\_\_\_

B.E.T. W.  
 Structural Engineer

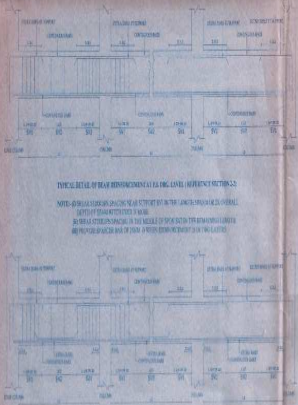
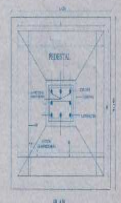
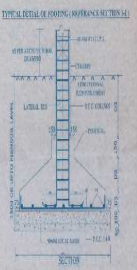


FOUNDATION PLAN

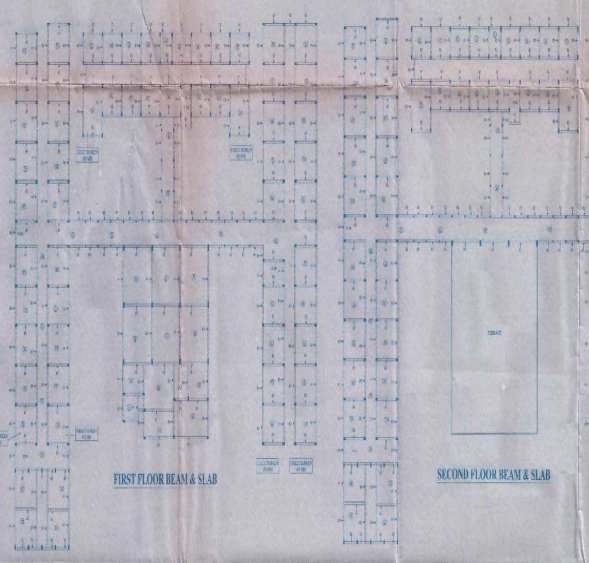


FOUNDATION (GRADE BEAM)

GROUND FLOOR BEAM & SLAB

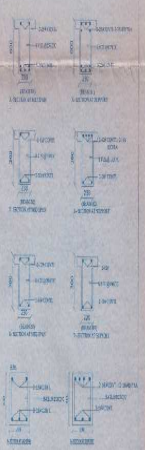


TYPICAL DETAIL OF BEAM REINFORCEMENT AT THE LEVEL REFERENCE SECTION 2



FIRST FLOOR BEAM & SLAB

SECOND FLOOR BEAM & SLAB



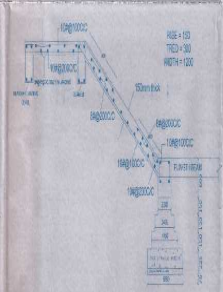
TYPICAL DETAIL OF BEAM REINFORCEMENT AT THE LEVEL REFERENCE SECTION 3

SCHEDULE OF SLAB

SLAB NO.	THICKNESS	REINFORCEMENT	REMARKS
1	120	8mm @ 150mm	GROUND FLOOR
2	120	8mm @ 150mm	FIRST FLOOR
3	120	8mm @ 150mm	SECOND FLOOR

SCHEDULE OF COLUMN

COL. NO.	SECTION	REINFORCEMENT	REMARKS
1	300x300	8mm @ 150mm	GROUND FLOOR
2	300x300	8mm @ 150mm	FIRST FLOOR
3	300x300	8mm @ 150mm	SECOND FLOOR



EXISTING BOYS HOSTEL BUILDING (BLOCK - H)  
B.B.S. ENGINEERING COLLEGE GADDOPUR,  
PHAPHAMAU, ALLAHABAD

Signature of Engineer  
Signature of Owner  
En. S. P. Singh  
Structural Engineer