

**FIRST FLOOR PLAN**

PROPOSED STRUCTURE = 717.00 SQ. MT.  
 SCIENCE BLOCK (FOR FUTURE) = 136.00 SQ. MT. + PORCH AREA = 8.00 SQ. MT.

**REFERENCES:-**

JOB NO.	DRG. NO.	REFER FOR
7851	34	LAYOUT PLAN
7851	35 To 41	WORKING DRAWING (REVISED)
7851	16	SPECIFICATION

**REVISION NOTE:-**

S. N.	DATE	DESCRIPTION
1	2-6-2018	THESE DRAWINGS HAVE BEEN REVISED AS PER LETTER RECEIVED FROM DIRECTOR OF HIGHER EDUCATION HP VIDE HIS OFFICE LETTER NO. EDN-H(93-63/98) (GC NERWA) DATED 17 JANUARY 2018.
2	26-10-2019	THESE DRAWINGS HAVE BEEN REVISED AS PER LETTER RECEIVED FROM DIRECTOR OF HIGHER EDUCATION HP VIDE HIS OFFICE LETTER NO. EDN-HE(91-1/1) BUDGET/2019-20 (BUDGET) DATED 30 APRIL 2018.
3	19-05-2020	THESE DRAWINGS HAVE BEEN REVISED AS PER LETTER RECEIVED FROM DIRECTOR OF HIGHER EDUCATION HP VIDE HIS OFFICE LETTER NO. EDN-H(93-63/98) (GC NERWA) ON DATED 28 DECEMBER 2019.

*AR. P.S. NEGI*  
 CHIEF ARCHITECT (C.A. 782/15300)  
*AR. AMITA GUPTA*  
 SENIOR ARCHITECT (C.A. 98/12677)  
*AR. K.S. CHAUHAN*  
 ARCHITECT (C.A. 23/18225)  
*AR. DAVINDER MISTA*  
 ASSTT. ARCHITECT (C.A. 188/23223)

**O/O THE CHIEF-ARCHITECT**  
**H.P.P.W.D. NIRMAN BHAWAN,**  
**NIGAM VIHAR SHIMLA-2 (H.P.)**

SCALE:- 1:100      DATE:- 19-05-2020

JOB NO.	DRG. NO.
7851	36

CHAMAN  
SR. DRAUGHTSMAN

**GOVERNMENT DEGREE COLLEGE,**  
**CHOPAL DISTT. SHIMLA H.P.**

REVISED WORKING DRAWING

FIRST FLOOR PLAN

*Pedrao*  
 Principal  
 Govt. Degree College  
 Chopal, Distt. Shimla H.P.

**SUPERSESSION NOTE:-**

THESE DRAWINGS BEARING NOS. 34 TO 41 SUPERSEDES DRAWING NOS 26 TO 33

**APPROVAL NOTE:-**

DEG. NO 34 TO 41 OF JOB NO HAVE BEEN APPROVED BY DIRECTOR (HIGHER EDUCATION) H.P. VIDE LETTER NO: H(9)C(S)9/2020 -A/A/B/S SHIMLA HIGHER EDUCATION SHIMLA

**REFERENCES:-**

JOB NO.	DRG. NO.	REFER FOR
7851	34	LAYOUT PLAN
7851	35 TO 41	WORKING DRAWING (REVISED)
7851	16	SPECIFICATION

**NOTE:-**

- ALL DIMENSIONS ARE IN CMS.
- ALL VERTICAL HEIGHTS SHALL BE TAKEN FROM FINISHED FLOOR LEVEL.
- FOR DETAILS OF STAIRS, TOILETS, LABS, PORCH REFER SEPARATE DRAWINGS.

**AREA STATEMENT:-**

PROPOSED BASEMENT FLOOR	-320.00 SQ.MT.
PROPOSED GROUND FLOOR	-612.00 SQ.MT.
PROPOSED FIRST FLOOR	-717.00 SQ.MT.
PROPOSED SECOND FLOOR	-717.00 SQ.MT.
PROPOSED THIRD FLOOR	-740.00 SQ.MT.
<b>TOTAL FLOOR AREA</b>	<b>-3106.00 SQ.MT.</b>

**AREA STATEMENT:-**

(SCIENCE BLOCK-FUTURE EXPANSION)

PROPOSED FIRST FLOOR	-144.00 SQ.MT.
PROPOSED SECOND FLOOR	-136.00 SQ.MT.
PROPOSED THIRD FLOOR	-136.00 SQ.MT.
<b>TOTAL FLOOR AREA</b>	<b>-416.00 SQ.MT.</b>

**SCHEDULE OF JOINERY:-**

S.NO.	TYPE	WIDTH	HEIGHT	CILL	DESCRIPTION
1.	DD	80	185	25	DUCT DOOR TO DETAIL
2.	D	75	205	---	DOOR SINGLE HUNG TO DTL.
3.	D1	90	205	---	DOOR SINGLE HUNG TO DTL.
4.	SD	90	205	---	SWING DOOR TO DTL.
5.	D2	120	205	---	DOOR DOUBLE HUNG TO DTL.
6.	D2'	120	250	---	DOOR DOUBLE HUNG TO DTL.
7.	D3	150	205	---	DOOR DOUBLE HUNG TO DTL.
8.	D4	80+150+80	205	85	MAIN ENTRY DOOR WITH SIDE GLAZING
9.	W	60	145	105	GLAZED WINDOW TO DETAIL
10.	W1	60	180	25	SLIT GLAZED WINDOW TO DETAIL
11.	W2	105	165	85	PARTIALLY OPENABLE PARTIALLY FIXED GLAZED WINDOW
12.	W3	105	145	105	PARTIALLY OPENABLE PARTIALLY FIXED GLAZED WINDOW
13.	W3'	105	120	85	PARTIALLY OPENABLE PARTIALLY FIXED GLAZED WINDOW
14.	FG	210	100	105	FIXED GLAZED FEE COUNTER WINDOW
15.	W4	105	120	120	GABLE WINDOW TO DETAIL
16.	GW	150	120	85	M. S. GRILL TO DETAIL
17.	DW	105	120	60	DORMER WINDOW TO DETAIL
18.	V1	105	45	70	VENTILATOR TO DETAIL

**FOR FEASIBILITY & APPROVAL**

AR. P.S. NEGI  
CHIEF ARCHITECT (C.A. /92/15300)

AR. AMITA GUPTA  
SENIOR ARCHITECT (C.A. /89/12877)

AR. K.S. CHAUHAN  
ARCHITECT (C.A. /93/16225)

AR. DAVINDER MISTA  
ASSTT. ARCHITECT (C.A. /98/23223)

O/O THE CHIEF-ARCHITECT  
H.P.P.W.D. NIRMAN BHAWAN,  
NIGAM VIHAR SHIMLA-2 (H.P.)

SCALE:- 1:100

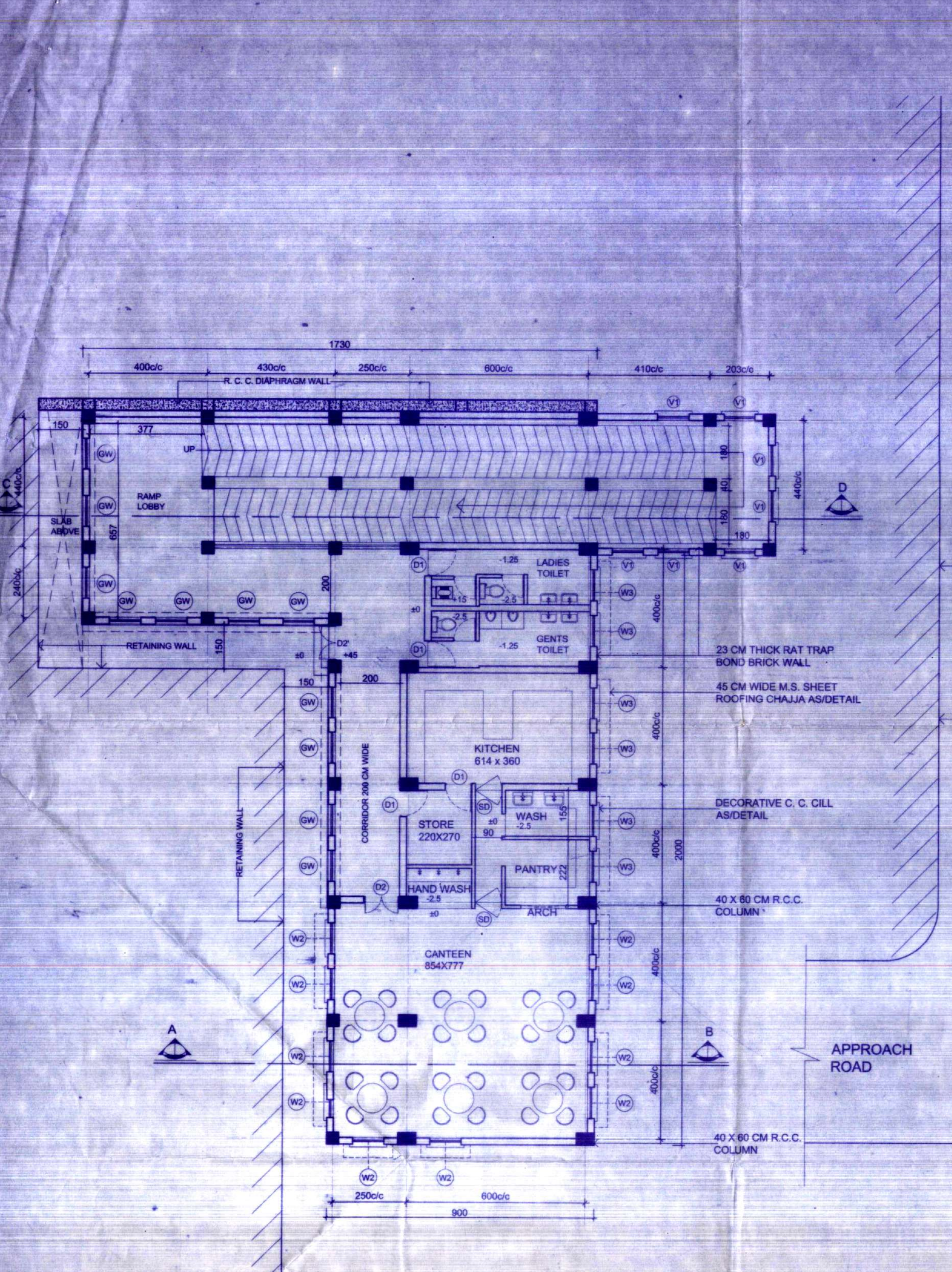
DATE:- 14-05-2020

JOB NO.	DRG. NO.
7851	35

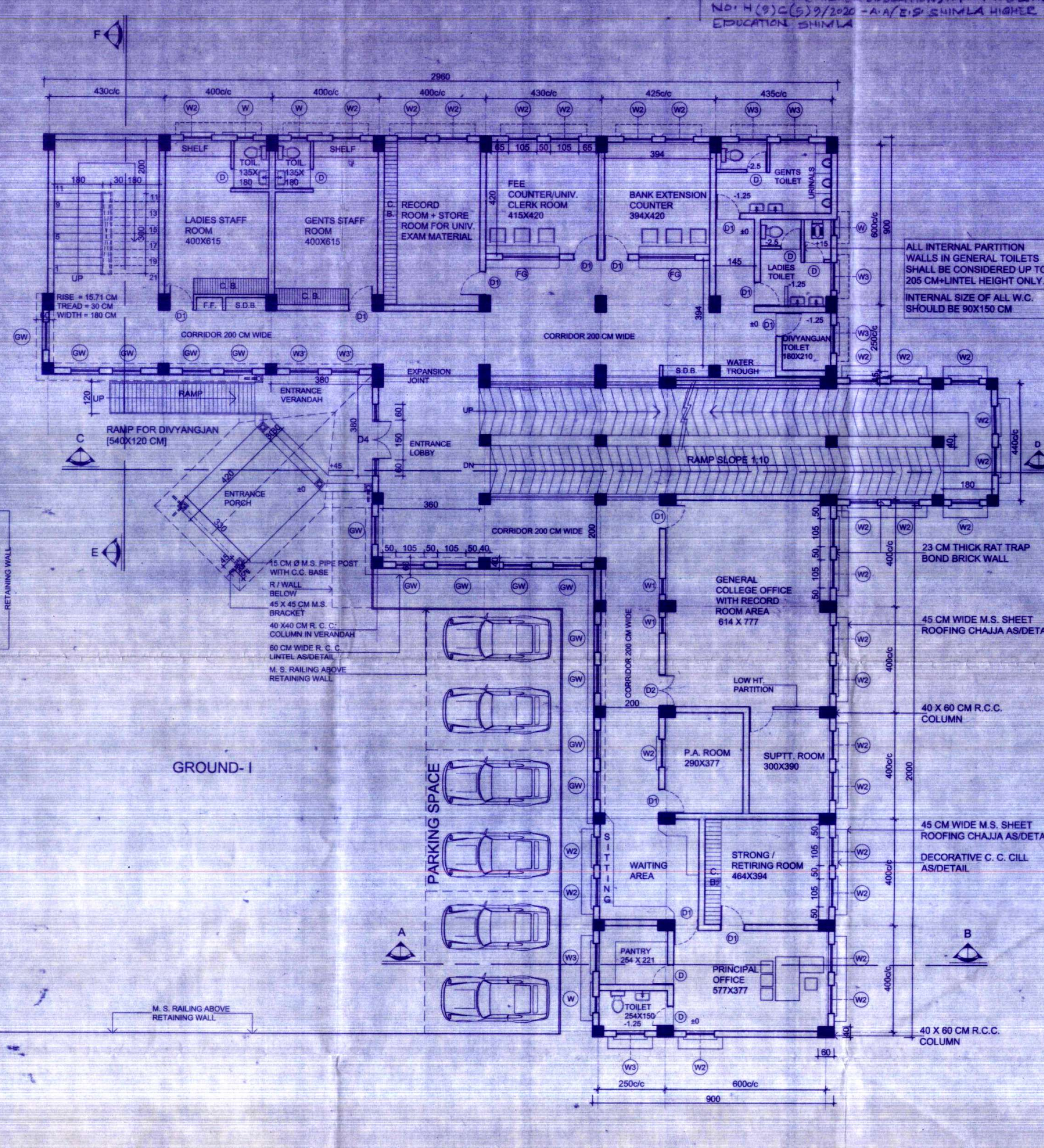
GOVERNMENT DEGREE COLLEGE,  
CHOPAL DISTT. SHIMLA H.P.

REVISED WORKING DRAWING

BASEMENT FLOOR PLAN &  
GROUND FLOOR PLAN

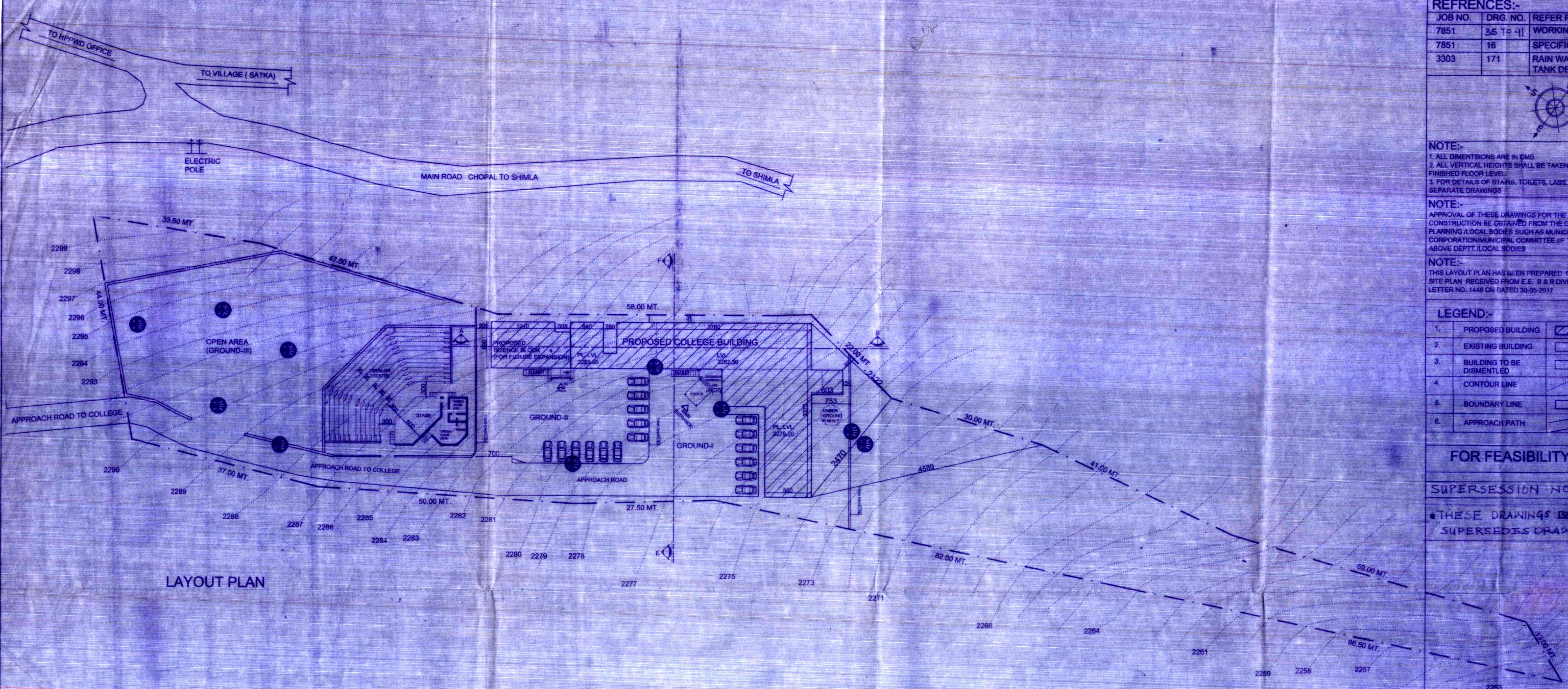


**BASEMENT FLOOR PLAN**  
TOTAL FLOOR AREA = 312.00 SQ. MT.

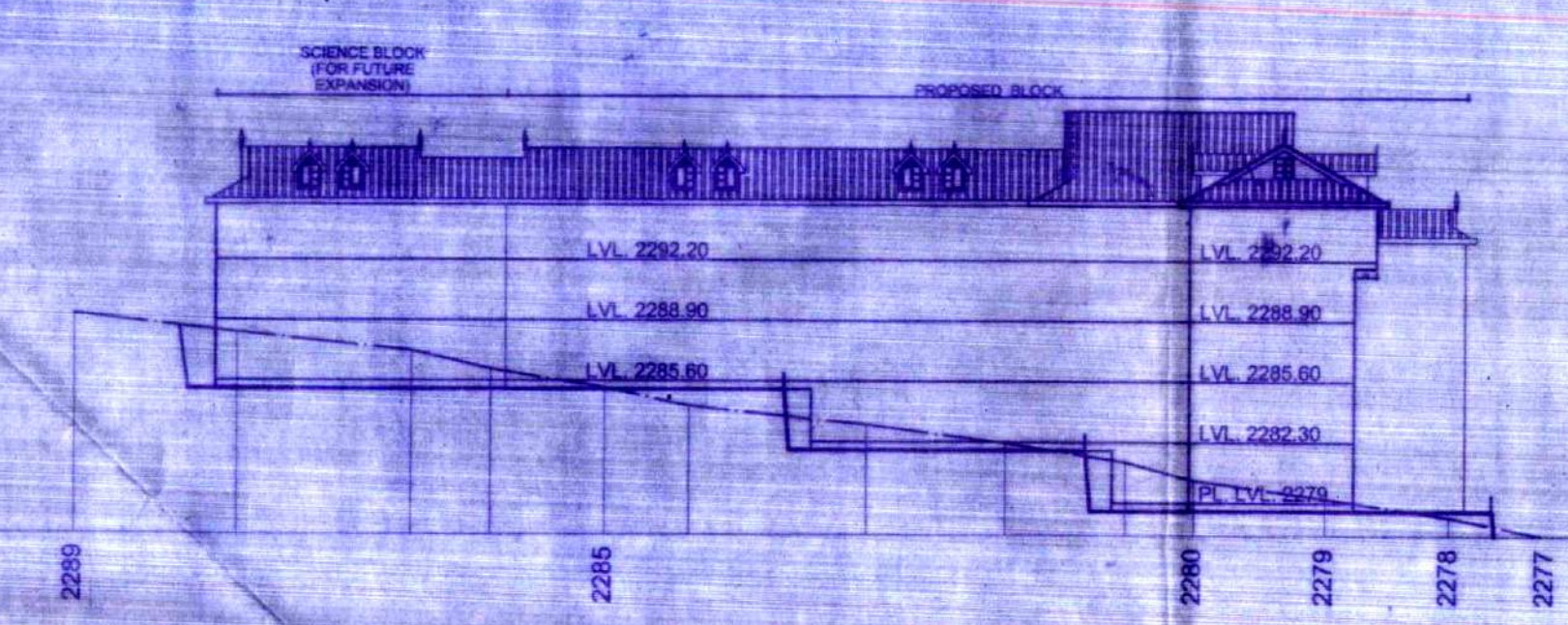


**GROUND FLOOR PLAN**  
TOTAL FLOOR AREA -(FLOOR AREA = 580.00 + PORCH AREA = 32.00) = 612.00 SQ. MT.

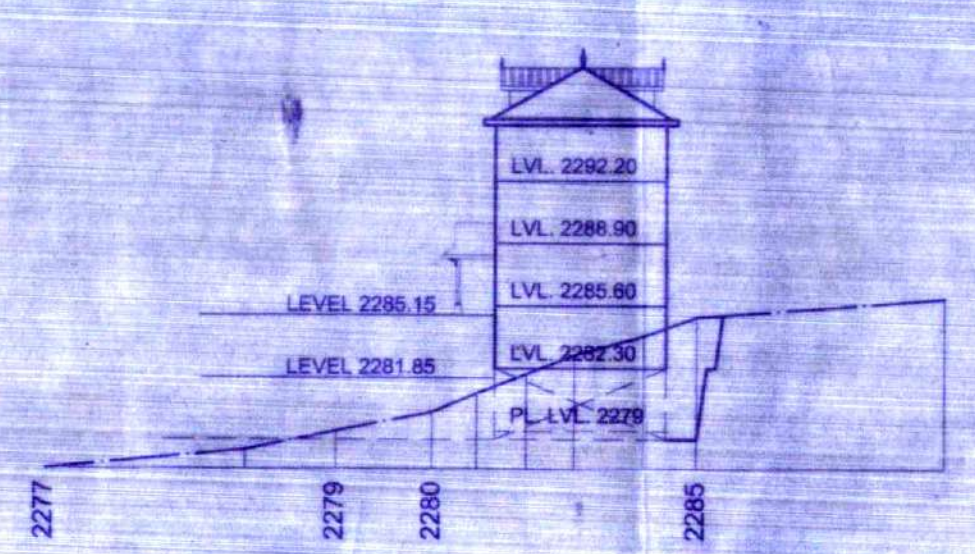
Principal  
Govt. Degree College  
Chopal Distt. Shimla H.P.



LAYOUT PLAN



SECTION AT A-B



SECTION AT E-F

**REFERENCES:-**

JOB NO.	DRG. NO.	REFER FOR
7851	35 TO 41	WORKING DRAWING (REVISED)
7851	16	SPECIFICATION
3303	171	RAIN WATER HARVESTING TANK DETAIL



**NOTE:-**  
 1. ALL DIMENSIONS ARE IN CMS.  
 2. ALL VERTICAL HEIGHTS SHALL BE TAKEN FROM FINISHED FLOOR LEVEL.  
 3. FOR DETAILS OF STAIRS, TOILETS, LABS, PORCH REFER SEPARATE DRAWINGS

**NOTE:-**  
 APPROVAL OF THESE DRAWINGS FOR THE PURPOSE OF CONSTRUCTION BE OBTAINED FROM THE DEPTT. OF TOWN & COUNTRY PLANNING / LOCAL BODIES SUCH AS MUNICIPAL CORPORATION/MUNICIPAL COMMITTEE (IF THE AREA FALLS UNDER ABOVE DEPTT./LOCAL BODIES)

**NOTE:-**  
 THIS LAYOUT PLAN HAS BEEN PREPARED ON THE BASIS OF CONTOUR SITE PLAN RECEIVED FROM E.E. B & R DIVISION, HPPWD, CHOPAL VIDE LETTER NO. 1448 ON DATED 30-05-2017

**LEGEND:-**

1.	PROPOSED BUILDING	
2.	EXISTING BUILDING	
3.	BUILDING TO BE DISMANTLED	
4.	CONTOUR LINE	
5.	BOUNDARY LINE	
6.	APPROACH PATH	

**FOR FEASIBILITY & APPROVAL**

**SUPERSESSION NOTE**

● THESE DRAWINGS BEARING NOS 34 TO 41 SUPERSEDES DRAWING NO 26 TO 33

*[Signature]*  
 AR. P.S. NEGI  
 CHIEF ARCHITECT (C.A./82/15300)

*[Signature]*  
 AR. AMITA GUPTA  
 SENIOR ARCHITECT (C.A./89/12677)

*[Signature]*  
 AR. K.S. CHAUHAN  
 ARCHITECT (C.A./93/16225)

*[Signature]*  
 AR. DAVINDER MISTA  
 ASSTT. ARCHITECT (C.A./98/23223)

**O/O THE CHIEF-ARCHITECT**  
**H.P.P.W.D. NIRMAN BHAWAN,**  
**NIGAM VIHAR SHIMLA-2 (H.P.)**

SCALE:- 1:400	DATE:- 19-05-2020
JOB NO. 7851	DRG. NO. 34
CHAMAN SR. DRAUGHTSMAN	14th CIRCLE

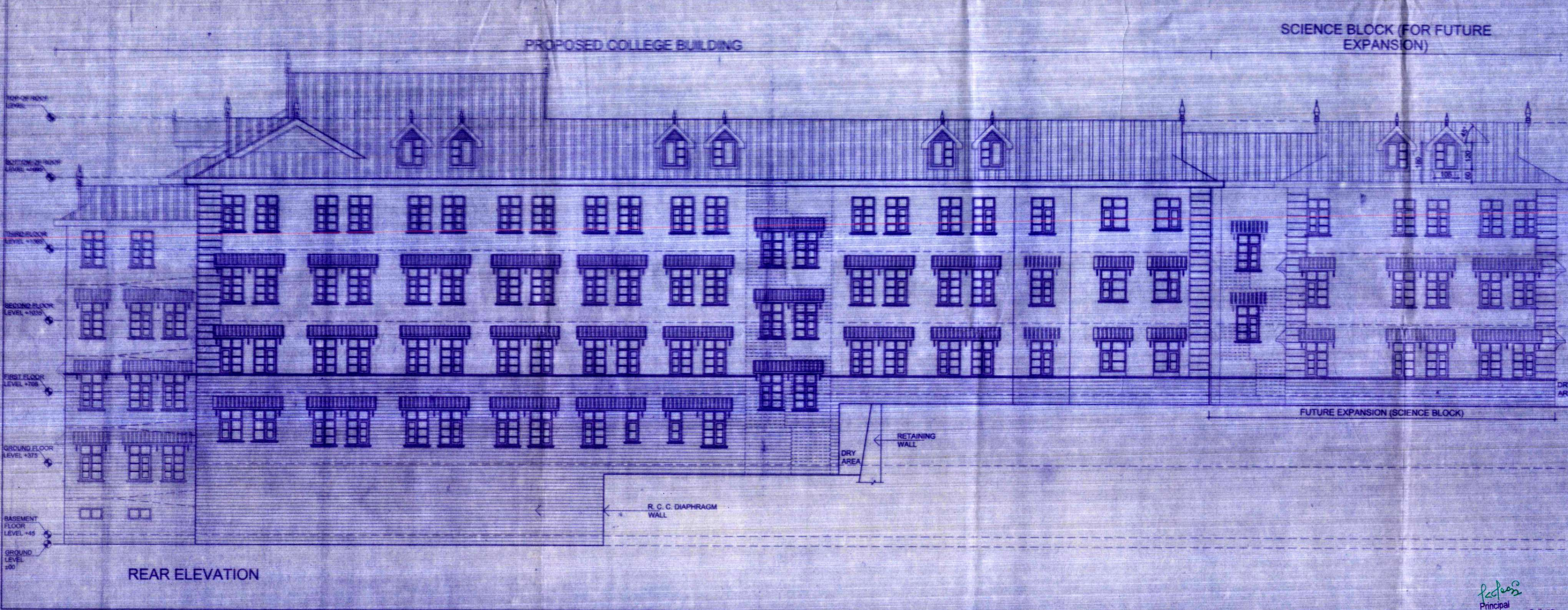
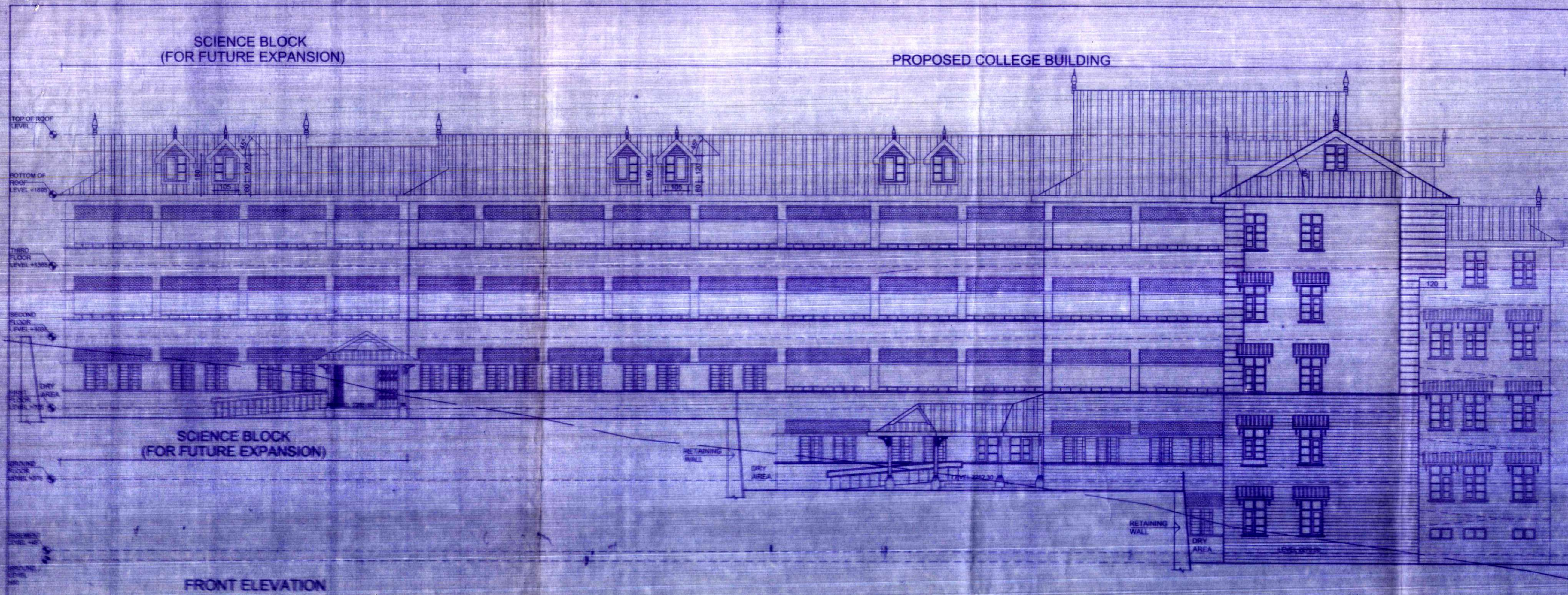
**GOVERNMENT DEGREE COLLEGE,**  
**CHOPAL DISTT. SHIMLA H.P.**

**REVISED WORKING DRAWING**

**LAYOUT PLAN & PROFILE SECTIONS**

*[Signature]*  
 Principal  
 Govt. Degree College  
 Chopal, Distt. Shimla H.P.

REFERENCES:-		
JOB NO.	DRG. NO.	REFER FOR
7851	34	LAYOUT PLAN
7851	35 To 41	WORKING DRAWING SET
7851	16	SPECIFICATION



AR. P.S. NEGI  
CHIEF ARCHITECT (C.A. 152/1330)

AR. AMITA GUPTA  
SENIOR ARCHITECT (C.A. 189/12577)

AR. K.S. CHAUHAN  
ARCHITECT (C.A. 89/18225)

AR. DAVINDER MEHTA  
ASSTT. ARCHITECT (C.A. 199/23223)

O/O THE CHIEF-ARCHITECT  
H.P.P.W.D. NIRMAN BHAWAN,  
NIGAM VIHAR SHIMLA-2 (H.P.)

SCALE:- 1:100      DATE:- 11-05-2020

JOB NO. 7851	DRG. NO. 40
14th CIRCLE	

CHAMAN  
SR. DRAUGHTSMAN

GOVERNMENT DEGREE COLLEGE,  
CHOPAL DISTT. SHIMLA H.P.

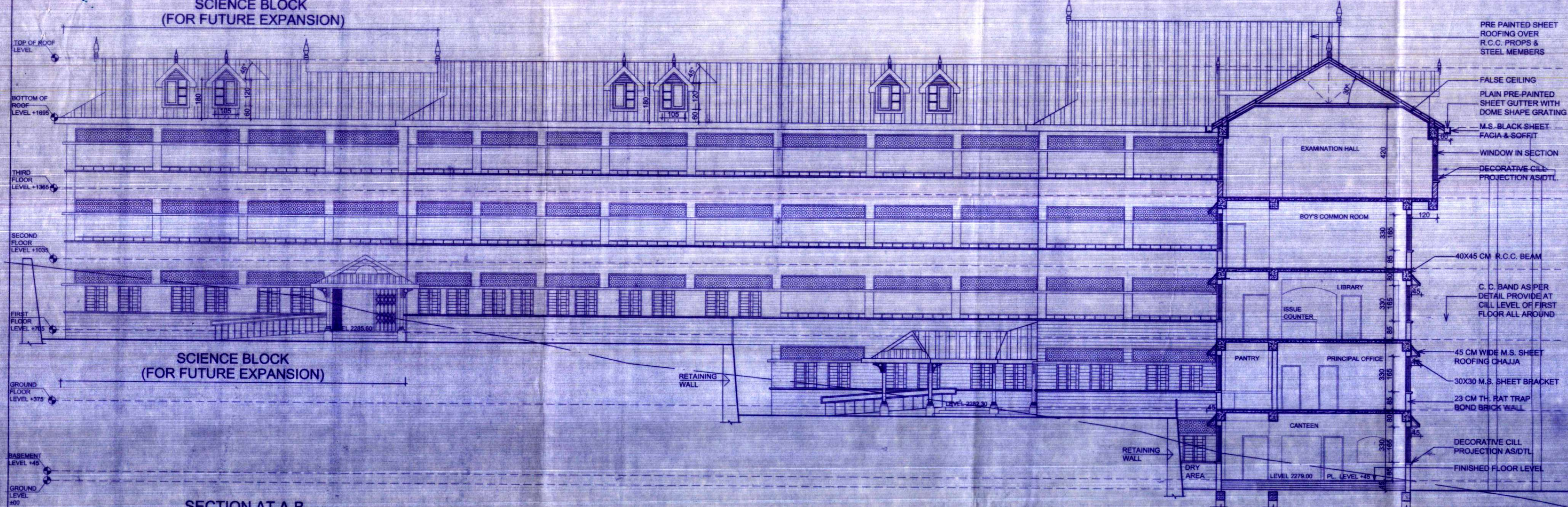
REVISED WORKING DRAWING

FRONT ELEVATION &  
REAR ELEVATION

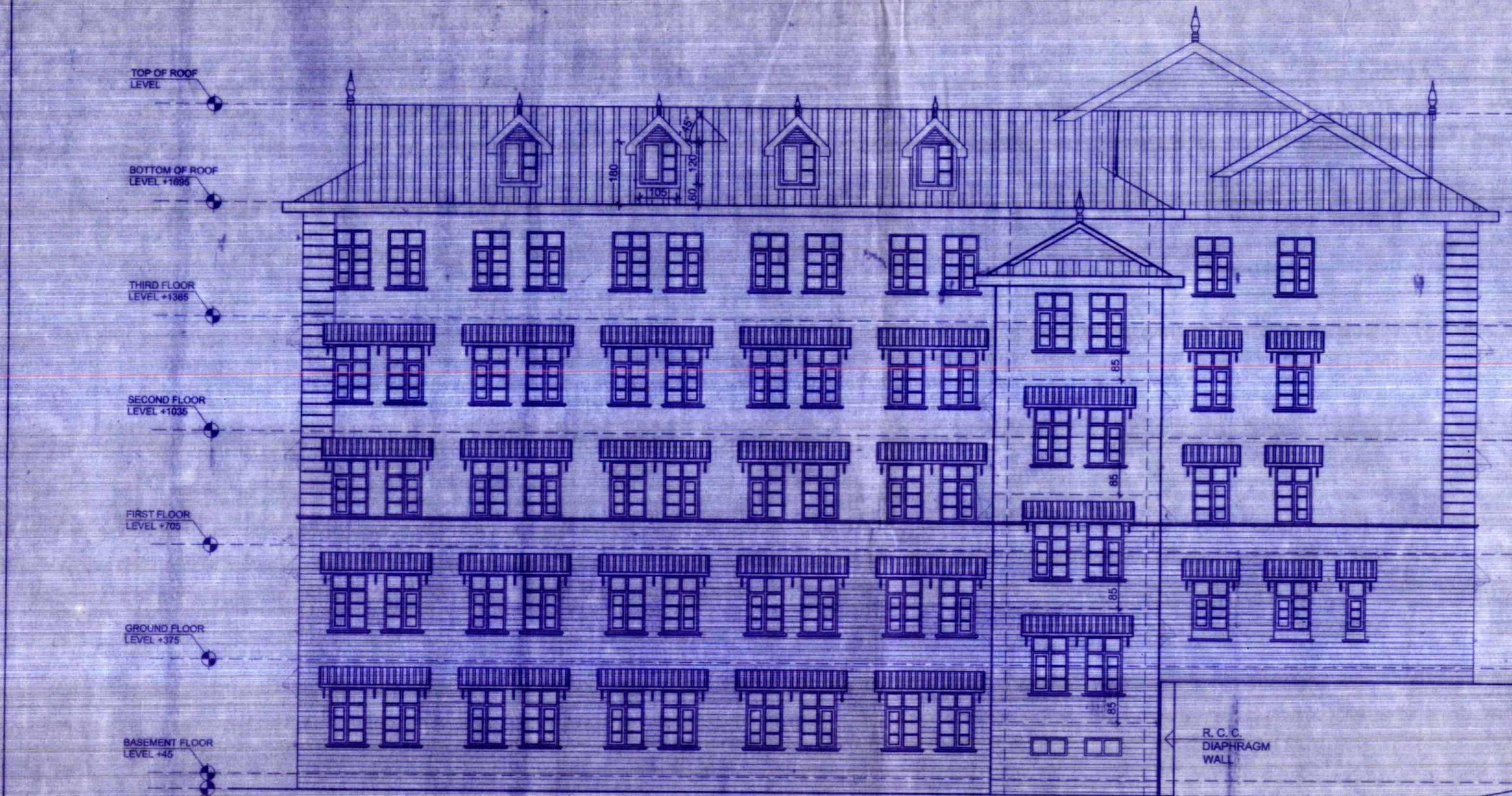
*Principal*  
Principal  
Govt. Degree College  
Chopal, Distt. Shimla H.P.

PROPOSED COLLEGE BUILDING

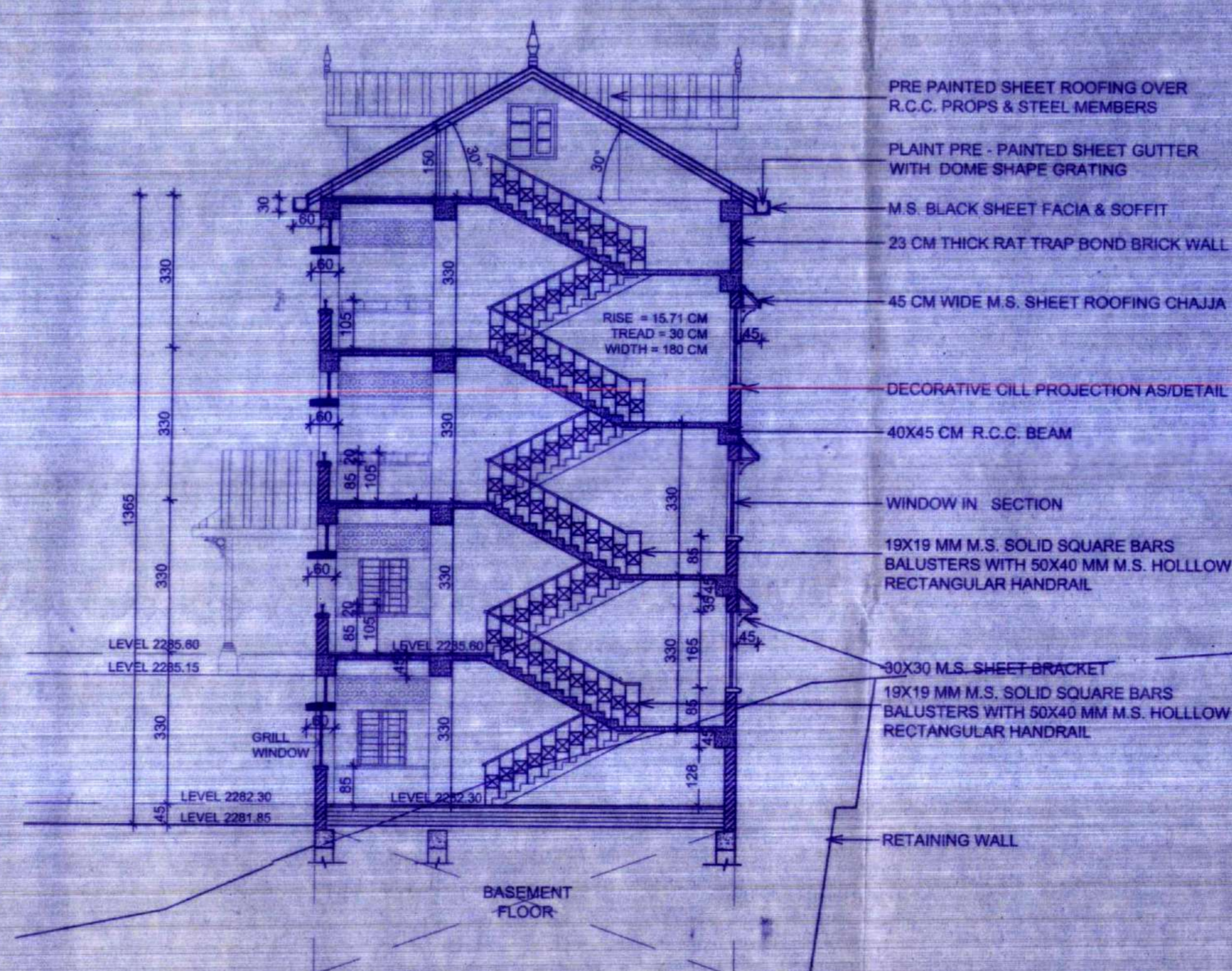
REFERENCES:-		
JOB NO.	DRG. NO.	REFER FOR
7851	34	LAYOUT PLAN
7851	35 to 41	WORKING DRAWING (REVISED)
7851	16	SPECIFICATION



SECTION AT A-B



RIGHT SIDE ELEVATION



SECTION AT E-F

- PRE PAINTED SHEET ROOFING OVER R.C.C. PROPS & STEEL MEMBERS
- FALSE CEILING
- PLAIN PRE-PAINTED SHEET GUTTER WITH DOME SHAPE GRATING
- M.S. BLACK SHEET FACIA & SOFFIT
- WINDOW IN SECTION
- DECORATIVE CILL PROJECTION AS/DTL.
- 40x45 CM R.C.C. BEAM
- C.C. BAND AS PER DETAIL PROVIDED AT CILL LEVEL OF FIRST FLOOR ALL AROUND
- 45 CM WIDE M.S. SHEET ROOFING CHAJJA
- 30x30 M.S. SHEET BRACKET
- 23 CM TH. RAT TRAP BOND BRICK WALL
- DECORATIVE CILL PROJECTION AS/DTL.
- FINISHED FLOOR LEVEL

- PRE PAINTED SHEET ROOFING OVER R.C.C. PROPS & STEEL MEMBERS
- PLAIN PRE-PAINTED SHEET GUTTER WITH DOME SHAPE GRATING
- M.S. BLACK SHEET FACIA & SOFFIT
- 23 CM THICK RAT TRAP BOND BRICK WALL
- 45 CM WIDE M.S. SHEET ROOFING CHAJJA
- DECORATIVE CILL PROJECTION AS/DETAIL
- 40x45 CM R.C.C. BEAM
- WINDOW IN SECTION
- 19x19 MM M.S. SOLID SQUARE BARS BALUSTERS WITH 50x40 MM M.S. HOLLOW RECTANGULAR HANDRAIL
- 30x30 M.S. SHEET BRACKET
- 19x19 MM M.S. SOLID SQUARE BARS BALUSTERS WITH 50x40 MM M.S. HOLLOW RECTANGULAR HANDRAIL
- RETAINING WALL

AR. P. S. NEGI  
CHIEF ARCHITECT (C.A./92/15300)

AR. AMITA GUPTA  
SENIOR ARCHITECT (C.A./89/12677)

AR. K. S. CHAUHAN  
ARCHITECT (C.A./93/16225)

AR. DAVINDER MISTA  
ASSTT. ARCHITECT (C.A./98/23223)

O/O THE CHIEF-ARCHITECT  
H.P.P.W.D. NIRMAN BHAWAN,  
NIGAM VIHAR SHIMLA-2 (H.P.)

SCALE:- 1:100      DATE:- 11-05-2020

JOB NO. 7851      DRG. NO. 41  
14th CIRCLE

CHAMAN  
SR. DRAUGHTSMAN

GOVERNMENT DEGREE COLLEGE,  
CHOPAL DISTT. SHIMLA H.P.

REVISED WORKING DRAWING

SECTIONAL ELEVATION AT A-B  
RIGHT SIDE ELEVATION &  
SECTION AT E-F

Principal  
Govt. Degree College  
Chopal Distt. Shimla H.P.

PRE-PAINTED STEEL SHEET ROOFING OVER STEEL TRUSSES AS/ SPECIFICATION.

230MM THICK BRICK WALL GULZAR BANDI AROUND

PLAIN PRE-PAINTED SHEET GUTTER THE SIZE OF THE GUTTER SHOULD NOT BE AS PER SCHEDULE ITEM, BUT IT SHOULD BE MINIMUM 30X30CM.

40X40 MM ANGLE IRON FRAME WORK AT SUITABLE INTERVALS  
M.S. BLACK SHEET OVER ANGLE / T-IRON FRAME WORK AS/DETAIL  
10 MM DRIP COURSE

DOME SHAPE GRATING SHALL BE PROVIDED WHICH SHALL BE OF M.S. FLAT 25X5/6 MM BASE AND 6MM DIA BARS IN DOME.

100 mm DIA R.W.P.

**DETAIL OF GUTTER**  
(ALL DIMENSIONS ARE IN MM)  
SCALE 1:10

230MM THICK BRICK WALL

M.S. SHEET CHAJJA 16 GAUGE WITH 10X10MM SOLID SECTION LINING GOLA & FLASHING OVER ANGLE IRON FRAME WORK.

M.S. BLACK SHEET FACIA

40X40 MM ANGLE IRON FRAME WORK AT SUITABLE INTERVALS  
M.S. BLACK SHEET SOFFIT  
M.S. CHANNEL FRAME 75X40 MM GRILL AS / DETAIL

**DETAIL OF CHAJJA**  
(ALL DIMENSIONS ARE IN MM)  
SCALE 1:10

50X40 MM M.S. HOLLOW RECTANGULAR SECTION HANDRAIL  
19X19 MM M.S. SOLID SQ. BARS AS BALUSTERS

C.C. COPING 10 CM THICK & 10 CM PROJECTED

DRIP COURSE

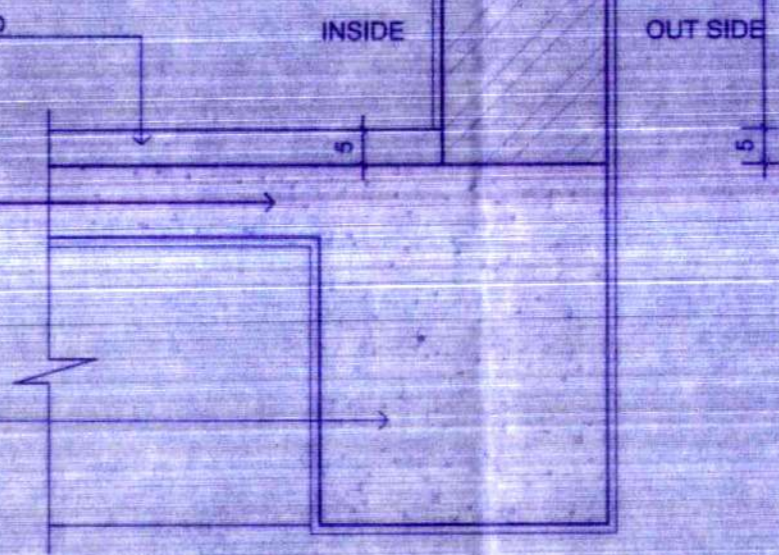
1.25 CM THICK CEMENT PLASTER

23 CM THICK BRICK WALL

5 CM THICK FINISHED FLOOR LEVEL

R.C.C. SLAB

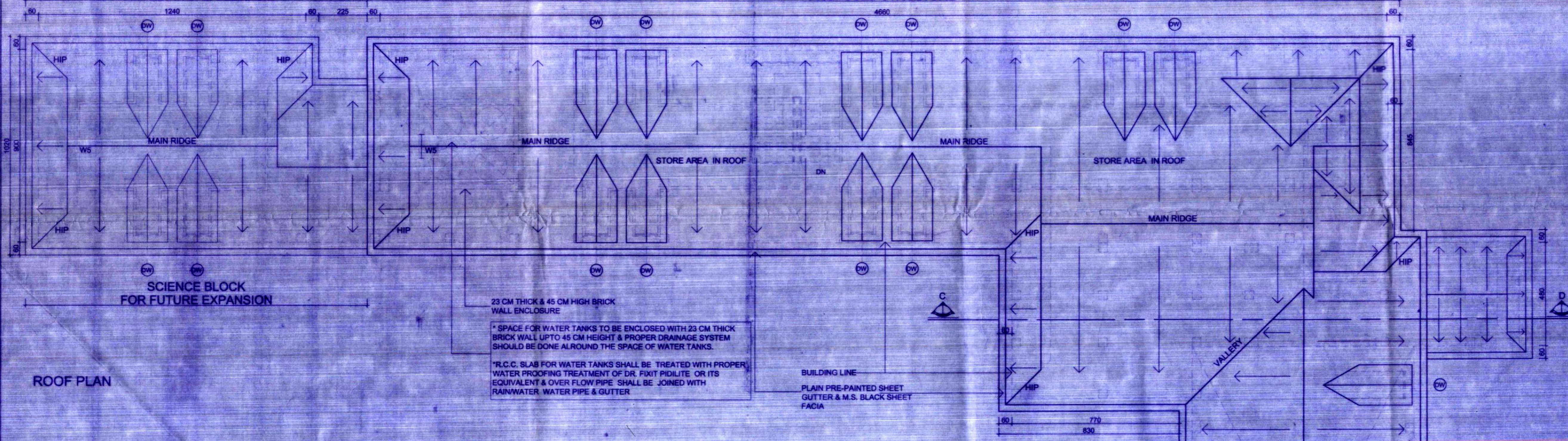
R.C.C. BEAM



**DETAIL OF PARAPET WALL**

FOR FUTURE EXPANSION

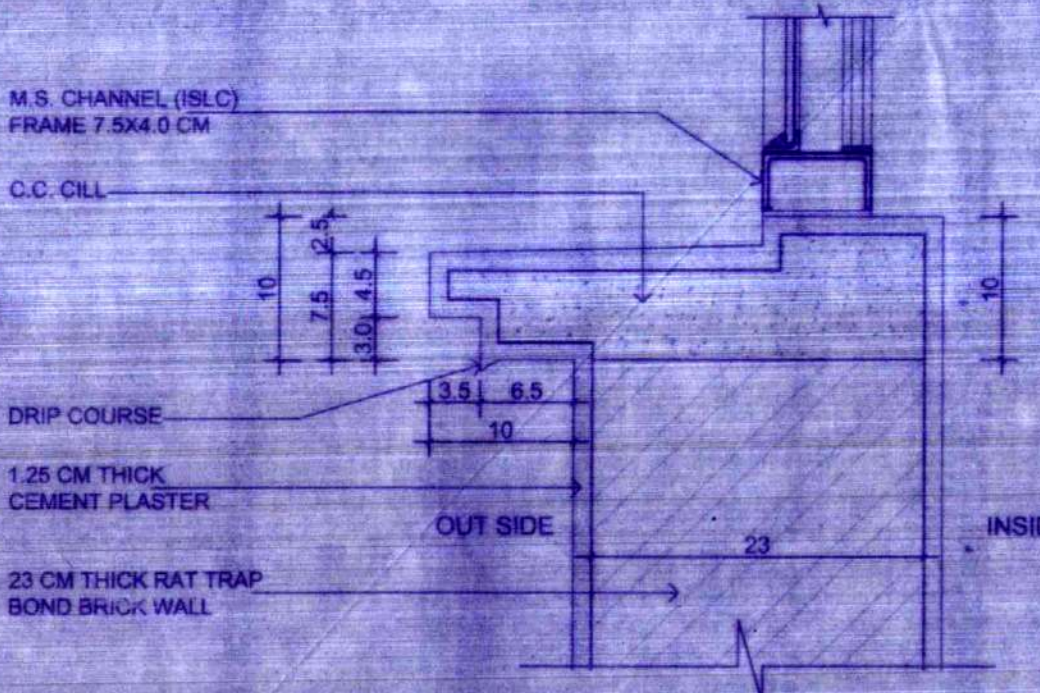
PROPOSED STRUCTURE



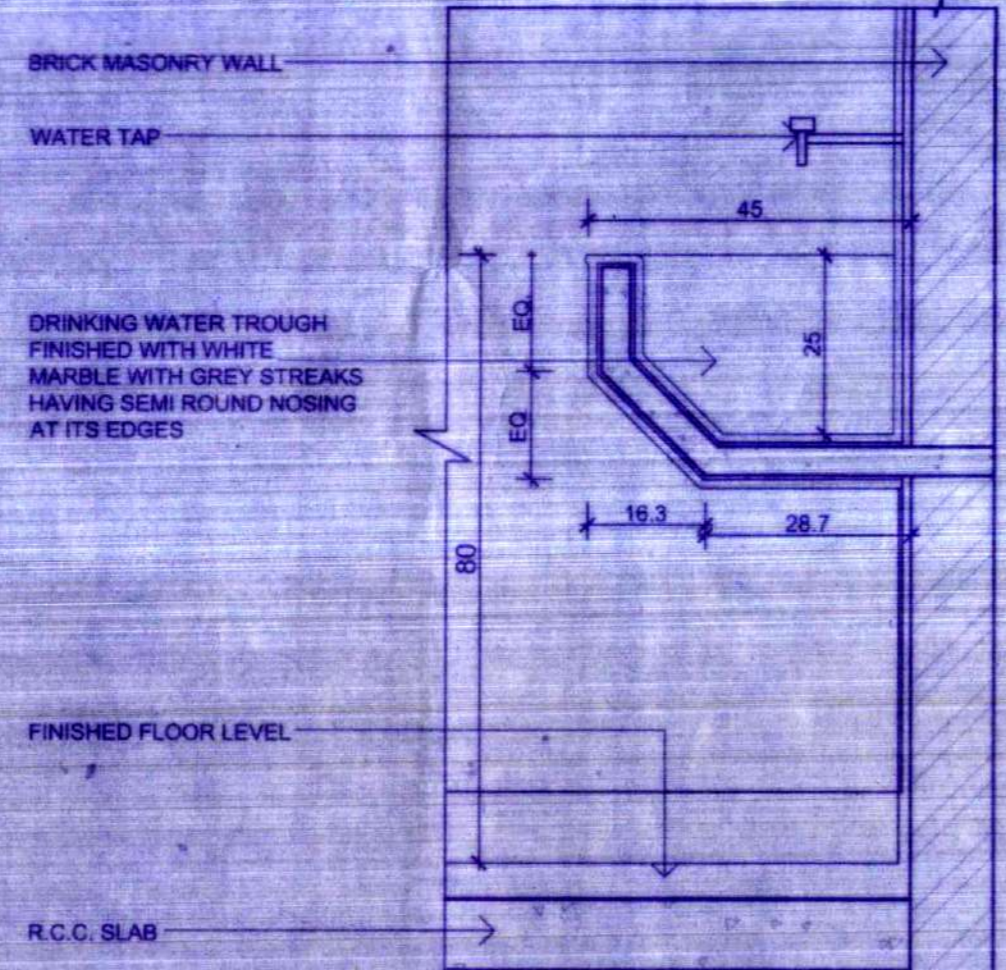
**ROOF PLAN**

23 CM THICK & 45 CM HIGH BRICK WALL ENCLOSURE  
\* SPACE FOR WATER TANKS TO BE ENCLOSED WITH 23 CM THICK BRICK WALL UPTO 45 CM HEIGHT & PROPER DRAINAGE SYSTEM SHOULD BE DONE AROUND THE SPACE OF WATER TANKS.  
\* R.C.C. SLAB FOR WATER TANKS SHALL BE TREATED WITH PROPER WATER PROOFING TREATMENT OF DR. FIXIT PIDILITE OR ITS EQUIVALENT & OVER FLOW PIPE SHALL BE JOINED WITH RAINWATER WATER PIPE & GUTTER

BUILDING LINE  
PLAIN PRE-PAINTED SHEET GUTTER & M.S. BLACK SHEET FACIA



**DETAIL OF C.C. CILL**  
SCALE 1:5



**DETAIL OF WATER TROUGH**  
SCALE 1:10

**REFERENCES:-**

JOB NO.	DRG. NO.	REFER FOR
7851	34	LAYOUT PLAN
7851	35 To 41	WORKING DRAWING REVISED
7851	16	SPECIFICATION

AR. P.S. NEGI  
CHIEF ARCHITECT (C.A. 82/18300)

AR. AMITA GUPTA  
SENIOR ARCHITECT (C.A. 89/12677)

AR. K.S. CHAUHAN  
ARCHITECT (C.A. 83/16225)

AR. DAVINDER MISTA  
ASSTT. ARCHITECT (C.A. 88/23223)

**O/O THE CHIEF-ARCHITECT**  
**H.P.P.W.D. NIRMAN BHAWAN,**  
**NIGAM VIHAR SHIMLA-2 (H.P.)**

SCALE:- 1:100      DATE:- 19-05-2020

JOB NO. 7851      DRG. NO. 39  
14th CIRCLE

**GOVERNMENT DEGREE COLLEGE,**  
**CHOPAL DISTT. SHIMLA H.P.**

**REVISED WORKING DRAWING**

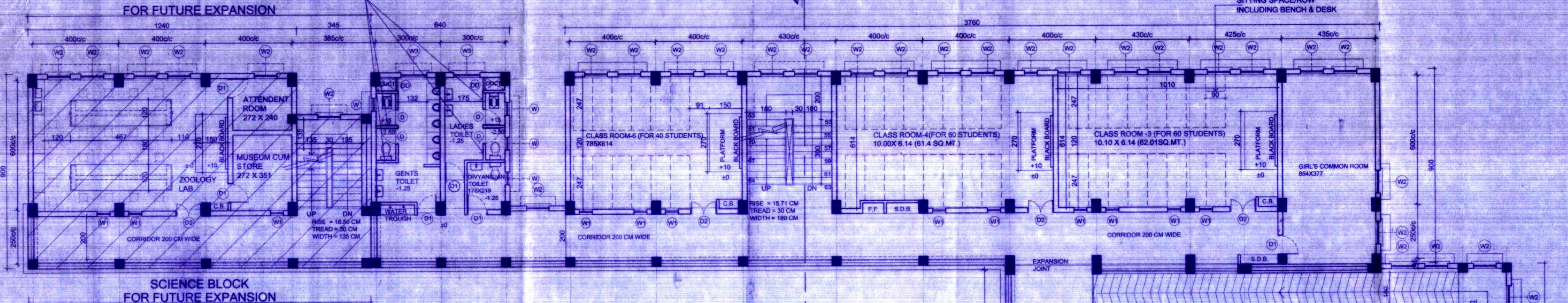
**ROOF PLAN & DETAIL OF GUTTER,**  
**CHAJJA, C.C. CILL, WATER TROUGH**  
**AND PARAPET WALL**

Principal  
Govt. Degree College  
Chopal, Distt. Shimla H.P.

REFERENCES:-

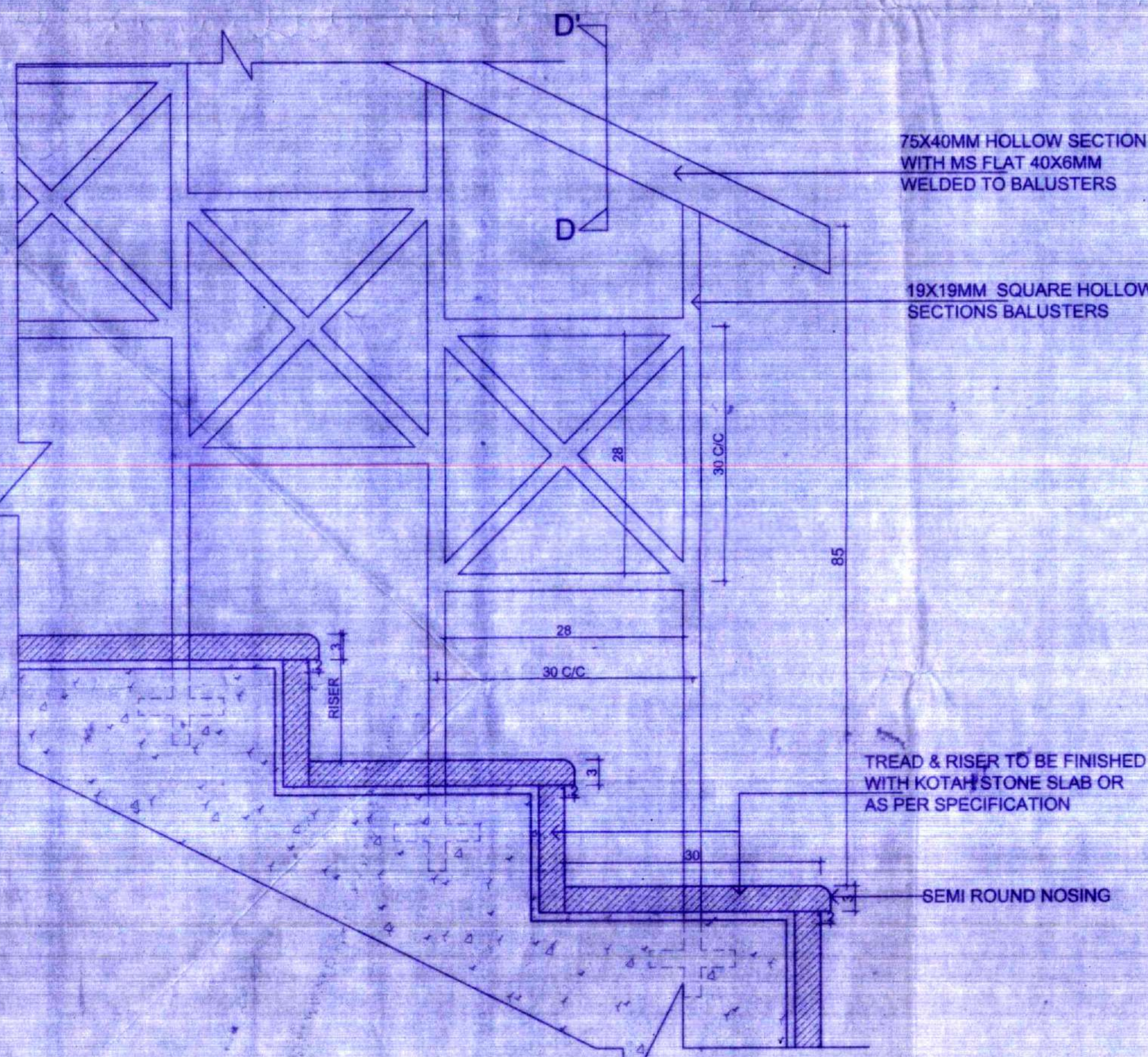
JOB NO.	DRG. NO.	REFER FOR
7851	34	LAYOUT PLAN
7851	35 To 41	WORKING DRAWING (REVISED)
7851	16	SPECIFICATION

ALL INTERNAL PARTITION WALLS IN GENERAL TOILETS SHALL BE CONSIDERED UP TO 205 CM+INTEL HEIGHT ONLY.  
INTERNAL SIZE OF ALL W.C. SHOULD BE 90X150 CM

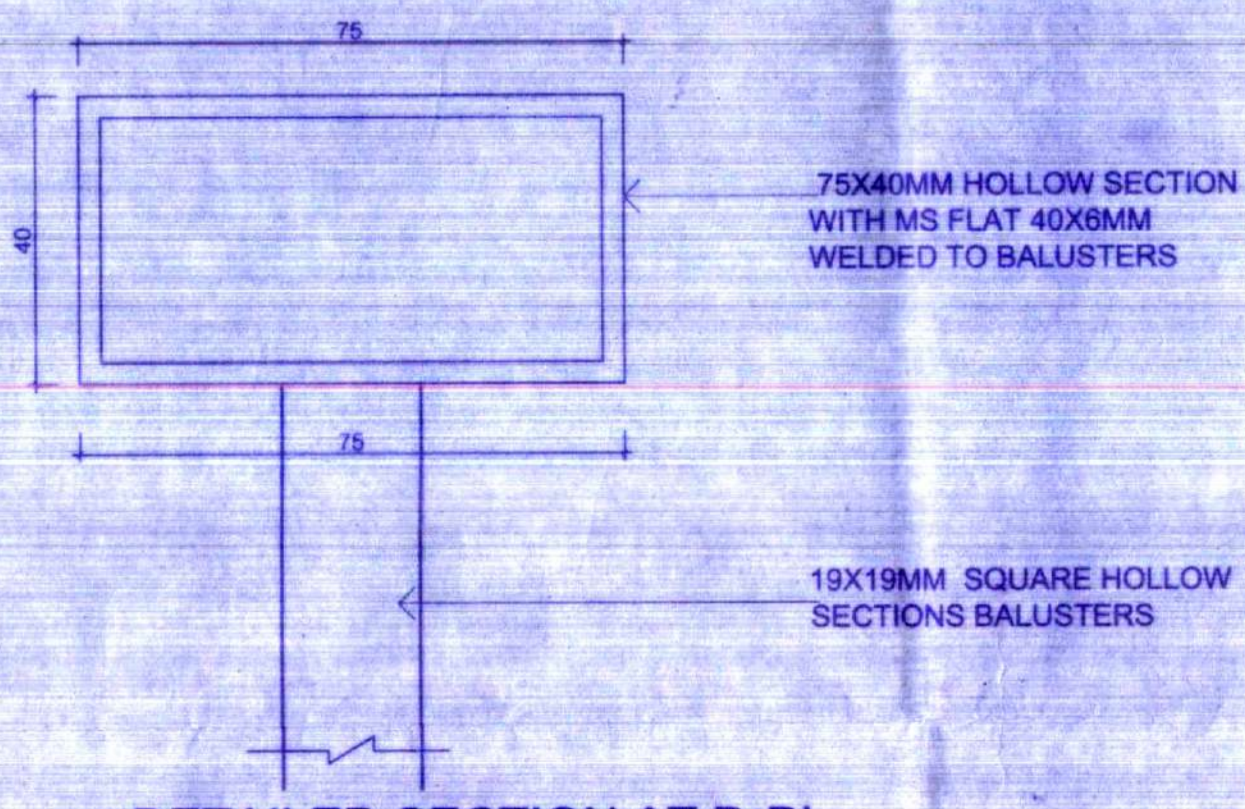


THIRD FLOOR PLAN

PROPOSED STRUCTURE = 740.00 SQ. MT.  
SCIENCE BLOCK (FOR FUTURE) = 136.00 SQ. MT.



DETAILED PART SECTION OF STAIRCASE  
SCALE 1:5



DETAILED SECTION AT D-D  
(SCALE > 1:1)

AR. P.S. NEGI  
CHIEF ARCHITECT (C.A./82/15300)

AR. AMITA GUPTA  
SENIOR ARCHITECT (C.A./89/12077)

AR. K.S. CHAUHAN  
ARCHITECT (C.A./93/18225)

AR. DAVINDER MISTA  
ASSTT. ARCHITECT (C.A./98/23223)

O/O THE CHIEF-ARCHITECT  
H.P.P.W.D. NIRMAN BHAWAN,  
NIGAM VIHAR SHIMLA-2 (H.P.)

SCALE: 1:100	DATE: 14-05-2020
JOB NO. 7851	DRG. NO. 38
14th CIRCLE	

GOVERNMENT DEGREE COLLEGE,  
CHOPAL DISTT. SHIMLA H.P.

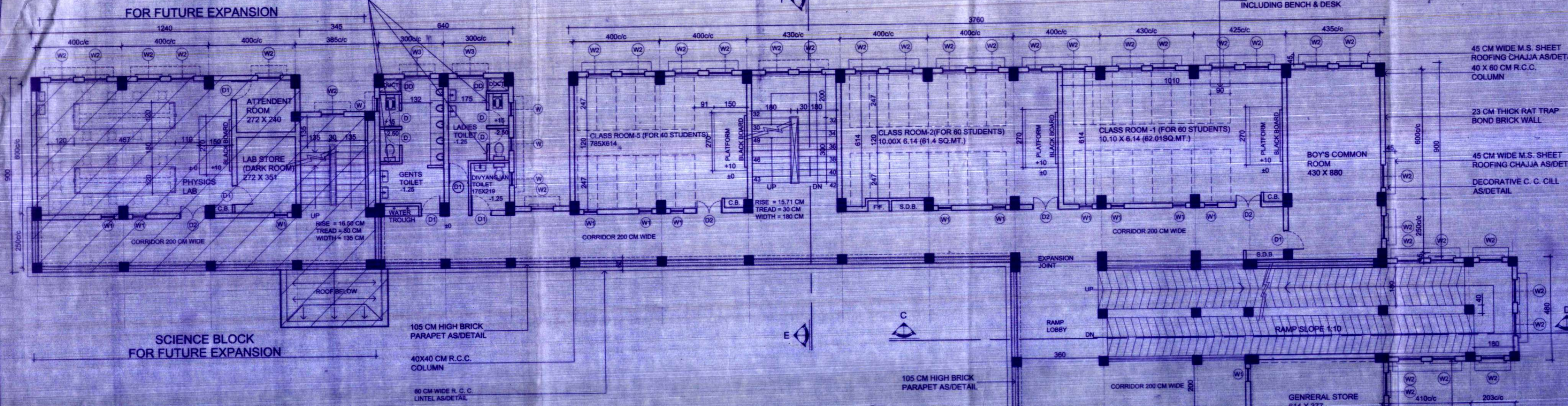
REVISED WORKING DRAWING

THIRD FLOOR PLAN AND  
DETAIL OF STAIRS

*Principal*  
Govt. Degree College  
Chopal Distt. Shimla H.P.

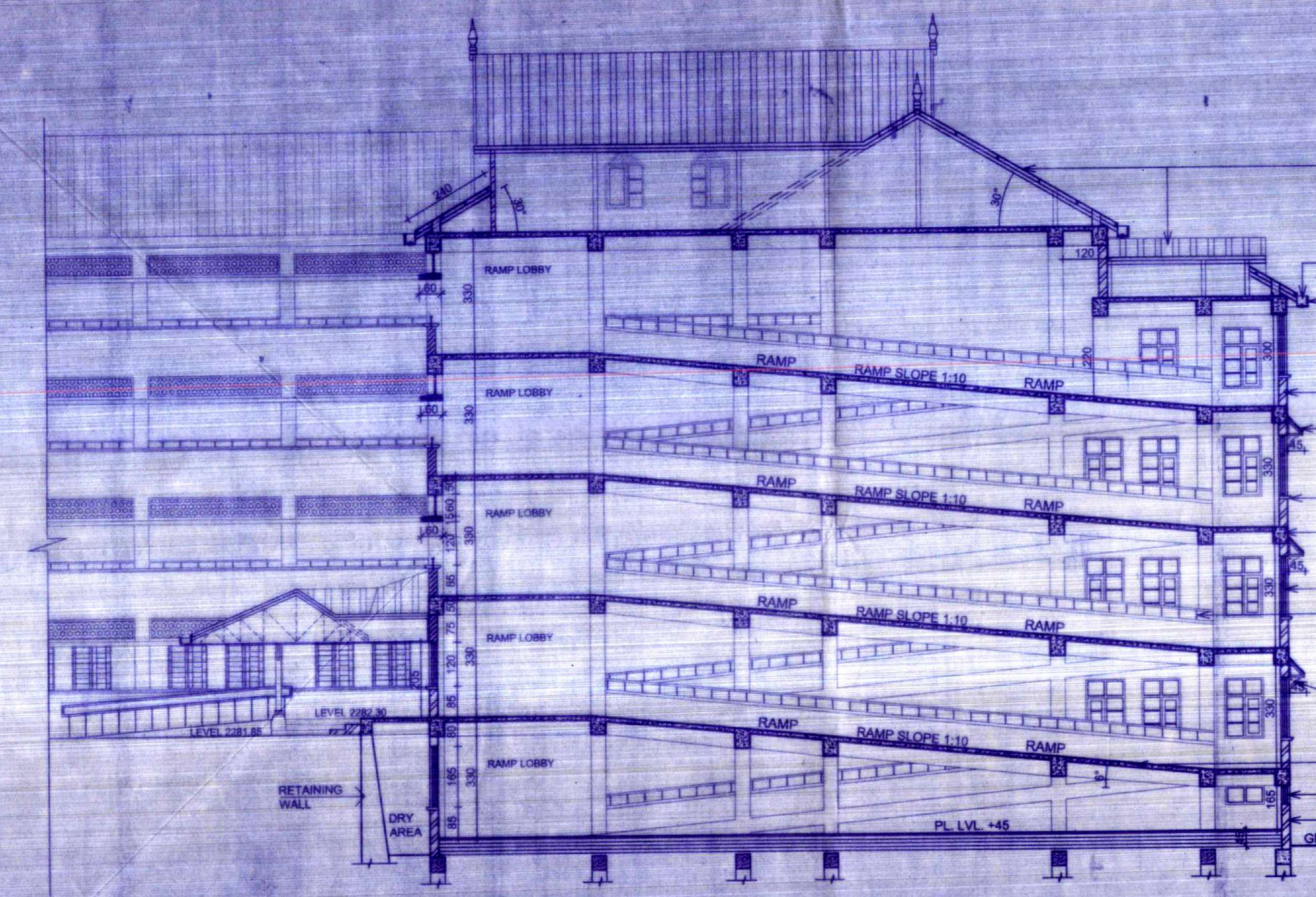
REFERENCES:-		
JOB NO.	DRG. NO.	REFER FOR
7851	34	LAYOUT PLAN
7851	35 To 41	WORKING DRAWING (REVISED)
7851	16	SPECIFICATION

ALL INTERNAL PARTITION WALLS IN GENERAL TOILETS SHALL BE CONSIDERED UP TO 205 CM LINTEL HEIGHT ONLY.  
INTERNAL SIZE OF ALL W.C. SHOULD BE 90X150 CM



**SECOND FLOOR PLAN**

PROPOSED STRUCTURE = 717.00 SQ. MT.  
SCIENCE BLOCK (FOR FUTURE) = 136.00 SQ. MT.



**PART SECTION AT C-D (RAMP SECTION)**

- PRE PAINTED SHEET ROOFING OVER R.C.C. PROPS & STEEL MEMBERS
- PLAIN PRE - PAINTED SHEET GUTTER WITH DOME SHAPE GRATING
- M.S. BLACK SHEET FACIA & SOFFIT
- 23 CM THICK RAT TRAP BOND BRICK WALL
- 45 CM WIDE M.S. SHEET ROOFING CHAJJA
- DECORATIVE CILL PROJECTION AS/DETAIL
- 40X45 CM R.C.C. BEAM
- WINDOW IN SECTION 19X19 MM M.S. SOLID SQUARE BARS BALUSTERS WITH 50X40 MM M.S. HOLLOW RECTANGULAR HANDRAIL
- 90X30 M.S. SHEET BRACKET
- RAMP DETAIL LENGTH (16.90 + 16.90) = 33.80 MT GRADIENT (33.80/3.30) = 10 i.e. 1:10 VENTILATOR (105 X 45)
- 23 CM THICK RAT TRAP BOND BRICK WALL

Principal  
Govt. Degree College  
Chopal, Distt. Shimla H.P.

AR. P.S. NEGI  
CHIEF ARCHITECT (C.A./82/15300)

AR. AMITA GUPTA  
SENIOR ARCHITECT (C.A./88/12677)

AR. K.S. CHAUHAN  
ARCHITECT (C.A./83/16225)

AR. DAVINDER MISTA  
ASSTT. ARCHITECT (C.A./88/23223)

**O/O THE CHIEF-ARCHITECT  
H.P.P.W.D. NIRMAN BHAWAN,  
NIGAM VIHAR SHIMLA-2 (H.P.)**

SCALE:- 1:100      DATE:- 19-06-2020

JOB NO. 7851      DRG. NO. 34  
14th CIRCLE

CHAMAN SR. DRAUGHTSMAN

**GOVERNMENT DEGREE COLLEGE,  
CHOPAL DISTT. SHIMLA H.P.**

REVISED WORKING DRAWING

**SECOND FLOOR PLAN AND  
PART SECTION AT C-D**