

**AREA STATEMENT**  
TOTAL SITE AREA - 1.72,102 SQFT OR 3.95 ACRES, APPROX.

SCHOOL BLOCK

GROUND FLOOR

FIRST FLOOR AREA = 18,670 SQFT

SECOND FLOOR AREA = 18,670 SQFT

THIRD FLOOR AREA = 18,670 SQFT

MIDDAY MEAL BLOCK

GROUND FLOOR AREA = 1,539 SQ-FT

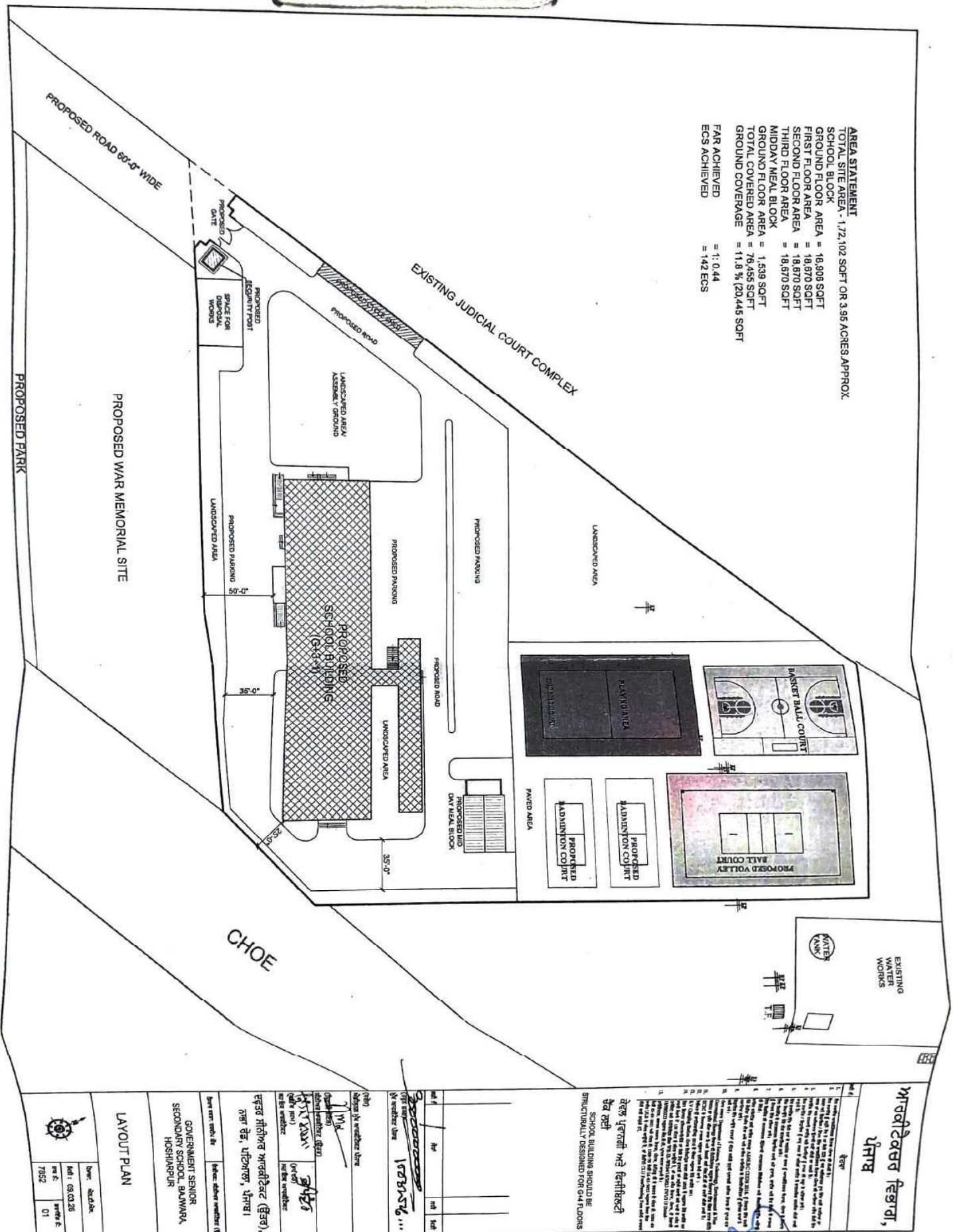
TOTAL COVERED AREA = 76,455 SQFT

TOTAL COVERED AREA = 18,433 SQ. FT.  
GROUND COVERAGE = 11.8 % (20,445 SQ. FT.)

GROUND COVERAGE = 11.8% (20,449 sq ft)

**FAR ACHIEVED** = 1.044

FAR ACHIEVED = 1:0.44



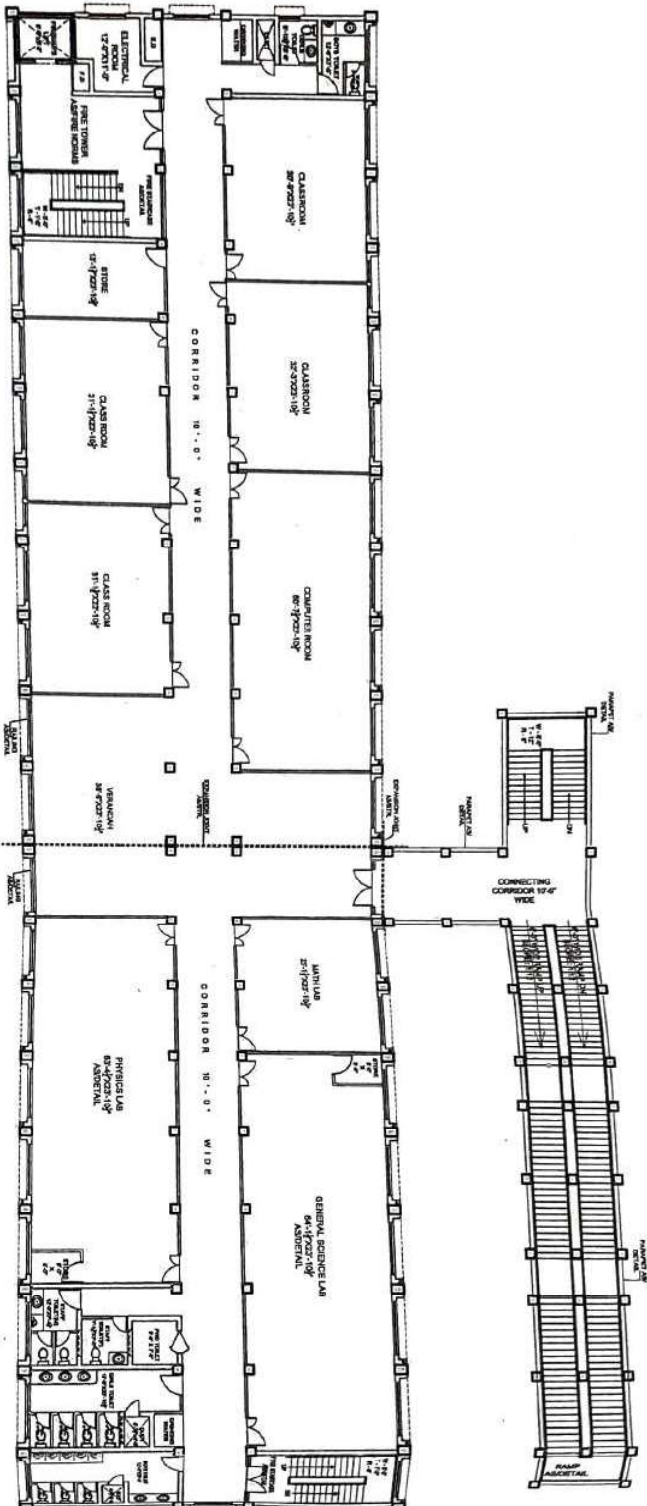
XEN

Date: 09.03.2026	
Page No. 7652	Page No. 02

[illegible]

ਕੇਵਲ ਪ੍ਰਵਾਨਗੀ ਅਤੇ ਵਿਜੀਲੈਂਸਟੀ  
ਹੈਂਦ ਲਈ

✓  
XEM



## FIRST FLOOR PLAN

FIRST FLOOR PLAN

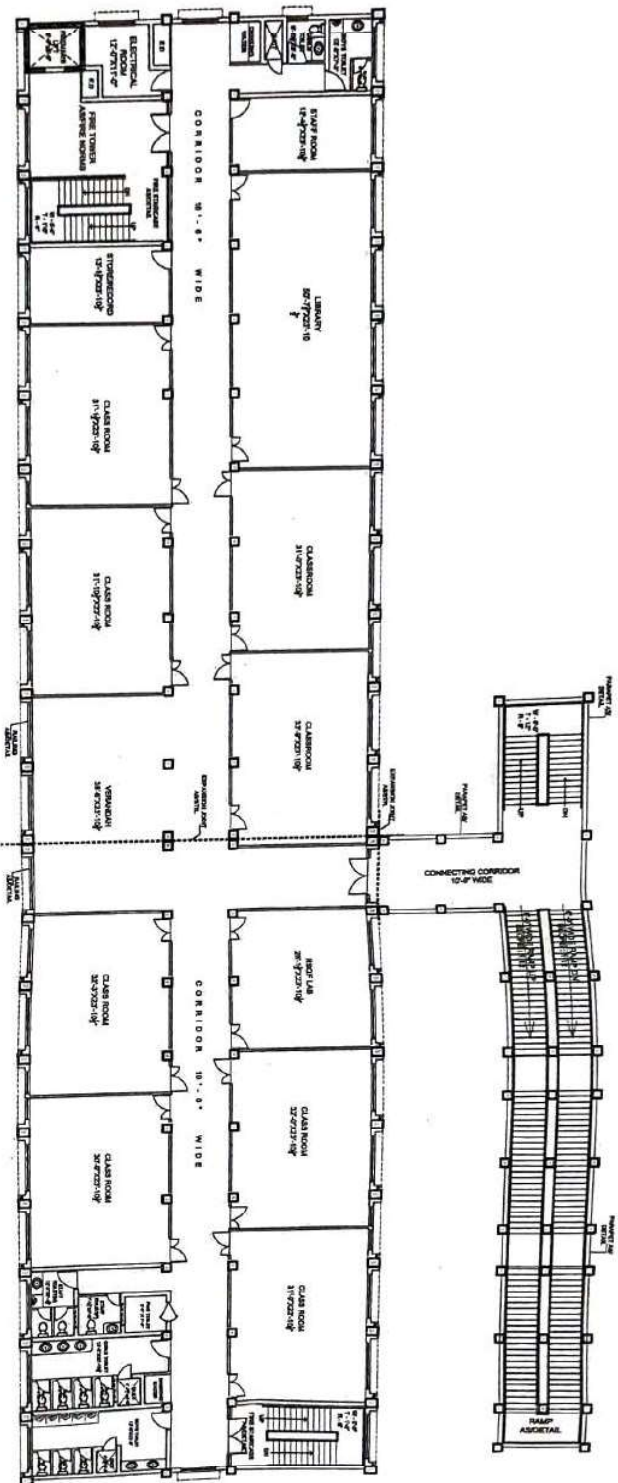
GOVERNMENT SENIOR  
SECONDARY SCHOOL, BALWARA  
HOSHARPUR

ਦਫ਼ਤਰ ਸੀਨੀਅਰ ਆਰਕੀਟੈਕਟ (ਫ਼ਿਤਰ),  
ਨਭਾ ਰੋਡ, ਪਟਿਆਲਾ, ਪੰਜਾਬ।

Date: 09.03.2026	
Page No: 7852	Page No: 03



# SECOND FLOOR PLAN



ਆਰਕੀਟੈਕਚਰ ਵਿਭਾਗ,  
ਪੰਜਾਬ

ਡਿਜ਼ਾਈਨ ਪ੍ਰੋਜੈਕਟ ਅਤੇ ਇੰਜੀਨੀਅਰਿੰਗ  
ਦੇਵ ਲਈ

1000-1000-1000

1000-1000-1000

1000-1000-1000

1000-1000-1000

1000-1000-1000

1000-1000-1000



✓  
XEN

(Date) 24/03/2024 (Signature) [Signature]	(Date) 24/03/2024 (Signature) [Signature]
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### THIRD FLOOR PLAN

Date: 09.03.2026	
Page No: 7852	Page No: 05

1. The project is a multi-story building with a total area of 10,000 sq. m.
2. The building is located in the city of Lahore, Pakistan.
3. The building is a multi-story building with a total area of 10,000 sq. m.
4. The building is a multi-story building with a total area of 10,000 sq. m.
5. The building is a multi-story building with a total area of 10,000 sq. m.
6. The building is a multi-story building with a total area of 10,000 sq. m.
7. The building is a multi-story building with a total area of 10,000 sq. m.
8. The building is a multi-story building with a total area of 10,000 sq. m.
9. The building is a multi-story building with a total area of 10,000 sq. m.
10. The building is a multi-story building with a total area of 10,000 sq. m.
11. The building is a multi-story building with a total area of 10,000 sq. m.
12. The building is a multi-story building with a total area of 10,000 sq. m.
13. The building is a multi-story building with a total area of 10,000 sq. m.

FOR ESTIMATION AND  
STRUCTURE ADVISE ONLY.

THIS DESIGN AND ESTIMATE ARE FOR INFORMATIONAL PURPOSES ONLY. THE CLIENT IS ADVISED TO CONSULT A STRUCTURAL ENGINEER FOR A DETAILED DESIGN AND ESTIMATE.



GOVERNMENT OF PUNJAB

DEPARTMENT OF PUBLIC WORKS  
ARCHITECTURE SECTION

PROJECT NO. 123456

DATE: 01/01/2024

BY: [Signature]

FOR: [Signature]

PROJECT NAME: [Name]

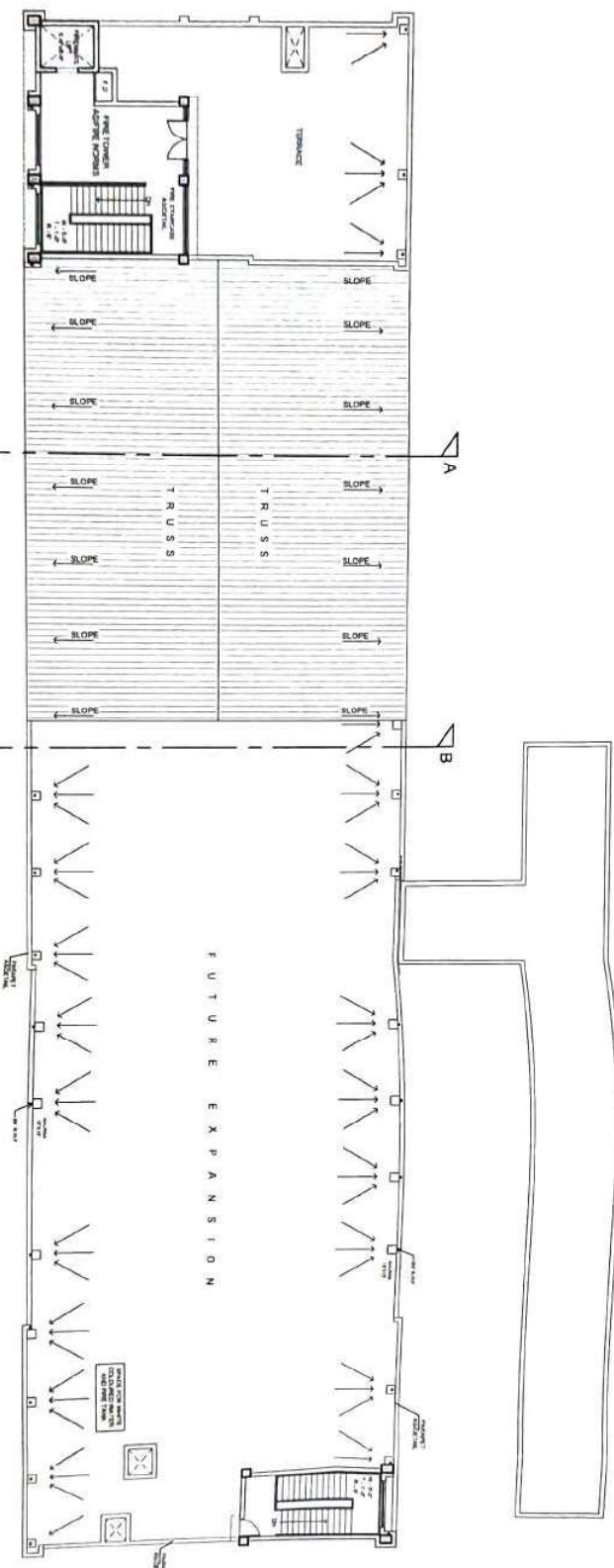
LOCATION: [Location]

CLIENT: [Client Name]

DESIGNER: [Designer Name]

DATE: 09.03.2026

7852 06R1



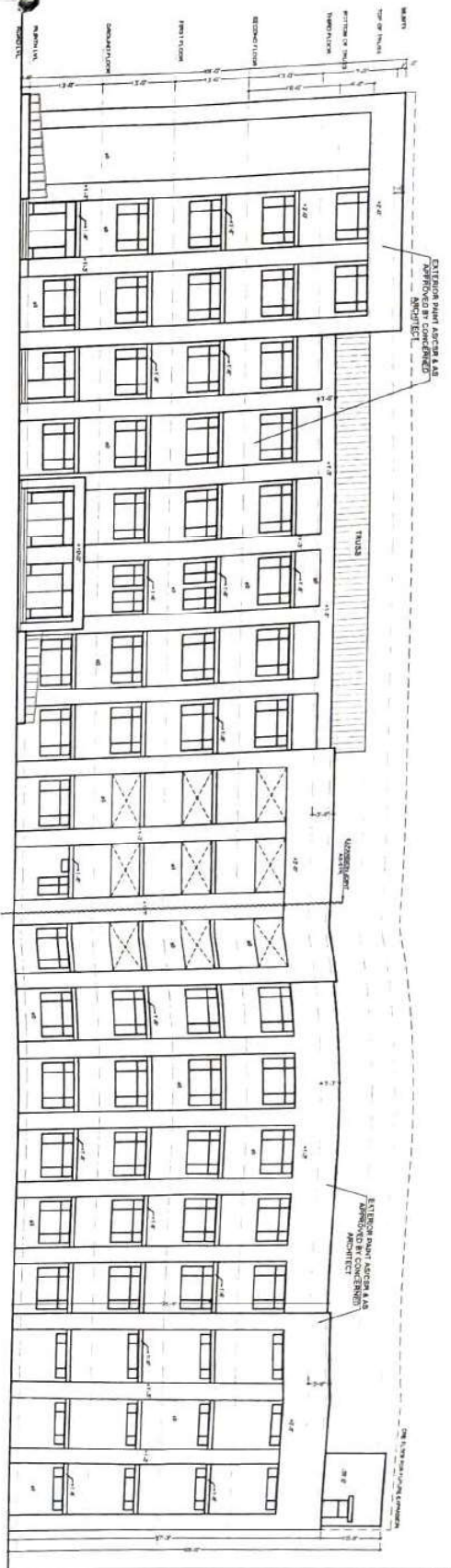
TERRACE PLAN

A

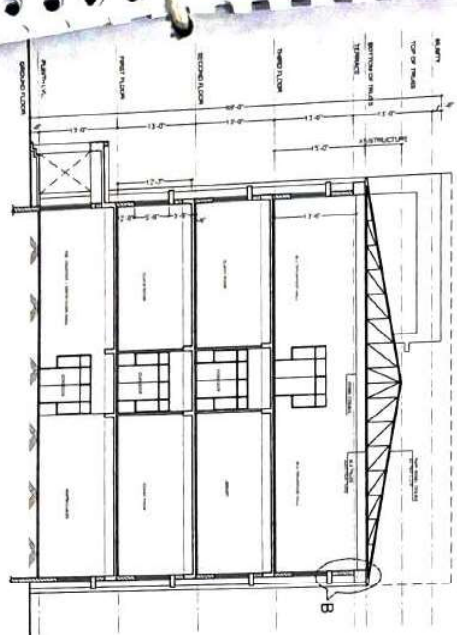
A

B

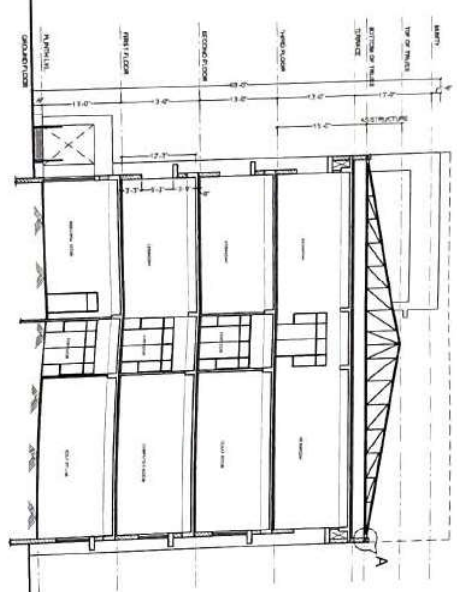
B



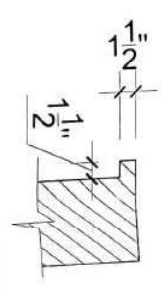
FRONT ELEVATION



SECTION AT A-A



SECTION AT B-B



COPING DETAIL  
AT A

DETAIL-B

ਅਰਕੀਟੈਕਚਰ ਫਿਫਾਗਾ,  
ਪੰਜਾਬ 7

FOR ESTIMATION AND  
STRUCTURE ADVISE ONLY.

THIS DESIGN HAS BEEN APPROVED BY DIRECTOR, EDUCATION,  
GOVERNMENT OF PUNJAB, INDIA. LETTER NO. 2200/2020 DATED 10.03.2020. APPROVED TO  
CHIEF ARCHITECT OF PUNJAB.

ਮੁਲਾਂਮਤ ਲਈ ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਗਿਆ ਹੈ  
ਮੁਲਾਂਮਤ ਲਈ ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਗਿਆ ਹੈ  
ਮੁਲਾਂਮਤ ਲਈ ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਗਿਆ ਹੈ

GOVERNMENT SENIOR  
SECONDARY SCHOOL, BILAWARA,  
HOSHARPUR

DATE: 09.03.2026  
PAGE: 7  
7852  
1381

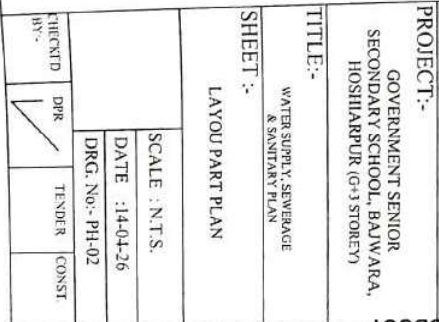








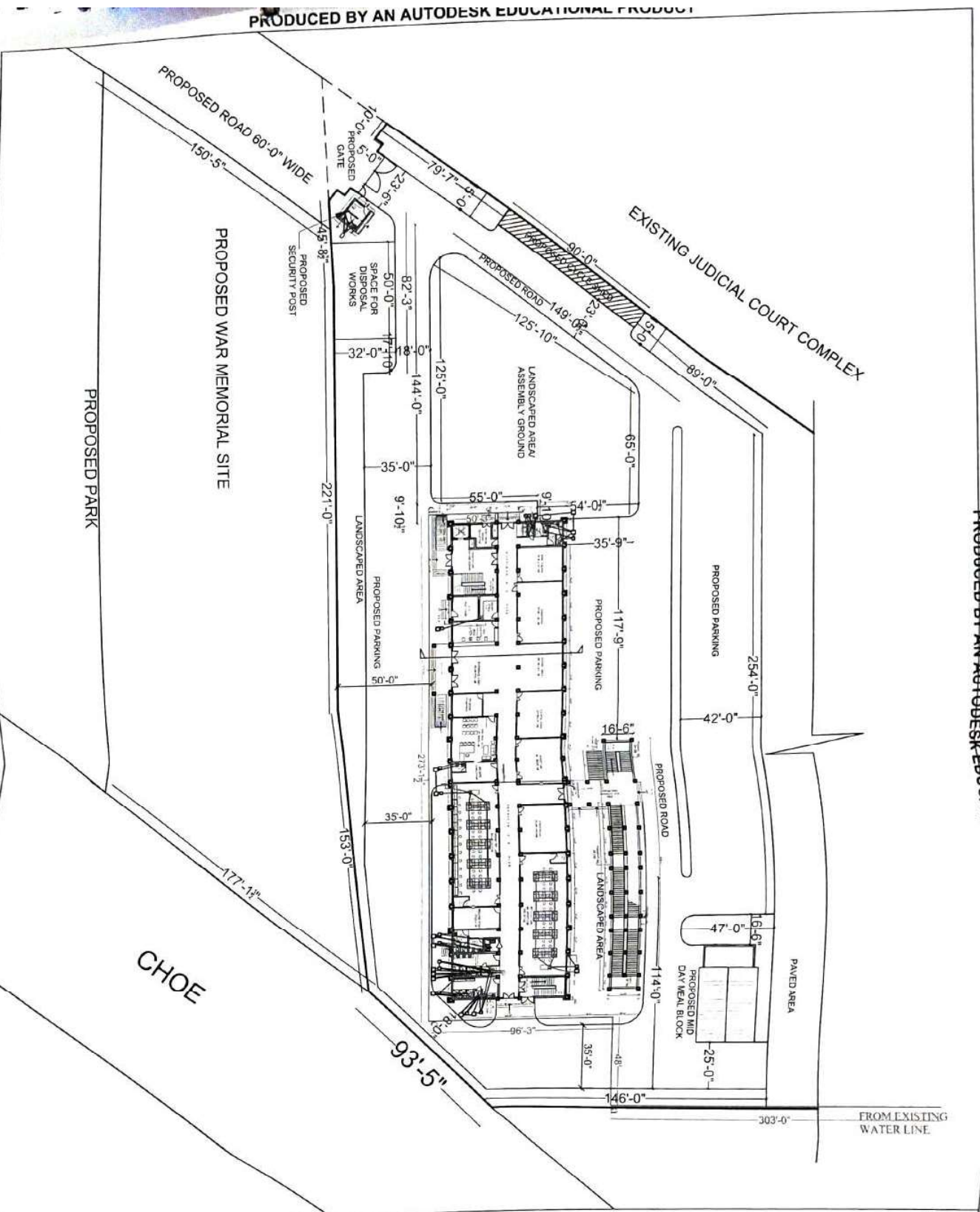




SEWER LINE \_\_\_\_\_ RED

GEN

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



WATER LINE ——— GREEN

PROJECT:-

GOVERNMENT SENIOR  
SECONDARY SCHOOL, BAIJWARA,  
HOSHIARPUR (G-3 STOREY)

TITLE:-

WATER SUPPLY, SEWERAGE  
& SANITARY PLAN

SHEET :-

LAYOUT PART PLAN

SCALE : N.T.S.

DATE : 14-04-26

DRG. No:- PH-03

CHECKED BY:-	DATE	TENDER	CONST
<input checked="" type="checkbox"/>	14-04-26		



GOVERNMENT SENIOR  
SECONDARY SCHOOL, BAJWARA,  
HOSHARPUR (G-3 STOREY)

WATER SUPPLY, SEWERAGE  
& SANITARY PLAN

LAYOUT PART PLAN

SCALE : N.T.S.

DATE :14-04-26

DRG. No:- PH-04

CHECKED BY:	DPR	TENDER	CONST
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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

[illegible]

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



GOVERNMENT SENIOR  
SECONDARY SCHOOL, BAUWARA,  
HOSHARPUR (G-3 STOREY)

[illegible]

NOTE:  
ACTO CAD DRAWING OF BUILDING,  
RECEIVED FROM DEPT. OF ARCHITECTURE  
ON SERVICES ARE INFORMATION  
BY DESIGN CONSULTANT ENCLINED BY  
THE FACTS OF DEPT.

1	ALL POWER DISTRIBUTION PIPES ARE
2	PT 100T + THERM O PIPE

- [illegible]

WATER SUPPLY \_\_\_\_\_ (GREEN)  
FOR FLUSHING - - - - - (GREEN)

SEWERAGE LINE \_\_\_\_\_ (inches)  
CHINA WARE \_\_\_\_\_

CHANNEL (ft)

 ELECT. GEYSER \_\_\_\_\_ (GALLONS)

1

5

XEN

11

**EXECUTIVE ENGINEER**  
**W&S SANITATION DIV.**

PROJECT:-

GOVERNMENT SENIOR  
SECONDARY SCHOOL BAIWARA

HOSHIAKUPUR (G-3 STOREY)

TITLE:- WATER SUPPLY & SEWERAGE

A SANITARY PLAN

SHEET:

FIRST FLOOR PLAN

[illegible]

SCALE: N.T.S.
DATE: 1-10-76

DRG. No.: PH-06

WICKED DPR	TENDER	CONST
1		

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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

NOTED:-  
 AUTOCAD DRAWING OF BUILDING  
 RECEIVED FROM DPTT FOR A/C LITTLE CHIT  
 ONLY SERVICES ARE IN CORPORAED  
 BY DESIGN CONSULTANT SANITACOD BY  
 THE EXCLUDING DPTT

NOTE:-

- 1 ALL INNER DRAINAGE PIPES ARE
- 2 F T TO G.T + 10mm Ø PIPE
- 3 W.S TO G.T + 10mm Ø PIPE
- 4 S.S W.C + 100mm Ø PIPE
- 5 U.S W.C + 75mm Ø PIPE
- 6 G.T W.C + 100mm Ø PIPE
- 7 W.C R.I.C + 100mm Ø PIPE
- 8 I.C W.C + 100mm Ø PIPE
- 9 ALL WATER SUPPLY & FLUSHING PIPES ARE
- 10 UP PIPE + 25mm Ø PIPE
- 11 DN PIPE + 25mm Ø PIPE
- 12 WATERB. RELIQUITY + 25mm Ø PIPE
- 13 TACKLE/INB. STICKING + 10mm Ø PIPE
- 14 DRAWING SHOWING TYPICAL PLAN, PLAN, SECTION, ELEVATION OF OUTLET SEWER/WATER SUPPLY PIPES WITH LAYOUT PLAN BEFORE EXECUTION
- 15 F T + FLOOR TAMP
- 16 W.S + WASTE STACK
- 17 U.S. + URINAL STACK
- 18 S.S. + S.O.C. STACK

WATER SUPPLY - (GREEN)  
 FOR FLUSHING - - - - (GREEN)  
 SEWERAGE LINE - - - - (RED)  
 CHINA WARE CHANNEL - - - - (RED)  
 ELEC. GYSEH - - - - (BLUE)

PROJECT:-  
 EXECUTIVE ENGINEER  
 W.S & SANITATION DIVL.

GOVERNMENT SENIOR  
 SECONDARY SCHOOL, BAJWARA,  
 HOSHARPUR (G-3 STOREY)

TITLE:-  
 WATER SUPPLY, SEWERAGE  
 & SANITARY PLAN

SHEET :-  
 DETAIL OF TOILETS  
 GROUND FLOOR (L.H.S AREA)

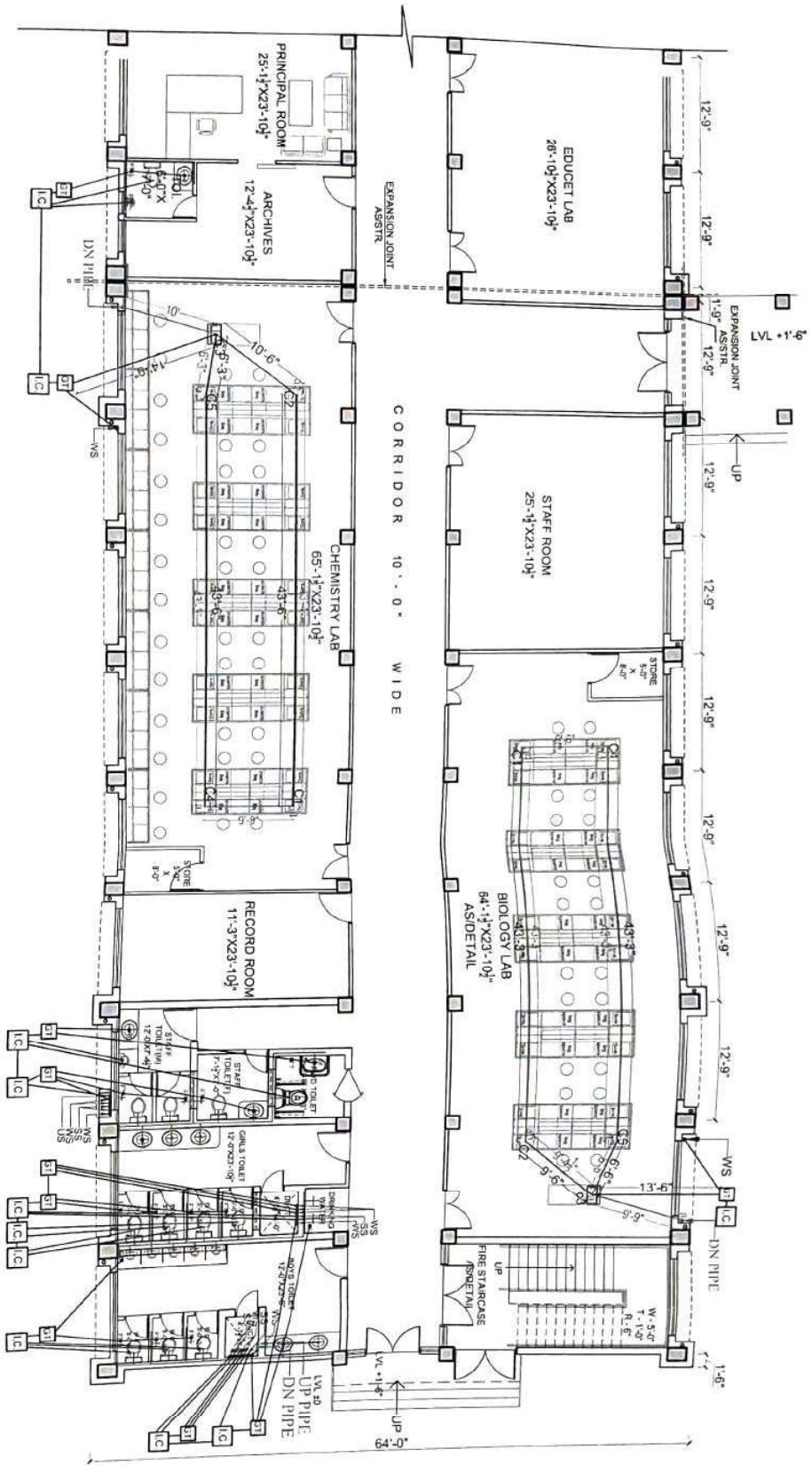
SCALE : N.T.S.  
 DATE : 14-04-26  
 DRG. No. - PH-10

THICKENED DR. TENDER CONSI.



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

DETAIL OF TOILETS  
GROUND FLOOR (R.H.S AREA)



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

NOTE:  
1. ALL DIMENSIONS ARE IN METERS.  
2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.  
3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.  
4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.

NOTES:

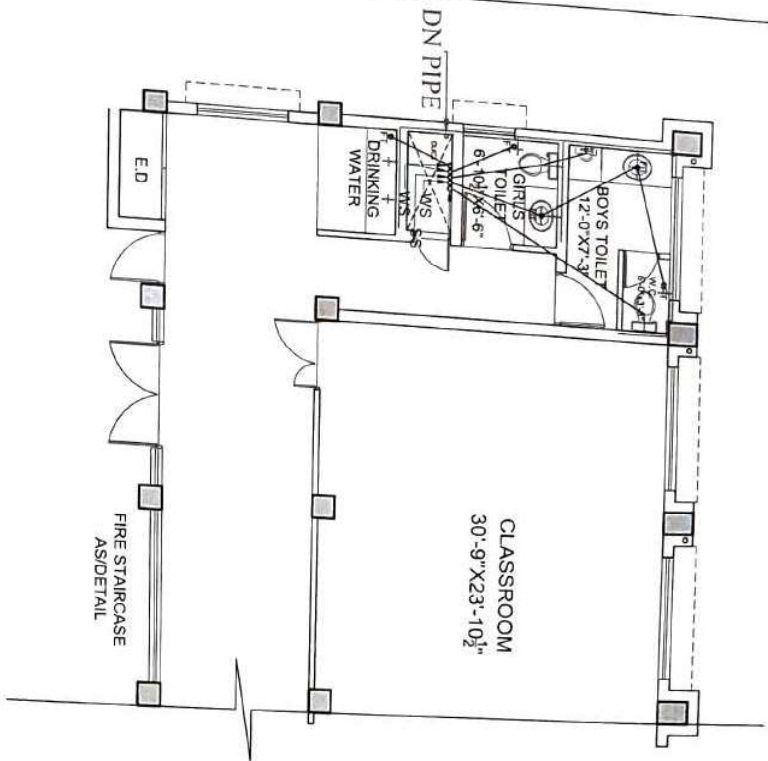
1. ALL DIMENSIONS ARE IN METERS.
2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
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13. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
14. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
15. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
16. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
17. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
18. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.

FOR FLUSHING  
SEWERAGE LINE  
CHINA WARE  
ELECT  
GEYSER

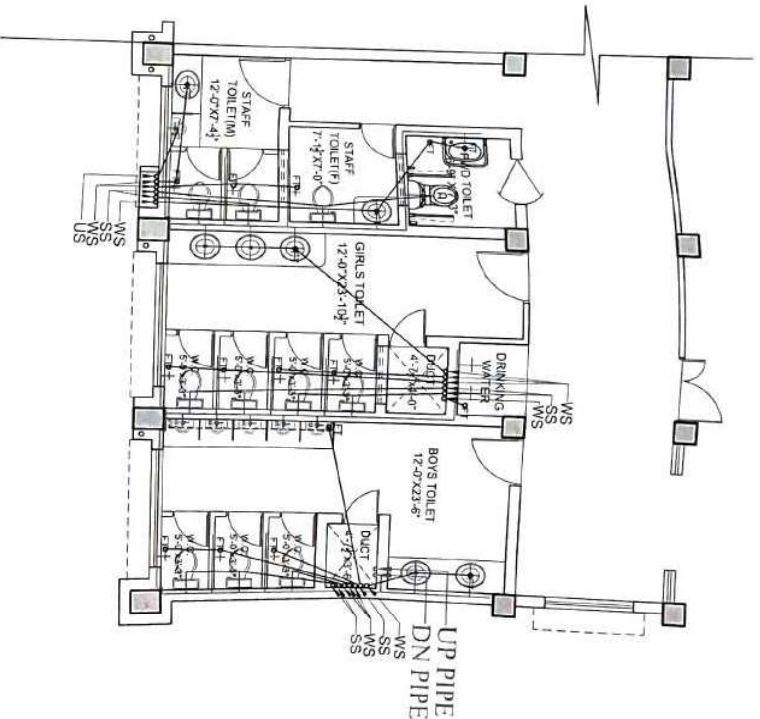


PROJECT:-		EXECUTIVE ENGINEER W.S. & SANITATION DIVL.	
GOVERNMENT SENIOR SECONDARY SCHOOL, BAIWALA, HOSHARPUR (G-1 STOREY)			
TITLE:-		WATER SUPPLY, SEWERAGE & SANITATION PLAN	
SHEET:-		DETAIL OF TOILETS (GROUND FLOOR R.H.S AREA)	
SCALE: N.T.S.		DATE: 11/04/26	
DRG. No. - PH-11			
CHECKED	DPR	INVR	CONS

DETAIL OF TOILETS  
TYPICAL FLOOR (L.H.S AREA)



DETAIL OF TOILETS  
TYPICAL FLOOR (R.H.S AREA)



NOTE:-  
AUTOCAD DRAWING OF BUILDING  
RECEIVED FROM DEPTT OF ARCHITECTURE  
ONLY SERVICES ARE INCORPORATED  
BY DESIGN CONSULTANT ENGAGED BY  
THE EXECUTING DEPTT.

NOTES:-

1. ALL POWER DRAINAGE PIPES ARE
2. F.T. to G.T. \* 25mm Ø PIPE
3. W.S. to G.T. \* 25mm Ø PIPE
4. S.S. to G.T. \* 100mm Ø PIPE
5. U.S. to G.T. \* 75mm Ø PIPE
6. G.T. to I.C. \* 100mm Ø PIPE
7. W.C. to I.C. \* 100mm Ø PIPE
8. I.C. to I.C. \* 150mm Ø PIPE
9. ALL WATER SUPPLY & DRAINAGE PIPES ARE
10. UP PIPE \* 25mm Ø PIPE
11. DN PIPE \* 25mm Ø PIPE
12. INTERNAL PRESSURE \* 25mm Ø PIPE
13. TAP/LEAKING STACKING \* 25mm Ø PIPE
14. DRAWING SHOWING TYPICAL PLAN  
BENEFITARY AND DIRECTION OF OUTLET  
WITH LAUNCH PLAN BEFORE EXECUTION.
15. F.T. \* FLOOR TRAP
16. W.S. \* WASTE STACK
17. U.S. \* URINAL STACK
18. S.S. \* SOLID STACK

WATER SUPPLY FOR FLUSHING

SEWERAGE LINE

CHINA WARE

CHANNEL

ELECT

GEYSER



EXECUTIVE ENGINEER  
W.S. & SANITATION DIV.

PROJECT:-  
GOVERNMENT SENIOR  
SECONDARY SCHOOL, BAIJWARA,  
HOSHARPUR (G-1 STOREY)

TITLE:-  
WATER SUPPLY, SEWERAGE  
& SANITARY PLAN

SHEET :-  
DETAIL OF TOILETS  
GROUND FLOOR (L.H.S AREA)

SCALE : N.T.S.
DATE : 11-10-26
DRG. NO. - PH-12
THICKENED BY : ✓
DPR
TENDER
CONST



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



TERRACE

Diagram of a water tank with a 6'-0" diameter and a 1000 TR. CAP. The tank is connected to a 10" UP PIPE and a 10" DN PIPE.

NOTES:-

- |    |                     |
|----|---------------------|
| 17 | U.S. • URBAN INCOME |
|----|---------------------|

FOR FLUSHING — —

CHANNEL


**GEYSERS**

11

100

100

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W/S &amp; SANITARY

PROJECT:

SECONDARY SCIO

<p> <input type="checkbox"/> <b>NOT</b> <input type="checkbox"/> <b>YES</b> </p>	<p> <input type="checkbox"/> <b>NOT</b> <input type="checkbox"/> <b>YES</b> </p>
--	--

W.A. HATHORN, JR.

SHAEFT.

With five stars

[illegible]

SCA

DATA	
------	--

[illegible]

11/12

1





TERRACE PLAN

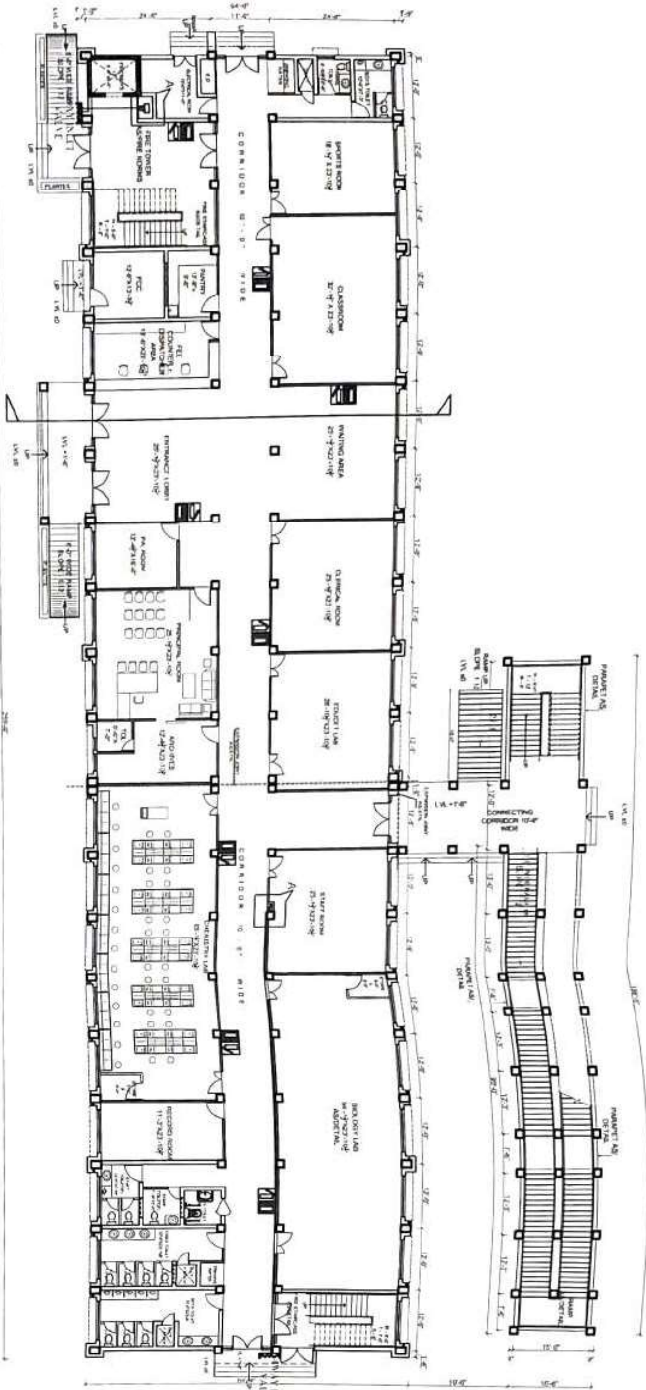
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

NOTE:-  
 ACTING AD DRAWING OF BUILDING,  
 RECTIFIED FROM DRAFT OF ARCHITECTURAL  
 DRAWINGS AND IN COMPLIANCE  
 WITH THE CONSULTING ENGINEER  
 THE EXECUTING OFFICE.

**NOTES:-**

1. ALL WATER DRAINAGE PIPES ARE
2. 75 mm dia. x 10mm g. pipe.
3. 100 mm dia. x 15mm g. pipe.
4. 125 mm dia. x 20mm g. pipe.
5. 150 mm dia. x 25mm g. pipe.
6. 175 mm dia. x 30mm g. pipe.
7. 200 mm dia. x 35mm g. pipe.
8. 225 mm dia. x 40mm g. pipe.
9. 250 mm dia. x 45mm g. pipe.
10. 275 mm dia. x 50mm g. pipe.
11. 300 mm dia. x 55mm g. pipe.
12. 325 mm dia. x 60mm g. pipe.
13. 350 mm dia. x 65mm g. pipe.
14. 375 mm dia. x 70mm g. pipe.
15. 400 mm dia. x 75mm g. pipe.
16. 425 mm dia. x 80mm g. pipe.
17. 450 mm dia. x 85mm g. pipe.
18. 475 mm dia. x 90mm g. pipe.
19. 500 mm dia. x 95mm g. pipe.
20. 525 mm dia. x 100mm g. pipe.
21. 550 mm dia. x 105mm g. pipe.
22. 575 mm dia. x 110mm g. pipe.
23. 600 mm dia. x 115mm g. pipe.
24. 625 mm dia. x 120mm g. pipe.
25. 650 mm dia. x 125mm g. pipe.
26. 675 mm dia. x 130mm g. pipe.
27. 700 mm dia. x 135mm g. pipe.
28. 725 mm dia. x 140mm g. pipe.
29. 750 mm dia. x 145mm g. pipe.
30. 775 mm dia. x 150mm g. pipe.
31. 800 mm dia. x 155mm g. pipe.
32. 825 mm dia. x 160mm g. pipe.
33. 850 mm dia. x 165mm g. pipe.
34. 875 mm dia. x 170mm g. pipe.
35. 900 mm dia. x 175mm g. pipe.
36. 925 mm dia. x 180mm g. pipe.
37. 950 mm dia. x 185mm g. pipe.
38. 975 mm dia. x 190mm g. pipe.
39. 1000 mm dia. x 195mm g. pipe.
40. 1025 mm dia. x 200mm g. pipe.
41. 1050 mm dia. x 205mm g. pipe.
42. 1075 mm dia. x 210mm g. pipe.
43. 1100 mm dia. x 215mm g. pipe.
44. 1125 mm dia. x 220mm g. pipe.
45. 1150 mm dia. x 225mm g. pipe.
46. 1175 mm dia. x 230mm g. pipe.
47. 1200 mm dia. x 235mm g. pipe.
48. 1225 mm dia. x 240mm g. pipe.
49. 1250 mm dia. x 245mm g. pipe.
50. 1275 mm dia. x 250mm g. pipe.
51. 1300 mm dia. x 255mm g. pipe.
52. 1325 mm dia. x 260mm g. pipe.
53. 1350 mm dia. x 265mm g. pipe.
54. 1375 mm dia. x 270mm g. pipe.
55. 1400 mm dia. x 275mm g. pipe.
56. 1425 mm dia. x 280mm g. pipe.
57. 1450 mm dia. x 285mm g. pipe.
58. 1475 mm dia. x 290mm g. pipe.
59. 1500 mm dia. x 295mm g. pipe.
60. 1525 mm dia. x 300mm g. pipe.
61. 1550 mm dia. x 305mm g. pipe.
62. 1575 mm dia. x 310mm g. pipe.
63. 1600 mm dia. x 315mm g. pipe.
64. 1625 mm dia. x 320mm g. pipe.
65. 1650 mm dia. x 325mm g. pipe.
66. 1675 mm dia. x 330mm g. pipe.
67. 1700 mm dia. x 335mm g. pipe.
68. 1725 mm dia. x 340mm g. pipe.
69. 1750 mm dia. x 345mm g. pipe.
70. 1775 mm dia. x 350mm g. pipe.
71. 1800 mm dia. x 355mm g. pipe.
72. 1825 mm dia. x 360mm g. pipe.
73. 1850 mm dia. x 365mm g. pipe.
74. 1875 mm dia. x 370mm g. pipe.
75. 1900 mm dia. x 375mm g. pipe.
76. 1925 mm dia. x 380mm g. pipe.
77. 1950 mm dia. x 385mm g. pipe.
78. 1975 mm dia. x 390mm g. pipe.
79. 2000 mm dia. x 395mm g. pipe.
80. 2025 mm dia. x 400mm g. pipe.
81. 2050 mm dia. x 405mm g. pipe.
82. 2075 mm dia. x 410mm g. pipe.
83. 2100 mm dia. x 415mm g. pipe.
84. 2125 mm dia. x 420mm g. pipe.
85. 2150 mm dia. x 425mm g. pipe.
86. 2175 mm dia. x 430mm g. pipe.
87. 2200 mm dia. x 435mm g. pipe.
88. 2225 mm dia. x 440mm g. pipe.
89. 2250 mm dia. x 445mm g. pipe.
90. 2275 mm dia. x 450mm g. pipe.
91. 2300 mm dia. x 455mm g. pipe.
92. 2325 mm dia. x 460mm g. pipe.
93. 2350 mm dia. x 465mm g. pipe.
94. 2375 mm dia. x 470mm g. pipe.
95. 2400 mm dia. x 475mm g. pipe.
96. 2425 mm dia. x 480mm g. pipe.
97. 2450 mm dia. x 485mm g. pipe.
98. 2475 mm dia. x 490mm g. pipe.
99. 2500 mm dia. x 495mm g. pipe.
100. 2525 mm dia. x 500mm g. pipe.
101. 2550 mm dia. x 505mm g. pipe.
102. 2575 mm dia. x 510mm g. pipe.
103. 2600 mm dia. x 515mm g. pipe.
104. 2625 mm dia. x 520mm g. pipe.
105. 2650 mm dia. x 525mm g. pipe.
106. 2675 mm dia. x 530mm g. pipe.
107. 2700 mm dia. x 535mm g. pipe.
108. 2725 mm dia. x 540mm g. pipe.
109. 2750 mm dia. x 545mm g. pipe.
110. 2775 mm dia. x 550mm g. pipe.
111. 2800 mm dia. x 555mm g. pipe.
112. 2825 mm dia. x 560mm g. pipe.
113. 2850 mm dia. x 565mm g. pipe.
114. 2875 mm dia. x 570mm g. pipe.
115. 2900 mm dia. x 575mm g. pipe.
116. 2925 mm dia. x 580mm g. pipe.
117. 2950 mm dia. x 585mm g. pipe.
118. 2975 mm dia. x 590mm g. pipe.
119. 3000 mm dia. x 595mm g. pipe.
120. 3025 mm dia. x 600mm g. pipe.
121. 3050 mm dia. x 605mm g. pipe.
122. 3075 mm dia. x 610mm g. pipe.
123. 3100 mm dia. x 615mm g. pipe.
124. 3125 mm dia. x 620mm g. pipe.
125. 3150 mm dia. x 625mm g. pipe.
126. 3175 mm dia. x 630mm g. pipe.
127. 3200 mm dia. x 635mm g. pipe.
128. 3225 mm dia. x 640mm g. pipe.
129. 3250 mm dia. x 645mm g. pipe.
130. 3275 mm dia. x 650mm g. pipe.
131. 3300 mm dia. x 655mm g. pipe.
132. 3325 mm dia. x 660mm g. pipe.
133. 3350 mm dia. x 665mm g. pipe.
134. 3375 mm dia. x 670mm g. pipe.
135. 3400 mm dia. x 675mm g. pipe.
136. 3425 mm dia. x 680mm g. pipe.
137. 3450 mm dia. x 685mm g. pipe.
138. 3475 mm dia. x 690mm g. pipe.
139. 3500 mm dia. x 695mm g. pipe.
140. 3525 mm dia. x 700mm g. pipe.
141. 3550 mm dia. x 705mm g. pipe.
142. 3575 mm dia. x 710mm g. pipe.
143. 3600 mm dia. x 715mm g. pipe.
144. 3625 mm dia. x 720mm g. pipe.
145. 3650 mm dia. x 725mm g. pipe.
146. 3675 mm dia. x 730mm g. pipe.
147. 3700 mm dia. x 735mm g. pipe.
148. 3725 mm dia. x 740mm g. pipe.
149. 3750 mm dia. x 745mm g. pipe.
150. 3775 mm dia. x 750mm g. pipe.
151. 3800 mm dia. x 755mm g. pipe.
152. 3825 mm dia. x 760mm g. pipe.
153. 3850 mm dia. x 765mm g. pipe.
-

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



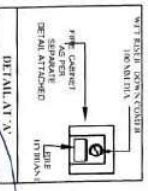
GENERAL NOTES:-

1. ENTIRE PIPING WILL BE CARRIED OUT BY MS CLASS 'C' PIPE CONFIRMING TO IS 1239.
2. ALL ABOVE GROUND PIPE WILL BE PAINTED WITH ONE COAT OF RED OXIDE PRIMER AND TWO COATS OF RED SYNTHETIC ENAMEL AS PER SHADE 538.
3. PIPING ABOVE 50NB TO BE CARRIED OUT BY CUTTING WELDING JOINTS WITH HEAVY GRADE MS BUTT WELDED ELBOWS AND FITTINGS.
4. 40 NB AND BELOW SIZE PIPING WILL BE DONE BY CUTTING THREADING AND FITTINGS WITH MS MELLABLE FITTING AS REQUIRED.
5. REDUCERS AND SPECIAL FITTINGS ARE NOT BE FABRICATED AT SITE, ONLY FACTORY MADE FITTINGS SHALL BE USED.
6. BENDS ARE MADE FROM MS PIPES.
7. ALL MS FLANGE DIMENSION WILL CONFORM TO IS 1538 SPECIFICATIONS AND THICKNESS AS PER TABLE.

FIRE EQUIPMENT DETAIL	
APPLICABLE NBC-2016 TABLE-7	
(2) MINIMUM IS NOT IN HT, BUT NOT EXCEEDING 20M IN HEIGHT	
Sr. NO.	DESCRIPTION
1.	1 AND 3/4" NA
2.	MAJOR RISER
3.	MAJOR RISE
4.	NO OF RISER TUBES
5.	NO OF RISER TUBES
6.	NO OF RISER TUBES
7.	NO OF RISER TUBES
8.	NO OF RISER TUBES
9.	NO OF RISER TUBES
10.	NO OF RISER TUBES
11.	NO OF RISER TUBES
12.	NO OF RISER TUBES
13.	NO OF RISER TUBES
14.	NO OF RISER TUBES
15.	NO OF RISER TUBES
16.	NO OF RISER TUBES
17.	NO OF RISER TUBES
18.	NO OF RISER TUBES
19.	NO OF RISER TUBES
20.	NO OF RISER TUBES
21.	NO OF RISER TUBES
22.	NO OF RISER TUBES
23.	NO OF RISER TUBES

NOTE:-  
 1. ALL WORKMANSHIP OF BUILDING, EXCEPT TO THE PROPERTY OF ARCHITECT, SHALL BE IN ACCORDANCE WITH THE EXISTING DRAWING.

FIRE FIGHTING LEGENDS	
0	RISING MAIN
1	FIRE HOSE CABINET
2	FIRE EXTINGUISHER
3	ABC TYPE
4	FIRE EXTINGUISHER CO2
5	FOAM TYPE
6	4 WAY INLET VALVE
7	SIDE SPRINKLER
8	SPRINKLER PENDANT
9	ELECTRICAL PUMP
10	VALVE
11	NON RETURN VALVE



PROJECT:-  
 GOVERNMENT SENIOR  
 SECONDARY SCHOOL, BAWANA  
 HOSHARPUR (G-3 STOREY)

TITLE:-  
 FIRE FIGHTING PLAN

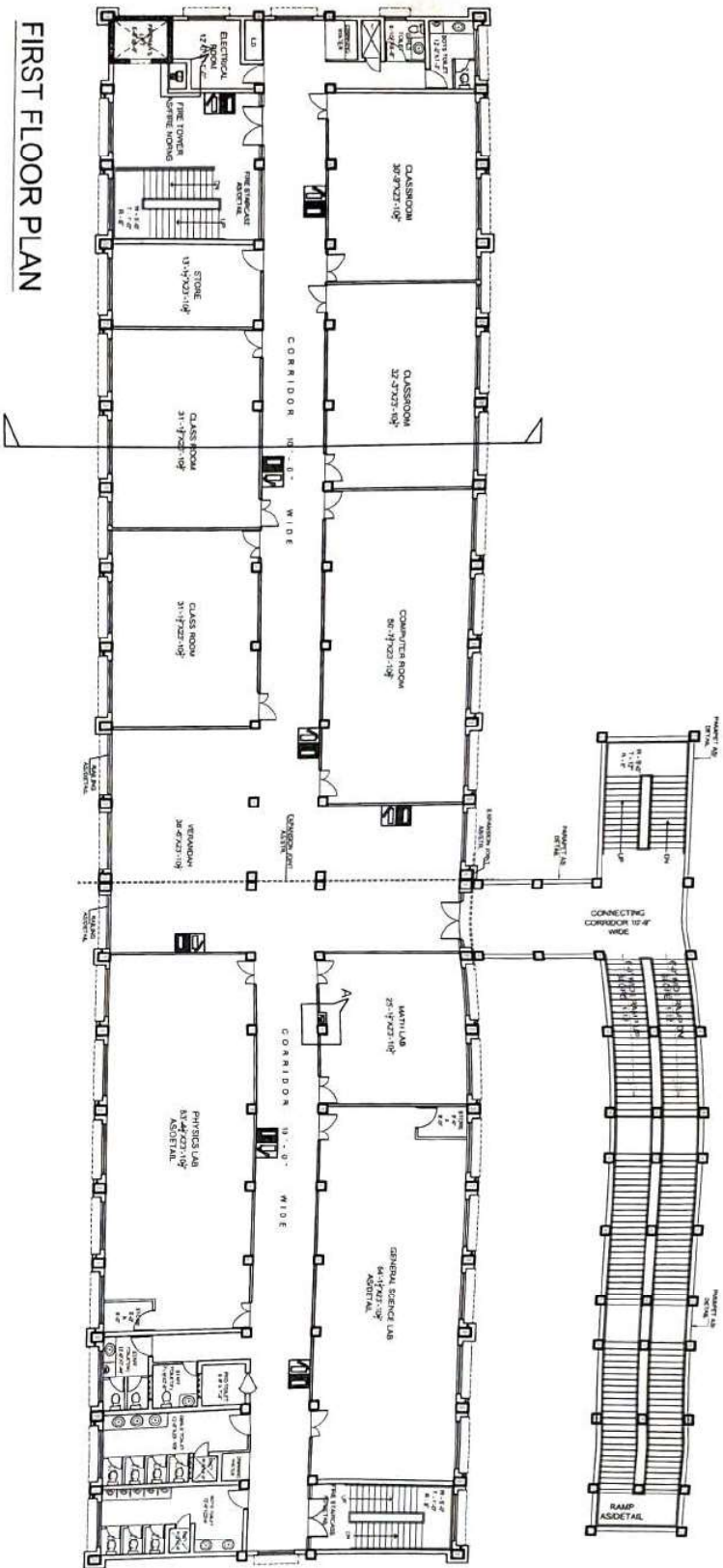
SHEET:-  
 GROUND FLOOR PLAN

SCALE: N.T.S.
DATE: 14-04-26
DRG No:- FT-01
DRG No:- FT-01
DRG No:- FT-01

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

FIRST FLOOR PLAN

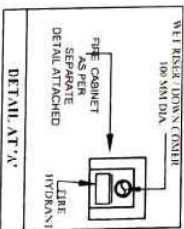
GOVERNMENT SENIOR  
SECONDARY SCHOOL, BALJWARA  
HOSHARPUR



NOTES:  
1. ALL TOCAD DRAWING OF BUILDING  
2. RECEIVED FROM DEPTT OF ARCHITECTURE  
3. ONLY A SERVICE IS ARE IN CORPORATE  
4. BY DESIGN CONSULTANT (ENGAGED BY  
THE EXECUTING DEPTT)

FIRE FIGHTING LEGENDS

- RISING MAIN
- FIRE HOSE CABINET
- FIRE EXTINGUISHER ABC TYPE
- FIRE EXTINGUISHER CO2
- FIRE EXTINGUISHER FOAM TYPE
- 4 WAY INLET VALVE
- SIDE SPRINKLER
- SPRINKLER PENDANT
- ELECTRICAL PUMP
- VALVE
- NON RETURN VALVE



PROJECT:-

GOVERNMENT SENIOR  
SECONDARY SCHOOL, BALJWARA,  
HOSHARPUR

TITLE:-

FIRE FIGHTING PLAN

SHEET:-

FIRST FLOOR PLAN

SCALE: N.T.S.

DATE: 14-04-26

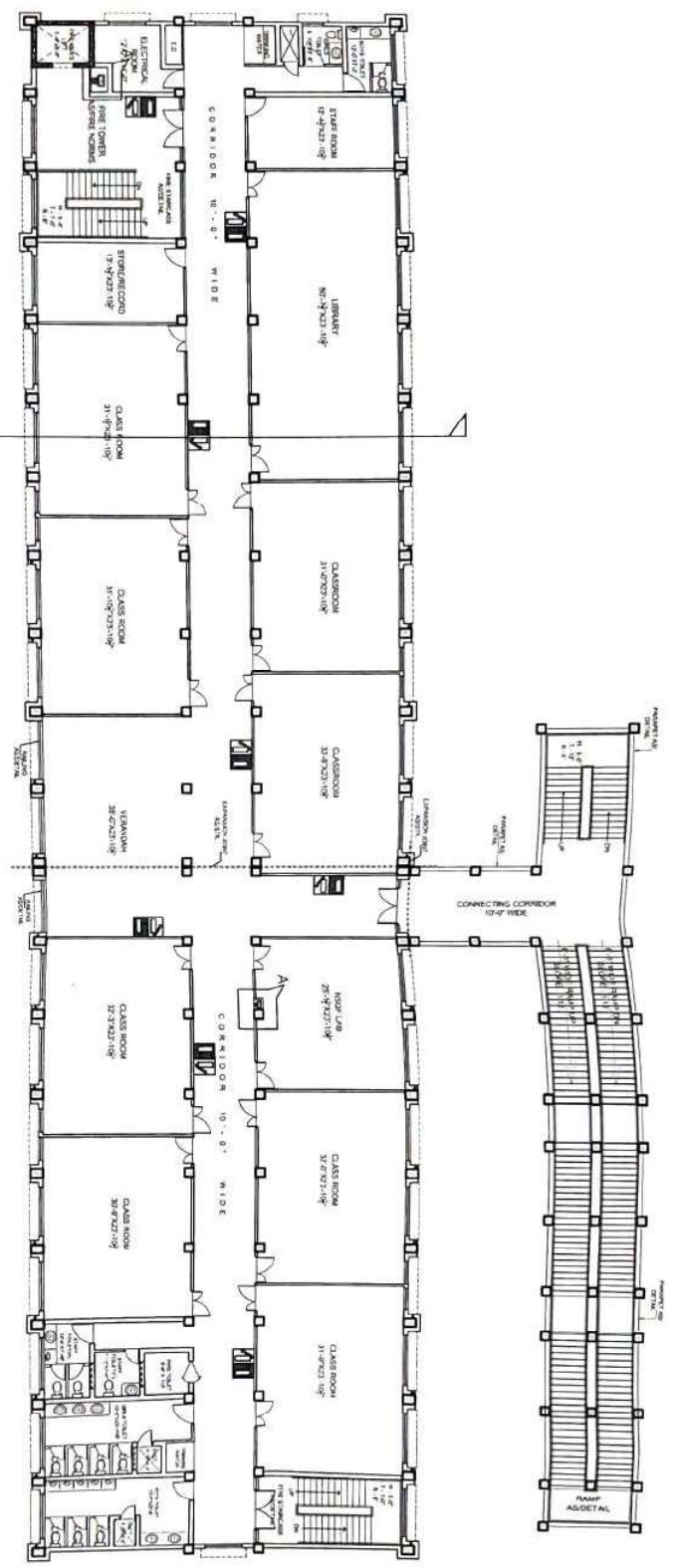
DRG. No: FF-02

W/CD: V/ DR: T/ S/



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

SECOND FLOOR PLAN

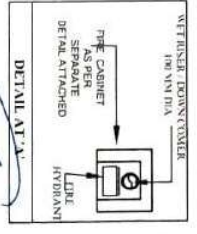


PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

NOTE -  
AUTOCAD DRAWING OF BUILDING  
RECEIVED FROM DEPTT OF ARCHITECTURE  
ONLY SERVICES ARE IN COMPLIANCE  
BY DESIGN CONSULTANT ENGAGED BY  
THE EXECUTING DEPTT

FIRE FIGHTING LEGENDS

- RISING MAIN
- FIRE HOSE CABINET
- FIRE EXTINGUISHER AID TYPE
- FIRE EXTINGUISHER CO2
- FIRE EXTINGUISHER FOAM TYPE
- 4 WAY INLET VALVE
- SIDE SPRINKLER
- SPRINKLER PENDANT
- ELECTRICAL PUMP
- VALVE
- NON RETURN VALVE



PROJECT -  
GOVERNMENT SENIOR  
SECONDARY SCHOOL  
HOSHARPUR (G-1 STOREY)

TITLE -  
FIRE FIGHTING PLAN

SHEET -  
SECOND FLOOR PLAN

SCALE : N.T.S.
DATE : 14-04-26
DRG. No: FF-03
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DATE: [Signature]












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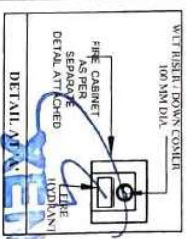


PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

NOTE:  
AUTOCAD DRAWING OF BUILDING  
RECEIVED FROM DE PTT OF ARCHITECTURAL  
ONLY A SURVEY IS A R. N. CORPORATION  
BY DESIGN CONSULTANT ENGAGED BY  
THE EXCUTING DE PTT

## FIRE FIGHTING LEGENDS

- |   |                                   |
|---|-----------------------------------|
|  | RISE HOSE MAIN                    |
|  | FIRE HOSE CABINET                 |
|  | FIRE EXTINGUISHER                 |
|  | FIRE EXTINGUISHER CO<br>ABC TYPE  |
|  | FIRE EXTINGUISHER CO<br>FOAM TYPE |
|  | 4 WAY INLET VALVE                 |
|  | SIDE SPRINKLER                    |
|  | SPRINKLER PENDANT                 |
|  | ELECTRICAL PUMP                   |
|  | VALVE                             |
|  | NON RETURN VALVE                  |



PROJECT:-

GOVERNMENT SENIOR  
SECONDARY SCHOOL, BAJWARA,  
HOSHARPUR (G+3 STOREY)

**TITLE:-**

## FIRE FIGHTING PLAN

SHEET:-

## THIRD FLOOR PLAN

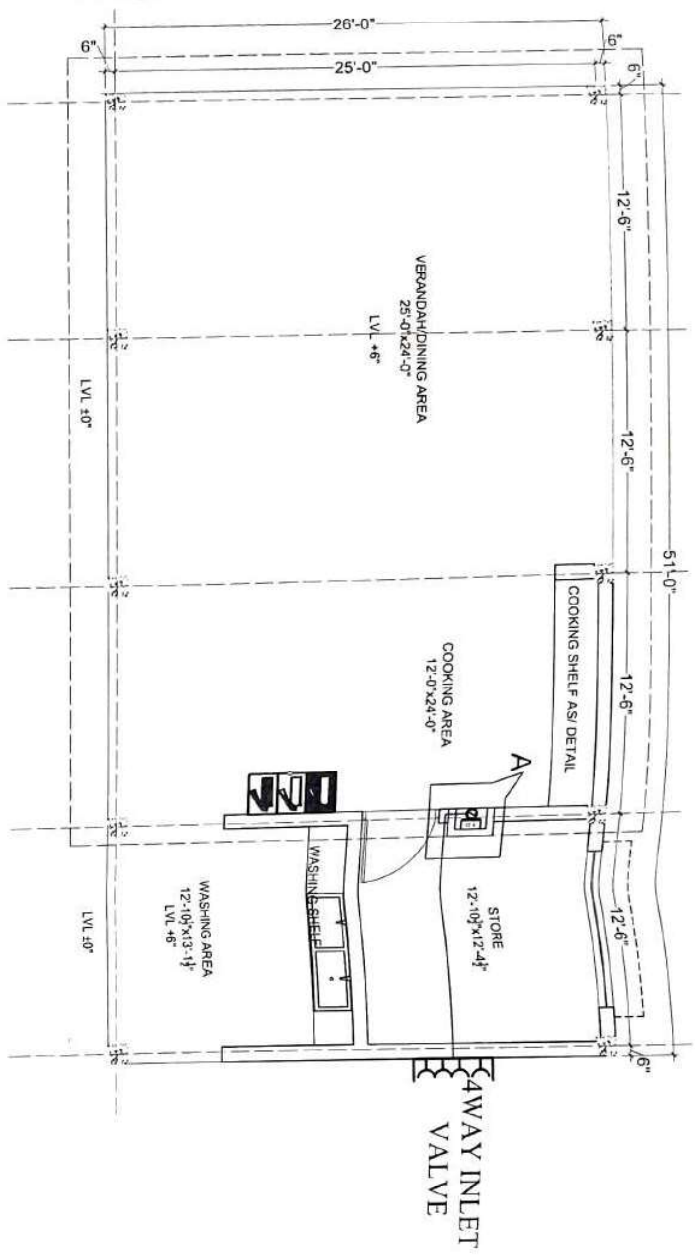
SCALE : N.T.S.

DATE : 14-04-

DKG, No: H-

Time (min)	Concentration (mg/L)
0	0
10	10
20	20
30	30
40	40
50	50
60	60
70	70
80	80
90	90
100	100

[illegible]

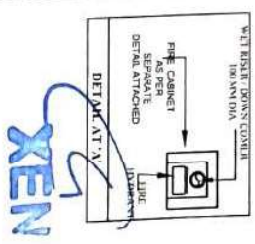


- GENERAL NOTES:-**
1. ENTIRE PIPING WILL BE CARRIED OUT BY MS CLASS 'C' PIPE CONFIRMING TO IS 1239.
  2. ALL ABOVE GROUND PIPE WILL BE PAINTED WITH ONE COAT OF RED OXIDE PRIMER AND TWO COATS OF RED SYNTHETIC ENAMEL AS PER SHADE 538
  3. PIPING ABOVE 50NB TO BE CARRIED OUT BY CUTTING WELDING JOINTS WITH HEAVY GRADE MS BUTT WELDED ELBOWS AND FITTINGS.
  4. 40 NB AND BELOW SIZE PIPING WILL BE DONE BY CUTTING THREADING AND FITTINGS WITH MS WELLABLE FITTING AS AS REQUIRED.
  5. REDUCERS AND SPECIAL FITTINGS ARE NOT BE FABRICATED AT SITE. ONLY FACTORY MADE FITTINGS SHALL BE USED.
  6. BENDS ARE MADE FROM MS PIPES
  7. ALL MS FLANGE DIMENSION WILL CONFORM TO IS: 1538 SPECIFICATIONS AND THICKNESS AS PER TABLE 'E'.

FIRE EQUIPMENT DETAIL APPLICABLE NBC 2016 TABLE 7 ASSEMBLY BUILDING (D) (a) BUILDING (D) TO D-5 IF MORE THAN 500 PERSONS		
Sr. No.	DISCUSSION	
1.	LAND AREA	50M
2.	MAXIMUM HEIGHT	14M
3.	NO. OF BASEMENT	NA
4.	NO. OF ACTUAL FLOORS	(SINGLE STORY)
5.	COVERED AREA & OCCUPANCY LOAD	50M
6.	NO. OF STAIR CASE	NO
7.	NO. OF RAMP FOR HABITATION	NO
8.	NOS OF LIFT	NO
9.	FIRE EXTINGUISHER CO2	01 NOS
10.	FIRE EXTINGUISHER ABC	01 NOS
11.	FIRE EXTINGUISHER FOAM TYPE	01 NOS
12.	NO. OF FIRE DUCTS	01 NOS
13.	NO. OF INTERNAL FIRE DUCTS	01 NOS
14.	THICKNESS OF WALL (mm)	210
15.	THICKNESS OF FLOOR (mm)	150
16.	OVER HEAD TANK	01 NOS
17.	NO. OF FLOOR WAY INLET CONNECTION	01 NOS
18.	NO. OF EXTERNAL TANK	01 NOS
19.	USE OF CAPACITY	NA
20.	USE OF CAPACITY	NA
21.	USE OF CAPACITY	NA
22.	USE OF CAPACITY	NA
23.	USE OF CAPACITY	NA

NOTE :-  
AUTOCAD DRAWING OF BUILDING  
RECEIVED FROM DEPT. OF ARCHITECTURE  
DAILY SERVICES ARE IN COMPLIANCE  
BY DESIGN CONSULTANT ENGAGED BY  
THE EXISTING DEPT.

FIRE FIGHTING LEGENDS	
	RISING MAIN
	FIRE HOSE CABINET
	FIRE EXTINGUISHER ABC TYPE
	FIRE EXTINGUISHER CO2 TYPE
	4 WAY INLET VALVE
	SIDE SPRINKLER
	SPRINKLER PENDANT
	ELECTRICAL PUMP
	VALVE
	NON RETURN VALVE



**PROJECT:-**  
GOVERNMENT SENIOR  
SECONDARY SCHOOL, BAVARA,  
HOSHARPUR (G-3 STOREY)

**TITLE:-**  
FIRE FIGHTING PLAN

**SHEET :-**  
MID DAY MEAL BLOCK  
(GROUND FLOOR PLAN)

**SCALE :-** N.T.S.

**DATE :-** 14-04-26

**DRG. No. :-** FT-01

**CHKD BY :-** ✓

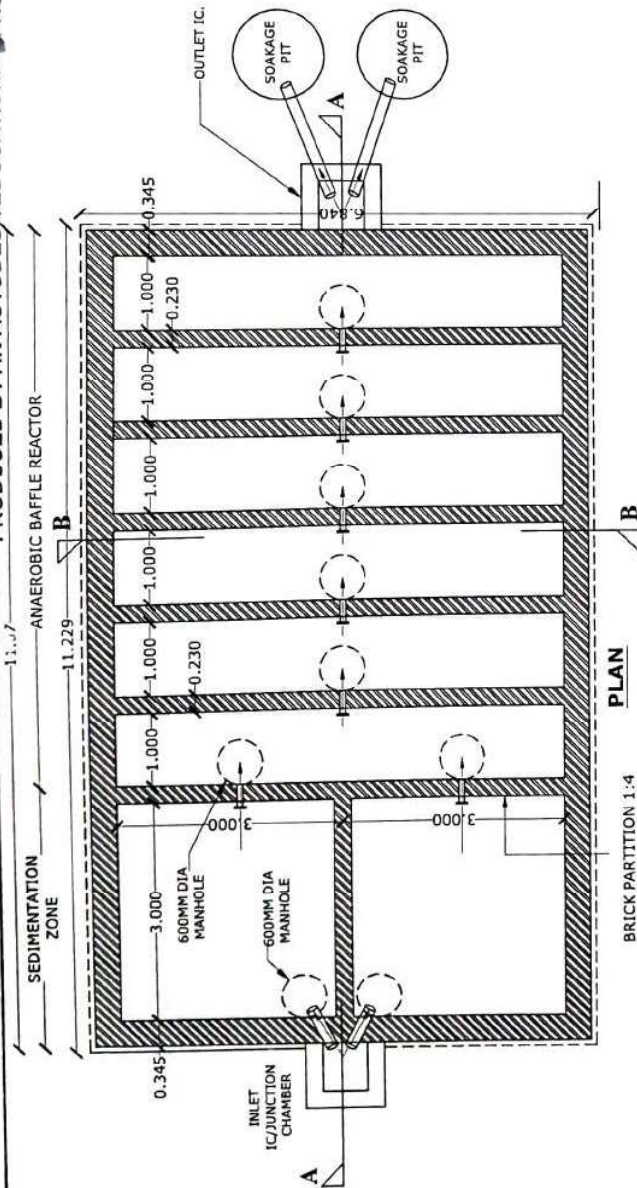
**APP. BY :-** ✓

**DESIGNER :-** ✓

**CONSI. :-** ✓

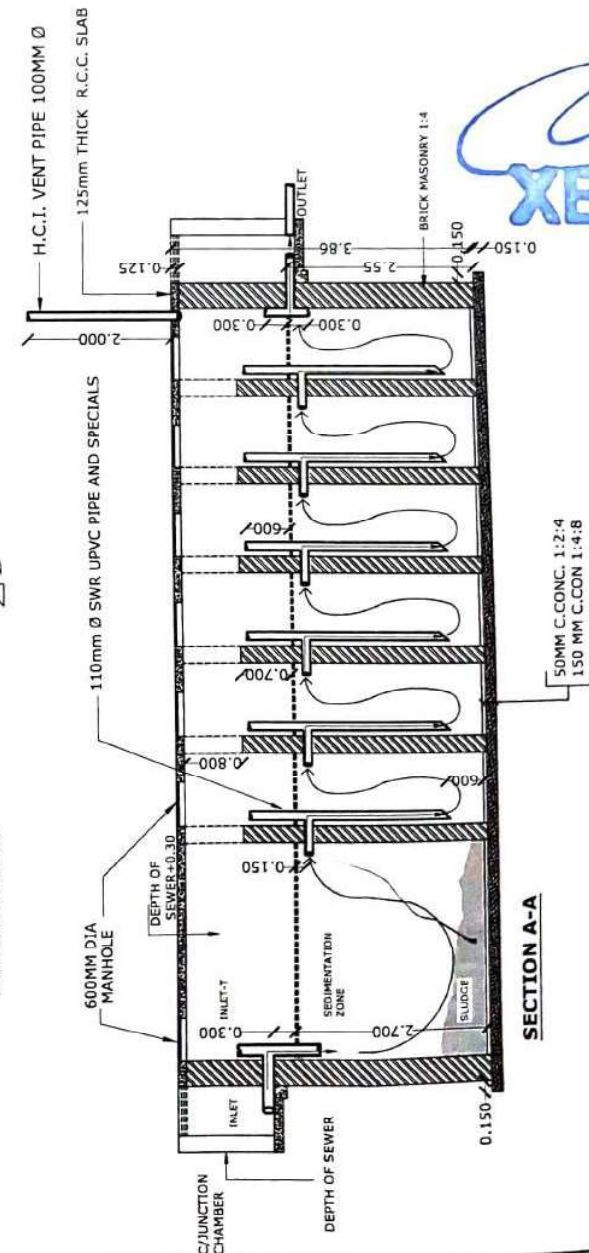


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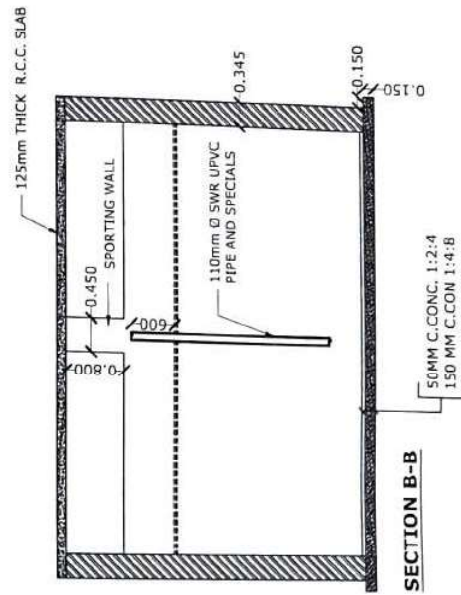


PLAN

BRICK PARTITION 1:4



SECTION A-A



SECTION B-B

NOTE-1

- THIS DRG. IS FOR ESTIMATE/TENDER PURPOSE ONLY
- ALL DIMENSION ARE IN MTRS OTHERWISE MENTIONED THERE

NOTE-2

- TO SLOW DOWN THE FLOW OF SEWAGE WATER WITHIN TANK/REACTOR ITS CAPACITY LEFT HIGHER THEN ONE DAY
- IN ANAEROBIC BAFFLED REACTOR COD AND BOD WILL BE REDUCED UP TO EXTENT OF MAXIMUM NEUTRALIZED.
- IN THIS PROJECT DISPOSAL /RECYCLABLE WATER IS VERY LESS QUANTITY.
- THERE IS NO GARDENING/AGRICULTURE AREA IN THE JURDICTION ON THIS PROJECT.
- TO USE THIS WATER FOR TOILET WASHING IN PROVIDING SEPARATE PROVISION OF SUPPLY AND TERRACE TANK BY PUMPING WILL BE VERY COSTLIER.
- HENCE IT IS PROPOSED TO RECHARGE THE TREATED WATER IN GROUND THROUGH SOAKAGE PITS.

TITLE:-

DETAIL OF ANAEROBIC BAFFLED REACTOR

PROJECT:-

CONVENT/ST. JAMES SECONDARY SCHOOL, BAWARA, HOSHAPUR (G.T. STREET)

SHEET :-

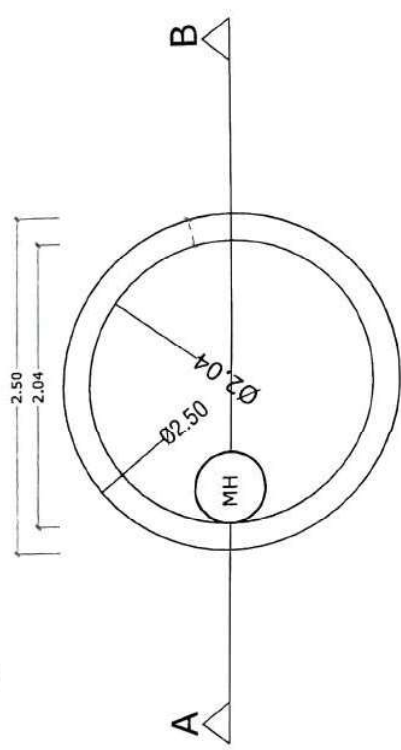
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DATE :

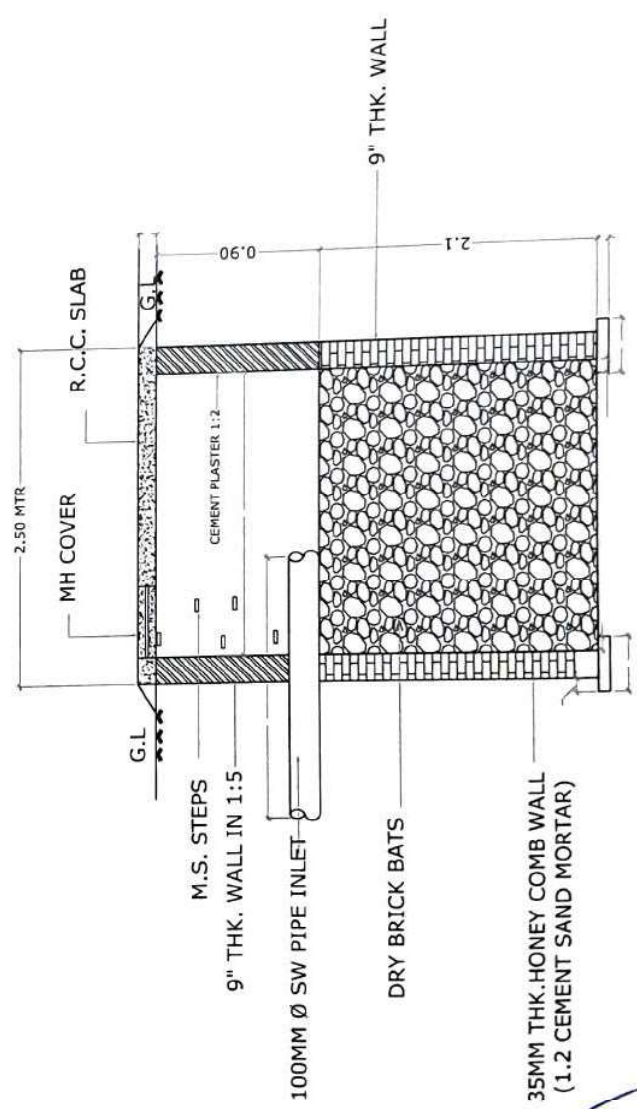
DRG. No:-01

PLAN & SECTION

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



PLAN



SECTION A-B

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

NOTE:- THIS DRG. IS FOR ESTIMATE,  
TENDER PURPOSE ONLY

PROJECT:-

GOVERNMENT SENIOR SECONDARY SCHOOL,  
BAJWARA, HOSHARPUR (G-3 STOREY)

TITLE:-

TYPICAL DETAIL OF 2.50 Ø MTR.  
SOAKAGE/RECHARGING PIT

SHEET :-

PLAN & SECTION

SCALE : N.T.S.

DATE :

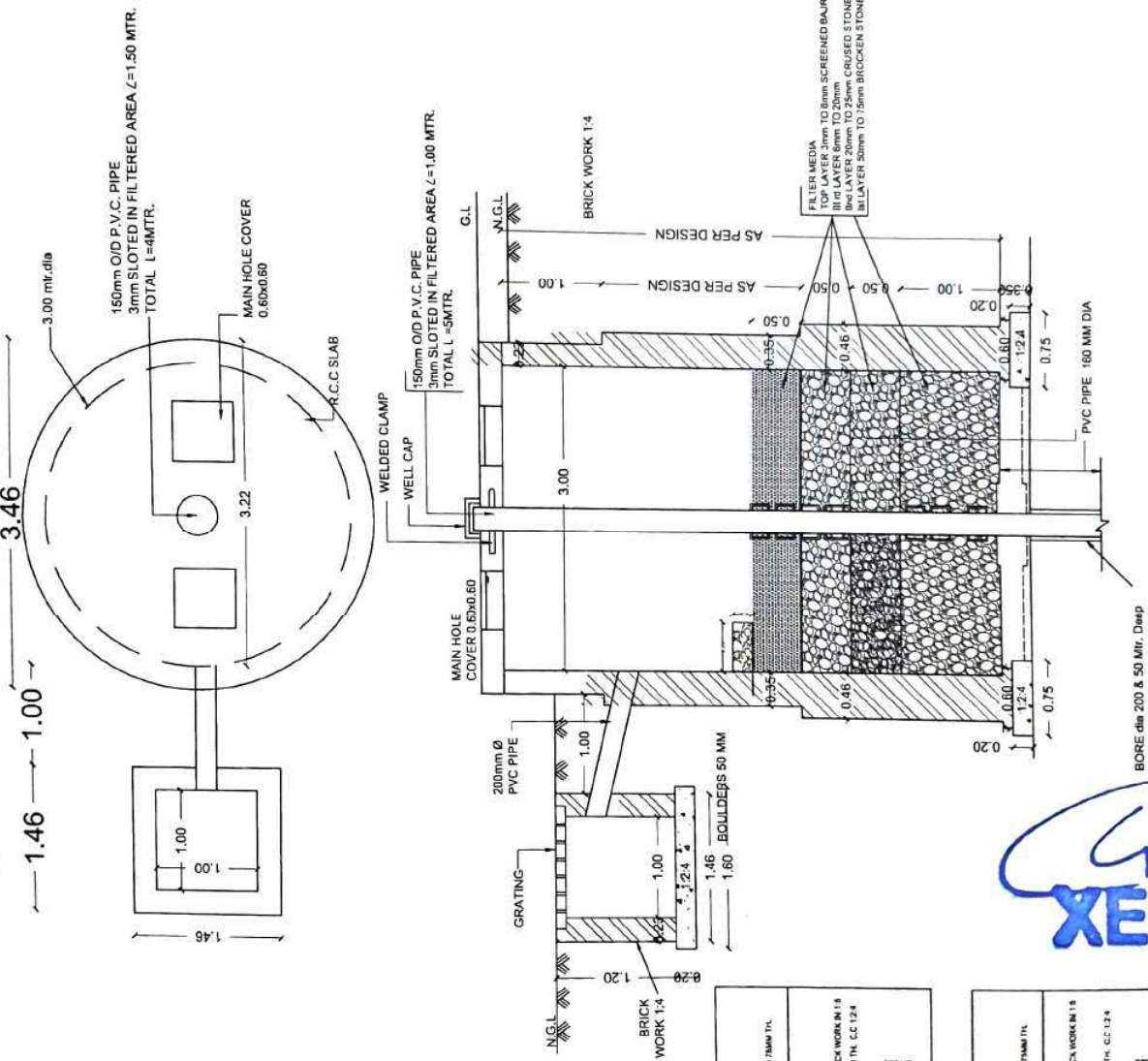
DRG. No:- 01

CHECKED BY:-	DPR	TENDER CONST.
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XEN



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DEPT. OF W/S AND SANITATION

VOLUME (CAPACITY OF RECHARGING WELL)  
COLLECTION WATER IN WORKING DEPTH  
CALCULATED IN THE DESIGN SHEET  
ATTACHED IN ESTIMATE

EXECUTIVE ENGINEER  
W/S & SANITATION DIVI.

PROJECT:-

GOVERNMENT SENIOR SECONDARY SCHOOL,  
BAJWARA, JOSHIAKUR (G-1 STONE)

TITLE:-

HARVESTING WELL & HAUDI

SCALE: N.T.S.

DATE:

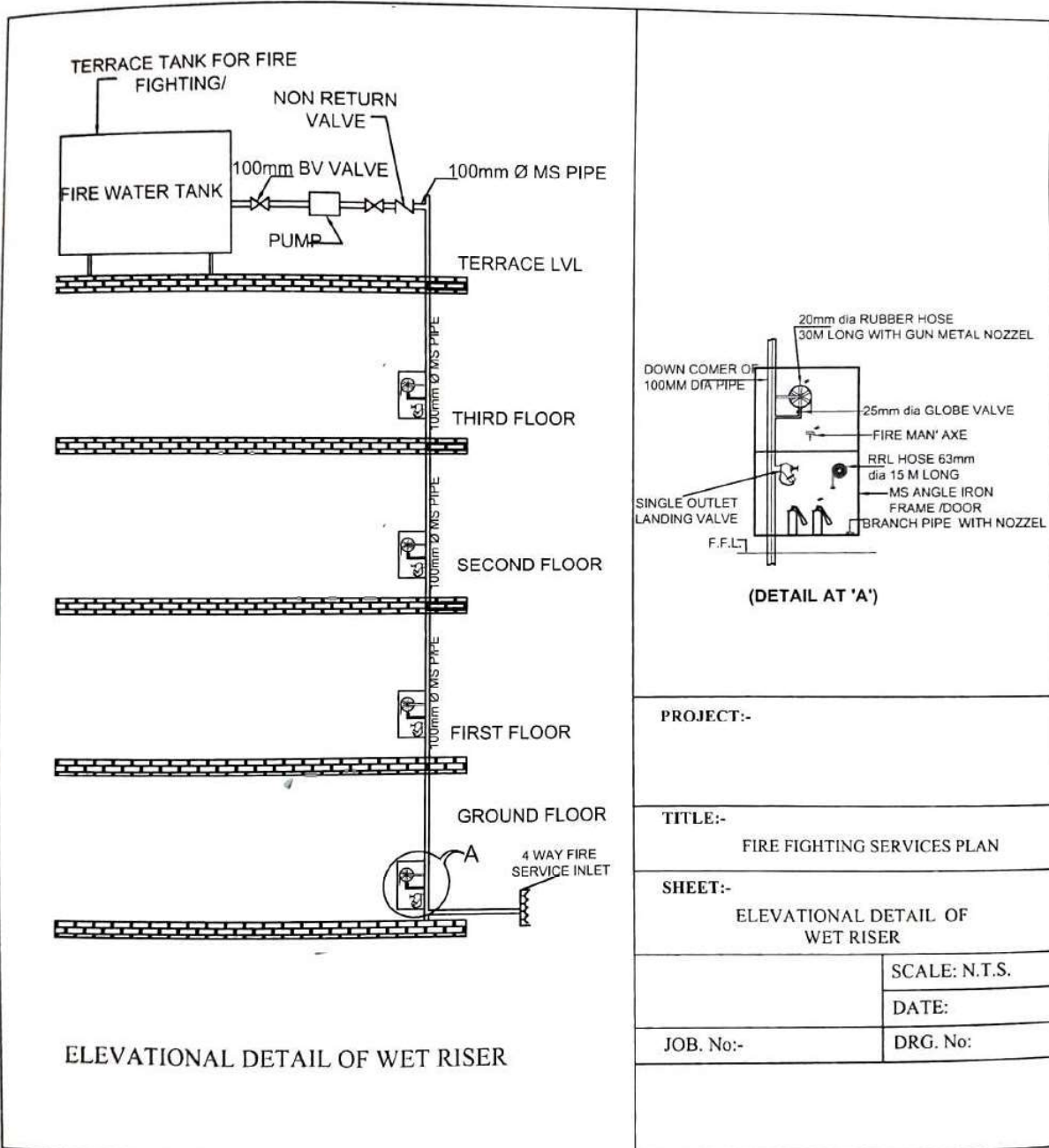
DRG. No: PH/01

JOB. No: CBF

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



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**XEN**

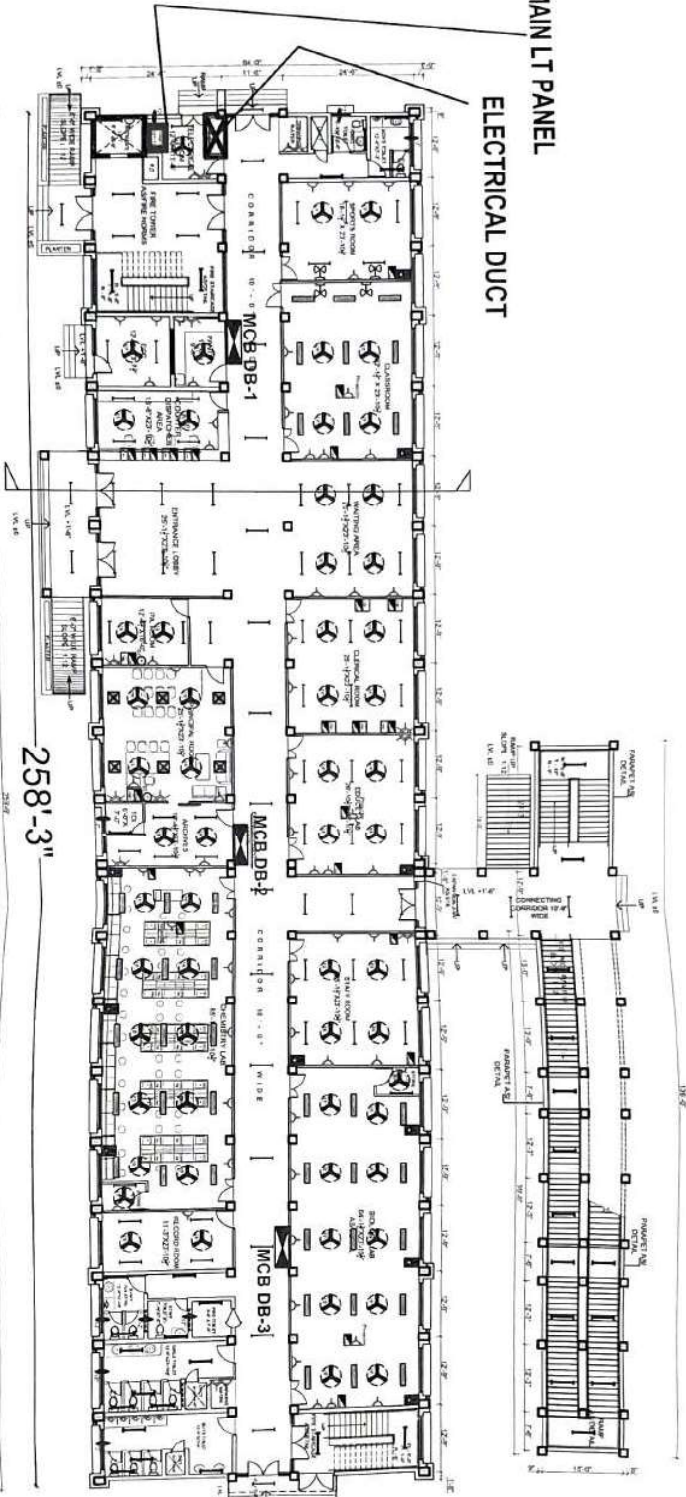
MCB DB : DB-1  
TPN 8W VDB WITH MCB I/C = 1NO.  
MCB FP 63A = 1NO.  
MCB 6-32A = 18 NOS.

MCB DB : DB-2  
TPN 8W VDB WITH MCB I/C = 1NO.  
MCB FP 63A = 1NO.  
MCB 6-32A = 18 NOS.

MCB DB : DB-3  
TPN 4W VDB WITH MCB I/C = 1NO.  
MCB FP 40A = 1NO.  
MCB 6-32A = 12 NOS.

# MAIN LT PANEL ELECTRICAL DUCT

## GROUND FLOOR PLAN



NOTE:  
AUTOCAD DRAWING OF BUILDING  
ELEVATION FROM DEPT. OF ARCHITECTURE  
ONLY SERVICES ARE IN CORRELATION  
BY DESIGN CONSULTANT ENGAGED BY  
THE EXECUTING DEPT.

ELECTRICAL LEGEND	
1	LED 8W TYPICAL
2	LED 4W TYPICAL
3	LED 10W TYPICAL
4	LED 15W TYPICAL
5	LED 20W TYPICAL
6	LED 25W TYPICAL
7	LED 30W TYPICAL
8	LED 35W TYPICAL
9	LED 40W TYPICAL
10	LED 45W TYPICAL
11	LED 50W TYPICAL
12	LED 55W TYPICAL
13	LED 60W TYPICAL
14	LED 65W TYPICAL
15	LED 70W TYPICAL
16	LED 75W TYPICAL
17	LED 80W TYPICAL
18	LED 85W TYPICAL
19	LED 90W TYPICAL
20	LED 95W TYPICAL
21	LED 100W TYPICAL
22	LED 105W TYPICAL
23	LED 110W TYPICAL
24	LED 115W TYPICAL
25	LED 120W TYPICAL
26	LED 125W TYPICAL
27	LED 130W TYPICAL
28	LED 135W TYPICAL
29	LED 140W TYPICAL
30	LED 145W TYPICAL
31	LED 150W TYPICAL
32	LED 155W TYPICAL
33	LED 160W TYPICAL
34	LED 165W TYPICAL
35	LED 170W TYPICAL
36	LED 175W TYPICAL
37	LED 180W TYPICAL
38	LED 185W TYPICAL
39	LED 190W TYPICAL
40	LED 195W TYPICAL
41	LED 200W TYPICAL
42	LED 205W TYPICAL
43	LED 210W TYPICAL
44	LED 215W TYPICAL
45	LED 220W TYPICAL
46	LED 225W TYPICAL
47	LED 230W TYPICAL
48	LED 235W TYPICAL
49	LED 240W TYPICAL
50	LED 245W TYPICAL
51	LED 250W TYPICAL
52	LED 255W TYPICAL
53	LED 260W TYPICAL
54	LED 265W TYPICAL
55	LED 270W TYPICAL
56	LED 275W TYPICAL
57	LED 280W TYPICAL
58	LED 285W TYPICAL
59	LED 290W TYPICAL
60	LED 295W TYPICAL
61	LED 300W TYPICAL
62	LED 305W TYPICAL
63	LED 310W TYPICAL
64	LED 315W TYPICAL
65	LED 320W TYPICAL
66	LED 325W TYPICAL
67	LED 330W TYPICAL
68	LED 335W TYPICAL
69	LED 340W TYPICAL
70	LED 345W TYPICAL
71	LED 350W TYPICAL
72	LED 355W TYPICAL
73	LED 360W TYPICAL
74	LED 365W TYPICAL
75	LED 370W TYPICAL
76	LED 375W TYPICAL
77	LED 380W TYPICAL
78	LED 385W TYPICAL
79	LED 390W TYPICAL
80	LED 395W TYPICAL
81	LED 400W TYPICAL
82	LED 405W TYPICAL
83	LED 410W TYPICAL
84	LED 415W TYPICAL
85	LED 420W TYPICAL
86	LED 425W TYPICAL
87	LED 430W TYPICAL
88	LED 435W TYPICAL
89	LED 440W TYPICAL
90	LED 445W TYPICAL
91	LED 450W TYPICAL
92	LED 455W TYPICAL
93	LED 460W TYPICAL
94	LED 465W TYPICAL
95	LED 470W TYPICAL
96	LED 475W TYPICAL
97	LED 480W TYPICAL
98	LED 485W TYPICAL
99	LED 490W TYPICAL
100	LED 495W TYPICAL

PROJECT:-  
GOVERNMENT SENIOR SECONDARY  
SCHOOL, BAIYAN, HOISHADPUR  
TITLE:-  
ELECTRICAL SERVICES  
SHEET:-  
GROUND FLOOR PLAN

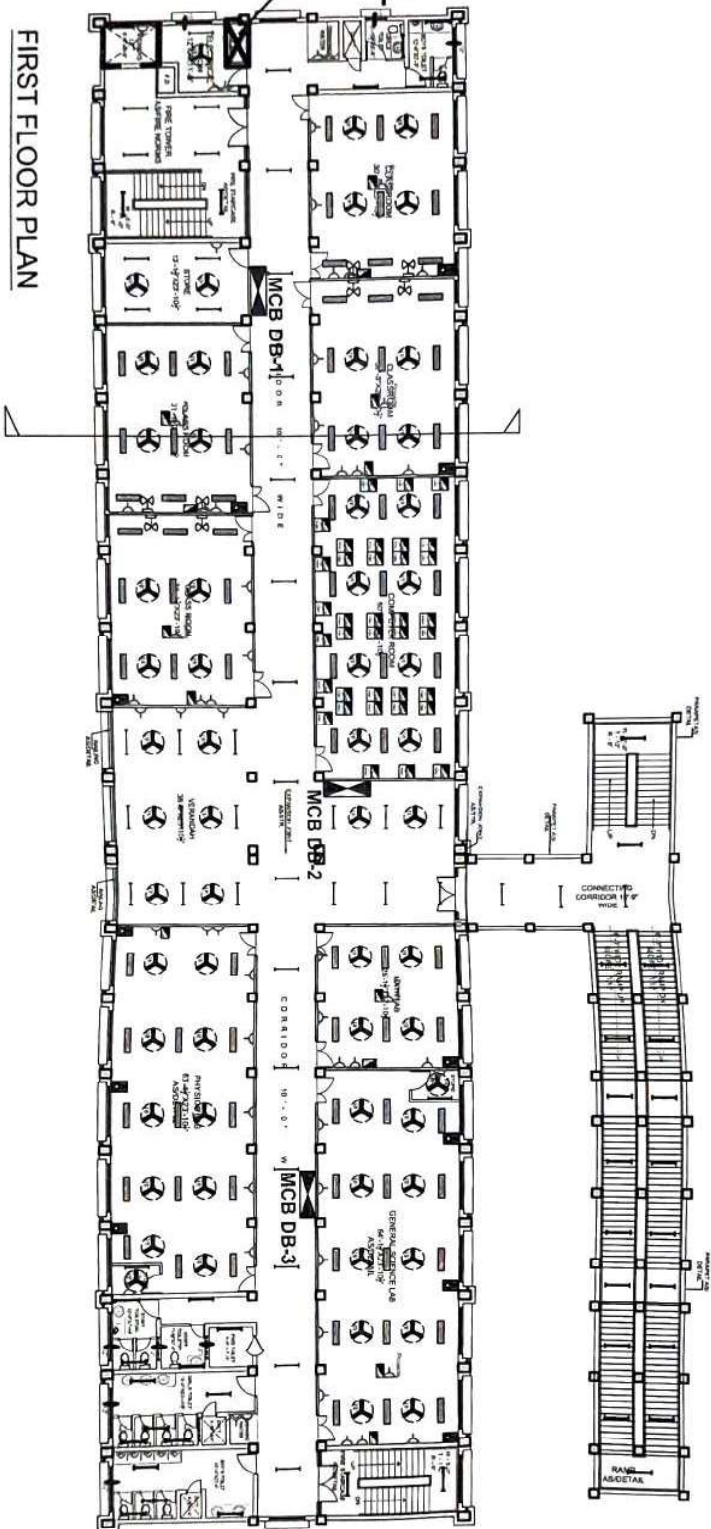
DATE: 24/04/2024  
SCALE: 1:50  
DRC: No. 11.1

MCB DB : DB-1  
TPN 8W VDB WITH MCB I/C = 1NO.  
MCB FP 63A = 1NO.  
MCB 6-32A = 18 NOS.

MCB DB : DB-2  
TPN 8W VDB WITH MCB I/C = 1NO.  
MCB FP 63A = 1NO.  
MCB 6-32A = 18 NOS.

MCB DB : DB-3  
TPN 4W VDB WITH MCB I/C = 1NO.  
MCB FP 40A = 1NO.  
MCB 6-32A = 12 NOS.

# FIRST FLOOR PLAN



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

NOTE:  
AUTOCAD DRAWING OF BUILDING  
RECEIVED FROM DEPT OF ARCHITECTURE  
ONLY SERVICES ARE IN CORPATED  
BY DESIGN CONSULTANT ENGAGED BY  
THE EXECUTING DEPT

## ELECTRICAL LEGENDS

1	LED BATTEN 30 W
2	LED BATTEN 30 W
3	LED FICURE 30 W (100 W)
4	LED FICURES 2 X 2 MODULAR 20 W (R)
5	LED FICURES 2 X 2 MODULAR 30 W (R)
6	LED FICURES 2 X 2 MODULAR 50 W (R)
7	LED FICURES 2 X 2 MODULAR 30 W (R)
8	LED FICURES 2 X 2 MODULAR 30 W (R)
9	LED FICURES 2 X 2 MODULAR 30 W (R)
10	LED FICURES 2 X 2 MODULAR 30 W (R)
11	LED FICURES 2 X 2 MODULAR 30 W (R)
12	LED FICURES 2 X 2 MODULAR 30 W (R)
13	LED FICURES 2 X 2 MODULAR 30 W (R)
14	LED FICURES 2 X 2 MODULAR 30 W (R)
15	LED FICURES 2 X 2 MODULAR 30 W (R)
16	LED FICURES 2 X 2 MODULAR 30 W (R)
17	LED FICURES 2 X 2 MODULAR 30 W (R)
18	LED FICURES 2 X 2 MODULAR 30 W (R)
19	LED FICURES 2 X 2 MODULAR 30 W (R)
20	LED FICURES 2 X 2 MODULAR 30 W (R)
21	LED FICURES 2 X 2 MODULAR 30 W (R)
22	LED FICURES 2 X 2 MODULAR 30 W (R)
23	LED FICURES 2 X 2 MODULAR 30 W (R)
24	LED FICURES 2 X 2 MODULAR 30 W (R)
25	LED FICURES 2 X 2 MODULAR 30 W (R)
26	LED FICURES 2 X 2 MODULAR 30 W (R)
27	LED FICURES 2 X 2 MODULAR 30 W (R)
28	LED FICURES 2 X 2 MODULAR 30 W (R)
29	LED FICURES 2 X 2 MODULAR 30 W (R)
30	LED FICURES 2 X 2 MODULAR 30 W (R)
31	LED FICURES 2 X 2 MODULAR 30 W (R)
32	LED FICURES 2 X 2 MODULAR 30 W (R)
33	LED FICURES 2 X 2 MODULAR 30 W (R)
34	LED FICURES 2 X 2 MODULAR 30 W (R)
35	LED FICURES 2 X 2 MODULAR 30 W (R)
36	LED FICURES 2 X 2 MODULAR 30 W (R)
37	LED FICURES 2 X 2 MODULAR 30 W (R)
38	LED FICURES 2 X 2 MODULAR 30 W (R)
39	LED FICURES 2 X 2 MODULAR 30 W (R)
40	LED FICURES 2 X 2 MODULAR 30 W (R)
41	LED FICURES 2 X 2 MODULAR 30 W (R)
42	LED FICURES 2 X 2 MODULAR 30 W (R)
43	LED FICURES 2 X 2 MODULAR 30 W (R)
44	LED FICURES 2 X 2 MODULAR 30 W (R)
45	LED FICURES 2 X 2 MODULAR 30 W (R)
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63	LED FICURES 2 X 2 MODULAR 30 W (R)
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78	LED FICURES 2 X 2 MODULAR 30 W (R)
79	LED FICURES 2 X 2 MODULAR 30 W (R)
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82	LED FICURES 2 X 2 MODULAR 30 W (R)
83	LED FICURES 2 X 2 MODULAR 30 W (R)
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86	LED FICURES 2 X 2 MODULAR 30 W (R)
87	LED FICURES 2 X 2 MODULAR 30 W (R)
88	LED FICURES 2 X 2 MODULAR 30 W (R)
89	LED FICURES 2 X 2 MODULAR 30 W (R)
90	LED FICURES 2 X 2 MODULAR 30 W (R)
91	LED FICURES 2 X 2 MODULAR 30 W (R)
92	LED FICURES 2 X 2 MODULAR 30 W (R)
93	LED FICURES 2 X 2 MODULAR 30 W (R)
94	LED FICURES 2 X 2 MODULAR 30 W (R)
95	LED FICURES 2 X 2 MODULAR 30 W (R)
96	LED FICURES 2 X 2 MODULAR 30 W (R)
97	LED FICURES 2 X 2 MODULAR 30 W (R)
98	LED FICURES 2 X 2 MODULAR 30 W (R)
99	LED FICURES 2 X 2 MODULAR 30 W (R)
100	LED FICURES 2 X 2 MODULAR 30 W (R)

PROJECT:  
GOVERNMENT SENIOR SECONDARY  
SCHOOL, BAWARA, HOSHAIPUR

TITLE:  
ELECTRICAL SERVICES

SHEET:  
FIRST FLOOR PLAN

DATE: 24-01-2026

SCALE: N.T.S

DRG No: EL-2

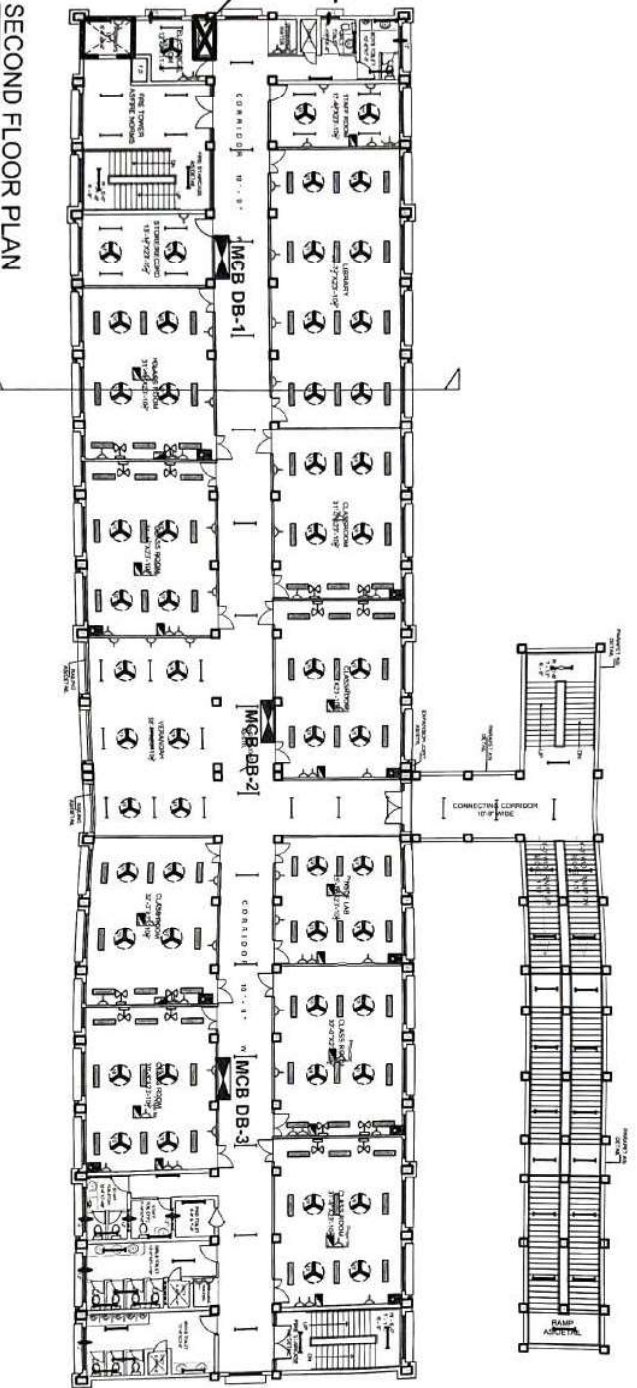
XEN



MCB DB : DB-1  
TPN 8W VDB WITH MCB I/C = 1NO.  
MCB FP 63A = 1NO.  
MCB 6-32A = 18 NOS.

MCB DB : DB-2  
TPN 8W VDB WITH MCB I/C = 1NO.  
MCB FP 63A = 1NO.  
MCB 6-32A = 18 NOS.

MCB DB : DB-3  
TPN 4W VDB WITH MCB I/C = 1NO.  
MCB FP 40A = 1NO.  
MCB 6-32A = 12 NOS.



NOTE:  
AUTOCAD DRAWING OF BUILDING  
RECEIVED FROM DEPT. OF ARCHITECTURE  
GOVERNMENT SENIOR SECONDARY  
SCHOOL, BAWVARKAL, HOSUR  
BY DESIGN CONSULTANT PROVIDED BY  
THE EXECUTING DEPT.

ELECTRICAL LEGENDS	
1	LED BATTERY 20 W
2	LED BATTERY 20 W
3	LED BATTERY 20 W
4	LED BATTERY 20 W
5	LED BATTERY 20 W
6	LED BATTERY 20 W
7	LED BATTERY 20 W
8	LED BATTERY 20 W
9	LED BATTERY 20 W
10	LED BATTERY 20 W
11	LED BATTERY 20 W
12	LED BATTERY 20 W
13	LED BATTERY 20 W
14	LED BATTERY 20 W
15	LED BATTERY 20 W
16	LED BATTERY 20 W
17	LED BATTERY 20 W
18	LED BATTERY 20 W
19	LED BATTERY 20 W
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21	LED BATTERY 20 W
22	LED BATTERY 20 W
23	LED BATTERY 20 W
24	LED BATTERY 20 W
25	LED BATTERY 20 W
26	LED BATTERY 20 W
27	LED BATTERY 20 W
28	LED BATTERY 20 W
29	LED BATTERY 20 W
30	LED BATTERY 20 W
31	LED BATTERY 20 W
32	LED BATTERY 20 W
33	LED BATTERY 20 W
34	LED BATTERY 20 W
35	LED BATTERY 20 W
36	LED BATTERY 20 W
37	LED BATTERY 20 W
38	LED BATTERY 20 W
39	LED BATTERY 20 W
40	LED BATTERY 20 W
41	LED BATTERY 20 W
42	LED BATTERY 20 W
43	LED BATTERY 20 W
44	LED BATTERY 20 W
45	LED BATTERY 20 W
46	LED BATTERY 20 W
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89	LED BATTERY 20 W
90	LED BATTERY 20 W
91	LED BATTERY 20 W
92	LED BATTERY 20 W
93	LED BATTERY 20 W
94	LED BATTERY 20 W
95	LED BATTERY 20 W
96	LED BATTERY 20 W
97	LED BATTERY 20 W
98	LED BATTERY 20 W
99	LED BATTERY 20 W
100	LED BATTERY 20 W

PROJECT:-  
GOVERNMENT SENIOR SECONDARY  
SCHOOL, BAWVARKAL, HOSUR  
TITLE:-  
ELECTRICAL SERVICES  
SHEET:- SECOND FLOOR PLAN  
DATE:-24-04-2026  
SCALE:- T.S.  
Dwg No.-EL-3

XEN

MCB FP 40A = 1NO.  
MCB 6-32A = 12 NOS.

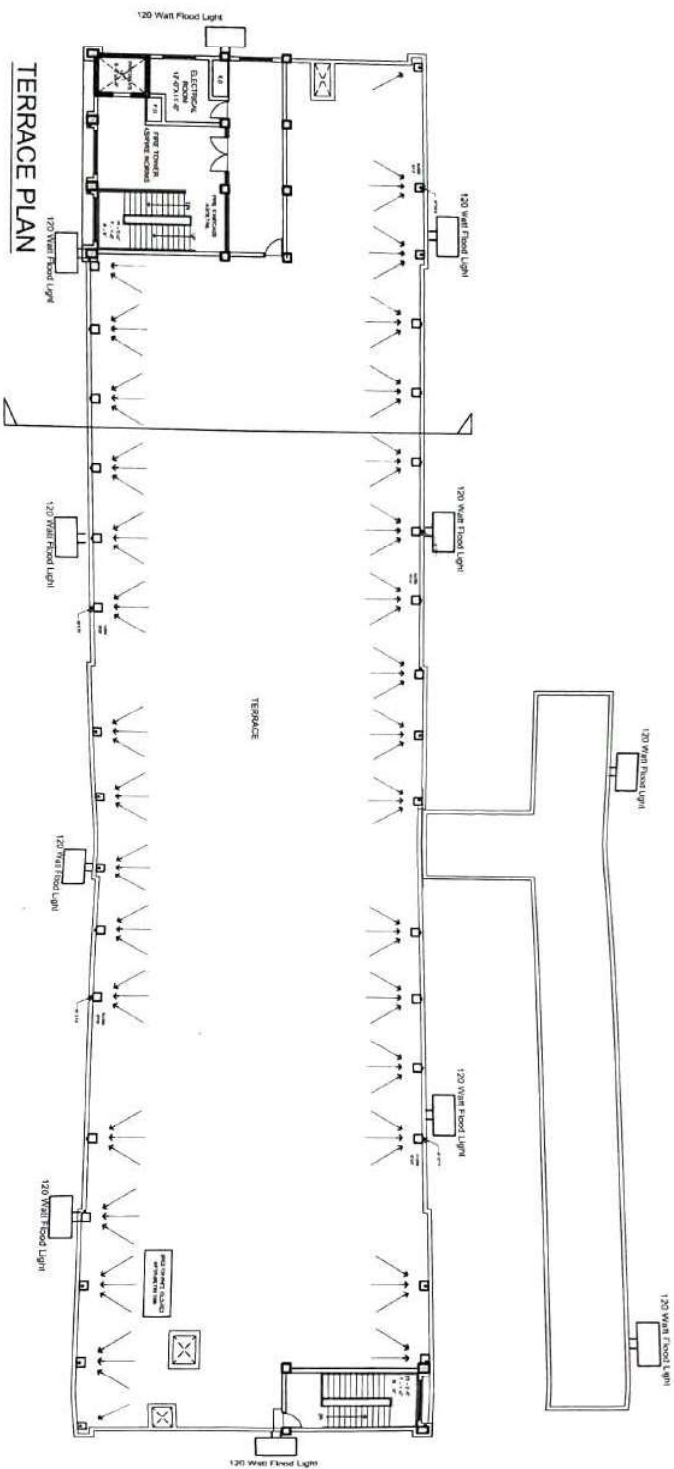


PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

XEN

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

NOTE -  
AUTOCAD DRAWING OF BUILDING  
RECEIVED FROM DEPT OF ARCHITECTURE.  
ONLY SERVICES ARE IN CORRELATED  
BY DESIGN CONSULTANT ENGAGE D BY  
THE EXECUTING DEPT.

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PROJECT -  
GOVERNMENT SENIOR SECONDARY  
SCHOOL, BAJWARA, HOSHIAPUR

ELECTRICAL SERVICES

SHEET: TERRACE FLOOR PLAN

DATE: 24-04-2026

SCALE-NIS

DRG № 41.9

4

25



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NOTE:	
ACTIVE: AD DRAWING OR BLUEPRINT, RECEIVED OR DEPOSITED FOR ARCHITECTURAL DRAWING SERVICES, IN COMPLIANCE WITH THE DESIGN CONSULTATION ENGAGEMENT BY THE EXECUTING DEPTT.	
LEGEND	
	EDITOR
	W/P
	CONTRACT MODEL
	ART DIRECTION
	MANAGEMENT
	DESIGN DIRECTION
	DESIGN DIRECTION

NOTE:  
ATTACHED DRAWING OF BUILDING  
RECEIVED FROM DEPT OF ARCHITECTURE  
ONLY SERVICES ARE INCORPORATED.  
DE DESIGN CONSULTANT ENGAGED BY  
THE EXECUTING DEPT.

PROJECT:-	GOVERNMENT SENIOR SECONDARY SCHOOL, BOWMUL, HOSUR DISTRICT		
TITLE:-	CIVIL AND MECHANICAL DRAWING FOR A.C.B.M. SYSTEM		
SHEET:-	GROUND FLOOR PLAN		
	DATE:- 24.04.2020		
	SC. AL. N. T. S.		
	BEG. N. A. (40)		

PROJECT:	GOVERNMENT SENIOR SECONDARY SCHOOL, BAUWANA, HOSNAPUR.
TITLE:	CEVTS AND MANUALLY OPERATED

PRODUCED BY AN AUTOREFLEX EDUCATIONAL PRODUCT

XEN








PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



5

**NOTE:**

ALL ACID DRAINAGE OF ALL DRUGS  
FROM THE BOTTOM DEPTH OF ALL DRUGS IS TO BE  
DROPPED INTO A SEPARATE CONTAINER AND  
BY DESIGN CONSULTANT ENCLOSED BY  
THE EXECUTIVE DEPT.

LEGEND	
	RECTIFIER
	HEP
	CONCRETE MIDDLE
	EART BONDING
	EMERGENCY LIGHT
	CAL GAS OPERATOR
	CITY CAMERA

NOTE:  
ALL IN-ROAD DRAWING OF BUILDING  
RECEIVED FROM DEPT. OF ARCHITECTURE.  
UNIVERSITY SERVICES ARE IN COORDINATION  
BY DESIGN CONSULTANT ENGAGED BY  
THE EXECUTIVE DEPT.








PROJECT:	CONVENT SENIOR SECUNDARY SCHOOL, BOWARA, HOSUR DISTRICT
TITLE:	CCTVS AND MANUALLY OPERATED

SAFTS  
FIRST FLOOR PLAN

DATE: 2-10-2023
SCALE: 1:5
DRG No: 45-45

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



LEGENDS	
	MOONRISE
	WEP
	CONTROL MODULE
	EXT. BEVERAGE
	EMERGENCY LIGHT
	CEILING SPEAKER
	CCTV CAMERA

PROJECT-	TITLE-
GOVERNMENT SENIOR SECONDARY SCHOOL, BAWARA, HOSHARPUR	

SHEET -  
SECOND FLOOR PLAN








DATE 24-04-2017
SCALE-N 15
DWG. No. LV-01

XEN



Architectural floor plan of the first floor of a school building. The plan shows a central corridor (10'-0" wide) connecting various rooms. On the left side, there are two Class Rooms (31'-0" x 23'-10"), a Reading Room (24'-0" x 23'-10"), and a large Classroom (31'-0" x 23'-10"). On the right side, there are two English Labs (24'-0" x 23'-10"), a Class Room (31'-0" x 23'-10"), and a large Classroom (31'-0" x 23'-10"). The plan also includes a Rest Room, a Bath, a Storage Room, and a large Hallway (10'-0" wide). The building is oriented with a North arrow pointing towards the top right. The plan is labeled "FIRST FLOOR" and "PLAN".

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

LEGEND	
	HOODIES
	MAP
	CONCRETE WALLS
	EXIT SIGNAGE
	EMERGENCY LIGHT
	GLASS PARTITION
	CEILING DAMPER

NOTE:  
AUTOCAD DRAWING OR BUILDING  
RECEIVED FROM DEPTT OF ARCHITECTURE  
ENGINEERING SERVICES ARE IN CORROBORATED  
BY DESIGN CONSULTANT ENGAGED BY  
THE EXECUTING DEPTT.

PROJECT:-	GOVERNMENT SENIOR SECONDARY SCHOOL, BAYANNA, HOSHAIBUR
TITLE:-	CCTV'S AND MANUALLY OPERATED

FIRE ALARM SYSTEM

### THIRD FLOOR PLAN

DNL-2404-020

DRG No-LVAD

100

[illegible]

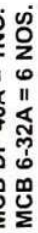
2

2



1

DRG No. 11-0



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

ELECTRICAL LEGENDS	
	LED BATTERY 30 W
	LED BATTERY 20 W
	LED PANEL 36 W (1740J)
	LED FIXTURES 7 X 7 MODULAR 36 W (R)
	LED FIXTURES 2 X 2 MODULAR 36 W (R)
	LED FIXTURES 7 X 7 MODULAR 50 W (R)
	LED FIXTURES 2 X 2 MODULAR 36 W (R) ON UPS SUPPLY
	LED FIXTURES 7 X 7 MODULAR 50 W (R) ON UPS SUPPLY
	CEILING FAN 48"
	WALL FAN
	EXHAUST FAN 12"
	BA SOCKET WITH SWITCH
	BA COMPUTER TERMINAL POINT
	6 WIA POWER POINT
	8 WIA POWER POINT ON UPS
	6 WIA POWER POINT ON D.O.
	CALL BELL
	BELL RUSH
	LED DOWNLIGHTER 30W R
	LED DOWNLIGHTER 18W R
	LED DOWNLIGHTER 15W H
	LED DOWNLIGHTER 12W R

SHEET:-  
ELECTRICAL SERVICES  
PROPOSED SECURITY POST

DATE: 24-04-2026  
SCALE: N.T.S.  
DRC No. - EL-7.



# PLAN OF SECURITY POST

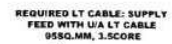
**MCB DB : DB-SECURITY**  
**SPN 8W HDB WITH MCB I/C = 1NO.**  
**MCB DP 40A = 1NO.**  
**MCB 6-32A = 6 NOS.**

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



**CONSTRUCTION OF GOVT. SR. SEC. SCHOOL AT BAJWARA,  
DISTT: HOSHIARPUR (PUNJAB)**

REQUIRED LT CABLE: SUPPLY  
FEED WITH U/A LT CABLE  
150SQ.MM, 3.5CORE



SUPPLY FEED WITH 95SQ. MM  
3.5CORE U/A LT CABLE

```

graph TD
    Root[MCB DB-1] --> B1[MCB DB-2]
    Root --> B2[MCB DB-3]
    B1 --> B1_1[TAP OFF BOXES WITH MCBs FOUR POLE SIZE AS OUTGOING = INL]
    B1 --> B1_2[TAP OFF BOXES WITH MCBs FOUR POLE SIZE AS OUTGOING = INL]
    B2 --> B2_1[TAP OFF BOXES WITH MCBs FOUR POLE SIZE AS OUTGOING = INL]
    B2 --> B2_2[TAP OFF BOXES WITH MCBs FOUR POLE SIZE AS OUTGOING = INL]
    B1_1 --> B1_1_1[MCB DB-1]
    B1_1 --> B1_1_2[MCB DB-2]
    B1_2 --> B1_2_1[MCB DB-1]
    B1_2 --> B1_2_2[MCB DB-2]
    B2_1 --> B2_1_1[MCB DB-1]
    B2_1 --> B2_1_2[MCB DB-2]
    B2_2 --> B2_2_1[MCB DB-1]
    B2_2 --> B2_2_2[MCB DB-2]
  
```

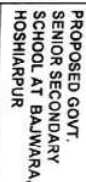
The diagram illustrates a classification tree for MCB boxes. The root node is 'MCB DB-1'. It branches into two main categories: 'MCB DB-2' and 'MCB DB-3'. Each of these categories further branches into two sub-categories, each containing text about pole size and outage status. The sub-categories then branch into more specific nodes, including 'MCB DB-1', 'MCB DB-2', and 'MCB DB-3'.

### THIRD FLOOR

## ELECTRICAL DUCT RISING MAIN 200A

XEN

 $\frac{3}{2}$



**PROPOSED GOVT.  
SENIOR SECONDARY  
SCHOOL AT BAJWARA,  
HOSHIARPUR**

45

**Professor & Head**  
Department of Civil Engineering  
Thapar Institute of Engineering & Technology  
Patiala-147004, Punjab

FOUNDATION LAYOUT PLAN

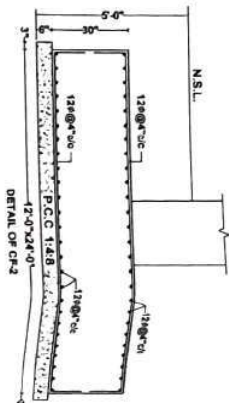
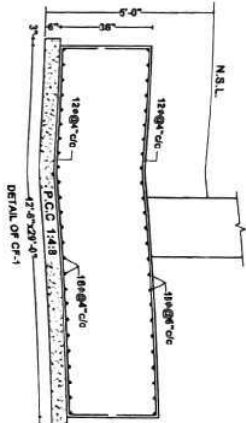
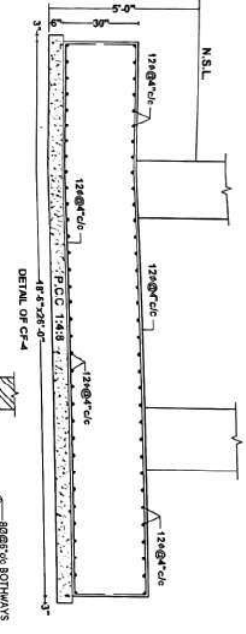
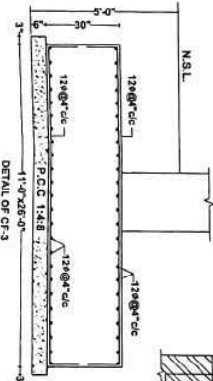
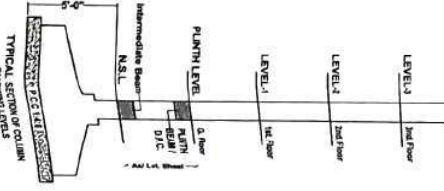
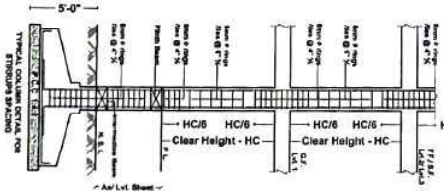
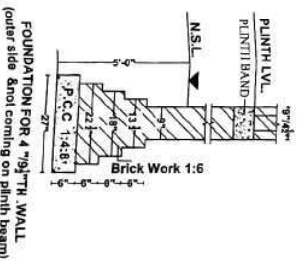
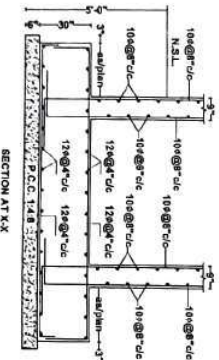
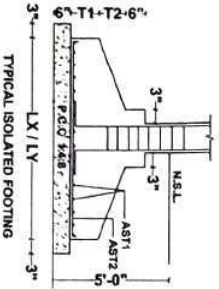
**GUPTA ASSOCIATES**  
ARCHITECTURAL CONSULTANTS  
ENGINEERS & SURVEYORS  
2, Pooja Chatterjee Street, P-20001

DATE	
MO./DAY/YR.	
JOB NO.	DRG NO.
	01

[illegible]

1

SCHEDULE OF COLUMNS				PLUMB TO TOP		
FOUNDATION TO PLUMB						
COLUMN TYPE	COLUMN SIZE	COLUMN DESIGN	COLUMN STEEL	COLUMN SIZE	COLUMN DESIGN	COLUMN STEEL
C1	18"x24"		12-20mm $\phi$	18"x24"		12-20mm $\phi$
C2	18"x24"		12-25mm $\phi$	18"x24"		4-25mm $\phi$ (1,2,3,4) 18-20mm $\phi$
C3	18"x24"	 8-25mm $\phi$ 4-20mm $\phi$ (1,2,3,4)	18"x24"			12-20mm $\phi$
C4	24"x24"	 12-25mm $\phi$	18"x18"			12-25mm $\phi$
C5	24"x24"	 16-25mm $\phi$	24"x24"			16-25mm $\phi$
C6	24"x24"	 8-20mm $\phi$ 4-25mm $\phi$ (1,2,3,4)	18"x18"			12-20mm $\phi$
C7	18"x18"	 8-20mm $\phi$	18"x18"			8-20mm $\phi$



TOE WALL/FOUNDATION FOR  
NON LOAD BEARING WALL

**PROPOSED GOVT.  
SENIOR SECONDARY  
SCHOOL AT BAJWARA,  
HOSHIARPUR**

NO. 1234567890	
----------------	--

9) DO NOT SCALE OUT THIS DRAWING

WATERBURY, CT. (AP) — A woman who was shot and killed in a parking garage in Waterbury, Conn., on Monday was identified as a 26-year-old woman from the city.

Q

**Professor & Head**  
Department of Civil Engineering  
Thapar Institute of Engineering & Technology  
Patiala-147004, Punjab

**GUPTA ASSOCIATES**  
ARCHITECTURAL CONSULTANTS  
ENGINEER & VALUER  
2, Rose Garden Market, Panna

### DETAILS OF COLUMN & FOUNDATIONS

**GUPTA ASSOCIATES**  
ARCHITECTS, STRUCTURAL CONSULTANTS  
INTERIOR DESIGNERS, ELECTRICAL &  
PLUMBING CONSULTANTS,  
5 CO-2, ROSE GARDEN MARKET, JALTA

JOB NO	DRGN
	02





48

PROPOSED GOVT.  
SENIOR SECONDARY  
SCHOOL AT BAWARA,  
HOSHARPUR

1) (DO NOT SCALE UP) THE DRAWINGS  
2) METRIC DATA, NO. 11 VISA UNIT 13.

SECTION 11  
TYPICAL DETAIL FOR EXTERIOR WALL & EXTERIOR WINDOW

**XEN**

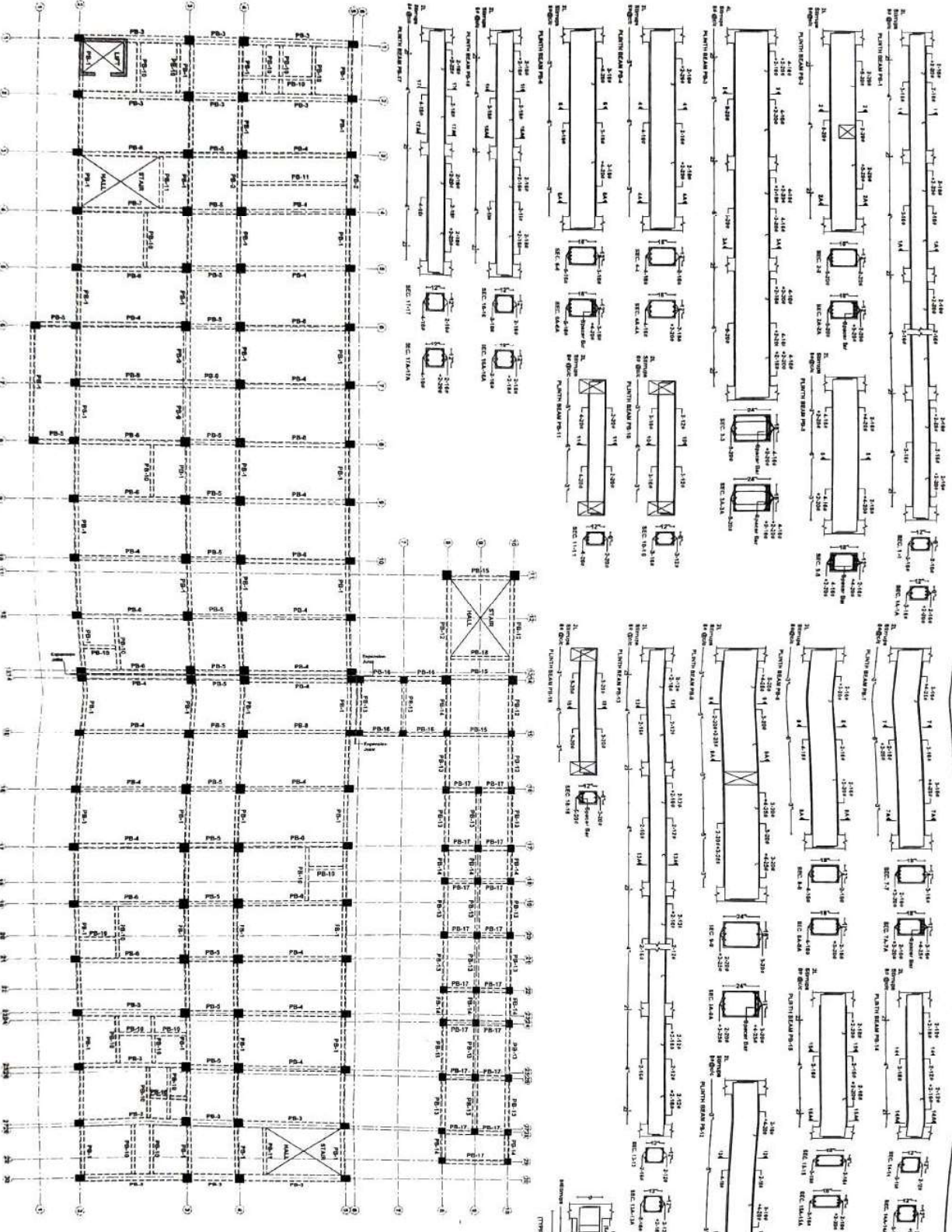
Prepared & checked  
by: *[Signature]*  
Checked by: *[Signature]*  
Date: 10/03/2020  
Project: 10/03/2020, Punjab

**GIPTA ASSOCIATES**  
ARCHITECTURAL CONSULTANTS  
PUNJAB, INDIA  
2, 3RD FLOOR, WARDHAN, PUNJAB

PLINTH BEAM PLAN & DETAILS

**GIPTA ASSOCIATES**  
ARCHITECTURAL CONSULTANTS  
PUNJAB, INDIA  
2, 3RD FLOOR, WARDHAN, PUNJAB

DATE: 10/03/2020  
JOB NO: 10/03/2020  
Dwg NO: 04









**PROPOSED GOVT.  
SENIOR SECONDARY  
SCHOOL AT BAWARA,  
HOSHIAHPUR**

1. DR. B. K. SINGH  
2. DR. B. K. SINGH  
3. DR. B. K. SINGH

4. DR. B. K. SINGH  
5. DR. B. K. SINGH  
6. DR. B. K. SINGH

7. DR. B. K. SINGH  
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44. DR. B. K. SINGH  
45. DR. B. K. SINGH

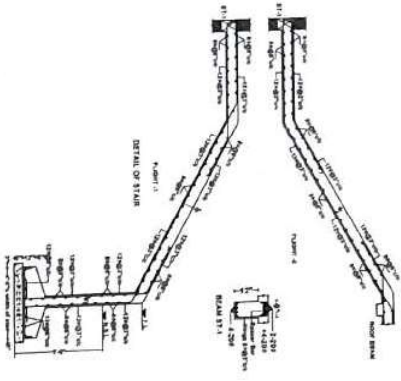
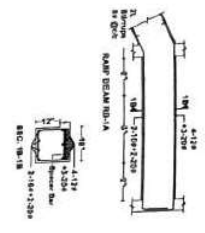
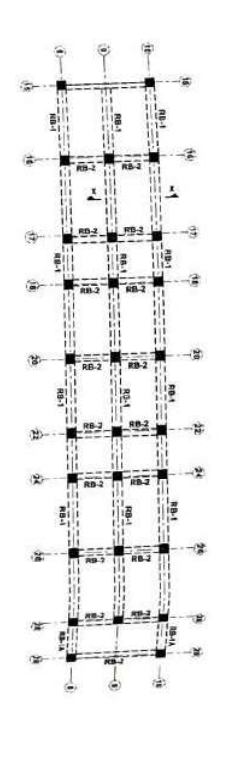
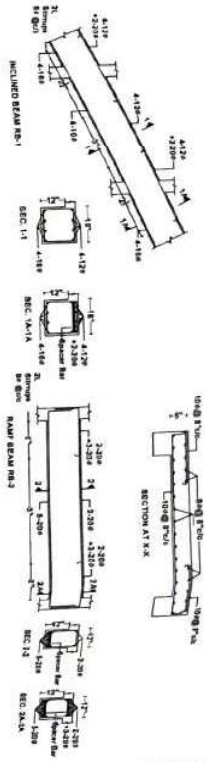
46. DR. B. K. SINGH  
47. DR. B. K. SINGH  
48. DR. B. K. SINGH

49. DR. B. K. SINGH  
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51. DR. B. K. SINGH

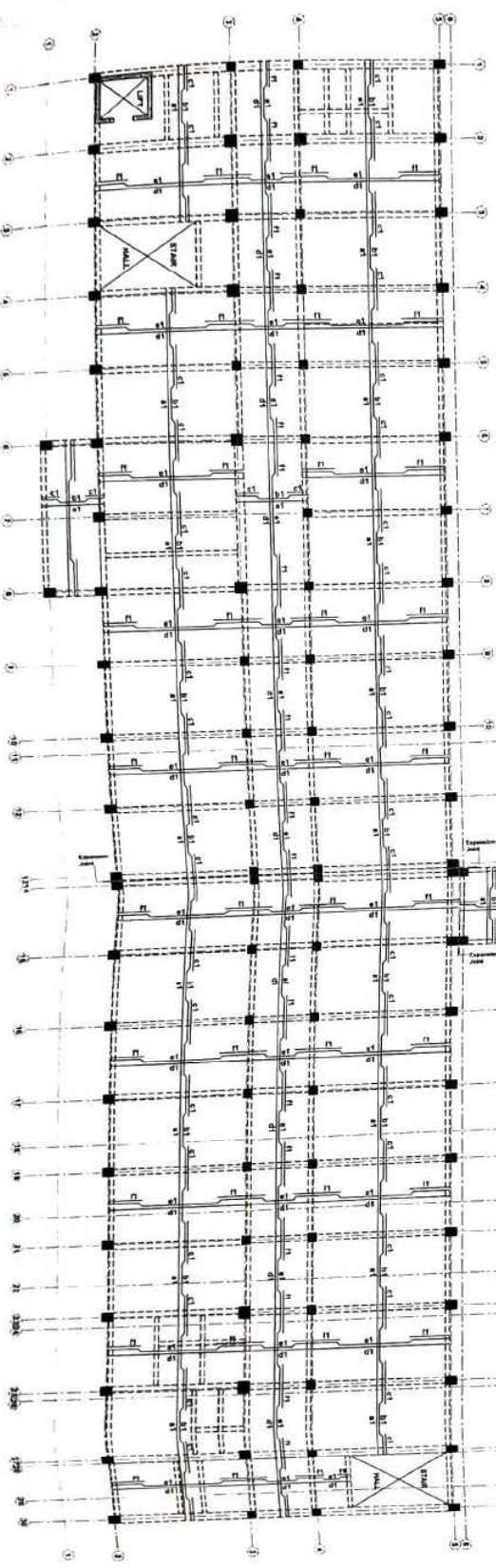
52. DR. B. K. SINGH  
53. DR. B. K. SINGH  
54. DR. B. K. SINGH

55. DR. B. K. SINGH  
56. DR. B. K. SINGH  
57. DR. B. K. SINGH

58. DR. B. K. SINGH  
59. DR. B. K. SINGH  
60. DR. B. K. SINGH



Thickness of slab 5TH.	
Schedule of Slab Reinforcement	
a1 =	10@14"/c/c
b1 =	10@14"/c/c
c1 =	10@14"/c/c
d1 =	8@16"/c/c
e1 =	8@16"/c/c
f1 =	10@15"/c/c



CHECKED BY

Professor & Head  
Department of Engineering & Technology  
Sri Jyoti's Institute of Engineering & Technology  
Sri Jyoti's Institute of Engineering & Technology  
Sri Jyoti's Institute of Engineering & Technology

DESIGNED BY

CHECKED BY

DESIGNED BY

CHECKED BY

DESIGNED BY

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DESIGNED BY



Professor & Head  
Department of Civil Engineering  
Thapar Institute of Engineering & Technology  
Patiala-147004, Punjab

*[Signature]*

**GROUP ASSOCIATES**  
ARCHITECTS, STRUCTURAL CONSULTANTS,  
INTERIOR DESIGNERS, ELECTRICAL &  
PLUMBING CONSULTANTS  
S.C. O.-2, ROSE GARDEN MARKET, TATA

DATE: 1/15	
JOB NO	PRO NO 67



PROPOSED GOVT.  
SENIOR SECONDARY  
SCHOOL AT BAWARA,  
HOSHARPUR

1) FOR SCALE & FOR THIS DRAWING  
2) REFER CHD. NO. 1 FOR NOTES

XEN

NO.	REVISION	DATE	BY
1			
2			
3			

GUPTA ASSOCIATES  
ARCHITECTS & ENGINEERS  
2, MAIN GROUND FLOOR, PHASE  
1, NEW GROUND FLOOR, PHASE

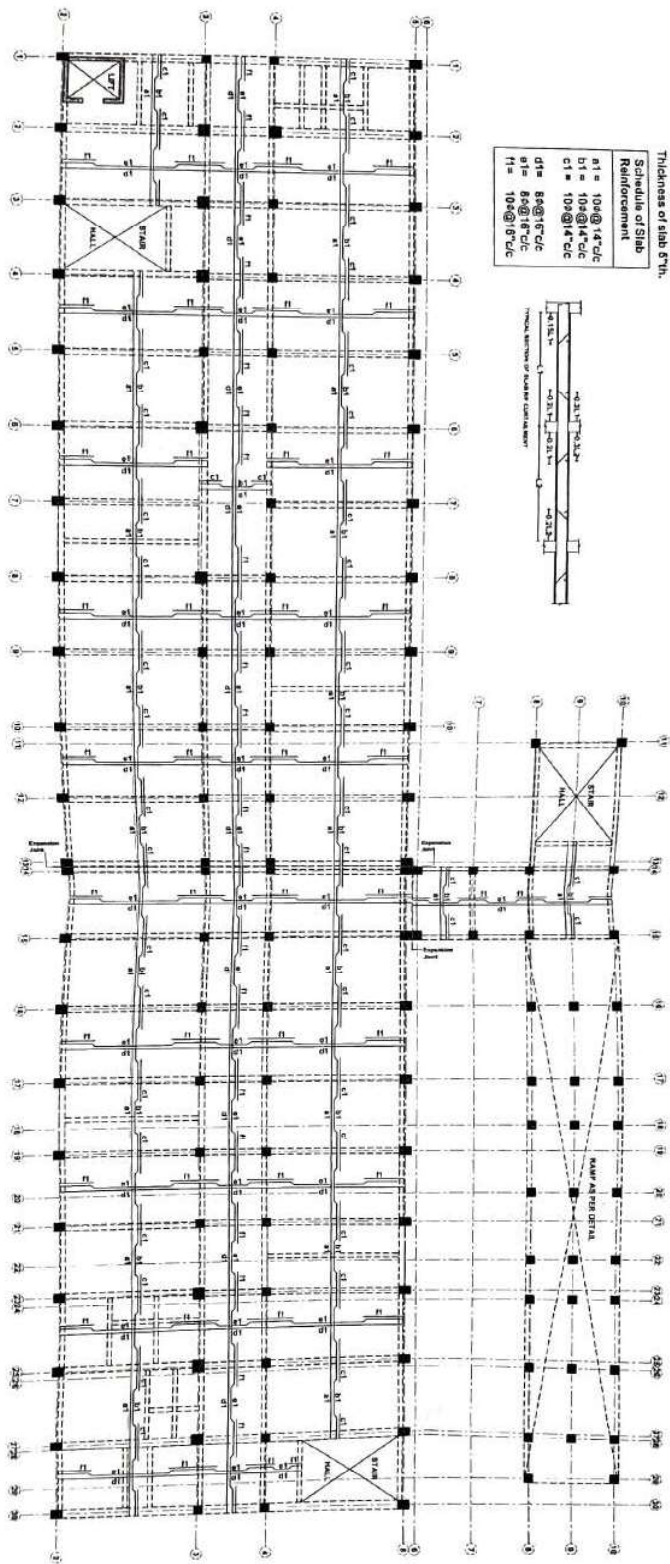
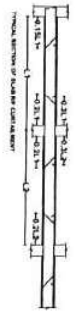
SLAB REINFORCEMENT PLAN &  
DETAILS (LVL. II)

GUPTA ASSOCIATES  
ARCHITECTS & ENGINEERS  
PUNJAB CONSULTANTS  
2, MAIN GROUND FLOOR, PHASE  
1, NEW GROUND FLOOR, PHASE

SCALE	1:100
DATE	10/11/2015
JOB NO.	10/11/2015
DWG NO.	10/11/2015

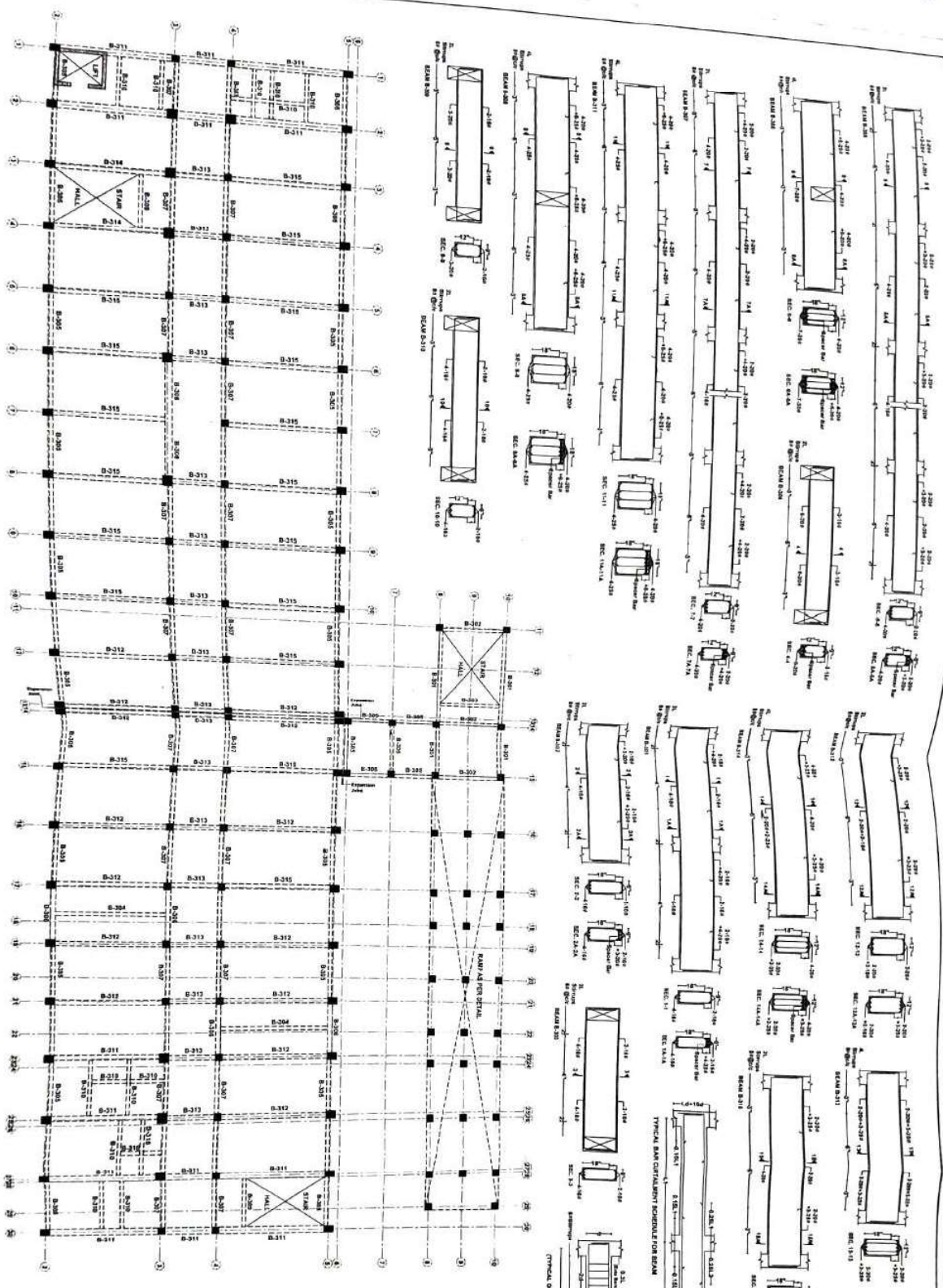
Thickness of slab 8"th.

Schedule of Slab Reinforcement	
a1 =	10@14" C/C
b1 =	10@14" C/C
c1 =	10@14" C/C
d1 =	8@16" C/C
e1 =	8@16" C/C
f1 =	10@14" C/C



Checked by  
Designed by  
Drawing by  
Project: HOSHARPUR





PROPOSED GOVT.  
SENIOR SECONDARY  
SCHOOL AT BAJWARA,  
HOSHIAHPUR

- 4) DO NOT SCALE OUT THE FOLLOWING  
REFERRAL NO. 81 FOR NOTES.

CHECKED BY: 015

**Professor & Head**  
Department of Civil Engineering  
Thapar Institute of Engineering & Technology  
Patiala-147004, Punjab

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ARCHITECTURAL CONSULTANTS

SLAB BEAM PLAN & DETAILS  
(LV.L-III)

**GUPA ASSOCIATES**  
ARCHITECTS/STRUCTURAL CONSULTANTS  
INTERIOR DESIGNERS, ELECTRICAL &  
PLUMBING CONSULTANTS  
S.O. 2, ROSE GARDEN MARKET PATIALA

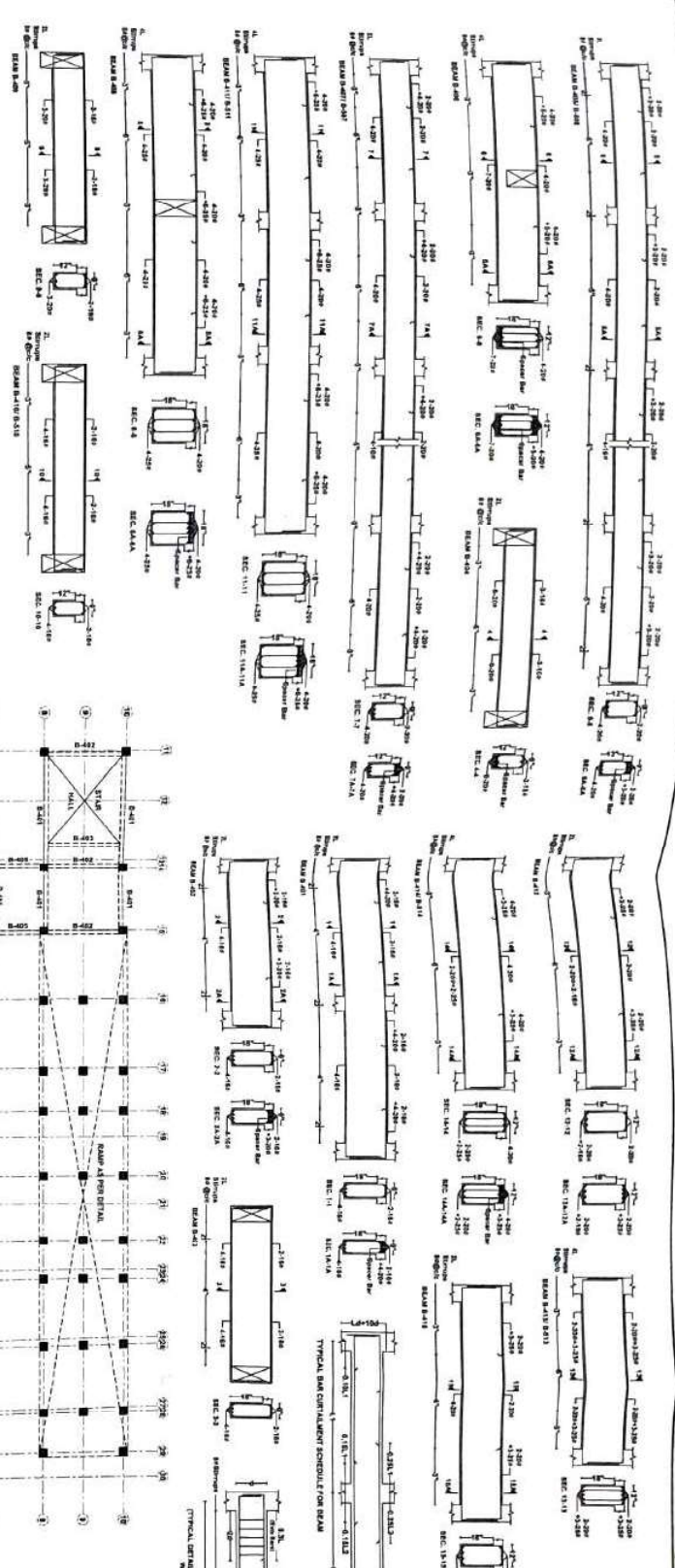
SCALE NTS	
JOB NO	DRG NO 09



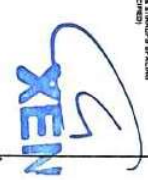


PROPOSED GOVT.  
SENIOR SECONDARY  
SCHOOL AT BAJWARA,  
HOSHARPUR

- 1) DO NOT SCALE OFF THE DRAWING  
2) REFER TO SHEET NO. 11 FOR DETAILS



CHECKED BY: [Signature]



Professor & Head  
Department of Civil Engineering  
Thapar Institute of Engineering & Technology  
Patiala-147004, Punjab

NO.	REVISION	DATE	BY
1	AS PER		

GUPTA ASSOCIATES  
ARCHITECTS & ENGINEERS  
2, Bhai Ganesha Street, Patiala

SLAB BEAM PLAN & DETAILS (LEVEL 2ND)
SCALE: 1/4" = 1'-0"
JOB NO. 11
DWG NO. 11



**PROPOSED GOVT.  
SENIOR SECONDARY  
SCHOOL AT BAJWARA,  
HOSHARPUR**

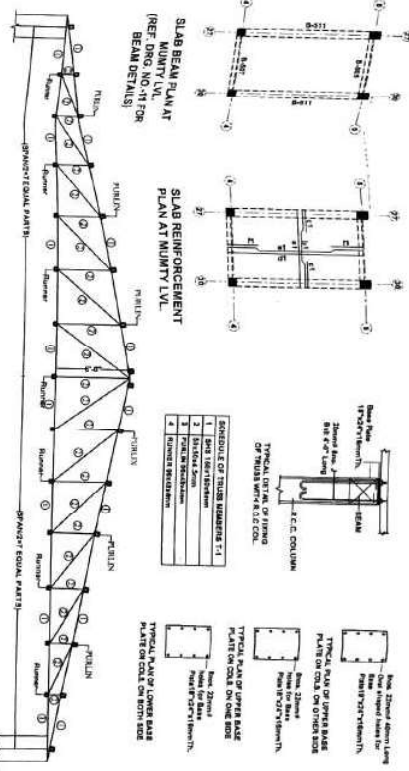
**REVISIONS**

NO.	DESCRIPTION	DATE
1	ISSUED FOR TENDERS	
2	REVISIONS AS PER NOTIFICATION	

**SCALE & TITLE**

DO NOT SCALE FOR TENDERS

REVISIONS AS PER NOTIFICATION



**SLAB BEAM PLAN AT MINORITY LVL.  
(REF. DNG. NO. 11 FOR BEAM DETAILS)**

**SLAB REINFORCEMENT PLAN AT MINORITY LVL.**

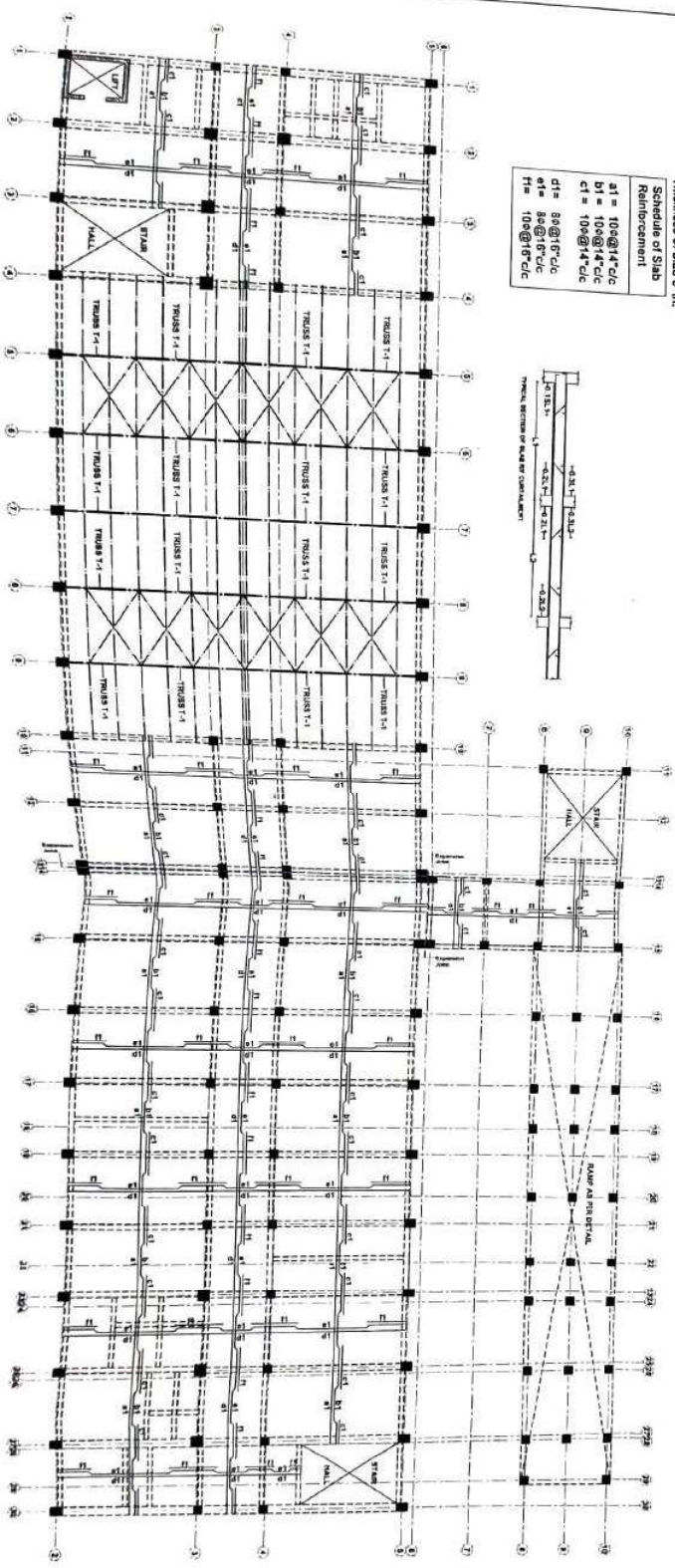
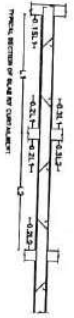
**SLAB BEAM PLAN AT  
MINORITY LVL.  
(REF. DNG. NO. 11 FOR  
BEAM DETAILS)**

**SLAB REINFORCEMENT  
PLAN AT MINORITY LVL.**

**Thickness of slab 57m.**

**Schedule of Slab Reinforcement**

NO.	DESCRIPTION	REMARKS
1	SLAB REINFORCEMENT	
2	SLAB REINFORCEMENT	
3	SLAB REINFORCEMENT	



**Checked by**

**Drawn by**

**Scale**

**GUPTA ASSOCIATES**

**ARCHITECTURAL CONSULTANTS**

**2, Park Garden Street, Thiruvananthapuram**

**SLAB REINFORCEMENT PLAN &  
DETAILS (LVL. IV)**

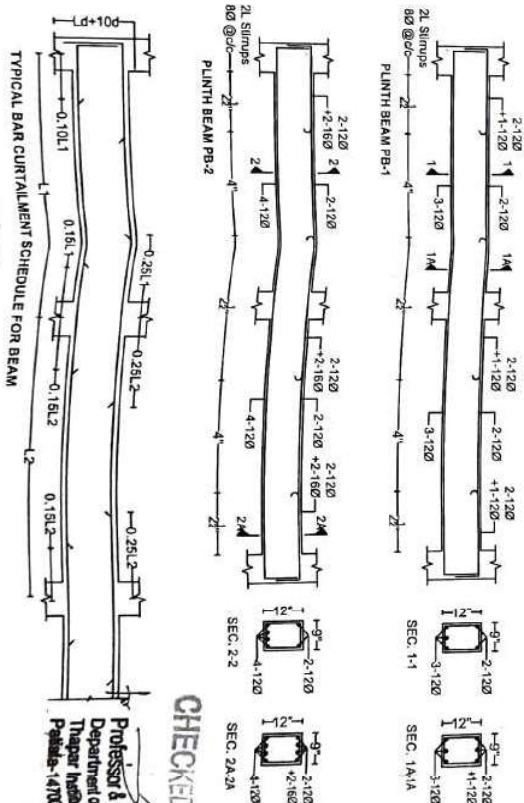
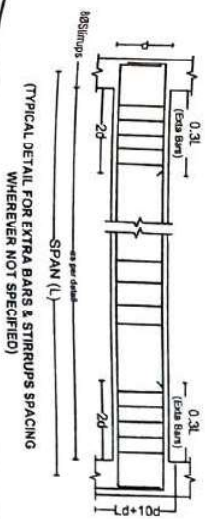
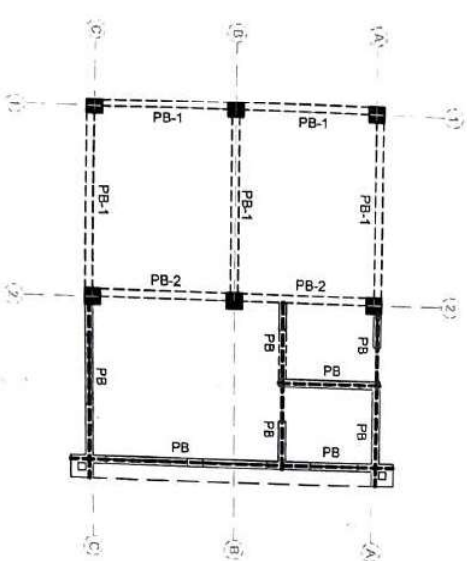
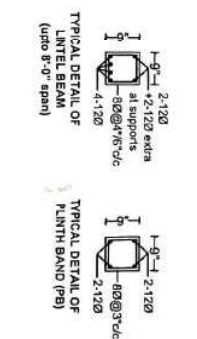
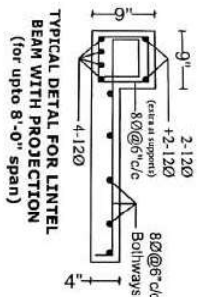
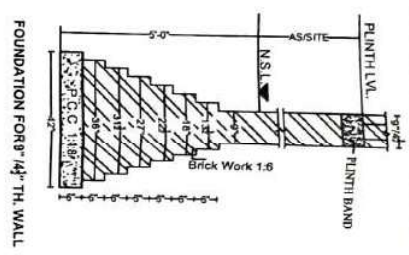
**GUPTA ASSOCIATES**

**ARCHITECTURAL CONSULTANTS**

**2, Park Garden Street, Thiruvananthapuram**

**DO NOT SCALE FOR TENDERS**

**REVISIONS AS PER NOTIFICATION**



CHECKED & VERIFIED

**Professor & Head**  
Department of Civil Engineering  
Thapar Institute of Engineering & Technology  
Patiala-147004, Punjab

[illegible]

S. NO.	REVISIONS	DRAWN BY	CHECKED BY	DATE	SCALE
<p align="center"><b>FOUNDATION LAYOUT, PLINTH BEAM PLAN &amp; DETAILS OF COLUMN, FOUNDATIONS, PLINTH BEAM</b></p> <p align="center"><b>GURPA ASSOCIATES</b>          ARCHITECTS, INTERIORS &amp; CONSULTANTS,          INTERIOR DESIGNERS, ELECTRICAL &amp;          PLUMBING CONSULTANTS.          S.C.O. 2, ROSE GARDEN MARKET PATIALA.</p>					
				DATE:	SCALE:
				1:10	1:10
				JOB NO	DWG NO
				01	



56

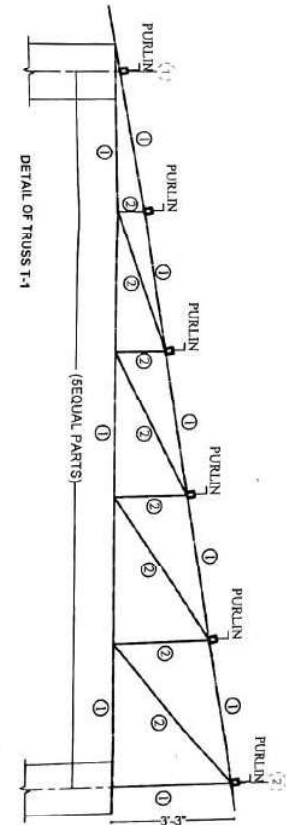
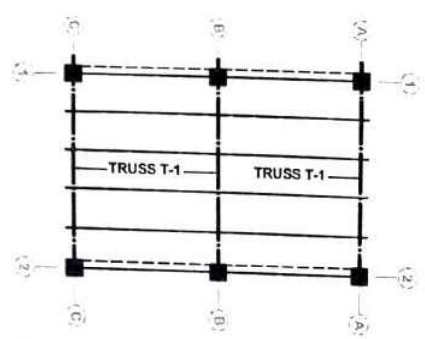
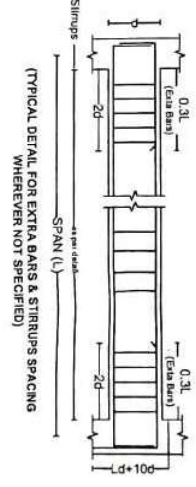
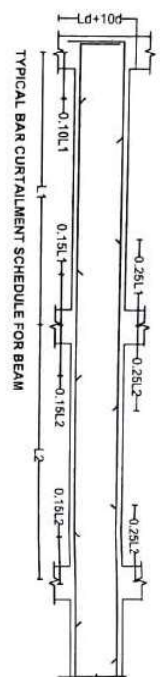
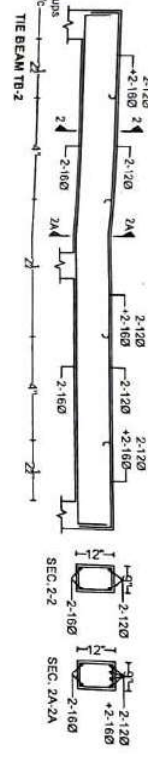
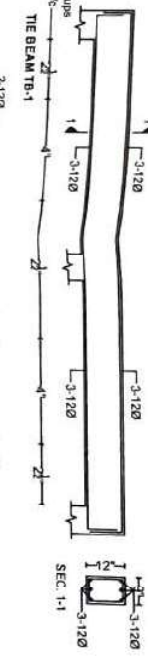
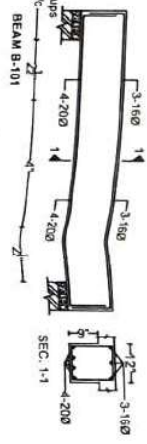
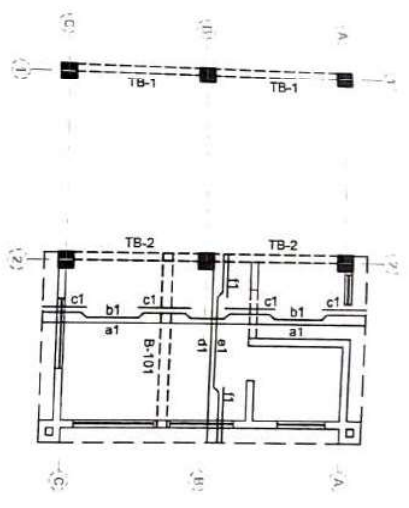
PROPOSED MID DAY  
MEAL BLOCK FOR GOVT.  
SENIOR SECONDARY  
SCHOOL AT BAJWARA,  
HOSHARPUR

NOTES  
1) DO NOT SCALE OUT THIS DRAWING  
2) REF. DIM. NO. 01 FOR NOTES

Thickness of slab 5"th.

Schedule of Slab  
Reinforcement

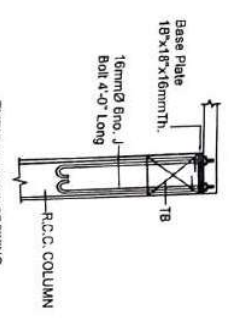
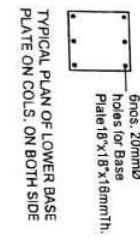
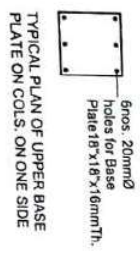
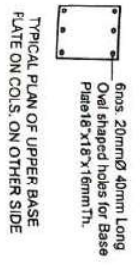
a1 = 100@14"C/C  
b1 = 100@14"C/C  
c1 = 100@14"C/C  
d1 = 80@14"C/C  
e1 = 80@14"C/C  
f1 = 100@14"C/C



Professor & Head  
Department of Civil Engineering  
Thapar Institute of Engineering & Technology  
Patiala-147004, Punjab

CHECKED & APPROVED

SCHEDULE OF TRUSS MEMBERS T-1	
1	SHS 12x12x4.8mm
2	SHS 50x50x3.8mm
3	PURLIN RHS 122x61x3.8mm



DRAWN BY	CHECKED BY	DATE	SCALE
REVISIONS			
SLAB, TIE BEAM, TRUSS PLAN & DETAILS OF SLAB, TIE BEAM, TRUSS			
ARCHITECT'S STRUCTURAL CONSULTANTS, INTERIOR DESIGNERS, ELECTRICAL & S.D.O., JALORE (GARIBADI MARKET), JALORE			
DATE	SCALE	JOB NO.	DWG NO.
	1:1		02



PROPOSED CYCLE  
STAND FOR GOVT.  
SENIOR SECONDARY  
SCHOOL AT BAJWARA,  
HOSHARPUR

S. NO.	NOTE
--------	------

- DO NOT SCALE OUT THIS DRAWING
- REF. RELEVANT ARCHITECTURAL DRG. WITH THIS DRAWING.
- USE MECHANICAL MIXER & VIBRATOR WHILE CONCRETING
- IRON STEEL USED IS OF FE-430D GRADE CONFORMING TO IS 1786 AND MARKED AS @ SPECIFIED OF IS 498:2000.
- CONCRETE USED IS OF GRADE M-25 GRADE UNLESS SPECIFIED OF IS 498:2000.
- BUILDING HAS BEEN DESIGNED AS PER THE SOIL INVESTIGATION REPORT PROVIDED BY THE HOSHARPUR AND GEO TECH CONSULTANT WHICH IS 1.3 DB/CM.
- THE FOUNDATION MUST BE PLACED ON THE FIRM GROUND, IF THERE IS ANY LOOSE ROCKS, BACK REFERENCE MUST BE MADE.
- STRUCTURE IS DESIGNED AS PER ARCH. CORR. COVER TO REINFORCEMENT ARE AS UNDER:-
  - FOUNDATION 50mm
  - COLUMNS 40mm
  - BEAMS 25mm
  - SLAB 25mm
- WHERE EVER LAP IS REQUIRED TO BE MADE, THE LAP LENGTH SHALL BE AS TIMES 5X OF FIRM OR STEEL BAR.
- REFER RELEVANT ARCHITECTURAL DRAWING FOR SOIL PROJECTIONS IN ELEVATIONS.

S. NO.	REVISIONS	DATE	SIGN.
1			

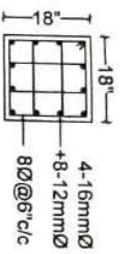
DRAWN BY	CHECKED BY
----------	------------

*[Signature]*  
GUPTA ASSOCIATES  
ARCHITECTURAL CONSULTANTS  
2, Bina Garden, Delhi, India.

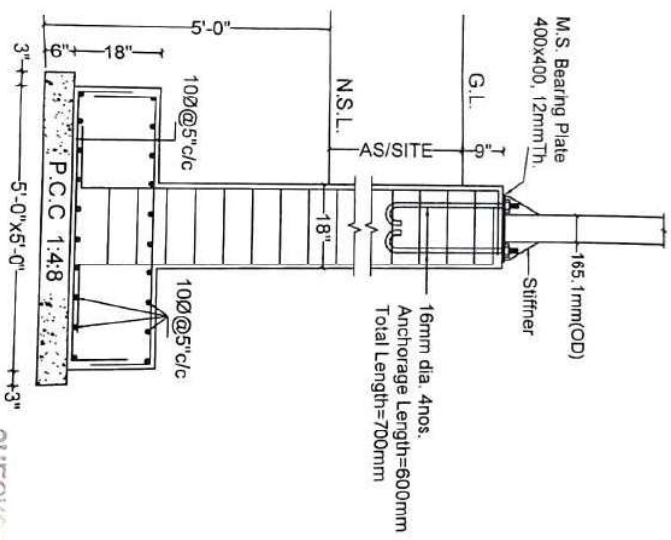
FOUNDATION LAYOUT PLAN  
& DETAILS OF PEDESTAL.

for  
Professor & Head  
Department of Civil Engineering  
Thapar Institute of Engineering & Technology  
Patiala-147004, Punjab

DATE:	SCALE: NTS	JOB NO	DRG NO
		01	01



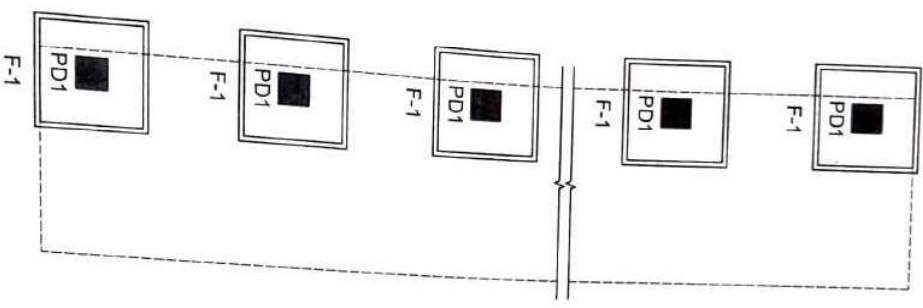
DETAIL OF PD1



DETAIL OF FOUNDATION F-1

CHECKED & VERIFIED

FOUNDATION PLAN OF  
STAND CYCLES



**PROPOSED CYCLE  
STAND FOR GOVT.  
SENIOR SECONDARY  
SCHOOL AT BAJWARA,  
HOSHARPUR**

- NOTES**
- 1) DO NOT SCALE OUT THIS DRAWING.
  - 2) REFER. DRG NO. 91 FOR NOTES.

**XEN**

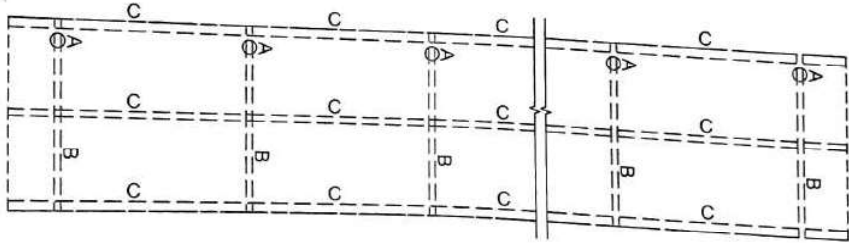
S. NO.	REVISIONS	DATE	SIGN.

**GUPTA ASSOCIATES**  
ARCHITECTURAL CONSULTANTS  
INTERIOR DESIGNERS, ELECTRICAL &  
PLUMBING CONSULTANTS  
S.C.O.-2, ROSE GARDEN MARKET, PATIALA  
147004, Punjab

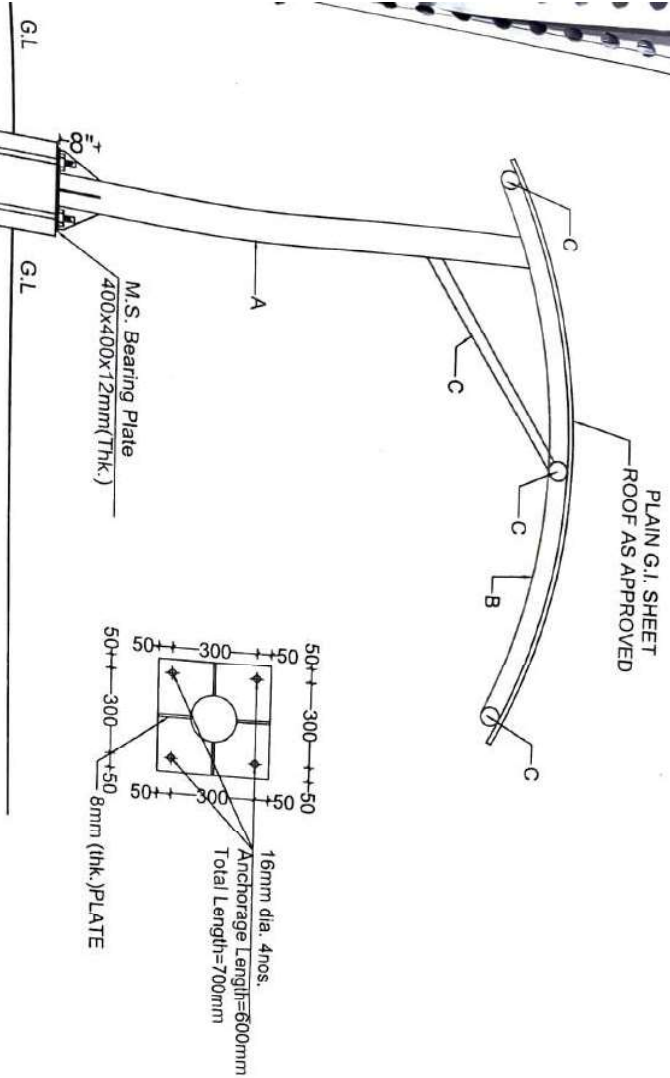
**TRUSS DETAILS**

**GUPTA ASSOCIATES**  
ARCHITECTS, STRUCTURAL CONSULTANTS,  
INTERIOR DESIGNERS, ELECTRICAL &  
PLUMBING CONSULTANTS  
S.C.O.-2, ROSE GARDEN MARKET, PATIALA  
147004, Punjab

DATE:	SCALE:	DRG NO.
		02



**STEEL MEMBER PLAN OF  
STAND FOR CYCLES**



**MATERIAL TABLE**

S.NO.	DESIGNATION	SIZE	UNIT WT.	WELD SIZE
1.	MEMBER-'A'	CHS 165.1mm OD(M)x4.80mm(THK.)	18.90KG/M	6MM
2.	MEMBER-'B'	CHS 88.9mm OD(M)x4.80mm(THK.)	9.96KG/M	6MM
3.	MEMBER-'C'	CHS 60.3mm OD(M)x4.50mm(THK.)	6.19KG/M	6MM

**PROPOSED SECURITY POST FOR GOVT. SENIOR SECONDARY SCHOOL AT BAJWARA, HOSHARPUR**

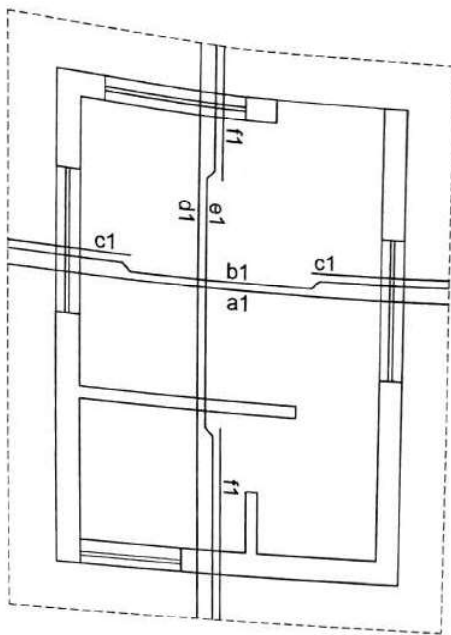
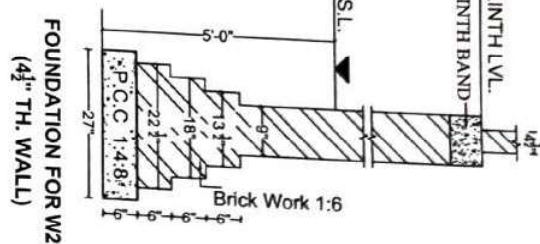
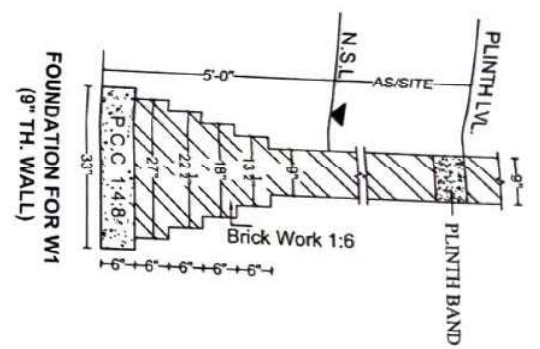
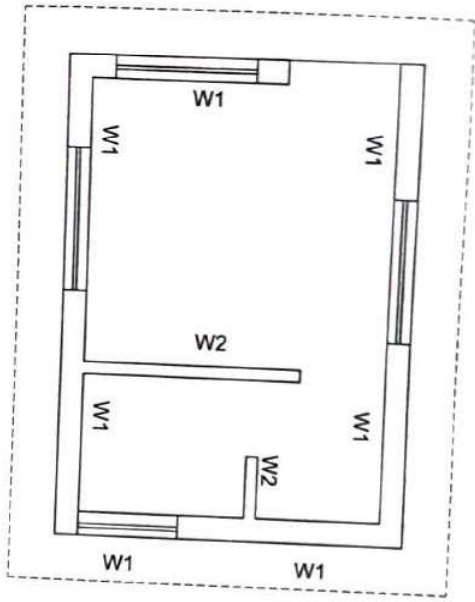
Sl. No.	Description	Quantity	Unit
1	100 mm thick concrete slab	1.00	m <sup>2</sup>
2	100 mm thick concrete wall	1.00	m <sup>2</sup>
3	100 mm thick concrete floor	1.00	m <sup>2</sup>
4	100 mm thick concrete ceiling	1.00	m <sup>2</sup>
5	100 mm thick concrete foundation	1.00	m <sup>2</sup>
6	100 mm thick concrete base	1.00	m <sup>2</sup>
7	100 mm thick concrete roof	1.00	m <sup>2</sup>
8	100 mm thick concrete door	1.00	m <sup>2</sup>
9	100 mm thick concrete window	1.00	m <sup>2</sup>
10	100 mm thick concrete staircase	1.00	m <sup>2</sup>
11	100 mm thick concrete ramp	1.00	m <sup>2</sup>
12	100 mm thick concrete platform	1.00	m <sup>2</sup>
13	100 mm thick concrete terrace	1.00	m <sup>2</sup>
14	100 mm thick concrete balcony	1.00	m <sup>2</sup>
15	100 mm thick concrete porch	1.00	m <sup>2</sup>



**GUPTA ASSOCIATES**  
ARCHITECTURAL CONSULTANTS  
1, BANGALORE ROAD, PUNE

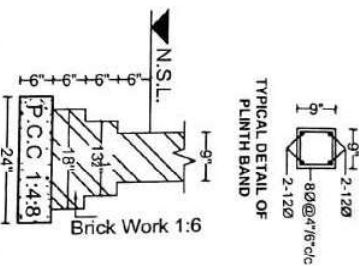
**STRUCTURAL DETAILS**

Sl. No.	Description	Quantity	Unit
1	100 mm thick concrete slab	1.00	m <sup>2</sup>
2	100 mm thick concrete wall	1.00	m <sup>2</sup>
3	100 mm thick concrete floor	1.00	m <sup>2</sup>
4	100 mm thick concrete ceiling	1.00	m <sup>2</sup>
5	100 mm thick concrete foundation	1.00	m <sup>2</sup>
6	100 mm thick concrete base	1.00	m <sup>2</sup>
7	100 mm thick concrete roof	1.00	m <sup>2</sup>
8	100 mm thick concrete door	1.00	m <sup>2</sup>
9	100 mm thick concrete window	1.00	m <sup>2</sup>
10	100 mm thick concrete staircase	1.00	m <sup>2</sup>
11	100 mm thick concrete ramp	1.00	m <sup>2</sup>
12	100 mm thick concrete platform	1.00	m <sup>2</sup>
13	100 mm thick concrete terrace	1.00	m <sup>2</sup>
14	100 mm thick concrete balcony	1.00	m <sup>2</sup>
15	100 mm thick concrete porch	1.00	m <sup>2</sup>



Thickness of slab 5"th.

Schedule of Slab Reinforcement
a1 = 100@16"c/c
b1 = 100@16"c/c
c1 = 100@16"c/c
d1 = 80@16"c/c
e1 = 80@16"c/c
f1 = 100@16"c/c



**TOE WALL/FOUNDATION FOR NON LOAD BEARING WALL**

**Professor & Head**  
Department of Civil Engineering  
Thapar Institute of Engineering & Technology  
Patiala-147004, Punjab

**CHECKED & VERIFIED**