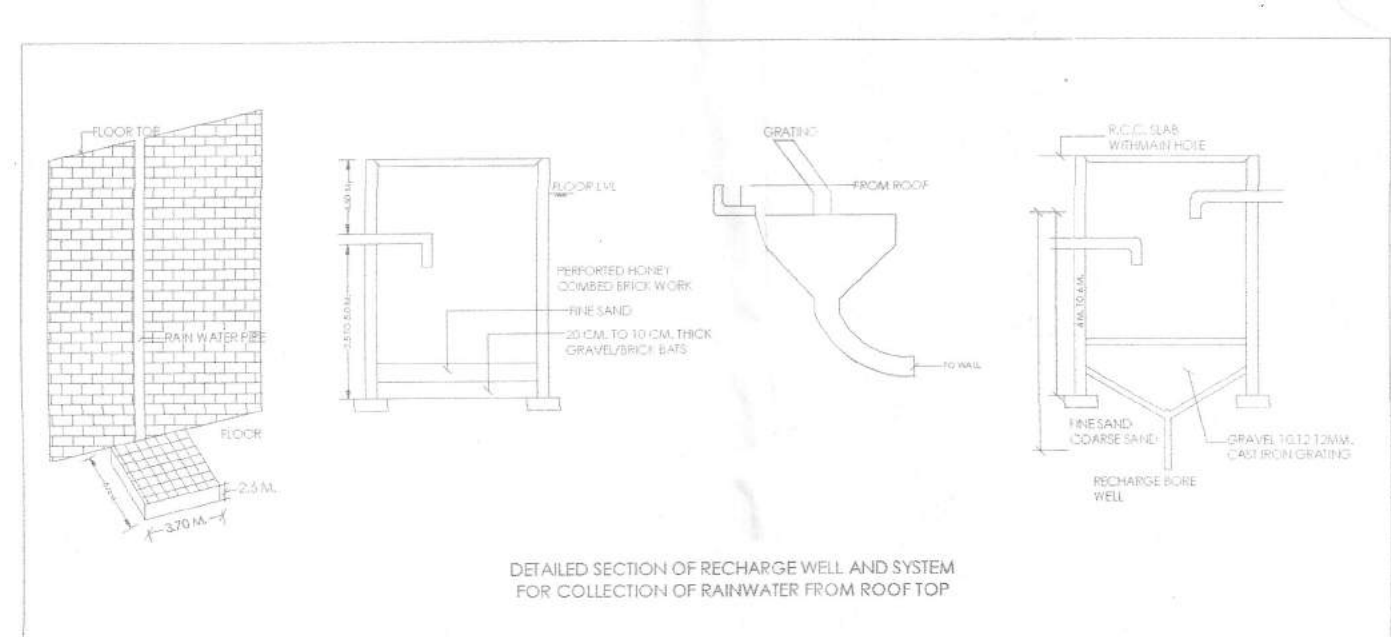
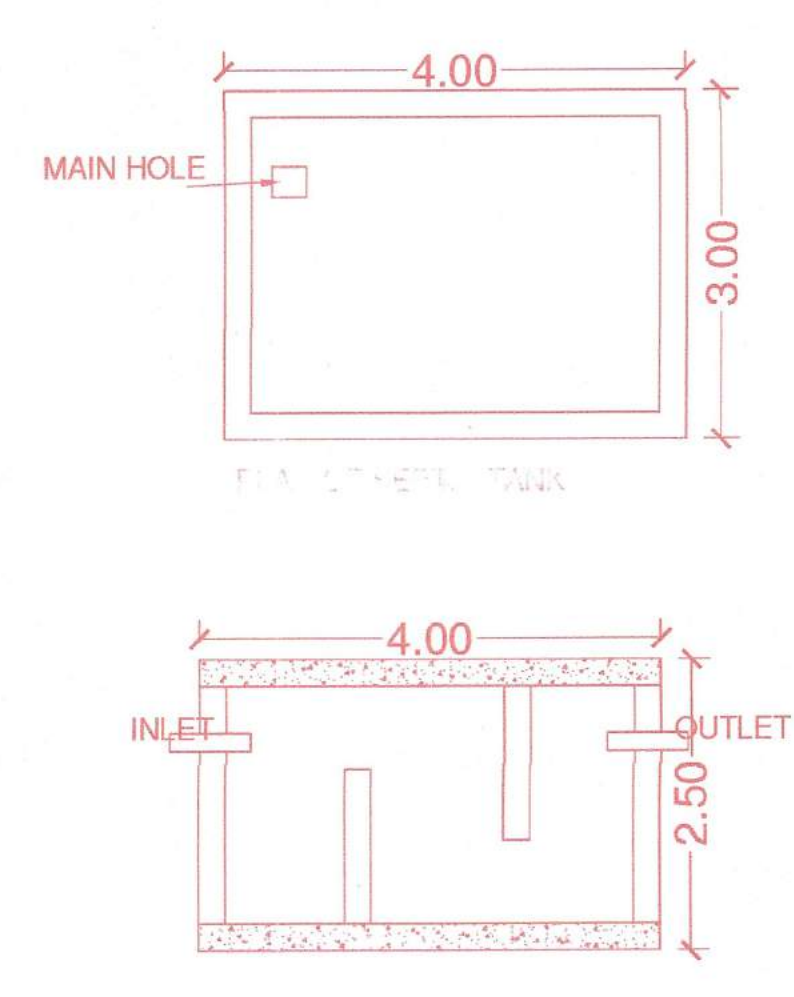
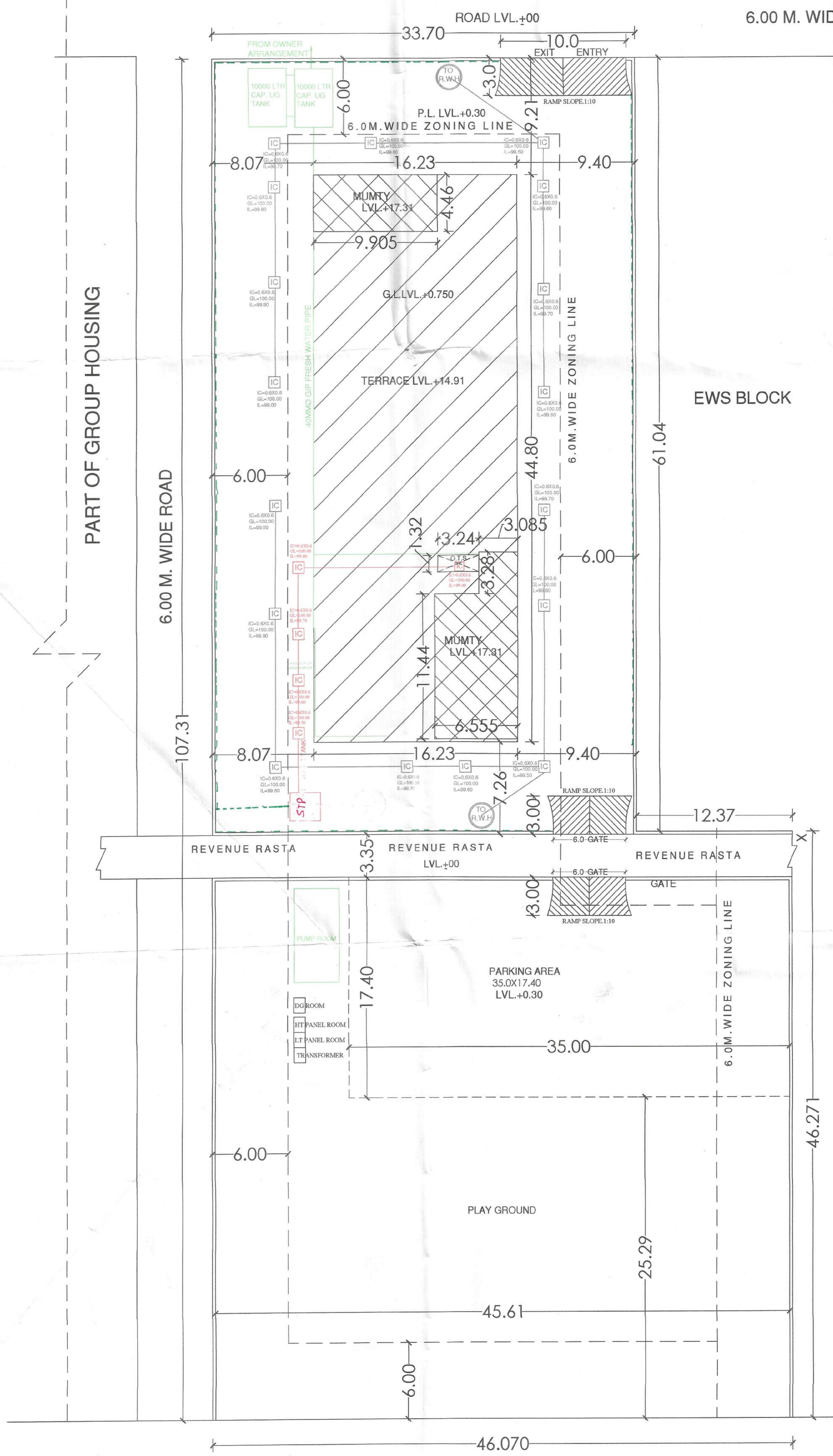


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WATER CALCULATION

REQUIRED NUMBERS OF STUDENTS 360		
NUMBERS OF BOYS	=	216
NUMBERS OF GIRLS	=	144
SANITARY REQUIREMENT AS PER N B C		
PROVIDED SANITARY FIXTURES		
W.C.		
1 PER 40 STUDENTS FOR BOYS	= 08 NOS	= 08 NOS
1 PER 25 STUDENTS FOR GIRLS	= 06 NOS	= 20 NOS
URINALS		
1 PER 20 STUDENTS FOR BOYS	= 11 NOS	= 24 NOS
WASH BASIN		
1 PER 60 STUDENTS FOR BOYS	= 04 NOS	= 16 NOS
1 PER 40 STUDENTS FOR GIRLS	= 04 NOS	= 16 NOS
DRINKING WATER TAPS		
1 PER 50 STUDENTS FOR BOYS	= 05 NOS	= 06 NOS
1 PER 50 STUDENTS FOR GIRLS	= 03 NOS	= 06 NOS

FIRE FIGHTING SCHEME - IS - MARKED

1. WATER Co2 FIRE EXTINGUISHER	⊗
2. Co2 FIRE EXTINGUISHER	⊗
3. DRY - CHEMICAL FIRE EXTINGUISHER	△
4. FOAM TYPE FIRE EXTINGUISHER	□
5. FIRE HOSE REAL	⊠
6. FIRE HYDRANT WITH THE HOUSE & BRANCH	○
7. OVER HEAD WATER TANK 5000 GLN CAP	□
8. UNDER GROUND WATER TANK 10000 GLN CAP	□
9. FIRE HOUSE BOX WITH 2 NOS HOUSE & BRANCH PIPE	⊠

1. THAT THIS SANCTION OF MAP PLAN IS SUBJECT TO THE BUILDER, OWNER OR PERSON SEEKING SANCTION SHALL STRICTLY COMPLY WITH THE DIRECTION AS CONTAINED IN ORDER 10.04.2015 PASSED BY HON'BLE NATIONAL GREEN TRIBUNAL IN OA NO. 21 OF 2014- VARDHMAN KAUSIK V/S UOI AND OTHERS AS WELL AS CONTAINED ON OFFICE ORDER ISSUED DGTCP E VIDE ENDS. NO. MISC. NO. 392-2015-7853 DATED 14.05.2015.
2. THAT THE APPLICANT SHALL USE LIGHT EMITTING DIODE LAMP (LED) FITTING FOR THE INTERNAL LIGHTING AS WELL AS CAMPUS LIGHTING.
3. THAT THE OWNER SHALL ENSURE THE INSTALLATION OF SOLAR PHOTOVOLTAIC POWER PLANT AS PER PROVISION OF NOTIFICATION NO. 22-52-2005-5 POWER DATED 03.09.2014 OF HARYANA GOVERNMENT RENEWABLE ENERGY DEPARTMENT, IF REQUIRED.
4. THE STRUCTURE DESIGN, STABILITY OF STRUCTURE AGAINST EARTHQUAKE SHALL BE RESPONSIBILITY OF THE ARCHITECT / ENGINEER / OWNER.
5. GATE & BOUNDARY WALL AS PER STANDARD DESIGN.

AREA DETAIL

TOTAL PLOT AREA (AS PER DOCUMENTS) = 4046.85 SQ.M.
PERMISSIBLE F.A.R. 150% = 6070.275 SQ.M.
PERMISSIBLE GROUND COVERAGE 35% = 1416.397 SQ.M.

PROPOSED COVD AREA

GROUND FLOOR - A = 16.23X44.80 = 727.104 SQM.
DEDUCTION
B = 3.24X1.32 = 4.276 SQM.
TOTAL GROUND FLOOR COVD AREA
= 727.104 - 4.276 = 722.828 SQM.

FIRST FLOOR - A = 16.23X44.80 = 727.104 SQM.

DEDUCTION
B = 3.24X1.32 = 4.276 SQM.

TOTAL FIRST FLOOR COVD AREA
= 727.104 - 4.276 = 722.828 SQM.

722.828 - [STAIR(C+E) + LIFT(D)]
= 722.828 - (6.20X4.23+5.45X5.67+1.98X3.05)
= 722.828 - (26.226+30.901+6.039)
= 722.828 - 63.166 = 659.662 SQM.

SECOND FLOOR - A = 16.23X44.80 = 727.104 SQM.

DEDUCTION
B = 3.24X1.32 = 4.276 SQM.

TOTAL SECOND FLOOR COVD AREA
= 727.104 - 4.276 = 722.828 SQM.

722.828 - [STAIR(C+E) + LIFT(D)]
= 722.828 - (6.20X4.23+5.45X5.67+1.98X3.05)
= 722.828 - (26.226+30.901+6.039)
= 722.828 - 63.166 = 659.662 SQM.

THIRD FLOOR - A = 16.23X44.80 = 727.104 SQM.

DEDUCTION
B = 3.24X1.32 = 4.276 SQM.

TOTAL THIRD FLOOR COVD AREA
= 727.104 - 4.276 = 722.828 SQM.

722.828 - [STAIR(C+E) + LIFT(D)]
= 722.828 - (6.20X4.23+5.45X5.67+1.98X3.05)
= 722.828 - (26.226+30.901+6.039)
= 722.828 - 63.166 = 659.662 SQM.

TERRACE FLOOR (MUMTY & MACHINE ROOM) -

F = 9.905X4.69 = 46.454 SQM.

G = 3.085X3.28 = 10.118 SQM.

H = 6.555X11.44 = 74.989 SQM.

TOTAL = 131.561 SQM.

TOTAL ACHIEVED GROUND COVERAGE

= 722.828 = SQM. OR 17.86%

TOTAL FAR AREA

G.F. + 1ST.F. + 2ND.F. + 3RD.F.

= 722.828+659.662+659.662+659.662 = 2701.814 SQM. OR 67.76%

TOTAL COVD AREA

= G.F. + 1ST.F. + 2ND.F. + 3RD.F. + MUMTY & MACHINE ROOM

= 722.828+722.828+722.828+722.828+131.561 = 3022.873 SQM.

PERMISSIBLE PARKING AREA = 4046.85X15% = 607.027 SQM.

PROVIDED PARKING AREA = 35.00X17.40 = 609.00 SQM

PROPOSED BUILDING PLAN OF SITE NO 01 SCHOOL
(1 ACRE EACH) SEC-24, DWARKADHISH, DHARUHERA,
REWARI AN AREA MEASURING 4046.85 SQM. (1.00 ACRES AS
PER DOCUMENTS) BELONGS TO SURAJ SHIKSHA SAMITI

DRAWN BY:- jitendra yadav

CHECKED BY:-

DATE :- 25/07/2023

Scale - 1:100

OWNER SIGN

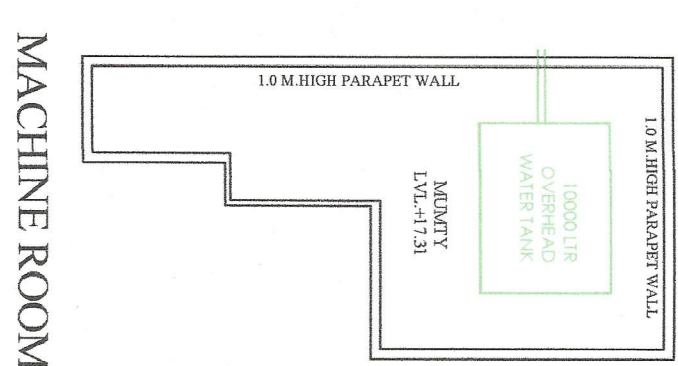
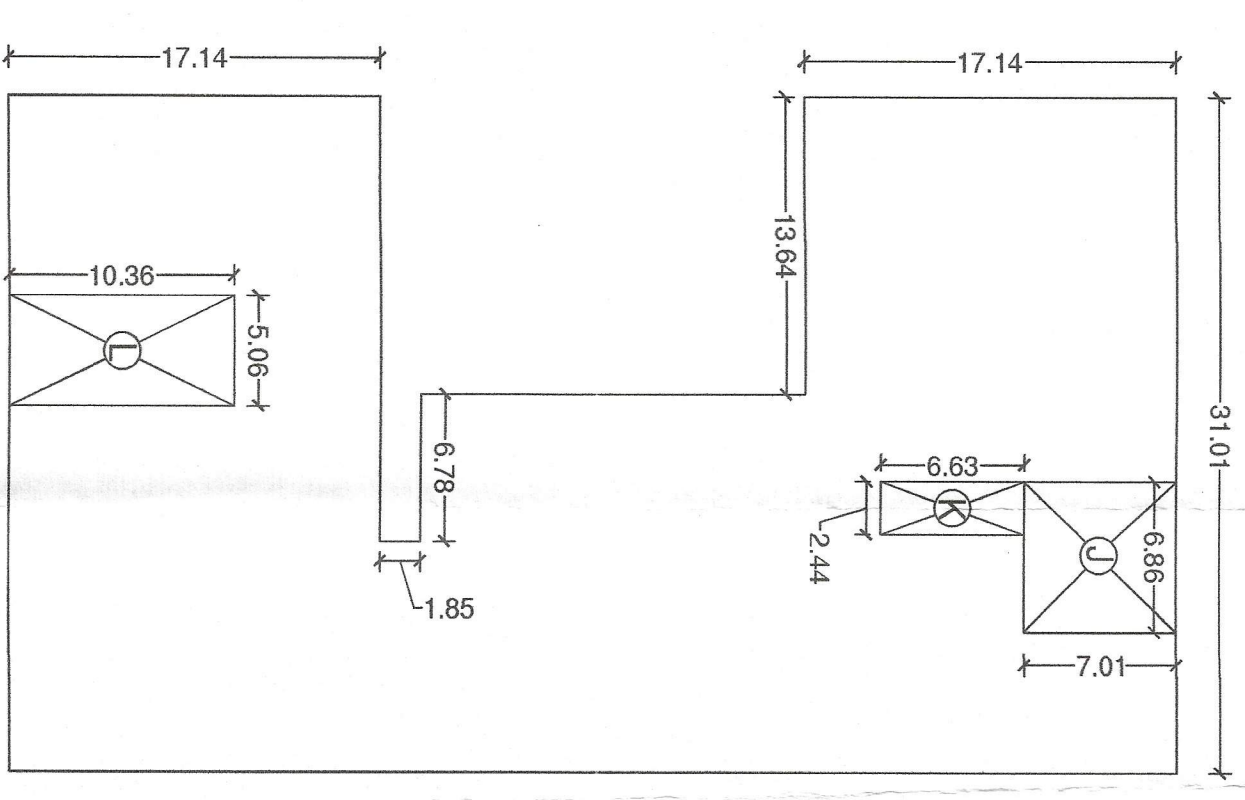
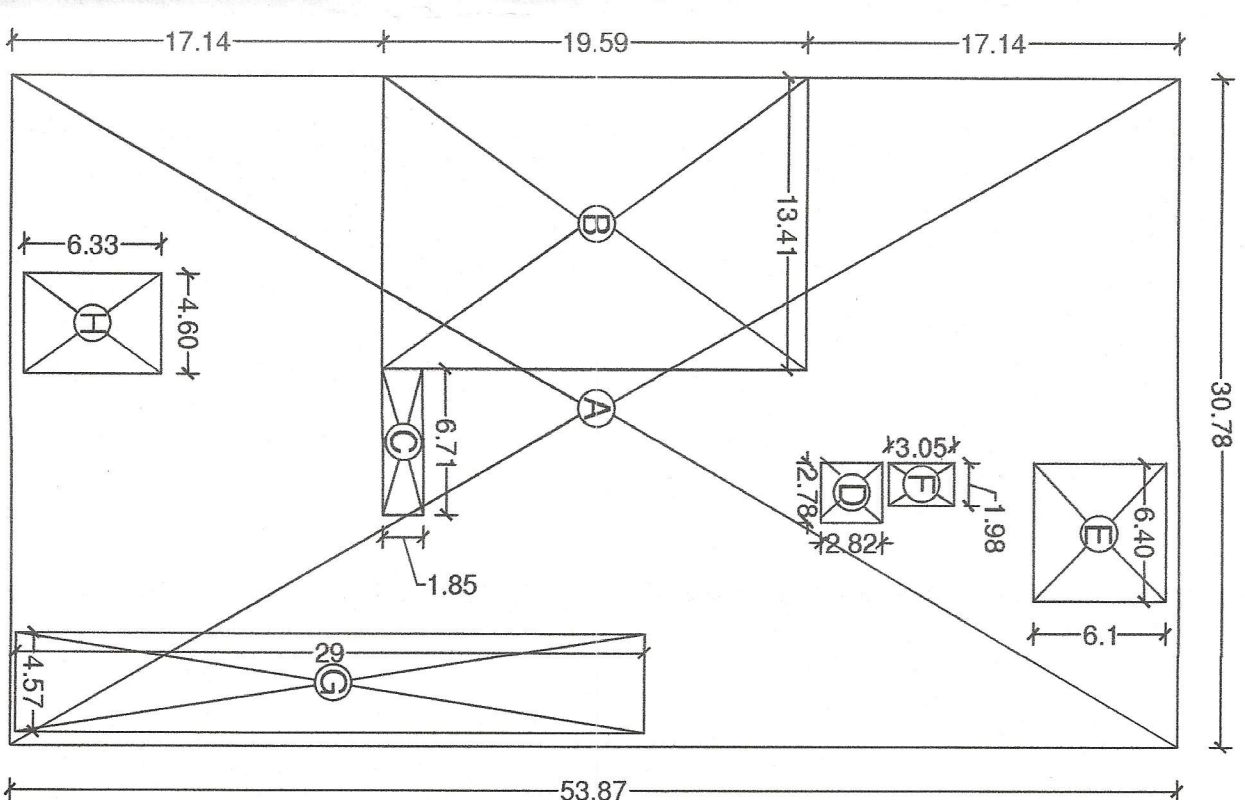
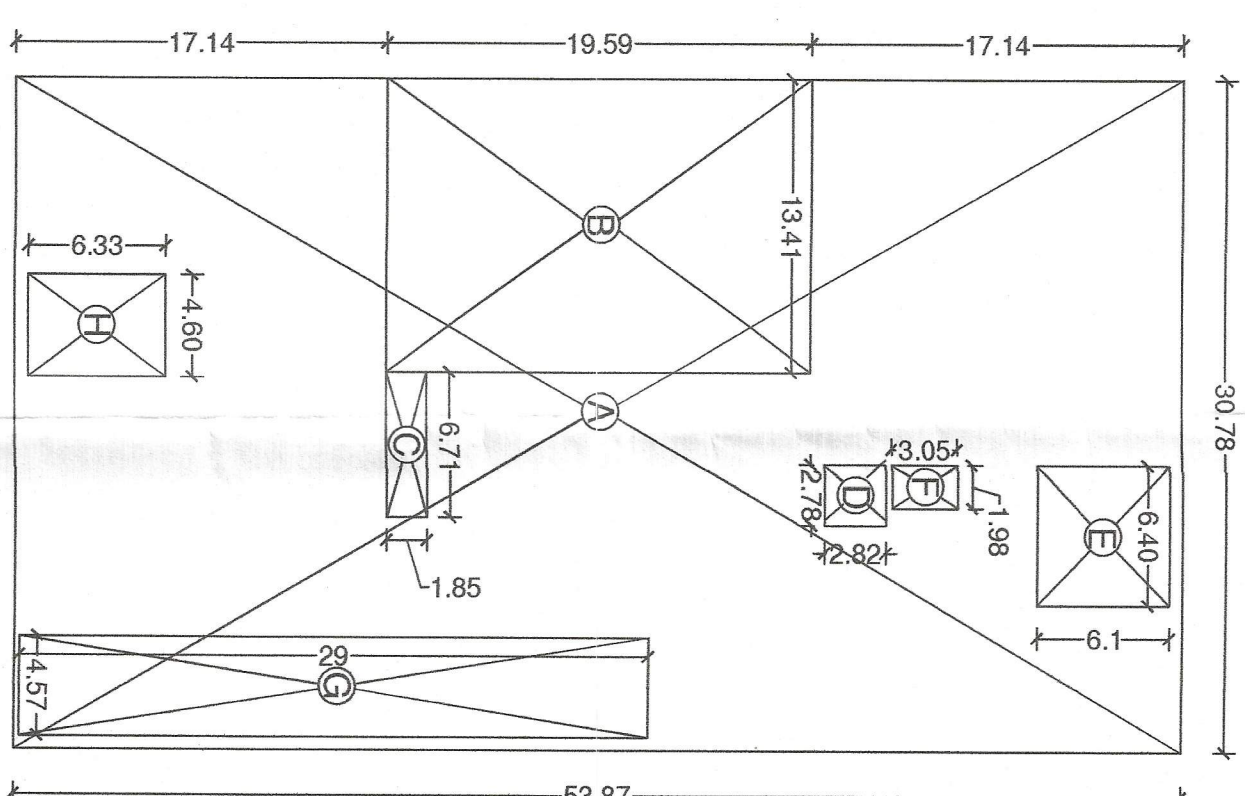
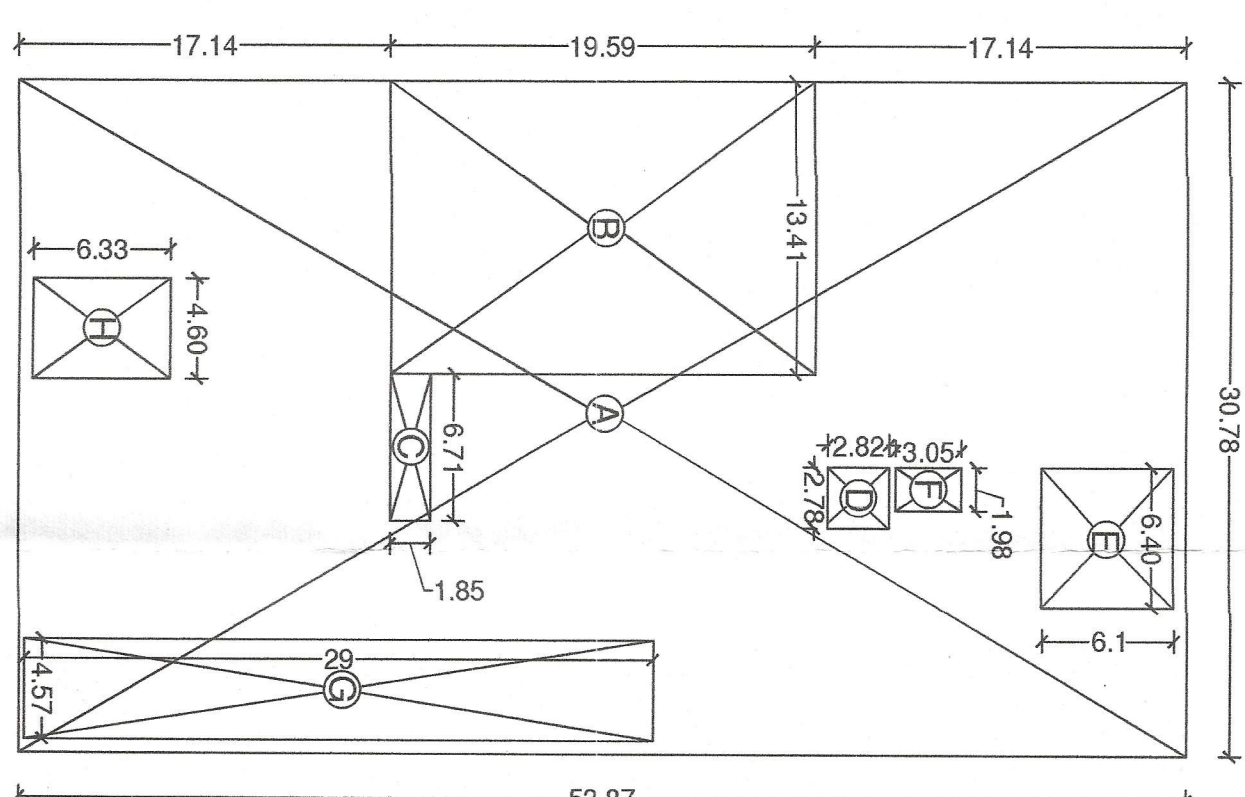
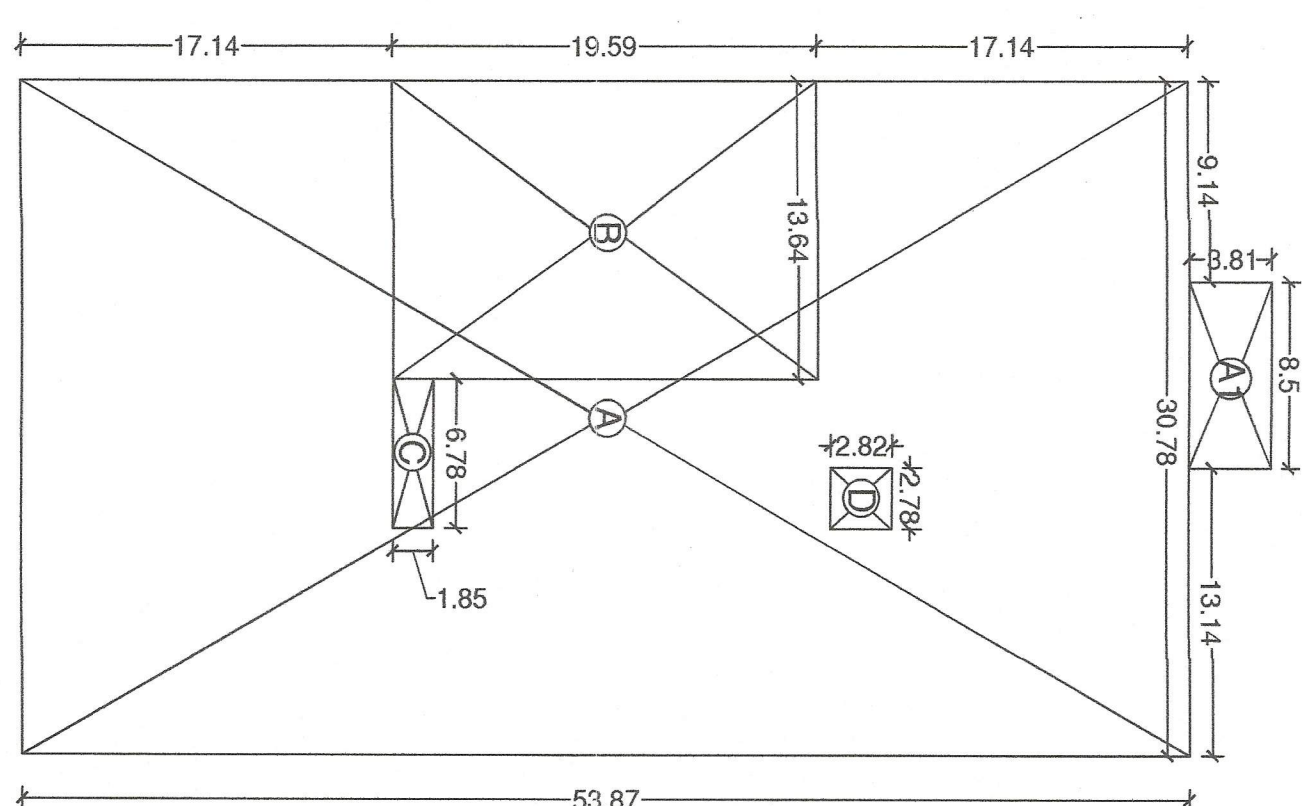
ARCHITECTS SIGN

VASTUMANDAL CONSULTANT

343 A/L MODEL TOWN BAWAL ROAD REWARI

MOB:- 9354498601

e-mail: agvastumandal@gmail.com



PROPOSED COVER AREA
GROUND FLOOR AREA = 1658.118 SQM.
GROUND FLOOR AREA = 1658.118 SQM.
DEDUCTION
TOTAL = 1690.593 SQM.

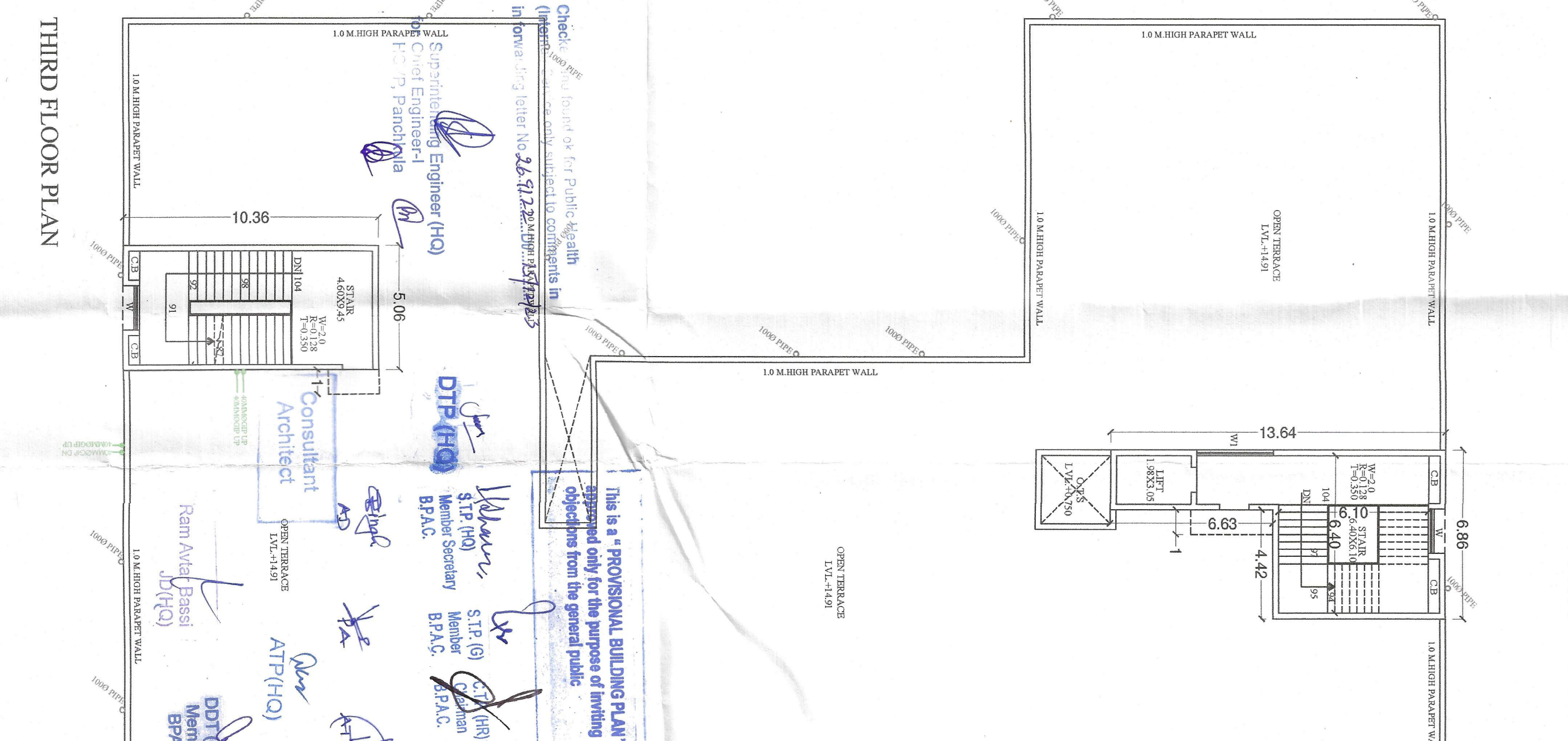
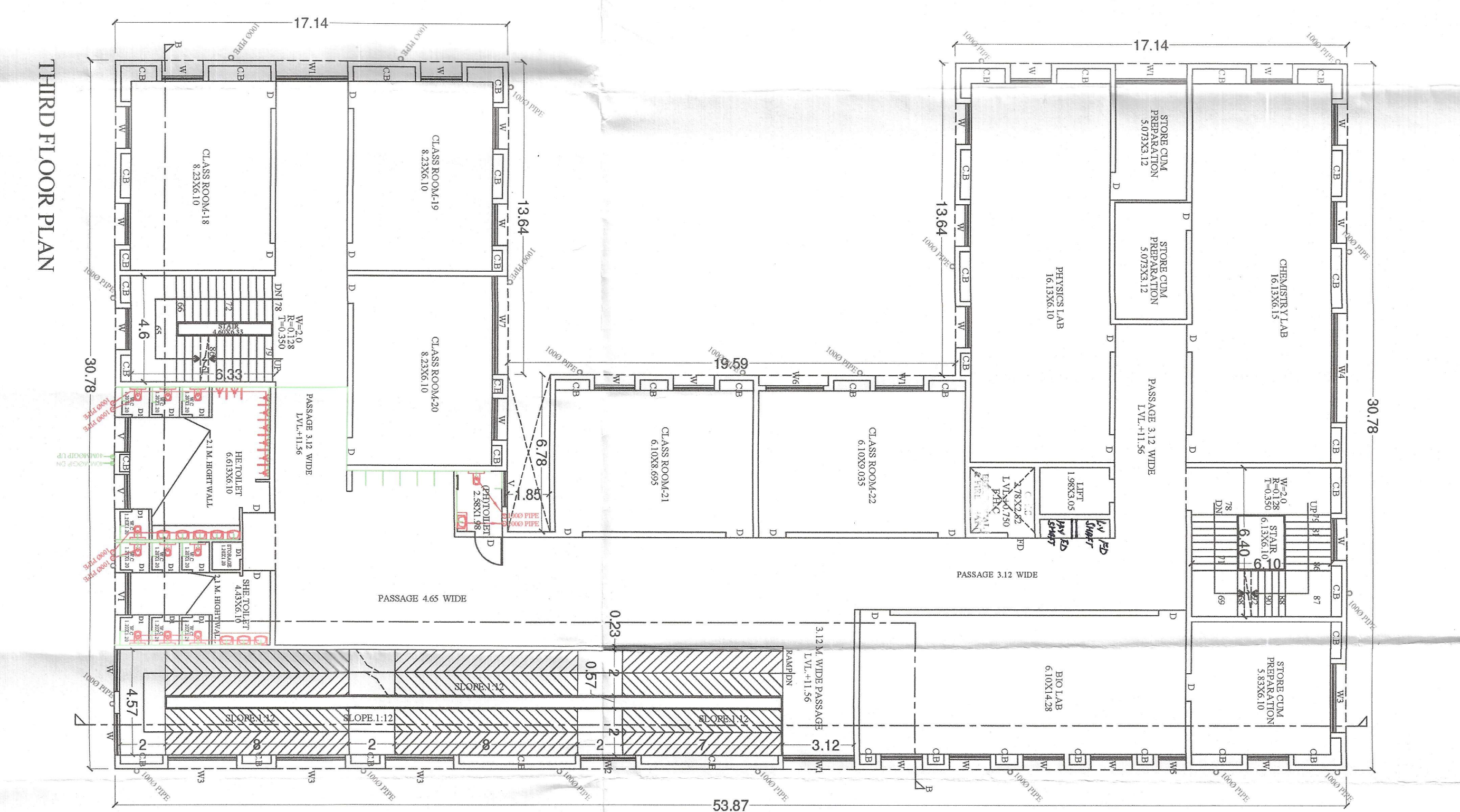
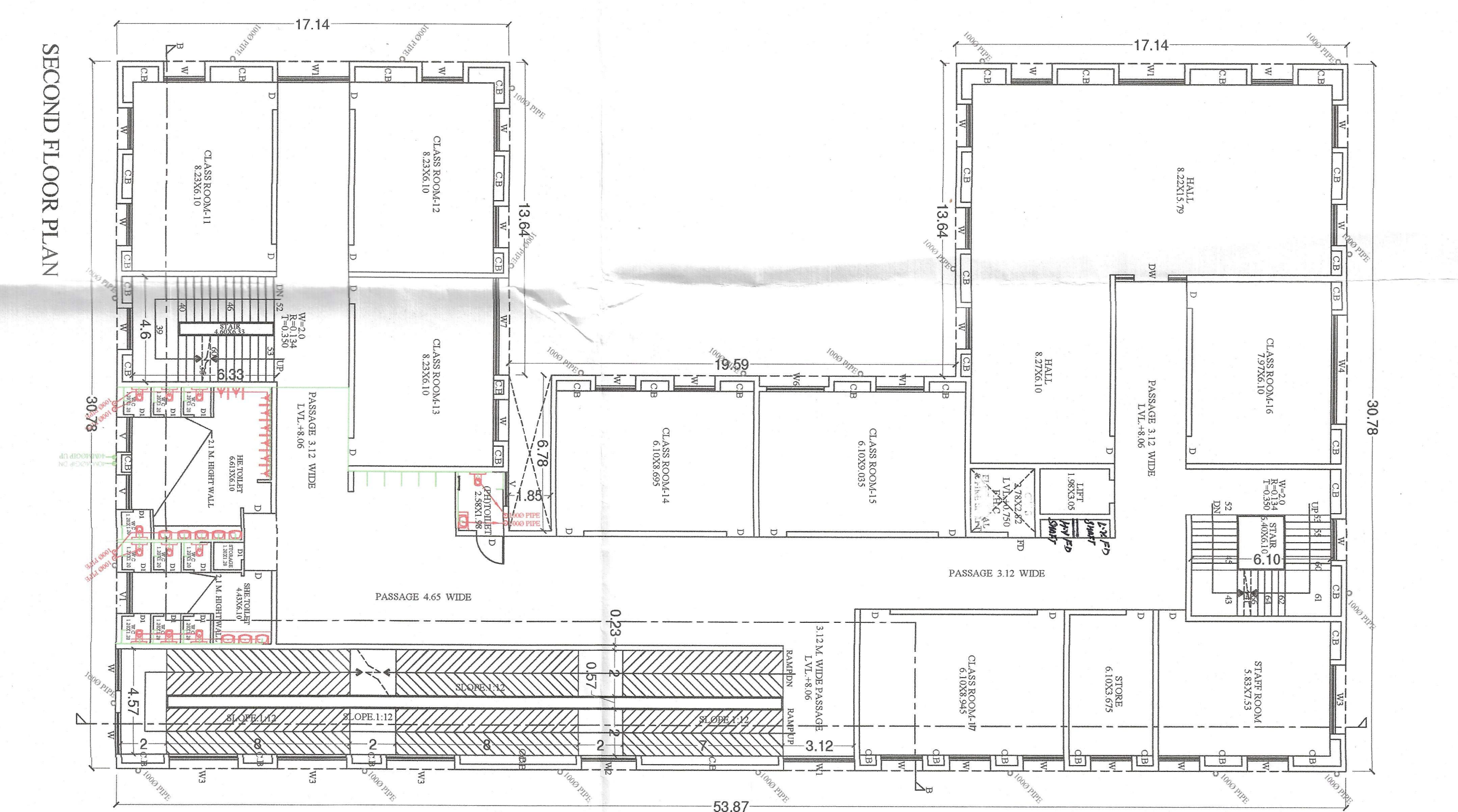
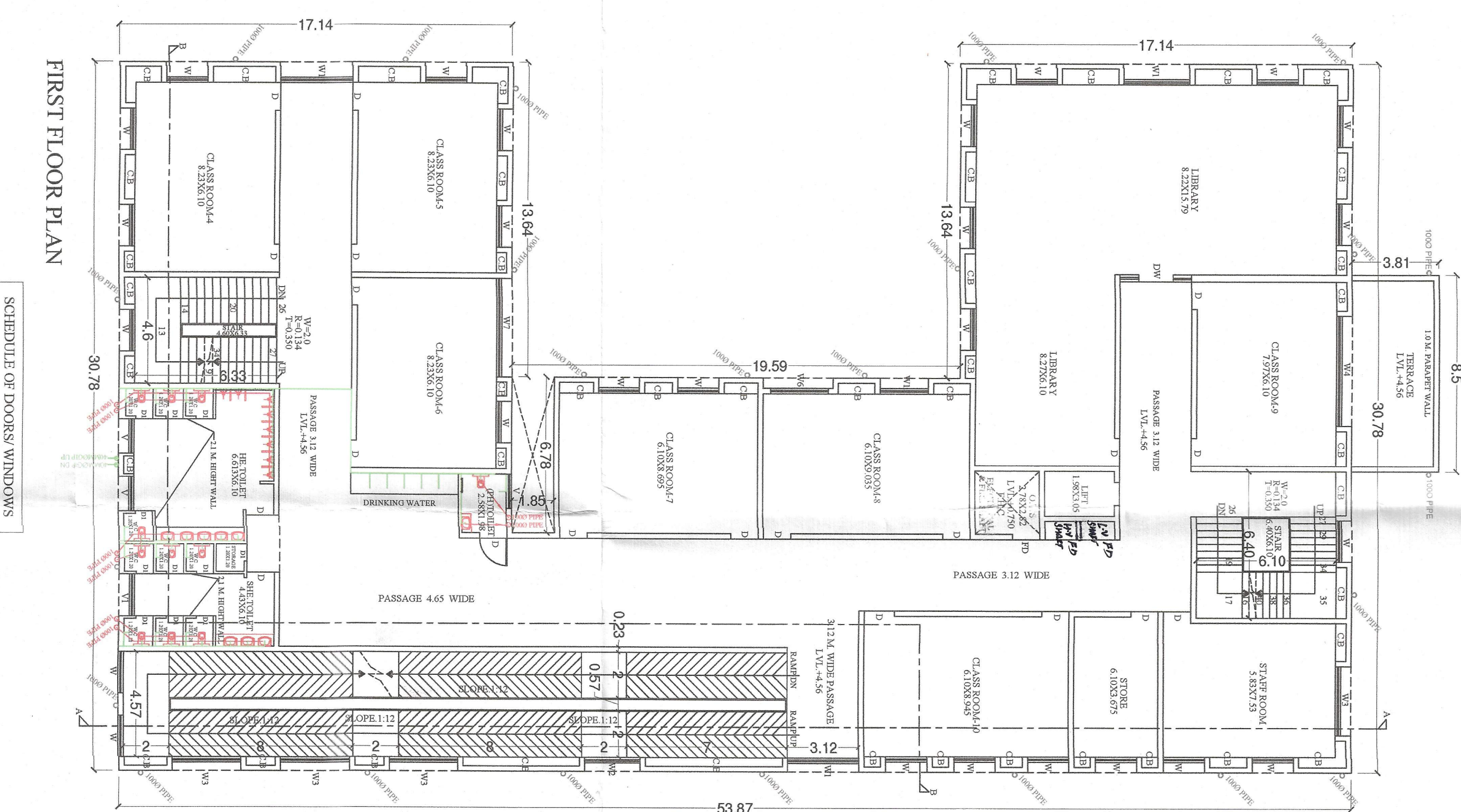
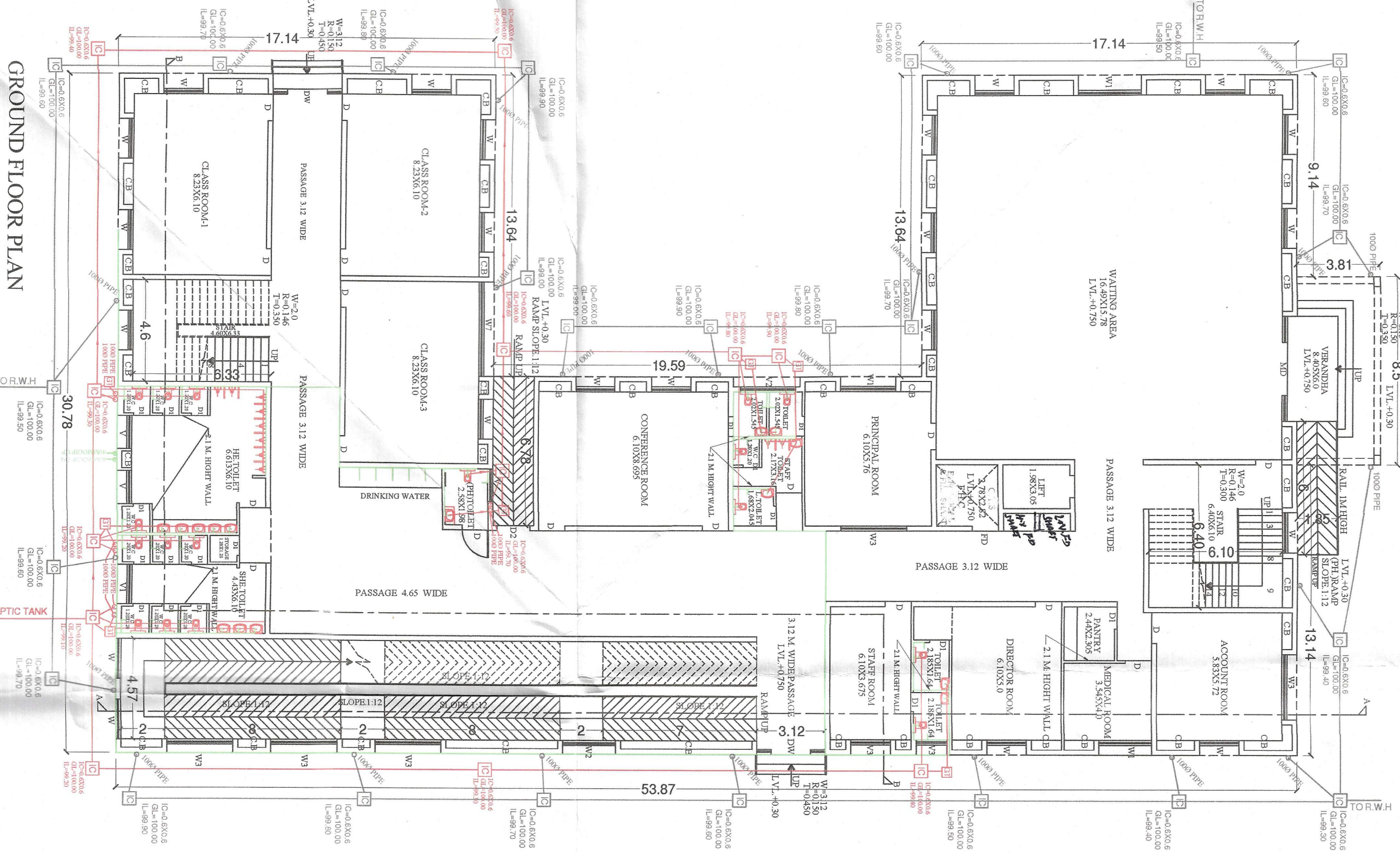
FIRST FLOOR PLAN
PROPOSED COVER AREA
FIRST FLOOR AREA = 1658.118 SQM.
FIRST FLOOR AREA = 1658.118 SQM.
DEDUCTION
TOTAL = 1690.593 SQM.

SECOND FLOOR PLAN
PROPOSED COVER AREA
SECOND FLOOR AREA = 1658.118 SQM.
SECOND FLOOR AREA = 1658.118 SQM.
DEDUCTION
TOTAL = 1690.593 SQM.

THIRD FLOOR PLAN
PROPOSED COVER AREA
THIRD FLOOR AREA = 1658.118 SQM.
THIRD FLOOR AREA = 1658.118 SQM.
DEDUCTION
TOTAL = 1690.593 SQM.

TERRACE, MUMTY & MACHINE ROOM FLOOR
PROPOSED COVER AREA
TERRACE FLOOR AREA = 1658.118 SQM.
TERRACE FLOOR AREA = 1658.118 SQM.
DEDUCTION
TOTAL = 1690.593 SQM.

MUMTY TERRACE
PROPOSED COVER AREA
MUMTY TERRACE AREA = 1658.118 SQM.
MUMTY TERRACE AREA = 1658.118 SQM.
DEDUCTION
TOTAL = 1690.593 SQM.



SNO.	TYPE	SIZE
1.	MD	5.0X2.70
2.	DW	3.1X2.70
3.	W	1.8X0.15
4.	W	1.8X0.15
5.	W	1.8X0.15
6.	W	1.8X0.15
7.	W	1.8X0.15
8.	W	1.8X0.15
9.	W	1.8X0.15
10.	W	1.8X0.15
11.	W	1.8X0.15
12.	W	1.8X0.15
13.	W	1.8X0.15
14.	W	1.8X0.15
15.	W	1.8X0.15
16.	W	1.8X0.15
17.	W	1.8X0.15
18.	W	1.8X0.15

PROPOSED BUILDING PLAN OF SITE NO.01 SCHOOL
(1 ACRE EACH) SEC-24, DWARKADISH, DHARUHERA,
REWARAN AREA MEASURING 4046.85 SQM, 1.00 ACRES AS
PER DOCUMENTS BELONGS TO SURAJ SHIKSHA SAMITI

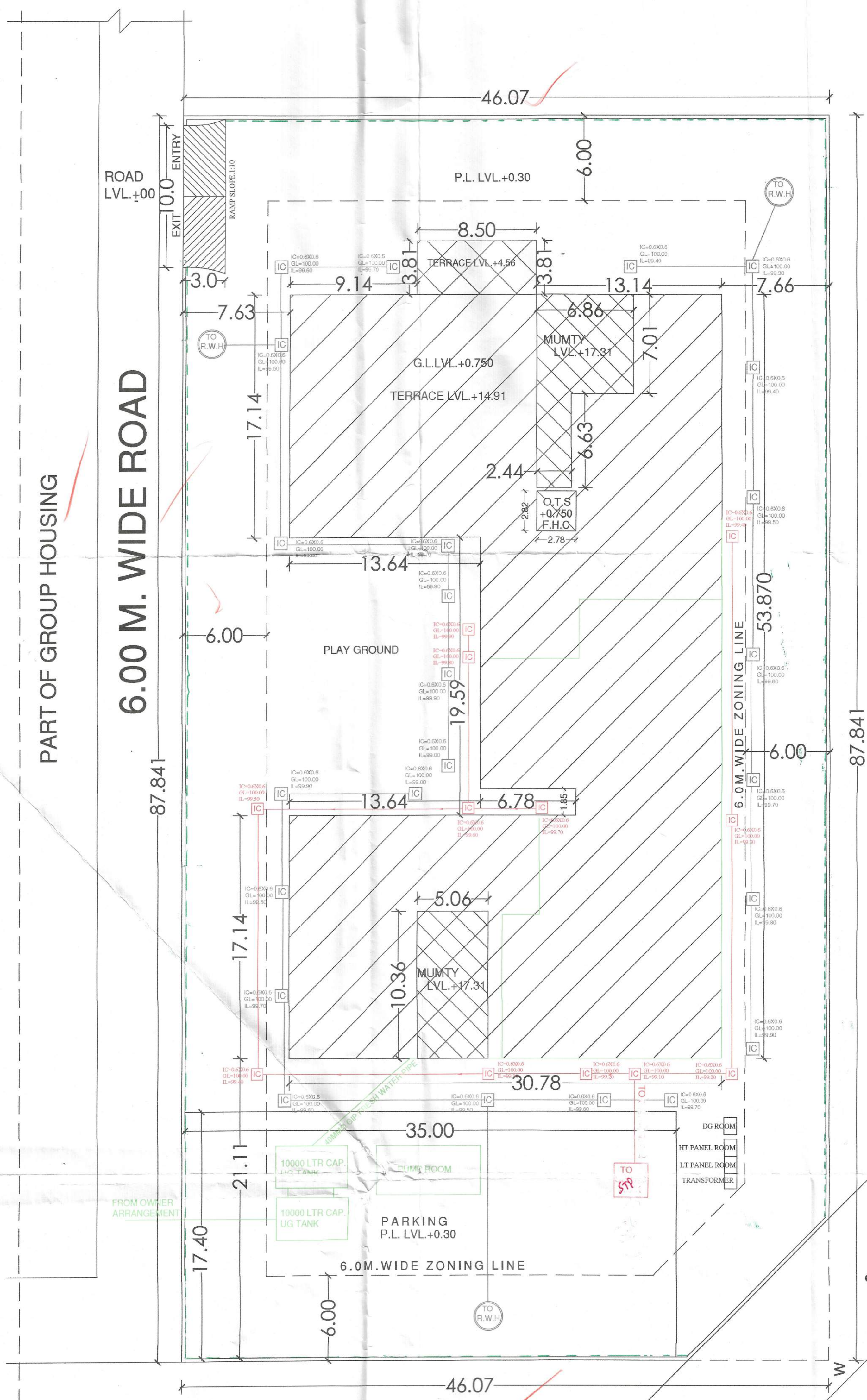
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CHECKED BY:

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OWNER: SON

ARCHITECTS SIGN

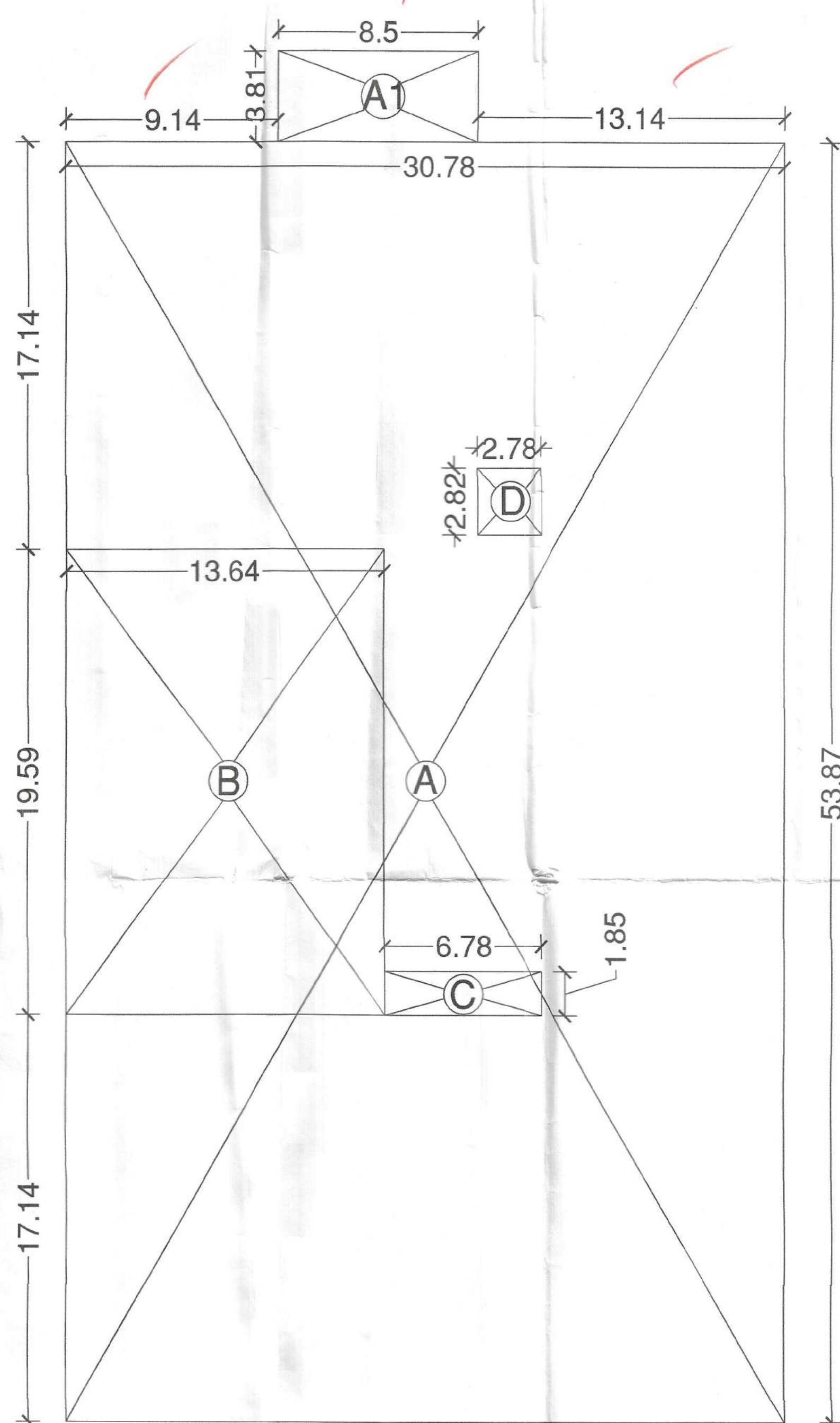
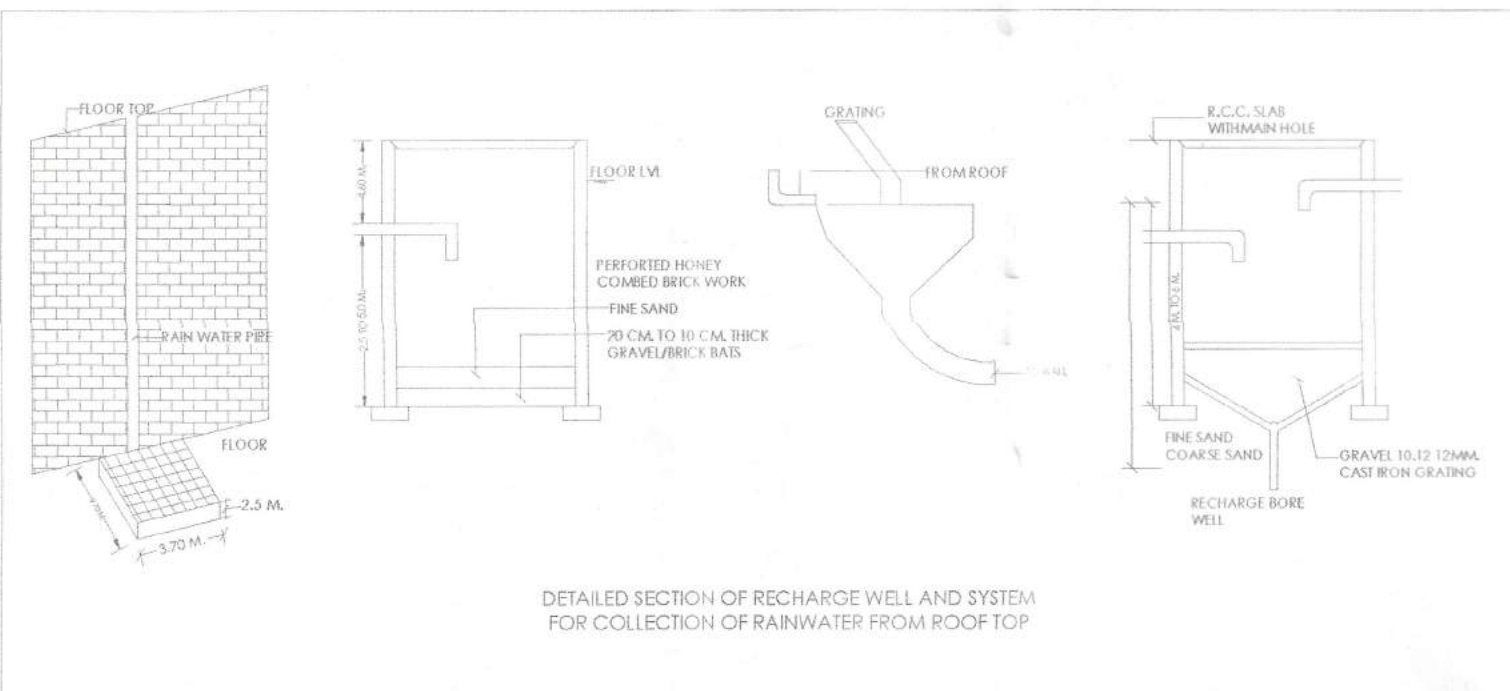
VASTUWANDAL CONSULTANT
240 AL MODEL TOWN BANVAL ROAD REWARI
MOB: 9824466501
e-mail: vspastuwan@gmail.com



SITE PLAN

WATER CALCULATION		
REQUIRED NUMBERS OF STUDENTS 528		
NUMBERS OF BOYS	=	317
NUMBERS OF GIRLS	=	211
SANITARY REQUIREMENT AS PER N B C		PROVIDED SANITARY FIXTURES
W.C.		
1 PER 40 STUDENTS FOR BOYS	= 08 NOS	= 16 NOS
1 PER 25 STUDENTS FOR GIRLS	= 09 NOS	= 24 NOS
URINALS		
1 PER 20 STUDENTS FOR BOYS	= 16 NOS	= 32 NOS
WASH BASIN		
1 PER 60 STUDENTS FOR BOYS	= 06 NOS	= 20 NOS
1 PER 40 STUDENTS FOR GIRLS	= 06 NOS	= 12 NOS
DRINKING WATER TAPS		
1 PER 50 STUDENTS FOR BOYS	= 07 NOS	= 10 NOS
1 PER 50 STUDENTS FOR GIRLS	= 05 NOS	= 10 NOS

FIRE FIGHTING SCHEME-IS-MARKED	
1. WATER CO2 FIRE EXTINGUISHER	⊗
2. CO2 FIRE EXTINGUISHER	⊕
3. DRY - CHEMICAL FIRE EXTINGUISHER	△
4. FOAM TYPE FIRE EXTINGUISHER	□
5. FIRE HOSE REEL	⊠
6. FIRE HYDRANT WITH THE HOUSE & BRANCH	○
7. OVER HEAD WATER TANK 5000 GLN CAP	□
8. UNDER GROUND WATER TANK 10000 GLN CAP	□
9. FIRE HOUSE BOX WITH 2 NOS HOUSE & BRANCH PIPE	⊞



AREA DETAIL

TOTAL PLOT AREA (AS PER DOCUMENTS) = 4046.85 SQ.M.
PERMISSIBLE F.A.R. 150% = 6070.275 SQ.M.
PERMISSIBLE GROUND COVERAGE 35% = 1416.397 SQ.M.

PROPOSED COVD AREA

GROUND FLOOR - A = 30.78X53.87 = 1658.118 SQM.
A1 = 8.50X3.81 = 32.385 SQM.
TOTAL = 1690.503 SQM.

DEDUCTION

B = 13.64X19.59 = 267.207 SQM.
C = 6.78X1.85 = 12.543 SQM.
D = 2.78X2.82 = 7.839 SQM.
TOTAL = 287.589 SQM.
TOTAL GROUND FLOOR COVD AREA = 1690.503 - 287.589 = 1402.914 SQM.

FIRST FLOOR - 30.78X53.87 = 1658.118 SQM.

DEDUCTION

B = 13.64X19.59 = 267.207 SQM.
C = 6.78X1.85 = 12.543 SQM.
D = 2.78X2.82 = 7.839 SQM.
TOTAL = 287.589 SQM.
TOTAL FIRST FLOOR COVD AREA = 1658.118 - 287.589 = 1370.529 SQM.
= 1370.529 - [STAIR(E+H) + LIFT(F)+RAMP(G)]
= 1370.529 - (6.40X6.10+4.60X6.33+1.98X3.05+4.57X29.00)
= 1370.529 - (39.04+29.118+6.039+132.53)
= 1370.529 - 206.727 = 1163.802 SQM.

SECOND FLOOR - 30.78X53.87 = 1658.118 SQM.

DEDUCTION

B = 13.64X19.59 = 267.207 SQM.
C = 6.78X1.85 = 12.543 SQM.
D = 2.78X2.82 = 7.839 SQM.
TOTAL = 287.589 SQM.
TOTAL SECOND FLOOR COVD AREA = 1658.118 - 287.589 = 1370.529 SQM.
= 1370.529 - [STAIR(E+H) + LIFT(F)+RAMP(G)]
= 1370.529 - (6.40X6.10+4.60X6.33+1.98X3.05+4.57X29.00)
= 1370.529 - (39.04+29.118+6.039+132.53)
= 1370.529 - 206.727 = 1163.802 SQM.

THIRD FLOOR - 30.78X53.87 = 1658.118 SQM.

DEDUCTION

B = 13.64X19.59 = 267.207 SQM.
C = 6.78X1.85 = 12.543 SQM.
D = 2.78X2.82 = 7.839 SQM.
TOTAL = 287.589 SQM.
TOTAL THIRD FLOOR COVD AREA = 1658.118 - 287.589 = 1370.529 SQM.
= 1370.529 - [STAIR(E+H) + LIFT(F)+RAMP(G)]
= 1370.529 - (6.40X6.10+4.60X6.33+1.98X3.05+4.57X29.00)
= 1370.529 - (39.04+29.118+6.039+132.53)
= 1370.529 - 206.727 = 1163.802 SQM.

TERRACE FLOOR -

J = 6.86X7.01 = 48.088 SQM.
K = 2.44X6.63 = 16.177 SQM.
L = 5.06X10.36 = 52.421 SQM.
TOTAL = 116.686 SQM.

TOTAL ACHIEVED GROUND COVERAGE

= 1402.914 SQM. OR 34.66%

TOTAL FAR AREA

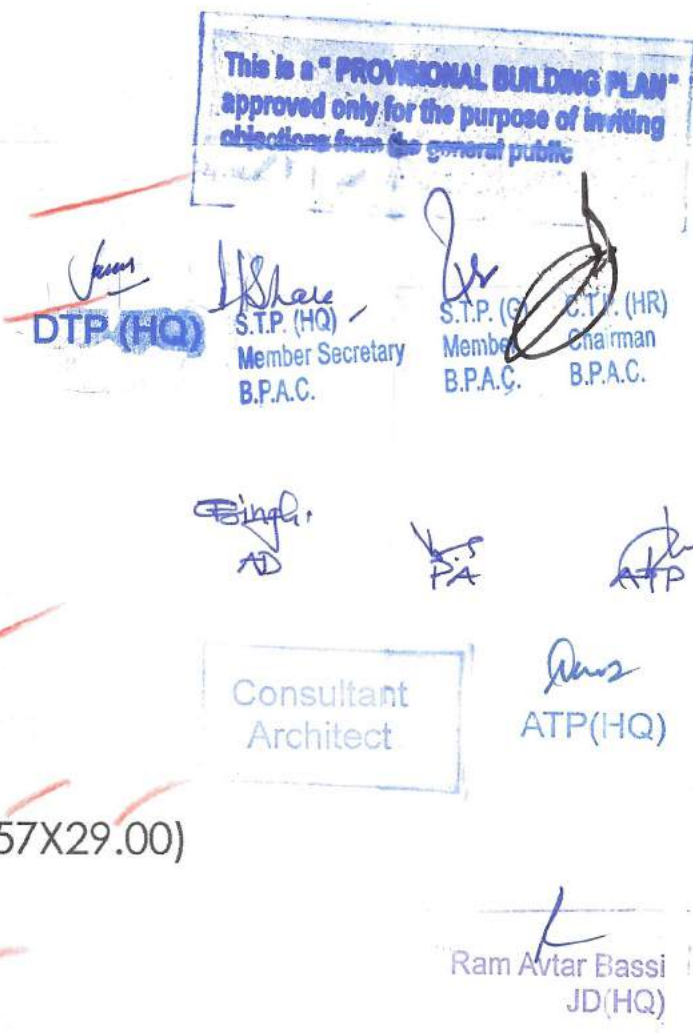
G.F. + 1ST.F. + 2ND.F. + 3RD.F.
= 1402.914+1163.802+1163.802+1163.802 = 4894.32 SQM. OR 120.94%

TOTAL COVD AREA

= G.F. + 1ST.F. + 2ND.F. + 3RD.F. + MUMTY & MACHINE ROOM
= 1402.914+1163.802+1163.802+1163.802+116.686 = 5728.342 SQM.

PERMISSIBLE PARKING AREA = 4046.85X15% = 607.027 SQM.

PROVIDED PARKING AREA = 35.00X17.40 = 609.00 SQM



TO BE READ WITH THIS OFFICE
REVISION NO.1
DATED :

1. THAT THIS SANCTION OF MAP PLAN IS SUBJECT TO THE BUILDER, OWNER OR PERSON SEEKING SANCTION SHALL STRICTLY COMPLY WITH THE DIRECTION AS CONTAINED IN ORDER 10.04.2015 PASSED BY HONBLE NATIONAL GREEN TRIBUNAL IN O.A NO. 21 OF 2014- VARDHMAN KAUSIK V/S UOI AND OTHERS AS WELL AS CONTAINED IN OFFICE ORDER ISSUED DGTCP E VIDE ENDS. NO. MSC NO. 392-2015-7553 DATED 14.05.2015.
2. THAT THE APPLICANT SHALL USE LIGHT EMITTING DIODE LAMP (LED) LIGHTING FOR THE INTERNAL LIGHTING AS WELL AS CAMPUS LIGHTING.
3. THAT THE OWNER SHALL ENSURE THE INSTALLATION OF SOLAR PHOTOVOLTAIC POWER PLANT AS PER PROVISION OF NOTIFICATION NO. 22-52-2005-5 POWER DATED 03.09.2014 OF HARYANA GOVERNMENT RENEWABLE ENERGY DEPARTMENT, IF REQUIRED.
4. THE STRUCTURE DESIGN, STABILITY OF STRUCTURE AGAINST EARTHQUAKE SHALL BE RESPONSIBILITY OF THE ARCHITECT / ENGINEER / OWNER.
5. GATE & BOUNDARY WALL AS PER STANDARD DESIGN.

PROPOSED BUILDING PLAN OF SITE NO 01 SCHOOL
(1 ACRE EACH) SEC-24, DWARKADHISH, DHARUHERA,
REWARI AN AREA MEASURING 4046.85 SOM. (1.00 ACRES AS
PER DOCUMENTS) BELONGS TO SUBRAJ SHIKSHA SAMITHI

OWNER SIGN

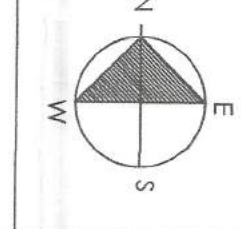
ARCHITECTS SIGN

DRAWN BY:- jitenra yadav

CHECKED BY:-

DATE :- 25/07/2023

Scale:- 1:100



VASTUMANDAL CONSULTANT
343 A/L MODEL TOWN BAWAL ROAD REWARI
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e-mail: agvastumandal@gmail.com