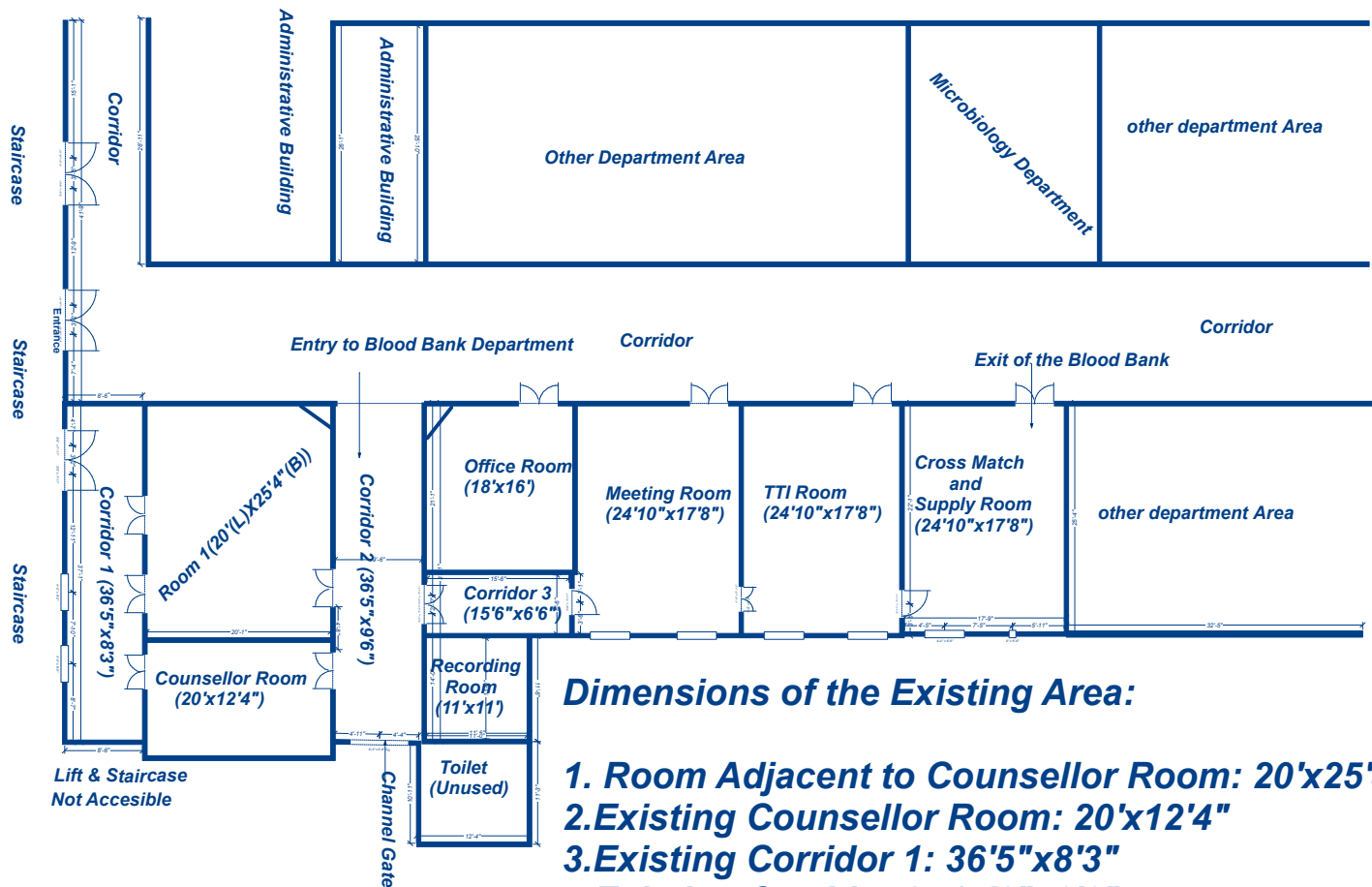


Annexure_1

Existing Layout for Old Blood Bank Department , Ground Floor,GSVM College,Kanpur (U.P.)



Dimensions of the Existing Area:

1. Room Adjacent to Counsellor Room: 20'x25'4"
2. Existing Counsellor Room: 20'x12'4"
3. Existing Corridor 1: 36'5"x8'3"
4. Existing Corridor 2: 15'6"x6'6"
5. Existing Office: 18'x16'
6. Existing Documentation Room: 11'x11'
7. Existing Meeting Room: 24'10"x17'8"
8. Existing TTI Room: 24'10"x17'8"

Height of Ceiling : Approx. 12'

Proposed Layout for TB C & DST Lab, Ground Floor, GSVM College, Kanpur (U.P.)

Annexure_2



Description:

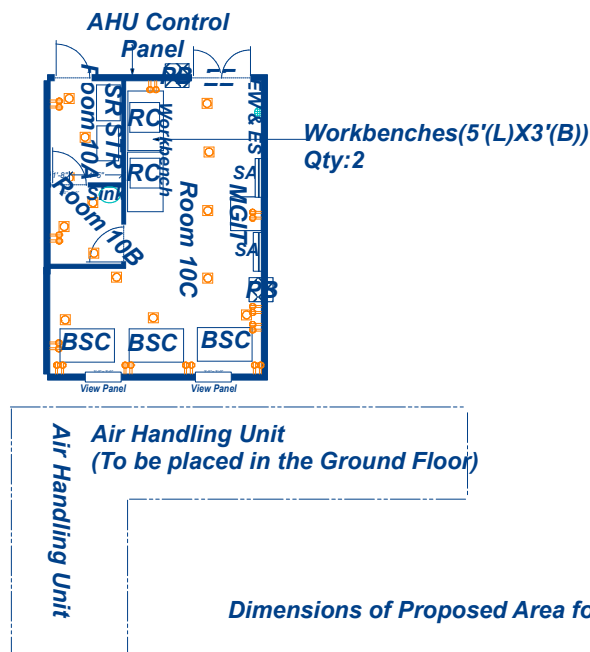
Dimensions of Proposed Area for TB C & DST Lab:

- 1) Room 1(Proposed Walk in Cold Room): 8'(L)x8'(B)
- 2) Room 2(Proposed Sterilization & Washing Room): 16'(L)x8'3"(B)
- 3) Room 3A(Proposed Inspissator Room): 13'6"(L)x8'3"(B)
- 4) Room 3B(Proposed Media Room):14'10"(L)x12'4"(B)
- 5) Room 3C(Proposed Ante Room_Media Room): 12'4"(L)x4'8"(B)
- 6) Room 4A(Proposed Master Mix Room):13'(L)x7'6"(B)
- 7) Room 4B(Proposed Ante Room_Master Mix Room):7'6"(L)x6'4"(B)
- 8) Room 4C(Proposed Amplification Room):13'(L)x8'(B)
- 9) Room 4D(Proposed Hybridization Room):13'(L)x8'10"(B)
- 10) Room 4E(Proposed Ante Room_Hybridization & Amplification Room):17'4"(L)x6'4"(B)
- 11) Room 5(Proposed Sample Reception Room):9'5"(L)x7'(B)
- 12) Room 6(Proposed Microscopy & Staining Room):16'(L)x8'8"(B)
- 13) Room 7(Proposed Data Entry & LIMS Room):8'(L)x8'(B)
- 14) Room 8(Proposed Microbiologist Room):8'(L)x7'6"(B)
- 15) Room 9(Proposed Store Room):11'(L)x11'(B)
- 16) Room 10A(Proposed Change Room_TB Containment Lab):8'6"(L)x6'(B)
- 17) Room 10B(Proposed Ante Room_TB Containment Lab): 6'6"(L)x6'(B)
- 18) Room 10C(Proposed TB Containment Lab):15'8"(L)x11'3"(B) & 17'8"(L)x8'10"(B)
- 19) Room 11(Proposed Autoclave Room): 17'8"(L)x10'7"(B)
- 20) Room 12(Proposed Incubator Room):12'2"(L)x7'6"(B)
- 21) Room 13(Proposed Culture Reading Room):12'2"(L)x5'7"(B)

- 1)VA: Vertical Autoclave
- 2)WDU: Water Distillation Unit
- 3)HAO: Hot Air Oven
- 4)SA: Split Air Conditioner
- 5)EF: Exhaust Fan
- 6)INS: Inspissator
- 7)LAF: Laminar Air Flow
- 8)WB: Water Bath
- 9)PH: pH Meter
- 10)AB: Analytical Balance
- 11)PBA: Precision Balance
- 12)FZ: -20 Freezer
- 13)RF: Refrigerator
- 15)DF: Deep Freezer
- 16)MI: Microscope
- 17)SR: Shoe Rack
- 18)STR: Storage Rack
- 19)BSC: Biosafety Cabinet
- 20)MGIT: MGIT 960
- 21)RC: Refrigerated Centrifuge
- 22)IN: Incubator
- 23)HA: Horizontal Autoclave
- 24) GT: GT Blot
- 25)TW: Twincubator
- 26)TC: Thermocycler

Annexure_3

Proposed Layout for TB Containment Lab_ Ground Floor,GSVM College,Kanpur (U.P.)

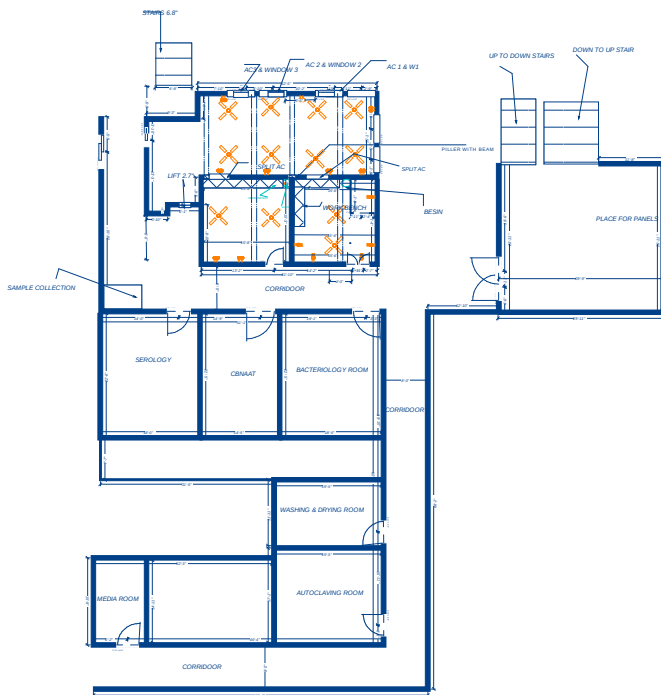


Description:

- 1)SA: Split Air Conditioner
- 2)SR: Shoe Rack
- 3)STR: Storage Rack
- 4)BSC: Biosafety Cabinet
- 5)MGIT: MGIT 960
- 6)RC: Refrigerated Centrifuge

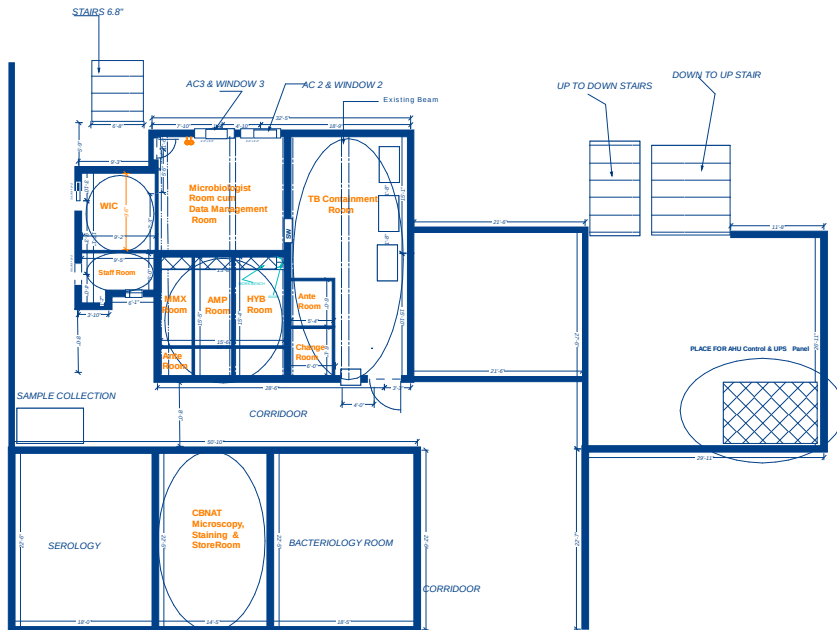
Dimensions of Proposed Area for TB C& DST Lab:

- 1) Room 10A(Proposed Change Room_TB Containment Lab):8'6"(L)x6'(B)
- 2) Room 10B(Proposed Ante Room_TB Containment Lab): 6'6"(L)x6'(B)
- 3) Room 10C(Proposed TB Containment Lab):15'8"(L)x11'3(B)& 17'8"(L)x8'10"(B)



Proposed Sections of TB C&DST Lab, Dept of Microbiology, 3rd Floor, Midnapore

Annexure 2



Proposed TB Containment Lab, 3rd Floor, Dept of Microbiology, Midnapore

Annexure 3

Equipment Details:

TB Containment Lab

BSC: Bio-safety Cabinet

RF: Refrigerator

Ref. Cent: Refrigerated Centrifuge

SA: Split AC (2 TR)

MGIT: MGIT 960

PB: Pass box (2'x2')(1 no)

WB1: Work Bench1 (LxWxH)(6'x3'x2'6")

WB2: Work Bench2 (LxWxH)(6'x3'x2'6")

WB3: Work Bench3 (LxWxH)(5'x3'x2'6")

WB4: Work Bench 4 (LxWxH)(3'6"x3'x2'6")

STR: Storage cabinet (LxWxH)(3'x1'6"x4')

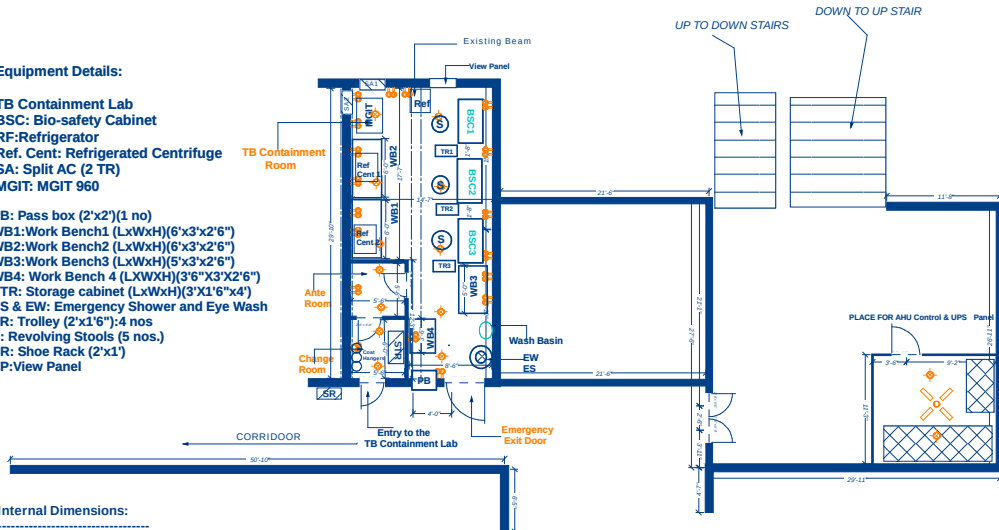
ES & EW: Emergency Shower and Eye Wash

TR: Trolley (2'x1'6"):4 nos

S: Revolving Stools (5 nos.)

SR: Shoe Rack (2'x1')

VP: View Panel



Internal Dimensions:

Overall Internal Dimension: 29'10" X 14'7"

1. Area of Change Room: 6' X 5'6"

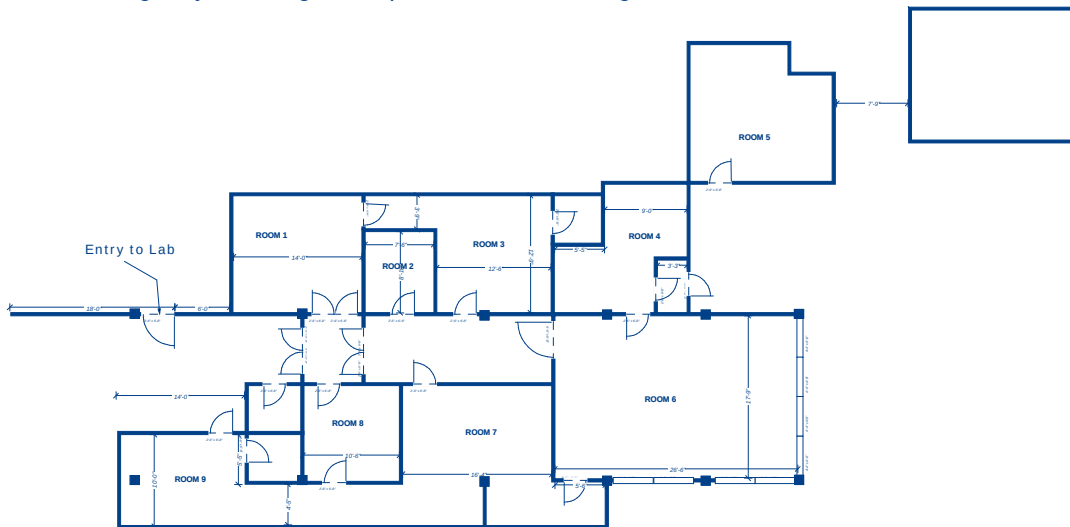
2. Area of Ante Room: 5'6" X 5'6"

3. Area of TB containment Room: 17'7" X 14'7"+12'3"X 8'6"

Note:

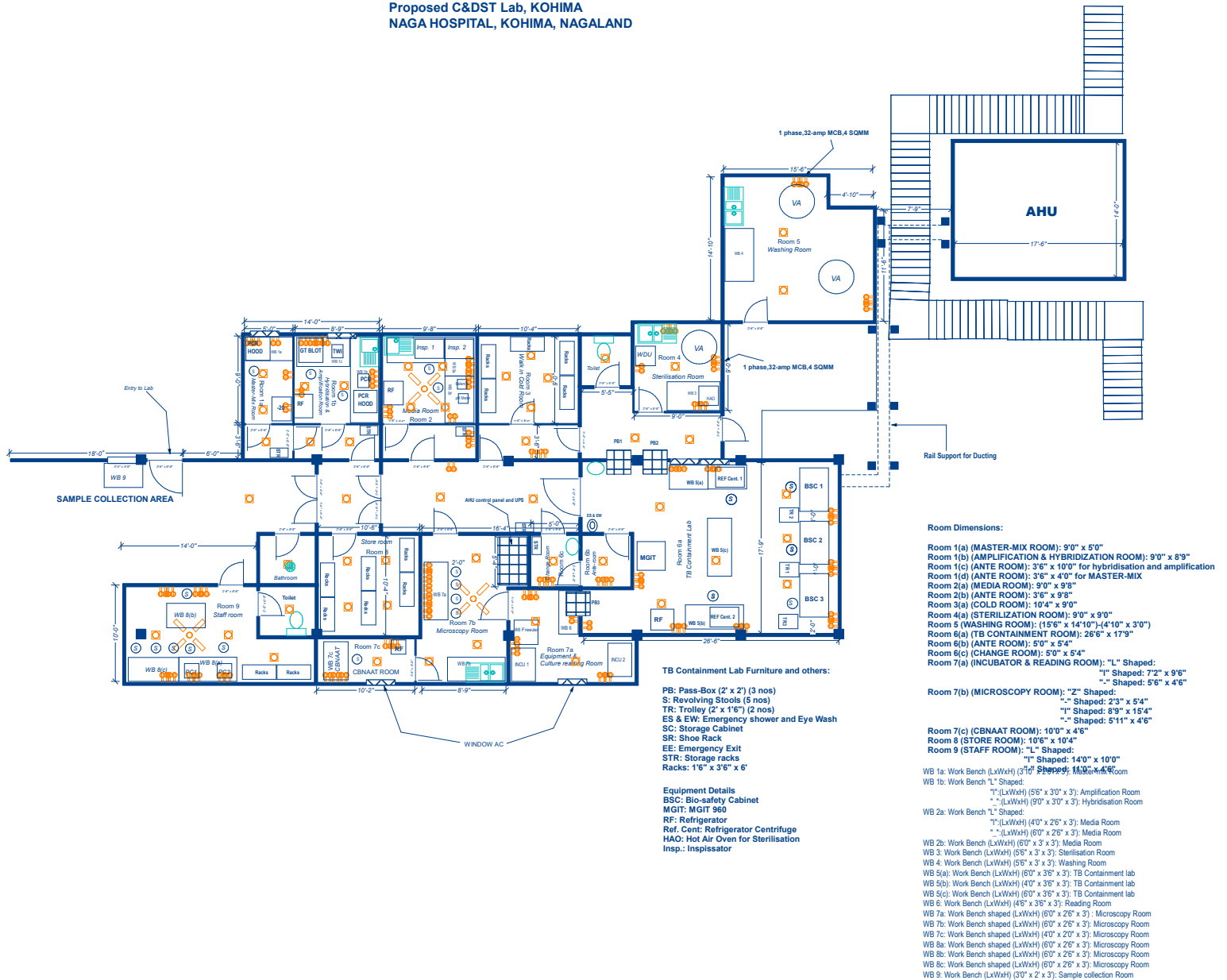
Space for AHU ODU placement is identified on the roof top of the 4th Floor, parallel to the proposed TB Containment Room

Existing Layout Naga Hospital, Kohima, Nagaland



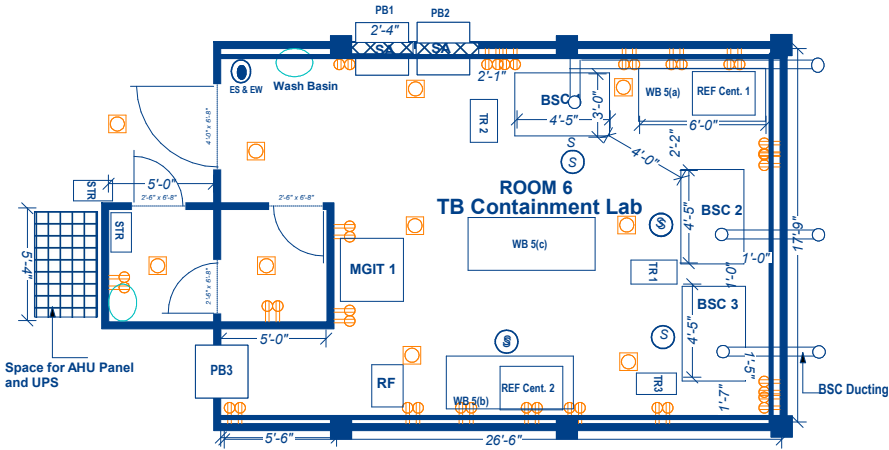
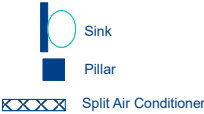
Annexure 2

Proposed C&DST Lab, KOHIMA NAGA HOSPITAL, KOHIMA, NAGALAND



Annexure 4

Proposed TB containment Lab, NAGA HOSPITAL, KOHIMA, NAGALAND



Room Dimensions:
Room 6(a) (TB CONTAINMENT ROOM): 26'6" x 17'9"
Room 6(b) (ANTE ROOM): 5'0" x 5'4"
Room 6(c) (CHANGE ROOM): 5'0" x 5'4"

WB 5(a): Work Bench (LxWxH) (6'0" x 3'6" x 3'): TB Containment lab
WB 5(b): Work Bench (LxWxH) (4'0" x 3'6" x 3'): TB Containment lab
WB 5(c): Work Bench (LxWxH) (6'0" x 3'6" x 3'): TB Containment lab



TB Containment Lab Furniture and others:

- PB: Pass-Box (2' x 2') (3 nos)
- S: Revolving Stools (5 nos)
- TR: Trolley (2' x 1'6") (2 nos)
- ES & EW: Emergency shower and Eye Wash
- SC: Storage Cabinet
- SR: Shoe Rack
- EE: Emergency Exit
- STR: Storage racks
- Racks: 1'6" x 3'6" x 6'

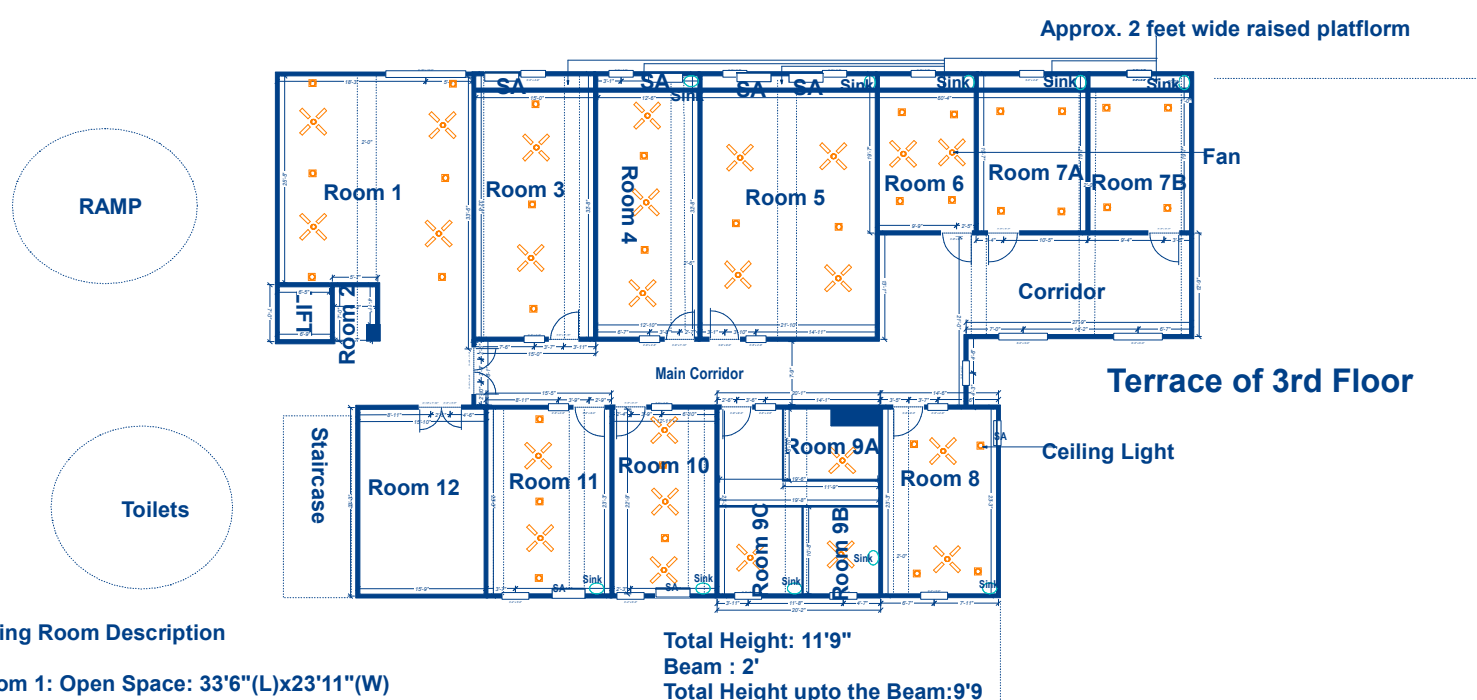
Equipment Details:

- BSC: Bio-safety Cabinet
- MGIT: MGIT 960
- RF: Refrigerator
- Ref. Cent: Refrigerator Centrifuge
- SA: Split AC

- Additional work related to TB Containmnet Lab:
- 1) Creation of Door as indicated in the layout
 - 2) Creation of Passbox as indicated in the layout
 - 3) Creation of HVAC/AHU platform with a height 2 feet above the ground label
 - 4) Creation of rail support for ducting with shed.

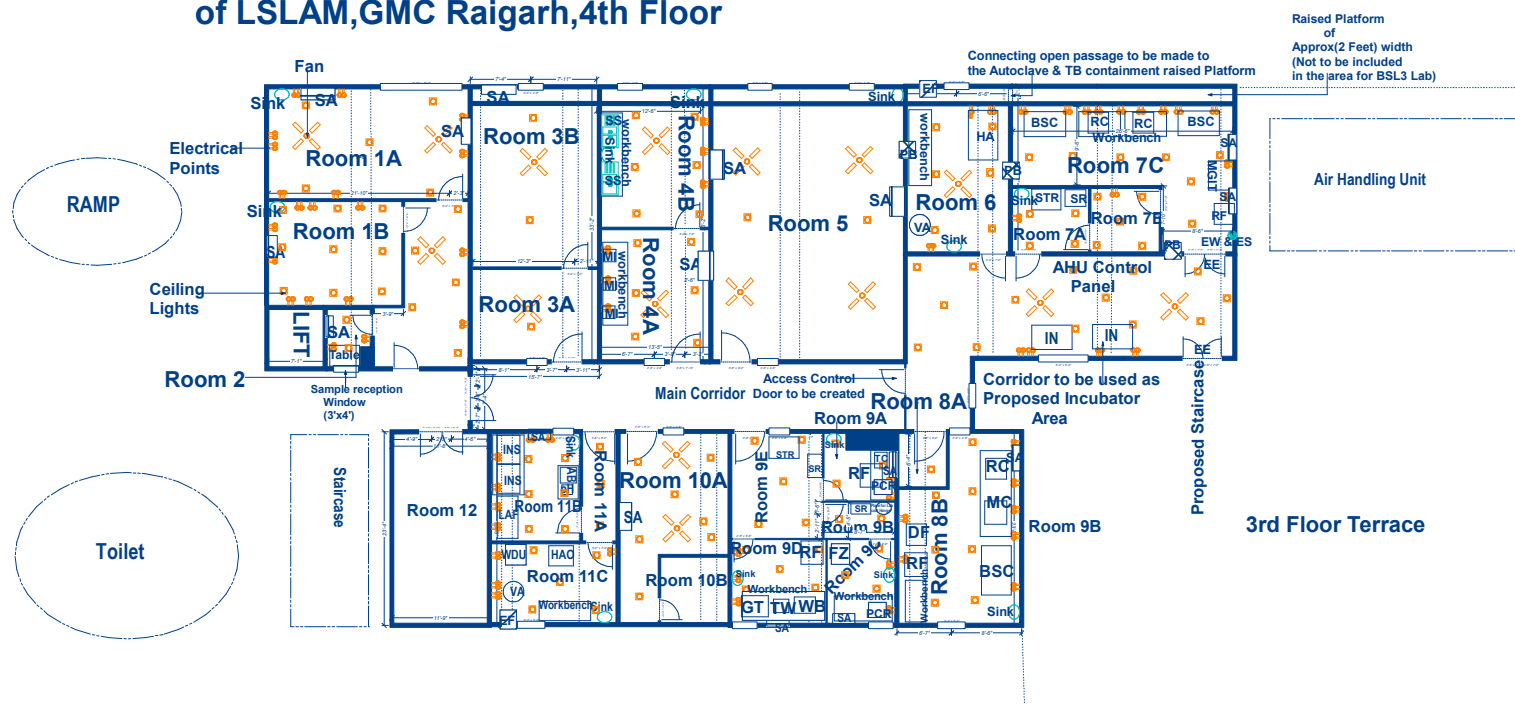
Annexure_1

Existing Lab Layout of Microbiology & Pathology Department of LSLAM, GMC Raigarh, 4th Floor



Annexure_2

Proposed TB C & DST Lab Layout at Microbiology & Pathology Department of LSLAM, GMC Raigarh, 4th Floor



Proposed Room Description

- 1) Room 1A: Proposed Staff & Conference Room: 23'11"(L)x13'3"(W)
- 2) Room 1B: Proposed LIMS, Data Entry Operator and Microbiologist Room: 16'(L)x12'6"(W)
- 3) Room 2: Proposed Sample Reception Room: 7'(L)x5'2"(W)
- 4) Room 3A: Proposed Immunology Room: 11'(L)x15'(W)
- 5) Room 3B: Proposed Serology Room: 19'4"(L)x15'(W)
- 6) Room 4A: Proposed Microscopy Room: 15'7"(L)x12'10"(W)
- 7) Room 4B: Proposed Staining Room: 14'7"(L)x12'10"(W)
- 8) Room 5: Existing & Proposed Bacteriology Room: 32'8"(L)x23'2"(W)
- 9) Room 6: Proposed Autoclave and Discard Room: 19'7"(L)x12'2"(W)
- 10) Room 7A: Proposed Ante Room (TB containment Lab): 8'(L)x7'6"(W)
- 11) Room 7B: Proposed Change Room (TB containment Lab): 9'(L)x7'6"(W)
- 12) Room 7C: Proposed TB Containment Lab: (26'6"(L)x9'6"(W) & 8'6"(L)x7'10"(W))
- 13) Room 8A: Proposed Ante Room (BSL II Lab): 6'4"(L)x5'8"(W)
- 14) Room 8B: Proposed BSL 2 Room: (8'6"(L)x6'8"(W) & 16'2"(L)x14'5"(W))
- 15) Room 9A: Proposed Amplification Room: 8'5"(L)x8'(W)
- 16) Room 9B: Proposed Ante Room (Master Mix): 8'5"(L)x4'5"(W)
- 17) Room 9C: Proposed Master Mix Room: 10'(L)x8'(W)
- 18) Room 9D: Proposed Hybridization Room: 10'(L)x12'(W)
- 19) Room 9E: Proposed Ante Room (Hybridization & Amplification): 12'6"(L)x11'(W)
- 20) Room 10A: Proposed Store Room: 12'11"(L)x14'4"(W)
- 21) Room 10B: Proposed Walk In Cold Room: 8'(L)x8'(W)
- 22) Room 11A: Proposed Ante Room (Media Room): 12'10"(L)x4'(W)
- 21) Room 11B: Proposed Media Preparation Room: 12'10"(L)x10'7"(W)
- 22) Room 11C: Proposed Sterilization Room: 15'(L)x9'6"(W)
- 23) Room 12: Existing & Proposed Electrical Room
- 24) Existing Corridor : Proposed Incubator Area: 26'(L)x12'(W)

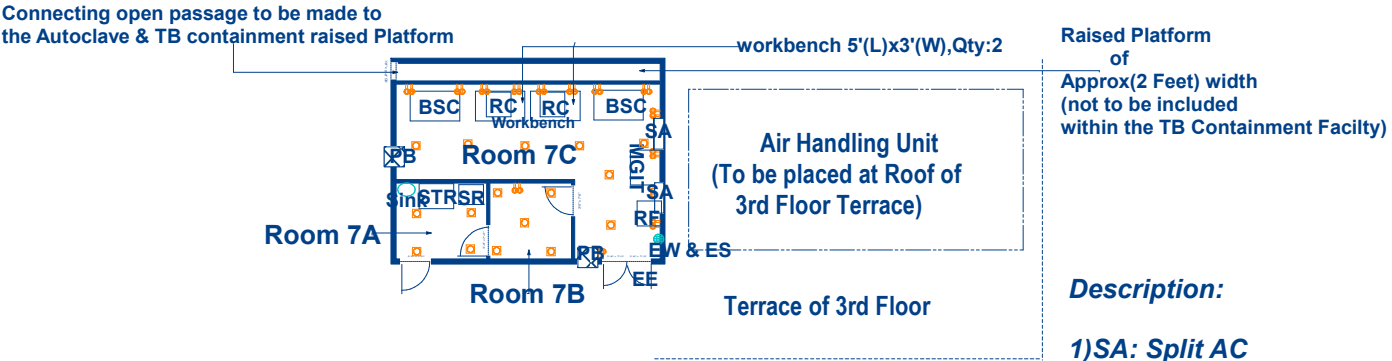
Description:

- 1) SA: Split AC
- 2) SS: Staining Station
- 3) MI: Microscope
- 4) PB: Pass Box
- 5) VA: Vertical Autoclave
- 6) HA: Horizontal Autoclave
- 7) WDU: Water Distillation Unit
- 8) EF: Exhaust Fan
- 9) BSC: Biosafety Cabinet
- 10) MGIT: MGIT 960
- 11) RC: Refrigerated Centrifuge
- 12) RF: Refrigerator
- 13) STR: Storage Rack
- 14) SR: Shoe Rack
- 15) EW: Eye Wash
- 16) ES: Emergency shower
- 17) EE: Emergency Exit
- 18) FZ: -20 Freezer
- 19) MC: Microlitre Centrifuge
- 20) DF: Deep Freezer
- 21) PCR: PCR Workstation
- 22) TC: Thermocycler
- 23) TW: Twincubator

- 24) GT: GT Blot
- 25) HAO: Hot Air Oven
- 26) IN: Incubator
- 27) INS: Inspissator
- 28) AB: Analytical Balance
- 29) WB: Water Bath
- 30) pH: pH meter

Total Height: 11'9"
Beam : 2'
Total Height upto the Beam: 9'9"

Proposed TB Containment Lab at
Microbiology & Pathology Department of LSLAM, GMC Raigarh, 4th Floor



Proposed Room Description

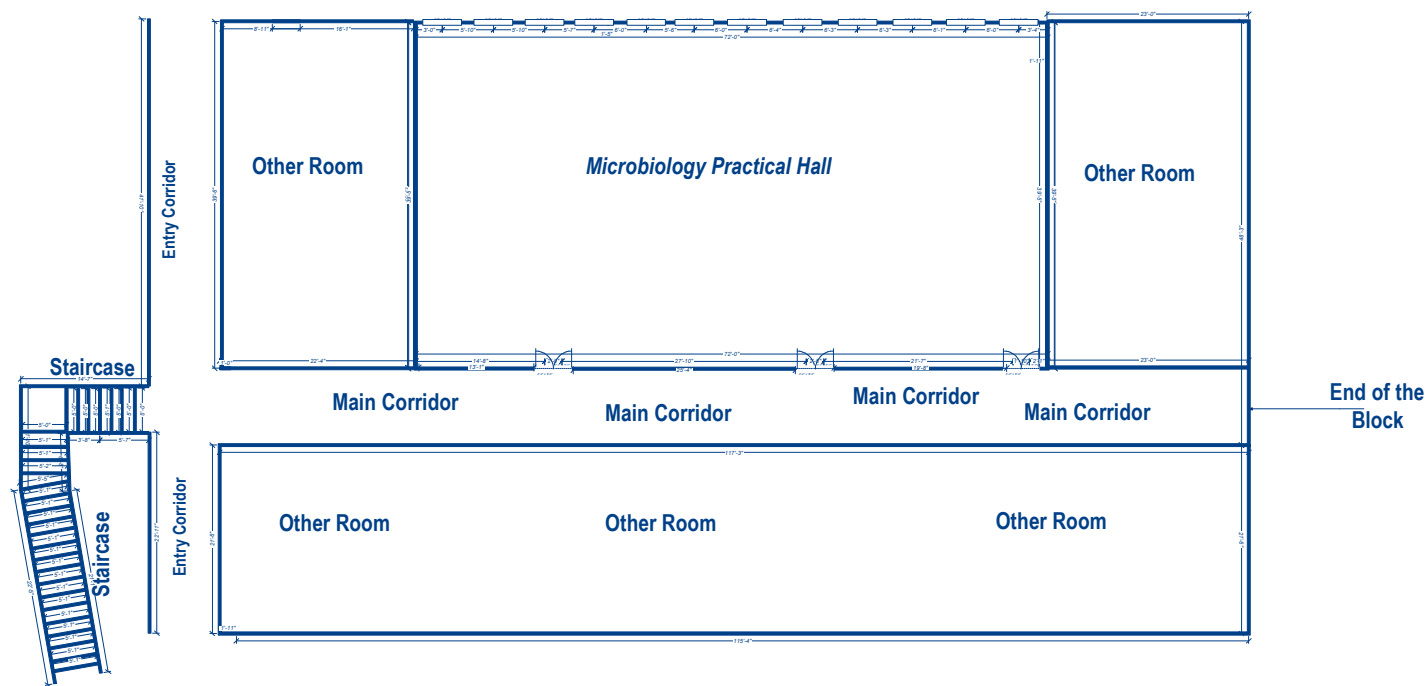
- 1)Room 7C: Proposed TB Containment Lab:26'6"(L)X 9'6"(W) & 8'6"(L)X7'10"(W)
- 2)Room 7A: Proposed Change Room(TB containment Lab):9'(L)X7'6"(W)
- 3)Room 7B: Proposed Ante Room(TB containment Lab):8'(L)X7'6"(W)

Total Height: 11'9"
Beam : 2'
Total Height upto the Beam:9'9"

- 1)SA: Split AC
- 2)PB: Pass Box
- 3)BSC: Biosafety Cabinet
- 4)MGIT: MGIT 960
- 5)RC: Refrigerated Centrifuge
- 6)RF: Refrigerator
- 7)STR: Storage Rack
- 8)SR: Shoe Rack
- 9)EW: Eye Wash
- 10)ES: Emergency shower
- 11)EE: Emergency Exit

Annexure_1

Existing Layout _Microbiology Practical Hall_1st Floor_VSS Medical College_Burla

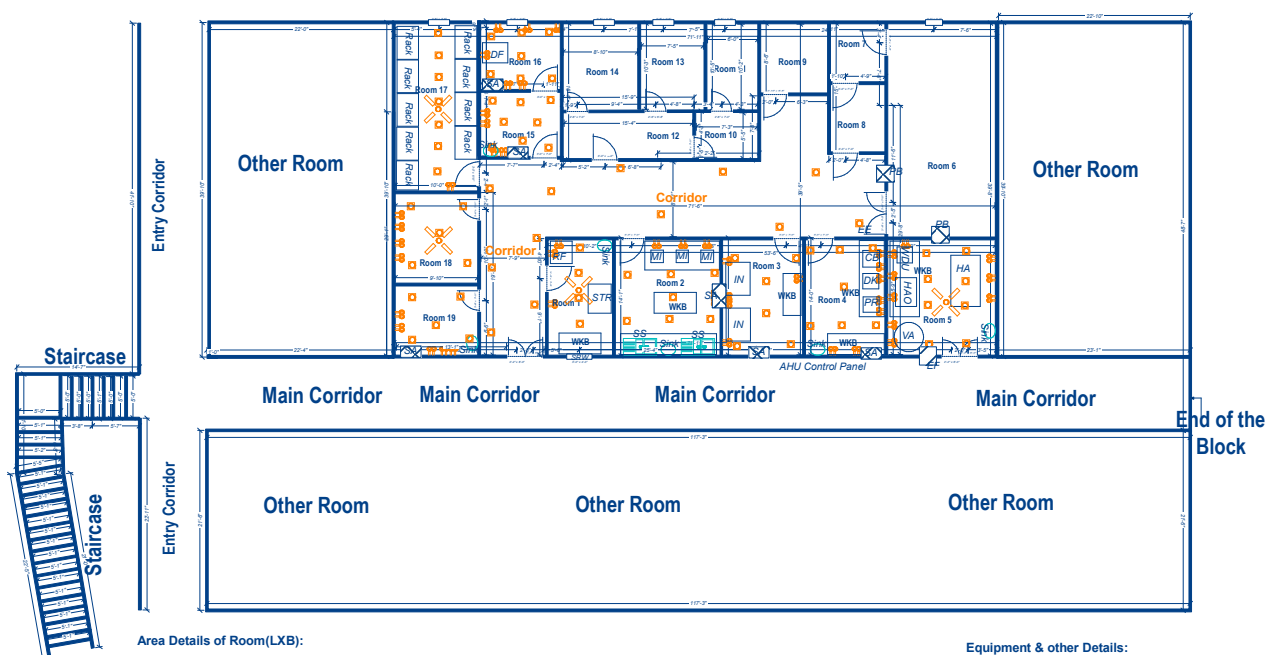


Area of Room (LXW):

- 1. Main Corridor : 8'(W)
- 2. Microbiology Practical Hall: 71'6"X 8'
- 3.Height of Ceiling: 14'
- 4.Beam(1,2,3,4): 39'5"X2'

Annexure_2

Layout of Proposed TB C& DST Lab _First Floor_Microbiology Department VSS Medical College_Burla



Area Details of Room(LXB):

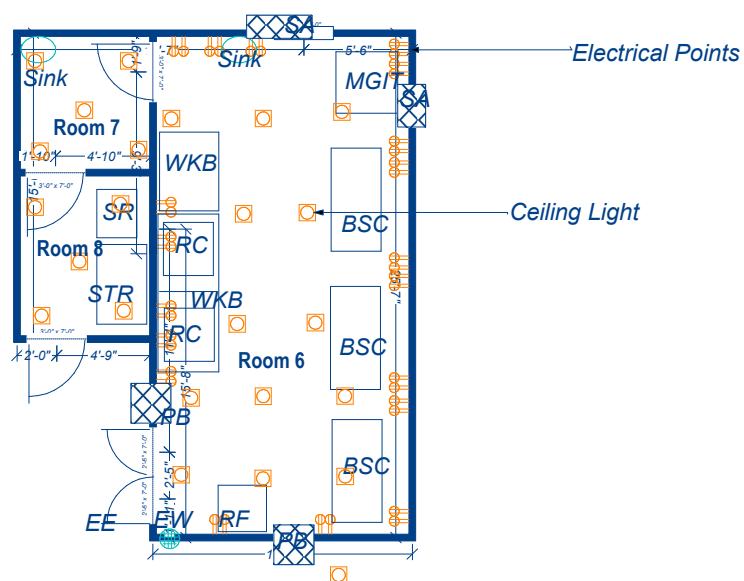
- 1.Room 1: Proposed Sample Reception Room: 13'8"X7'8"
- 2.Room 2: Proposed Microscopy & Staining Section:13'8"X12'5"
- 3.Room 3: Proposed Incubator & Culture Reading Room:13'8"X9'5"
- 4.Room 4: Proposed CBNAAT Room:13'8"X9'5"
- 5.Room 5: Proposed Autoclave Room:13'8"X12'9"
6. Room 6:Proposed TB Containment Lab:25'3"X12'9"
- 7.Room 7: Ante Room(Proposed TB Containment Lab):6'8"X6'6"
- 8.Room 8:Change Room(Proposed TB Containment Lab):8'X6'6"
- 9.Room 9:Proposed Walk in Cold Room:8'X8"
- 10.Room 10: Ante Room(Proposed Master Mix Room):7'3"X5'5"
- 11.Room 11:Proposed Master Mix Room:10'2"X6'
- 12.Room 12: Ante Room(Proposed Amplification &Hybridisation Room):15'4"X5'5"
- 13.Room 13: Proposed Amplification Room:10'2"X7'5"
- 14.Room 14: Proposed Hybridisation Room:10'2"X8'10"
- 15.Room 15: Proposed Staff Room:9'5"X7'7"
- 16.Room 16: Proposed Equipment Room:9'5"X7'7"
- 17.Room 17: Proposed Store Room:19'8"X9'10"
- 18.Room 18: Proposed Documentation,Reporting & Recording & LIMS Room:10'8"X9'10"
- 19.Room 19:Proposed Microbiologist Room:8'3"X9'10"
- 20.Width of Proposed Corridor: 8'

Equipment & other Details:

- 1.SRW:Sample Reception Windiow
- 2.RF: Refrigerator
- 3.MI:Microscope
- 4.SS:Staining Station
- 5.IN: Incubator
- 6.CB:CBNAAT Machine
- 7.DK:Desktop
- 8.PR:Printer
- 9.HA:Horizontal Autoclave
- 10.HAO:Hot Air Oven
- 11.VA:Vertical Autoclave
- 12.WDU:Water Distillation unit
- 13.SR:Storage Rack
- 14.SR:Shoe Rack
- 15.DF:Deep Freezer
- 16.SA:Split AC
- 17.EF:Exhaust Fan
- 18.WKB:Work Bench

Annexure_3

Layout of Proposed TB Containment Lab_First Floor_Microbiology Department VSS Medical College_Burla



Area of Rooms(LXB):

1. Room 6: Proposed TB Containment Lab: 25'3" X 12'9"
2. Room 7: Ante Room (Proposed TB Containment Lab): 6'8" X 6'6"
3. Room 8: Change Room (Proposed TB Containment Lab): 8' X 6'6"

Equipment & other Details:

1. BSC: Biosafety Cabinet
2. SA: Split AC
3. MGIT: MGIT 960 Machine
4. RC: Refrigerated Centrifuge
5. RF: Refrigerator
6. WKB: Workbench
7. PB: Pass Box
8. STR: Storage Rack
9. SR: Shoe Rack
10. WKB: Workbench
11. EW: Eye Wash
12. EE: Emergency Exit