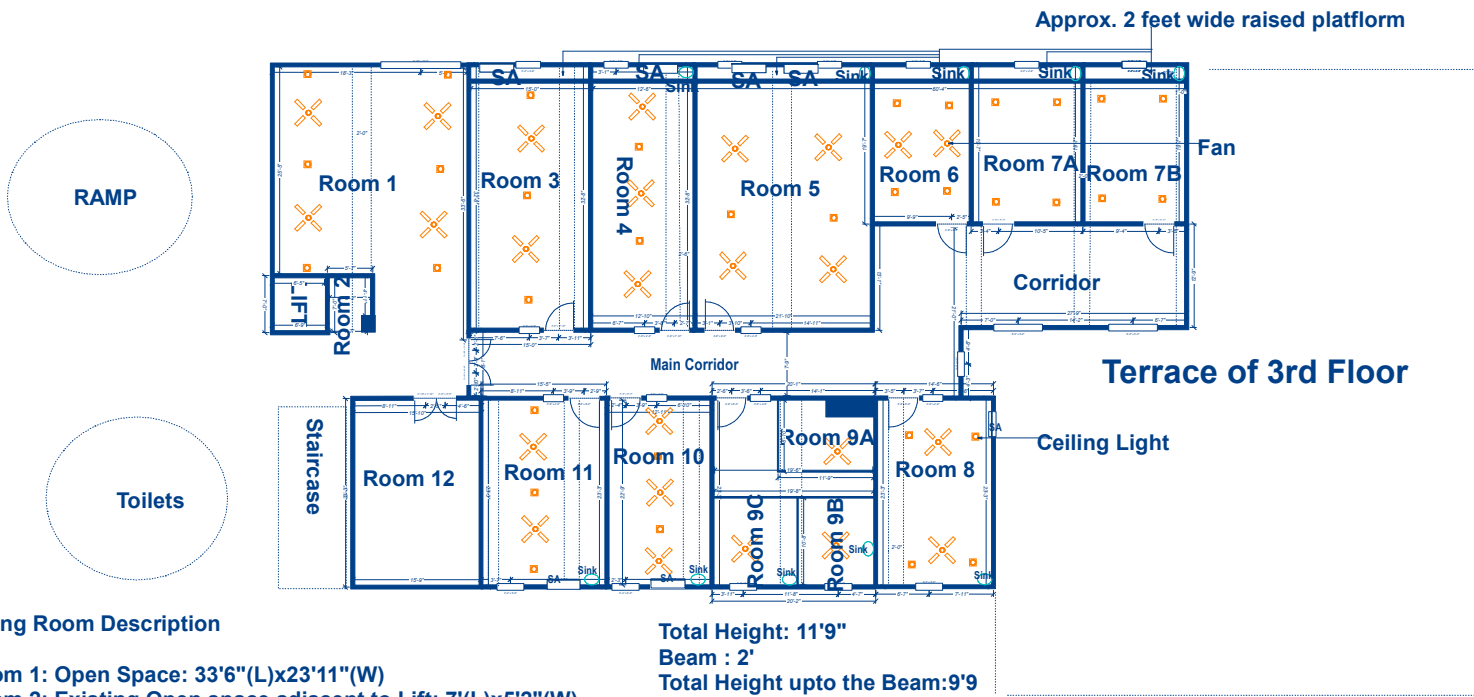


Existing Lab Layout of Microbiology & Pathology Department of LSLAM, GMC Raigarh, 4th Floor

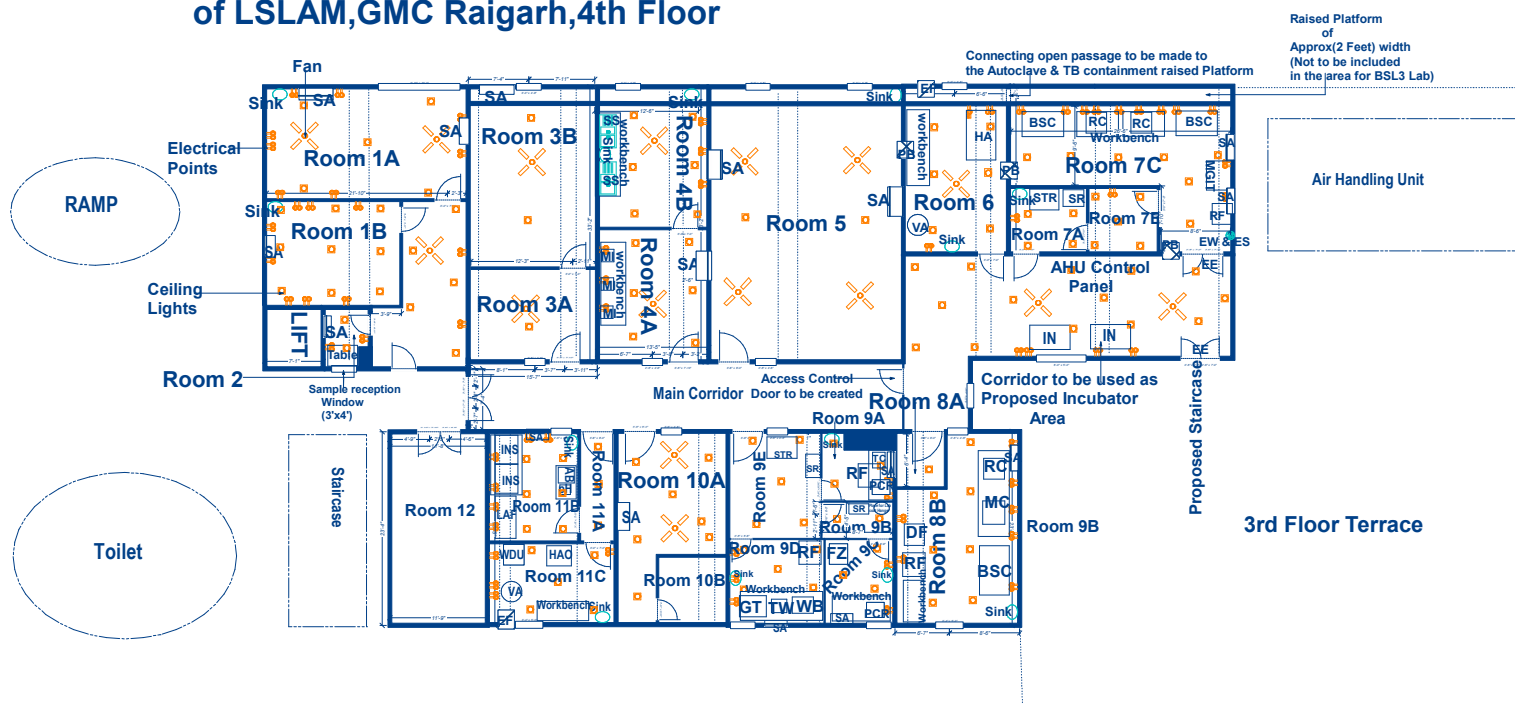


Existing Room Description

- 1) Room 1: Open Space: 33'6"(L)x23'11"(W)
- 2) Room 2: Existing Open space adjacent to Lift: 7'(L)x5'2"(W)
- 3) Room 3: Existing Serology : 32'8"(L)x15'(W)
- 4) Room 4: Existing Tuberculosis : 32'8"(L)x12'10"(W)
- 5) Room 5: Existing Bacteriologist : 32'8"(L)x23'2"(W)
- 6) Room 6: Existing Media : 19'7"(L)x12'2"(W)
- 7) Room 7A: Existing Washing : 19'7"(L)x13'9"(W), Available: 17'7"(L)x13'9"(W)
- 8) Room 7B: Existing Autoclave : 19'7"(L)x12'9"(W), Available: 17'7"(L)x12'9"(W)
- 9) Room 8: Existing Mycology : 22'9"x14'5"
- 10) Existing Virology : 22'9"(L)x19'9"(W)
 - a) Room 9A: 8'5"(L)x8'(W)
 - b) Room 9B: 10'(L)x8'(W)
 - c) Room 9C: 10'(L)x12'(W)
- 11) Room 10: Existing Immunology : 22'9"x12'11"
- 12) Room 12: Existing Parasitology : 22'9"x15'
- 13) Room 13: Existing Electrical
- 14) Corridor: 26'(L)x12'(W)

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

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



Proposed Room Description

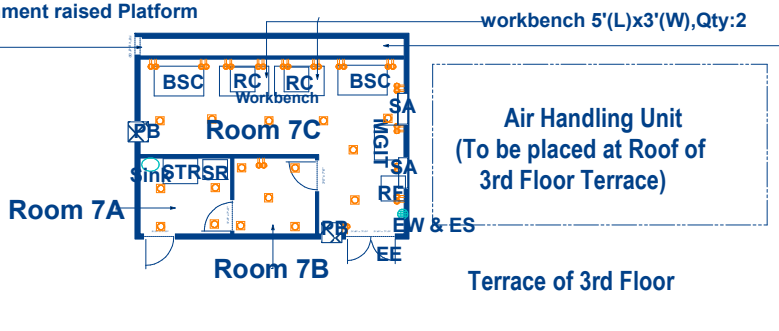
- 1) Room 1A: Proposed Staff & Conference Room: 23'11"(L)x13'3"(W)
- 2) Room 1B: Proposed LIMS, Data Entry Operator and Microbiologist Room: 16'(L)x12'6"(W)
- 3) Room 2: Proposed Sample Reception Room: 7'(L)x5'2"(W)
- 4) Room 3A: Proposed Immunology Room: 11'(L)x15'(W)
- 5) Room 3B: Proposed Serology 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

Connecting open passage to be made to
the Autoclave & TB containment raised Platform



Raised Platform
of
Approx(2 Feet) width
(not to be included
within the TB Containment Facility)

Description:

- 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

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"