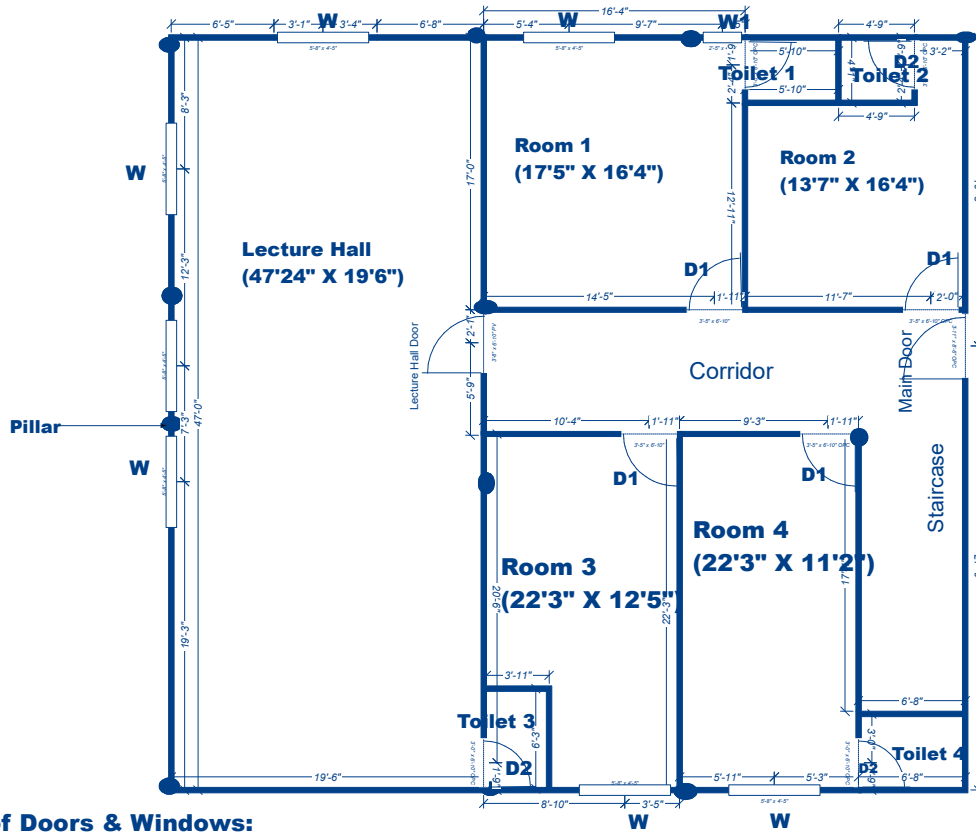


**Existing Facility (Lecture Hall)
Pulmonary Department (Ground Floor)
at S.V.R.R. Medical College, Tirupathi**



Dimensions of Doors & Windows:

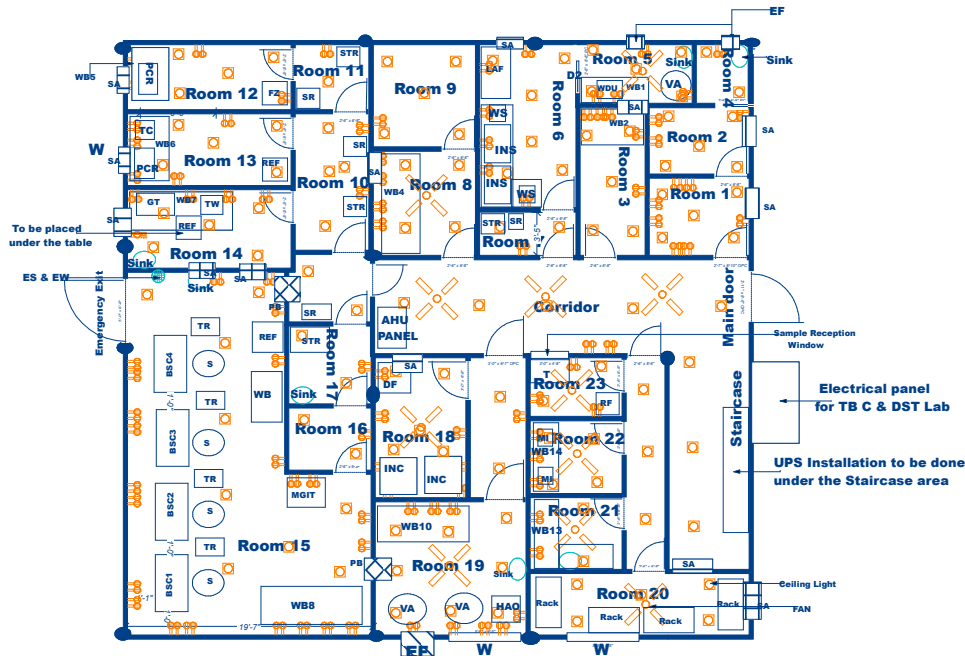
- Main Door: 3'9" X 8'5"**
- Lecture hall door: 3'7" X 6'8"**
- D1: 3'4" X 6'8"**
- W: 5'7" X 4'4"**
- W1: 2'4" X 4'4"**
- Toilet 1: 5'1" x 4'1"**
- Toilet 2: 4'9" X 4'1"**
- Toilet 3: 6'3" X 3'9"**
- Toilet 4: 6'8" X 4'9"**

Dimensions of Room:

- 1. Lecture Hall: 47'2" X 19'6"**
- 2. Room1 : 17'5" X 16'4"**
- 3. Room2: 13'7" X 16'4"**
- 4. Room3: 22'3" X 12'5"**
- 5. Room4: 22'3" X 11'2"**

Total Ceiling Height (Including Beam): 10'
Dimension of Beam (Lecture hall): 2'5" X 19'6"

**Proposed Lab Layout for TB C&DST Laboratory
Pulmonary Department(Ground Floor)
SVRR Medical College_ Tirupathi**



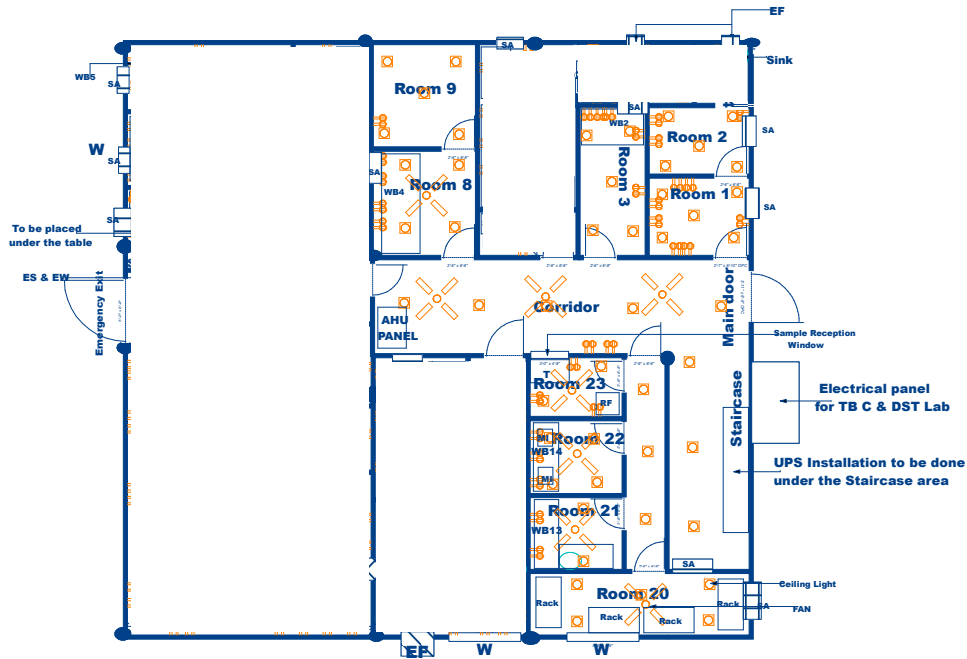
Description:

- 1) EF: Exhaust Fan
- 2) VA: Vertical Autoclave
- 3) SA: Split AC
- 4) WDU: Water Distillation Unit
- 5) WB: Work Bench
- 6) WS: Weighing scale
- 7) INS: Inspissator
- 8) PCR WS: PCR Work Station
- 9) FZ: Freezer -20
- 10) TC: Thermo Cycler
- 11) REF: Refrigerator
- 12) GT: GT Blot
- 13) TW: Twincubator
- 14) BSC: Bio Safety cabinet
- 15) EW&ES: Eye Wash & Emergency Shower
- 16) S: Stool
- 17) TR: Trolley
- 18) PB: Pass Box
- 19) INC: Incubator
- 20) HA: Horizontal Autoclave
- 21) T: Table
- 22) DF: Deep Freezer (-80)
- 23)MGIT: MGIT 960
- 24)STR: Storage Rack
- 25)SR: Shoe Rack
- 26)HAO: Hot Air Oven
- 27)LAF: Laminar Air Flow

Dimensions of Proposed Rooms:

- 1) Room 1: Proposed Staff Room: 7'10" X 6'
- 2) Room 2: Proposed Microbiologist Room: 7'10" X 5'2"
- 3) Room 3: Proposed Genexpert Room: 5' X 11'6"
- 4) Room 4: Proposed Staff Toilet: 4' X 4'6"
- 5) Room 5: Proposed Sterilization Room:8'10 X 4'6"
- 6) Room 6: Proposed Media Room: 7'6" X 12'10"
- 7) Room 7: Proposed Ante Room for Media room: 7'6" X 3'6"
- 8) Room 8: Proposed LIMS and DEO Room: 8' X 8'4"
- 9) Room 9: Proposed Walk in cold Room: 8' X 8'
- 10) Room 10: Proposed Ante room for Amplification and Hybridization Room: 11'3" X 5'9"
- 11) Room 11: Proposed Ante room for Master Mix Room: 5'9" X 5'
- 12) Room 12: Proposed Master Mix Room: 12'10" X 5'
- 13) Room 13: Proposed Amplification Room: 12'10" X 5'7"
- 14) Room 14: Proposed Hybridization Room: 12'10"x 6'
- 15) Room 15: Proposed TB Containment Lab: 19'3"x12'7"+12'4"x15'11"
- 16) Room 16: Proposed Ante Room for TB Containment Lab: 4'10" X 6'5"
- 17) Room 17: Proposed Change Room for TB Containment Lab: 6' X 6'5"
- 18) Room 18: Proposed Culture Reading and Incubator Room: 11'X 7'
- 19) Room 19: Proposed Autoclave and Washing Section: 11'10" X 10'5"
- 20) Room 20: Proposed Store Room: 4'9" X 17'4"
- 21) Room 21: Proposed Staining Room: 7'3" X 5'6"
- 22) Room 22: Proposed Microscopy Room: 7'3" X 6'
- 23) Room 23: Proposed Sample collection Room: 7'3" X 4'7"

**Proposed Lab Layout for TB C&DST Laboratory
Pulmonary Department(Ground Floor)
SVRR Medical College_ Tirupathi**



Dimensions of Proposed Rooms:

- 1) Room 1: Proposed Staff Room: 7'10" X 6'
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