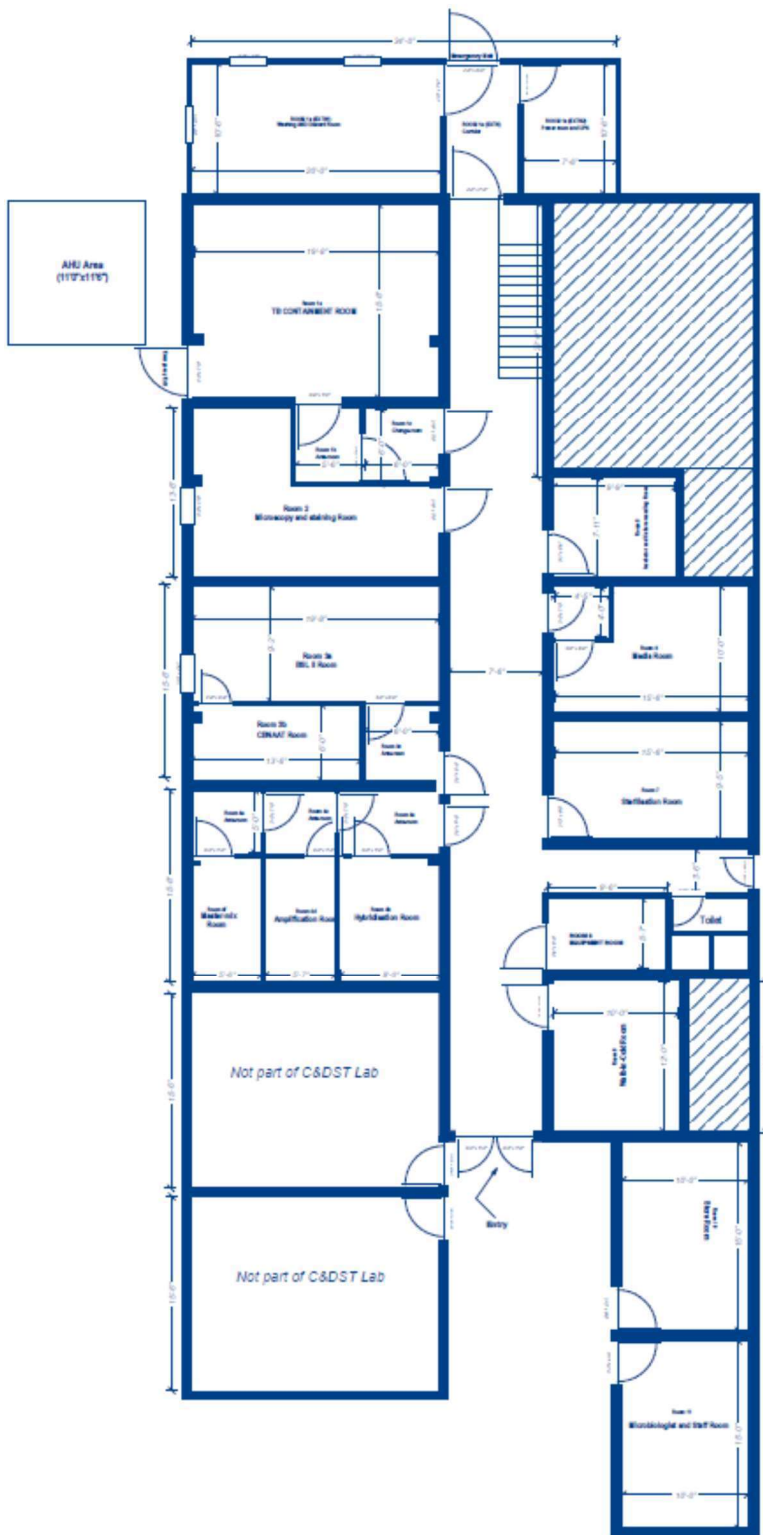


h. Lab Layout/ Drawings (Sch. No. X – Narayan Medical College (NMC), Rohtas, Bihar)

**Existing Layout,
Narayan Medical College, Sasaram, Rothas, Bihar**



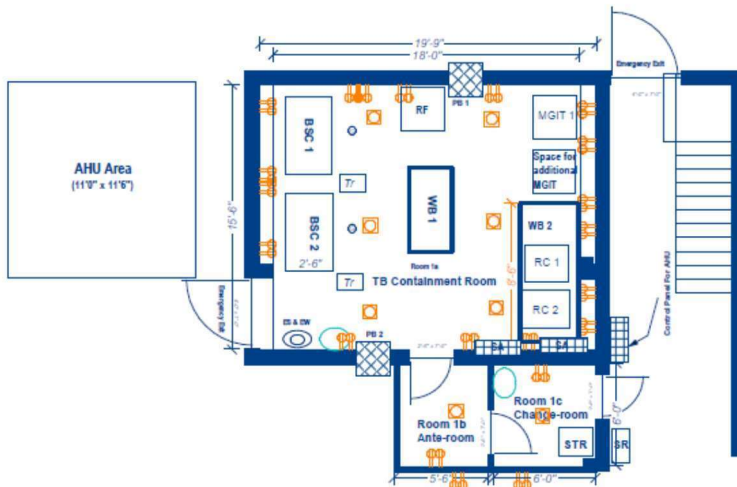
**Proposed C&DST Lab, Sasaram
Narayana Medical College, Sasaram, Rothas, Bihar.**



Room Dimensions:

- Room 1(a) (EXTN1) (WASHING AND DISCARD ROOM): 19'10" x 10'6"
- Room 1(a) (EXTN2) (POWER and UPS ROOM): 7'8" x 10'8"
- Room 1(a) (TB CONTAINMENT ROOM): 19'10" x 15'6"
- Room 1(b) (ANTE ROOM): 5'8" x 8'0"
- Room 1(c) (CHANGE ROOM): 6'0" x 6'0"
- Room 2 (MICROSCOPY AND STRAINING ROOM): "L" Shaped
 "I" Shape: 12'0" x 7'3"
 "J" Shape: 8'0" x 13'6"
- Room 3(a) (BSL II ROOM): 19'10" x 7'3"
- Room 3(b) (CBNAAT ROOM): 3'6" x 9'8"
- Room 3(c) (ANTE ROOM): 10'4" x 9'0"
- Room 4(a) (ANTE ROOM): 8'0" x 5'0"
- Room 4(b) (HYBRIDISATION ROOM): 8'0" x 10'8"
- Room 4(c) (ANTE ROOM): 5'7" x 5'0"
- Room 4(d) (AMPLIFICATION ROOM): 5'7" x 10'8"
- Room 4(e) (ANTE ROOM): 5'6" x 5'0"
- Room 4(f) (MASTER-MIX ROOM): 5'8" x 10'6"
- Room 5 (INCUBATOR AND CULTURE READING ROOM): 9'10" x 8'0"
- Room 6 (MEDIA ROOM): 15'8" x 10'0"
- Room 7 (STERILISATION ROOM): 15'8" x 9'8"
- Room 8 (EQUIPMENT ROOM): 9'8" x 8'0"
- Room 9 (WALK IN COLD ROOM): 10'0" x 12'0"
- Room 10 (MEDIA ROOM): 10'0" x 15'0"
- Room 11 (MICROBIOLOGIST AND STAFF ROOM): 15'0" x 10'0"

Proposed layout for TB Containment Layout Narayan Medical College, Sasaram, Rothas, Bihar



TB Containment Lab Furniture and others:

PB: Pass-Box (2' x 2') (2 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
 RC: Refrigerator Centrifuge

Room Dimensions:

Room 1(a) (TB CONTAINMENT ROOM): 19'10" x 15'6"
 Room 1(b) (ANTE ROOM): 5'6" x 6'0"
 Room 1(c) (CHANGE ROOM): 6'0" x 6'0"

WB 1a: Work Bench (LxWxH) (5'0" x 2'6" x 2'6"): TB Containment Room
 WB 1b: Work Bench (LxWxH) (8'6" x 2'6" x 2'6"): TB Containment Room

Additional Work:

1. Closing of existing door to Room 1.
2. Creation of door on the southern wall of Room 1 such that the entry to the lab through Ante-room as shown in the layout.
3. Creation of door on the western wall of Room 1 for emergency exit as shown in the layout.
4. Creation of Platform over the drain outside the Emergency Exit.
4. Creation of platform for AHU as shown in the layout.