

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS), ANSARI NAGAR,  
NEW DELHI**

**Tender**

**For**

**Augmentation of Plumbing Works of existing PC & Teaching Block for AIIMS within AIIMS  
campus, Ansari Nagar, New Delhi**

**Volume-VI**

**Tender Drawings**

**April' 2014**

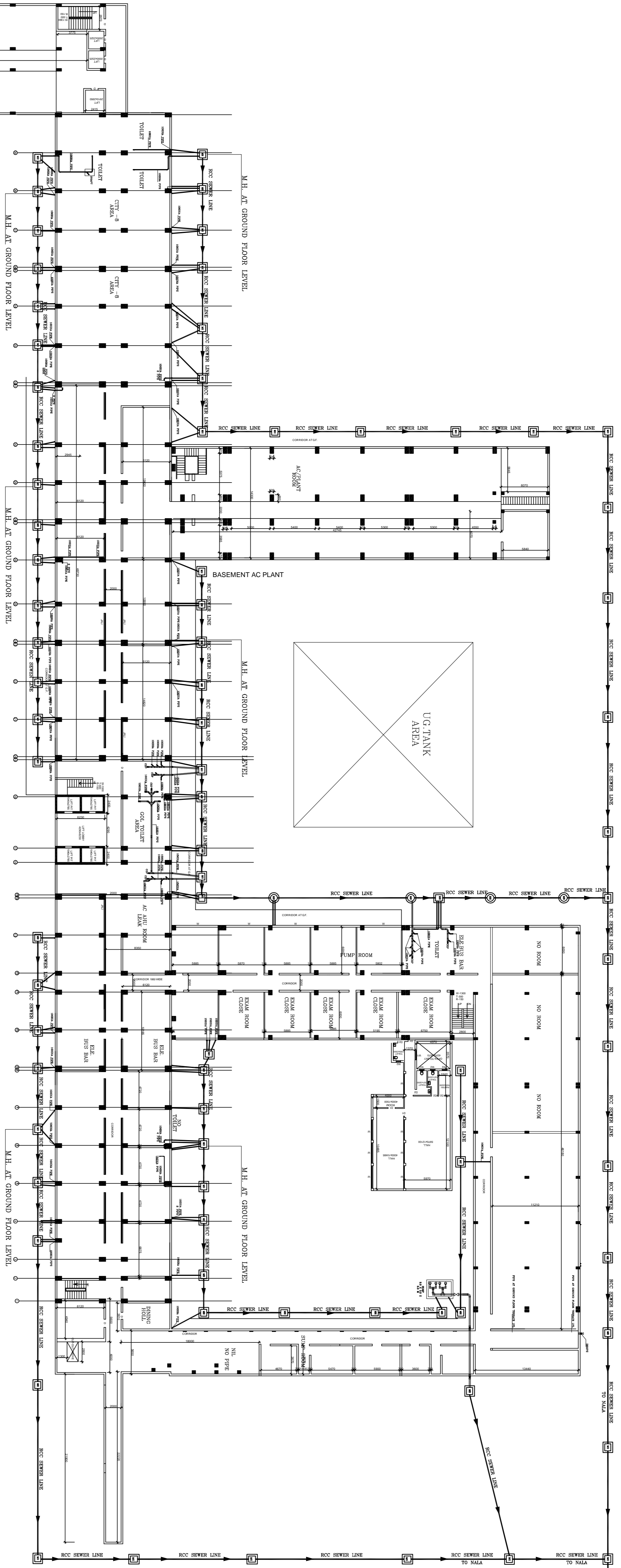


**HSCC (INDIA) LTD.  
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**Tender No. HSCC/AIIMS/BU-II/PL/2014**



PROPOSED BUILDING

BASEMENT PLAN

- NOTES**
1. ATTENDING / CONSULTING ENGINEERING THE SOIL & WASTE PIPE LINE OF EXISTING PLUMBING SYSTEM SHALL BE REMOVED AND SHALL BE RE-ENTERING INTO THE BASEMENT.
  2. CONSTRUCTION OF SUMP & PUMP DISPOSAL OF COURTYARD ADAM RE-ENTERING INTO THE BASEMENT.
  3. CHANGE IN THE EXISTING POSSIBLE STAKES FROM GROUND FLOOR CEILING/WINDOW CILL LEVEL TO OUTSIDE/COURTYARD SEWER LINE.
  4. REPLACING THE GROUND FLOOR BREAKAGE PIPE.
  5. ROOM NO. OF THE EXISTING WALLS WHEREVER SEWERAGE IS OCCURRING TO BE REMOVED AND THE NEW EXTERNAL SEWER LINE IN PROPER SLOPE IN A SYSTEMATIC WAY.
  6. REMOVING ALREADY ABANDONED PIPES FROM BASEMENT.
  7. OPENING THE PIPE SHAFT AT GROUND FLOOR AND REPAIRING THE SAME AFTER ATTENDING THE STAKES REPAIR/REPLACEMENT OF WATER SUPPLY LINE WHICH NEED TO BE CARRIED IN VIEW OF EXISTING SPECIFIC CONDITION.
  8. REPAIRING THE MAINTENANCE AREA TO MINIMIZE THE DISTURBANCE AND WALL TILES IN SOME SPECIAL AREAS.
  9. REPLACING THE EXTERNAL SEWER LINE TO SUITABLE POINT TOWARD INFLUENT/ST.

**LEGEND:**

1	100 Ø CI SOIL & VENT PIPE
2	100Ø CI WASTE & VENT PIPE
3	100Ø CI SOIL PIPE
4	100Ø CI WASTE PIPE
5	50Ø UPVC SOIL PIPE
6	40Ø UPVC WASTE PIPE
7	32Ø UPVC WASTE PIPE
8	Ø 175/DN.TAKE
9	Ø 175/DN.TAKE
10	100 Ø S.W. PIPE
11	100 Ø R.W. PIPE
FT	FLOOR TRAP 100x100
FD	FLOOR DRAIN 50Ø
FCO	FLOOR CLEAN OUT
COP	CLEAN OUT PLUG
∇	VALVE
MH	MANHOLE (900x800)mm
GT	GULLY TRAP(900x300)mm

**KEY PLAN**

**NOTES**

1. THE DRAWING IS PREPARED BASED ON OBSERVATIONS MADE DURING THE VISIT OF LIMITED EXPOSED PARTS AND INFORMATION OBTAINED FROM AIMS STAFF.
2. PLUMBING WORKS SHALL BE DONE AS PER ACTUAL SITE CONDITIONS OF EXISTING PLUMBING SYSTEM AND SHOULD BE CO-ORDINATED WITH OTHER SERVICES.

**Agumentation of Plumbing System of EX. P.C. & Teaching Block For All India Institute of Medical Science New-Delhi**

**TENDER**

**TITLE PLUMBING DWG.**

**BASEMENT FLOOR PLAN SHOWING PROPOSED PLUMBING SYSTEM I**

**HSCC/E/AIMS/PC-BLOCK/PL-1**

Drawing No. 1:200  
 Job No. Scale 28-06-2012  
 Date:

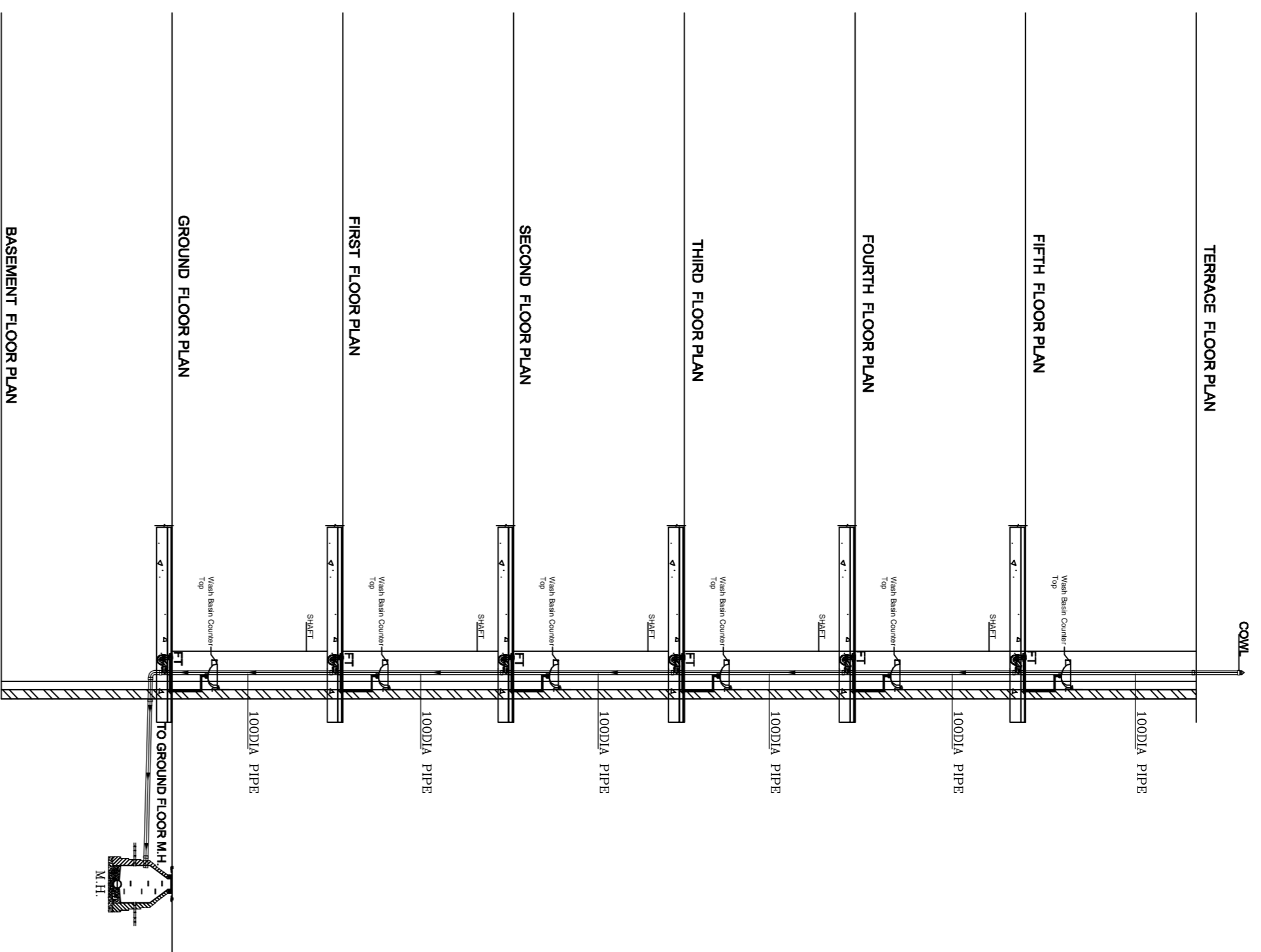
R.TYAGI R.SUR S.BHATT  
 App. By. Rev. By. Prep. By.

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 NEW DELHI INDIA

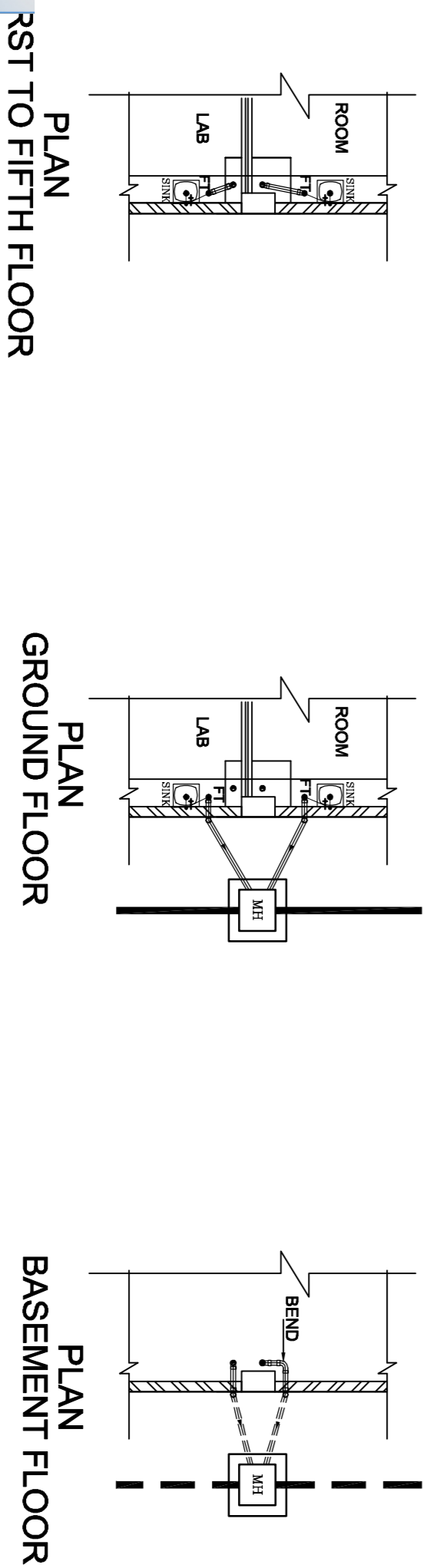
**NORTH**

This drawing with all its contents is the sole property of the Hospital Services Consultancy Corporation (HSCC) Ltd. Copying of this drawing without the written permission of HSCC is prohibited.

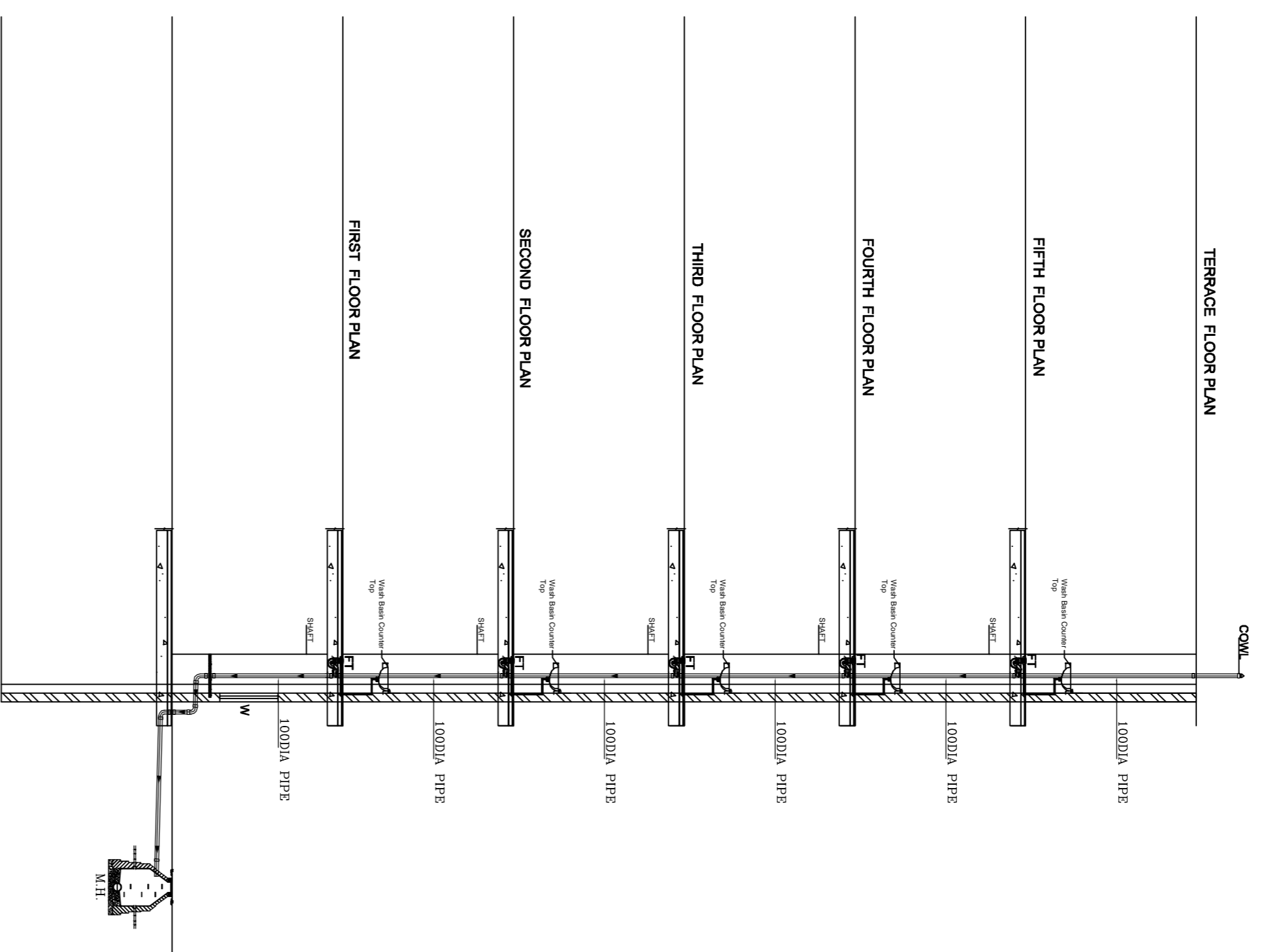
## TYPICAL EXISTING DETAILS OF AIMMS LAB DISPOSAL SYSTEM



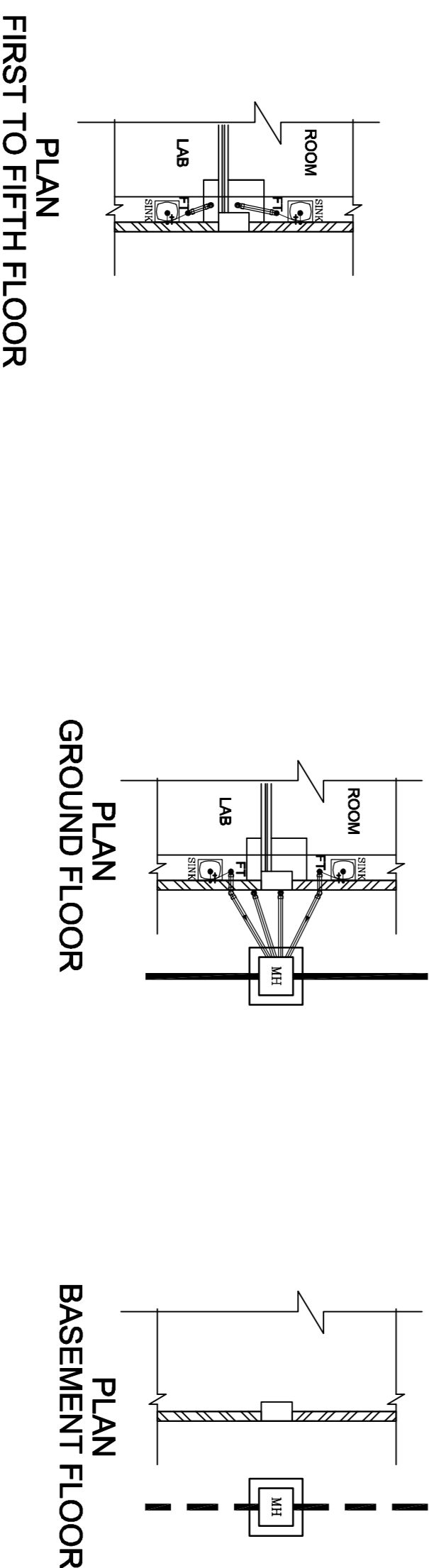
## EXISTING TYPICAL STACK SECTION



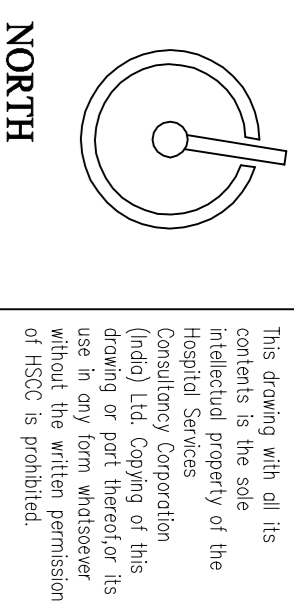
## TYPICAL PROPOSED DETAILS OF AIMMS LAB DISPOSAL SYSTEM



## PROPOSED MODIFIED TYPICAL STACK SECTION



- NOTES**
1. ATTENDING / CHANGING / INVERTING THE SOIL & WASTE PIPE LINE OF EXISTING BASEMENT TO AS PER ALL EXISTING AND SO EXISTING AGAIN.
  2. RE-CHANGING TO AS PER ALL EXISTING AND SO EXISTING AGAIN.
  3. CHANGE IN THE EXISTING POSSIBLE STACKS FROM GROUND FLOOR TO BASEMENT.
  4. CHANGE WINDOW GEL LEVEL TO GROUND/QUARTERED STACK LINE.
  5. REMOVING THE EXTERNAL WALLS WHEREVER SERVICE IS OCCUPANCY FROM OUTSIDE.
  6. RETAINING/ALTERING THE NEW EXTERNAL SLOPE LINE IN PROPER SLOPE.
  7. REMOVING ALREADY ABANDONED PIPES FROM BASEMENT.
  8. OPENING THE PIPE SHAFT AT GROUND FLOOR AND REMOVING THE SAME AFTER ATTENDING THE STACKS REPAIR/REPLACEMENT.
  9. REPLACING/REPAIRING THE VALVING AND OPENING OF WATER SPECIFIC CONDITION.
  10. BARBICORDING THE MAINTENANCE AREA TO MINIMIZE THE DISTURBANCE AND WALL TIES IN SAME SPECIFIC AREAS.
  11. REPAIR OF SLOPE AREA OF TOLERANCE HERE AND FITTINGS/FLOOR AND WALL TIES IN SAME SPECIFIC AREAS.
  12. ALL EXISTING EXTERNAL STACK LINE TO SHIFTABLE FROM TOWARD NEARBY/STEP.



- NOTES**
1. THE DRAWING IS PREPARED BASED ON OBSERVATIONS MADE DURING SITE VISIT OF LIMITED EXPOSED PARTS AND INFORMATION OBTAINED FROM AIMS STAFF.
  2. PLUMBING WORKS SHALL BE DONE AS PER ACTUAL SITE CONDITIONS OF EXISTING PLUMBING SYSTEM AND SHOULD BE CO-ORDINATED WITH OTHER SERVICES.

### LEGEND:

1	100 Ø CI SOIL & VENT PIPE
2	100Ø CI WASTE & VENT PIPE
3	100Ø CI SOIL PIPE
4	100Ø CI WASTE PIPE
5	50Ø UPVC SOIL PIPE
6	40Ø UPVC WASTE PIPE
7	32Ø UPVC WASTE PIPE
8	Ø 17W DNTAKE
9	Ø 17W DNTAKE
10	100 Ø S.W. PIPE
11	100 Ø R.W. PIPE
FT	FLOOR TRAP 100X100
FD	FLOOR DRAIN 50Ø
FCO	FLOOR CLEAN OUT
COP	CLEAN OUT PLUG
∇	VALVE
MH	MANHOLE (900X800)mm
GT	GULLY TRAP(300X300)mm

### PROJECT

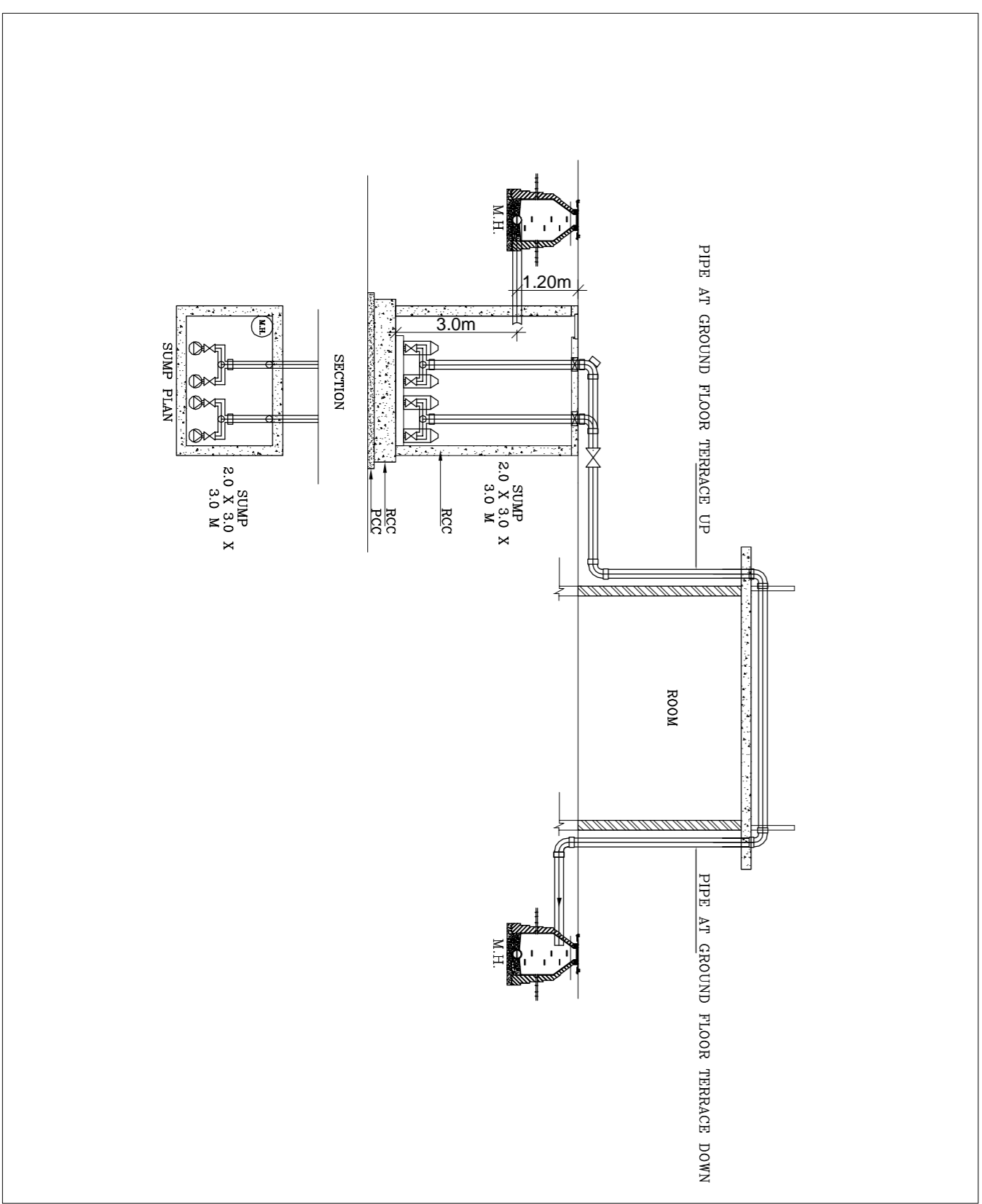
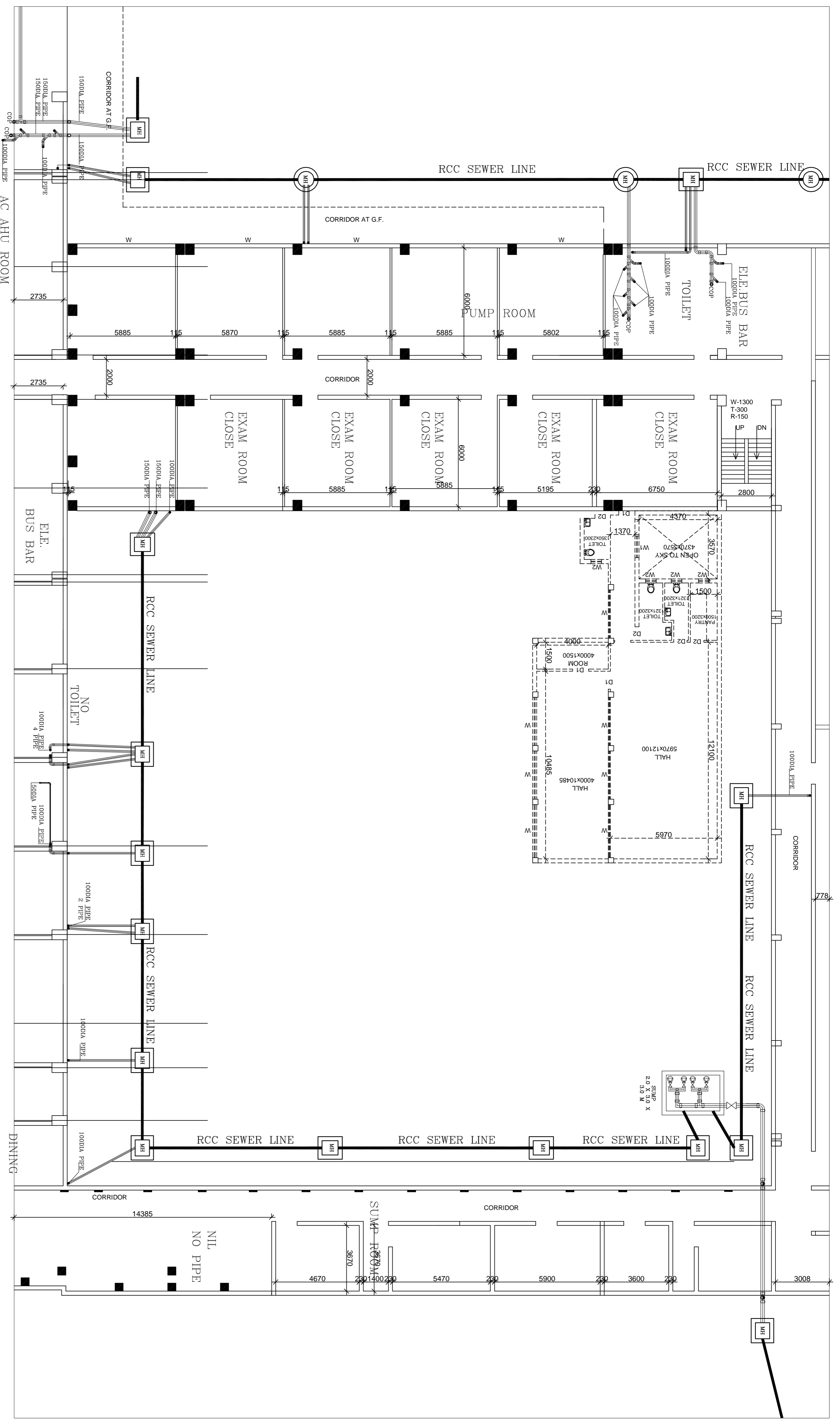
Agumentation of Plumbing  
System of  
EX. P.C. & Teaching Block  
For  
All India Institute of  
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New-Delhi

### TITLE PLUMBING DWG.

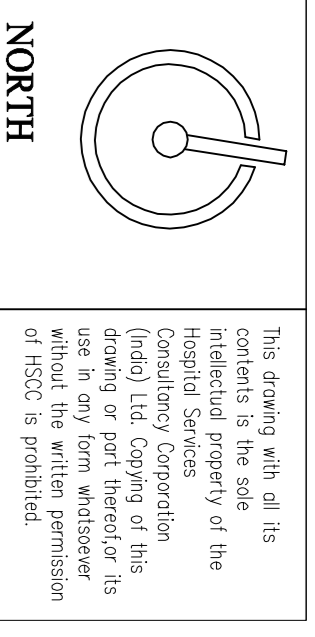
TENDER  
TYPICAL EXISTING/  
PROPOSED  
DETAILS OF AIMMS LAB  
DISPOSAL SYSTEM  
OPTION-2

Drawings No.	HISCC/RE/AIMS/P-C/BLACK/PL-	
Job No.	NTS	28-06-2012
Scale		
App. By.	R.TYAGI	R.SUR
Rev. By.		S.BHATT
Prep. By.		

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NEW DELHI  
INDIA



- NOTES**
1. ATTENDING / CHARGING / OVERSEEING THE SOIL & WASTE PIPE LINE OF EXISTING BASEMENT TO STOP ALL LEAKAGE AND SERVICE.
  2. CONSTRUCTION OF SUMP BASEMENT TO BE DONE AS PER DRAWING AND TO BE APPROVED BY THE ARCHITECT.
  3. CHANGE IN THE EXISTING POSSIBLE STAIRS FROM GROUND FLOOR TO BE DONE AS PER ARCHITECT'S DRAWING.
  4. REPAIRING THE GROUND FLOOR BRANCHED PIPE.
  5. REPAIRING THE EXISTING WALLS WHEREVER SERVICE IS OCCURRING IN A SYSTEMATIC WAY.
  6. REPAIRING/CHANGING THE NEW EXTERNAL SEWER LINE IN PROPER SLOPE IN A SYSTEMATIC WAY.
  7. REMOVING ALL/OVER EXISTING PIPES FROM BASEMENT.
  8. AFTER ATTENDING THE SEWER SERVICE/REPAIR/REPLACEMENT SAFELY LINE WHICH NEED TO BE CARRIED IN VIEW OF EXISTING.
  9. REPAIRING/REWORKING THE MAKE/FITTING AND PORTION OF WATER SERVICE LINE WHICH NEED TO BE CARRIED IN VIEW OF EXISTING.
  10. SANITIZING THE MAINTENANCE AREA TO MINIMIZE THE DISTURBANCE AND WALL TILES IN SOME SPECIFIC AREAS.
  11. REPAIR OF SUNKEN AREA OF TOILET/CHIEF PIPE AND FITTING/STAIR AND WALL TILES IN SOME SPECIFIC AREAS.
  12. REPLACE THE EXTERNAL SEWER LINE TO SUITABLE POINT TOWARD WASTEWATER.



- NOTES**
1. THE DRAWING IS PREPARED BASED ON OBSERVATIONS MADE DURING SITE VISIT OF LIMITED EXPOSED PARTS AND INFORMATION OBTAINED FROM AGENCIES START.
  2. PLUMBING WORKS SHALL BE DONE AS PER ACTUAL SITE CONDITIONS OF EXISTING PLUMBING SYSTEM AND SHOULD BE CO-ORDINATED WITH OTHER SERVICES.

**LEGEND:**

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FCO	FLOOR CLEAN OUT
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**PROJECT**

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**TITLE PLUMBING DWG.**

**TENDER PROPOSED SUMP DETAILS SUMP PLAN / SECTION**

HSCC/KA/E/AM/MS/P-C/BLACK/PL-	
Drawing No.	NTS
Job No.	Scale
App. By.	Rev. By
R.TYAGI	R.SUR
Prep. By	S.BHATT
Date:	28-06-2012

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