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**NOTES**

1. ALL DIMENSIONS ARE IN mm & LVLS IN m.
2. READ IN CONJUNCTION WITH RELEVANT ARCH. DRG.
3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS, THE SLAB TOP LEVEL TO BE WORKED OUT SUITABLY CONSIDERING FLOOR FINISH THICKNESS.
4. CLEAR COVER OF R/F TO BE AS BELOW:-  
 COLUMN = 40mm  
 BEAM = 25mm  
 SLAB = 20mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK AS PER IS:456-2000
6. ALL R/F BARS TO BE Fe500 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR Ø. ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT.
8. DEVELOPEMENT LENGTH = 50xBAR Ø.
9. REFER DRG. NO. HSCC/163/D&E/ST-100 FOR DETAILING.
10. FOOTING IS DESIGNED AT DEPTH OF 1.5 M. FOR SBC OF 320 KN/sq. m AS PER SOIL REPORT.

REV.	DATE	DESCRIPTION

**REVISION**

**PROJECT**

**Proposed 100 Bedded Hospital at Mandi Town, HP**

**TITLE**

NRHM PROJECT

**TENDER DRAWING**

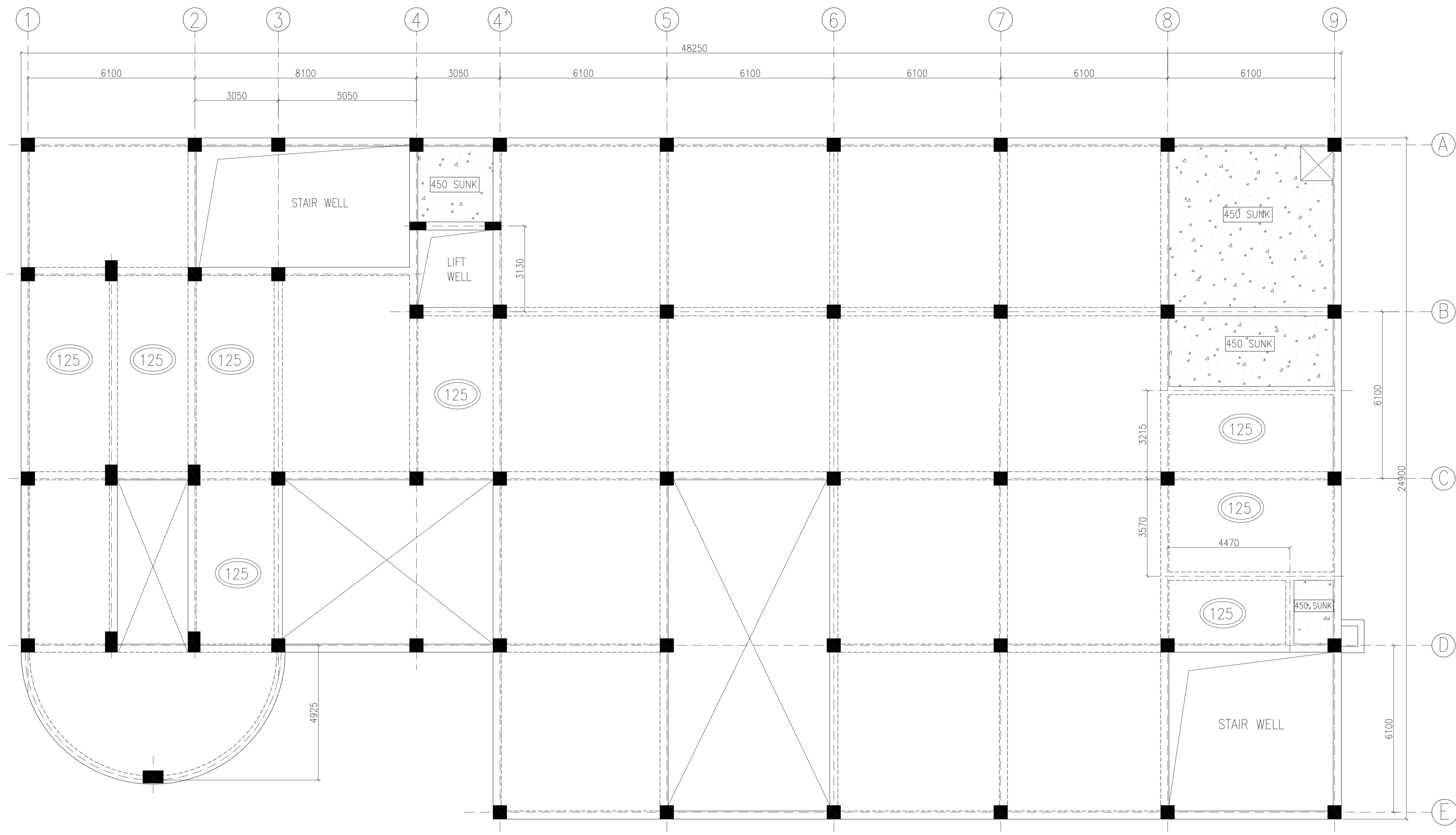
THIRD FLOOR BEAM FARMING PLAN  
 HSCC/167/004/TEN.DRW./ST-

Drawing No. REV. 0

HSCC/167	1:75	APR.-2014
<b>JOB No.</b>	<b>SCALE</b>	<b>DATE</b>
IIT-DELHI	HSCC	HSCC
<b>APPROVED</b>	<b>REVIEWED</b>	<b>PREPARED</b>

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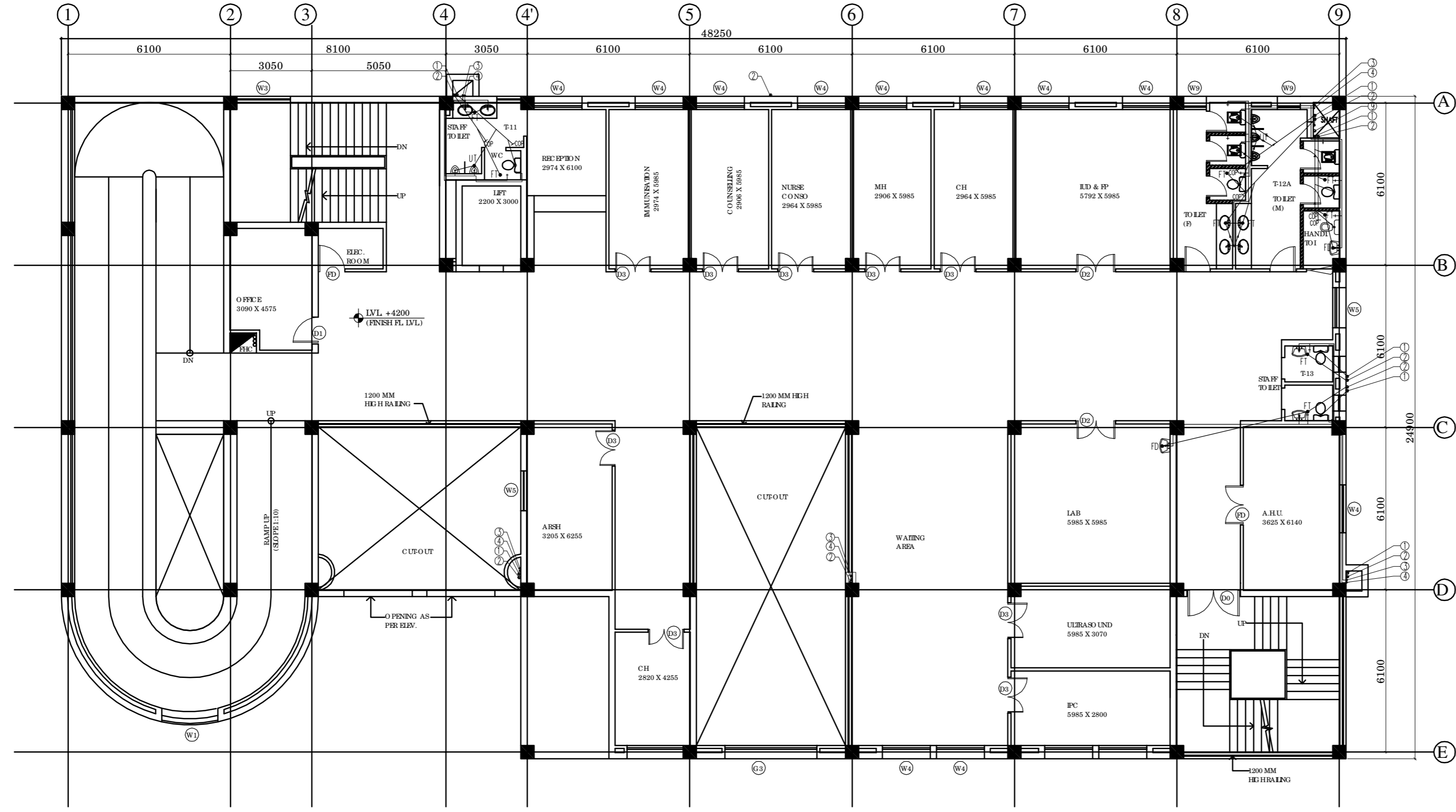
**HSCC**  
 NEW DELHI INDIA



**THIRD FLOOR BEAM FARMING PLAN**  
 (ALL BEAMS SIZE 300x650 U.N.O.)  
 (ALL SLAB THK. 160MM U.N.O.)

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**FIRST FLOOR PLAN**

**LEGEND:**

1	100 Ø CI SOIL & VENT PIPE
2	100Ø CI.WASTE & VENT PIPE
3	TW DN / TAKE
4	UTW DN / TAKE
5	RO TW/D TAKE
6	SHW/D TAKE
7	TW RISER
8	UTW RISER
9	150 Ø R.W. PIPE
F.T	FLOOR TRAP (100X100)
F.D	FLOOR DRAIN (100X50)
COP	CLEAN OUT PLUG VALVE
MH	MANHOLE (900x800)mm
GT	GULLY TRAP(300X300)mm
FD TO FT	40Ø cPVC PIPE
WASH BASIN TO FT	32Ø cPVC PIPE
URINAL TO UT	50Ø cPVC PIPE
SINK TO FT	40Ø cPVC PIPE
FT TO STACK	100Ø CI WASTE PIPE
WC TO STACK	100Ø CI SOIL PIPE
UT TO STACK	100Ø CI SOIL PIPE

**REVISION**

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**PROJECT**

NRHM PROJECT  
  
 Proposed 100 Bedded Hospital at Mandi Town, HP

**TITLE**

TENDER DRAWING (PHE PLUMBING)

FIRST FLOOR PLAN  
 COVERED AREA - 986.42 SQM

HSCC / MANDI / TD / HO SP 005 / R-0  
 Drawing No.

Job No. 1:100 Scale 22-05-2014 Date

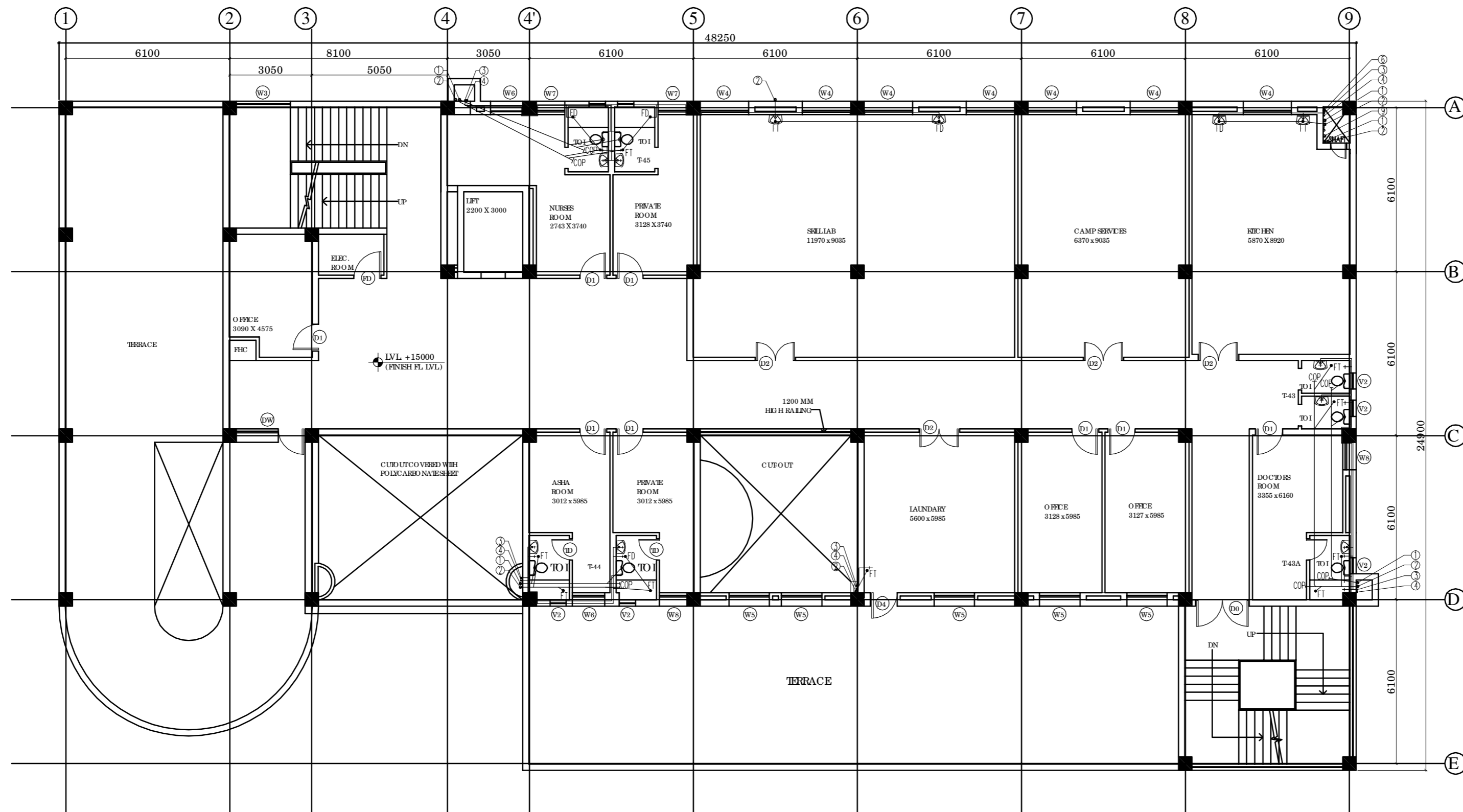
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**FOURTH FLOOR PLAN**

**LEGEND:**

1	100 Ø CI SOIL & VENT PIPE
2	100Ø CI.WASTE & VENT PIPE
3	TW DN / TAKE
4	UTW DN / TAKE
5	RO TW/D TAKE
6	SHW/D TAKE
7	TW RISER
8	UTW RISER
9	150 Ø R.W. PIPE
F.T	FLOOR TRAP (100X100)
F.D	FLOOR DRAIN (100X50)
COP	CLEAN OUT PLUG
	VALVE
MH	MANHOLE (900x800)mm
GT	GULLY TRAP(300X300)mm
	FD TO FT 40Ø cPVC PIPE
	WASH BASIN TO FT 32Ø cPVC PIPE
	URINAL TO UT 50Ø cPVC PIPE
	SINK TO FT 40Ø cPVC PIPE
	FT TO STACK 100Ø CI WASTE PIPE
	WC TO STACK 100Ø CI SOIL PIPE
	UT TO STACK 100Ø CI SOIL PIPE

**REVISION**

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**PROJECT**

NRHM PROJECT  
  
 Proposed 100 Bedded Hospital at Mandi Town, HP

**TITLE**

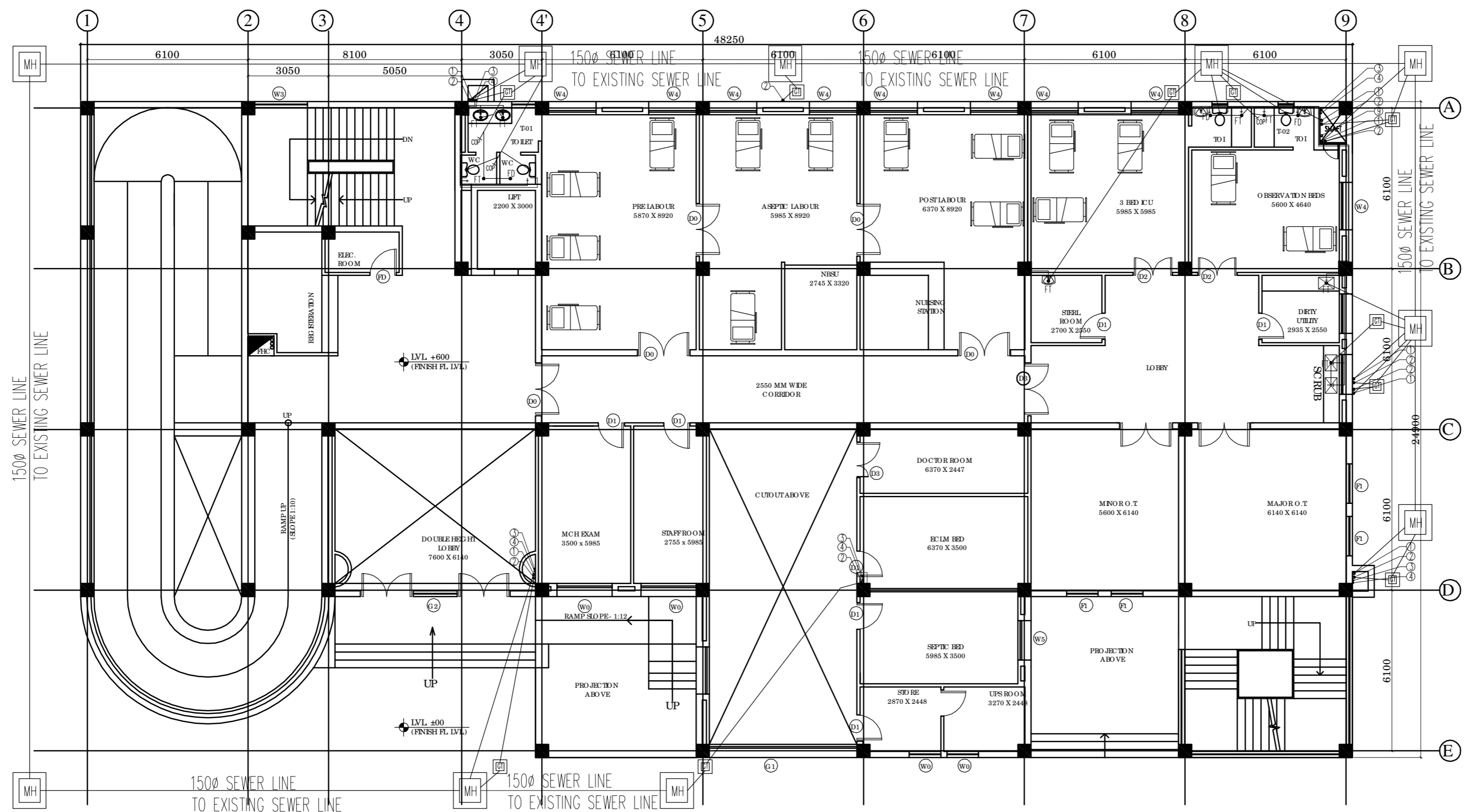
TENDER DRAWING (PHE PLUMBING)  
  
 FOURTH FLOOR PLAN  
 COVERED AREA - 723.64 SQM

HSCC / MANDI TD / HS / 008 / R-0

Drawing No.		
Job No.	1:100 Scale	22-05-2014 Date
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**GROUND FLOOR PLAN**

**LEGEND:**

1	100 Ø CI SOIL & VENT PIPE
2	100Ø CI.WASTE & VENT PIPE
3	TW DN / TAKE
4	UTW DN / TAKE
5	RO TW/D TAKE
6	SHW/D TAKE
7	TW RISER
8	UTW RISER
9	150 Ø R.W. PIPE
F.T	FLOOR TRAP (100X100)
F.D	FLOOR DRAIN (100X50)
COP	CLEAN OUT PLUG
	VALVE
MH	MANHOLE (900x800)mm
GT	GULLY TRAP(300X300)mm
	FD TO FT 40Ø cPVC PIPE
	WASH BASIN TO FT 32Ø cPVC PIPE
	URINAL TO UT 50Ø cPVC PIPE
	SINK TO FT 40Ø cPVC PIPE
	FT TO STACK 100Ø CI WASTE PIPE
	WC TO STACK 100Ø CI SOIL PIPE
	UT TO STACK 100Ø CI SOIL PIPE

**REVISION**

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**PROJECT**

NRHM PROJECT

Proposed 100 Bedded Hospital at Mandi Town, HP

**TITLE**

TENDER DRAWING (PHE PLUMBING)

GROUND FLOOR PLAN  
 COVERED AREA - 1062 SQM

HSCC / MANDI TD / HO SP 004 / R-0

Drawing No.

Job No. 1:100 Scale 22-05-2014 Date

App by SS Rev. by LK Prep. by

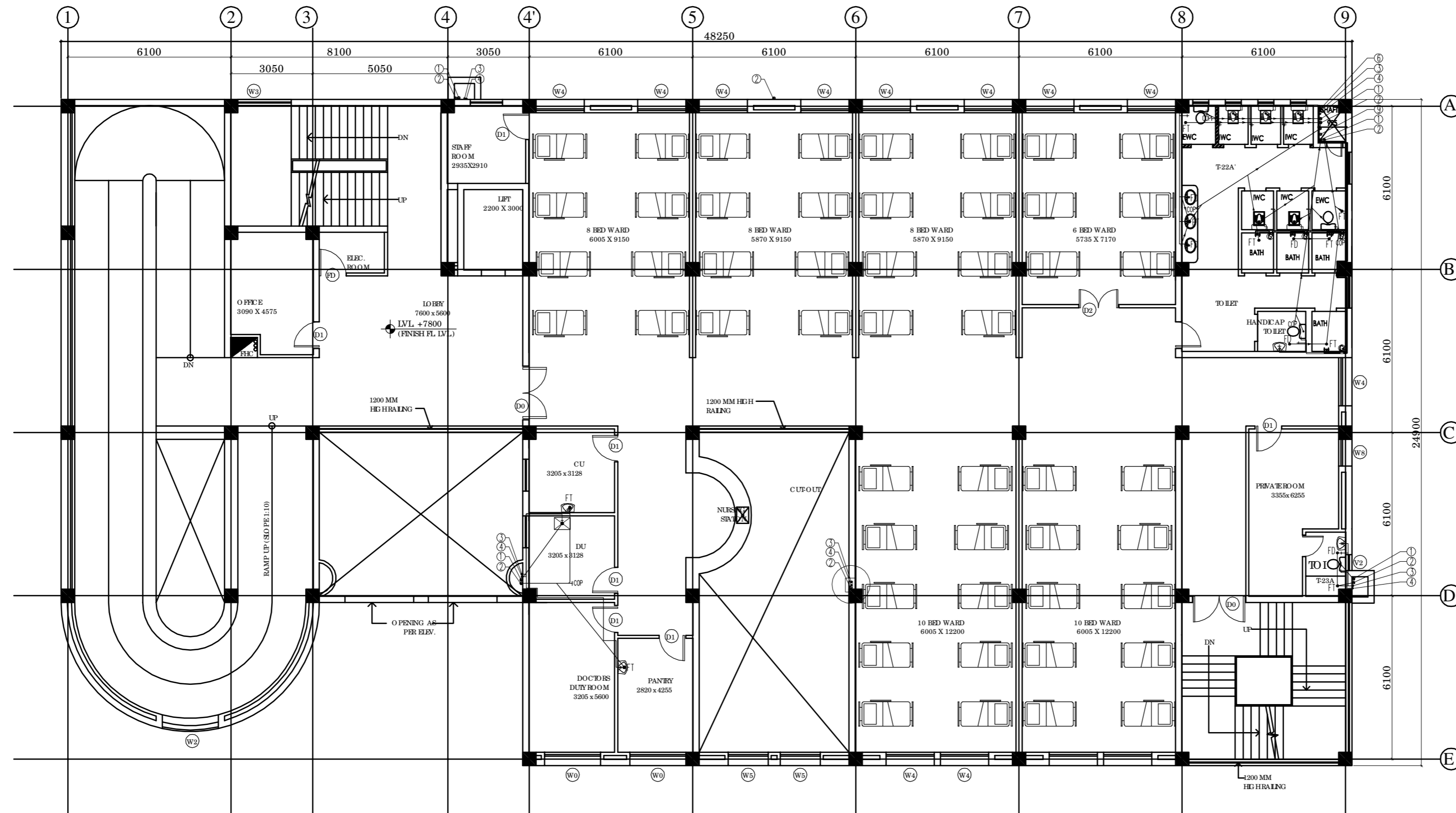
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**SECOND FLOOR PLAN - 50 BEDS**

**LEGEND:**

1	100 Ø CI SOIL & VENT PIPE
2	100Ø CI.WASTE & VENT PIPE
3	TW DN / TAKE
4	UTW DN / TAKE
5	RO TW/D TAKE
6	SHW/D TAKE
7	TW RISER
8	UTW RISER
9	150 Ø R.W. PIPE
F.T	FLOOR TRAP (100X100)
F.D	FLOOR DRAIN (100X50)
COP	CLEAN OUT PLUG
	VALVE
MH	MANHOLE (900x800)mm
GT	GULLY TRAP(300X300)mm
	FD TO FT 40Ø cPVC PIPE
	WASH BASIN TO FT 32Ø cPVC PIPE
	URINAL TO UT 50Ø cPVC PIPE
	SINK TO FT 40Ø cPVC PIPE
	FT TO STACK 100Ø CI WASTE PIPE
	WC TO STACK 100Ø CI SOIL PIPE
	UT TO STACK 100Ø CI SOIL PIPE

**REVISION**

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**PROJECT**

NRHM PROJECT

Proposed 100 Bedded Hospital at Mandi Town, HP

**TITLE**

TENDER DRAWING (PHE PLUMBING)

SECOND FLOOR PLAN

COVERED AREA - 1006.92 SQM

HSCC / MANDI / TD / HS / 006 / R-0

Drawing No.

Job No. 1:100 Scale 22-05-2014 Date

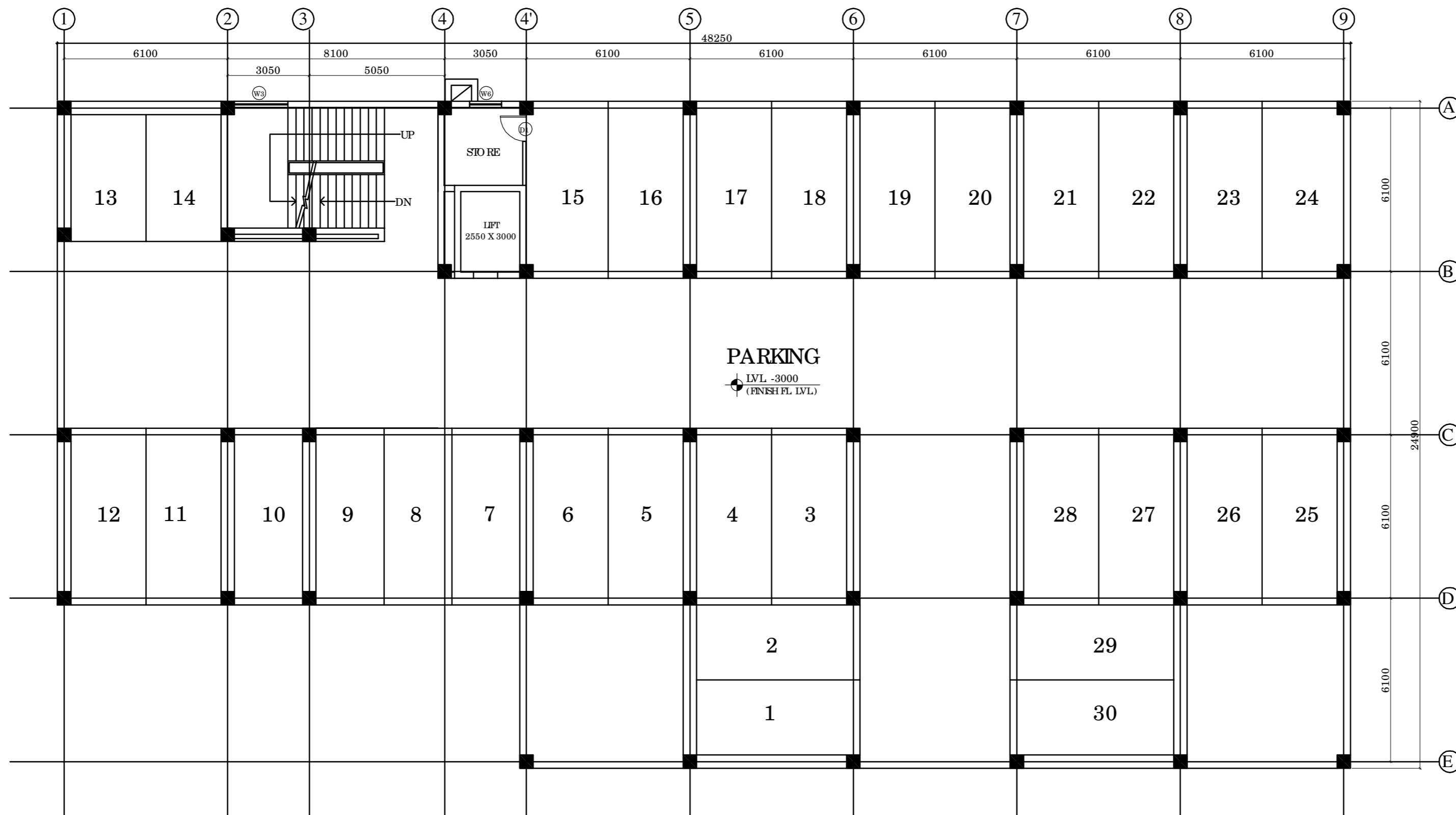
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**STILT PLAN - 1**

**REVISION**

**PROJECT**  
 NRHM PROJECT

Proposed 100 Bedded Hospital at Mandi Town, HP

**TITLE**  
 TENDER DRAWING (PHE PLUMBING)

STILT FLOOR - 1 PLAN  
 COVERED AREA - 1062 SQM

HSCC / MANDI / TD / HS / 002 / R-0

Drawing No.

Job No. 1:100 Scale 22-05-2014 Date

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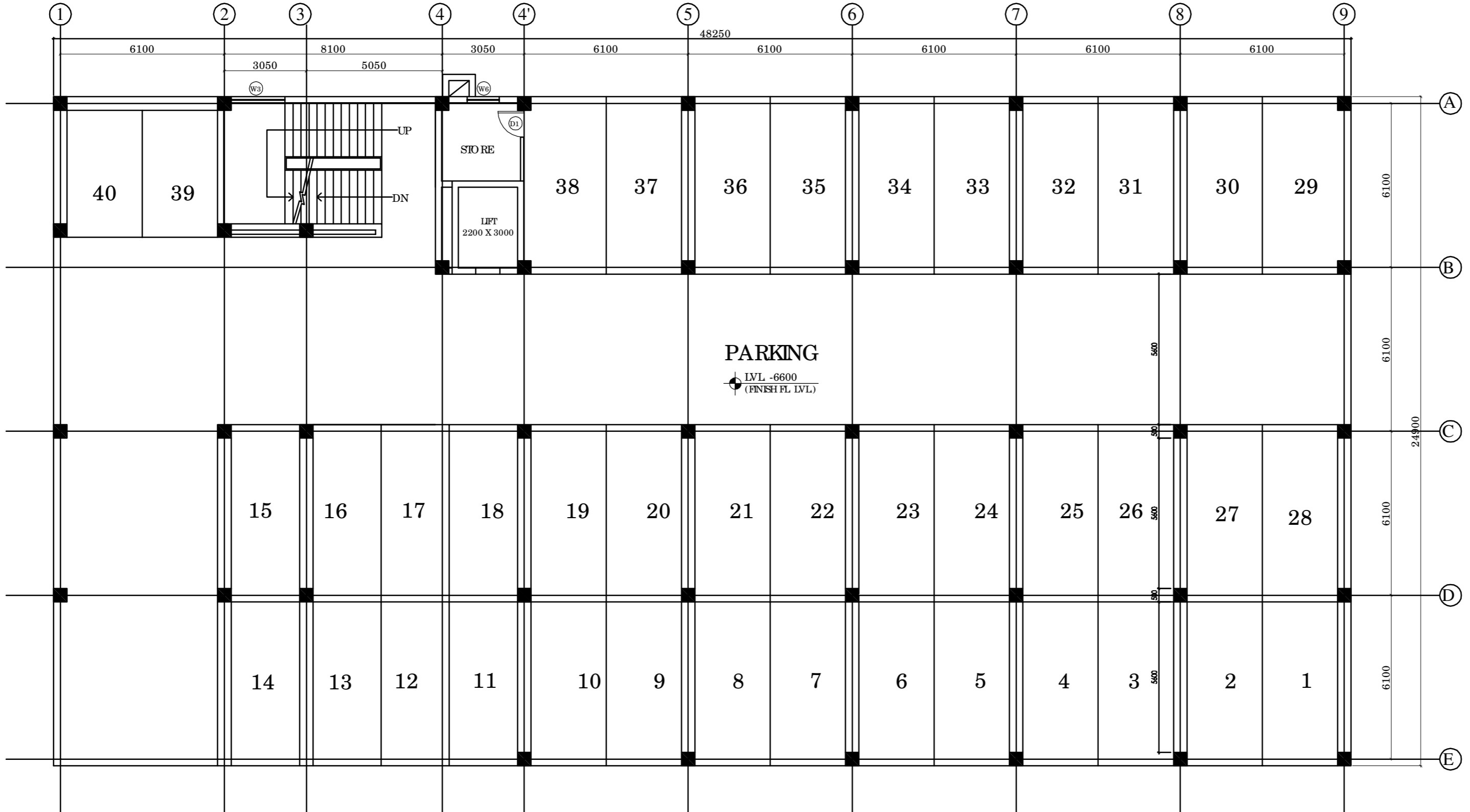
REVISION

**PROJECT**  
 NRHM PROJECT  
  
 Proposed 100 Bedded Hospital at Mandi Town, HP

**TITLE**  
 TENDER DRAWING (PHE PLUMBING)  
  
 STILT FLOOR - 2 PLAN  
 COVERED AREA - 1062 SQM

HSCC / MANDI TD / HO SP 003 / R-0		
Drawing No.		
Job No.	1:100 Scale	22-05-2014 Date
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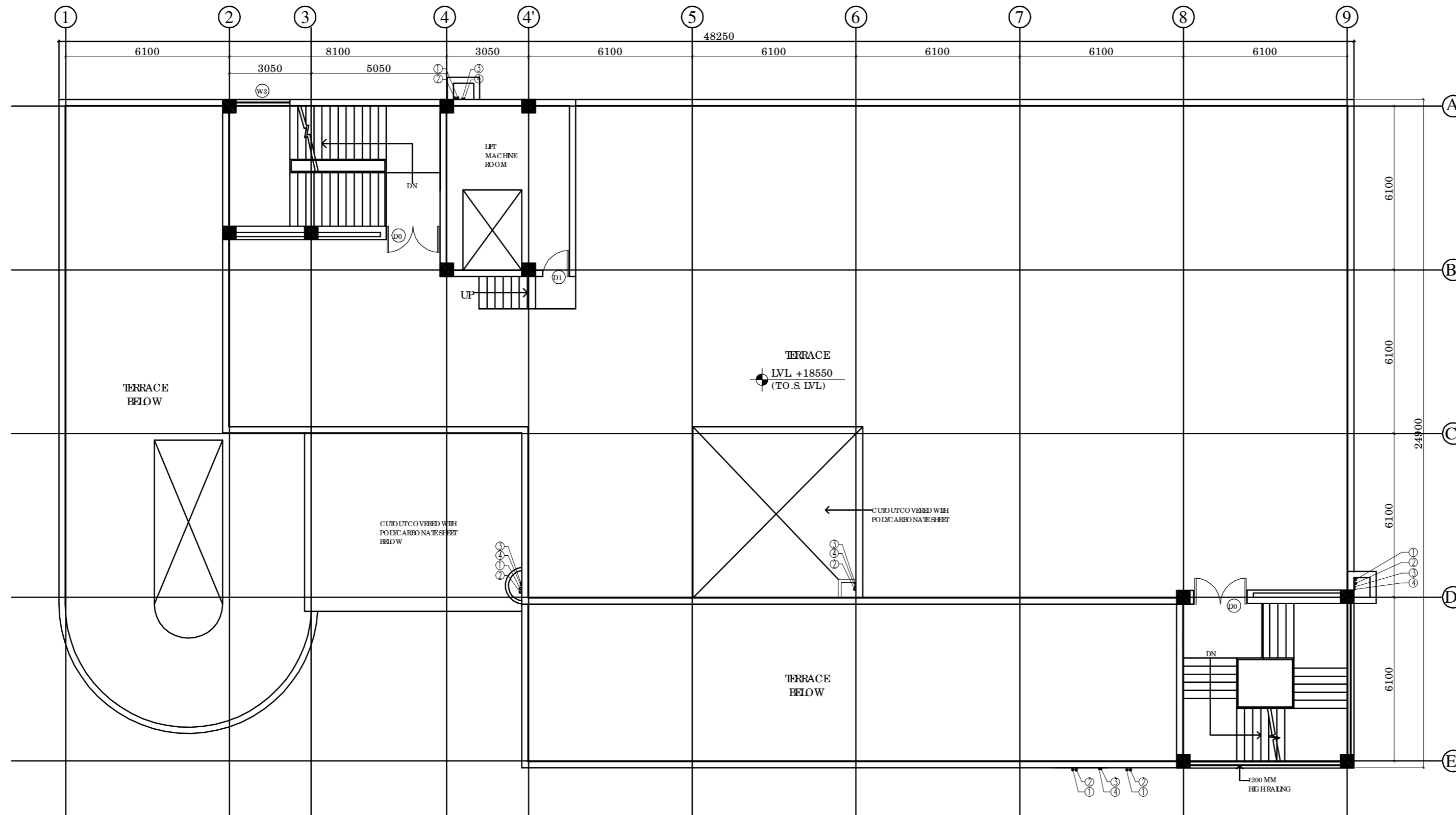
**STILT PLAN - 2**

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**TERRACE PLAN**

**LEGEND:**

1	100 Ø CI SOIL & VENT PIPE
2	100 Ø CI.WASTE & VENT PIPE
3	TW DN / TAKE
4	UTW DN / TAKE
5	RO TW/D TAKE
6	SHW/D TAKE
7	TW RISER
8	UTW RISER
9	150 Ø R.W. PIPE
F.T	FLOOR TRAP (100X100)
F.D	FLOOR DRAIN (100X50)
COP	CLEAN OUT PLUG VALVE
MH	MANHOLE (900x800)mm
GT	GULLY TRAP(300X300)mm
	FD TO FT 40Ø cPVC PIPE
	WASH BASIN TO FT 32Ø cPVC PIPE
	URINAL TO UT 50Ø cPVC PIPE
	SINK TO FT 40Ø cPVC PIPE
	FT TO STACK 100Ø CI WASTE PIPE
	WC TO STACK 100Ø CI SOIL PIPE
	UT TO STACK 100Ø CI SOIL PIPE

**REVISION**

**PROJECT**

NRHM PROJECT

Proposed 100 Bedded Hospital at Mandi Town, HP

**TITLE**

TENDER DRAWING (PHE PLUMBING)

TERRACE PLAN

HSCC / MANDI TD / HO SP 009/ R-0

Drawing No.

Job No.

Scale

Date

App by

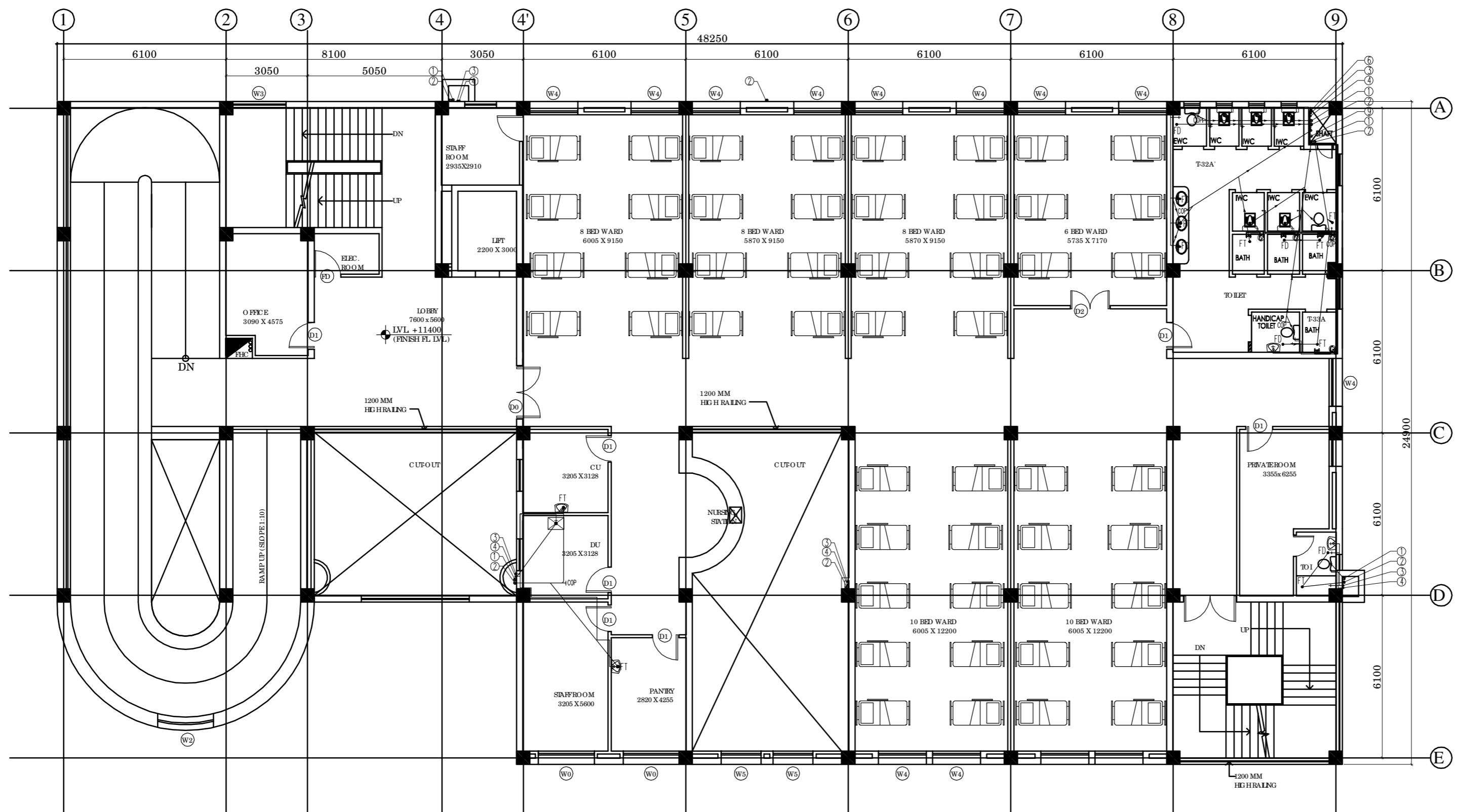
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**LEGEND:**

1	100 Ø CI SOIL & VENT PIPE
2	100Ø CI.WASTE & VENT PIPE
3	TW DN / TAKE
4	UTW DN / TAKE
5	RO TW/D TAKE
6	SHW/D TAKE
7	TW RISER
8	UTW RISER
9	150 Ø R.W. PIPE
F.T	FLOOR TRAP (100X100)
F.D	FLOOR DRAIN (100X50)
COP	CLEAN OUT PLUG
	VALVE
MH	MANHOLE (900x800)mm
GT	GULLY TRAP(300X300)mm
	FD TO FT 40Ø cPVC PIPE
	WASH BASIN TO FT 32Ø cPVC PIPE
	URINAL TO UT 50Ø cPVC PIPE
	SINK TO FT 40Ø cPVC PIPE
	FT TO STACK 100Ø CI WASTE PIPE
	WC TO STACK 100Ø CI SOIL PIPE
	UT TO STACK 100Ø CI SOIL PIPE

**THIRD FLOOR PLAN - 50 BEDS**

**REVISION**

**PROJECT**

NRHM PROJECT  
 Proposed 100 Bedded Hospital at Mandi Town, HP

**TITLE**

TENDER DRAWING (PHE PLUMBING)  
 THIRD FLOOR PLAN  
 COVERED AREA - 1006.92 SQM

HSCC/MANDI/TD/HOSP/007/R-0

Drawing No.		
Job No.	1:100 Scale	22-05-2014 Date
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**LEGEND:**

S. NO	DESCRIPTION	SYMBOL
1.	FIRE HOSE CABINET	
2.	FIRE PIPE LINE (150Ø)	
3.	AIR RELEASE VALVE	
4.	NON-RETURN VALVE	
5.	SLUCE VALVE	
6.	COLD WATER SUPPLY LINE	
7.	FIRE HOSE REEL	
8.	LANDING VALVE	
9.	TERRACE FIRE PUMP 450 LPM 30' M.HEAD	

**FIRE EXTINGUISHER**

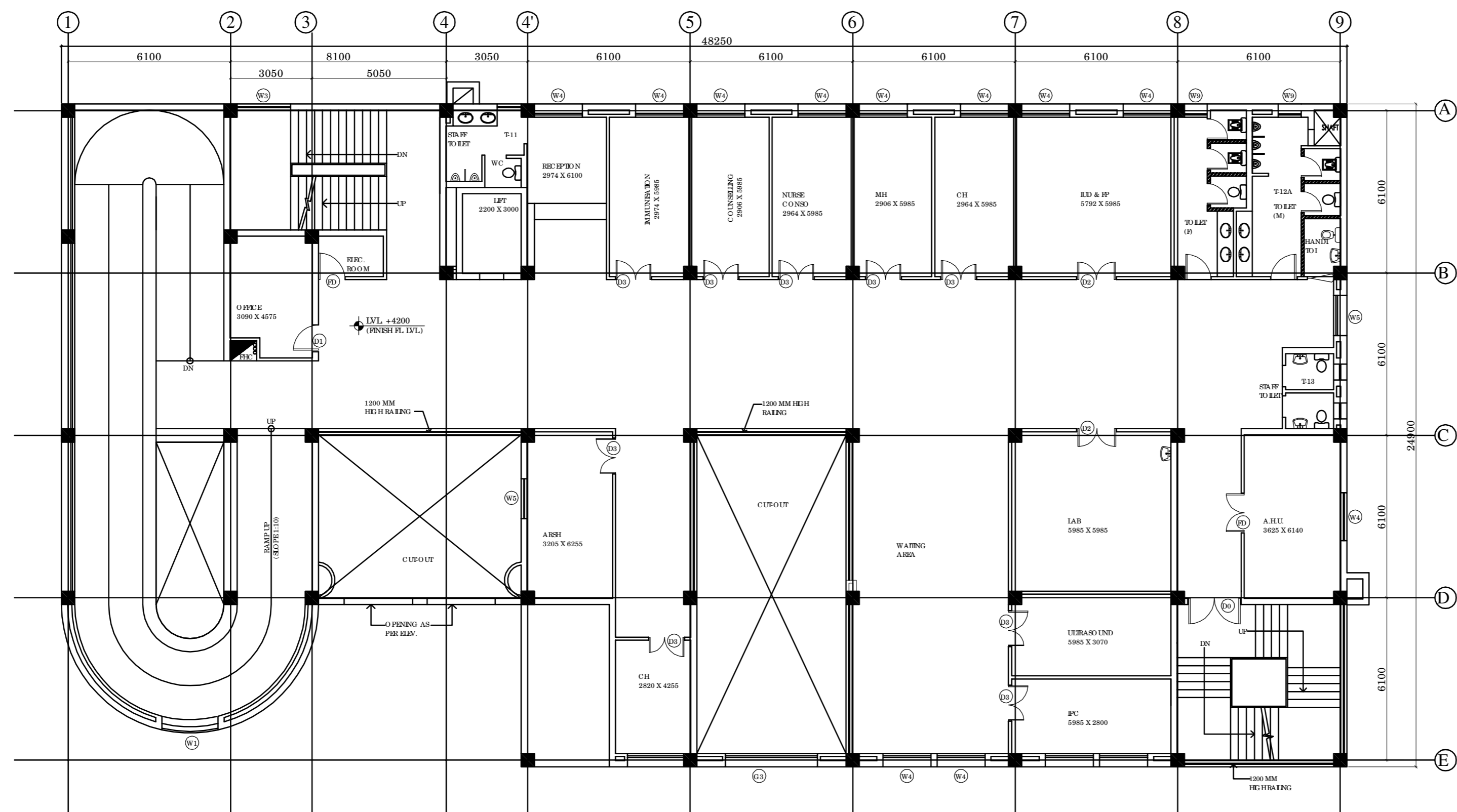
1.	ABC DRY POWDER TYPE FIRE EXTINGUISHER	
2.	CARBON DIOXIDE GAS TYPE FIRE EXTINGUISHER	
3.	WATER TYPE FIRE EXTINGUISHER	
4.	MANUAL CALL BOX	

**NOTES ON FIRE FIGHTING**

- Every FHC shall be consisting of as per IS 1500 following.
  - 63mm dia. single headed Hydrant Valve.
  - 2nos. 63mm dia. 15mts long RRL Hose reel.
  - 20mm dia 36.5mt first aid hose reel with nozzle.
  - 63mm dia. male and female INST type coupling.
  - 20mm dia branch pipe with 20mm nozzle.
  - 2 NOS FIRE EXTINGUISHERS

**LEGEND FOR VERTICAL PIPE**

- ① 150Ø MS FIRE RISER
- ② SPRINKLER RISER
- ③ 50Ø SPRINKLER DRAIN PIPE



**FIRST FLOOR PLAN**

**REVISION**

NO.	DESCRIPTION

**PROJECT**

NRHM PROJECT

Proposed 100 Bedded Hospital at Mandi Town, HP

**TITLE**  
**FIRE-TENDER DRAWING**

FIRST FLOOR PLAN  
 COVERED AREA - 986.42 SQM

HSCC/MANDI/TD/HOSP/FF-05/R-0

Drawing No.

Job No. 1:100 Scale 11-07-2014 Date

App by Rev. by Prep. by