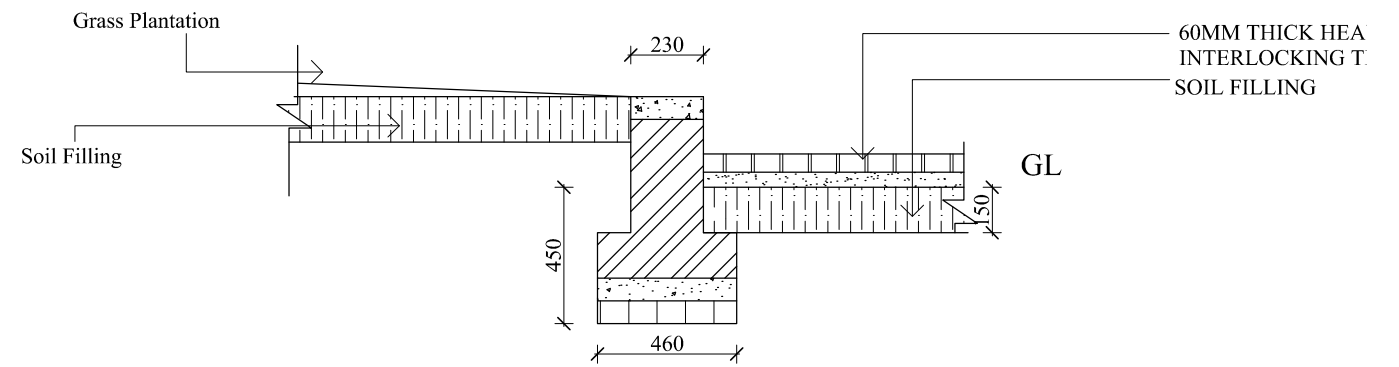
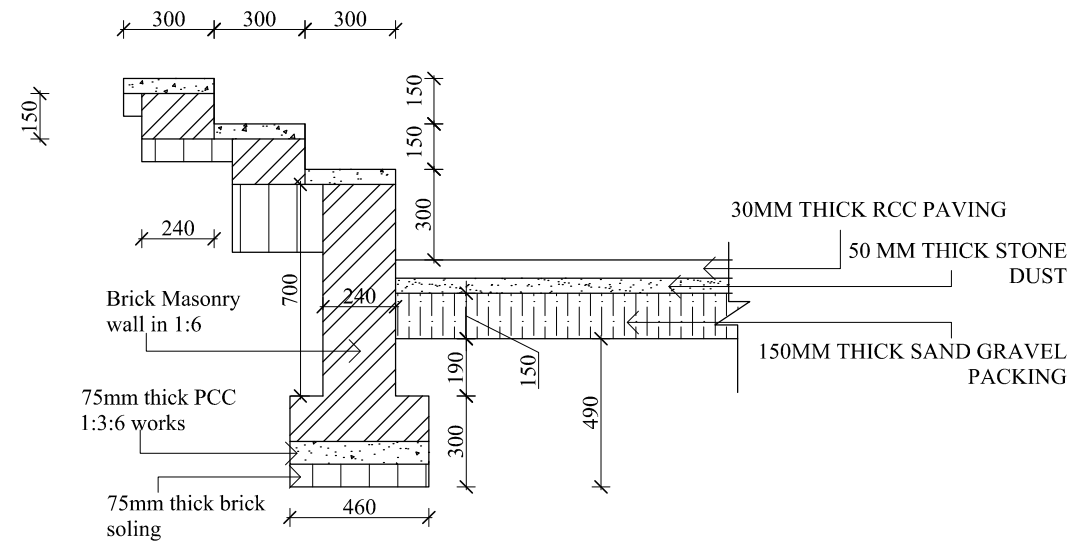


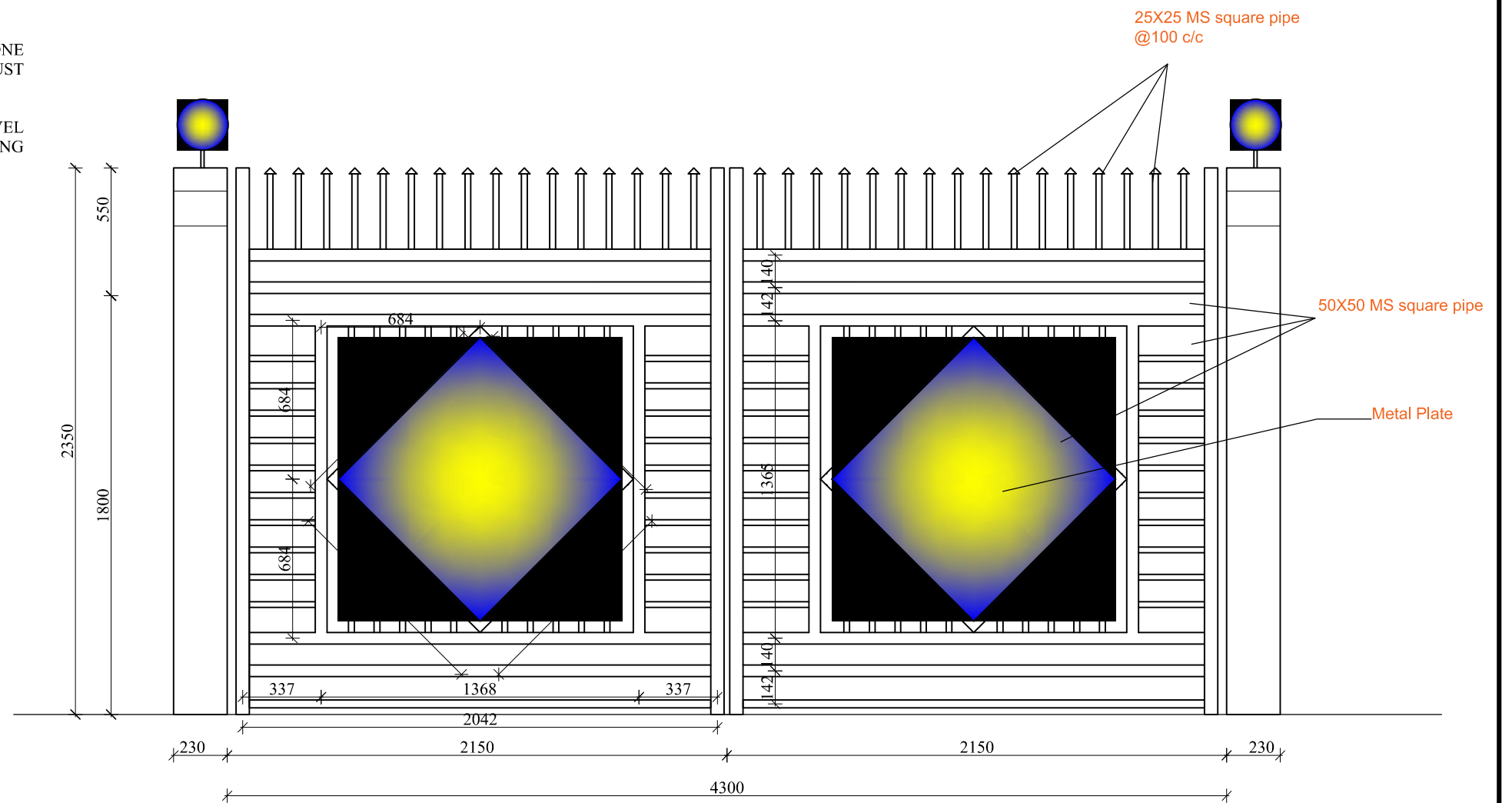
SECTION AT A-A



SECTION AT C-C



SECTION AT B-B



MAIN GATE ELEVATION
(Compound Wall)

CONSULTANT:
Empirical Engineering Consultancy Pvt. Ltd.
Sukedhara, Kathmandu, Nepal
Email: empirical.cons@gmail.com, PH:015908021

CLIENT:
Ghyanglekh Rural Municipality
Bagmati Province, Sindhuli, Nepal

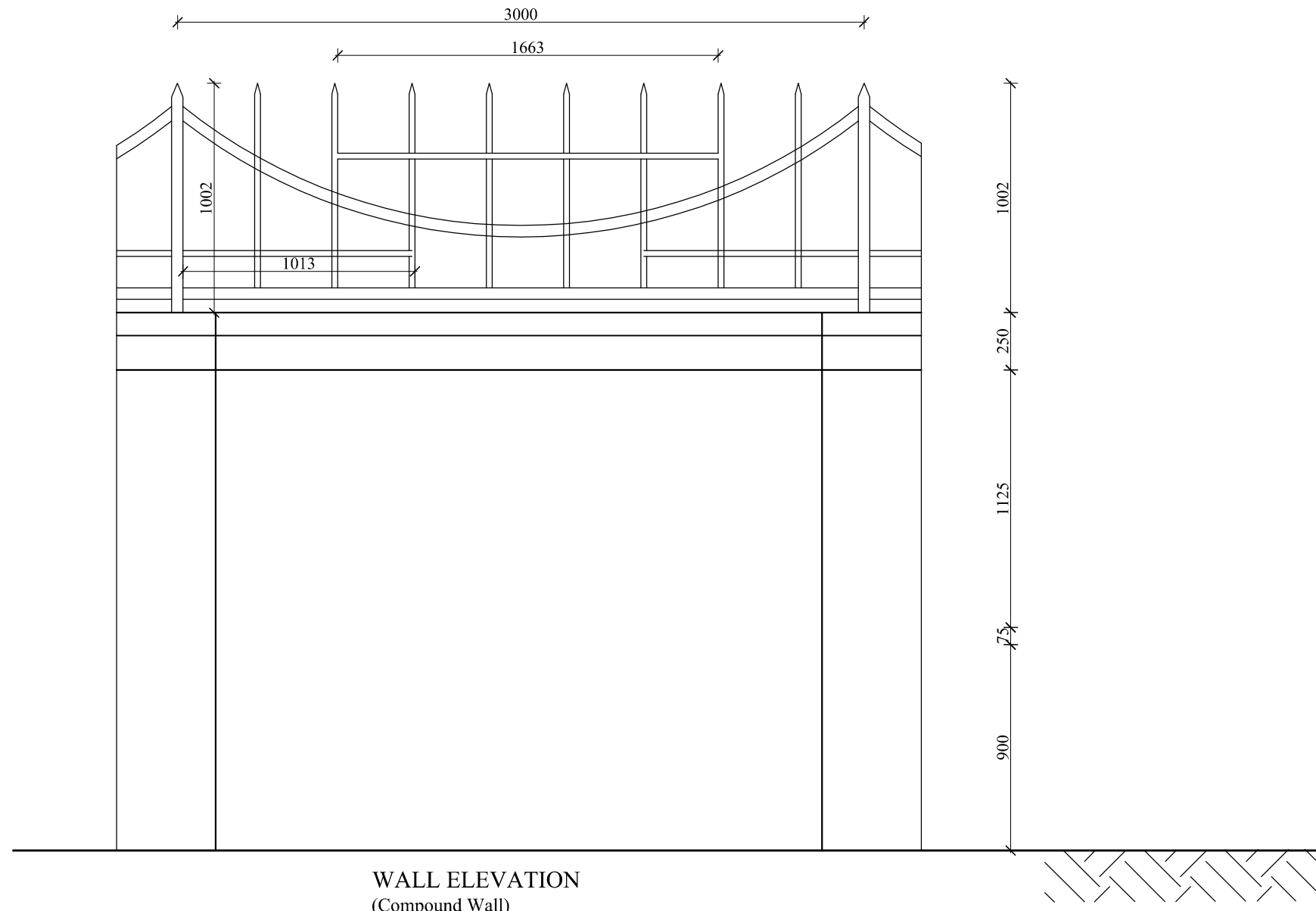
PROJETCT:
Building Design Project
DPR of 10 Bed Primary Hospital

DESIGNED BY:
Ar. Pooja Poudel

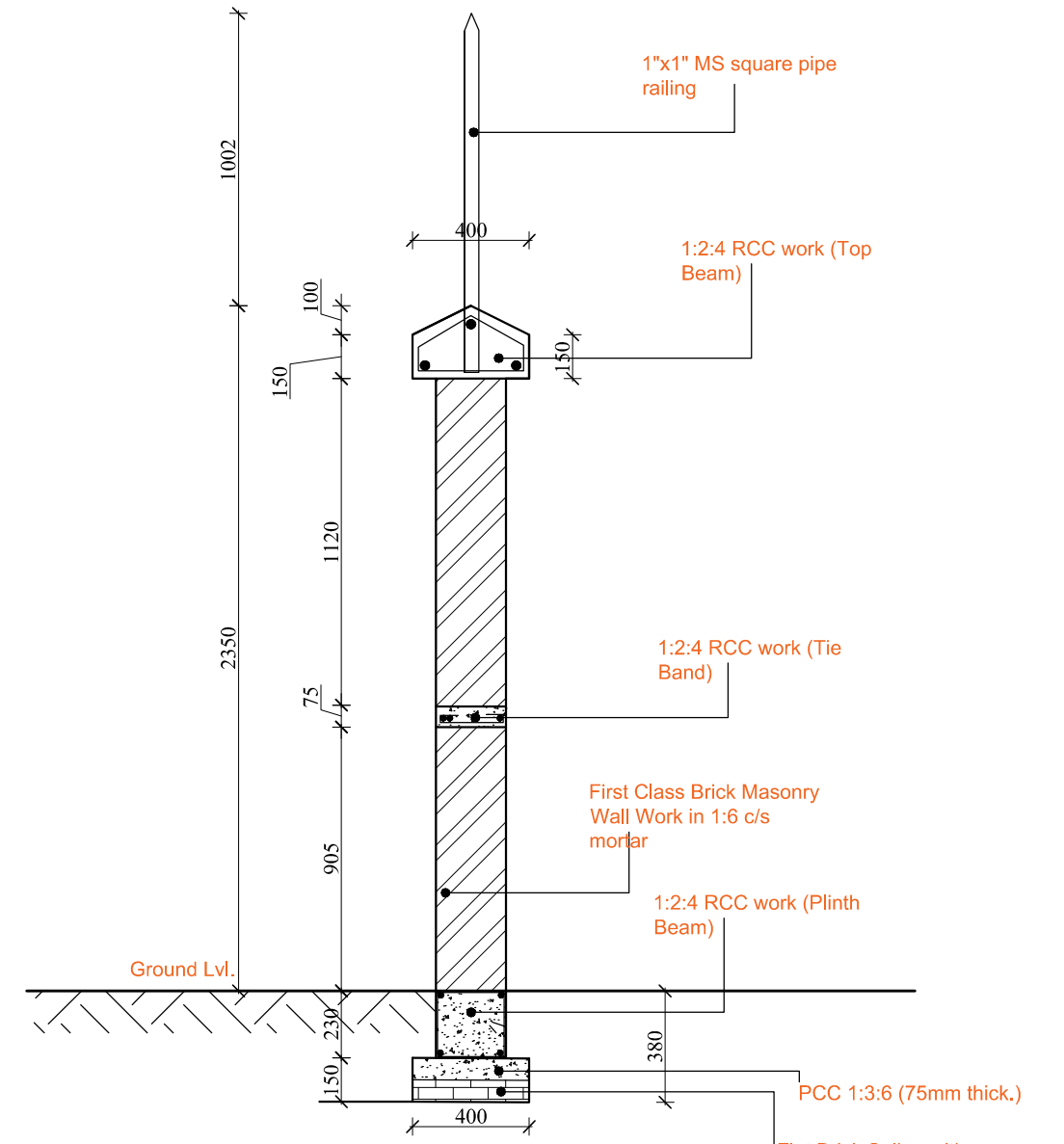
DATE: June, 2021

SCALE: As per Mentioned

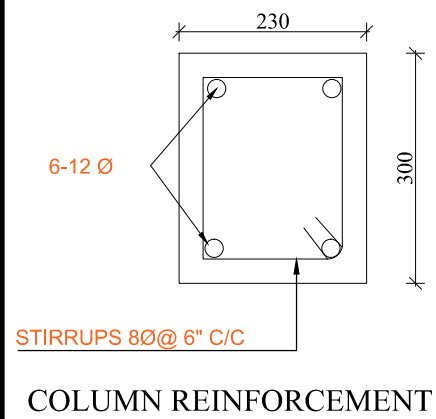
SHEET NO.



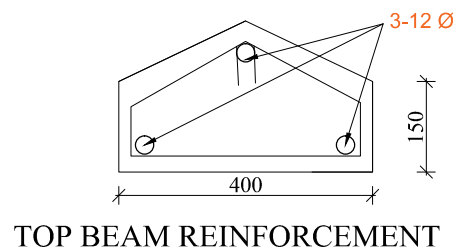
WALL ELEVATION
(Compound Wall)



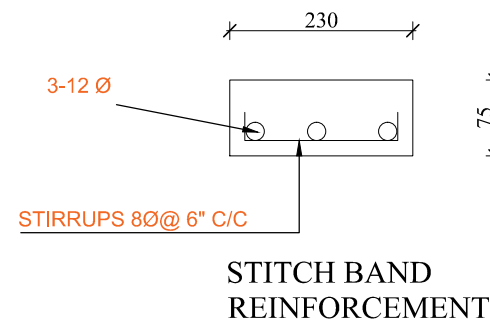
WALL SECTION
(Compound Wall Thickness=230mm thick)



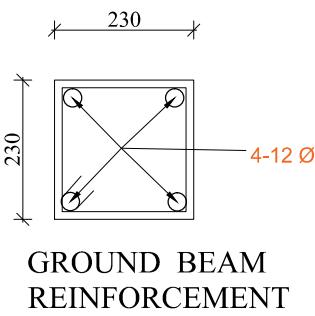
COLUMN REINFORCEMENT



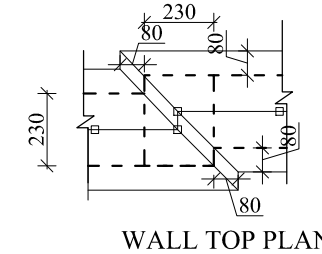
TOP BEAM REINFORCEMENT



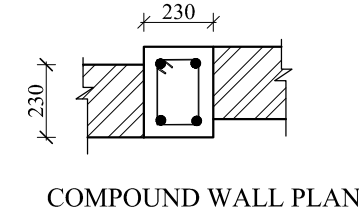
STITCH BAND REINFORCEMENT



GROUND BEAM REINFORCEMENT



WALL TOP PLAN



COMPOUND WALL PLAN

CONSULTANT:
Empirical Engineering Consultancy Pvt. Ltd.
Sukedhara, Kathmandu, Nepal
Email: empirical.cons@gmail.com, PH:015908021

CLIENT:
Ghyanglekh Rural Municipality
Bagmati Province, Sindhuli, Nepal

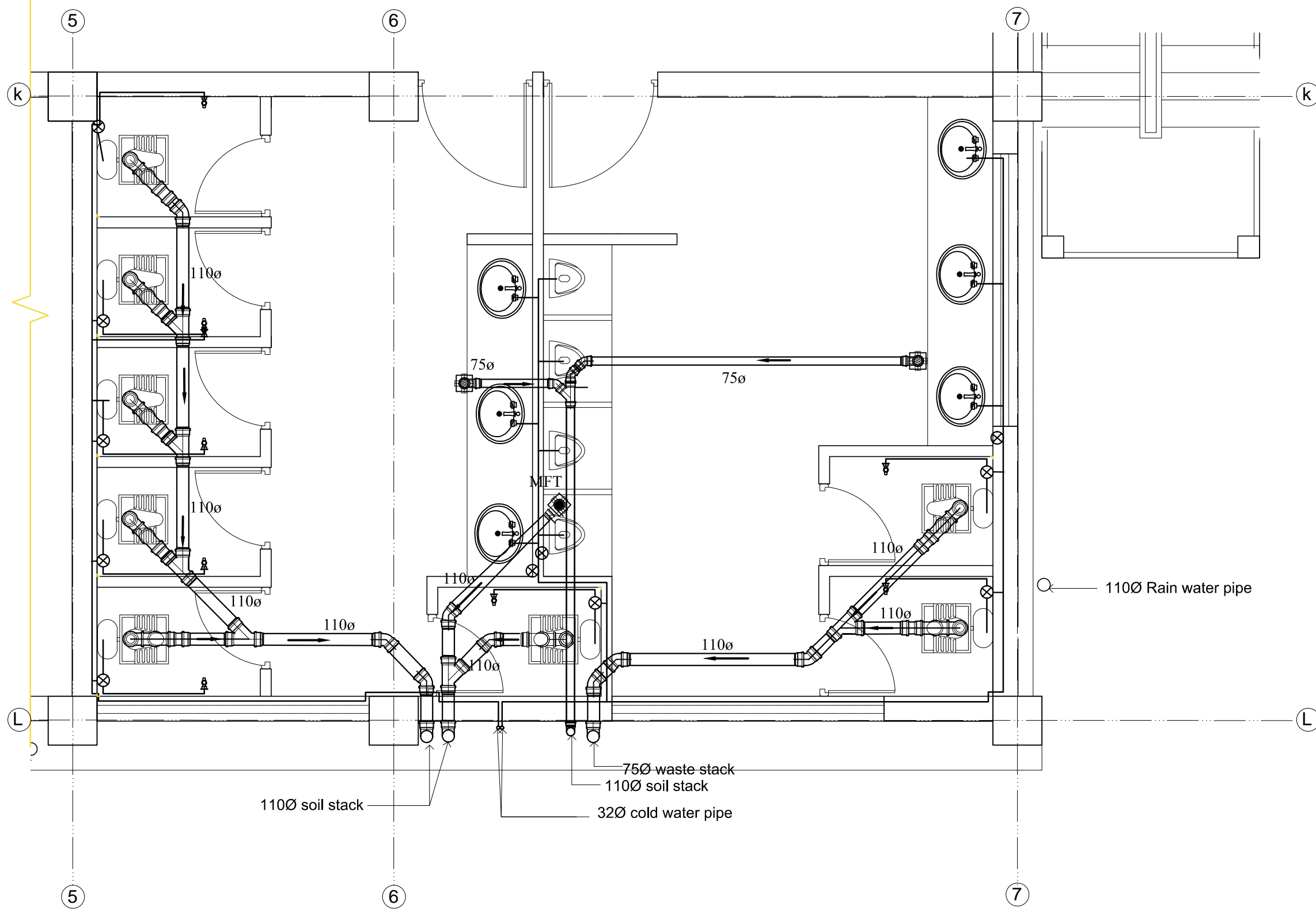
PROJETCT:
Building Design Project
DPR of 10 BED Primary Hospital

DESIGNED BY:
Ar. Pooja Poudel

DATE: June, 2021

SCALE: As per Mentioned

SHEET NO.



BATHROOM (IN FIRST FLOOR) DETAIL SHOWING SANITARY LAYOUT

SCALE : 1:40

CONSULTANT:
Empirical Engineering Consultancy Pvt. Ltd.
 Sokedhara, Kathmandu, Nepal
 Email: empirical.cons@gmail.com, PH:015908021

CLIENT:
Ghyanglekh Rural Municipality
 Bagmati Province, Sindhuli, Nepal

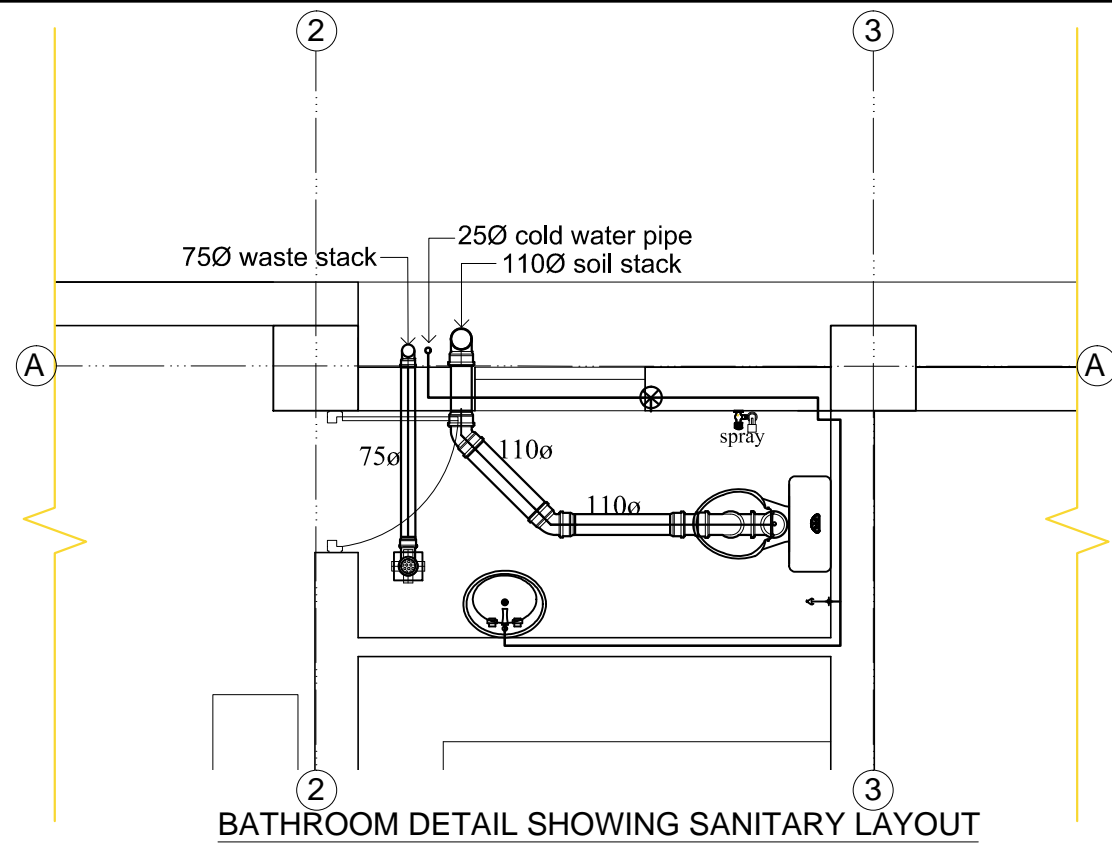
PROJECT:
Building Design Project
 DPR of 10 Bed Primary Hospital

DESIGNED BY:
 Er. Sajjan Poudel

DATE: June, 2021

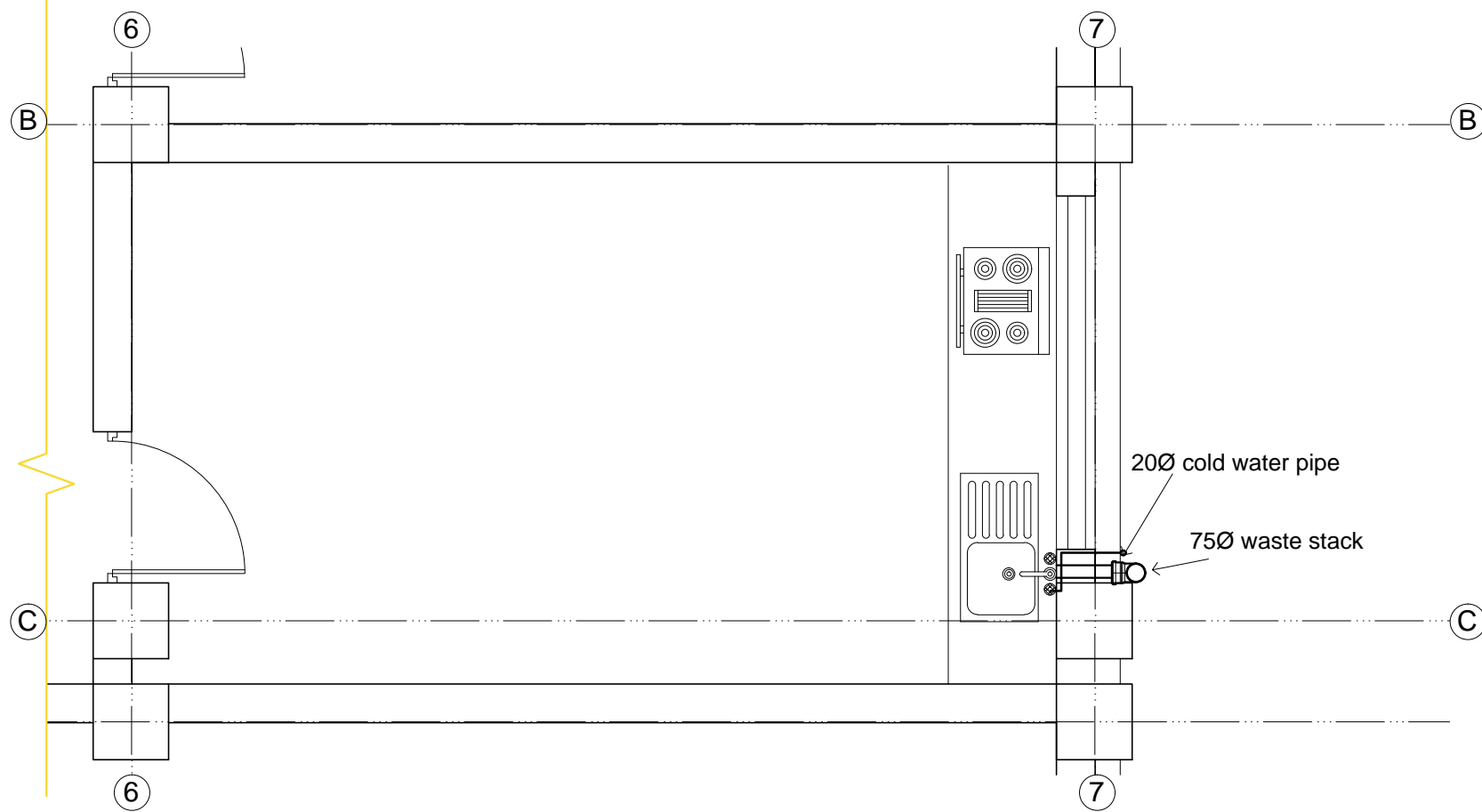
SCALE: As per Mentioned

SHEET NO.



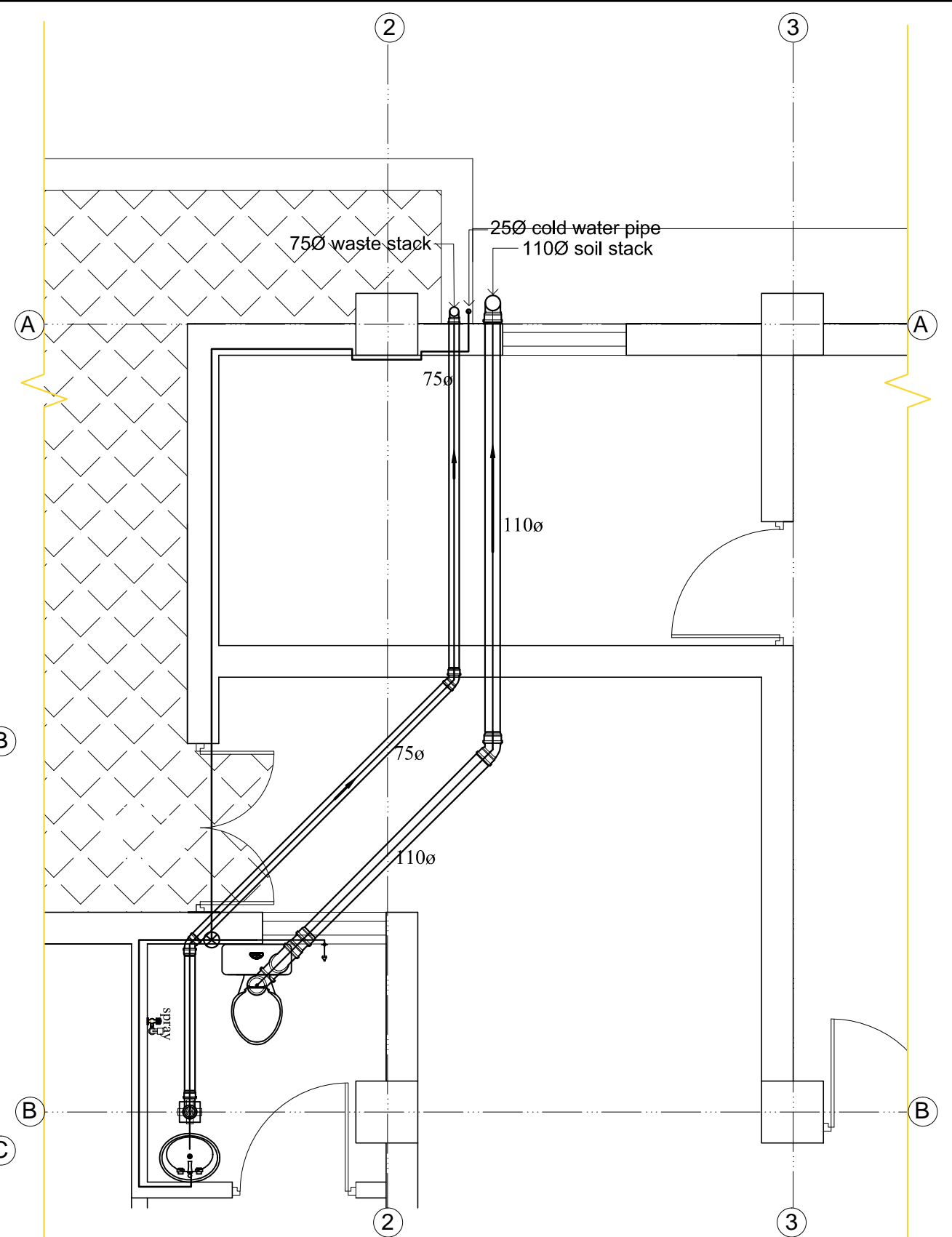
BATHROOM DETAIL SHOWING SANITARY LAYOUT

SCALE : 1: 40



PANTRY DETAIL SHOWING SANITARY LAYOUT

SCALE : 1: 40



BATHROOM DETAIL SHOWING SANITARY LAYOUT

SCALE : 1: 40

CONSULTANT:
Empirical Engineering Consultancy Pvt. Ltd.
 Sokedhara, Kathmandu, Nepal
 Email: empirical.cons@gmail.com, PH:015908021

CLIENT:
Ghyanglekh Rural Municipality
 Bagmati Province, Sindhuli, Nepal

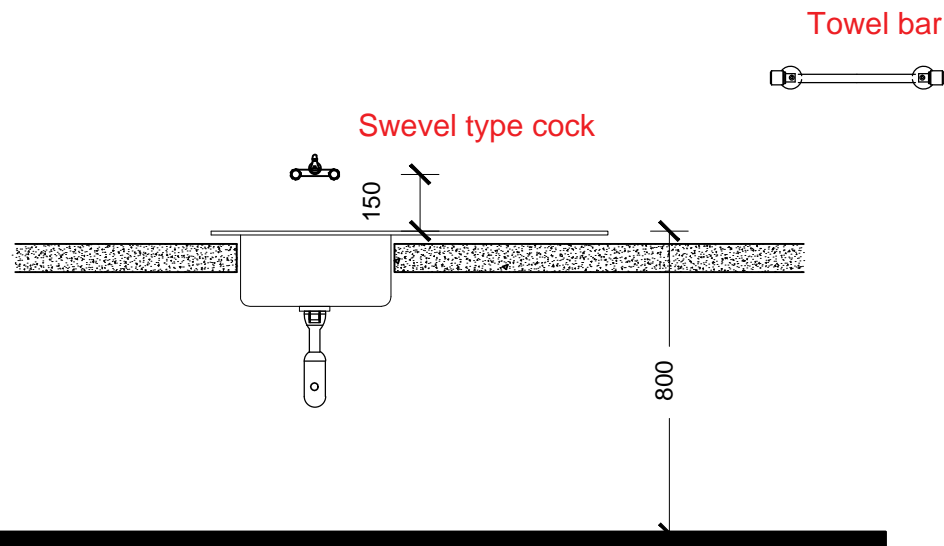
PROJECT:
Building Design Project
 DPR of 10 Bed Primary Hospital

DESIGNED BY:
 Er. Sajjan Poudel

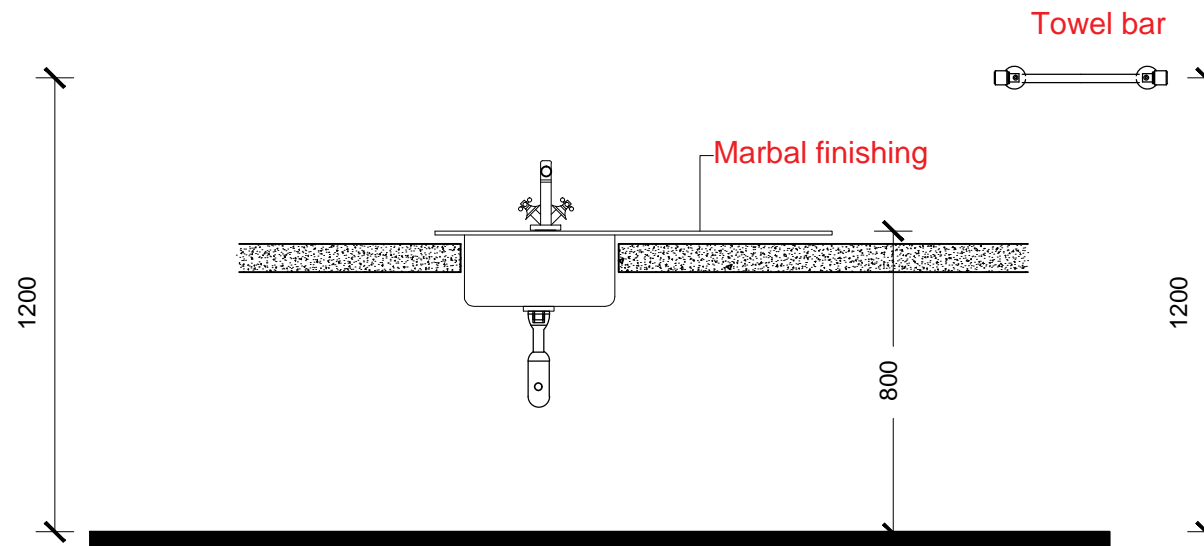
DATE: June, 2021

SCALE: As per Mentioned

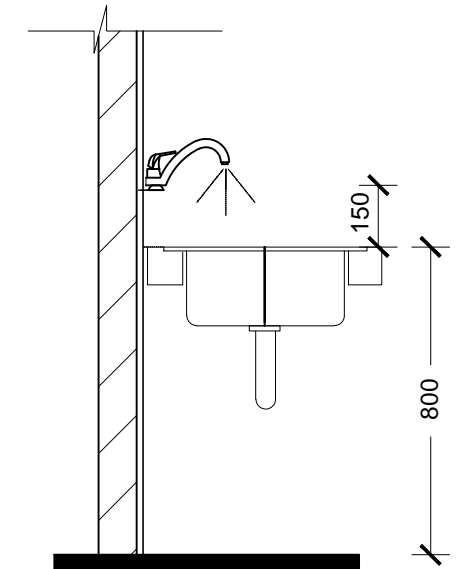
SHEET NO.



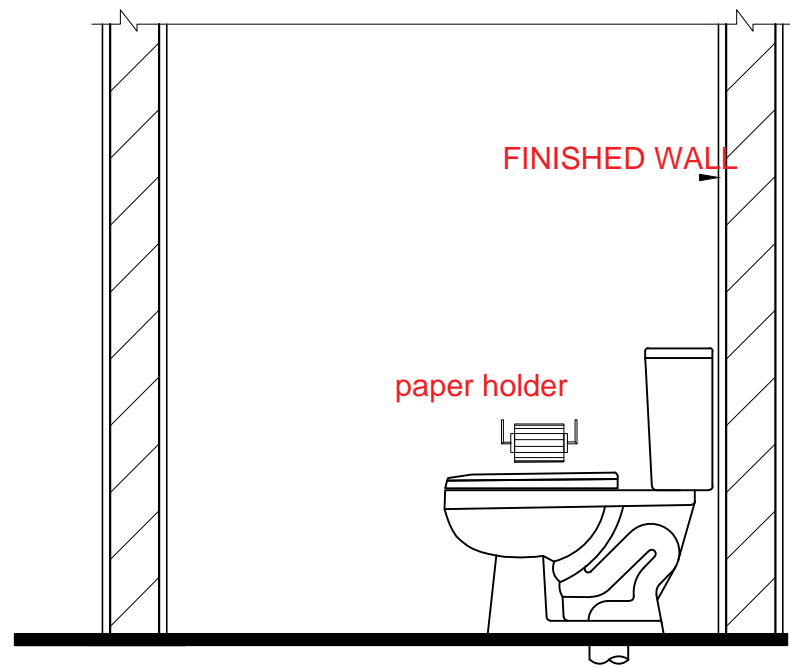
Stainless steel sink(elevation)



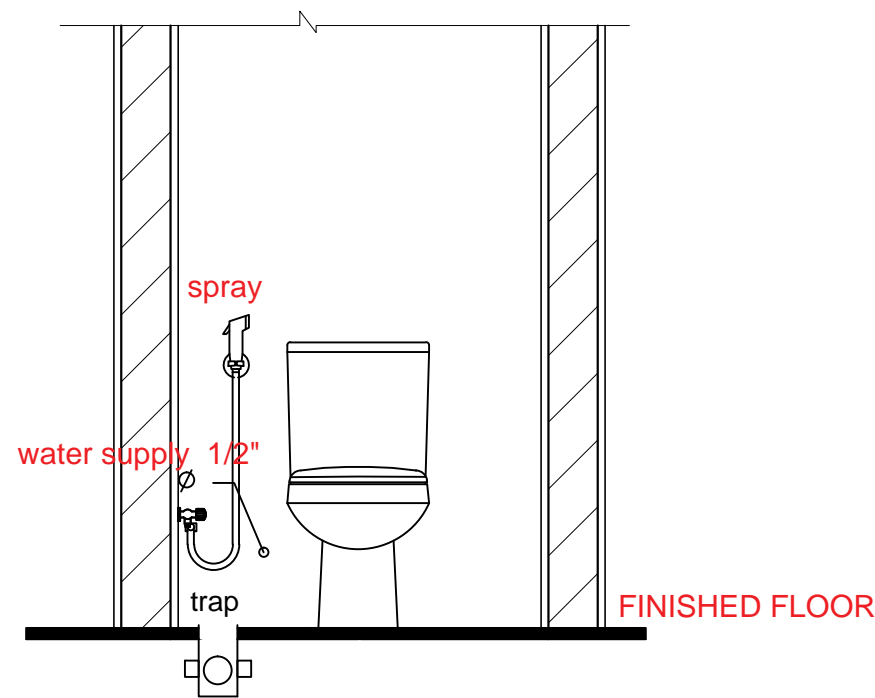
Stainless steel sink(elevation)



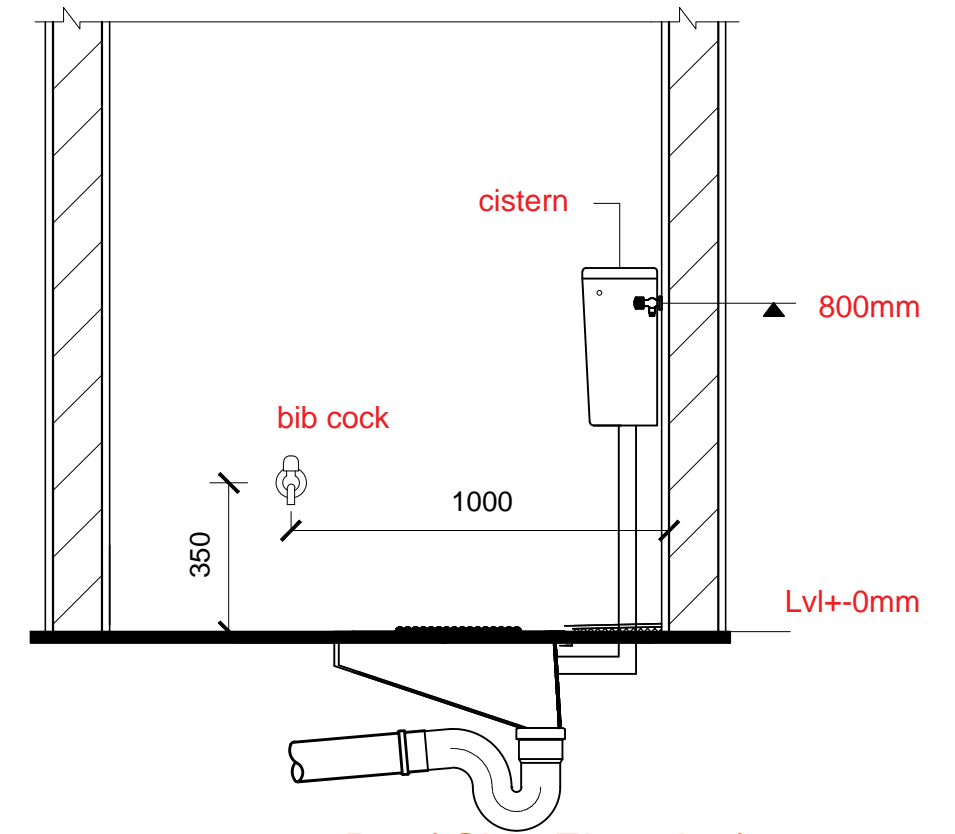
Stainless steel sink(wall mounted cock)



Comode One piece Type(Side)



Commode One piece Type(Front)



Pan(Side Elevation)

CONSULTANT:
Empirical Engineering Consultancy Pvt. Ltd.
 Sukedhara, Kathmandu, Nepal
 Email: empirical.cons@gmail.com, PH:015908021

CLIENT:
Ghyanglekh Rural Municipality
 Bagmati Province, Sindhuli, Nepal

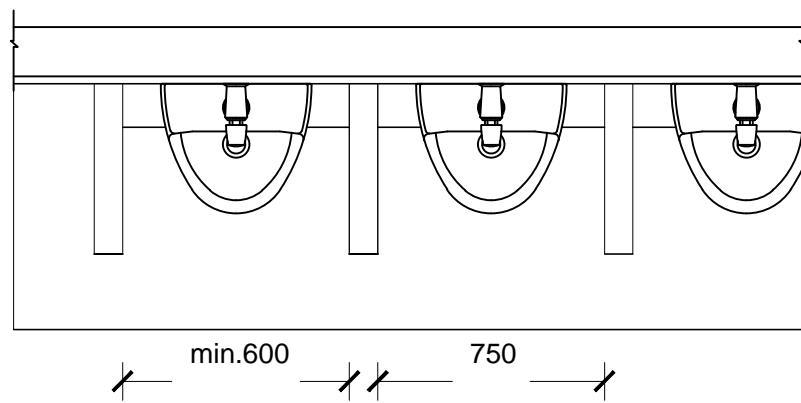
PROJETCT:
Building Design Project
 DPR of 10 Bed Primary Hospital

DESIGNED BY:
 Er. Sajjan Poudel

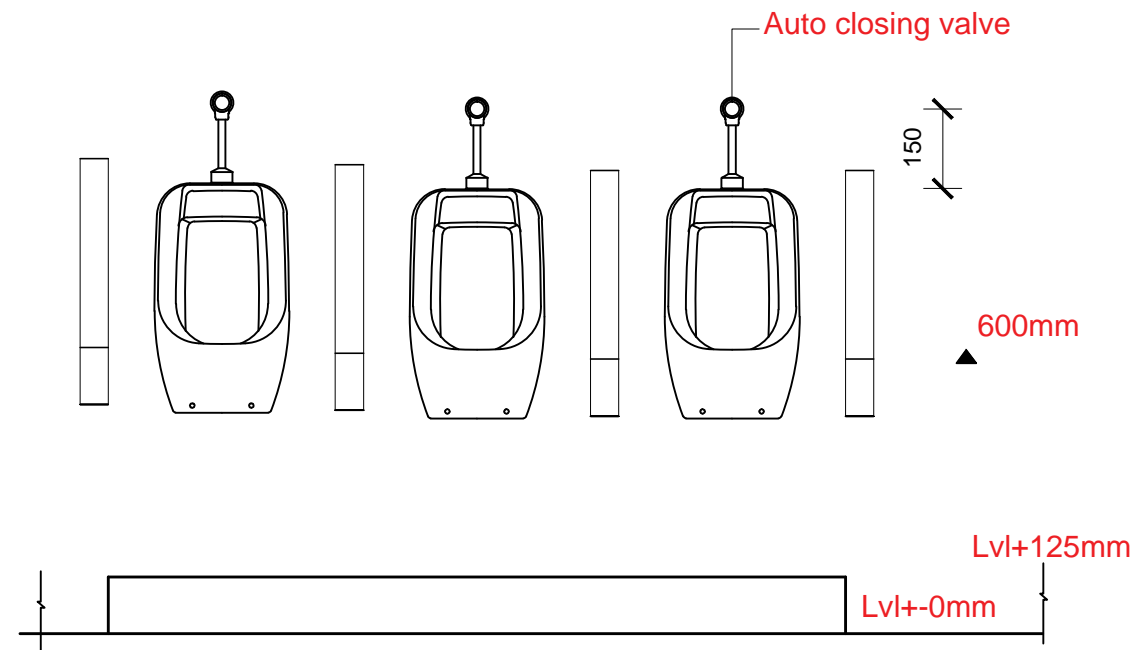
DATE: June, 2021

SCALE: As per Mentioned

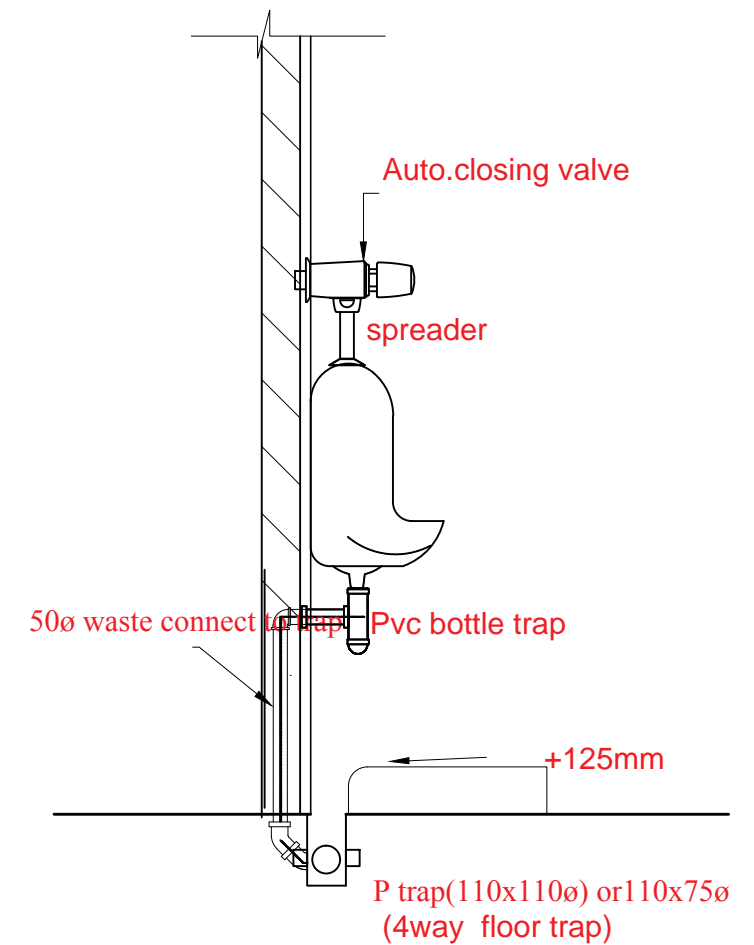
SHEET NO.



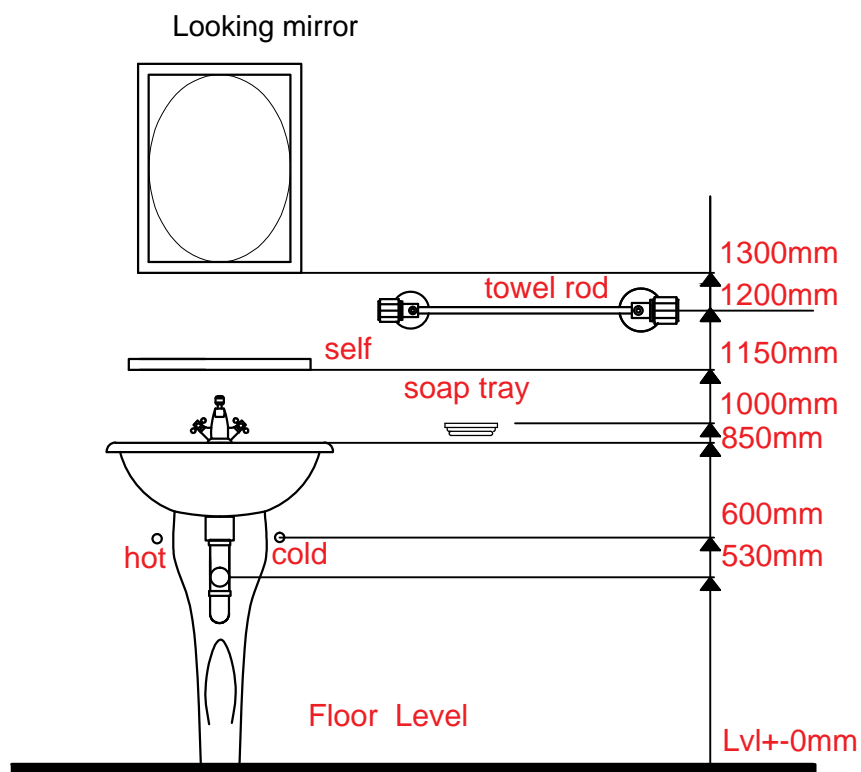
Urinal(Plan)



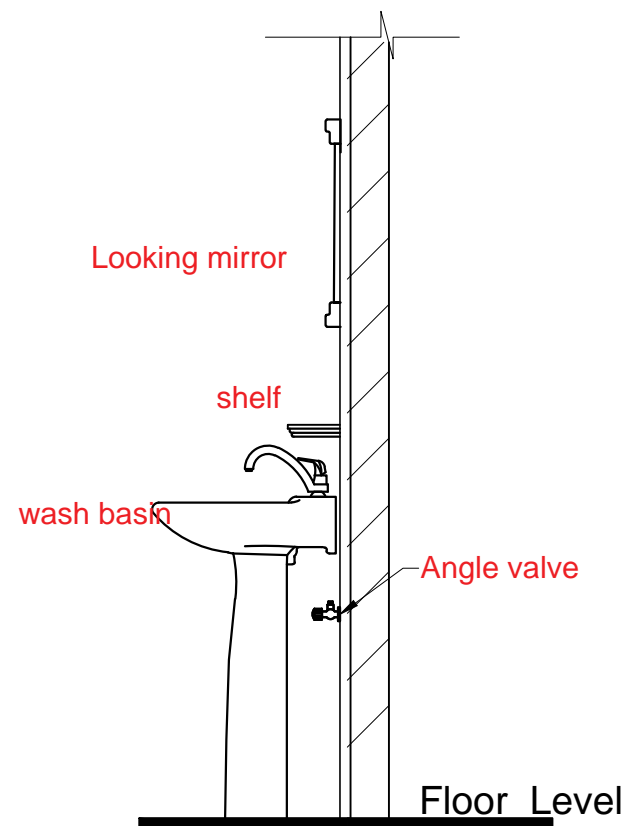
Urinal(Front Elevation)



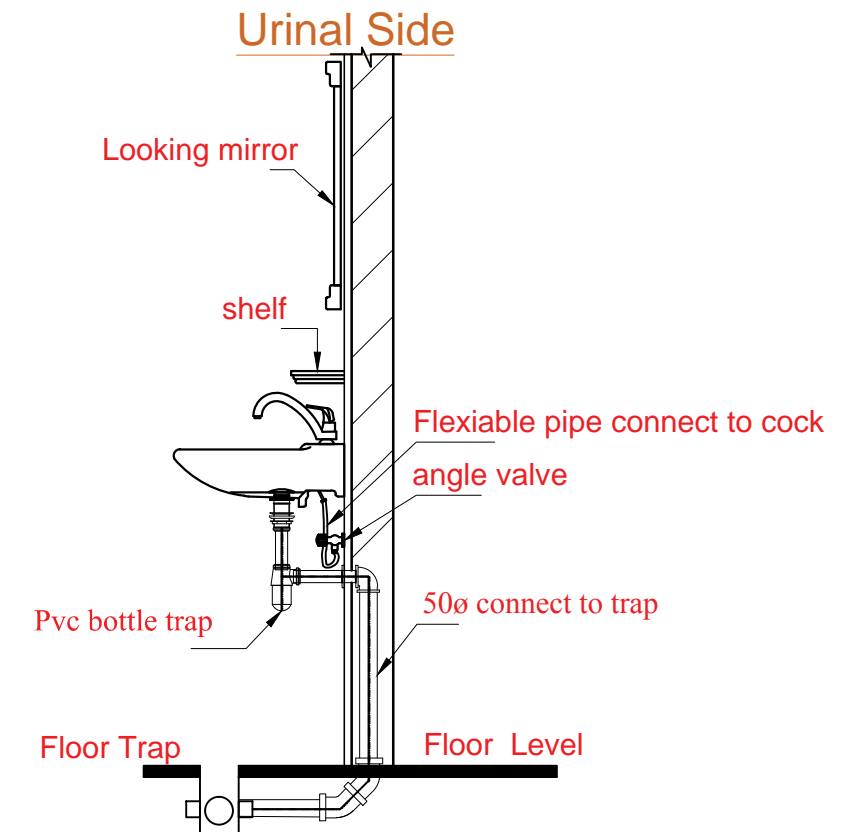
Urinal Side



Wash basin(Front Elevation)



Basin with pedestal&mixer(side view)



Wash basin(Connection to trap)

CONSULTANT:
Empirical Engineering Consultancy Pvt. Ltd.
 Sukedhara, Kathmandu, Nepal
 Email: empirical.cons@gmail.com, PH:015908021

CLIENT:
Ghyanglekh Rural Municipality
 Bagmati Province, Sindhuli, Nepal

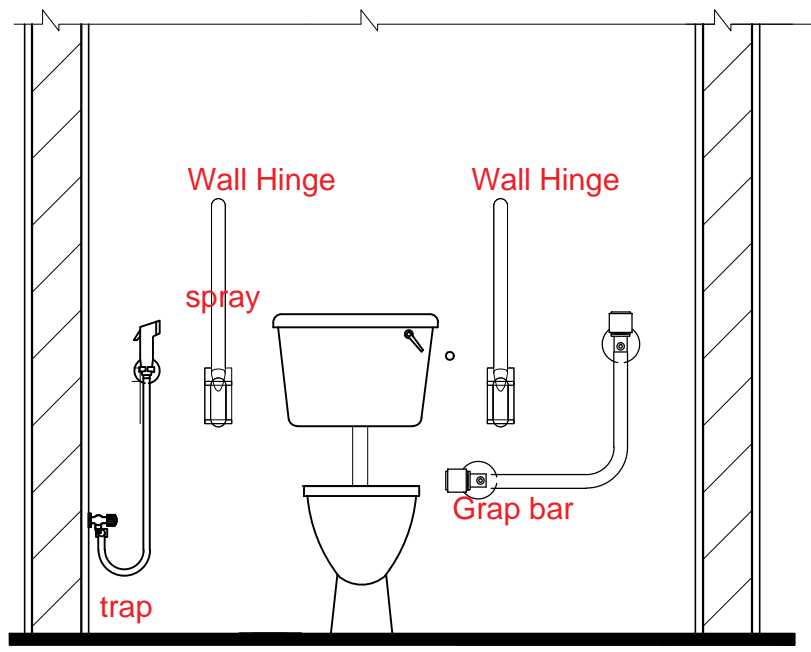
PROJETCT:
Building Design Project
 DPR of 10 Bed Priamry Hospital

DESIGNED BY:
 Er. Sajjan Poudel

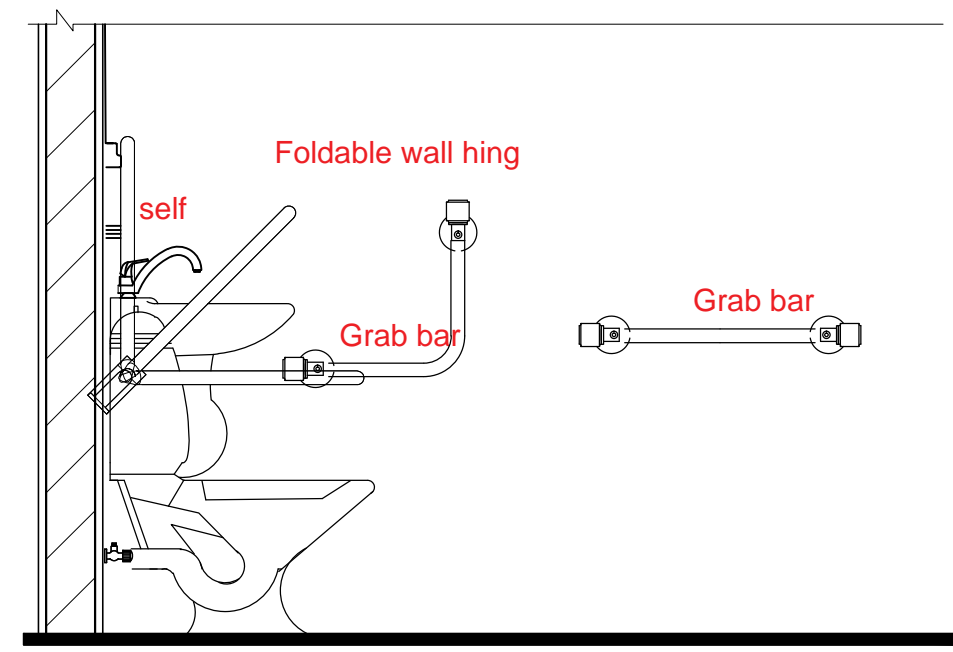
DATE: June, 2021

SCALE: As per Mentioned

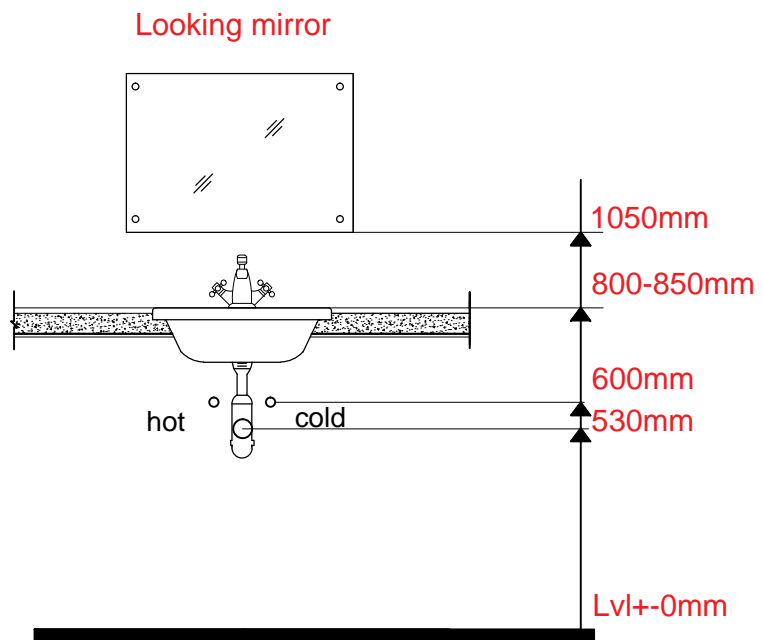
SHEET NO.



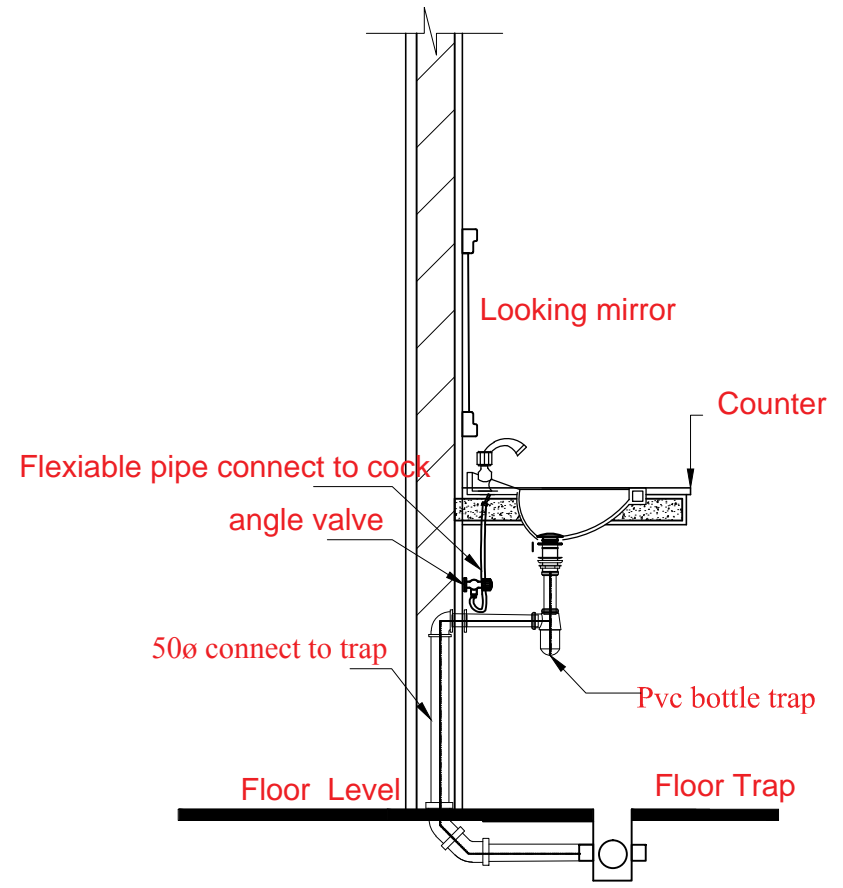
Disable commode/basin Elevation



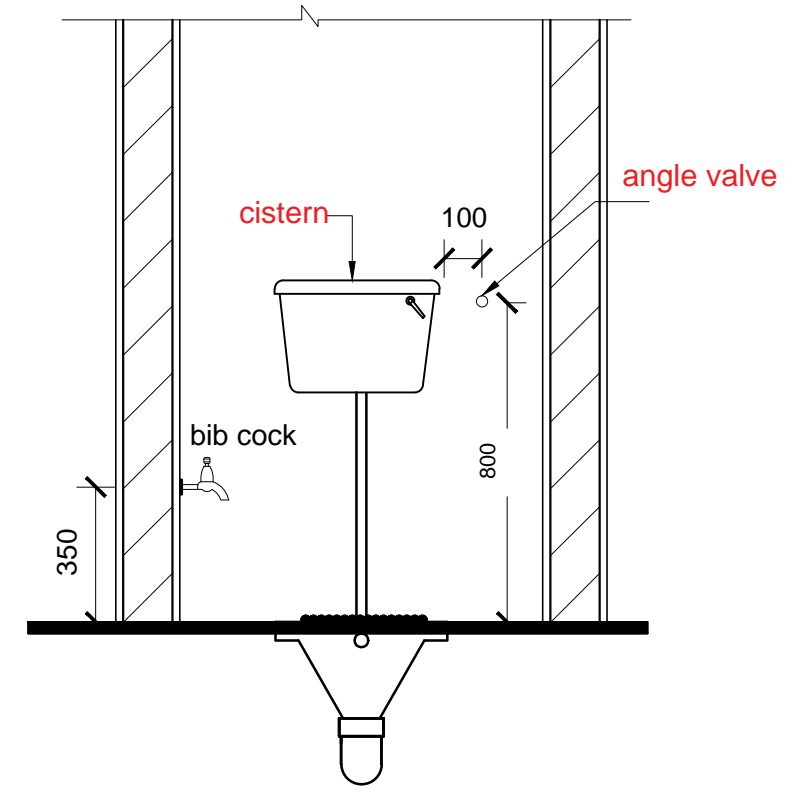
Side Elevation



Counter basin with mixer/cock



Counter basin side



Pan(Front Elevation)

CONSULTANT:
Empirical Engineering Consultancy Pvt. Ltd.
 Sokedhara, Kathmandu, Nepal
 Email: empirical.cons@gmail.com, PH:015908021

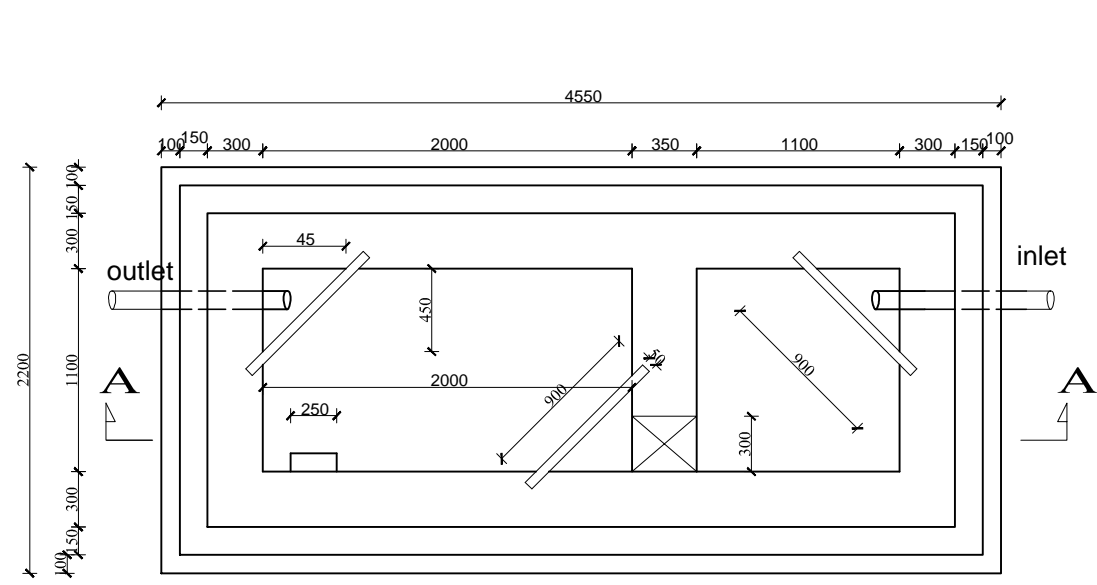
CLIENT:
Ghyanglekh Rural Municipality
 Bagmati Province, Sindhuli, Nepal

PROJETCT:
Building Design Project
 DPR of 10 Bed Primary Hospital

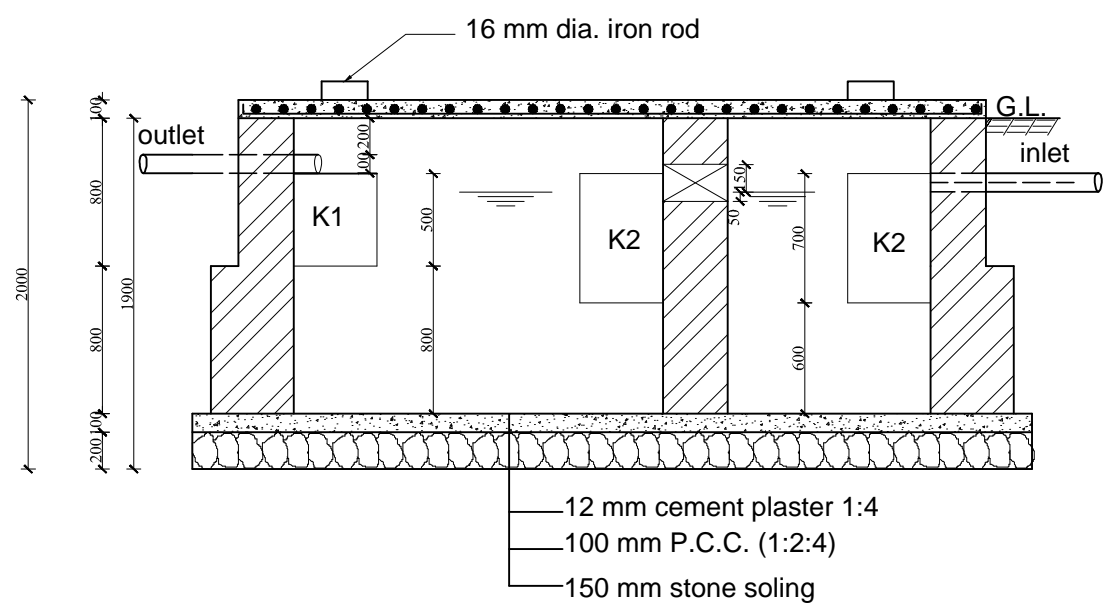
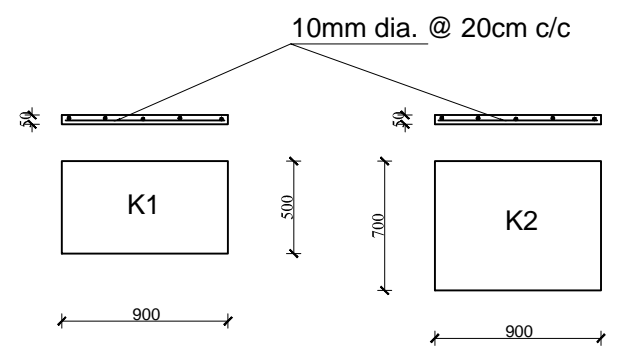
DESIGNED BY:
 Er. Sajjan Poudel

DATE: June, 2021
SCALE: As per Mentioned

SHEET NO.



PLAN of SEPTIC TANK
Scale - 1:40



SECTION of SEPTIC TANK at A-A

Scale - 1:40

DIMENSION

SYMBOL	UNIT	USERS				
		10	15	20	30	50
H	MM	1700	1700	1800	1900	1900
H1	MM	1400	1400	1500	1600	1600
L	MM	3435	3735	3935	3935	4735
L1	MM	1600	1800	2000	2000	2500
L2	MM	985	1085	1085	1085	1385
B	MM	1500	1600	1600	1800	2000
B1	MM	800	900	900	1100	1300
D	MM	1000	1000	1100	1200	1700
K1	MM	450	450	500	500	500
K2	MM	600	600	650	700	700

CONSULTANT:
Empirical Engineering Consultancy Pvt. Ltd.
Sukedhara, Kathmandu, Nepal
Email: empirical.cons@gmail.com, PH:015908021

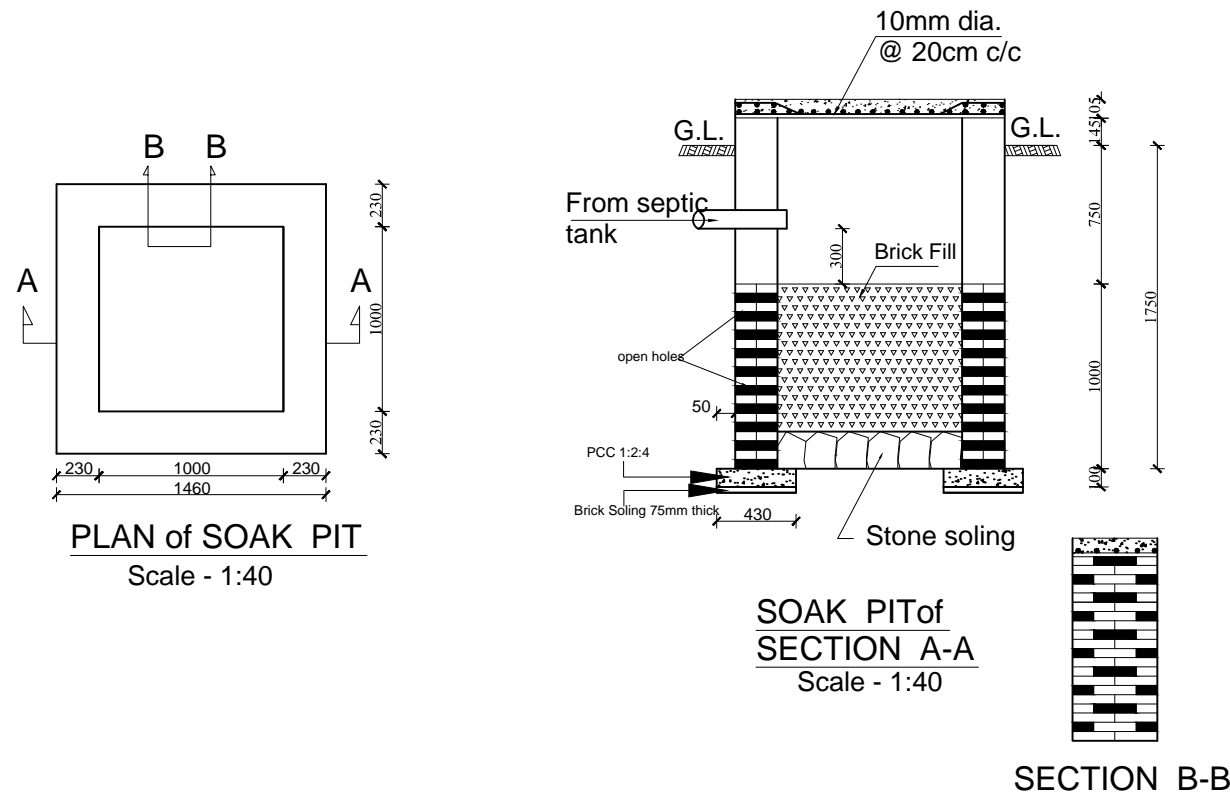
CLIENT:
Ghyanglekh Rural Municipality
Bagmati Province, Sindhuli, Nepal

PROJETCT:
Building Design Project
DPR of 10 Bed Primary Hospital

DESIGNED BY:
Er. Sajjan Poudel

DATE: June, 2021
SCALE: As per Mentioned

SHEET NO.



PLAN of SOAK PIT
Scale - 1:40

SOAK PIT of SECTION A-A
Scale - 1:40

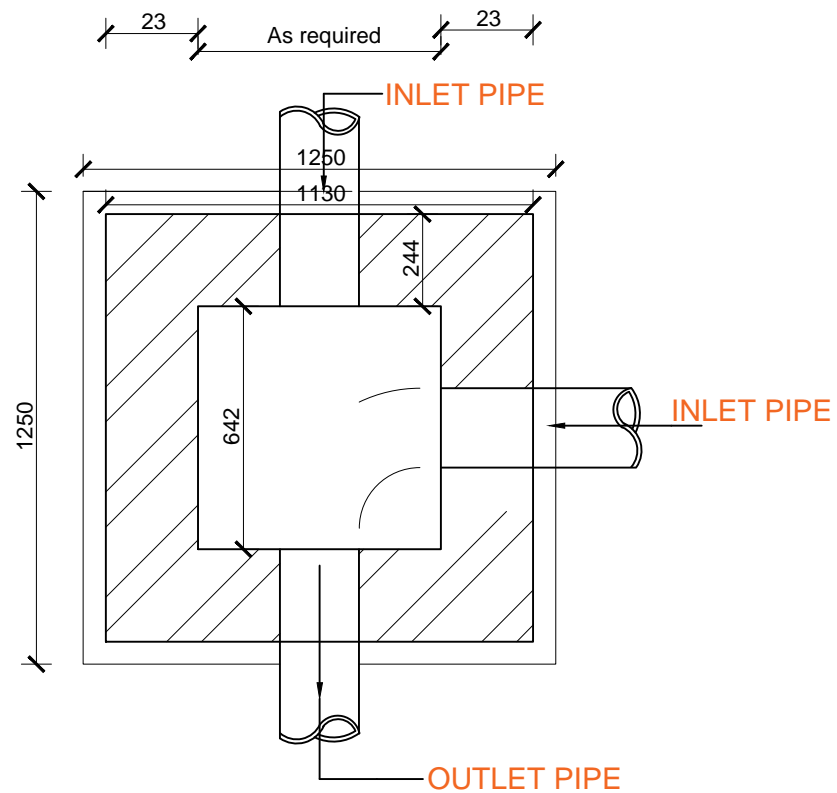
SECTION B-B

DIMENSION

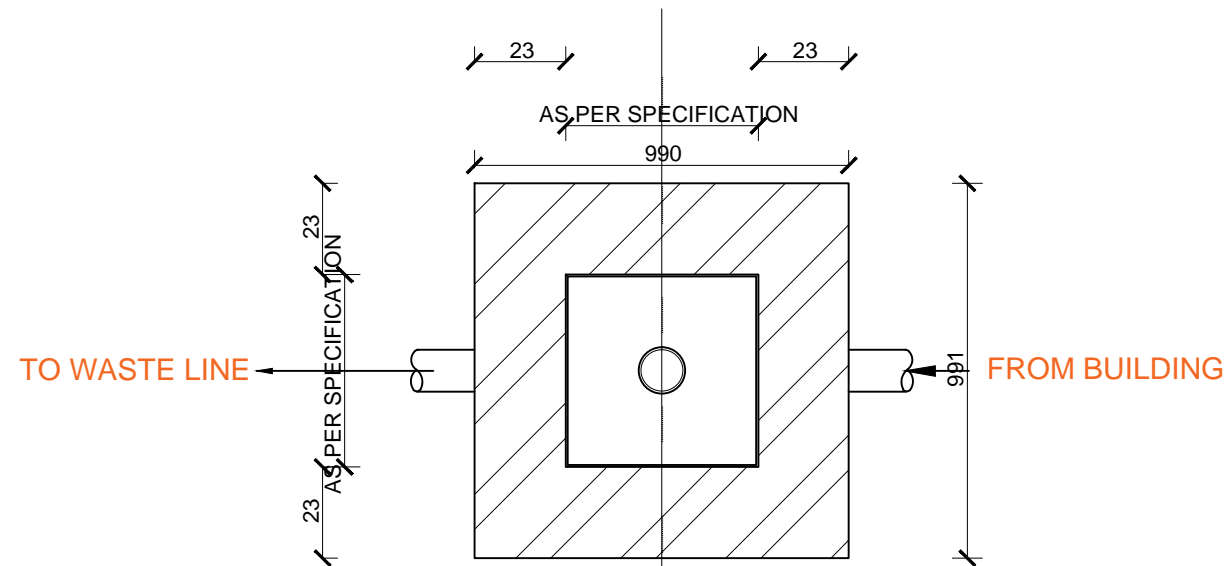
TYPE	D1	D2	L	M	N
P-1.0	1000	1000	1100	1200	1700
P-1.5	450	450	500	500	500
P-2.0	600	600	650	700	700

SCHEDULE OF MANHOLE

Manhole Type	Size	Length (L)	Width (W)	Depth (D)
GULLY TRAP CHAMBR	60*60	60	60	60
INSPECTION CHAMBER	75*75	75	75	75
GULLY TRAP CHAMBR	75*75	75	75	75



PLAN OF INSPECTION CHAMBER (MANHOLE)



GULLY TRAP-PLAN

CONSULTANT:
Empirical Engineering Consultancy Pvt. Ltd.
Sukedhara, Kathmandu, Nepal
Email: empirical.cons@gmail.com, PH:015908021

CLIENT:
Ghyanglekh Rural Municipality
Bagmati Province, Sindhuli, Nepal

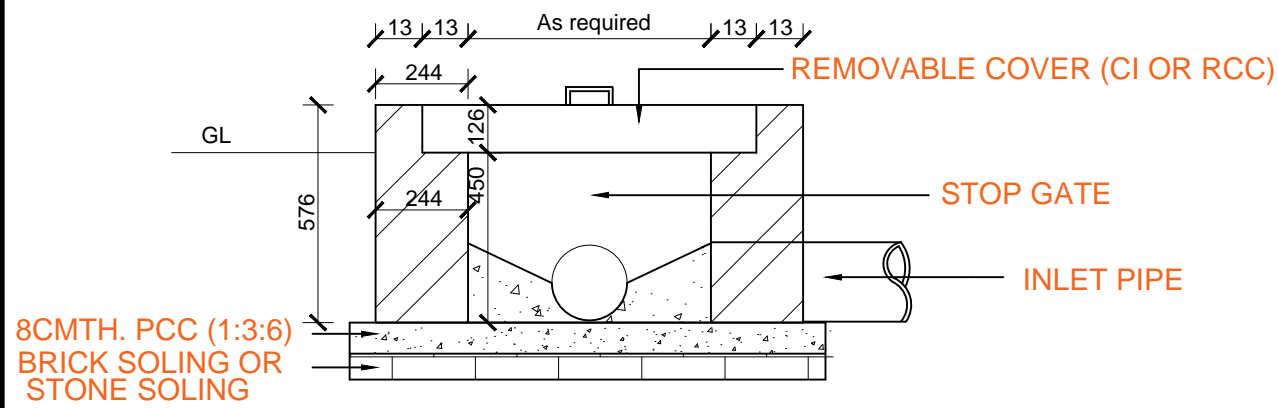
PROJETCT:
Building Design Project
DPR of 10 Bed Primary Hospital

DESIGNED BY:

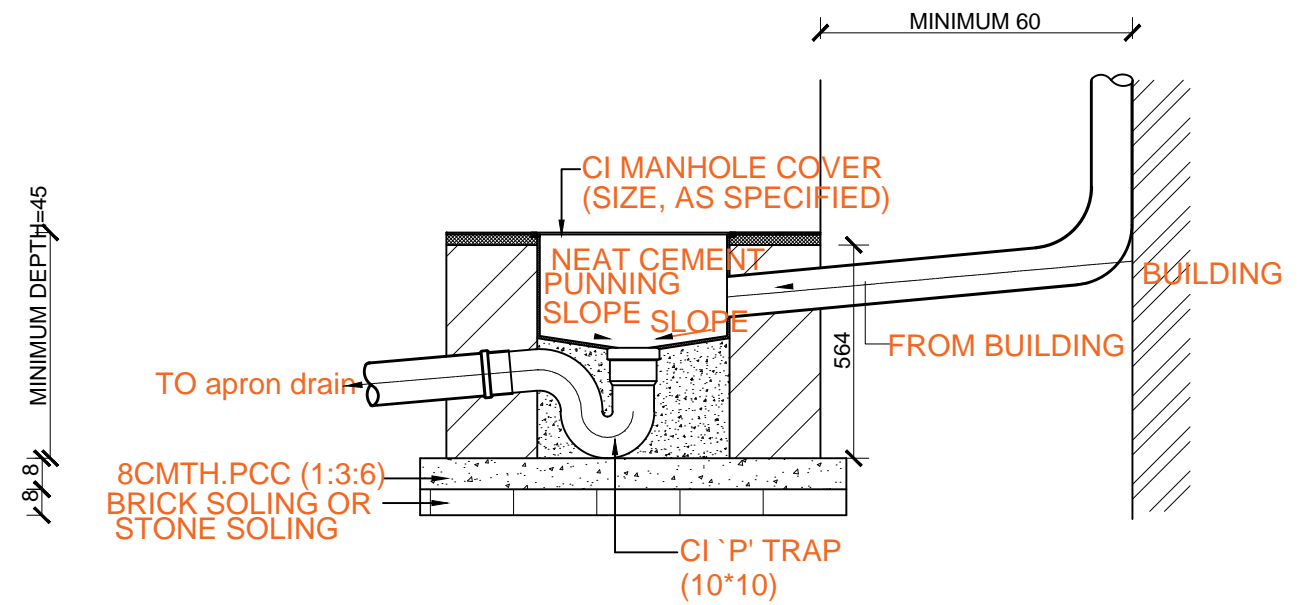
DATE: June, 2021

SCALE: As per Mentioned

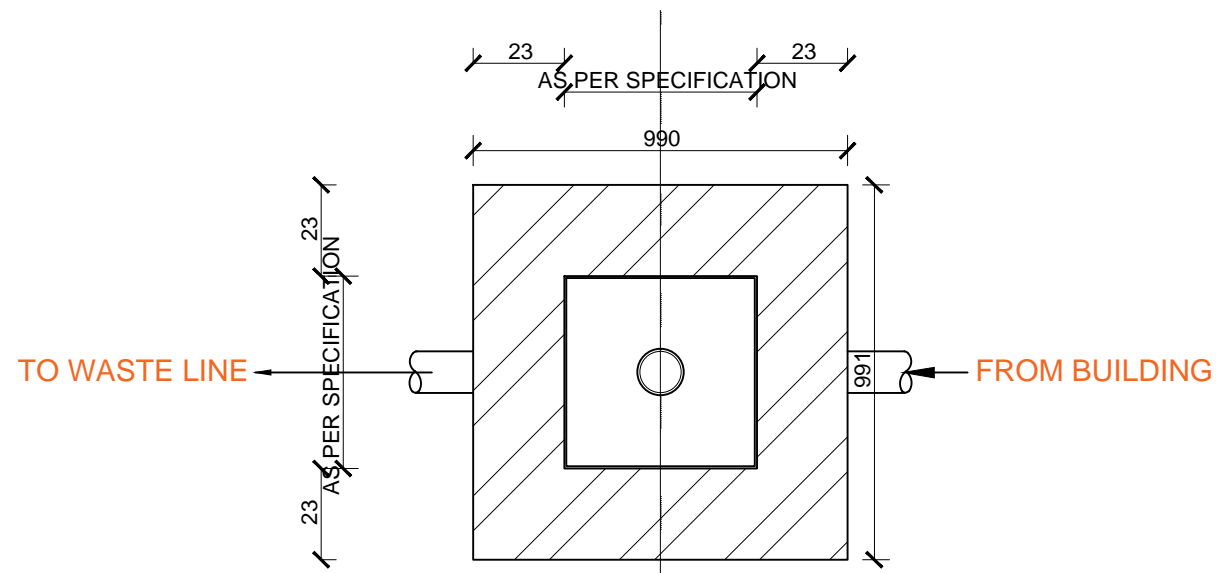
SHEET NO.



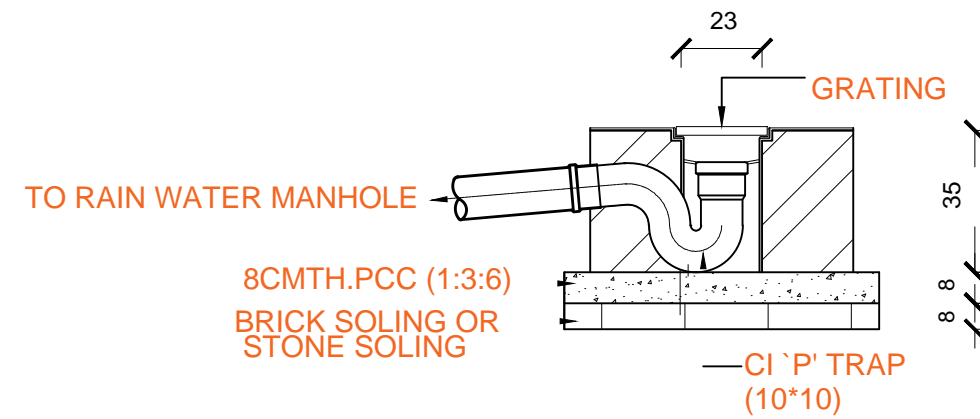
SECTION OF INSPECTION CHAMBER (MANHOLE)



GULLY TRAP-SECTION

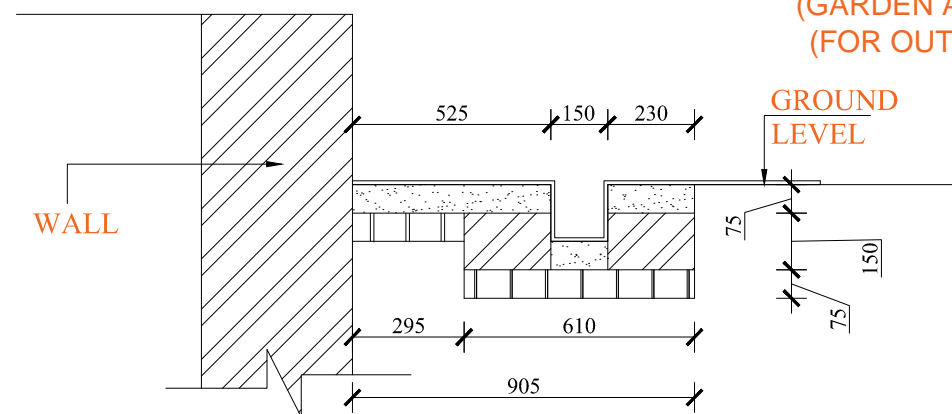


GULLY TRAP-PAN



RAIN WATER GULLY TRAP-SECTION

(GARDEN AND PAVING AREA)
(FOR OUTSIDE AREA)



Apron Drain Section

CONSULTANT:
Empirical Engineering Consultancy Pvt. Ltd.
Sukedhara, Kathmandu, Nepal
Email: empirical.cons@gmail.com, PH:015908021

CLIENT:
Ghyanglekh Rural Municipality
Bagmati Province, Sindhuli, Nepal

PROJETCT:
Building Design Project
DPR of Administrative Building

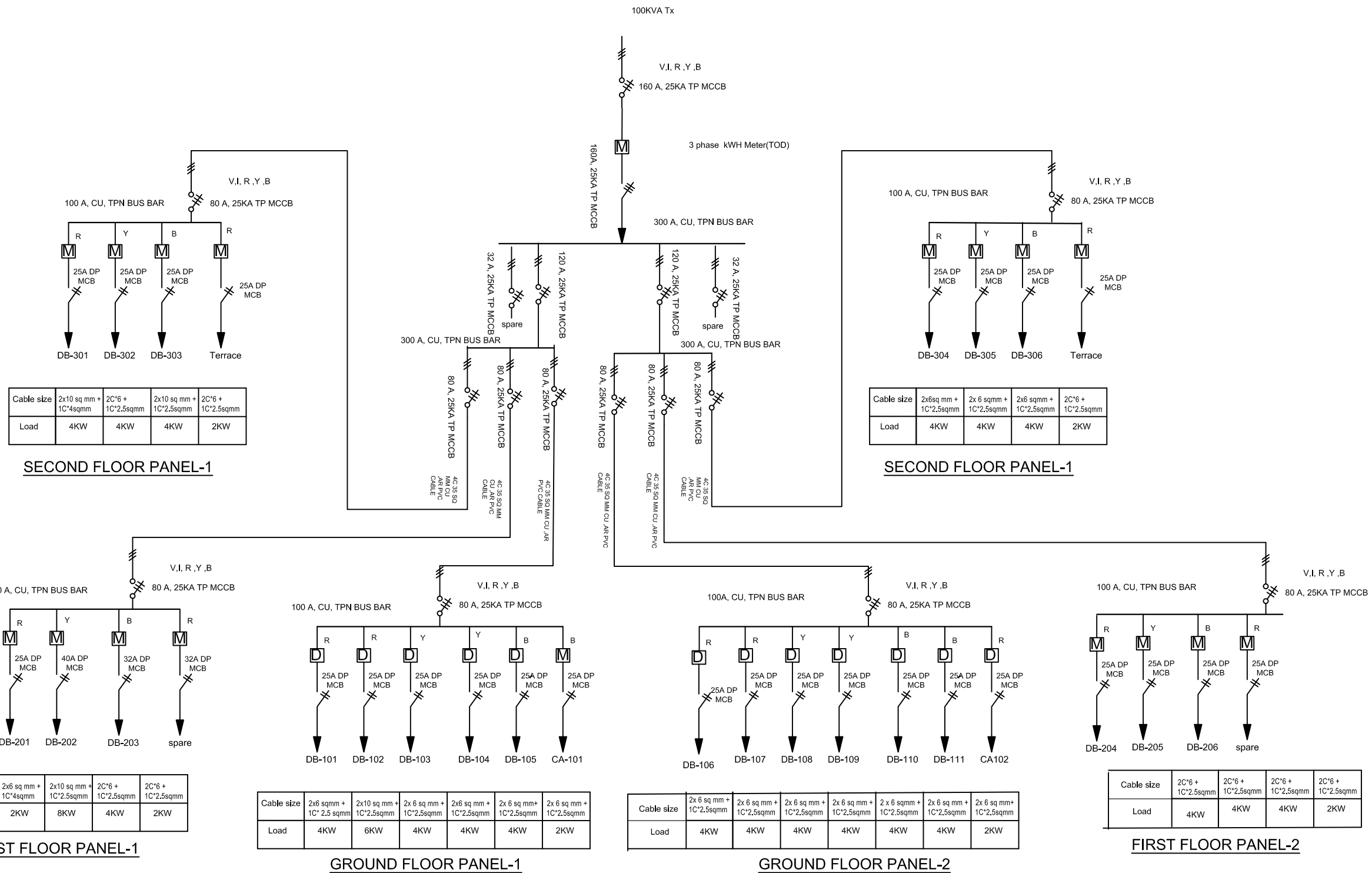
DESIGNED BY:
Er. Sajjan Poudel

DATE: June, 2021

SCALE: As per Mentioned

SHEET NO.

ELECTRICAL DRAWING



CONSULTANT:
Empirical Engineering Consultancy Pvt. Ltd.
 Sukedhara, Kathmandu, Nepal
 Email: empirical.cons@gmail.com, PH:015908021

CLIENT:
Ghyanglekh Rural Municipality
 Bagmati Province, Sindhuli, Nepal

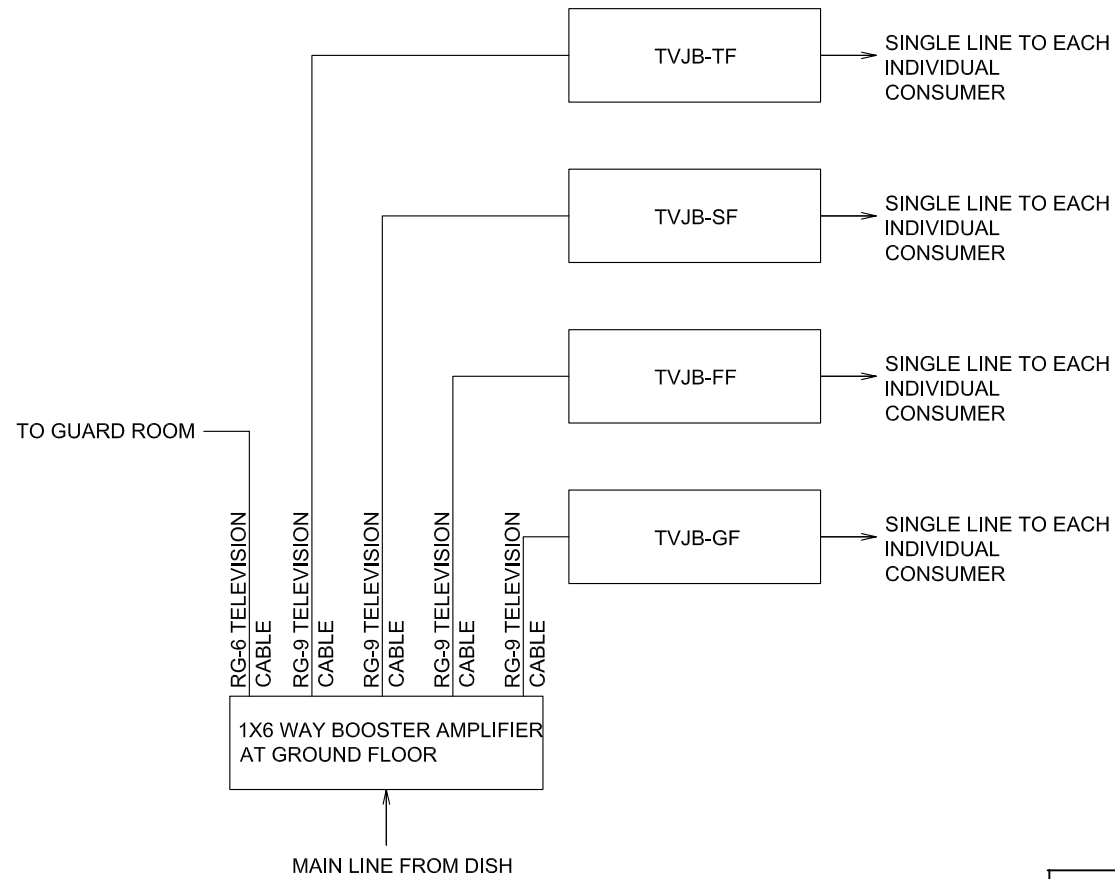
PROJETCT:
Building Design Project
 DPR of 10 BED Primary Hospital

Er. Ganesh Sapkota

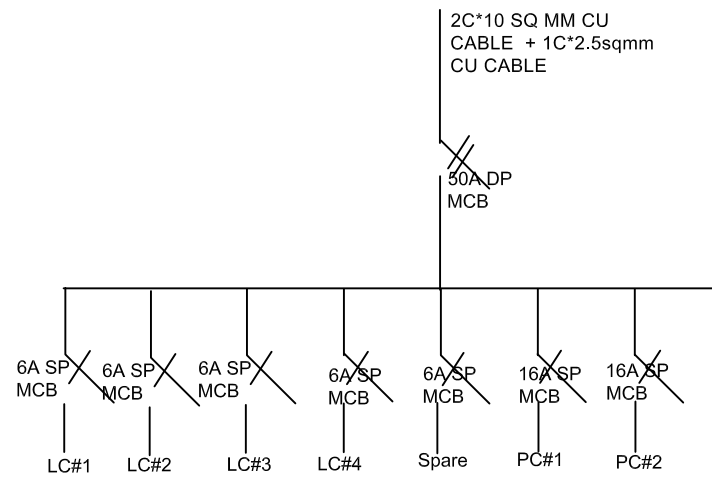
DATE: June, 2021

SCALE: As per Mentioned

SHEET NO.

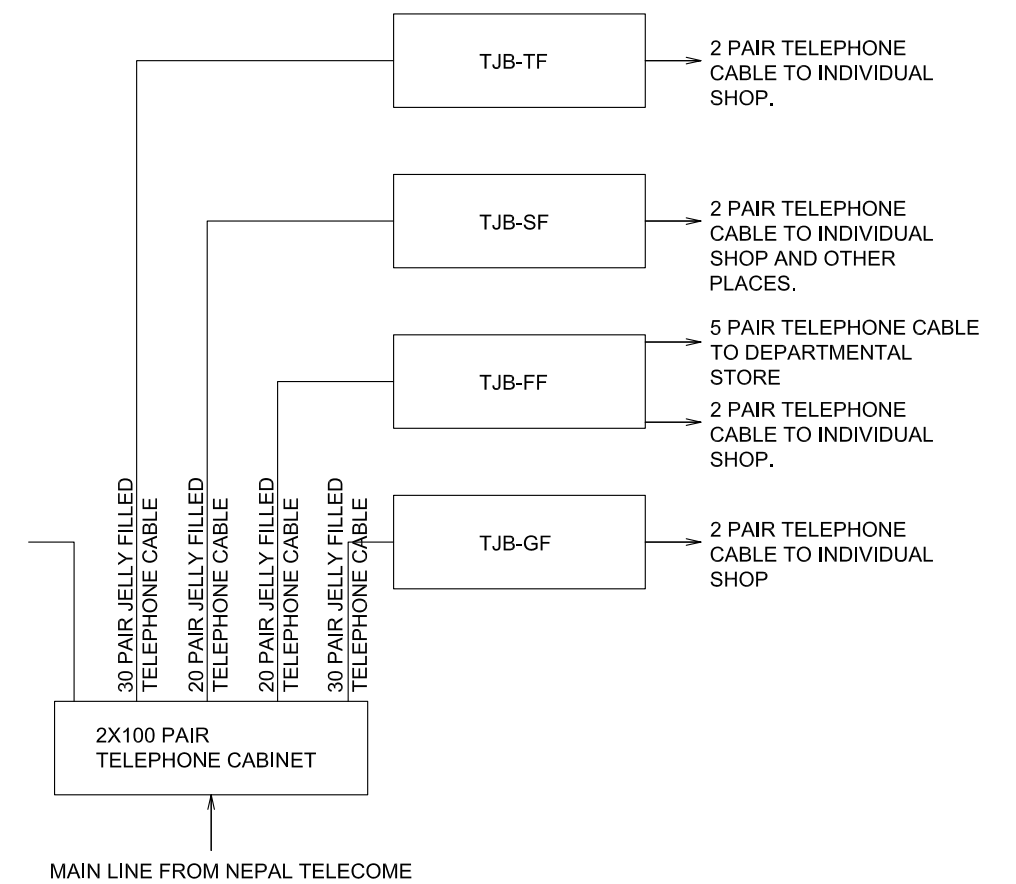


TELEVISION DISTRIBUTION BOARD

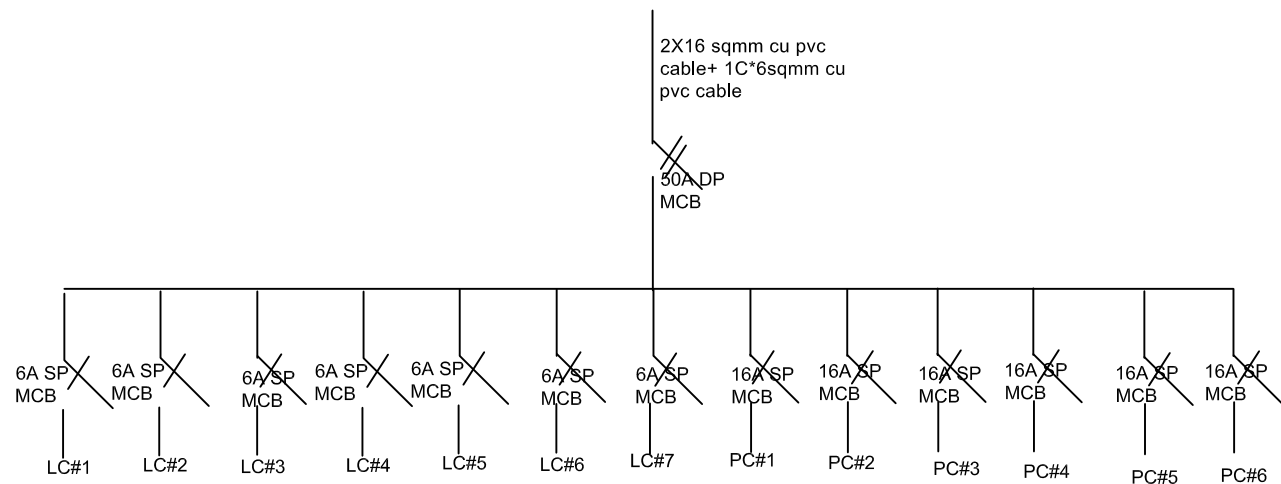


DB-CA101, CA102,

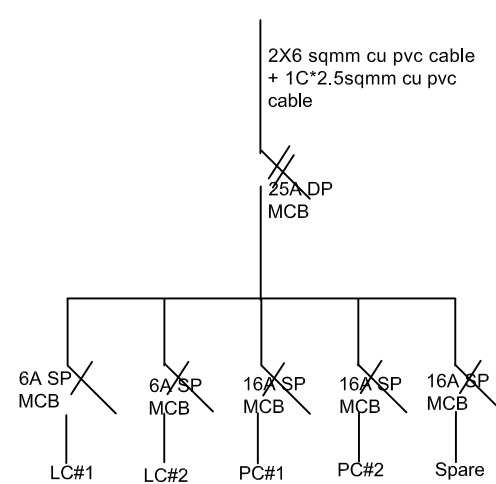
2 PAIR TELEPHONE CABLE TO GUARD ROOM



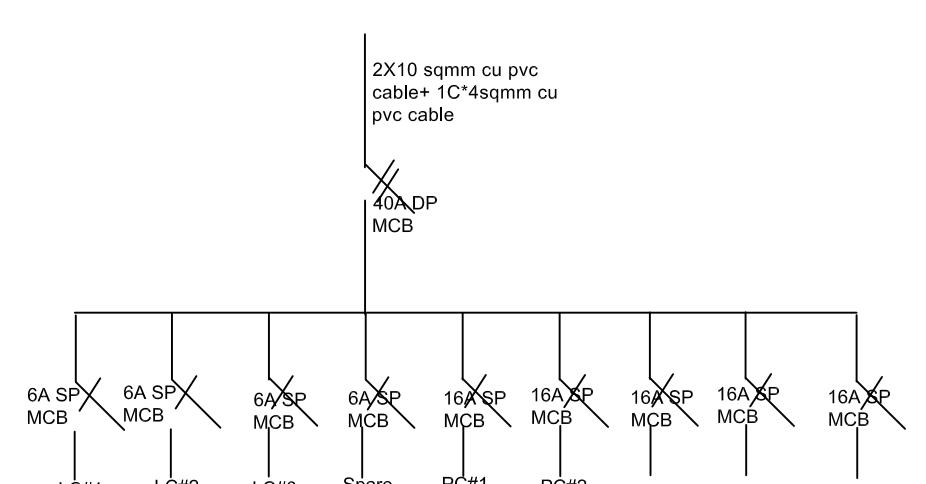
TELEPHONE DISTRIBUTION BOARD



DB-201,202,203,204,205,206,301,302,303,304,305,306



**DB-101,103,104,106,107,108
DB- 109,110,111,**



DB-102,105

CONSULTANT:
Empirical Engineering Consultancy Pvt. Ltd.
Sukedhara, Kathmandu, Nepal
Email: empirical.cons@gmail.com, PH:015908021

CLIENT:
Ghyanglekh Rural Municipality
Bagmati Province, Sindhuli, Nepal

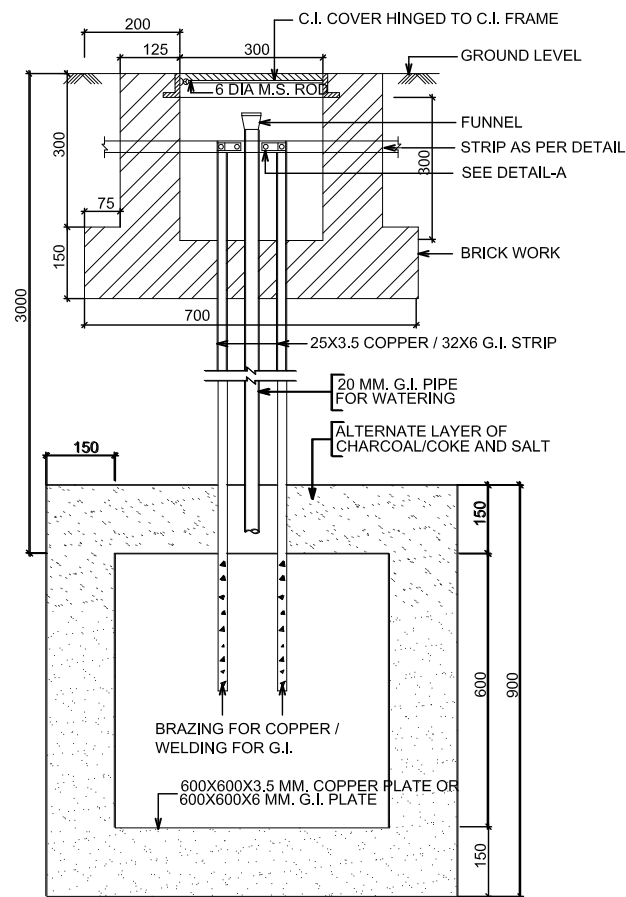
PROJETCT:
Building Design Project
DPR of 10 Bed Primary Hospital Building

DESIGNED BY:
Er. Ganesh Sapkota

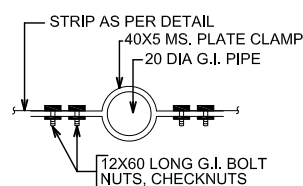
DATE: June, 2021

SCALE: As per Mentioned

SHEET NO.



DETAIL OF G.I. PLATE EARTHING



DETAIL-A
(SCALE-N.T.S.)

NOTES:-

1. BOLT, NUT, CHECKNUT & WASHERS SHALL BE OF G.I.
2. THE THICKNESS OF THE C.I. COVER SHALL BE 10 MM.
3. ALL DIMENSIONS ARE IN MM.

MOUNTING HEIGHT FROM F.F.L.*

1. SWITCH BOX ————— 1000 MM.
- 2. SOCKET OUTLET**
 - (a) IN TOILET ————— 1000 MM.
 - (b) IN KITCHEN ————— 230 MM. ABOVE COOKING SLAB
 - (c) FOR GEYSER ————— 1650MM.
 - (d) FOR FREADGE ————— 1500MM.
 - (e) FOR EXHAUST FAN — NEXT TO EXHAUST FAN OPENING
 - (f) ELSEWHERE ————— 230 MM.
 - (g) 6A SOCKET OUTLET IN BEDROOM — ON SWITCH BOX
- 3. BRACKET LIGHT**
 - a) ABOVE WASH BASIN ————— 1800 MM.
 - b) ELSEWHERE ————— 2100 MM.
 - c) ABOVE LINTEL ————— 150 MM.
4. BELL PUSH ————— 1000 MM.
5. BUZZER ————— 2400 MM.
6. T.V. & TELEPHONE OUTLET — 230 MM.
7. MCP ————— 1400 MM.
8. HOOTER ————— 2400 MM.
9. DISTRIBUTION BOARD ————— 1500 MM.
10. JUNCTION BOX FOR TELEPHONE 1500 MM.
11. JUNCTION BOX FOR T.V. ————— 1500 MM.

*** OR AS DIRECTED BY THE ARCHITECT.**

LEGEND

S.N.	SYMBOL	DESCRIPTION	FISTURE HEIGHT
1.		CONTROL PANEL	LOWER LEVEL SHALL BE 600MM FROM FFL.
2.		DISTRIBUTION BOARD	UPPER LEVEL SHALL BE 1800MM FROM FFL.
3.		1, 2, 3, 4 GANG SWITCH	1350MM FROM FFL.
4.		1 GANG 2-WAY SWITCH	1350MM FROM FFL.
5.		2 GANG 2-WAY SWITCH	1350MM FROM FFL.
6.		3 GANG 2-WAY SWITCH	1350MM FROM FFL.
7.		2X36 WATT FLT, LOUVER TYPE, MIRROR OPTICS RECESSED LIGHT FITTINGS	-
8.		4X14 WATT FLT, LOUVER TYPE MIRROR OPTICS, RECESSED LIGHT FITTINGS	-
9.		1X18 WATT FTL MIRROR LIGHT FIXTURE WITH ACRYLIC COVER AND CAP	1800MM FROM FINISHED FLOOR LEVEL
10.		1X18 WATT CFL, W/P BULKHEAD LIGHT FITTING	-
11.		2X25 WATT CFL, 8" DOME LIGHT FIXTURES	-
12.		1X18 WATT CFL, 6" DOME LIGHT FIXTURES	-
13.		1X23 WATT CFL, 8" DOME LIGHT FIXTURES	-
14.		16A RATED UNIVERSAL POWER SOCKET	300MM FROM FINISHED FLOOR LEVEL
15.		TELEPHONE SOCKET	300MM FROM FINISHED FLOOR LEVEL
16.		TELEVISION SOCKET	300MM FROM FINISHED FLOOR LEVEL
17.	LC#1	LIGHT CIRCUIT NO. 1	-
18.	PC#1	POWER CIRCUIT NO.1	-
19.	S1	SWITCH NO S1	-
20.	1L2S1	LC#1, LIGHT N0-2, SWITCH NO-1	-
21.	TJB	TELEPHONE JUNCTION BOX	-
22.	TVJB	TELEVISION JUNCTION BOX	-
23.	TC	TELEPHONE CABINET	-
24.		EXHAUST FAN	-
25.		CEILING FAN	-
26.		5 MTR HIGHT MS POLE WITH 20 WATT SOLAR SYSTEM STREET LIGHT	-
27.		65MM HDPE PIPE VERTICALLY UP TO 1ST FLOOR AND DOWN TO GROUND LEVEL	
28.		50MM HDPE PIPE VERTICALLY UP TO 1ST FLOOR AND DOWN TO GROUND LEVEL	
29.		32mm HDPE pipe for submain conduit from main DB to room DB(1 nos for electrical line other for tv/tele line	
30.		1 phase 10A-60A Energy meter	
31.		1 phase 10A-60A Dual Energy meter	

CONSULTANT:
Empirical Engineering Consultancy Pvt. Ltd.
Sukedhara, Kathmandu, Nepal
Email: empirical.cons@gmail.com, PH:015908021

CLIENT:
Ghyanglekh Rural Municipality
Bagmati Province, Sindhuli, Nepal

PROJETCT:
Building Design Project
DPR of 10 BEd Primary Hospital


















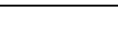
Er. Ganesh Sapkota













DATE: June, 2021

SCALE: As per Mentioned

SHEET NO.

LEGEND

SN	SYMBOL	DESCRIPTION	FIXING HEIGHT
1		Main Distribution Board(MDB)	2000 mm above FFL beam
2		1,2,3,4 Gang switch	1350mm above FFL
3		1Gang-2Way, 2Gang-2Way Switch	1350mm above FFL
4		Decorative pendant fixture with 5 nos of 18 watt CFL lamps	
5		BELL PUSH SWITCH	
6		BELL BUZZER	
7		EXHAUST FAN	On the wall 100 mm above the door
8		Recessed mounting 1x36 watt FTL Fixture with mirror optics with mirror optics & louver	
9		1 x 18 watt FTL fixture with acrylic cover and cap	
10		12" dia flat dome fixture with 18 watt CFL lamp and frosted glass	
11		Recessed down light fixture with 26 watt CFL lamp	
12		Recessed mounting down light fixture with 18 watt CFL lamp	
13		Recessed mounting down light fixture with 11W CFL (Operated by DC voltage)	
14		Wall bracket fixture with 9w CFL lamp	
15		Wall bracket fixture with 18w CFL lamp	
16		Wall bracket fixture with 11w CFL (Operated by DC voltage)	
17		Water proof bulk head fixture with 18 watt CFL lamp	2400mm above FFL
18		1*18w FTL Mirror Light fixture with acrylic cover & cap	

SN	SYMBOL	DESCRIPTION	FIXING HEIGHT
		13 amp rated 3 pin switch socket	250mm above FFL
18		5 amp rated 3 pin switch socket	250mm above FFL
19		5 amp rated 2 pin switch socket	1350mm above FFL
20		Power Socket marked (*) shall be installed at 42" above FFL	1050mm above FFL
21		Power Socket marked (**) shall be installed at 78" above FFL	1950mm above FFL
22		13 amp rated 3 pin switch socket with backup system.	
23		Telephone Socket	250mm above FFL
24		TV Socket	250mm above FFL
25	LC#	Light Circuit Number	
26	PC#	Power Circuit Number	
27	S1	switch no.1	
28	1L2S1	Light Circuit # 1 ,Light No # 2 and switch # 2	
29	2L3S4	Light Circuit # 2 ,Light No # 3 and switch # 4	
30	(1L2S1)	Light Circuit # 1 ,Light No # 2 and switch # 2 (With inverter)	
31		Three pole MCCB	
32		Single pole MCB	
33		Double pole MCB	
32		Three pole MCB	

CONSULTANT:
Empirical Engineering Consultancy Pvt. Ltd.
 Sokedhara, Kathmandu, Nepal
 Email: empirical.cons@gmail.com, PH:015908021

CLIENT:
Ghyanglekh Rural Municipality
 Bagmati Province, Sindhuli, Nepal

PROJETCT:
Building Design Project
 DPR of 10 Bed Primary Hospital

DESIGNED BY:
 Er. Ganesh Sapkota

DATE: June, 2021

SCALE: As per Mentioned

SHEET NO.