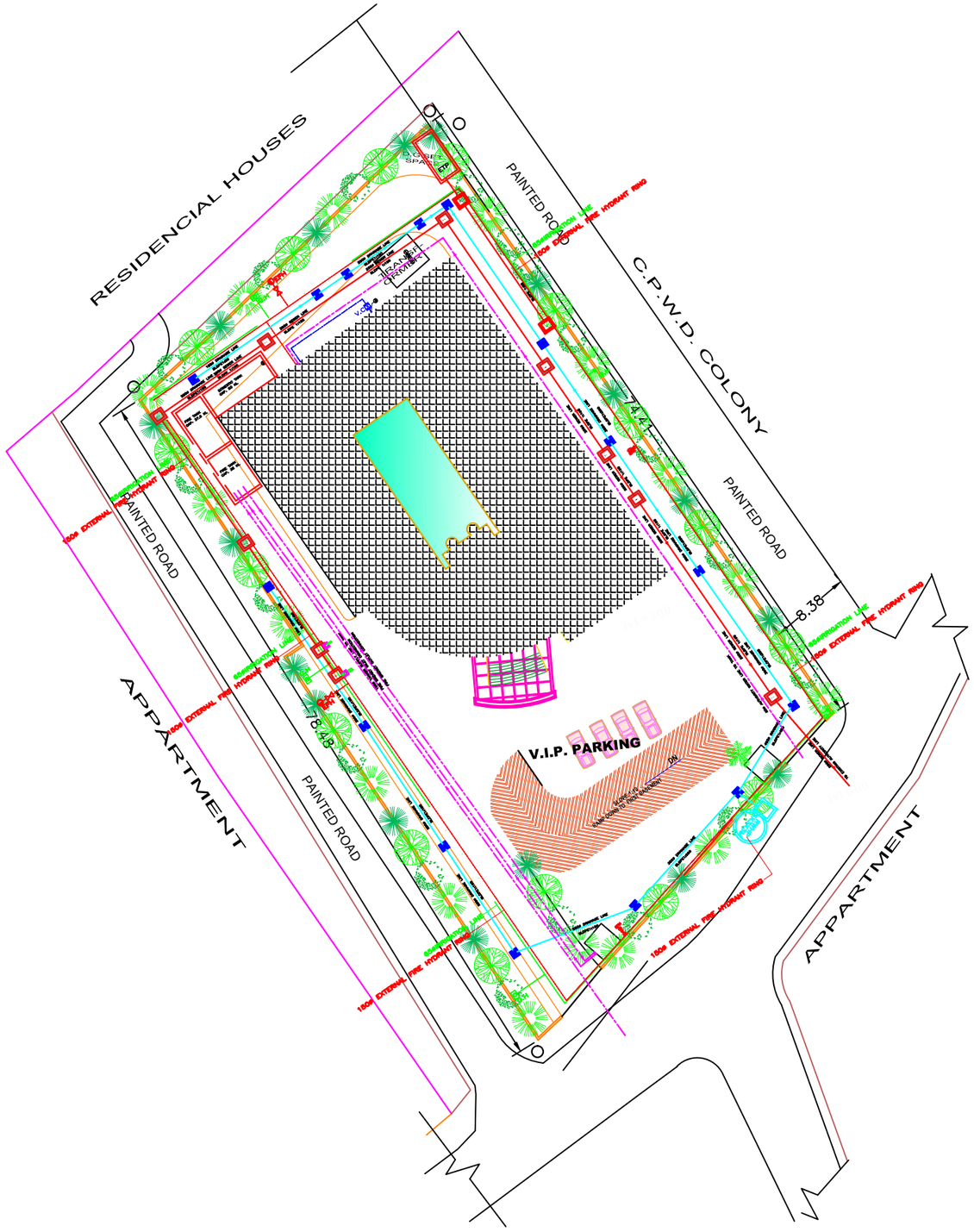

TOTAL PLOT AREA :0.81 ACRES : 3279.2 SQMT

NORMS AS PER MPD 2021

PERMISSIBLE GROUND COVERAGE:30 % OF PLOT AREA
PERMISSIBLE FAR :150
MAXIMUM BUILDING HEIGHT 18.5 MT
CAR PARKING :2ECS PER 100 SQM

SET BACK:

FRONT :9MT
REAR :6MT
SIDE :6MT

GROUND FLOOR AREA : 979.25 SQM

LOWER BASEMENT FLOOR AREA:1744.29 SQM
UPPER BASEMENT FLOOR AREA:1744.29 SQM

ACHIEVED GROUND COVERAGE :979.0SQM(29.85%)
ACHIEVED F.A.R:1.17

LEGEND FOR PLUMBING

	GARDEN HYDRANT
	65Ø IRRIGATION RING
	65Ø COLD WATER SUPPLY PIPE
	SEWER PIPE LINE
	DRAINAGE PIPE LINE
	EXTERNAL FIRE HYDRANT
	EXTERNAL FIRE HYDRANT RING

CLIENT			NORTH	CONCEPTUAL DRAWING		DRAWING TITLE	PROJECT TITLE	ARCHITECT
	Plumbing and Fire Protection Consulting Services SYSTEM CONSULTANCY SERVICES I - 4/22, Sector 16, Rohini Email: writetoscs@gmail.com	H.L.L.		GRID : 2M X 2M	DATE:	SITE PLAN PLUMBING LAYOUT PLAN	PROPOSED Construction of CGHS wellness center and Administrative Building at R.K.Puram, Sector-13, New Delhi	

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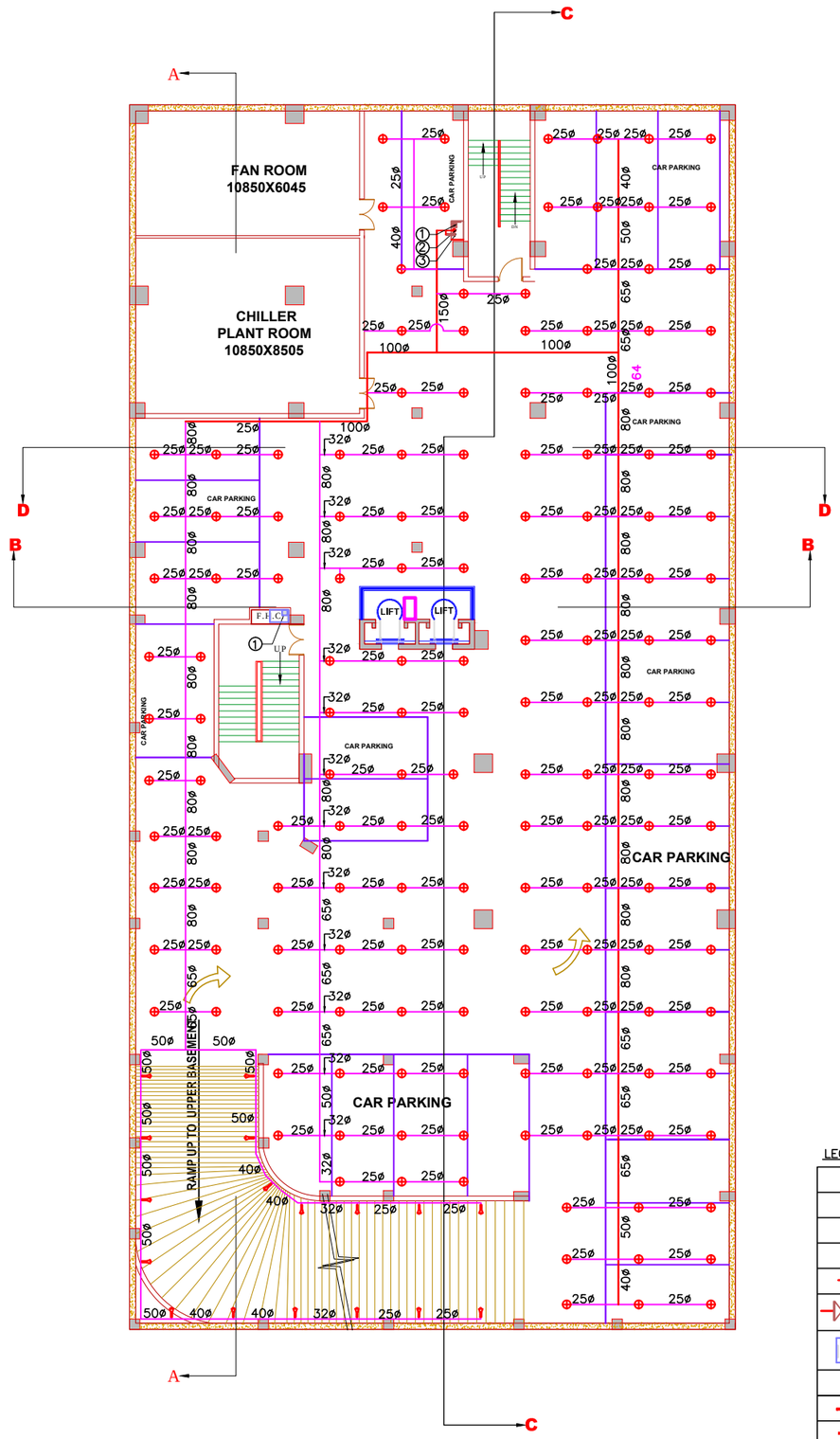


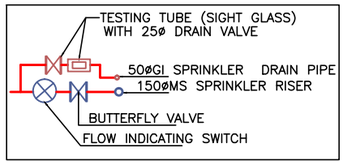
LOWER BASEMENT PLAN
(GRID 1mx1m)

①	100ø M.S. WET RISER
②	150ø M.S.SPRINKLER RISER
③	50ø G.I. DRAIN PIPE
④	150ø FIRE DN.TK. PIPE

SCHEDULE OF SPRINKLER PIPING

NUMBER OF SPR.	DIAMETER OF PIPE
upto 2	25mm Nominal Bore
3	32mm Nominal Bore
4 to 5	40mm Nominal Bore
6 to 10	50mm Nominal Bore
11 to 20	65mm Nominal Bore
21 to 60	80mm Nominal Bore
61 to 100	100mm Nominal Bore
above 101	150mm Nominal Bore

ZONAL CONTROL VALVE



LEGEND

	PENDENT TYPE SPRINKLER
	PENDENT UP–RIGHT TYPE SPRINKLER
	SIDE WALL TYPE SPRINKLER
	FLOW INDICATING SWITCH
	BUTTERFLY VALVE
	TESTING TUBE (SIGHT GLASS) WITH 25ø DRAIN VALVE
	FIRE HOSE CABINET 1200X600X2100mm
EFH	EXTERNAL FIRE HYDRANT
F	FIRE LINE
	4.5 KG CO2 PORTABLE FIRE EXTINGUISHER
	5 KG ABC DRY POWDER PORTABLE FIRE EXTINGUISHER

PRESENTATION DRAWING

NOTES -

DO NOT SCALE DRAWING ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED

SL. NO.	DESCRIPTION	BY	DATE

REVISIONS

SL. NO.	DESCRIPTION	BY	DATE

Plumbing and Fire Protection Consulting Services
SYSTEM CONSULTANCY SERVICES
I - 4/22, Sector 16, Rohini
Email: writetoscs@gmail.com

PROJECT
Construction of CGHS wellness centre and
Administrative Building at R.K.Puram, Sector-13, New Delhi

PMC
HLL LIFECARE LIMITED ,B-14/A
SECTOR -62
NOIDA-201307

ARCHITECT
SKYLINE
architectural consultants pvt ltd.
architects,engineers & interior designers
office : IInd floor laxmi vardan commercial complex at patnakar puram crossing gomti nagar lko U.P INDIA
dial : 0522-2394123,2393123,4044123 fax 0522-2393126
email : skyline@usahcc.com,architectskyline315@gmail.com
website : www.skylinearchitect.com
asso office : 49197 WIXOM TECH DRIVE SUITE-B WIXOM,MICHIGAN MICHIGAN, USA - 48393 TEL : (248)875-1200,FAX (248)875-1201
AN ISO 9001:2008 CERTIFIED
architect : sanjay & vijay sinha

TITLE
FIRE FIGHTING LAYOUT
LOWER BASEMENT PLAN

SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPV'D BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–101	REV.
SHEET NO.		R-0

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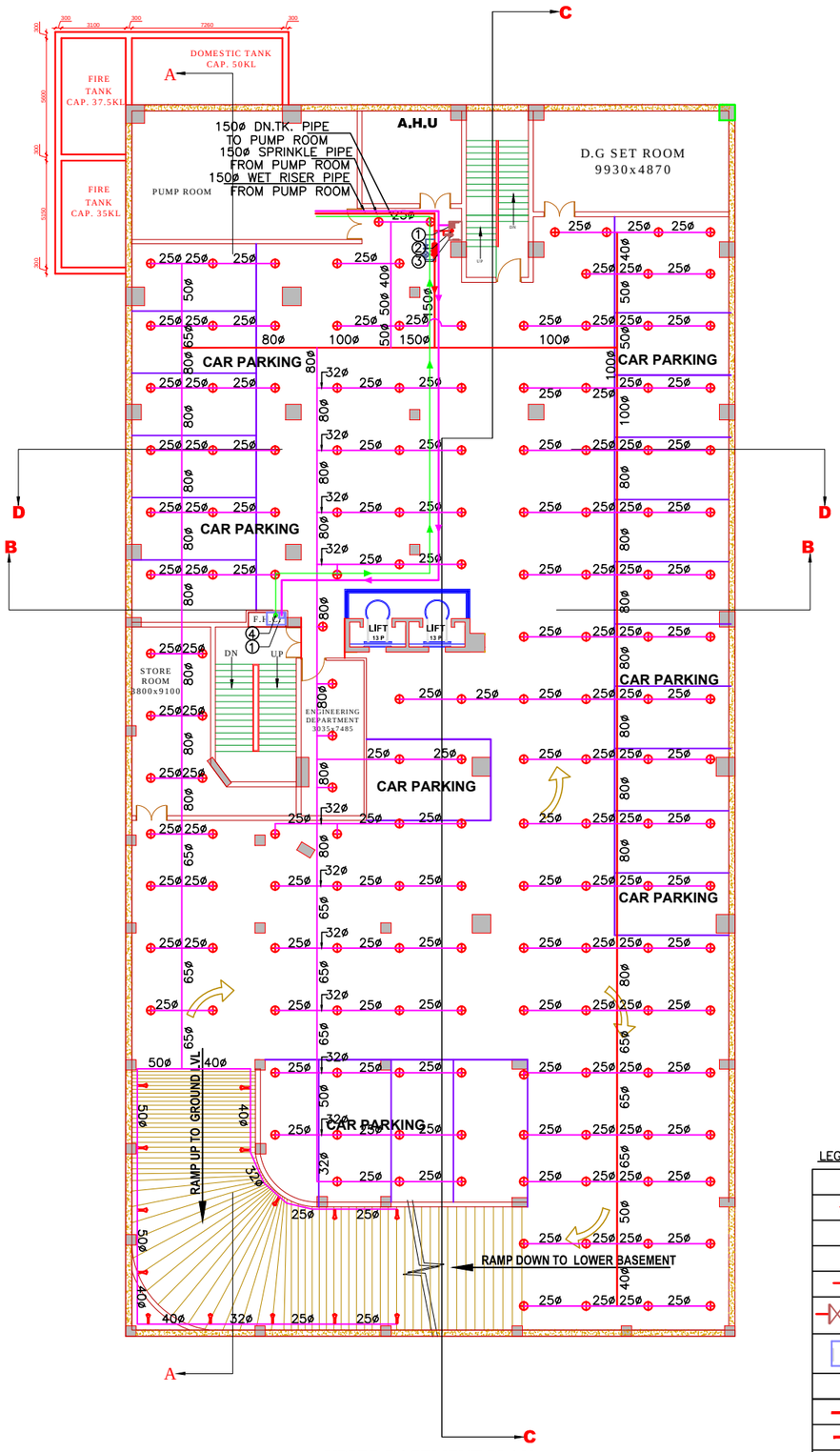


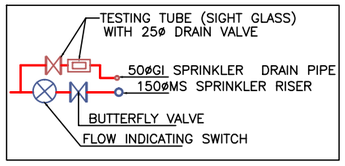
UPPER BASEMENT PLAN
(GRID 1mx1m)

①	100ø M.S. WET RISER
②	150ø M.S.SPRINKLER RISER
③	50ø G.I. DRAIN PIPE
④	150ø FIRE DN.TK. PIPE

SCHEDULE OF SPRINKLER PIPING

NUMBER OF SPR.	DIAMETER OF PIPE
upto 2	25mm Nominal Bore
3	32mm Nominal Bore
4 to 5	40mm Nominal Bore
6 to 10	50mm Nominal Bore
11 to 20	65mm Nominal Bore
21 to 60	80mm Nominal Bore
61 to 100	100mm Nominal Bore
above 101	150mm Nominal Bore

ZONAL CONTROL VALVE



LEGEND

⊕	PENDENT TYPE SPRINKLER
	PENDENT UP–RIGHT TYPE SPRINKLER
	SIDE WALL TYPE SPRINKLER
⊗	FLOW INDICATING SWITCH
	BUTTERFLY VALVE
	TESTING TUBE (SIGHT GLASS) WITH 25ø DRAIN VALVE
	FIRE HOSE CABINET 1200X600X2100mm
EFH	EXTERNAL FIRE HYDRANT
—F—	FIRE LINE
	4.5 KG CO2 PORTABLE FIRE EXTINGUISHER
	5 KG ABC DRY POWDER PORTABLE FIRE EXTINGUISHER

PRESENTATION DRAWING

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AN ISO 9001:2008 CERTIFIED
architect : sanjay & vijay sinha

TITLE
FIRE FIGHTING LAYOUT PLAN
UPPER BASEMENT PLAN

SCALE - N.T.S.	DATE
PRPD. BY CHITRAVIR	
CHKD. BY CHINMOY	
APPVD BY R. SINGH	

DRAWING NO. HLL R.K. PURAM / PL–102 REV.
SHEET NO. R-0

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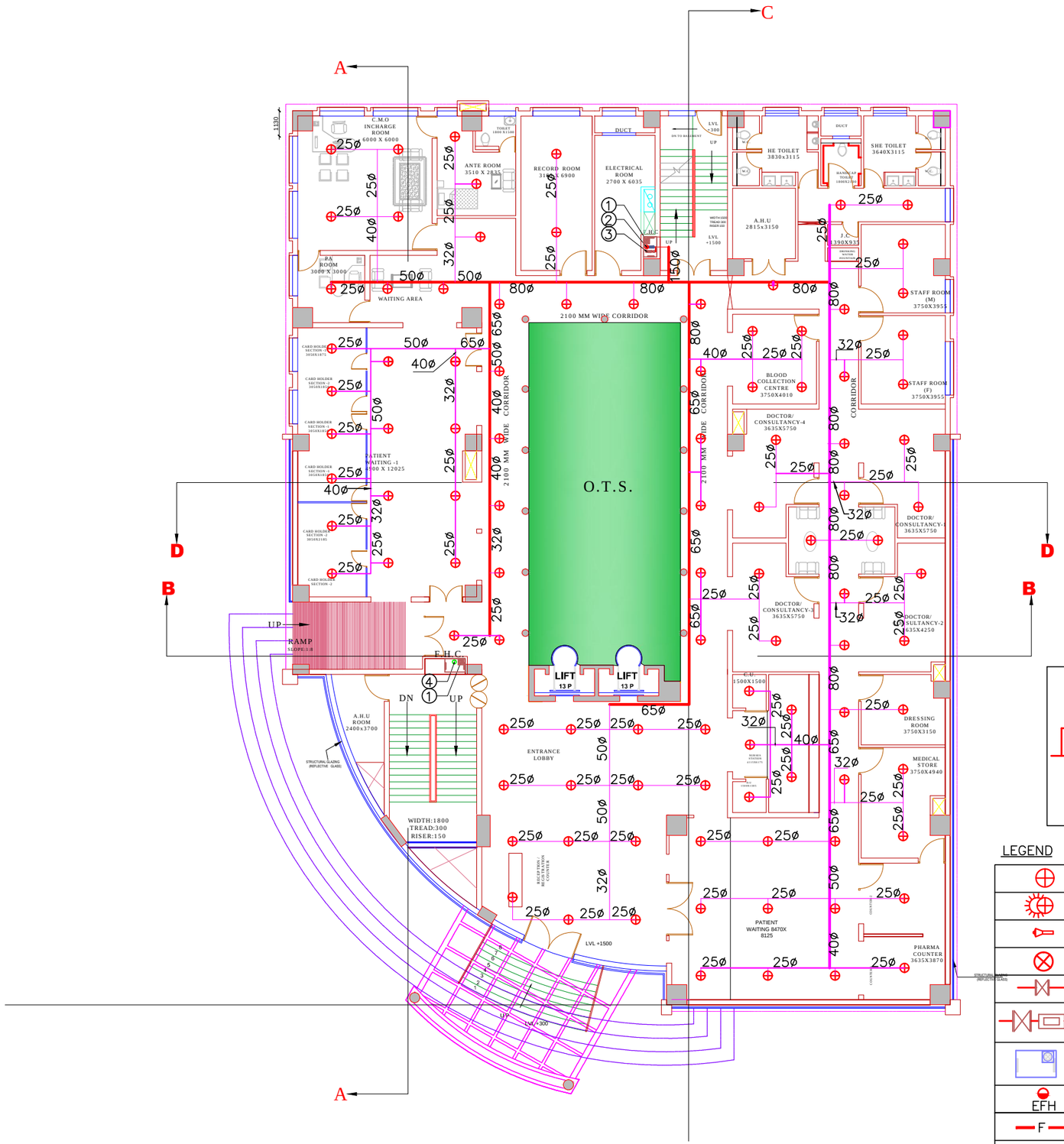


GROUND FLOOR PLAN

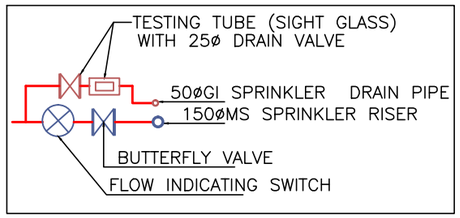
(GRID 1mx1m)

1	100ø M.S. WET RISER
2	150ø M.S.SPRINKLER RISER
3	50ø G.I. DRAIN PIPE
4	150ø FIRE DN.TK. PIPE

SCHEDULE OF SPRINKLER PIPING

NUMBER OF SPR.	DIAMETER OF PIPE
upto 2	25mm Nominal Bore
3	32mm Nominal Bore
4 to 5	40mm Nominal Bore
6 to 10	50mm Nominal Bore
11 to 20	65mm Nominal Bore
21 to 60	80mm Nominal Bore
61 to 100	100mm Nominal Bore
above 101	150mm Nominal Bore

ZONAL CONTROL VALVE



LEGEND

	PENDENT TYPE SPRINKLER
	PENDENT UP–RIGHT TYPE SPRINKLER
	SIDE WALL TYPE SPRINKLER
	FLOW INDICATING SWITCH
	BUTTERFLY VALVE
	TESTING TUBE (SIGHT GLASS) WITH 25ø DRAIN VALVE
	FIRE HOSE CABINET 1200X600X2100mm
EFH	EXTERNAL FIRE HYDRANT
F	FIRE LINE
	4.5 KG CO2 PORTABLE FIRE EXTINGUISHER
	5 KG ABC DRY POWDER PORTABLE FIRE EXTINGUISHER

PRESENTATION DRAWING

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website : www.skylinearchitect.com
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AN ISO 9001:2008 CERTIFIED
architect : sanjay & vijay sinha

TITLE
FIRE FIGHTING LAYOUT
GROUND FLOOR PLAN

SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPVD BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–104	REV.
SHEET NO.		R-0

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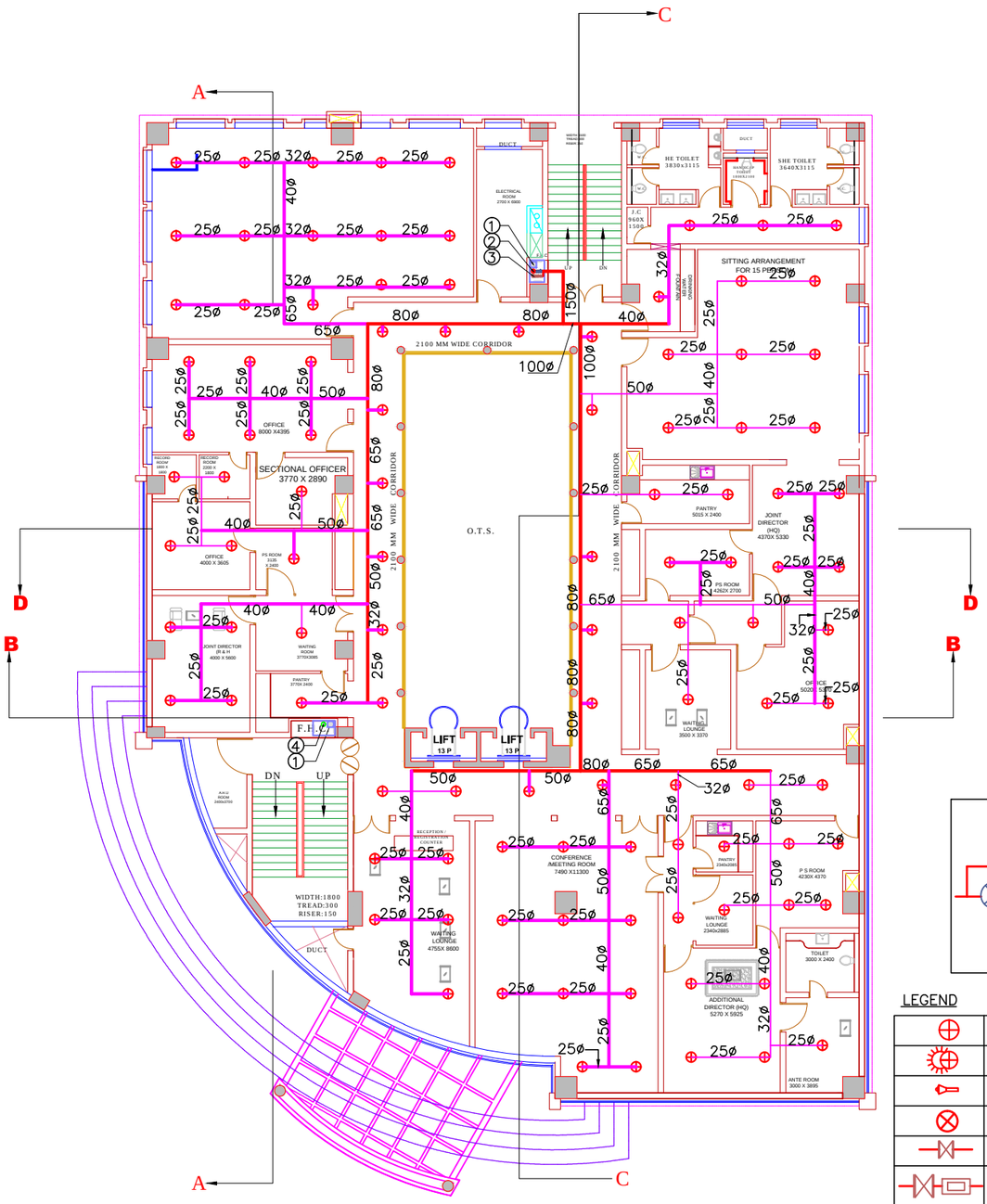


FIRST FLOOR PLAN

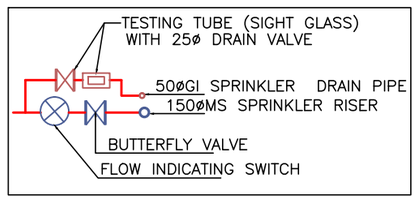
(GRID 1mx1m)

1	100ø M.S. WET RISER
2	150ø M.S.SPRINKLER RISER
3	50ø G.I. DRAIN PIPE
4	150ø FIRE DN.TK. PIPE

SCHEDULE OF SPRINKLER PIPING

NUMBER OF SPR.	DIAMETER OF PIPE
upto 2	25mm Nominal Bore
3	32mm Nominal Bore
4 to 5	40mm Nominal Bore
6 to 10	50mm Nominal Bore
11 to 20	65mm Nominal Bore
21 to 60	80mm Nominal Bore
61 to 100	100mm Nominal Bore
above 101	150mm Nominal Bore

ZONAL CONTROL VALVE



LEGEND

	PENDENT TYPE SPRINKLER
	PENDENT UP–RIGHT TYPE SPRINKLER
	SIDE WALL TYPE SPRINKLER
	FLOW INDICATING SWITCH
	BUTTERFLY VALVE
	TESTING TUBE (SIGHT GLASS) WITH 25ø DRAIN VALVE
	FIRE HOSE CABINET 1200X600X2100mm
EFH	EXTERNAL FIRE HYDRANT
F	FIRE LINE
	4.5 KG CO2 PORTABLE FIRE EXTINGUISHER
	5 KG ABC DRY POWDER PORTABLE FIRE EXTINGUISHER

PRESENTATION DRAWING

NOTES -

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I - 4/22, Sector 16, Rohini
Email: writetoscs@gmail.com

PROJECT
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PMC
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architect : sanjay & vijay sinha

TITLE
FIRE FIGHTING LAYOUT
FIRST FLOOR PLAN

SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPVD. BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–105	REV.
SHEET NO.		R-0

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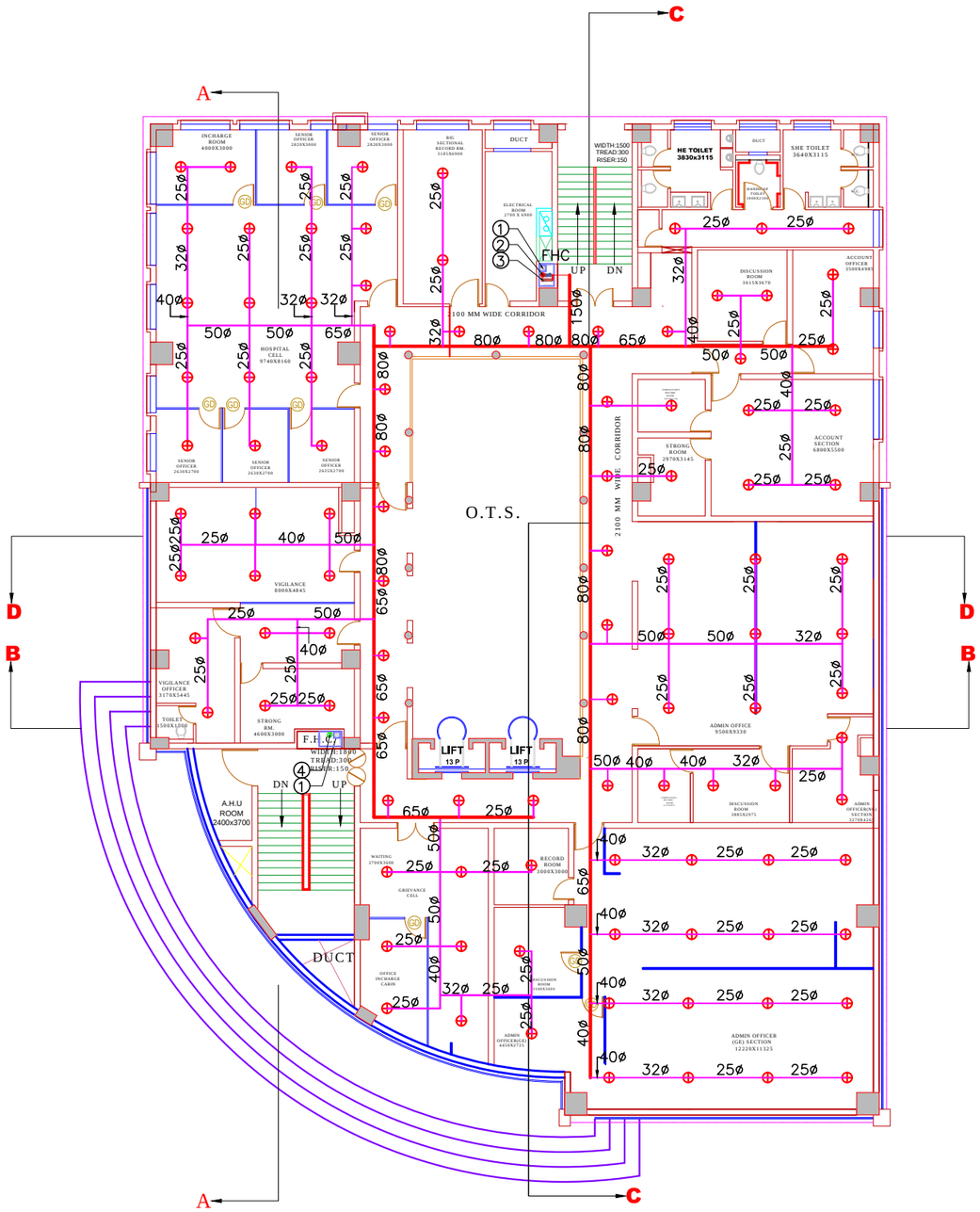


SECOND FLOOR PLAN

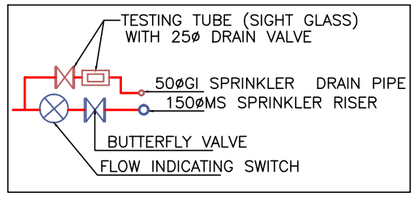
(GRID 1mx1m)

1	100ø M.S. WET RISER
2	150ø M.S.SPRINKLER RISER
3	50ø G.I. DRAIN PIPE
4	150ø FIRE DN.TK. PIPE

SCHEDULE OF SPRINKLER PIPING

NUMBER OF SPR.	DIAMETER OF PIPE
upto 2	25mm Nominal Bore
3	32mm Nominal Bore
4 to 5	40mm Nominal Bore
6 to 10	50mm Nominal Bore
11 to 20	65mm Nominal Bore
21 to 60	80mm Nominal Bore
61 to 100	100mm Nominal Bore
above 101	150mm Nominal Bore

ZONAL CONTROL VALVE



LEGEND

	PENDENT TYPE SPRINKLER
	PENDENT UP–RIGHT TYPE SPRINKLER
	SIDE WALL TYPE SPRINKLER
	FLOW INDICATING SWITCH
	BUTTERFLY VALVE
	TESTING TUBE (SIGHT GLASS) WITH 25ø DRAIN VALVE
	FIRE HOSE CABINET 1200X600X2100mm
EFH	EXTERNAL FIRE HYDRANT
F	FIRE LINE
	4.5 KG CO2 PORTABLE FIRE EXTINGUISHER
	5 KG ABC DRY POWDER PORTABLE FIRE EXTINGUISHER

PRESENTATION DRAWING

NOTES -

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REVISIONS

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SYSTEM CONSULTANCY SERVICES
I - 4/22, Sector 16, Rohini
Email: writetoscs@gmail.com

PROJECT
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NOIDA-201307

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AN ISO 9001:2008 CERTIFIED
architect : sanjay & vijay sinha

TITLE
FIRE FIGHTING LAYOUT
SECOND FLOOR PLAN

SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPVD. BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–106	REV.
SHEET NO.		R-0

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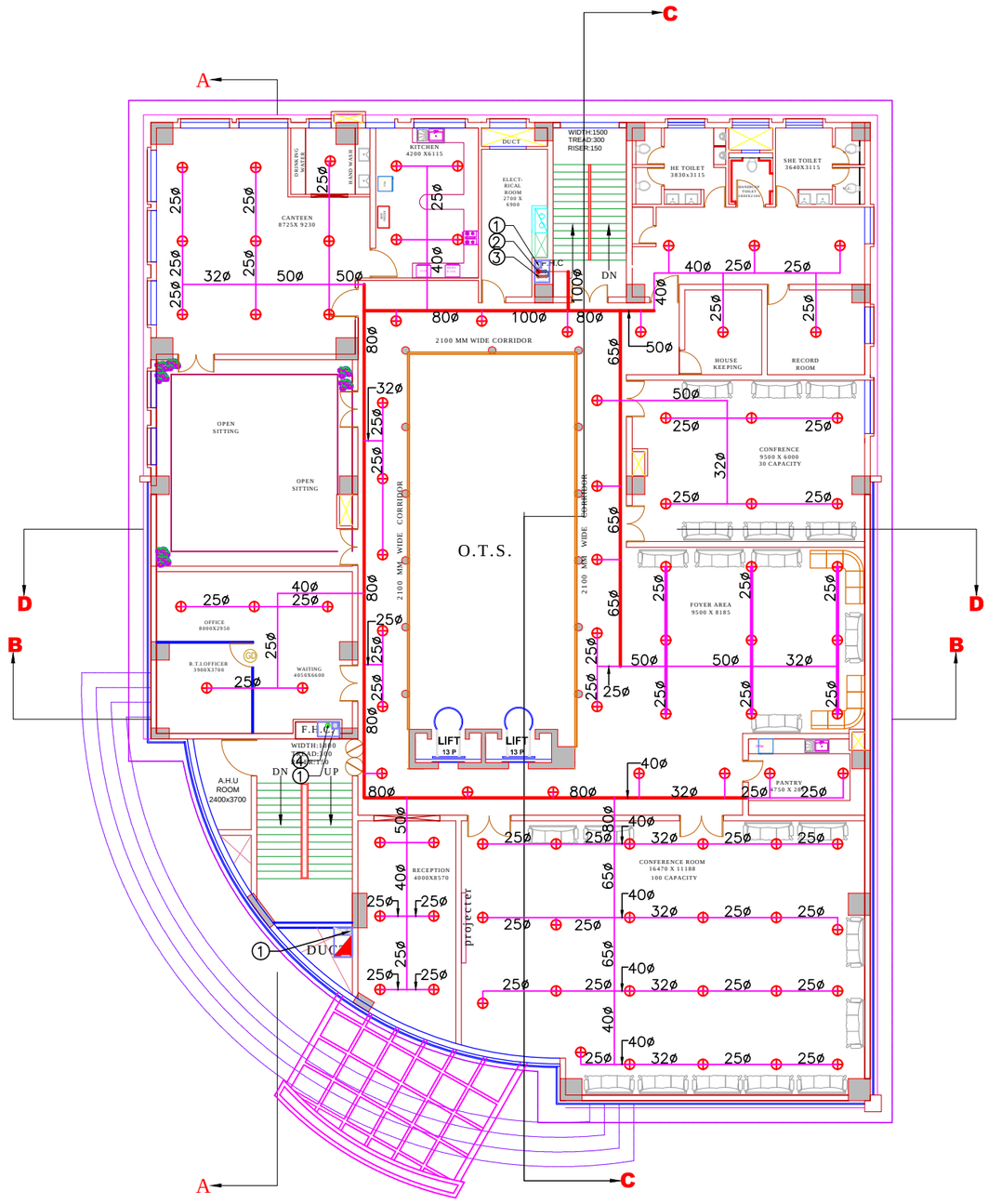


THIRD FLOOR PLAN

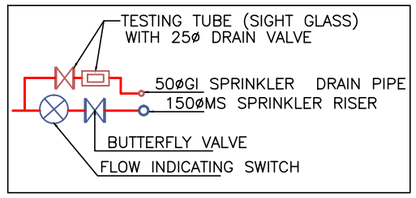
(GRID 1mx1m)

①	100ø M.S. WET RISER
②	150ø M.S.SPRINKLER RISER
③	50ø G.I. DRAIN PIPE
④	150ø FIRE DN.TK. PIPE

SCHEDULE OF SPRINKLER PIPING

NUMBER OF SPR.	DIAMETER OF PIPE
upto 2	25mm Nominal Bore
3	32mm Nominal Bore
4 to 5	40mm Nominal Bore
6 to 10	50mm Nominal Bore
11 to 20	65mm Nominal Bore
21 to 60	80mm Nominal Bore
61 to 100	100mm Nominal Bore
above 101	150mm Nominal Bore

ZONAL CONTROL VALVE



LEGEND

	PENDENT TYPE SPRINKLER
	PENDENT UP–RIGHT TYPE SPRINKLER
	SIDE WALL TYPE SPRINKLER
	FLOW INDICATING SWITCH
	BUTTERFLY VALVE
	TESTING TUBE (SIGHT GLASS) WITH 25ø DRAIN VALVE
	FIRE HOSE CABINET 1200X600X2100mm
EFH	EXTERNAL FIRE HYDRANT
F	FIRE LINE
	4.5 KG CO2 PORTABLE FIRE EXTINGUISHER
	5 KG ABC DRY POWDER PORTABLE FIRE EXTINGUISHER

PRESENTATION DRAWING

NOTES -

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SYSTEM CONSULTANCY SERVICES
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architect : sanjay & vijay sinha
AN ISO 9001:2008 CERTIFIED

TITLE
FIRE FIGHTING LAYOUT
THIRD FLOOR PLAN

SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPVD. BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–107	REV.
SHEET NO.		R-0

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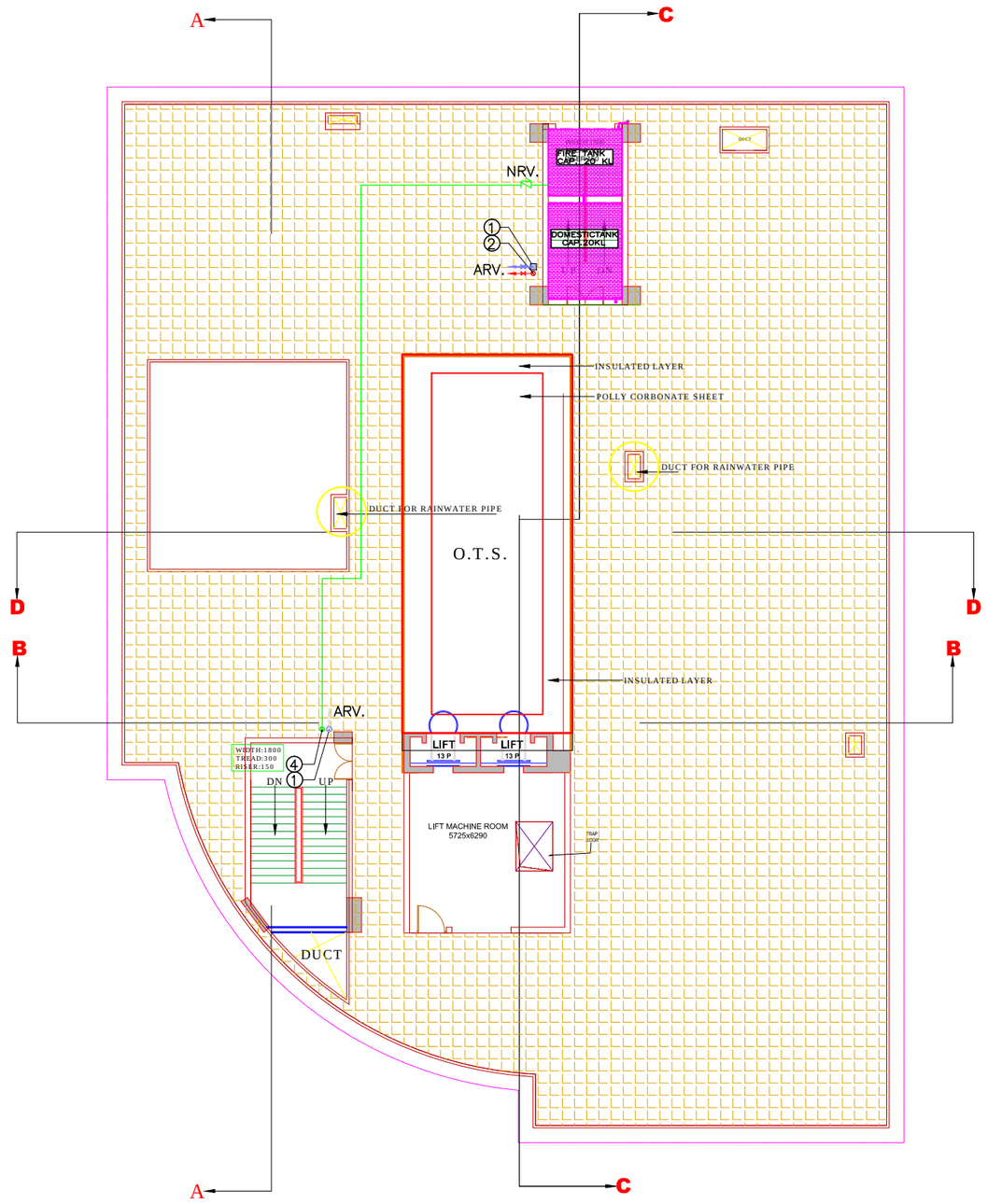
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



THIRD FLOOR PLAN
(GRID 1mx1m)

PRESENTATION DRAWING

NOTES -

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ARCHITECT
SKYLINE
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asso office : 49197 WIXOM TECH DRIVE SUITE-B WIXOM,MICHIGAN MICHIGAN, USA - 48393 TEL : (248)675-1200,FAX (248)675-1201
AN ISO 9001:2008 CERTIFIED
architect : sanjay & vijay sinha

TITLE
FIRE FIGHTING LAYOUT
THIRD FLOOR PLAN

SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPVD. BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL—108	REV.
SHEET NO.		R-0

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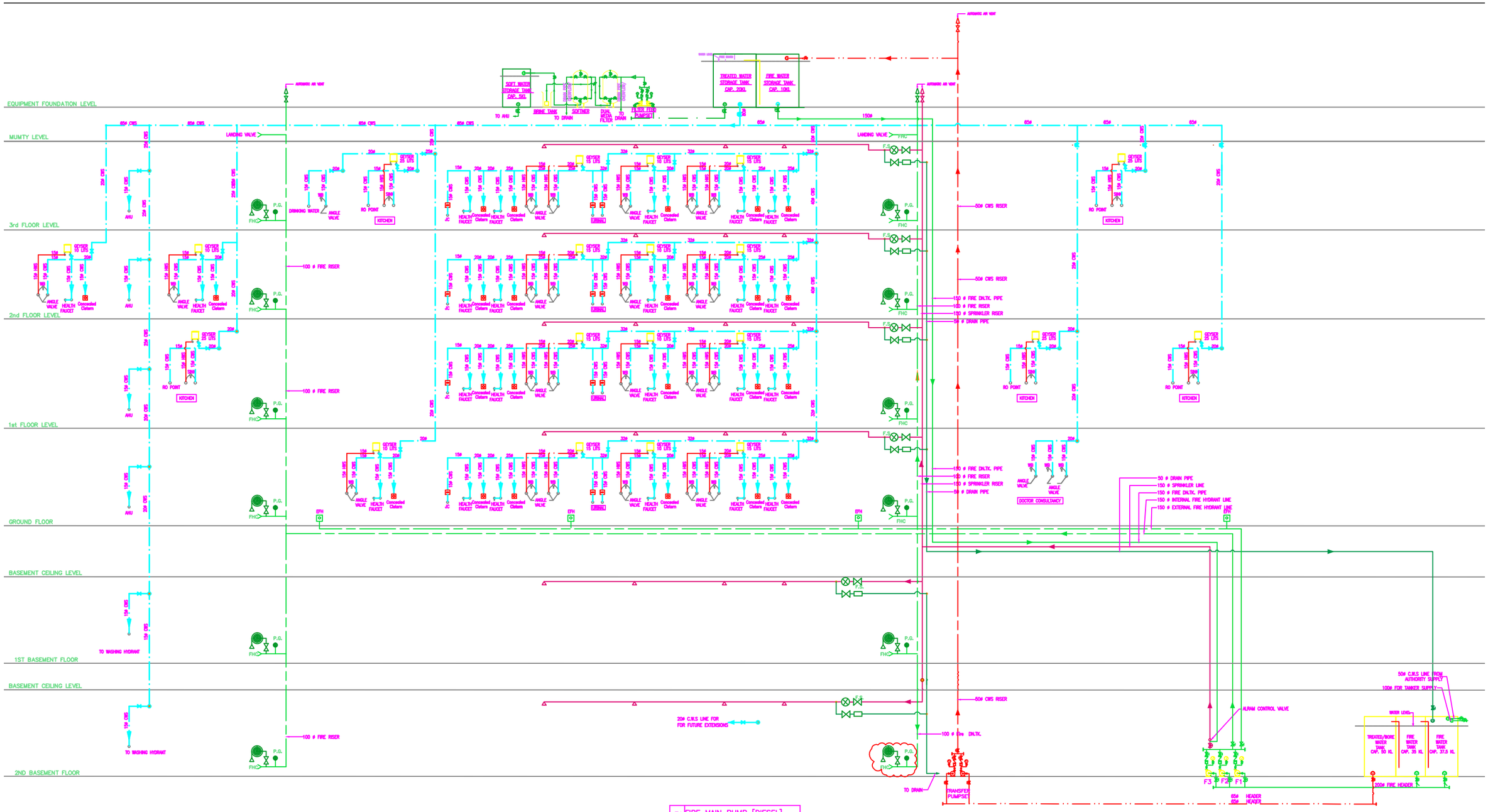

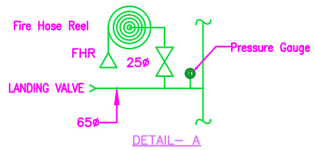

F1	FIRE MAIN PUMP [DIESEL]
F2	FIRE HYDRANT & SPRINKLER PUMP [ELECTRIC]
F3	JOCKEY PUMP [ELECTRIC]

CLIENT

Plumbing and Fire Protection Consulting Services
SYSTEM CONSULTANCY SERVICES
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Email: writetoscs@gmail.com

H.L.L.

NORTH

GRID : 2M X 2M

DATE:

SITE PLAN

SCHEMATIC DIAGRAM

PROJECT TITLE

PROPOSED Construction of CGHS wellness center and Administrative Building at R.K.Puram, Sector-13, New Delhi

ARCHITECT

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architect : sanjay & vijay sinha
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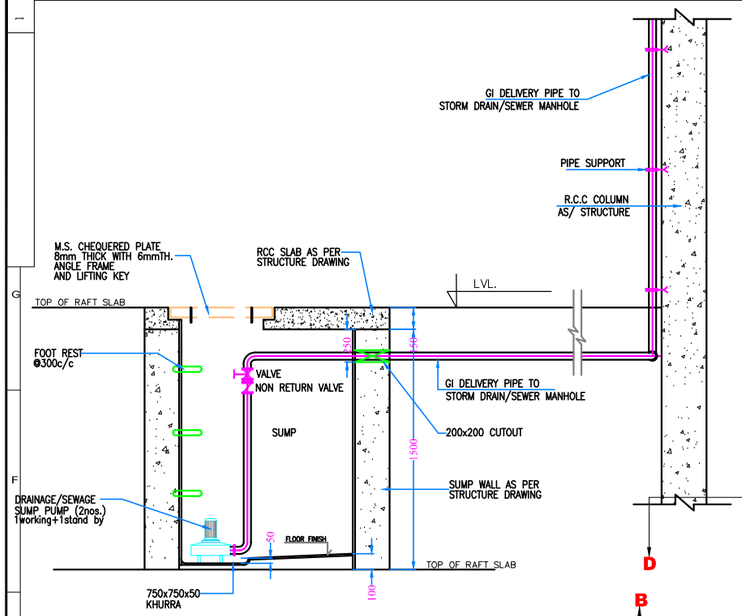
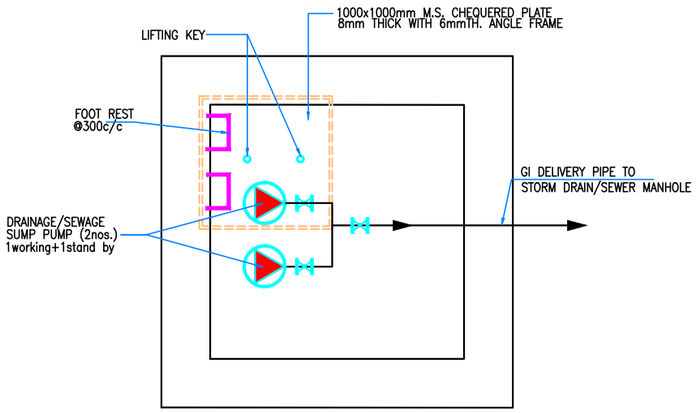
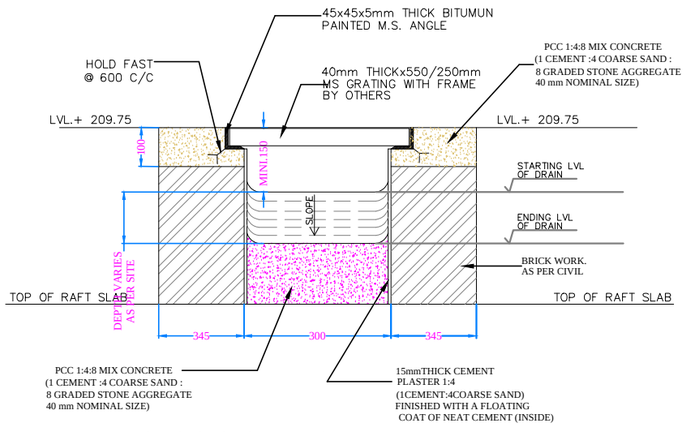


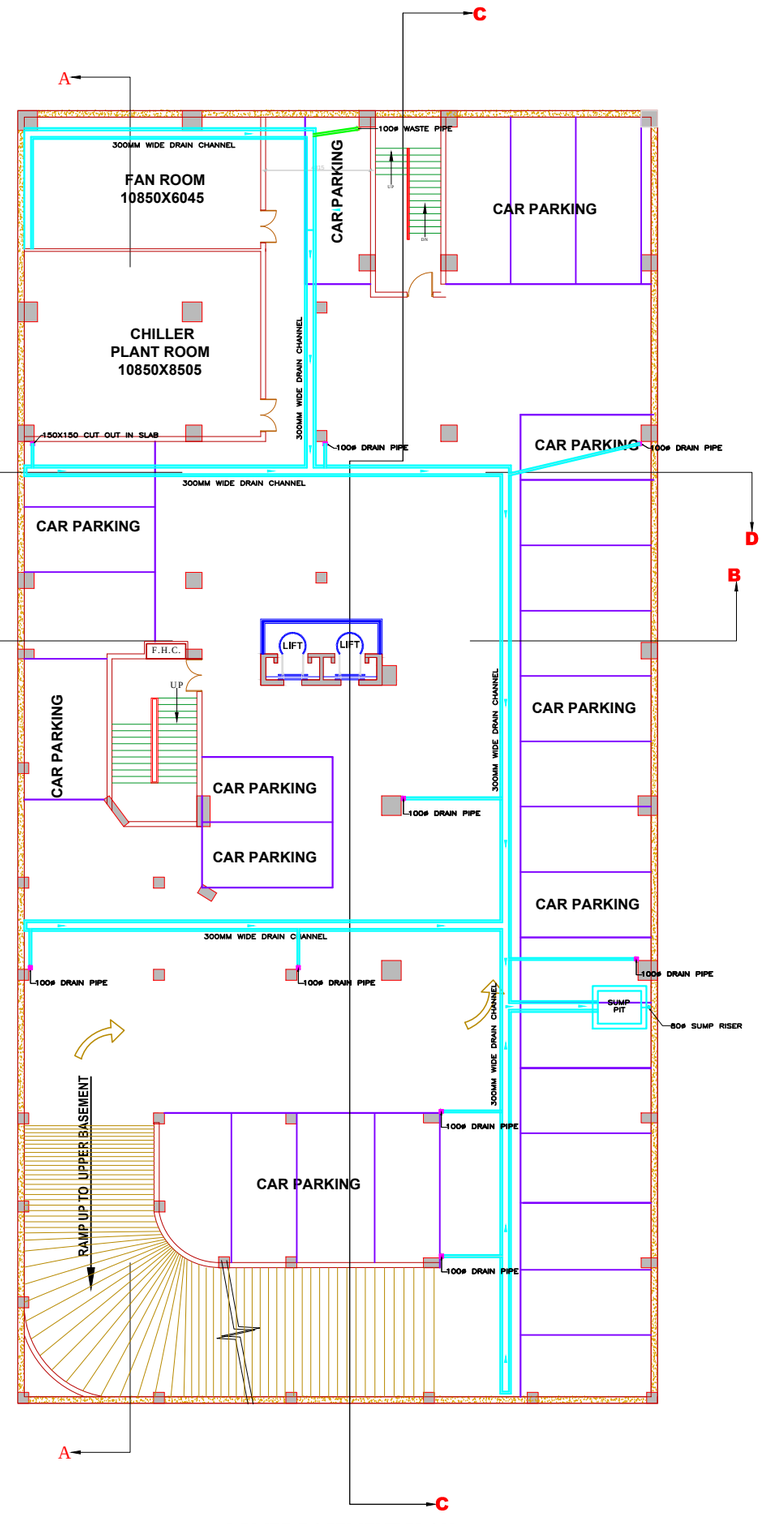
TYPICAL SECTION THRU SUMP



PLAN OF SUMP WITH PUMPS



TYPICAL SECTION OF DRAIN CHANNEL



LOWER BASEMENT PLAN

(GRID 1mx1m)

LEGEND

1.	100ø SOIL PIPE
2.	100ø WASTE PIPE
3.	100ø RAIN WATER PIPE
4.	ø CWS. RISER CUM DOWN COMER
5.	ø CWS. DN. TK.
6.	ø HOT WATER SUPPLY PIPE DN TK.
7.	ø HOT WATER RETURN PIPE

NOTES:–

1.	W.C TO SOIL STACK 100ø PIPE
2.	F.T TO WASTE STACK 100ø PIPE
3.	F.D TO F.T 50ø WASTE PIPE
4.	WASH BASIN TO F.T 32ø WASTE PIPE
5.	KITCHEN SINK TO F.T 50ø WASTE PIPE
6.	F.T TO G.T 100ø WASTE PIPE
7.	SOIL STACK TO M.H 100ø PIPE
8.	WASTE STACK TO G.T 100ø PIPE
9.	G.T TO M.H 150ø PIPE
10.	M.H TO M.H 250ø PIPE

NOTES:–

WC TO SOIL STACK100ø PIPE
FT TO WASTE STACK 100ø PIPE
UT TOSOIL STACK 100ø PIPE
FD TO FT 50ø G.I. WASTE PIPE
URINAL TO UT 40øG.I. SOIL PIPE
WASE BASIN TO FT 32ø G.I.WASTE PIPE
KITCHEN SINK TO FT 50øG.I PIPE
G.T TO M.H 150ø S.W PIPE

PRESENTATION DRAWING

NOTES -

DO NOT SCALE DRAWING ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED

SL. NO.	DESCRIPTION	BY	DATE

REVISIONS

SL. NO.	DESCRIPTION	BY	DATE

Plumbing and Fire Protection Consulting Services

SYSTEM CONSULTANCY SERVICES

I - 4/22, Sector 16, Rohini

Email: writetoscs@gmail.com

PROJECT

Construction of CGHS wellness centre and Administrative Building at R.K.Puram, Sector-13, New Delhi

PMC

HLL LIFECARE LIMITED ,B-14/A
SECTOR -62
NOIDA-201307

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AN ISO 9001:2008 CERTIFIED
architect : sanjay & vijay sinha

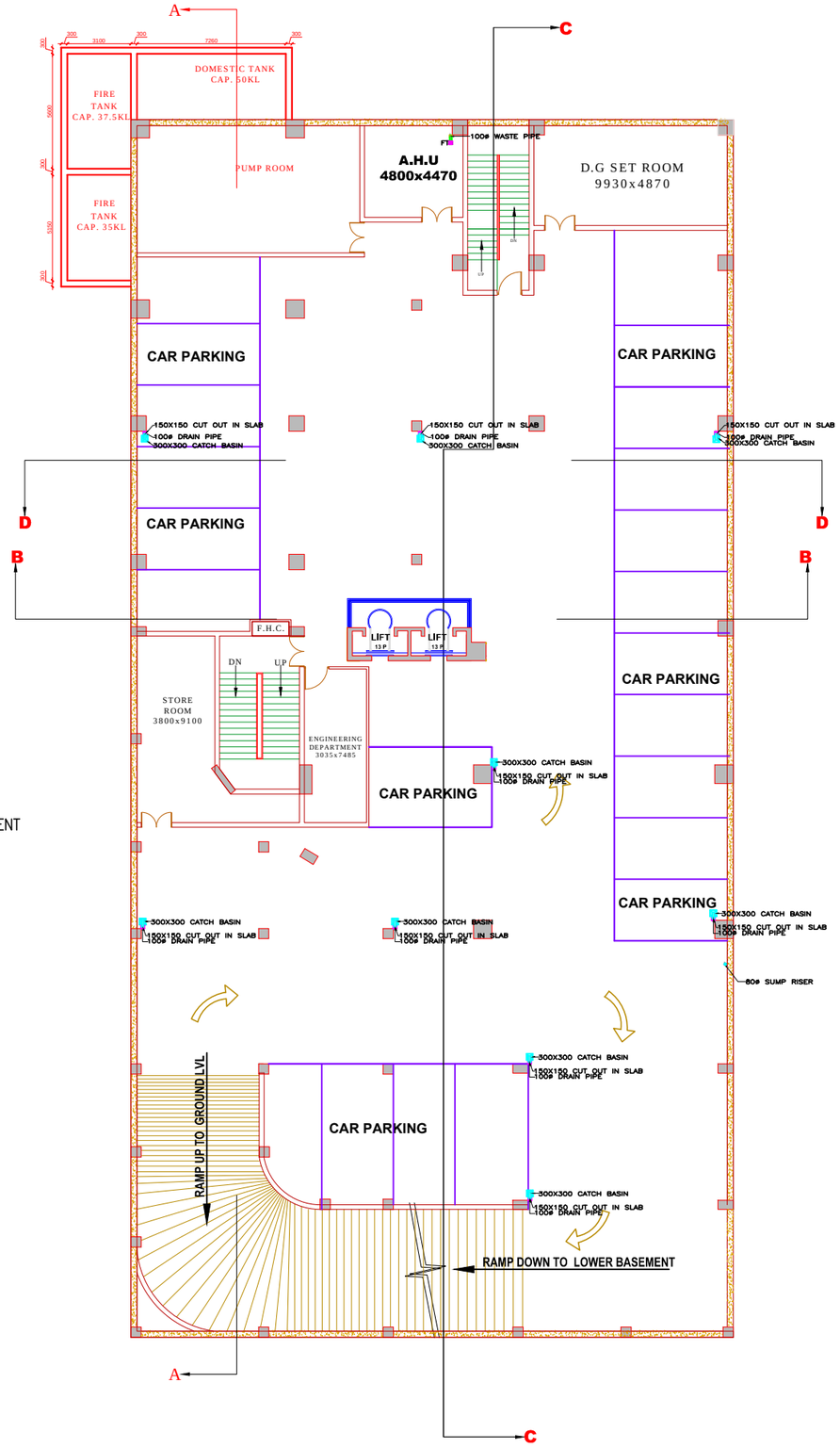
TITLE

PLUMBING LAYOUT PLAN

LOWER BASEMENT PLAN

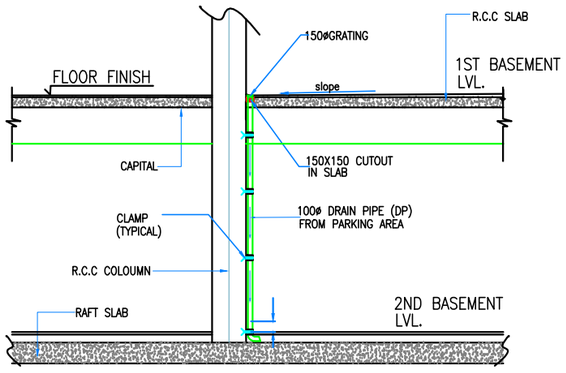
SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPVD. BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–101	REV.
SHEET NO.		R-0



UPPER BASEMENT PLAN

(GRID 1mx1m)



TYPICAL SECTIONAL DETAIL OF
DRAIN PIPE IN BASEMENT

LEGEND

1.	100ø SOIL PIPE
2.	100ø WASTE PIPE
3.	100ø RAIN WATER PIPE
4.	ø CWS. RISER CUM DOWN COMER
5.	ø CWS. DN. TK.
6.	ø HOT WATER SUPPLY PIPE DN TK.
7.	ø HOT WATER RETURN PIPE

NOTES:–

1.	W.C TO SOIL STACK 100ø PIPE
2.	F.T TO WASTE STACK 100ø PIPE
3.	F.D TO F.T 50ø WASTE PIPE
4.	WASH BASIN TO F.T 32ø WASTE PIPE
5.	KITCHEN SINK TO F.T 50ø WASTE PIPE
6.	F.T TO G.T 100ø WASTE PIPE
7.	SOIL STACK TO M.H 100ø PIPE
8.	WASTE STACK TO G.T 100ø PIPE
9.	G.T TO M.H 150ø PIPE
10.	M.H TO M.H 250ø PIPE

NOTES:–

WC TO SOIL STACK100ø PIPE
FT TO WASTE STACK 100ø PIPE
UT TOSOIL STACK 100ø PIPE
FD TO FT 50ø G.I. WASTE PIPE
URINAL TO UT 40øG.I. SOIL PIPE
WASE BASIN TO FT 32ø G.I.WASTE PIPE
KITCHEN SINK TO FT 50øG.I PIPE
G.T TO M.H 150ø S.W PIPE

PRESENTATION DRAWING

NOTES -

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REVISIONS

SL. NO.	DESCRIPTION	BY	DATE

Plumbing and Fire Protection Consulting Services

SYSTEM CONSULTANCY SERVICES

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PROJECT

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Administrative Building at R.K.Puram, Sector-13, New Delhi

PMC

HLL LIFECARE LIMITED ,B-14/A
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architect : sanjay & vijay sinha
AN ISO 9001:2008 CERTIFIED

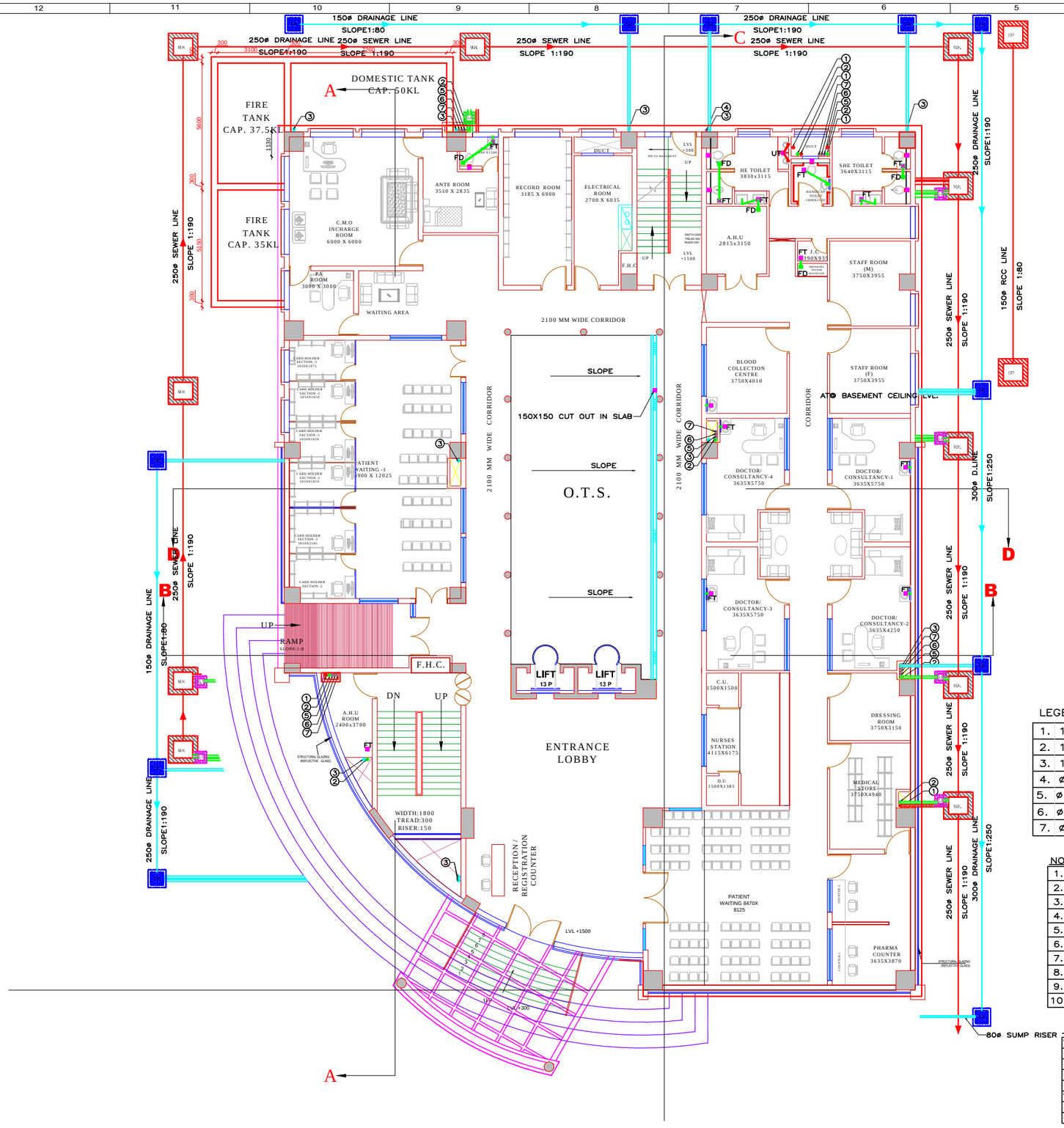
TITLE

PLUMBING LAYOUT PLAN

UPPER BASEMENT PLAN

SCALE - N.T.S.	DATE
PRPD. BY	CHITRAVIR
CHKD. BY	CHINMOY
APPVD. BY	R. SINGH

DRAWING NO.	HLL R.K. PURAM / PL–102	REV.
SHEET NO.		R-0



GROUND FLOOR PLAN

(GRID 1mx1m)

LEGEND

1.	100ø SOIL PIPE
2.	100ø WASTE PIPE
3.	100ø RAIN WATER PIPE
4.	ø CWS. RISER CUM DOWN COMER
5.	ø CWS. DN. TK.
6.	ø HOT WATER SUPPLY PIPE DN TK.
7.	ø HOT WATER RETURN PIPE

NOTES:–

1.	W.C TO SOIL STACK 100ø PIPE
2.	F.T TO WASTE STACK 100ø PIPE
3.	F.D TO F.T 50ø WASTE PIPE
4.	WASH BASIN TO F.T 32ø WASTE PIPE
5.	KITCHEN SINK TO F.T 50ø WASTE PIPE
6.	F.T TO G.T 100ø WASTE PIPE
7.	SOIL STACK TO M.H 100ø PIPE
8.	WASTE STACK TO G.T 100ø PIPE
9.	G.T TO M.H 150ø PIPE
10.	M.H TO M.H 250ø PIPE

NOTES:–

WC	TO SOIL STACK100ø PIPE
FT	TO WASTE STACK 100ø PIPE
UT	TOSOIL STACK 100ø PIPE
FD	TO FT 50ø G.I. WASTE PIPE
URINAL	TO UT 40øG.I. SOIL PIPE
WASE BASIN	TO FT 32ø G.I.WASTE PIPE
KITCHEN SINK	TO FT 50øG.I PIPE
G.T	TO M.H 150ø S.W PIPE

PRESENTATION DRAWING

NOTES -

DO NOT SCALE DRAWING ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED

SL. NO.	DESCRIPTION	BY	DATE

REVISIONS

SL. NO.	DESCRIPTION	BY	DATE

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PROJECT

Construction of CGHS wellness centre and Administrative Building at R.K.Puram, Sector-13, New Delhi

PMC

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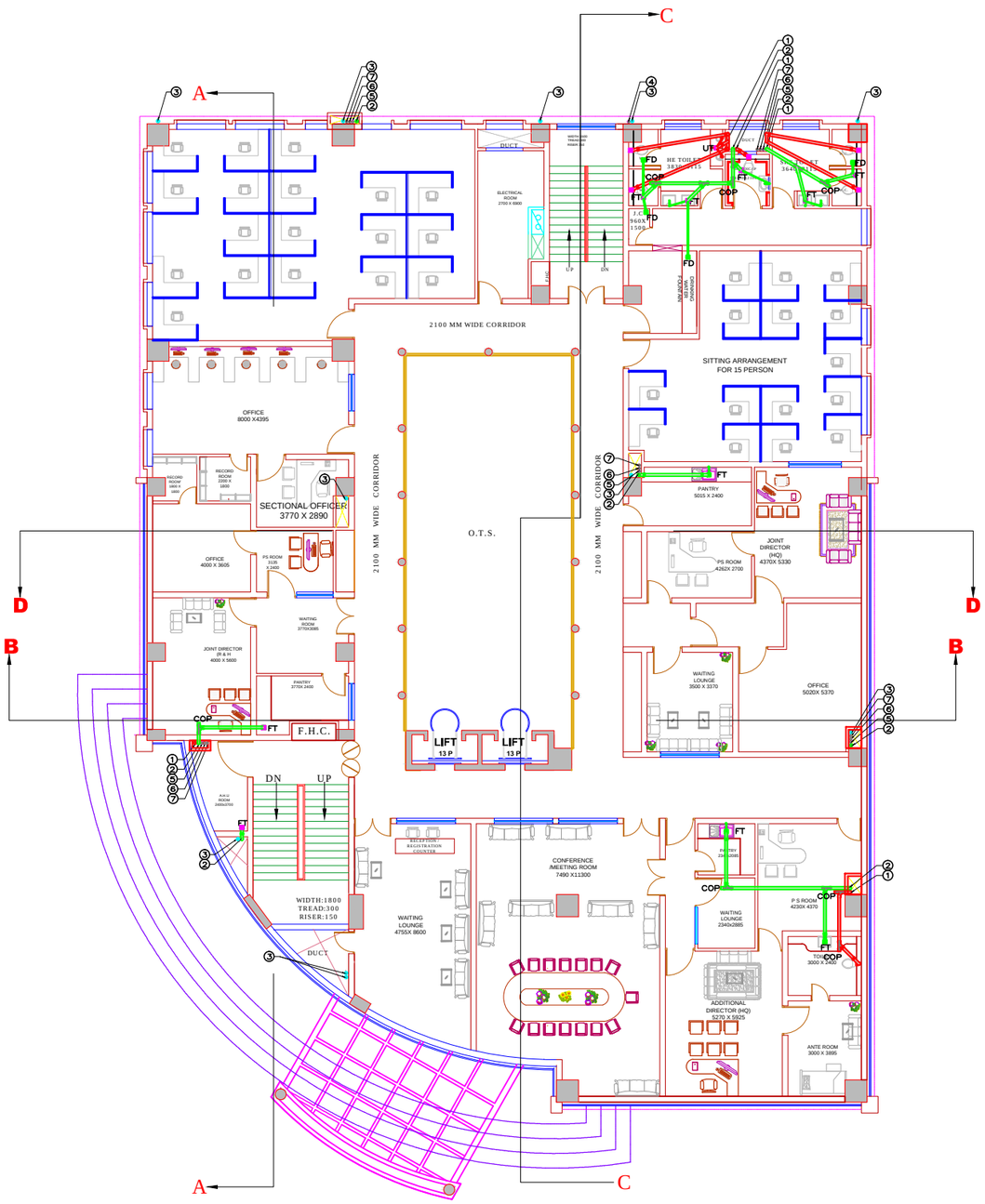
AN ISO 9001:2008 CERTIFIED
architect : sanjay & vijay sinha

TITLE

PLUMBING LAYOUT PLAN
GROUND FLOOR PLAN

SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPV'D BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–104	REV.
SHEET NO.		R-0



FIRST FLOOR PLAN

(GRID 1mx1m)

LEGEND

1.	100ø SOIL PIPE
2.	100ø WASTE PIPE
3.	100ø RAIN WATER PIPE
4.	ø CWS. RISER CUM DOWN COMER
5.	ø CWS. DN. TK.
6.	ø HOT WATER SUPPLY PIPE DN TK.
7.	ø HOT WATER RETURN PIPE

NOTES:–

1.	W.C TO SOIL STACK 100ø PIPE
2.	F.T TO WASTE STACK 100ø PIPE
3.	F.D TO F.T 50ø WASTE PIPE
4.	WASH BASIN TO F.T 32ø WASTE PIPE
5.	KITCHEN SINK TO F.T 50ø WASTE PIPE
6.	F.T TO G.T 100ø WASTE PIPE
7.	SOIL STACK TO M.H 100ø PIPE
8.	WASTE STACK TO G.T 100ø PIPE
9.	G.T TO M.H 150ø PIPE
10.	M.H TO M.H 250ø PIPE

NOTES:–

WC TO SOIL STACK100ø PIPE	
FT TO WASTE STACK 100ø PIPE	
UT TOSOIL STACK 100ø PIPE	
FD TO FT 50ø G.I. WASTE PIPE	
URINAL TO UT 40øG.I. SOIL PIPE	
WASE BASIN TO FT 32ø G.I.WASTE PIPE	
KITCHEN SINK TO FT 50øG.I PIPE	
G.T TO M.H 150ø S.W PIPE	

PRESENTATION DRAWING

NOTES -

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SL. NO.	DESCRIPTION	BY	DATE

REVISIONS

SL. NO.	DESCRIPTION	BY	DATE

Plumbing and Fire Protection Consulting Services

SYSTEM CONSULTANCY SERVICES

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Email: writetoscs@gmail.com

PROJECT

Construction of CGHS wellness centre and
Administrative Building at R.K.Puram, Sector-13, New Delhi

PMC

HLL LIFECARE LIMITED ,B-14/A
SECTOR -62
NOIDA-201307

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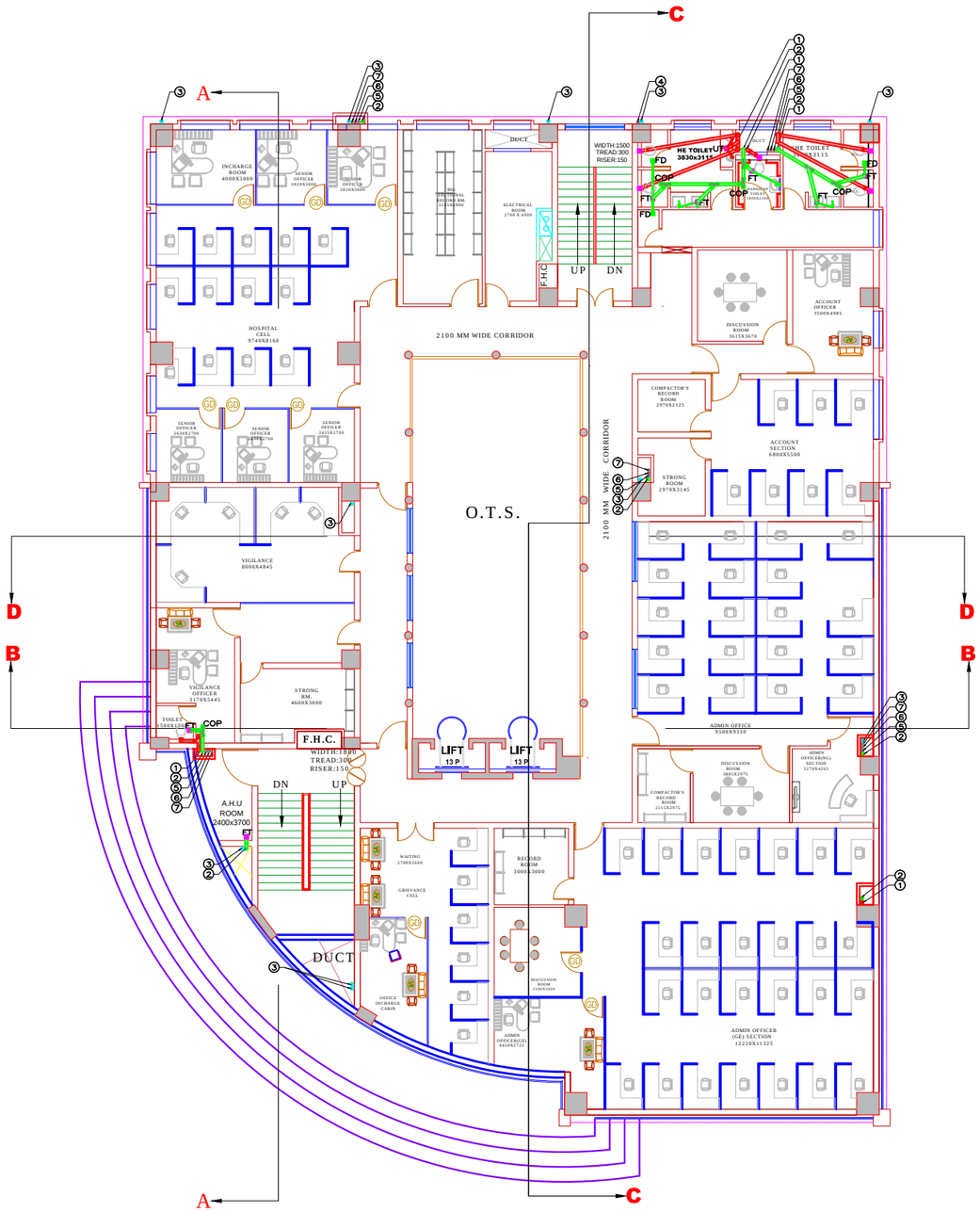
AN ISO 9001:2008 CERTIFIED
architect : sanjay & vijay sinha

TITLE	SCALE - N.T.S.	DATE
PLUMBING LAYOUT PLAN **FIRST FLOOR PLAN**	PRPD. BY: CHITRAVIR CHKD. BY: CHINMOY APPVD. BY: R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–105	REV.
SHEET NO.		R-0



SECOND FLOOR PLAN

(GRID 1mx1m)

LEGEND

1.	100ø SOIL PIPE
2.	100ø WASTE PIPE
3.	100ø RAIN WATER PIPE
4.	ø CWS. RISER CUM DOWN COMER
5.	ø CWS. DN. TK.
6.	ø HOT WATER SUPPLY PIPE DN TK.
7.	ø HOT WATER RETURN PIPE

NOTES:–

1.	W.C TO SOIL STACK 100ø PIPE
2.	F.T TO WASTE STACK 100ø PIPE
3.	F.D TO F.T 50ø WASTE PIPE
4.	WASH BASIN TO F.T 32ø WASTE PIPE
5.	KITCHEN SINK TO F.T 50ø WASTE PIPE
6.	F.T TO G.T 100ø WASTE PIPE
7.	SOIL STACK TO M.H 100ø PIPE
8.	WASTE STACK TO G.T 100ø PIPE
9.	G.T TO M.H 150ø PIPE
10.	M.H TO M.H 250ø PIPE

NOTES:–

WC	TO SOIL STACK100ø PIPE
FT	TO WASTE STACK 100ø PIPE
UT	TOSOIL STACK 100ø PIPE
FD	TO FT 50ø G.I. WASTE PIPE
URINAL	TO UT 40øG.I. SOIL PIPE
WASE	BASIN TO FT 32ø G.I.WASTE PIPE
KITCHEN	SINK TO FT 50øG.I PIPE
G.T	TO M.H 150ø S.W PIPE

PRESENTATION DRAWING

NOTES -

DO NOT SCALE DRAWING ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED

SL. NO.	DESCRIPTION	BY	DATE

REVISIONS

SL. NO.	DESCRIPTION	BY	DATE

Plumbing and Fire Protection Consulting Services

SYSTEM CONSULTANCY SERVICES

I - 4/22, Sector 16, Rohini

Email: writetoscs@gmail.com

PROJECT

Construction of CGHS wellness centre and Administrative Building at R.K.Puram, Sector-13, New Delhi

PMC

HLL LIFECARE LIMITED ,B-14/A
SECTOR -62
NOIDA-201307

ARCHITECT

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AN ISO 9001:2008 CERTIFIED
architect : sanjay & vijay sinha

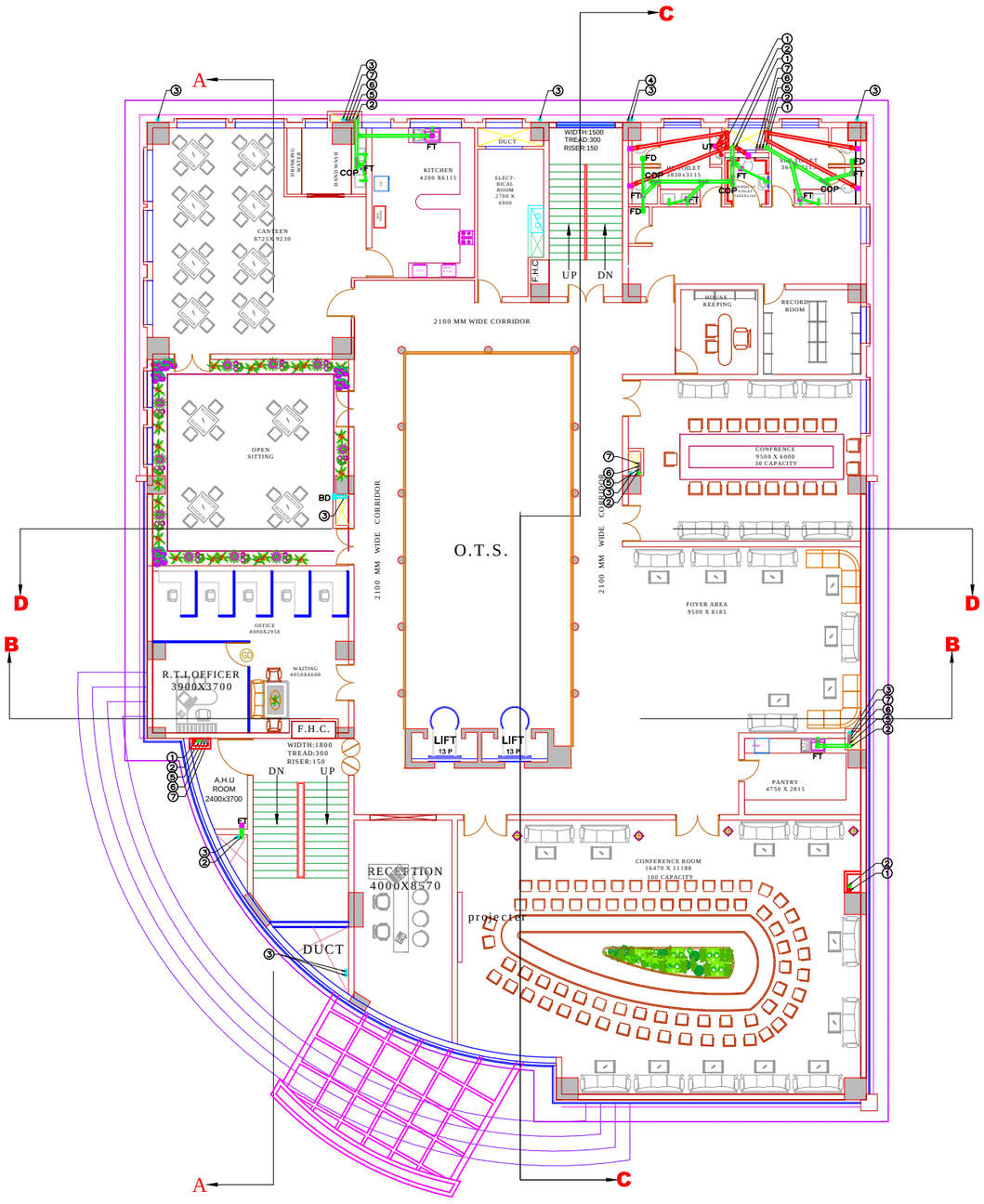
TITLE

PLUMBING LAYOUT PLAN

SECOND FLOOR PLAN

SCALE - N.T.S.		DATE
PRFD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPVD. BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–106	REV.
SHEET NO.		R-0



THIRD FLOOR PLAN

(GRID 1mx1m)

LEGEND

1.	100ø SOIL PIPE
2.	100ø WASTE PIPE
3.	100ø RAIN WATER PIPE
4.	ø CWS. RISER CUM DOWN COMER
5.	ø CWS. DN. TK.
6.	ø HOT WATER SUPPLY PIPE DN TK.
7.	ø HOT WATER RETURN PIPE

NOTES:–

1.	W.C TO SOIL STACK 100ø PIPE
2.	F.T TO WASTE STACK 100ø PIPE
3.	F.D TO F.T 50ø WASTE PIPE
4.	WASH BASIN TO F.T 32ø WASTE PIPE
5.	KITCHEN SINK TO F.T 50ø WASTE PIPE
6.	F.T TO G.T 100ø WASTE PIPE
7.	SOIL STACK TO M.H 100ø PIPE
8.	WASTE STACK TO G.T 100ø PIPE
9.	G.T TO M.H 150ø PIPE
10.	M.H TO M.H 250ø PIPE

NOTES:–

WC TO SOIL STACK	100ø PIPE
FT TO WASTE STACK	100ø PIPE
UT TOSOIL STACK	100ø PIPE
FD TO FT	50ø G.I. WASTE PIPE
URINAL TO UT	40øG.I. SOIL PIPE
WASE BASIN TO FT	32ø G.I.WASTE PIPE
KITCHEN SINK TO FT	50øG.I PIPE
G.T TO M.H	150ø S.W PIPE

PRESENTATION DRAWING

NOTES -

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SL. NO.	DESCRIPTION	BY	DATE

REVISIONS

SL. NO.	DESCRIPTION	BY	DATE

Plumbing and Fire Protection Consulting Services

SYSTEM CONSULTANCY SERVICES

I - 4/22, Sector 16, Rohini

Email: writetoscs@gmail.com

PROJECT

Construction of CGHS wellness centre and Administrative Building at R.K.Puram, Sector-13, New Delhi

PMC

HLL LIFECARE LIMITED ,B-14/A
SECTOR -62
NOIDA-201307

ARCHITECT

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AN ISO 9001:2008 CERTIFIED
architect : sanjay & vijay sinha

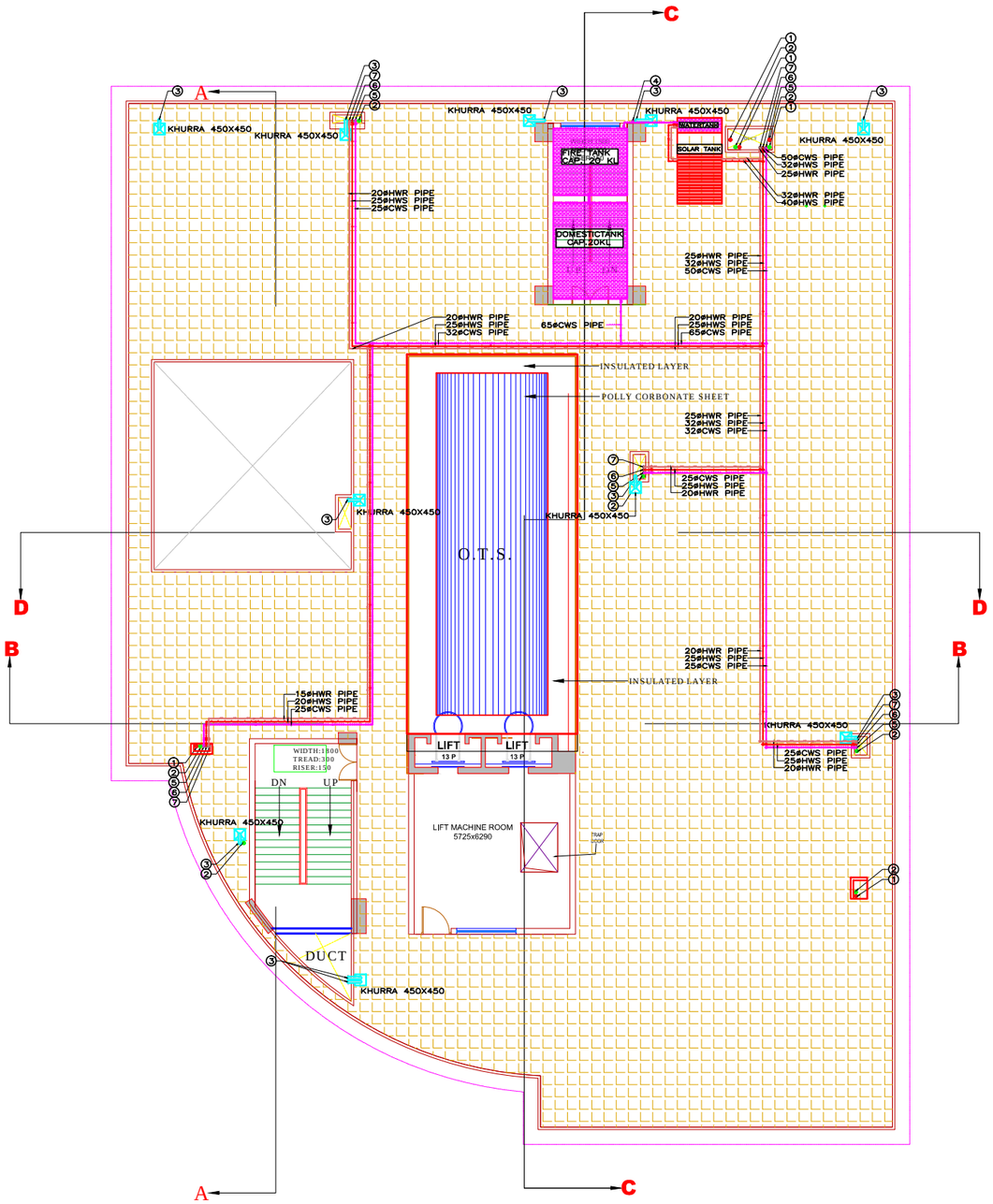
TITLE

PLUMBING LAYOUT PLAN

THIRD FLOOR PLAN

SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPVD. BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–107	REV.
SHEET NO.		R-0



THIRD FLOOR PLAN

(GRID 1mx1m)

LEGEND

1.	100ø SOIL PIPE
2.	100ø WASTE PIPE
3.	100ø RAIN WATER PIPE
4.	ø CWS. RISER CUM DOWN COMER
5.	ø CWS. DN. TK.
6.	ø HOT WATER SUPPLY PIPE DN TK.
7.	ø HOT WATER RETURN PIPE

NOTES:–

1.	W.C TO SOIL STACK 100ø PIPE
2.	F.T TO WASTE STACK 100ø PIPE
3.	F.D TO F.T 50ø WASTE PIPE
4.	WASH BASIN TO F.T 32ø WASTE PIPE
5.	KITCHEN SINK TO F.T 50ø WASTE PIPE
6.	F.T TO G.T 100ø WASTE PIPE
7.	SOIL STACK TO M.H 100ø PIPE
8.	WASTE STACK TO G.T 100ø PIPE
9.	G.T TO M.H 150ø PIPE
10.	M.H TO M.H 250ø PIPE

NOTES:–

WC TO SOIL STACK100ø PIPE	
FT TO WASTE STACK 100ø PIPE	
UT TOSOIL STACK 100ø PIPE	
FD TO FT 50ø G.I. WASTE PIPE	
URINAL TO UT 40øG.I. SOIL PIPE	
WASE BASIN TO FT 32ø G.I.WASTE PIPE	
KITCHEN SINK TO FT 50øG.I PIPE	
G.T TO M.H 150ø S.W PIPE	

PRESENTATION DRAWING

NOTES -

DO NOT SCALE DRAWING ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED

SL. NO.	DESCRIPTION	BY	DATE

REVISIONS

SL. NO.	DESCRIPTION	BY	DATE

Plumbing and Fire Protection Consulting Services

SYSTEM CONSULTANCY SERVICES

I - 4/22, Sector 16, Rohini
Email: writetoscs@gmail.com

PROJECT

Construction of CGHS wellness centre and
Administrative Building at R.K.Puram, Sector-13, New Delhi

PMC

HLL LIFECARE LIMITED ,B-14/A
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NOIDA-201307

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AN ISO 9001:2008 CERTIFIED
architect : sanjay & vijay sinha

TITLE

PLUMBING LAYOUT PLAN

THIRD FLOOR PLAN

SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPVD. BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–108	REV.
SHEET NO.		R-0

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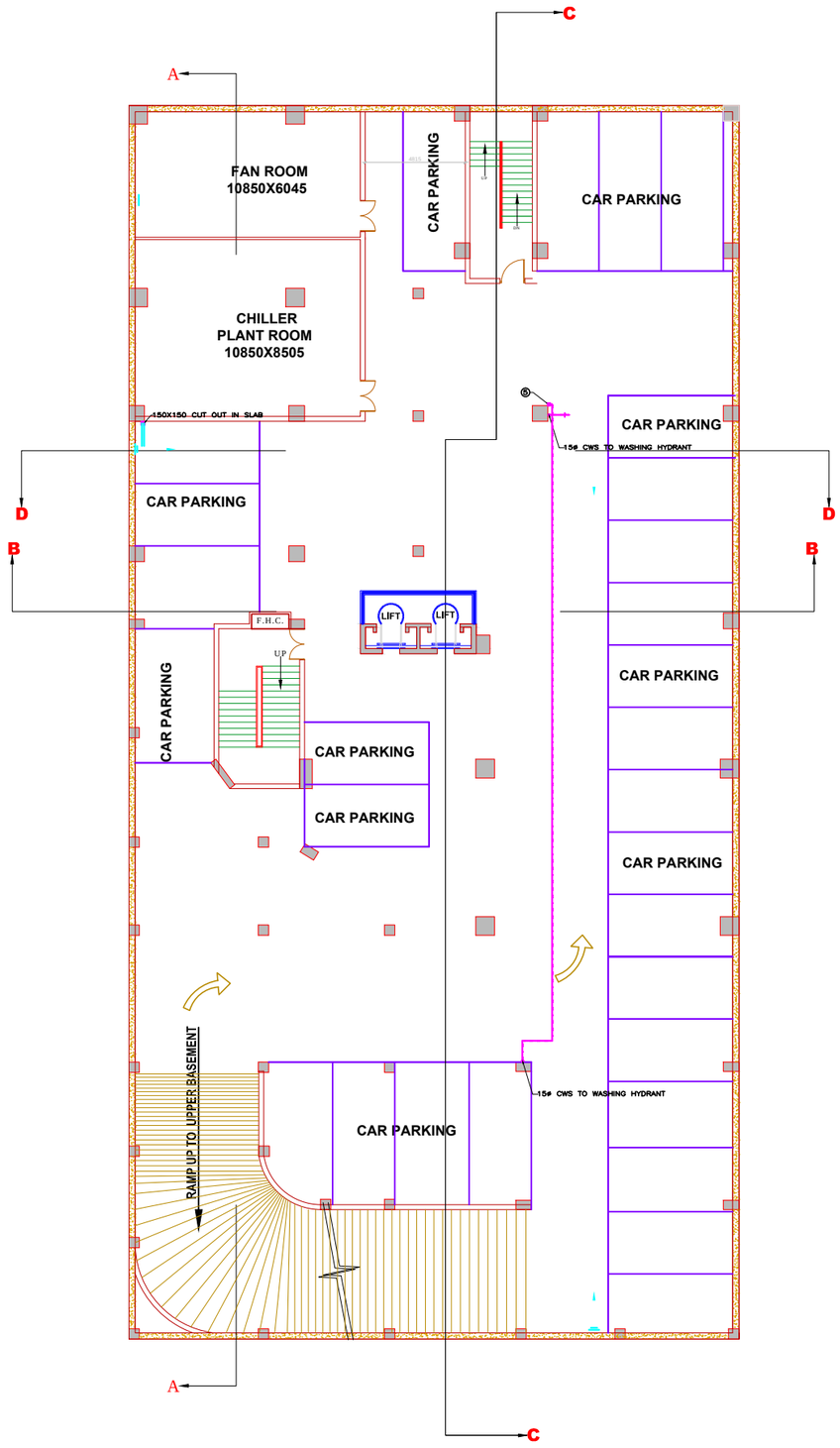

LOWER BASEMENT PLAN
(GRID 1mx1m)

LEGEND

1.	100ø SOIL PIPE
2.	100ø WASTE PIPE
3.	100ø RAIN WATER PIPE
4.	ø CWS. RISER CUM DOWN COMER
5.	ø CWS. DN. TK.
6.	ø HOT WATER SUPPLY PIPE DN TK.
7.	ø HOT WATER RETURN PIPE

NOTES:–

1.	W.C TO SOIL STACK 100ø PIPE
2.	F.T TO WASTE STACK 100ø PIPE
3.	F.D TO F.T 50ø WASTE PIPE
4.	WASH BASIN TO F.T 32ø WASTE PIPE
5.	KITCHEN SINK TO F.T 50ø WASTE PIPE
6.	F.T TO G.T 100ø WASTE PIPE
7.	SOIL STACK TO M.H 100ø PIPE
8.	WASTE STACK TO G.T 100ø PIPE
9.	G.T TO M.H 150ø PIPE
10.	M.H TO M.H 250ø PIPE

NOTES:–

WC TO SOIL STACK100ø PIPE
FT TO WASTE STACK 100ø PIPE
UT TOSOIL STACK 100ø PIPE
FD TO FT 50ø G.I. WASTE PIPE
URINAL TO UT 40øG.I. SOIL PIPE
WASE BASIN TO FT 32ø G.I.WASTE PIPE
KITCHEN SINK TO FT 50øG.I PIPE
G.T TO M.H 150ø S.W PIPE

PRESENTATION DRAWING

NOTES -

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SL. NO.	DESCRIPTION	BY	DATE

REVISIONS

SL. NO.	DESCRIPTION	BY	DATE

Plumbing and Fire Protection Consulting Services
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PROJECT
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architect : sanjay & vijay sinha
AN ISO 9001:2008 CERTIFIED

TITLE
PLUMBING LAYOUT PLAN
LOWER BASEMENT PLAN

SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPVD BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–101	REV.
SHEET NO.		R-0

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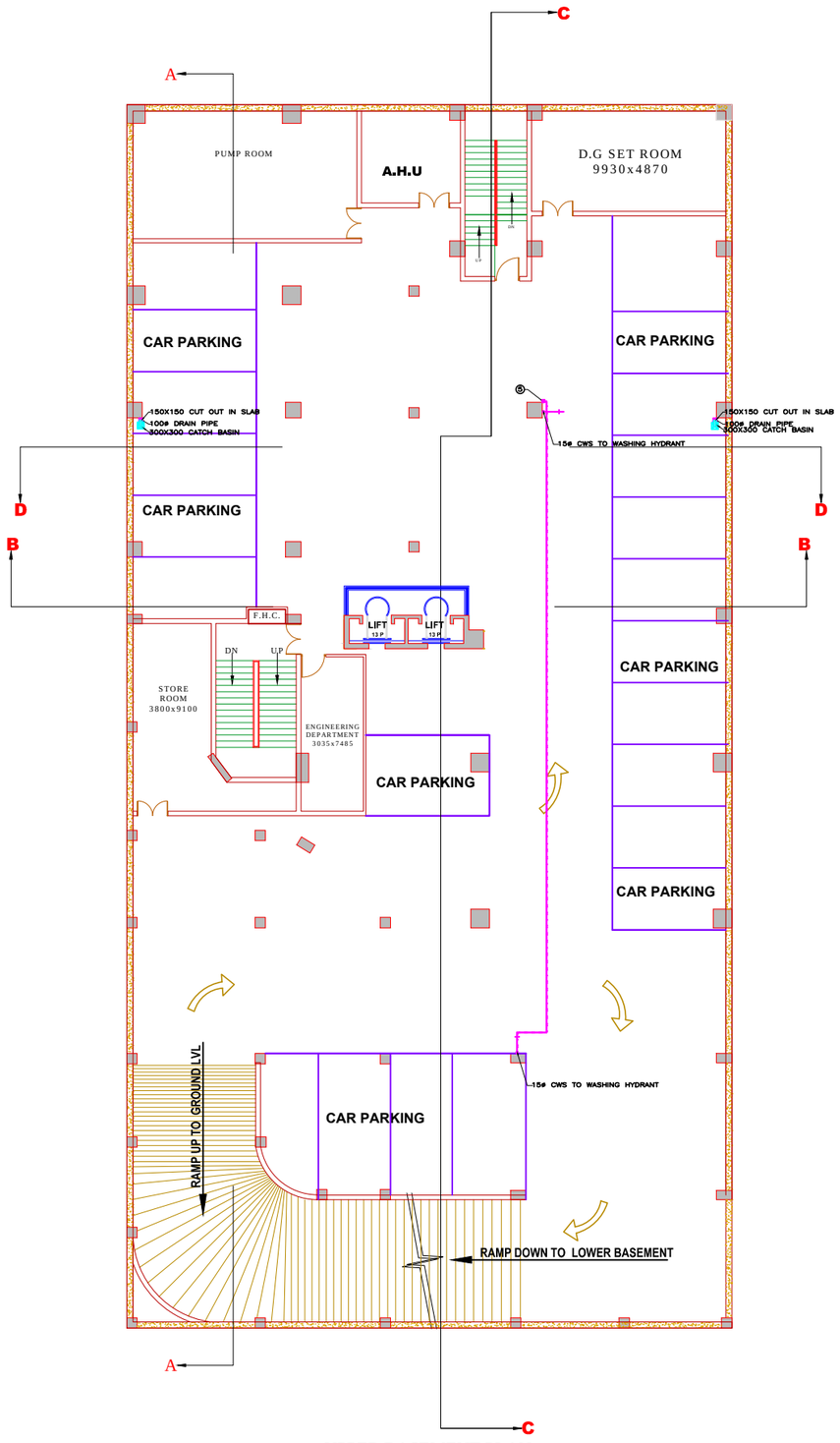

UPPER BASEMENT PLAN
(GRID 1mx1m)

LEGEND

1.	100ø SOIL PIPE
2.	100ø WASTE PIPE
3.	100ø RAIN WATER PIPE
4.	ø CWS. RISER CUM DOWN COMER
5.	ø CWS. DN. TK.
6.	ø HOT WATER SUPPLY PIPE DN TK.
7.	ø HOT WATER RETURN PIPE

NOTES:–

1.	W.C TO SOIL STACK 100ø PIPE
2.	F.T TO WASTE STACK 100ø PIPE
3.	F.D TO F.T 50ø WASTE PIPE
4.	WASH BASIN TO F.T 32ø WASTE PIPE
5.	KITCHEN SINK TO F.T 50ø WASTE PIPE
6.	F.T TO G.T 100ø WASTE PIPE
7.	SOIL STACK TO M.H 100ø PIPE
8.	WASTE STACK TO G.T 100ø PIPE
9.	G.T TO M.H 150ø PIPE
10.	M.H TO M.H 250ø PIPE

NOTES:–

WC TO SOIL STACK100ø PIPE
FT TO WASTE STACK 100ø PIPE
UT TOSOIL STACK 100ø PIPE
FD TO FT 50ø G.I. WASTE PIPE
URINAL TO UT 40øG.I. SOIL PIPE
WASE BASIN TO FT 32ø G.I.WASTE PIPE
KITCHEN SINK TO FT 50øG.I PIPE
G.T TO M.H 150ø S.W PIPE

PRESENTATION DRAWING

NOTES -

DO NOT SCALE DRAWING ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED

SL. NO.	DESCRIPTION	BY	DATE

REVISIONS

SL. NO.	DESCRIPTION	BY	DATE

Plumbing and Fire Protection Consulting Services
SYSTEM CONSULTANCY SERVICES
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PROJECT
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architect : sanjay & vijay sinha
AN ISO 9001:2008 CERTIFIED

TITLE
PLUMBING LAYOUT PLAN
UPPER BASEMENT PLAN

SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPVD BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–102	REV.
SHEET NO.		R-0

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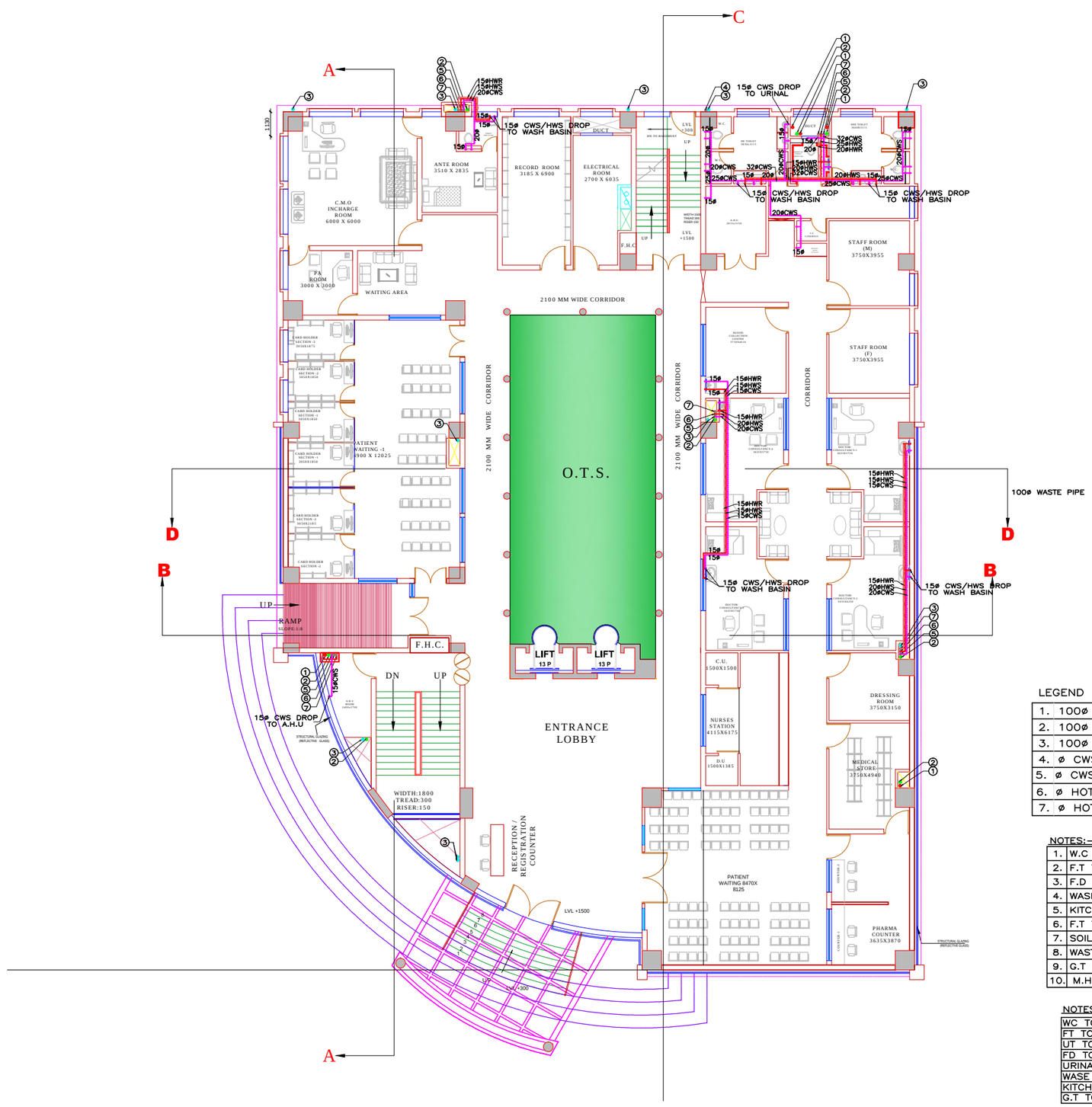

GROUND FLOOR PLAN

(GRID 1mx1m)

LEGEND

1.	100ø SOIL PIPE
2.	100ø WASTE PIPE
3.	100ø RAIN WATER PIPE
4.	ø CWS. RISER CUM DOWN COMER
5.	ø CWS. DN. TK.
6.	ø HOT WATER SUPPLY PIPE DN TK.
7.	ø HOT WATER RETURN PIPE

NOTES:–

1.	W.C TO SOIL STACK 100ø PIPE
2.	F.T TO WASTE STACK 100ø PIPE
3.	F.D TO F.T 50ø WASTE PIPE
4.	WASH BASIN TO F.T 32ø WASTE PIPE
5.	KITCHEN SINK TO F.T 50ø WASTE PIPE
6.	F.T TO G.T 100ø WASTE PIPE
7.	SOIL STACK TO M.H 100ø PIPE
8.	WASTE STACK TO G.T 100ø PIPE
9.	G.T TO M.H 150ø PIPE
10.	M.H TO M.H 250ø PIPE

NOTES:–

WC TO SOIL STACK	100ø PIPE
FT TO WASTE STACK	100ø PIPE
UT TOSOIL STACK	100ø PIPE
FD TO FT	50ø G.I. WASTE PIPE
URINAL TO UT	40øG.I. SOIL PIPE
WASE BASIN TO FT	32ø G.I.WASTE PIPE
KITCHEN SINK TO FT	50øG.I PIPE
G.T TO M.H	150ø S.W PIPE

PRESENTATION DRAWING

NOTES -

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SL. NO.	DESCRIPTION	BY	DATE

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Plumbing and Fire Protection Consulting Services
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architect : sanjay & vijay sinha
AN ISO 9001:2008 CERTIFIED

TITLE
PLUMBING LAYOUT PLAN
GROUND FLOOR PLAN

SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPVD. BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–104	REV.
SHEET NO.		R-0

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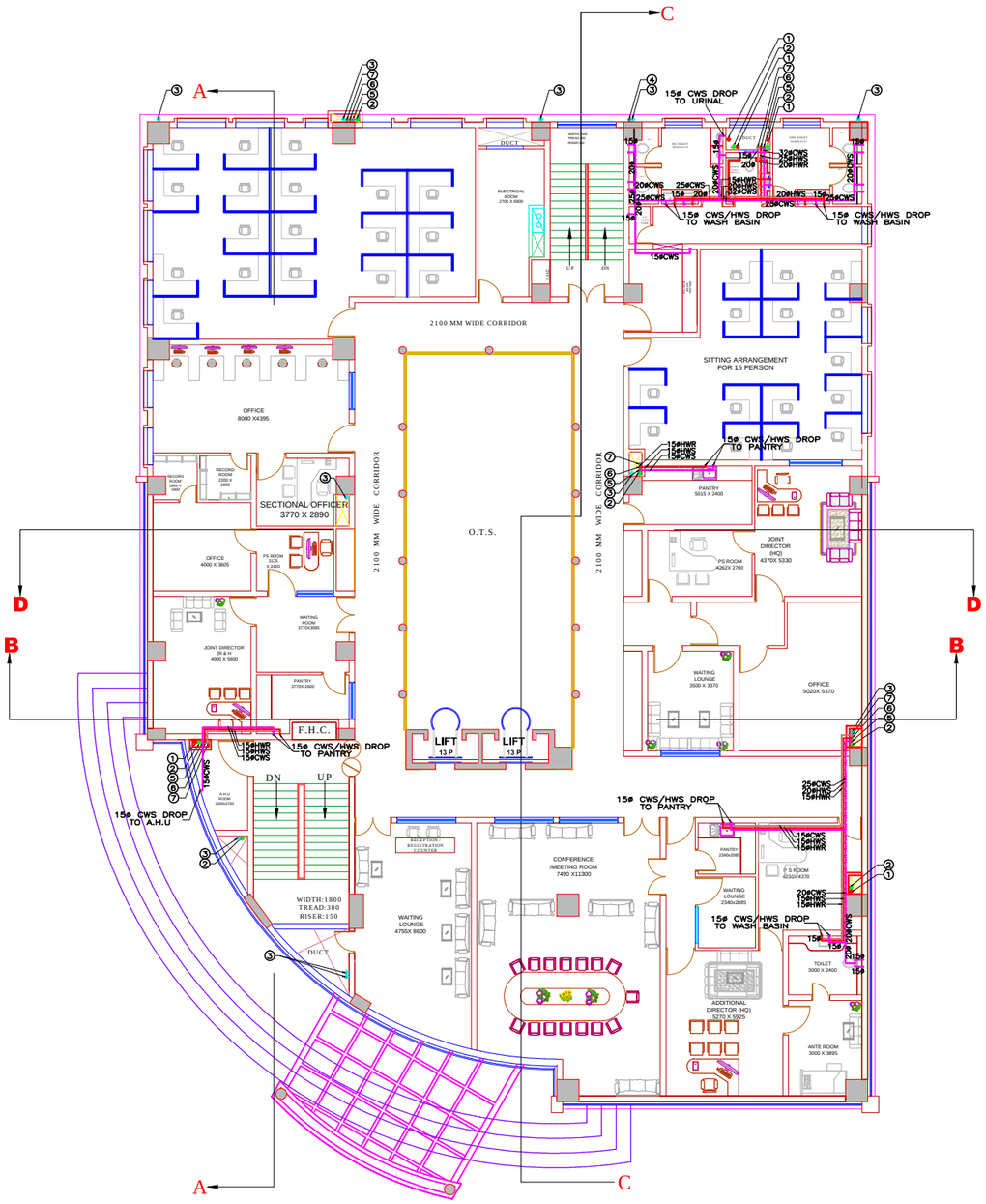

FIRST FLOOR PLAN

(GRID 1mx1m)

LEGEND

1.	100ø SOIL PIPE
2.	100ø WASTE PIPE
3.	100ø RAIN WATER PIPE
4.	ø CWS. RISER CUM DOWN COMER
5.	ø CWS. DN. TK.
6.	ø HOT WATER SUPPLY PIPE DN TK.
7.	ø HOT WATER RETURN PIPE

NOTES:–

1.	W.C TO SOIL STACK 100ø PIPE
2.	F.T TO WASTE STACK 100ø PIPE
3.	F.D TO F.T 50ø WASTE PIPE
4.	WASH BASIN TO F.T 32ø WASTE PIPE
5.	KITCHEN SINK TO F.T 50ø WASTE PIPE
6.	F.T TO G.T 100ø WASTE PIPE
7.	SOIL STACK TO M.H 100ø PIPE
8.	WASTE STACK TO G.T 100ø PIPE
9.	G.T TO M.H 150ø PIPE
10.	M.H TO M.H 250ø PIPE

NOTES:–

WC TO SOIL STACK	100ø PIPE
FT TO WASTE STACK	100ø PIPE
UT TOSOIL STACK	100ø PIPE
FD TO FT	50ø G.I. WASTE PIPE
URINAL TO UT	40øG.I. SOIL PIPE
WASE BASIN TO FT	32ø G.I.WASTE PIPE
KITCHEN SINK TO FT	50øG.I PIPE
G.T TO M.H	150ø S.W PIPE

PRESENTATION DRAWING

NOTES -

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SL. NO.	DESCRIPTION	BY	DATE

REVISIONS

SL. NO.	DESCRIPTION	BY	DATE

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SYSTEM CONSULTANCY SERVICES

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PROJECT

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architect : sanjay & vijay sinha
AN ISO 9001:2008 CERTIFIED

TITLE

PLUMBING LAYOUT PLAN

FIRST FLOOR PLAN

SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPVD. BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–105	REV.
SHEET NO.		R-0

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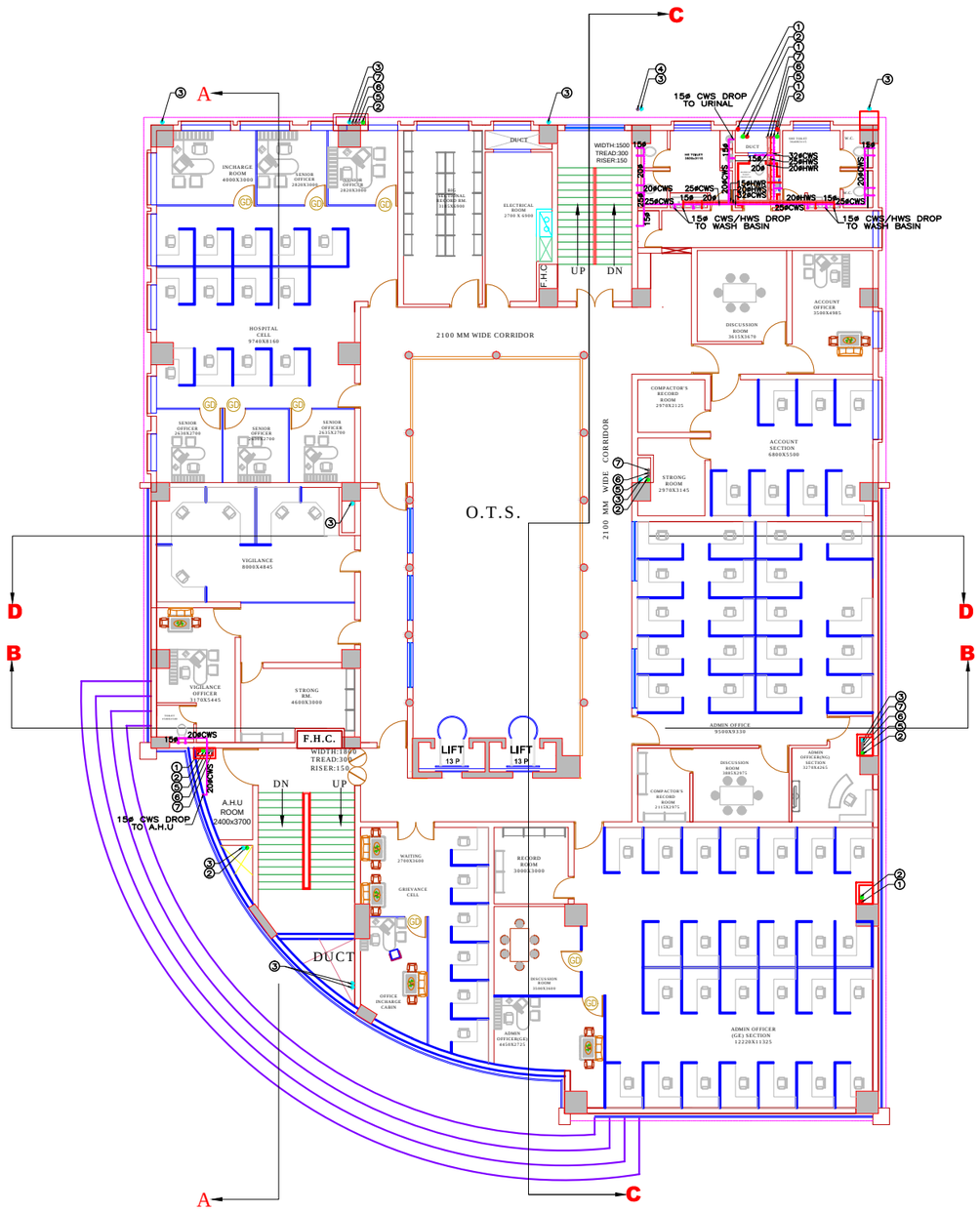

SECOND FLOOR PLAN

(GRID 1mx1m)

LEGEND

1.	100ø SOIL PIPE
2.	100ø WASTE PIPE
3.	100ø RAIN WATER PIPE
4.	ø CWS. RISER CUM DOWN COMER
5.	ø CWS. DN. TK.
6.	ø HOT WATER SUPPLY PIPE DN TK.
7.	ø HOT WATER RETURN PIPE

NOTES:–

1.	W.C TO SOIL STACK 100ø PIPE
2.	F.T TO WASTE STACK 100ø PIPE
3.	F.D TO F.T 50ø WASTE PIPE
4.	WASH BASIN TO F.T 32ø WASTE PIPE
5.	KITCHEN SINK TO F.T 50ø WASTE PIPE
6.	F.T TO G.T 100ø WASTE PIPE
7.	SOIL STACK TO M.H 100ø PIPE
8.	WASTE STACK TO G.T 100ø PIPE
9.	G.T TO M.H 150ø PIPE
10.	M.H TO M.H 250ø PIPE

NOTES:–

WC TO SOIL STACK100ø PIPE
FT TO WASTE STACK 100ø PIPE
UT TOSOIL STACK 100ø PIPE
FD TO FT 50ø G.I. WASTE PIPE
URINAL TO UT 40øG.I. SOIL PIPE
WASE BASIN TO FT 32ø G.I.WASTE PIPE
KITCHEN SINK TO FT 50øG.I PIPE
G.T TO M.H 150ø S.W PIPE

PRESENTATION DRAWING

NOTES -

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SL. NO.	DESCRIPTION	BY	DATE

REVISIONS

SL. NO.	DESCRIPTION	BY	DATE

Plumbing and Fire Protection Consulting Services

SYSTEM CONSULTANCY SERVICES

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Email: writetoscs@gmail.com

PROJECT

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PMC

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architect : sanjay & vijay sinha
AN ISO 9001:2008 CERTIFIED

TITLE

PLUMBING LAYOUT PLAN

SECOND FLOOR PLAN

SCALE - N.T.S.		DATE
PRPD. BY	CHITRAVIR	
CHKD. BY	CHINMOY	
APPVD. BY	R. SINGH	

DRAWING NO.	HLL R.K. PURAM / PL–106	REV.
SHEET NO.		R-0

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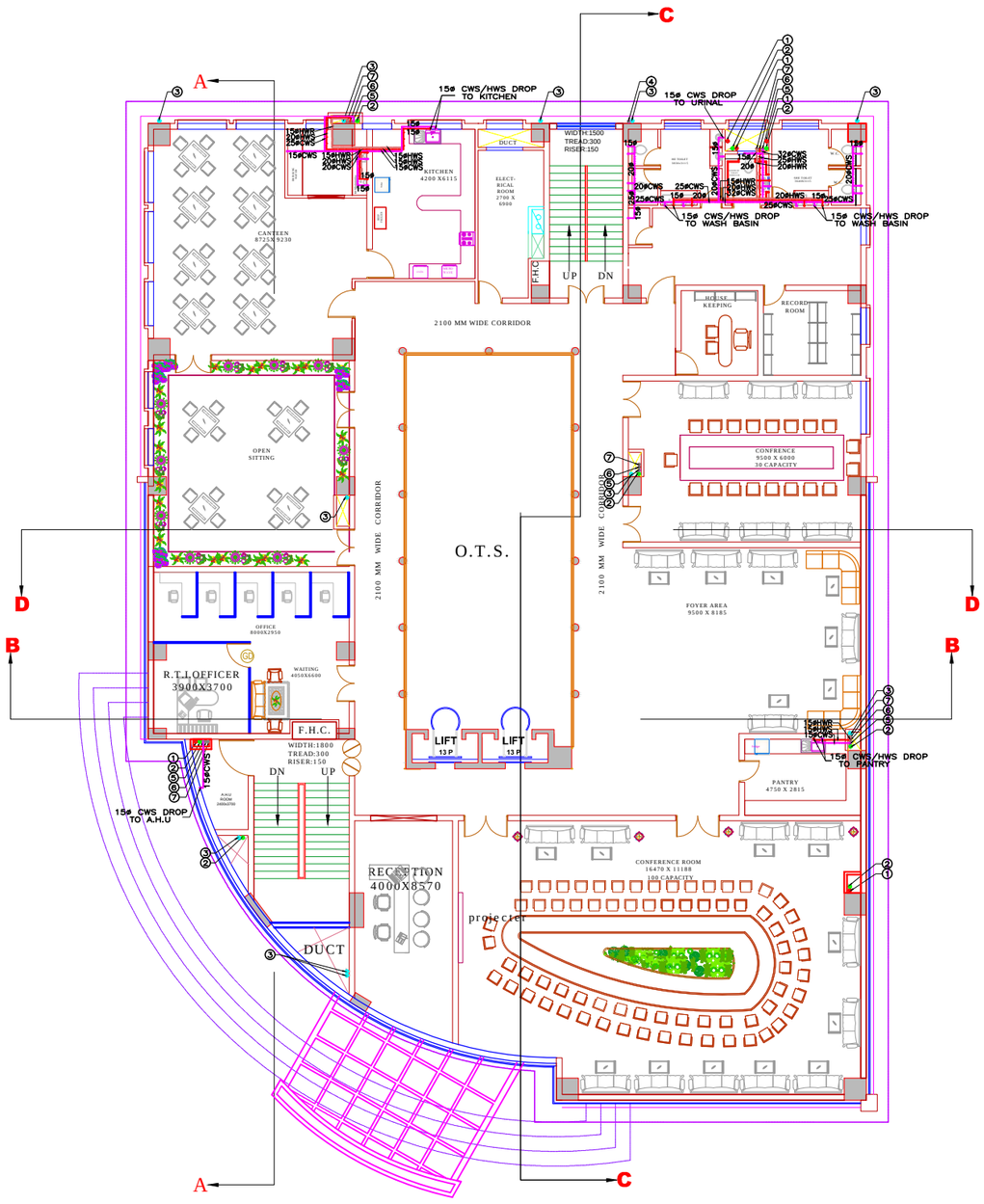

THIRD FLOOR PLAN

(GRID 1mx1m)

LEGEND

1.	100ø SOIL PIPE
2.	100ø WASTE PIPE
3.	100ø RAIN WATER PIPE
4.	ø CWS. RISER CUM DOWN COMER
5.	ø CWS. DN. TK.
6.	ø HOT WATER SUPPLY PIPE DN TK.
7.	ø HOT WATER RETURN PIPE

NOTES:–

1.	W.C TO SOIL STACK 100ø PIPE
2.	F.T TO WASTE STACK 100ø PIPE
3.	F.D TO F.T 50ø WASTE PIPE
4.	WASH BASIN TO F.T 32ø WASTE PIPE
5.	KITCHEN SINK TO F.T 50ø WASTE PIPE
6.	F.T TO G.T 100ø WASTE PIPE
7.	SOIL STACK TO M.H 100ø PIPE
8.	WASTE STACK TO G.T 100ø PIPE
9.	G.T TO M.H 150ø PIPE
10.	M.H TO M.H 250ø PIPE

NOTES:–

WC TO SOIL STACK100ø PIPE
FT TO WASTE STACK 100ø PIPE
UT TOSOIL STACK 100ø PIPE
FD TO FT 50ø G.I. WASTE PIPE
URINAL TO UT 40øG.I. SOIL PIPE
WASE BASIN TO FT 32ø G.I.WASTE PIPE
KITCHEN SINK TO FT 50øG.I PIPE
G.T TO M.H 150ø S.W PIPE

PRESENTATION DRAWING

NOTES -

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SL. NO.	DESCRIPTION	BY	DATE

REVISIONS

SL. NO.	DESCRIPTION	BY	DATE

Plumbing and Fire Protection Consulting Services
SYSTEM CONSULTANCY SERVICES
I - 4/22, Sector 16, Rohini
Email: writetoscs@gmail.com

PROJECT
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AN ISO 9001:2008 CERTIFIED
architect : sanjay & vijay sinha

TITLE	SCALE - N.T.S.	DATE
PLUMBING LAYOUT PLAN THIRD FLOOR PLAN	PRPD. BY CHITRAVIR CHKD. BY CHINMOY APPVD BY R. SINGH	
DRAWING NO. HLL R.K. PURAM / PL–107		REV.
SHEET NO.		R-0

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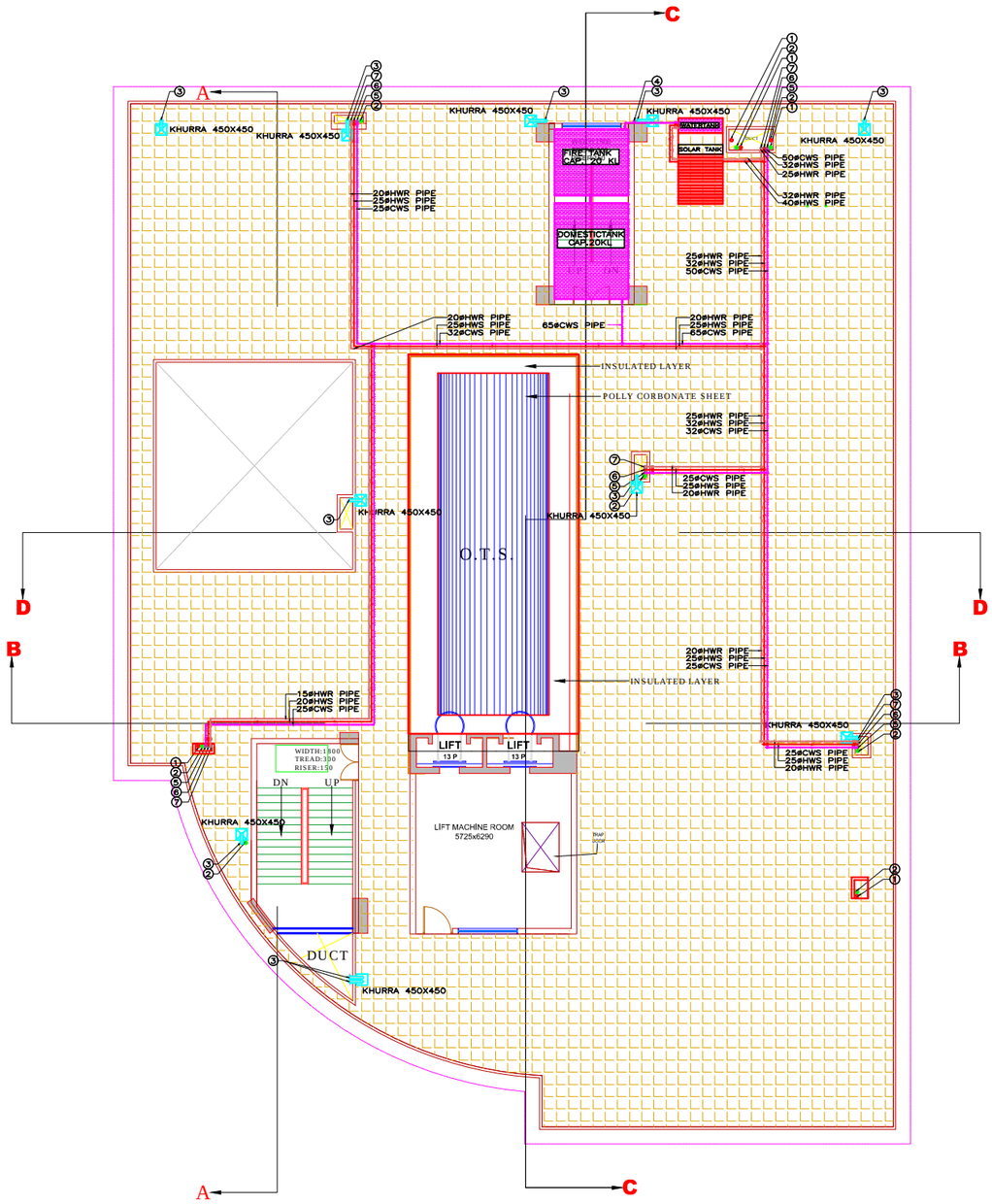
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



THIRD FLOOR PLAN
(GRID 1mx1m)

LEGEND

1.	100ø SOIL PIPE
2.	100ø WASTE PIPE
3.	100ø RAIN WATER PIPE
4.	ø CWS. RISER CUM DOWN COMER
5.	ø CWS. DN. TK.
6.	ø HOT WATER SUPPLY PIPE DN TK.
7.	ø HOT WATER RETURN PIPE

NOTES:–

1.	W.C TO SOIL STACK 100ø PIPE
2.	F.T TO WASTE STACK 100ø PIPE
3.	F.D TO F.T 50ø WASTE PIPE
4.	WASH BASIN TO F.T 32ø WASTE PIPE
5.	KITCHEN SINK TO F.T 50ø WASTE PIPE
6.	F.T TO G.T 100ø WASTE PIPE
7.	SOIL STACK TO M.H 100ø PIPE
8.	WASTE STACK TO G.T 100ø PIPE
9.	G.T TO M.H 150ø PIPE
10.	M.H TO M.H 250ø PIPE

NOTES:–

WC TO SOIL STACK100ø PIPE
FT TO WASTE STACK 100ø PIPE
UT TOSOIL STACK 100ø PIPE
FD TO FT 50ø G.I. WASTE PIPE
URINAL TO UT 40øG.I. SOIL PIPE
WASE BASIN TO FT 32ø G.I.WASTE PIPE
KITCHEN SINK TO FT 50øG.I PIPE
G.T TO M.H 150ø S.W PIPE

PRESENTATION DRAWING

NOTES -

DO NOT SCALE DRAWING ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED

SL. NO.	DESCRIPTION	BY	DATE

REVISIONS

SL. NO.	DESCRIPTION	BY	DATE

Plumbing and Fire Protection Consulting Services
SYSTEM CONSULTANCY SERVICES
I - 4/22, Sector 16, Rohini
Email: writetoscs@gmail.com

PROJECT
Construction of CGHS wellness centre and
Administrative Building at R.K.Puram, Sector-13, New Delhi

PMC
HLL LIFECARE LIMITED ,B-14/A
SECTOR -62
NOIDA-201307

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architect : sanjay & vijay sinha
AN ISO 9001:2008 CERTIFIED

TITLE
PLUMBING LAYOUT PLAN
THIRD FLOOR PLAN

SCALE - N.T.S.	DATE
PRPD. BY CHITRAVIR	
CHKD. BY CHINMOY	
APPVD. BY R. SINGH	

DRAWING NO. HLL R.K. PURAM / PL–108 REV.
SHEET NO. R-0

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