PROPOSED HOUSE WORKING DRAWINGS

MR. ASIF
PROJECT AT
VEHARI.

WAZIR
AND SONS

Architecture, Interiors, Structure, MEP & Construction

SECTOR-C, COMMERCIAL, BAHRIA TOWN LAHORE.

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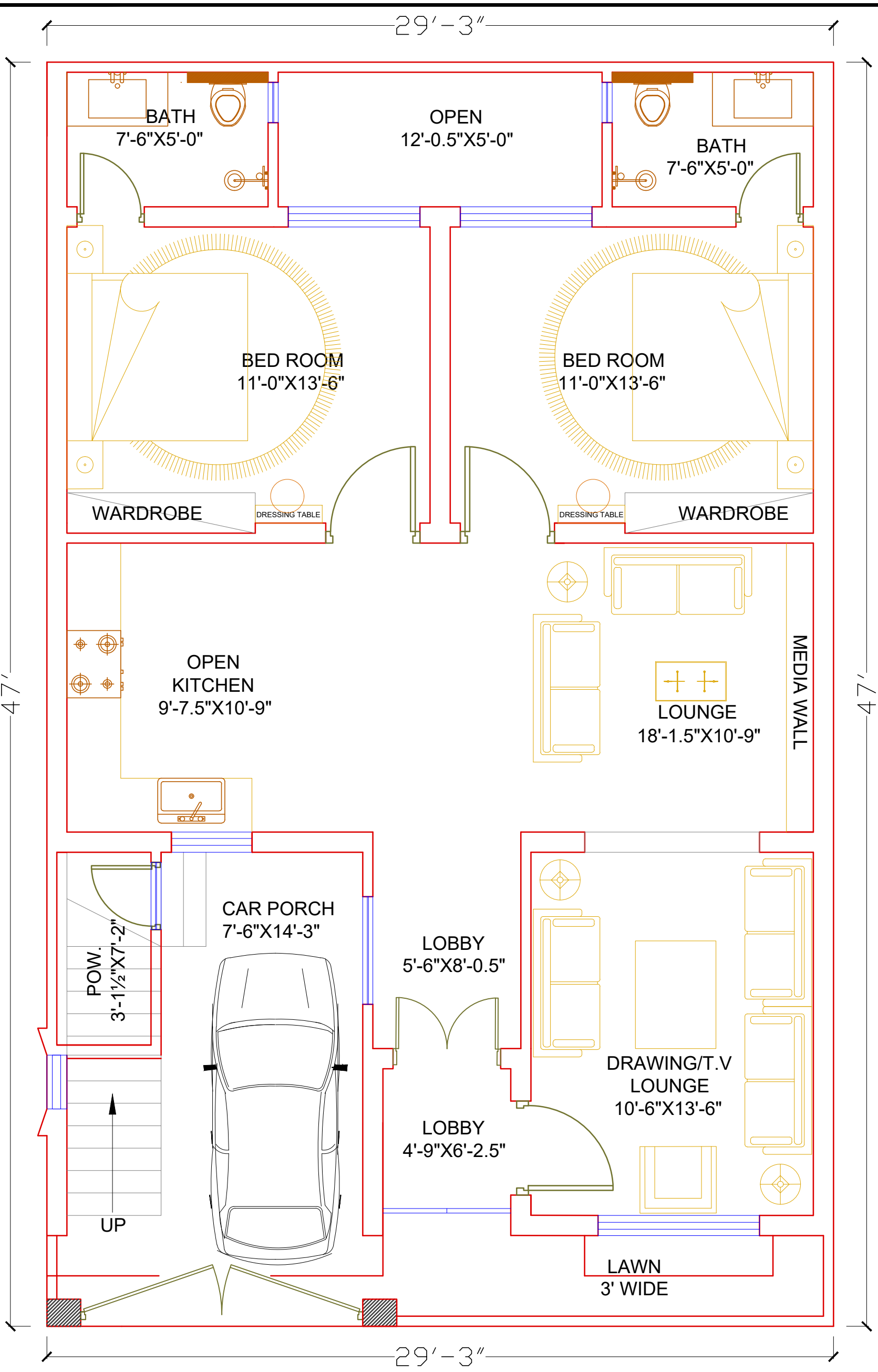
DRAWING SCHEDULE

S. NO.	DWG. NO.	DESCRIPTION
1	0	COVER PAGE
2	0 - 0	LIST OF DRAWINGS
PURPOSED DRAWINGS		
3	01	GROUND FLOOR FURNITURE PLAN
4	02	FIRST FLOOR FURNITURE PLAN
5	03	MUMTY FLOOR FURNITURE PLAN
WORKING DRAWINGS		
6	04	GROUND FLOOR WORKING DETAIL
7	05	FIRST FLOOR WORKING DETAIL
8	06	MUMTY FLOOR WORKING DETAIL
9	07	3D & 2D WORKING DETAIL
10	08	DOOR & WINDOW SCHEDULES
STRUCTURAL DRAWINGS		
ELECTRIC DRAWINGS		
WATER SUPPLY DRAWINGS		
SEWERAGE DRAWINGS		

TITLE	DRAWING SCHEDULE		LIST OF DRAWINGS		S.NO.	REVISION	OREINTATION	WAZIR & SONS Architecture, Interior, Structure, Construction 0308 4343942 http:/www.wazirandsons.pk wazirandsonspk@gmail.com SECTOR-C, COMMERCIAL, BAHRIA TOWN LAHORE.
CLIENT	MR. ASIF	CHECKED BY	AR.ADNAN CH.	SHEET NO.	00	01		
PROJECT	VEHARI.	DRAWN BY	M. YASIR	SCALE	N.T.S	02		
		DATE	AUG. 28, 2024	AREA	NILL //	03		



GROUND FLOOR PLAN

GENERAL NOTES.

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TITLE	**PURPOSED FURNITURE PLAN**		**GROUND FLOOR PLAN**			S.NO.	REVISION	OREINTATION
CLIENT	**MR. ASIF**	CHECKED BY	AR.ADNAN CH.	SHEET NO.	**01**	01		
PROJECT	**VEHARI.**	DRAWN BY	M. YASIR	SCALE	N.T.S	02		
		DATE	AUG. 28, 2024	AREA	NILL //	03		

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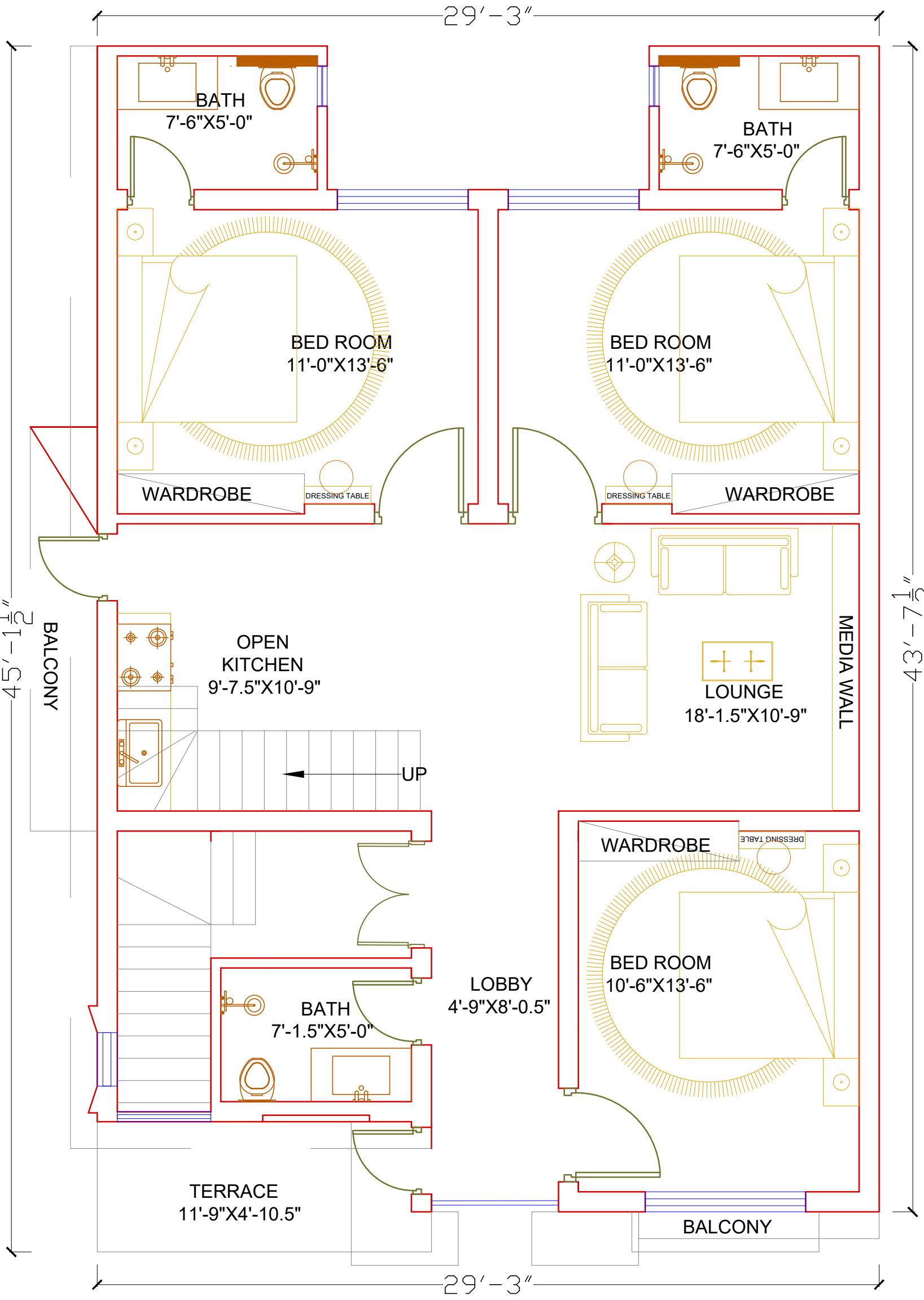

FIRST FLOOR PLAN

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TITLE	PURPOSED FURNITURE PLAN		FIRST FLOOR PLAN			S.NO.	REVISION	OREINTATION
CLIENT	MR. ASIF	CHECKED BY	AR.ADNAN CH.	SHEET NO.	02	01		
PROJECT	VEHARI.	DRAWN BY	M. YASIR	SCALE	N.T.S	02		
		DATE	AUG. 28, 2024	AREA	NILL //	03		

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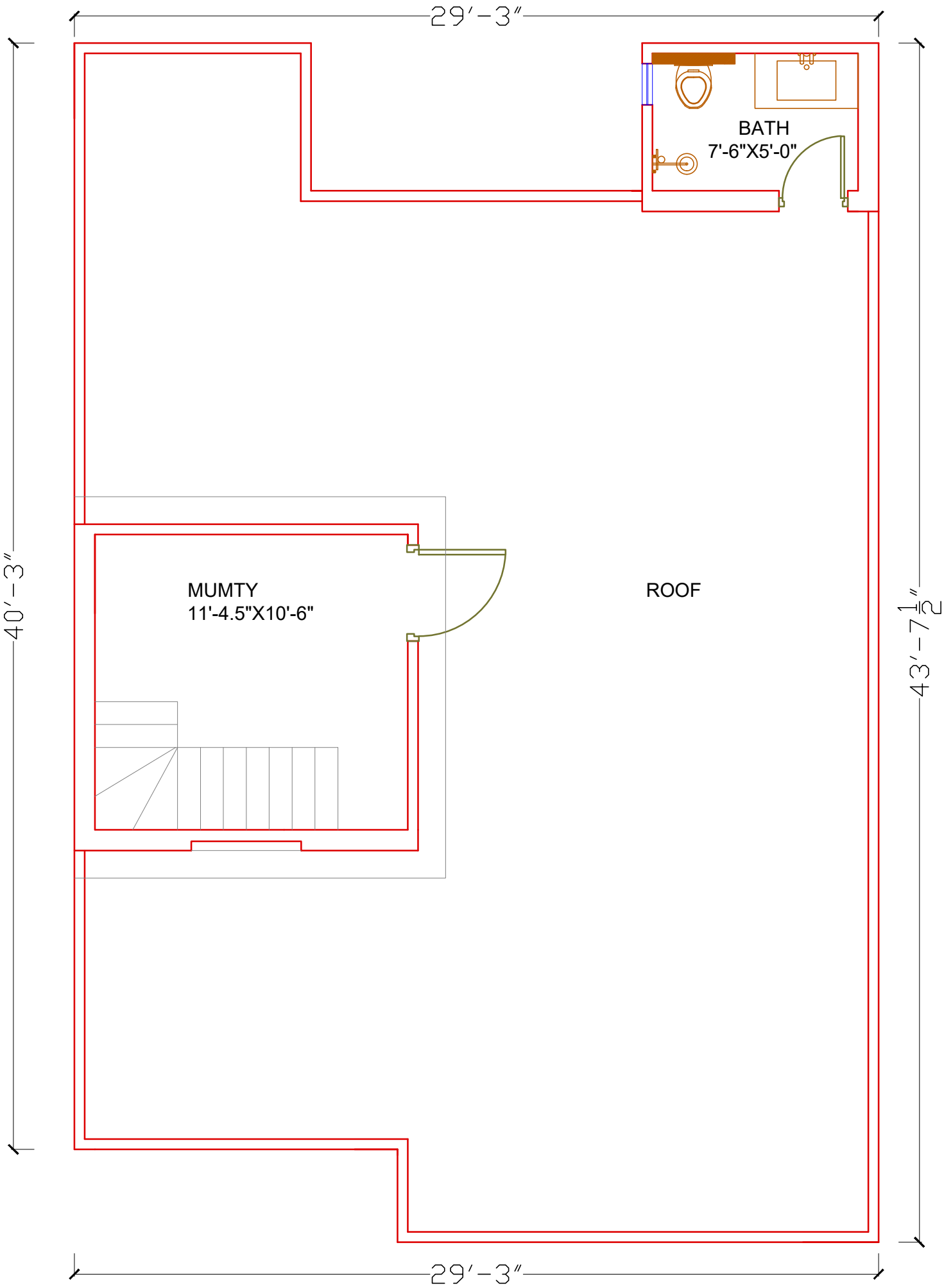

MUMTY FLOOR PLAN

GENERAL NOTES.

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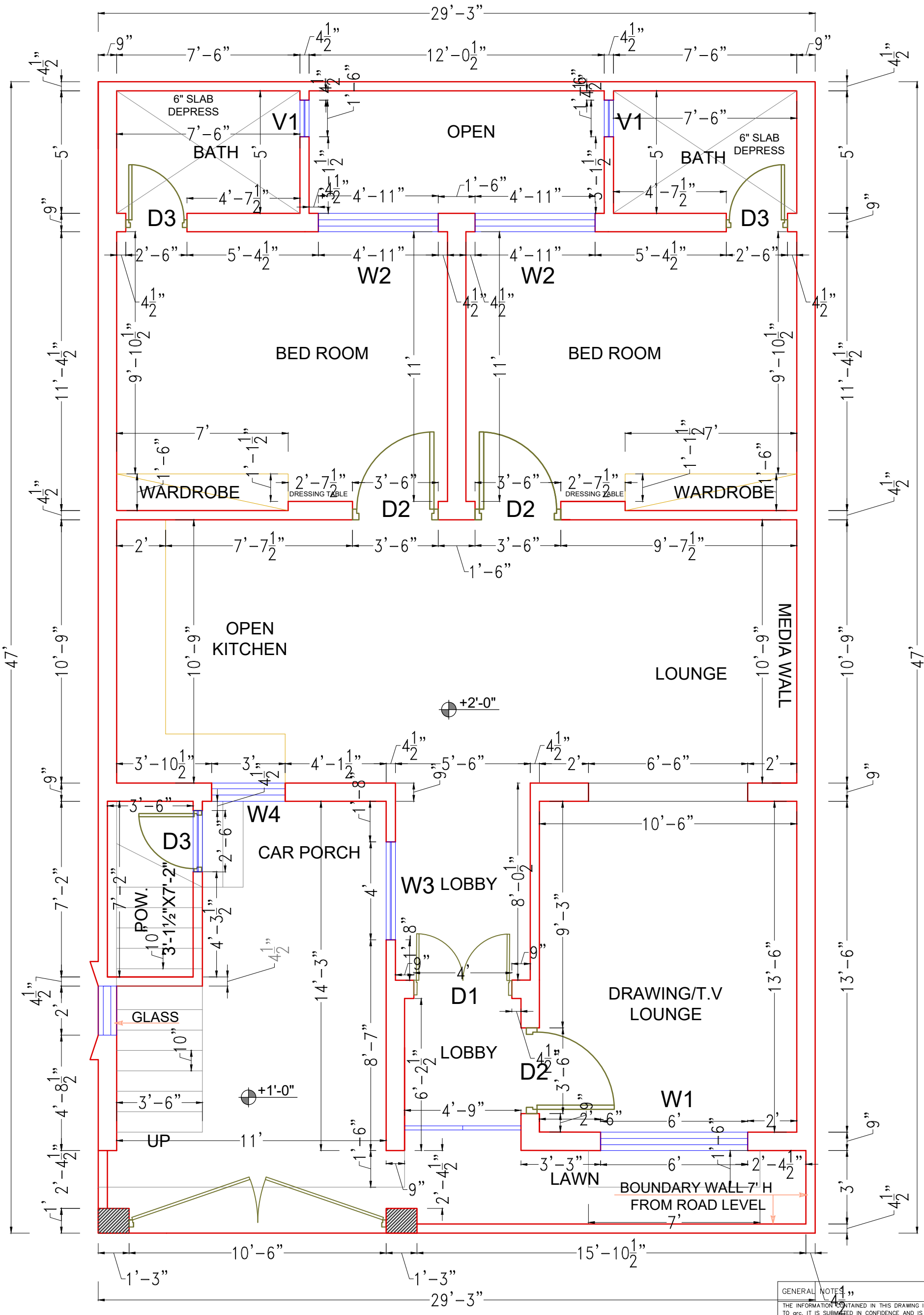
TITLE	PURPOSED FURNITURE PLAN		MUMTY FLOOR PLAN		S.NO.	REVISION	OREINTATION	WAZIR & SONS
CLIENT	MR. ASIF	CHECKED BY	AR.ADNAN CH.	SHEET NO. 03	01			Architecture, Interior, Structure, Construction
PROJECT	VEHARI.	DRAWN BY	M. YASIR	SCALE N.T.S	02			0308 4343942
		DATE	AUG. 28, 2024	AREA NILL //	03			http:/www.wazirandsons.pk wazirandsonspk@gmail.com SECTOR-C, COMMERCIAL, BAHRIA TOWN LAHORE.

WAZIR AND SONS



GROUND FLOOR PLAN

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TITLE	WORKING PLAN		GROUND FLOOR PLAN		S.NO.	REVISION	OREINTATION
CLIENT	MR. ASIF	CHECKED BY	AR.ADNAN CH.	SHEET NO. 04	01		
PROJECT	VEHARI.	DRAWN BY	M. YASIR	SCALE N.T.S	02		
		DATE	AUG. 28, 2024	AREA NILL //	03		

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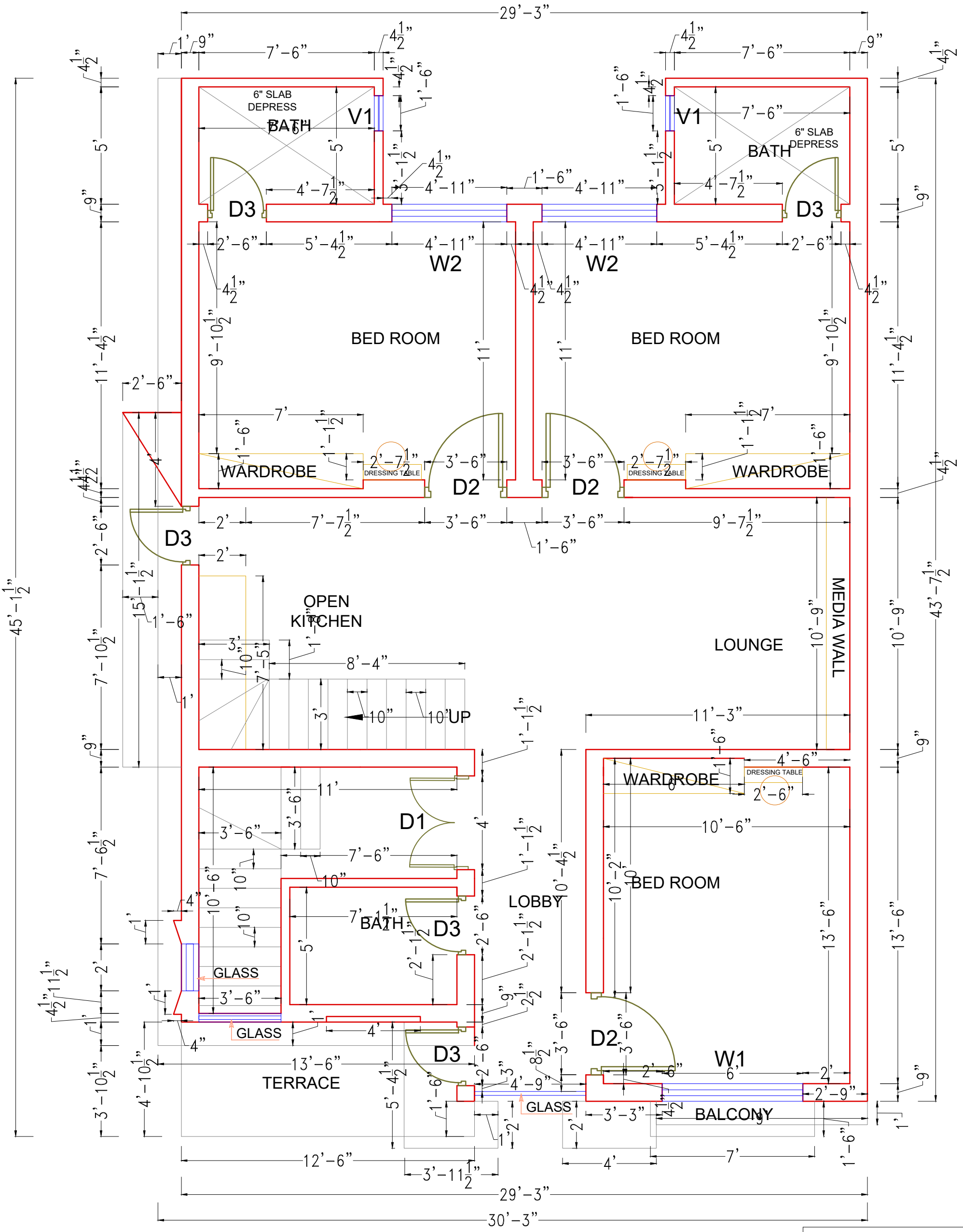

FIRST FLOOR PLAN

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TITLE **WORKING PLAN**		**FIRST FLOOR PLAN**			S.NO.	REVISION	OREINTATION
CLIENT **MR. ASIF**	CHECKED BY	AR.ADNAN CH.	SHEET NO.	**05**	01		
PROJECT **VEHARI.**	DRAWN BY	M. YASIR	SCALE	N.T.S	02		
	DATE	AUG. 28, 2024	AREA	NILL //	03		

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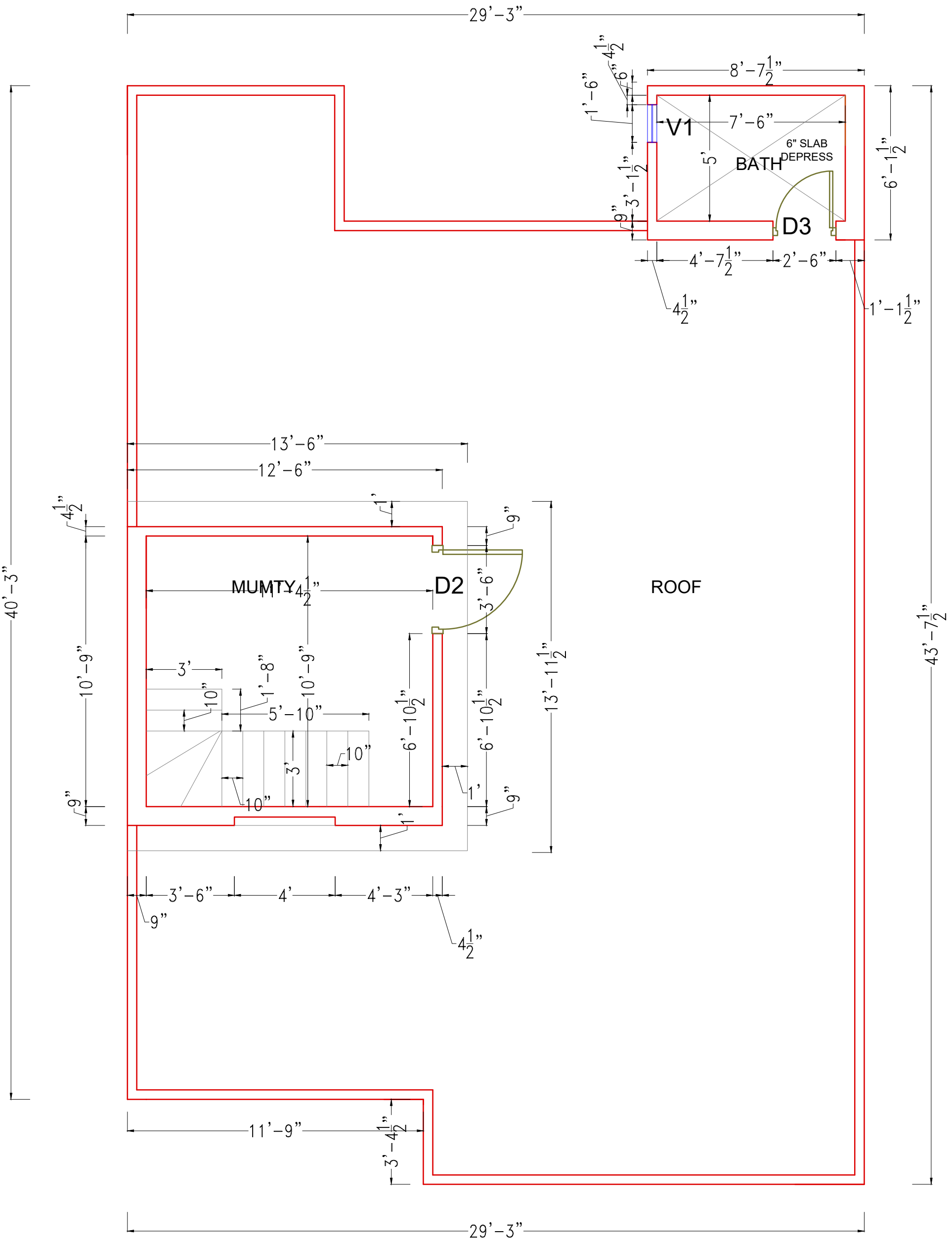

MUMTY FLOOR PLAN

GENERAL NOTES.

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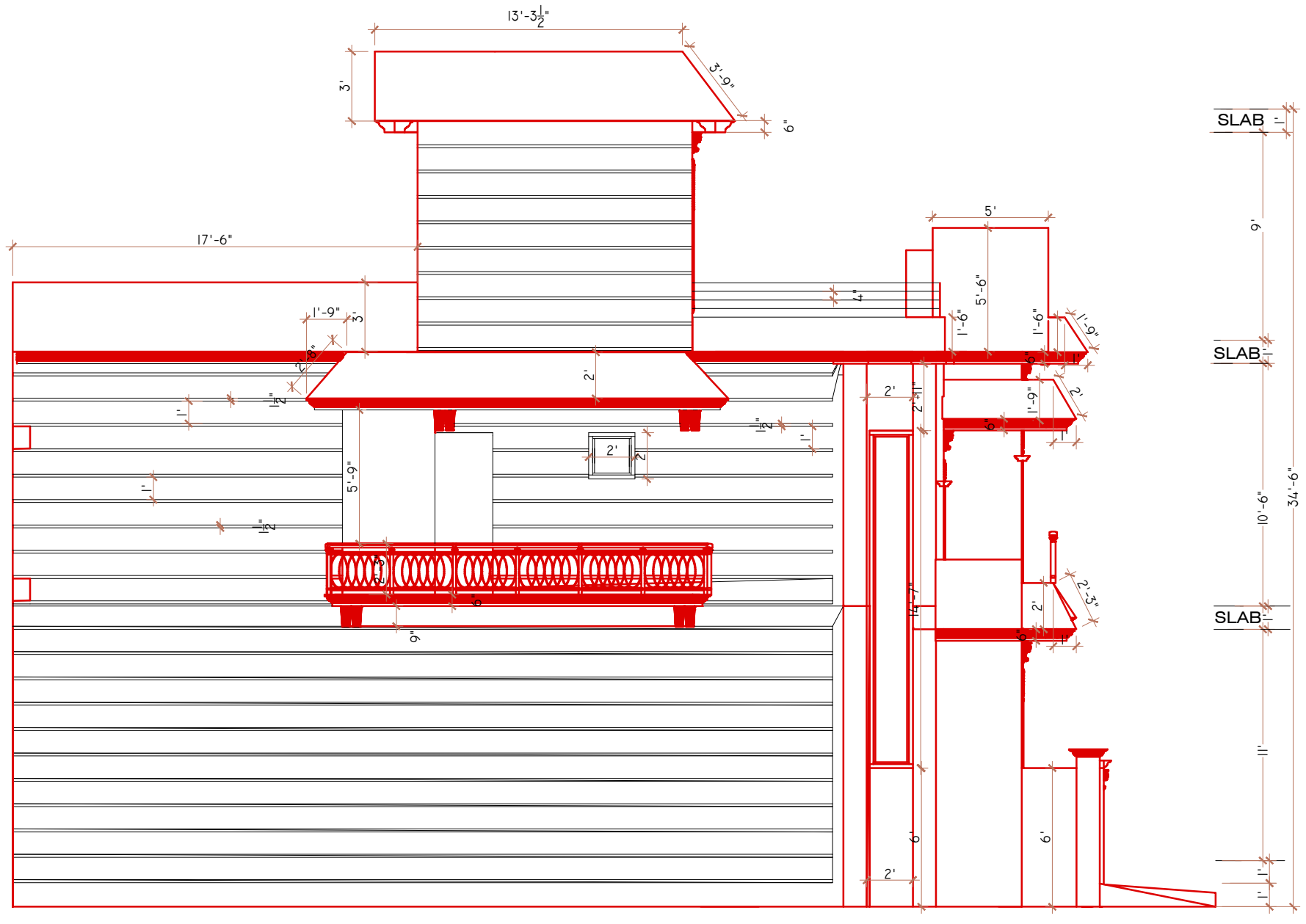
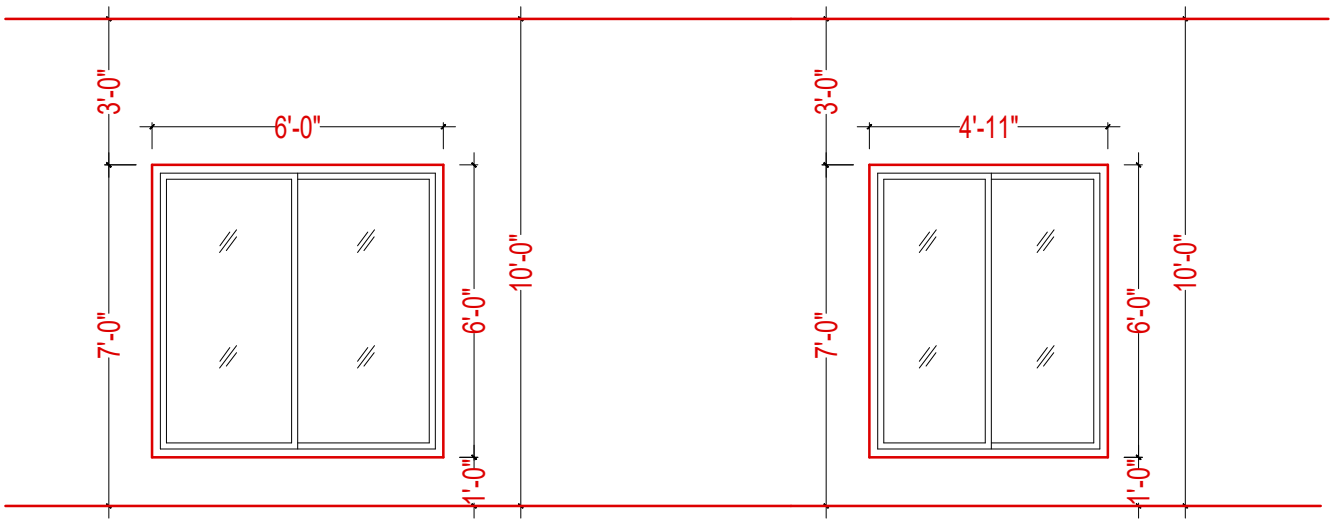
TITLE **WORKING PLAN**		**MUMTY FLOOR PLAN**			S.NO.	REVISION	OREINTATION	WAZIR & SONS Architecture, Interior, Structure, Construction 0308 4343942 http:/www.wazirandsons.pk wazirandsonspk@gmail.com SECTOR-C, COMMERCIAL, BAHRIA TOWN LAHORE.
CLIENT **MR. ASIF**	CHECKED BY	AR.ADNAN CH.	SHEET NO.	06	01			
PROJECT **VEHARI.**	DRAWN BY	M. YASIR	SCALE	N.T.S	02			
	DATE	AUG. 28, 2024	AREA	NILL //	03			

TITLE **ELEVATION DETAIL**		**FRONT**			S.NO.	REVISION	ORIENTATION	WAZIR & SONS Architecture, Interior, Structure, Construction 0308 4343942 http:/www.wazirandsons.pk wazirandsonspk@gmail.com SECTOR-C, COMMERCIAL, BAHRIA TOWN LAHORE.
CLIENT **MR. SHAKIL**	CHECKED BY	AR.Azhan CH.	SHEET NO.	**07**	01			
PROJECT **SHER SULTAN.**	DRAWN BY	M. YASIR	SCALE	N.T.S	02			
	DATE	Oct. 18, 2024	AREA	NILL //	03			

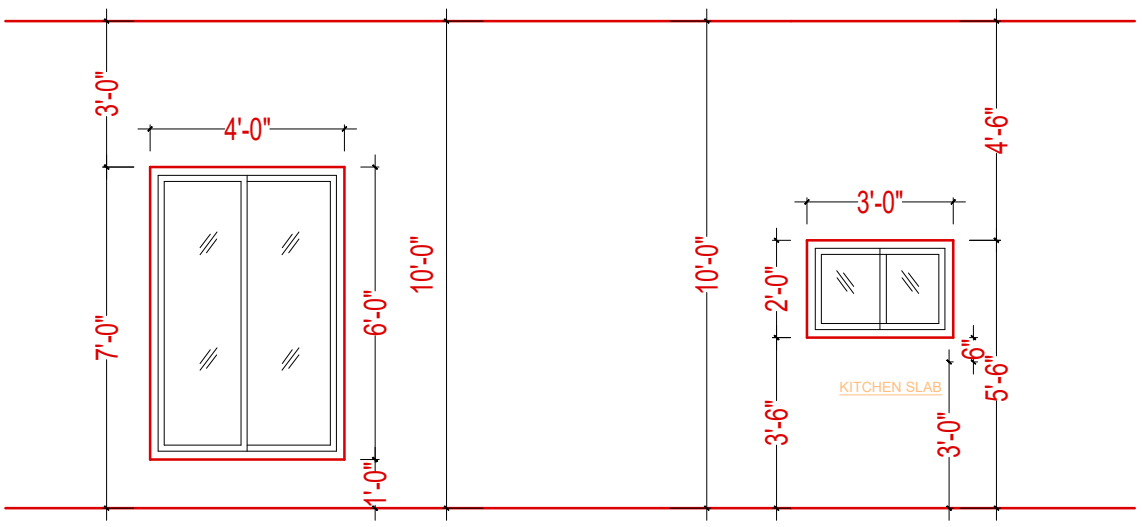


TITLE **ELEVATION DETAIL**		**RIGHT SIDE**			S.NO.	REVISION	ORIENTATION	WAZIR & SONS Architecture, Interior, Structure, Construction 0308 4343942 http:/www.wazirandsons.pk wazirandsonspk@gmail.com SECTOR-C, COMMERCIAL, BAHRIA TOWN LAHORE.
CLIENT **MR. ASIF**	CHECKED BY	AR.ADNAN CH.	SHEET NO.	**08**	01			
PROJECT **VEHARI.**	DRAWN BY	M. YASIR	SCALE	N.T.S	02			
	DATE	AUG. 28, 2024	AREA	NILL //	03			



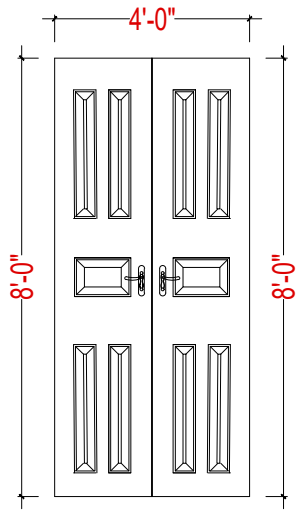
WINDOW - 1

WINDOW - 2

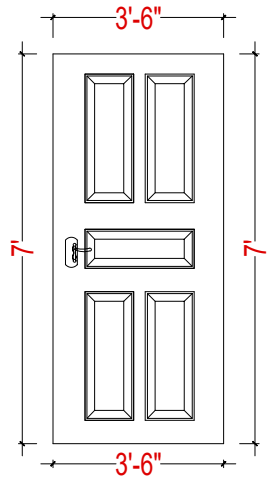


WINDOW - 3

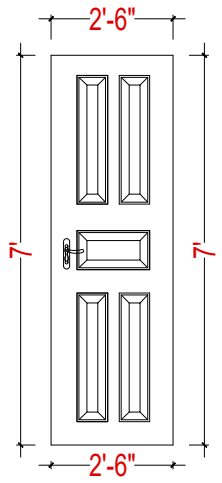
WINDOW - 4



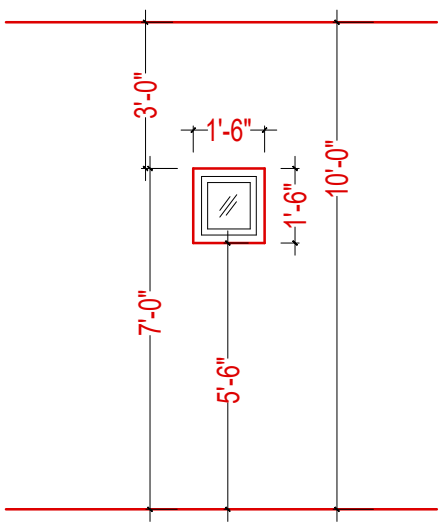
DOOR - 1



DOOR - 2



DOOR - 3



V-1

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TITLE **WINDOW SCHEDULE**		**G.F + F.F + T.P FLOORS**			S.NO.	REVISION	OREINTATION
CLIENT **MR. ASIF**	CHECKED BY	AR.ADNAN CH.	SHEET NO.	**09**	01		
PROJECT **VEHARI.**	DRAWN BY	M. YASIR	SCALE	N.T.S	02		
	DATE	AUG. 28, 2024	AREA	NILL //	03		

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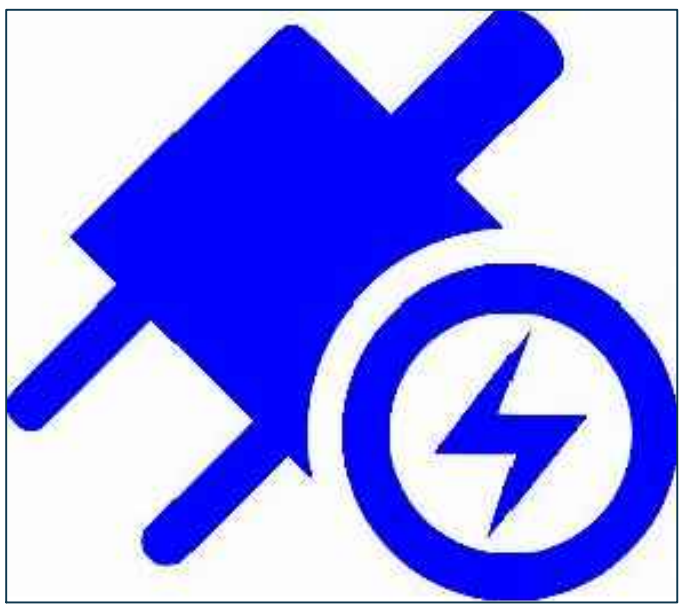
ELECTRICAL DESIGN

PROPOSED RESIDENTIAL PLAN AT VEHARI.



ELECTRICAL DRAWINGS

MEP CONSULTANT:

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Sector-C Commercial Bahria Town Lahore.

PROJECT NAME: VEHARI.	**OWNED BY:** MR. ASIF	**DRAWING TITLE:** TITLE PAGE	**DESIGNED BY:** WAZIR & SONS
NOTS: 1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED. 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.		**DRAWING NO:** 0	**DRAW BY:** WAZIR & SONS
			SCALE: NTS

REVISIONS: 00
DATE: 30-11-2024

WIRING ACCESSORIES

S.NO	SYMBOLS	DESCRIPTION	MAKE	MOUNTING HEIGHT
1		WALL SOCKET	–	–
2	(TWO WAY)	SYMBOL INDICATE 2 WAY GANG TYPE SWITCH 10 AMPS,	–CLIPSAL –MK –LEGRAND	3'–6" F.F.L
3		SYMBOL INDICATES 16 SWG M.S SWITCH BOARD WITH PLATE	LOCAL	3'–6" F.F.L
4		3 PIN COMBINED SWITCH SOCKET 5 AMPS, ON M.S BACK BOX 3"x3"	–CLIPSAL –MK –LEGRAND	0'–9" F.F.L
5		UNIVERSAL POWER SOCKET 10/16 AMPS, ON M.S BACK BOX 4"x4"	–CLIPSAL –MK –LEGRAND	0'–9" F.F.L
6		3 PIN COMBINED SWITCH SOCKET 15 AMPS, ON M.S BACK BOX 4"x4"	–CLIPSAL –MK –LEGRAND	0'–9" F.F.L
7		INDICATES UNIVERSAL SHAVER SOCKET 115/240V, ON M.S BACK BOX 3"x3"	–CLIPSAL –MK –LEGRAND	12" ABOVE VANITY LEVEL
8		INDICATES WIRING IN 3/4" PVC CONDUIT BURIED IN SLAB	–BETA –POPULAR –SHAVYL	–IN WALL/ –BUF/BUG/ BIS/AFC
9		INDICATES WIRING IN 3/4" PVC CONDUIT BURIED IN WALL/CABLE TRAY	–BETA –POPULAR –SHAVYL	–IN WALL/ –BUF/BUG/ BIS/AFC
10		DVR/NVR	–	–
11	BUG/BUF/BIS/ BIW/AFC	INDICATES CONDUITS BURRIED UNDER GROUND/ UNDER FLOOR/IN SLAB/IN WALL/ABOVE FALSE CEILING	–	–
12		CCTV CAMERA	–	–
13		DOME CAMERA	–	–
14		MANHOLE 12"x12x"15"(INNER SIZE) WITH WATER TIGHT R.C.C COVER	–	–
15		INDICATES SPLIT AIR CONDITIONNER (IN DOOR UNIT)	–	SEE ARCH DRG.
16	C–AC	INDICATES CABINET AIR CONDITIONNER (IN DOOR UNIT)	–	SEE ARCH DRG.
17		INDICATES WATER TIGHT BELL PUSH	–CLIPSAL –MK –LEGRAND	ON GATE PILLAR AT 4'–6''FFL
18	B	INDICATES BELL BUZZER ON 3''x3'' M.S BOX	–CLIPSAL –MK –LEGRAND	7'–0" F.F.L ON WALL
19		FAN SWITCH	–	–

FLUORESCENT & INCANDESCENT LIGHT FIXTURES

S.NO	SYMBOLS	DESCRIPTION	MOUNTING HEIGHT
1		INDICATES FLUORESCENT LIGHT WITH 1x18 W TUBE & CAPACITOR TYPE GMP 015/118	12"ABOVE MIRROR
2		INDICATES FLUORESCENT LIGHT WITH 1x18 W TUBE & CAPACITOR TYPE TCW–097 PACIFIC	BLOW IN KITCHEN CABINET
3		INDICATES FLUORESCENT LIGHT WITH 1x36 W TUBE & CAPACITOR TYPE TMS 015/136	ON SLAB
4		INDICATES CEILING LIGHT POINT	ON SLAB
5		INDICATES LIGHT POINT ON COOKING RANGE	6'–6" FFL
6		INDICATES GATE LIGHT POINT	ON GATE PILLAR
7		INDICATES WALL BRACKET LIGHT POINT	ON WALL 7'–0''FFL
8		INDICATES WALL BRACKET WATER TIGHT BULK HEAD LIGHT POINT WITH 1x23W PLCE LAMP	6'–6" F.F.L ON WALL
9		INDICATES MULTI LAMP CHANDELIER	SLAB SUSPENDED
10		INDICATES MINI LAMP CHANDELIER	SLAB SUSPENDED
11		INDICATES CELLING EXHAUST FAN	SLAB
12		INDICATES FAN 48''SWEEP WITH 5/8" DIA M.S HOOK	SLAB SUSPENDED
13		INDICATES EXHAUST FAN DIA AS SHOWN ON DRAWING	SEE ELE. DRG.
14		INDICATES 24''DIA WALL BRACKET FAN	7'–0" F.F.L ON WALL
15		STRIP LIGHTS	ON 9"X9"X9" BRICK PEDISTAL
16		STEP LIGHT RECESSED IN WALL/STEP WITH 8W PLCE LAMP	IN STEP/WALL
17		INDICATES SWIMMING POOL UNDER WATER TIGHT LIGHT 300W–220/12V OR 35W LED LIGHT RECESSED IN SWIMMING POOL WALL	24" FROM TOP OF POOL LEVEL
18		INDICATES ELECTRIC LIGHT POINTS	
19		GARDEN LIGHT	6'–6" F.F.L ON WALL

TELEPHONE SYSTEM

S.NO	SYMBOLS	DESCRIPTION	MAKE	MOUNTING HEIGHT
1		INDICATES TELEPHONE OUTLET ON M.S	–CLIPSAL –MK –LEGRAND	0'–9" F.F.L
2	TV–TJB	INDICATES TELEPHONE.TV & INTERNET DISTRIBUTION BOX	*	4'–0" F.F.L
3		CCTV CAMERA WIRING	–	–
4		DOEM CAMERA WIRING	–	–
5		WIRING TRAY	–	–

TV SYSTEM

S.NO	SYMBOLS	DESCRIPTION	MAKE	MOUNTING HEIGHT
1		INDICATES LED POINT ON M.S	–CLIPSAL –MK –LEGRAND	0'–9" F.F.L
2		INDICATES TV CABLE DISTRIBUTOR	*	4'–0" F.F.L
3	D/TV/TEL & CA JB	SUB DISTRIBUTION PANEL FOR COMMUNICATION SYSTEM (TV/DATA/VOICE)	–	–
4		INDICATES INTERNET CABLE OUTLET POINT ON M.S JUNCTION BOX 3"x3"	–CLIPSAL –MK –LEGRAND	0'–9" F.F.L
5	CAJB	INDICATES CAMERA CABLE DISTRIBUTOR	–	–

SWITCH GEAR

S.NO	SYMBOLS	DESCRIPTION	MAKE	MOUNTING HEIGHT
1	DBLP	DISTRIBUTION BOARD WITH MBS FOR PROTECTION OF LIGHT & POWER SOCKETS CIRCUITS	REFER TO BOQ	4'–0"F.F.L
2	R Y B	PHASE INDICATION LAMPS ON MPB, SMPB & DBs	REFER TO BOQ	SEE DRGS. /BOQ
3	MCCB	MOULDED CASE CIRCUIT BREAKER – MCCB	REFER TO BOQ	SEE DRGS. /BOQ
4	RCCB	RESIDUAL CURRENT CIRCUIT BREAKER SENSTIVITY 300 mA	REFER TO BOQ	SEE DRGS. /BOQ
5	V A	SELECTOR SWITCH / VOLT METER / AMPERE METER SQUARE SHAPED	REFER TO BOQ	SEE DRGS. /BOQ
6		CURRENT TRANSFORMER	REFER TO BOQ	SEE DRGS. /BOQ
7	ATS	ATS PANEL		

NOTE:–

1. MAKES OF ACCESSORIES AND EQUIPMENT IS FOR INFORMATION TO THE CLIENT, OWNER MAY BUY ACCESSORIES FROM ANY MANUFACTURER OF HIS CHOICE.
2. TYPE OF LIGHT FITTING SHALL BE SELECTED BY OWNER IN CONSULTATION WITH ARCHITECT.

WAZIR AND SONS

MEP CONSULTANT:

WAZIR & SONS

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Sector-C Commercial Bahria Town Lahore.

PROJECT NAME: VEHARI.

OWNED BY: MR. ASIF

DRAWING TITLE: LEGENDS

DESIGNED BY: WAZIR & SONS

DRAW BY: WAZIR & SONS

REVISIONS: 00

NOTS:
1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED.
2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.

DRAWING NO: 01

SCALE: NTS

DATE: 30-11-2024

GENERAL & WIRING NOTES:-

1. ALL ELECTRICAL WORKS PERTAINING TO WIRING OF ELECTRICAL SYSTEMS SHALL STRICTLY CONFORM TO I.E.E LATEST EDITION OF RULES & REGULATIONS.
2. ALL WIRING SHALL BE DONE IN PVC CONDUIT TO BE CONCEALED IN WALLS, SLABS,COLUMNS AND FLOOR OR AS SHOWN ON DRAWINGS.
3. THE WIRING SHOULD BE STARTED ONLY AFTER THE CONDUIT SYSTEM HAS BEEN COMPLETED AND ALL OUTLET BOXES ARE FIXED AT THEIR RESPECTIVE POSITIONS.
4. ALL PVC CONDUITS SHALL BE OF 3/4" OR 1"ø (DEPENDING UPON NUMBER OF WIRES) FROM SWITCH BOARD TO LIGHT POINTS & 1" D1A FROM DBs TO SWITCH BOARDS AND POWER SOCKETS OR AS SHOWN ON DRAWINGS.
5. LIGHT / FAN POINT CONTROLLED BY ONE WAY SWITCH. WIRED WITH 1.5mm sq(3/0.029") (AS OF WIRE) 2x2.5mm sq (7/0.029") AS COMMEN NEUTRAL(N) AND EARTH(E) WIRE.
6. LIGHTING CIRCUITS FROM RESPECTIVE DB TO SWITCH SOCKET WIRED WITH 3x2.5mm sq (7/0.029") AS P+N+E
7. SOCKETS WIRED IN PARALLEL WITH 3x2.5mm sq AS P+N+E
8. POWER SOCKETS WIRED WITH 3x4mmSq AS P+N+E
9. SA/C 1-1.5 TON WIRED WITH 3x4mmSq AS P+N+E
10. SA/C 2- 2.5 TON WIRED WITH 3x6mmSq AS P+N+E
11. NO LUBRICATION EXCEPT AS RECOMMENDED BY MANUFACTURER SHALL BE USED FOR PULLING OF WIRES IN PVC CONDUITS.
12. COLOUR CODING FOR WIRING SHALL BE AS FOLLOWS: RED, YELLOW & BLUE FOR PHASES, BLACK FOR NEUTRAL & GREEN / YELLOW FOR CPC (EARTH).
13. ALL LIGHT POINTS AND POWER SOCKETS SHALL BE PROPERLY EARTHED WITH 2.5mm sq PVC INSULATED WIRES OF COLOUR GREEN-YELLOW.
14. THE NUMBER OF WIRES TO BE PULLED IN ANY CONDUIT FOR WIRING PURPOSES SHALL CONFORM TO IEE. TABLE
15. 1" DIA PVC CONDUIT SHALL BE USED FOR WIRING OF ALL OTHER SYSTEMS UNLESS OTHERWISE MENTIONED ON PLANS OR AS INSTRUCTED BY SITE ENGR.
16. ELECTRICAL CONTRACTOR TO CONSULT ELECTRICAL CONSULTANT/ENGINEER FOR ANY FURTHER CLARIFICATIONS. NO ASSUMPTIONS SHOULD BE MADE.
17. A SECURED UPS POWER IS REQUIRED FOR ALL CAMERAS USE 2*1.5mm TO SUPPLY POWER TO EACH CAMERA.

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PROJECT NAME: VEHARI.

OWNED BY: MR. ASIF

NOTS:
1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED.
2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.

DRAWING TITLE: GENERAL NOTES

DRAWING NO: 02

DESIGNED BY: WAZIR & SONS

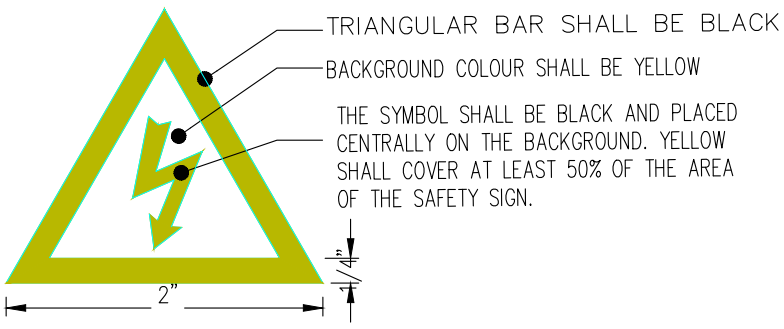
DRAW BY: WAZIR & SONS

SCALE: NTS

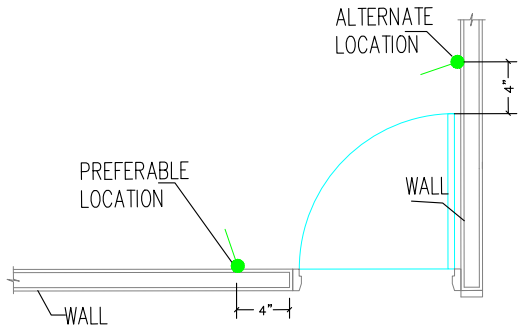
REVISIONS: 00

DATE: 30-11-2024

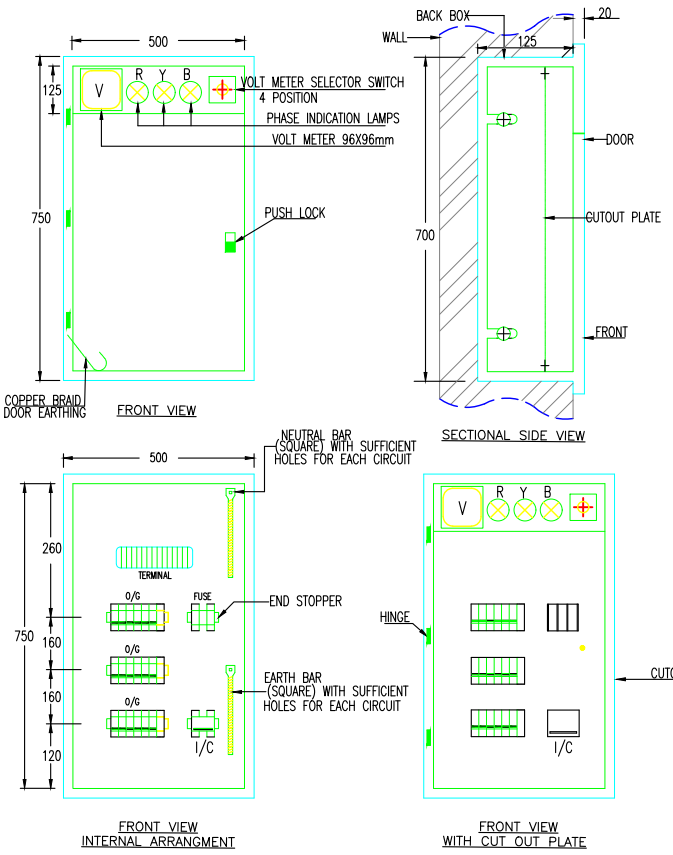
WARNING SIGN



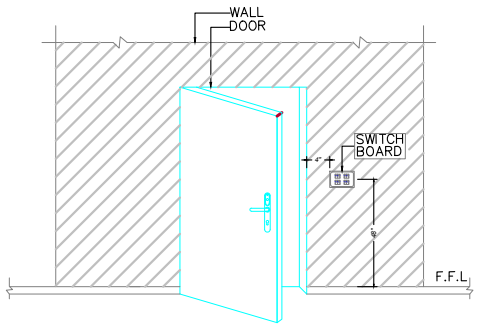
SWITCH GANG LOCATION DETAIL

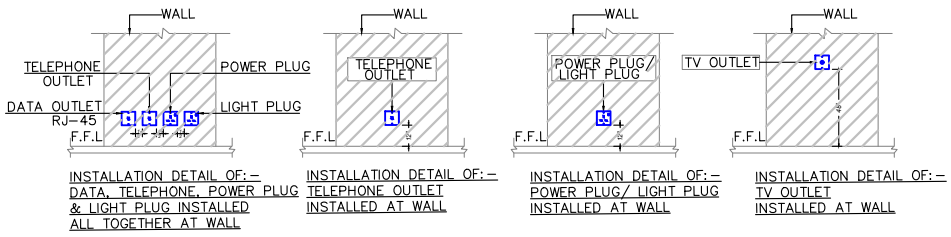


SMDB DETAILS



SWITCH GANG & SOCKETS INSTALLATION DETAILS

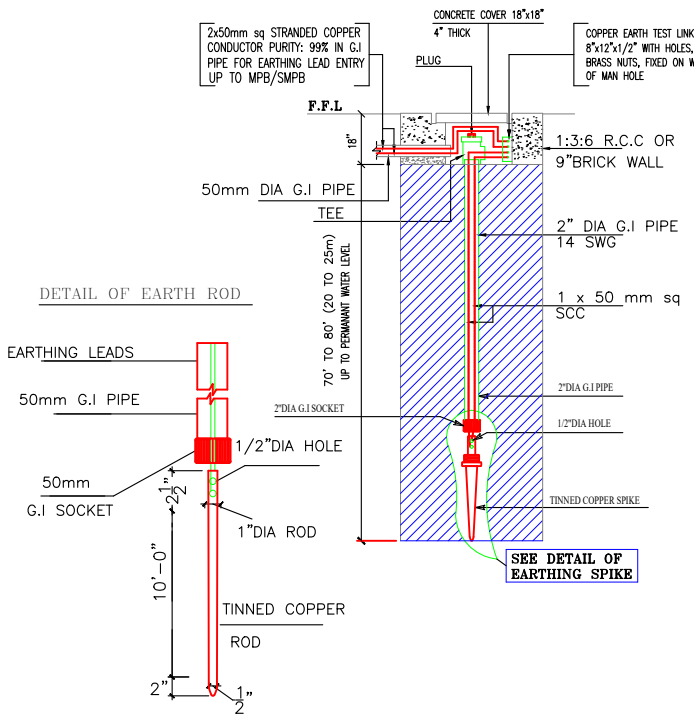




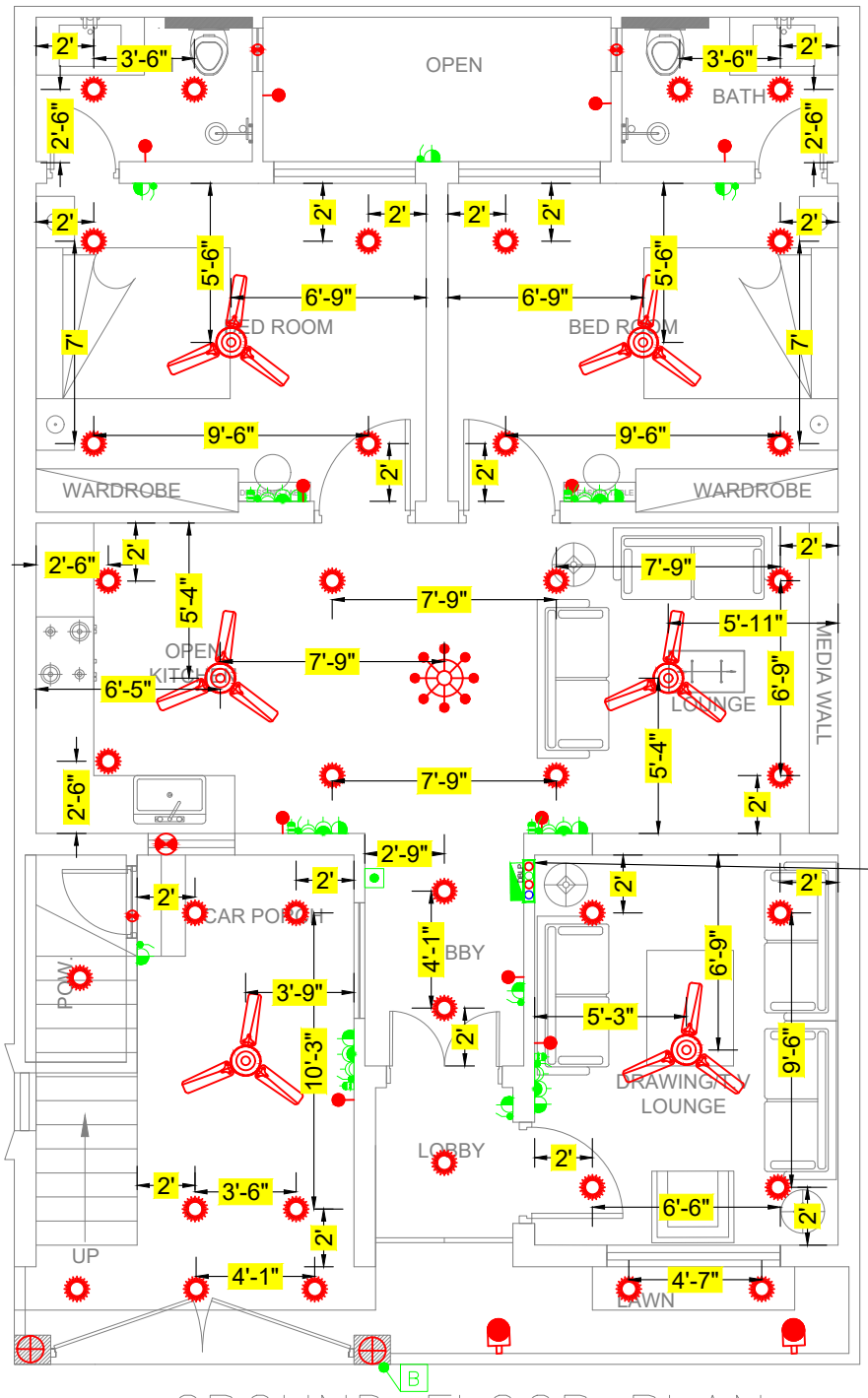
NOTES FOR EARTHING SYSTEM

1. EARTH BORE SHALL BE MADE AT 6'–0" AWAY FROM FOUNDATION.
2. DISTANCE BETWEEN 2 EARTH BORES SHALL NOT BE LESSTHEN 10ft SHALL NOT BE LESS THEN 10 ft (3m)
3. COPPER CONDUCTOR AT TOP OF G.I. PIPE SHALL BE BOLTED WITH THIMBLES, BRASS NUTS, BOLTS ETC.
4. JOINTS SHALL BE COVERED WITH BITUMEN
5. CONTRACTOR TO MEASURE EARTHING RESISTANCE IN THE PRESENCE OF SITE ENGINEER. BOTH THE SITE ENGINEER AND CONTRACTOR SHALL SIGN THE EARTH TESTING RESULT AND SUBMIT IT TO THE CLIENT FOR RECORD.

EARTHING DETAIL BORE TYPE

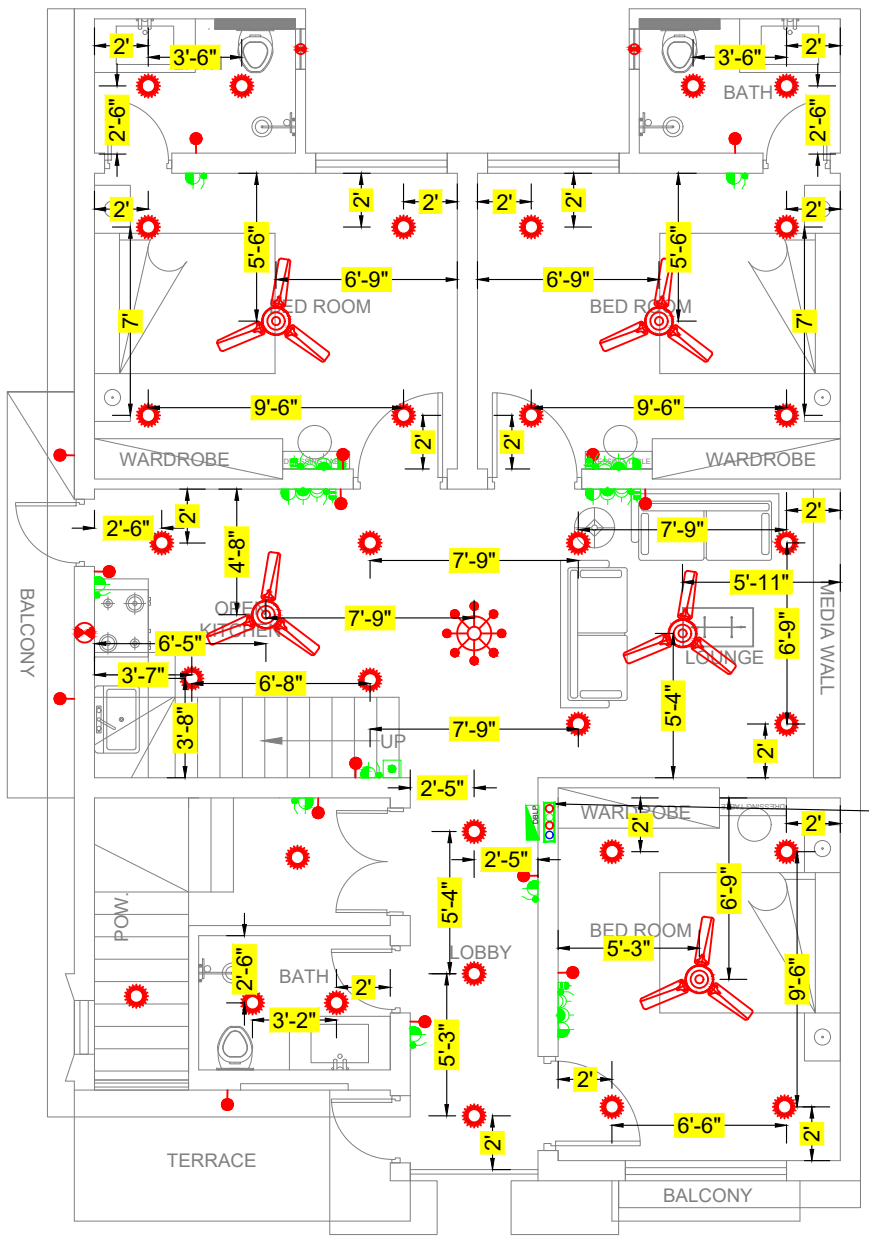


MEP CONSULTANT: WAZIR & SONS +92 3084343942 http://www.wazirandsons.pk wazirandsonspk@gmail.com Sector-C Commercial Bahria Town Lahore.	**PROJECT NAME:** VEHARI.	**OWNED BY:** MR. ASIF	**DRAWING TITLE:** INSTALLATION DETAILS	**DESIGNED BY:** WAZIR & SONS **DRAW BY:** WAZIR & SONS	**REVISIONS:** 00
	NOTS: 1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED. 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.		**DRAWING NO:** 03	**SCALE:** NTS	**DATE:** 30-11-2024



GROUND FLOOR PLAN

3" DIA UPVC SOLAR PIPE D/B+U.P.S
2" DIA PVC PIPE TO MAIN DBLP GROUND FLOOR TO TOP FLOOR



FIRST FLOOR PLAN

3" DIA UPVC SOLAR PIPE D/B+U.P.S
2" DIA PVC PIPE TO MAIN DBLP GROUND FLOOR TO TOP FLOOR

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PROJECT NAME: VEHARI.

OWNED BY: MR. ASIF

DRAWING TITLE: ILLUMINATION LAYOUT GROUND & 1ST FLOOR

DESIGNED BY: WAZIR & SONS

DRAW BY: WAZIR & SONS

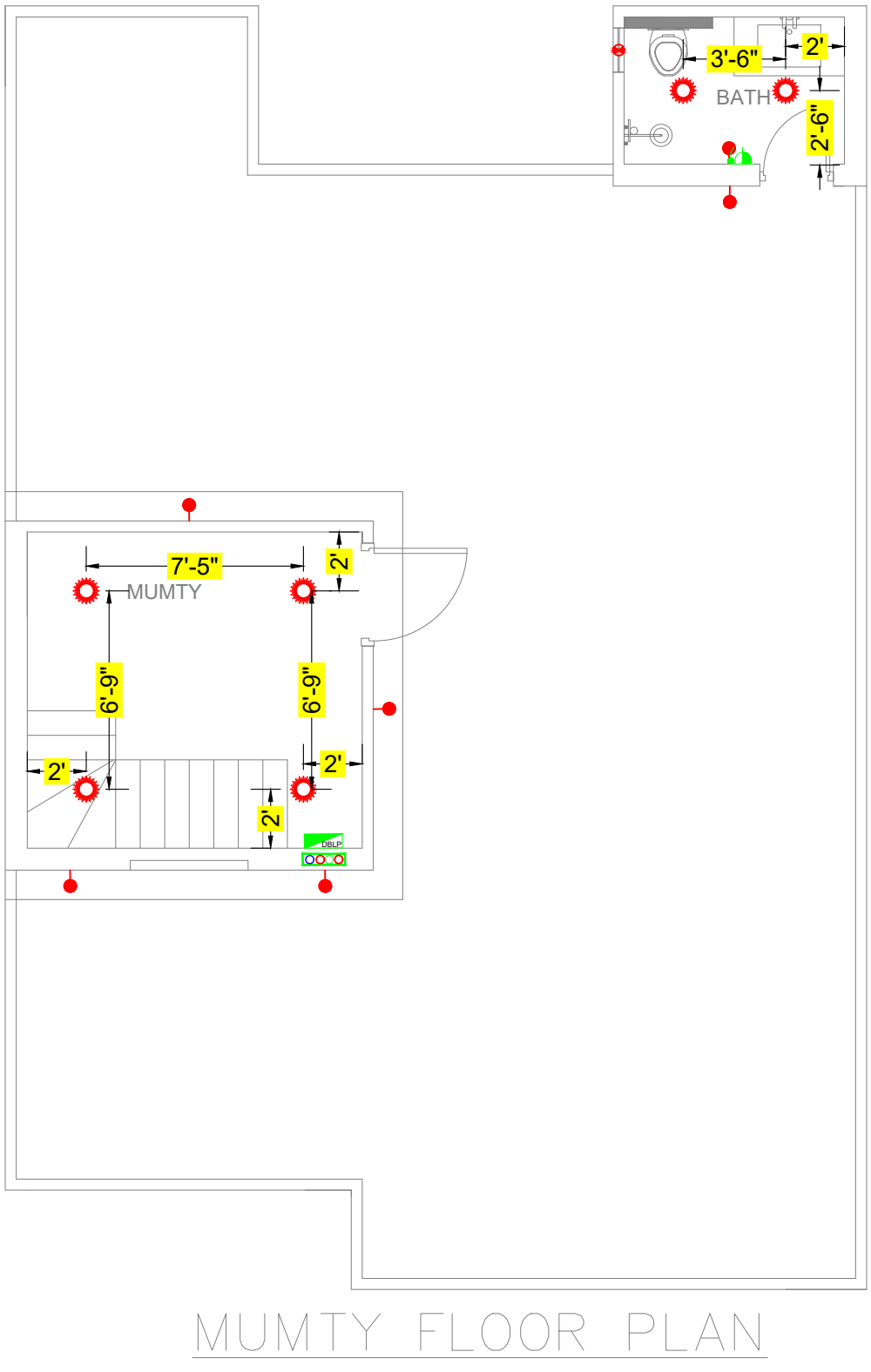
REVISIONS: 00

NOTS:
1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED.
2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.

DRAWING NO: 04

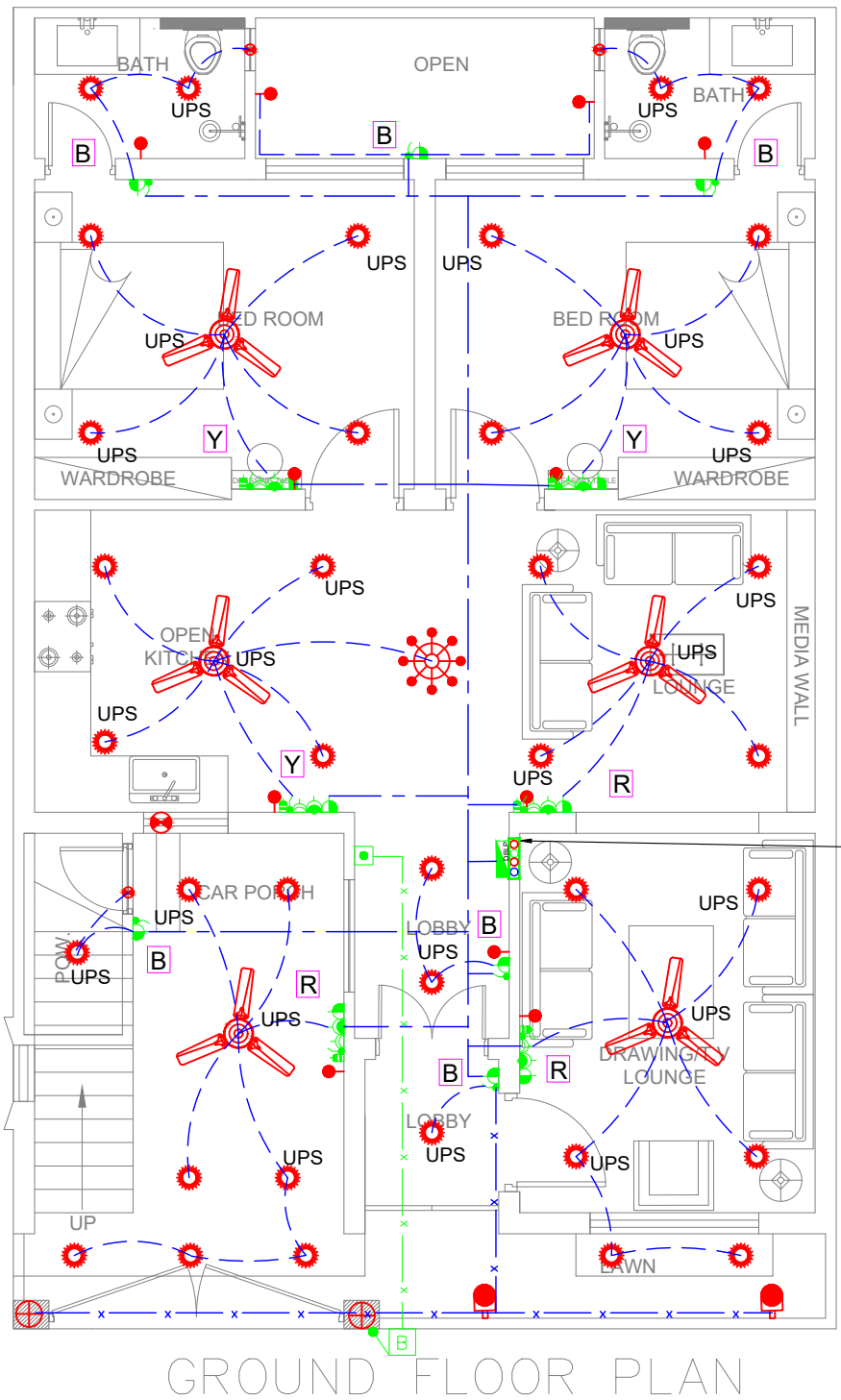
SCALE: NTS

DATE: 30-11-2024



MUMTY FLOOR PLAN

R	Y	B
CABLE SIZE FOR LIGHT/FAN	1.5mm sq. (P+N+CPC)	
CABLE SIZE FOR POWER SOCKETS	2.5mm sq. (P+N+CPC)	



3" DIA UPVC SOLAR PIPE
D/B+U.P.S
2" DIA PVC PIPE TO MAIN DBLP GROUND FLOOR TO TOP FLOOR

GROUND FLOOR PLAN

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PROJECT NAME: VEHARI.

OWNED BY: MR. ASIF

NOTS:
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2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.

DRAWING TITLE: ILLUMINATION LAYOUT MUMTY FLOOR
WIRING & UPS POINT LAYOUT GROUND FLOOR

DRAWING NO: 05

DESIGNED BY: WAZIR & SONS

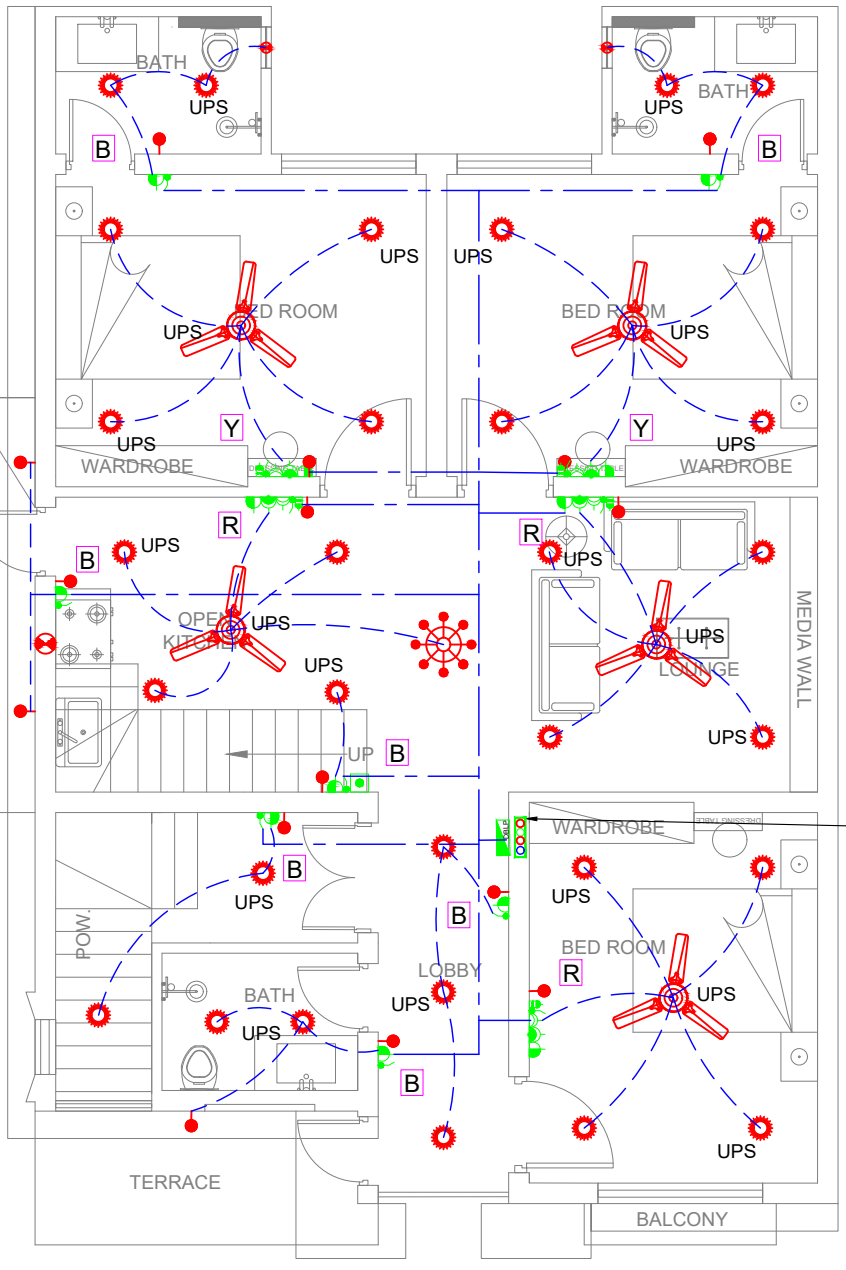
DRAW BY: WAZIR & SONS

SCALE: NTS

REVISIONS: 00

DATE: 30-11-2024

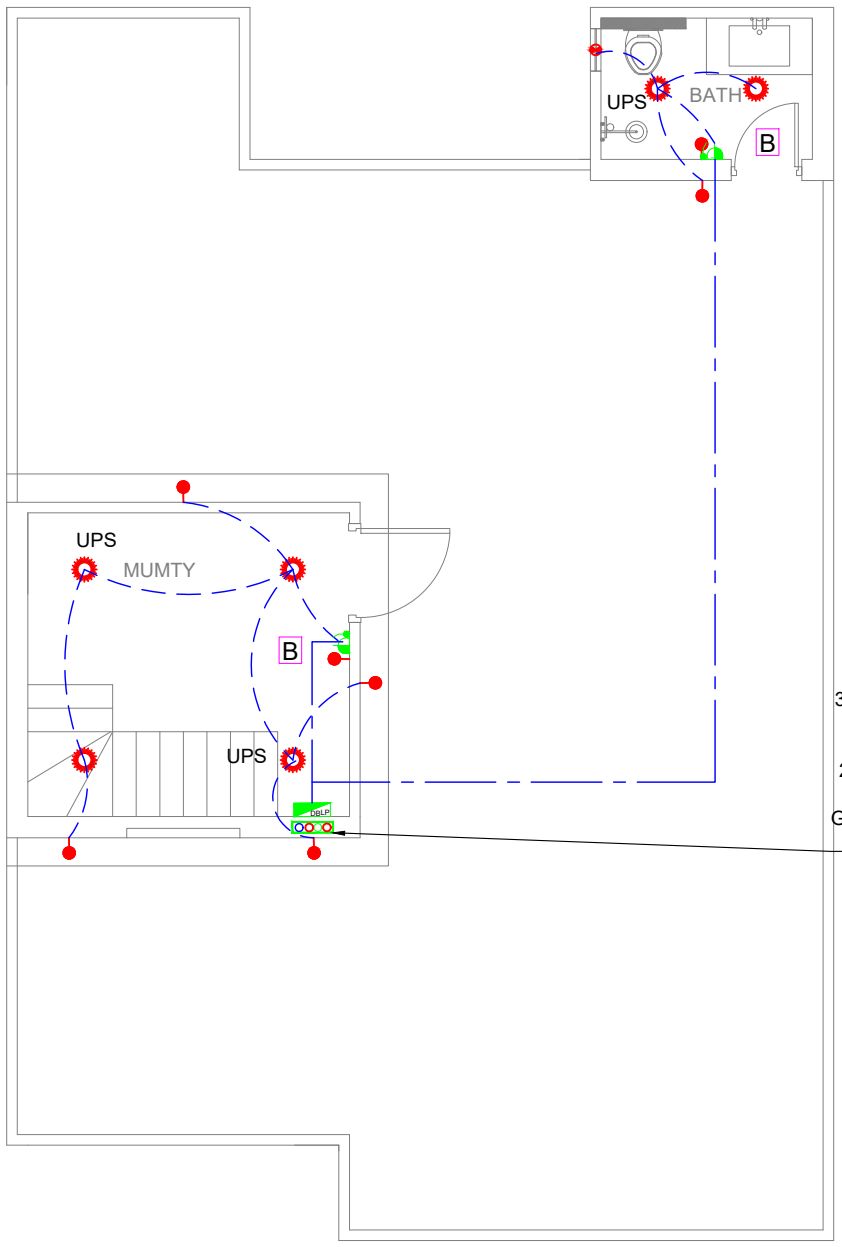
R	Y	B
CABLE SIZE FOR LIGHT/FAN	1.5mm sq. (P+N+CPC)	
CABLE SIZE FOR POWER SOCKETS	2.5mm sq. (P+N+CPC)	



3" DIA UPVC SOLAR PIPE D/B+U.P.S 2" DIA PVC PIPE TO MAIN DBLP GROUND FLOOR TO TOP FLOOR

FIRST FLOOR PLAN

R	Y	B
CABLE SIZE FOR LIGHT/FAN	1.5mm sq. (P+N+CPC)	
CABLE SIZE FOR POWER SOCKETS	2.5mm sq. (P+N+CPC)	



3" DIA UPVC SOLAR PIPE D/B+U.P.S 2" DIA PVC PIPE TO MAIN DBLP GROUND FLOOR TO TOP FLOOR

MUMTY FLOOR PLAN

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PROJECT NAME: VEHARI.

OWNED BY: MR. ASIF

DRAWING TITLE: WIRING & UPS POINT LAYOUT 1ST & MUMTY FLOOR

DRAWING NO: 06

NOTS:
1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED.
2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.

DESIGNED BY: WAZIR & SONS

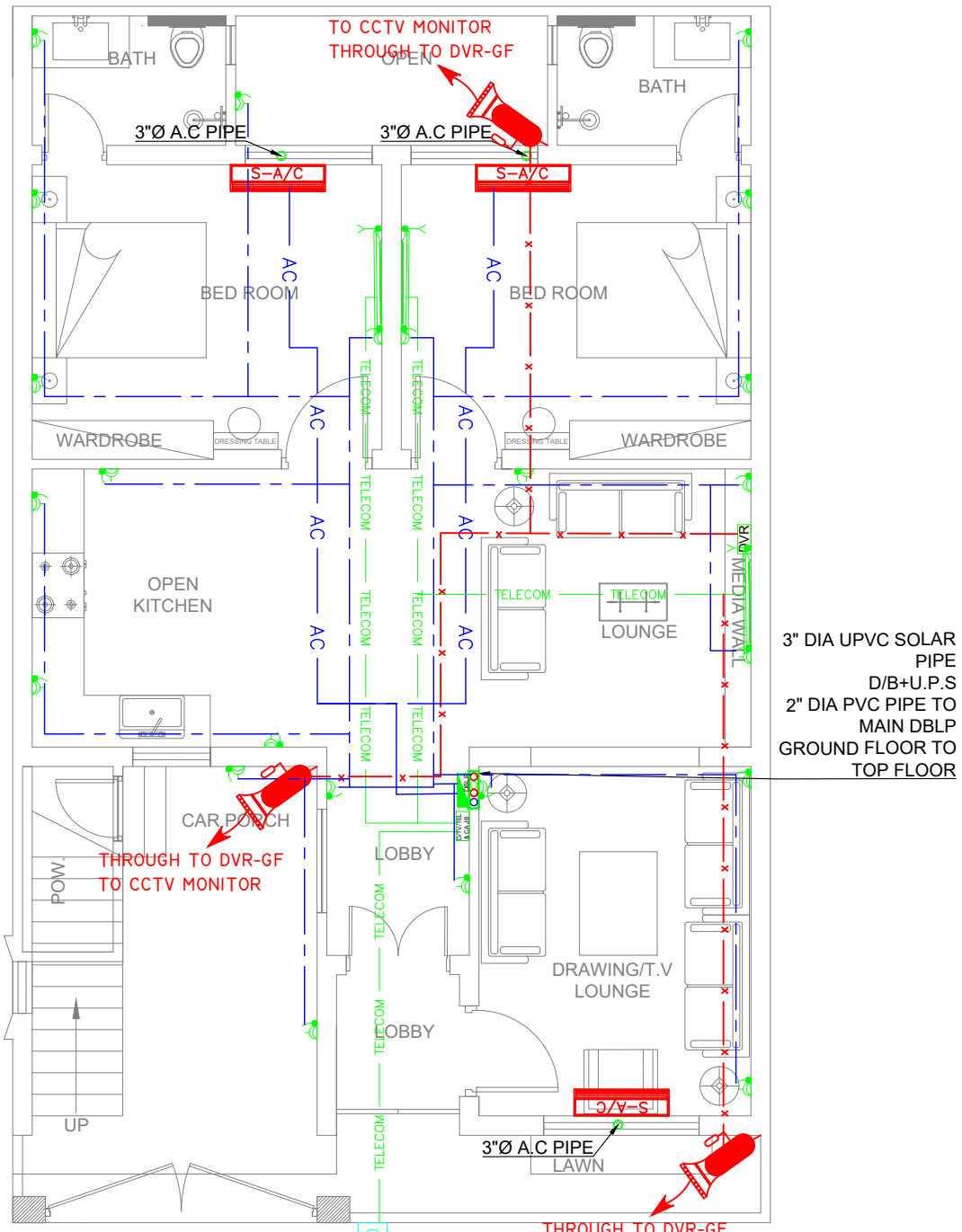
DRAW BY: WAZIR & SONS

SCALE: NTS

REVISIONS: 00

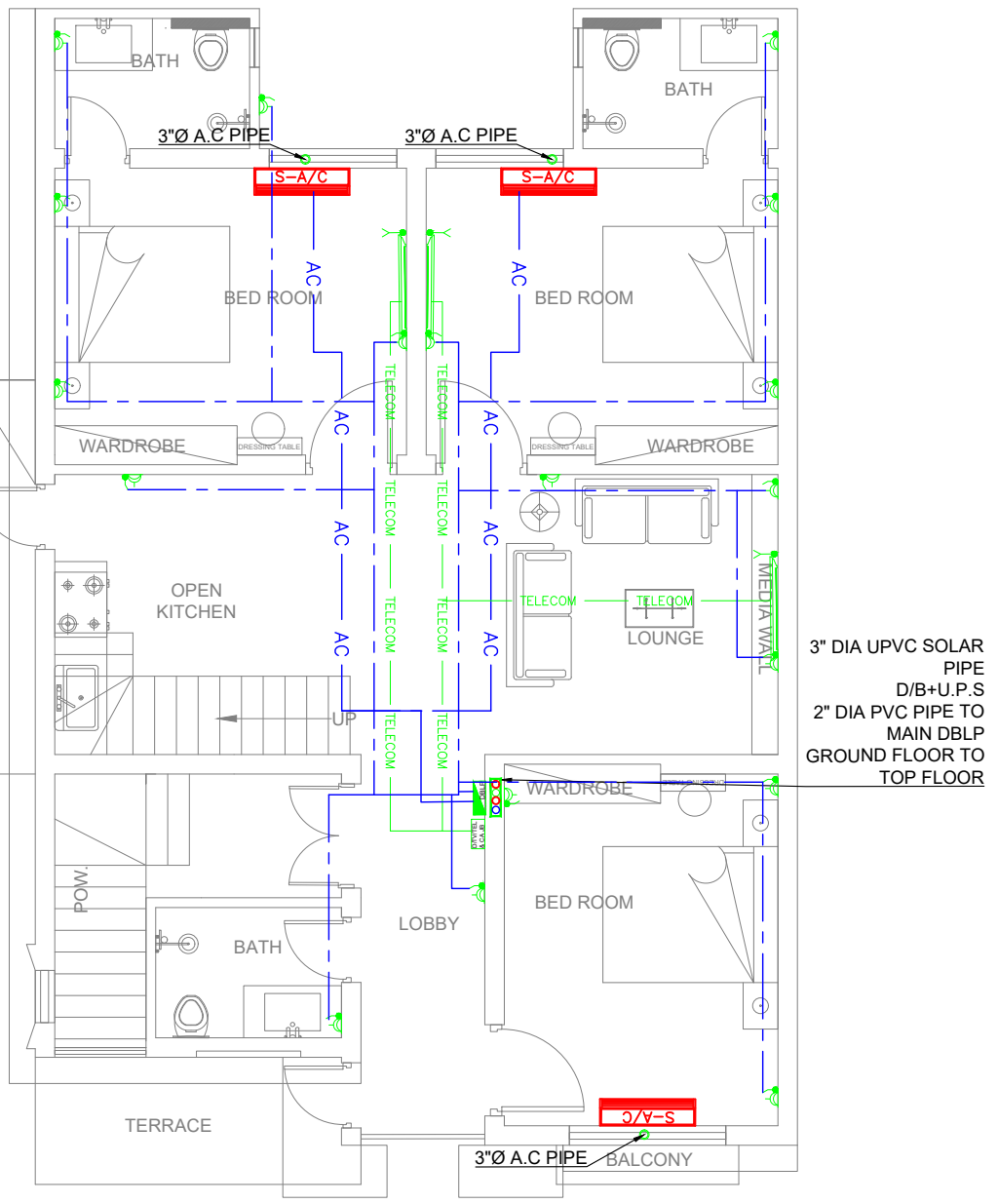
DATE: 30-11-2024

1.	CABLE SIZE FOR CCTV CAMERA	4PAIR CAT-6 UTP CABLE IN 25mm PVC
2.	CABLE SIZE FOR CCTV CAMERA	4PAIR CAT-6 UTP CABLE IN 25mm PVC
3.	CABLE SIZE FOR TELEPHONE	1PAIR TELEPHONE CABLE IN 25mm PVCC FOR EACH POINT
4.	CABLE SIZE FOR SPLIT TYPE A/C	3x6mm sq. (P+N+CPC)



GROUND FLOOR PLAN

1.	CABLE SIZE FOR CCTV CAMERA	4PAIR CAT-6 UTP CABLE IN 25mm PVC
2.	CABLE SIZE FOR CCTV CAMERA	4PAIR CAT-6 UTP CABLE IN 25mm PVC
3.	CABLE SIZE FOR TELEPHONE	1PAIR TELEPHONE CABLE IN 25mm PVCC FOR EACH POINT
4.	CABLE SIZE FOR SPLIT TYPE A/C	3x6mm sq. (P+N+CPC)



FIRST FLOOR PLAN

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PROJECT NAME: VEHARI.

OWNED BY: MR. ASIF

DRAWING TITLE: AC/HEAVY POWER CAMERA, TELECOM,TV &INTERNET LAYOUT GROUND & 1ST FLOOR

DESIGNED BY: WAZIR & SONS

DRAW BY: WAZIR & SONS

REVISIONS: 00

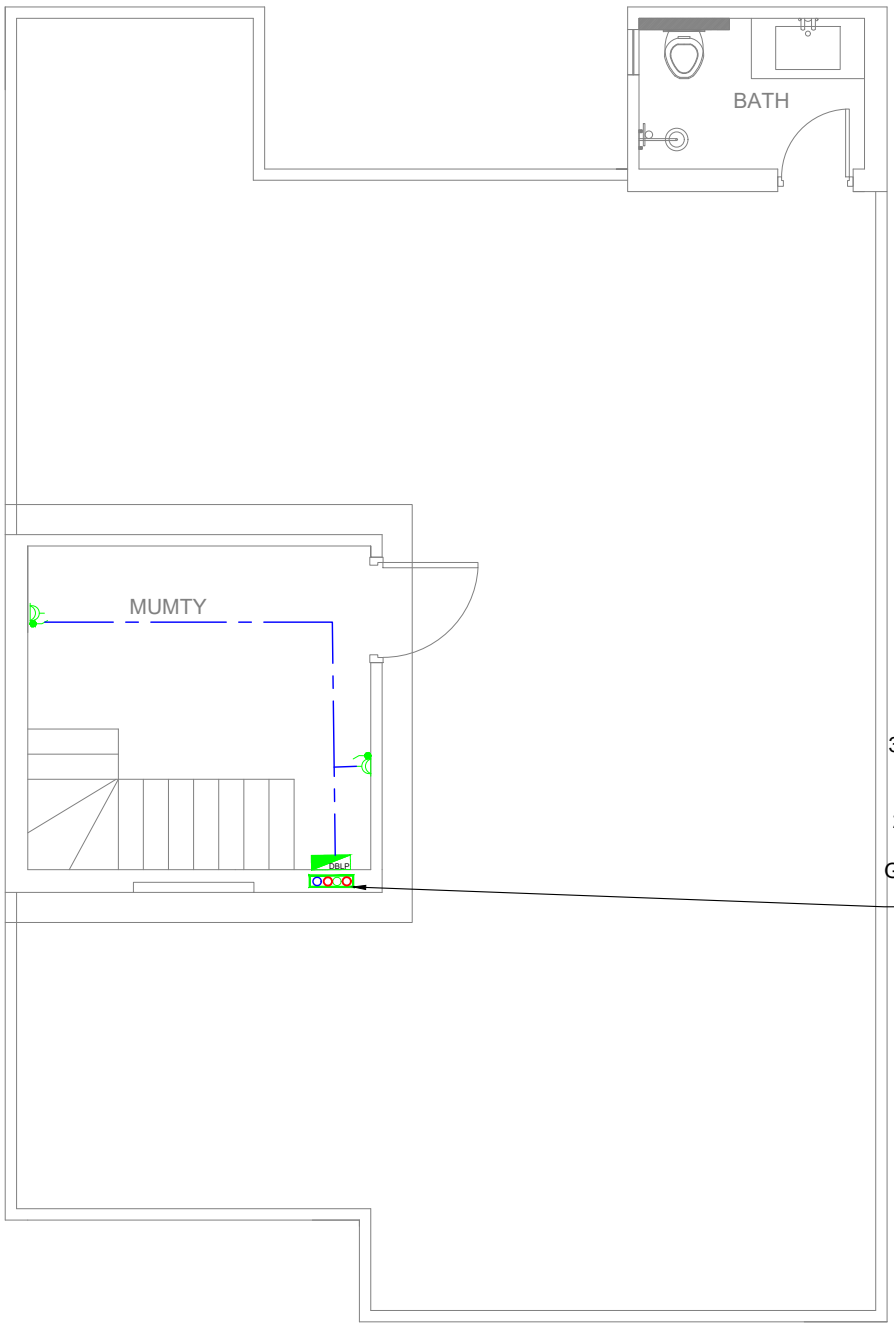
SCALE: NTS

DATE: 30-11-2024

NOTS:
1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED.
2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.

DRAWING NO: 08

1.	CABLE SIZE FOR CCTV CAMERA	4PAIR CAT-6 UTP CABLE IN 25mm PVC
2.	CABLE SIZE FOR CCTV CAMERA	4PAIR CAT-6 UTP CABLE IN 25mm PVC
3.	CABLE SIZE FOR TELEPHONE	1PAIR TELEPHONE CABLE IN 25mm PVCC FOR EACH POINT
4.	CABLE SIZE FOR SPLIT TYPE A/C	3x6mm sq. (P+N+CPC)



MUMTY FLOOR PLAN

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PROJECT NAME: VEHARI.

OWNED BY: MR. ASIF

NOTS:
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DRAWING TITLE: AC/HEAVY POWER / CAMERA, TELECOM,TV &INTERNET LAYOUT MUMTY FLOOR

DRAWING NO: 09

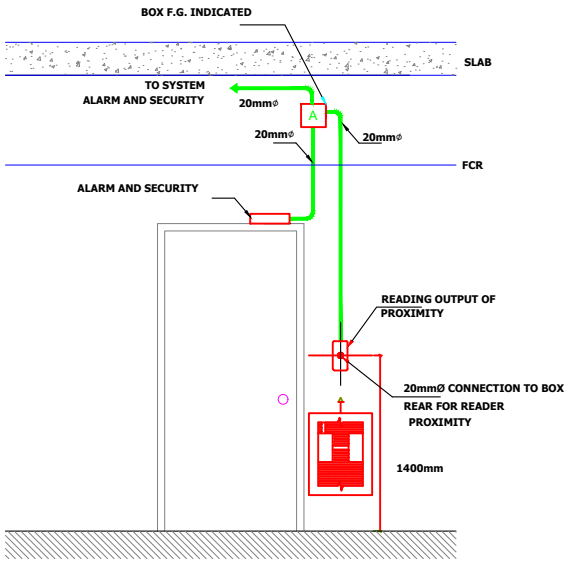
DESIGNED BY: WAZIR & SONS

DRAW BY: WAZIR & SONS

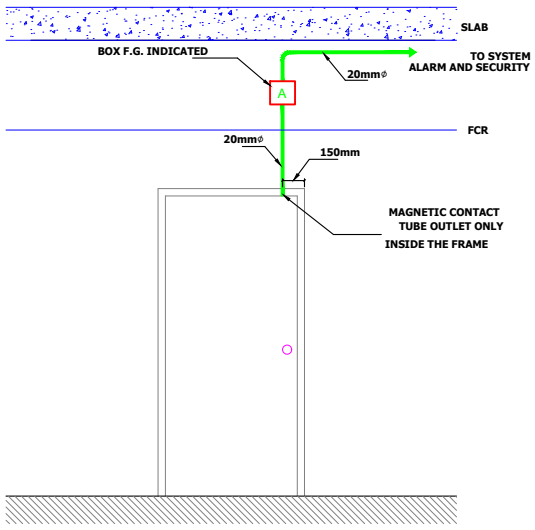
SCALE: NTS

REVISIONS: 00

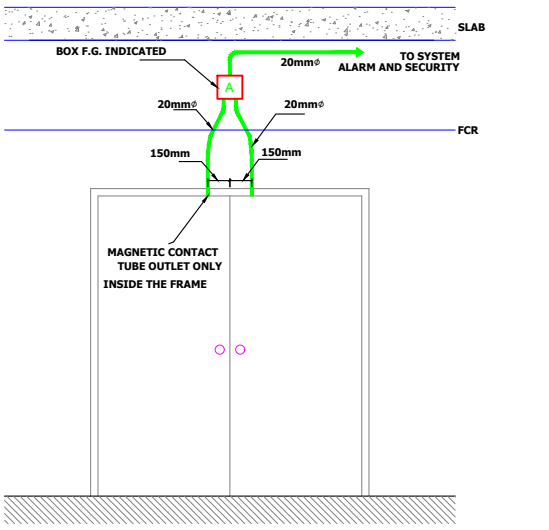
DATE: 30-11-2024



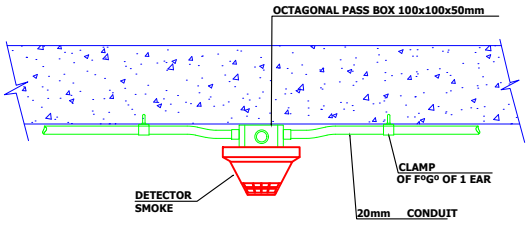
ACCESS INSTALLATION DETAIL
DOOR WITH 1 LEAF



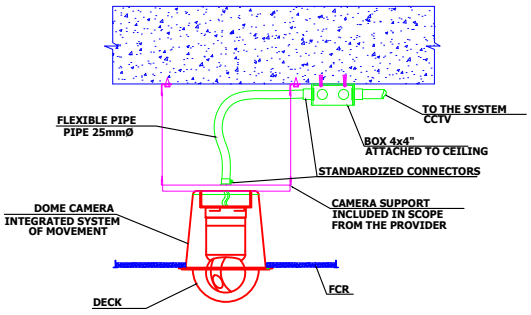
INSTALLATION DETAIL ACCESS
DOOR WITH 1 LEAF



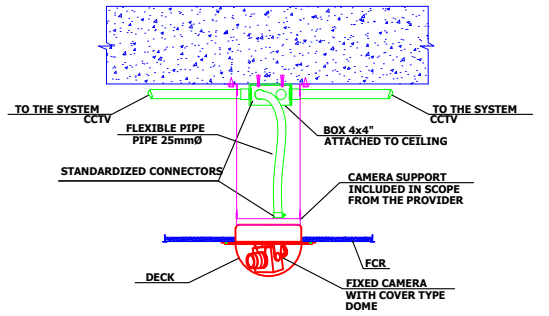
INSTALLATION DETAIL ACCESS
DOOR WITH 2 LEAF



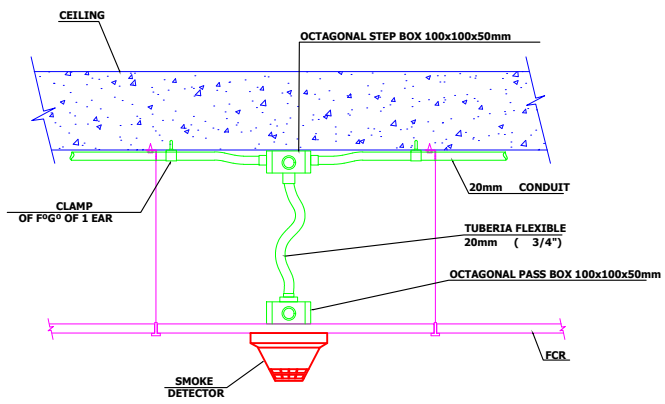
INSTALLATION DETAIL OF
CEILING-MOUNTED SMOKE DETECTOR



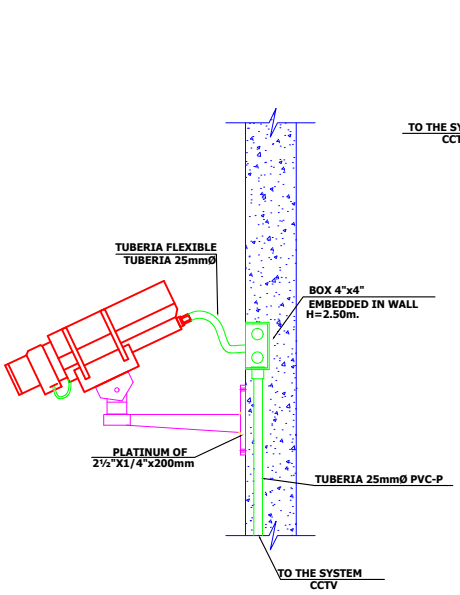
DOME CAMERA INSTALLATION
MOUNTED IN FALSE CEILING

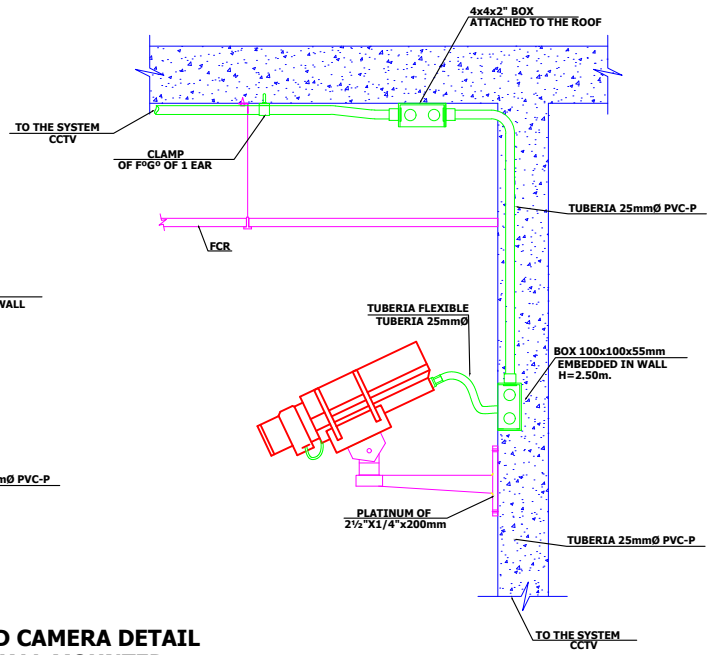


FIXED CAMERA INSTALLATION WITH DOME COVER
MOUNTED IN FALSE CEILING

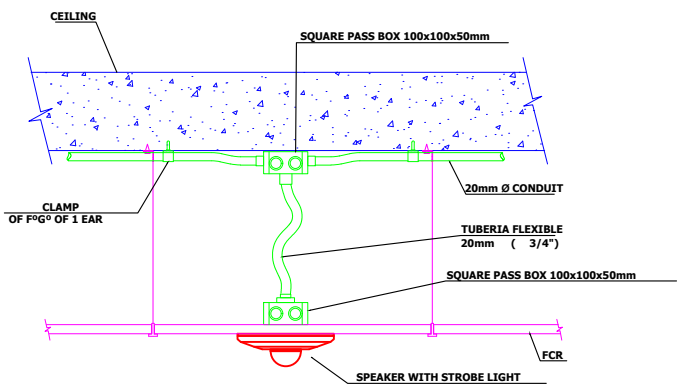


INSTALLATION DETAIL OF
SMOKE DETECTOR IN FALSE CEILING
TEMPERATURE DETECTOR IN FALSE CEILING

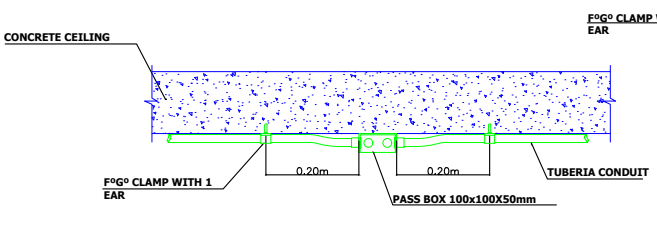




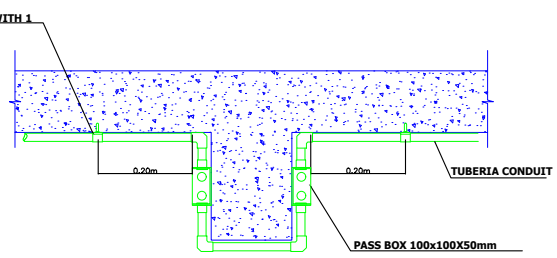
FIXED CAMERA DETAIL
WALL MOUNTED



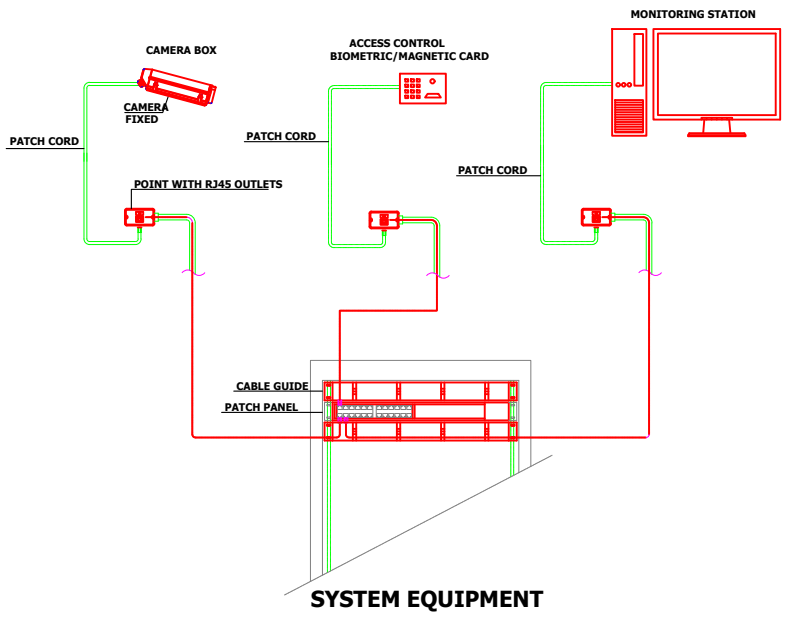
INSTALLATION DETAIL OF
SPEAKER WITH STROBE LIGHT IN FALSE HEAVEN



CONNECTION OF SEMI-DETACHED PIPES



CONNECTION OF ATTACHED PIPES BY BEAM



SYSTEM EQUIPMENT

WAZIR AND SONS

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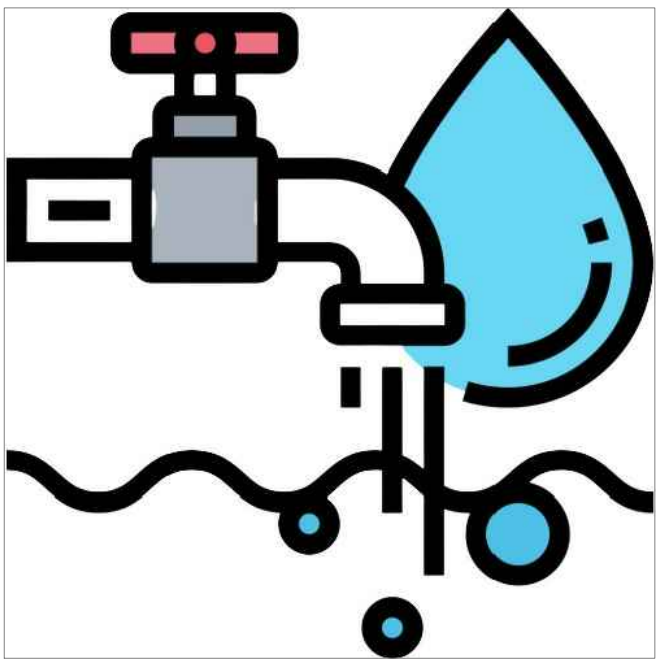
Sector-C Commercial Bahria Town Lahore.

PROJECT NAME: VEHARI.	**OWNED BY:** MR. ASIF	**DRAWING TITLE:** TYPICAL CAMERA INSTALLATION DETAIL	**DESIGNED BY:** WAZIR & SONS	**REVISIONS:** 00
			DRAW BY: WAZIR & SONS	
NOTS: 1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED. 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.		**DRAWING NO:** 10	**SCALE:** NTS	**DATE:** 30-11-2024

PUBLIC HEALTH DRAWINGS TITLE

PROPOSED RESIDENTIAL PLAN AT VEHARI.



WATER SUPPLY & SEWERAGE DRAWINGS

MEP CONSULTANT:

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Sector-C Commercial Bahria Town Lahore.

PROJECT NAME: VEHARI.	**OWNED BY:** MR. ASIF	**DRAWING TITLE:** TITLE PAGE	**DESIGNED BY:** WAZIR & SONS	**NORTH:**
			DRAW BY: WAZIR & SONS	
NOTS: 1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED. 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.		**DRAWING NO:** 00	**SCALE:** NTS	**DATE:** 30-11-2024

LIST OF DRAWINGS

S.NO	DESCRIPTION	DRG.NO:
001	LEGENDS	LG-1
002	GENERAL NOTES	GN-1
	WATER SUPPLY SYSTEM	
003	WATER SUPPLY SYSTEM (GROUND FLOOR)	W.S - 1
004	WATER SUPPLY SYSTEM (1ST FLOOR)	W.S - 2
005	WATER SUPPLY SYSTEM (MUMTY FLOOR)	W.S - 3
006		
007		
008		
009		
	SEWERAGE & DRAINAGE SYSTEM	
010	SEWERAGE SYSTEM (GROUND FLOOR)	W.S - 1
011	SEWERAGE SYSTEM (1ST FLOOR)	S.W - 2
012	SEWERAGE SYSTEM (MUMTY FLOOR)	S.W - 3
013		
014		
015		
016		
	MISCELLANEOUS DETAILS	
017	TYPICAL OVER HEAD WATER TANK PLAN, PIPES & SECTIONAL DETAILS TYPICAL UNDER GROUND WATER TANK PLAN, PIPES & SECTIONAL DETAILS TYPICAL SEPTIC TANK PLAN, PIPES & SECTIONAL DETAILS	T-1, T-2
018	TYPICAL GULLY TRAP & MANHOLE PLAN, PIPES & SECTIONAL DETAILS & MISCELLANEOUS DETAILS	A, B, C

WAZIR AND SONS

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PROJECT NAME: VEHARI.

OWNED BY: MR. ASIF

DRAWING TITLE: DRAWING LIST

DESIGNED BY: WAZIR & SONS

DRAW BY: WAZIR & SONS

NORTH:

NOTS:
1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED.
2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.

DRAWING NO: 01

SCALE: NTS

DATE: 30-11-2024

- NO WORK SHALL BE CARRIED OUT UNLESS SHOP DRAWINGS ARE SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE CONSULTANT.
- CONTRACTOR SHALL NOT PROVIDE ANY EQUIPMENT OR MATERIAL UNLESS TECHNICAL SUBMITTALS ARE SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE CONSULTANT.
- THE CONTRACTOR SHALL THOROUGHLY REVIEW ALL THE DRAWINGS BEFORE START OF WORK AND SHALL COORDINATE WITH ALL OTHER DISCIPLINE AND ANY DISCREPANCY APPEARS IT SHOULD BE BROUGHT TO THE CONSULTANT'S KNOWLEDGE IMMEDIATELY.
- CONTRACTOR SHALL COORDINATE ALL WORKS WITH ELECTRICAL, STRUCTURAL & ARCHITECTURAL LAYOUTS.
- MECHANICAL SERVICES SHALL NOT CUT IN ANY STRUCTURAL BEAMS, RIBS OR ANY OTHER STRUCTURAL ELEMENTS UNLESS A PRIOR WRITTEN APPROVAL HAS BEEN TAKEN FROM THE ENGINEER.
- ALL EQUIPMENTS SHALL BE INSTALLED STRICTLY AS PER MANUFACTURER'S RECOMMENDATION.
- MECHANICAL CONTRACTOR SHALL PROVIDE SLEEVE ON ALL PIPES PENETRATING WALLS SLABS OR BEAMS.
- ALL WORK SHALL CONFORM TO THE LATEST INTERNATIONAL BUILDING CODE, AND THE REQUIREMENTS OF LOCAL AUTHORITIES.
- MANHOLE COVERS AND FRAMES ARE TO BE HEAVY DUTY IN TRAF30-11-2024C AREAS AND MEDIUM DUTY IN PEDESTRIAN AREAS.
- MANHOLES SHALL BE OF CONCERT CONSTRUCTION.
- ALL SEWAGE PIPES SHALL HAVE A MINIMUM SLOPE OF INDIRECTION OF FLOW.
- ALL PIPES UNDER TRAF30-11-2024C WILL HAVE MINIMUM 1000 mm COVER OR WALL BE ENCASED IN CONCRETE.
- ALL SANITARY APPLIANCES SHALL BE PROVIDED WITH TRAPS.
- JOINTS TO W.C. PANS SHALL BE WITH UPVC CONNECTORS & RUBBER GASKETS .
- ISOLATING VALVES SHALL BE PROVIDED TO SEPARATE THE INDIVIDUAL TOILETS, DATE VALVES SHALL BE PROVIDED TO/FROM WATER HEATERS.
- EXACT LOCATION OF WATER PIPE WORK SHALL BE DETERMINED ON SITE.
- PROVIDE ISOLATING VALVE ON ALL MAIN MID RANCH LINES FOR MAINTENANCE.
- IN SEWERAGE SYSTEM THE PIPE DIAMETERS ARE INDICATED CONTRACTOR SHALL USE ADEQUATE PIPES SIZE, SPECIALLY WHEN USING PLASTIC PIPES TO ACCOUNT FOR PIPE WALL THICKNESS.
- CONTRACTOR TO PROVIDE OVERFLOW. TEST PIPE WARNING OF LEVEL AND DRAIN CONNECTION.
- ALL ELECTRICAL POWER AND CONTROL WIRING/CONDUITING FROM M.C.C. TD EQUIPMENTS SHALL BE CARRIED OUT BY ELECTRICAL CONTRACTOR.
- CONTRACTOR TO PROVIDE CLEAN OUTS AT EVERY 15 METER OF PIPE RUN EVEN IF IT IS NOT MENTIONED IN THE DRAWINGS.
- FOR COLD AND HOT SEWERAGE PPR PN-20 PIPES SHALL BE USED.
- ALL EXPOSED COLD AND HOT WATER PIPING SHALL BE GI (IL) MEDIUM CLASS.
- FOR SEWERAGE SYSTEM UPVC (SWV) NON-PRESSURE PIPES AND 30-11-2024TTINGS SHALL BE USED.
- FOR DRAINAGE SYSTEM PVC NON-PRESSURE PIPES AND 30-11-2024TTINGS CLASS-B, SHALL BE USED.

PLUMBING LEGENDS

SYMBOLS		DESCRIPTION
	SP	SOIL WATER PIPE
	WP	WASTE WATER PIPE
	MP	MAIN WATER PIPE
	FD	FLOOR DRAIN
CO	COP	CLEAN OUT PLUG ABOVE CEILING
M.H	MH	MAIN HOLE
	KH	KHURA
	CW	COLD WATER PIPE
HW HW HW	HW	HOT WATER PIPE
	EG	ELECTRIC GEYSER
	GG	GAS GEYSER
	BSP	BOOSTER PUMP
	SMP	SUBMERSIBLE PUMP
	D.P	AC DRAIN PIPE

30-11-2024TTING & VALVES	
	GATE VALUE
	FLOAT VALUE
	STRAINER
R	AIR RELIEF VALVE
	CHECK VALVE
	BOOSTER PUMP
	SUBMERSIBLE PUMP

SYMBOL'S DESCRIPTION	
MU	MAKE UP PIPE
F/A	FROM ABOVE
F/B	FROM BELOW
T/A	TO ABOVE
T/B	TO BELOW

SEWERAGE PIPE SLOPE

PIPE DIA (INCH)	SLOPE
3"	1:75
4"	1:100
6"	1:150
8"	1:175
9"	1:200

WATER SUPPLY PIPE DIA

OUTER DIA (mm)	INTERNAL DIA (mm)	INTERNAL DIA INCH
20	13.2	0.52
25	16.4	0.65
32	21.2	0.83
40	26.6	1.05
50	33.2	1.31
63	42	1.65
75	50	1.97
90	60	2.36
110	73.2	2.88

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PROJECT NAME: VEHARI.

OWNED BY: MR. ASIF

DRAWING TITLE: LEGENDS

DESIGNED BY: WAZIR & SONS

DRAW BY: WAZIR & SONS

NORTH:

NOTS:
1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED.
2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.

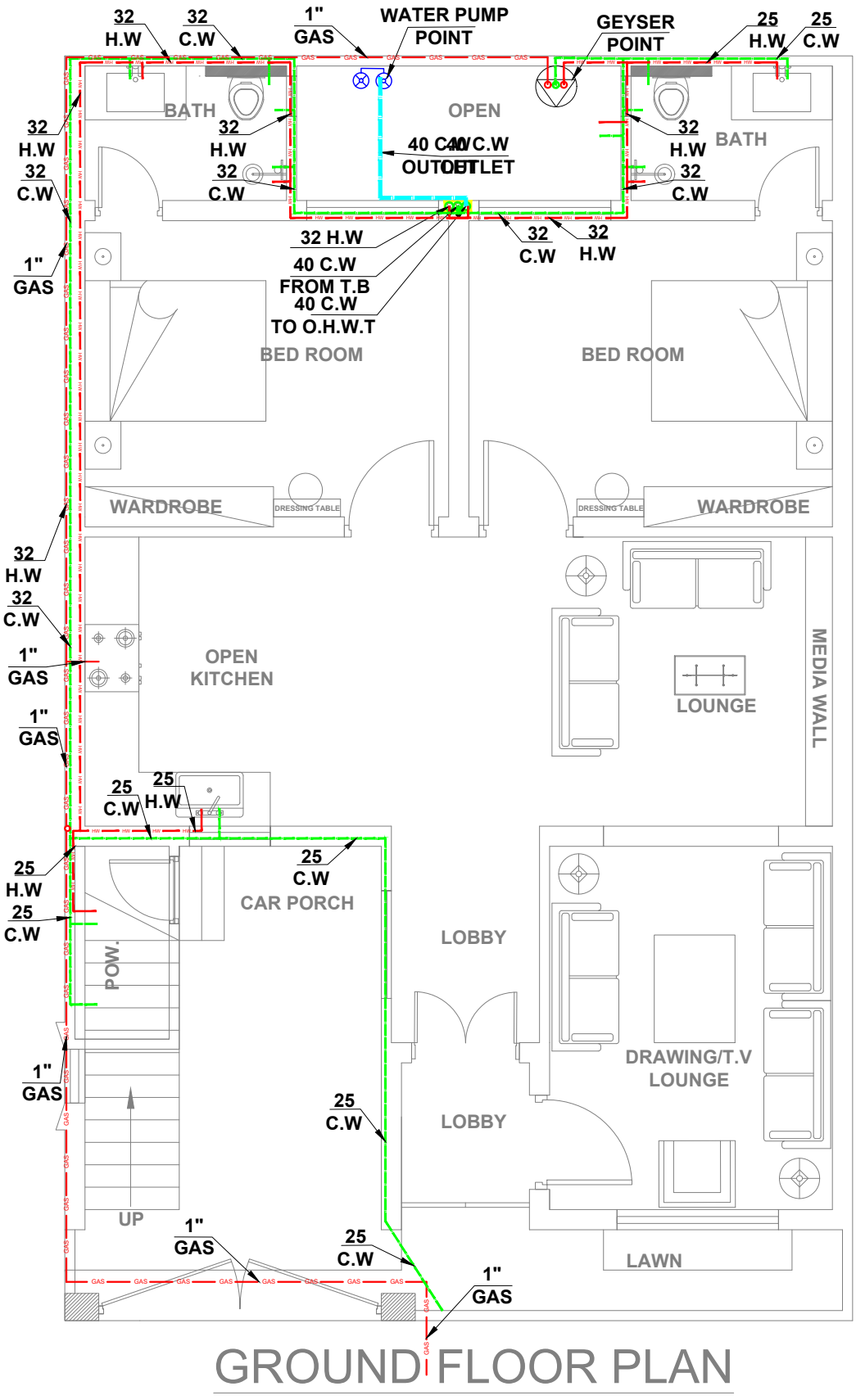
DRAWING NO: 02

SCALE: NTS

DATE: 30-11-2024

WATER SUPPLY PIPE DIA

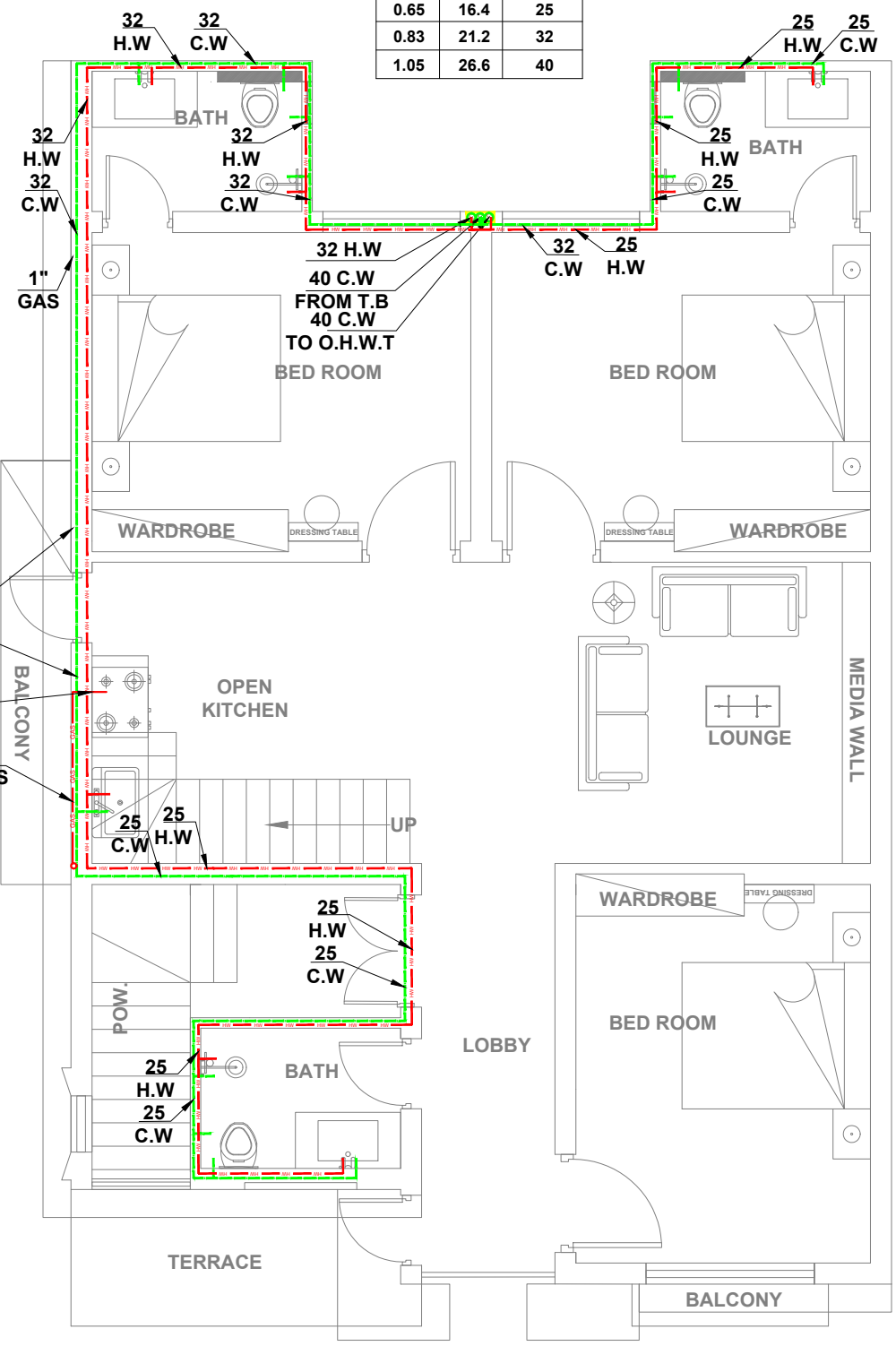
INTERNAL DIA		OUTER DIA (mm)
INCH	(mm)	
0.52	13.2	20
0.65	16.4	25
0.83	21.2	32
1.05	26.6	40



GROUND FLOOR PLAN

WATER SUPPLY PIPE DIA

INTERNAL DIA		OUTER DIA (mm)
INCH	(mm)	
0.52	13.2	20
0.65	16.4	25
0.83	21.2	32
1.05	26.6	40



FIRST FLOOR PLAN

MEP CONSULTANT:

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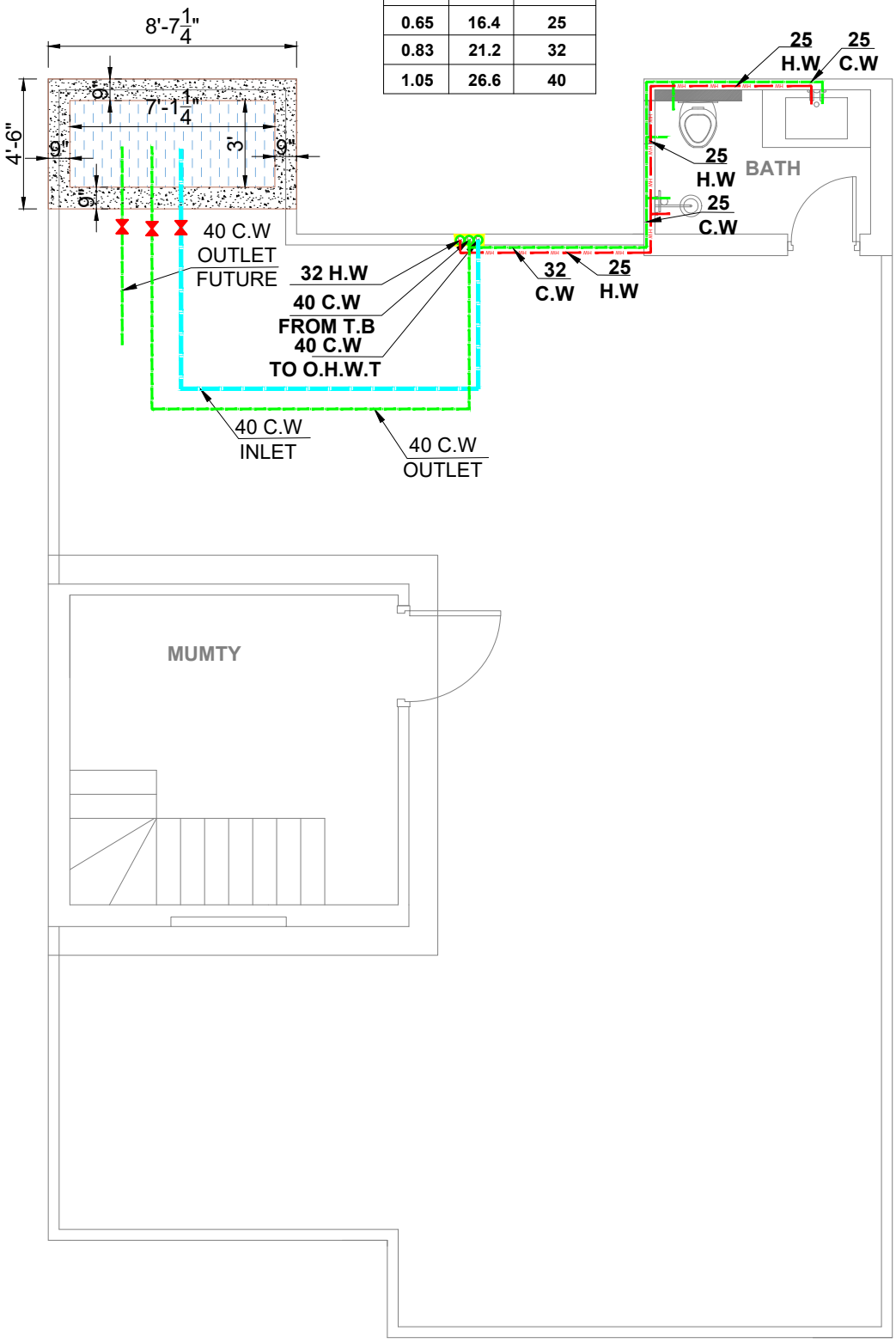
PROJECT NAME: VEHARI.	**OWNED BY:** MR. ASIF	**DRAWING TITLE:** GROUND & 1ST FLOOR WATER SUPPLY PLAN	**DESIGNED BY:** WAZIR & SONS	**NORTH:**
			DRAW BY: WAZIR & SONS	
NOTS: 1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED. 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.		**DRAWING NO:** 03	**SCALE:** NTS	**DATE:** 30-11-2024

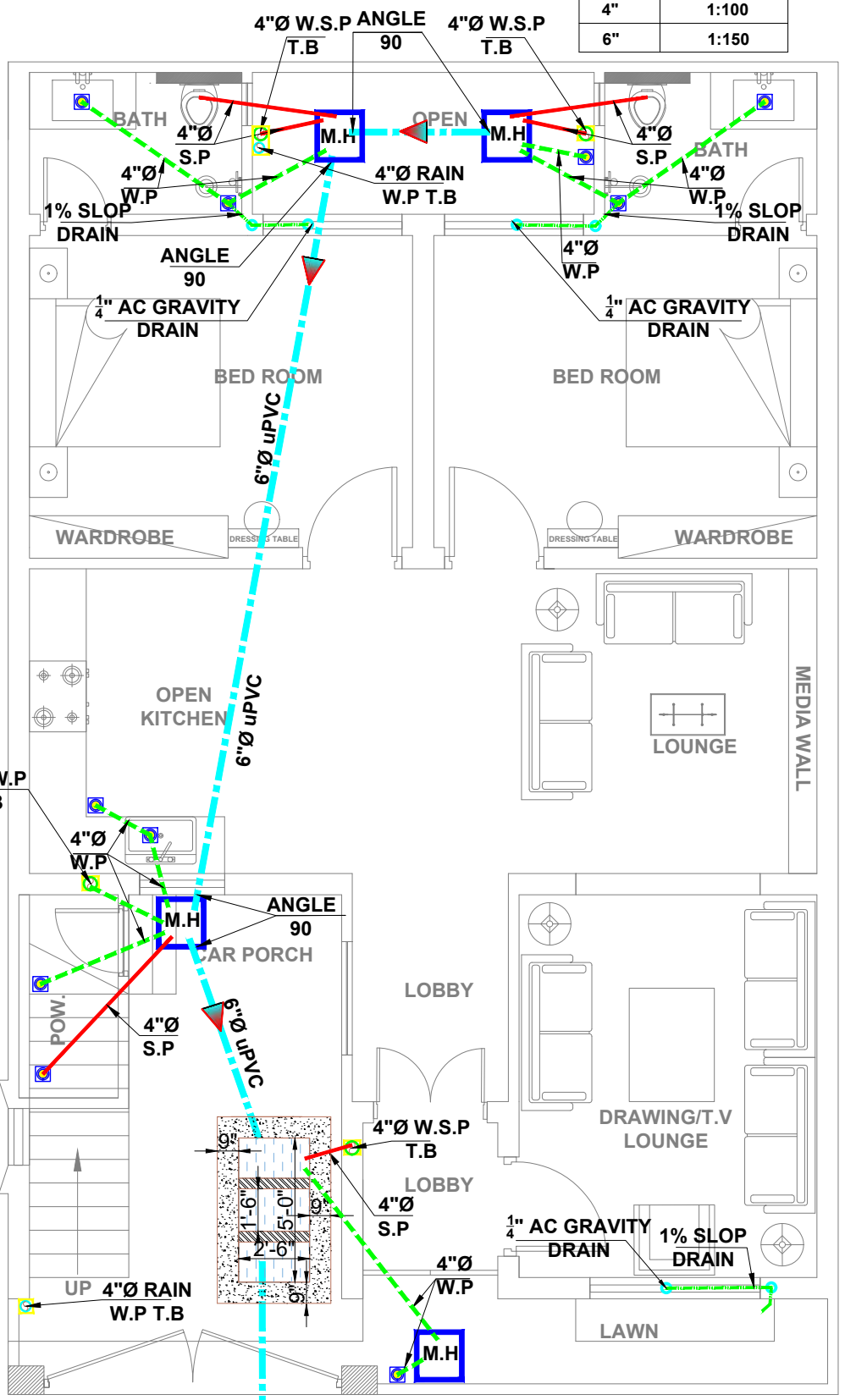
WATER SUPPLY PIPE DIA

INTERNAL DIA		OUTER DIA (mm)
INCH	(mm)	
0.52	13.2	20
0.65	16.4	25
0.83	21.2	32
1.05	26.6	40



MUMTY FLOOR PLAN

PIPE DIA (INCH)	SLOPE
3"	1:75
4"	1:100
6"	1:150



GROUND FLOOR PLAN

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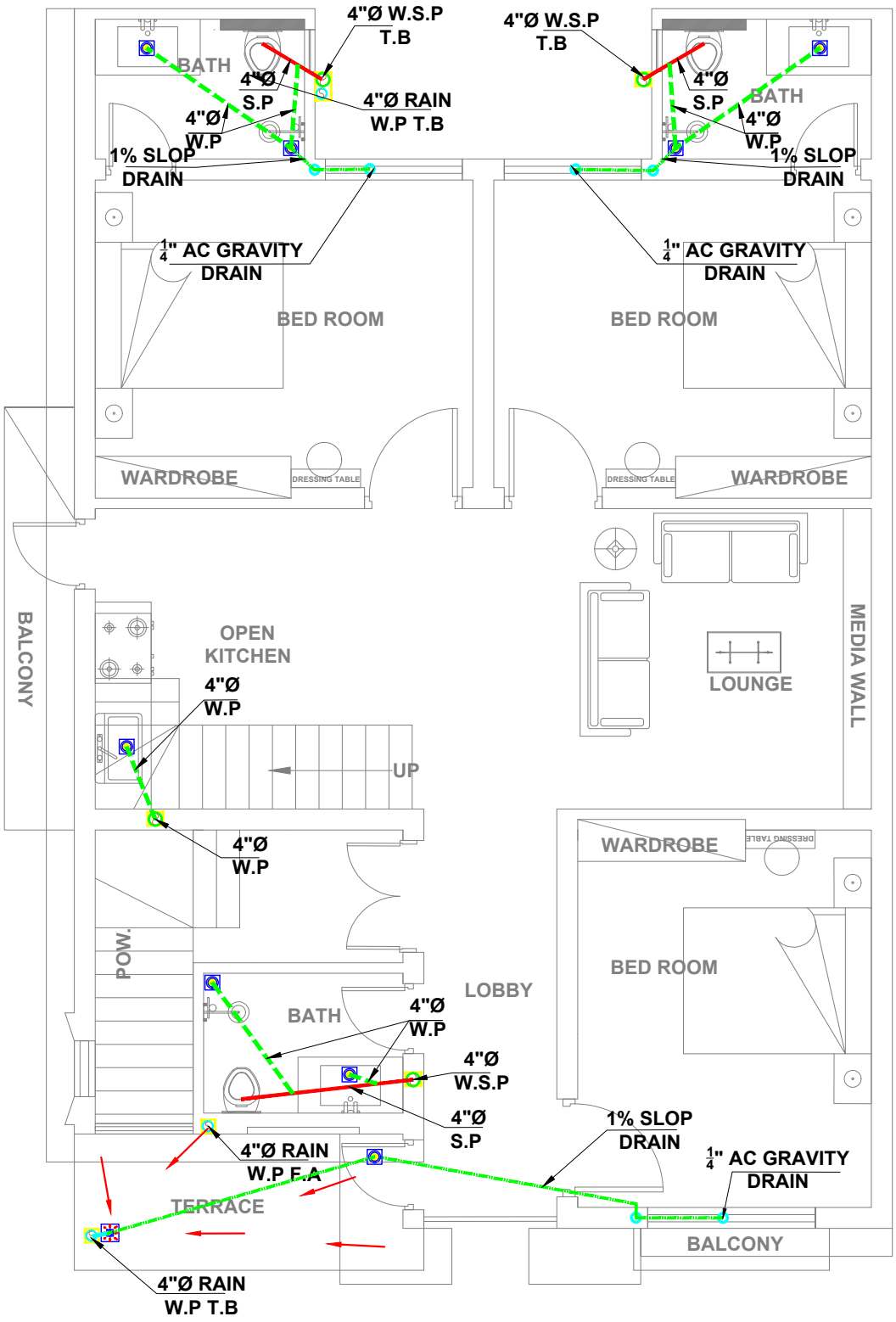
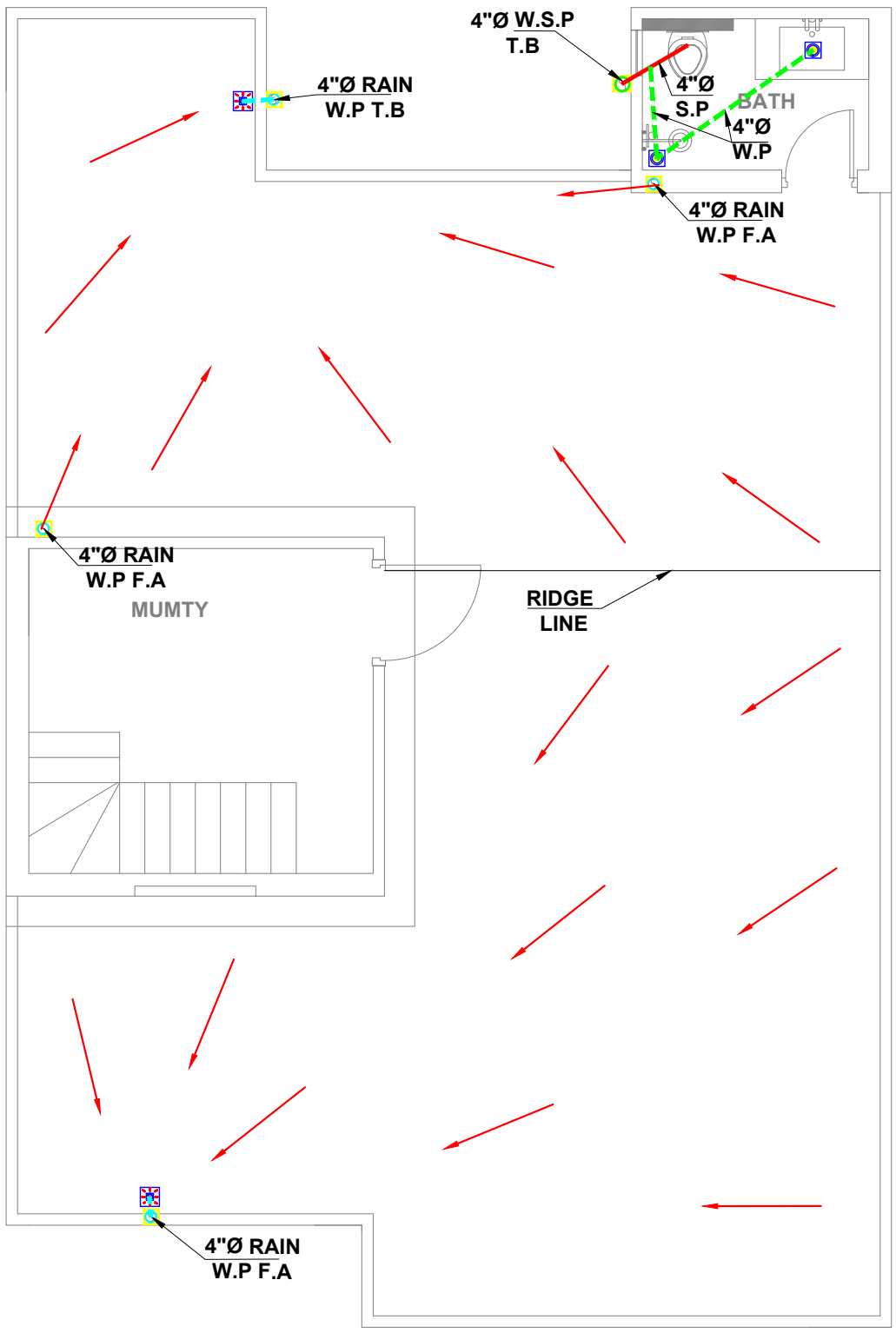
PROJECT NAME: VEHARI.	**OWNED BY:** MR. ASIF	**DRAWING TITLE:** MUMTY FLOOR WATER SUPPLY PLAN; GROUND FLOOR SEWERAGE DRAIN PLAN	**DESIGNED BY:** WAZIR & SONS	**NORTH:**
NOTS: 1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED. 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.		**DRAWING NO:** 04	**DRAW BY:** WAZIR & SONS	
			SCALE: NTS	**DATE:** 30-11-2024

PIPE DIA (INCH)	SLOPE
3"	1:75
4"	1:100
6"	1:150



FIRST FLOOR PLAN

PIPE DIA (INCH)	SLOPE
3"	1:75
4"	1:100
6"	1:150



MUMTY FLOOR PLAN

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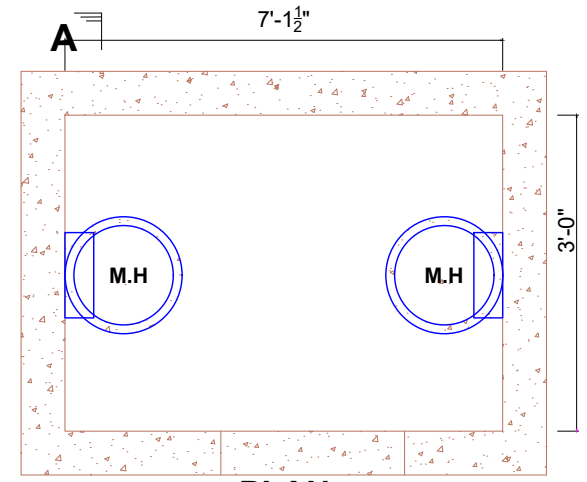
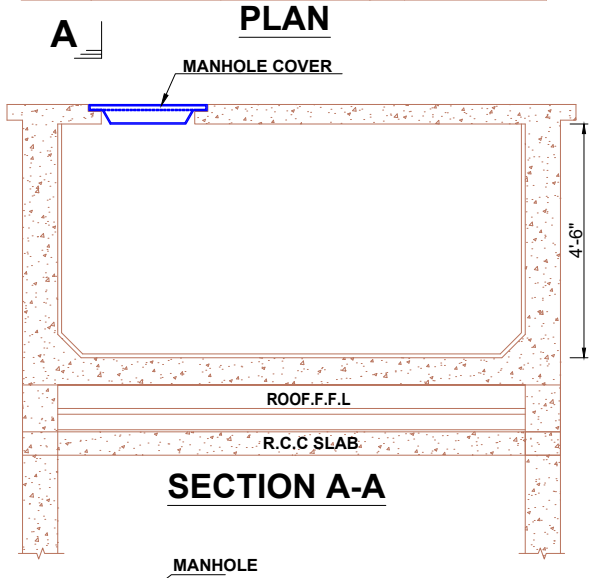
wazirandsonspk@gmail.com
Sector-C Commercial Bahria Town Lahore.

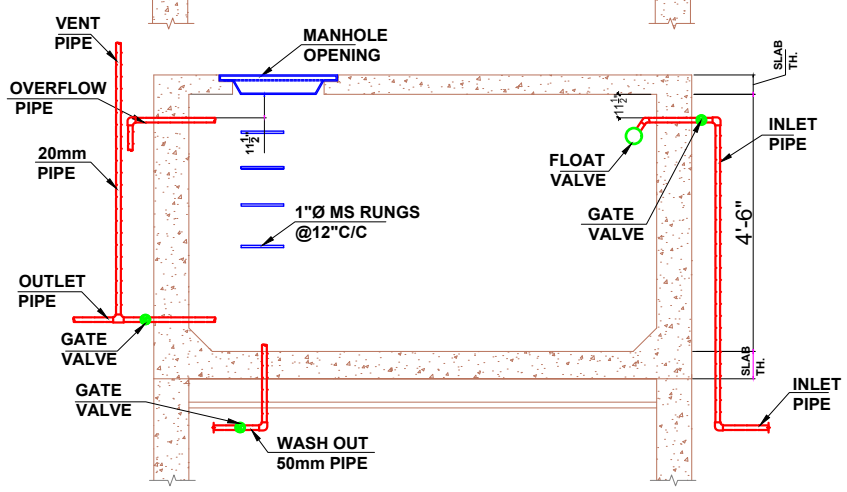
PROJECT NAME: VEHARI.	**OWNED BY:** MR. ASIF	**DRAWING TITLE:** 1ST & MUMTY FLOOR SEWERAGE DRAIN PLAN	**DESIGNED BY:** WAZIR & SONS	**NORTH:**
			DRAW BY: WAZIR & SONS	
NOTS: 1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED. 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.		**DRAWING NO:** 05	**SCALE:** NTS	**DATE:** 30-11-2024



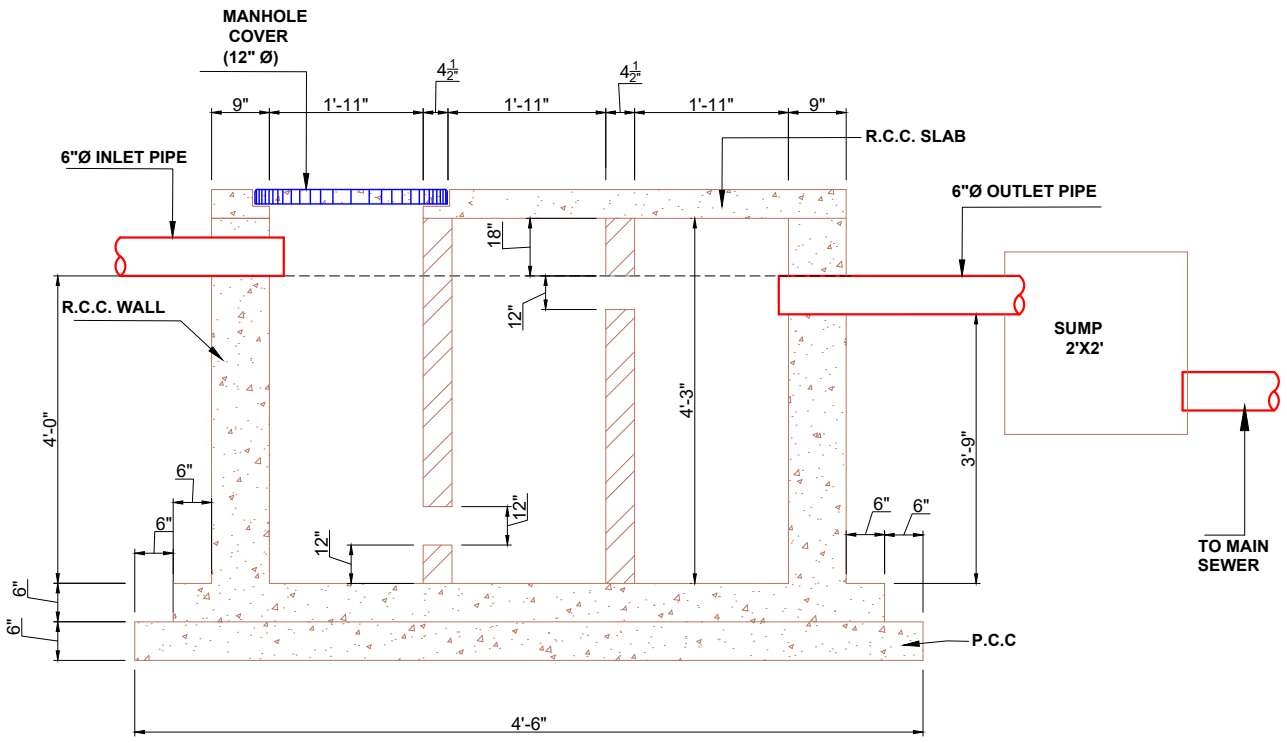
PLAN



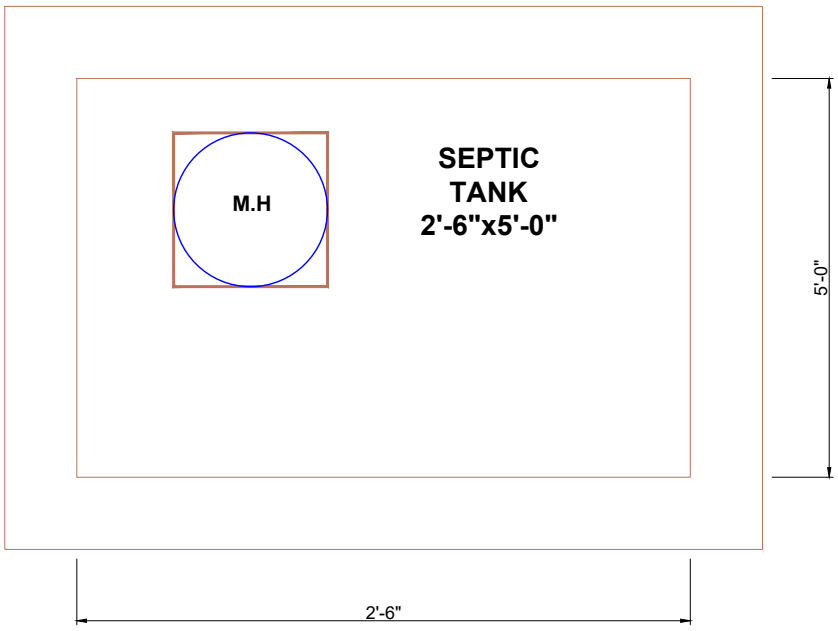
SECTION A-A



TYP.OVER HEAD WATER TANK PIPE DETAIL



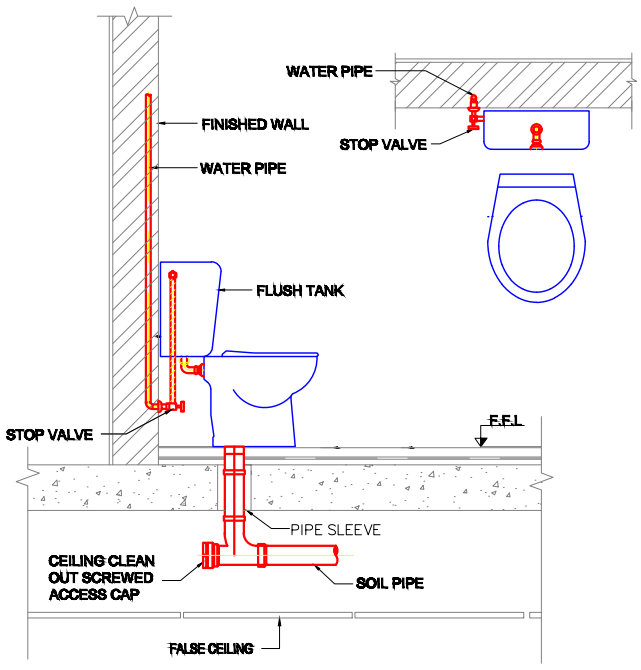
SEPTIC TANK PIPE DETAIL



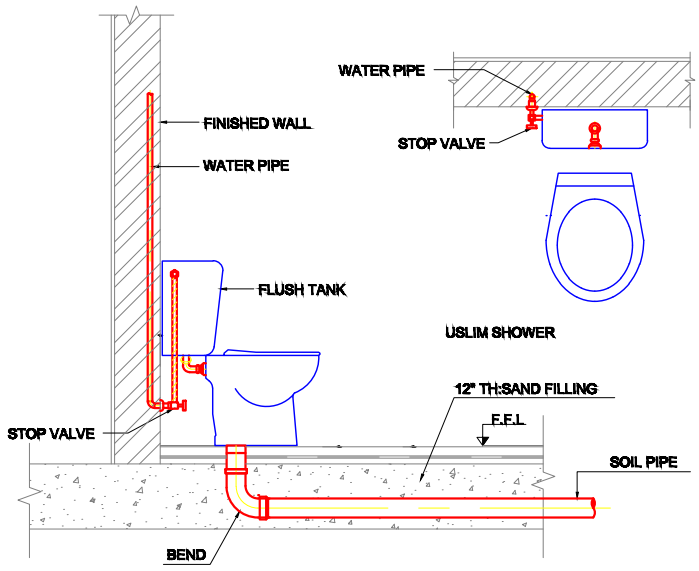
SEPTIC TANK DETAIL

WAZIR AND SONS	**MEP CONSULTANT:** WAZIR & SONS +92 3084343942 http://www.wazirandsons.pk wazirandsonspk@gmail.com Sector-C Commercial Bahria Town Lahore.	**PROJECT NAME:** VEHARI.	**OWNED BY:** MR. ASIF	**DRAWING TITLE:** TANKS DETAIL
		NOTS: 1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED. 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.		**DRAWING NO:** 06

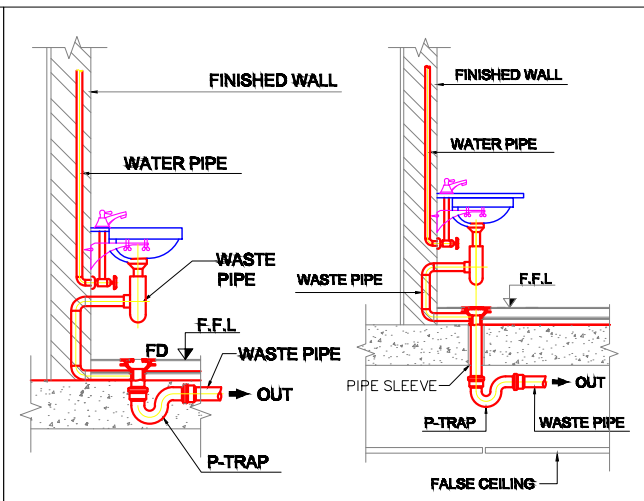
DESIGNED BY: WAZIR & SONS	**NORTH:**	
DRAW BY: WAZIR & SONS		
SCALE: NTS	**DATE:** 30-11-2024	



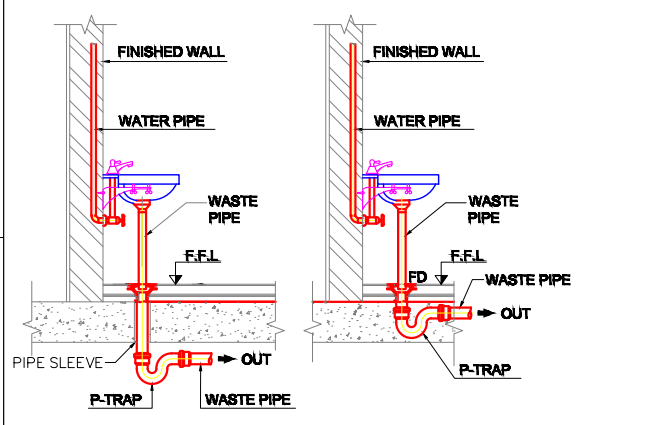
DETAIL OF ENGLISH WATER CLOSET (FLAT SLAB)



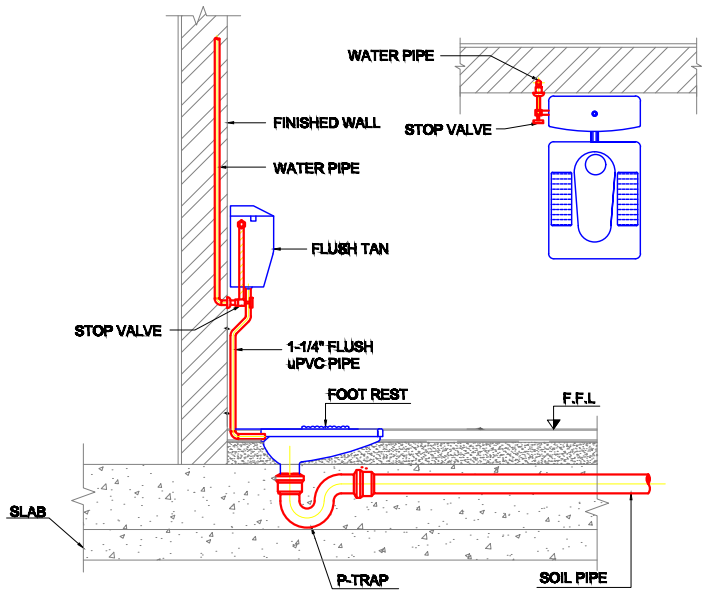
DETAIL OF ENGLISH WATER CLOSET (SUNKEN SLAB)



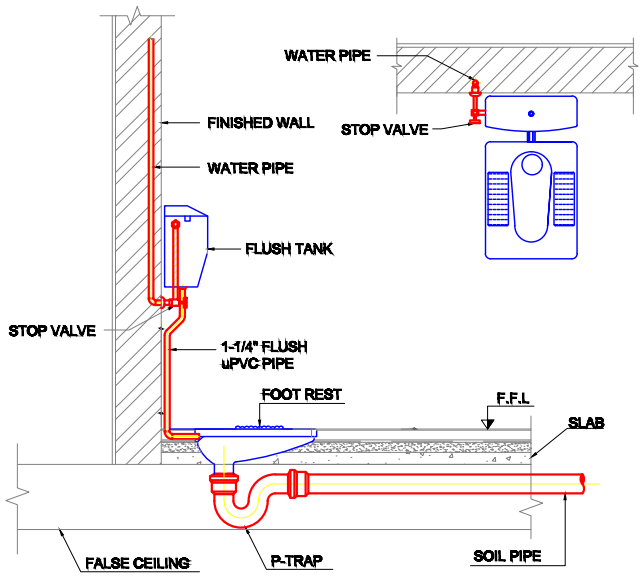
DETAIL OF FLOOR VANITY DETAIL OF VANITY



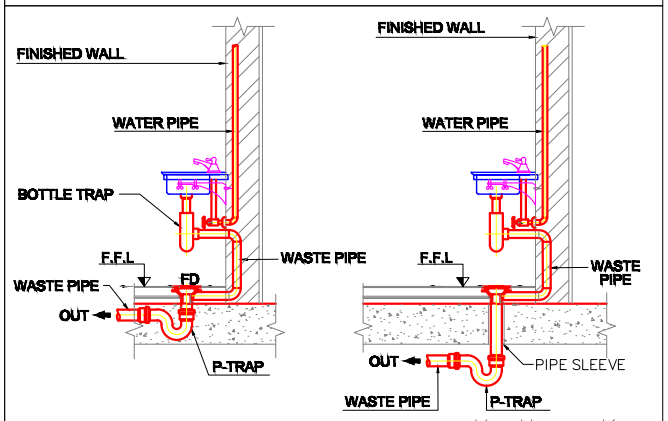
DETAIL OF WASH BASIN DETAIL OF FLOOR WASH BASIN



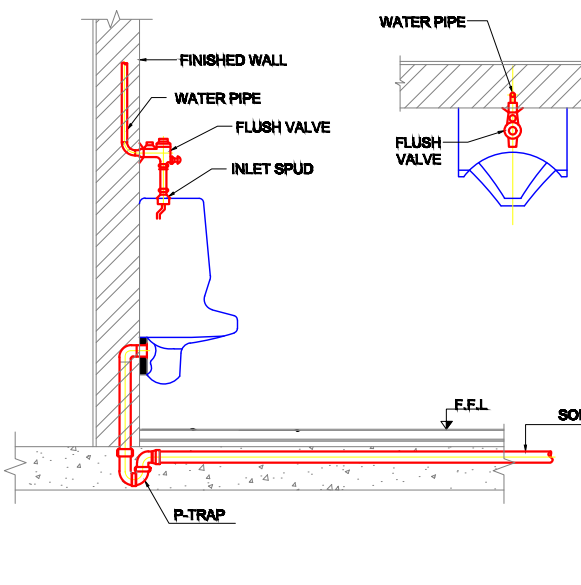
DETAIL OF INDIAN WATER CLOSET (SUNKEN SLAB)

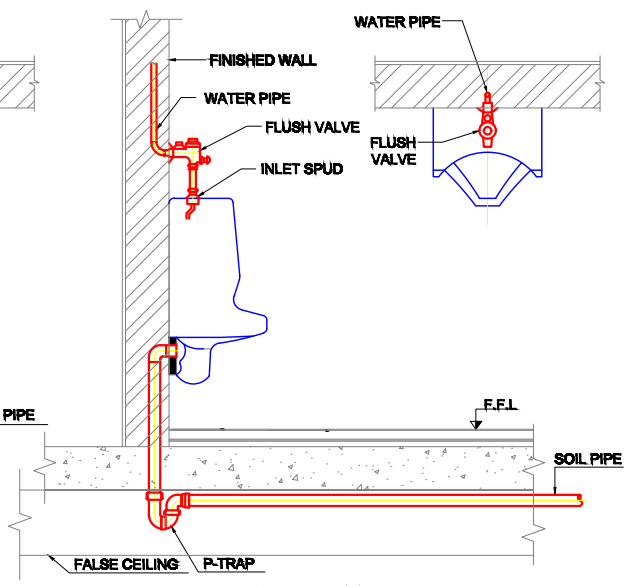


DETAIL OF INDIAN WATER CLOSET (FLAT SLAB)



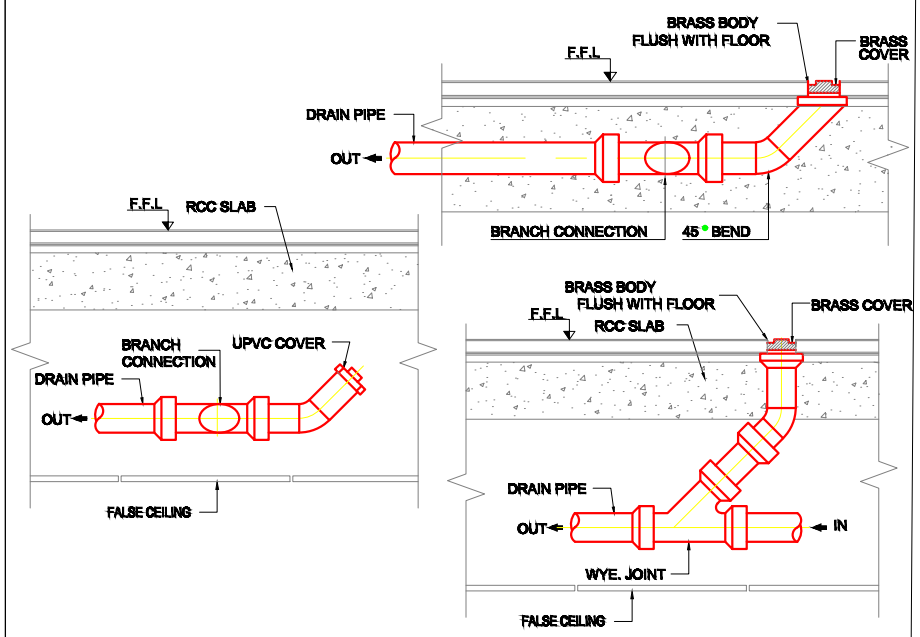
DETAIL OF FLOOR KITCHEN SINK DETAIL OF KITCHEN SINK



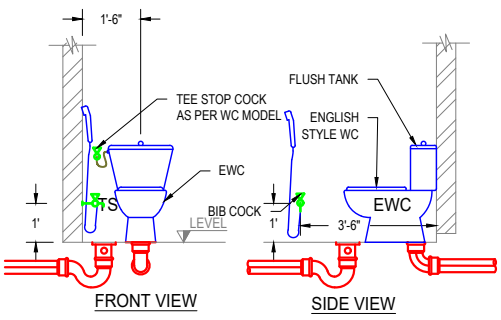


DETAIL OF WALL HANG URINAL (FLAT SLAB)

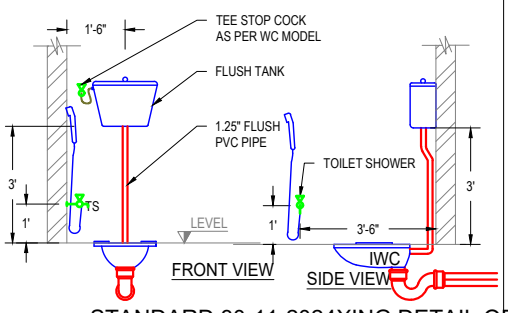
DETAIL OF WALL HANG URINAL (SUNKEN SLAB)



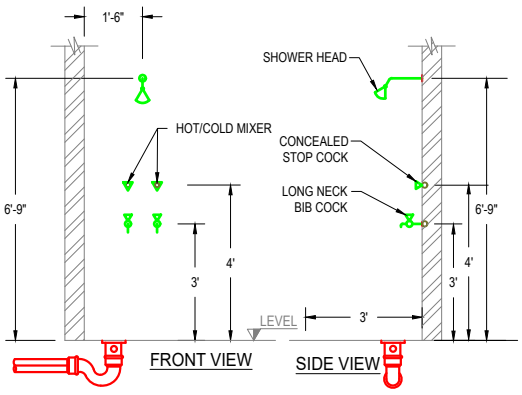
CLEAN OUT PLUG DETAIL



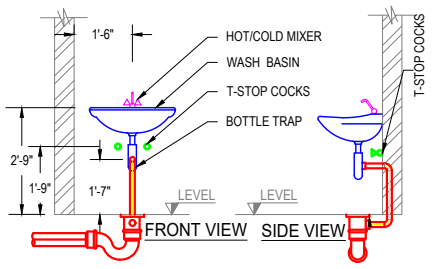
STANDARD 30-11-2024XING DIMENSIONS OF ENGLISH STYLE WATER CLOSET, (EWC)



STANDARD 30-11-2024XING DETAIL OF INDIAN STYLE WATER CLOSET, (IWC)



STANDARD 30-11-2024XING DETAILS OF SHOWER WITH FLOOR TRAP



STANDARD 30-11-2024XING DIMENSION O WASH BASIN WITH BOTTLE TRAP

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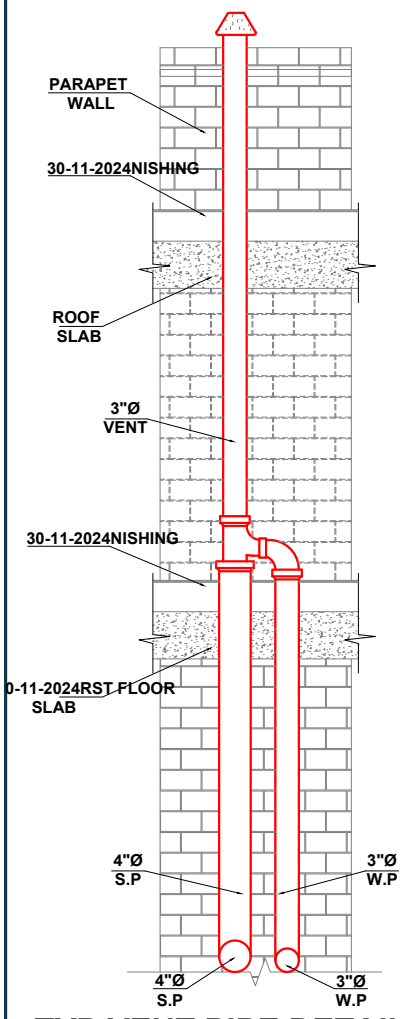
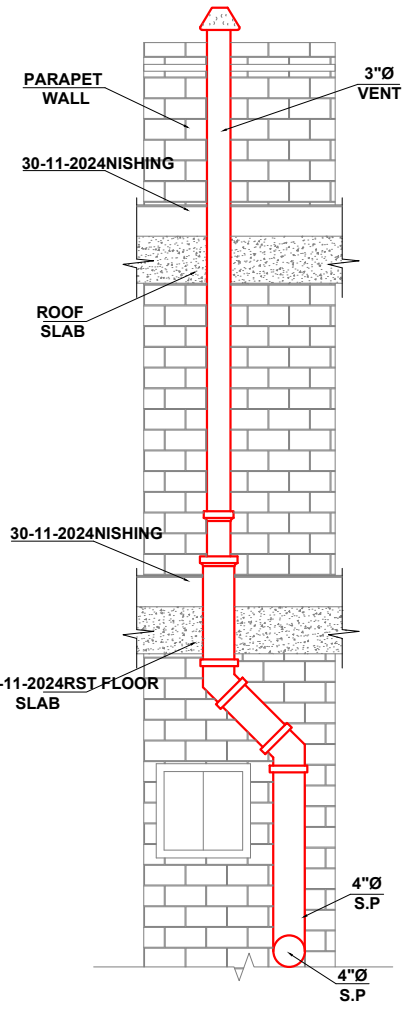
Sector-C Commercial Bahria Town Lahore.

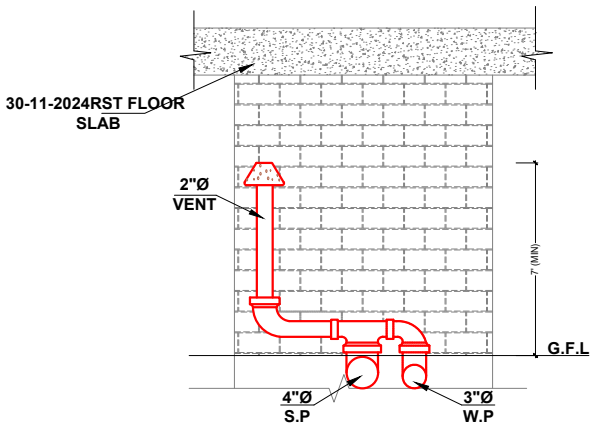
PROJECT NAME: VEHARI.	**OWNED BY:** MR. ASIF	**DRAWING TITLE:** BATHROOM INSTALLATION DETAIL	**DESIGNED BY:** WAZIR & SONS	**NORTH:**
NOTS: 1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED. 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.		**DRAWING NO:** 07	**DRAW BY:** WAZIR & SONS	
			SCALE: NTS	**DATE:** 30-11-2024



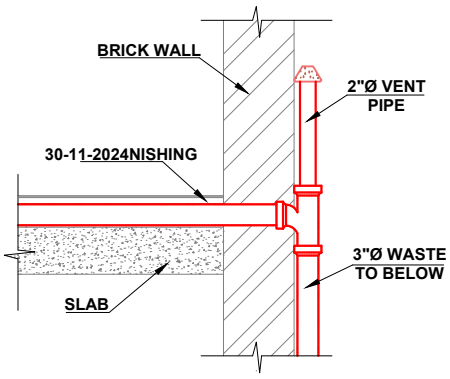
TYP.VENT PIPE DETAIL-(4)



TYP.VENT PIPE DETAIL-(5)



TYP.VENT PIPE DETAIL-(6)



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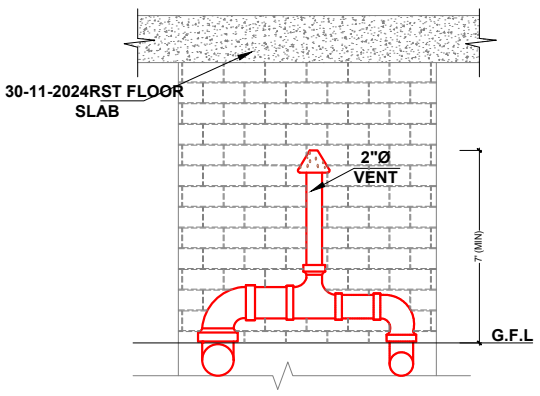

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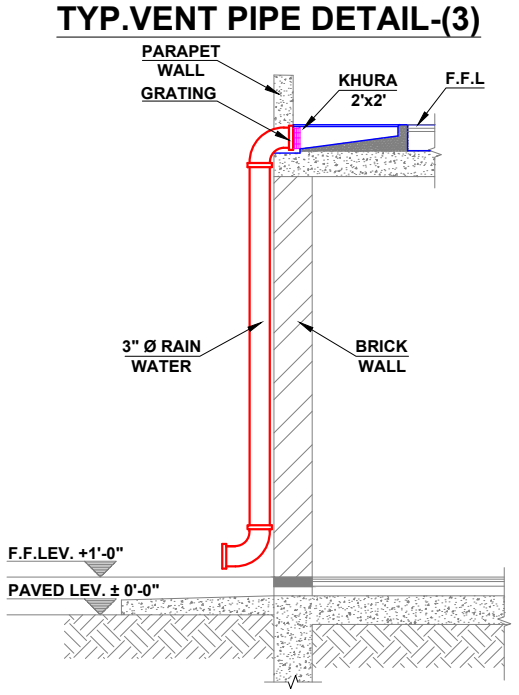
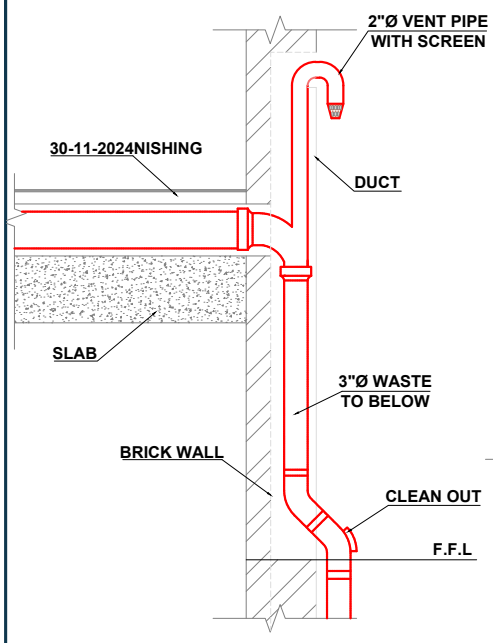
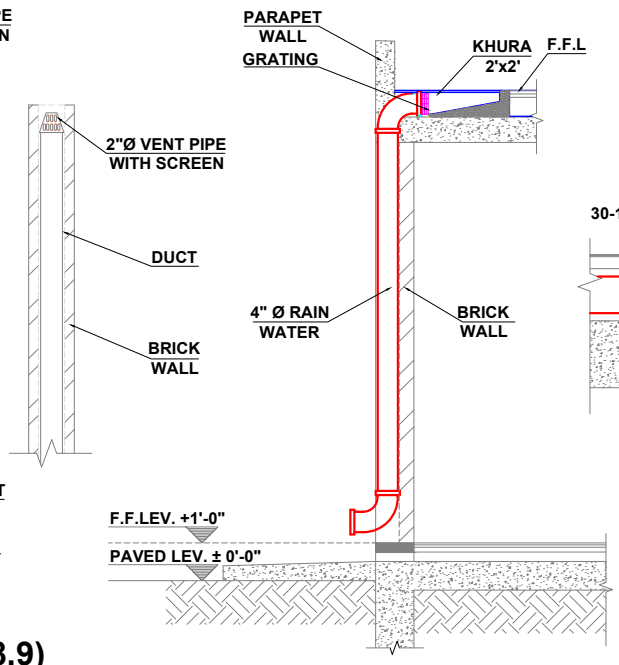


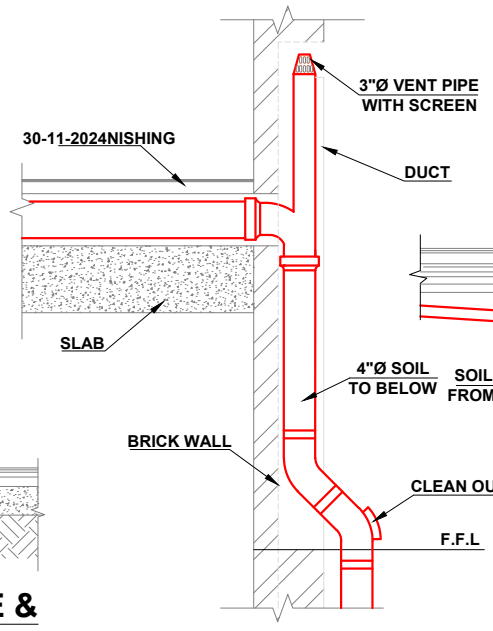
TYP RAIN WATER PIPE & KHURA DETAIL-(12)



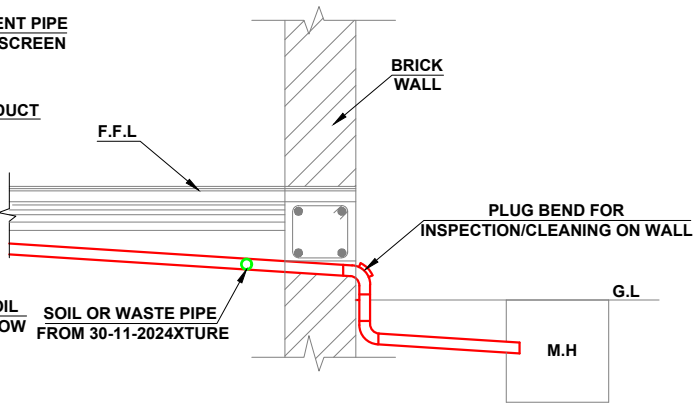
TYP.VENT PIPE DETAIL-(8,9)



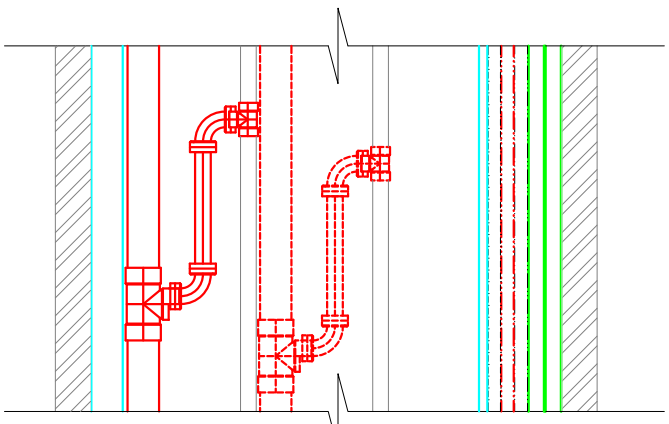
TYP.RAIN WATER PIPE & KHURA DETAIL-10)



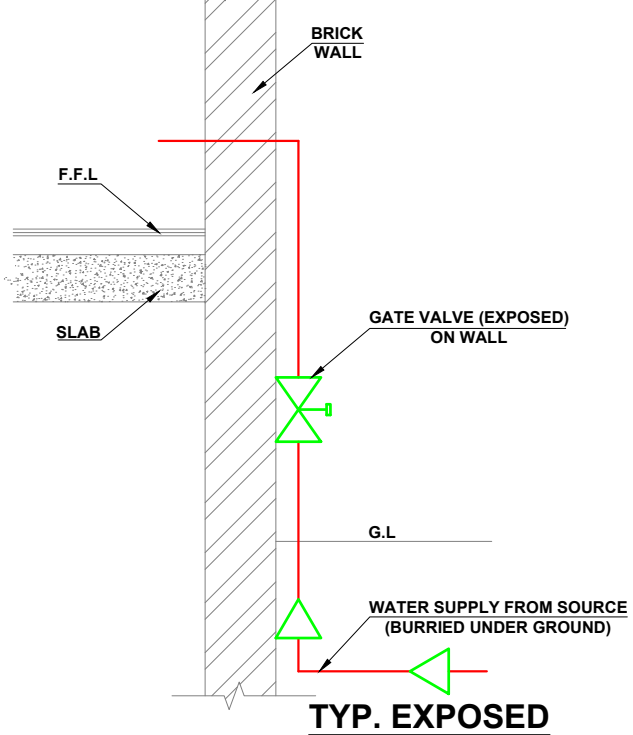
TYP.VENT PIPE DETAIL-(11)



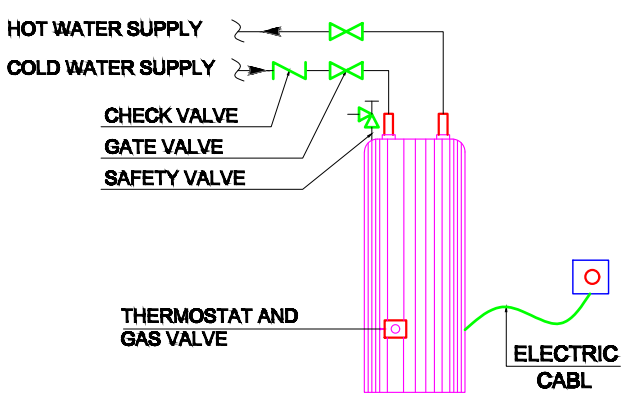
TYP. DETAIL OF INSPECTION EYE BEND ON SOIL OR WASTE PIPE AND ITS CONNECTION TO MAN HOLE



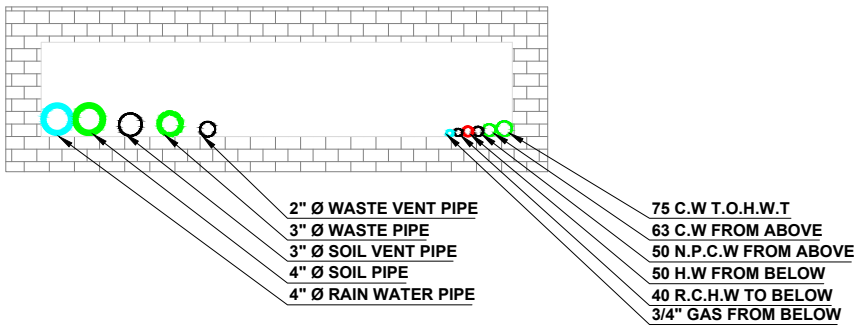
DUCT SECTION



TYP. EXPOSED GATE VALVE

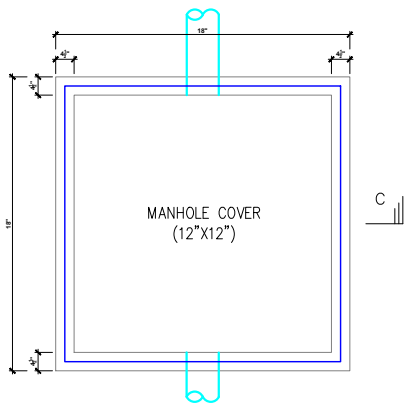


ELECTRIC HOT WATER GEYSER

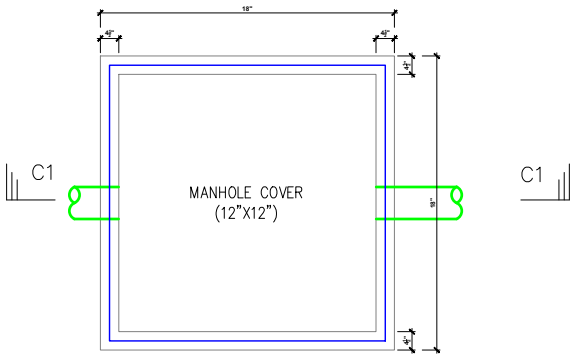


DUCT PLAN

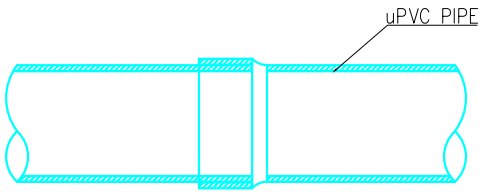
MEP CONSULTANT: WAZIR & SONS +92 3084343942 http://www.wazirandsons.pk wazirandsonspk@gmail.com Sector-C Commercial Bahria Town Lahore.	PROJECT NAME: VEHARI.	OWNED BY: MR. ASIF	DRAWING TITLE: MATERIAL DETAIL	DESIGNED BY: WAZIR & SONS DRAW BY: WAZIR & SONS	NORTH:
NOTS: 1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED. 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.			DRAWING NO: 08	SCALE: NTS	DATE: 30-11-2024



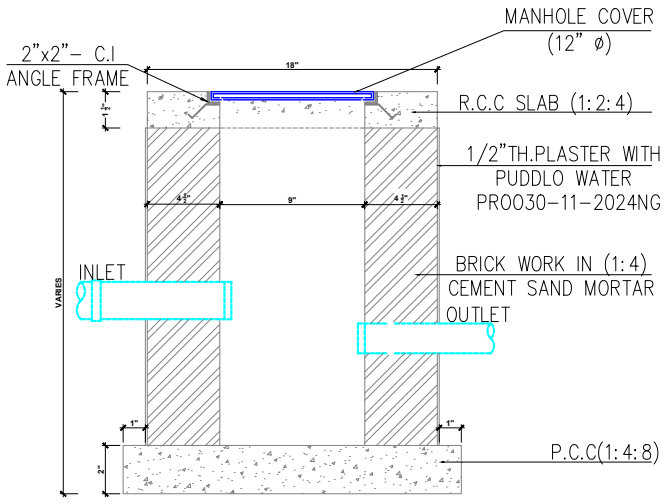
TYPICAL GREASE TRAP PLAN



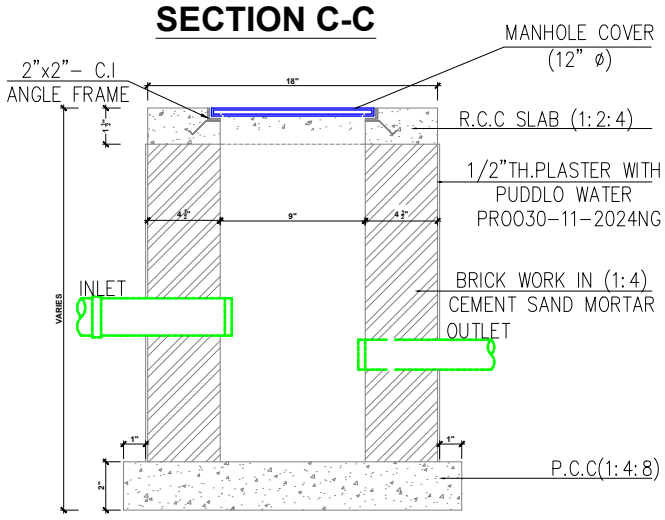
TYPICAL GREASE TRAP PLAN



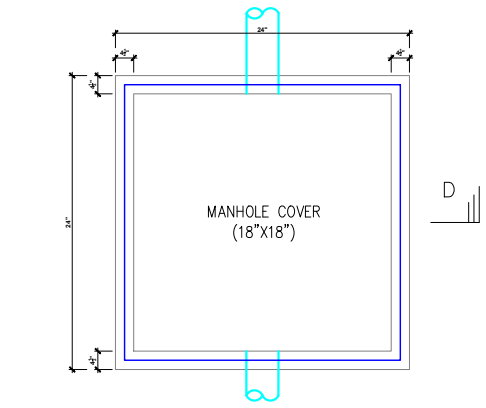
TYPICAL uPVC PIPE JOINTING



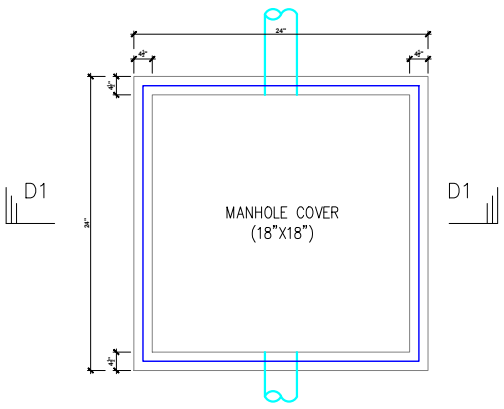
SECTION C-C



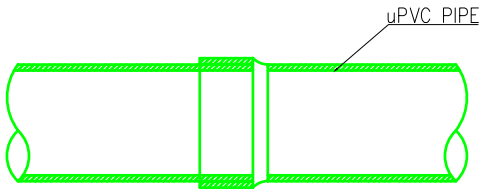
SECTION C1-C1



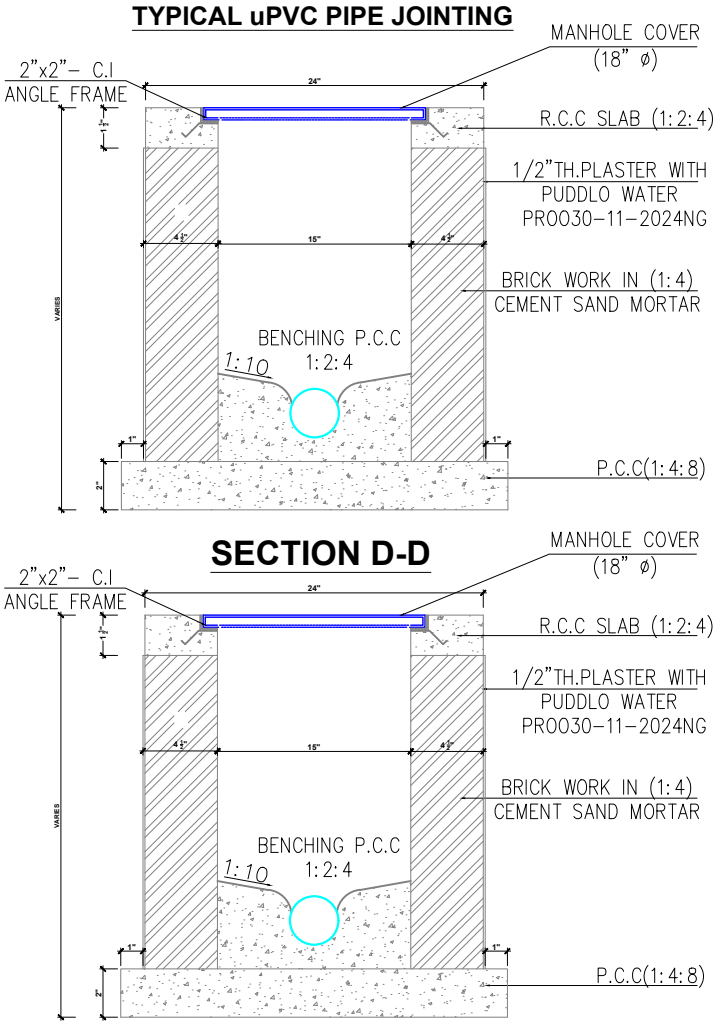
TYPICAL SEWER MANHOLE PLAN (UP TO 3' DEPTH)



TYPICAL SEWER MANHOLE PLAN (UP TO 3' DEPTH)

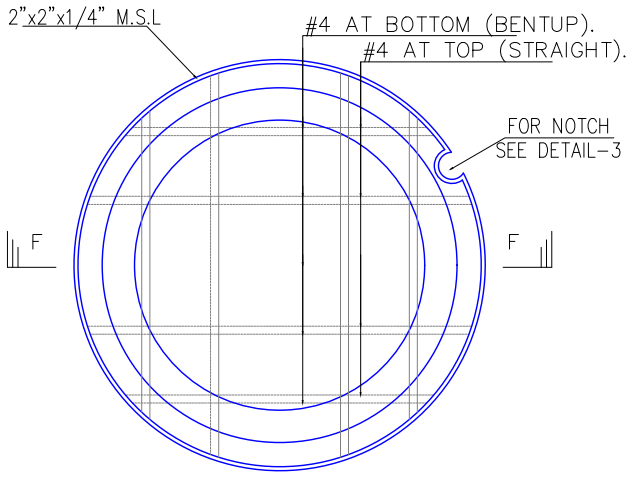


TYPICAL uPVC PIPE JOINTING

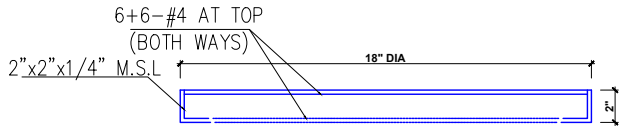


SECTION D-D

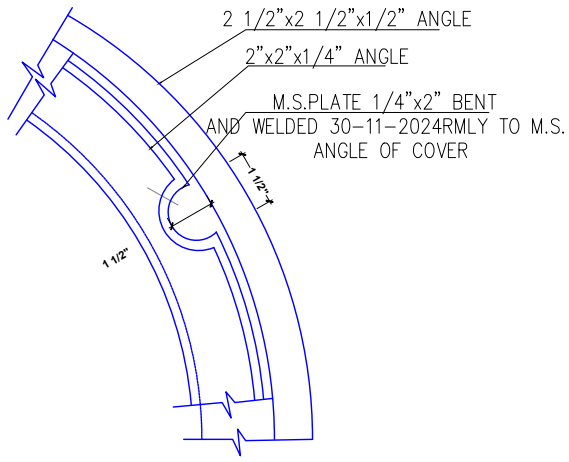
SECTION D1-D1



SEPTIC TANK MANHOLE COVER PLAN



SECTION F-F



DETAIL

MEP CONSULTANT: WAZIR & SONS +92 3084343942 http://www.wazirandsons.pk wazirandsonspk@gmail.com Sector-C Commercial Bahria Town Lahore.	**PROJECT NAME:** VEHARI.	**OWNED BY:** MR. ASIF	**DRAWING TITLE:** MATERIAL DETAIL	**DESIGNED BY:** WAZIR & SONS **DRAW BY:** WAZIR & SONS **SCALE:** NTS **DATE:** 30-11-2024
	NOTS: 1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED. 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.		**DRAWING NO:** 09	**NORTH:**