

PROPOSED HOUSE WORKING DRAWINGS

**M. ARSLAN
PROJECT AT
SARGODAH.**



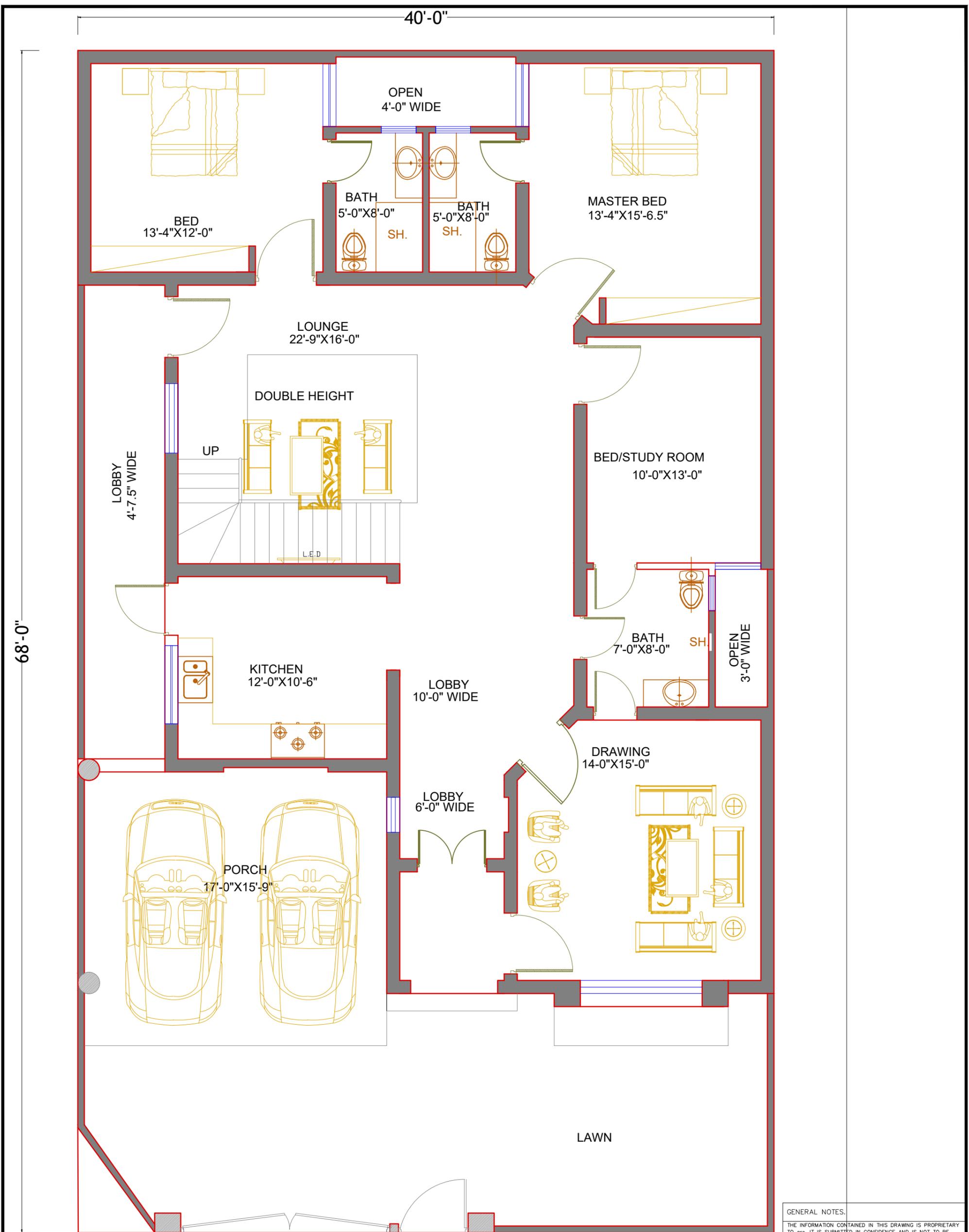
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AND SONS**

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SECTOR-C, COMMERCIAL, BAHRIA TOWN LAHORE.

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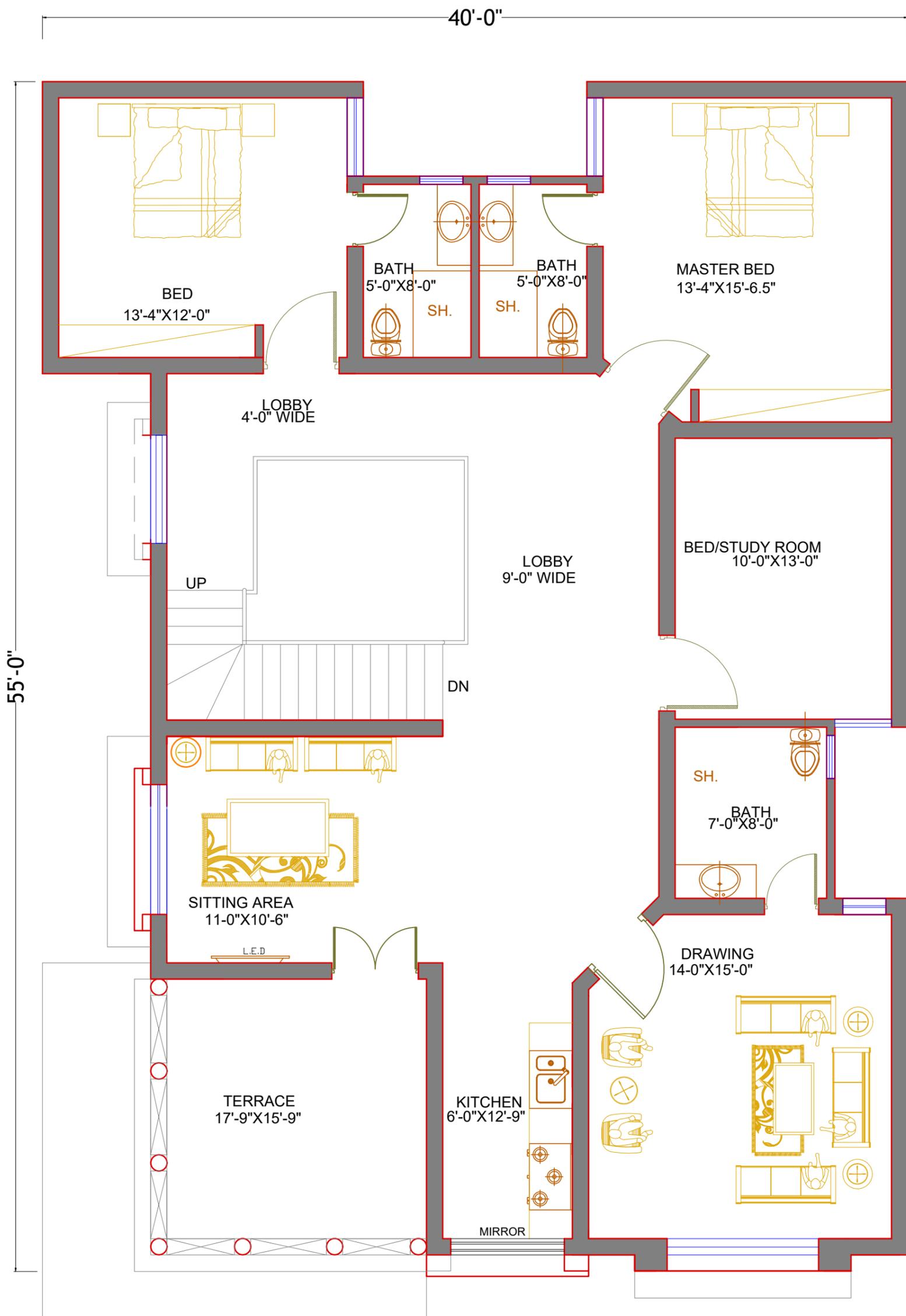
GROUND FLOOR

GENERAL NOTES.
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| | | | | | | | | | | |
|---------|--------------------------------|------|---------------|--|--------------------------|--------------|-----------|-----------|----------|-------------|
| TITLE | PURPOSED FURNITURE PLAN | | | | GROUND FLOOR PLAN | | | S.NO. | REVISION | ORIENTATION |
| CLIENT | MR. ARSLAN | | | | CHECKED BY | AR.ADNAN CH. | SHEET NO. | 01 | 01 | |
| PROJECT | SARGODAH. | | | | DRAWN BY | M. YASIR | SCALE | N.T.S | 02 | |
| | | DATE | DEC. 06, 2024 | | AREA | NIL // | | 03 | | |



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FIRST FLOOR

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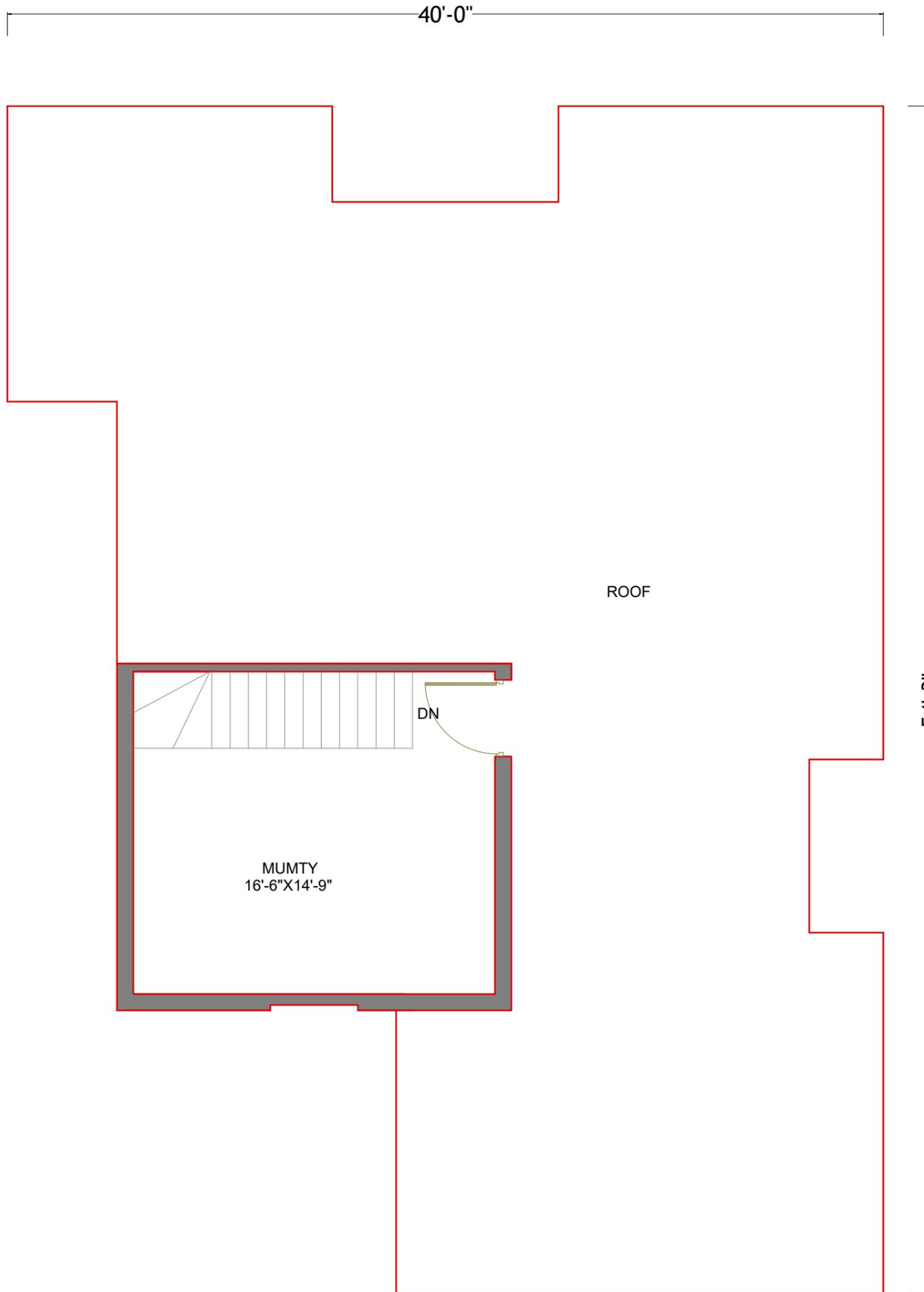
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| | | | | | | | | | | |
|---------|--------------------------------|------|---------------|------|-------------------------|--------------|-----------|-----------|----------|-------------|
| TITLE | PURPOSED FURNITURE PLAN | | | | FIRST FLOOR PLAN | | | S.NO. | REVISION | ORIENTATION |
| CLIENT | MR. ARSLAN | | | | CHECKED BY | AR.ADNAN CH. | SHEET NO. | 02 | 01 | |
| PROJECT | SARGODAH. | | | | DRAWN BY | M. YASIR | SCALE | N.T.S | 02 | |
| | | DATE | DEC. 06, 2024 | AREA | | | NILL // | 03 | | |



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MUMTY FLOOR

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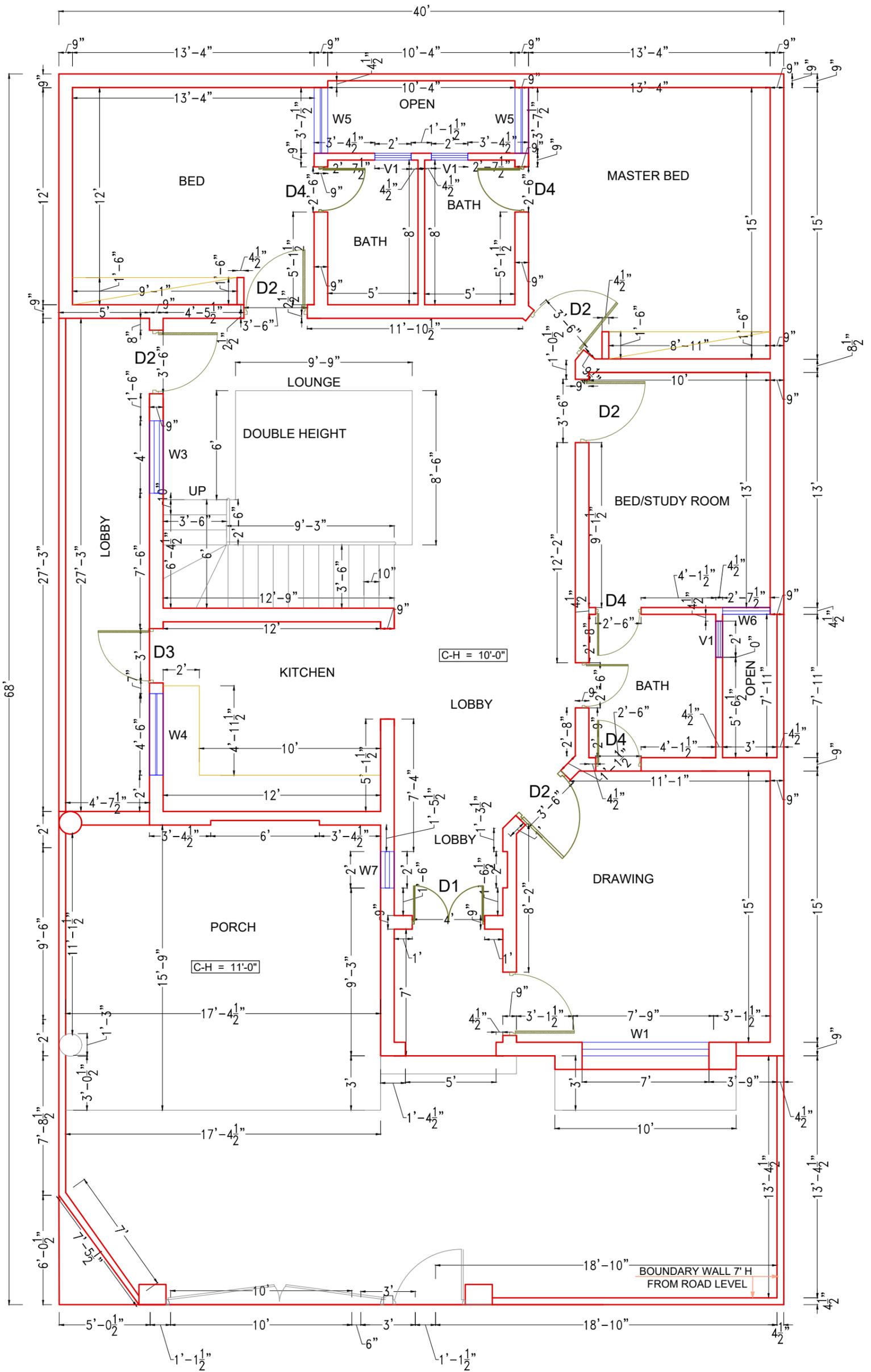
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| TITLE | MUMTY FLOOR PLAN | | | | S.NO. | REVISION | ORIENTATION |
|-----------------------------|----------------------------|-----------|-----------|----|-------|----------|-------------|
| CLIENT MR. ARSLAN | CHECKED BY AR.ADNAN CH. | SHEET NO. | 03 | 01 | | | |
| PROJECT SARGODAH. | DRAWN BY M. YASIR | SCALE | N.T.S | 02 | | | |
| | DATE DEC. 06, 2024 | AREA | NILL // | 03 | | | |



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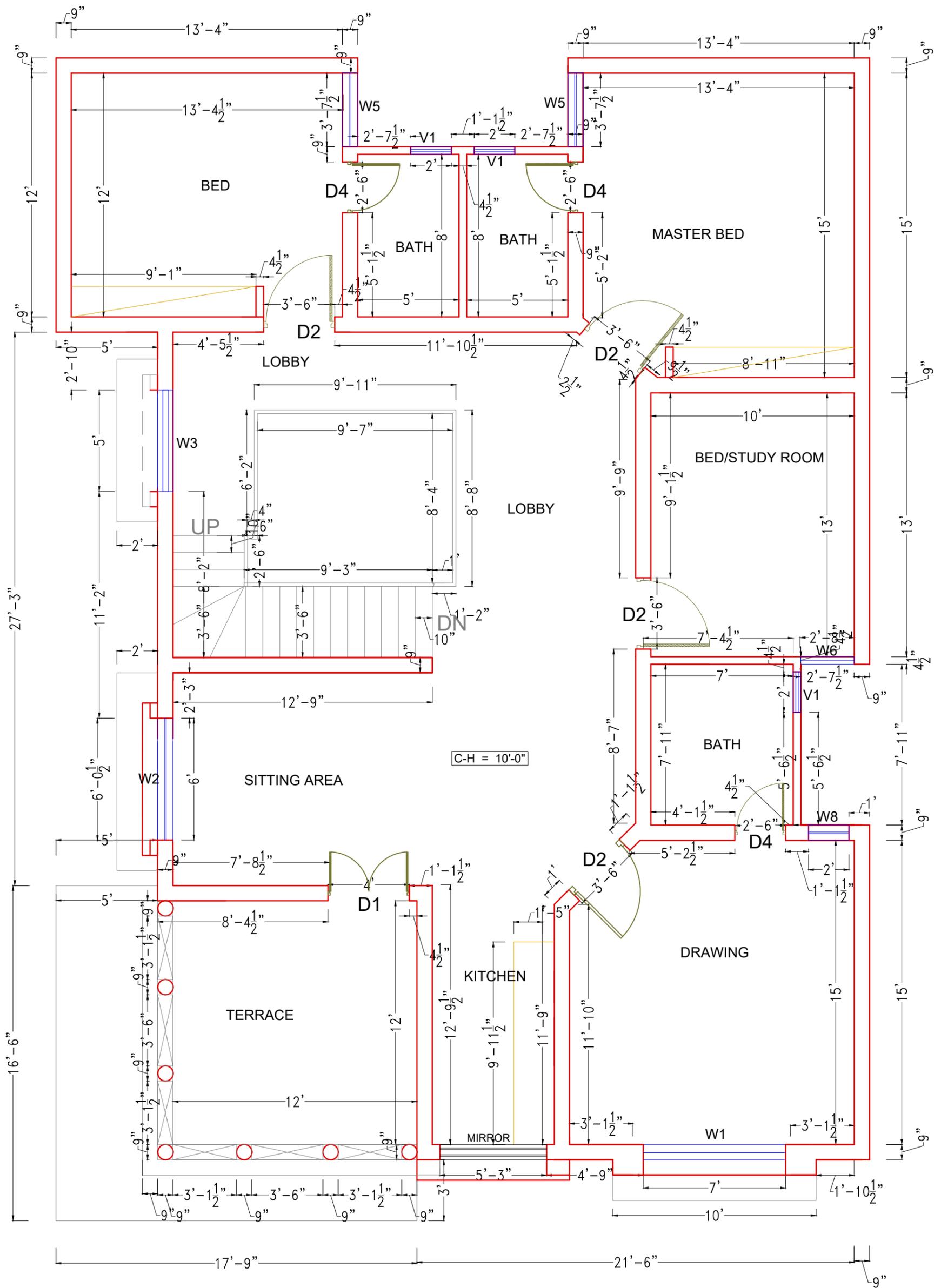
GROUND FLOOR PLAN

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| | | | | | | | | | |
|---------|---------------------|--|--|--------------------------|---------------|-----------|----------|-------------|---|
| TITLE | WORKING PLAN | | | GROUND FLOOR PLAN | | 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. ARSLAN | | | CHECKED BY | AR.ADNAN CH. | SHEET NO. | 04 | 01 | |
| PROJECT | SARGODAH. | | | DRAWN BY | M. YASIR | SCALE | N.T.S | 02 | |
| | | | | DATE | DEC. 06, 2024 | AREA | NILL // | 03 | |



FIRST FLOOR PLAN

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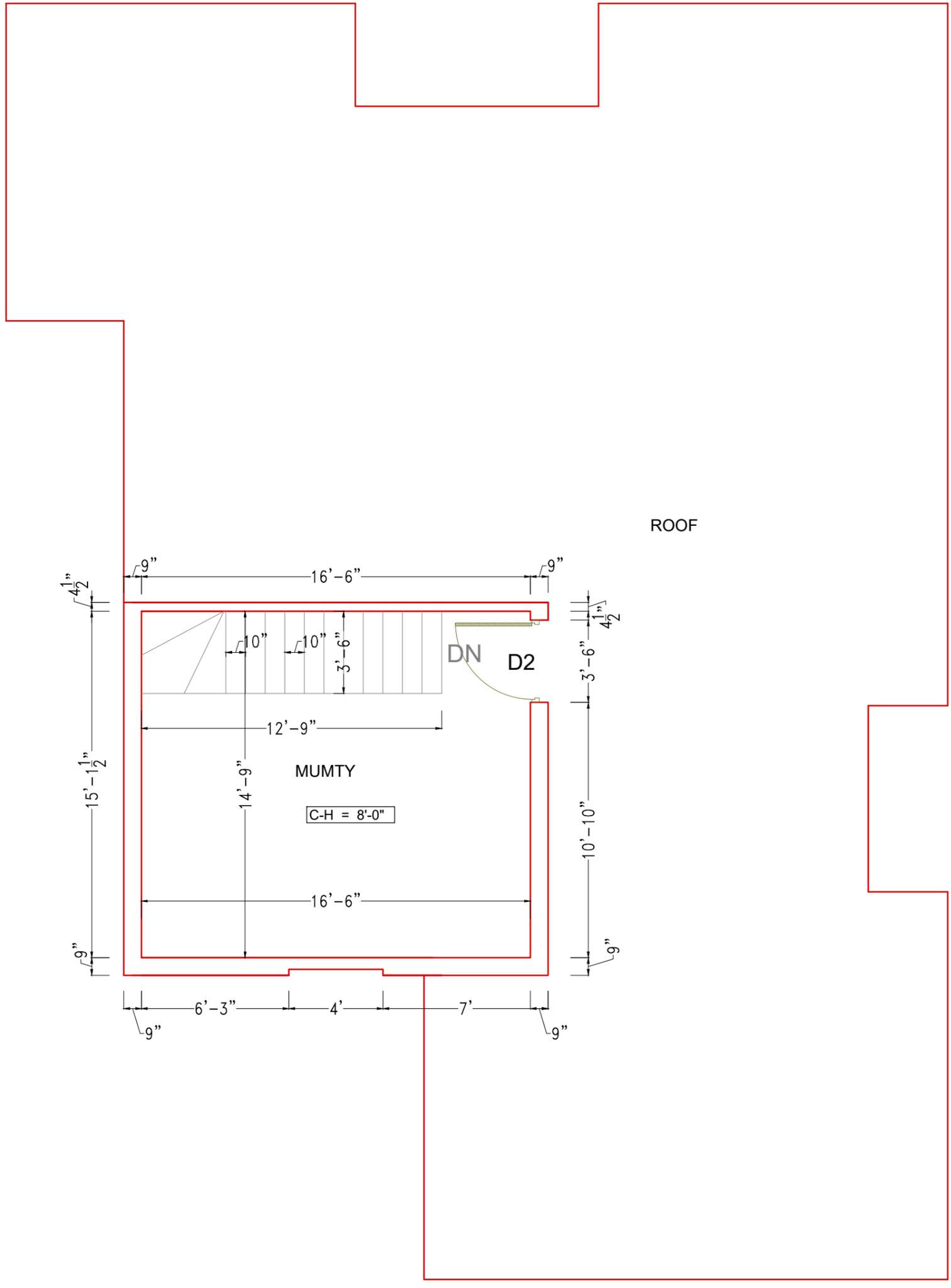
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|---------|---------------------|--|--|--|-------------------------|---------------|-----------|----------|-------------|
| TITLE | WORKING PLAN | | | | FIRST FLOOR PLAN | | S.NO. | REVISION | ORIENTATION |
| CLIENT | MR. ARSLAN | | | | CHECKED BY | AR.ADNAN CH. | SHEET NO. | 05 | 01 |
| PROJECT | SARGODAH. | | | | DRAWN BY | M. YASIR | SCALE | N.T.S | 02 |
| | | | | | DATE | DEC. 06, 2024 | AREA | NILL // | 03 |



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MUMTY FLOOR PLAN

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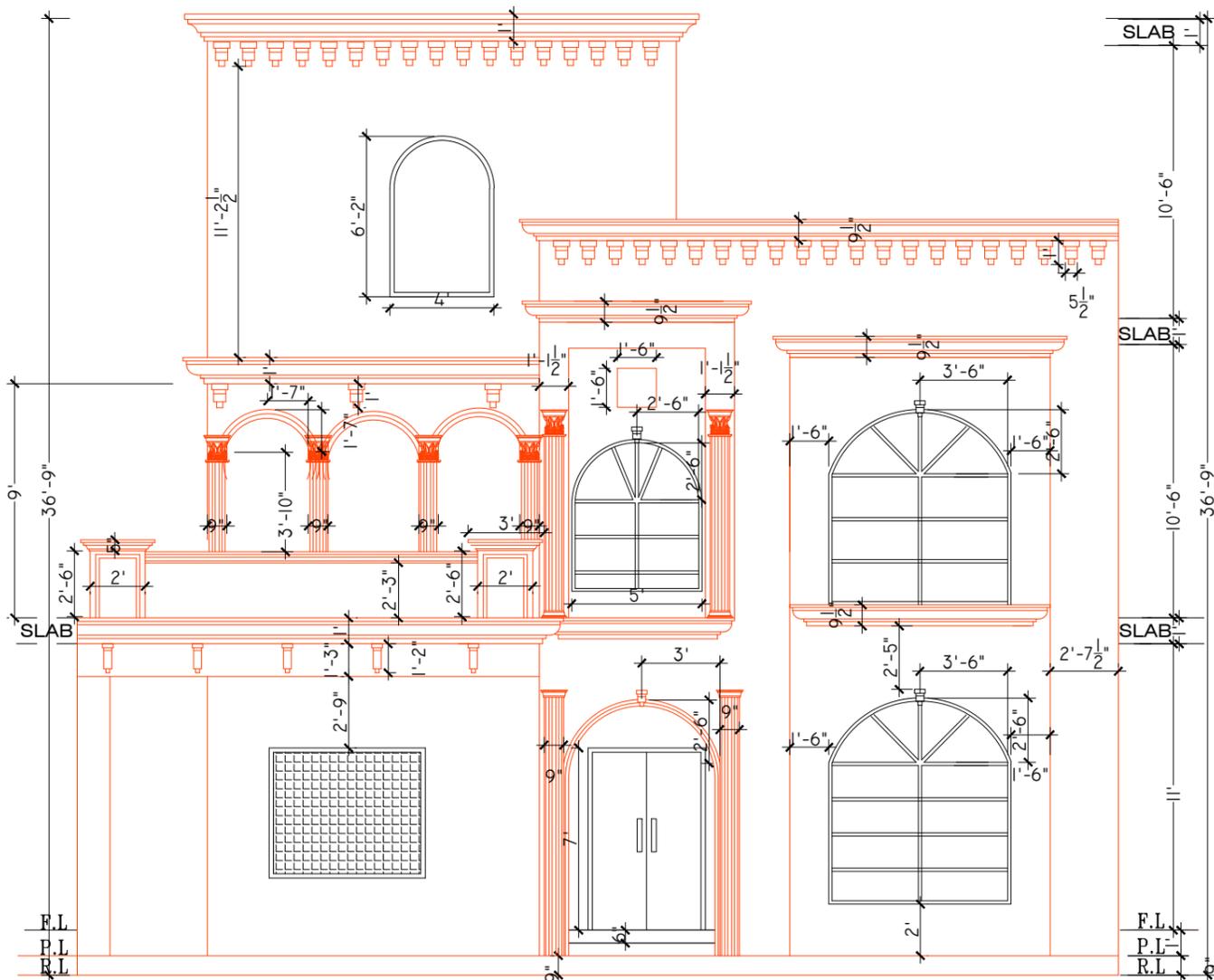
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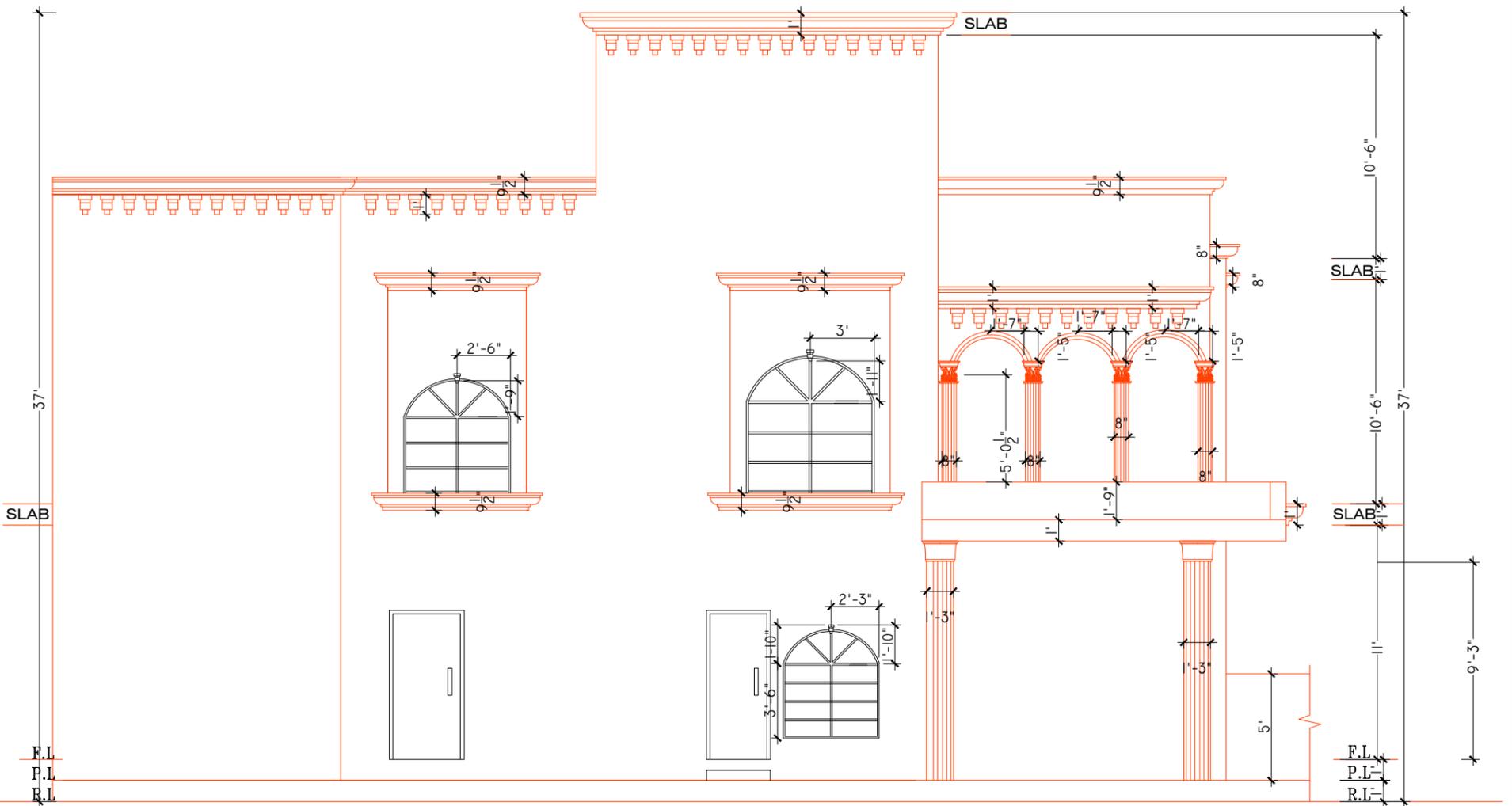
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| TITLE | WORKING PLAN | | | | MUMTY FLOOR PLAN | | S.NO. | REVISION | OREINTATION |
| CLIENT | MR. ARSLAN | | | | CHECKED BY | AR.ADNAN CH. | SHEET NO. | 06 | 01 |
| PROJECT | SARGODAH. | | | | DRAWN BY | M. YASIR | SCALE | N.T.S | 02 |
| | | | | | DATE | DEC. 06, 2024 | AREA | NILL // | 03 |



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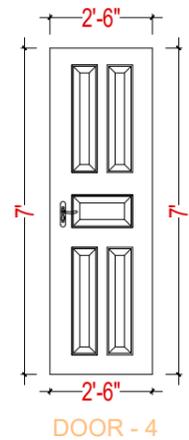
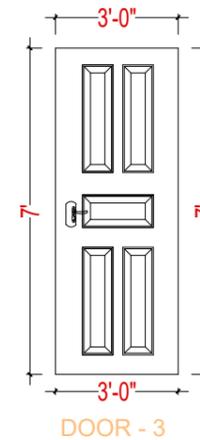
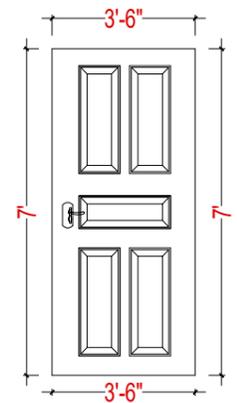
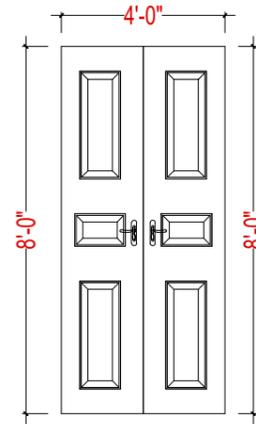
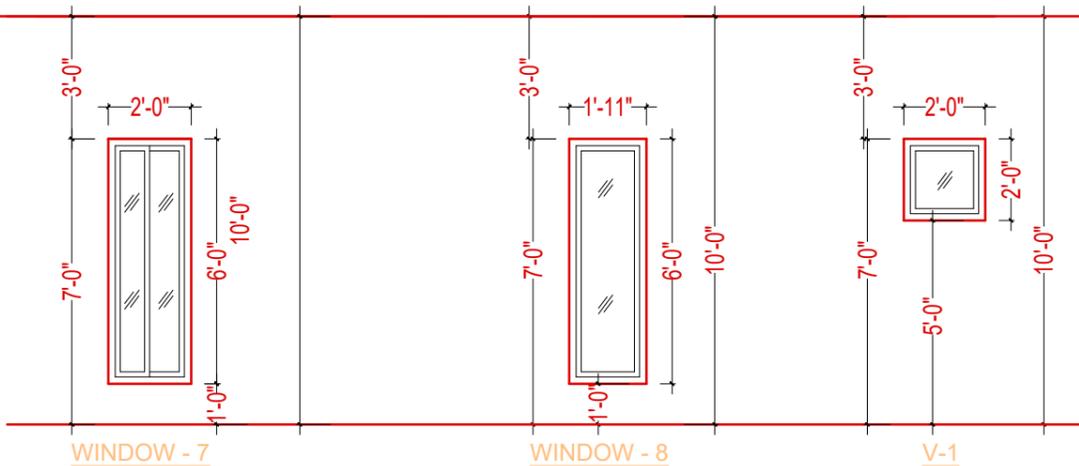
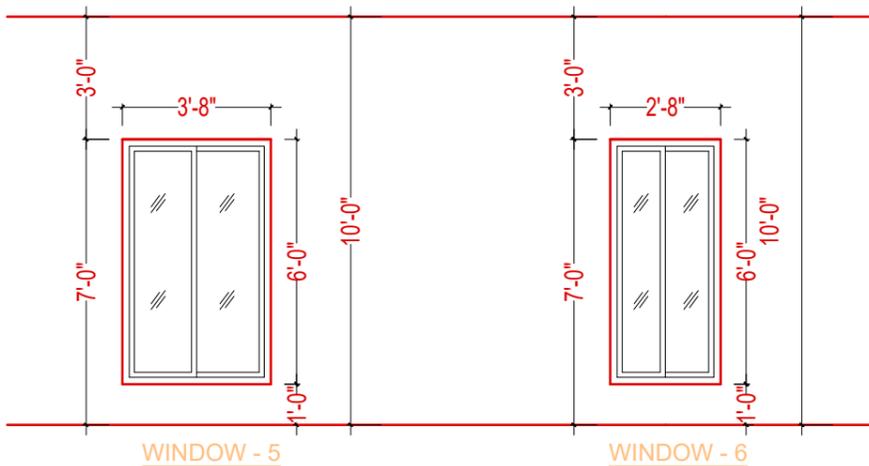
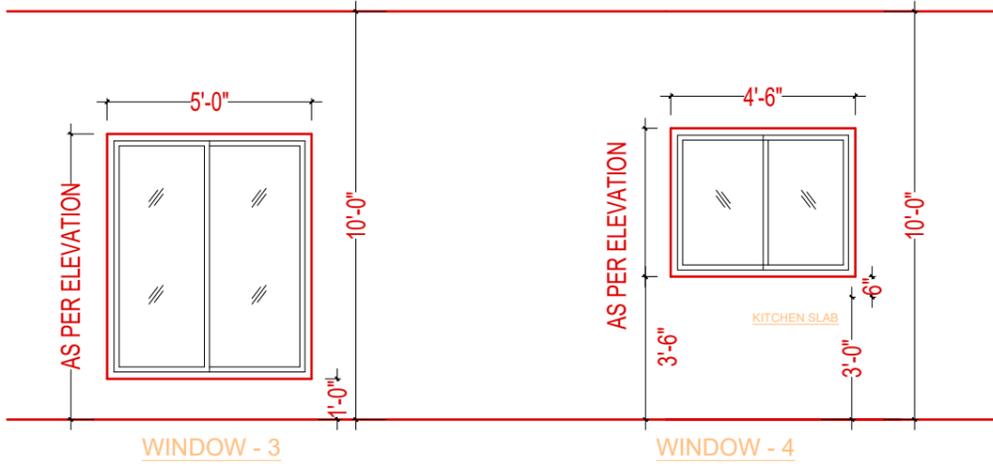
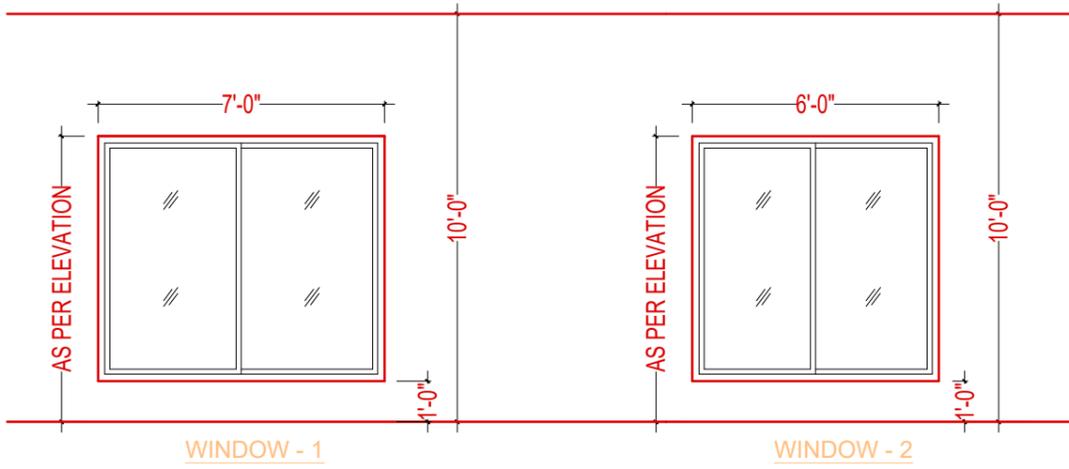
| TITLE | FRONT | | | | S.NO. | REVISION | ORIENTATION |
|-----------------------------|----------------------------|-----------|-----------|----|-------|----------|---|
| CLIENT MR. ARSLAN | CHECKED BY AR.ADNAN CH. | SHEET NO. | 07 | 01 | | |  WAZIR & SONS Architecture, Interior, Structure, Construction 0308 4343942 http://www.wazirandsons.pk wazirandsonspk@gmail.com SECTOR-C, COMMERCIAL, BAHRIA TOWN LAHORE. |
| PROJECT SARGODAH. | DRAWN BY M. YASIR | SCALE | N.T.S | 02 | | | |
| | DATE DEC. 06, 2024 | AREA | NILL // | 03 | | | |



| TITLE | ELEVATION DETAIL | | RIGHT SIDE | | S.NO. | REVISION | ORIENTATION |
|---------|------------------|------------|---------------|-----------|---------|----------|-------------|
| CLIENT | MR. SHAKIL | CHECKED BY | AR.Azhan CH. | SHEET NO. | 08 | 01 | |
| PROJECT | SHER SULTAN. | DRAWN BY | M. YASIR | SCALE | N.T.S | 02 | |
| | | DATE | Oct. 18, 2024 | AREA | NILL // | 03 | |



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DOORS

WINDOWS

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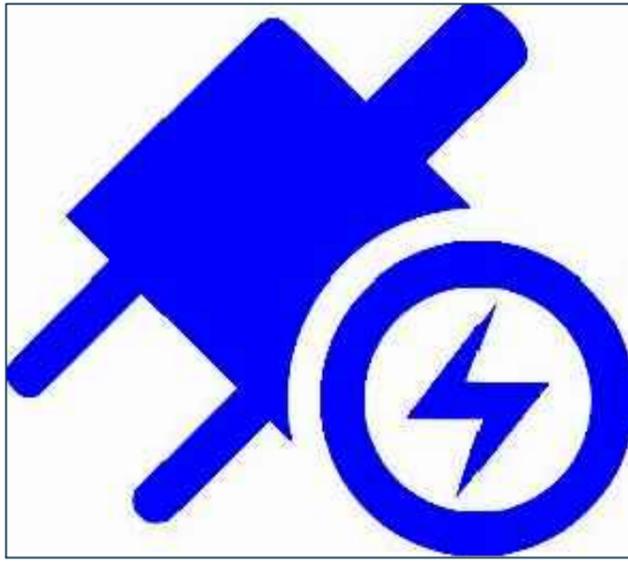
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|---------|------------------------|------------|---------------|-----------|-------------------------------|----|-------|----------|-------------|
| TITLE | WINDOW SCHEDULE | | | | G.F + F.F + T.P FLOORS | | S.NO. | REVISION | ORIENTATION |
| CLIENT | MR. ARSLAN | CHECKED BY | AR.ADNAN CH. | SHEET NO. | 09 | 01 | | | |
| PROJECT | SARGODAH. | DRAWN BY | M. YASIR | SCALE | N.T.S | 02 | | | |
| | | DATE | DEC. 06, 2024 | AREA | NILL // | 03 | | | |



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ELECTRICAL DESIGN

PROPOSED RESIDENTIAL PLAN AT SARGODAH.



ELECTRICAL DRAWINGS



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PROJECT NAME:

SARGODAH.

OWNED BY:

M. ARSLAN

DRAWING TITLE:

TITLE PAGE

DRAWING NO:

0

DESIGNED BY:

WAZIR & SONS

DRAW BY:

WAZIR & SONS

SCALE:

NTS

REVISIONS:

00

DATE:

02-12-2024

WIRING ACCESSORIES

| S.NO | SYMBOLS | DESCRIPTION | MAKE | MOUNTING HEIGHT |
|------|---------|---|------------------------------|------------------------------------|
| 1 | | WALL SOCKET | - | - |
| 2 | | 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 | | INDICATES CONDUITS BURIED UNDER GROUND/ UNDER FLOOR/IN SLAB/IN WALL/ABOVE FALSE CEILING | - | - |
| 12 | | CCTV CAMERA | - | - |
| 13 | | DOME CAMERA | - | - |
| 14 | | MANHOLE 12"x12"x15"(INNER SIZE) WITH WATER TIGHT R.C.C COVER | - | - |
| 15 | | INDICATES SPLIT AIR CONDITIONNER (IN DOOR UNIT) | - | SEE ARCH DRG. |
| 16 | | 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 | | 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 CEILING 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 | | 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 | | 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 | | INDICATES CAMERA CABLE DISTRIBUTOR | - | - |

SWITCH GEAR

| S.NO | SYMBOLS | DESCRIPTION | MAKE | MOUNTING HEIGHT |
|------|---------|--|--------------|-----------------|
| 1 | | DISTRIBUTION BOARD WITH MBS FOR PROTECTION OF LIGHT & POWER SOCKETS CIRCUITS | REFER TO BOQ | 4'-0" F.F.L |
| 2 | | PHASE INDICATION LAMPS ON MPB, SMPB & DBs | REFER TO BOQ | SEE DRGS. /BOQ |
| 3 | | MOULDED CASE CIRCUIT BREAKER - MCCB | REFER TO BOQ | SEE DRGS. /BOQ |
| 4 | | RESIDUAL CURRENT CIRCUIT BREAKER SENSIVITY 300 mA | REFER TO BOQ | SEE DRGS. /BOQ |
| 5 | | 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 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.



MEP CONSULTANT:

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PROJECT NAME:

SARGODAH.

OWNED BY:

M. ARSLAN

DRAWING TITLE:

LEGENDS

DRAWING NO:

01

DESIGNED BY:

WAZIR & SONS

DRAW BY:

WAZIR & SONS

SCALE:

NTS

REVISIONS:

00

DATE:

02-12-2024

NOTS:

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

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.



MEP CONSULTANT:

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



PROJECT NAME:

SARGODAH.

OWNED BY:

M. ARSLAN

DRAWING TITLE:

GENERAL NOTES

DRAWING NO:

02

DESIGNED BY:

WAZIR & SONS

DRAW BY:

WAZIR & SONS

SCALE:

NTS

REVISIONS:

00

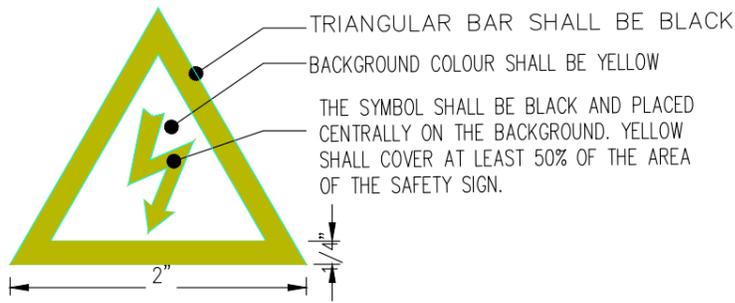
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02-12-2024

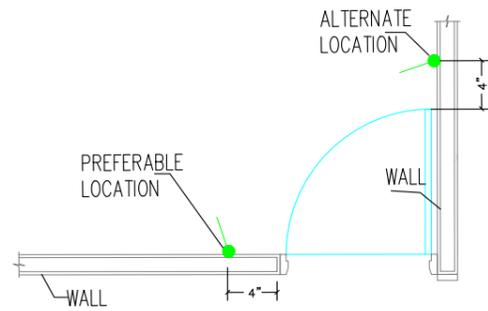
NOTS:

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

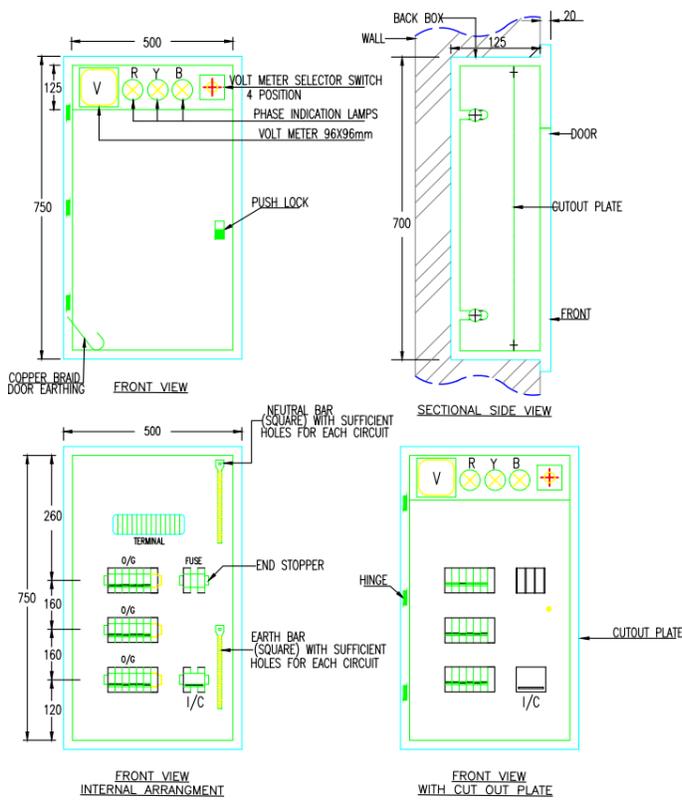
WARNING SIGN



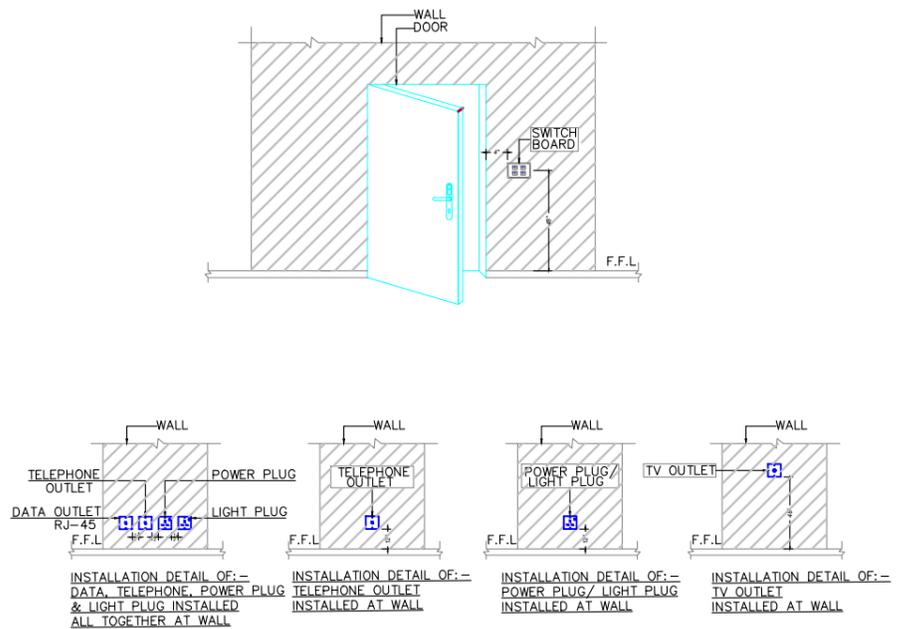
SWITCH GANG LOCATION DETAIL



SMDB DETAILS



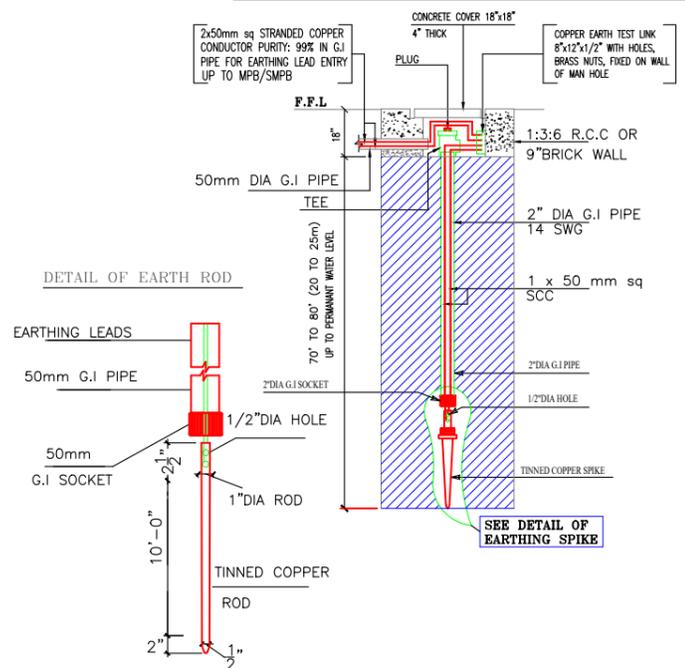
SWITCH GANG & SOCKETS INSTALLATION DETAILS



NOTES FOR EARTHING SYSTEM

- EARTH BORE SHALL BE MADE AT 6'-0" AWAY FROM FOUNDATION.
- DISTANCE BETWEEN 2 EARTH BORES SHALL NOT BE LESSTHEN 10ft SHALL NOT BE LESS THEN 10 ft (3m)
- COPPER CONDUCTOR AT TOP OF G.I. PIPE SHALL BE BOLTED WITH THIMBLES, BRASS NUTS, BOLTS ETC.
- JOINTS SHALL BE COVERED WITH BITUMEN
- 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



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PROJECT NAME:

SARGODAH.

OWNED BY:

M. ARSLAN

DRAWING TITLE:

INSTALLATION DETAILS

DRAWING NO:

03

DESIGNED BY:

WAZIR & SONS

DRAW BY:

WAZIR & SONS

SCALE:

NTS

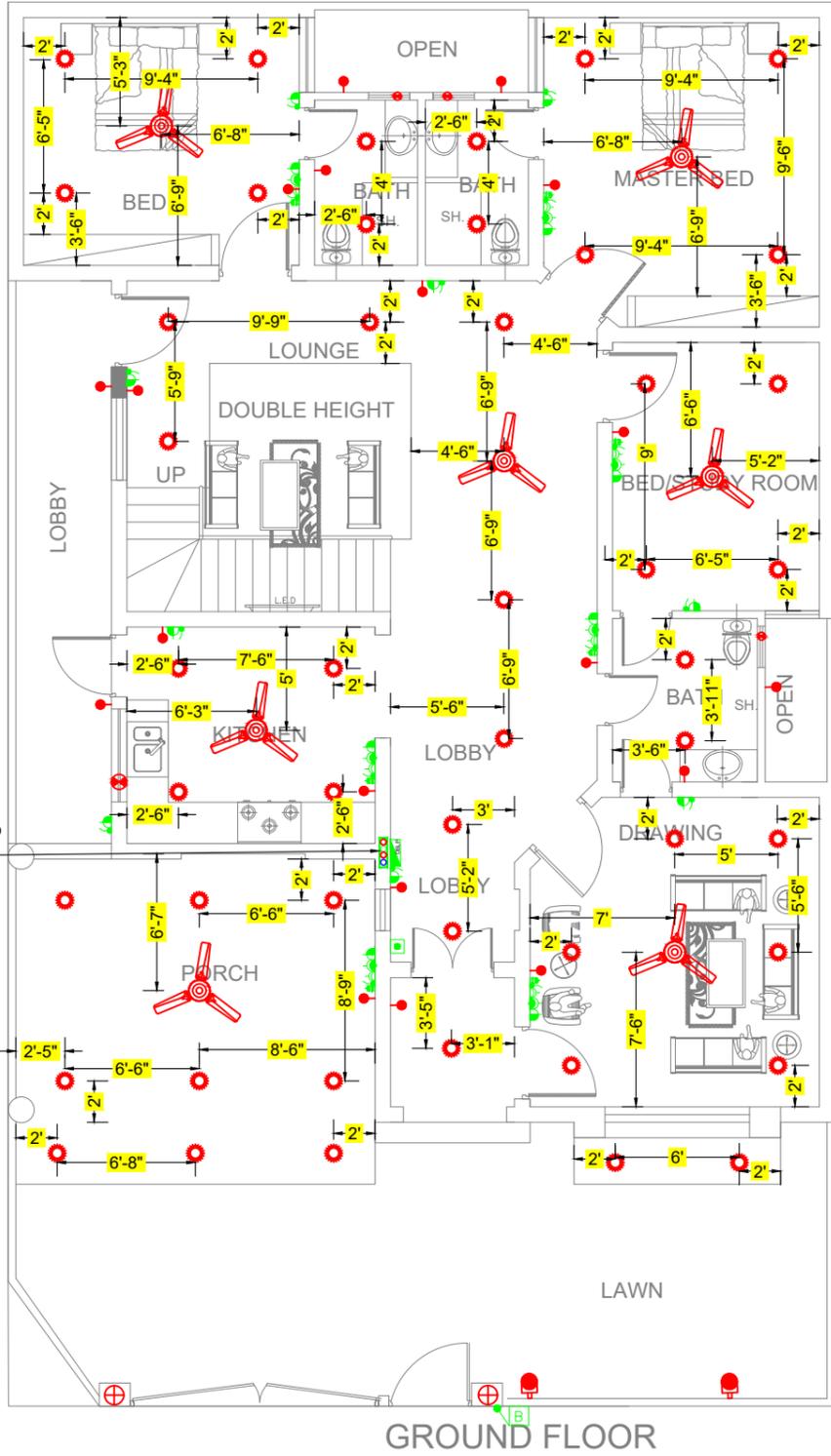
REVISIONS:

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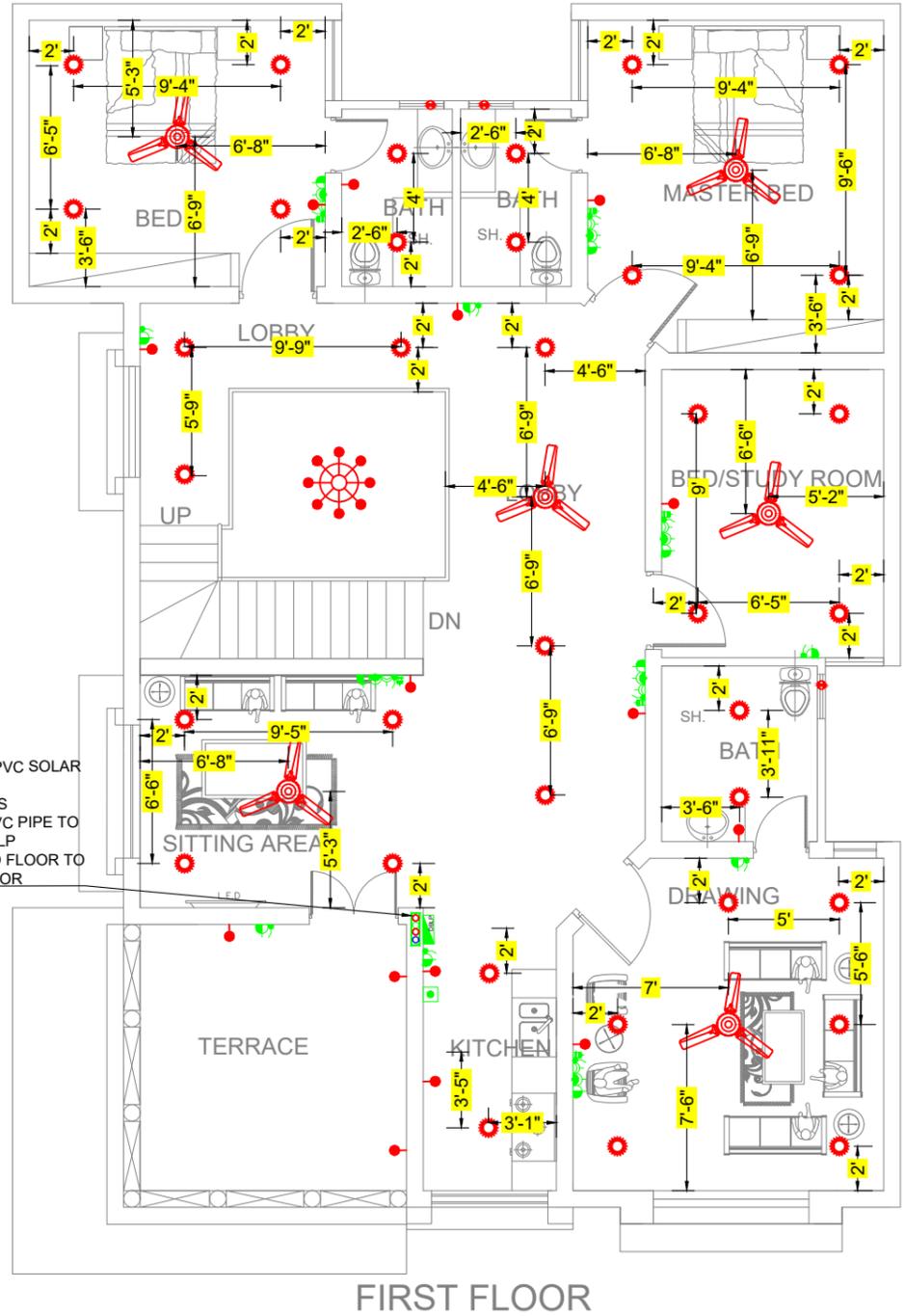
DATE:

02-12-2024

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



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:

SARGODAH.

OWNED BY:

M. ARSLAN

DRAWING TITLE:

ILLUMINATION LAYOUT GROUND &
1ST FLOOR

DRAWING NO:

04

DESIGNED BY:

WAZIR & SONS

DRAW BY:

WAZIR & SONS

SCALE:

NTS

REVISIONS:

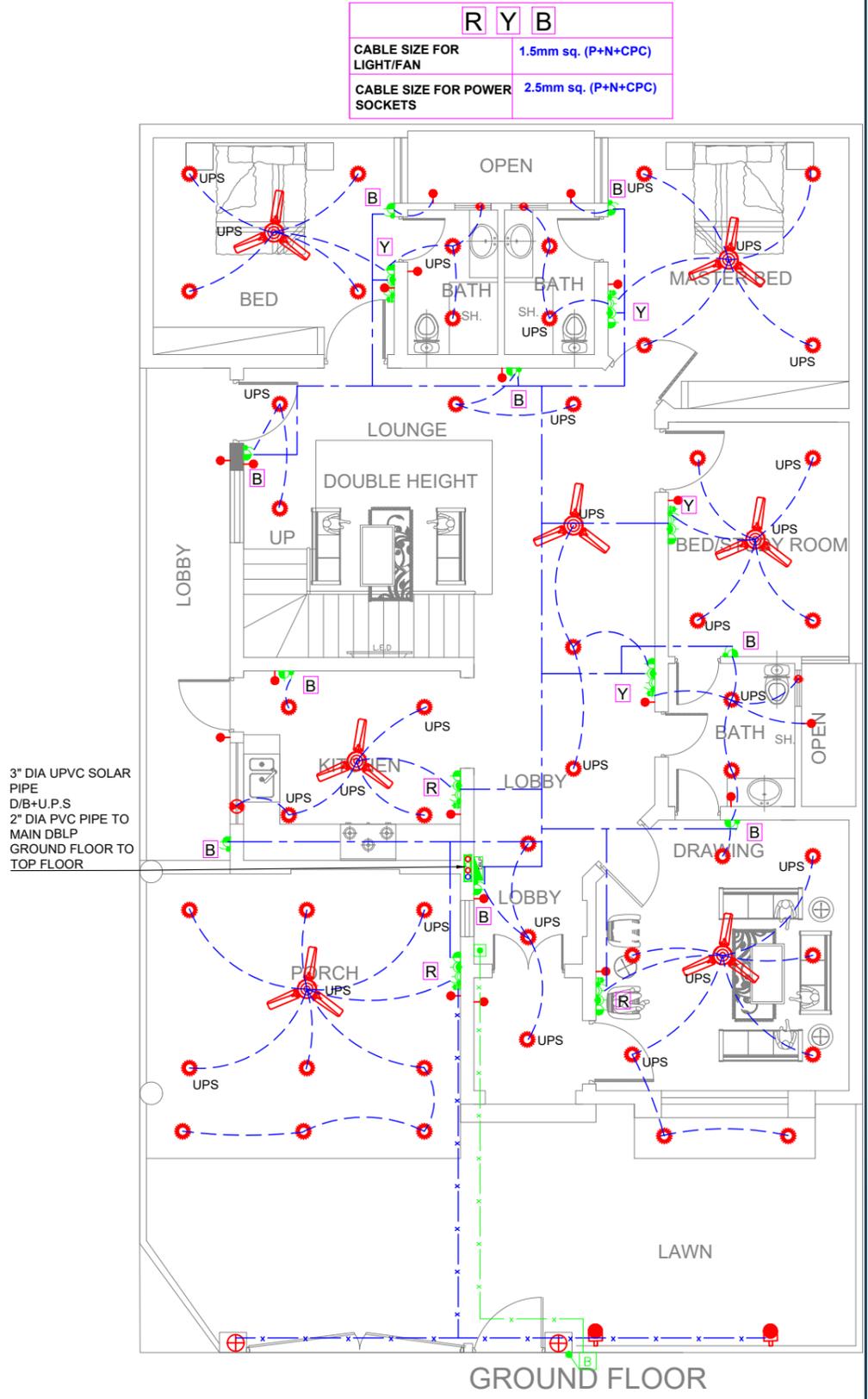
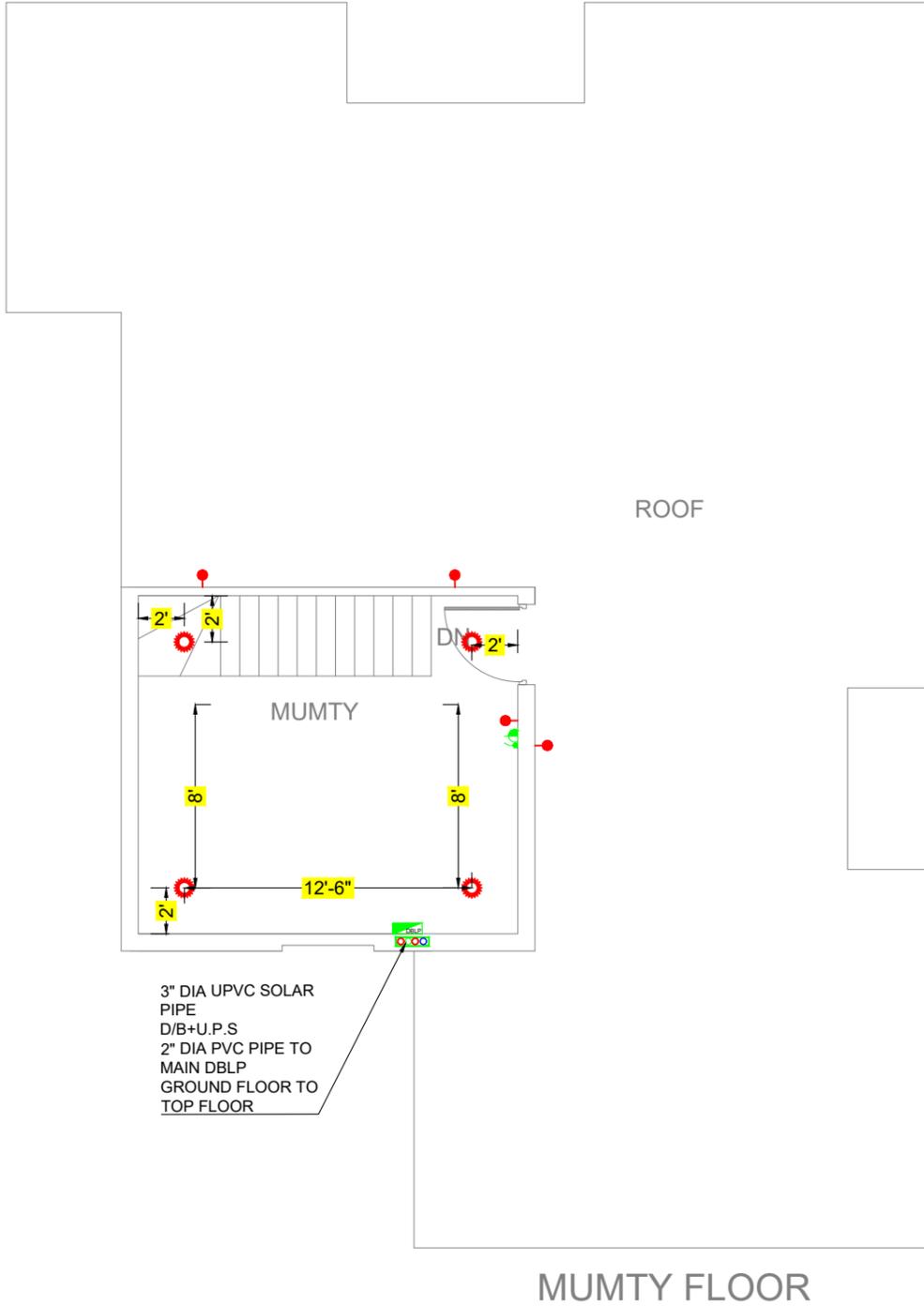
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DATE:

02-12-2024

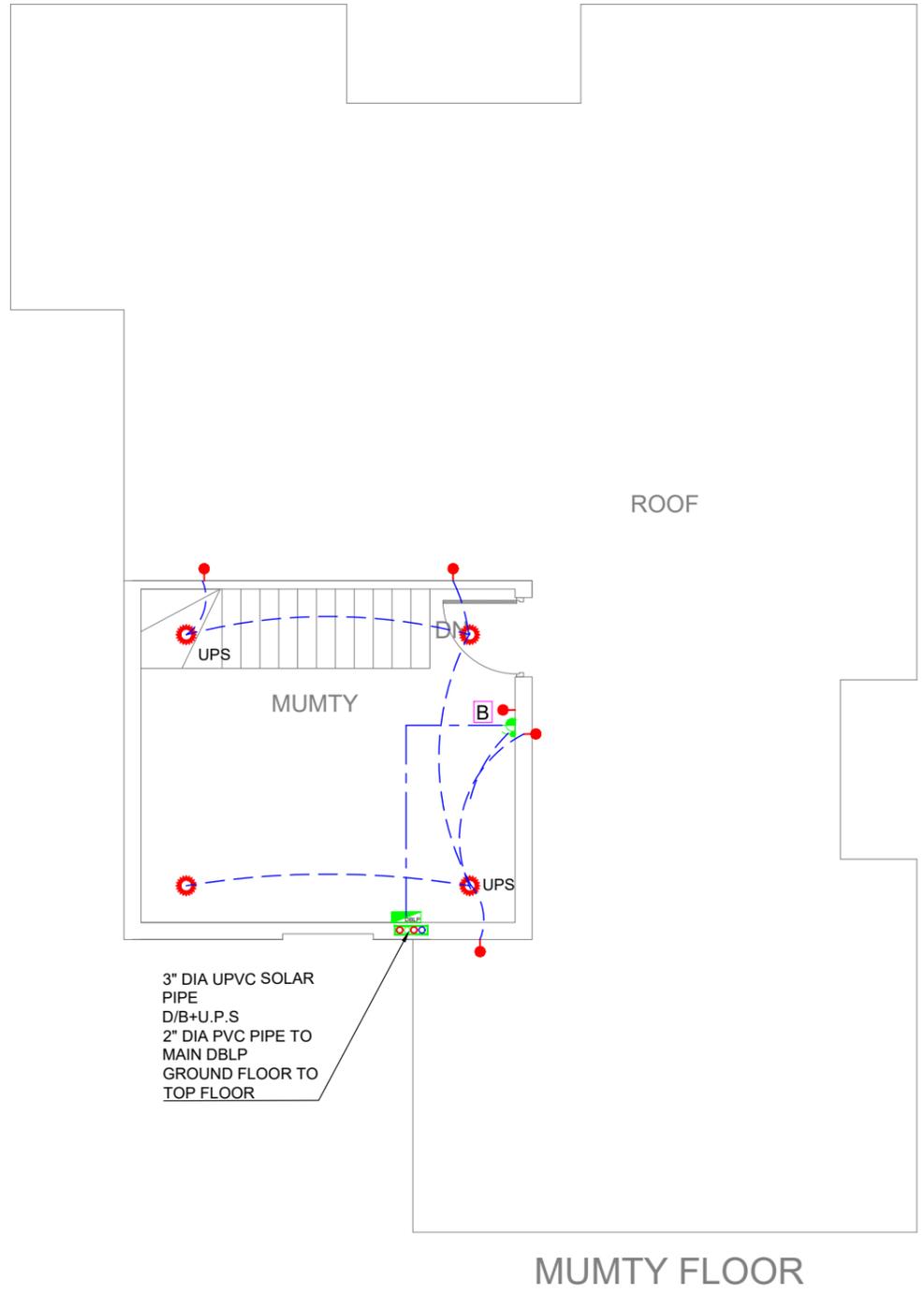
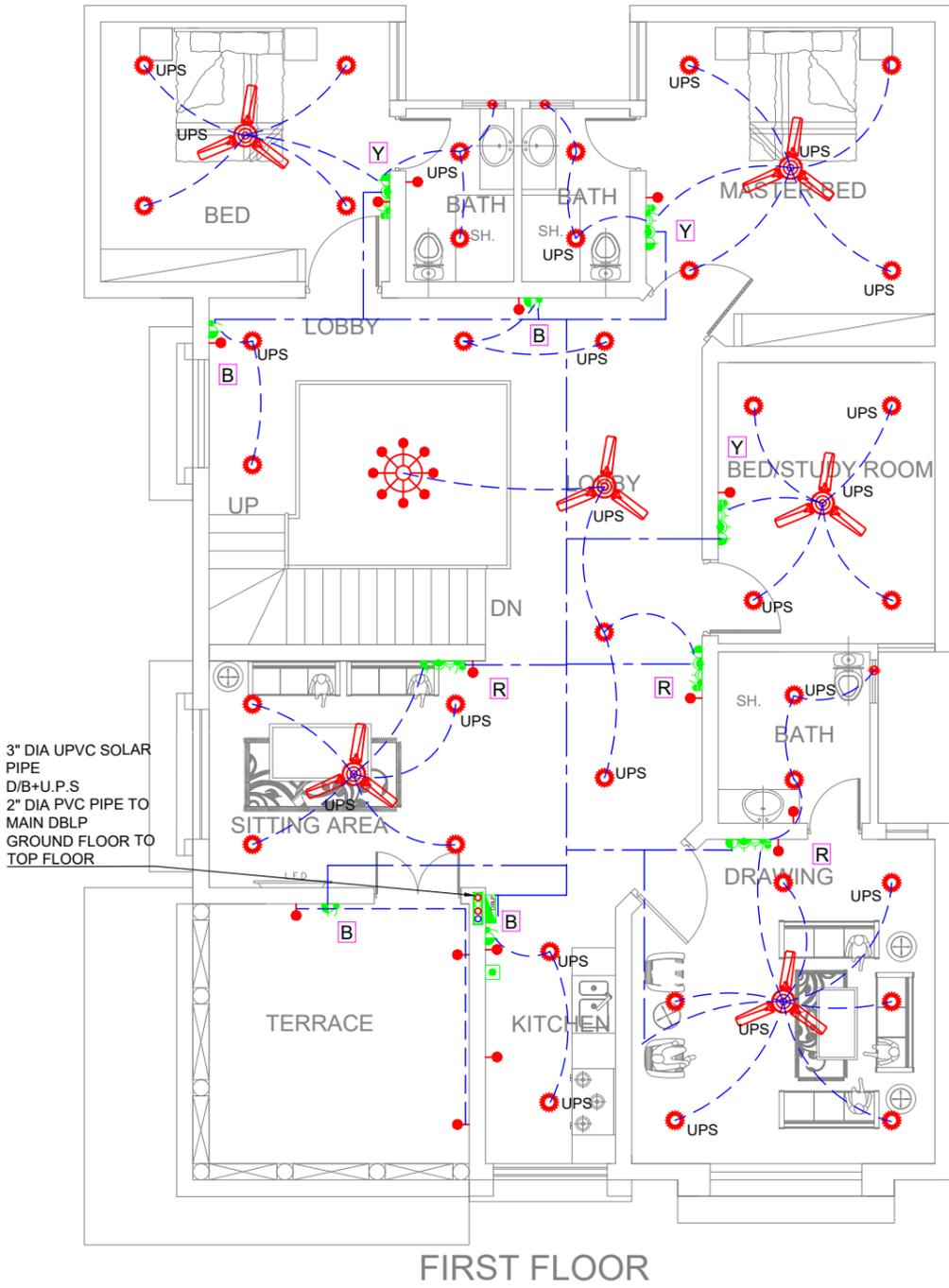
NOTS:

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



| | |
|------------------------------|---------------------|
| | 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) |

| | |
|------------------------------|---------------------|
| | 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) |



MEP CONSULTANT:

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PROJECT NAME:

SARGODAH.

OWNED BY:

M. ARSLAN

DRAWING TITLE:

WIRING & UPS POINT LAYOUT
 1ST & MUMTY FLOOR

DRAWING NO:

06

DESIGNED BY:

WAZIR & SONS

DRAW BY:

WAZIR & SONS

SCALE:

NTS

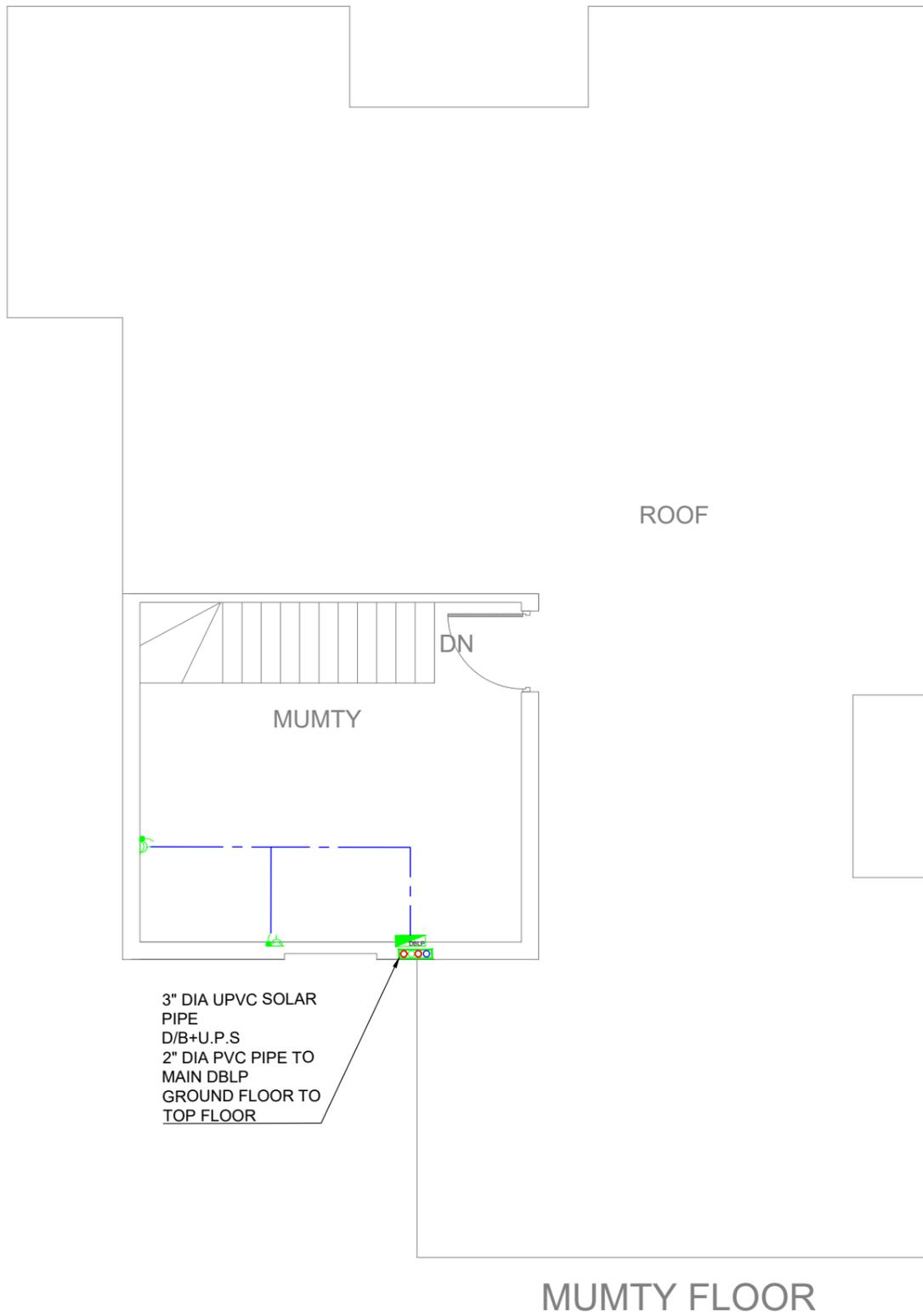
REVISIONS:

00

DATE:

02-12-2024

| | | |
|----|-------------------------------|---|
| 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) |



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:

SARGODAH.

OWNED BY:

M. ARSLAN

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:

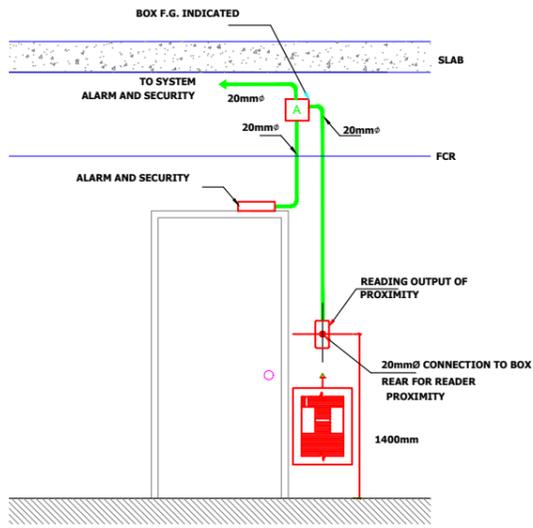
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DATE:

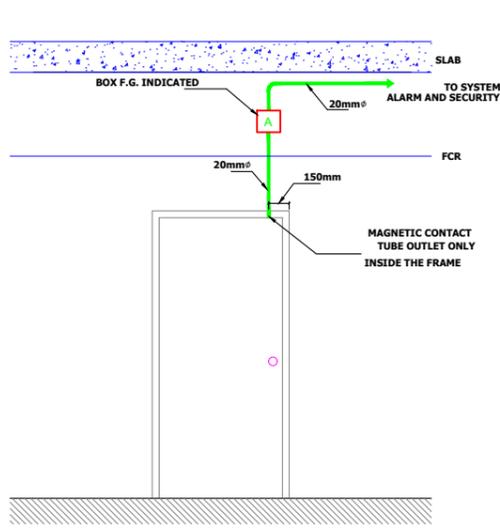
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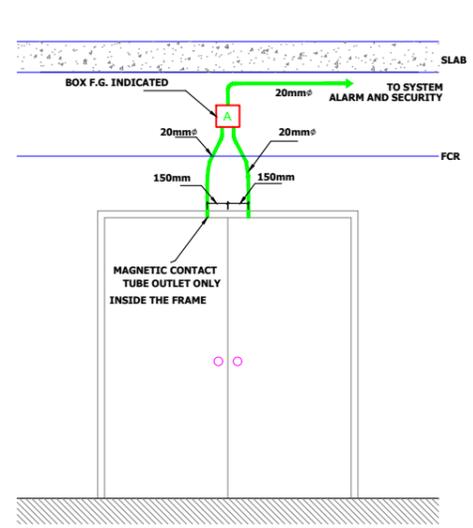
- 1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED.
- 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.



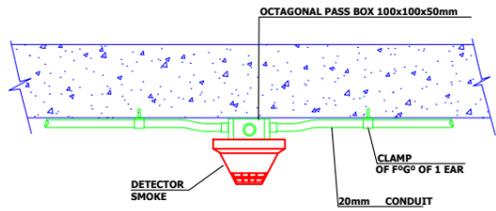
**ACCESS INSTALLATION DETAIL
DOOR WITH 1 LEAF**



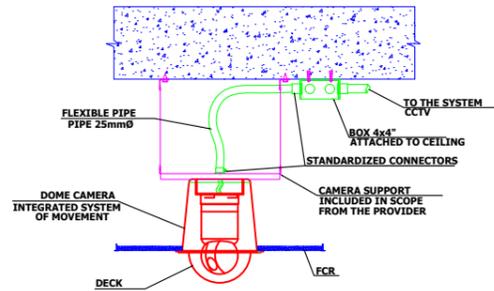
**INSTALLATION DETAIL ACCESS
DOOR WITH 1 LEAF**



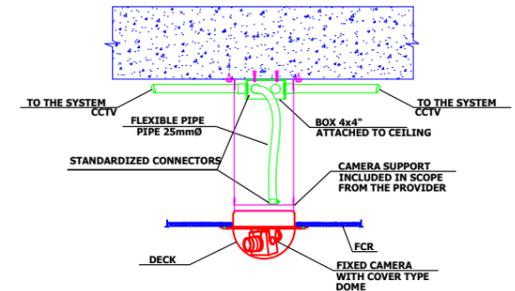
**INSTALLATION DETAIL ACCESS
DOOR WITH 2 LEAF**



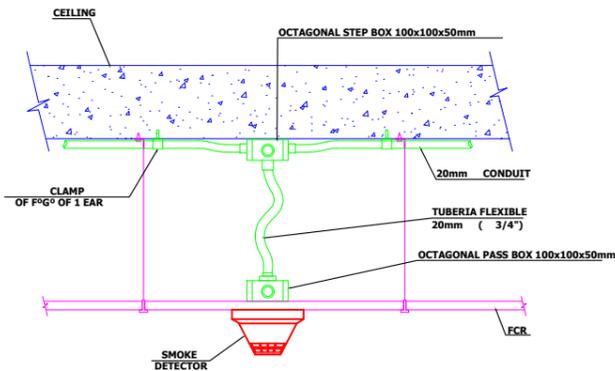
**INSTALLATION DETAIL OF
CEILING-MOUNTED SMOKE DETECTOR**



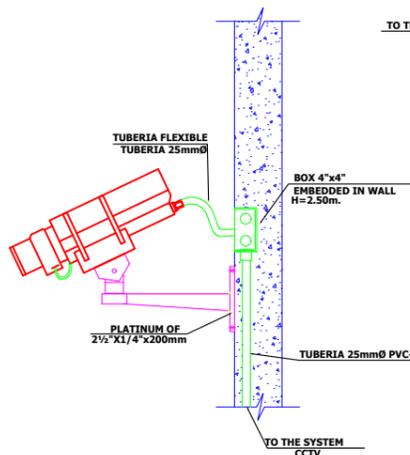
**DOMA CAMERA INSTALLATION
MOUNTED IN FALSE CEILING**



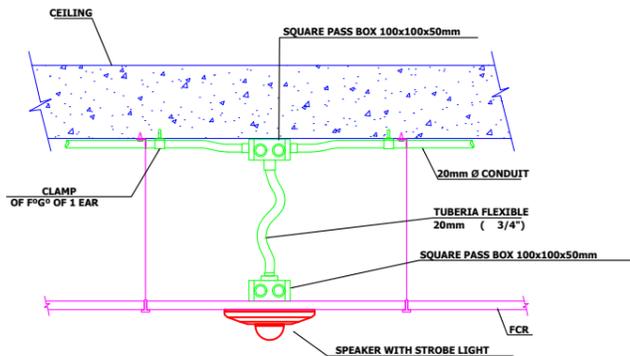
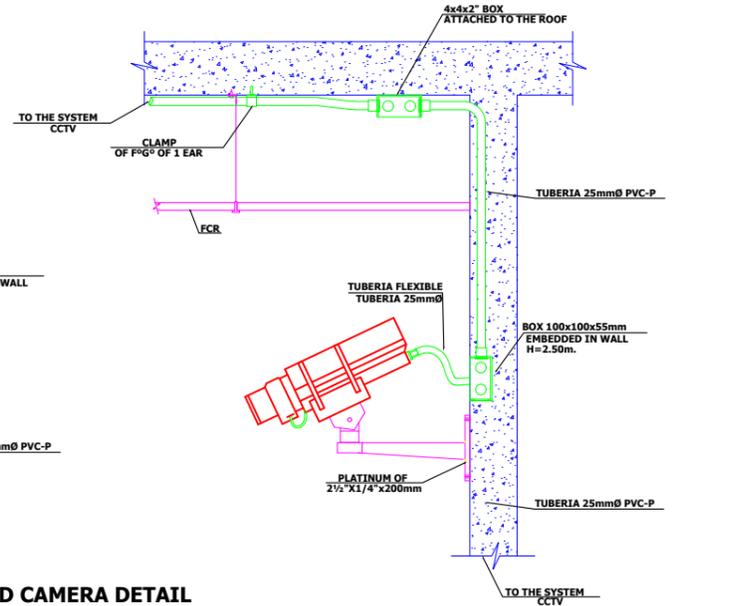
**FIXED CAMERA INSTALLATION WITH DOME COVER
MOUNTED IN FALSE CEILING**



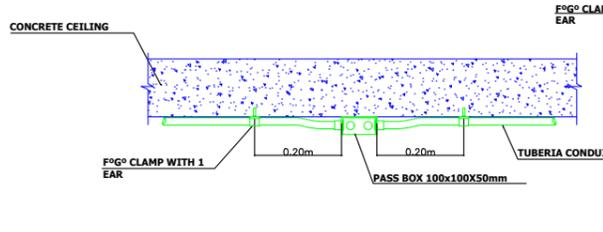
**INSTALLATION DETAIL OF
SMOKE DETECTOR IN FALSE CEILING
TEMPERATURE DETECTOR IN FALSE CEILING**



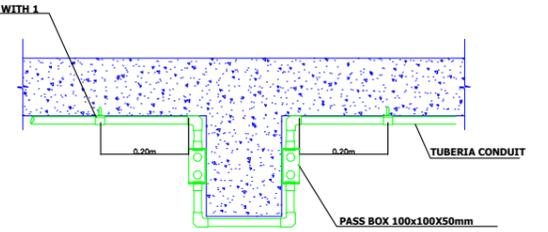
**FIXED CAMERA DETAIL
WALL MOUNTED**



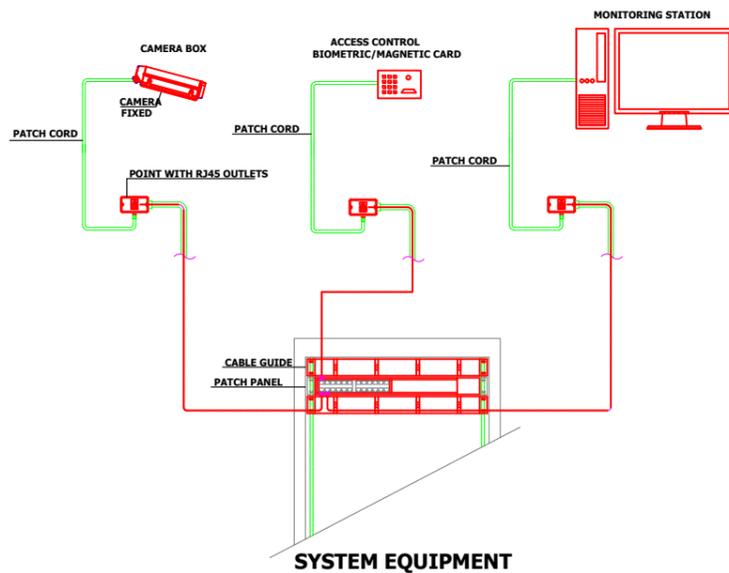
**INSTALLATION DETAIL OF
SPEAKER WITH STROBE LIGHT IN FALSE HEAVEN**



CONNECTION OF SEMI-DETACHED PIPES



CONNECTION OF ATTACHED PIPES BY BEAM



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PROJECT NAME:

SARGODAH.

OWNED BY:

M. ARSLAN

DRAWING TITLE:

TYPICAL CAMERA INSTALLATION
DETAIL

DRAWING NO:

10

DESIGNED BY:

WAZIR & SONS

DRAW BY:

WAZIR & SONS

SCALE:

NTS

REVISIONS:

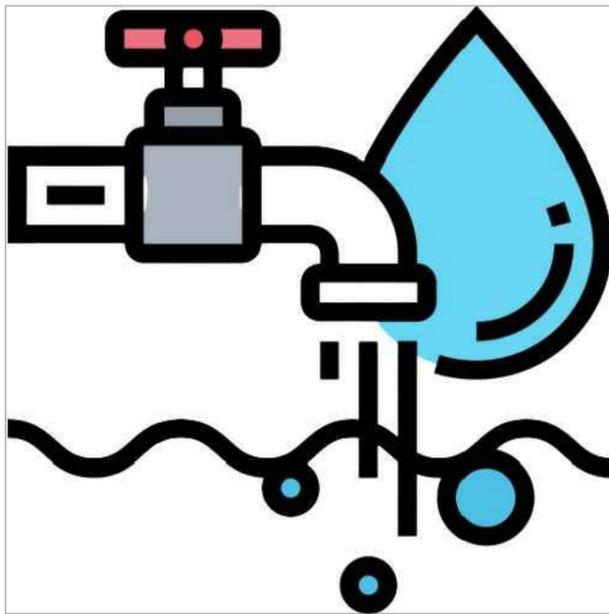
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DATE:

02-12-2024

PUBLIC HEALTH DRAWINGS TITLE

PROPOSED
RESIDENTIAL PLAN
AT SARGODAH.



WATER SUPPLY & SEWERAGE
DRAWINGS



MEP CONSULTANT:

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PROJECT NAME:

SARGODAH

OWNED BY:

M ARSLAN.

DRAWING TITLE:

TITLE PAGE

DRAWING NO:

00

DESIGNED BY:

WAZIR & SONS

DRAW BY:

WAZIR & SONS

SCALE:

NTS

NORTH:

DATE:

02-12-2024

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 | MEP CONSULTANT: WAZIR & SONS <small>+92 3084343942 http://www.wazirandsons.pk wazirandsonspk@gmail.com Sector-C Commercial Bahria Town Lahore.</small> | PROJECT NAME: SARGODAH | OWNED BY: M ARSLAN. | DRAWING TITLE: DRAWING LIST | DESIGNED BY: WAZIR & SONS | |
| | NOTS: 1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED. 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES. | | DRAWING NO: 01 | DRAW BY: WAZIR & SONS | | |
| | | | | SCALE: NTS | DATE: 02-12-2024 | |
| | | | | | | |

- 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 TRAF02-12-2024C 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 TRAF02-12-2024C 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 02-12-2024TTINGS SHALL BE USED.
- FOR DRAINAGE SYSTEM PVC NON-PRESSURE PIPES AND 02-12-2024TTINGS CLASS-B, SHALL BE USED.

PLUMBING LEGENDS

| SYMBOLS | | DESCRIPTION | 02-12-2024TTING & VALUES | | SYMBOL'S DESCRIPTION | |
|---------|-----|------------------------------|----------------------------|------------------|------------------------------|-------------------------------|
| | SP | SOIL WATER PIPE | | GATE VALUE | MU | MAKE UP PIPE |
| | WP | WASTE WATER PIPE | | FLOAT VALUE | F/A | FROM ABOVE |
| | MP | MAIN WATER PIPE | | STRAINER | F/B | FROM BELOW |
| | FD | FLOOR DRAIN | | AIR RELIEF VALVE | T/A | TO ABOVE |
| | COP | CLEAN OUT PLUG ABOVE CEILING | | CHECK VALVE | T/B | TO BELOW |
| | MH | MAIN HOLE | | BOOSTER PUMP | WATER SUPPLY PIPE DIA | |
| | KH | KHURA | | SUBMERSIBLE PUMP | OUTER DIA (mm) | INTERNAL DIA (mm) INCH |
| | CW | COLD WATER PIPE | SEWERAGE PIPE SLOPE | | 20 | 13.2 0.52 |
| | HW | HOT WATER PIPE | PIPE DIA (INCH) | SLOPE | 25 | 16.4 0.65 |
| | EG | ELECTRIC GEYSER | 3" | 1:75 | 32 | 21.2 0.83 |
| | GG | GAS GEYSER | 4" | 1:100 | 40 | 26.6 1.05 |
| | BSP | BOOSTER PUMP | 6" | 1:150 | 50 | 33.2 1.31 |
| | SMP | SUBMERSIBLE PUMP | 8" | 1:175 | 63 | 42 1.65 |
| | D.P | AC DRAIN PIPE | 9" | 1:200 | 75 | 50 1.97 |
| | | | | | 90 | 60 2.36 |
| | | | | | 110 | 73.2 2.88 |



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



PROJECT NAME:

SARGODAH

OWNED BY:

M ARSLAN.

DRAWING TITLE:

LEGENDS

DRAWING NO:

02

DESIGNED BY:

WAZIR & SONS

DRAW BY:

WAZIR & SONS

SCALE:

NTS

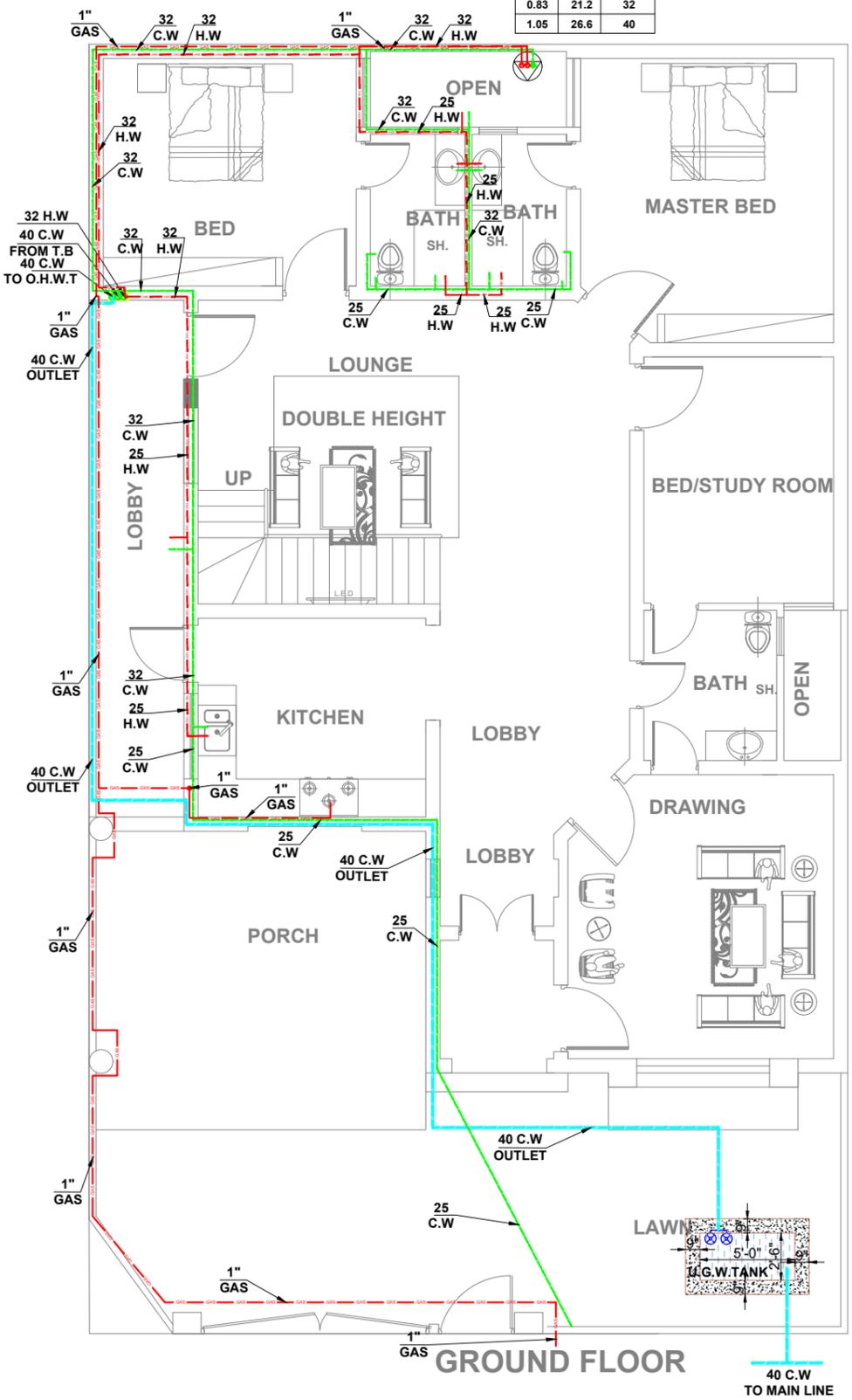
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02-12-2024

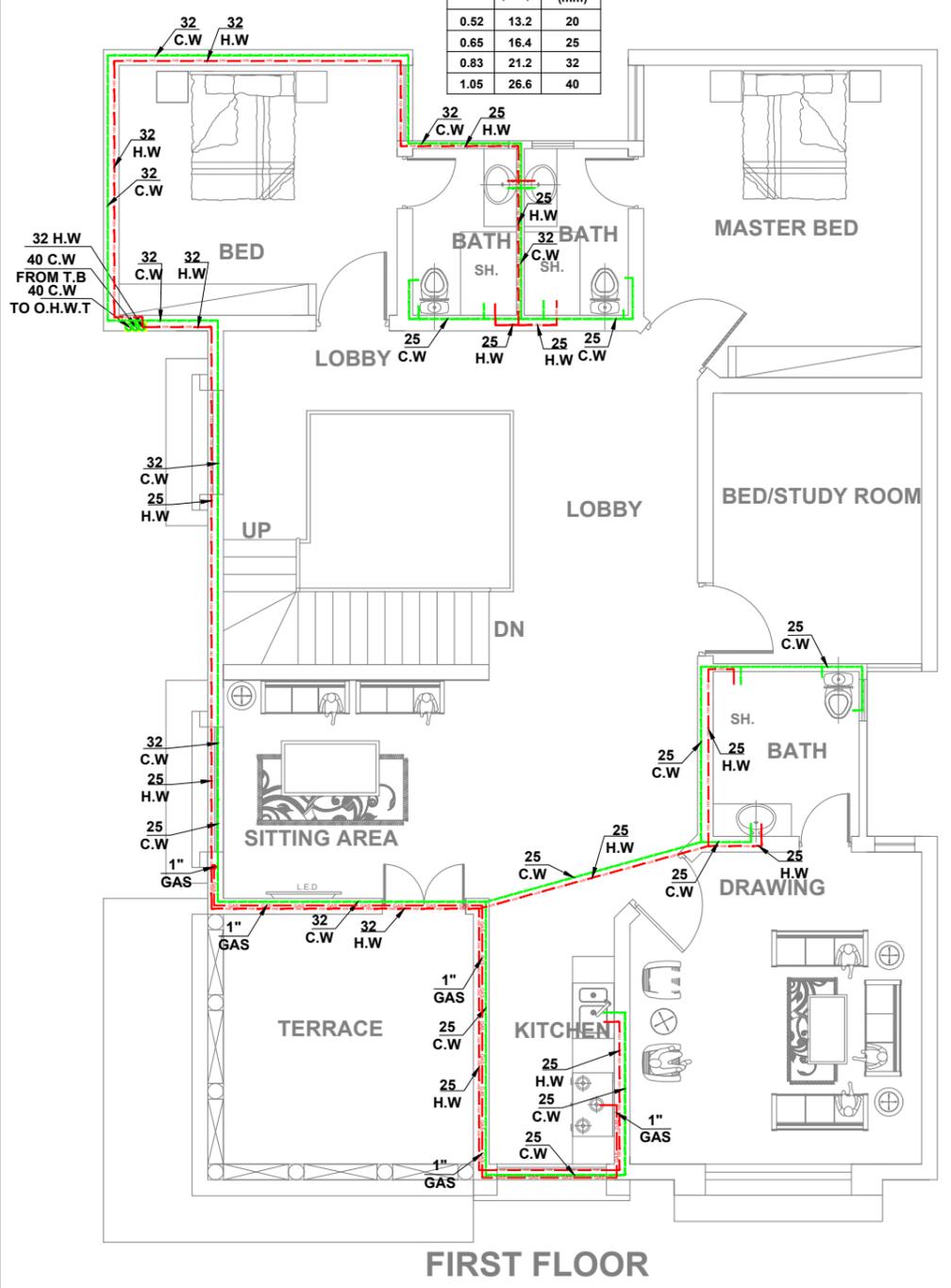
WATER SUPPLY PIPE DIA

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



WATER SUPPLY PIPE DIA

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



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PROJECT NAME:
SARGODAH

OWNED BY:
M ARSLAN.

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

DRAWING TITLE:
GROUND & 1ST FLOOR WATER SUPPLY PLAN

DRAWING NO:
03

DESIGNED BY:
WAZIR & SONS

DRAW BY:
WAZIR & SONS

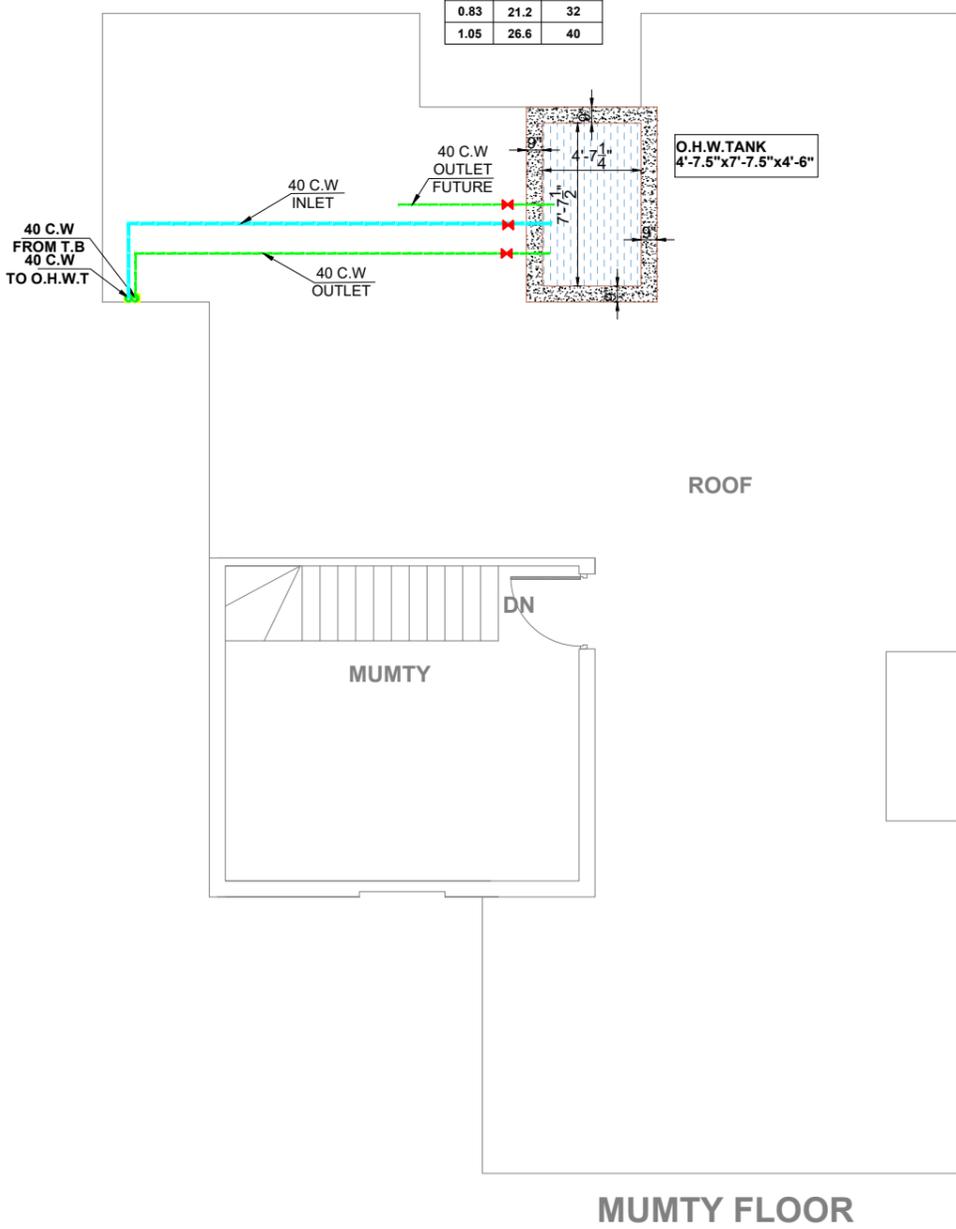
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NTS

NORTH:

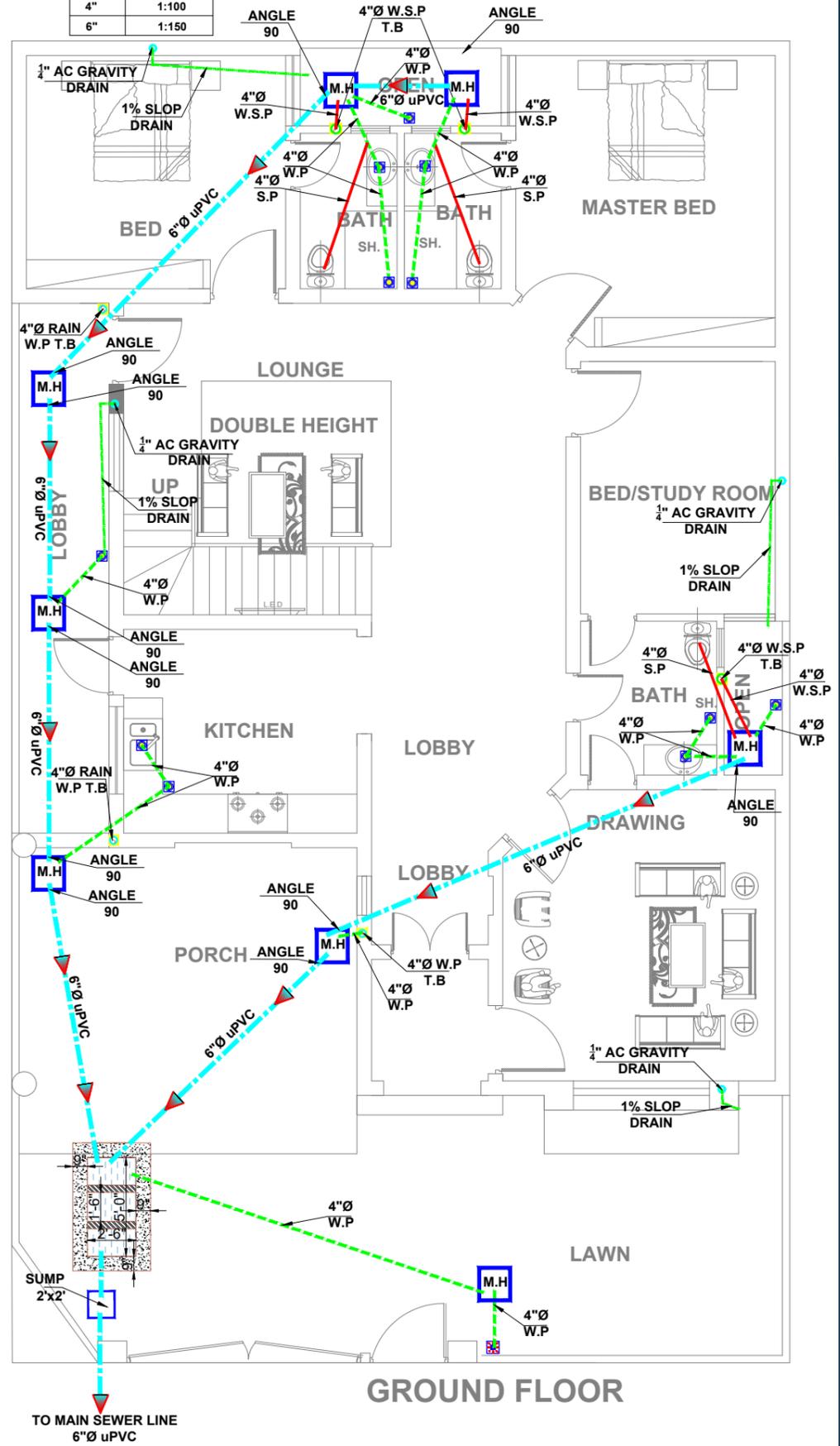
DATE:
02-12-2024

WATER SUPPLY PIPE DIA

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



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



MEP CONSULTANT:

WAZIR & SONS

+92 3084343942
<http://www.wazirandsons.pk>
 wazirandsonspk@gmail.com
 Sector-C Commercial Bahria Town Lahore.

PROJECT NAME:

SARGODAH

OWNED BY:

M ARSLAN.

DRAWING TITLE:

MUMTY FLOOR WATER
 SUPPLY PLAN
 GROUND FLOOR SEWERAGE
 DRAIN PLAN

DRAWING NO:

04

DESIGNED BY:

WAZIR & SONS

DRAW BY:

WAZIR & SONS

SCALE:

NTS

NORTH:

DATE:

02-12-2024

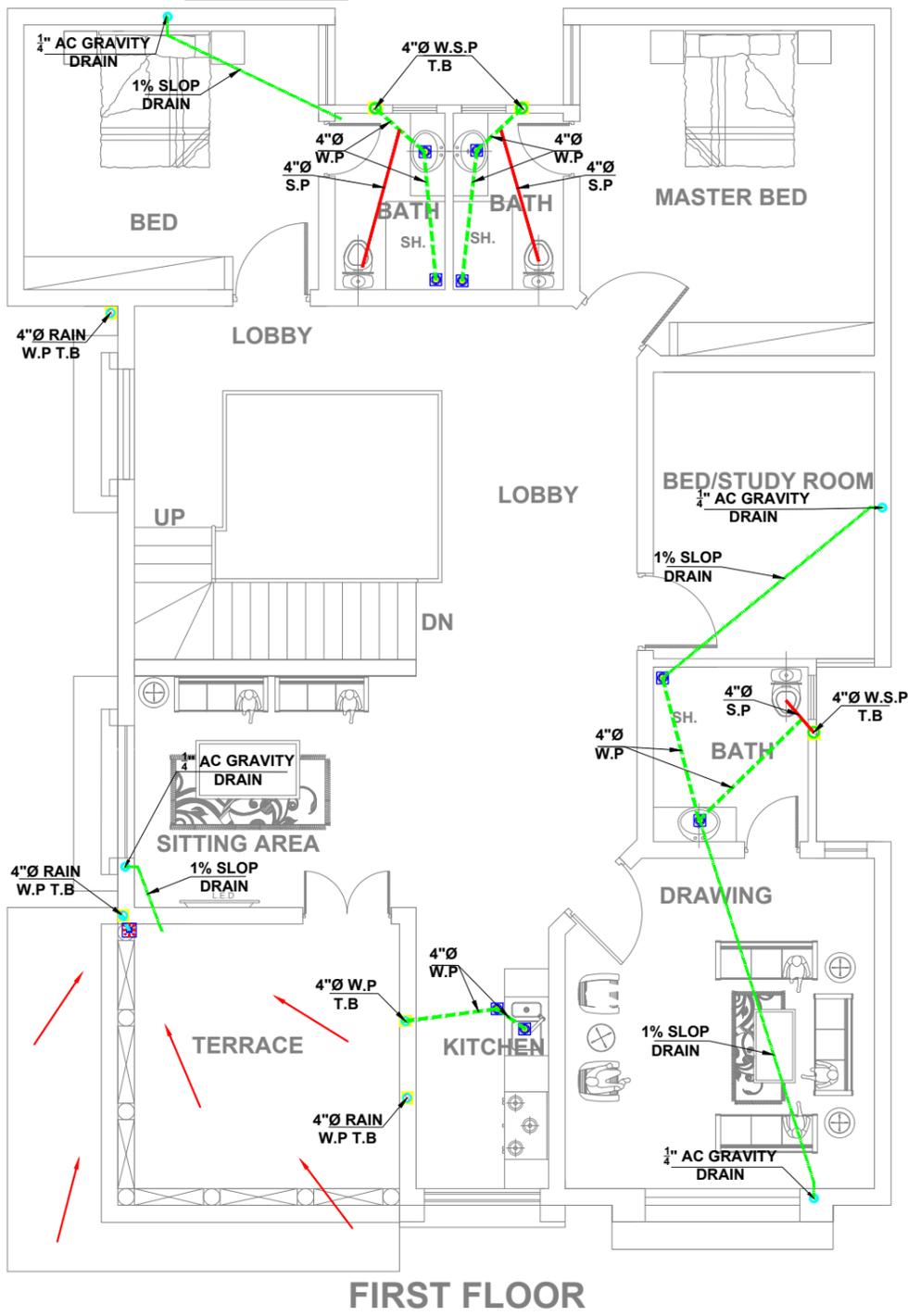
NOTS:

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



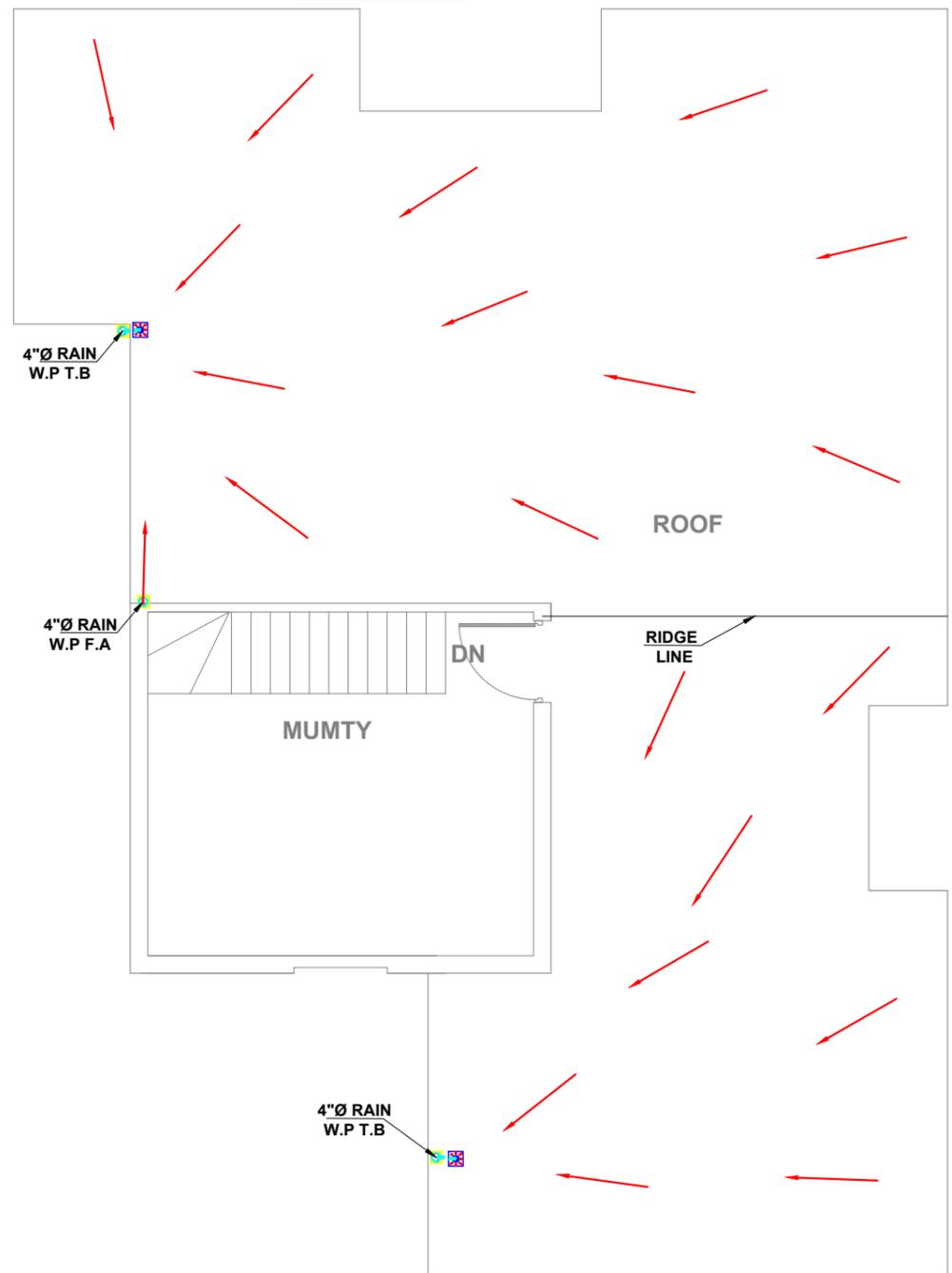
**WAZIR
 AND SONS**

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



FIRST FLOOR

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



MUMTY FLOOR



MEP CONSULTANT:

WAZIR & SONS

+92 3084343942
<http://www.wazirandsons.pk>
wazirandsonspk@gmail.com
 Sector-C Commercial Bahria Town Lahore.



PROJECT NAME:

SARGODAH

OWNED BY:

M ARSLAN.

DRAWING TITLE:

1ST & MUMTY FLOOR SEWERAGE
 DRAIN PLAN

DRAWING NO:

05

DESIGNED BY:

WAZIR & SONS

DRAW BY:

WAZIR & SONS

SCALE:

NTS

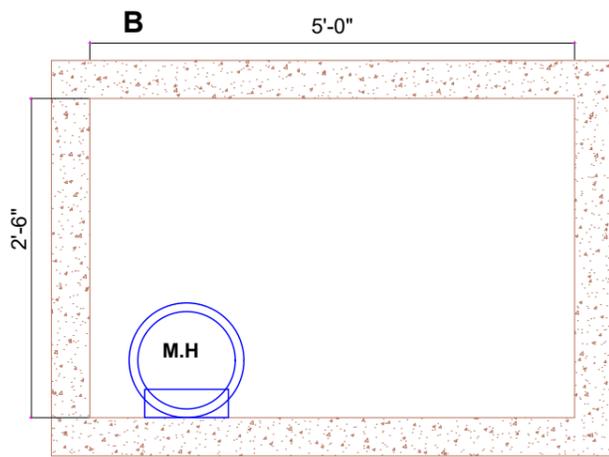
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DATE:

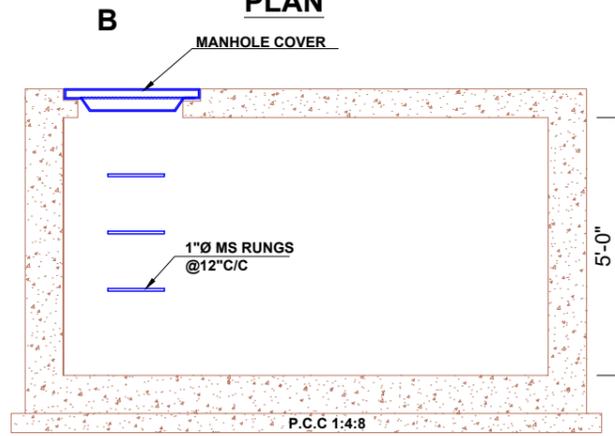
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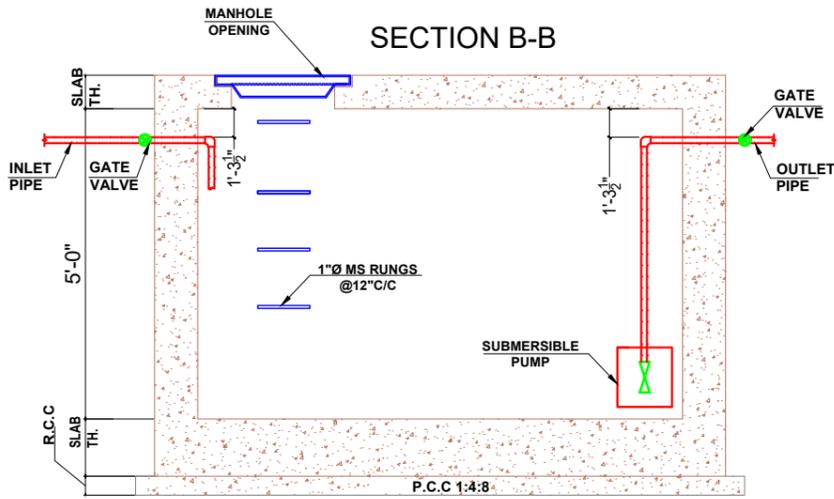
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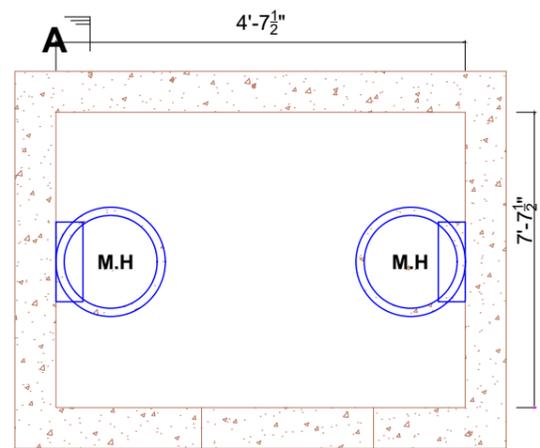
PLAN



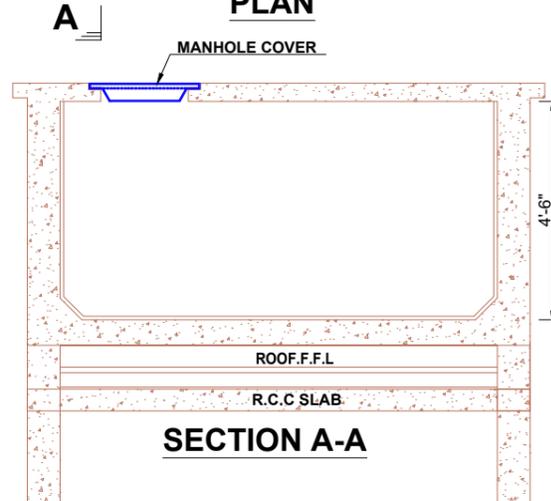
SECTION B-B



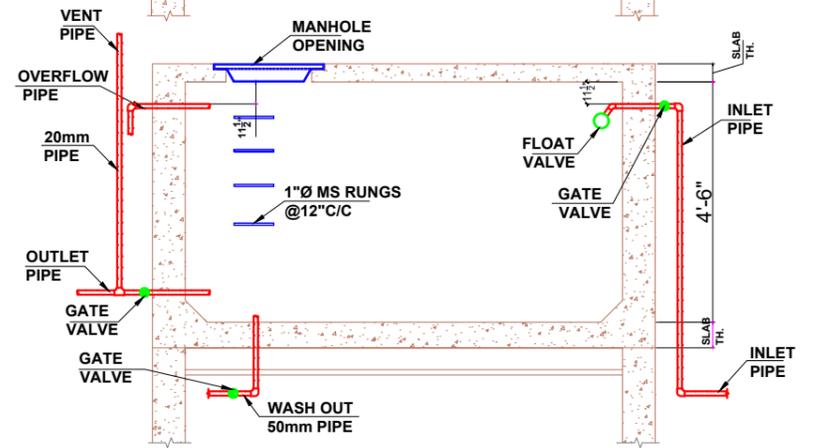
TYP. UNDER GROUND WATER TANK PIPE DETAIL



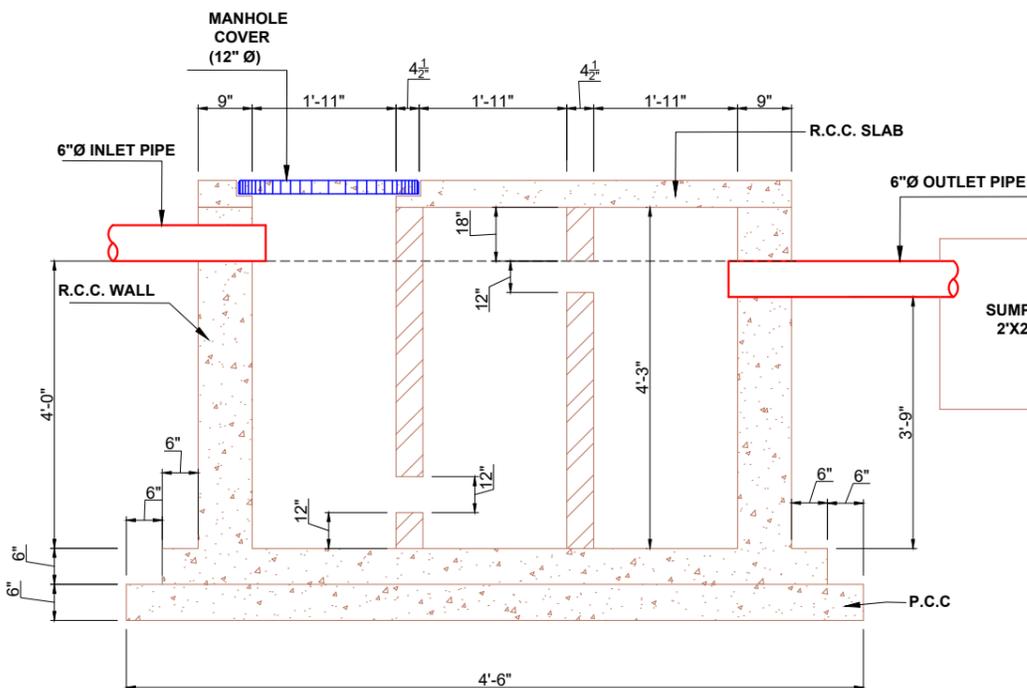
PLAN



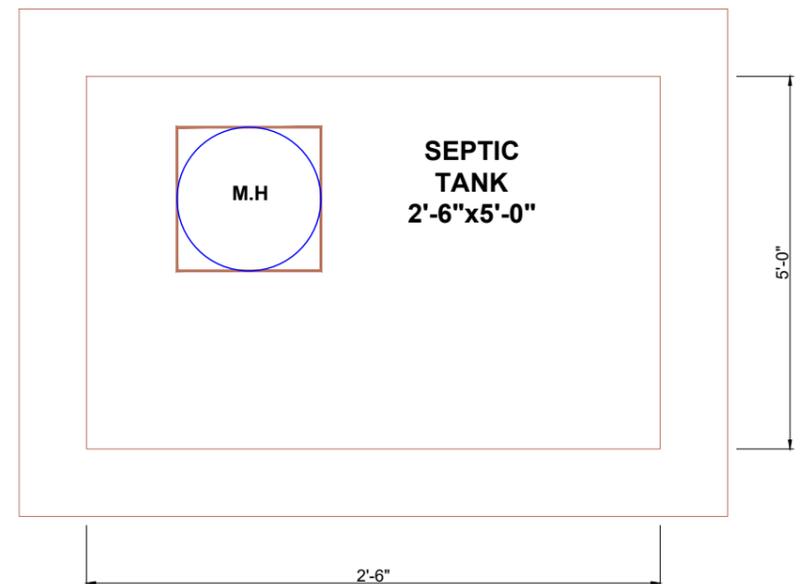
SECTION A-A



TYP. OVER HEAD WATER TANK PIPE DETAIL

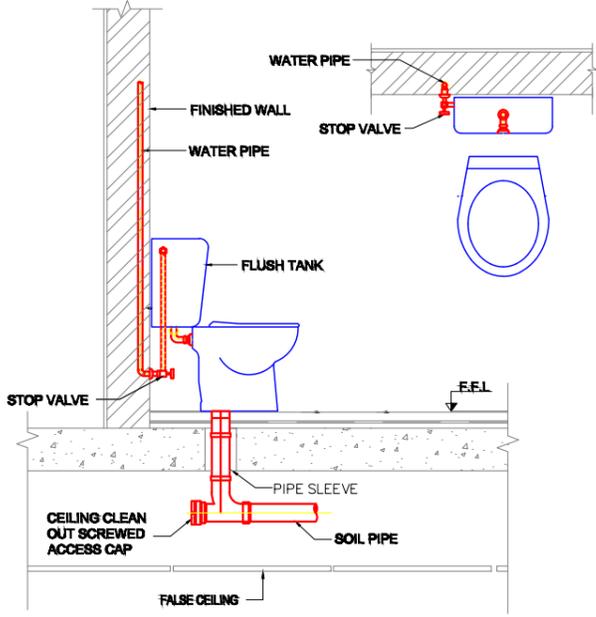


SEPTIC TANK PIPE DETAIL

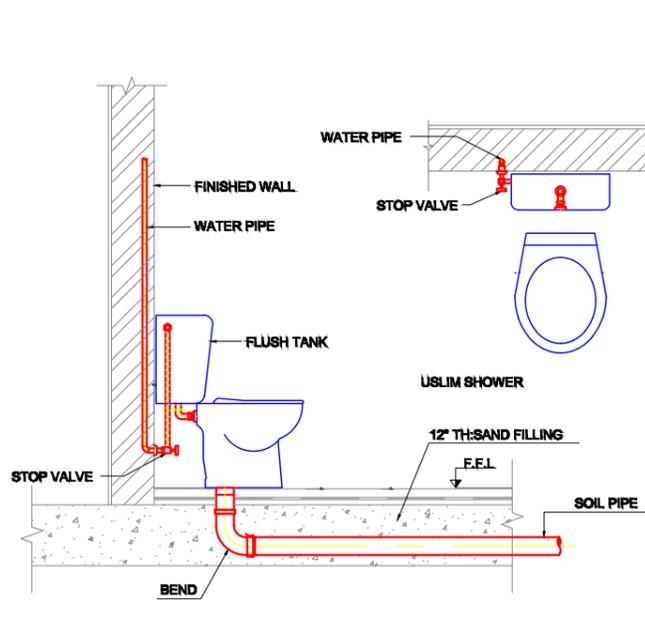


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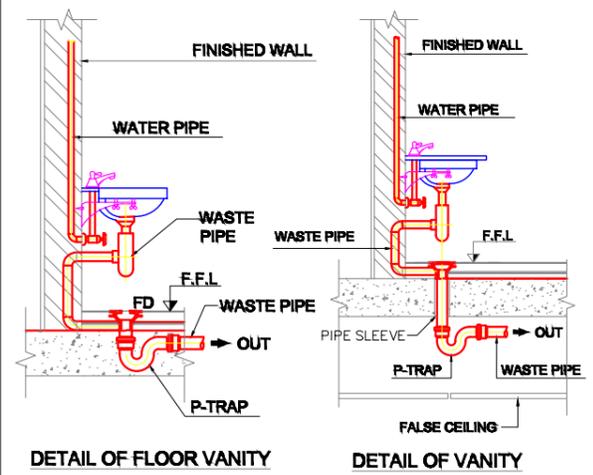
| | | | | | | |
|---|---|---|--|--|--|----------------------|
|  <p>WAZIR AND SONS</p> <p>+92 3084343942 http://www.wazirandsons.pk wazirandsonspk@gmail.com Sector-C Commercial Bahria Town Lahore.</p> | <p>MEP CONSULTANT:</p> <p>WAZIR & SONS</p> | <p>PROJECT NAME:</p> <p>SARGODAH</p> | <p>OWNED BY:</p> <p>M ARSLAN.</p> | <p>DRAWING TITLE:</p> <p>TANKS DETAIL</p> | <p>DESIGNED BY:</p> <p>WAZIR & SONS</p> | <p>NORTH:</p> |
| | <p>NOTS:</p> <p>1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED. 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.</p> | <p>DRAWING NO:</p> <p>06</p> | <p>DRAW BY:</p> <p>WAZIR & SONS</p> | <p>SCALE:</p> <p>NTS</p> | <p>DATE:</p> <p>02-12-2024</p> | |



DETAIL OF ENGLISH WATER CLOSET (FLAT SLAB)

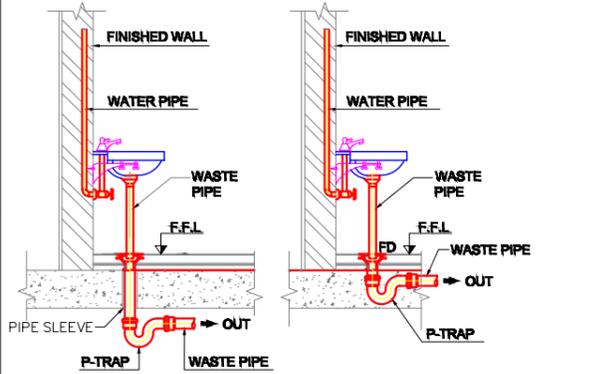


DETAIL OF ENGLISH WATER CLOSET (SUNKEN SLAB)



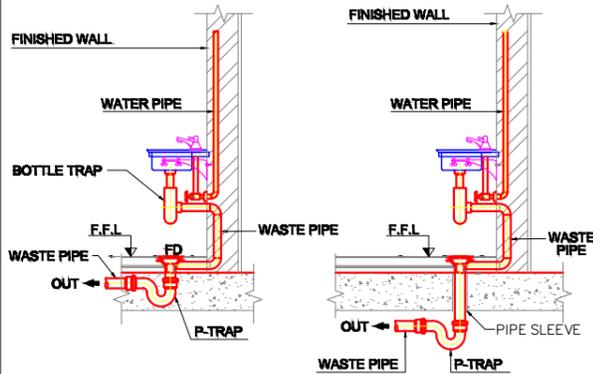
DETAIL OF FLOOR VANITY

DETAIL OF VANITY



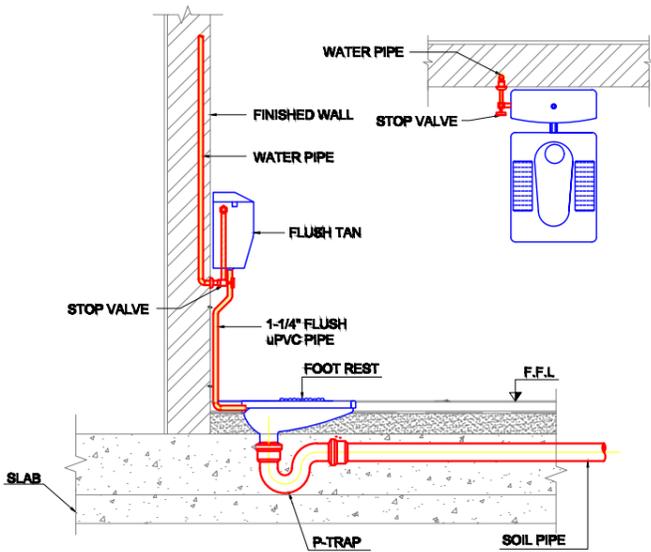
DETAIL OF WASH BASIN

DETAIL OF FLOOR WASH BASIN

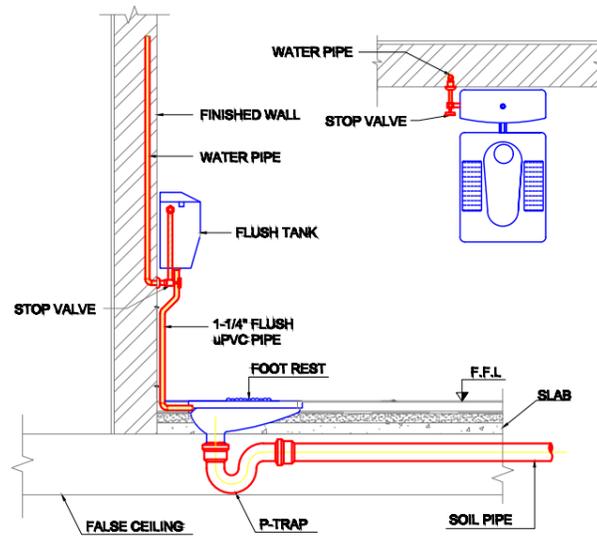


DETAIL OF FLOOR KITCHEN SINK

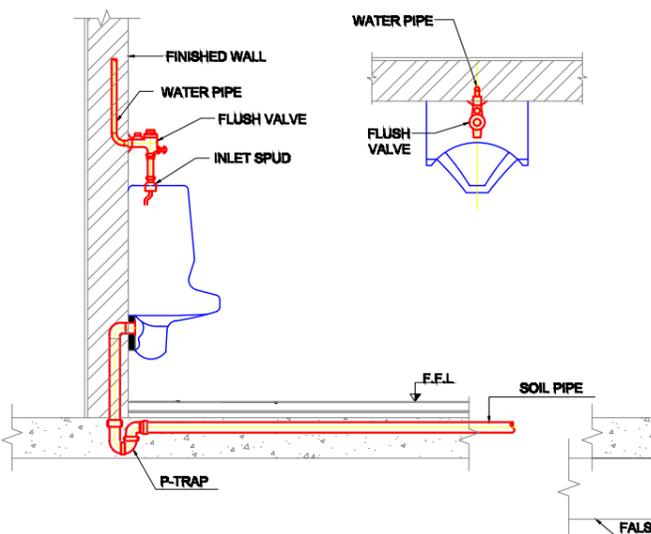
DETAIL OF KITCHEN SINK



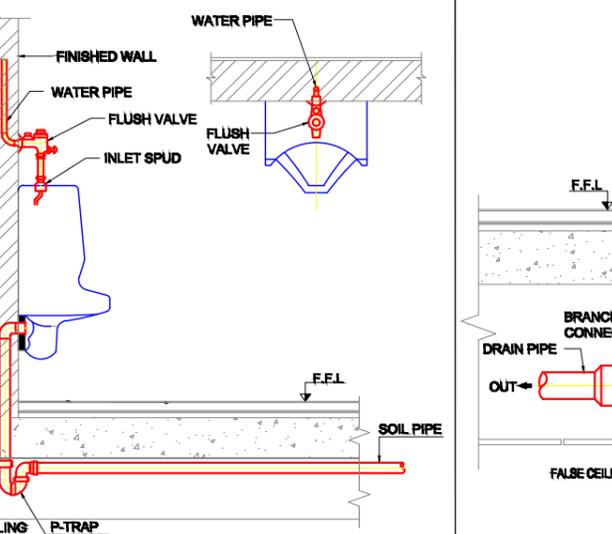
DETAIL OF INDIAN WATER CLOSET (SUNKEN SLAB)



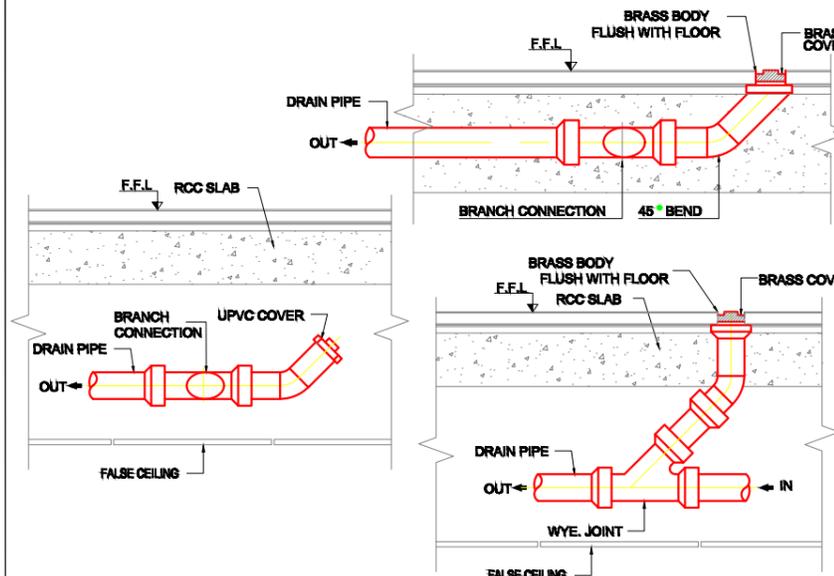
DETAIL OF INDIAN WATER CLOSET (FLAT SLAB)



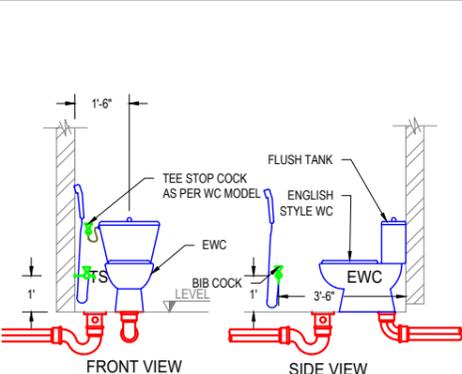
DETAIL OF WALL HANG URINAL (SUNKEN SLAB)



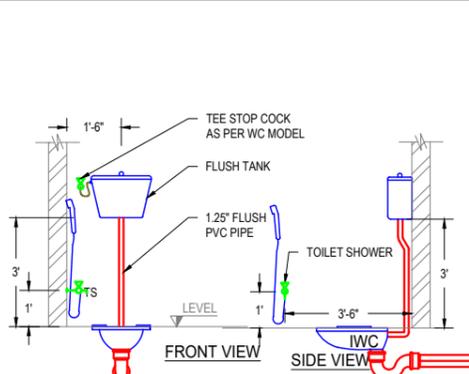
DETAIL OF WALL HANG URINAL (FLAT SLAB)



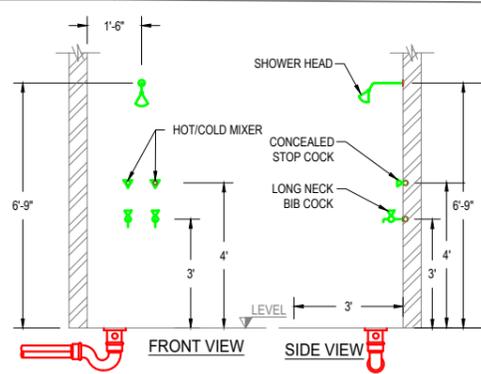
CLEAN OUT PLUG DETAIL



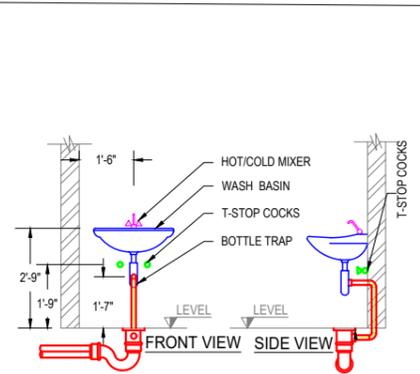
STANDARD 02-12-2024XING DIMENSIONS OF ENGLISH STYLE WATER CLOSET, (EWC)



STANDARD 02-12-2024XING DETAIL OF INDIAN STYLE WATER CLOSET, (IWC)



STANDARD 02-12-2024XING DETAILS OF SHOWER WITH FLOOR TRAP



STANDARD 02-12-2024XING DIMENSION OF WASH BASIN WITH BOTTLE TRAP



MEP CONSULTANT:

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Sector-C Commercial Bahria Town Lahore.



PROJECT NAME:

SARGODAH

OWNED BY:

M ARSLAN.

DRAWING TITLE:

BATHROOM INSTALLATION
DETAIL

DRAWING NO:

07

DESIGNED BY:

WAZIR & SONS

DRAW BY:

WAZIR & SONS

SCALE:

NTS

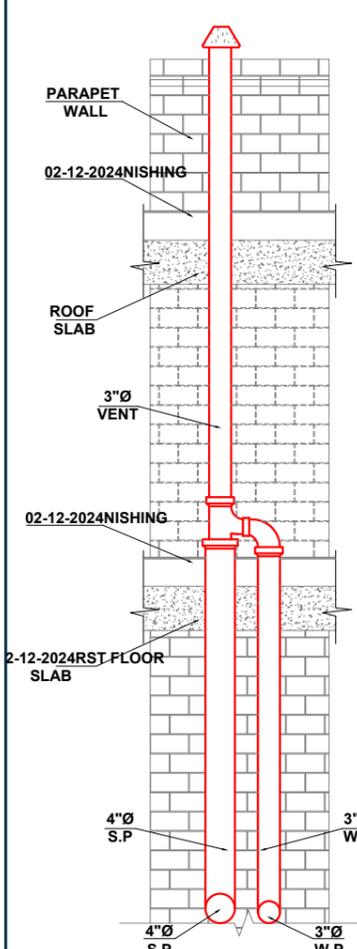
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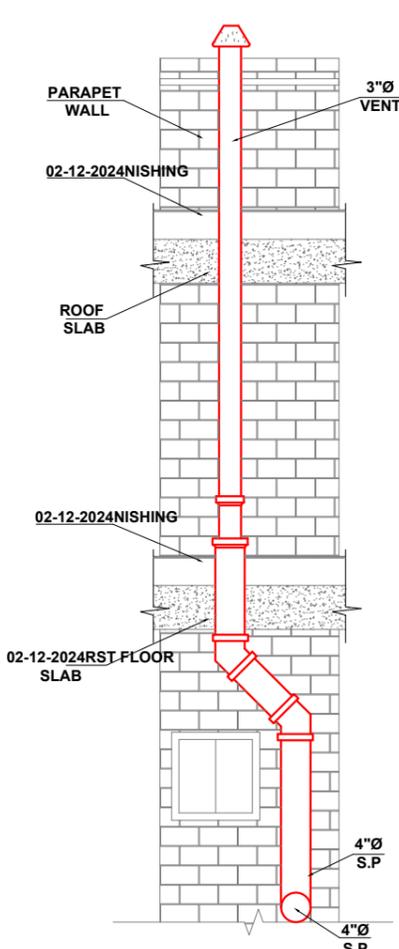
02-12-2024

NOTS:

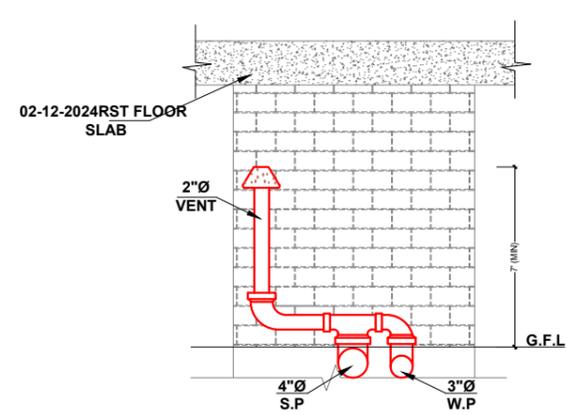
- 1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED.
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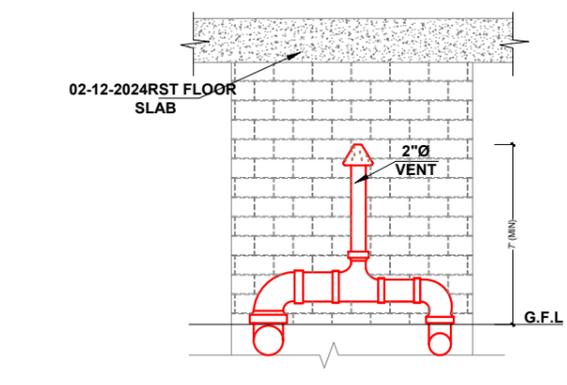
TYP. VENT PIPE DETAIL-(4)



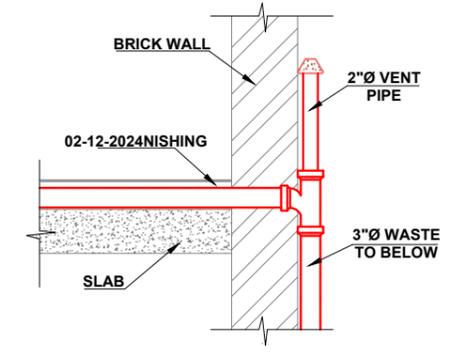
TYP. VENT PIPE DETAIL-(5)



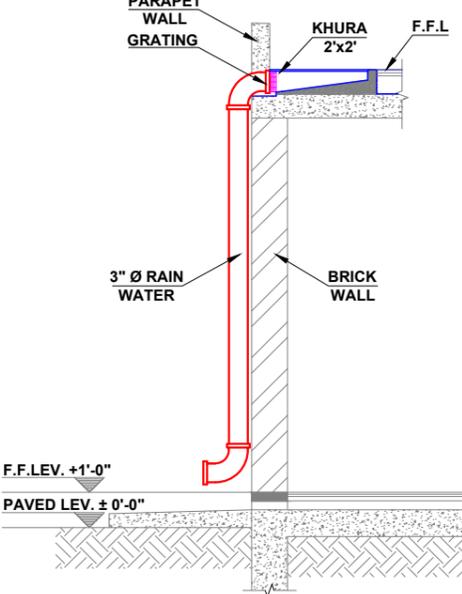
TYP. VENT PIPE DETAIL-(6)



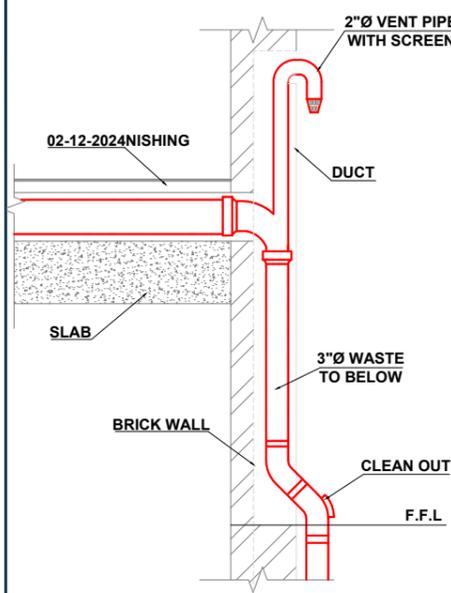
TYP. VENT PIPE DETAIL-(7)



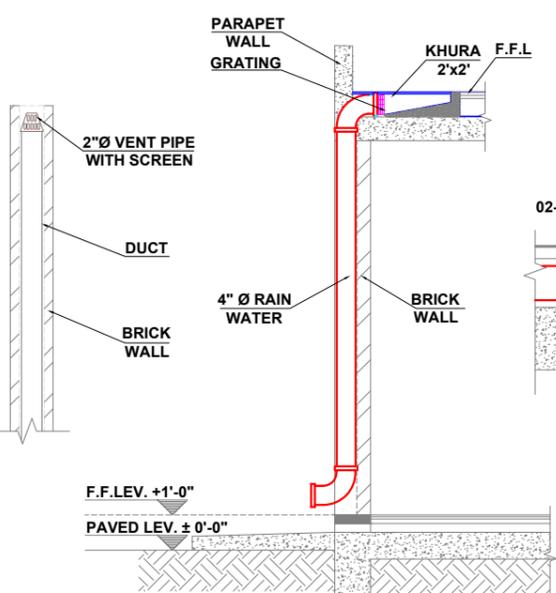
TYP. VENT PIPE DETAIL-(3)



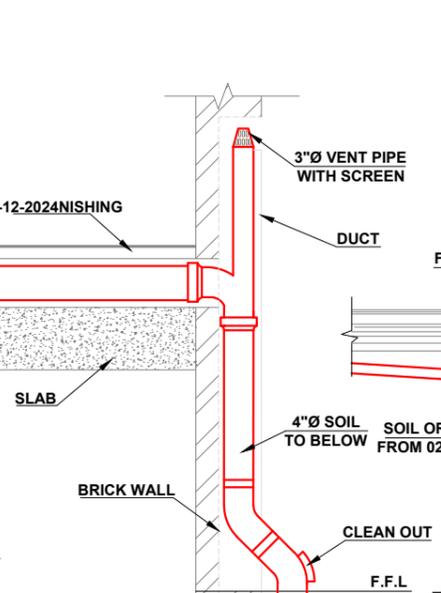
TYP. RAIN WATER PIPE & KHURA DETAIL-(12)



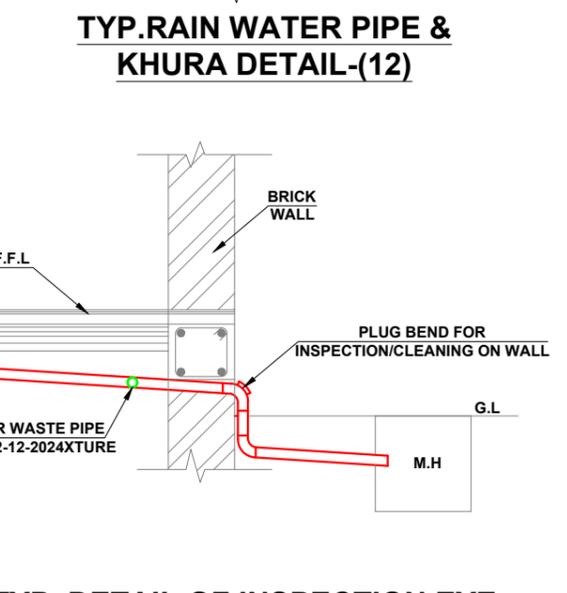
TYP. VENT PIPE DETAIL-(8,9)



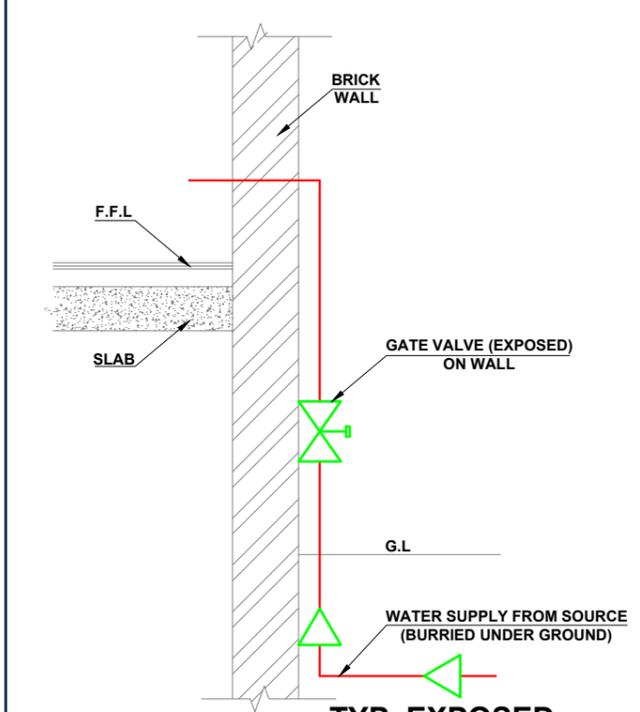
TYP. RAIN WATER PIPE & KHURA DETAIL-(10)



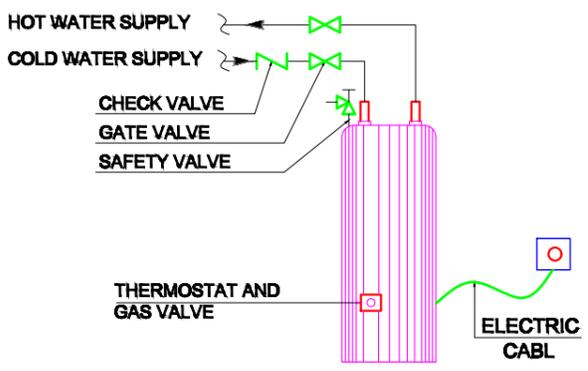
TYP. VENT PIPE DETAIL-(11)



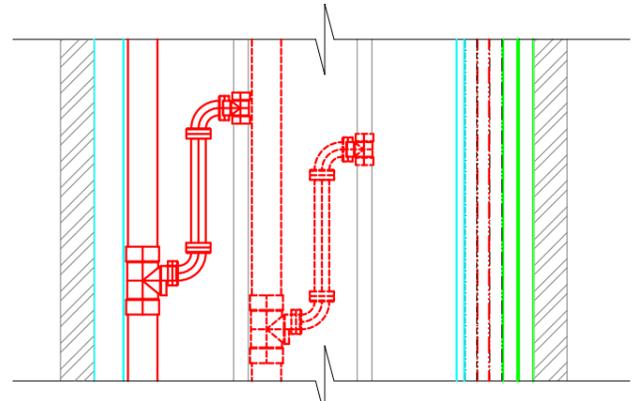
TYP. DETAIL OF INSPECTION EYE BEND ON SOIL OR WASTE PIPE AND ITS CONNECTION TO MAN HOLE



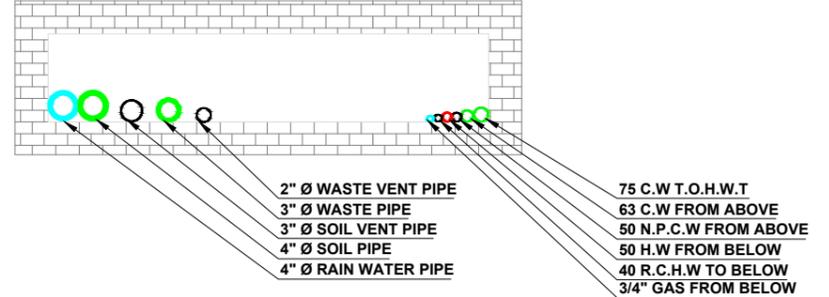
TYP. EXPOSED GATE VALVE



ELECTRIC HOT WATER GEYSER

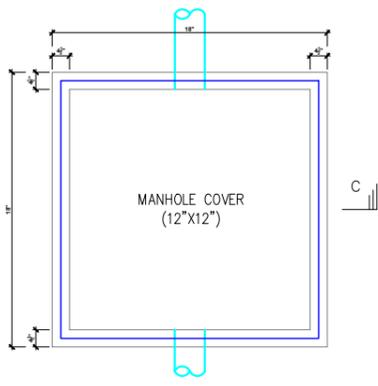


DUCT SECTION

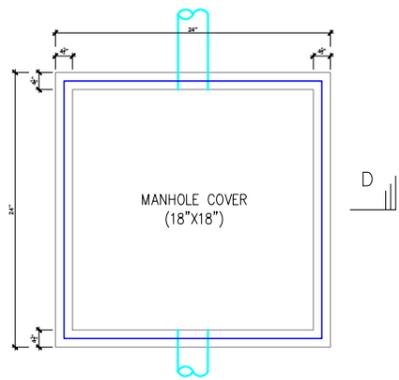


DUCT PLAN

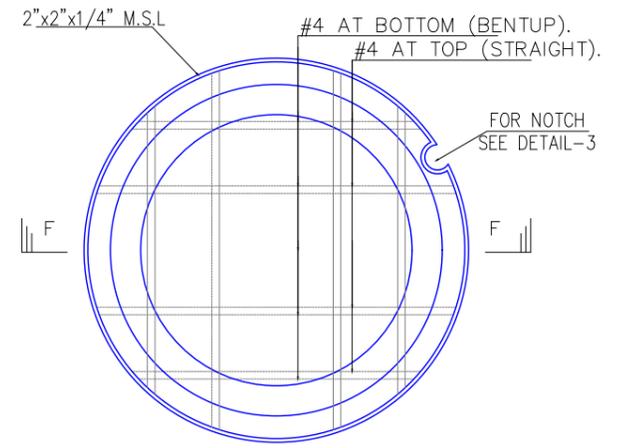
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|---|---|---|--|---|--|----------------------|
| <p>WAZIR AND SONS +92 3084343942 http://www.wazirandsons.pk wazirandsonspk@gmail.com Sector-C Commercial Bahria Town Lahore.</p> | <p>MEP CONSULTANT:</p> | <p>PROJECT NAME:</p> <p>SARGODAH</p> | <p>OWNED BY:</p> <p>M ARSLAN.</p> | <p>DRAWING TITLE:</p> <p>MATERIAL DETAIL</p> | <p>DESIGNED BY:</p> <p>WAZIR & SONS</p> | <p>NORTH:</p> |
| | <p>NOTS:</p> <p>1- ALL DIMENSIONS ARE INCH UNLESS OTHERS WISE NOTED. 2- CONTRACTOR TO CO-ORDINATE ALL BUILDING SERVICES.</p> | <p>DRAWING NO:</p> <p>08</p> | <p>DRAW BY:</p> <p>WAZIR & SONS</p> | <p>SCALE:</p> <p>NTS</p> | <p>DATE:</p> <p>02-12-2024</p> | |
| | <p>75 C.W.T.O.H.W.T 63 C.W FROM ABOVE 50 N.P.C.W FROM ABOVE 3\"/> </p> | | | | | |



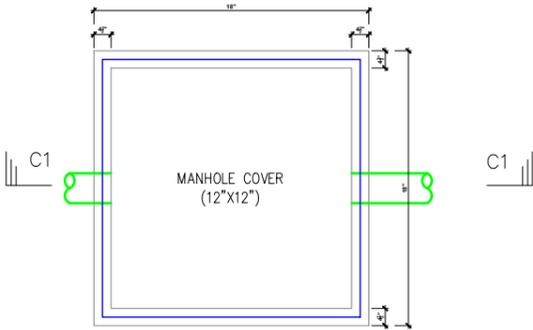
TYPICAL GREASE TRAP PLAN



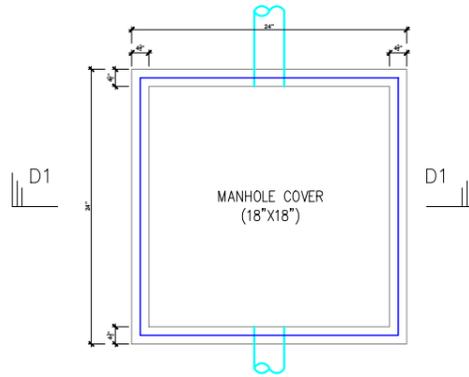
TYPICAL SEWER MANHOLE PLAN (UP TO 3' DEPTH)



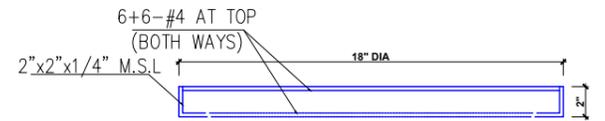
SEPTIC TANK MANHOLE COVER PLAN



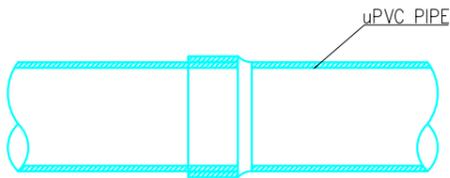
TYPICAL GREASE TRAP PLAN



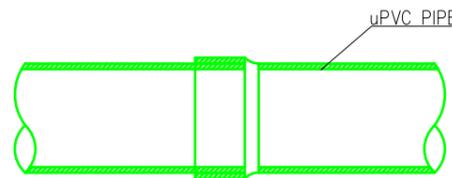
TYPICAL SEWER MANHOLE PLAN (UP TO 3' DEPTH)



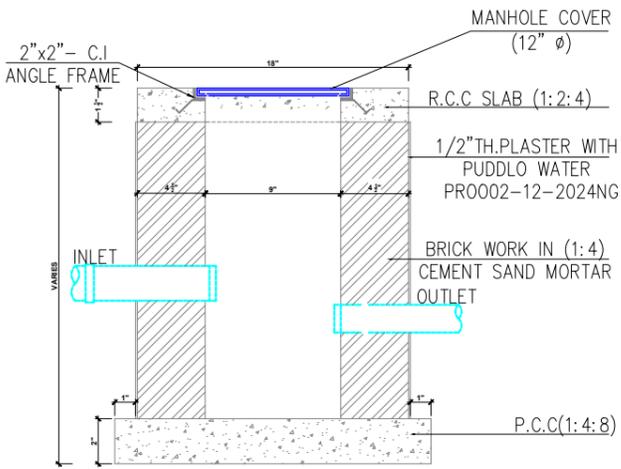
SECTION F-F



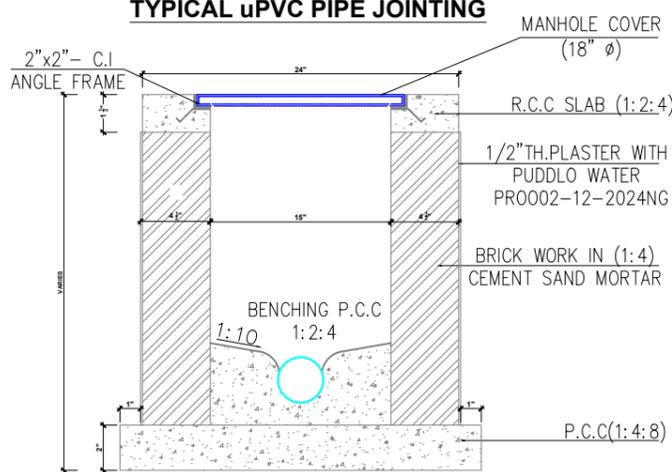
TYPICAL uPVC PIPE JOINTING



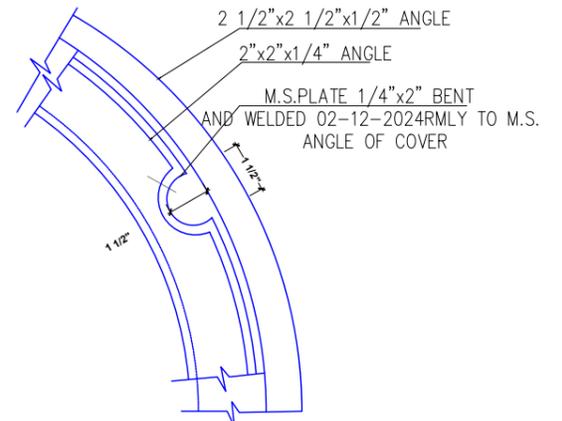
TYPICAL uPVC PIPE JOINTING



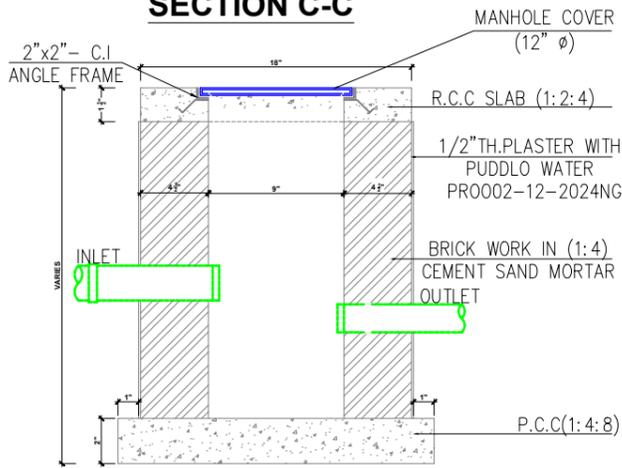
SECTION C-C



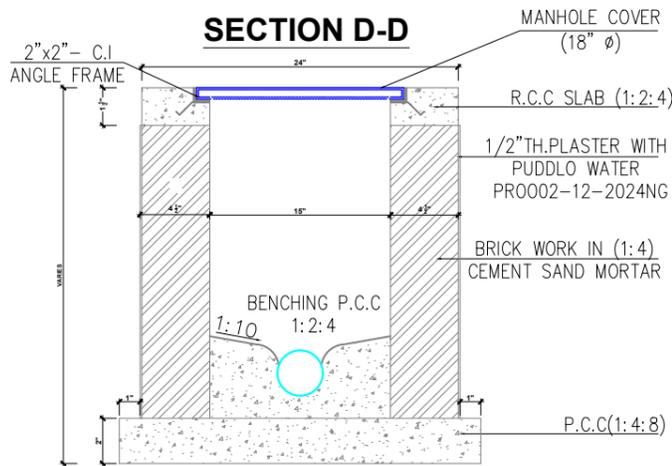
SECTION D-D



DETAIL



SECTION C1-C1



SECTION D1-D1



MEP CONSULTANT:

WAZIR & SONS

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<http://www.wazirandsons.pk>
 wazirandsonspk@gmail.com
 Sector-C Commercial Bahria Town Lahore.



PROJECT NAME:

SARGODAH

OWNED BY:

M ARSLAN.

DRAWING TITLE:

MATERIAL DETAIL

DESIGNED BY:

WAZIR & SONS

DRAW BY:

WAZIR & SONS

SCALE:

NTS

NORTH:

NOTS:

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

DRAWING NO:

09

DATE:

02-12-2024