

LIST OF DRAWINGS

S.NO	DESCRIPTION	DRG.NO:
01	LIST OF DRAWINGS	001 L.D
02	GENERAL NOTES	002 G.N
WATER SUPPLY SYSTEM		
03	WATER SUPPLY SYSTEM (BASEMENT PLAN)	003 W.S
04	WATER SUPPLY SYSTEM (GROUND FLOOR PLAN)	004 W.S
05	WATER SUPPLY SYSTEM (FIRST FLOOR PLAN)	005 W.S
06	WATER SUPPLY SYSTEM (ROOF PLAN)	006 W.S
SEWERAGE AND DRAINAGE SYSTEM		
07	SEWERAGE SYSTEM (BASEMENT PLAN)	007 S.W
08	SEWERAGE SYSTEM (GROUND FLOOR PLAN)	008 S.W
09	SEWERAGE SYSTEM (FIRST FLOOR PLAN)	009 S.W
10	DRAINAGE SYSTEM (ROOF PLAN)	010 S.W
MISCELLANEOUS DETAILS		
11	TYP. O.H.W.T PLAN & SECTIONAL DETAILS	011 M.D
12	TYP. U.G.W.T PLAN & SECTIONAL DETAILS	012 M.D
13	GULLY TRAP & MANHOLE DETAILS	013 M.D
14	TYP SEPTIC TANK PLAN & SECTIONAL DETAILS	014 M.D
15	MISCELLANEOUS DETAILS	015 M.D

B		
A		
REV.	DATE	REVISIONS DESCRIPTION

PROJECT LOCATION: DHA PHASE-8, LAHORE.		
PLOT SIZE: 50'-0"X90'-0"	PLOT AREA: 4500 SQFT	
PROJECT: PLUMBING DESIGN DRAWINGS FOR THE PROPOSED AT MRS. SHAMSHAAD		
TITLE: LIST OF DRAWINGS		
DRAWN BY: MUHAMMAD AWAIS	CHECKED BY: RANA MUHAMMAD SAEED	JOB NO:
DATE: MAY 2022	SCALE:	DRAWING NO: L.D-01 SHEET NO. 01/15
CONSULTANT:  469 BLOCK G 1 JOHAR TOWN LAHORE, PUNJAB, 54000 WWW.GHARPLANS.PK		

PUBLIC HEALTH GENERAL NOTES

1. THESE GENERAL NOTES ARE PROVIDED TO SUPPLEMENT THE WRITTEN SPECIFICATION FOR THIS PROJECT. REFER TO THE SPECIFICATIONS FOR MORE DETAILED REQUIREMENTS OF THIS PROJECT.

2. PERFORM ALL WORK IN A WORKMAN LIKE MANNER, IN COMPLIANCE WITH THE LATEST ADOPTED EDITIONS OF ALL GOVERNING CODES AND STANDARDS. IF CONFLICTS ARISE, REQUEST RESOLUTION FROM THE ARCHITECT. IF REQUIRED INFORMATION IS MISSING FROM THIS DRAWING (I.E, DUCT SIZE OR PIPE SIZE), REQUEST WRITTEN CLARIFICATION FROM THE ARCHITECT PRIOR TO THE EXECUTION.

3. PROVIDE ALL MINOR INCIDENTAL ITEMS SUCH AS OFFSETS, FITTINGS, ETC, REQUIRED AS PART OF THE WORK EVEN THOUGH NOT SPECIFICALLY SHOWN ON DRAWINGS. THE CONTRACTOR SHALL PROVIDE AND INSTALL THE NUMBER OF ITEMS OF EQUIPMENT AS INDICATED ON THE DRAWINGS AND AS REQUIRED FOR COMPLETE SYSTEMS.

4. THE PLUMBING DRAWINGS SHOW THE GENERAL ARRANGEMENT OF ALL PIPING, DUCT WORK. MECHANICAL EQUIPMENT AND APPURTENANCES, AND SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING CONSTRUCTION AND THE WORK OF THEIR TRADES WILL PERMIT. BECAUSE OF THE SMALL SCALE OF THE PLUMBING DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS AND ACCESSORIES WHICH MAY BE REQUIRED. INVESTIGATE THE STRUCTURAL AND FINISH CONDITIONS AFFECTING THE WORK AND PROVIDE SUCH FITTINGS, VALVES AND ACCESSORIES AS MAY BE REQUIRED TO MEET SUCH CONDITIONS.

5. VERIFY DIMENSIONS GOVERNING PLUMBING WORK AT THE BUILDING. DO NOT SCALE THE PLUMBING DRAWINGS FOR DIMENSIONS. TAKE DIMENSIONS, MEASUREMENTS, LOCATIONS, LEVELS, ETC. FROM THE ACTUAL FIELD CONDITIONS AND ARCHITECTURAL DRAWINGS.

6. EXAMINE ALL ADJOINING WORK ON WHICH THE PLUMBING WORK IS DEPENDENT OF MAXIMUM EFFICIENCY AND REPORT DESIGN CONFLICTS WHICH MUST BE CORRECTED PRIOR TO EXECUTION. NO WAIVER OF RESPONSIBILITY SHALL BE CLAIMED OR ALLOWED DUE TO FAILURE TO REPORT UNFAVORABLE CONDITIONS AFFECTING THE PLUMBING WORK.

7. CONTRACTOR SHALL FURNISH AND INSTALL ALL PIPING, VALVES, CONTROLS, INSULATION ETC. TO ALL PLUMBING EQUIPMENT SCHEDULED OR INDICATED ON PLANS REGARDLESS OF WHETHER PIPING, VALVES, CONTROLS, INSULATION ETC. ARE SPECIFICALLY SHOWN OR NOT PLUMBING EQUIPMENT INSTALLATION SHALL BE 100% COMPLETE FOR PROPER EQUIPMENT FUNCTION AND/OR OPERATION AT COMPLETION OF PROJECT.

8. THE ARCHITECTURAL AND ENGINEERING DRAWINGS ARE COMPLEMENTARY. CONTRACTORS SHALL ACKNOWLEDGE THE ARCHITECTURAL AS WELL AS ALL THE ENGINEERING DRAWINGS AND INCLUDE ALL WORK NECESSARY TO ACHIEVE A COMPLETE WORKING. INSTALLATION FOR ANY DEVICE OR EQUIPMENT WHICH MAY BE SHOWN ON ONE DRAWING BUT NOT SHOWN ON ANOTHER.
9. LOCATION OF PIPES, DUCTS, SWITCHES, PANELS, EQUIPMENT AND FIXTURES SHALL BE ADJUSTED TO ACCOMMODATE THE WORK OR INTERFERENCES ANTICIPATED AND ENCOUNTERED. DETERMINE THE EXACT ROUTE AND LOCATION OF EACH PIPE AND DUCT PRIOR TO FABRICATION.

10. LOCATION OF EXISTING UTILITIES AND EXISTING UNDERGROUND PLUMBING ARE BASED ON THE SITE INFORMATION AVAILABLE. CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL UTILITIES AND EXISTING UNDERGROUND PLUMBING PRIOR TO FABRICATION AND ERECTION OF WORK TO AVOID ALL INTERFERENCES. VERIFICATION SHALL BE BY SITE INSPECTION, EXCAVATION, OR WHATEVER MEANS NECESSARY TO DETERMINE EXACT LOCATIONS.

11. CONTRACTOR SHALL OBTAIN BUILDING PERMIT AND ARRANGE ALL REQUIRED INSPECTIONS WITH THE APPROPRIATE REGULATORY AGENCY. ALERT CONSULTANT OF ALL ITEMS NOT DEPICTED ON DRAWINGS. DO NOT PROCEED WITH FURTHER WORK UNTIL WRITTEN RESPONSE IS RECEIVED FROM CONSULTANT.

12. CONTRACTOR SHALL VERIFY GAS PRESSURE DELIVERED BY METER AT BUILDING.

13. TEST THREADED NATURAL GAS PIPING AT 20 PSIG FOR A TEST PERIOD OF 2 HOURS. TEST PRESSURE SHALL NOT FALL OVER 5% DURING TEST PERIOD TO PASS. IF PIPING FAILS TEST, INVESTIGATE AND REPAIR THE SOURCE OF

14. PROVIDE SLEEVES AT ALL PIPING PENETRATIONS OF CONCRETE OR MASONRY FLOOR, WALL OR ROOF CONSTRUCTION.

15. PROVIDE GLASS WOOL INSULATION TO ALL HOT WATER (EXPOSED) AND COLD WATER (AT ROOF) PIPE LINE INCLUDING PROTECTIVE COATINGS.

16. USE NEAREST FLOOR TRAP FOR THE AC DRAINAGE.

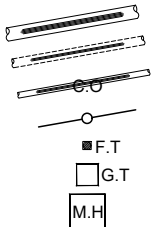
17. TEST ALL PIPING SYSTEMS IN WHICH ANY ALTERATIONS HAVE BEEN MADE FOR COMPLIANCE WITH THE LATEST EDITION OF GOVERNING BUILDING CODE. DOMESTIC HOT AND COLD WATER PIPING SHALL BE SUBJECT TO 100 PSIG FOR A MINIMUM 2 HOURS, DOMESTIC WASTE AND VENT PIPING SHALL BE TESTED AT 10' STATIC HEAD FOR A PERIOD GREATER THAN 15 MINUTES. IF REQUIRED PRESSURE DROPS BY MORE THAN 3% DURING ITS TEST DURATION, INVESTIGATE THE SOURCE OF LEAK, REPAIR THE LEAK, AND RETEST THE SYSTEM FOR THE REQUIRED TEST PERIOD. INSPECT ALL W & V JOINTS WHILE UNDER PRESSURE AND REPAIR ALL LEAKS.

18. INSTALL ALL PLUMBING EQUIPMENT IN COMPLETE COMPLIANCE WITH MANUFACTURER'S STANDARD INSTALLATION INSTRUCTIONS. ARRANGE ALL EQUIPMENT TO PERMIT EASY REMOVAL OF COILS, MOTORS, FILTERS AND ALL OTHER PARTS WHICH REQUIRE PERIODIC REPLACEMENT OR MAINTENANCE.

19. COORDINATE ALL ELECTRICAL VOLTAGE CHARACTERISTICS WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING PLUMBING EQUIPMENT.

LEGEND

- SOIL PIPE (S.P)
- WASTE PIPE (W.P)
- VENT PIPE (V.P)
- CLEANOUTS
- FLOOR TRAP
- GULLY TRAP
- MANHOLE



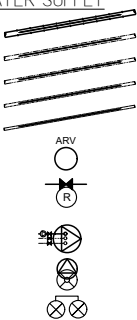
1. ALL PIPE DIAMETERS ARE IN INCHES UNLESS OTHERWISE MENTIONED.
2. VENT PIPES SHALL BE EXTENDED UP TO ONE FT ABOVE FINISHED ROOF LEVEL.
3. SOIL, WASTE AND VENT PIPES UP TO 6" DIA. ARE uPVC (NON PRESSURIZE) TYPE-B CONFIRMING TO ISO 3633:2002 EXTERNAL SEWER PIPES SHALL BE OF FLOW LINE CONFIRMING TO EN 1401 UNLESS OTHERWISE NOTED
4. SLOPE OF ROOF VALLEY LINE SHOULD BE BETWEEN 0.01 TO 0.02
5. BOTTLE TRAP SHALL BE USED WITH ALL WASH BASIN.
6. R.C.C PIPES SHALL BE SHALIMAR OR EQUIVALENT MAKE.
7. MINIMUM SLOPE OF SOIL AND WASTE PIPES ARE AS UNDER.

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

LEGEND

- COLD WATER PIPE (C.W)
- NORMAL PRESSURE COLD WATER
- HOT WATER PIPE (H.W)
- RE-CIRCULATION HOT WATER (R.H.W)
- GAS PIPE
- AIR RELIEF VALVE
- GATE VALVE/BALL VALVE
- RE-CIRCULATION PUMP
- GEYSER
- CHECK VALVE
- BOOSTER PUMP
- SUBMERSIBLE PUMP

WATER SUPPLY



SCHEDULE OF PIPE DIA

OUTER DIA (mm)	INTERNAL DIA	
	(mm)	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

1. ALL WATER SUPPLY PIPE DIAMETERS ARE IN MILLIMETERS AND MENTIONED ARE EXTERNAL DIAMETERS. ALL WATER SUPPLY PIPES ARE OF PPRC UNLESS NOTED OTHERWISE.
2. ALL GAS PIPE DIAMETERS ARE IN INCHES AND MENTIONED ARE INTERNAL DIAMETERS.
3. ALL WATER SUPPLY PIPES ENTERING THE WALLS SHALL BE PROVIDED WITH ISOLATION VALVES.
4. ALL WATER SUPPLY PIPES ARE PPR (PN 20) UNLESS OTHERWISE MENTIONED.
5. ALL WATER SUPPLY PIPES FITTINGS SUCH AS BENDS, TEES, SOCKETS, ARE PPR (PN 25) UNLESS OTHERWISE MENTIONED.
6. ALL GAS PIPES ARE G.I. UNLESS OTHERWISE MENTIONED.
7. ALL WATER SUPPLY AND GAS PIPES ARE IN DUCTS, OR CONCEALED IN WALL OR BURIED IN FLOORS.
8. ALL PIPING SHALL BE TESTED FOR LEAKAGE BEFORE THE JOINTS ARE COVERED.

B		
A		
REV.	DATE	REVISIONS DESCRIPTION

PROJECT LOCATION:
DHA PHASE-8, LAHORE.

PLOT SIZE: 50'-0"X90'-0"
PLOT AREA: 4500 SQFT

PROJECT: PLUMBING DESIGN DRAWINGS FOR THE PROPOSED AT MRS. SHAMSHAAD

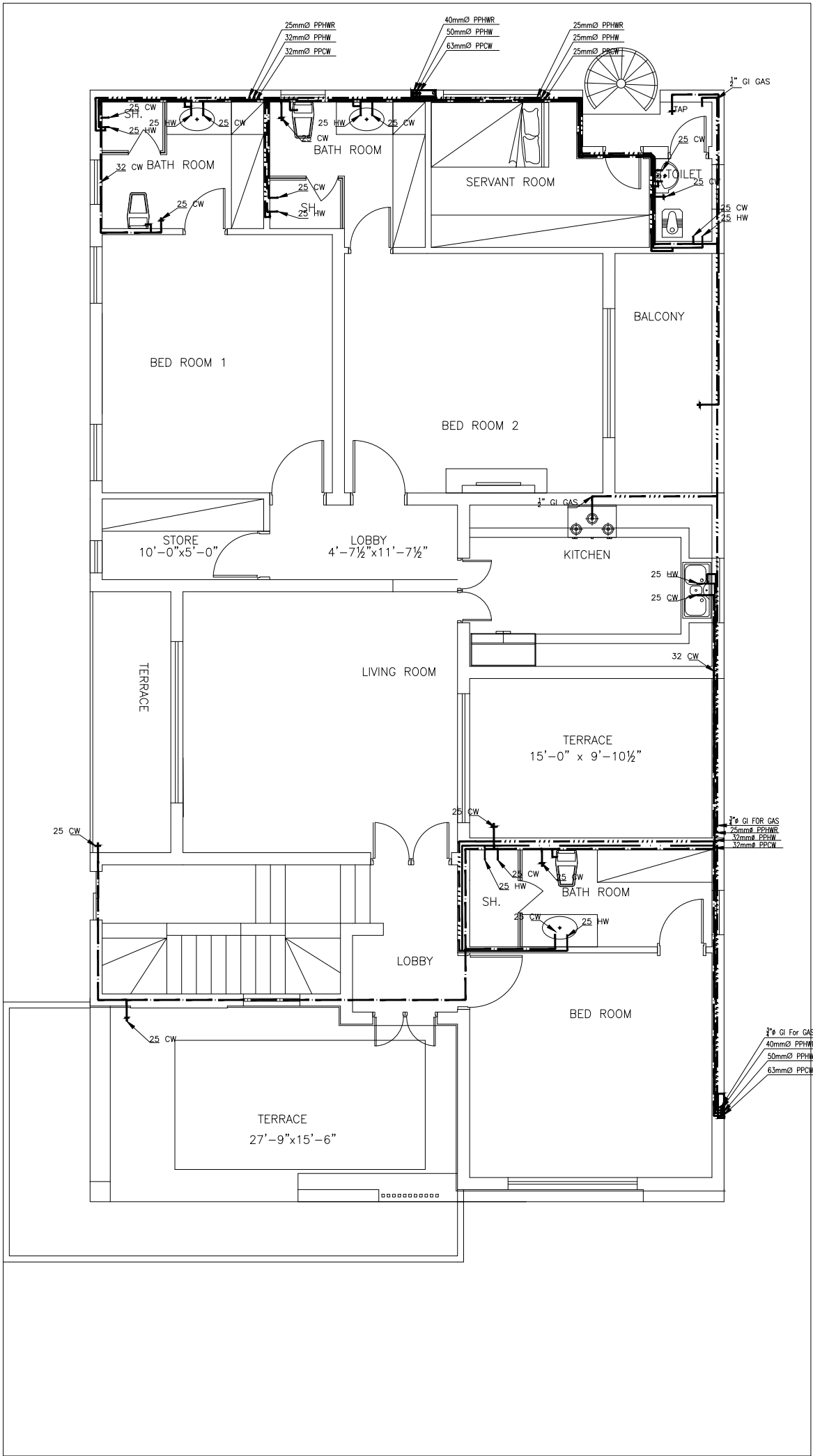
TITLE: GENERAL NOTES

DRAWN BY: MUHAMMAD AWAIS	CHECKED BY: RANA MUHAMMAD SAEED	JOB NO:
DATE: MAY 2022	SCALE:	DRAWING NO: G.N-02 SHEET NO. 02/15

CONSULTANT:



469 BLOCK G 1 JOHAR TOWN LAHORE,
PUNJAB, 54000
WWW.GHARPLANS.PK



LEGEND

- 40mmØ PPCW
- 32mmØ PPHW
- 25mmØ PPHWR
- 3/4" Ø GI For GAS

B	
A	
REV.	DATE
REVISIONS DESCRIPTION	

PROJECT LOCATION:
DHA PHASE-8, LAHORE.

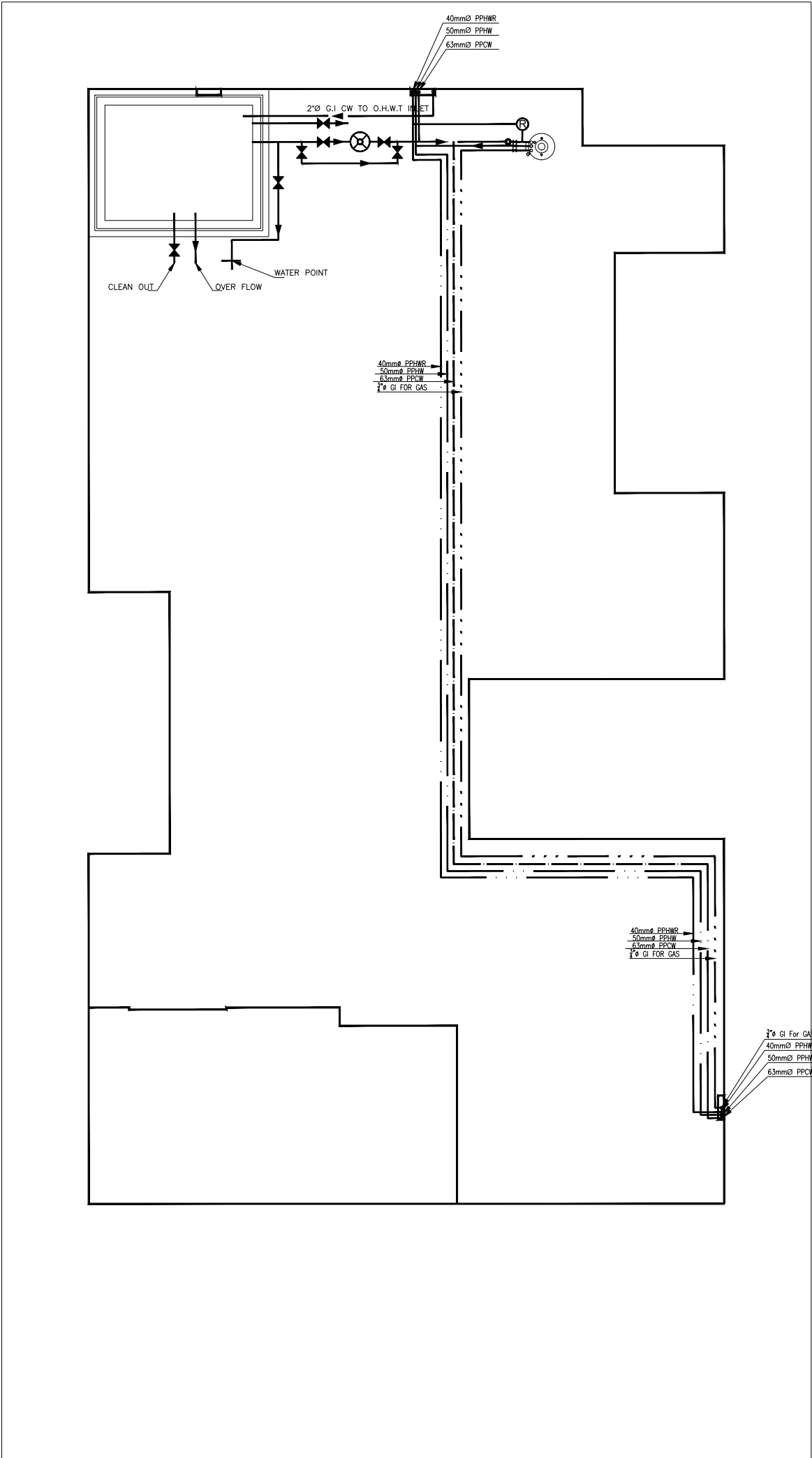
PLOT SIZE: 50'-0"x90'-0"
PLOT AREA: 4500 SQ-FT

PROJECT:
PLUMBING DESIGN DRAWINGS FOR
THE PROPOSED AT MRS. SHAMSHAD

TITLE: WATER SUPPLY SYSTEM (FIRST FLOOR PLAN)		
DRAWN BY: MUHAMMAD ANAIS	CHECKED BY: RANA MUHAMMAD SAIED	JOB NO.:
DATE: MAY 2022	SCALE:	DRAWING NO. W.S.05
CONSULTANT:		SHEET NO. 05/15



469 BLOCK 6 1 JOHAR TOWN LAHORE,
PUNJAB 54000
WWW.SHARPLANS.PK



LEGEND

40mmØ PPCW	
32mmØ PPHW	
25mmØ PPHWR	
3/4" Ø GI For GAS	

B	
A	
REV.	DATE
REVISIONS DESCRIPTION	

PROJECT LOCATION:
DHA PHASE-8, LAHORE.

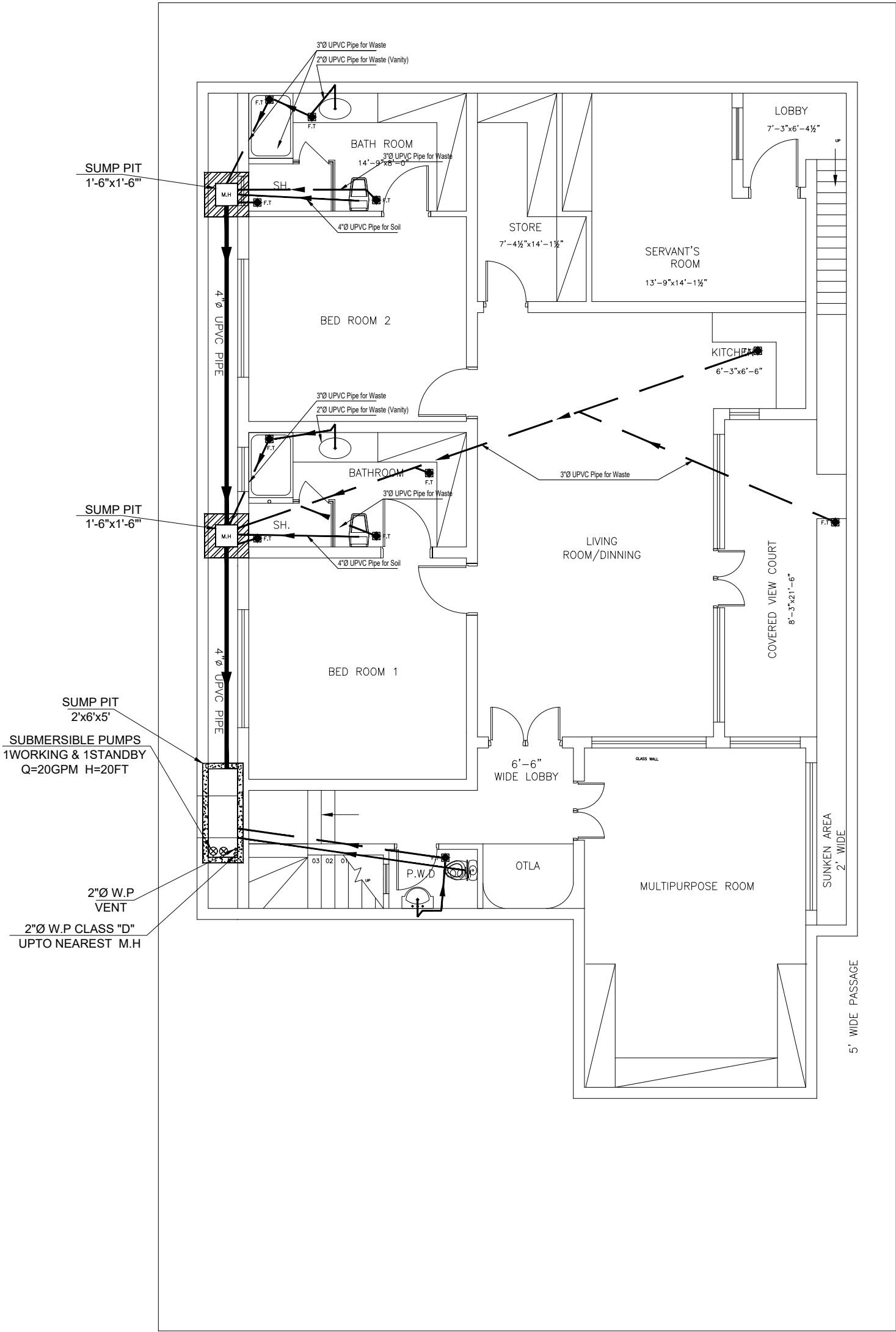
PLOT SIZE: 50'-0"X90'-0"
PLOT AREA: 4500 SQ.FT

PROJECT:
PLUMBING DESIGN DRAWINGS FOR
THE PROPOSED AT MRS. SHAMSHAD

TITLE: WATER SUPPLY SYSTEM (ROOF TOP PLAN)			
DRAWN BY: MUHAMMAD AWAIS	CHECKED BY: RAMA MUHAMMAD SAEED	JOB NO:	
DATE: MAY 2022	SCALE:	DRAWING NO: W.S.06	SHEET NO: 06/15



469 BLOCK G 1 JOHAR TOWN LAHORE,
PUNJAB 54000
WWW.SHARPLANS.PK



B	
A	
REV.	DATE
REVISIONS DESCRIPTION	

PROJECT LOCATION:
DHA PHASE-8, LAHORE.

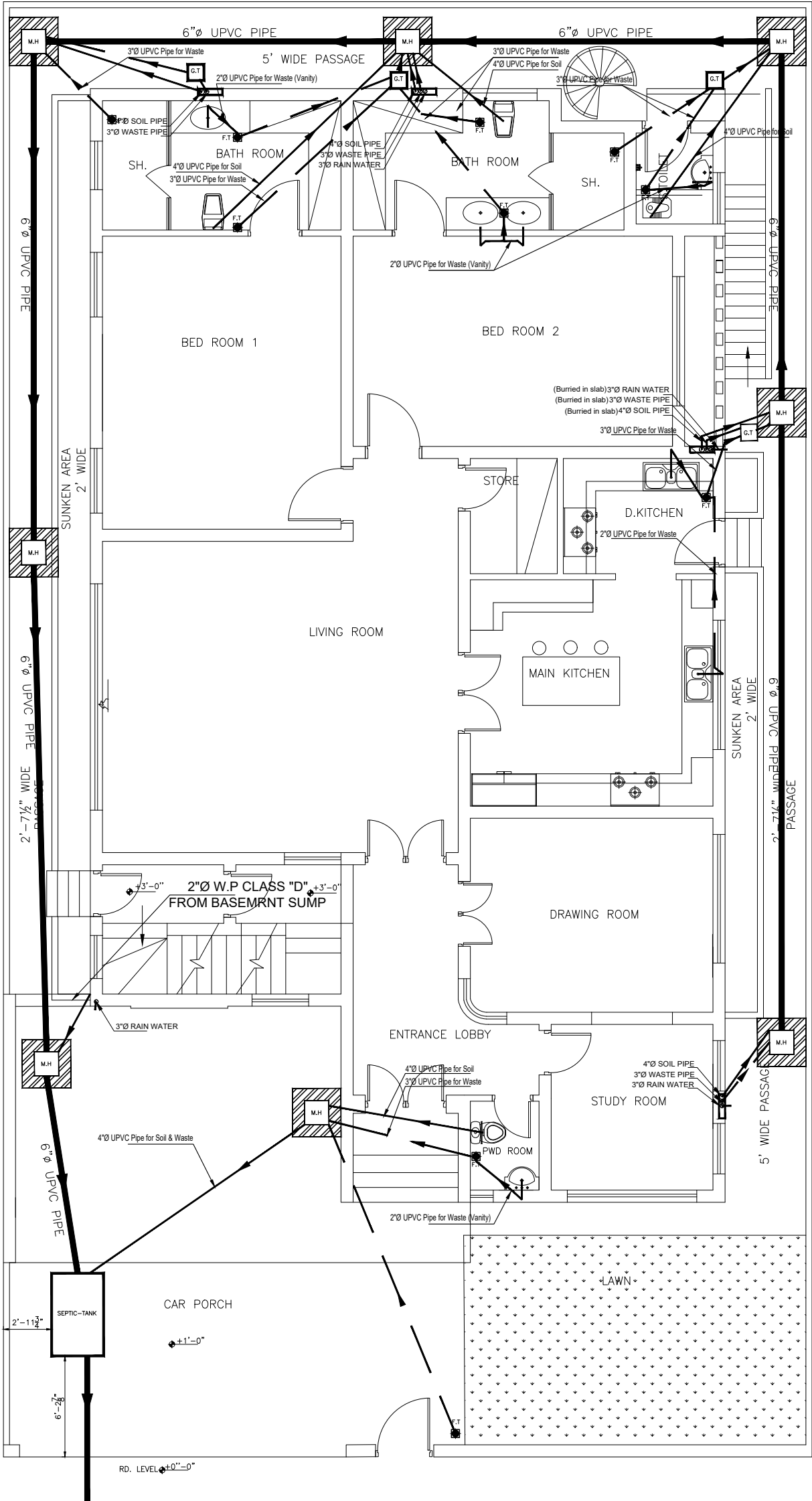
PLOT SIZE: 50'-0"X90'-0"
PLOT AREA: 4500 SQ-FT

PROJECT:
PLUMBING DESIGN DRAWINGS FOR
THE PROPOSED AT MRS. SHAMSHAD

TITLE: SEWERAGE SYSTEM (BASEMENT PLAN)			
DRAWN BY: MUHAMMAD ANAIS	CHECKED BY: RAMA MUHAMMAD SAEED	JOB NO:	
DATE: MAY 2022	SCALE:	DRAWING NO. W.S-07	SHEET NO. 07/15



469 BLOCK G 1 JOHAR TOWN LAHORE,
PUNJAB 54000
WWW.SHARPLANS.PK



B	
A	
REV.	DATE
REVISIONS DESCRIPTION	

PROJECT LOCATION:
DHA PHASE-8, LAHORE.

PLOT SIZE: 50'-0"X90'-0"
PLOT AREA: 4500 SQ-FT

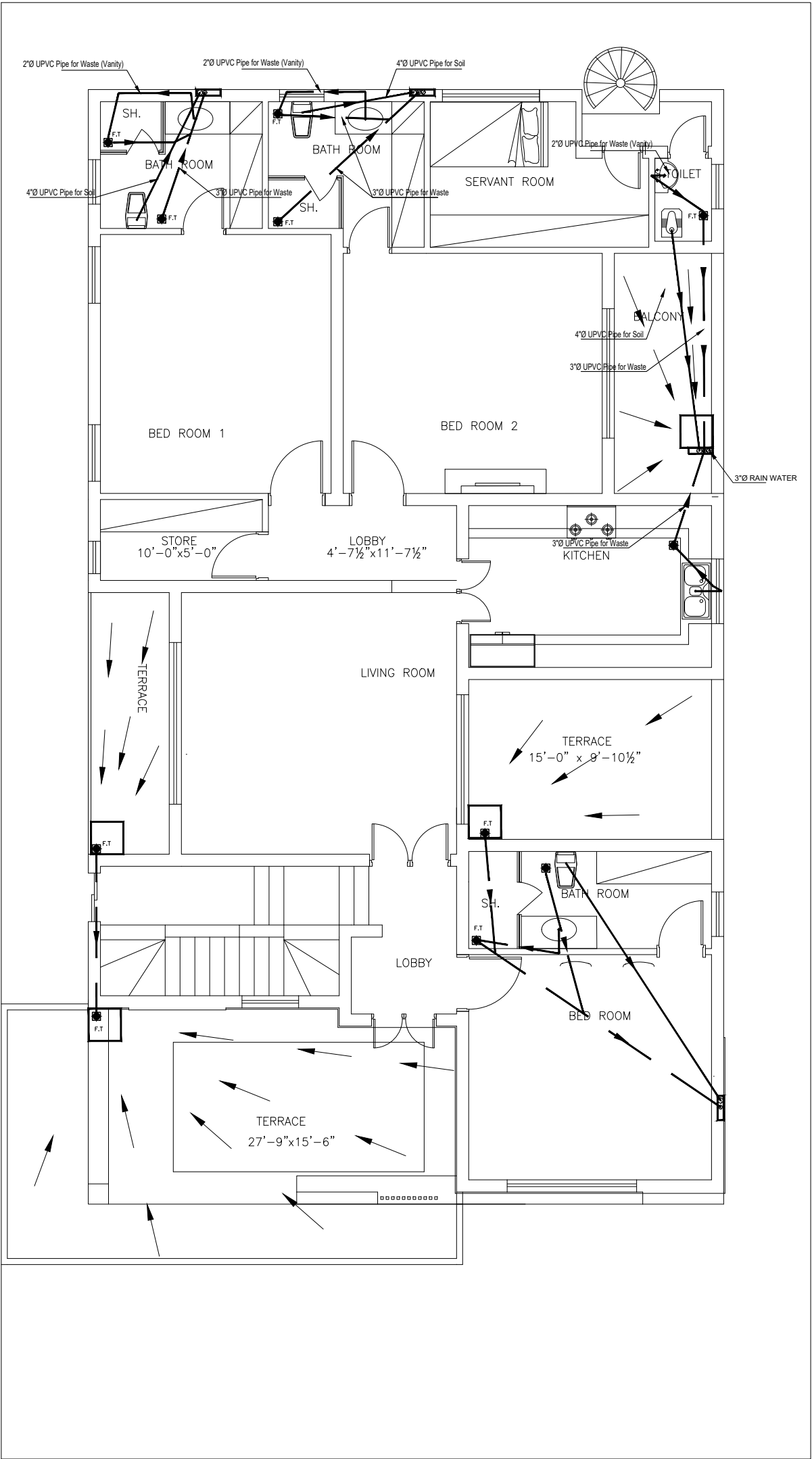
PROJECT:
PLUMBING DESIGN DRAWINGS FOR
THE PROPOSED AT MRS. SHAMSHAD

TITLE:
SEWERAGE SYSTEM (GROUND FLOOR PLAN)

DRAWN BY: MUHAMMAD ANAIS	CHECKED BY: RAVA MUHAMMAD SAEED	JOB NO.:
DATE: MAY 2022	SCALE:	DRAWING NO. S.W-08
CONSULTANT:		SHEET NO. 08/15



469 BLOCK 6 1 JOHAR TOWN LAHORE,
PUNJAB 54000
WWW.SHARPLANS.PK



B	
A	
REV.	DATE
REVISIONS DESCRIPTION	

PROJECT LOCATION:
DHA PHASE-8, LAHORE.

PLOT SIZE: 50'-0"X90'-0"
PLOT AREA: 4500 SQ-FT

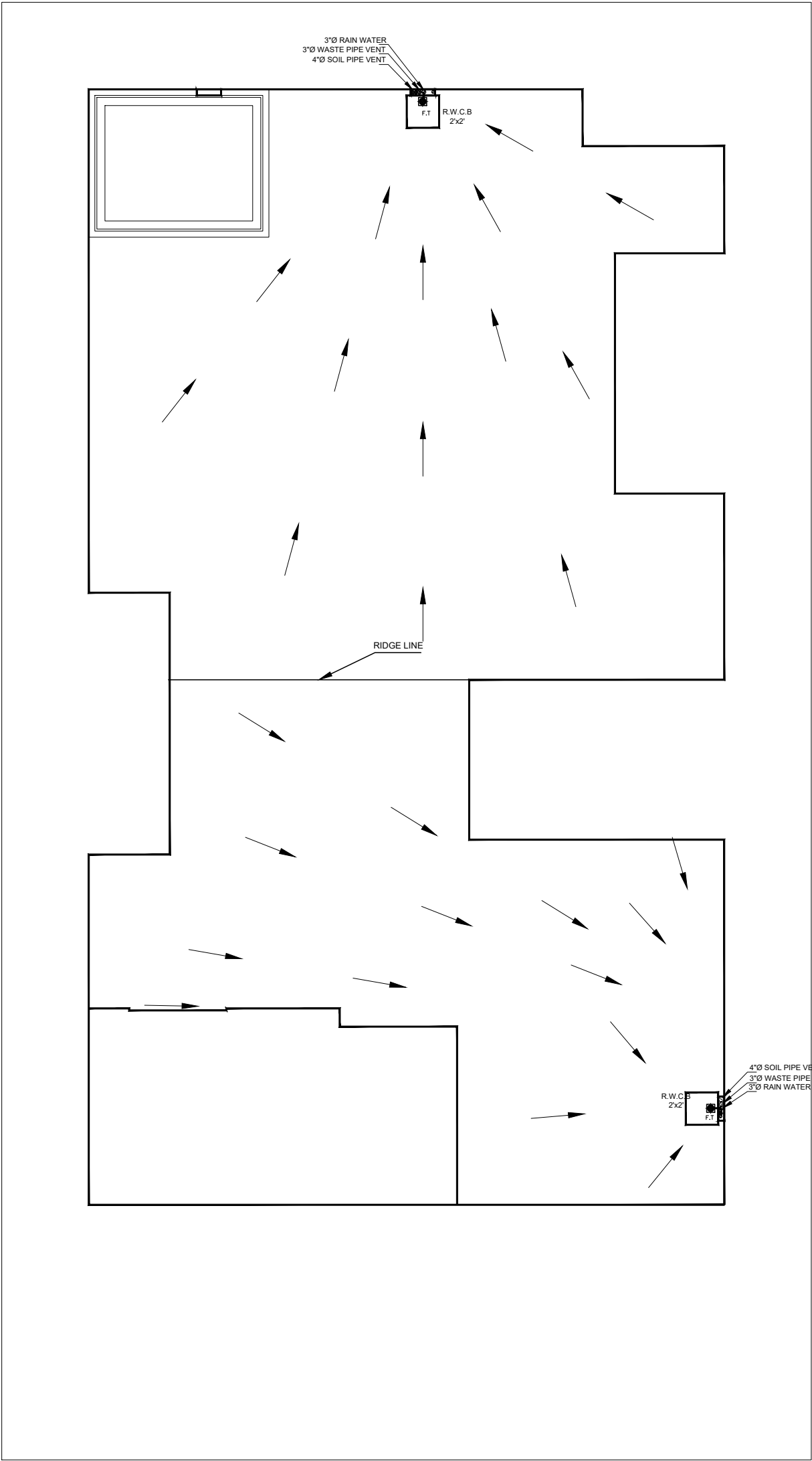
PROJECT:
PLUMBING DESIGN DRAWINGS FOR
THE PROPOSED AT MRS. SHAMSHAD

TITLE:
SEWERAGE SYSTEM (FIRST FLOOR PLAN)

DRAWN BY: MUHAMMAD ANAIS	CHECKED BY: RAMA MUHAMMAD SAEED	JOB NO:
DATE: MAY 2022	SCALE:	DRAWING NO. S.W-09
CONSULTANT:		SHEET NO. 09/15



469 BLOCK 6 1 JOHAR TOWN LAHORE,
PUNJAB 54000
WWW.SHARPLANS.PK



B	
A	
REV.	DATE
REVISIONS DESCRIPTION	

PROJECT LOCATION:
DHA PHASE-8, LAHORE.

PLOT SIZE: 50'-0"X90'-0"
PLOT AREA: 4500 SQ-FT

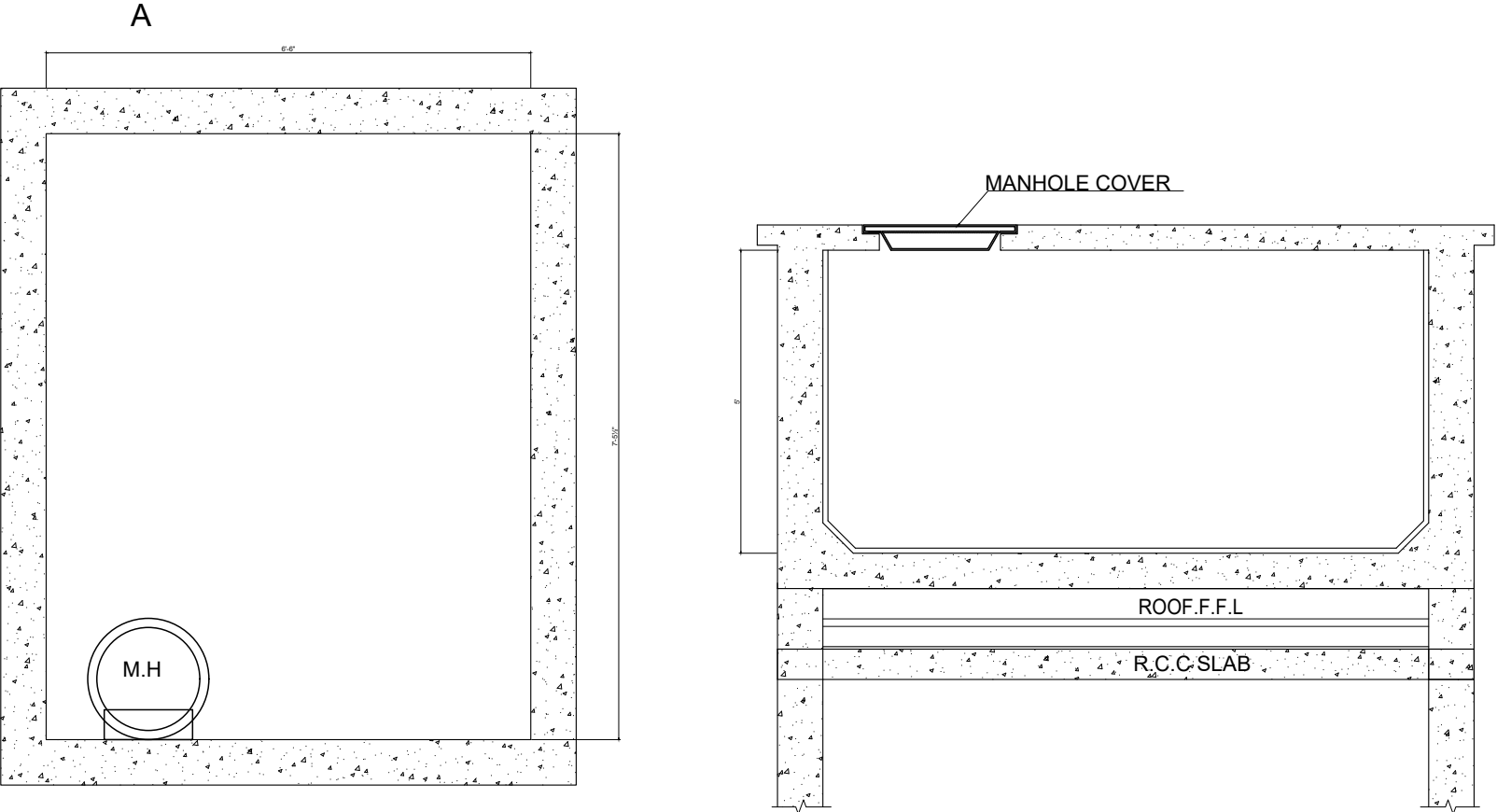
PROJECT:
PLUMBING DESIGN DRAWINGS FOR
THE PROPOSED AT MRS. SHAMSHAD

TITLE: DRAINAGE SYSTEM (ROOF PLAN)			
DRAWN BY: MUHAMMAD AWAIS	CHECKED BY: RAVA MUHAMMAD SAEED	JOB NO:	
DATE: MAY 2022	SCALE:	DRAWING NO: S.W-10	SHEET NO: 10/15



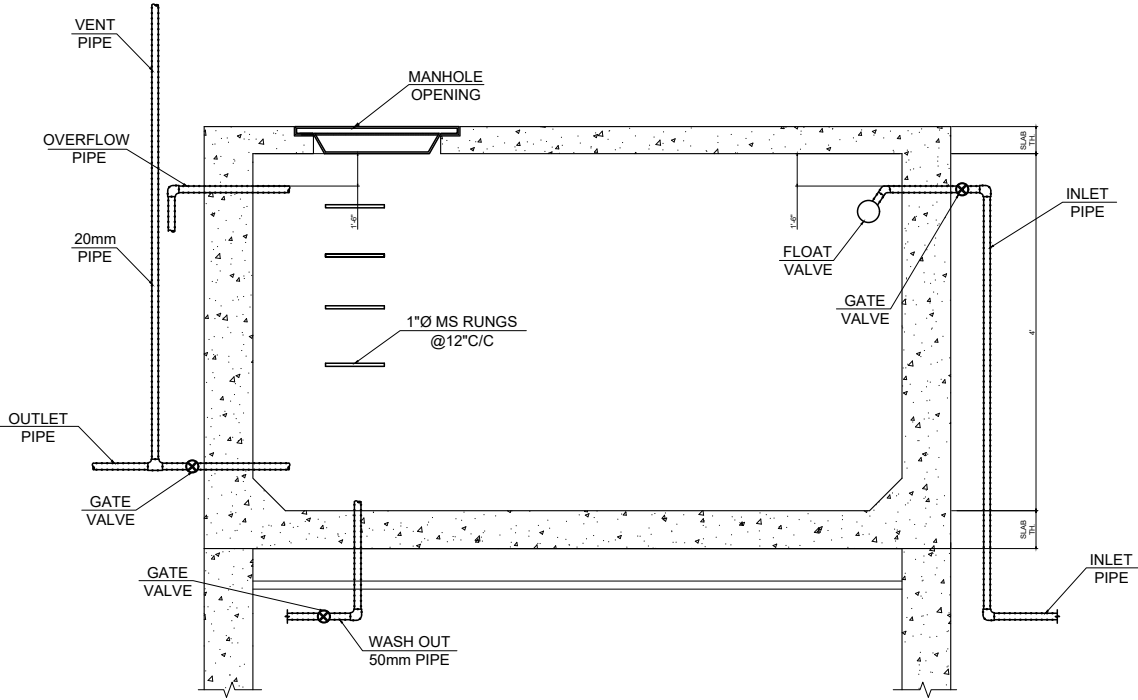
469 BLOCK 6 1 JOHAR TOWN LAHORE,
PUNJAB 54000
WWW.SHARPLANS.PK

OVER HEAD WATER TANK



PLAN

SECTION A-A



TYP.OVER HEAD WATER TANK PIPE DETAIL

REV.	DATE	REVISIONS DESCRIPTION
B		
A		

PROJECT LOCATION:
DHA PHASE-8, LAHORE.

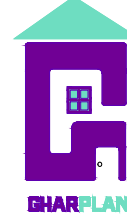
PLOT SIZE: 50'-0"X90'-0"
PLOT AREA: 4500 SQFT

PROJECT: PLUMBING DESIGN DRAWINGS FOR
THE PROPOSED AT MRS. SHAMSHAAD.

TITLE: TYP. O.H.W.T PLAN & SECTIONAL DETAILS

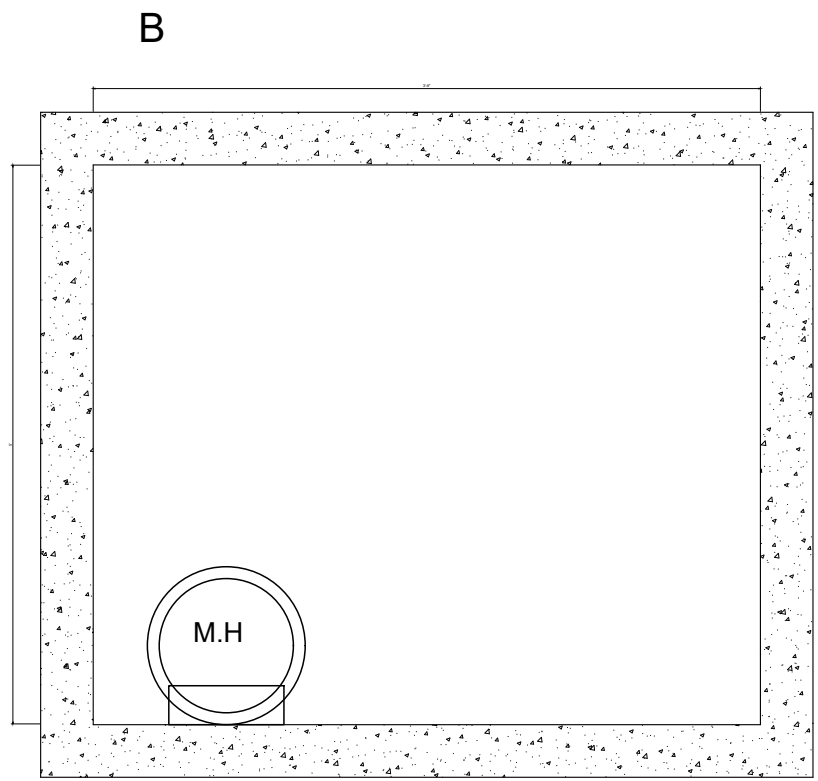
DRAWN BY: MUHAMMAD AWAIS	CHECKED BY: RANA MUHAMMAD SAEED	JOB NO:
DATE: MAY 2022	SCALE:	DRAWING NO: M.D-11 SHEET NO. 11/15

CONSULTANT:

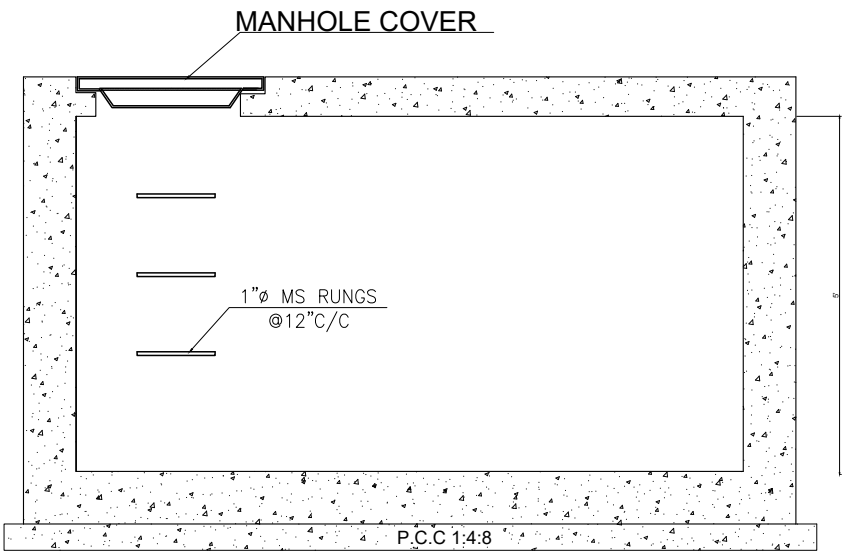


469 BLOCK G 1 JOHAR TOWN LAHORE,
PUNJAB, 54000
WWW.GHARPLANS.PK

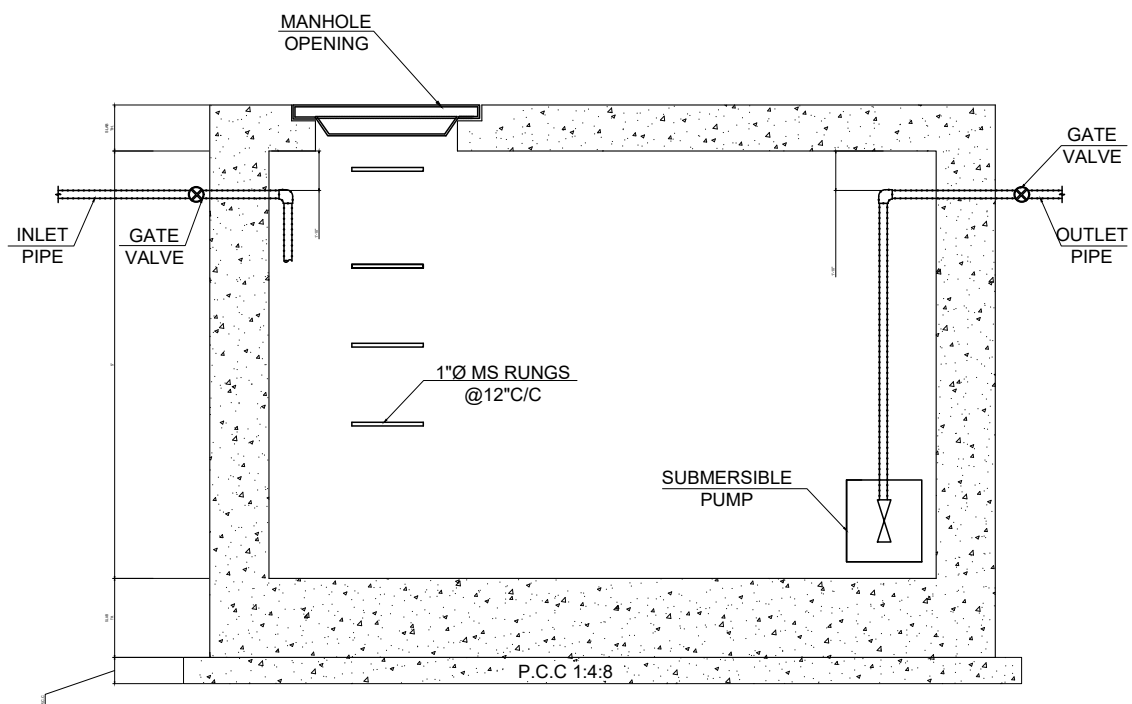
UNDER GROUND WATER TANK



PLAN



SECTION B-B



TYP.UNDER GROUND WATER TANK PIPE DETAIL

REV.	DATE	REVISIONS	DESCRIPTION
B			
A			

PROJECT LOCATION:
DHA PHASE-8, LAHORE.

PLOT SIZE: 50'-0"X90'-0"
PLOT AREA: 4500 SQFT

PROJECT: PLUMBING DESIGN DRAWINGS FOR
THE PROPOSED AT MRS. SHAMSHAAD

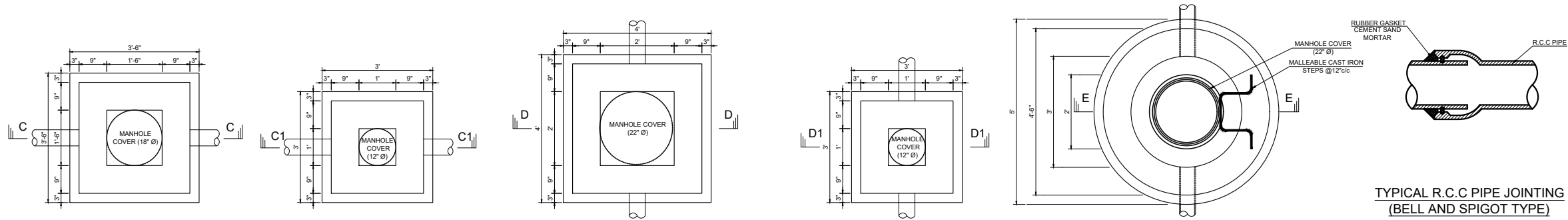
TITLE: TYP. U.G.W.T PLAN & SECTIONAL DETAILS

DRAWN BY: MUHAMMAD AWAIS	CHECKED BY: RANA MUHAMMAD SAEED	JOB NO:
DATE: MAY 2022	SCALE:	DRAWING NO: M.D-12 SHEET NO. 12/15

CONSULTANT:



469 BLOCK G 1 JOHAR TOWN LAHORE,
PUNJAB, 54000
WWW.GHARPLANS.PK



TYPICAL GULLY TRAP PLAN

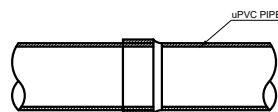
TYPICAL GULLY TRAP PLAN

TYPICAL SEWER MANHOLE PLAN
(UP TO 3' DEPTH)

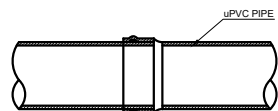
TYPICAL SEWER MANHOLE PLAN
(UP TO 3' DEPTH)

TYPICAL SEWER MANHOLE PLAN
(FROM 3' TO 6' DEPTH)

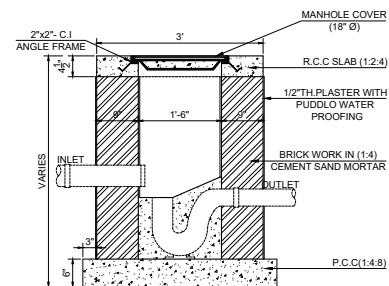
TYPICAL R.C.C PIPE JOINTING
(BELL AND SPIGOT TYPE)



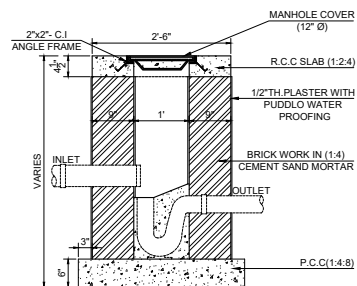
TYPICAL uPVC PIPE JOINTING
(SOLVENT CEMENT TYPE)



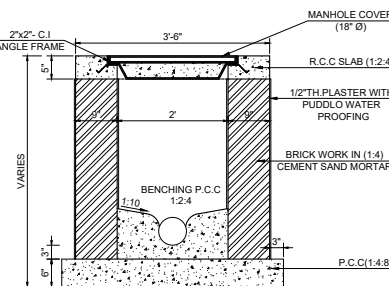
TYPICAL uPVC PIPE JOINTING
(RUBBER RING TYPE)



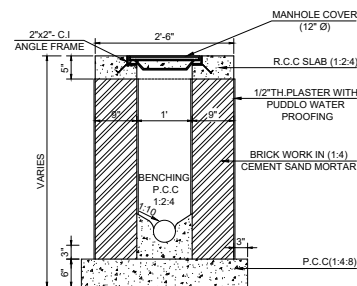
SECTION C-C



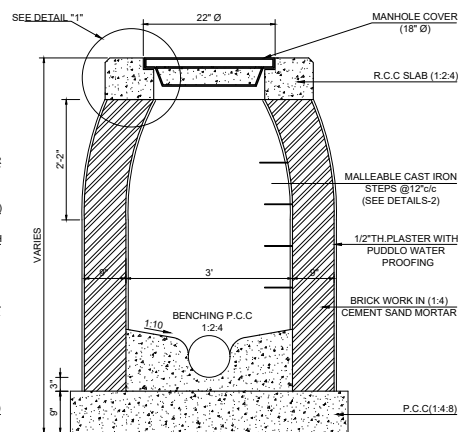
SECTION C1-C1



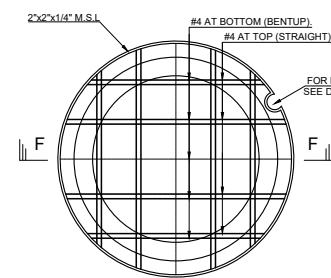
SECTION D-D



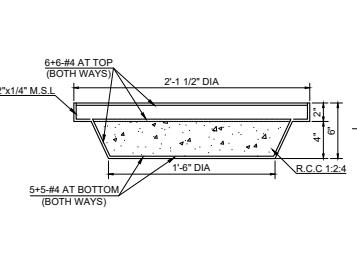
SECTION D1-D1



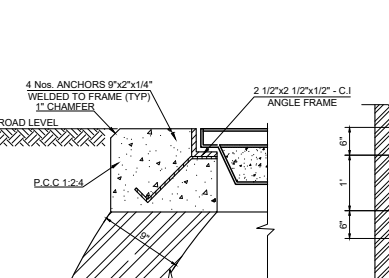
SECTION E-E



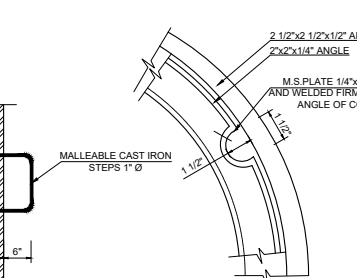
MANHOLE COVER PLAN



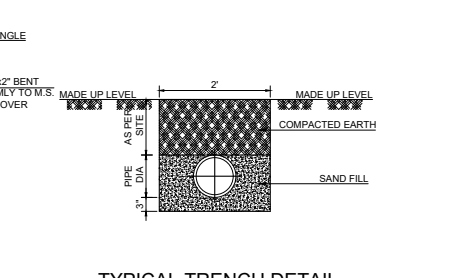
SECTION F-F



DETAIL-1



DETAIL-2



DETAIL-3

TYPICAL TRENCH DETAIL
FOR SEWER LINE

REV.	DATE	REVISIONS	DESCRIPTION
B			
A			

PROJECT LOCATION:
DHA PHASE-8, LAHORE.

PLOT SIZE: 50'-0"X90'-0"
PLOT AREA: 4500 SQFT

PROJECT: PLUMBING DESIGN DRAWINGS FOR
THE PROPOSED AT MRS. SHAMSHAAD

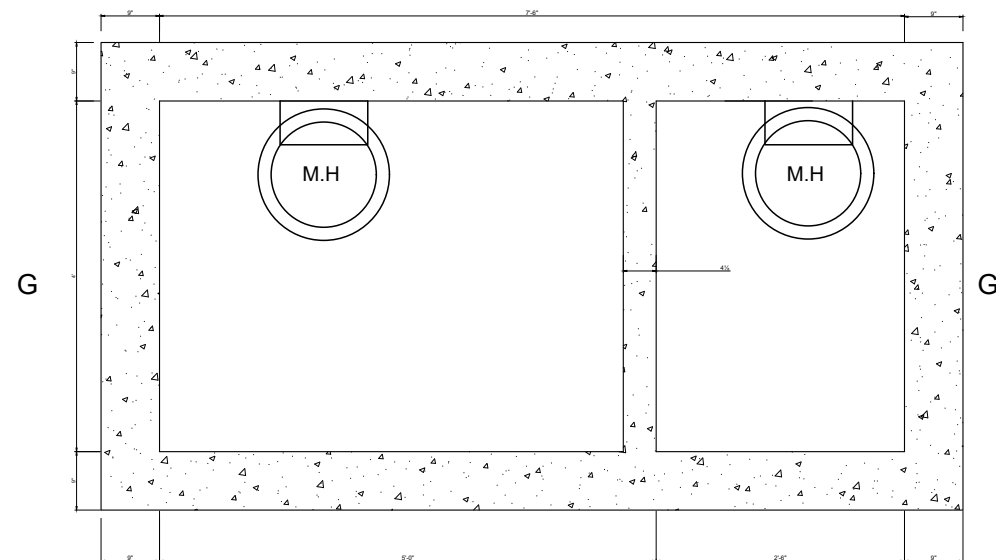
TITLE: GULLY TRAP & MANHOLE DETAILS

DRAWN BY: MUHAMMAD AWAIS	CHECKED BY: RANA MUHAMMAD SAEED	JOB NO:
DATE: MAY 2022	SCALE:	DRAWING NO: M.D-13 SHEET NO. 13/15

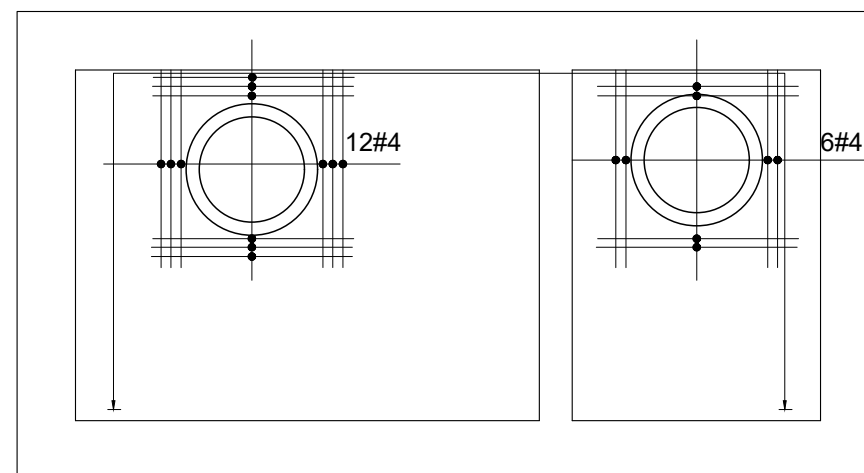
CONSULTANT:



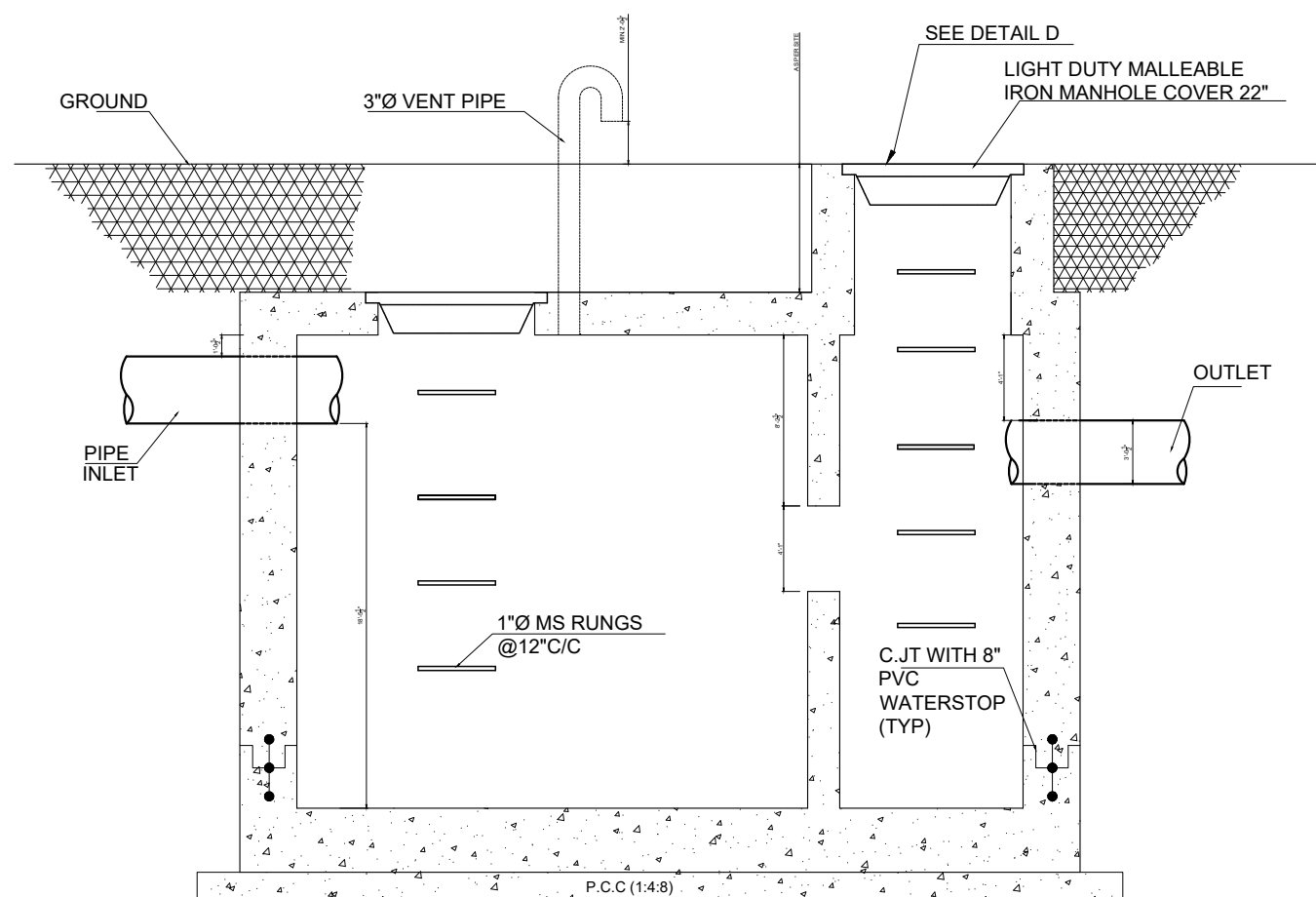
469 BLOCK G 1 JOHAR TOWN LAHORE,
PUNJAB, 54000
WWW.GHARPLANS.PK



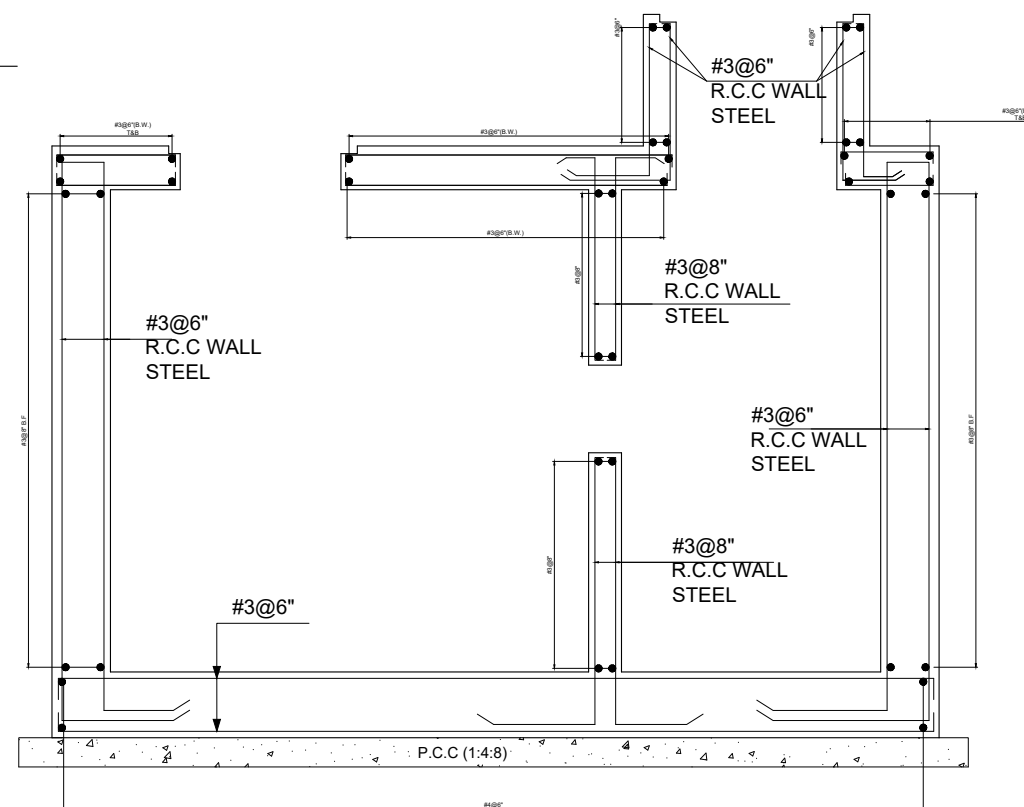
PLAN



PLAN



SECTION G-G



SECTION G-G

REV.	DATE	REVISIONS	DESCRIPTION
B			
A			

PROJECT LOCATION:

DHA PHASE-8, LAHORE.

PLOT SIZE:

50'-0"X90'-0"

PLOT AREA:

4500 SQFT

PROJECT: PLUMBING DESIGN DRAWINGS FOR THE PROPOSED AT MRS. SHAMSHAAD

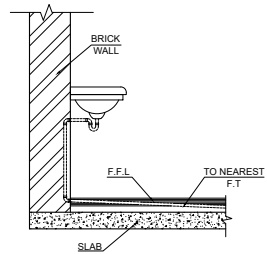
TITLE: TYP SEPTIC TANK PLAN & SECTIONAL DETAILS

DRAWN BY: MUHAMMAD AWAIS
CHECKED BY: RANA MUHAMMAD SAEED
JOB NO:

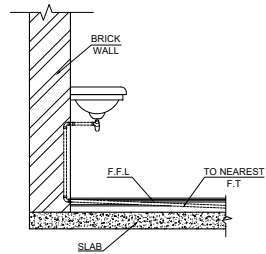
DATE: MAY 2022
SCALE:
DRAWING NO: M.D-14
SHEET NO: 14/15

CONSULTANT:
469 BLOCK G 1 JOHAR TOWN LAHORE,
PUNJAB, 54000
WWW.GHARPLANS.PK

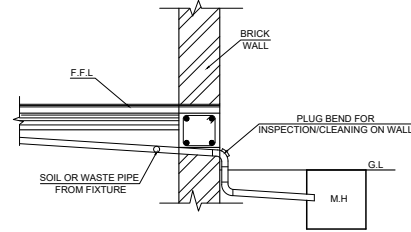




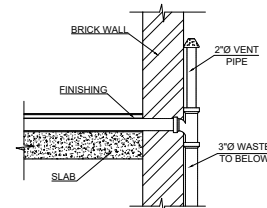
TYP. WASH BASIN TRAP (TYPE1)



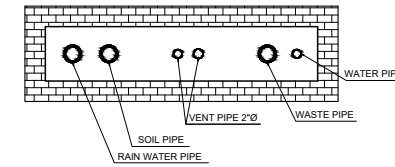
TYP. WASH BASIN TRAP (TYPE-2)



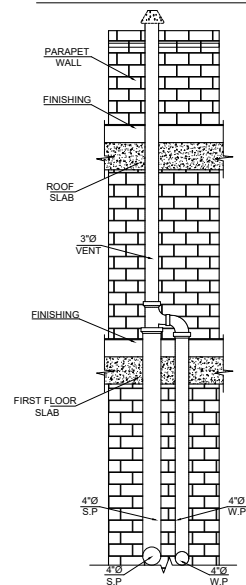
TYP. DETAIL OF INSPECTION EYE BEND ON SOIL OR WASTE PIPE AND ITS CONNECTION TO MAN HOLE



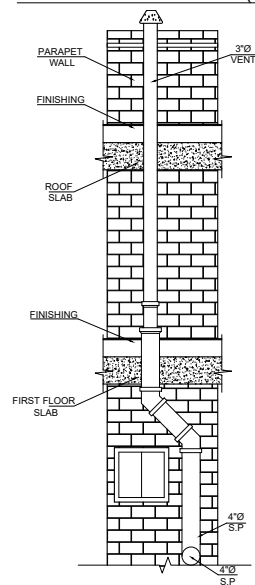
TYP. VENT PIPE DETAIL-(3)



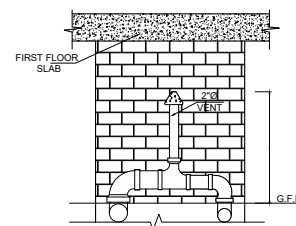
DUCT PLAN



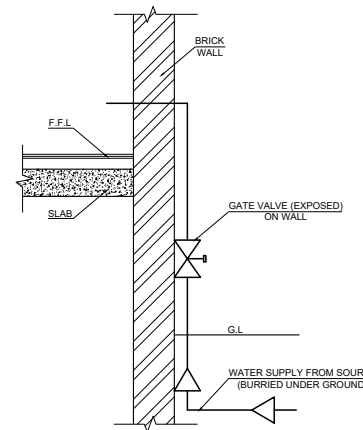
TYP. VENT PIPE DETAIL-(4)



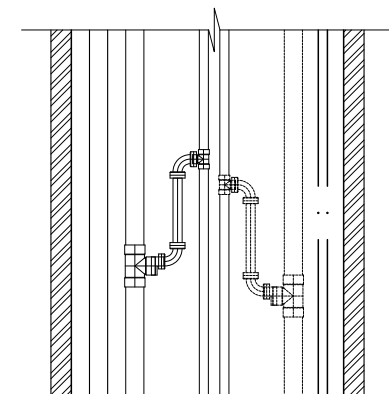
TYP. VENT PIPE DETAIL-(5)



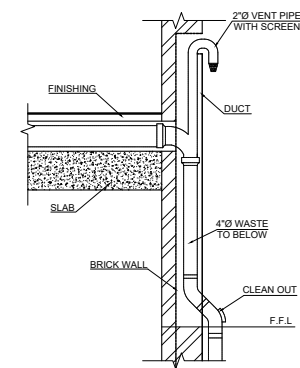
TYP. VENT PIPE DETAIL-(7)



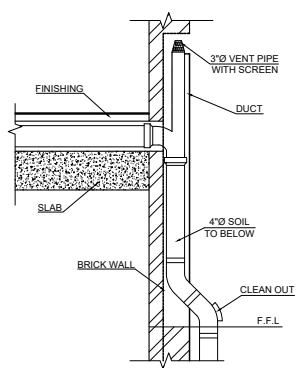
TYP. EXPOSED GATE VALVE



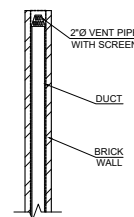
DUCT SECTION



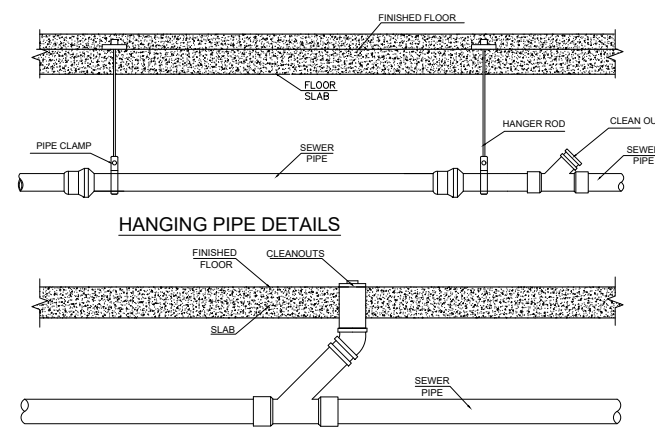
TYP. VENT PIPE DETAIL-(7)



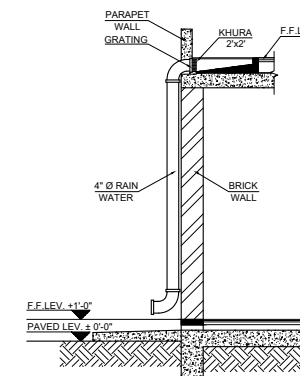
TYP. VENT PIPE DETAIL-(8)



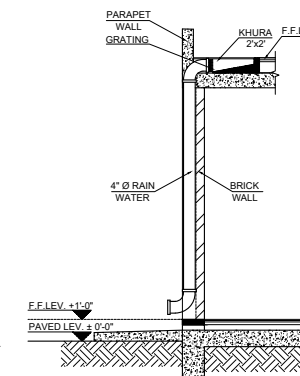
TYP. VENT PIPE DETAIL-(9)



TYPICAL CLEANOUTS



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



TYP. RAIN WATER PIPE & KHURA DETAIL-(11)

B		
A		
REV.	DATE	REVISIONS DESCRIPTION

PROJECT LOCATION:
DHA PHASE-8, LAHORE.

PLOT SIZE: 50'-0"X90'-0"
PLOT AREA: 4500 SQFT

PROJECT: PLUMBING DESIGN DRAWINGS FOR THE PROPOSED AT MRS. SHAMSHAAD

TITLE: MISCELLANEOUS DETAILS

DRAWN BY: MUHAMMAD AWAIS	CHECKED BY: RANA MUHAMMAD SAEED	JOB NO:
DATE: MAY 2022	SCALE:	DRAWING NO: M.D-15 SHEET NO. 15/15

CONSULTANT:
 469 BLOCK G 1 JOHAR TOWN LAHORE, PUNJAB, 54000
WWW.GHARPLANS.PK