

## **DRAWINGS**

PROJECT: SANAWAR STAFF RESIDENCES

CLIENT: THE LAWRENCE SCHOOL, SANAWAR

## LIST OF DRAWINGS

S. NO.	DRAWING NO.	DRAWING TITLE
<b>ALL DRAWINGS</b>		
1	SN/PL/1	SITE PLAN : UPPER GROUND FLOOR
2	SN/SC/1	SITE SECTION
3	SN/PL1/1	UPPER GROUND FLOOR PLAN (3BHK)
4	SN/PL1/2	LOWER GROUND FLOOR PLAN (3BHK)
5	SN/PL1/3	UPPER GROUND FLOOR BRICKWORK PLAN (3BHK)
6	SN/PL1/4	LOWER GROUND FLOOR BRICKWORK PLAN (3BHK)
7	SN/PL2/1	UPPER GROUND FLOOR PLAN (2BHK + STUDIO)
8	SN/PL2/2	LOWER GROUND FLOOR PLAN (2BHK + STUDIO)
9	SN/PL2/3	UPPER GROUND FLOOR BRICKWORK PLAN (2BHK + STUDIO)
10	SN/PL2/4	LOWER GROUND FLOOR BRICKWORK PLAN (2BHK + STUDIO)
11	SN/PL3/1	UPPER GROUND FLOOR PLAN (STUDIO)
12	SN/PL3/2	LOWER GROUND FLOOR PLAN (STUDIO)
13	SN/PL3/3	UPPER GROUND FLOOR BRICKWORK PLAN (STUDIO)
14	SN/PL3/4	LOWER GROUND FLOOR BRICKWORK PLAN (STUDIO)
15	SN/PL/3	ROOF PLAN
16	SN/EL/1	TYPICAL FRONT ELEVATION (3BHK + 2BHK, STUDIO)
17	SN/EL/1A	TYPICAL FRONT ELEVATION (STUDIO)
18	SN/EL/2	EAST ELEVATION
19	SN/EL/3	WEST ELEVATION
20	SN/EL/4	REAR ELEVATION (SOUTH)
21	SN/SC/2	SECTION XX'
22	SN/SC/3	SECTION YY'
23	SN/TD/1	TYPICAL DETAILS: DOOR WINDOW SCHEDULE
24	SN/TD/2	TYPICAL DETAILS: FRONT DOOR DESIGN
25	SN/TD/3	TYPICAL DETAILS: RAILING DETAILS
26	SN/TD/4	TYPICAL DETAILS: TOILET ELEVATIONS
27	SN/PL/2	FLOORING PLAN
28	SN/FS/1	FINISHING SCHEDULE
29	SN/ST/1	STRUCTURAL DRAWING
30	SN/PL/1	PLUMBING SITE PLAN
31	WAC/WS-01	TYPICAL PLUMBING – WATER SUPPLY
32	WAC/PL-01	TYPICAL PLUMBING – DRAINAGE PLAN
33	SN/ELE/1	ELECTRICAL- EXTERNAL LIGHTING LAYOUT OUTDOOR
34	SN/ELE/2	ELECTRICAL - LIGHT & POWER LAYOUT
35	SN/ELE/3	ELECTRICAL- HVAC DRAWING
36	SN/ENE/4	LIGHTING FIXTURES







THIS DRAWING IS THE PROPERTY & COPYRIGHT OF M/S SPACE ACE & NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY MANNER, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE, EXCEPT FOR THE RELATED PROJECT, WITHOUT THE WRITTEN PERMISSION OF M/S SPACE ACE

**NOTE :-**

1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.
2. ALL DIMENSIONS AND LEVELS ARE IN MM.
3. 450-750 WIDE PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.
5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.
6. THE GRADE OF CONCRETE TO BE USED IS M-25.
7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.
8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAYOUT PLAN GOT APPROVED BY ENGR. INCHARGE/ARCHITECT.
9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY THE CONTRACTOR.
10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.

[illegible]

PROJECT:
PROPOSED STAFF QUARTERS AT LAWRENCE SCHOOL, SANAWAR

## SITE ELEVATIONS


**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

~~SECRET~~



○ **SITE ELEVATION**  
FROM ROAD LEVEL

**NOTES:**  
THIS DRAWING IS THE PROPERTY & COPYRIGHT OF M/S SPACE ACE & NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY MANNER, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE, EXCEPT FOR THE RELATED PROJECT, WITHOUT THE WRITTEN PERMISSION OF M/S SPACE ACE.

**NOTE:**  
1. TO CHECK SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
3. 450 TOE WISE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
4. SKIRTING SHALL BE 150MM HIGH FROM FINISHED FLOOR LEVEL.  
5. TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM DOWN FROM GENERAL FLOOR LEVEL.  
6. THE GRADE OF CONCRETE TO BE USED IS M-20.  
7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 225 X 115 X 75 MM.  
8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN (NOT APPROVED BY ENCL. MICHAMUSE ARCHITECTS).  
9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.

REVISIONS:		
S.NO.	DATE	DESCRIPTION

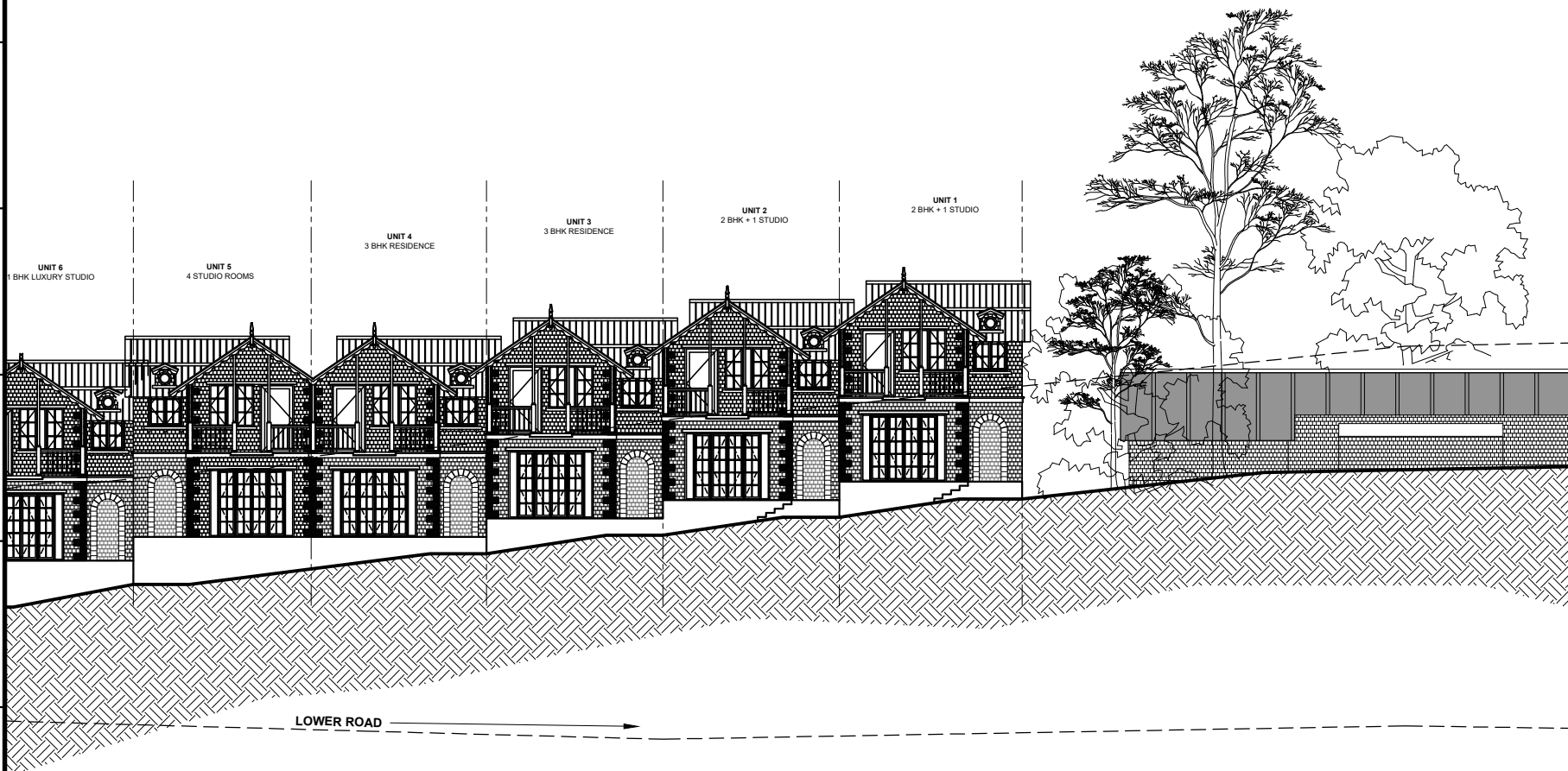
DRAWN BY	DRG. NO.	CHECKED BY
RIYA	SN/SC/1	VK
DATE	SCALE	
09.01.2020	1:150	

PROJECT:  
PROPOSED STAFF QUARTERS AT LAWRENCE SCHOOL, SANAWAR

DRAWING TITLE:  
SITE ELEVATION :  
FROM ROAD LEVEL

--	--

ARCHITECTS:  
**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS



 **SITE ELEVATION**  
FROM PLINTH LEVEL

**NOTES:**  
THIS DRAWING IS THE PROPERTY & COPYRIGHT OF M/S SPACE ACE & NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY MANNER, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE, EXCEPT FOR THE RELATED PROJECT, WITHOUT THE WRITTEN PERMISSION OF M/S SPACE ACE.

**NOTE:**  
1. TO GET SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
3. 450-750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
4. SKIRTING SHALL BE 10MM HIGH FROM FINISHED FLOOR LEVEL.  
5. TOILET PARTNER, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.  
6. THE GRADE OF CONCRETE TO BE USED IS M-25.  
7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 225 X 113 X 75 MM.  
8. LOCATION, SIZE & LEVEL OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN (NOT APPROVED BY ENG. MACHANDU ARCHITECTS).  
9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.

REVISIONS:		
S.NO.	DATE	DESCRIPTION

DRAWN BY	DRG. NO.	CHECKED BY
RIYA	SN/SC/1	VK
DATE	SCALE	
09.01.2020	1:150	

PROJECT:  
PROPOSED STAFF QUARTERS AT LAWRENCE SCHOOL, SANAWAR

DRAWING TITLE:  
SITE ELEVATION :  
FROM PLINTH LEVEL

ARCHITECTS:

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

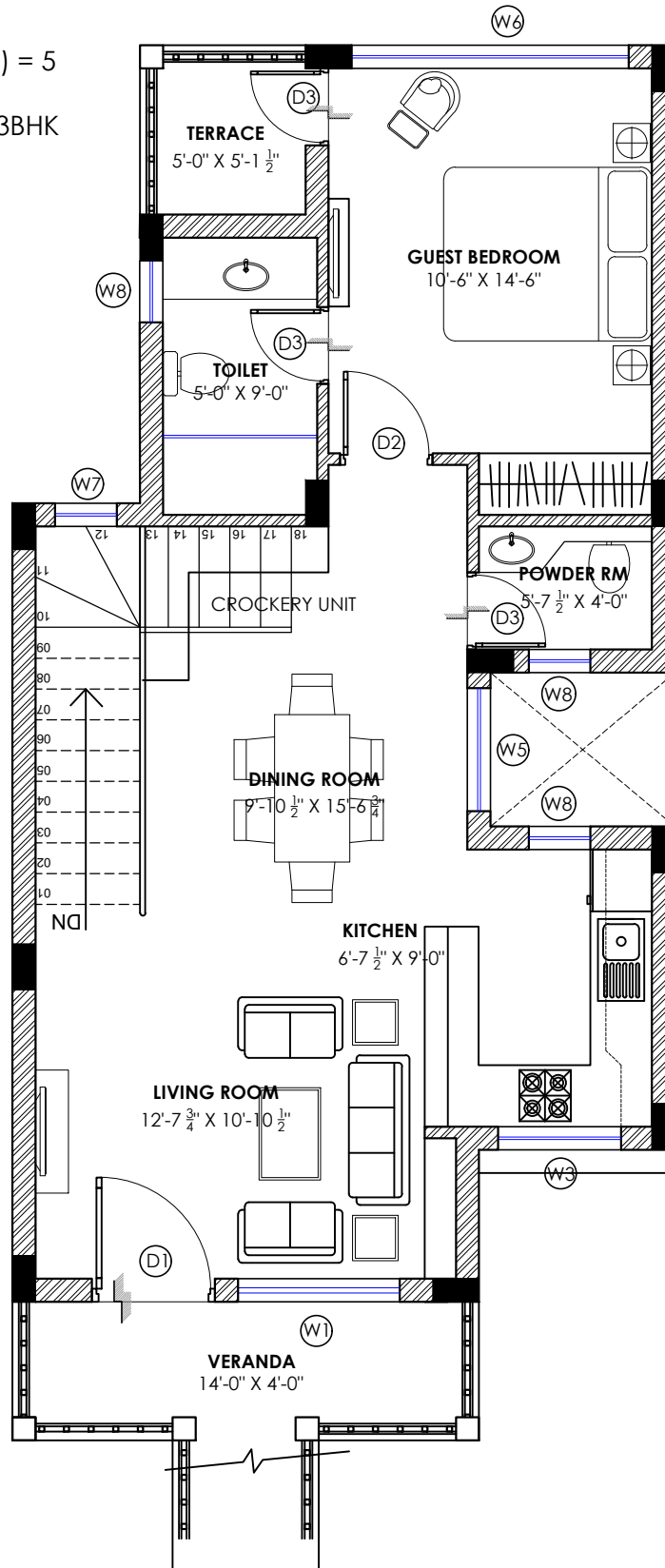
V - 20A / 5,  
D.I.F. CITY III,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL - spaceace.india@gmail.com



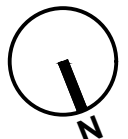
# 3-BHK UNIT

TOTAL UNITS(AS PER SITE PLAN) = 5

EACH UNIT CONTAINS :- ONE 3BHK  
TOTAL 3 BHK = 5 UNITS



UPPER GROUND FLOOR PLAN  
FLOOR AREA = 720.73 SQ.FT



NOTE :-  
1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.  
2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.  
3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.  
5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.  
6. CURBROADS SHALL HAVE SKIRTING OF 100 MM. HIGH.  
7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. IN CHARGE.  
8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

REVISION:			DRAWN BY	
S.NO.	DATE	DESCRIPTION	DATE	
			12.02.2020	
		SCALE	1:50	
		DRG.NO.	SN/PL1/1	
		JOB. NO.	1	
		CHECKED BY	VK	

DRAWING TITLE:  
3-BHK  
FLOOR PLAN LAYOUT

PROJECT:  
PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

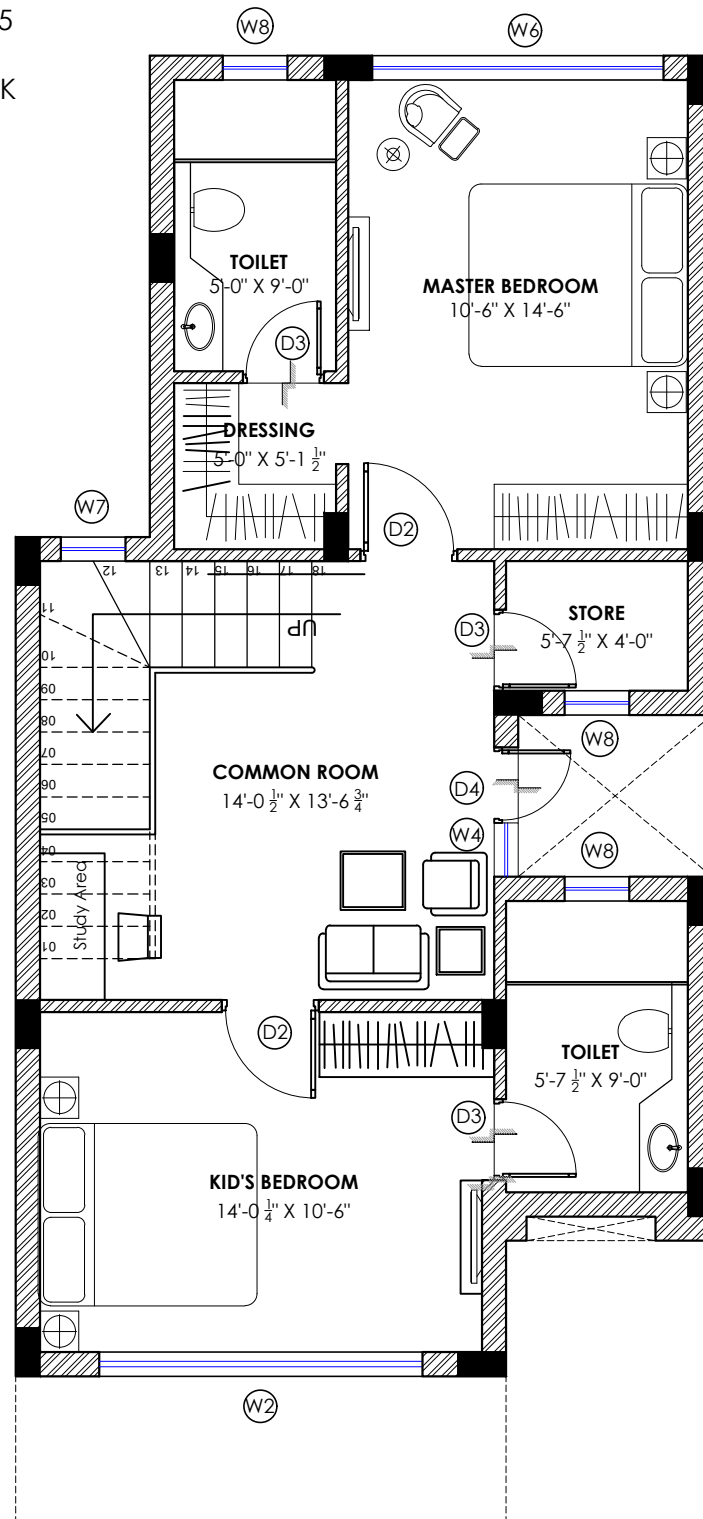
**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

V-20A / 5,  
D.L.F. CITY II,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL - spaceace.india@gmail.com

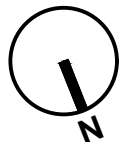
# 3-BHK UNIT

TOTAL UNITS(AS PER SITE PLAN) = 5

EACH UNIT CONTAINS :- ONE 3BHK  
TOTAL 3 BHK = 5 UNITS



LOWER GROUND FLOOR PLAN  
FLOOR AREA = 750.29 SQ.FT



## NOTE :-

1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.
2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.
3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.
5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.
6. CURBROADS SHALL HAVE SKIRTING OF 100 MM. HIGH.
7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. IN CHARGE.
8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

## REVISION:

S.NO.	DATE	DESCRIPTION	DATE
1	12.02.2020	SCALE	1:50
2		DRG.NO.	SN/PL1/2
3		JOB. NO.	2
4		CHECKED BY	VK

## DRAWN BY

RIYA

## DRAWING TITLE:

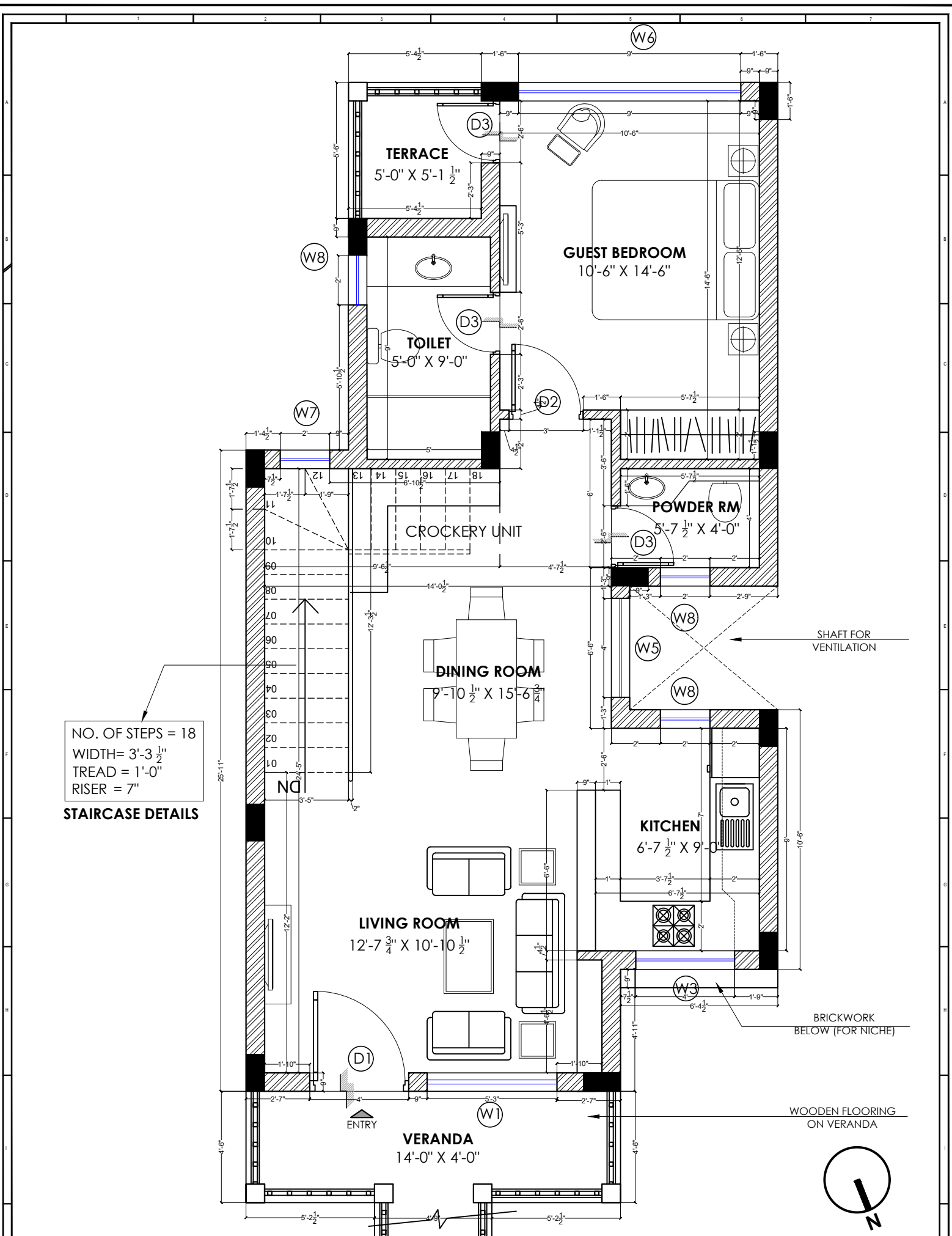
3-BHK  
FLOOR PLAN LAYOUT

## PROJECT:

PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

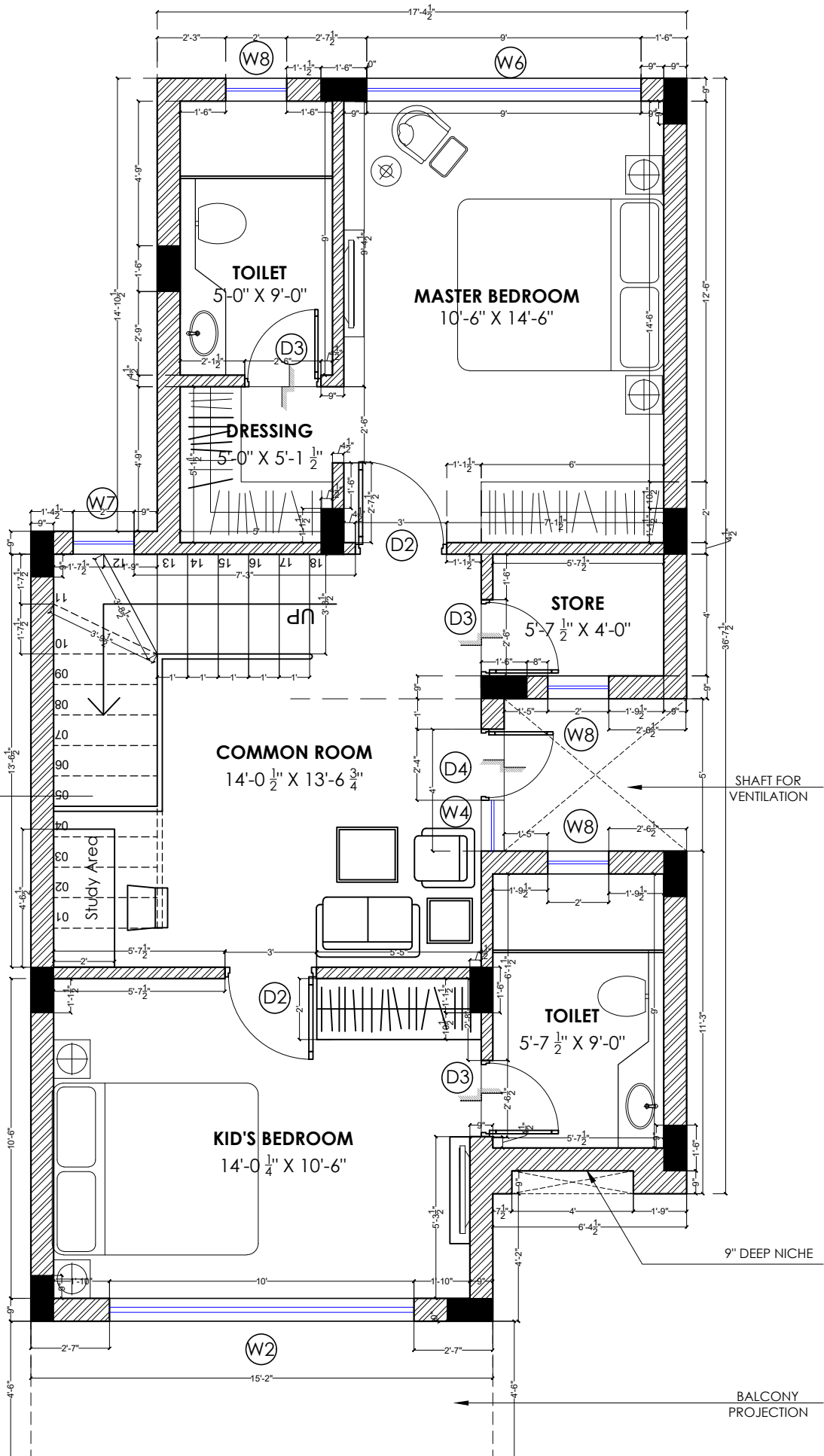
V-20A / 5,  
D.L.F. CITY II,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL : spceace.india@gmail.com



<b>REVISION:</b> S.NO. DATE DESCRIPTION 1. 12.02.2020 SCALE 1:50 2. SN/PL1/3 3. JOB. NO. 2 4. CHECKED BY VK		<b>DRAWN BY:</b> RIYA <b>DATE:</b> 12.02.2020 <b>SCALE:</b> 1:50 <b>DRG.NO.:</b> SN/PL1/3 <b>JOB. NO.:</b> 2 <b>CHECKED BY:</b> VK		<b>DRAWING TITLE:</b> 3-BHK UPPER GROUND FLOOR BRICKWORK PLAN		<b>PROJECT:</b> PROPOSED STAFF RESIDENCE AT LAWRENCE SCHOOL, SANAWAR		<b>SPACE ACE</b> ARCHITECTS, ENGINEERS & PLANNERS V-20A / 5, DLF, CITY II, GURGAON, HARYANA - 122002 PH - 0124-4106618, FAX: 0124-2365329 E-MAIL : spspacece.india@gmail.com	
--	--	---	--	--	--	---	--	--	--

NO. OF STEPS = 18  
 WIDTH = 3'-3 1/2"  
 TREAD = 1'-0"  
 RISER = 7"

**STAIRCASE DETAILS**



NOTE :-  
 1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.  
 3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. CURB/GARDENS SHALL HAVE SKIRTING OF 100 MM. HIGH.  
 7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. INCHARGE.  
 8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

**REVISION:-**

S.NO.	DATE	DESCRIPTION

**DRAWN BY**

DATE	12.02.2020
SCALE	1:50
DRG.NO.	SN/PL1/4
JOB. NO.	1
CHECKED BY	VK

**RIYA**

**DRAWING TITLE:**

3-BHK  
 LOWER GROUND FLOOR  
 BRICKWORK PLAN

**PROJECT:**

PROPOSED  
 STAFF RESIDENCE AT  
 LAWRENCE SCHOOL, SANAWAR

**SPACE ACE**  
 ARCHITECTS, ENGINEERS & PLANNERS

V-20A / 5,  
 DLF, CITY III,  
 GURGAON, HARYANA - 122002  
 PH - 0124-4106618, FAX: 0124-2365329  
 E-MAIL - spaceace.india@gmail.com

# 2BHK+1STUDIO APARTMENT

## NOTE:

TOTAL AREA OF STUDIO = 367.03 Sq.ft

TOTAL AREA OF 2BHK = 1103.98 Sq.ft

TOTAL UNITS(AS PER SITE PLAN) = 5

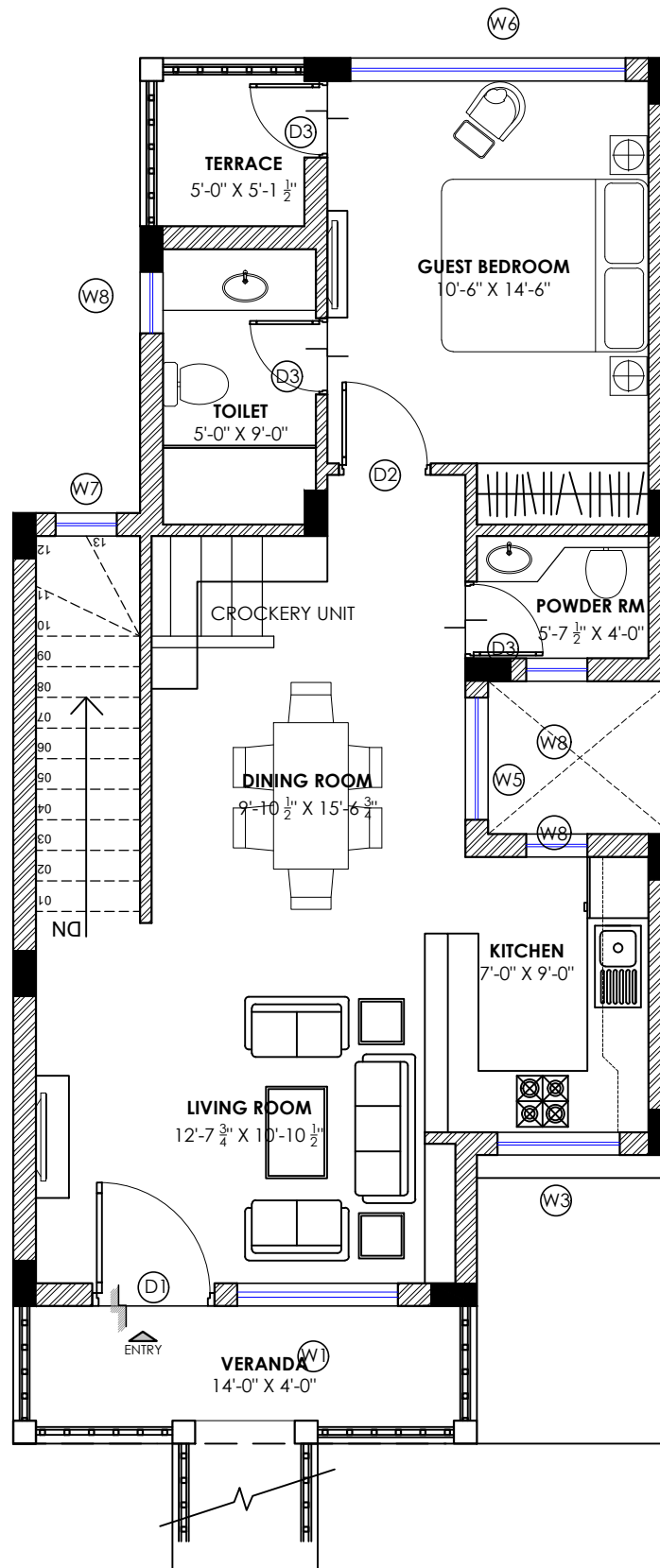
EACH UNIT CONTAINS :-

ONE 2BHK (DUPLEX) + 1 STUDIO APT.

HENCE,

TOTAL 2 BHK = 5 NO.s

TOTAL STUDIO'S = 5 NO.s



UPPER GROUND FLOOR PLAN  
FLOOR AREA = 720.73 SQ.FT

## NOTE:-

1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.
2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.
3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.
5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.
6. CURBROADS SHALL HAVE SKIRTING OF 100 MM. HIGH.
7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. INCHARGE.
8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

## REVISION:

S.NO.	DATE	DESCRIPTION	DATE
1	13.02.2020	SCALE	1:50
2		DRG.NO.	SN/PL2/1
3		JOB. NO.	
4		CHECKED BY	VK

## DRAWN BY

RIYA
13.02.2020
SCALE
1:50
DRG.NO.
SN/PL2/1
JOB. NO.
CHECKED BY
VK

## DRAWING TITLE:

2-BHK+1 STUDIO APT.  
FLOOR PLAN LAYOUT

## PROJECT:

PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

V-20A / 5,  
D.L.F. CITY II,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL : spaceace.india@gmail.com



# 2BHK+1STUDIO APARTMENT

NOTE:

TOTAL AREA OF STUDIO = 367.03 Sq.ft

TOTAL AREA OF 2BHK = 1103.98 Sq.ft

TOTAL UNITS (AS PER SITE PLAN) = 5

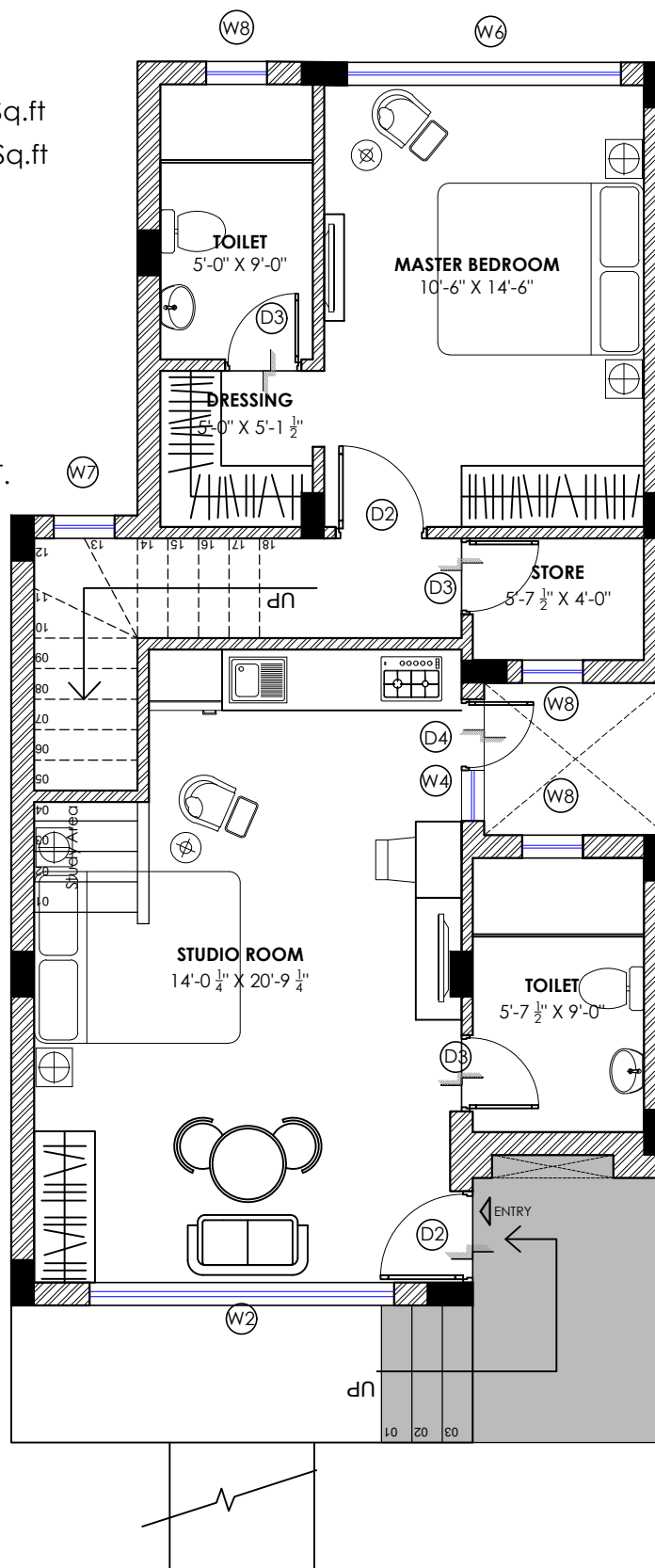
EACH UNIT CONTAINS :-

ONE 2BHK (DUPLEX) + 1 STUDIO APT.

HENCE,

TOTAL 2 BHK = 5 NO.s

TOTAL STUDIO'S = 5 NO.s



LOWER GROUND FLOOR PLAN  
FLOOR AREA = 750.29 SQ.FT

NOTE:-

1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.
2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.
3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.
5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.
6. CURBROADS SHALL HAVE SKIRTING OF 100 MM. HIGH.
7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. IN CHARGE.
8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

REVISION:

S.NO.	DATE	DESCRIPTION

DRAWN BY

DATE	13.02.2020
SCALE	1:50
DRG.NO.	SN/PL2/2
JOB. NO.	
CHECKED BY	VK

RIYA

DATE	13.02.2020
SCALE	1:50
DRG.NO.	SN/PL2/2
JOB. NO.	
CHECKED BY	VK

DRAWING TITLE:

2-BHK+1 STUDIO APT.  
FLOOR PLAN LAYOUT

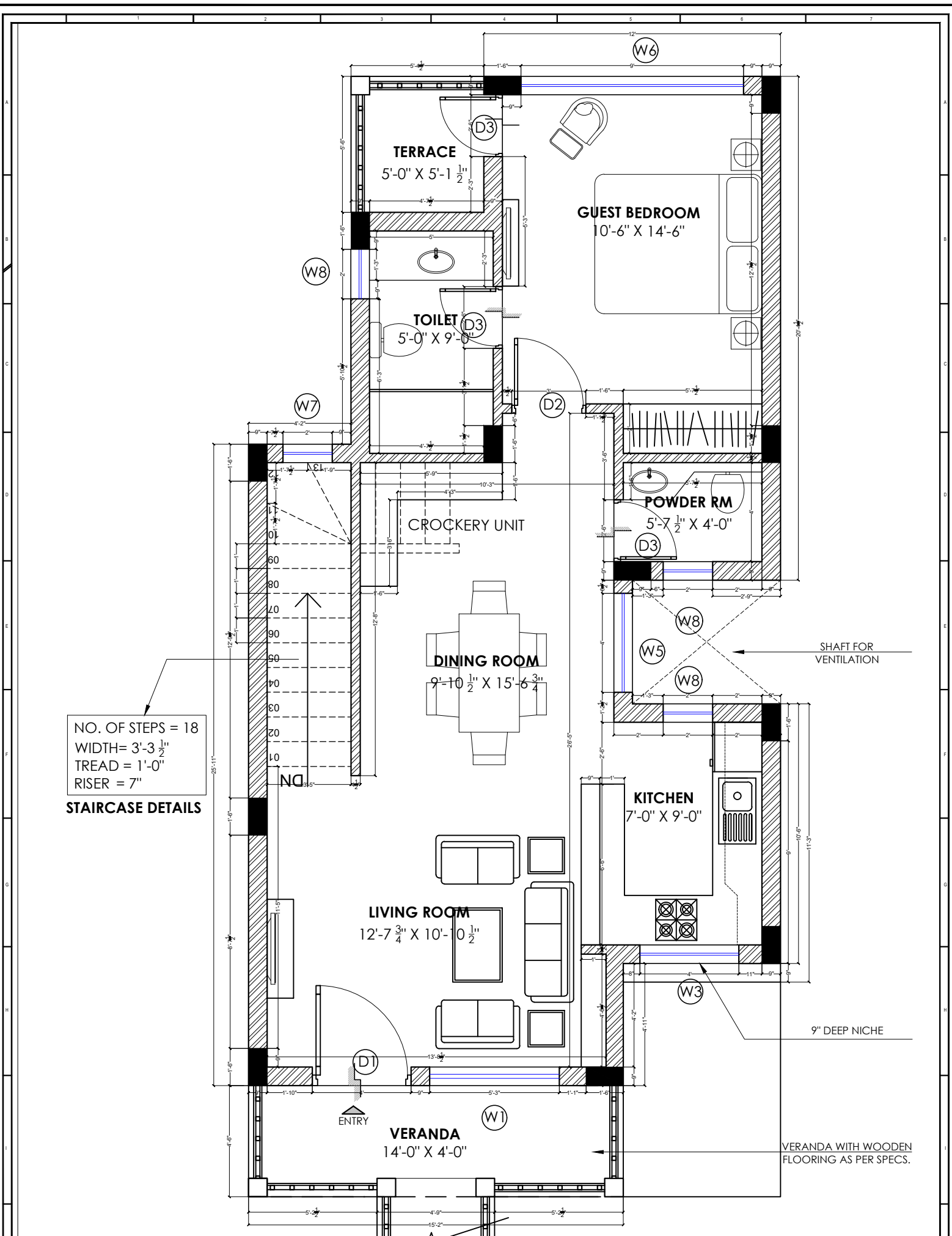
PROJECT:

PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS



V-20A / 5,  
D.L.F. CITY III,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL - spaceace.india@gmail.com



NO. OF STEPS = 18  
 WIDTH = 3'-3 1/2"  
 TREAD = 1'-0"  
 RISER = 7"  
**STAIRCASE DETAILS**

**NOTE :-**  
 1. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.  
 3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. CURBROADS SHALL HAVE SKIRTING OF 100 MM. HIGH.  
 7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. IN CHARGE.  
 8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

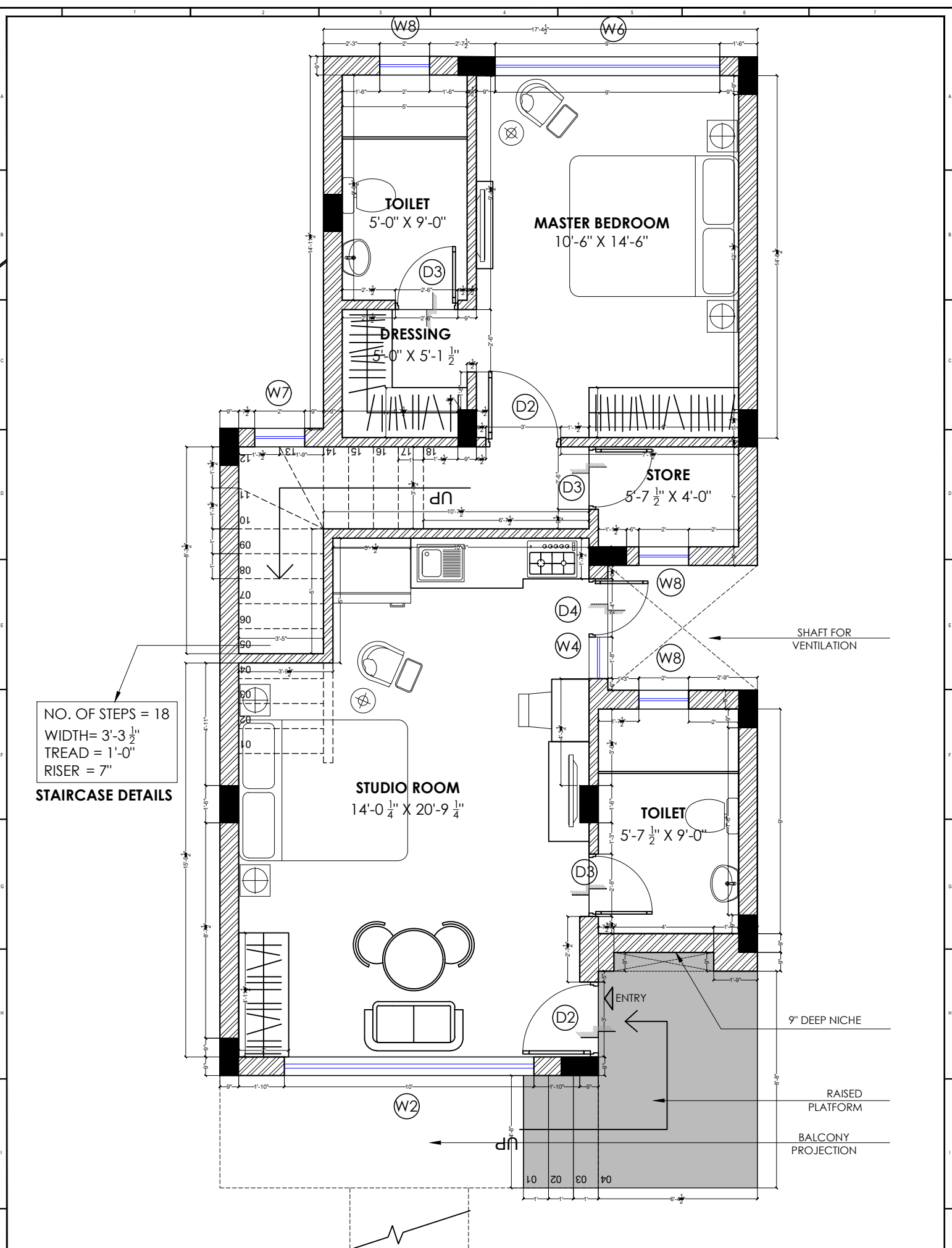
REVISION:			DRAWN BY	
S.NO.	DATE	DESCRIPTION	DATE	
			13.02.2020	
			SCALE	1:50
			DRG.NO.	SN/PL2/3
			JOB. NO.	
			CHECKED BY	VK

**DRAWING TITLE:**  
 2-BHK+1 STUDIO APT.  
 UPPER GROUND FLOOR  
 BRICKWORK PLAN

**PROJECT:**  
 PROPOSED  
 STAFF RESIDENCE AT  
 LAWRENCE SCHOOL, SANAWAR


**SPACE ACE**  
 ARCHITECTS, ENGINEERS & PLANNERS

V-20A / 5,  
 DLF, CITY II,  
 GURGAON, HARYANA - 122002  
 PH - 0124-4106618, FAX: 0124-2365329  
 E-MAIL - spaceace.india@gmail.com



NO. OF STEPS = 18  
 WIDTH = 3'-3 1/2"  
 TREAD = 1'-0"  
 RISER = 7"

**STAIRCASE DETAILS**

<div>NOTE :-</div> <div>1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.</div> <div>2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.</div> <div>3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.</div> <div>4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.</div> <div>5. TOILET PANTRY, KITCHEN VERANDAH &amp; BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.</div> <div>6. CURBGRANDES SHALL HAVE SKIRTING OF 100 MM. HIGH.</div> <div>7. LOCATION, SIZES &amp; LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. INCHARGE.</div> <div>8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.</div>	REVISION:		DRAWN BY		RIYA	DRAWING TITLE:		PROJECT:	<div>SPACE ACE</div> <div>ARCHITECTS, ENGINEERS &amp; PLANNERS</div> <div></div> <div>V - 20A / 5, D.L.F. CITY II, GURGAON, HARYANA - 122002 PH - 0124-4106618, FAX: 0124-2365329 E-MAIL : spaceace.india@gmail.com</div>
	S.NO.	DATE	DATE	13.02.2020	2-BHK+1 STUDIO APT. LOWER GROUND FLOOR BRICKWORK PLAN		PROPOSED STAFF RESIDENCE AT LAWRENCE SCHOOL, SANAWAR		
			SCALE	1:50					
			DRG.NO.	SN/PL2/4					
			JOB. NO.						
		CHECKED BY	VK						

# 4-STUDIO APARTMENTS

AREA OF STUDIO-1 = 253.90 Sq.ft

AREA OF STUDIO-2 = 330.47 Sq.ft

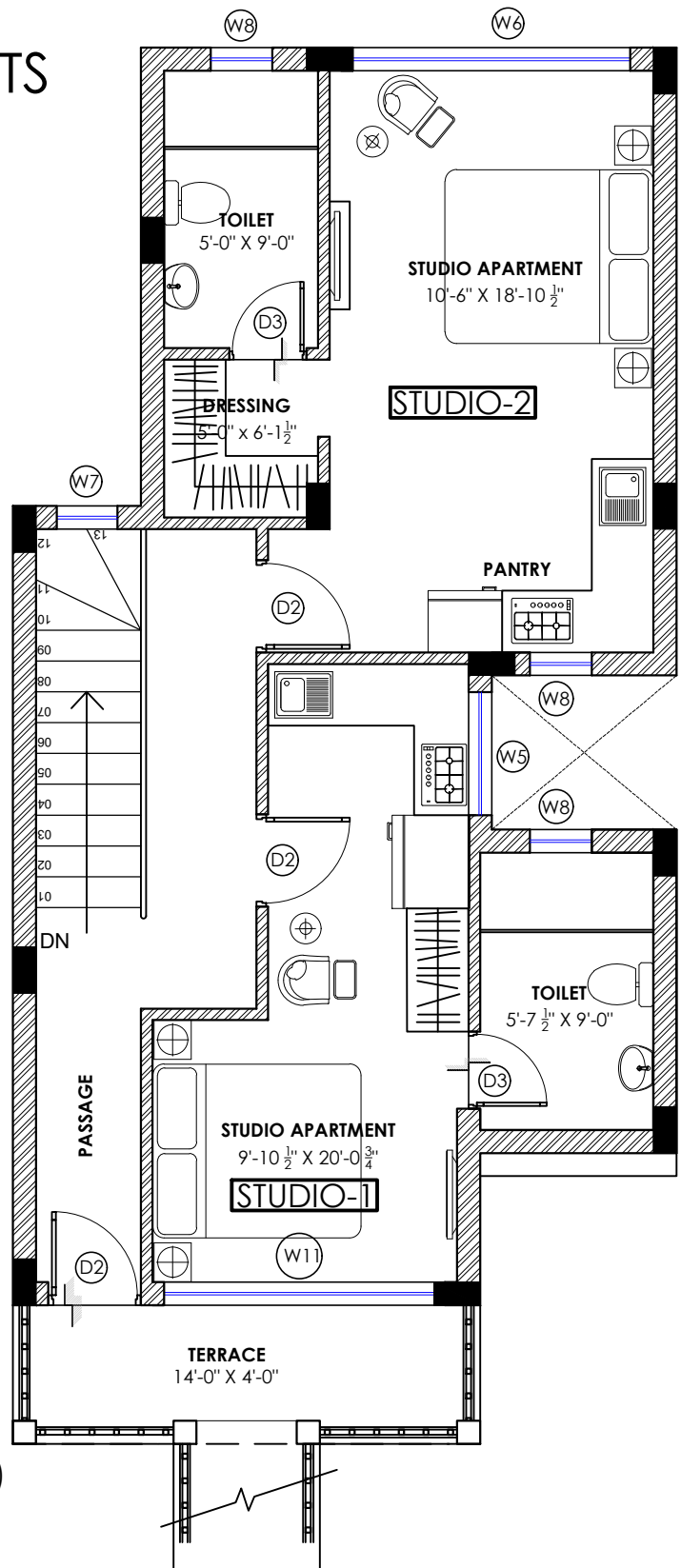
AREA OF STUDIO-3 = 303.50 Sq.ft

AREA OF STUDIO-4 = 368.95 Sq.ft

CIRCULATION = 243.72 Sq.ft

TOTAL UNITS(AS PER SITE PLAN) = 5

EACH UNIT CONTAINS :- TWO STUDIO APT.  
TOTAL STUDIO APT. = 20 UNITS



UPPER GROUND FLOOR PLAN (STUDIO 3 & 4)  
FLOOR AREA = 750.29 SQ.FT

NOTE :-

1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.
2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.
3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.
5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.
6. CURBROADS SHALL HAVE SKIRTING OF 100 MM. HIGH.
7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. IN CHARGE.
8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

## REVISION:

S.NO.	DATE	DESCRIPTION

## DRAWN BY

DATE	13.02.2020
SCALE	1:50
DRG.NO.	SN/PL3/1
JOB. NO.	
CHECKED BY	VK

RIYA

## DRAWING TITLE:

STUDIO APT.  
FLOOR PLAN LAYOUT

## PROJECT:

PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

V-20A / 5,  
D.L.F. CITY II,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL - spaceace.india@gmail.com

# 4-STUDIO APARTMENTS

AREA OF STUDIO-1 = 253.90 Sq.ft

AREA OF STUDIO-2 = 330.47 Sq.ft

AREA OF STUDIO-3 = 303.50 Sq.ft

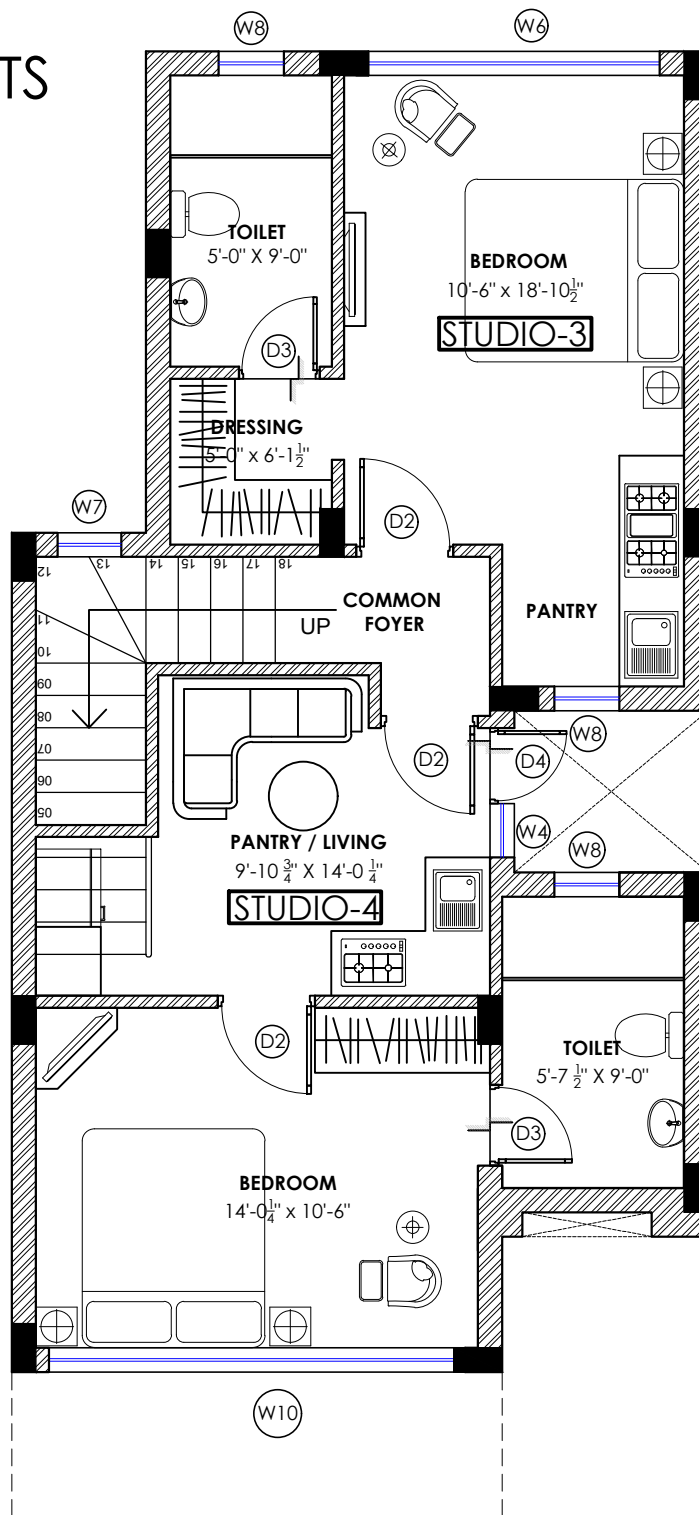
AREA OF STUDIO-4 = 368.95 Sq.ft

CIRCULATION = 243.72 Sq.ft

TOTAL UNITS (AS PER SITE PLAN) = 5

EACH UNIT CONTAINS :- TWO STUDIO APT.

TOTAL STUDIO APT. = 20 UNITS



LOWER GROUND FLOOR PLAN (STUDIO 3 & 4)

FLOOR AREA = 750.29 SQ.FT

NOTE :-

1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.
2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.
3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.
5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.
6. CURBROADS SHALL HAVE SKIRTING OF 100 MM. HIGH.
7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. IN CHARGE.
8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

## REVISION:

S.NO.	DATE	DESCRIPTION	DATE
			13.02.2020
		SCALE	1:50
		DRG.NO.	SN/PL3/2
		JOB. NO.	
		CHECKED BY	VK

DRAWN BY

RIYA

DRAWING TITLE:

STUDIO APT.  
FLOOR PLAN LAYOUT

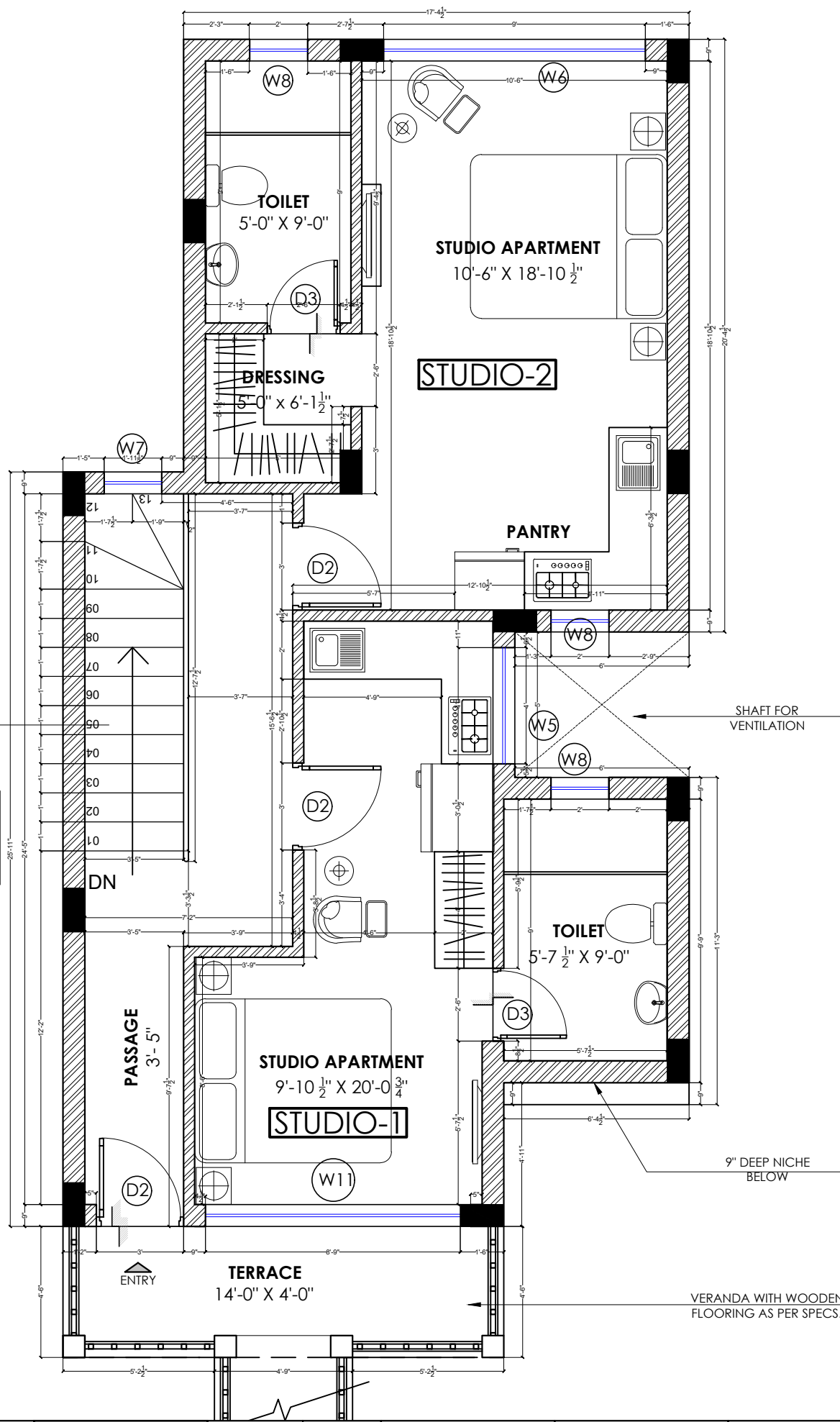
PROJECT:

PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

**SPACE ACE**

ARCHITECTS, ENGINEERS & PLANNERS

V - 20A / 5,  
D.L.F. CITY II,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL - spaceace.india@gmail.com



NO. OF STEPS = 18  
 WIDTH = 3'-3 1/2"  
 TREAD = 1'-0"  
 RISER = 7"  
**STAIRCASE DETAILS**

**NOTE :-**  
 1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.  
 3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. CURB/GARDENS SHALL HAVE SKIRTING OF 100 MM. HIGH.  
 7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. INCHARGE.  
 8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

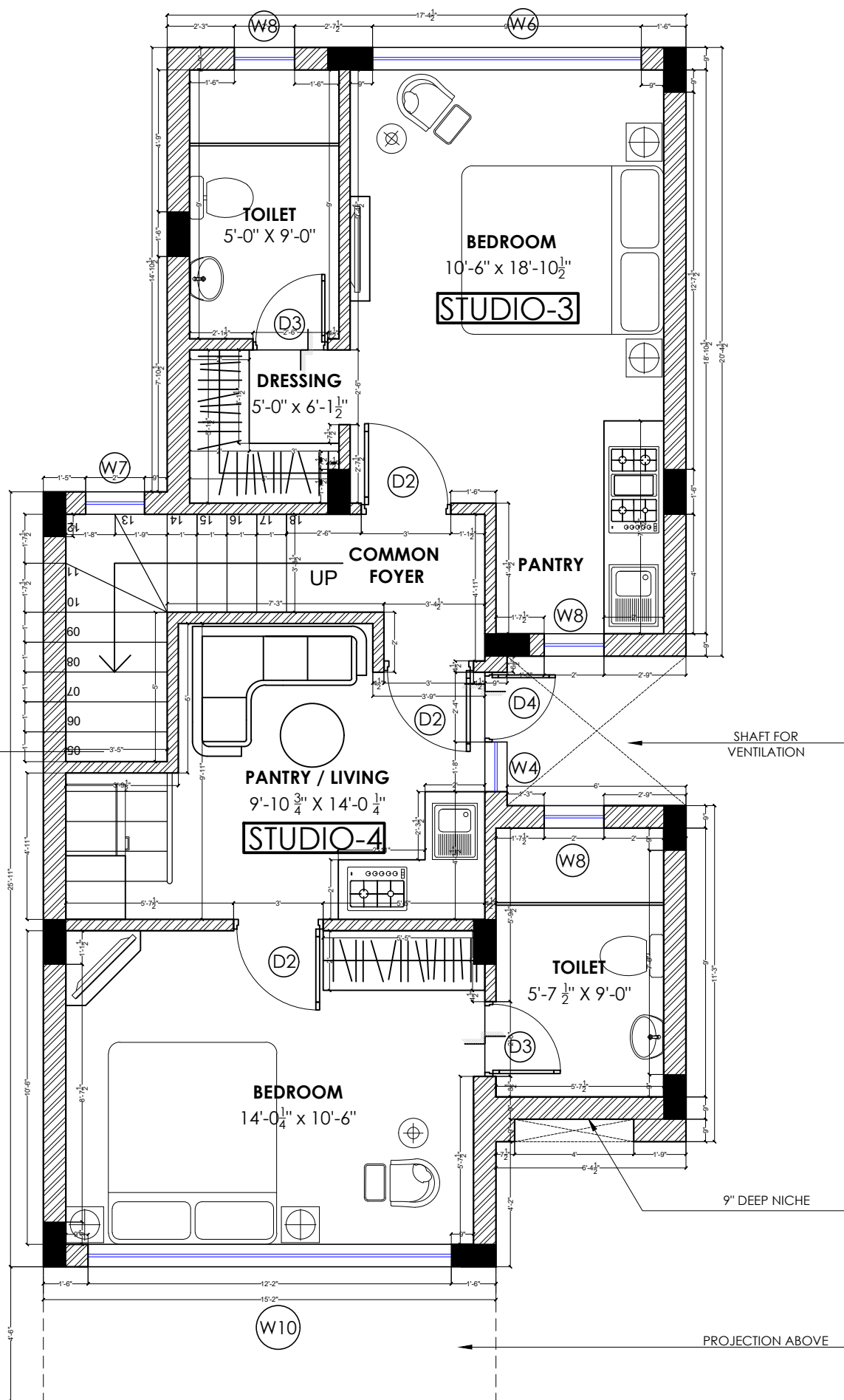
REVISION:			DRAWN BY	
S.NO.	DATE	DESCRIPTION	DATE	13.02.2020
			SCALE	1:50
			DRG.NO.	SN/PL3/3
			JOB. NO.	
			CHECKED BY	VK

**DRAWING TITLE:**  
 STUDIO APT.  
 UPPER GROUND FLOOR  
 BRICKWORK PLAN

**PROJECT:**  
 PROPOSED  
 STAFF RESIDENCE AT  
 LAWRENCE SCHOOL, SANAWAR

**SPACE ACE**  
 ARCHITECTS, ENGINEERS & PLANNERS

V-20A / 5,  
 DLF, CITY II,  
 GURGAON, HARYANA - 122002  
 PH - 0124-4106618, FAX: 0124-2365329  
 E-MAIL : spaceace.india@gmail.com



**NOTE :-**  
1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.  
2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.  
3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.  
5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.  
6. CURBGRANDES SHALL HAVE SKIRTING OF 100 MM. HIGH.  
7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. INCHARGE.  
8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

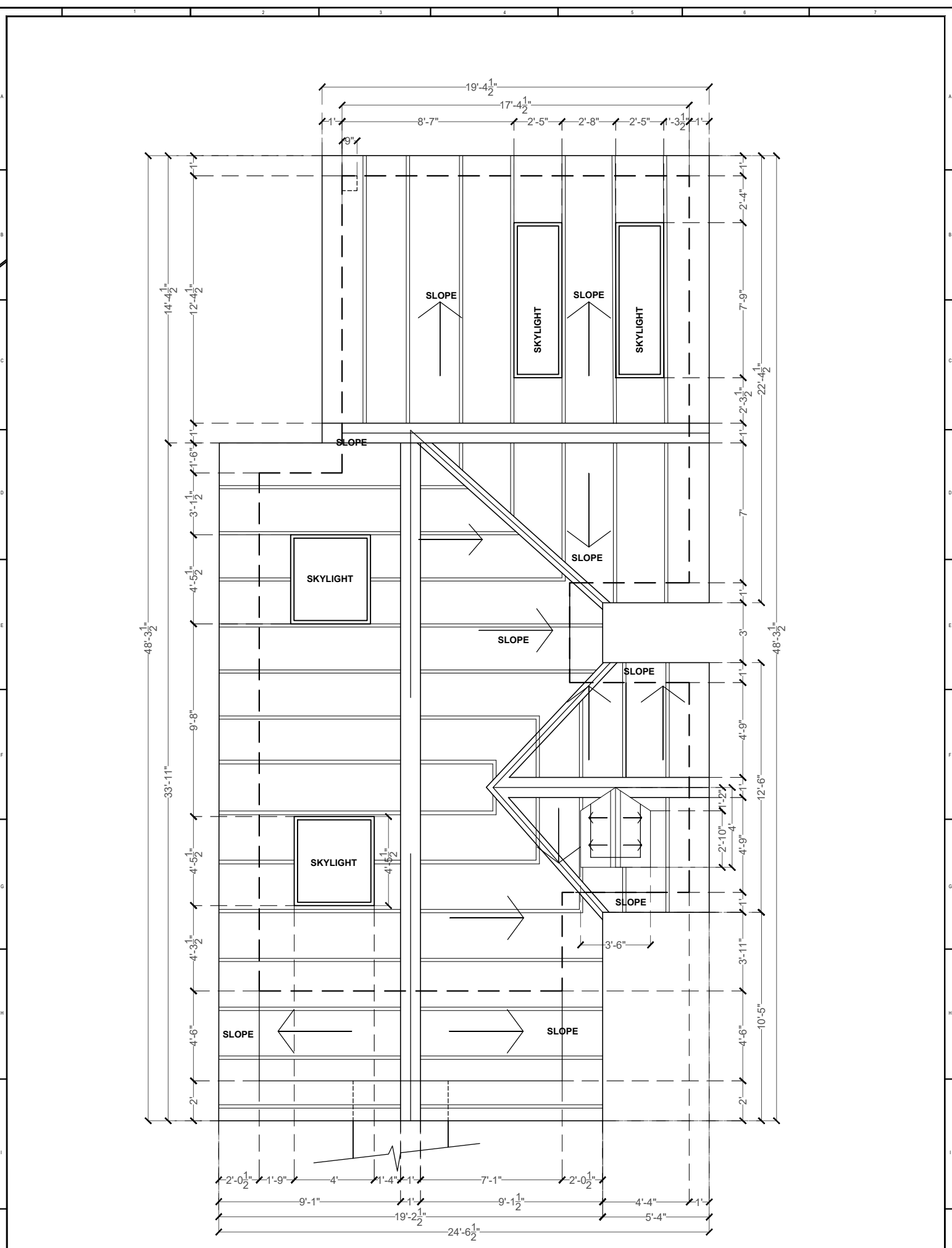
REVISION:			DRAWN BY	
S.NO.	DATE	DESCRIPTION	DATE	RIYA
				13.02.2020
				SCALE
				1:50
				DRG.NO.
				SN/PL3/4
				JOB. NO.
				CHECKED BY
				VK

**DRAWING TITLE:**  
STUDIO APT.  
LOWER GROUND FLOOR  
BRICKWORK PLAN

**PROJECT:**  
PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

V-20A / 5,  
D.L.F. CITY II,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL : spspacece.india@gmail.com



NOTE :-  
1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.  
2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.  
3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.  
5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.  
6. CURBROADS SHALL HAVE SKIRTING OF 100 MM. HIGH.  
7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. IN CHARGE.  
8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

REVISION:			DRAWN BY	VIDUSHI
S.NO.	DATE	DESCRIPTION	DATE	12.02.2020
			SCALE	1:50
			DRG.NO.	SN/PL/3
			JOB. NO.	1
			CHECKED BY	VK

DRAWING TITLE:  
TYPICAL ROOF PLAN (3BHK + 2BHK, STUDIO + STUDIO)

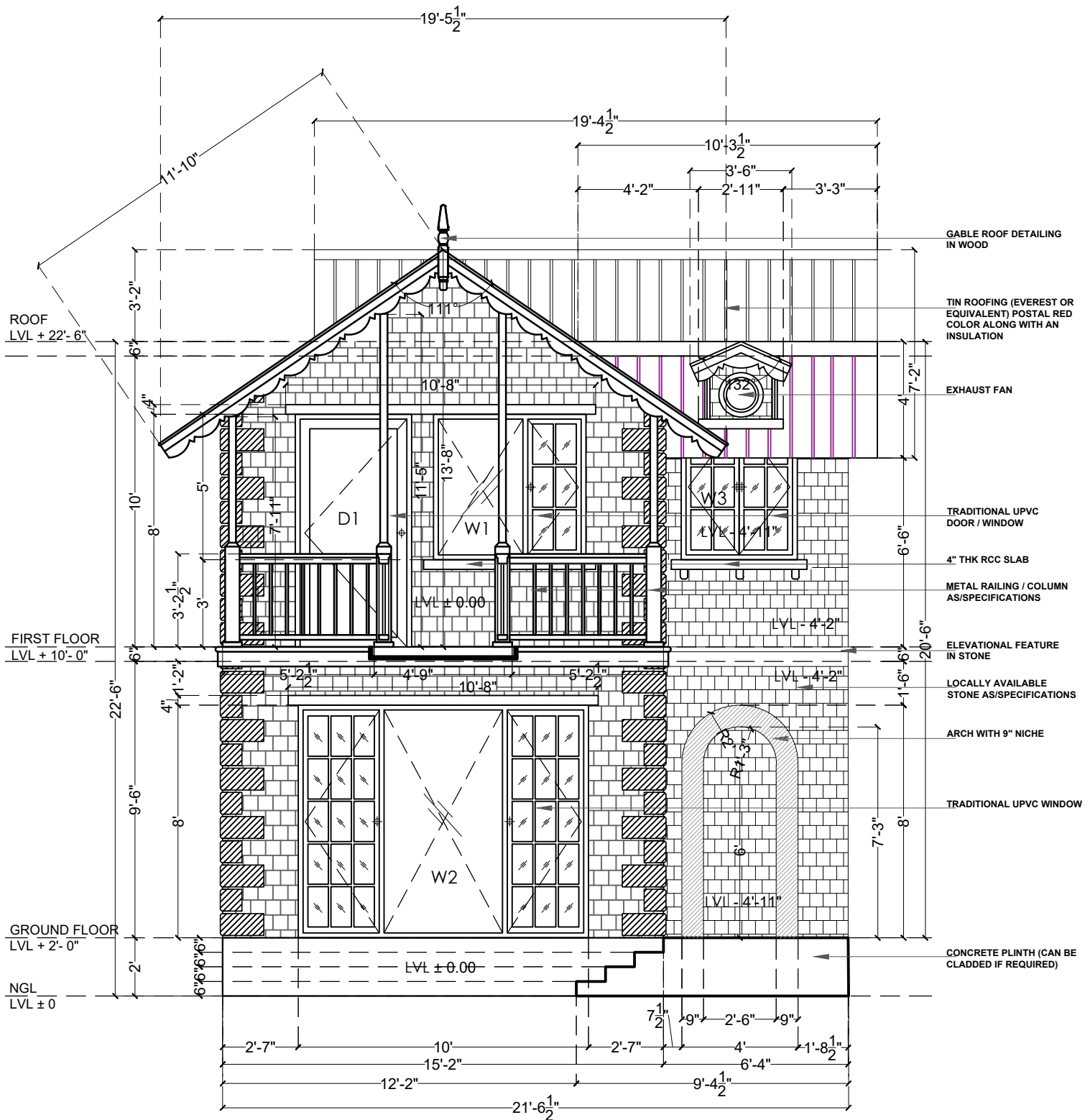
PROJECT:  
PROPOSED STAFF RESIDENCE AT LAWRENCE SCHOOL, SANAWAR

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS



V-20A / 5,  
D.L.F. CITY III,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL - spaceace.india@gmail.com





NOTE :-  
1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.  
2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.  
3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.  
5. TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.  
6. CURBROADS SHALL HAVE SKIRTING OF 100 MM. HIGH.  
7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. IN CHARGE.  
8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

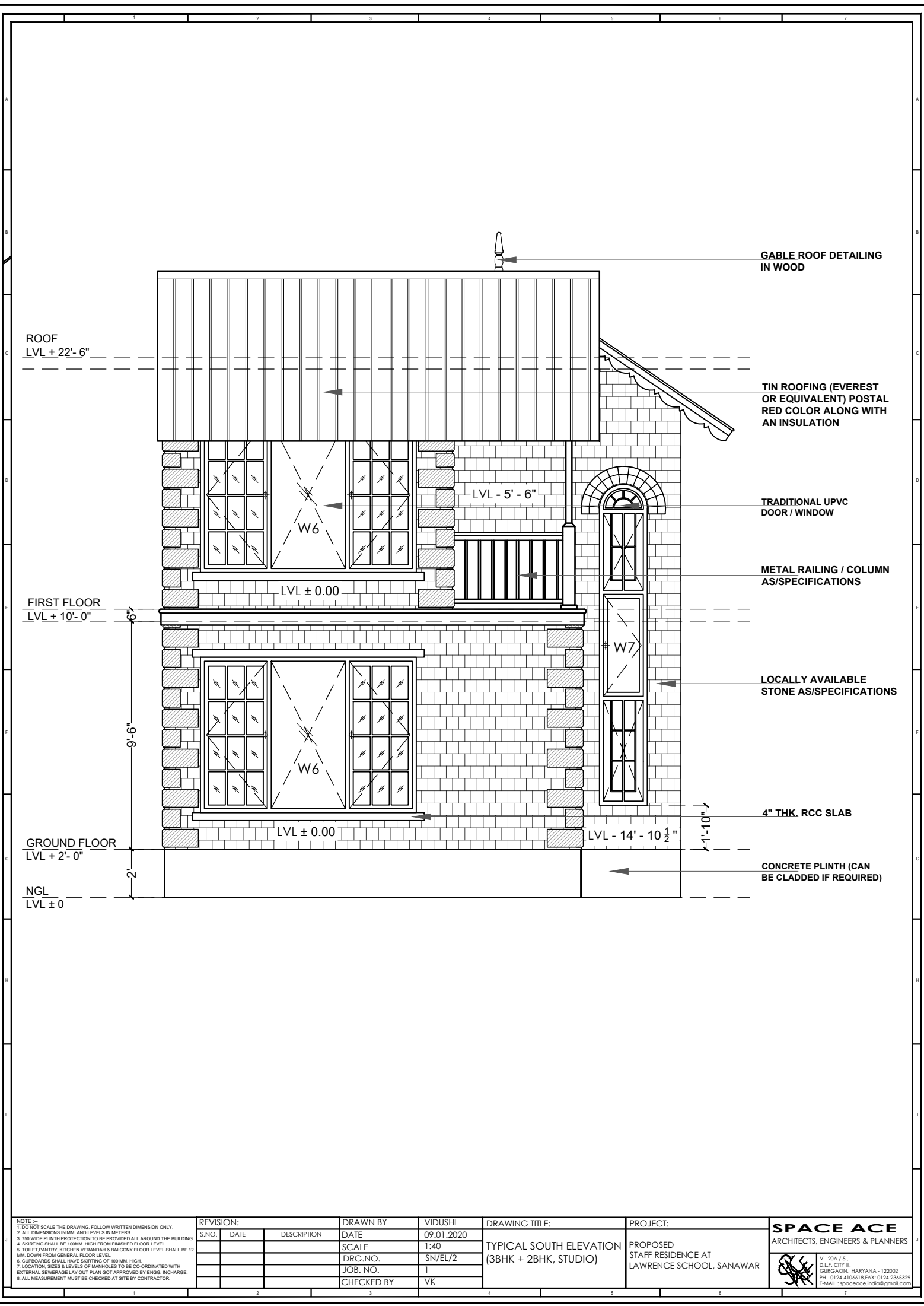
REVISION:			DRAWN BY	VIDUSHI
S.NO.	DATE	DESCRIPTION	DATE	09.01.2020
			SCALE	1:40
			DRG.NO.	SN/EL/1
			JOB. NO.	1
			CHECKED BY	VK

DRAWING TITLE:  
TYPICAL FRONT ELEVATION  
(3BHK + 2BHK, STUDIO)

PROJECT:  
PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

V-20A / 5,  
D.L.F. CITY II,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL - spaceace.india@gmail.com



NOTE :-  
1. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.  
3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.  
5. TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.  
6. CURBROADS SHALL HAVE SKIRTING OF 100 MM. HIGH.  
7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. IN CHARGE.  
8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

REVISION:			DRAWN BY	VIDUSHI
S.NO.	DATE	DESCRIPTION	DATE	09.01.2020
			SCALE	1:40
			DRG.NO.	SN/EL/2
			JOB. NO.	1
			CHECKED BY	VK

DRAWING TITLE:  
**TYPICAL SOUTH ELEVATION  
(3BHK + 2BHK, STUDIO)**

PROJECT:  
**PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR**

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS



V - 20A / 5,  
D.L.F. CITY III,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL - spaceace.india@gmail.com

**NOTES:**  
THIS DRAWING IS THE PROPERTY & COPYRIGHT OF M/S SPACE ACE & NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY MANNER, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE, EXCEPT FOR THE RELATED PROJECT, WITHOUT THE WRITTEN PERMISSION OF M/S SPACE ACE

**NOTE :-**

1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.
2. ALL DIMENSIONS AND LEVELS ARE IN MM.
3. 450-750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.
5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.
6. THE GRADE OF CONCRETE TO BE USED IS M-25.
7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.
8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAYOUT PLAN GOT APPROVED BY ENG. IN CHARGE OF ARCHT.
9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.
10. ASH DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.

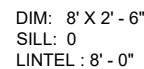
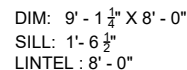
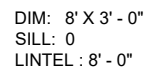
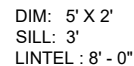
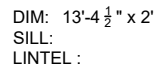
[illegible]

DRAWING TITLE:

TYPICAL WEST ELEVATION (3BHK +  
2BHK, STUDIO)

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

~~SECRET~~



V - 20A / 5 ,  
D.L.F. CITY III,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL : [spaceace.india@gmail.com](mailto:spaceace.india@gmail.com)

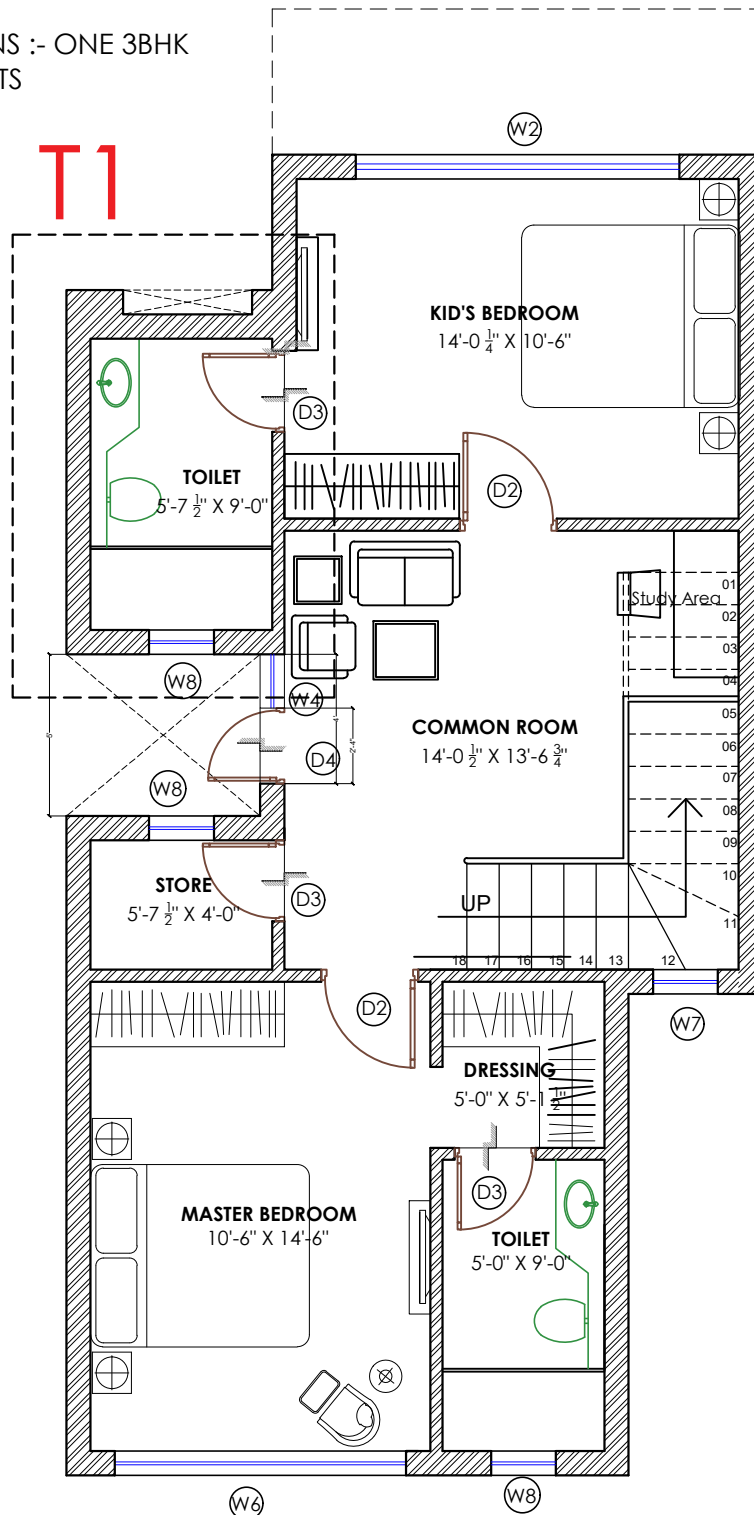




# 3-BHK UNIT

TOTAL UNITS(AS PER SITE PLAN) = 5

EACH UNIT CONTAINS :- ONE 3BHK  
TOTAL 3 BHK = 5 UNITS



GROUND FLOOR PLAN  
FLOOR AREA = 750.29 SQ.FT

NOTE :-

1. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.
2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.
3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.
5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.
6. CURBGRANDS SHALL HAVE SKIRTING OF 100 MM. HIGH.
7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. INCHARGE.
8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

## REVISION:

S.NO.	DATE	DESCRIPTION

## DRAWN BY

DATE	15.01.2020
SCALE	1:50
DRG.NO.	SN/TD/4
JOB. NO.	1
CHECKED BY	VK

## VIDUSHI

DATE	15.01.2020
SCALE	1:50
DRG.NO.	SN/TD/4
JOB. NO.	1
CHECKED BY	VK

## DRAWING TITLE:

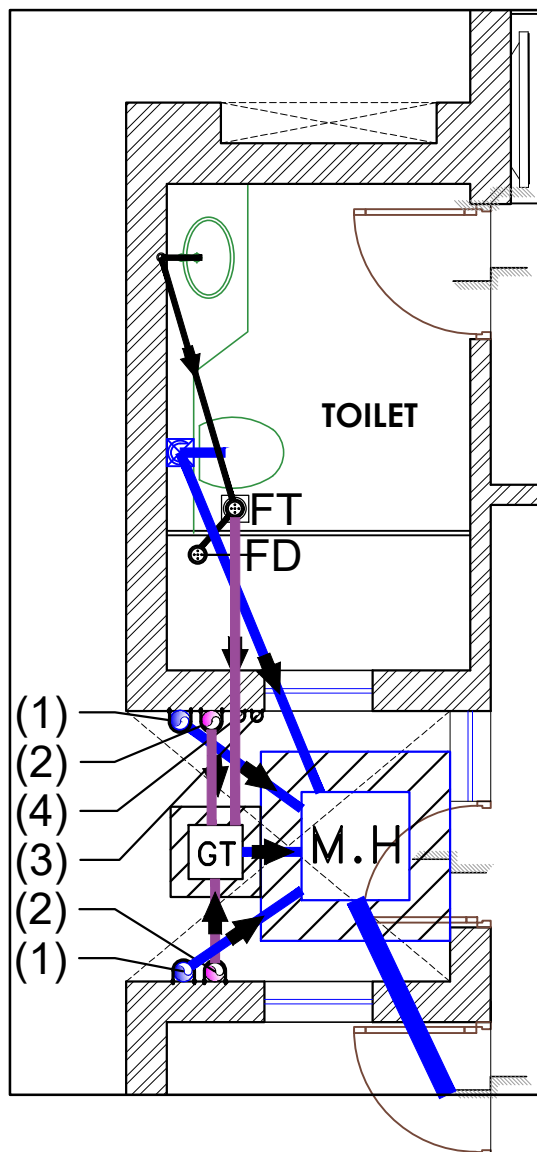
TYPICAL TOILET DETAILS

## PROJECT:

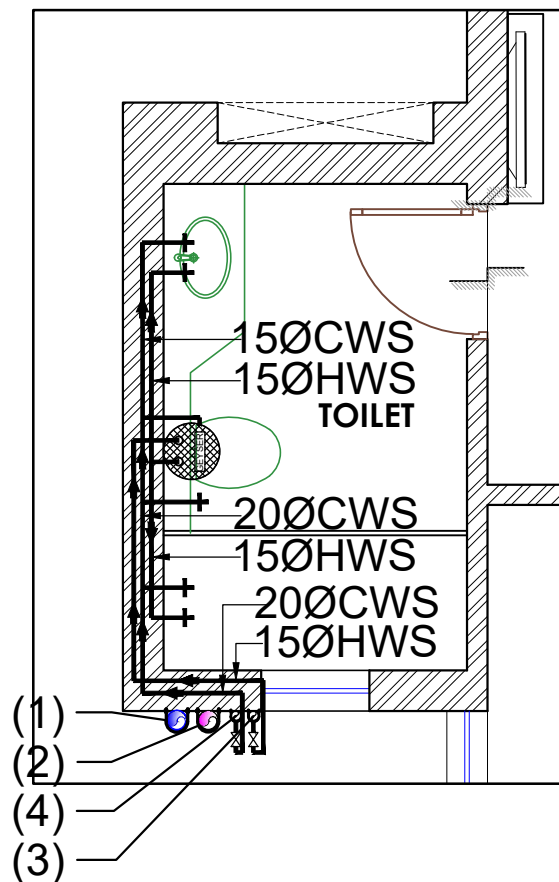
PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

V-20A / 5,  
D.L.F. CITY III,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL - spaceace.india@gmail.com



**TOILET DRAINAGE PLAN**



**TOILET WATER SUPPLY PLAN**

LEGEND FOR PLUMBING PIPE	
(1)	110ø SOIL & VENT PIPE
(2)	110ø WASTE & VENT PIPE
(3)	COLD WATER SUPPLY
(4)	HOT WATER SUPPLY FROM SOLAR PANEL
FD	FLOOR DRAIN
FT	FLOOR TRAP ("P" TRAP)
FT	CUTOUT SIZE 150mmX150mm
NOTE:-	
1. FD TO FT 63ø WASTE PIPE	
2. WASHBASIN TO FT 40ø WASTE PIPE	

**NOTES:**  
 THE DRAWING IS THE PROPERTY & COPYRIGHT OF THIS SPACE ACE & NO PART OF THE DRAWING MAY BE REPRODUCED OR  
 REPRODUCED IN ANY MANNER, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS,  
 ELECTRONIC, MECHANICAL, PHOTOGRAPHIC, RECORDING OR OTHERWISE, EXCEPT FOR THE RELATED PROJECT,  
 WITHOUT THE WRITTEN PERMISSION OF THIS SPACE ACE.

**NOTE:-**  
 1. TO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450/75 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. BATHING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN WASHBASIN & BALCONY FLOOR LEVEL SHALL BE 13 MM DOWN FROM  
 GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M25.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 200 X 100 X 75 MM.  
 8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY  
 OUT PLAN (NOT APPROVED BY DRG. INCHARGE/ARCHITECT).  
 9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.

REVISIONS:		
S.NO.	DATE	DESCRIPTION

DRAWN BY	DRG. NO.	CHECKED BY
VIDUSHI	SN/TD/1	VK
DATE	SCALE	
15-01-2020	1:20	

**PROJECT:**  
 PROPOSED  
 STAFF RESIDENCE AT  
 LAWRENCE SCHOOL, SANAWAR

**DRAWING TITLE:**  
 TYPICAL WEST ELEVATION (3BHK +  
 2BHK, STUDIO)

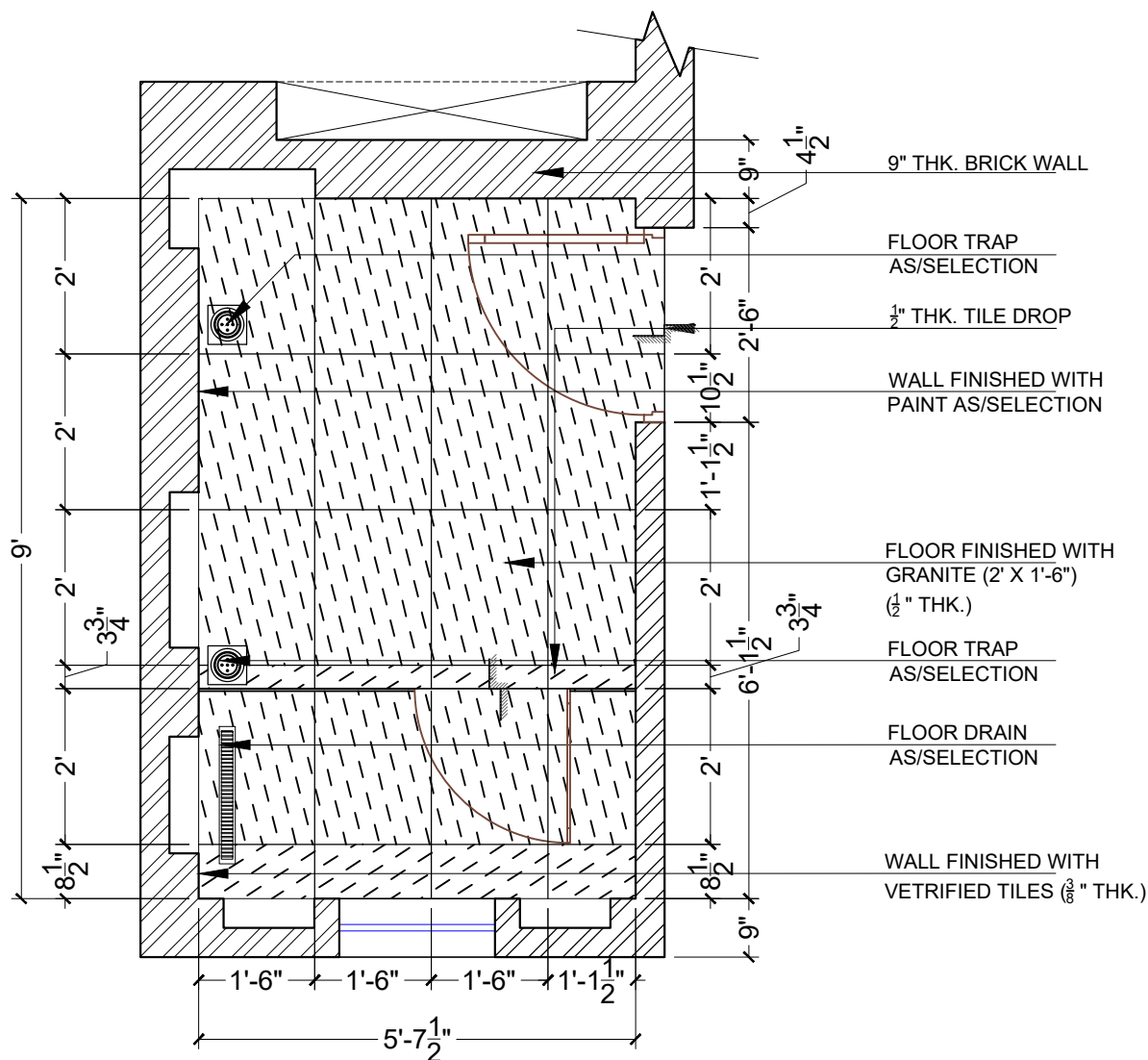
**ARCHITECTS:**

**SPACE ACE**  
 ARCHITECTS, ENGINEERS & PLANNERS

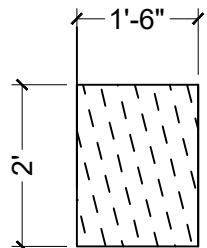
V - 20A / 5,  
 D.L.F. CITY III,  
 GURGAON, HARYANA - 122002  
 PH - 0124-4106618, FAX: 0124-2365329  
 E-MAIL : spaceace.india@gmail.com






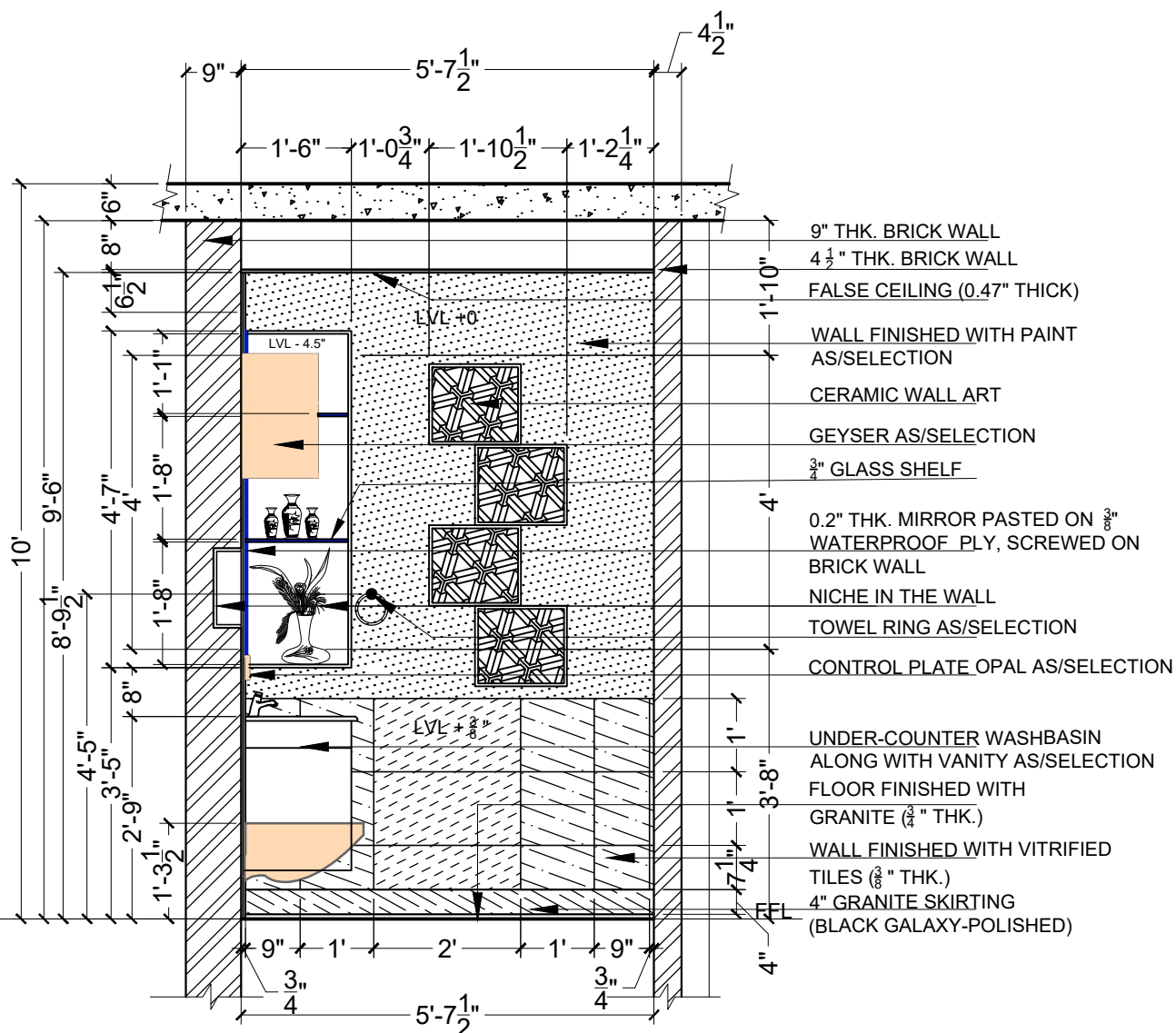


# FLOORING PLAN

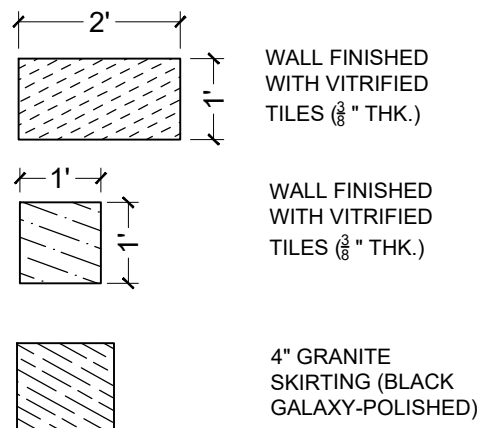


FLOOR FINISHED WITH GRANITE (2' X 1'-6") (1/2" THK.)

<b>NOTE :-</b> 1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY. 2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS 3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING 4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL. 5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL. 6. CURBGRARDS SHALL HAVE SKIRTING OF 100 MM. HIGH 7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. INCHARGE. 8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.	<b>REVISION:-</b>		<b>DRAWN BY</b>	<b>VIDUSHI</b>	<b>DRAWING TITLE:-</b>	<b>PROJECT:-</b>	<b>SPACE ACE</b> ARCHITECTS, ENGINEERS & PLANNERS  V-20A / 5, DLF, CITY II, GURGAON, HARYANA - 122002 PH - 0124-4106618, FAX: 0124-2365329 E-MAIL : spspacece.india@gmail.com	
	<b>S.NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>	<b>DATE</b>	<b>15.01.2020</b>	<b>TYPICAL TOILET DETAILS</b>		<b>PROPOSED STAFF RESIDENCE AT LAWRENCE SCHOOL, SANAWAR</b>
				<b>SCALE</b>	<b>1:20</b>			
				<b>DRG.NO.</b>	<b>SN/TD/4</b>			
				<b>JOB. NO.</b>	<b>1</b>			
			<b>CHECKED BY</b>	<b>VK</b>				



## SECTION AA'



NOTE: -  
 1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.  
 3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. CURBROADS SHALL HAVE SKIRTING OF 100 MM. HIGH.  
 7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. IN CHARGE.  
 8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

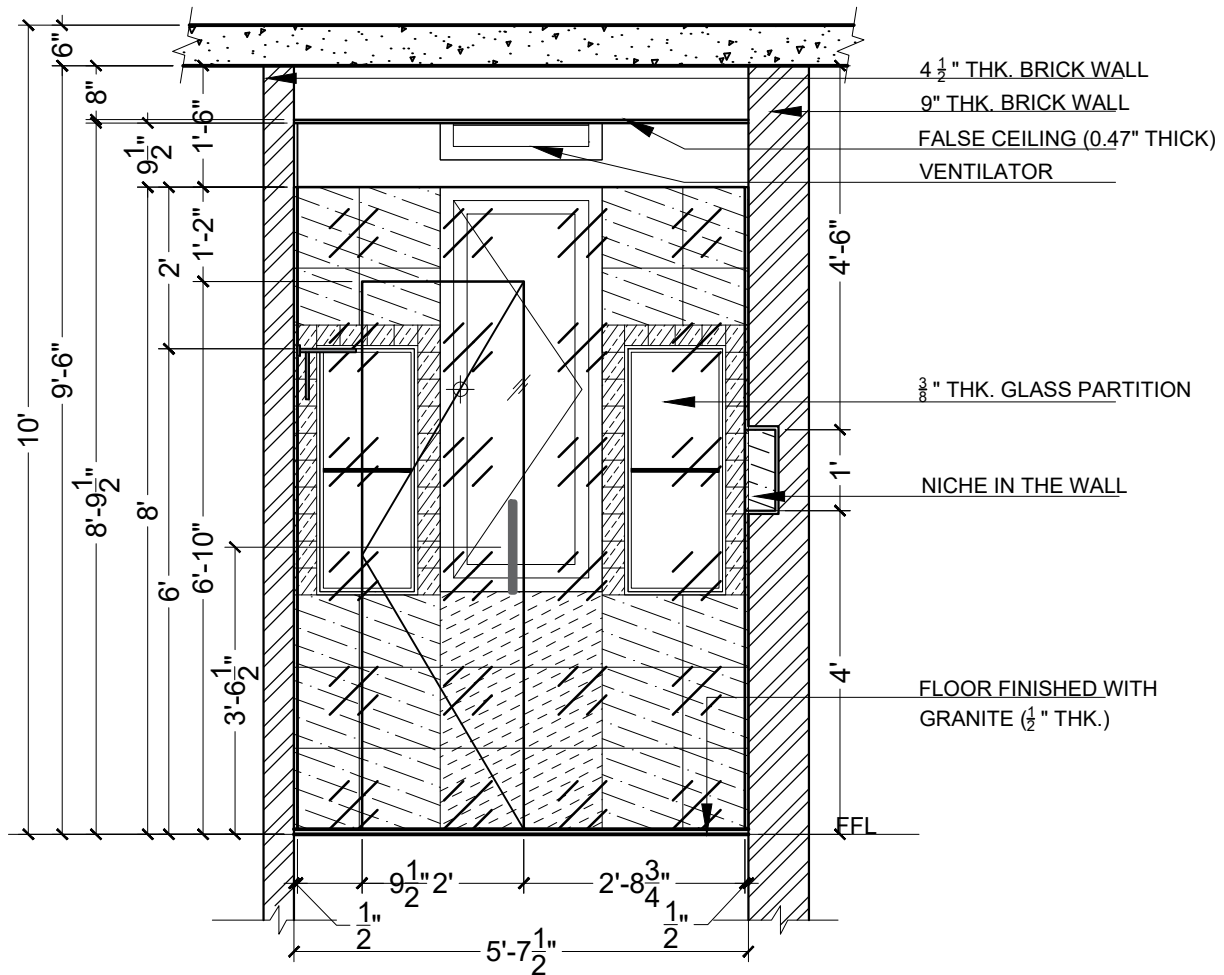
REVISION:			DRAWN BY	VIDUSHI
S.NO.	DATE	DESCRIPTION	DATE	15.01.2020
			SCALE	1:20
			DRG.NO.	SN/TD/4
			JOB. NO.	1
			CHECKED BY	VK

DRAWING TITLE:	PROJECT:
TYPICAL TOILET DETAILS	PROPOSED STAFF RESIDENCE AT LAWRENCE SCHOOL, SANAWAR

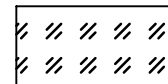
**SPACE ACE**  
 ARCHITECTS, ENGINEERS & PLANNERS

V-20A / 5,  
 DLF, CITY II,  
 GURGAON, HARYANA - 122002  
 PH - 0124-4106618, FAX: 0124-2365329  
 E-MAIL: spaceace.india@gmail.com





## SECTION RR'



3/8" THK. GLASS PARTITION



WALL FINISHED WITH VITRIFIED TILES (3/8" THK.)

NOTE:-

- DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.
- ALL DIMENSIONS IN MM. AND LEVELS IN METERS.
- 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
- SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.
- TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.
- CURBGRANDS SHALL HAVE SKIRTING OF 100 MM. HIGH.
- LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. IN CHARGE.
- ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

### REVISION:

S.NO.	DATE	DESCRIPTION

### DRAWN BY

DATE	15.01.2020
SCALE	1:20
DRG.NO.	SN/TD/4
JOB. NO.	1
CHECKED BY	VK

### VIDUSHI

DATE	15.01.2020
SCALE	1:20
DRG.NO.	SN/TD/4
JOB. NO.	1
CHECKED BY	VK

### DRAWING TITLE:

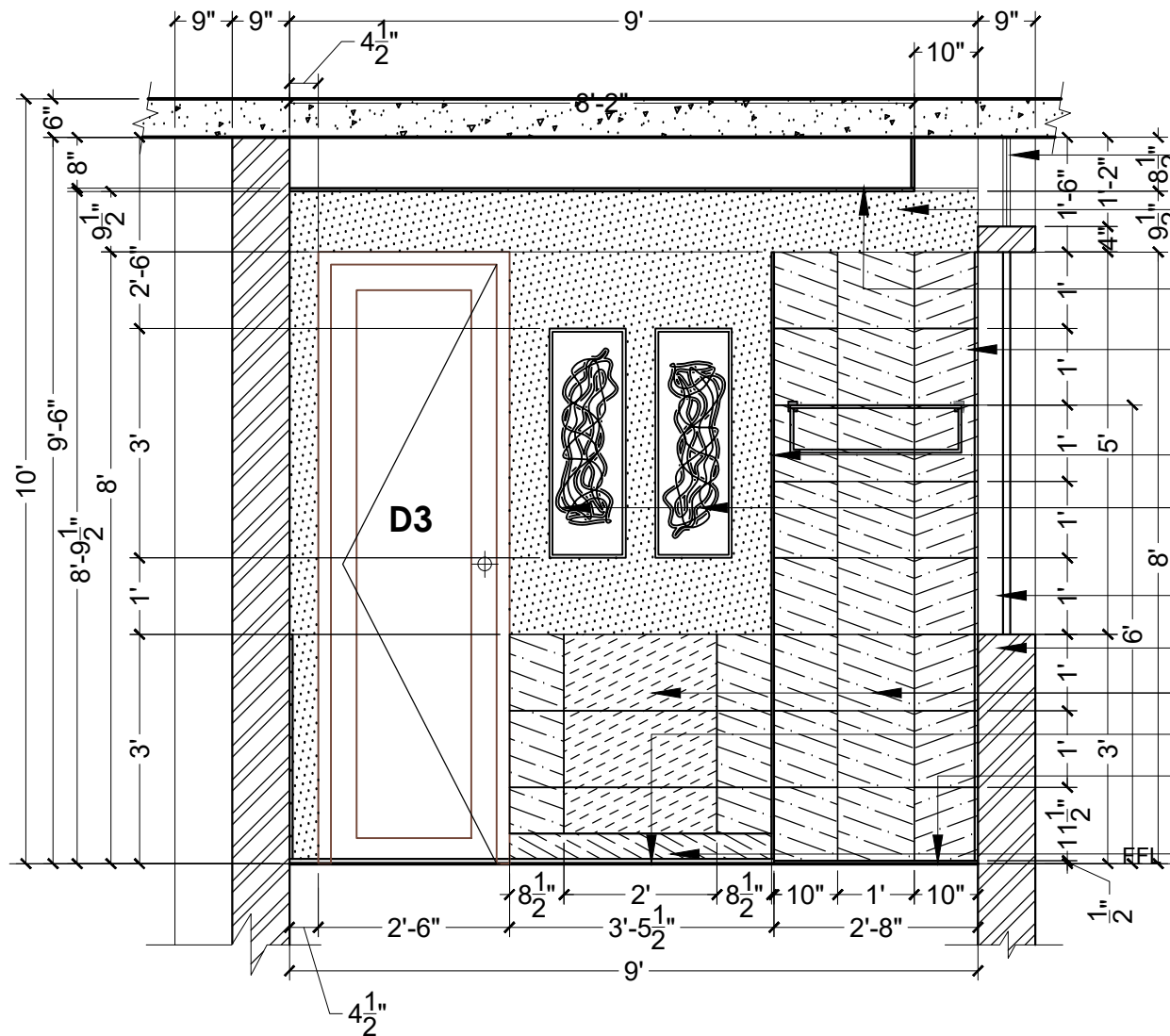
TYPICAL TOILET DETAILS

### PROJECT:

PROPOSED STAFF RESIDENCE AT LAWRENCE SCHOOL, SANAWAR

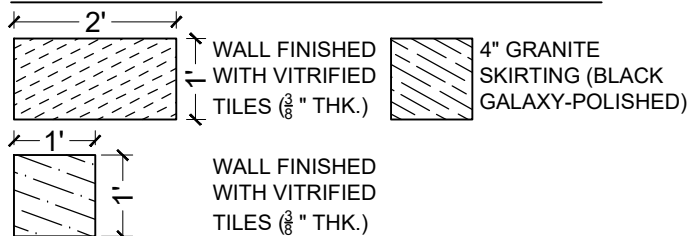
**SPACE ACE**  
 ARCHITECTS, ENGINEERS & PLANNERS

V-20A / 5,  
 D.L.F. CITY II,  
 GURGAON, HARYANA - 122002  
 PH - 0124-4106618, FAX: 0124-2365329  
 E-MAIL: spaceace.india@gmail.com



## SECTION CC'

### LEGEND:



### NOTES:

- THIS DRAWING IS THE PROPERTY & COPYRIGHT OF M/S SPACE ACE & NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY MANNER, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE, WITHOUT THE WRITTEN PERMISSION OF M/S SPACE ACE.
- NOTE:  
 1. TO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
 3. 450 TO WISE PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 10MM HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET PARTNER, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM DOWN FROM GENERAL FLOOR LEVEL.  
 6. THE GRADE OF CONCRETE TO BE USED IS M-20.  
 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 225 X 115 X 75 MM.  
 8. LOCATION, SIZE & LEVEL OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN (NOT APPROVED BY ENCL. MECHANICAL ARCHITECTS).  
 9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.

### REVISIONS:

S.NO.	DATE	DESCRIPTION

DRAWN BY	DRG. NO.	CHECKED BY
VIDUSHI	SN/TD/1	VK
DATE	SCALE	
15-01-2020	1:20	

### PROJECT:

PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

### DRAWING TITLE:

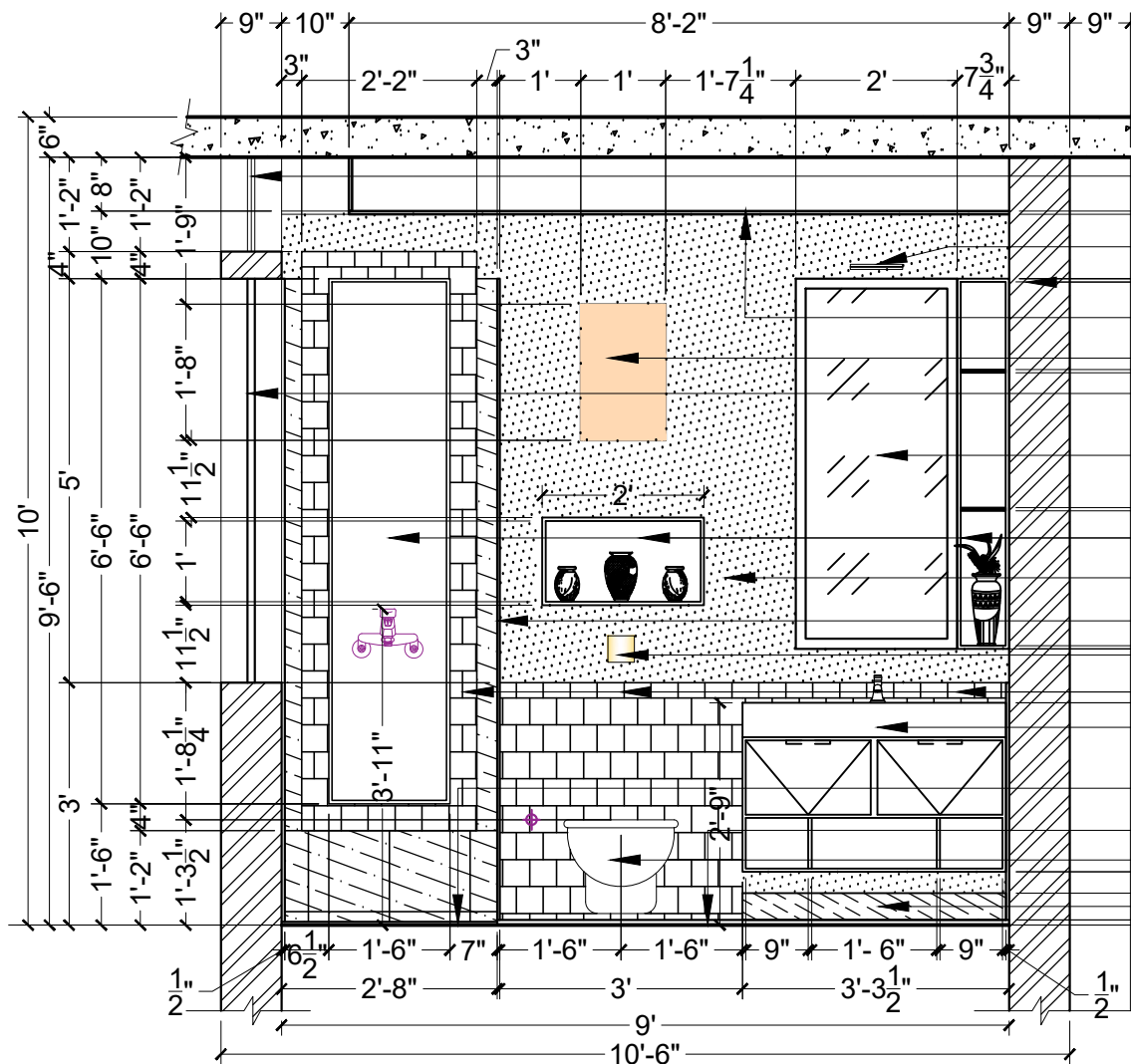
TYPICAL WEST ELEVATION (3BHK +  
2BHK, STUDIO)

### ARCHITECTS:

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

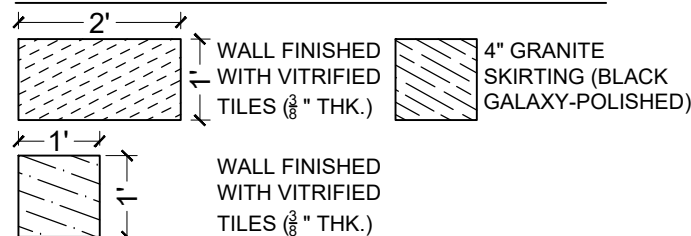
V - 20A / 5,  
D.I.F. CITY III,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL - spaceaceindia@gmail.com

*[Handwritten signature]*



- VENTILATOR
- MIRROR LIGHT
- 9" THK. BRICK WALL
- FALSE CEILING (0.47" THICK)
- GEYSER AS/SELECTION
- OPENABLE FROSTED - GLASS WINDOW
- 0.2" THK. MIRROR PASTED ON  $\frac{3}{8}$ " WATERPROOF PLY, SCREWED ON BRICK WALL
- NICHE IN THE WALL
- WALL FINISHED WITH PAINT AS/SELECTION
- $\frac{3}{8}$ " THK. GLASS PARTITION
- CONTROL PLATE OPAL AS/SELECTION
- WALL FINISHED WITH VITRIFIED TILES ( $\frac{3}{8}$ " THK.)
- UNDER-COUNTER WASHBASIN ALONG WITH VANITY AS/SELECTION
- FLOOR FINISHED WITH GRANITE ( $\frac{1}{2}$ " THK.)
- FLOOR FINISHED WITH GRANITE ( $\frac{3}{4}$ " THK.)
- WALL MOUNTED WC AS/SELECTION
- 4" GRANITE SKIRTING (BLACK GALAXY-POLISHED)

#### LEGEND:



#### NOTES:

THIS DRAWING IS THE PROPERTY & COPYRIGHT OF M/S SPACE ACE & NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY MANNER, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE, EXCEPT FOR THE RELATED PROJECT, WITHOUT THE WRITTEN PERMISSION OF M/S SPACE ACE.

#### NOTE:

1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.
2. ALL DIMENSIONS AND LEVELS ARE IN MM.
3. 400 TO WIDE PLUMB PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
4. SKIRTING SHALL BE 10MM HIGH FROM FINISHED FLOOR LEVEL.
5. TOILET PARTNER, KITCHEN VENTILATOR & BALCONY FLOOR LEVEL SHALL BE 13 MM DOWN FROM GENERAL FLOOR LEVEL.
6. THE GRADE OF CONCRETE TO BE USED IS M-20.
7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 200 X 100 X 75 MM.
8. LOCATION, SIZE & LEVEL OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN (NOT APPROVED BY ENCL. MCHARGE ARCHITECTS).
9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.
10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.

#### REVISIONS:

S.NO.	DATE	DESCRIPTION

DRAWN BY	DRG. NO.	CHECKED BY
VIDUSHI	SN/TD/1	VK
DATE	SCALE	
15-01-2020	1:20	

#### PROJECT:

PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

#### DRAWING TITLE:

TYPICAL WEST ELEVATION (3BHK +  
2BHK, STUDIO)

#### ARCHITECTS:

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

V - 20A / 5,  
D.I.F. CITY III,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL : spaceace.india@gmail.com

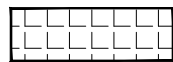


## SECTION DD'

# LEGEND:



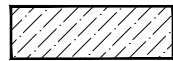
WOOD SLAT FLOORING



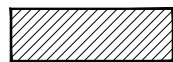
VITRIFIED TILE FLOORING  
(600x600)



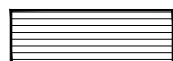
VITRIFIED TILE FLOORING  
(300x300)



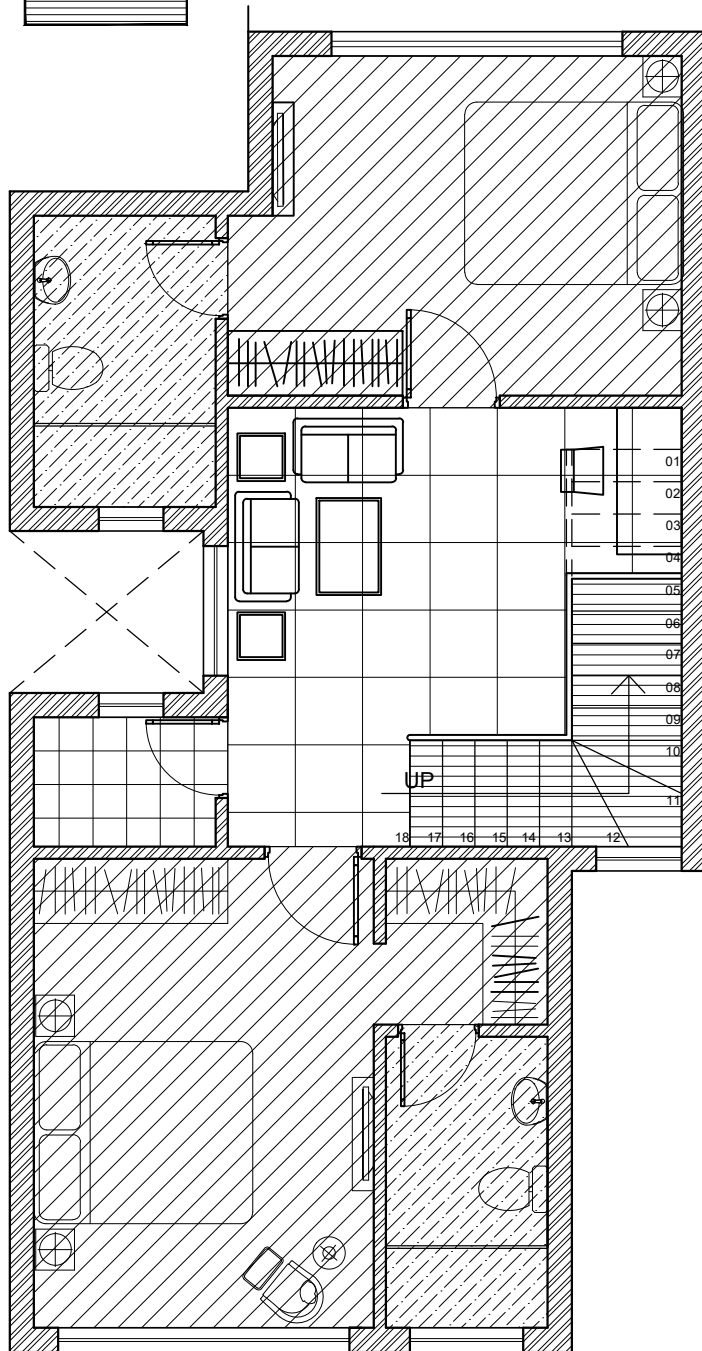
GRANITE FLOORING



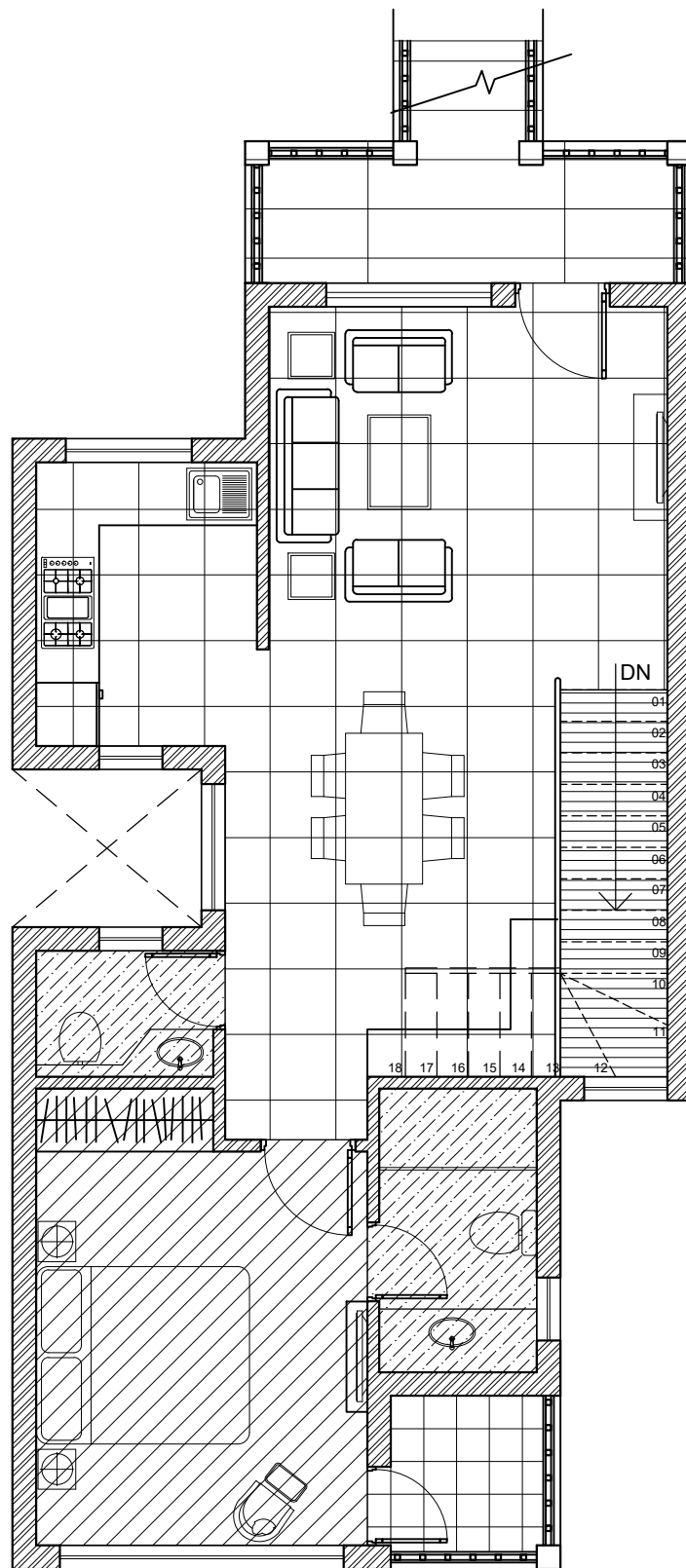
LAMINATED WOODEN  
FLOORING



WOODEN STAIRCASE



GROUND FLOOR FLOORING DETAILS



FIRST FLOOR FLOORING DETAILS

## NOTE:-

1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.
2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.
3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.
5. TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.
6. CURBWARDS SHALL HAVE SKIRTING OF 100 MM. HIGH.
7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. IN CHARGE.
8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

## REVISION:

S.NO.	DATE	DESCRIPTION

## DRAWN BY

DATE	HARSHITA
SCALE	1:50
DRG.NO.	SN/PL/2
JOB. NO.	
CHECKED BY	VK

## DRAWING TITLE:

FLOORING DETAILS

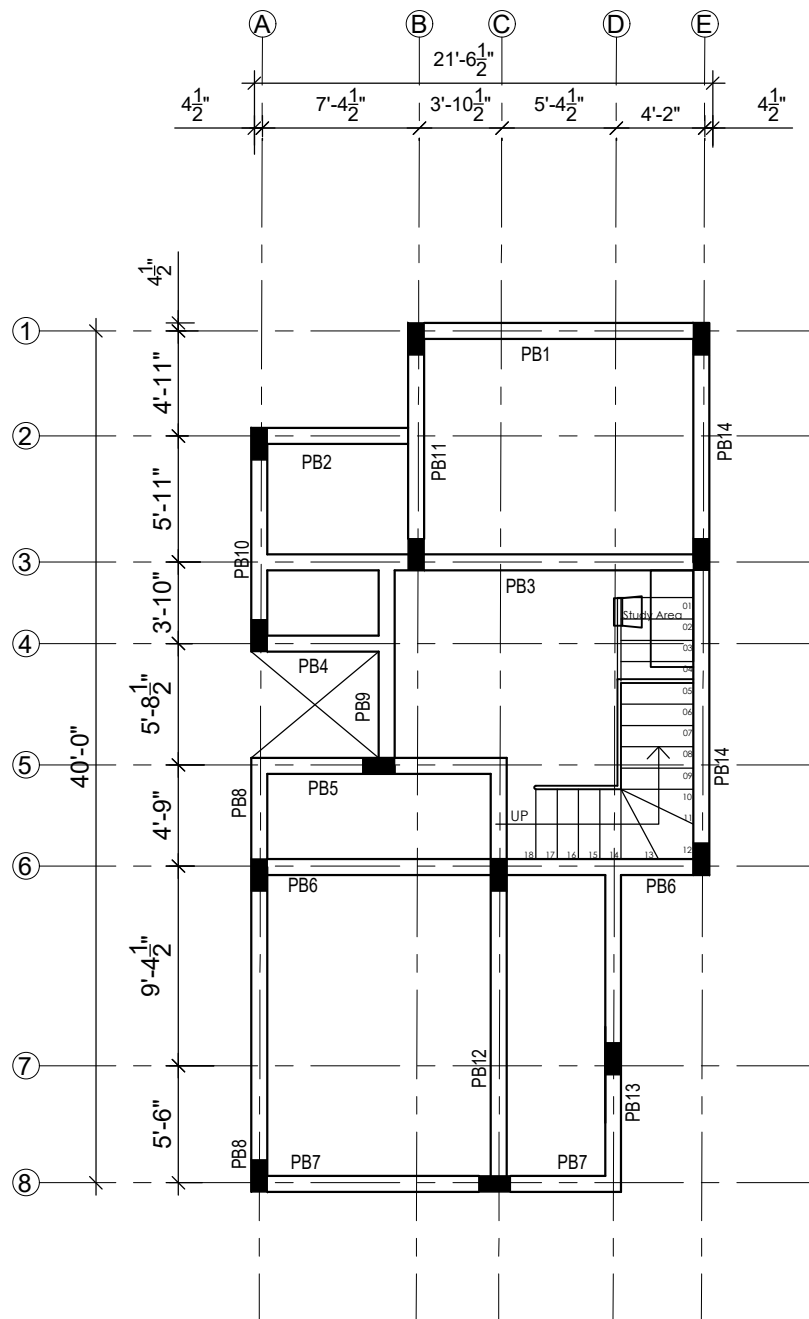
## PROJECT:

PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

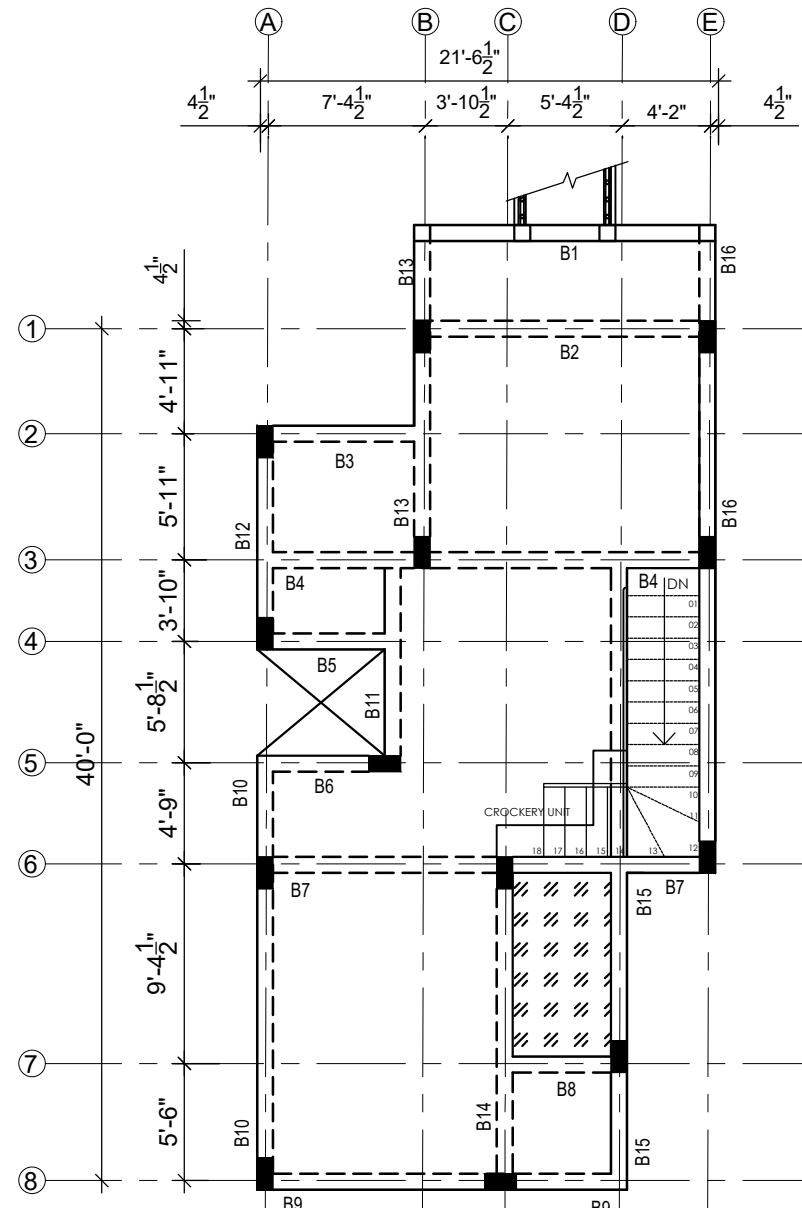


V-20A / 5,  
D.L.F. CITY II,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL : spspacece.india@gmail.com



**GROUND FLOOR BEAM PLAN**

**ALL COL. SIZE -(9"X18")**  
**ALL BEAM SIZE -(9"X18")**



**FIRST FLOOR BEAM PLAN**

**General Notes:**

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
- ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED NEITHER THE BARS SHALL BE COUNTED NOR THE DIMENSIONS SCALED FROM THE DRAWING.
- ANY DISCREPANCY IN THE ARCHITECTURAL AND STRUCTURAL DRAWING SHALL BE INTIMATED TO THIS OFFICE AND GOT RECONCILED BEFORE EXECUTION.
- ALL R.C.C. WORK SHALL BE IN M-25 GRADE MIX. UNLESS OTHERWISE MENTIONED.
- Fe-500 HIGH STRENGTH DEFORMED BARS OR TMT HAVING ELONGATION MORE THAN 14.5 % CONFIRMING TO I.S.-1786. 1985 SHALL BE USED IN ALL RCC WORK.
- REINFORCEMENT SHALL HAVE CONCRETE COVER (EXCLUSIVE OF PLASTER OR OTHER DECORATIVE FINISH) AS FOLLOWS:- AND AS PER I.S. CODE PROVISION  
A) PILE CAP = 75 mm  
B) COLUMN=40MM (FOR OUTER FACE OF LATERAL TIES)  
C) BEAM = 25mm  
D) SLAB = 20mm
- LAP / DEVELOPMENT LENGTH FOR ALL REINF. BARS, SHALL BE 45 x DIA OF THE BARS FOR M25 MIX OF CONC. LAPS SHALL BE STAGGERED AND AVOIDED AT THE POINT OF MAXIMUM BENDING MOMENT.
- BUILDING HAS BEEN DESIGNED FOR SEISMIC ZONE - IV AS PER IS 1893 (PART I) : 2016
- NOT MORE THAN 50% OF TOTAL COL. BARS SHALL BE LAPPED. AT ANY SECTION OF COLUMN. LAPS SHALL BE STAGGERED AND AVOIDED AT THE PLACES OF MAX. STRESS. A LAP SHALL BE CONSIDERED STAGGERED IF THE CENTRE TO CENTRE DISTANCE OF THE LAP IS NOT LESS THAN 1.3 TIMES THE DEVELOPMENT LENGTH AS MENTIONED IN NOTE NO. (7).
- COLUMNS CONCORSING WITH RCC WALL AT PERIPHERY SHOULD HAVE STIRRUPS SPACING @100 C/C UPTO GR. FL. LVL.
- THE SPACING OF TIES WITH IN THE JOINTS AND ON EITHER SIDE OF JOINTS UP TO A DISTANCE OF 600 MM SHALL BE 100MM
- THE SPACING OF LONGITUDINAL BARS IN COLUMN SHALL BE DONE IN MIDDLE HALF OF COLUMN LENGTH.
- THE MINIMUM LENGTH OF SPLICE IS 1000 MM IN THE ZONE OF SPLICING. THE STIRRUP SPACING SHALL NOT EXCEED 150MM
- THE DETAILING OF REINFORCEMENT IN JOINTS SHOULD BE STRICTLY AS THE DETAILS OF JOINTS MADE AVAILABLE SEPARATELY

**NOTES FOR CONSTRUCTION JOINTS**

- DURING CASTING OF BEAM IF THE WORK IS STOPPED FOR A DURATION LONGER THAN INITIAL SETTING TIME OF CEMENT, THEN SUCH DISCONTINUITY SHALL BE TREATED AS CONSTRUCTION JOINTS SPECIFICATION.
- CONSTRUCTION JOINT SHALL BE MADE VERTICAL BY PROPER TEMPLATE WITH SLOTS FOR ACCOMMODATING REINF. BARS. THE JOINT SHALL BE TREATED IN ACCORDANCE WITH C.P.W.D.
- CONSTRUCTION JOINT SHALL BE PLANNED AT 3/8L FROM THE FACE OF THE SUPPORT WHERE 'L' IS THE CLEAR SPAN OF SLAB/BEAM

rev. no. date revision

PROJECT :-

PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

Architect :-

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

V - 20A / 5,  
D.L.F. CITY II,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618; FAX: 0124-2365329  
E-MAIL : spaceace.india@gmail.com

Structural Consultant :-

**ABL Structural Consultants Pvt. Ltd.**

H-6/209, AGGARWAL TOWER,  
NETAJI SUBHASH PLACE,  
PITAMPURA, DELHI-110034.  
PH: 9811038352, 011- 45650222.

Title

**FRAMING PLAN**

Drawn SANJAY	Detail D.KUMAR	Checked B.K. SINGH	Dwg. no. ST- 01
Date 09-01-2019	Scale 1:100	REV. R-00	

☐ FOR REFERENCE ☒ ADVANCE COPY  
☐ FOR APPROVAL ☐ GOOD FOR CONSTRUCTION



NOTES:  
THIS DRAWING IS THE PROPERTY & COPYRIGHT OF M/S SPACE ACE & NO PART OF THE DRAWING MAY BE USED OR REPRODUCED IN ANY MANNER, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE, EXCEPT FOR THE RELATED PROJECT, WITHOUT THE WRITTEN PERMISSION OF M/S SPACE ACE

NOTE: 1. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
2. ALL DIMENSIONS AND LEVELS ARE IN MM.  
3. 450-750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.  
5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.  
6. THE GRADE OF CONCRETE TO BE USED IS M-25.  
7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.  
8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGG. INCHARGE/ ARCHITECT.  
9. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.  
10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.

REVISIONS:		
S.NO.	DATE	DESCRIPTION

MEP CONSULTANTS:-

**WAC**  
WAC Consultants & Project Managers  
B-77/78, Sector-6, Noida, UP-201301  
Ph.: +91 120-4504693, E-mail: wac@wacmep.com

DRAWN BY	DRG. NO.	CHECKED BY
PAWAN		HARIOM SHARMA
DATE	SCALE	
12.01.2020	1:150	

PROJECT:

PROPOSED STAFF QUARTERS AT LAWRENCE SCHOOL, SANAWAR

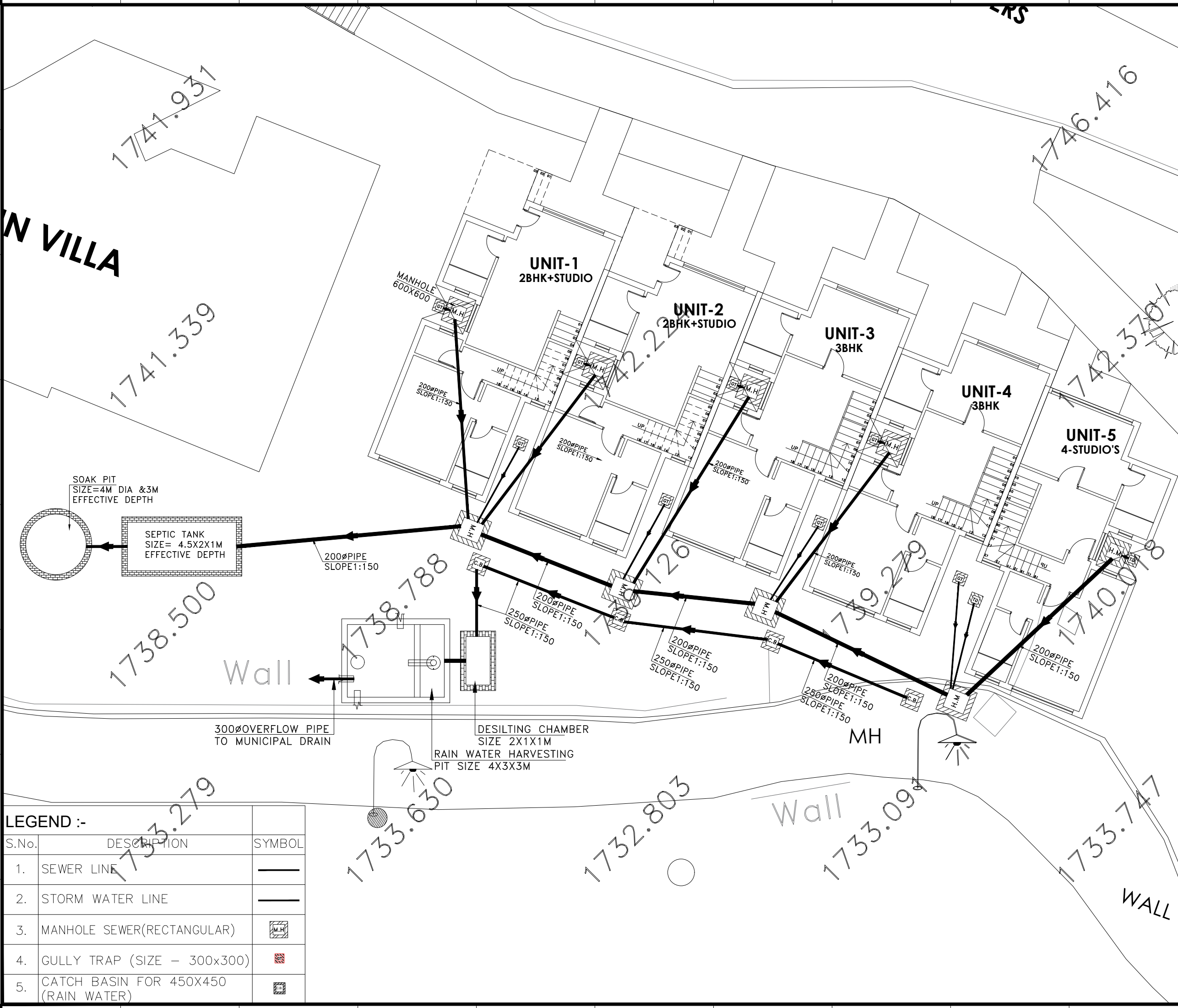
DRAWING TITLE:

PLUMBING SITE PLAN : 05 UNITS  
GROUND FLOOR LEVEL

ARCHITECTS:

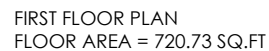
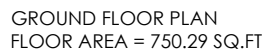
**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

V - 20A / 5,  
D.L.F. CITY III,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL : spaceace.india@gmail.com



LEGEND :-		
S.No.	DESCRIPTION	SYMBOL
1.	SEWER LINE	—
2.	STORM WATER LINE	—
3.	MANHOLE SEWER(RECTANGULAR)	M.H.
4.	GULLY TRAP (SIZE - 300x300)	G.T.
5.	CATCH BASIN FOR 450X450 (RAIN WATER)	C.B.

TOTAL UNITS (AS PER SITE PLAN) = 5  
EACH UNIT CONTAINS :- ONE 3BHK  
TOTAL 3 BHK = 5 UNITS



- THIS DRAWING IS THE PROPERTY & COPYRIGHT OF M/S SPACE ACE & NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY MANNER, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE, EXCEPT FOR THE RELATED PROJECT, WITHOUT THE WRITTEN PERMISSION OF M/S SPACE ACE

- NOTE:-**
- 1. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.
  - 2. ALL DIMENSIONS AND LEVELS ARE IN MM.
  - 3. 450-750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
  - 4. FINISH SHALL BE TYPICAL HIGH FLOOR FINISH FLOOR LEVEL.
  - 5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.
  - 6. THE GRADE OF CONCRETE TO BE USED IS M-25.
  - 7. THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.
  - 8. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAID OUT PLAN GOT APPROVED BY ENG. INCHARGE / ARCHITECT.
  - 9. ALL MEASUREMENT MUST BE TAKEN FROM THE CENTER LINE OF THE BUILDING.
  - 10. ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.

[illegible]

**We WAC**  
**e** MEP Consultants & Project Managers  
**Engineers**  
 B-77/78, Sector-6, Noida, UP-201301  
 Ph.: +91 120-4504693, E-mail: [wac@wacmep.com](mailto:wac@wacmep.com)

DRAWN BY	DRG. NO.	CHECKED BY
PAWAN	WAC/WS-01	HARIOM SHARMA
DATE	N.T.S.	
12.01.2020	SCALE 1:50(A3)	

PROPOSED STAFF QUARTERS AT LAWRENCE SCHOOL, SANAWAR

PLUMBING DRAWING  
WATER SUPPLY  
GROUND & FIRST FLOOR PLAN

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

V - 20A / 5 ,  
D.L.F. CITY III,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL : spaceace.india@gmail.com

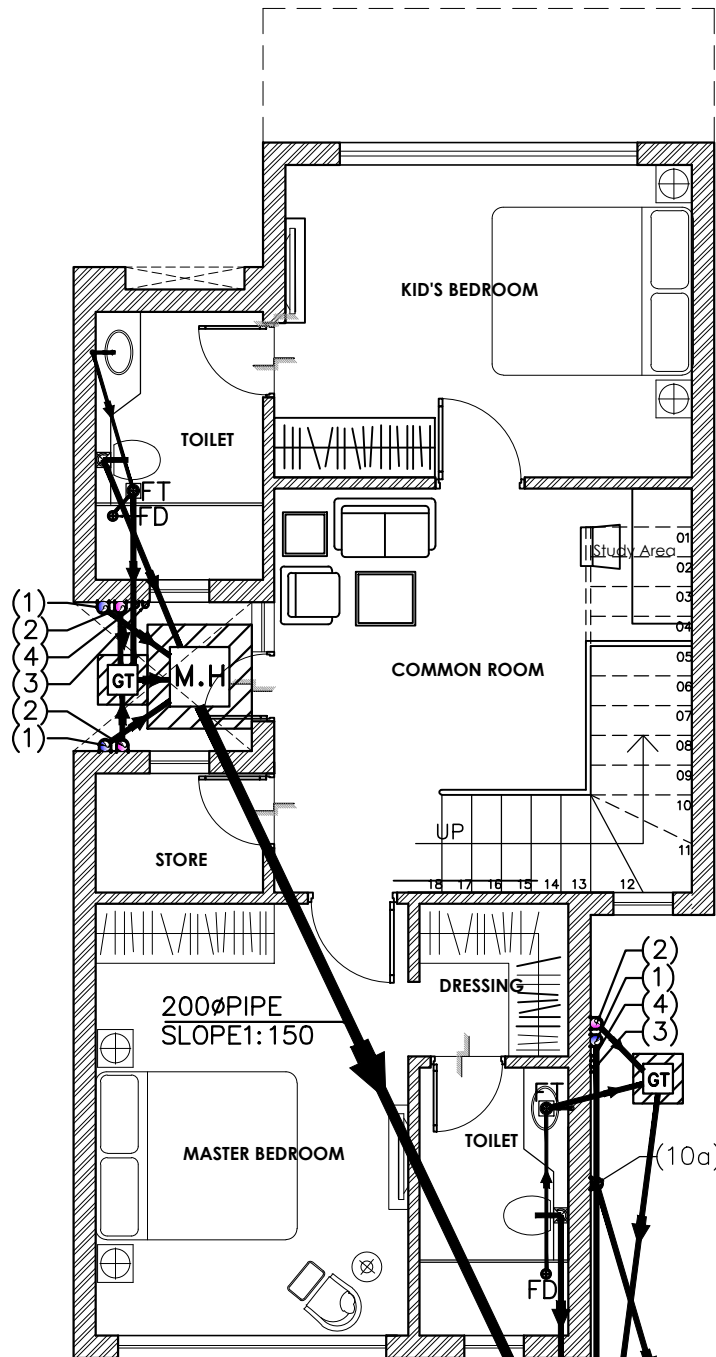
LEGEND FOR PLUMBING PIPE	
(1)	110W SOIL & VENT PIPE
(2)	110W WASTE & VENT PIPE
(3)	COLD WATER SUPPLY
(4)	HOT WATER SUPPLY FROM SOLAR PANEL
(5)	COLD WATER RISER
(10)	90W RAIN WATER PIPE
(10a)	110W RAIN WATER PIPE
(10b)	180W RAIN WATER PIPE
FD	FLOOR DRAIN
FT	FLOOR TRAP ("P" TRAP)
WC	CUT OUT SIZE 150mmX150mm
N/C	CUT OUT SIZE 150mmX150mm
CWS	COLD WATER SUPPLY
HWS	HOT WATER SUPPLY
HD	WASTE

NOTE:- 1. FD TO FT @ 30W WASTE PIPE  
 2. WASHBASON TO FT @ 40W WASTE PIPE  
 3. KITCHEN SINK/URNAL TO FT @ 50W WASTE PIPE

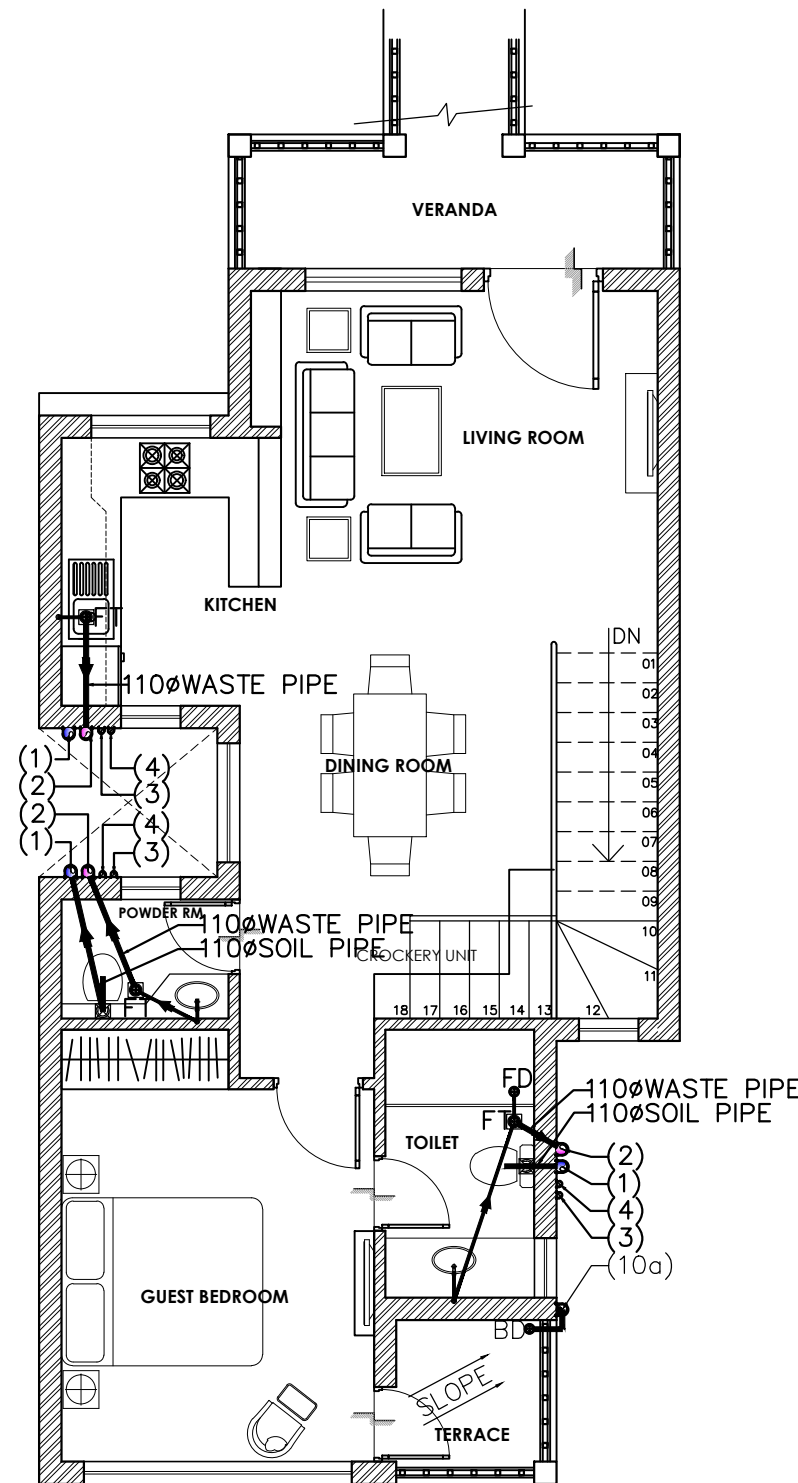


# 3-BHK UNIT

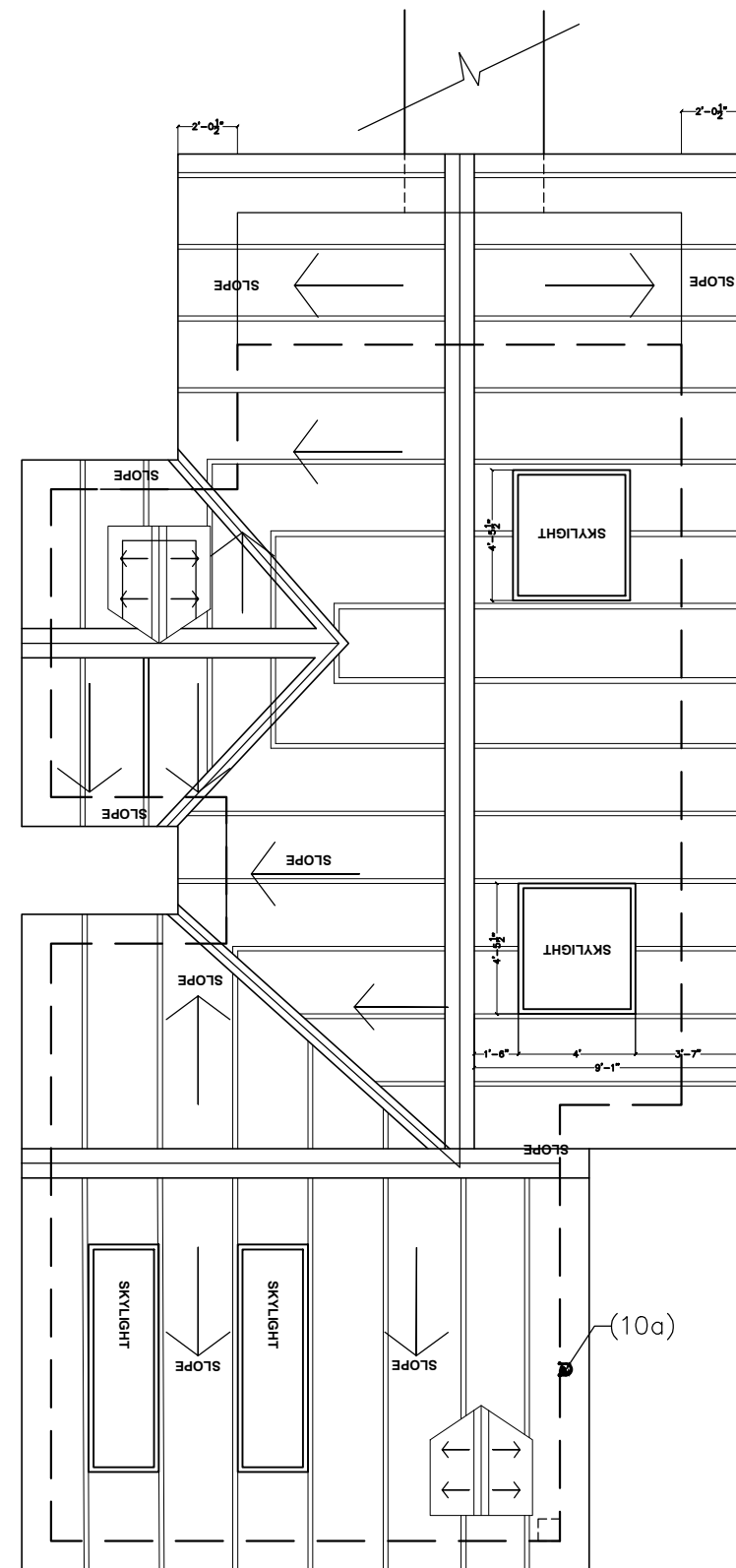
TOTAL UNITS (AS PER SITE PLAN) = 5  
EACH UNIT CONTAINS :- ONE 3BHK  
TOTAL 3 BHK = 5 UNITS



GROUND FLOOR PLAN  
FLOOR AREA = 750.29 SQ.FT



FIRST FLOOR PLAN  
FLOOR AREA = 720.73 SQ.FT



ROOF PLAN

LEGEND FOR PLUMBING PIPE	
(1)	110mm SOIL & VENT PIPE
(2)	110mm WASTE & VENT PIPE
(3)	COLD WATER SUPPLY
(4)	HOT WATER SUPPLY FROM SOLAR PANEL
(5)	COLD WATER RISER
(10)	90mm RAIN WATER PIPE
(10a)	110mm RAIN WATER PIPE
(10b)	160mm RAIN WATER PIPE
FD	FLOOR DRAIN
FT	FLOOR TRAP ("P" TRAP)
FT	CUTOUT SIZE 150mmX150mm
W.C	CUTOUT SIZE 150mmX150mm
CWS	COLD WATER SUPPLY
HWS	HOT WATER SUPPLY
DI	VALVE
NOTE:- 1. FD TO FT 63mm WASTE PIPE	
2. WASHBASIN TO FT 40mm WASTE PIPE	
3. KITCHEN SINK/URINAL TO FT 50mm WASTE PIPE	

## NOTES:

THIS DRAWING IS THE PROPERTY & COPYRIGHT OF M/S SPACE ACE & NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY MANNER, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE, EXCEPT FOR THE RELATED PROJECT, WITHOUT THE WRITTEN PERMISSION OF M/S SPACE ACE

- NOTE:-
- DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.
  - ALL DIMENSIONS AND LEVELS ARE IN MM.
  - 450-750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.
  - SKIRTING SHALL BE 100MM HIGH FROM FINISHED FLOOR LEVEL.
  - TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 13 MM. DOWN FROM GENERAL FLOOR LEVEL.
  - THE GRADE OF CONCRETE TO BE USED IS M-25.
  - THE DIMENSIONS OF BRICK TO BE USED SHALL BE 230 x 115 x 75 MM.
  - LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGG. INCHARGE/ ARCHITECT.
  - ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.
  - ALL SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.

## REVISIONS:

S.NO.	DATE	DESCRIPTION

## MEP CONSULTANTS:-

**WAC**  
WAC Consultants & Project Managers  
B-77/78, Sector-6, Noida, UP-201301  
Ph.: +91 120-4504693, E-mail: wac@wacmep.com

DRAWN BY	DRG. NO.	CHECKED BY
PAWAN	WAC/PL-01	HARIOM SHARMA
DATE	N.T.S.	
12.01.2020	SCALE 1:50 (A3)	

PROJECT:  
PROPOSED STAFF QUARTERS AT LAWRENCE SCHOOL, SANAWAR

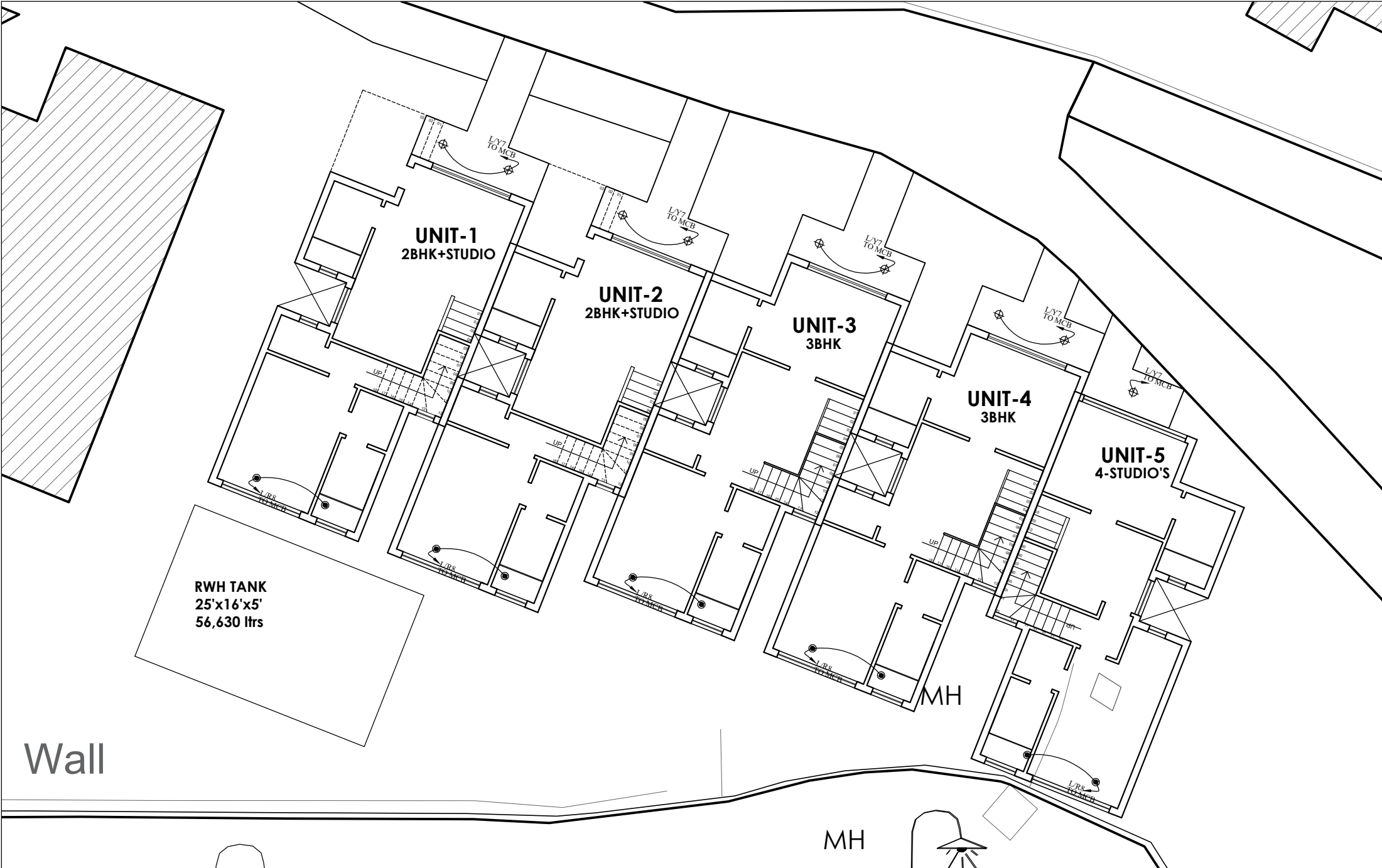
DRAWING TITLE:  
PLUMBING DRAWING  
DRAINAGE SYSTEM  
GROUND TO TERRACE


ARCHITECTS:  
**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS

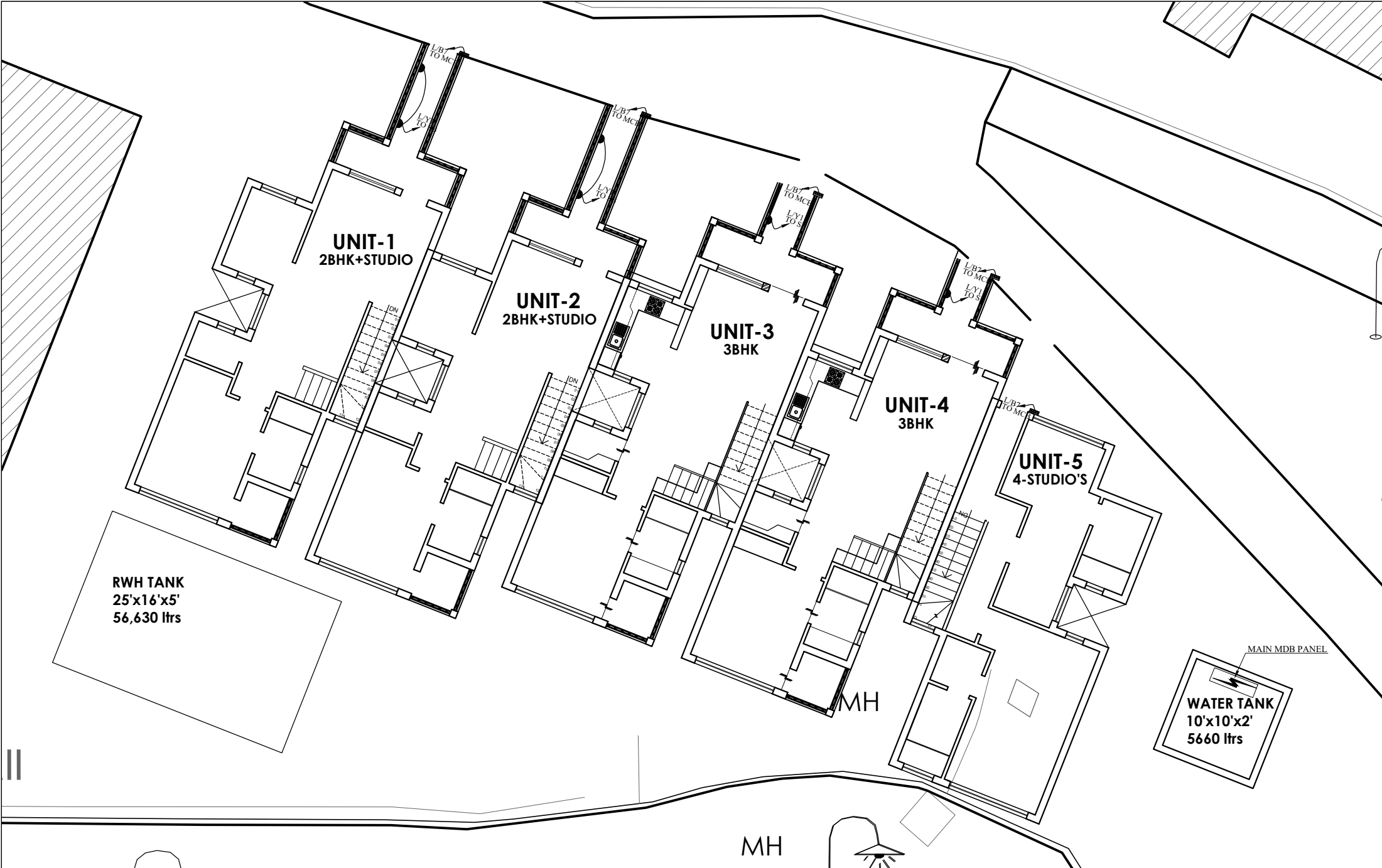
V - 20A / 5,  
D.L.F. CITY III,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL : spaceace.india@gmail.com

SCALE  
1:50

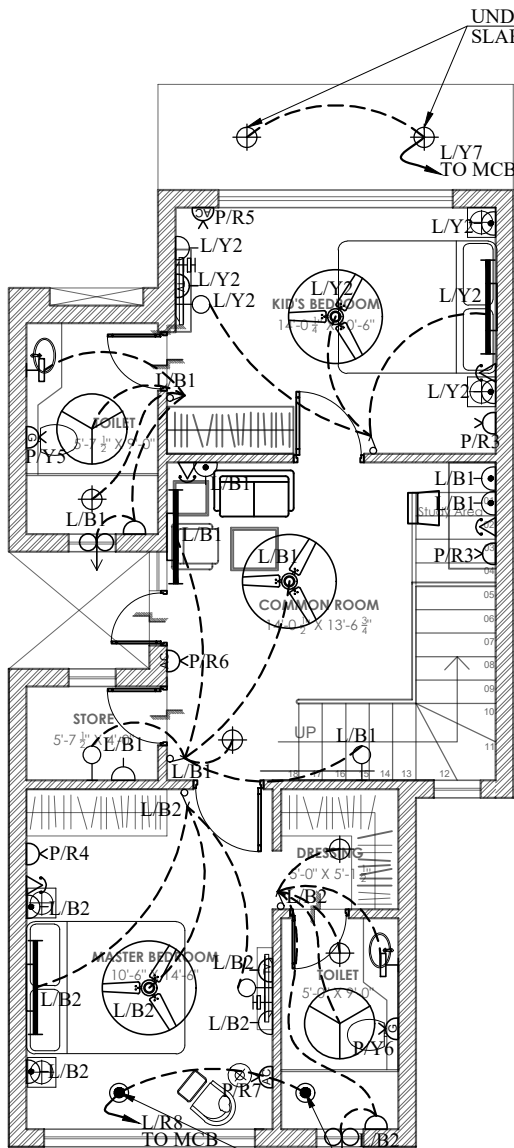




<b>NOTE :-</b> 1. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY. 2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS. 3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING. 4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL. 5. TOILET, PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL. 6. CUPBOARDS SHALL HAVE SKIRTING OF 100 MM. HIGH. 7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGG. INCHARGE. 8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.	<b>REVISION:</b>		<b>DRAWN BY</b>	<b>HARPINDER</b>	<b>DRAWING TITLE:</b>  EL- SITE PLAN GROUND FLOOR	<b>PROJECT:</b>  PROPOSED STAFF RESIDENCE AT LAWRENCE SCHOOL, SANAWAR	<b>M.E.P. CONSULTANT:-</b>  <b>WAC</b> WAC MEP Consultants & Project Managers B-77/78, Sector-5, Noida, UP-201301 Ph.: +91 120-4504693, E-mail: wac@wacmep.com	<b>SPACE ACE</b> ARCHITECTS, ENGINEERS & PLANNERS		V - 20A / 5, D.L.F. CITY III, GURGAON, HARYANA - 122002 PH - 0124-4106618, FAX: 0124-2365329 E-MAIL : spaceace.india@gmail.com
	S.NO.	DATE	DATE	11.02.2020						
	RO	11.02.2020	SCALE	1:60						
			DRG.NO.	SN/ELE/1						
			JOB. NO.							
			CHECKED BY	MR. RAJ						

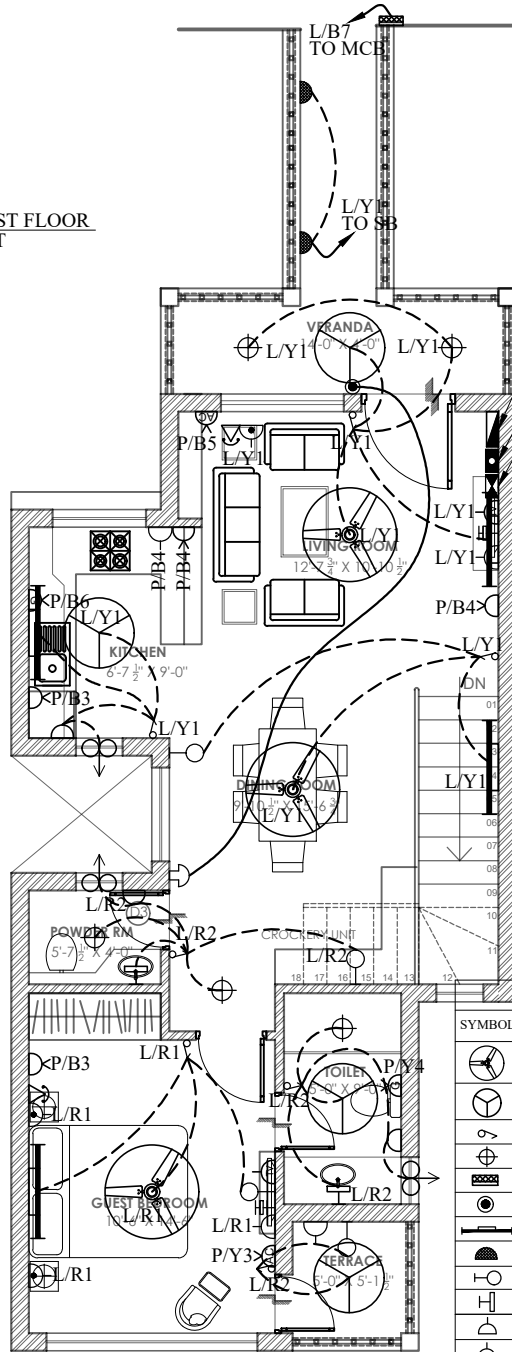


<div>NOTE :-</div> <div>1. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.</div> <div>2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.</div> <div>3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.</div> <div>4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.</div> <div>5. TOILET PANTRY, KITCHEN VERANDAH &amp; BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.</div> <div>6. CUPBOARDS SHALL HAVE SKIRTING OF 100 MM. HIGH.</div> <div>7. LOCATION, SIZES &amp; LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGG. INCHARGE.</div> <div>8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.</div>	REVISION:		DRAWN BY	HARPINDER	DRAWING TITLE:	PROJECT:	M.E.P. CONSULTANT:-	<div>SPACE ACE</div> <div>ARCHITECTS, ENGINEERS &amp; PLANNERS</div>	
	S.NO.	DATE	DATE	11.02.2020					
	RO	11.02.2020	SCALE	1:60					
			DRG.NO.	SN/ELE/1					
			JOB. NO.						
		CHECKED BY	MR. RAJ		EL- SITE PLAN FIRST FLOOR	PROPOSED STAFF RESIDENCE AT LAWRENCE SCHOOL, SANAWAR	<div><div><div>WAC</div><div>M.E.P. Consultants &amp; Project Managers</div><div>B-77/78, Sector-5, Noida, UP-201301</div><div>Ph.: +91 120-4504693, E-mail: wac@wacmep.com</div></div></div>	<div><div><div>DRG. NO.</div><div>DATE</div><div>SCALE</div><div>BY</div></div><div><div>11.02.2020</div><div>11.02.2020</div><div>1:60</div><div>MR. RAJ</div></div></div>	<div>V - 20A / 5, D.L.F. CITY III, GURGAON, HARYANA - 122002 PH - 0124-4106618, FAX: 0124-2365329 E-MAIL : spaceace.india@gmail.com</div>



GROUND FLOOR PLAN  
FLOOR AREA = 750.29 SQ.FT

UNDER GROUND FLOOR  
SLAB LIGHT



FIRST FLOOR PLAN  
FLOOR AREA = 720.73 SQ.FT

LIGHT & POWER DB  
12 WAY TPN  
MATV

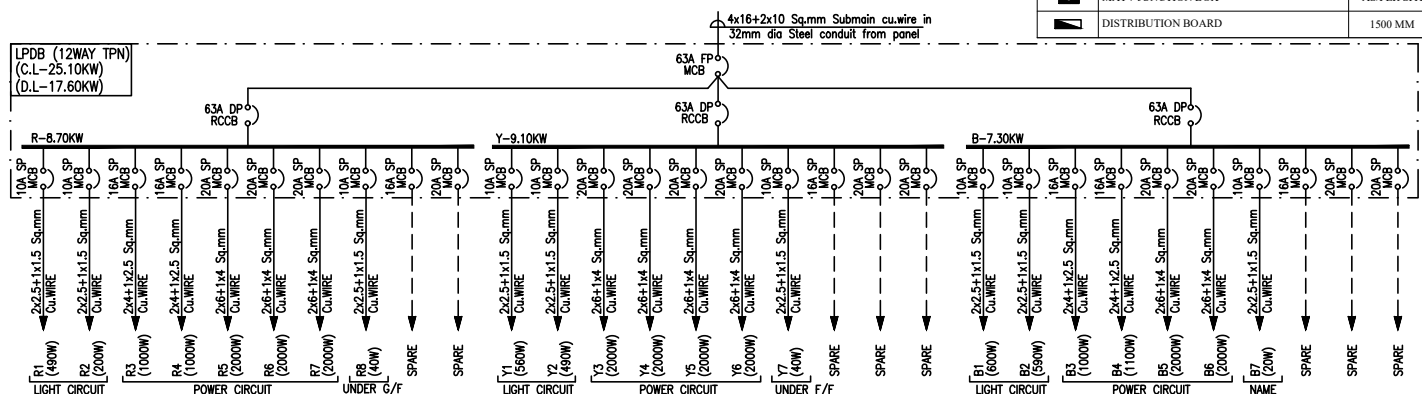
TELEPHONE  
TAG BLOCK

#### NOTES :-

1. ALL DIMENSIONS ARE IN MM.
2. ALL CONDUITS SHALL BE RECESSED/ CONCEALED IN WALL/ SLAB AND SHALL BE HEAVY DUTY (2MM WALL THICKNESS) PVC CONDUIT, UNLESS SPECIFIED OTHERWISE.
3. A MAXIMUM OF 2 CIRCS. OF SAME PHASE SHALL BE LAID IN 25mm DIA CONDUIT.
4. SEPARATE COND. SHALL BE LAID FOR T.V. & TELEPHONE OUTLET.
5. 2 PAIR ATC TELEPHONE WIRE SHALL BE LAID FOR TELEPHONE POINT.
6. 1.5 Sqmm PVC INSULATED Cu. WIRE SHALL BE USED FOR LIGHT POINT WIRING.
7. RCA CO-AXIAL CABLE SHALL BE PROVIDED FOR MATV NETWORK.
8. MOUNTING HEIGHT GIVEN ARE LEVEL FROM CENTER LINE OF THE SWITCH BOARD FROM FINISH FLOOR/ COUNTER LEVEL, UNLESS SPECIFIED OTHERWISE.
9. ALL SOCKETS IN KITCHEN SHALL BE MOUNTED 300mm ABOVE COUNTER LEVEL.
10. ALL SWITCHES & SOCKETS AT BED SIDE SHALL BE 600mm ABOVE FINISH FLOOR LEVEL EXCEPT TELEPHONE OUTLET WHICH SHALL BE AS PER LEGEND.
11. ALL SWITCHES SHALL BE 150mm AWAY FROM THE CORNER, UNLESS SPECIFIED, OTHERWISE.
12. ALL FANS SHALL BE CONTROLLED THRU FAN REGULATOR ALONG WITH SWITCH.
13. THE CONTRACTOR SHALL GET APPROVAL ON SHOP DRAWINGS (REFLECTING SIZE OF CONDUITS AND NOS. OF WIRES IN CONDUIT) FROM THE CONSULTANT/ARCHITECT BEFORE EXECUTION.
14. THE NOS. OF TELEPHONE WIRE (2pair) SIZE DRAWN IN ONE CONDUIT ARE AS GIVEN BELOW.  
a. 20mm<sup>2</sup> 2NCS (MAX.)  
b. 25mm<sup>2</sup> 2NCS (MAX.)
15. A MINIMUM SEPARATION OF 300MM SHALL BE MAINTAINED BETWEEN CONDUIT FOR DATA/LAN AND CONDUIT FOR LIGHTING (POWER CIRCUIT). IF UNAVOIDABLE, THEN IT SHALL CROSS AT RIGHT ANGLE TO EACH OTHER.

#### LEGEND

SYMBOL	DESCRIPTION	MT. HEIGHT (MM)
	CEILING FAN 1200MM	ON CEILING
	CEILING FAN 900MM	ON CEILING
	6AMP ONE WAY SWITCH BOARD	1200 MM
	12W SURFACE MOUNTED LED LIGHT FIXTURE	ON CEILING
	NAME PLATE LIGHT FIXTURE	
	12W SURFACE MOUNTED LED LIGHT FIXTURE	UNDER G/F SLAB
	20W LED WALL MOUNTED TUBE LIGHT	2100 MM
	10W LED BULK HEAD LIGHT FIXTURE	1800 MM
	BRACKET LIGHT 9W LED FIXTURE	2100 MM
	5W LED MIRROR LIGHT	ABOVE/MIRROR
	6AMP 5 PIN SOCKET WITH SWITCH	1000 MM
	6AMP 5 PIN SOCKET WITH SWITCH	600 MM
	6AMP 5 PIN SOCKET WITH SWITCH FOR TV	1000 MM
	6/16AMP 3/6 PIN SOCKET WITH SWITCH	230 & 150 ABOVE SLAB
	6PIN 25AMP SOCKET WITH MCB FOR AC	230 MM
	20AMP SOCKET WITH SWITCH FOR GEYSER	1800 MM
	5AMP CEILING ROSE FOR EXHAUST FAN	2100 MM
	EXHAUST FAN	2100 MM
	TV OUTLET	600 MM
	TELEPHONE OUTLET	230 MM
	CALL BELL BUZZER	2400 MM
	CALL BELL PUSH	1200 MM
	TELEPHONE TAG BLOCK	AS/PER SITE
	MATV JUNCTION BOX	AS/PER SITE
	DISTRIBUTION BOARD	1500 MM



NOTE :-  
1. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSION ONLY.  
2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.  
3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.  
5. TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.  
6. CUPBOARD SHALL HAVE SKIRTING OF 100 MM. HIGH.  
7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL. SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGS. IN CHARGE.  
8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

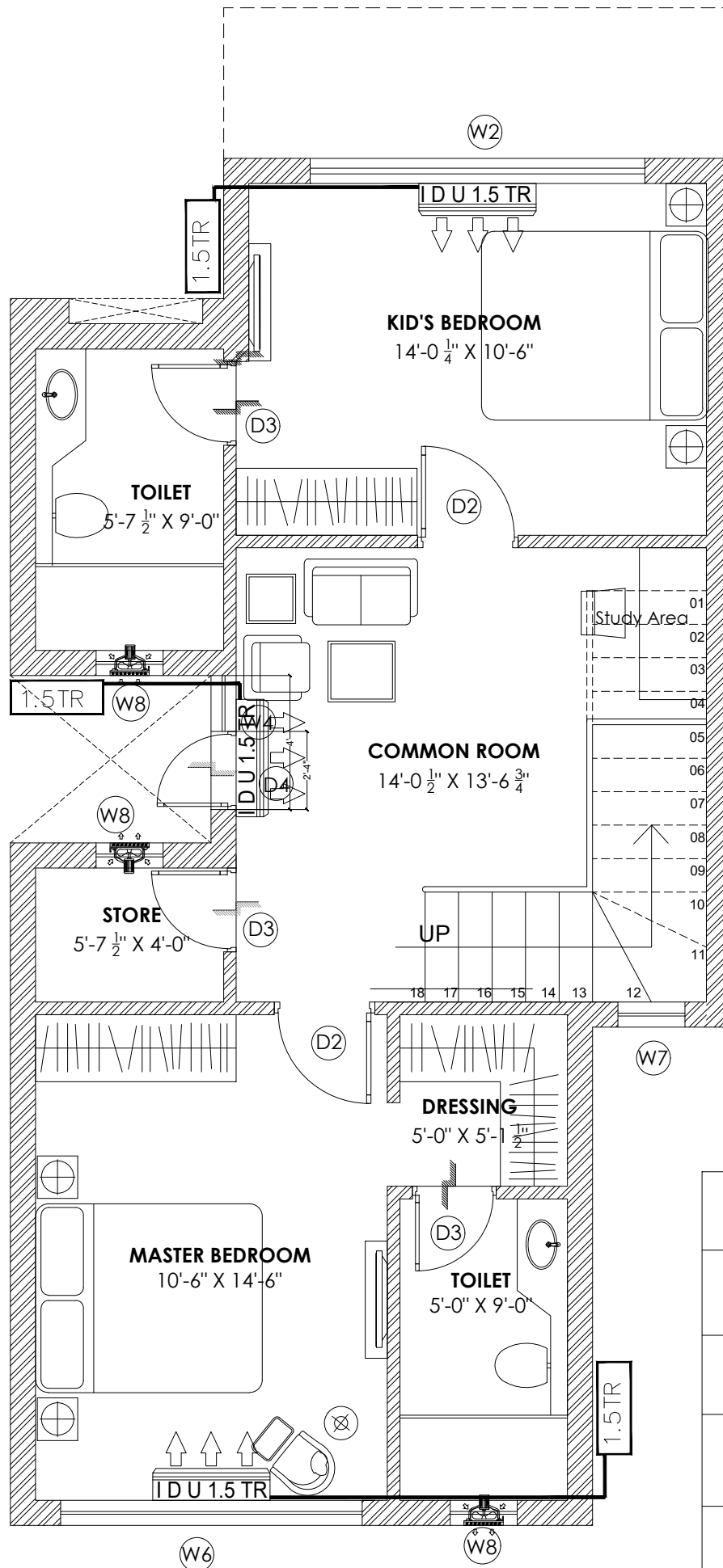
REVISION:	DATE	DRAWN BY	HARPINDER
R0	18.01.2020	SCALE	NTS
R1	05.02.2020	DRG. NO.	SN/ELE/2
R2	11.02.2020	JOB. NO.	
		CHECKED BY	MR. RAJ

DRAWING TITLE:  
EL-LIGHT & POWER LAYOUT  
3-BHK  
GROUND & FIRST FLOOR

PROJECT:  
PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

M.E.P. CONSULTANT:-  
**WAC**  
WAC Engineers & Project Managers  
B-77/78, Sector-10, Gurgaon  
Ph.: +91 120-4504693, E-mail: wac@wacmep.com

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS  
V-20A / 5,  
D.L.F. CITY III,  
GURGAON, HARYANA - 122002  
Ph: 0124-410618; Fax: 0124-2363329  
E-MAIL: spaceace.india@gmail.com



6#200 $\phi$  PROPELLER FAN  
FOR EX.TOITEL(100cfm)

4#1.5 TR WALL MOUNTED SPLIT  
IDU SIZE W-1050xH290xD240

1#2.0 TR WALL MOUNTED SPLIT  
IDU SIZE W-1050xH290xD240

4#1.5 TR WALL MOUNTED SPLIT  
ODU SIZE W-825xH735xD300

1#2.0 TR WALL MOUNTED SPLIT  
ODU SIZE W-900xH770xD320

NOTE :-  
1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.  
2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.  
3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.  
5. TOILET PANTRY, KITCHEN VERANDAH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.  
6. CURBBOARDS SHALL HAVE SKIRTING OF 100 MM. HIGH.  
7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGG. INCHARGE.  
8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

REVISION:	S.NO.	DATE	DRAWN BY	HARPINDER
R0	18.01.2020	DATE	12.01.2020	
R1	05.02.2020	SCALE	1:40	
R2	11.02.2020	DRG.NO.	SN/ELE/3	
		JOB. NO.		
		CHECKED BY	MR. RAJ	

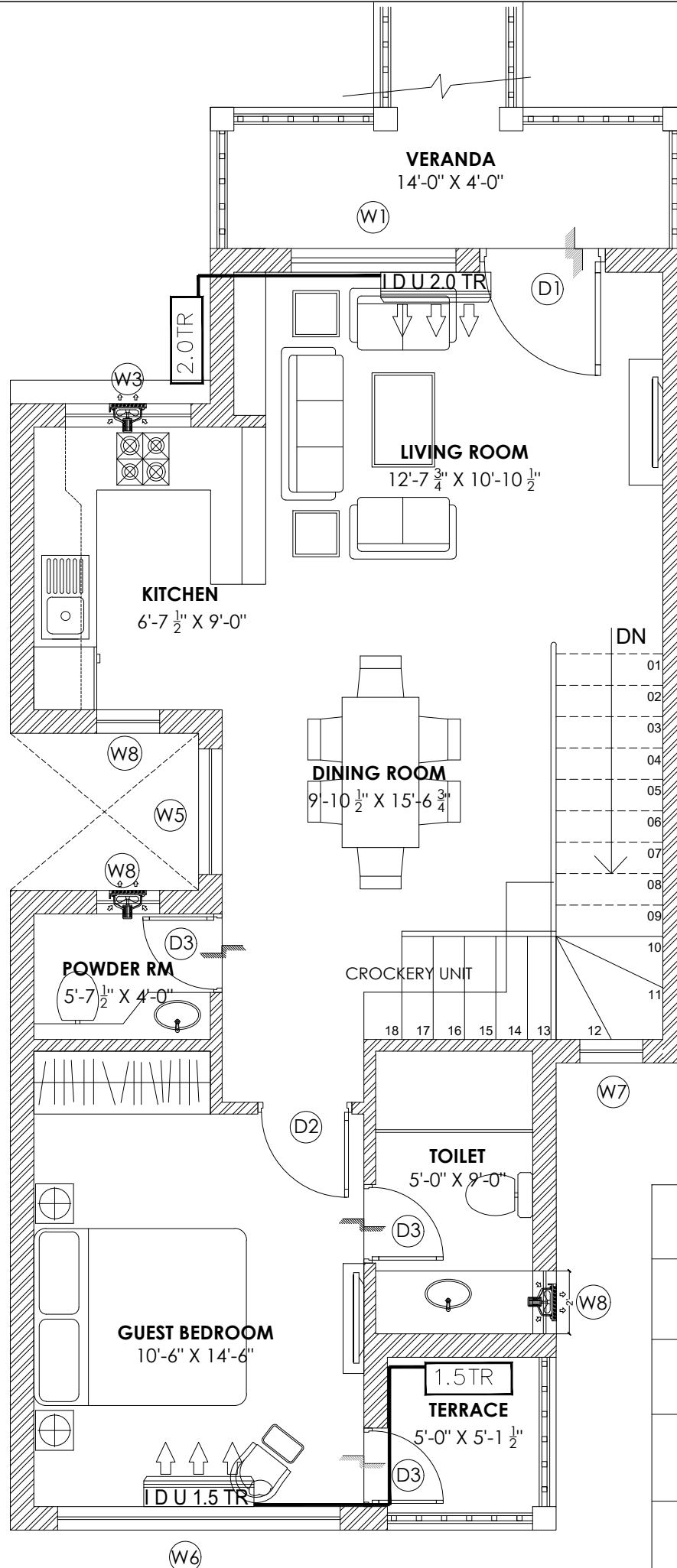
DRAWING TITLE:  
TYPICAL HVAC LAYOUT  
PLAN - GROUND FLOOR  
PLAN

PROJECT:  
PROPOSED  
STAFF RESIDENCE AT  
LAWRENCE SCHOOL, SANAWAR

M.E.P. CONSULTANT:-  
**WAC**  
WAC Engineering & Project Managers  
B-77/78, Sector 17, Gurgaon, Haryana - 122002  
Ph.: +91 120-4504693, E-mail: wac@wacnep.com

**SPACE ACE**  
ARCHITECTS, ENGINEERS & PLANNERS  
V - 20A / 5,  
D.L.F. CITY III,  
GURGAON, HARYANA - 122002  
PH - 0124-4106618, FAX: 0124-2365329  
E-MAIL : sp@space.india@gmail.com





6#200φ PROPELLER FAN FOR EX. TOITEL (100cfm)
4#1.5 TR WALL MOUNTED SPLIT IDU SIZE W-1050xH290xD240
1#2.0 TR WALL MOUNTED SPLIT IDU SIZE W-1050xH290xD240
4#1.5 TR WALL MOUNTED SPLIT ODU SIZE W-825xH735xD300
1#2.0 TR WALL MOUNTED SPLIT ODU SIZE W-900xH770xD320

NOTE :-  
 1. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSION ONLY.  
 2. ALL DIMENSIONS IN MM. AND LEVELS IN METERS.  
 3. 750 WIDE PLINTH PROTECTION TO BE PROVIDED ALL AROUND THE BUILDING.  
 4. SKIRTING SHALL BE 100MM. HIGH FROM FINISHED FLOOR LEVEL.  
 5. TOILET PANTRY, KITCHEN VERANDASH & BALCONY FLOOR LEVEL SHALL BE 12 MM. DOWN FROM GENERAL FLOOR LEVEL.  
 6. CURBBOARDS SHALL HAVE SKIRTING OF 100 MM. HIGH.  
 7. LOCATION, SIZES & LEVELS OF MANHOLES TO BE CO-ORDINATED WITH EXTERNAL SEWERAGE LAY OUT PLAN GOT APPROVED BY ENGG. INCHARGE.  
 8. ALL MEASUREMENT MUST BE CHECKED AT SITE BY CONTRACTOR.

REVISION:	DATE	DRAWN BY	HARPINDER
S.NO.	DATE	DATE	12.01.2020
R0	18.01.2020	SCALE	1:40
R1	05.02.2020	DRG. NO.	SN/ELE/3
R2	11.02.2020	JOB. NO.	
		CHECKED BY	MR. RAJ

DRAWING TITLE:  
 TYPICAL HVAC LAYOUT  
 PLAN - GROUND FLOOR  
 PLAN

PROJECT:  
 PROPOSED  
 STAFF RESIDENCE AT  
 LAWRENCE SCHOOL, SANAWAR

M.E.P. CONSULTANT:-  
**WAC**  
 8-7778, Sector 17, Gurgaon, Haryana - 122002  
 Ph.: +91 120-4504693, E-mail: wac@wacnep.com

**SPACE ACE**  
 ARCHITECTS, ENGINEERS & PLANNERS  
 V - 20A / 5,  
 D.L.F. CITY III,  
 GURGAON, HARYANA - 122002  
 PH - 0124-4106618, FAX: 0124-2365329  
 E-MAIL : sp@space.india@gmail.com