



FIRST FLOOR FOR HVAC PLAN

LEGEND		
No.	Symbol	Description
01.		ACOUSTICALLY INSULATED DUCT
02.		ACCESS DOOR
03.		BOTTOM OF BEAM
04.		BOTTOM OF DUCT
05.		BOTTOM OF PIPE
06.		BOTTOM OF FALSE CEILING
07.		CONDENSATE DRAIN PIPE
08.		CUBIC FEET PER MINUTE
09.		CHILLED WATER SUPPLY PIPE
10.		CHILLED WATER RETURN PIPE
11.		EXTERNALLY INSULATED DUCT
12.		REFRIGERANT LIQUID PIPE
13.		REFRIGERANT GAS PIPE
14.		FRESH AIR
15.		SUPPLY AIR GRILLE
16.		RETURN AIR GRILLE
17.		TAPER
18.		SUPPLY AIR DUCT
19.		RETURN AIR DUCT
20.		EXHAUST AIR DUCT
21.		TOILET EXHAUST AIR DUCT
22.		FRESH AIR DUCT
23.		SMOKE EXHAUST AIR DUCT
24.		SUPPLY AIR DIFFUSER / RETURN AIR DIFFUSER
25.		DRAIN PIPE AHU / DRAIN PIPE VAV
26.		EXHAUST & SUPPLY AIR GRILLE
27.		VOLUME CONTROL DAMPER
28.		MOTORISED VOLUME CONTROL DAMPER
29.		FIRE DAMPER WITH FUSIBLE LINK
30.		MOTORISED FIRE DAMPER
31.		VARIABLE AIR VOLUME
32.		STARTER PANEL WITH VFD PANEL
33.		THERMOSTAT
34.		CASSETTE UNIT
35.		AC SPLIT UNIT
36.		AIR CURTAIN
37.		REF. NUT
38.		LINER SLOT DIFFUSER (3 SLOT) SUPPLY AND RETURN AIR GRILL

GENERAL NOTE

- ALL DIMENSIONS ARE IN MM.
- ALL LEVELS INDICATED ARE IN MM.
- DIMENSIONS / LEVELS INDICATED ARE STRUCTURAL UNLESS OTHERWISE SPECIFIED
- THIS DRAWING, UNLESS OTHERWISE MENTIONED, TO BE PLOTTED TO STANDARD A0 SIZE.
- ONLY WRITTEN DIMENSIONS TO BE FOLLOWED. DO NOT SCALE THE DRAWING
- DIMENSIONS / LEVELS SHOWN TO BE VERIFIED AT SITE BEFORE COMMENCEMENT OF WORK ANY DISCREPANCIES IF NOTED, SHOULD BE BROUGHT TO THE NOTICE OF ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
- RELEVANT SERVICES DRAWINGS ARE TO BE READ SIMULTANEOUSLY AND PROVISION OF CUTOUTS / SLEEVES TO BE PROVIDED AS REQUIRED.
- ALL MATERIALS / FINISHES TO BE AS SPECIFIED AND APPROVED BY THE CONSULTANTS.

CAUTION

While every attempt has been made in the preparation of this drawing to avoid mistakes, the maker can not guarantee against human error. The contractor on the job must check all dimensions and other details and be responsible for the same.

R2	17.11.2021	REV. ARCH LAYOUT & UNITS	DJ	HK
R1	11.11.2021	REV. ARCH LAYOUT	DJ	HK
R0	09.11.2021	ISSUED FOR COMMENTS.	DJ	HK
NO.	DATE	REVISION	DRN	CHK

PROJECT NAME:

WS-UTOPIA BORIVALI

CLIENT :

TRENT LIMITED

LIGHTING CONSULTANT :

MEP CONSULTANT :

HVAC Contractor : **VOLTAS LIMITED**
A TATA Enterprise
DOMESTIC PROJECTS GROUP
Voltas House-B, T.B.Kadamb Marg, Chinchpokli(E) Mumbai-400 033.

ARCHITECT

TRENT LIMITED
ADDRESS: TRENT LTD., 2ND FLOOR, COMMERCIAL TOWER 2, KOHINOOR CITY, KIROL ROAD, KURLA (WEST), MUMBAI-400070

ORIENTATION :

DATE : 09.11.2021

SCALE : 1:75 @A1

DRAWN BY : DJ

CHECKED BY : HK

DRAWING NO : \L\DPG\WS-UTOP-BOR\ACD-02_R2

DRAWING NAME :

HVAC LAYOUT FOR FIRST FLOOR

UNIT SCHEDULE GR. FLOOR (ODU)				
SR No	SIZE (LxWxH)	TR	QTY.	WT.
1	1200x450x960		4 Nos.	-
2	1200x450x960	INVERTER	2 Nos.	-
3	950x450x960	INVERTER	1 Nos.	-

UNIT SCHEDULE GR. FLOOR (DUCTABLE UNIT-IDU)						
SR No	SIZE (LxWxH)	TR	CFM	QTY.	WT.	
1	1508x795x404	8.75	3400	2 Nos.	-	
2	1508x795x404	9.0	3400	2 Nos.	INVERTER	
3	2020x750x575	17.0	6800	1 Nos.	-	
4	1230x726x404	6.0	2200	1 Nos.	INVERTER	

Height Levels (FFL-50mm)									
SR No	Floor	BOSLAB	BOHB	BOLB	BOHFC	BOLFC	BOU	BOD	COSP
1	Ground	13'-1"	10'-11"	9'-4"	10'-6"	9'-5"	10'-8"	11'-0"	-
2	First	13'-1"	11'-2"	9'-2"	10'-6"	9'-5"	10'-8"	10'-11"	-
3	Second	13'-1"	11'-11"	9'-2"	10'-6"	9'-5"	10'-8"	10'-4"	-

NOTE: ALL JET NOZZLE DIFFUSER TO BE CONNECTED WITH Ø250MM CIRCULAR DUCT