

LEGENDS:

	EXHAUST AIR DUCT
	FRESH AIR DUCT
	PRESSURIZATION DUCT
	AXIAL FLOW FAN
	FRESH AIR GRILLE
	EXHAUST AIR GRILLE

FIRE SUBMISSION DRAWING

PROJECT
**PROPOSED BUILDING PLAN OF
 COMMERCIAL COLONY AREA
 MEASURING 3.99 ACRES (LICENCE NO.
 119 DATED 05-08-2023) FALLING IN
 SECTOR-90, GURUGRAM BEING
 DEVELOPED BY NORTH STAR TOWERS
 PVT. LTD., MATRIX BUILDWELL PVT. LTD.,
 IN COLLABORATION WITH NORTH STAR
 APARTMENTS PVT. LTD. (NOW KNOWN
 AS SS GROUP PVT. LTD.)**

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ACPL
 ACPL Design Ltd
 Certified by the Fire Safety Institute
 as a Mechanical Fire Protection
 Specialist

DATE: 15.12.2023
DRWING NO: VENT-01
DRWING TITLE: VENTILATION LAYOUT BASEMENT 3 PLAN
SCALE: A/G
DATE: 15.12.2023

For SS Group Pvt. Ltd.
 Authorized Signatory
 OWNER'S SIGNATURE

- ZONE-1**
 2# AXIAL FLOW FAN 35700 CFM EACH
 FOR EXHAUST AIR
 4# 1000X250 EXH. AIR GRILLE
 1785 CFM EACH
 2# AXIAL FLOW FAN 35700 CFM EACH
 FOR FRESH AIR
 2# 600X250 F/A DROPPER COLLAR
 500X700 IH F/A GRILLE
 3570 CFM EACH
- ZONE-2**
 2# AXIAL FLOW FAN 36600 CFM EACH
 FOR EXHAUST AIR
 4# 1000X250 EXH. AIR GRILLE
 1830 CFM EACH
 2# AXIAL FLOW FAN 36600 CFM EACH
 FOR FRESH AIR
 2# 600X250 F/A DROPPER COLLAR
 500X700 IH F/A GRILLE
 3660 CFM EACH
- ZONE-3**
 2# AXIAL FLOW FAN 29800 CFM EACH
 FOR EXHAUST AIR
 3# 1000X250 EXH. AIR GRILLE
 1657 CFM EACH
 2# AXIAL FLOW FAN 29800 CFM EACH
 FOR FRESH AIR
 2# 600X250 F/A DROPPER COLLAR
 500X700 IH F/A GRILLE
 2930 CFM EACH
- ZONE-4**
 2# AXIAL FLOW FAN 32600 CFM EACH
 FOR EXHAUST AIR
 4# 1000X250 EXH. AIR GRILLE
 1516 CFM EACH
 2# AXIAL FLOW FAN 32600 CFM EACH
 FOR FRESH AIR
 2# 600X250 F/A DROPPER COLLAR
 500X700 IH F/A GRILLE
 3260 CFM EACH

- STP**
 1# AXIAL FLOW FAN 2700 CFM
 FOR EXHAUST AIR
 1# 1000X300 EXH. AIR GRILLE
 270 CFM EACH
 1# AXIAL FLOW FAN 1900 CFM
 FOR FRESH AIR
 1# 1000X300 FRESH AIR GRILLE
 1900 CFM EACH
- HVAC PLANT ROOM**
 1# AXIAL FLOW FAN 23500 CFM
 FOR EXHAUST AIR
 9# 1000X300 EXH. AIR GRILLE
 2611 CFM
 1# AXIAL FLOW FAN 23500 CFM
 FOR FRESH AIR
 9# 1000X300 FRESH AIR GRILLE
 2611 CFM
- STORE ROOM-1**
 1# AXIAL FLOW FAN 2050 CFM EACH
 FOR FRESH AIR
 1# AXIAL FLOW FAN 2050 CFM EACH
 FOR EXHAUST AIR
- SERVICE AREA**
 1# AXIAL FLOW FAN 17900 CFM EACH
 FOR FRESH AIR
 1# AXIAL FLOW FAN 17900 CFM EACH
 FOR EXHAUST AIR

NOTE:
 TRAVELING DISTANCE IS
 NOT MORE THAN 4.50 M



BASEMENT 03

