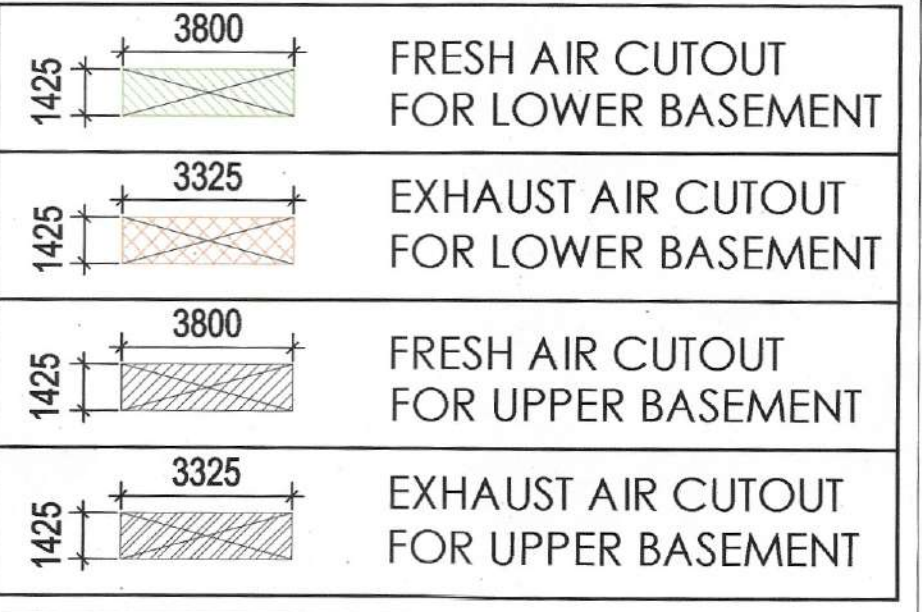
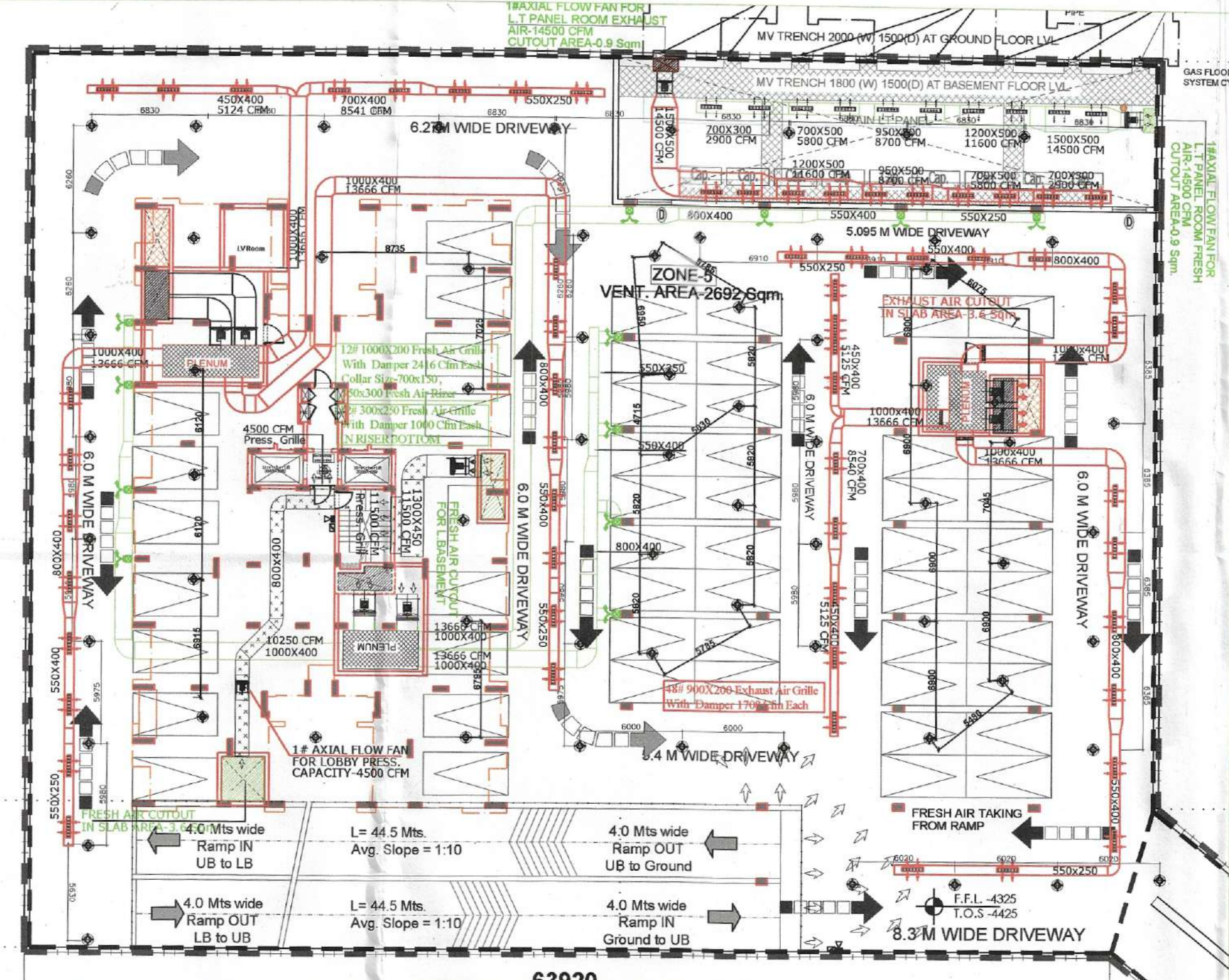


**HVAC LEGEND**

	FRESH AIR DUCT
	EXHAUST AIR DUCT
	PRESSURIZATION DUCT
	ZONE LINE
	EXHAUST AIR FAN
	FRESH AIR FAN
	PRESSURIZATION FAN
	FRESH AIR GRILL
	EXHAUST AIR GRILL

**UPPER BASEMENT VENTILATION REQUIREMENTS**

TOTAL NO OF ZONE - 5 NOs.		FAN SIZE	FRESH AIR		FAN SIZE
S.No.	EXHAUST AIR		IN CASE OF NORMAL CAPACITY (CFM)	IN CASE OF EMERGENCY CAPACITY (CFM)	
1)	IN CASE OF NORMAL CAPACITY (CFM)	12000 mm. EACH	IN CASE OF NORMAL CAPACITY (CFM)	IN CASE OF EMERGENCY CAPACITY (CFM)	
2)	VANE AXIAL FLOW FAN EACH SHAFT 1 NO. CAP:- 21700 CFM EACH		VANE AXIAL FLOW FAN EACH SHAFT 1 NO. CAP:- 21700 CFM EACH	TUBE AXIAL FLOW FAN EACH SHAFT 1 NO. CAP:- 21700 CFM EACH	
3)	EACH ZONE FAN = 2 NO.		EACH ZONE FAN = 2 NO.	EACH ZONE FAN = 2 NO.	
4)	TOTAL FAN = 10 NOs.		TOTAL FAN = 10 NOs.	TOTAL FAN = 7 NOs.	



**ELECTRICAL FIRE LEGEND-**

	MULTI DETECTOR
	SMOKE DETECTOR
	FIRE ALARM HOOTER
	MANUAL CALL POINT
	HEAT DETECTOR

**AUTHORITY STAMP:**

D.T.P. (H.O.) Member Secretary  
S.F.P. (G) Member B.P.C.  
C.T.P. (H.) Chairman B.P.C.

Sanjay Singh, Council of Architects  
Registration No. CU/100/100/5

**ARK CONSULTANTS**  
(Fire Fighting Consultants)

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**CLIENT:**  
DSS BUILDTech PVT.LTD  
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**PROJECT TITLE:**  
Proposed Building Plans for Group Housing Scheme Measuring 17.41875 Acres (Licence No.77 of 2013 Dated 10.08.2013) in Sector-35, Scheme Being Developed By SMT ARTI, KHANDELWAL AND OTHERS IN COLLABORATION WITH DSS BUILDTech PVT.LTD

**ARCHITECT'S SIGNATURE / STAMP:**

Sanjay Singh  
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Registration No. CU/100/100/5

**OWNER'S SIGNATURE / STAMP:**

For DSS BUILDTech PRIVATE LIMITED  
Authorized Signatory

Check and Local use for Public Health (Sanitary) Services only subject to compliance in accordance with the provisions of the S.P. Code of Practice, 1973, Part-IV, dated 12.3.74  
Authorizing Engineer (S&E)  
MCA, Patna

**DRAWING TITLE:**  
UPPER BASEMENT  
TOWER C/2E  
BASEMENT VENTILATION & FIRE ELECTRICAL LAYOUT

Scale: 1:200 Project No: 2013/106  
Date: 21-10-2015 Drawing No: Fire Fighting Scheme Approved vide No. FA/... Date: ...  
Drawn By: A.K 02 FF-BAS-02  
Checked By: K.A  
Sheet Size: A01 (890x420) Drawing Status: SUBMITTED

Paras Kumar Jain  
Certify that this drawing is as per original drawing issued by the client vide No. 6229-33 dt 21/10/2015  
Paras Kumar Jain

Notified that Fire Fighting Scheme is as per N.C.C. 1033 Part-IV revised 2005

F.S.O. Gurgaon Sr. F.S.O. Gurgaon

Fire Fighting Scheme Approved vide No. FA/... Date: ...