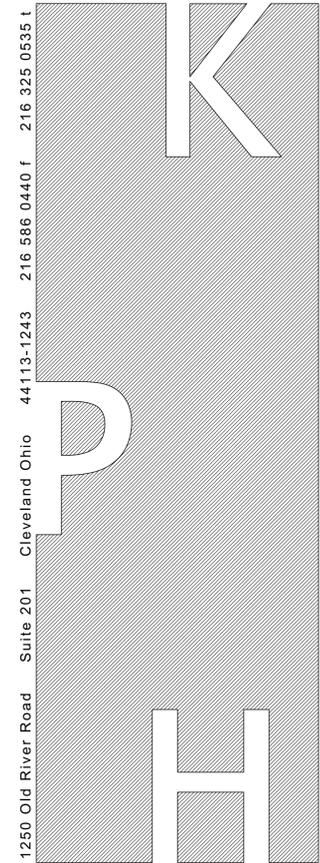




Kevin P. Hengst, Architect



Job No. 21256

PET SUPPLIES PLUS
Store #4175 Stony Point, NY
Interior Renovation

22 Holt Dr. Suite 107,
Stony Point, NY 10980

Mechanical Schedules

M 3.0

MECHANICAL VENTILATION SCHEDULE													BASED ON ASHRAE 62.1-2010			
ROOM NAME	OCCUPANCY CATEGORY	FLOOR AREA Az (FT2)	AREA OUTDOOR AIRFLOW RATE Ra (CFM/FT2)	PEOPLE OUTDOOR AIRFLOW RATE Rp (CFM/P)	OCCUPANT DENSITY (#/1000FT2)	PEOPLE Pz (PEOPLE)	EFFECTIVE-NESS	REQUIRED OUTDOOR AIRFLOW Vbz (CFM)	EXHAUST RATE (CFM/FT2)	REQUIRED EXHAUST AIRFLOW (CFM)	ACTUAL PROVIDED OUTDOOR AIRFLOW (CFM)	ACTUAL PROVIDED EXHAUST AIRFLOW (CFM)	MECHANICAL UNIT			
SALES	SALES	-	-	-	-	-	-	-	-	-	-	-				
GROOMING	PET SHOPS	-	-	-	-	-	-	-	-	-	-	-				
GROOMING ENT.	OTHER	-	-	-	-	-	-	-	-	-	-	-				
HOLDING	PET SHOPS	-	-	-	-	-	-	-	-	-	-	-				
PUB. PET WASH	PET SHOPS	-	-	-	-	-	-	-	-	-	-	-				
OFFICE	OFFICE SPACE	-	-	-	-	-	-	-	-	-	-	-				
BACK ROOM	OCC. STORAGE	-	-	-	-	-	-	-	-	-	-	-				
CORRIDOR	CORRIDORS	-	-	-	-	-	-	-	-	-	-	-				
MENS	PUBLIC TOILET	-	-	-	-	-	-	-	-	-	-	-				
WOMENS	PUBLIC TOILET	-	-	-	-	-	-	-	-	-	-	-				
TOTAL																
REMARKS: 1. THE VENTILATION SYSTEM IS EXISTING TO REMAIN AND SHALL FUNCTION AS ORIGINALLY DESIGNED. OUTDOOR AIR IS INTRODUCED TO THE SPACE THROUGH (2) EXISTING ROOFTOP UNITS. THE MECHANICAL CONTRACTOR SHALL FIELD VERIFY THAT ALL CO2 SENSORS AND OUTDOOR AIR DAMPERS ARE FUNCTIONAL. THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR IN ORDER TO PLACE CO2 SENSORS AND OUTDOOR AIR DAMPERS IN GOOD, WORKING CONDITION.																
ROOFTOP UNIT SCHEDULE																
MARK	SERVICE	SUPPLY AIR (CFM)	O.A. (CFM)	E.S.P.	VOLTAGE / PHASE	MCA	MOCP	COOLING CAPACITY		HEATING CAPACITY		SEER/EER	MANUFACTURER & MODEL NO.	WEIGHT (LBS)	REMARKS	
								TOTAL	SENSIBLE	MBH INPUT	MBH OUTPUT					
RTU-1 (EXISTING)	SALES	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
RTU-2 (EXISTING)	SALES	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
RTU-3 (EXISTING)	SALES	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
REMARKS: 1. ROOFTOP UNIT IS EXISTING TO REMAIN AND SHALL FUNCTION AS ORIGINALLY DESIGNED. THE MECHANICAL CONTRACTOR SHALL VERIFY THAT THE ROOF TOP UNIT IS FUNCTIONAL AND PROVIDE ALL MATERIALS AND LABOR REQUIRED TO PLACE UNIT IN GOOD, WORKING CONDITION.																
GENERAL NOTES								GRILLE & DIFFUSER SCHEDULE								
<p>A. PET SUPPLIES PLUS HAS A NATIONAL HVAC AGREEMENT WITH YORK INTERNATIONAL. THE HVAC MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND ACCEPTING THE EQUIPMENT, VERIFYING PROPER QUANTITIES, PROVIDING TEMPORARY STORAGE, LABOR, AND FIRST YEAR LABOR WARRANTY.</p> <p>B. YORK NATIONAL ACCOUNTS WILL BE PROVIDING THE FOLLOWING EQUIPMENT: 1. ALL ROOFTOP HVAC UNITS INCLUDING ALL ACCESSORIES: a. FACTORY-INSTALLED INTELLISPEED VARIABLE FREQUENCY DRIVE (VFD) b. FACTORY-INSTALLED ECONOMIZER WITH BAROMETRIC RELIEF c. FACTORY-INSTALLED DISCONNECT SWITCH d. FACTORY-INSTALLED NON-POWERED CONVENIENCE OUTLET e. FACTORY-INSTALLED PHASE MONITOR f. FACTORY-INSTALLED HIGH-STATIC DRIVE g. FACTORY-INSTALLED RETURN AIR SMOKE DETECTOR h. 2" STANDARD FILTERS i. 14" HIGH ROOF CURB j. CO2 SPACE/WALL MOUNT SENSOR k. PROGRAMMABLE THERMOSTAT WITH WALL PLATE AND LOCKING COVER</p> <p>2. ALL GRILLES, REGISTERS AND DIFFUSERS AS SPECIFIED (GRD'S) AND ALL CONCENTRIC DIFFUSERS AS SPECIFIED. 3. ALL EXHAUST FANS AND REQUIRED ACCESSORIES 4. ALL GAS UNIT HEATERS AND REQUIRED ACCESSORIES 5. AIR CURTAIN AND REQUIRED ACCESSORIES</p> <p>ALL OTHER EQUIPMENT, ACCESSORIES, ETC. ARE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.</p>								MARK	MANUFACTURER & MODEL NO.	DAMPER NUMBER	FRAME/BORDER	CFM	MODULE SIZE	PATTERN	FINISH	REMARKS
								NOT USED	RUSKIN ROOFTOP SYSTEMS 1-575-2010	-	DUCT MOUNT	AS NOTED	30"x30"	4-WAY/DRUM GRILL	WHITE	SUPPLY
								B	TITUS TMS-AA	OBD	LAY-IN/DUCT	AS NOTED	24"x24"	4-WAY	WHITE	SUPPLY
								NOT USED	TITUS TMS-AA	OBD	SURFACE	AS NOTED	12"x12"	4-WAY	WHITE	SUPPLY
								NOT USED	TITUS 300RL	OBD	DUCT MOUNT	AS NOTED	AS NOTED	DOUBLE DEFLECTION	WHITE	SUPPLY WITH O.B.D.
								NOT USED	TITUS 350RL	-	LAY-IN/WALL	AS NOTED	24"x12"	35° FIXED	WHITE	RETURN
								F	TITUS 350RL	-	SURFACE/ DUCT	AS NOTED	12"x12"	35° FIXED	WHITE	EXHAUST
G	TITUS 350RL	-	LAY-IN/WALL	AS NOTED	24"x24"	35° FIXED	WHITE	EXHAUST								
NOT USED	TITUS 350RL	-	LAY-IN/WALL	AS NOTED	12"x6"	35° FIXED	WHITE	EXHAUST								
EXHAUST FAN SCHEDULE																
NO.	SERVICE	CFM	S.P.	RPM/MOTOR HP/WATTS	ELECT.	MANUF. & MODEL NO.	REMARKS									
EF-1 (EXISTING)	RESTROOMS	-	-	-	-	-	1									
NOT USED	-	-	-	-	-	-	1									
EF-3 (EXISTING)	PET AREAS	-	-	-	-	-	1									
EF-4	PET AREAS	394	0.375	1550/0.083/121	120V - 1Ø	YORK (PENNBARRY) EVD10R	3									
REMARKS: 1. EXHAUST FAN IS EXISTING TO REMAIN AND SHALL FUNCTION AS ORIGINALLY DESIGNED. THE MECHANICAL CONTRACTOR SHALL VERIFY THAT THE EXHAUST FAN IS FUNCTIONAL AND PROVIDE ALL MATERIALS AND LABOR REQUIRED TO PLACE FAN IN GOOD, WORKING CONDITION. 2. DISCONNECT SWITCH, GRAVITY BACKDRAFT DAMPER, FLEXIBLE DUCT COLLAR CONNECTION AND VIBRATION ISOLATION KIT. 3. DISCONNECT SWITCH, GRAVITY BACKDRAFT DAMPER, ROOF CURB.																
GAS UNIT HEATER SCHEDULE																
NO.	SERVICE	GAS INPUT / GAS OUTPUT BTU/HR	ELECT.	MANUF. & MODEL NO.	REMARKS											
UH-1 (EXISTING)	BACK ROOM	-	-	-	1											
REMARKS: 1. HEATER IS EXISTING TO REMAIN AND SHALL FUNCTION AS ORIGINALLY DESIGNED. THE MECHANICAL CONTRACTOR SHALL VERIFY THAT THE HEATER IS FUNCTIONAL AND PROVIDE ALL MATERIALS AND LABOR REQUIRED TO PLACE HEATER IN GOOD, WORKING CONDITION.																

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