

BIM 360://Kensico-EastView Connector (KEC)/KSEB-M_MODEL_ARUP.rvt

4/5/2023 2:43:21 PM

FAN SCHEDULE																		
TAG	MANUFACTURER & MODEL NO.	SERVICE	AREA SERVED	TYPE	CFM	E.S.P. (IN. W.G.)	FAN RPM	BHP	MOTOR DATA					OPERATION	VIBRATION ISOLATION		OPERATING WEIGHT (LB)	NOTES
									HP	V	PH	HZ	DRIVE		TYPE	MINIMUM STATIC DEFLECTION (IN)		
EA1-1	GREENHECK-USF-30-5-A1-0	EXHAUST	UNIT SUBSTATION ROOM	CENTRIFUGAL BLOWER	13,100	1.2	988	5	10	460	3	60	DIRECT	DUTY	OPEN SPRING	0.75	735	3, 7
EA1-2	GREENHECK-USF-30-5-A1-0	EXHAUST	UNIT SUBSTATION ROOM	CENTRIFUGAL BLOWER	13,100	1.2	988	5	10	460	3	60	DIRECT	STANDBY	OPEN SPRING	0.75	735	3, 7
EA1-3	GREENHECK-USF-30-5-A1-0	EXHAUST	MV SWITCHGEAR ROOM	CENTRIFUGAL BLOWER	14,100	1.3	1053	6	10	460	3	60	BELT	DUTY	OPEN SPRING	0.75	735	3, 7
EA1-4	GREENHECK-USF-30-5-A1-0	EXHAUST	MV SWITCHGEAR ROOM	CENTRIFUGAL BLOWER	14,100	1.3	1053	6	10	460	3	60	DIRECT	STANDBY	OPEN SPRING	0.75	735	3, 7
EA1-5	GREENHECK-G-097-VG	EXHAUST	SECURITY ROOM	CENTRIFUGAL DOWNBLAST	270	0.5	1629	0.11	0.25	115	1	60	DIRECT	DUTY	-	0.00	38	4
EA1-6	GREENHECK-G-097-VG	EXHAUST	COMMUNICATIONS ROOM	CENTRIFUGAL DOWNBLAST	130	0.3	1090	0.03	0.25	115	1	60	DIRECT	DUTY	-	0.00	38	8
EA1-7	GREENHECK-USF-10-5-B1	EXHAUST	BATTERY ROOM	CENTRIFUGAL BLOWER	600	0.5	1411	0.12	0.25	115	1	60	BELT	DUTY	-	0.00	180	2, 3, 5, 9
EA1-8	GREENHECK-USF-10-5-B1	EXHAUST	BATTERY ROOM	CENTRIFUGAL BLOWER	600	0.5	1411	0.12	0.25	115	1	60	BELT	STANDBY	-	0.00	180	2, 3, 5, 9
EA1-9	GREENHECK-G-060-VG	EXHAUST	FIRE SUPPRESSION ROOM	CENTRIFUGAL DOWNBLAST	100	0.2	1355	0.01	0.07	115	1	60	DIRECT	DUTY	-	0.00	19	4
SA1-1	GREENHECK-USF-30-5-A1-0	SUPPLY	UNIT SUBSTATION ROOM	CENTRIFUGAL BLOWER	14,600	2.3	1184	8.9	10	460	3	60	DIRECT	DUTY	OPEN SPRING	0.75	735	1, 3, 6
SA1-2	GREENHECK-USF-30-5-A1-0	SUPPLY	UNIT SUBSTATION ROOM	CENTRIFUGAL BLOWER	14,600	2.3	1184	8.9	10	460	3	60	DIRECT	STANDBY	OPEN SPRING	0.75	735	1, 3, 6
SA1-3	GREENHECK-USF-30-5-A1-0	SUPPLY	MV SWITCHGEAR ROOM	CENTRIFUGAL BLOWER	15,600	2.1	1216	9.4	10	460	3	60	DIRECT	DUTY	OPEN SPRING	0.75	735	1, 3, 6
SA1-4	GREENHECK-USF-30-5-A1-0	SUPPLY	MV SWITCHGEAR ROOM	CENTRIFUGAL BLOWER	15,600	2.1	1216	9.4	10	460	3	60	DIRECT	STANDBY	OPEN SPRING	0.75	735	1, 3, 6

NOTES:

1. PROVIDE INLET GUARD.
2. PROVIDE OUTLET GUARD.
3. FAN MOUNTED ON BASE RAILS WITH SPRING ISOLATORS. BASE RAILS SUPPORTED BY STRUCTURAL CHANNELS. SEE STRUCTURAL DRAWINGS FOR DETAIL.
4. FAN MOUNTED ON ROOF CURB. SEE STRUCTURAL DRAWINGS FOR DETAIL.
5. TOP HORIZONTAL CONFIGURATION.
6. BOTTOM HORIZONTAL CONFIGURATION.
7. TOP ANGULAR UP CONFIGURATION.
8. FAN MOUNTED 3 FEET ABOVE ROOF LEVEL ON STEEL FRAME TO ALLOW DUCT CONNECTION FROM BELOW WITH 18" CLEARANCE FROM ROOF.
9. FANS SHALL HAVE MINIMUM OF 2 HOURS OF STANDBY POWER AND SUPERVISION AT DEP SELECTED CENTRAL MONITORING STATION PER SECTION 1206.13.1, 2020 NYS FIRE CODE IN ACCORDANCE WITH NFPA 72

MOTORIZED DAMPER SCHEDULE							
TAG	MANUFACTURER	MODEL NO.	DAMPER DIMENSIONS		DAMPER ACTUATORS		
			HEIGHT (IN)	WIDTH (IN)	V	PH	HZ
MD-01	EWC	ND	24	24	24	1	60
MD-02	EWC	ND	36	42	24	1	60
MD-03	EWC	ND	36	42	24	1	60
MD-04A	EWC	ND	32	24	24	1	60
MD-04B	EWC	ND	32	24	24	1	60
MD-05	EWC	ND	36	42	24	1	60
MD-06A	EWC	ND	32	24	24	1	60
MD-06B	EWC	ND	32	24	24	1	60
MD-07	EWC	ND	36	42	24	1	60
MD-08A	EWC	ND	32	24	24	1	60
MD-08B	EWC	ND	32	24	24	1	60
MD-09	EWC	ND	36	42	24	1	60
MD-10A	EWC	ND	32	24	24	1	60
MD-10B	EWC	ND	32	24	24	1	60
MD-11	EWC	ND	16	16	24	1	60
MD-12	EWC	ND	12	12	24	1	60
MD-13	EWC	ND	8	8	24	1	60
MD-14	EWC	ND	12	12	24	1	60
MD-15	EWC	ND	16	16	24	1	60
MD-16	EWC	ND	16	16	24	1	60
MD-17	EWC	ND	16	16	24	1	60
MD-18	EWC	ND	16	16	24	1	60
MD-19	EWC	ND	12	12	24	1	60
MD-20	EWC	ND	12	12	24	1	60
MD-21	EWC	ND	8	8	24	1	60
MD-22	EWC	ND	12	12	24	1	60

				DESIGNED BY: AP	DRAWN BY: AP
				CHECKED BY: DK	
				DESIGN LEAD: DEEPAK KANDRA, PE	
				SECTION MANAGER:	
NO.	DATE	REVISIONS/DESCRIPTION		APPR'D.	

ARUP



ACCOUNTABLE MANAGER JUSTIN RIVELLINO
PORTFOLIO MANAGER LAUREN D'ATTILE, PE
DEPUTY DIRECTOR, IN HOUSE DESIGN MICHAEL LOEHR, PE

"WARNING-IT IS A VIOLATION, OF THE NEW YORK STATE EDUCATION LAW, SECTION, 7209.2, FOR ANY PERSON, UNLESS (S)HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION, LAW, SECTION, 7209.2."

NEW YORK CITY
ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN & CONSTRUCTION
96-05 HORACE HARDING EXPRESSWAY 5th FLOOR
CORONA, NEW YORK 11368
www.nyc.gov/dep

BID SET
DATE ISSUED: 04/2023

GRAPHIC SCALES
CHECK BEFORE USE

IF SHEET IS LESS THAN 22" X 34"
IT IS A REDUCED PRINT.
SCALE ACCORDINGLY

VERTICAL DATUM
CONVERSION (ft)
+1.28 ± BWS
0 ± NAVD88

CONTRACT KENS-EAST-2
KENSICO SITE PREPARATION

HVAC
ELECTRICAL BUILDING
EQUIPMENT SCHEDULES 2

DATE: APRIL 2023
SCALE: AS NOTED
SHEET NO:
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DRAWING NO.
KSEB-H-004.00

All inquiries regarding this drawing(s) or project should be made to NYC Environmental Protection, Bureau of Engineering Design and Construction.