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REVISED

SUPPLY FAN SCHEDULE														
EQUIPMENT NO.	QTY.	AREA SERVED	TYPE	WEIGHT (LB)	DRIVE	CFM	RPM	ESP (IN. WG)	BHP	HP	V/PH/HZ	CONTROL	BASIS OF DESIGN	NOTES
F-001 TO F-006	6	WAREHOUSE	SIDE-WALL PROPELLER	260	BELT	10,000	1,290	1	3.5	5	460/3/60	N/A	GREENHECK SBGS-3H36-50	SEE BELOW
<div>NOTES:</div> <div><div>1. INSTALL FAN SYSTEM AS INDICATED ON THE INSTALLATION, OPERATION AND MAINTENANCE MANUAL (IOM) AND CONTRACT DRAWINGS.</div><div>2. PROTECT INSTALLED PRODUCT AND FINISHED SURFACES FROM DAMAGE DURING CONSTRUCTION.</div><div>3. FAN SHAFT SHALL BE GROUND AND POLISHED SOLID STEEL WITH AN ANTI-CORROSIVE COATING.</div><div>4. ALL PROPELLERS SHALL BE STATICALLY AND DYNAMICALLY BALANCED IN ACCORDANCE WITH AMCA STANDARD 204-05.</div><div>5. BEARING SHALL BE CAST IRON PILLOW BLOCK WITH GREASE FITTINGS OR SIMILAR.</div><div>6. BEARINGS SHALL BE SELECTED FOR A MINIMUM L10 LIFE IN EXCESS OF 100,000 HOURS.</div><div>7. BEARINGS SHALL BE AIR HANDLING QUALITY AND 100% FACTORY TESTED BY BEARING MANUFACTURER.</div><div>8. FAN SHAFT FIRST CRITICAL SPEED IS AT LEAST 25% OVER MAXIMUM OPERATING SPEED.</div><div>9. BELTS SHALL BE STATIC FREE AND OIL RESISTANT. BELTS, PULLEYS, AND KEYS OVERSIZED FOR A MINIMUM OF 150% OF DRIVEN HORSEPOWER.</div><div>10. THE MOTOR PULLEY SHALL BE ADJUSTABLE FOR FINAL SYSTEM BALANCING AND READILY ACCESSIBLE FOR MAINTENANCE.</div><div>11. MOTORS SHALL BE TOTALLY ENCLOSED FAN COOLED (TEFC) TYPE AND PERMANENTLY LUBRICATED, HEAVY-DUTY TYPE, MATCHED TO THE FAN LOAD, AND FURNISHED AT THE SPECIFIED VOLTAGE, PHASE AND ENCLOSURE.</div><div>12. MOTOR DRIVE FRAME AND PANEL ASSEMBLIES SHALL BE GALVANIZED STEEL OR PAINTED STEEL.</div><div>13. FAN SHALL BEAR A PERMANENTLY AFFIXED MANUFACTURER'S ENGRAVED METAL NAMEPLATE CONTAINING THE MODEL NUMBER AND INDIVIDUAL SERIAL NUMBER.</div><div>14. AIRFLOW DIRECTION TO BE SUPPLY ORIENTED.</div><div>15. PROVIDE WEATHERHOOD INTEGRAL WITH EACH FAN ASSEMBLY. DETAILS OF WEATHERHOOD ARE GIVEN IN BELOW GRILLE/DIFFUSER/REGISTER SCHEDULE.</div><div>16. PROVIDE THREE (3) FILTER ASSEMBLIES WITH PULL ACCESS FROM ONE SIDE (E.G. LEFT) AND THREE FROM OTHER SIDE (E.G. RIGHT) TO MATCH MIRRORRED CONFIGURATION.</div></div>														

DUCTLESS SPLIT AIR CONDITIONING SCHEDULE					
EQUIPMENT NUMBER	BASIS OF DESIGN	UNIT SIZE (BTU)	FAN	ELECT.	REFRIGERANT
FC-001/CU-001	MITSUBISHI, DAIKIN, OR APPROVED EQUAL	12,000	MULTI-SPEED (MIN. 3 SPEED)	208/230 V, 1 PH, 60 HZ	R410
<div>NOTES:</div> <div><div>1. COOLING-ONLY; INDOOR WALL-MOUNT.</div><div>2. ELECTRICAL COMPONENTS, DEVICES, AND ACCESSORIES LISTED AND LABELED AS DEFINED IN NFPA 70, ARTICLE 100.</div><div>3. WARRANTY SHALL BE A MINIMUM OF 5 YEARS FROM DATE OF FINAL ACCEPTANCE</div><div>4. REMOTE CONTROL TO BE PROVIDED WITH UNIT.</div><div>5. MINIMUM SEER RATING OF UNIT SHALL BE 16.</div></div>					

ROOF VENTILATOR SCHEDULE															
EQUIPMENT NO.	QTY.	AREA SERVED	TYPE	WEIGHT (LB)	DRIVE	CFM	RPM	ESP (IN. WG)	BHP	HP	V/PH/HZ	CONTROL	BASIS OF DESIGN	FLORIDA PRODUCT APPROVAL # / NOA #	NOTES
V-001 TO V-004	4	WAREHOUSE	ROOF-MOUNTED	149	N/A	15,000	N/A	0.1	N/A	N/A	N/A	N/A	GREENHECK FGR 58" x 58"	HIGH WIND RATED. MIAMI-DADE COUNTY NOA-19-0802.02 AND FLORIDA PRODUCT APPROVAL FL12917.	SEE BELOW
<div>NOTES:</div> <div><div>1. PROTECT INSTALLED PRODUCT AND FINISHED SURFACES FROM DAMAGE DURING CONSTRUCTION.</div><div>2. HOOD AND BASE CONSTRUCTION SHALL BE GALVANIZED STEEL, PAINTED STEEL OR ALUMINUM. HOOD PANELS SHALL BE ARCHED WITH INTERLOCKING RIBS.</div><div>3. HOOD SUPPORT ANGLES SHALL BE HEAVY-GAUGE GALVANIZED STEEL.</div><div>4. PROVIDED WITH 58" x 58" GRAVITY EXHAUST DAMPER (GREENHECK WD-100 OR SIMILAR), HORIZONTAL MOUNT WITH AIR FLOW UP, BALANCED/SPRING ASSISTED FOR MINIMAL RESISTANCE TO FLOW, GALVANIZED FRAMES WITH PREPUNCHED MOUNTING HOLES, SHIPPED LOOSE.</div><div>5. VENTILATOR SELECTION SHALL BE BASED ON NON-DUCTED APPLICATIONS.</div><div>6. RUBBERIZED SEAL SHALL BE PROVIDED BETWEEN FAN AND ROOF CURB.</div></div>															

DOOR AIR CURTAIN SCHEDULE					
TAG	QTY.	LOCATION	DESCRIPTION	WEIGHT (LB)	NOTES
DAC-001 TO DAC-002	2	OVERHEAD ROLL-UP DOORS	HIGH VELOCITY OVERHEAD DOOR AIR CURTAIN - NONHEATED - 120", 1792 CFM AT 2300 FPM AVERAGE - (3) 1 HP FAN MOTORS - 10.0 FLA - 208V/60 - PROVIDE WITH MOUNTING BRACKET (SEE NOTE), CONTROLS, INDUSTRIAL DOOR SWITCH AND DISCONNECT. MARS SYSTEMS MODEL HV2120-3U-TS OR EQUAL.	345	BRACKET PART NUMBER B0011 WITH 23" CLEARANCE (SET OF 2) TO AVOID INTERFERENCE WITH COILING OVERHEAD DOOR

CURB SCHEDULE						
BASIS OF DESIGN	QTY.	DESCRIPTION	PITCH (IN.)	WEIGHT (LB)	CURB HEIGHT (IN.)	NOTES
GREENHECK GPFP-64	4	PITCHED ROOF CURB	0.5	158	16	MOUNTED TO GREENHECK FGR 58" x 58"

GRILLE/DIFFUSER/REGISTER SCHEDULE							
EQUIPMENT NO.	QTY.	DESCRIPTION	SIZE	MAX PRESSURE DROP (IN. WG)	COLOR	BASIS OF DESIGN	NOTES
WTHD-001 TO WTHD-006	6	45° WEATHERHOOD	36	0.1" @ 10,000 CFM	GRAY	GREENHECK WTHD-36	EQUIPMENT SHALL BE INSTALLED WITH INSECT SCREEN AND SHALL BE ALUMINUM OR GALVANIZED STEEL.
GRL-001 TO GRL-006	6	INDUSTRIAL SUPPLY GRILLE	46" x 46"	0.08" @ 10,000 CFM	STANDARD	GREENHECK XG-4154	ALUMINUM CONSTRUCTION

A	23AUG23	ISSUED FOR APPROVAL	NRW	BDH	JNC
REV	DATE	REVISION & ISSUE HISTORY	DES	CHK	APP

- NOTES:
1. ALL DUCTWORK UNDER THIS PROJECT SHALL COMPLY WITH THE MOST RECENT FLORIDA BUILDING CODES, NFPA, AND NEC.

2. CONTRACTOR TO DETERMINE FINAL LOCATIONS AND ORIENTATION OF ALL EQUIPMENT IN THE FIELD.

ISSUED FOR APPROVAL



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DOCUMENT TITLE
MECHANICAL
HVAC SCHEDULES AND GENERAL NOTES

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