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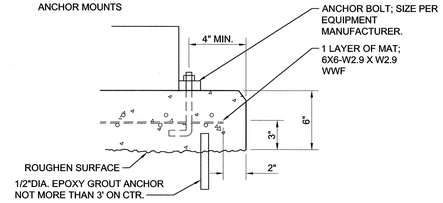
SINGLE PACKAGE DEDICATED OUTSIDE AIR UNIT SCHEDULE

DRAWING CODE	DESIGN BASIS MFR	MODEL	ALTERNATE APPROVED MFR	SYSTEM TYPE	SA/OA FAN				DX COOLING					HG REHEAT		DX HEATING			SCR ELECTRIC HEATING		ELECTRICAL			WEIGHT (LBS)	NOTES	ACCESSORIES
					SA (CFM)	OA (CFM)	ESP (IN H2O)	MOTOR (QTY@HP)	SA EAT °F/°Fwb	SA LAT °F/°Fwb	TOT CAP (MBH)	EFFICIENCY (ARI CONDITIONS)		SA LAT °F	CAP (MBH)	SA LAT °F	TOT CAP (MBH)	EFFICIENCY	SA LAT °F	TOT CAP (KW)	VOLTAGE (V/PH/HZ)	MCA (AMPS)	MOCP (AMPS)			
DOAS1	TRANE	OAGE264E3	DAIKIN, VALENT	HEAT PUMP	2000	2000	1.5	2@5.6KW	93/78	53.5/53.5	179	EER	9.2	70/59	38.6	70	65.2	COP 3	70	30	208/3/60	177.4	200	3,325	1,2,3,4	A-T

NOTES:
1. REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS.
2. VERTICAL SUPPLY AND HORIZONTAL OUTSIDE AIR INTAKE
3. ALL COILS TO BE COATED FOR EXPOSURE TO ASTM B117-90 5000 HOUR SALT SPRAY RESISTANCE TEST WITH NO DEGRADATION.
4. EFFICIENCY RATED IN ACCORDANCE WITH ANSI/AHRI STANDARD 340/360.

ACCESSORIES:
A. INSULATED FLOOR AND DRAIN PAN.
B. OA DAMPER WITH 2-POSITION ACTUATOR RATED FOR CLASS 1A LEAKAGE.
C. SINGLE POINT ELECTRICAL CONNECTION PREFERED. IF CONTRACTOR USES UNIT WITHOUT SINGLE POINT POWER CONNECTION, CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH ELECTRICAL CONTRACTOR AND SHALL BE RESPONSIBLE FOR ANY COST INCREASE.
D. FILTERS: 2" MERV 8 PLEATED MEDIA FILTERS.
E. MODULATING HOT GAS REHEAT.
F. PHASE AND VOLTAGE MONITOR.
G. HORIZONTAL DISCHARGE. PROVIDE HORIZONTAL DISCHAGE CURB AS NEEDED.
H. AIR COOLED CONDENSER WITH VARIABLE SPEED HEAD PRESSURE CONTROL.
I. VARIABLE SPEED PLENUM SUPPLY FAN.
J. MODULATING SCR ELECTRIC HEAT.
K. VARIABLE SPEED CONDENSER FANS.
L. VARIABLE CAPACITY COMPRESSOR SYSTEM.
M. SUPPLY FAN AIRFLOW MONITOR.
N. LOW NOISE CONDENSER FANS AND COMPRESSOR SOUND WRAPS.
O. DISCHARGE AIR TEMPERATURE CONTROLS WITH TOUCHSCREEN DISPLAY PANEL.
P. STAINLESS STEEL DRAIN PAN
Q. UNIT CONSTRUCTION 2" INSULATED PANELS WITH GALVINIZED STEEL INTERIOR.
R. CONDENSER COIL.
S. FACTORY STARTUP AND 1 YEAR PARTS AND LABOR WARRANTY BY THE EQUIPMENT MANUFACTURER.
T. 5 YEAR PARTS WARRANTY COVERING THE ENTIRE UNIT.

NOTE:
1. MESH SHALL BE FURNISHED IN SHEETS.
2. ALL PAD EDGES SHALL BE CHAMFERED.
3. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3,000 PSI AT 28 DAYS
4. ONLY ANCHOR EQUIPMENT WITH MANUFACTURER SUPPLIED ANCHOR MOUNTS



B4 **EQUIPMENT PAD DETAIL**
NOT TO SCALE

Revision No:	DESCRIPTION:	Date:
1	ADDENDUM 1	11.04.19
0	ISSUED FOR CONSTRUCTION	11.01.19

REVISIONS

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 043801 TROY O. GRADY
11/4/19

UNC Wilmington
626 MacMillan Dr. - Dedicated Outdoor Air System
626 McMillan Avenue
Wilmington, North Carolina

HVAC
SCHEDULES AND DETAILS

JOB NO.:	19137
DRAWN:	GAS
DESIGNED:	GAS
CHECKED:	TOG

DRAWING NO:
M-601

REVISION:
1