

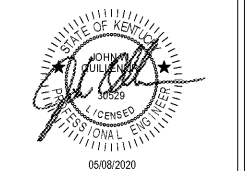


JPL MANAGEMENT

ISSUE INFORMATION

REVISIONS

Neico Architecture, Inc.



PROJECT INFORMATION

BOWLING GREEN, KY
 DISHMAN LANE
 BOWLING GREEN, KY 42101

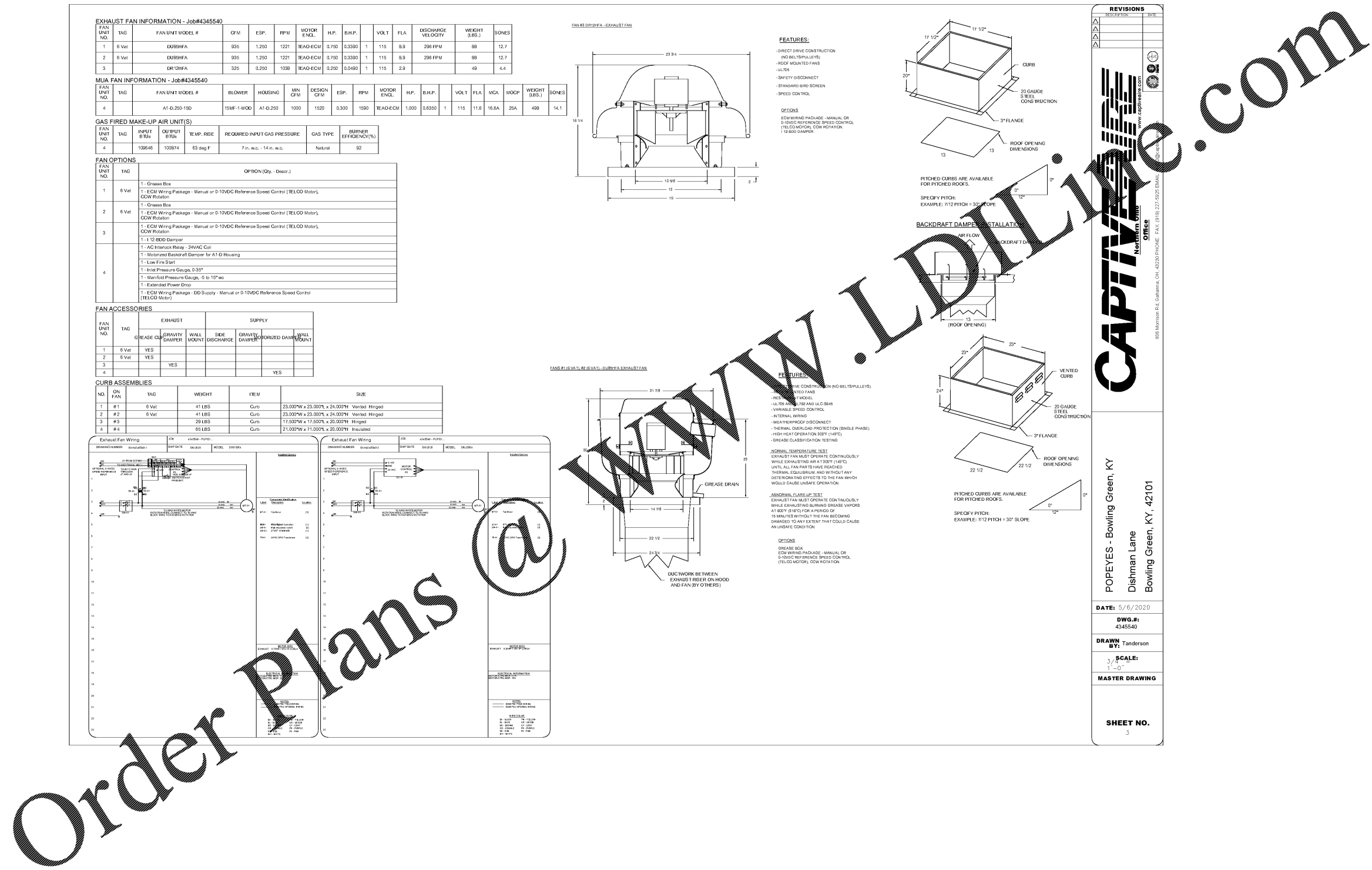
PROJECT #:
 11352

SHEET INFORMATION

CAPTIVE AIRE DETAILS

DRAWN BY:
 ED/ZFB
 REVIEWED BY:
 JJK/JWQ
 SCALE:
 1/2" = 1'-0"
 AUTHORIZED FOR:
 PERMIT

M7



EXHAUST FAN INFORMATION - Job#4345540

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP	RPM	MOTOR ENCL.	H.P.	B.H.P.	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS.)	SONES	
1	6 Valt	DURSHFA	935	1.250	1221	TEAO-ECM	0.750	0.3390	1	115	8.9	296 FPM	89	12.7
2	6 Valt	DURSHFA	935	1.250	1221	TEAO-ECM	0.750	0.3390	1	115	8.9	296 FPM	89	12.7
3		DR12HFA	325	0.250	1039	TEAO-ECM	0.250	0.0480	1	115	2.9		49	4.4

MUA FAN INFORMATION - Job#4345540

FAN UNIT NO.	TAG	FAN UNIT MODEL #	BLOWER	HOUSING	MIN. CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL.	H.P.	B.H.P.	VOLT	FLA	MCA	MOCP	WEIGHT (LBS.)	SONES	
4		A1-D-250-15D	10MF-1-MOD	A1-D-250	1000	1520	0.300	1550	TEAO-ECM	1.000	0.8350	1	115	11.6	16.8A	25A	498	14.1

GAS FIRED MAKE-UP AIR UNIT(S)

FAN UNIT NO.	TAG	INPUT BTUs	OUTPUT BTUs	TEMP. RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE	BURNER EFFICIENCY(%)
4		109648	109874	63 deg F	7 in. w.c. -14 in. w.c.	Natural	82

FAN OPTIONS

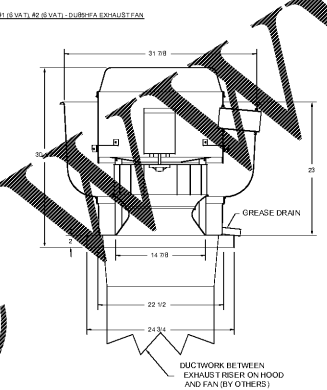
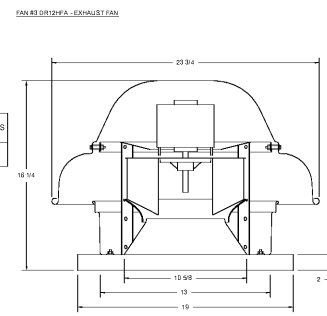
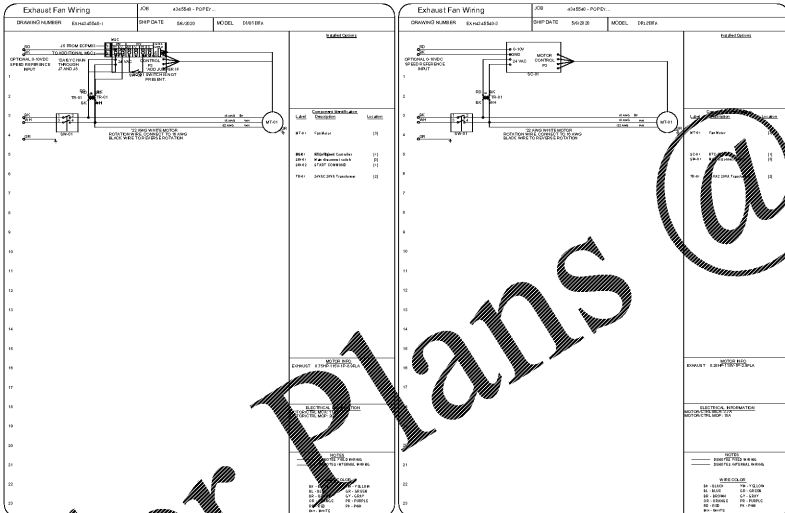
FAN UNIT NO.	TAG	OPTION (Qty. - Descr.)
1	6 Valt	1 - Grease Box 1 - ECM Wiring Package - Manual or 0-10VDC Reference Speed Control (TELOD Motor), COW Rotation
2	6 Valt	1 - Grease Box 1 - ECM Wiring Package - Manual or 0-10VDC Reference Speed Control (TELOD Motor), COW Rotation
3		1 - ECM Wiring Package - Manual or 0-10VDC Reference Speed Control (TELOD Motor), COW Rotation 1 - 12 BDD Damper
4		1 - AC Interlock Relay - 24VAC Coil 1 - Motorized Backdraft Damper for A1-D Housing 1 - Low Fire Shut 1 - Inlet Pressure Gauge, 0-35" 1 - Manifold Pressure Gauge, 5 to 15"wg 1 - Extended Power Drop 1 - ECM Wiring Package - DD Supply - Manual or 0-10VDC Reference Speed Control (TELOD Motor)

FAN ACCESSORIES

FAN UNIT NO.	TAG	EXHAUST				SUPPLY										
		GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT									
1	6 Valt	YES														
2	6 Valt	YES														
3																
4			YES						YES							

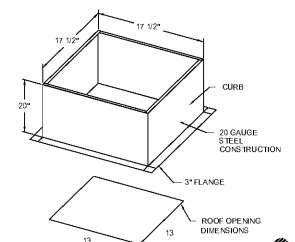
CURB ASSEMBLIES

NO.	ON FAN	TAG	WEIGHT	ITEM	SIZE
1	#1	6 Valt	41 LBS	Curb	23.00"W x 23.00"H x 24.00"H Vented Hinged
2	#2	6 Valt	41 LBS	Curb	23.00"W x 23.00"H x 24.00"H Vented Hinged
3	#3		29 LBS	Curb	17.50"W x 17.50"H x 20.00"H Hinged
4	#4		63 LBS	Curb	21.00"W x 21.00"H x 20.00"H Hinged

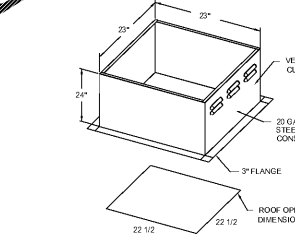
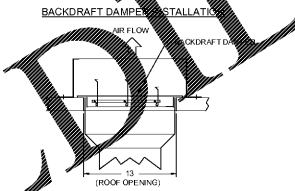


- FEATURES:**
- DIRECT DRIVE CONSTRUCTION (NO BELT/PULLEYS)
 - ROOF MOUNTED FANS
 - ULTS
 - SAFETY DISCONNECT
 - STANDARD WIRE SCREEN
 - SPEED CONTROL

- OPTIONS:**
- ECM WIRING PACKAGE - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL (TELOD MOTOR), COW ROTATION
 - 12 BDD DAMPER



PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.
 SPECIFY PITCH:
 EXAMPLE: 7/12 PITCH = 33% SLOPE



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 SPECIFY PITCH:
 EXAMPLE: 7/12 PITCH = 33% SLOPE

- FEATURES:**
- DIRECT DRIVE CONSTRUCTION (NO BELT/PULLEYS)
 - WIND FANS
 - ULTS
 - ULTS AND I.L.C. BASES
 - VARIABLE SPEED CONTROL
 - INTERNAL WIRING
 - WEATHERPROOF DISCONNECT
 - THERMAL OVERLOAD PROTECTION (SINGLE PHASE)
 - HIGH HEAT OPERATION (300°F/149°C)
 - BREASIS CLASSIFICATION TESTING

- NORMAL TEMPERATURE TEST:**
 EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM AND WITHOUT ANY DETRIMENTAL EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.
- ABNORMAL FLAME-UP TEST:**
 EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 400°F (193°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

- OPTIONS:**
- GREASE BOX
 - ECM WIRING PACKAGE - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL (TELOD MOTOR), COW ROTATION

REVISIONS

NO.	DESCRIPTION	DATE
1		
2		
3		

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ASPPR

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POPEYES - Bowling Green, KY
 Dishman Lane
 Bowling Green, KY 42101

DATE: 5/6/2020
DWG.#: 4345540
DRAWN BY: Tanderson
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO.
 3

Order Plans @