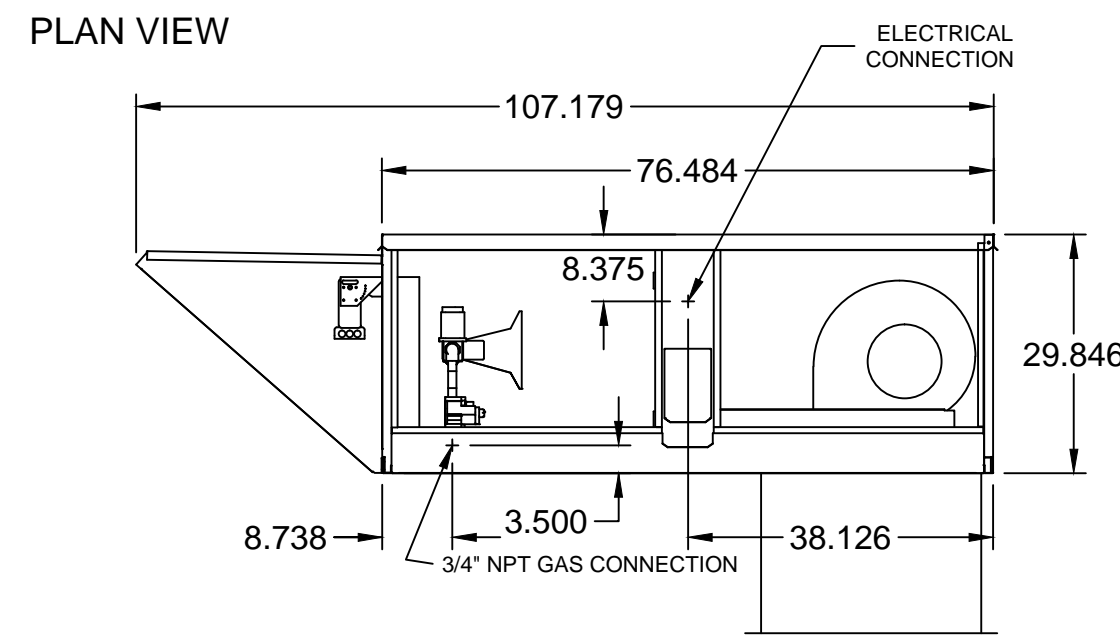
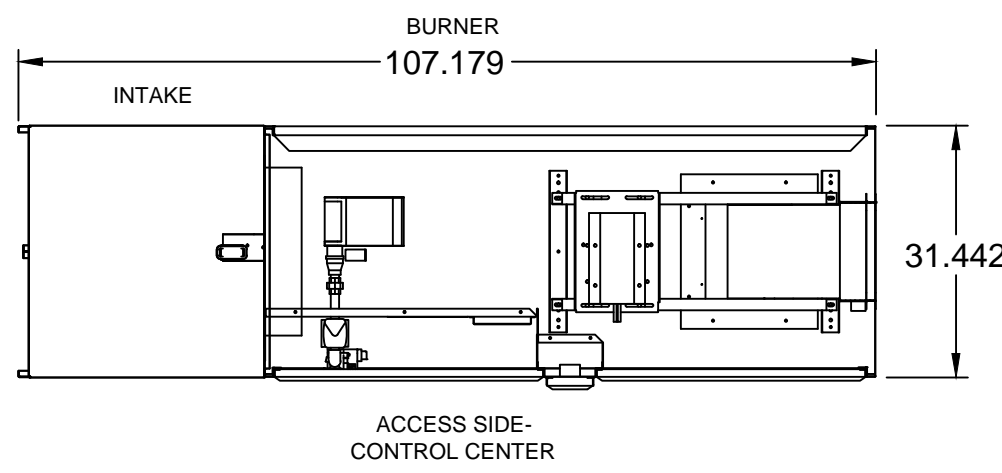


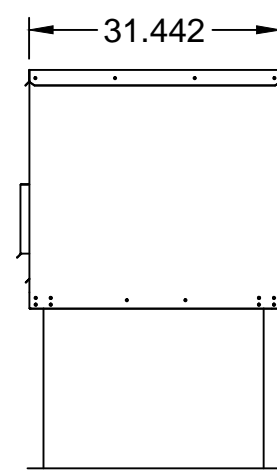
EQUIPMENT SCHEDULE												
Tempered Make-Up Air Unit						Mark: 5. Supply Fan						
Qty	Accurex Model	Volume CFM	External SP Total SP	FRPM	Operating Power	Weight	Motor Information					MCA
		Temperature		Energy		Connection		Building Gas Pressure		Control Access		
Type	Gas Type	Winter DB	Max Δ	Max LAT	Input	Output	Efficiency	Gas	Pressure	Access		
1	XDGK-112-H15-01	3,950	0.41 in. wg	1089 RPM	2.31 hp	543 lb	3 hp	208/60/3	ODP	1725	1	13.7
Direct Gas		Natural	40.0 F	30.0 F	70.0 F	139.1 MBH	128.0 MBH	92%	3/4"	1/2 PSI	11a	
Outlet Sound Power By Octave Band												
62.5	125	250	500	1000	2000	4000	8000	LwA	dBA	Sones		
92.7	86.3	78.7	78.4	77.3	74.2	72.3	65.2	82.4	71.4	20.3		

**OPTIONS AND ACCESSORIES**

Air Flow Arrangement: Outdoor Air Only  
 Weatherhood: Aluminum Mesh, 16x20x2(4)  
 Damper: Inlet  
 Outdoor Air Intake Position: End  
 Discharge Position: Bottom  
 Coating: Galvanized  
 Insulation: Duct Liner - Heat Source On  
 Access Side: Right-Hand  
 Control Center  
 Heat Inlet Air Sensor  
 Direct Gas Options/Accessories  
 Approvals: ETL and IRI  
 Temperature Control: Discharge  
 Flame Sensing: Flame Rod  
 Ignition Control: Direct Spark  
 Unit Rated Gas Pressure: 1/2 PSI  
 Mounting: GPI-27.5/27.5-G20  
 Curb Includes: 1 in. Insul.  
 Unit Warranty: 1 Yr (Standard)



ELEVATION VIEW



END VIEW

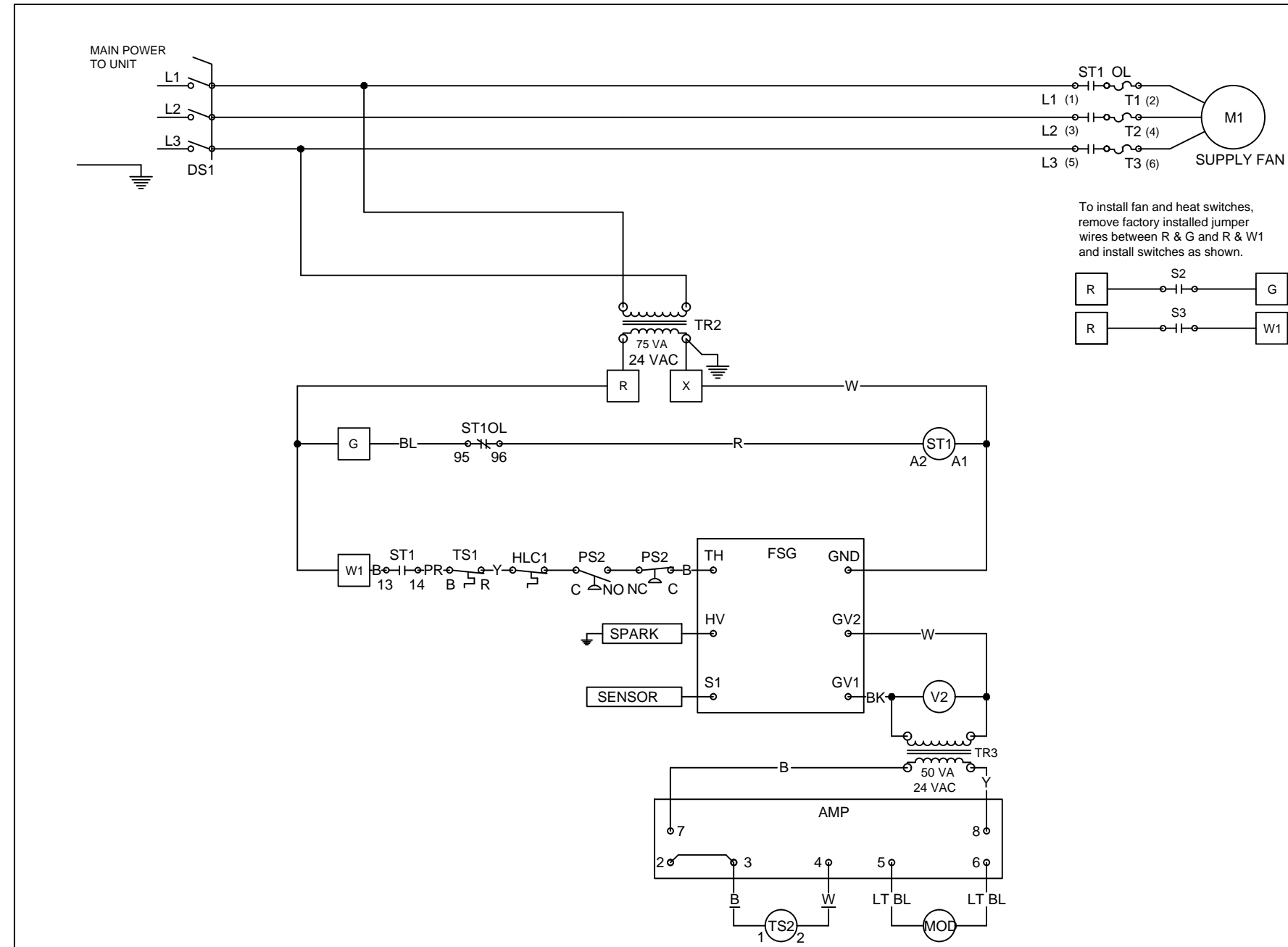
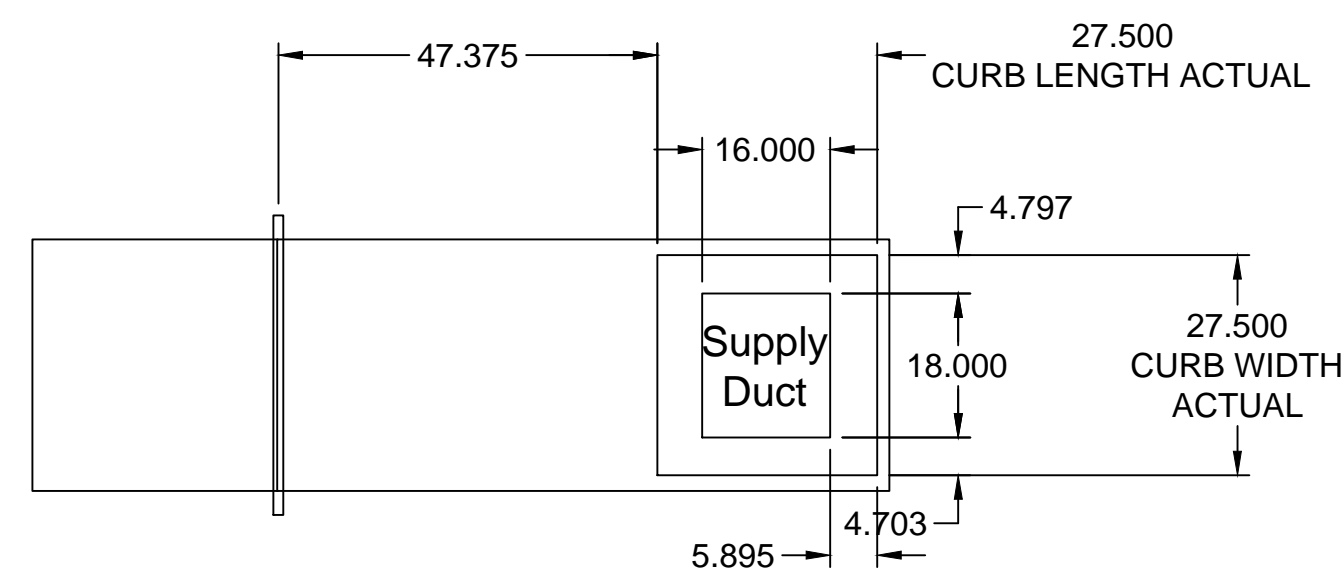
**NOTE: Roof Opening Requirements:**

**Minimum Roof Opening:** The minimum roof opening size is the illustrated duct diameter plus 0.25" on all sides.  
 For example: If the duct size is 14 x 14 inches square, the minimum roof opening size is 14.5 x 14.5 inches square.

**Maximum Roof Opening:** There must be a minimum perimeter of 1.75" between the roof opening and the roof curb.  
 For example: If the roof curb is 75 x 30 inches square, the maximum roof opening is 71.5 x 26.5 inches square.

**NOTE:** The weatherhood and filter sections of the make-up air unit are not supported by the curb. This is by design, in order to help alleviate water infiltration issues.

**FOOTPRINT**



**ACCUREX**  
ENGINEERED RESTAURANT SYSTEMS

Wiring Diagram Code:  
**AD301N07**

**CAUTION**  
UNIT SHALL BE GROUNDED IN ACCORDANCE WITH N.E.C. POWER MUST BE OFF WHILE SERVICING.

**NOTES**  
USE COPPER CONDUCTORS ONLY  
80° C FOR TERMINALS RATED LESS THAN 100 AMPS.  
75° C FOR TERMINALS RATED 100 AMPS OR MORE.  
FIELD CONTROL WIRING RESISTANCE SHOULD NOT EXCEED 0.75 OHM.  
FIELD WIRED - - - - -  
FACTORY SUPPLIED AND WIRED \_\_\_\_\_

**WIRE COLOR CODE**

BK	BLACK	BL	BLUE	BR	BROWN
GY	GRAY	LT BL	LIGHT BLUE	O	ORANGE
PK	PINK	PR	PURPLE	R	RED
W	WHITE	Y	YELLOW		

**LEGEND**

AMP	AMPLIFIER
DS1	MAIN DISCONNECT
FSG	FLAME SAFE GUARD
HLC	HIGH LIMIT CONTROL
M1	SUPPLY FAN MOTOR
MOD	MODULATING VALVE
OL	SUPPLY OVERLOAD
PS2	AIR PROVING SWITCH
S2	SUPPLY FAN SWITCH
S3	HEAT SWITCH
ST1	SUPPLY MOTOR STARTER
TR3	TRANSFORMER
TS1	INLET AIR SENSOR
TS2	DISCHARGE AIR SENSOR
V2	MAIN VALVE

Wiring Template: N07

**ACCUREX**

PROJECT: 4/02/2016  
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 DESIGN & SALES TO ALL TYPES OF FOOD SERVICE OPERATIONS  
 Shop Drawings - Exhaust System

**Gizmo's Fun Park**  
Orland Park, IL

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**JOB NO.** 2015-05

**SHEET NUMBER**  
K6.4

**DRAWN BY:** JWG  
**DATE:** 12-08-2015  
**REVISIONS:**  
 1 Rough-In Plans 12/29/15  
 2 Layout Updated 03/21/16  
 3 Layout Updated 04/06/16  
 4 Rough-In Updated 04/13/16  
 5 Misc. Changes 06/01/16

**SCALE:** NTS

**5. SUPPLY FAN**