

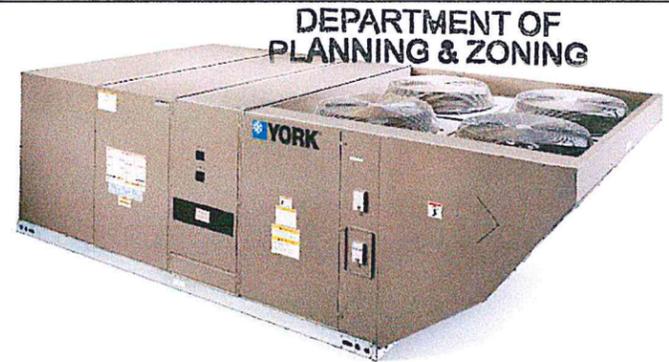
Project Name: FREEPRESS HIE

Unit Model # ZJ300N32H2UZZ3

Quantity: 1

System: ZJ300N32H2UZZ3

Cooling Performance						
Total capacity	324.3 MBH					
Sensible capacity	235.4 MBH					
Refrigerant type	R-410A					
Efficiency (at ARI)	10.50 EER					
Integrated eff. (at ARI)	10.60 IEER					
Ambient DB temp.	88.3 °F					
Entering DB temp.	80.0 °F					
Entering WB temp.	67.0 °F					
Leaving DB temp.	58.2 °F					
Leaving WB temp.	56.7 °F					
Power input (w/o blower)	22.68 kW					
Sound power	92 dB(A)					
Gas Heating Performance						
Entering DB temp.	60 °F					
Heating output capacity (Max)	320 MBH					
Supply air	10000 CFM					
Heating input capacity (Max)	400 MBH					
Leaving DB temp.	89.6 °F					
Air temp. rise	29.6 °F					
SSE	80.0 %					
Stages	2					
Supply Air Blower Performance						
Supply air	10000 CFM					
Ext. static pressure	0.6 IWG					
Unit static resistance	0.15 IWG					
Blower speed	1006 RPM					
Max BHP of Motor (including service factor)	11.50 HP					
Duct location	Bottom					
Motor rating	10.00 HP					
Actual required BHP	9.14 HP					
Power input	7.49 kW					
Elevation	341 ft.					
Drive type	BELT					
Electrical Data						
Power supply	230-3-60					
Unit min circuit ampacity	146.9 Amps					
Unit max over-current protection	150 Amps					
Dimensions & Weight						
Hgt	53 in.	Len	181 in.	Wth	92 in.	
Weight with factory installed options						3198 lbs.
Clearances						
Right	36 in.	Front	36 in.	Back	49 in.	
Top	72 in.	Bottom	0 in.	Left	36 in.	



25 Ton

- York Sunline Units are Manufactured at an ISO 9001 Registered Facility and Each Rooftop is Completely Computer-Run Tested Prior to Shipment.

Unit Features

- Unit Cabinet Constructed of Powder Painted Steel, Certified At 1000 Hours Salt Spray Test (ASTM B-117 Standards).
- Through-the-Curb and Through-The-Base Utility Connections
- Either Supply and/or Return can be Field Converted from Vertical to Horizontal Configuration without Cutting Panels
- Full Perimeter Base Rails with Built in Rigging Capabilities
- Galvanized Steel Drain Pan
- Four Independent Refrigerant Circuits for Efficient Part Load Operation with Scroll Compressors
- Four Stage Cooling
- Solid Core Liquid Line Filter Driers
- 320 MBH Output Aluminized Steel, Two Stage Gas Heat
- 10 HP Standard Static Belt Drive Blower
- 2" Pleated Filters (MERV 7)
- Replacement Filters: For 2" filters 12 - (12" x 24" x 2") OR For 4" filters 2 - (20" X 24" x 4") AND 4 - (24" X 24" x 4")
- Single Point Power Connection
- HACR Circuit Breaker/Disconnect (Sized for 208 Volts)
- Powered Convenience Outlet (110 VAC / 15 Amp)
- Supply Air Smoke Detector
- Dry Bulb Low Leak Economizer w/Barometric Relief and Hoods (Bottom Return Only)
- Short Circuit Current: 5kA RMS Symmetrical
- Crane Required to Unload Unit

Standard Unit Controller: Simplicity Control Board

ambient Control, Anti-Short Cycle Protection, Lead-Lag, Delays, Low Voltage Protection, On-Board Diagnostic Delay. Allows all units to operate in the cooling mode down without additional components or intervention. Monitors the High and Low-Pressure Switches, the Gas Valve, if Applicable, and the Temperature Limit Switch Heat Units. The Unit Control Board will Alarm on Ignition Lockouts and Repeated Limit Switch Trips.

Controller with Discharge Air, Return Air, and Outside Air

1 Year Warranty on the Complete Unit
 5 Year - Compressors and Electric Heater Elements
 10 Year - Aluminized Steel Tubular Heat Exchangers

Hi Mary,
 I Attached the roof plan. We added 2 more roof top units for a total of 9. I Also attached the 2 spec's for the 2 additional units.
 Steve.



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Project Name: FREEPRESS MAGDRY

Unit Model: ZR300N32A2WZZ30001

Quantity: 1

System: ZR300N32A2WZZ30001, VR062A25M2AM41

Cooling Performance	
Total capacity	312.9 MBH
Sensible capacity	228.6 MBH
Refrigerant type	R-410A
Efficiency (at ARI)	10.00 EER
Integrated eff. (at ARI)	10.50 IEER
Ambient DB temp.	95.0 °F
Entering DB temp.	78.5 °F
Entering WB temp.	65.7 °F
Leaving DB temp.	57.5 °F
Leaving WB temp.	55.7 °F
Power input (w/o blower)	23.81 kW
Sound power	92 dB(A)

Reheat Performance	
Total capacity	138.2 MBH
Ambient DB temp.	85 °F
Entering DB temp.	75 °F
Entering WB temp.	67 °F
Leaving DB temp.	75 °F
Leaving WB temp.	63.0 °F
Power input (w/o blower)	21.33 kW
Gallons of water per hour	15.77 gal/hr

Gas Heating Performance	
Entering DB temp.	59.3 °F
Heating output capacity (Max)	320 MBH
Supply air	10100 CFM
Heating input capacity (Max)	400 MBH
Leaving DB temp.	88.6 °F
Air temp. rise	29.3 °F
SSE	80.0 %
Stages	2

Supply Air Blower Performance	
Supply air	10100 CFM
Ext. static pressure	0.6 IWG
Unit static resistance	0.1 IWG
Blower speed	1116 RPM
Max BHP of Motor (including service factor)	11.50 HP
Duct location	Bottom
Motor rating	10.00 HP
Actual required BHP	10.82 HP
Power input	8.87 kW
Elevation	0 ft.
Drive type	BELT

Outside/Mixed Air	
Outside Air Cfm	5927 CFM

Electrical Data	
Power supply	230-3-60
Unit min circuit ampacity	159 Amps
Unit max over-current protection	200 Amps

Dimensions & Weight			
Hgt	53 in.	Len	181 in.
Wth	92 in.	Weight with factory installed options	3010 lbs.

Clearances			
Right	36 in.	Front	36 in.
Back	24 in.	Top	72 in.
Bottom	0 in.	Left	24 in.

Note: Please refer to the tech guide for listed maximum static pressures



25 Ton

- York Sunline Units are Manufactured at an ISO 9001 Registered Facility and Each Rooftop is Completely Computer-Run Tested Prior to Shipment.

Unit Features

- Unit Cabinet Constructed of Powder Painted Steel, Certified At 1000 Hours Salt Spray Test (ASTM B-117 Standards).
- Through-the-Curb and Through-The-Base Utility Connections
- Either Supply and/or Return can be Field Converted from Vertical to Horizontal Configuration without Cutting Panels
- Full Perimeter Base Rails with Built in Rigging Capabilities
- Galvanized Steel Drain Pan
- Dual Refrigerant Circuits for Efficient Part Load Operation with Scroll Compressors
- Two Stage Cooling
- Solid Core Liquid Line Filter Driers
- 320 MBH Output Aluminized Steel, Two Stage Gas Heat
- 10 HP Standard Static Belt Drive Blower
- 2" Pleated Filters (MERV 7)
- Replacement Filters: 4 - (16" x 25" x 2" or 4") AND 4 - (16" x 20" x 2" or 4"). Unit accepts 2" or 4" wide filters.
- Single Point Power Connection
- HACR Circuit Breaker/Disconnect (Sized for 208 Volts)
- Powered Convenience Outlet (110 VAC / 15 Amp)
- Phase Monitor
- Return & Supply Air Smoke Detectors
- Field Installed 0 - 25% Manual Outside Air Damper Shipped Inside Unit
- Short Circuit Current: 5kA RMS Symmetrical
- Crane Required to Unload Unit

Standard Unit Controller: Simplicity Control Board

- An Integrated Low-Ambient Control, Anti-Short Cycle Protection, Lead-Lag, Fan On and Fan off Delays, Low Voltage Protection, On-Board Diagnostic and Fault Code Display. Allows all units to operate in the cooling mode down to 0 °F outdoor ambient without additional components or intervention.
- Safety Monitoring - Monitors the High and Low-Pressure Switches, the Freezestats, the Gas Valve, if Applicable, and the Temperature Limit Switch on Gas and Electric Heat Units. The Unit Control Board will Alarm on Ignition Failures, Safety Lockouts and Repeated Limit Switch Trips.

BAS Controller

- Simplicity SE Controller with Gateway to BACnet MS/TP (Programmable to Modbus or N2) Protocol with Discharge Air Sensor, Return Air, and Outside Air Sensor

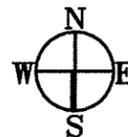
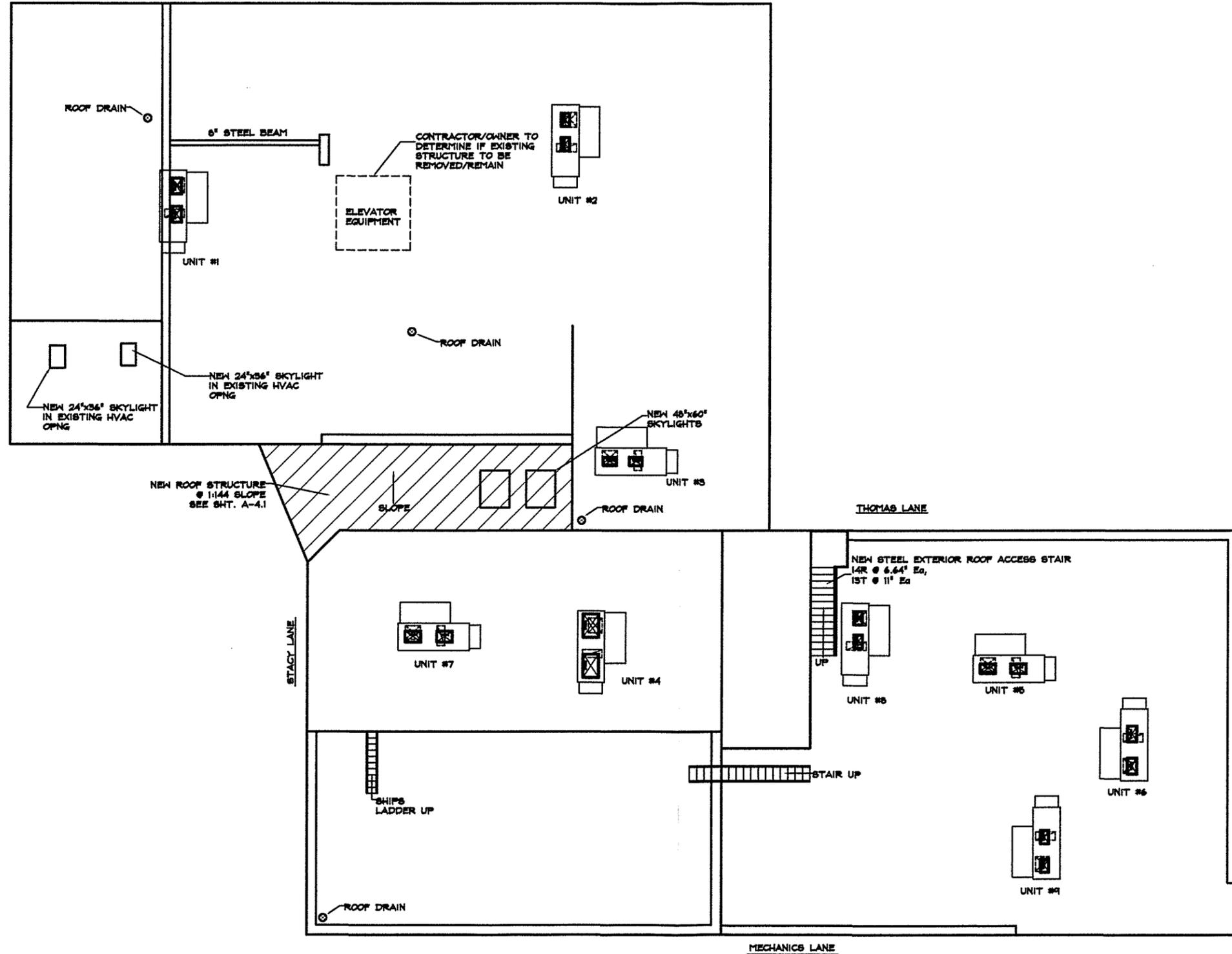
Warranty

- One (1) Year Limited Warranty on the Complete Unit
- Five (5) Year Warranty - Compressors and Electric Heater Elements
- Ten (10) Year Warranty - Aluminized Steel Tubular Heat Exchangers

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DEPARTMENT OF
PLANNING & ZONING



Roof Plan

SCALE: 1/16" = 1'-0"

G4
Design
Studios
77 College Street, Ste. 2A Burlington, VT 05401
(802) 697-0685 (802) 697-3110 G4designstudios.com

NO.	DATE	REVISION

SISTERS & BROTHERS LLC
BURLINGTON FREE PRESS
191 COLLEGE STREET
BURLINGTON, VERMONT

SCALE: 1/16" = 1'-0"
DATE: 4/14/2015
DRAWN BY: WGI
CHECKED BY: SG
PROJECT: HRI COLLEGE
SHEET TITLE:

ROOF PLAN

DRAWING NO.
A-1