

ROOFTOP AIR CONDITIONING SCHEDULE																						
UNIT	MFR	MODEL	TONS	EFFICIENCY	FAN DATA					COOLING DATA				HEATING DATA		ELECTRICAL DATA			OPERATING WEIGHT (LBS)	NOTES	CONDITION	
					AIRFLOW (CFM)	OUTSIDE AIR (CFM)	ESP (IN WG)	FAN SPEED (RPM)	POWER (HP)	EAT		LAT		TOTAL CAPACITY (MBH)	INPUT CAPACITY (MBH)	OUTPUT CAPACITY (MBH)	VOLTAGE/PHASE	UNIT MCA				UNIT MOCP
										DB (°F)	WB (°F)	DB (°F)	WB (°F)									
RTU-1	TRANE	YSC120	10	11.2 EER	4,000	850	0.8	1370	2.75	80	67	55	54	120	140/200	112/160	480/3PH	22	25	1,400	ALL	NEW
RTU-2	TRANE	YSC120	10	11.2 EER	4,000	850	0.8	1370	2.75	80	67	55	54	120	140/200	112/160	480/3PH	22	25	1,400	ALL	NEW
RTU-3	TRANE	YSC120	10	11.2 EER	4,000	850	0.8	1370	2.75	80	67	55	54	120	140/200	112/160	480/3PH	22	25	1,400	ALL	NEW
RTU-4	TRANE	YSC120	10	11.2 EER	4,000	850	0.8	1370	2.75	80	67	55	54	120	140/200	112/160	480/3PH	22	25	1,400	ALL	NEW
RTU-5	TRANE	YSC048	4	14.0 SEER	1,600	120	0.8	1040	1	80	67	55	54	48	100	81	480/3PH	11	15	800	ALL	NEW
RTU-6	TRANE	YSD150	12.5	11.0 EER	5,000	800	0.8	847	3	80	67	55	54	150	175/250	140/200	480/3PH	29	40	2,000	ALL	NEW

- NOTES
- THRU BASE POWER.
  - FULLY INSULATED DOWNFLOW ROOF CURB. FIELD VERIFY EXACT DIMENSIONS.
  - RETURN AIR SMOKE DETECTOR FACTORY INSTALLED, WIRED BY ELECTRICAL CONTRACTOR. REMOTE TEST KEYED SWITCH WITH AUDIBLE AND VISUAL INDICATORS FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR WITH INTERFACE TO FIRE ALARM SYSTEM AS REQUIRED.
  - 2" PLEATED MERV 11 STD FILTER.
  - PROVIDE INTEGRAL CTI (CONVENTIONAL THERMOSTAT INTERFACE CARD). REFER TO ELECTRICAL SHEETS FOR EMS CONTROL DIAGRAMS AND DETAILS.
  - SINGLE ENTHALPY ECONOMIZER.
  - BAROMETRIC RELIEF DAMPER.
  - UNIT DISCONNECT FACTORY INSTALLED.
  - FACTORY INSTALLED GFCI.
  - FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR.
  - HAIL GUARD.
  - PROVIDE INTEGRAL PHASE MONITORS AT EACH ROOFTOP UNIT.
  - TRANE, YORK, AND LENNOX CONSIDERED EQUAL BY OWNER.
  - PROVIDE ROOFTOP HOLD DOWN CLIPS PER MANUFACTURERS INSTALLATION INSTRUCTIONS.

FAN SCHEDULE												
UNIT	LOCATION	MANUFACTURER	MODEL NO	SERVES	FAN DATA			MOTOR DATA		ELECTRICAL DATA		NOTES
					AIRFLOW (CFM)	EXTERNAL SP (IN WC)	SPEED (RPM)	DRIVE TYPE	HP	VOLTAGE	PHASE	
EF-1	TOILETS	GREENHECK	SQ-85-VG	EXHAUST	300	0.35	1,450	DIRECT	1/6	120	1	1,2
EF-2	PREP	GREENHECK	GB-183-VG	EXHAUST	4,000	0.35	1,140	DIRECT	1	120	1	1,3

NOTES

- PROVIDE UNIT WITH GRAVITY BACKDRAFT DAMPER.
- FAN TO OPERATE CONTINUOUSLY.
- FAN CONTROLLED BY TIE-IN TO HI-BAY LIGHTS IN PRODUCT PREP ROOM, REFER TO ELECTRICAL SHEETS FOR ADDITIONAL DETAIL.

DIFFUSER, REGISTER & GRILLE SCHEDULE										
UNIT	LOCATION	MANUFACTURER	MODEL	SERVICE	TYPE	SIZE	FRAME TYPE	DAMPER	FINISH	NOTES
A	CEILING	TITUS	TMS	SUPPLY	DIFFUSER	24"x24"	LAY-IN	NONE	WHITE	
B	CEILING	TITUS	50F	RETURN	EGGCRATE	-	CHANNEL FRAME	NONE	WHITE	
C	SIDE WALL	TITUS	350RL	RETURN	GRILLE	-	SURFACE	YES	WHITE	
D	SIDE WALL	TITUS	272	SUPPLY	REGISTER	-	DUP	NONE	WHITE	2
E	4-WAY DRUM	RUSKIN	DLD-2010	SUPPLY	CONCENTRIC	30x30 - 20x10 GRILLES	-	NONE	WHITE	3,4

NOTES

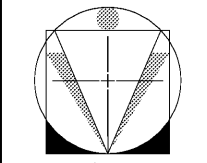
- NECK SIZE INDICATED ON PLANS.
- GRILLE OR REGISTER SIZE INDICATED ON PLANS. PROVIDE ADDITIONAL FRAME AS REQUIRED.
- DROP DIFFUSER WITH SIDE DISCHARGE DRUM SUPPLY REGISTERS AND INTERNAL INSULATION.
- INSTALL AS HIGH AS POSSIBLE IN JOIST SPACE.

NORTHERN TOOL + EQUIPMENT						
CONYERS, GA VENTILATION SCHEDULE						
TAG	ROOM NAME	NO. OCCUPS	ROOM AREA	AREA RATE (CFM/SQ FT)	DISCHARGE (CFM)	2012 ACC (CFM)
RTU-1 to 4	SALES AREA	216	14387	0.17	3348	
RTU-5	CORRIDOR/ RR	-	250	0.06	15	
RTU-5	BREAK ROOM	-	236	0.18	42	
RTU-5	OPERATION OFFICE	3	518	0.06	46	
RTU-6	WAREHOUSE	-	4684	0.06	276	
RTU-6	PARTS ROOM	-	240	0.06	14	
RTU-6	PRODUCT PREP	4	874	0.06	72	

UNIT HEATER - ELECTRICAL SCHEDULE										
UNIT	LOCATION	MANUFACTURER	MODEL	INPUT (KW)	VOLTAGE/PHASE	AMPS	LENGTH (FT)	CONTROL	MOUNTING	NOTES
EH-1	VESTIBULE	MARKEL	3480	4	208/1	19.2	-	WALL MOUNTED	CEILING	1

NOTES

- LAY-IN CEILING MOUNT.
- WALL-MOUNTED 7-DAY PROGRAMMABLE THERMOSTAT, 24 VOLT CONTROL TRANSFORMER.



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No.	Description	Date
▲	ISSUED FOR BID AND PERMIT	03/29/19
▲	ISSUED FOR BID	05/30/19
▲	RE-ISSUED FOR BID AND PERMIT	10/16/20

**Salem Gate Market**

NORTHERN TOOL + EQUIPMENT



**ANCHOR 2B**  
1454 OLD SALEM ROAD  
CONYERS, GEORGIA

HVAC SCHEDULES

Date	Drawn by	Sheet No.
03/29/19	SL	M-300
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