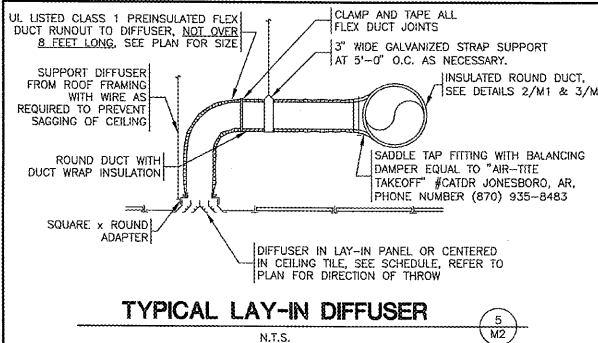


GRILLE AND DIFFUSER SCHEDULE										
MARK	DESCRIPTION	MFR.	CATALOG NUMBER	SIZE (in.)	FINISH	MOUNTING	BRANCH DUCT SIZE	ACCESSORIES	REMARKS	REF. DETAIL
(G1)	SUPPLY GRILLE	ANEMOSTAT	S2HD	14x14	WHITE	DUCT	SEE PLAN	OB		
(S1)	SUPPLY DIFFUSER	ANEMOSTAT	E-1-D	12x12	WHITE	SURFACE	SEE PLAN	DT		4/M2
(S2)	SUPPLY DIFFUSER	ANEMOSTAT	EPL	24x24	WHITE	DUCT/LAY-IN	SEE PLAN			5/M2
(R1)	RETURN GRILLE	ANEMOSTAT	GCS	24x24	WHITE	LAY-IN/EXPOSED	SEE PLAN			5/M2
(R2)	RETURN GRILLE	ANEMOSTAT	GCS	12x12	WHITE	SURFACE	SEE PLAN			4/M2
(K1)	EXHAUST GRILLE	ANEMOSTAT	S3HS	12x12	WHITE	CEILING	SEE PLAN	OB		

ACCESSORIES		REMARKS	
OB - OPPOSED BLADE DAMPER		1-WAY	
DT - DIRECTIONAL TABS		4-WAY	
		DIRECTIONAL TABS, ADJUST TO PROVIDE THROW AS INDICATED ON PLANS.	

APPROVED ALTERNATE MANUFACTURER'S			
GRILLES, DIFFUSERS & DAMPERS:	*ARROW	*CARNES	
*TUTTLE & BAILEY	*NAILOR		
*PRICE INDUSTRIES	*TITUS	*KRUEGER	



FAN SCHEDULE												
MARK	DESCRIPTION	MFR.	CATALOG NUMBER	CFM (NOM)	STATIC PRESS.	MOTOR H.P.	ELECTRICAL			ACCESSORIES	REMARKS	REF. DETAIL
							V/PH	MCA	MOCF			
EE-1	INLINE EXHAUST FAN	COOK	GN-642	500	0.1	195W	120/1	-	-	BD,DS,WC		
EE-2	INLINE FAN	COOK	GN-642	500	0.1	195W	120/1	-	-	BD,DS,SS		

ACCESSORIES		REMARKS	
BD - GRAVITY BACK DRAFT DAMPER		ADJUST FOR CFM REQUIRED.	
DS - DISCONNECT SWITCH		EXHAUST FAN SHALL BE WIRED BY THE ELECTRICAL CONTRACTOR TO OPERATE WITH EITHER RESTROOM'S LIGHT SWITCH.	
WC - WALL CAP, "COOK" #WCA-6, ALUMINUM			
SS - FAN SPEED SWITCH "COOK" #FSC (OFFICE ONLY)		FAN IN OFFICE TO BE CONTROLLED BY FAN SPEED SWITCH.	

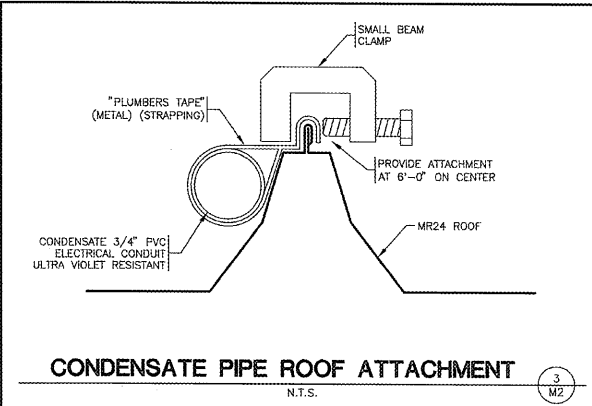
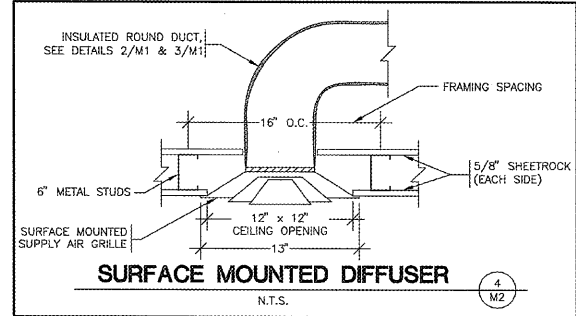
APPROVED ALTERNATE MANUFACTURER'S	
FANS:	*GREENHECK *CARNES



CONDENSATE OVERFLOW SWITCH, TYPICAL ALL RTU (COF)

THIS SENSOR AND RELATED CONTROLLER MONITORS THE CONDENSATE LEVEL IN THE DRAIN PAN AND SHUTS DOWN COMPRESSION OPERATION WHEN OVERFLOW CONDITIONS OCCUR. IT INCLUDES:

- INDICATOR LIGHT - SOLID RED (MORE THAN 10 SECONDS ON WATER CONTACT - COMPRESSORS DISABLED), BLINKING RED (SENSOR DISCONNECTED)
- 10-SECOND DELAY TO BREAK - ELIMINATED NUISANCE TRIPS FROM SPLASHING OR WAVES IN PAN (SENSOR NEEDS 10 SECONDS OF CONSTANT WATER CONTACT BEFORE TRIPPING)
- DISABLES THE COMPRESSOR(S) OPERATION WHEN CONDENSATE PLUG IS DETECTED, BUT STILL ALLOWS FANS TO RUN FOR ECONOMIZER.



NATIONAL ACCOUNT ROOFTOP UNIT SCHEDULE - 7.5 TON - HEAT PUMP (3-PHASE)

RTU - RESPONSIBILITIES

- ALL CARRIER HVAC UNITS ARE OWNER SUPPLIED BY O'REILLY AUTOMOTIVE.
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL CARRIER HVAC UNITS.
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR THE FIRST YEAR LABOR WARRANTY ON ALL OWNER SUPPLIED EQUIPMENT.
- MECHANICAL CONTRACTORS WORKING ON O'REILLY PROJECTS MUST CALL CARRIER CORPORATION'S NATIONAL ACCOUNTS' DEPARTMENT FOR CONFIRMATION OF ORDERS ONLY.
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR SCHEDULING, SHIPPING & RECEIVING OF ALL CARRIER UNITS FROM CARRIER NATIONAL ACCOUNTS. CONTACT CUSTOMER SERVICE REP. LISTED TO THE RIGHT.

CALL THE CARRIER CUSTOMER SERVICE REP. BELOW FOR CONFIRMATION OF ORDERS. DO NOT CALL CARRIER FOR QUOTES!

		CUSTOMER SERVICE REPS:		ACCOUNT MANAGER:	
		MARIA CAMPANELLO 315-432-3946	PAUL WITZ		
		Maria.campanello@carrier.utc.com	CELL 315-317-2481		
		StrategicAccounts2@carrier.utc.com	paul.witz@carrier.utc.com		

MARK	DESCRIPTION	MFR.	CATALOG NUMBER	HTG. MBH		CLG. MBH	SEER	EER	HSPF	SUPPLY FAN			ELECTRICAL		WT. (lbs.)	ACCESSORIES	REMARKS	REF. DET.
				IN	OUT					CFM	O.A.	ESP	HP	MCA				
RTU-2	WEATHERMASTER PACKAGED ROOFTOP UNIT 7.5-TON	CARRIER	50HCQD08K2M5-0F100	24.0	20.0	46/34.5	15.00	12.50	8.20	2000	0.6	1.0	208V/3P	85	90+	750	SEE BELOW	1/M2 2/M2

ACCESSORIES - FACTORY SUPPLIED AND INSTALLED

SD - RETURN AIR SMOKE DETECTOR.
 COF - CONDENSATE OVERFLOW SWITCH (CAN'T BE USED WITH HORIZONTAL RETURN UNITS).
 MB - MEDIUM STATIC BLOWER (SINGLE SPEED).
 HG - LOWERED HAIL GUARDS.
 UPO - UN-POWERED CONVENIENCE OUTLET (FIELD POWERED), 15AMP, 120V, GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE.
 TBE - THRU-THE-BOTTOM-ELECTRIC SERVICE (SEE ROOF TOP UNIT DETAILS).
 HI & LOW REFRIGERANT SAFETY SWITCHES (STANDARD ON EVERY UNIT)
 2" RETURN AIR FILTERS (STANDARD ON EVERY UNIT)
 EC - ENTHALPY ECONOMIZER IV, W/BAROMETRIC RELIEF.

ACCESSORIES - O'REILLY SUPPLIED & FIELD INSTALLED

DS - GRIDPOINT THERMOSTAT. (NO SUBSTITUTIONS). REFER TO EM SHEETS.
 DS - NON-FUSED DISCONNECT SWITCH (GRAYBAR/O'REILLY) SUPPLIED W/ ELECTRICAL BILL OF MATERIALS.

REMARKS

COOLING CAPACITY BASED ON 80°F EDB AND 67°F EWB.
 HEAT PUMP HEATING CAPACITY BASED ON 47° O.D. & 70° RETURN AIR.
 CAPACITY BASED ON 95°F AMBIENT TEMPERATURE.

NOTE: HVAC COMPLETION, AT CONSTRUCTION COMPLETION:

- CONTRACTOR SHALL REPLACE ALL RETURN AIR FILTERS INSIDE ALL HVAC UNITS W/CLEAN NEW AIR FILTERS.
- CONTRACTOR SHALL SUPPLY AN ADDITIONAL CLEAN SET OF FILTERS TO THE OWNER AT JOB COMPLETION.
- CONTRACTOR SHALL SHOW THE STORE MANAGER THE LOCATION OF & INSTRUCT HIM/HER HOW TO CHANGE ALL AIR FILTERS.

FACTORY EQUIPPED WITH STANDARD LOW AMBIENT COOLING TO 30°F ODB.
 OUTSIDE AIR, SEE PLAN FOR UNIT(S) REQUIRING OUTSIDE AIR.
 REFRIGERANT = R410A (PURON).
 MAXIMUM CIRCUIT BREAKER OR TIME-DELAY FUSE.

NATIONAL ACCOUNT ROOFTOP UNIT SCHEDULE - 5 TON - HEAT PUMP (3-PHASE)

RTU - RESPONSIBILITIES

- ALL CARRIER HVAC UNITS ARE OWNER SUPPLIED BY O'REILLY AUTOMOTIVE.
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL CARRIER HVAC UNITS.
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR THE FIRST YEAR LABOR WARRANTY ON ALL OWNER SUPPLIED EQUIPMENT.
- MECHANICAL CONTRACTORS WORKING ON O'REILLY PROJECTS MUST CALL CARRIER CORPORATION'S NATIONAL ACCOUNTS' DEPARTMENT FOR CONFIRMATION OF ORDERS ONLY.
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR SCHEDULING, SHIPPING & RECEIVING OF ALL CARRIER UNITS FROM CARRIER NATIONAL ACCOUNTS. CONTACT CUSTOMER SERVICE REP. LISTED TO THE RIGHT.

CALL THE CARRIER CUSTOMER SERVICE REP. BELOW FOR CONFIRMATION OF ORDERS. DO NOT CALL CARRIER FOR QUOTES!

		CUSTOMER SERVICE REPS:		ACCOUNT MANAGER:	
		MARIA CAMPANELLO 315-432-3946	PAUL WITZ		
		Maria.campanello@carrier.utc.com	CELL 315-317-2481		
		StrategicAccounts2@carrier.utc.com	paul.witz@carrier.utc.com		

MARK	DESCRIPTION	MFR.	CATALOG NUMBER	HTG. MBH		CLG. MBH	SEER	EER	HSPF	SUPPLY FAN			ELECTRICAL		WT. (lbs.)	ACCESSORIES	REMARKS	REF. DET.
				IN	OUT					CFM	O.A.	ESP	HP	MCA				
RTU-1	WEATHERMASTER PACKAGED ROOFTOP UNIT 5-TON	CARRIER	50HCQAD6K2M5-0F100	15.8	57.4	61.5	15.00	12.50	8.20	2000	0.6	1.0	208V/3P	85	90+	750	SEE BELOW	1/M2 2/M2

ACCESSORIES - FACTORY SUPPLIED AND INSTALLED

SD - RETURN AIR SMOKE DETECTOR.
 COF - CONDENSATE OVERFLOW SWITCH (CAN'T BE USED WITH HORIZONTAL RETURN UNITS).
 MB - MEDIUM STATIC BLOWER (SINGLE SPEED).
 HG - LOWERED HAIL GUARDS.
 UPO - UN-POWERED CONVENIENCE OUTLET (FIELD POWERED), 15AMP, 120V, GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE.
 TBE - THRU-THE-BOTTOM-ELECTRIC SERVICE (SEE ROOF TOP UNIT DETAILS).
 HI & LOW REFRIGERANT SAFETY SWITCHES (STANDARD ON EVERY UNIT)
 2" RETURN AIR FILTERS (STANDARD ON EVERY UNIT)
 EC - ENTHALPY ECONOMIZER IV, W/BAROMETRIC RELIEF.

ACCESSORIES - O'REILLY SUPPLIED & FIELD INSTALLED

TS1 - GRIDPOINT THERMOSTAT. (NO SUBSTITUTIONS). REFER TO EM SHEETS.
 DS - NON-FUSED DISCONNECT SWITCH (GRAYBAR/O'REILLY) SUPPLIED W/ ELECTRICAL BILL OF MATERIALS.

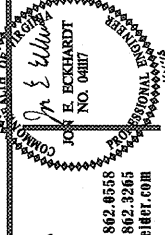
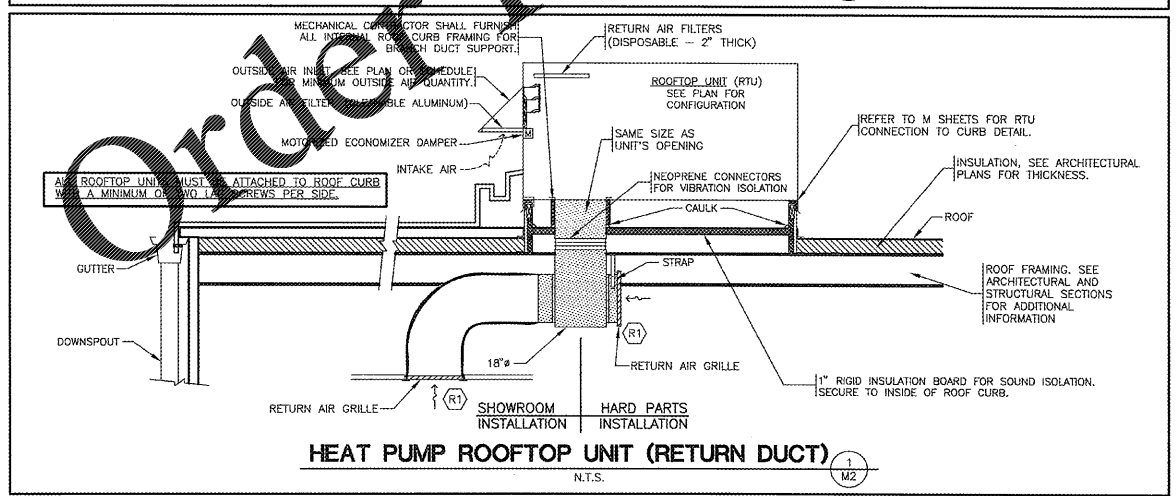
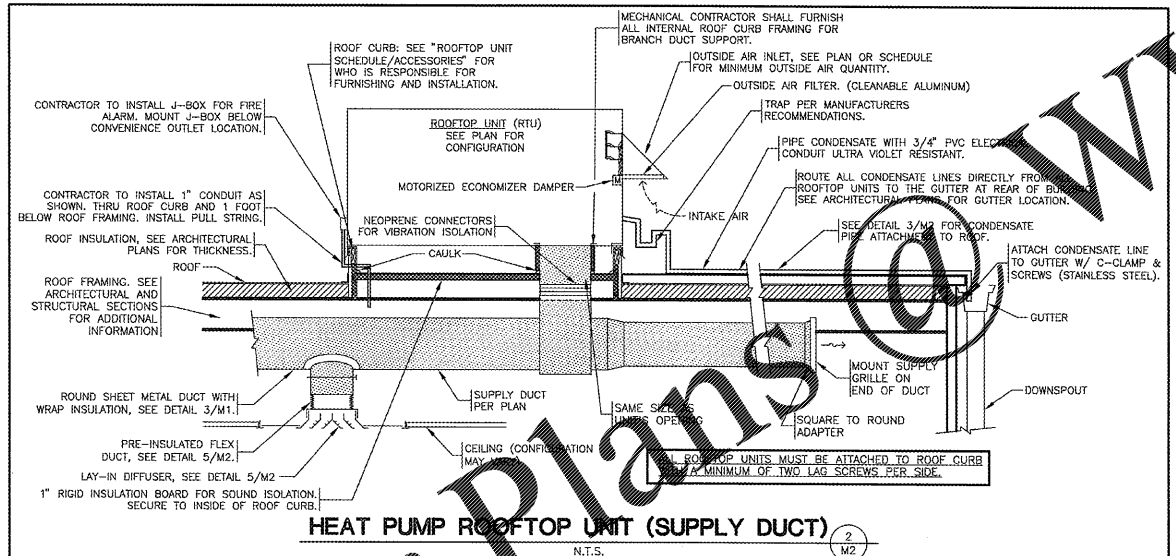
REMARKS

COOLING CAPACITY BASED ON 80°F EDB AND 67°F EWB.
 HEAT PUMP HEATING CAPACITY BASED ON 47° O.D. & 70° RETURN AIR.
 CAPACITY BASED ON 95°F AMBIENT TEMPERATURE.

NOTE: HVAC COMPLETION, AT CONSTRUCTION COMPLETION:

- CONTRACTOR SHALL REPLACE ALL RETURN AIR FILTERS INSIDE ALL HVAC UNITS W/CLEAN NEW AIR FILTERS.
- CONTRACTOR SHALL SUPPLY AN ADDITIONAL CLEAN SET OF FILTERS TO THE OWNER AT JOB COMPLETION.
- CONTRACTOR SHALL SHOW THE STORE MANAGER THE LOCATION OF & INSTRUCT HIM/HER HOW TO CHANGE ALL AIR FILTERS.

FACTORY EQUIPPED WITH STANDARD LOW AMBIENT COOLING TO 30°F ODB.
 OUTSIDE AIR, SEE PLAN FOR UNIT(S) REQUIRING OUTSIDE AIR.
 REFRIGERANT = R410A (PURON).
 MAXIMUM CIRCUIT BREAKER OR TIME-DELAY FUSE.



CRAIG A. SCHNEIDER, AIA
ARCHITECT
 1730 East Sunshine, Suite 417
 Springfield, Missouri 65804
 Phone: 417.862.9558
 Fax: 417.862.9265
 Email: architect@esteytschneider.com

PROJECT:
NEW O'REILLY AUTO PARTS STORE
OLD FRANKLIN TURNPIKE
ROCKY MOUNT, VA
HVAC DETAILS



COMM # 4252
 DATE: 11-2-18
 REVISION
 DATE: