

GENERAL:

- 1. LOCATE, CUT AND FRAME ROOF OPENINGS AS SHOWN FOR ALL HVAC EQUIPMENT AND EXHAUST FANS.
2. IT IS VERY IMPORTANT THAT ACCURATE MEASUREMENTS ARE USED WHEN LOCATING EXHAUST FAN ROOF OPENINGS TO ENSURE THAT NO ADDITIONAL OFF-SETS ARE REQUIRED IN THE EXHAUST DUCTWORK. COORDINATE ROOF OPENINGS WITH THE KITCHEN EQUIPMENT.
3. PROVIDE ANY FRAMING REQUIRED FOR DIFFUSER INSTALLATION IN HARD CEILING.

HVAC:

- 1. INSTALLATION SHALL CONFORM TO THE ENERGY CONSERVATION DESIGN MANUAL STANDARDS FOR NEW NONRESIDENTIAL BUILDINGS.
2. ALL WORK AND MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS AND REGULATIONS.
3. OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.

Table with 2 columns: SYMBOL & ABBREV. and DESCRIPTION. Includes symbols for supply air, return air, exhaust air, diffusers, registers, grilles, ducts, and various sensors.

GENERAL NOTES 8

MECHANICAL SYMBOLS 6

Order Plans
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REFRIGERANT COMPLIANCE (MECHANICAL CODE SECTION 1103.1)

Table with columns: ROOM, ROOM VOLUME, EQUIP. NO., EQUIPMENT, REFRIG., CODE TABLE 1103.1, LBS OF REFRIG IN EQUIP., REMARKS.

- SCHEDULE NOTES:
1. FOOD SERVICE EQUIPMENT SPECIFIED BY OTHERS. REFRIGERANT AND VOLUME BASED ON INFORMATION PROVIDED BY FOOD SERVICE VENDOR.
2. MECHANICAL CODE DEMS THAT LISTED, FACTORY BUILT, SELF CONTAINED EQUIPMENT AND APPLIANCES MEET THE REQUIREMENTS OF THE CODE (SECTION 1101.2).

REFRIGERANT COMPLIANCE N.T.S. 7

HVAC UNIT SCHEDULE 1. Table with columns: MARK, AREA SERVED, SUPPLY CFM, MIN O.A. CFM, ESP, HP, RPM, NOM TONS, MIN CAP, IEER, INPUT STAGE, OUTPUT STAGE, PHASE, AFUE, VOLTS/PH, MCA, MOPD, MAX UNIT WEIGHT, MANUFACTURER AND MODEL NUMBER, REMARKS.

SCHEDULE NOTES:
1. LISTED CAPACITY IS THE STANDARD UNIT'S GROSS COOLING CAPACITY AT 80 DEG. F. DB / 67 DEG. F. WB EAT AND 105 DEG. F. AMBIENT.
2. SPECIFIED RTUS ARE DOWN DISCHARGE PACKAGED GAS / ELECTRIC ROOFTOP UNITS WITH MINIMUM 2-STAGE COOLING.

HVAC UNIT SCHEDULE 1

SUPPLY AND EXHAUST FAN SCHEDULE 2. Table with columns: MARK, CFM, SP, RPM, HP, ELECT, STARTER, DISC, BDD, BRD, SCREEN, V-BR, MOTOR, MANUFACTURER AND MODEL NUMBER, REMARKS.

SUPPLY AND EXHAUST FAN SCHEDULE 2

AIR DEVICE SCHEDULE 3. Table with columns: MARK, QUANTITY, CHECK SIZE, DIFFUSER FACE OR CEILING GRID SIZE, TYPE, REGISTER, GRILL, NO. & AIR PATTERN, MOUNTING, DUTY, MATERIAL, MANUFACTURER, MODEL NUMBER, REMARKS.

AIR DEVICE SCHEDULE 3

NOTES:
1. DIFFUSERS IN SURFACE MOUNTED CEILING SHALL BE PROVIDED WITH OPPOSED BLADE DAMPERS. SEE ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

REFER TO SCOPE OF WORK 15700-1 HVAC FOR TEST & BALANCE & COMMISSIONING REQUIREMENTS WHICH WILL BE SUPPLIED BY THE OWNER AND COORDINATED BY THE GC.

FOR COMPLETE INFORMATION AND PRICING ON THE TRANE HVAC PACKAGE CONTACT MARTY CUSICK, THE YUM! BRANDS ACCOUNT EXECUTIVE AT TRANE NATIONAL ACCOUNTS.

TACO BELL HAS A NATIONAL HVAC AGREEMENT WITH YORK NATIONAL ACCOUNTS. FOR QUOTES AND TECHNICAL SPECIFICATIONS, PLEASE CONTACT MATT MCNAIR, YORK PRODUCT APPLICATION ENGINEER.

TRANE AND YORK HAVE AGREED TO SUPPLY AN HVAC PACKAGE CONSISTING OF THE ROOF-TOP UNITS, CURBS, THERMOSTATS, TEMPERATURE SENSORS (REMOTE), AND HUMIDITY SENSORS (REMOTE).

BE PREPARED AT TIME OF ORDER OR QUOTE REQUEST TO PROVIDE ALL PROJECT DETAILS REGARDING SPECIFICATIONS AND QUANTITIES AS SITE SPECIFIC DESIGN MAY NOT MATCH NATIONAL DESIGN.

SEE THE SCOPE OF WORK SHEETS FOR ADDITIONAL INFORMATION.

TRANE PACKAGE N.T.S. 5

VENTILATION SCHEDULE

Table with columns: SYSTEM, OCCUPANCY, OCCUPIED AREA (NET SF), OCCUPANCY (PER/1000 SF), CFM/PERSON, CFM/SF, # OF PEOPLE (AREA), RECD CFM, ACTUAL CFM.

Table with columns: ITEM, OA, RA, SA, EA, PRESSURE.

NOTE: THE OUTSIDE PERCENTAGE OF TOTAL SUPPLY AIR IS 25.0% FOR RTU-1 AND 20.0% FOR RTU-2.

AIR BALANCE SCHEDULE CFM 4

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- ELECTRICAL COMMENTS 11/17/2017
List of electrical notes with triangle symbols.

CONTRACT DATE: 10.2.17
BUILDING TYPE: EXP. LITE MED40
PLAN VERSION: DECEMBER 2016
SITE NUMBER: 311687
STORE NUMBER: 436563

TACO BELL
3923 SHAKEDOWN ST.
CHARLOTTE, NC

TACO BELL logo
EXPLORER LITE MEDIUM54

MECHANICAL SCHEDULES AND NOTES M1.0