

- ALL ROOF MOUNTED EQUIPMENT SHALL BE IN NEMA-3R ENCLOSURES.
- ALL CONDUIT RUNS SHOWN ON THE ROOF PLAN SHALL BE RUN BELOW THE CEILING SPACE WHERE AMBIENT TEMPERATURE WILL BE BELOW 30° C. FINAL CONNECTIONS TO THE ROOF EQUIPMENT IS LIMITED TO 5'-0" OF DIRECT SOLAR EXPOSURE.
- NOT USED.
- VERIFY ALL FUSE SIZES AND TYPES WITH THE AIR CONDITIONING EQUIPMENT MANUFACTURER PRIOR TO INSTALLATION.
- REVIEW THE MECHANICAL PLANS FOR THE AIR CONDITIONING CONTROL REQUIREMENTS AND SCOPE OF WORK PRIOR TO BIDDING AND INCLUDE ALL COSTS IN THE BID.
- VERIFY CONNECTION POINTS OF ALL HVAC EQUIPMENT PRIOR TO INSTALLATION. PROVIDE CONTROL VOLTAGE CONNECTION TO DUCT MOUNTED SMOKE DETECTOR AS REQUIRED BY MECHANICAL DRAWING M-100.
- SEE MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF MECHANICAL EQUIPMENT AND THERMOSTATS. PROVIDE RACEWAY SYSTEM FOR ALL CONTROL WIRING AS REQUIRED BY MECHANICAL DRAWING M-100.
- G.C. SHALL COORDINATE ELECTRICAL, MECHANICAL AND FIRE ALARM (IF REQUIRED) FOR INTERLOCK SEQUENCE.
- RESTROOM EXHAUST FAN TO BE POWERED FROM BACK OF HOUSE LIGHTING CIRCUIT. SEE DETAIL 5/E400 FOR ADDITIONAL INFORMATION.

## ROOF PLAN GENERAL NOTES

2

NOT TO SCALE E-104











- ROUTE HOMERUN THROUGH BACK OF HOUSE LIGHTING CIRCUIT. REFER TO LIGHTING PLAN, SHEET 1/E-101. FAN TO BE CONTROLLED BY SWITCH FOR BACK OF HOUSE LIGHTING.
- 120VAC DUCT-MOUNTED SMOKE DETECTOR - LOCATION PER MECHANICAL. CONFIGURE FOR HVAC SYSTEM UNIT SHUT-DOWN.
- ROUTE CIRCUITRY THROUGH HOOD CONTROL PANEL 'M4'. REFER TO DETAIL 3/E-401.
- REFER TO CONDENSING UNIT WIRING DIAGRAM, DETAIL 7/E-400.
- STRUT RACK SUPPORT FOR EQUIPMENT DISCONNECT SWITCHES. REFER TO DETAIL 2/E-401.
- PROVIDE AND INSTALL 2-1/2" DIA GALVANIZED RIGID METAL CONDUIT AND WEATHERHEAD AS SHOWN. CONDUIT TO BE STRAPPED TO CLOSEST JOIST TO THE MANAGER'S STATION (FULL DEPTH). SEE DETAIL 2/A-108.
- DO NOT INSTALL UNTIL BACK DRAFT DAMPER INSTALLATION IS COMPLETE. UTILIZE FACTORY KNOCKOUTS FOR ELECTRICAL RUN FOR THIS FAN. REFER TO SHEET M-402.
- MOUNT PHOTOCELL AS DETAILED ON CONDENSER RACK DETAIL 11/E-400.
- STUB ELECTRICAL FEED FOR EF-1 & EF-2, THROUGH ROOF ON HINGE SIDE OF EXHAUST FANS, IN LOCATION AS SHOWN ON POWER ROOF PLAN. REFER TO DETAIL 3/M-501 FOR ADDITIONAL DETAILS.
- FEED CONNECTION THROUGH FACTORY BASE AREA. COORDINATE WITH MECHANICAL.
- UNIT INCLUDES FACTORY MOLDED CASE DISCONNECT SWITCH (NOOCP). VERIFY WITH MECHANICAL SUBMITTAL DATA. PROVIDE DISCONNECT IF / AS REQUIRED.
- CONNECT TO SHUNT TRIP IN PANEL TO SHUT DOWN THE UNIT UPON ACTIVATION OF THE ANSUL SYSTEM.

## ROOF PLAN KEYED NOTES

3

NOT TO SCALE E-104

## ROOFTOP EQUIPMENT SCHEDULE

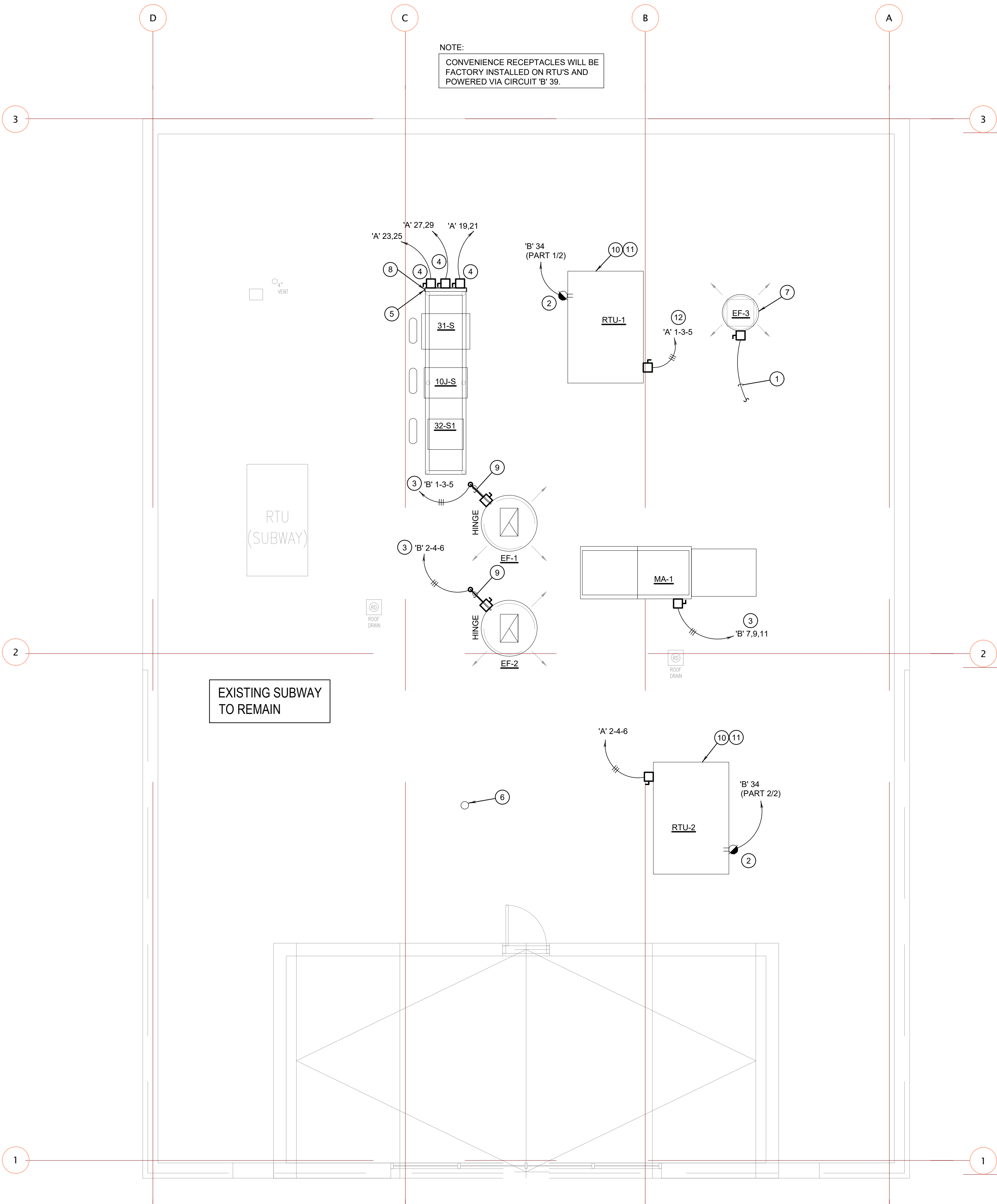
TAG	DESCRIPTION	KW	H.P.	FLA	VOLT/Ø	WIRE, CONDUIT	CONN.	MOUNT HEIGHT	DISC. SW. WITH RK1 FUSES PER MFR'S REQ'S. AND/OR REMARKS
RTU1	A/C UNIT			41.0	208V.3Ø	3 #6, #10 GND., 1" C.		AT UNIT	60A. 3P. 3F. WP (1) (4)
RTU2	A/C UNIT			41.0	208V.3Ø	3 #6, #10 GND., 1" C.		AT UNIT	60A. 3P. 3F. WP (1) (4)
MA-1	MAKE-UP AIR UNIT		3.0	11.0	208V.3Ø	3 #12, #12 GND., 3/4" C.		AT UNIT	(1) (4)
EF-1	EXHAUST FAN		2.0	5.9	208V.3Ø	3 #12, #12 GND., 3/4" C.		AT UNIT	(1)
EF-2	EXHAUST FAN		2.0	5.9	208V.3Ø	3 #12, #12 GND., 3/4" C.		AT UNIT	(1)
EF-3	EXHAUST FAN		1/4	4.8	120V.1Ø	2 #12, #12 GND., 3/4" C.		AT UNIT	30A. 2P. 1F. WP (1) (4)
31-S	W/I COOLER COND.			15.0	208V.1Ø	2 #12, #12 GND., 3/4" C.		AT UNIT	(2) (3)
32-S1	W/I FREEZER COND.			20.0	208V.1Ø	2 #10, #10 GND., 3/4" C.		AT UNIT	(2) (3)
10J-S	ICE MACHINE COND.			11.7	208V.1Ø	2 #12, #12 GND., 3/4" C.		AT UNIT	(2) (3)

- DISCONNECT SWITCH PROVIDED WITH UNIT.
- COMBINATION 30A. 2P. 2F. WP DISCONNECT SWITCH WITH RK5 FUSES PER MANUFACTURER RECOMMENDATION.
- COMBINE CIRCUITRY IN 1" CONDUIT FROM J-BOX ON EQUIPMENT DISCONNECT SWITCH SUPPORT. REFER TO DETAIL 1/E-104, THIS SHEET.
- ELECTRICAL FEEDS ARE TO BE ROUTED FROM PLENUM SPACE, UP THROUGH EQUIPMENT CURB, INTO BOTTOM OF EQUIPMENT, THROUGH FACTORY INSTALLED WATER TIGHT CONNECTIONS.

## HVAC EQUIPMENT SCHEDULE

4

NOT TO SCALE E-104



## ROOF POWER PLAN

1

1/4" = 1'-0" E-104



PANDA EXPRESS, INC.  
1683 Walnut Grove Ave.  
Rosemead, California  
91770  
Telephone: 626.799.9898  
Facsimile: 626.372.8288

All ideas, designs, arrangement and plans indicated or represented by this drawing are the property of Panda Express Inc. and were created for use on this specific project. None of these ideas, designs, arrangements or plans may be used by or disclosed to any person, firm, or corporation without the written permission of Panda Express Inc.

### REVISIONS:

△	PERMIT RESPONSE 1	06-01-2020

### ISSUE DATE:

	PEER REVIEW	01-27-2020
	PR RESPONSE 1	02-21-2020
	BUILDING PERMIT	03-11-2020

DRAWN BY: G. COLLINS

PANDA PROJECT #: D7446  
ARCH PROJECT #: JCDT19-0314

**NORR**  
ARCHITECTS ENGINEERS PLANNERS

## PANDA EXPRESS

GREENBRIAR TOWN CENTER,  
13059 LEE JACKSON MEMORIAL HWY  
FAIRFAX, VA 22033

# E-104

ROOF POWER PLAN