FOR BID ONLY

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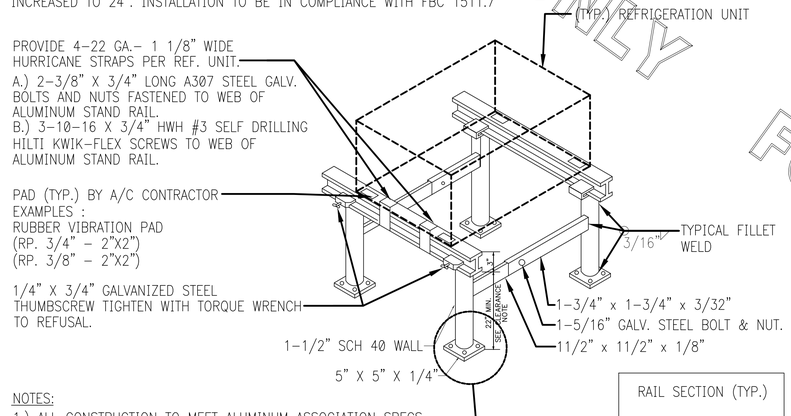
CLEARANCE NOTE:

CONTRACTOR TO VERIFY THICKNESS OF ROOF ASSEMBLY. 18" CLEARANCE REQUIRED FROM BOTTOM OF SUPPORT RACK STRUCTURAL MEMBER TO TOP OF ROOF ASSEMBLY. IF ANY PIECE OF EQUIPMENT MOUNTED ON RACK EXCEEDS 36" IN THE LATERALLY MOUNTED DIMENSION, THE CLEARANCE NEEDS TO BE INCREASED TO 24". INSTALLATION TO BE IN COMPLIANCE WITH FBC 1511.7



NOTES:

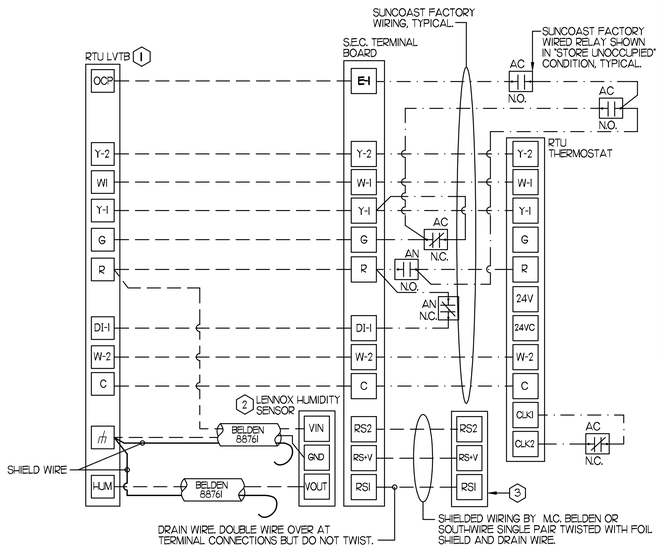
1.) ALL CONSTRUCTION TO MEET ALUMINUM ASSOCIATION SPECS.
2.) VIBRATION INSULATOR PADS SHALL BE PROVIDED BY THE A/C CONTRACTOR SO AS NOT TO CAUSE VIBRATION TO EXISTING SUB-STRUCTURE.
3.) ALUMINUM EQUIPMENT STAND SUPPORTS AS MANUFACTURED BY AVCOA CORPORATION OF FORT LAUDERDALE, FLA. OR APPROVED EQUAL. STANDS SHALL PROVIDE 18" MINIMUM CLEARANCE AND SHALL BE SIZED AND INSTALLED ACCORDING TO THE MANUFACTURERS LOAD CHARTS AND PRINTED INSTALLATION DETAILS.
CONTACT: (800) 266-7212
4.) STRAP DOWN UNITS WITH 22 GAUGE STRAPS AT 4 CORNERS WITH TEK SCREWS

2 REFRIGERATION SYSTEM FRAMING SUPPORT DETAIL

NO SCALE

LEGEND	
S.E.C.	SUNCOAST ENVIRONMENTAL CONTROLS (SUPPLIER OF TEMP/FAN CONTROL PANEL) LOCATED IN KITCHEN
(1)	KEY NOTE REFERENCE
MC	MECHANICAL CONTRACTOR
(AC)	SUNCOAST RELAY FACTORY INSTALLED AND WIRED IN CFA-500 PANEL, ENERGIZED BY PUTTING STORE SWITCH IN "STORE OCCUPIED" POSITION.
(AN)	SUNCOAST RELAY FACTORY INSTALLED AND WIRED IN CFA-500 PANEL, DE-ENERGIZED WHEN ANSUL FIRE SUPPRESSION SYSTEM IS ACTIVATED, AS NOTED.
- - -	18 AWG MIN LOW VOLTAGE WIRING BY MC, U.N.O. USE BELDEN OR SOUTH-WIRE SINGLE PAIR TWISTED WITH FOIL SHIELD AND DRAIN WIRE FOR SENSORS.
— · —	LOW VOLTAGE WIRING BY S.E.C.
———	LINE VOLTAGE BY ELECTRICIAN OR S.E.C.

PROVIDE A PROFESSIONALLY LAMINATED COPY OF THESE DETAILS TO BE INSTALLED INSIDE THE ROOFTOP UNIT CONTROL CABINENT. USE A SETON CHART FRAME STYLE #88624, TELEPHONE NUMBER 800-243-6624, FOR MOUNTING THE DETAIL. ATTACH THE FRAME TO THE INTERIOR OF THE UNIT IN PLAIN AND EASY VIEW OF THE CONTROLS SECTION. CONTACT ENGINEER OF RECORD FOR A REPRODUCIBLE COPY OF THE DETAIL.



1 ROOFTOP UNIT CONTROL WIRING - LENNOX

NONE

NOTES:

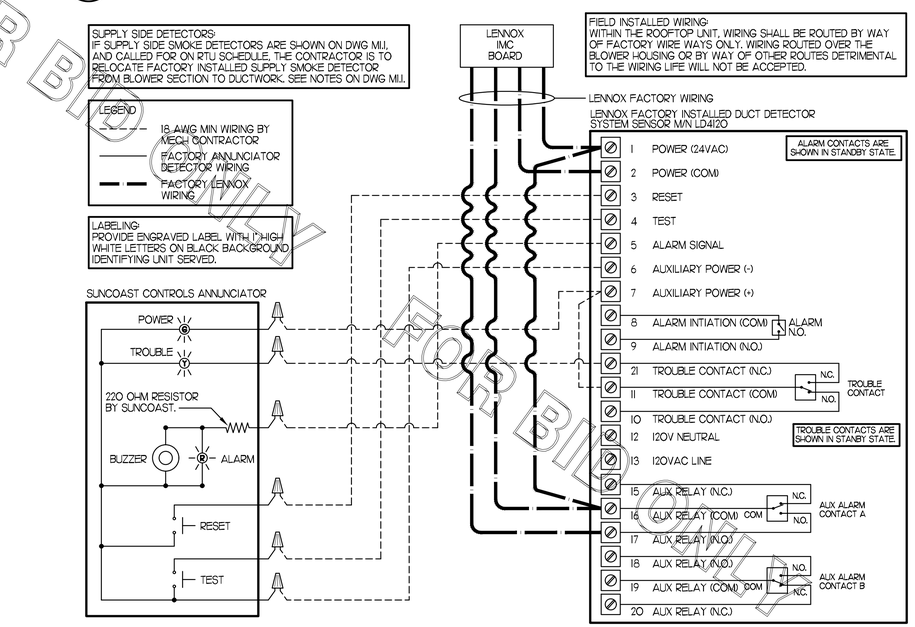
1. FOR ALL RTU'S EXCEPT AT ACHI, CHANGE PRODIGY-M3 BOARD CONTROL PARAMETER #65 TO ZERO (#58 ON LCH UNITS). ON OLDER BOARDS THIS IS ECTO PARAMETER 3.01 FOR LGH UNITS OR ECTO 2.01 FOR LCH UNITS. THIS WILL CAUSE THE O.A. DAMPER TO OPEN ON "OCCUPIED" START. AT ACHI (LGH TYPE) LEAVE THE SETTING AT THE DEFAULT VALUE SO THE O.A. DAMPER WILL REMAIN CLOSED FOR THE FIRST 60 MINUTES AFTER "OCCUPIED" START. AT ACHI (LCH TYPE) CHANGE THE VALUE TO 5.400 SO THE O.A. DAMPER WILL REMAIN CLOSED FOR THE FIRST 90 MINUTES AFTER "OCCUPIED" START.
2. MECHANICAL CONTRACTOR SHALL MAKE PLASTIC LAMINATE OF THIS DETAIL AND INSTALL PERMANENTLY ON INSIDE DOOR OF ROOFTOP UNIT CONTROL COMPARTMENT.
3. SEE DETAILS THIS SHEET FOR SMOKE DETECTOR AND ANNUNCIATOR WIRING.
4. AT HUMIDITROL RTU'S SET PRODIGY-M3 BOARD CONTROL PARAMETER #105 FOR DEHUMIDIFICATION OPERATION TO A VALUE OF 5. OLDER MI-8 IMC BOARD ECTO PARAMETER 4.24 VALUE TO BE SET TO A VALUE OF 5.
5. SET ALL THERMOSTATS FOR AUTO CHANGEOVER.
6. SET TSTAT COM SWITCH ON PRODIGY BOARD TO OPEN POSITION.
7. FOR MSAV UNITS, SET THE MSAV LOW SPEED SETTING TO THE SAME VALUE AS THE HIGH SPEED SETTING AFTER TAB IS COMPLETE.
8. PROVIDE MYLAR LABEL AT ALL NEW SENSORS WITH ½" HIGH BLACK LETTERING ON WHITE BACKGROUND, I.E. "AC#2 HUMIDITY SENSOR" OR "AC#2 TEMP SENSOR". PLACE LABELS DIRECTLY ON SENSOR DEVICE.

KEYED NOTES:

(1) LOW VOLTAGE WIRING TO RTU TO BE ROUTED TO UNIT THRU FACTORY WIREWAY.

(2) HUMIDITROL UNITS ONLY: WIRING TO HUMIDITY SENSOR TO BE MADE WITH TWO SEPARATE RUNS OF SHIELDED TWISTED PAIR. TERMINATE SHIELD WIRES AT TB-I, LEAVE OPEN AT SENSOR.

(3) NETWORK TSTAT MODEL# UG32-CFA REMOTE TEMP SENSOR. WIRING SHALL BE 18-GUAGE SHIELDED CABLE. PROVIDED BY SUNCOAST AND INSTALLED BY MC. FIELD CALIBRATE EACH SENSOR.



3 SMOKE DETECTOR AND ANNUNCIATOR WIRING DIAGRAM - LENNOX

NO SCALE

Chick-fil-A
5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark	Date	By

SEAL
THIS DOCUMENT IS "NOT FOR CONSTRUCTION" UNLESS THE ARCHITECT OR ENGINEER'S SIGNATURE AND SEAL APPEAR BELOW.

STACY HENSON, P.E.

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SHEET TITLE
MECHANICAL DETAILS

VERSION: V7.025
ISSUE DATE: 01-2017

Job No. : 17.0522
Store : 0745
Date : 10.09.17
Drawn By : DG
Checked By: JL

Sheet
M-4.2

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