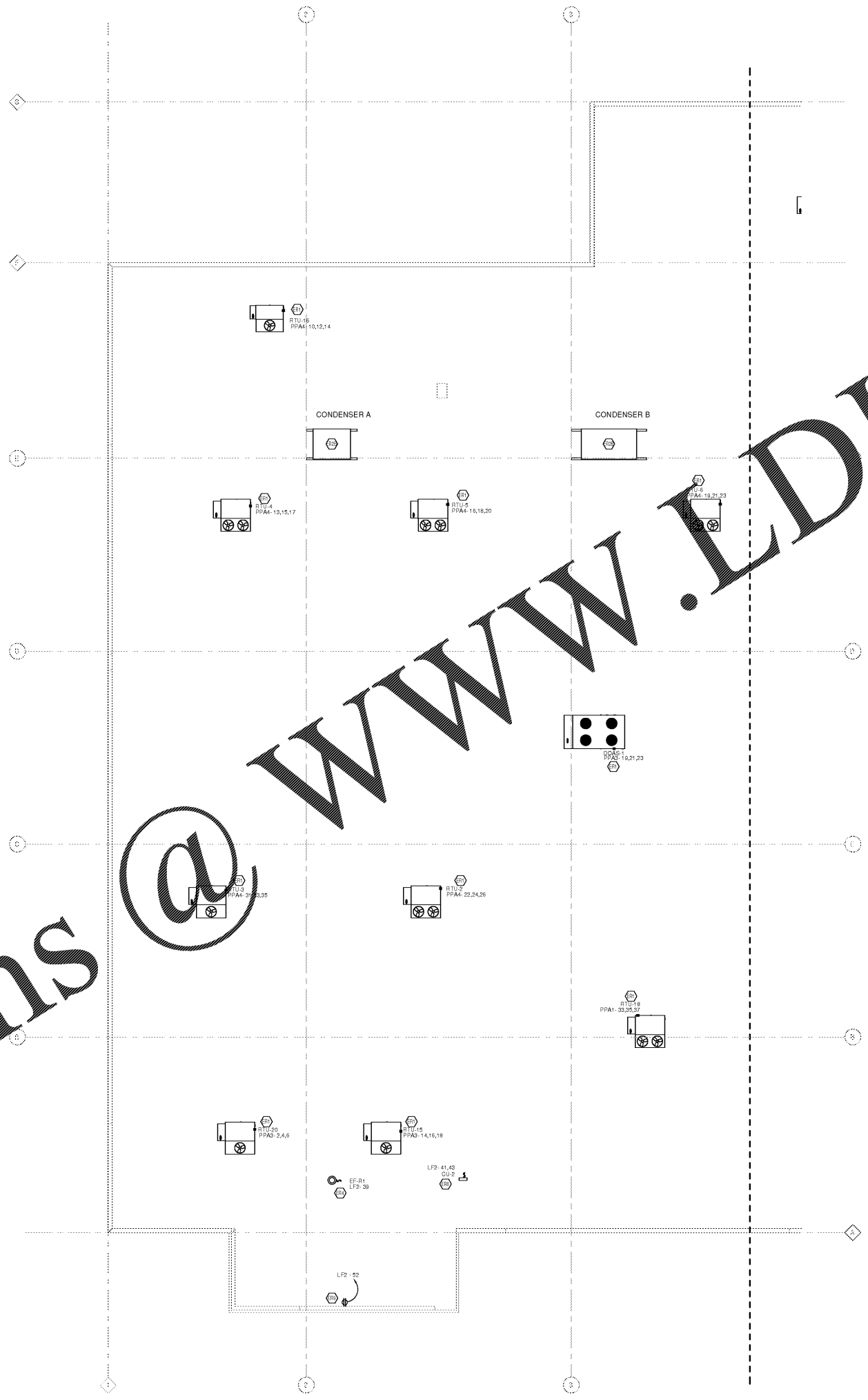


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11/10/2018 2:27:54 PM
ROOF POWER PLAN AND DETAILS - WEST
 3/32" = 1'-0"



- KEYED NOTES**
- R1 ROOFTOP UNIT INCLUDES A FACTORY INSTALLED WIRED CONVENIENCE GFCI AND WEATHER RESISTANT OUTLET RECEPTACLE - NO ADDITIONAL RECEPTACLE IS REQUIRED FOR MAINTENANCE. ROOFTOP UNIT WILL BE EQUIPPED WITH A FACTORY LOCAL EQUIPMENT DISCONNECT SWITCH. ALSO SEE SINGLE-LINE DIAGRAM.
 - R2 PROVIDE FEEDER, CONTROL, AND HEAT TRACE CONDUITS, AND CONTROL AND HEAT TRACE WIRING FROM ROOFTOP CONDENSER UNIT TO PANEL AS INDICATED ON SINGLE-LINE DIAGRAM. ROUTE FEEDER THROUGH ITS RESPECTIVE VARIABLE SPEED DRIVE, WHICH SHALL BE FURNISHED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR. WHERE VSD'S ARE USED, PROVIDE WIRING AS FOLLOWS: FROM POWER SOURCE TO LINE SIDE LUGS OF ROOFTOP LOCAL DISCONNECT AT CONDENSER UNIT, THEN FROM LOAD SIDE LUGS OF ROOFTOP DISCONNECT TO LINE SIDE LUGS OF VSD, THEN FROM LOAD SIDE LUGS OF VSD TO ROOFTOP CONDENSER UNIT. REFER TO RISER DIAGRAM FOR CONDENSING UNIT DISCONNECT INFORMATION. PROVIDE GFCI TYPE BREAKERS FOR HEAT TRACE BRANCH CIRCUITS.
 - R3 PROVIDE MAGNETIC STARTER AT SOURCE PANELBOARD AND WIRE THROUGH SAME. SEE DETAIL ESD-05 ON EGRESS DRAWINGS FOR REST ROOM WIRING AND CONTROL. PROVIDE SEALED TIGHT CONDUIT AT HINGE SIDE LONG ENOUGH FOR FAN TO TILT UP FOR CLEANING.
 - R4 SPLIT SYSTEM CONDENSING UNITS (CU) AND RESPECTIVE AC UNITS SHALL BE FURNISHED BY THE OWNER, INSTALLED BY THE HVAC CONTRACTOR AND WIRED BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL INSTALL KROGER-FURNISHED LOCAL WEATHERPROOF FUSED DISCONNECT AT CU AND SHALL PROVIDE THE POWER HOME-RUN FOR THE SYSTEM FROM THIS DISCONNECT TO THE SOURCE PANELBOARD. IN ADDITION, PROVIDE LINE VOLTAGE AND CONTROL WIRING FROM CU TO ROOFTOP AC UNIT. INSTALL KROGER-FURNISHED DISCONNECT SWITCH AT ROOFTOP AC UNIT ABOVE CEILING. ROUTING OF CONDUIT WIRING BETWEEN EACH AC UNIT AND ITS RESPECTIVE CU SHALL FOLLOW REFRIGERANT PIPING ROUTING WHEREVER PRACTICAL, SINCE METHODS MAY VARY BY MANUFACTURER. FIELD VERIFY WHETHER THE POWER HOME-RUN GOES TO CU OR AC UNIT. VERIFY LOADS, VOLTAGE, PHASE AND SOURCE BREAKER REQUIREMENTS.
 - R5 REFER TO RECEPTACLE LIGHT DETAIL FOR INSTALLATION OF GABLE LIGHT AND RECEPTACLE. SEE E1.4B. PROVIDE LUMINAIRE AND INSTALL AS SHOWN. PROVIDE ADDITIONAL LUMINAIRE AND RECEPTACLE WITHIN 4' OF SIGN/JUNCTION BOX. CONTROL ADDITIONAL LUMINAIRE THROUGH OCCUPANCY SENSOR NEAR GABLE ENTRANCE.


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OWNER

 DATE: 10/25/2018 10% OWNER REVIEW
 11/01/2018 100% B/PERMIT

DATE	REVISION

PROJECT TITLE
KROGER STORE R543
 MERCURY BLVD.
 HAMPTON, VA
 COMMISSIONING: 517315
 ISSUE DATE: 10/23/2018
 SHEET TITLE
ROOF POWER PLAN AND DETAILS - WEST
 SHEET NO.
E1.4a
 2009 Architecture & Design, Inc.

2" REFERENCE LINE