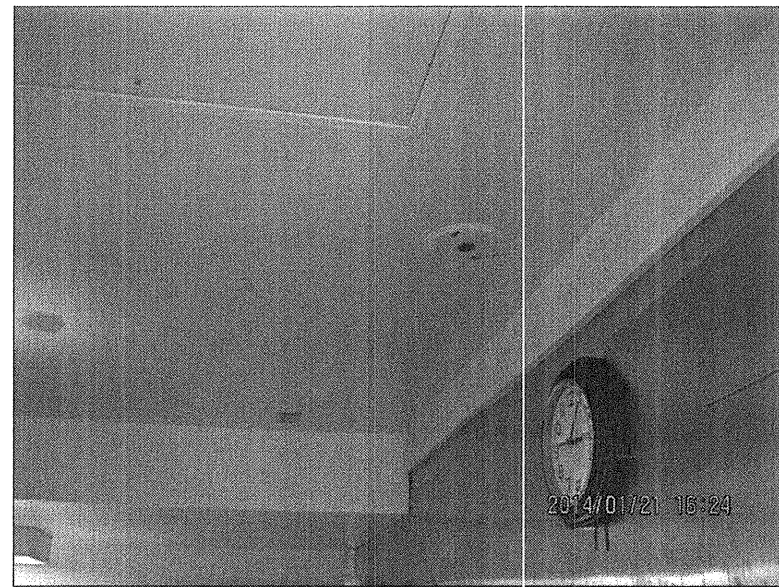
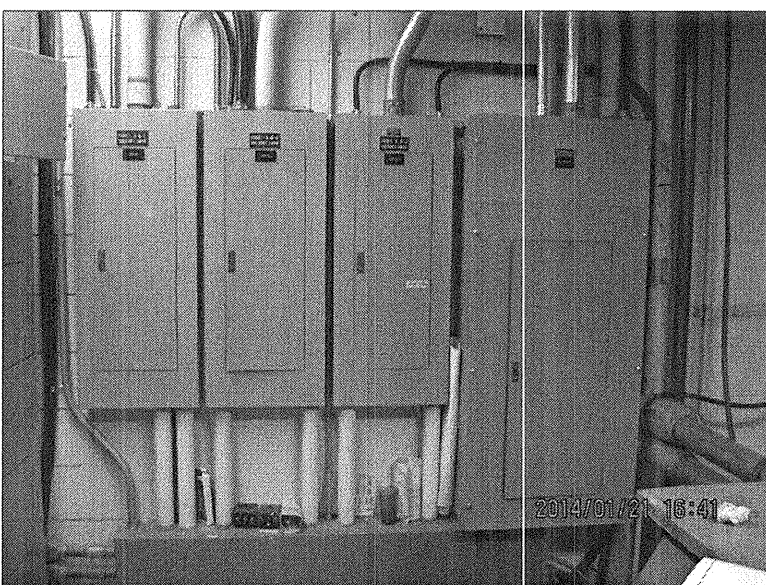


DRAWING KEYNOTES

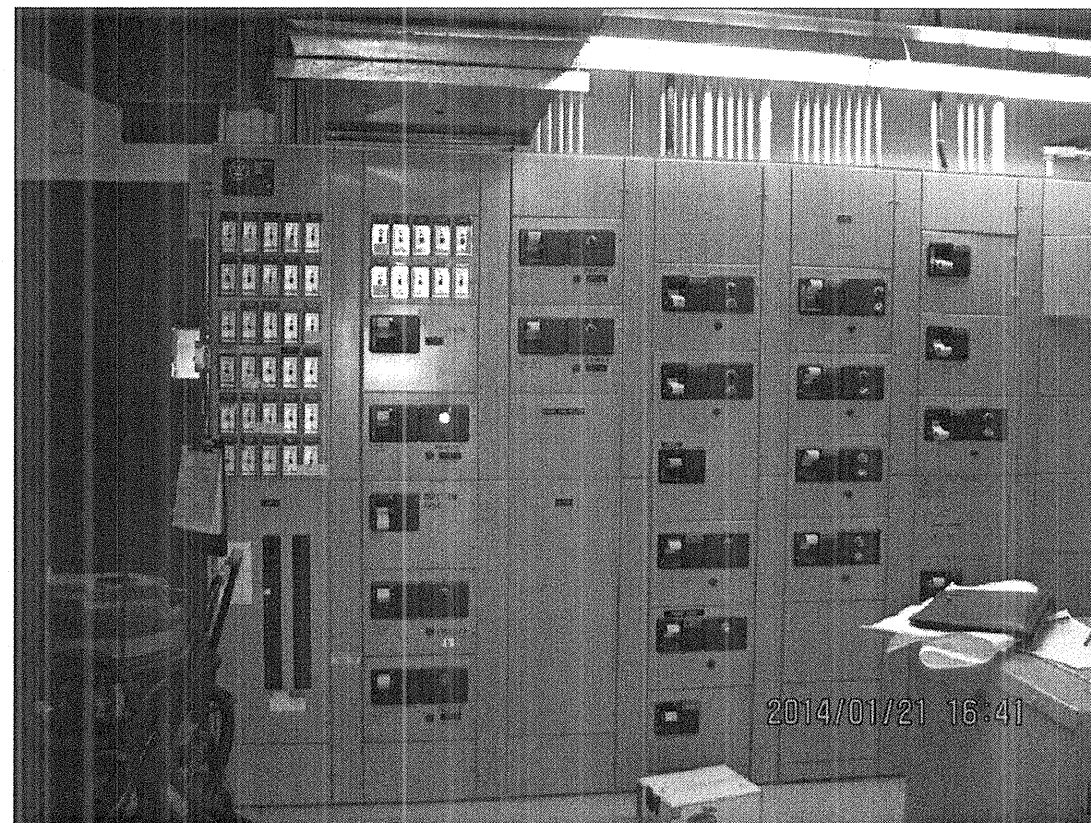
- ① EXISTING COOLER WILL BE REMOVED BY OTHERS. COORDINATE WITH OTHER TRADES AND DISCONNECT ALL EXISTING WIRING TO THE COOLER SUCH AS CONNECTION TO COOLER EVAPORATOR FANS, WASTE LINE HEAT TRACE AND LIGHTING. PROTECT ALL EXISTING BRANCH CIRCUIT WIRING FOR RE-USE AND RE-CONNECTION TO THE NEW FREEZER.
- ② ACCORDING TO SITE SURVEY, THERE ARE CURRENTLY AT LEAST TWO ELECTRICAL CONNECTIONS TO THE EXISTING EQUIPMENT:
 - ONE 20A/208V/1-PHASE CIRCUIT TO EVAPORATOR (CCT. A-6-K26,28)
 - ONE 15A/120V CIRCUIT TO EVAPORATOR WASTE LINE HEAT TRACE (CCT. A-6-K30).
 - ONE 15A/208V/3-PHASE CIRCUIT FROM MCC A-6-D TO COMPRESSOR. CIRCUIT FOR EXISTING COOLER LIGHTING IS NOT KNOWN. CONTRACTOR TO INVESTIGATE AND CONFIRM ALL CONNECTIONS TO EXISTING COOLER. RE-USE THE EXISTING BRANCH CIRCUITS FOR NEW FREEZER AND INSTALL ADDITIONAL WIRING AS REQUIRED AND INDICATED ON THE DRAWING.
- ③ RELOCATE EXISTING CEILING MOUNTED RECEPTACLE AND JB TO THE NORTH TO ACCOMMODATE NEW WIDER FREEZER. EXISTING DEVICES AND WIRING CAN BE ACCESSED FROM THE ADJACENT CEILING ACCESS HATCH.
- ④ NEW FREEZER WILL BE INSTALLED BY OTHERS. PROVIDE AND INSTALL ALL NECESSARY WIRING AND CONNECTIONS TO THE NEW FREEZER EQUIPMENT:
 - RE-USE EXISTING CIRCUIT A-6-K26,28 FOR CONNECTION TO NEW FREEZER DOOR HEATER. CHANGE EXISTING 2P-20A BREAKERS IN PANEL A-6-K TO 2P-15A.
 - RE-USE EXISTING CIRCUIT A-6-K30 FOR CONNECTION TO NEW FREEZER LIGHTS, ALARMS, CONTROL INTERCONNECTIONS AND EVAPORATOR WASTE LINE HEAT TRACE.
 - PROVIDE ONE NEW 208V/1-PHASE CIRCUIT FROM PANEL A-6-L FOR CONNECTION TO NEW EVAPORATOR. USE SPARE CCTS 2,4 AND PROVIDE ONE NEW 2P-25A BREAKER TO MATCH EXISTING BREAKERS IN PANEL A-6-L.
- ⑤ THERE MAY BE EXISTING CONDUIT AND WIRING INSTALLATIONS UNRELATED TO THE EXISTING COOLER THAT ARE FASTENED ON THE ROOF OF THE UNIT. ELECTRICAL CONTRACTOR IS TO TEMPORARILY REMOVE ALL SUCH INSTALLATIONS TO ACCOMMODATE REPLACEMENT OF EXISTING COOLER AND RE-INSTALL ALL AFTER NEW FREEZER IS INSTALLED. MAKE ALL NECESSARY ALLOWANCES.
- ⑥ EXISTING WESTINGHOUSE NQB PANEL A-6-K FROM WHICH COOLER EVAPORATOR AND WASTE LINE HEAT TRACE ARE FED FROM. RE-USE EXISTING CIRCUITS FOR NEW FREEZER AS INDICATED. PROVIDE NEW TYPE-WRITTEN PANEL SCHEDULE AFTER COMPLETION OF THE WORK.
- ⑦ EXISTING WESTINGHOUSE NQB PANEL A-6-L WITH SPARE CIRCUITS. PROVIDE NEW CONDUIT/WIRING FROM THE PANEL TO NEW FREEZER EVAPORATOR AS INDICATED IN KEYNOTE #4 ABOVE.
- ⑧ EXACT LOCATION OF CONDUIT PENETRATION INTO FLOOR TO BE DETERMINED ON SITE. X-RAY THE FLOOR PRIOR TO ANY DRILLING OR CORING.
- ⑨ EXISTING COMPRESSOR WILL BE REPLACED WITH NEW COMPRESSOR BY OTHERS. COORDINATE WITH OTHER TRADES FOR DISCONNECTION OF EXISTING AND RE-CONNECTION OF NEW. RE-USE EXISTING CONDUIT, WIRING AND DISCONNECT SWITCH FOR NEW COMPRESSOR.
- ⑩ EXISTING COMPRESSOR IS FED FROM 208V SECTION OF MCC A-6-D. SEE PICTURES #2 #5 AND #6. STARTER HAS A BREAKER TYPE DISCONNECT SWITCH WITH A WESTINGHOUSE 3P/15A BREAKER THAT IS BELIEVED TO BE TYPE 'FB3015'. CONTRACTOR TO CONFIRM ON SITE. REPLACE THE EXISTING BREAKER WITH A NEW 3P/25A BREAKER WITH A SIMILAR STYLE AND FRAME SIZE. IN ADDITION, RUN LIGHT IN MCC STARTER DOES NOT WORK. INVESTIGATE AND PROVIDE NEW LAMP AS REQUIRED.
- ⑪ RE-USE EXISTING CONTROL WIRING INTERCONNECTIONS BETWEEN COMPRESSOR STARTER AND EVAPORATOR UNIT FOR NEW FREEZER.



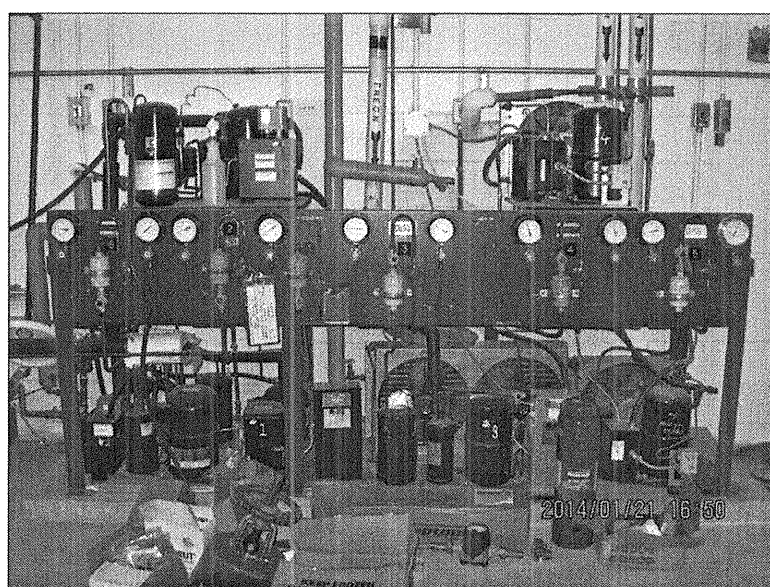
PICTURE #1
RELOCATE EXISTING CEILING MOUNTED RECEPTACLE AND JB TO THE NORTH TO ACCOMMODATE NEW BIGGER FREEZER



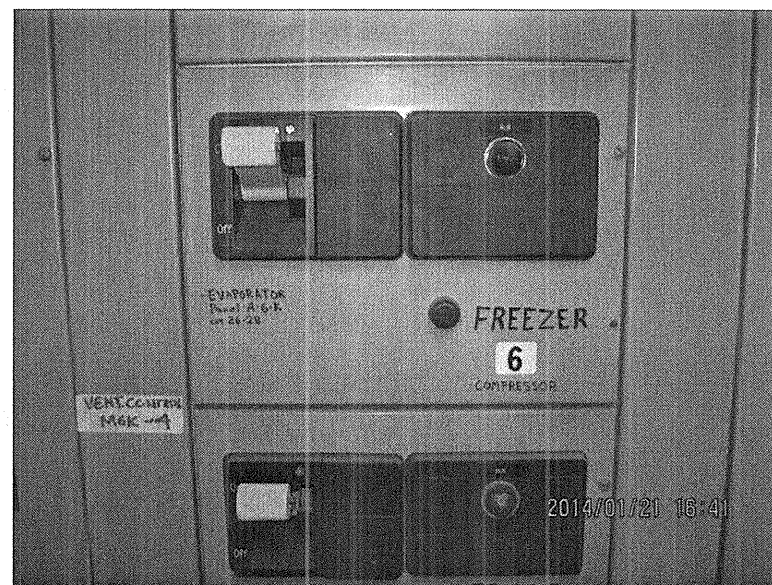
PICTURE #3
USE WIRING FROM EXISTING PANELS AND INSTALL ADDITIONAL WIRING AS REQUIRED TO FEED NEW EQUIPMENT.



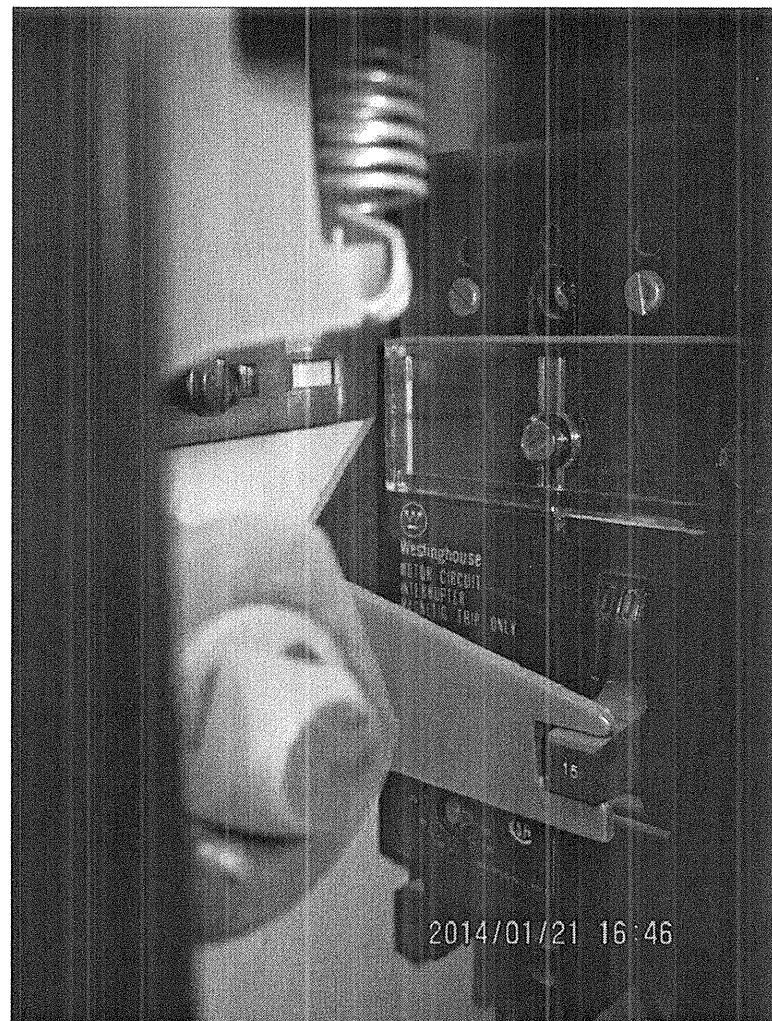
PICTURE #2
EXISTING MCC A-6-D. EXISTING COMPRESSOR STARTER IS LOCATED IN 2ND STACK FROM THE LEFT 3RD BUCKET FROM THE BOTTOM



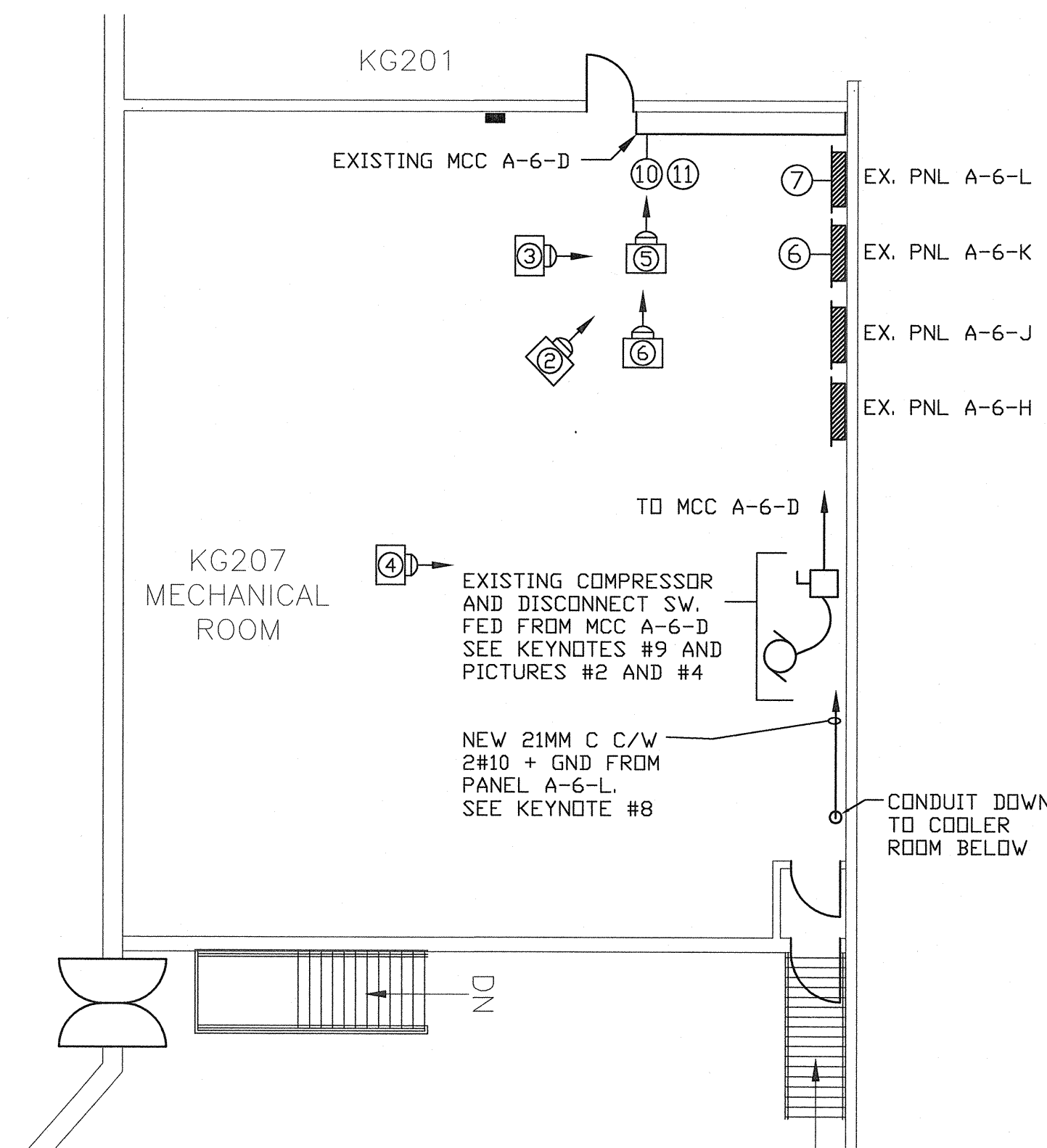
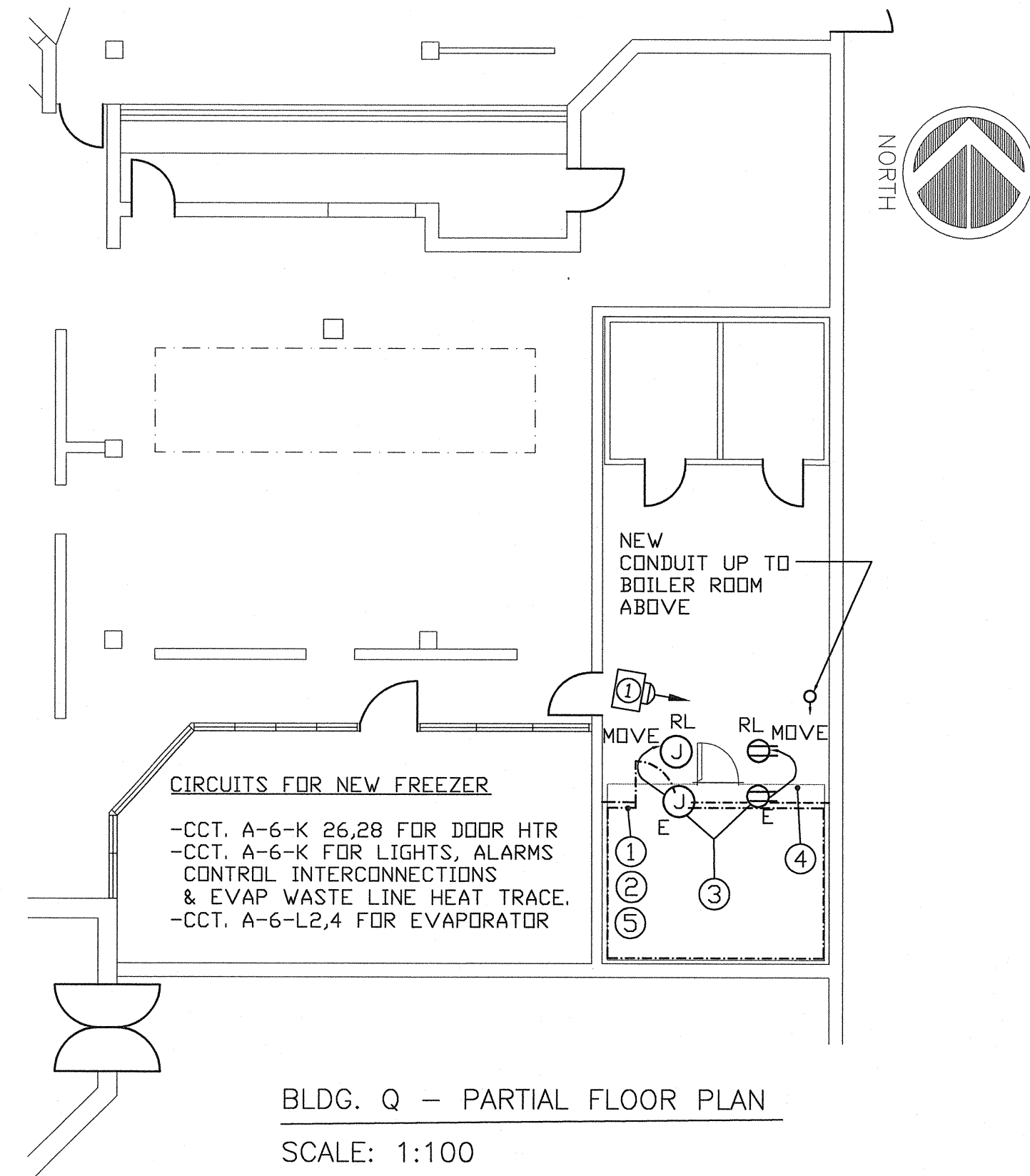
PICTURE #4
COMPRESSOR AND DISCONNECT SWITCH FOR THE EXISTING COOLER AT TOP LEFT. RE-USE EXISTING DISCONNECT SWITCH FOR NEW FREEZER. PROVIDE NEW LAMICOID LABEL.



PICTURE #5
EXISTING COMPRESSOR STARTER IN MCC. RE-USE TO FEED NEW COMPRESSOR. REPLACE 'RUN' LIGHT AND MAKE FUNCTIONAL. PROVIDE NEW LAMICOID LABEL.



PICTURE #6
EXISTING 3P/15A COMPRESSOR BREAKER IN STARTER OF MCC. REPLACE WITH A NEW 3P/25A BREAKER WITH A SIMILAR STYLE AND FRAME SIZE BREAKER.



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1	ISSUED FOR TENDER	20/02/14
0	ISSUED FOR 90% REVIEW	11/02/14
Revision/	Description/Description	Date/Date
Client/client		
Correctional Services Canada		
Project title/Titre du projet		
Various Institutions Finishing Kitchens		
Consultant Signature Only		
Designed by/Concept par M. Dezfooli		
Drawn by/Dessiné par W. Casol February 2014		
PWOSC Project Manager/Administrateur de Projets TPSGC S. Leslie		
Regional Manager, Architectural and Engineering Services Gestionnaire régionale, Services d'architecture et de génie, TPSGC P. Fung A/RM		
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Kent Institution Floor Plans		
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