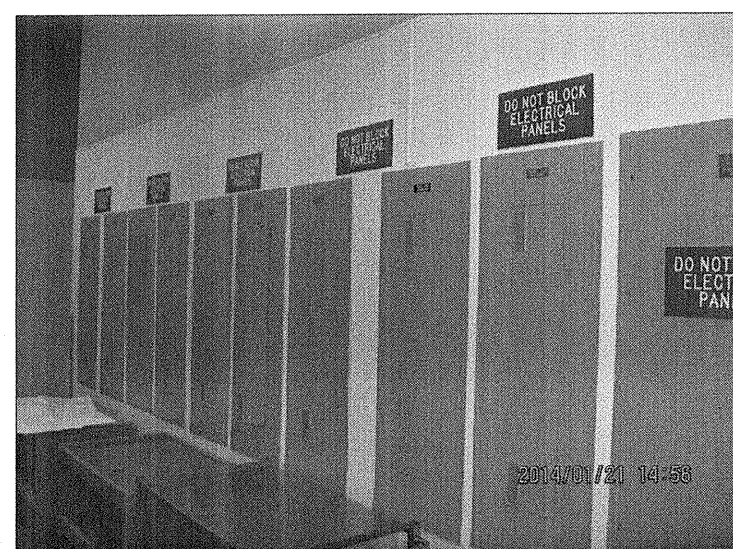
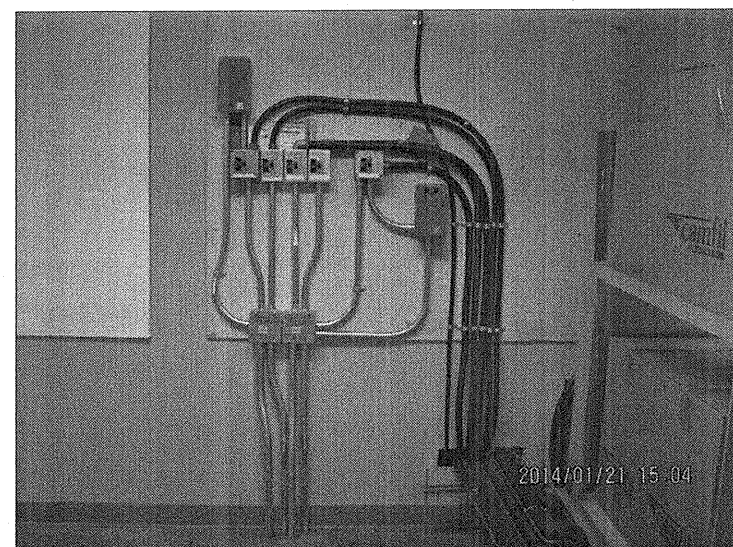


Mountain Institution

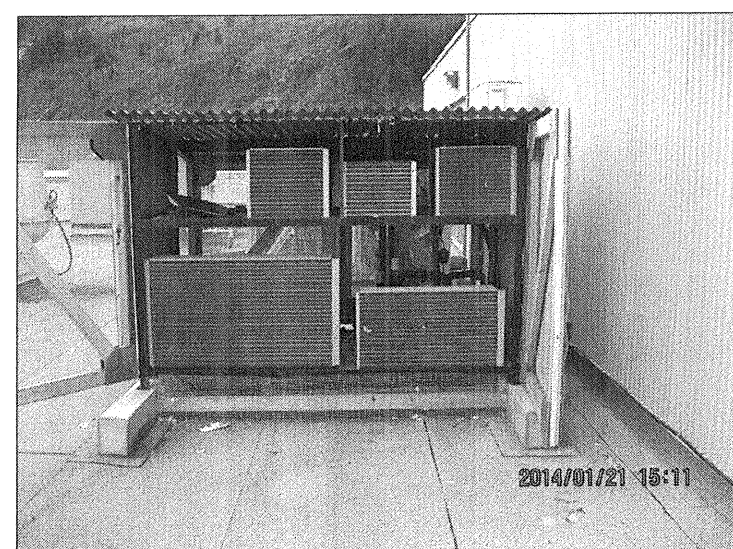
Location Plan



PICTURE #1
EXISTING PANELBOARDS IN AREA K009. PANEL KEC IS THE SECOND PANEL FROM THE LEFT.



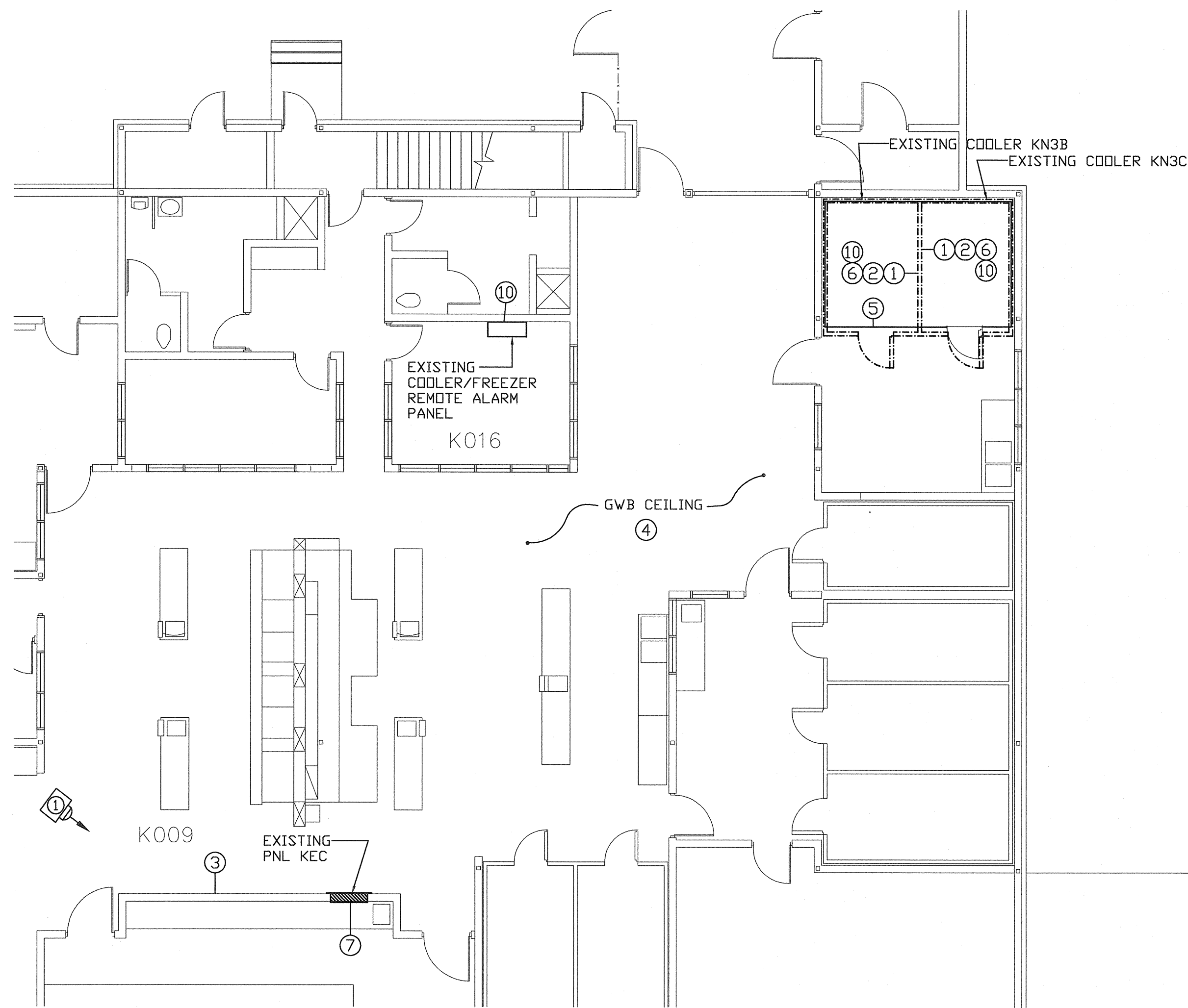
PICTURE #2
DISCONNECT SWITCHES FOR EXISTING COMPRESSORS. REMOVE KN3B DISC. SW. REUSE KN3C DISCONNECT SWITCH FOR NEW FREEZER COMPRESSOR. CONFIRM IF TIME CLOCK IS STILL REQUIRED.



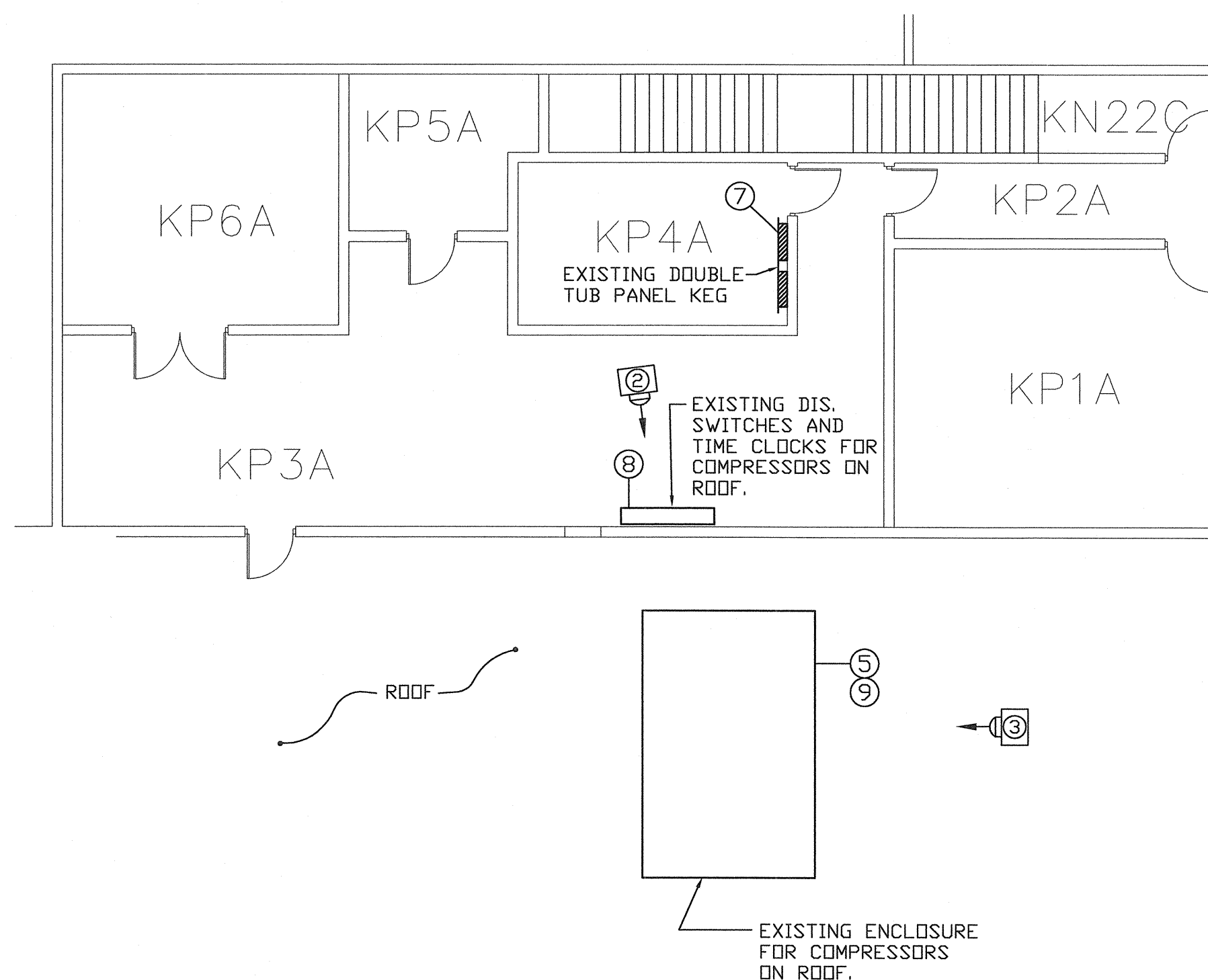
PICTURE #3
EXISTING COMPRESSORS ON ROOF: KN3B LOCATED IN TOP ROW IN THE MIDDLE. KN3C LOCATED IN BOTTOM ROW ON LEFT. REMOVE WIRING FOR KN3B AND RE-USE KN3C WIRING FOR NEW COMPRESSOR.

DRAWING KEYNOTES

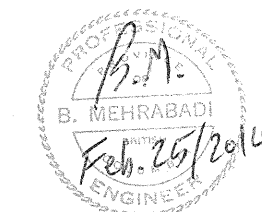
- TWO EXISTING UNITS, MEAT COOLER KN3B AND MEAT FREEZER KN3C, WILL BE REMOVED BY OTHERS. COORDINATE WITH OTHER TRADES AND DISCONNECT ALL EXISTING WIRING TO THE UNITS SUCH AS CONNECTION TO EVAPORATOR FANS, WASTE LINE HEAT TRACE AND LIGHTING. NOTE THAT EXISTING BRANCH CIRCUIT WIRING MAY NEED TO BE PROTECTED FOR RE-USE AND RE-CONNECTION TO THE NEW FREEZER. REFER TO OTHER NOTES ON THIS DRAWING.
- ACCORDING TO SITE SURVEY, THERE ARE CURRENTLY AT LEAST FIVE ELECTRICAL CONNECTIONS TO THE EXISTING COOLER AND FREEZER EQUIPMENT:
 - ONE 15A/208V/1-PHASE CIRCUIT TO KN3C EVAPORATOR. CIRCUIT IS UNKNOWN
 - ONE 15A/120V CIRCUIT TO KN3B EVAPORATOR (CCT. KEC10).
 - AT LEAST ONE 15A/120V CIRCUIT TO KNB AND KNC LIGHTS AND EVAP HEAT TRACE LINES.
 - ONE 20A/208V/3-PHASE CIRCUIT TO KNB COMPRESSOR ON ROOF (CCT. KEG37,39,41)
 - ONE 30A/208V/3-PHASE CIRCUIT TO KNC COMPRESSOR ON ROOF (CCT. KEG7,9,11).THERE IS NO INFORMATION FOR ANY OTHER CIRCUIT THAT MAY BE CONNECTED TO THE EXISTING COOLER AND FREEZER. CONTRACTOR IS TO ALLOW SUFFICIENT TIME TO COORDINATE WITH CSC STAFF AND INVESTIGATE ON SITE TO CONFIRM ALL CONNECTIONS TO THE EXISTING UNITS PRIOR TO START OF DEMOLITION WORK. RE-USE THE EXISTING BRANCH CIRCUITS OR REPLACE THE EXISTING WIRING AND BREAKERS AND INSTALL ADDITIONAL WIRING TO NEW FREEZER AS REQUIRED AND INDICATED ON DRAWING.
- THERE ARE A TOTAL OF 11 PANELBOARDS IN THIS WALL. FOR CLARITY, NOT ALL EXISTING PANELBOARDS ARE SHOWN.
- NOTE THAT THE CEILING FOR THE AREA BETWEEN THE PANELBOARDS AND EXISTING UNITS THAT ARE REPLACED IS GWB TYPE. THE INTENTION IS TO USE EXISTING CONDUITS BETWEEN EXISTING PANEL KEC AND EXISTING UNITS FOR INSTALLATION OF ANY NEW WIRING THAT IS REQUIRED. ELECTRICAL CONTRACTOR IS TO ALLOW SUFFICIENT TIME TO INVESTIGATE ROUTING OF EXISTING CONDUITS FOR NEW WIRING INSTALLATION.
- NEW FREEZER WILL BE INSTALLED BY OTHERS. PROVIDE AND INSTALL ALL NECESSARY WIRING AND CONNECTIONS TO THE NEW FREEZER EQUIPMENT:
 - INVESTIGATE AND CONFIRM THE ROUTING OF EXISTING CONDUITS FROM PANEL KEC. INSTALL NEW 2#10AWG WIRING IN EXISTING CONDUITS. REPLACE TWO EXISTING 1P/15A BREAKERS FOR CIRCUITS 39 AND 41 WITH A NEW 2P/25A BREAKER AND USE FOR CONNECTION TO NEW EVAPORATOR.
 - RE-USE EXISTING WIRING AND BREAKER FOR CIRCUIT KEC10 FOR CONNECTION TO NEW FREEZER LIGHTS, ALARMS, CONTROL INTERCONNECTIONS AND EVAP HEAT TRACE.
 - RE-USE EXISTING WIRING FOR CIRCUIT KEG7,9,11 FOR NEW COMPRESSOR ON THE ROOF. REPLACE THE EXISTING 3P/30A BREAKER TO 3P/25A. RE-USE EXISTING DISCONNECT SWITCH IN ROOM KP3A. REMOVE EXISTING LAMACOID LABEL AND PROVIDE NEW TO INDICATE CCT. AND UNIT NUMBER.
- THERE MAY BE EXISTING CONDUIT AND WIRING INSTALLATION UNRELATED TO THE EXISTING COOLERS THAT ARE FASTENED ON THE ROOF OF THE EXISTING UNITS. 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.
- EXISTING PANELS 'KEC' AND 'KEG' ARE FEDERAL PIONEER NBLP TYPE. ANY NEW BREAKER IS TO MATCH EXISTING BREAKERS. PROVIDE NEW TYPE WRITTEN PANEL SCHEDULE AFTER COMPLETION OF THE WORK.
- TIME CLOCKS AND DISCONNECT SWITCHES FOR EXISTING COMPRESSORS. SEE PICTURE #2. REMOVE EXISTING UNIT KN3B DISCONNECT SWITCH AND ASSOCIATED CONDUIT AND WIRING. LEAVE THE CIRCUIT IN THE 4'X4' JB AS SPARE. MAKE SAFE AND INDICATE INFO ON THE COVERPLATE. RE-USE EXISTING UNIT KN3C DISCONNECT SWITCH FOR NEW FREEZER COMPRESSOR AND RE-LABEL. IN ADDITION, THERE IS A TIME CLOCK FOR EXISTING UNIT KN3C. CONFIRM WITH NEW FREEZER INSTALLER IF TIME CLOCK IS REQUIRED. REMOVE IF NOT REQUIRED.
- COMPRESSORS FOR EXISTING UNITS KN3B AND KN3C WILL BE REMOVED AND COMPRESSOR FOR NEW FREEZER WILL BE INSTALLED BY OTHERS. REMOVE WIRING TO EXISTING UNIT KN3B COMPRESSOR AND RE-ROUTE AND/OR EXTEND WIRING TO EXISTING UNIT KN3C COMPRESSOR AND USE FOR NEW COMPRESSOR.
- CURRENTLY, THERE ARE TWO ALARMS FOR EACH OF THE UNITS KN3B AND KN3C. ONE IS A PANIC ALARM (FROM THE PANIC BUTTON INSIDE THE UNIT) THAT ANNUNCIATES ON MCCP FAAS PANEL IN PRINCIPAL ENTRANCE BLDG. THE SECOND IS A TEMPERATURE ALARM THAT ANNUNCIATES IN THE REMOTE ANNUNCIATOR IN FOS OFFICE K016. NEW FREEZER IS TO HAVE THE SAME ALARMS AS THE EXISTING UNITS. USE EXISTING WIRING FOR THIS PURPOSE. COORDINATE WITH ADGA PRIOR TO DISCONNECTION OF FAAS ALARM WIRING FROM THE EXISTING UNITS AND RECONNECTION TO NEW UNIT. TEST CORRECT OPERATION OF BOTH ALARMS AFTER COMPLETION OF WORK.



BLDG. K - PARTIAL MAIN FLOOR PLAN
SCALE: 1:100



BLDG. K - ROOF PLAN
SCALE: 1:100



1	ISSUED FOR TENDER	20/02/14
0	ISSUED FOR 90% REVIEW	11/02/14

Revision/	Description/Description	Date/Date
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Client/client

Correctional Services
Canada

Project title/Titre du projet

Various Institutions
Finishing Kitchen

Consultant Signature Only

Designed by/Concept par
M. Dezfooli

Drawn by/Dessiné par
W. Casol February 2014

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Drawing title/Titre du dessin

Mountain Institution
Floor Plans

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.067189.001	E3	1

