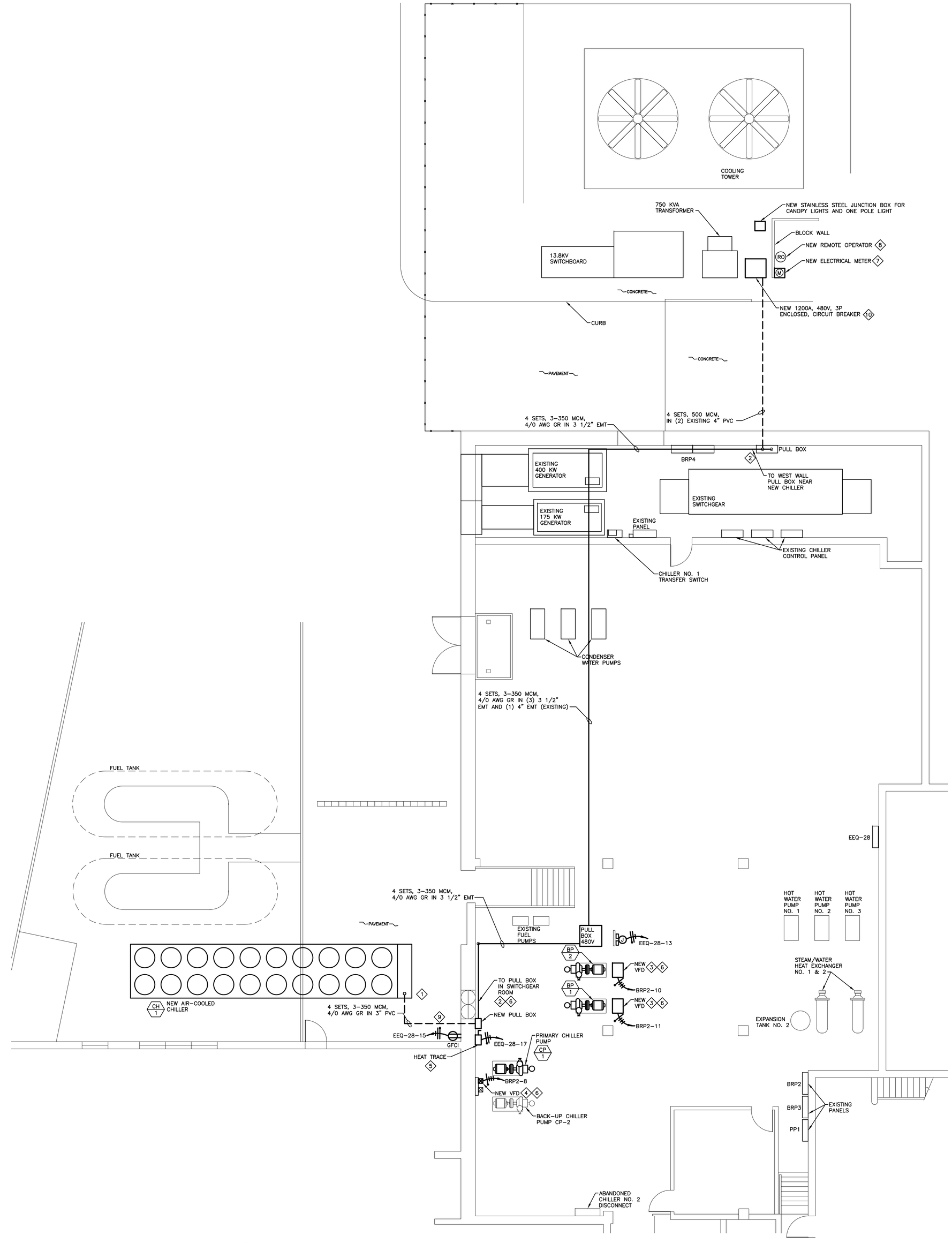
AS-BUILT DRAWINGS HAVE BEEN MODIFIED PER CONTRACTOR MARKUPS RECEIVED ON 05-19-14

GENERAL NOTES:

1. COORDINATE WITH OWNER FOR ALL INTERRUPTIONS OF THE BUILDING SYSTEMS.

ELECTRICAL PLAN KEYED NOTES:

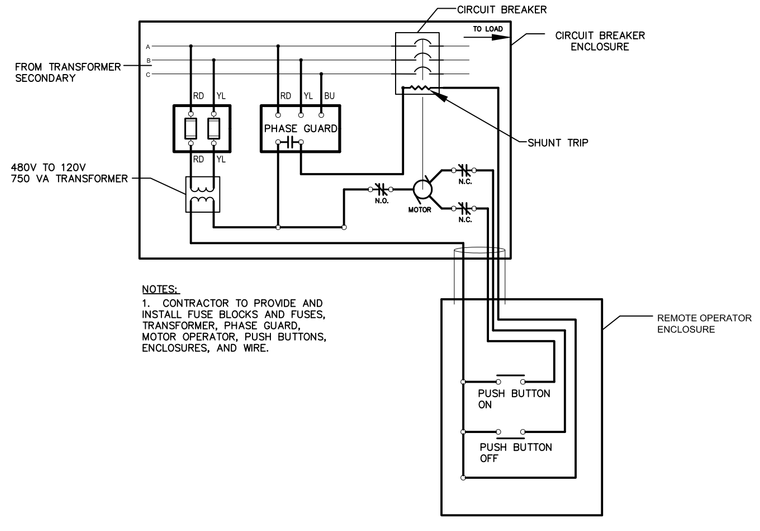
1. CONNECT TO CHILLER SINGLE POINT POWER CONNECTION.
2. 4 SETS, 3-350 MCM, 4/0 AWG GR IN 3" EMT.
3. RATED FOR 50 HP, 200V, 3ø MOTOR. SEE DETAIL ON SHEET M503.
4. RATED FOR 10 HP, 200V, 3ø MOTOR. SEE DETAIL ON SHEET M503.
5. COORDINATE WITH MECHANICAL FOR POWER TO ABOVE GRADE, EXTERIOR PIPE, HEAT TRACE.
6. PROVIDE ELECTRICAL POWER MONITOR AT EACH VARIABLE FREQUENCY DRIVE
7. ELECTRICAL METER PROVIDED BY OWNER; METER BASE, ACCESSORIES AND INSTALLATION BY CONTRACTOR. SEE SPECIFICATIONS AND DETAIL ON SHEET E501.
8. PROVIDE 3/4" CONDUIT TO REMOTE OPERATOR. SEE WIRING DIAGRAM THIS SHEET.
9. PROVIDE 3" CONDUIT FOR CHILLER CONTROL WIRES. SEE SHEET M501 FOR INSTALLATION DETAIL.
10. LABEL AS 'SERVICE ENTRANCE 3 OF 3' WITH ENGRAVED NAMEPLATE. NOTE TWO OTHER SERVICE LOCATIONS AS INTERIOR 208V MSWB.



N

PARTIAL GROUND FLOOR ELECTRICAL RENOVATION PLAN

SCALE: 1/8" = 1'-0"



NOTES:
1. CONTRACTOR TO PROVIDE AND INSTALL FUSE BLOCKS AND FUSES, TRANSFORMER, PHASE GUARD, MOTOR OPERATOR, PUSH BUTTONS, ENCLOSURES, AND WIRE.

1 / E102 REMOTE OPERATOR DIAGRAM

SCALE: NONE

KRAIG L. SPENCE, P.E.
MO E-30125

THE PROFESSIONAL ENGINEER'S SEAL ON THIS DRAWING HAS BEEN AFFIXED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 327, RSMo. BY AFFIXING THIS SEAL THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE WORK SHOWN ON THIS DRAWING ONLY, AND HEREBY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR OTHER PROJECT DRAWINGS NOT DIRECTLY BEARING THIS SEAL.

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MIZZOU NORTH - REPLACE CHILLER
COLUMBIA, BOONE COUNTY, MISSOURI 65203

ELECTRICAL RENOVATION PLAN

PROJECT NUMBER
CP131791

SHEET
E102
8 of 9