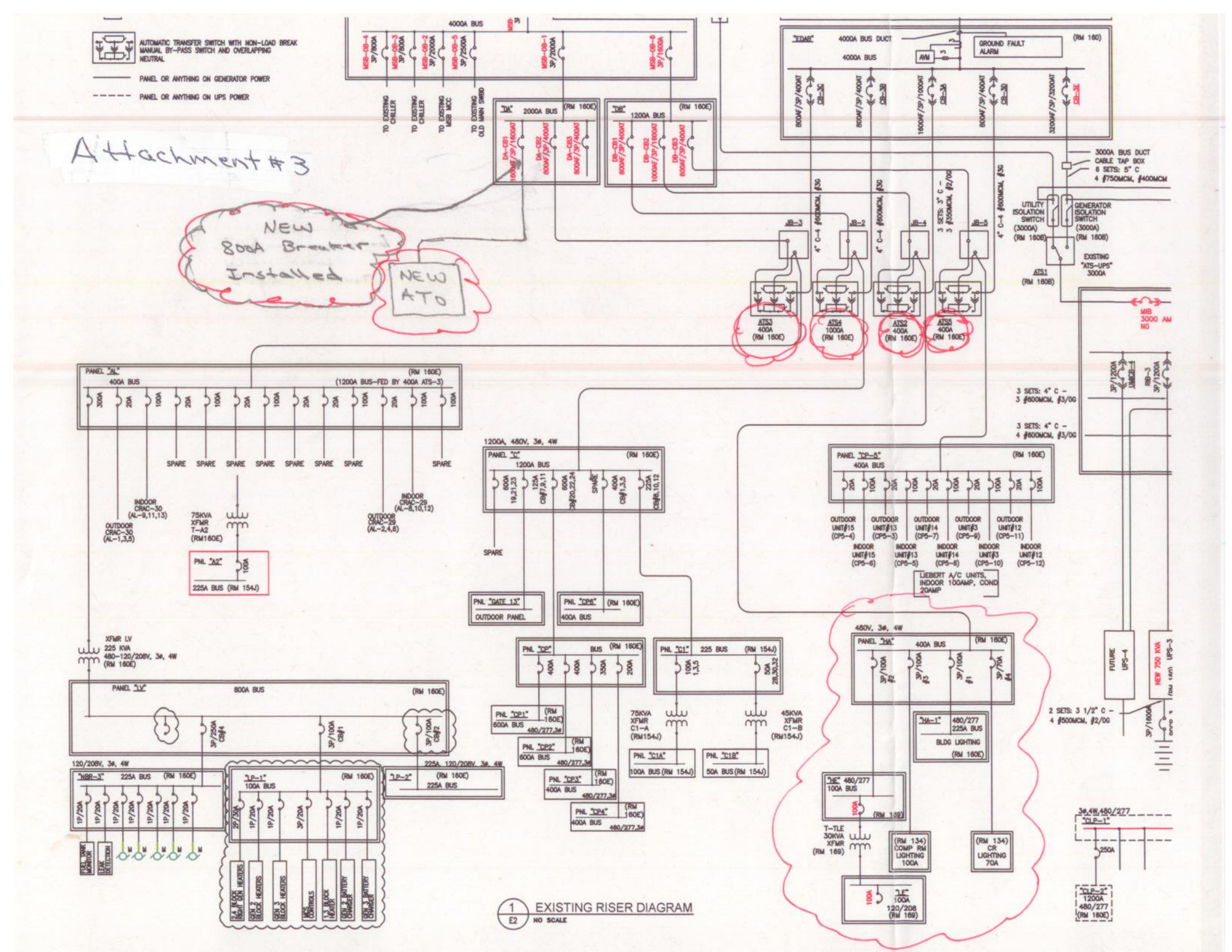

Attachment #3
AUTOMATIC TRANSFER SWITCH WITH NON-LOAD BREAK MANUAL BY-PASS SWITCH AND OVERLAPPING NEUTRAL
PANEL OR ANYTHING ON GENERATOR POWER
PANEL OR ANYTHING ON UPS POWER
4000A BUS
TO EXISTING CHILLER
TO EXISTING CHILLER
TO EXISTING MSB MCC
TO EXISTING OLD MAIN SWBD
"DA" 2000A BUS (RM 160E)
"DB" 1200A BUS (RM 160E)
"EDAB" 4000A BUS DUCT
GROUND FAULT ALARM
(RM 160)
3000A BUS DUCT
CABLE TAP BOX
6 SETS: 5" C
4 #750MCM, #400MCM
UTILITY ISOLATION SWITCH (3000A) (RM 160B)
GENERATOR ISOLATION SWITCH (3000A) (RM 160B)
EXISTING "ATS-UPS" 3000A
ATS1 (RM 160B)
JB-3
JB-2
JB-4
JB-5
4" C-4 #600MCM, #3G
3 SETS: 3" C - 3 #350MCM, #2/0G
ATS3 400A (RM 160E)
ATS4 1000A (RM 160E)
ATS2 400A (RM 160E)
ATS5 400A (RM 160E)
NEW 800A Breaker Installed
NEW ATO
MIB 3000 AM NO
PANEL "AL" 400A BUS (RM 160E) (1200A BUS-FED BY 400A ATS-3)
SPARE
INDOOR CRAC-30 (AL-9,11,13)
OUTDOOR CRAC-30 (AL-1,3,5)
75KVA XFMR T-A2 (RM160E)
PNL "A2" 225A BUS (RM 154J)
INDOOR CRAC-29 (AL-8,10,12)
OUTDOOR CRAC-29 (AL-2,4,6)
1200A, 480V, 3ø, 4W
PANEL "C" 1200A BUS (RM 160E)
PNL "GATE 13" OUTDOOR PANEL
PNL "CP6" 400A BUS (RM 160E)
PNL "CP" BUS (RM 160E)
PNL "CP1" 600A BUS 480/277,3ø
PNL "CP2" 600A BUS 480/277,3ø
PNL "CP3" 400A BUS 480/277,3ø
PNL "CP4" 400A BUS 480/277,3ø
PNL "C1" 225 BUS (RM 154J)
75KVA XFMR C1-A (RM154J)
45KVA XFMR C1-B (RM154J)
PNL "C1A" 100A BUS (RM 154J)
PNL "C1B" 50A BUS (RM 154J)
PANEL "CP-5" 400A BUS (RM 160E)
OUTDOOR UNIT#15 (CP5-4)
OUTDOOR UNIT#13 (CP5-3)
OUTDOOR UNIT#14 (CP5-7)
OUTDOOR UNIT#3 (CP5-9)
OUTDOOR UNIT#12 (CP5-11)
INDOOR UNIT#15 (CP5-6)
INDOOR UNIT#13 (CP5-5)
INDOOR UNIT#14 (CP5-8)
INDOOR UNIT#3 (CP5-10)
INDOOR UNIT#12 (CP5-12)
LIEBERT A/C UNITS, INDOOR 100AMP, COND 20AMP
3 SETS: 4" C - 3 #600MCM, #3/0G
3 SETS: 4" C - 4 #600MCM, #3/0G
480V, 3ø, 4W
PANEL "HA" 400A BUS (RM 160E)
"HA-1" 480/277 225A BUS BLDG LIGHTING (RM 160E)
"HE" 480/277 100A BUS (RM 169)
T-TLE 30KVA XFMR (RM 169)
(RM 134) COMP RM LIGHTING 100A
(RM 134) CR LIGHTING 70A
"LE" 100A 120/208 (RM 169)
FUTURE UPS-4
NEW 750 KVA UPS-3
2 SETS: 3 1/2" C - 4 #500MCM, #2/0G
3ø,4W,480/277 "CLP-1" 250A
"CLP-2" 1200A 480/277 (RM 160E)
XFMR LV 225 KVA 480-120/208V, 3ø, 4W (RM 160E)
PANEL "LV" 800A BUS (RM 160E)
120/208V, 3ø, 4W
"NBR-3" 225A BUS (RM 160E)
"LP-1" 100A BUS (RM 160E)
225A, 120/208V, 3ø, 4W
"LP-2" (RM 160E) 225A BUS
FUEL TANK MONITOR
LEAK DETECTION
2,4 BLOCK RIGHT GEN HEATERS
GEN 2 BLOCK HEATERS
GEN 3 BLOCK HEATERS
MCS CONTROLS
1,3 BLOCK HEATER
GEN 2 BATTERY CHARGER
GEN 3 BATTERY CHARGER
1 E2 EXISTING RISER DIAGRAM
NO SCALE