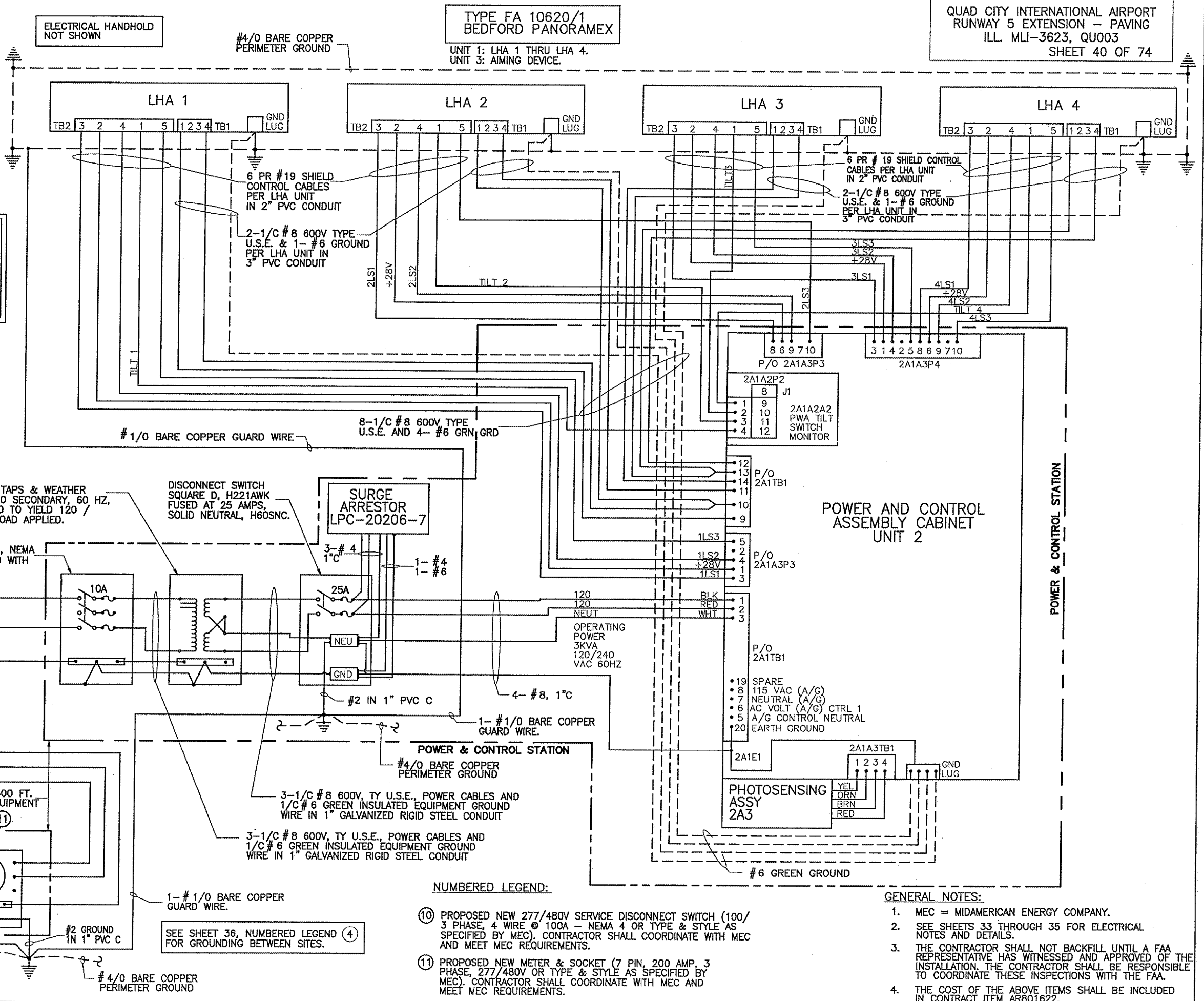


TYPE FA 10620/1
 BEDFORD PANORAMEX
 UNIT 1: LHA 1 THRU LHA 4.
 UNIT 3: AIMING DEVICE.

ELECTRICAL HANDHOLD
 NOT SHOWN

THE FAA SHALL SUPPLY TO THE CONTRACTOR FOUR LHA UNITS. THE CONTRACTOR SHALL INSTALL THE FOUR FAA SUPPLIED LHA UNITS. THE CONTRACTOR SHALL SUPPLY AND INSTALL ALL OTHER NECESSARY ELECTRICAL EQUIPMENT AND CABLES, AS DETAILED, TO PRODUCE A COMPLETE AND OPERATIONAL SYSTEM. THE CONTRACTOR SHALL RUN ALL CABLES INTO THE LHA UNITS AND LEAVE 3' OF SLACK WITHOUT MAKING FINAL CONNECTIONS. THE FAA SHALL MAKE THE FINAL CONNECTIONS IN THE LHA UNITS.



5 KVA DRY TRANSFORMER W/ GROUND BUS, TAPS & WEATHER SHIELD, 1 PHASE, 480V PRIMARY & 120 /240 SECONDARY, 60 HZ, SQUARE D CAT. NO. 5S40F. TAP AS REQUIRED TO YIELD 120 / 240V ON SECONDARY SIDE WITH FULL PAPI LOAD APPLIED.

600V, 30A, 3P DISCONNECT SWITCH W/GROUND BUS, NEMA 3R ENCLOSURE, SQUARE D CAT NO H361AWK FUSED WITH TWO DUAL ELEMENT 10-AMP FUSETRONS.

SURGE ARRESTOR
 LPC-20206-7

POWER AND CONTROL
 ASSEMBLY CABINET
 UNIT 2

3-1/C #6, 600V UNDERGROUND POWER CABLES IN 2" UNIT DUCT, 277/480V

METERING STATION

POWER & CONTROL STATION

PHOTOSENSING
 ASSY
 2A3

TO EXTG MEC TRANSFORMER
 1- #4/0 BARE COPPER GUARD WIRE.
 4-1/C #2, 600V TYPE THW POWER CABLES & 1 - #6 GREEN INSULATED GROUND WIRE

#2 GROUND IN 1" PVC C
 #4/0 BARE COPPER PERIMETER GROUND

SEE SHEET 36, NUMBERED LEGEND (4) FOR GROUNDING BETWEEN SITES.

NUMBERED LEGEND:

- (10) PROPOSED NEW 277/480V SERVICE DISCONNECT SWITCH (100/3 PHASE, 4 WIRE @ 100A - NEMA 4 OR TYPE & STYLE AS SPECIFIED BY MEC). CONTRACTOR SHALL COORDINATE WITH MEC AND MEET MEC REQUIREMENTS.
- (11) PROPOSED NEW METER & SOCKET (7 PIN, 200 AMP, 3 PHASE, 277/480V OR TYPE & STYLE AS SPECIFIED BY MEC). CONTRACTOR SHALL COORDINATE WITH MEC AND MEET MEC REQUIREMENTS.

GENERAL NOTES:

- 1. MEC = MIDAMERICAN ENERGY COMPANY.
- 2. SEE SHEETS 33 THROUGH 35 FOR ELECTRICAL NOTES AND DETAILS.
- 3. THE CONTRACTOR SHALL NOT BACKFILL UNTIL A FAA REPRESENTATIVE HAS WITNESSED AND APPROVED OF THE INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THESE INSPECTIONS WITH THE FAA.
- 4. THE COST OF THE ABOVE ITEMS SHALL BE INCLUDED IN CONTRACT ITEM AR801622.

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