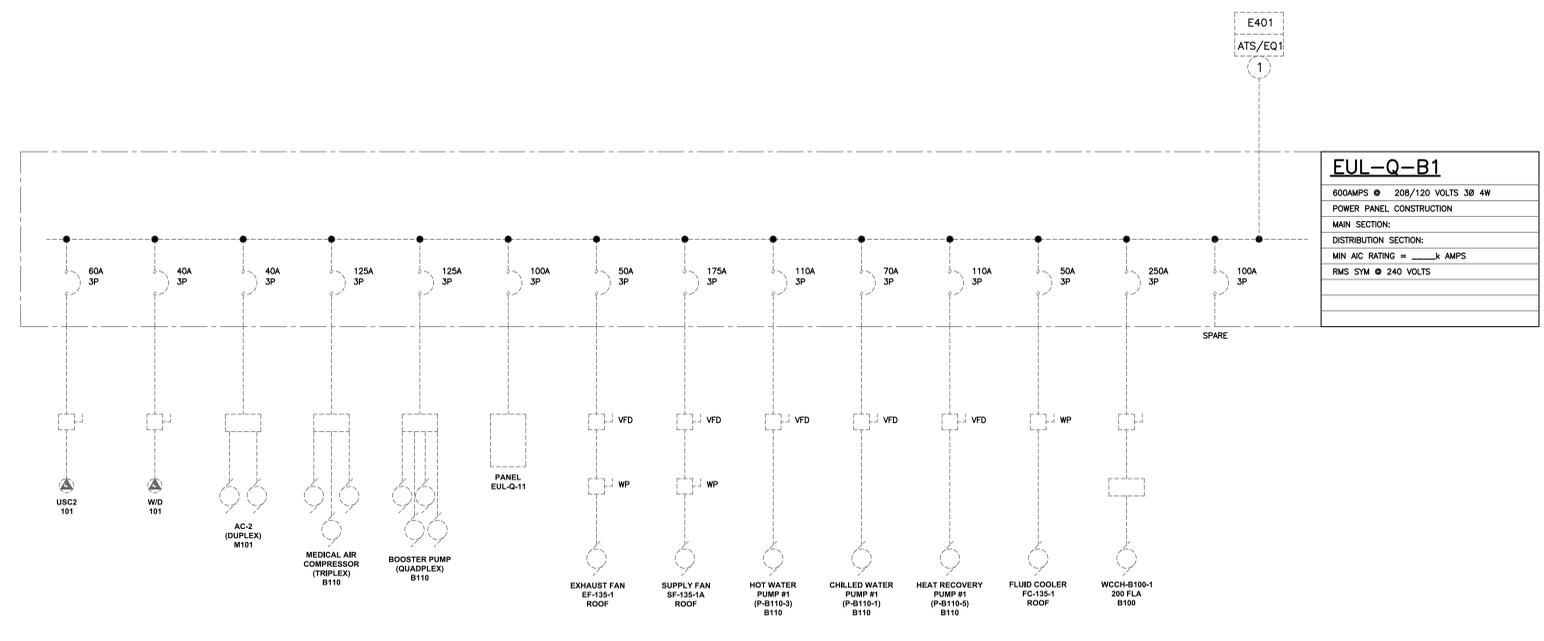
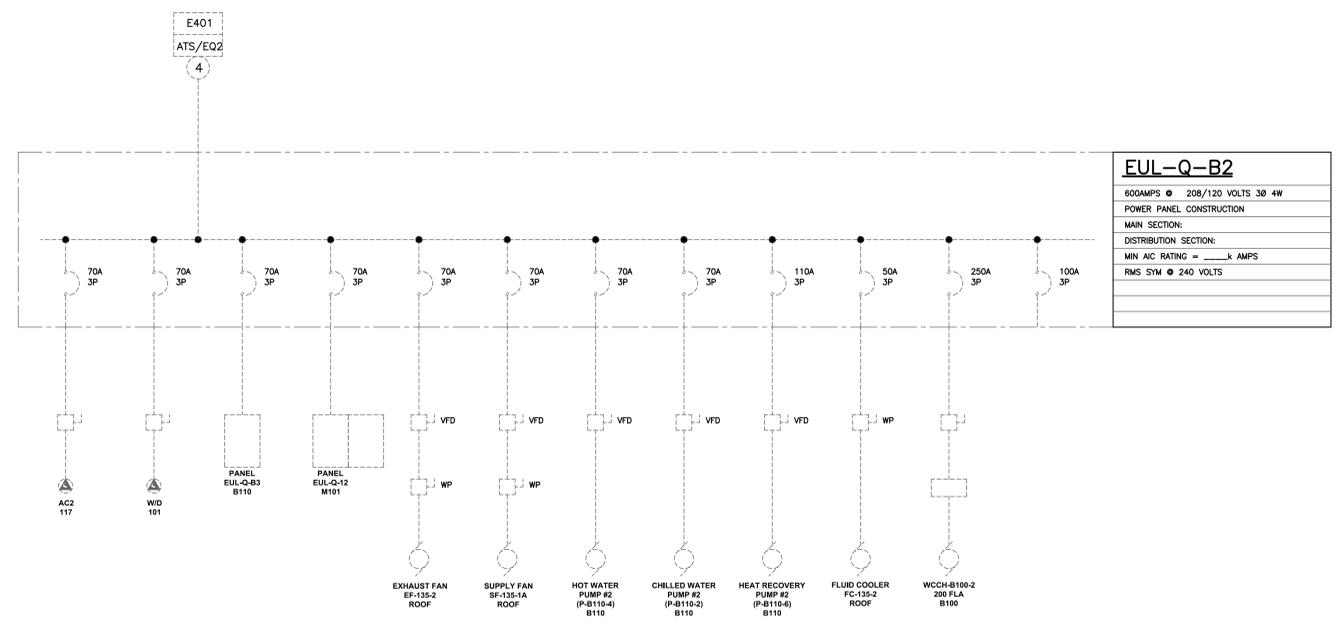


SHEET NOTES —
1. SHEET FOR REFERENCE ONLY.

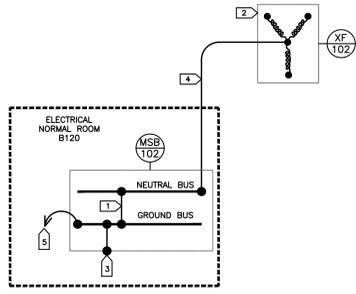


EUL-Q-B1
600AMPS @ 208/120 VOLTS 3Ø 4W
POWER PANEL CONSTRUCTION
MAIN SECTION:
DISTRIBUTION SECTION:
MIN AIC RATING = _____ k AMPS
RMS SYM @ 240 VOLTS



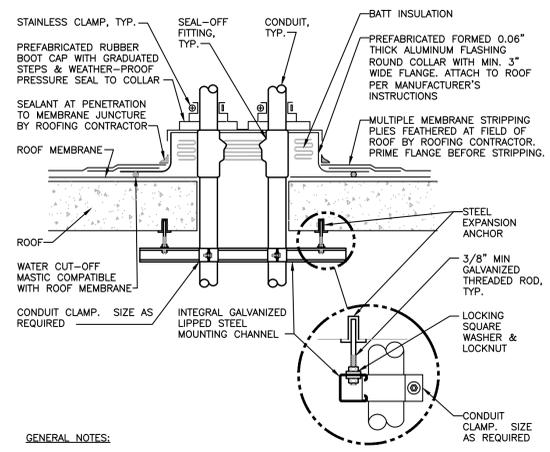
EUL-Q-B2
600AMPS @ 208/120 VOLTS 3Ø 4W
POWER PANEL CONSTRUCTION
MAIN SECTION:
DISTRIBUTION SECTION:
MIN AIC RATING = _____ k AMPS
RMS SYM @ 240 VOLTS

Revisions: Date:	CONSULTANT Consultant: RING & DuCHATEAU LLP 17400 W. CAPITOL DRIVE BROOKFIELD, WI 53045 (414) 778-1700 	ARCHITECT/ENGINEER OF RECORD A/E: PROJECT LEAD Architect, Structural Engineer, Civil Engineer 955 N. CAPITOL AVE., SUITE 100 INDIANAPOLIS, IN 46204 317.800.6388 WWW.GUIDONDESIGN.COM SUSTAINABLE ARCHITECTURE + ENGINEERING	STAMP 	Office of Construction and Facilities Management 	Drawing Title ONE-LINE DIAGRAM Approved: VA MILWAUKEE	Phase 100% BID SET NON-SPRINKLERED	Project Title INSTALL EMS BUILDING 102 Location MILWAUKEE VAMC Issue Date JULY 24, 2017 Checked MJ Drawn MJ	Project Number 695-17-108 Building Number BLDG 102 Drawing Number ES402
-------------------------	--	---	-----------	---	---	--	--	---



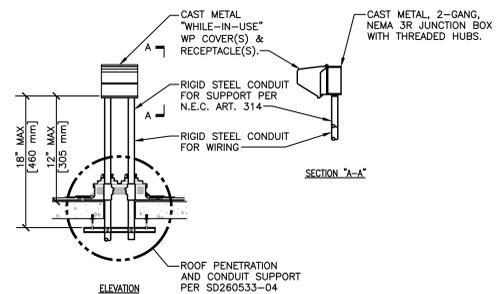
- SHEET NOTES:**
- EE SPECIFICATION SECTION 26 05 26 FOR ADDITIONAL GROUNDING REQUIREMENTS.
 - TERMINATION TO ALL GROUND BUS TYPES SHALL BE VIA MECHANICAL LUGS.
 - ALL GROUNDING WIRES SHALL BE 3/0 THIN INSULATED COPPER GROUND WIRE UNLESS OTHERWISE NOTED.
- KEYED NOTES:**
- MAIN GROUNDING SYSTEM SHALL BE BONDED AT ONE POINT WITHIN MSB/102.
 - NEW BUILDING TRANSFORMER.
 - BOND ENCLOSURE PER NEC ARTICLE 250.
 - REFER TO ONE LINE DIAGRAM FOR WIRE SIZE.
 - EXISTING TIE TO GROUNDING ELECTRODE SYSTEM TO REMAIN.

3 GROUNDING SYSTEM RISER DIAGRAM
ES500 NOT TO SCALE

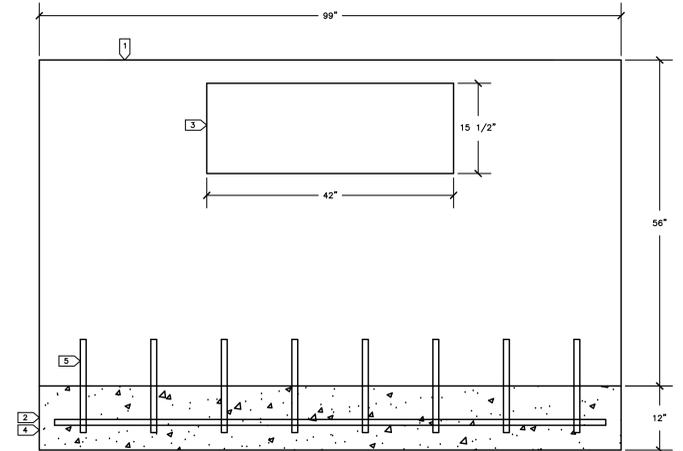


- GENERAL NOTES:**
- MAINTAIN A MINIMUM CLEARANCE OF 12" [308mm] ON ALL SIDES OF ROOF PENETRATION FROM WALLS, CURBS, AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING.
 - FLANGES OF ADJACENT FLASHINGS SHALL NOT BE CUT OR OVERLAPPED.
 - VERIFY ROOF & STRUCTURAL SYSTEM WITH ARCHITECT.
 - COORDINATE FLASHING INSTALLATION WITH ROOFING CONTRACTOR TO ENSURE PROPER METHODS & MATERIALS ARE USED TO MAINTAIN ROOF WARRANTY.

2 CONDUIT ROOF PENETRATION DETAIL
ES500 NOT TO SCALE



1 RECEPTACLE ROOF MOUNTING DETAIL
ES500 NOT TO SCALE



- SHEET NOTES:**
- REFER TO SPECIFICATION SECTION 32 05 23 FOR ADDITIONAL CONCRETE REQUIREMENTS.
 - ADJUST MOUNTING BOLTS AS NEEDED TO ACCOMMODATE NEW TRANSFORMER.
 - ADJUSTMENTS TO PAD ARE BASED ON A NEW EATON TRANSFORMER. PAD ADJUSTMENTS SHALL BE VERIFIED WITH TRANSFORMER MANUFACTURER PRIOR TO WORK BEING PERFORMED.
 - REFER TO SPECIFICATION SECTION 26 12 19 FOR PAD REQUIREMENTS.
- KEYED NOTES:**
- EXISTING CONCRETE PAD TO REMAIN.
 - PAD TO BE EXTENDED TO THE SOUTH THE DIMENSION INDICATED. PAD EXTENSION TO BE 8" DEEP. COORDINATE SPECIFIC LENGTH WITH APPROVED SHOP DRAWINGS.
 - EXISTING CONDUIT ENTRY WINDOW TO REMAIN.
 - PROVIDE #4 REBAR 12" OC EACH WAY WITH 3" CLEAR COVER TO EDGE OF PAD.
 - DRILL REBAR 6" INTO EXISTING PAD AND EPOXY IN PLACE.

4 TRANSFORMER PAD EXTENSION
ES500 NOT TO SCALE

Revisions:	Date:	CONSULTANT Consultant: RING & DUCHATEAU LLP 17400 W. CAPITOL DRIVE BROOKFIELD, WI 53045 (414) 778-1700 	ARCHITECT/ENGINEER OF RECORD A/E: PROJECT LEAD Architect, Structural Engineer, Civil Engineer GUIDON DESIGN GUIDON DESIGN INC. 905 N. CAPITOL AVE., SUITE 100 INDIANAPOLIS, IN 46204 317.905.6388 WWW.GUIDONDESIGN.COM SUSTAINABLE ARCHITECTURE + ENGINEERING	STAMP 	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title ELECTRICAL DETAILS Approved: VA MILWAUKEE	Phase 100% BID SET NON-SPRINKLERED	Project Title INSTALL EMS BUILDING 102 Location MILWAUKEE VAMC Issue Date JULY 24, 2017 Checked MM Drawn MJ	Project Number 695-17-108 Building Number BLDG 102 Drawing Number ES500

