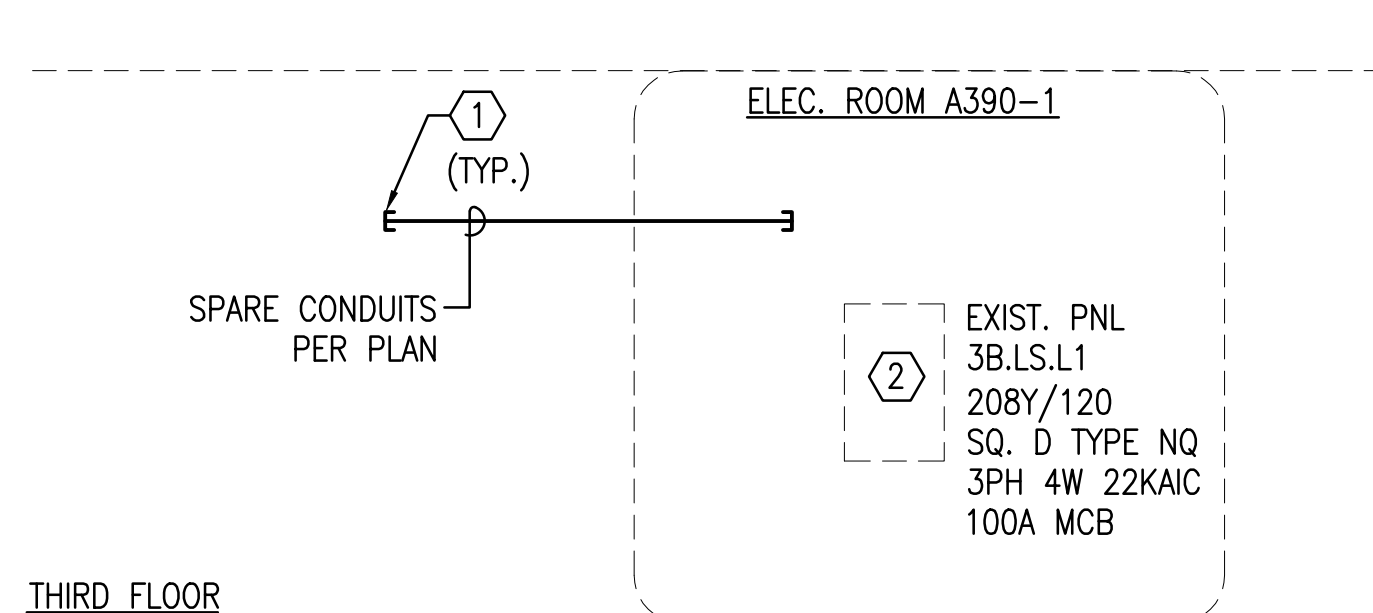


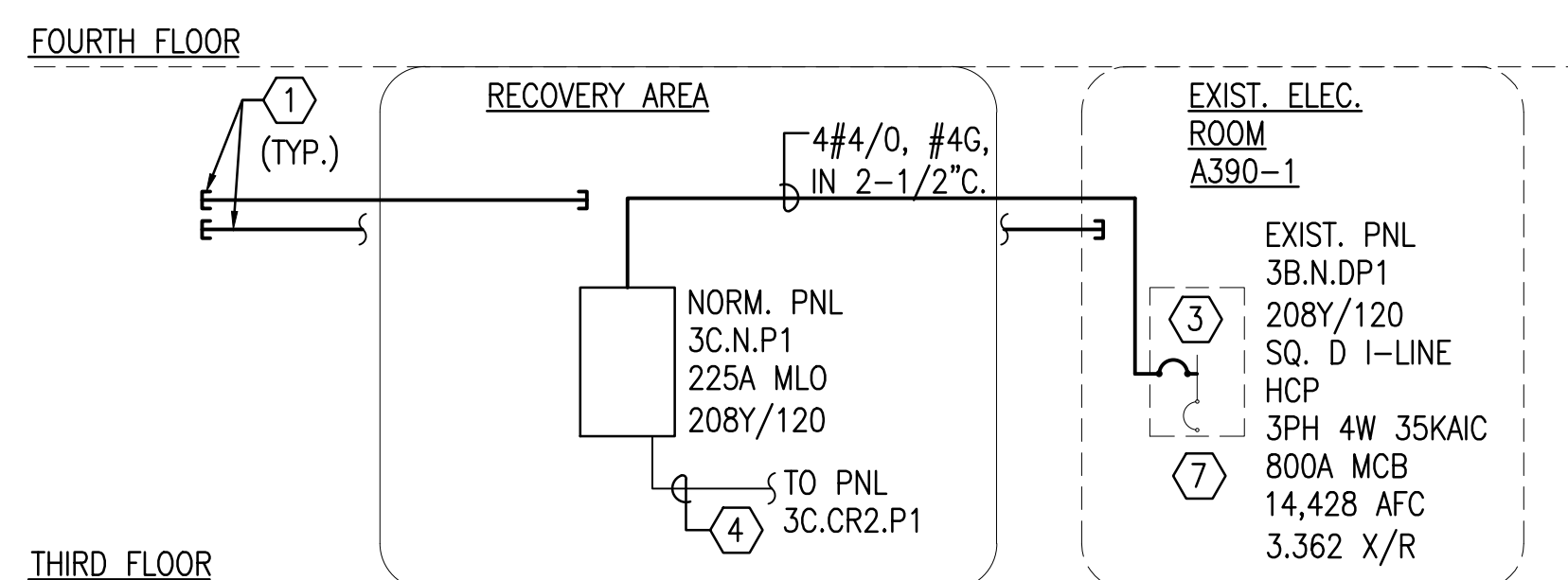
NEW WORK - CRITICAL POWER RISER DIAGRAM

N.T.S.



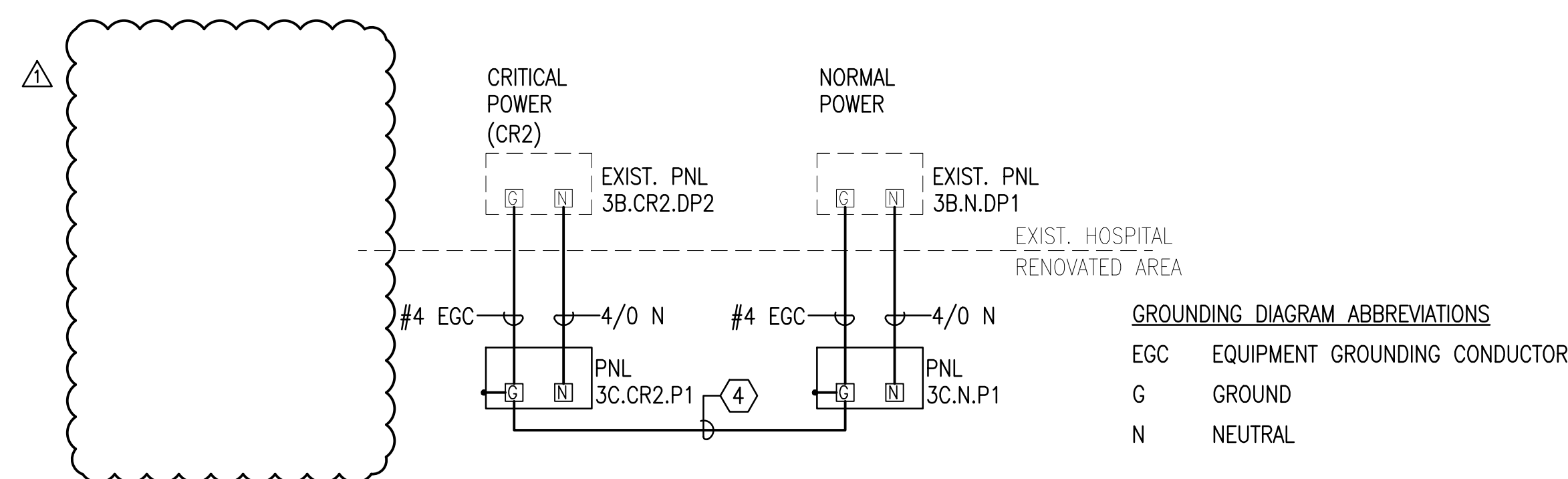
NEW WORK - LIFE SAFETY POWER RISER DIAGRAM

N.T.S.



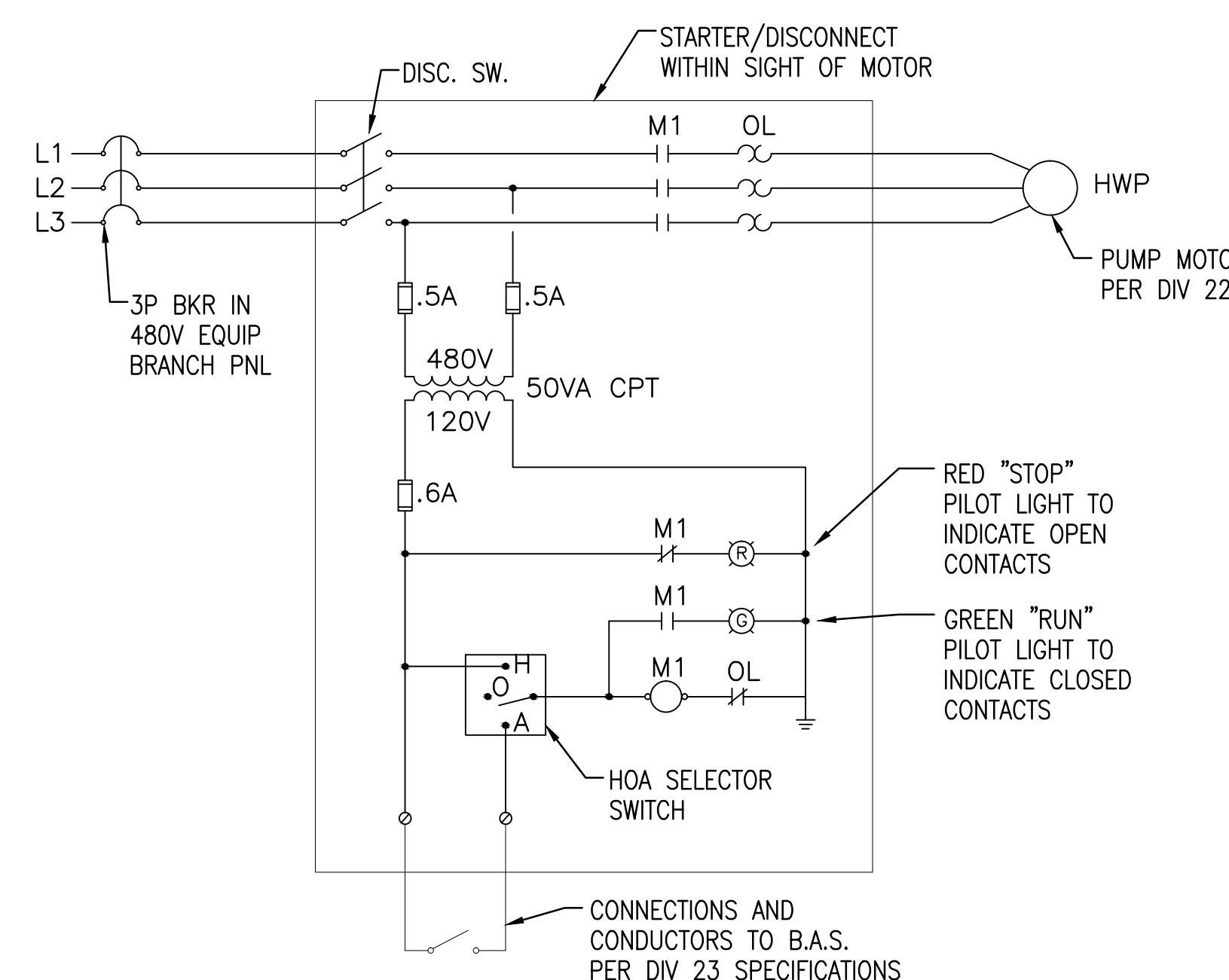
NEW WORK - NORMAL POWER RISER DIAGRAM

N.T.S.



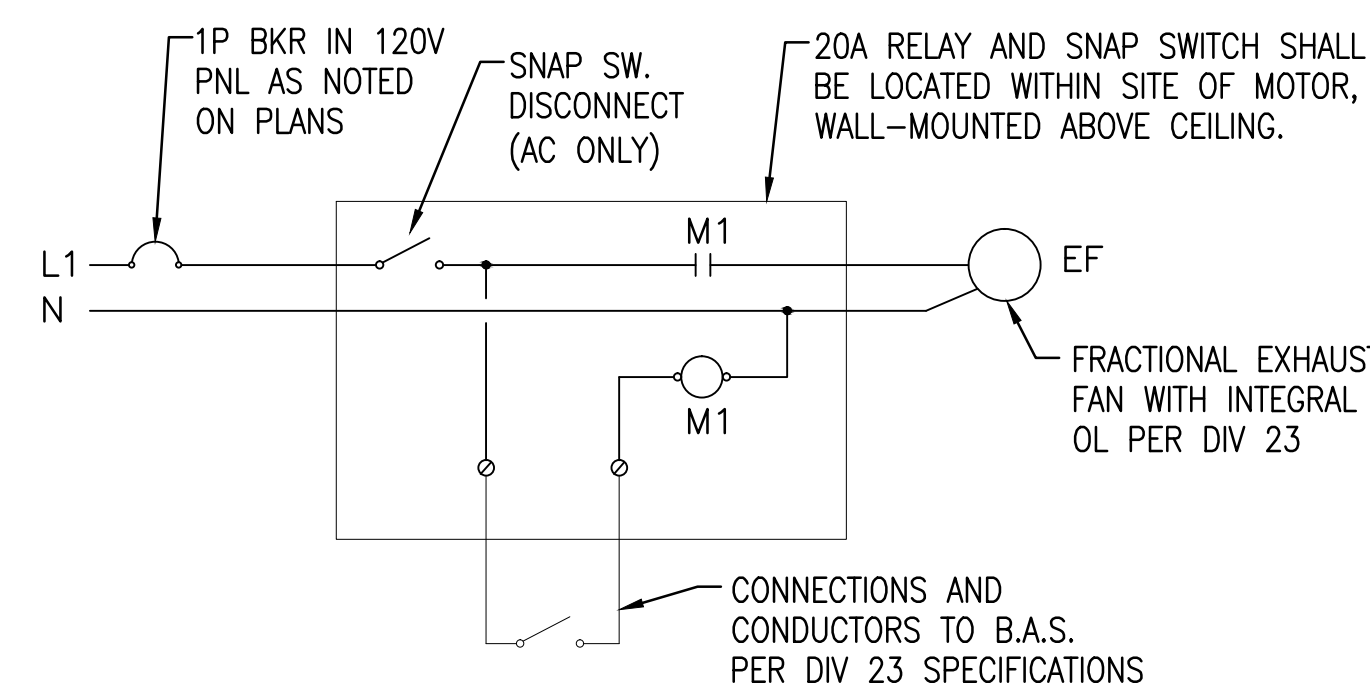
GROUNDING DIAGRAM

N.T.S.



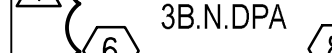
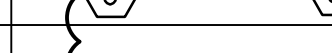
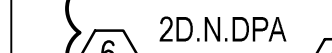
HWP-3C.x TYPICAL STARTER

N.T.S. (TYPICAL FOR HWP-3C.1
AND HWP-3C.2 STARTERS)



EF-53 MOTOR CONTROLLER


N.T.S. (TYPICAL FOR HWP-3C.1
AND HWP-3C.2 STARTERS)

EQUIPMENT SCHEDULE								
MARK	DESCRIPTION	FLA	MOCP	POWER SOURCE	FEEDER AND CONDUIT	VOLTS / PH	DISCONNECT	STARTER
AHU-53	AIR HANDLER (RECOVERY) (10HP MAX)	14	30		3#10, #10G, 3/4"C.	480/3	10HP VFD WITH INTEGRAL DISCONNECT AND BYPASS. SEE SPEC 26 29 11 AND COORD. WITH B.A.S.	
HWP-3C.1	HEATING HOT WATER PUMP (1HP MAX)	2.1	15		3#10, #10G, 3/4"C.	480/3	FVNR, DISC. SW. TYPE, THERMAL OVERLOAD RELAYS, NEMA 3R ENCL., NEMA SIZE 0	
HWP-3C.2	HEATING HOT WATER PUMP (1HP MAX)	2.1	15		3#10, #10G, 3/4"C.	480/3	FVNR, DISC. SW. TYPE, THERMAL OVERLOAD RELAYS, NEMA 3R ENCL., NEMA SIZE 0	
EF-53	EXHAUST FAN (RECOVERY) (1/6HP FRACTIONAL)	<2	20	3C.CR2.P1	2#12, #12G, 3/4"C.	120/1	20A 1P GENERAL AC SNAP SW. WITH LOCKABLE HANDLE GUARD	20A RELAY WITH 120V COI COORD. WITH B.A.S.

NOTE:
BREAKER, RACEWAY, CONDUCTOR, AND DISCONNECT SWITCH SIZES INDICATED IN SCHEDULE ABOVE ARE BASIS OF DESIGN VALUES. EXACT ELECTRICAL EQUIPMENT SIZES AND RATINGS SHALL BE PROVIDED BASED ON THE APPROVED SHOP DRAWINGS AND THE EQUIPMENT MANUFACTURER'S NAMEPLATE M.O.C.P. (MAXIMUM OVERCURRENT PROTECTION) VALUE. TERMINATION LOCATION ON EQUIPMENT SHALL BE BASED ON APPROVED SHOP DRAWINGS. FINAL EQUIPMENT NAMES SHALL BE PROVIDED BY VA; CONTRACTOR SHALL COORDINATE PRIOR TO LABEL CREATION.

EXIST. PNL CHARACTERISTICS (CONTRACTOR TO VERIFY):

- EXIST. PNL 2B.EQ2.PA, 480Y/277V, 3PH 4W, 14KAIC, 300A MLO, SQ D TYPE NF (ICU AREA RM B219-1)
- EXIST. PNL 2D.N.DPA, 480Y/277V, 3PH 4W, 35KAIC, 150A MLO, SQ D TYPE NF (SECOND FLOOR EXTERIOR MECHANICAL SPACE)
- EXIST. PNL 3B.N.DPA, 480Y/277V, 3PH 4W, 65KAIC, 600A MLO, SQ D I-LINE TYPE HCP (RM B390-1)

	ADDENDUM #1 – EQUIP. POWER REVISION	5/29/18
Revisions:		Date

CONSULTANTS:

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ARCHITECT/ENGINEERS:

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COA: FL #26693
AKEA Project No. 094-14

Drawing Title	POWER RISER DIAGRAMS AND EQUIPMENT SCHEDULE
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Approved: Project Director

Project Title	RENOVATE WARD 3C FOR CARDIOLOGY EQUIPMENT INSTALLATION
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Location	GAINESVILLE, FLORIDA
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Project Number	573-CSI-102
Building Number	

	Drawing Number
	EDCO

Office of
Construction
and Facilities
Management



FINAL DESIGN
APPROVED FOR CONSTRUCTION

SHEET NOTES

- A. CONTRACTOR SHALL PROVIDE OVERCURRENT COORDINATION STUDY PRIOR TO SUBMITTAL OF BREAKERS, PANELS, AND RELATED ITEMS. REFER TO SPECIFICATIONS FOR SCOPE OF STUDY. CONTRACTOR DEVELOPMENT OF STUDY REQUIRES FIELD INVESTIGATION TO DETERMINE EXISTING BREAKER AND EQUIPMENT INFORMATION.
- B. DRAWINGS INCLUDE THE FACILITY SHORT CIRCUIT DATA AVAILABLE AT TIME OF FINAL DESIGN. PRIOR TO CONDUCTING OVERCURRENT COORDINATION STUDY, CONTRACTOR SHALL REQUEST FROM VA THE MOST RECENT FACILITY STUDY INFORMATION AVAILABLE (WHICH MAY BE MORE RECENT THAN THE DATA SHOWN ON THE DRAWINGS). CONTRACTOR SHALL USE THE MOST RECENT DATA FOR INPUT VALUES TO THE OVERCURRENT COORDINATION STUDY.
- C. REFER TO E001 REGARDING INVESTIGATIVE SERVICES REQUIRED PRIOR TO MAKING NEW FLOOR PENETRATIONS.

SHEET KEYNOTES

1. SPARE RACEWAY. REFER TO PLANS FOR SPARE RACEWAY SIZES, QUANTITIES, AND TERMINATION LOCATIONS.
2. PROVIDE ONE NEW 20A/1P BREAKER IN EXISTING PANEL FOR EACH NEW CIRCUIT. SEE POWER PLANS.
3. CONNECT TO EXISTING SPARE 225A/250AS Q D TYPE LE BREAKER IN PANEL.
4. PROVIDE #10AWG INSULATED CU CONDUCTOR IN 3/4" C, AND BOND TO EQUIPMENT GROUND TERMINALS IN INDICATED PANELS, PER NEC 517.14.
5. PROVIDE NEW 225A/3P BREAKER IN EXISTING PANEL.
6. PROVIDE NEW BREAKERS IN EXISTING PANEL AS NOTED ON POWER PLANS. REPLACE EXISTING PANEL SCHEDULE WITH NEW TYPE WRITTEN PANEL SCHEDULE.
7. CONTRACTOR SHALL OBTAIN EXISTING EQUIPMENT INFORMATION, EXISTING MAIN BREAKER MODEL, AND EXISTING ADJUSTABLE SETTINGS. INCOMPLETE OVERCURRENT STUDY WILL NOT BE REVIEWED.
8. CONTRACTOR SHALL FIELD COORDINATE RACEWAY ROUTING (TYPICAL FOR ALL RACEWAY LESS THAN 2" TRADE SIZE). CONTRACTOR SHALL ACCOMMODATE EXPANSION JOINT CROSSINGS AS DETAILED AND SPECIFIED.