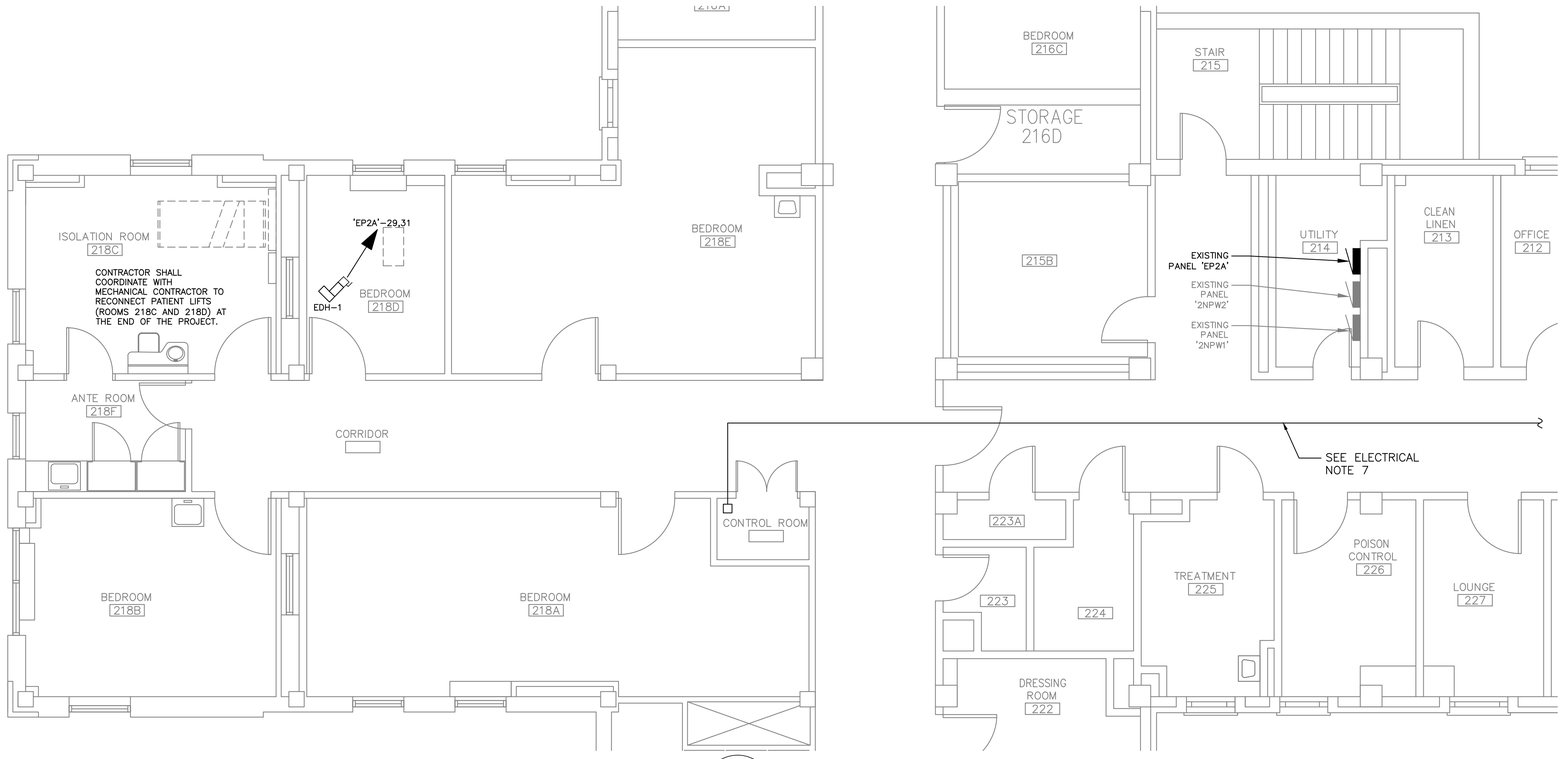
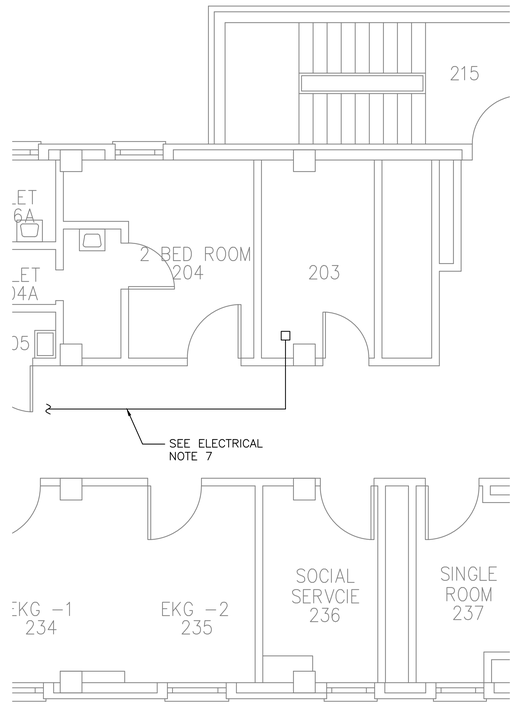
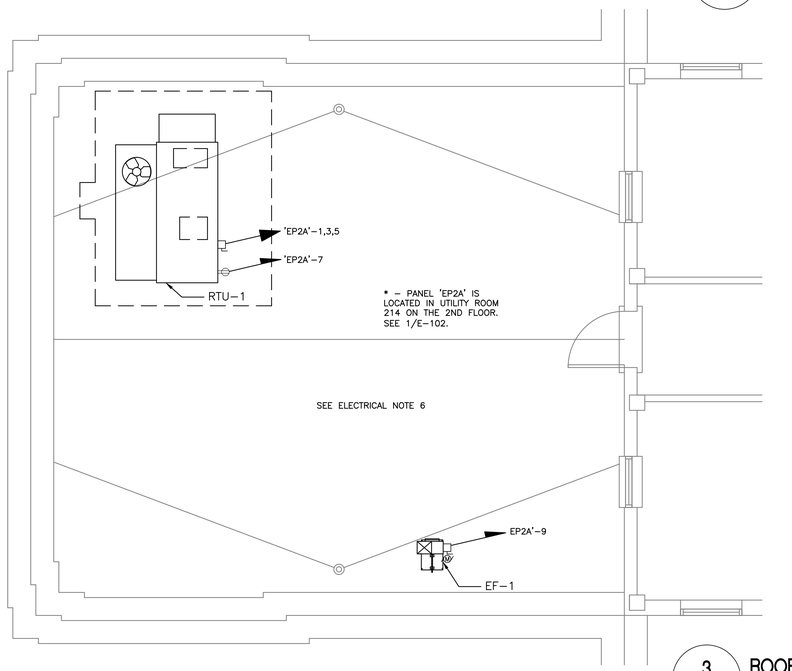


1 E-102 PARTIAL 2ND FLOOR POWER PLAN
SCALE: 1/4" = 1'-0"



2 E-102 PARTIAL 2ND FLOOR POWER PLAN
SCALE: 1/4" = 1'-0"



3 E-102 ROOF POWER PLAN
SCALE: 1/4" = 1'-0"

ELECTRICAL NOTES:

1. ALL CONDUCTORS SHALL BE 2-12 AWG, 1-12 AWG EG IN 3/4" EMT UNLESS NOTED OTHERWISE.
2. VERIFY LOCATION OF MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS.
3. CONTRACTOR SHALL FIELD VERIFY EXISTING CIRCUITS BEFORE REUSING.
4. ALL WORK MUST BE DONE IN ACCORDANCE WITH THE COATESVILLE VA MEDICAL CENTER'S INFECTION CONTROL PROGRAM. SEE SPECIFICATION 01 00 00, SECTION 1.7.
5. CONSTRUCTION DEBRIS SHALL BE HANDLED AS NOTED IN THE APPLICABLE SPECIFICATION SECTIONS. IN ADDITION CONTRACTOR SHALL INSURE THAT DURING REMOVAL DEBRIS IS PROPERLY SECURED, COMPLETELY ENCASED IN A CART, AND WRAPPED IN PLASTIC TO PREVENT SPILLAGE.
6. ALL ELECTRICAL EQUIPMENT LOCATED ON THE ROOF SHALL BE WEATHER PROOF.
7. PROVIDE 3/4" CONDUIT FROM TELEPHONE ROOM 203 TO CONTROL ROOM WITH A PULL BOX ON EACH END. PULL QTY (4) CAT 5E CABLES IN THE CONDUIT WITH 20'-0" OF LENGTH AVAILABLE ON EACH END.

EQUIPMENT CONDUCTOR SCHEDULE

TAG	VOLTAGE	MCA/HP/KW	DISCONNECT (SIZE & TYPE)	MOCP	CONDUCTORS	NEUTRAL	EG	CONDUIT
RTU-1	208V/3ø	76.9 MCA	100A NEMA 3R	3P-80	3-4 AWG	--	8 AWG	1"
EF-1	120V/1ø	3/4 HP	30A NEMA 3R	1P-20	1-12 AWG	12 AWG	12 AWG	3/4"
EDH-1	208V/1ø	2.5 KW	UNIT MOUNTED	2P-20	2-12 AWG	--	12 AWG	3/4"

3 E-102 KEY PLAN
SCALE: NTS

N

FINAL CONSTRUCTION DOCUMENTS

Revisions:	Date

ARCHITECT/ENGINEERS:

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Apogee Project # 2010 185

Professional Stamp/Seal

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
CHARLES G. SOWDERS III
ENGINEER
PE-2003
6/14/11

Drawing Title: ELECTRICAL POWER PLAN

Approved: Project Director

Project Title: Department of Veterans Affairs
Replace HVAC System Building One - TB Unit

Location: Coatesville, PA

Date: June 14th, 2011

Checked: JWM

Project Number: 542-11-106

Building Number: Building 1

Drawing Number: E-102
Dwg. 10 of 12

Office of Construction and Facilities Management

Coatesville VA Medical Center

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