

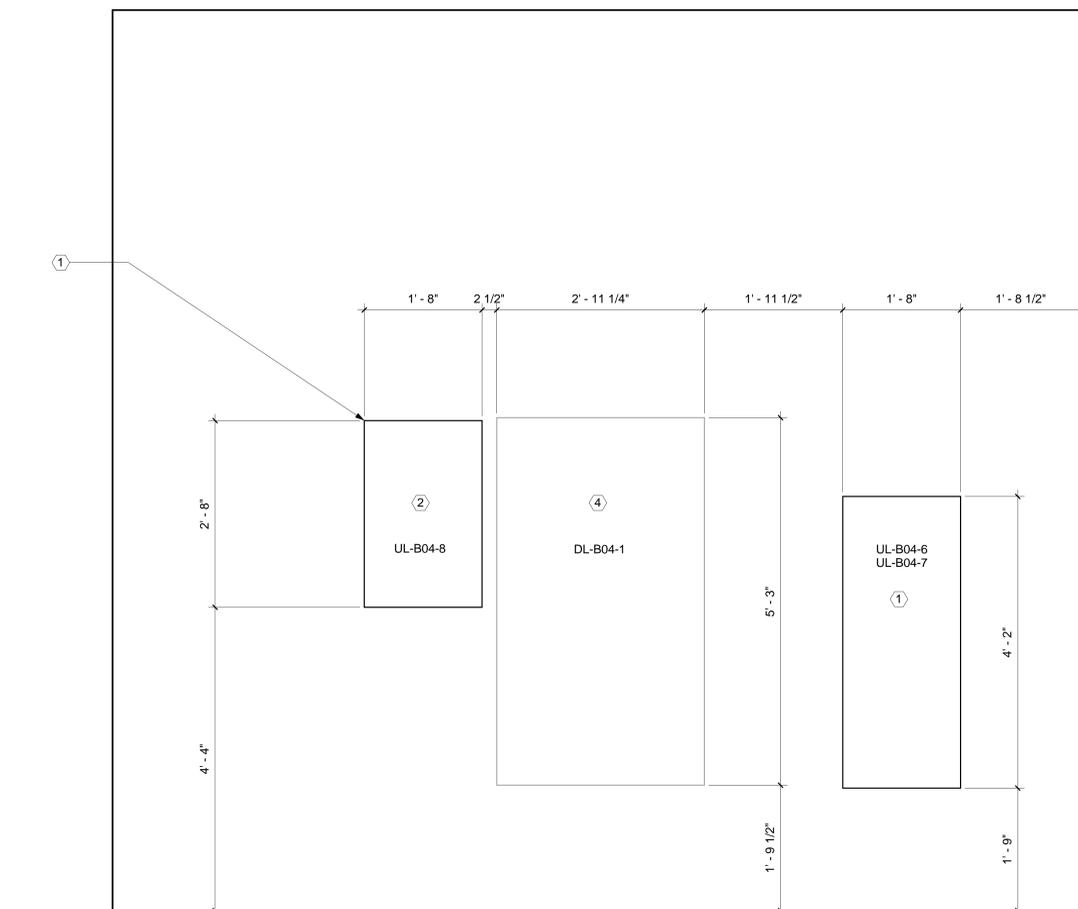
**GENERAL NOTES**

- REFER TO ARCHITECTURAL CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION.
- REFER TO DRAWING E-704 FOR NEW TRANSFORMER SCHEDULE AND RELATED WORK.
- REFER TO SPECIFICATION, VOLUME 2, APPENDIX A - PHOTO DOCUMENTATION - EXISTING DISTRIBUTION PANELBOARDS.
- REFER TO SPECIFICATION, VOLUME 2, APPENDIX B - PHOTO DOCUMENTATION - EXISTING ELECTRICAL CLOSETS.
- REFER TO SPECIFICATION, VOLUME 2, APPENDIX C - NEW PANELBOARD SCHEDULES.

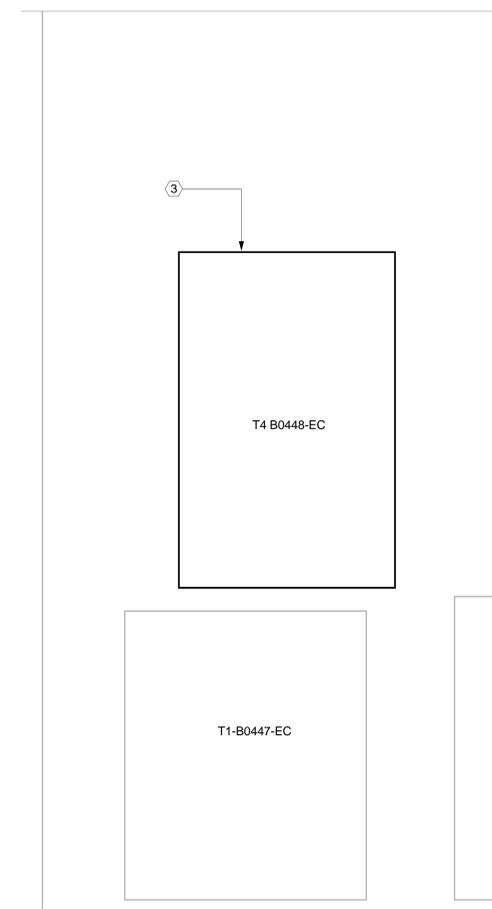
**ELECTRICAL KEYED NOTES**

- UL-B04-6 UL-B04-7: PROVIDE REPLACEMENT PANELBOARD, 84 CIRCUIT BOARD PANEL.
- UL-B04-8/SUB-PANEL 1: PROVIDE REPLACEMENT PANELBOARD, 30 CIRCUIT PANEL BOARD.
- TRANSFORMER T-4 B0448 EC: PROVIDE NEW TRANSFORMER 300 KVA AND ASSOCIATED COMPONENTS IN NEW LOCATION/ROOM.
- DL-B04-1: EXISTING DISTRIBUTION PANELBOARD IS SCHEDULED TO BE RETROFITTED. PROVIDE BREAKERS: 3/300 AMP, 2/225 AMP, 1/150 AMP AND 1/400 AMP.
- EXISTING PANELBOARD UH-B04-9 IS SCHEDULED TO REMAIN.
- PROVIDE EMERGENCY/DISCONNECT SWITCH AND DEMOLITION CONDUITS AND POWER WIRING FROM TRANSFORMER INDICATED.
- INFILL ABANDONED HOLES AT CONCRETE MASONRY WALL FACES WITH SPECIFIED SEALANT SYSTEMS. EXISTING METAL FRAMING CHANNELS WHICH SUPPORT EXISTING CONDUITS NOT SCHEDULED TO BE REMOVED SHALL REMAIN IN PLACE.
- EXISTING STEEL ACCESS DOOR TO PIPE BASEMENT BELOW IS SCHEDULED TO REMAIN. CONTRACTOR SHALL PROTECT DURING CONSTRUCTION ACTIVITIES.

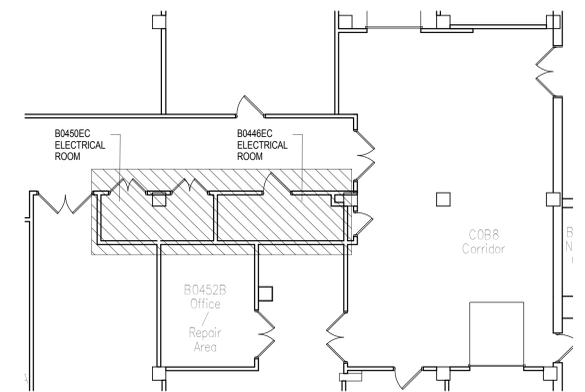
**1 BASEMENT LEVEL - B0446 EC, B0448 EC, B0450 EC - CONSTRUCTION PLAN**  
1" = 1'-0"



**A B0450 EC - CONSTRUCTION ELEVATION A**  
1" = 1'-0"



**B B0446 EC - CONSTRUCTION ELEVATION B**  
1" = 1'-0"



**2 KEY PLAN B0446 EC**  
NOT TO SCALE

**B0450 EC B0446 EC**

VA CONTRACT NO. VA69D-15-J-1908

Revisions:	Date
FINAL CONSTRUCTION DOCUMENT BID SET	01/13/2017
95% CONSTRUCTION DOCUMENT SUBMITTAL	10/13/2016
65% CONSTRUCTION DOCUMENT SUBMITTAL	08/02/2016
35% SCHEMATIC DESIGN SUBMITTAL	04/28/2016

CONSULTANTS:	

ARCHITECT/ENGINEERS:



Drawing Title  
**ROOM B0446 EC - ELECTRICAL CONSTRUCTION PLAN**

Approved: Project Director  
-  
VAPAHCS PLANNING AND ENGINEERING

Project Title  
**UPGRADE W PANELS**

Location  
5000 W. NATIONAL AVE.  
MILWAUKEE, WI 53295

Date  
01/13/2017

Checked  
LF

Drawn  
AG AB EM

Project Number  
695-16-108

Building Number  
111

Drawing Number  
**E-102**

Office of  
Construction  
and Facilities  
Management



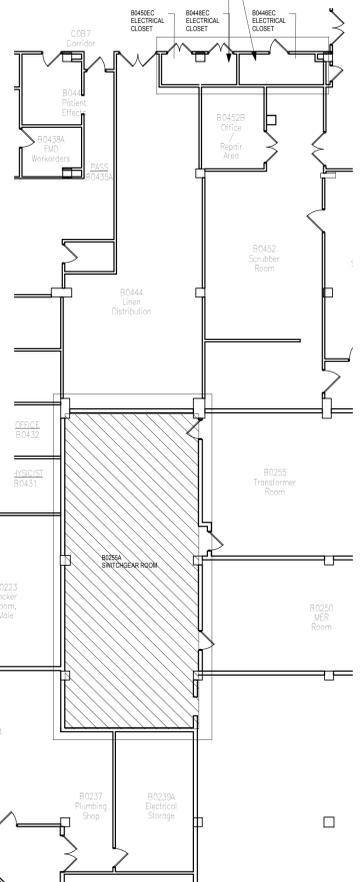


**GENERAL NOTES**

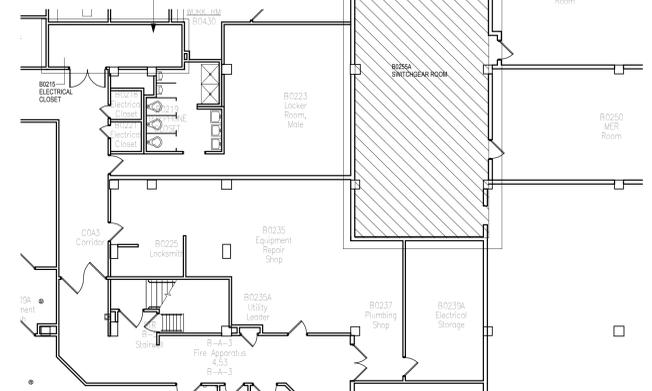
- REFER TO ARCHITECTURAL CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION.
- REFER TO DRAWING E-704 FOR NEW TRANSFORMER SCHEDULE AND RELATED WORK.
- REFER TO SPECIFICATION, VOLUME 2, APPENDIX A - PHOTO DOCUMENTATION - EXISTING DISTRIBUTION PANELBOARDS.
- REFER TO SPECIFICATION, VOLUME 2, APPENDIX B - PHOTO DOCUMENTATION - EXISTING ELECTRICAL CLOSETS.
- REFER TO SPECIFICATION, VOLUME 2, APPENDIX C - NEW PANELBOARD SCHEDULES.

**ELECTRICAL KEYED NOTES**

REFER TO DRAWINGS ED-102, E-102 AND E-102A FOR FLOOR PLANS AND RELATED WORK



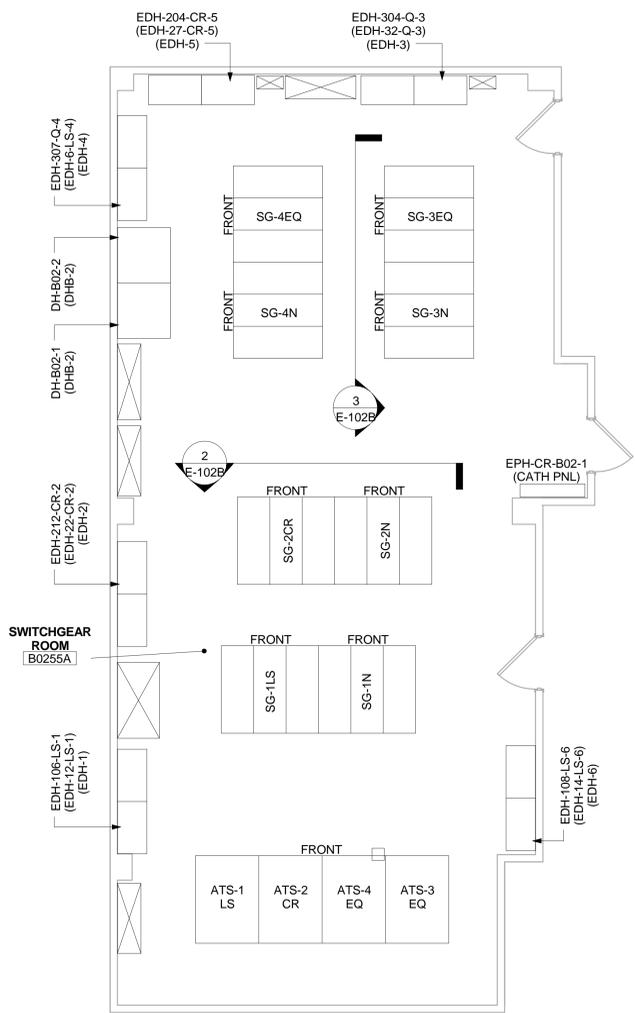
REFER TO DRAWINGS ED-101 AND E-101 FOR FLOOR PLANS AND RELATED WORK



**4 KEY PLAN B0255A**  
NOT TO SCALE

**B0255A**

Office of  
Construction  
and Facilities  
Management



**1 BASEMENT LEVEL - SWITCHGEAR ROOM B0255A - CONSTRUCTION PLAN**

1/4" = 1'-0"

	VENT	VENT	VENT	VENT	VENT	VENT	VENT
A	PROVISIONS 1600AF	PROVISIONS 1600AF	PROVISIONS 1600AF	PROVISIONS 1600AF	PROVISIONS 1600AF	PROVISIONS 1600AF	PROVISIONS 1600AF
B	EDH-204-CR-5 (EDH-27-CR-5) (EDH-5) 1600AF 1600AT	EDH-204-CR-5 (EDH-27-CR-5) (EDH-5) 1600AF 1600AT	TIE 2000AF 2000AT	MAIN 2000A	2000AF 1200AT	TIE 2000AF 1200AT	MAIN 2000A
C	PORTABLE GENERATOR CONNECTION	PORTABLE GENERATOR CONNECTION	TEMP/EM 1600AF 800AT	EPH-CR-B02-1 (CARDIAC CATH) 1600AF 800AT	ATS-2CR 2000AF 2000AT	ATS-2CR 2000AF 2000AT	DH-B01-1 (DH-A) 1600AF 1600AT
D	PORTABLE GENERATOR CONNECTION	PORTABLE GENERATOR CONNECTION	PROVISIONS 1600AF	EDH-212-CR-2 (EDH-22-CR-2) (EDH-2) 1600AF 1000AT	TEMP/N 1600AF 800AT	TEMP/N 1600AF 800AT	PROVISIONS 1600AF
	22	22	22	22	22	22	22
	CRITICAL			NORMAL			

FRONT VIEW

**2 EXISTING SWITCHGEAR - SG-2N & SG-2CR FRONT ELEVATION**

NOT TO SCALE

	VENT	VENT	VENT	VENT	VENT	VENT	VENT
A	PROVISIONS 1600AF	PROVISIONS 1600AF	PROVISIONS 1600AF	PROVISIONS 1600AF	PROVISIONS 1600AF	PROVISIONS 1600AF	PROVISIONS 1600AF
B	EDH-304-Q-3 (EDH-32-Q-3) (EDH-3) 1600AF 1600AT	TIE 2000AF 2000AT	MAIN 2000A	2000AF 1200AT	TIE 2000AF 1200AT	MAIN 2000A	2000AF 1200AT
C	EDH-307-Q-4 (EDH-16-LS-4) (EDH-4) 1600AF 1600AT	PORTABLE GENERATOR CONNECTION	EPH-Q-B06-1 (EP-2) 1600AF 1000AT	ATS-3EQ 2000AF 2000AT	PROVISIONS 1600AF	PROVISIONS 1600AF	PROVISIONS 1600AF
D	PROVISIONS 1600AF	PORTABLE GENERATOR CONNECTION	PROVISIONS 1600AF	DH-B02-1 (DH-B) 1600AF 1000AT	PROVISIONS 1600AF	PROVISIONS 1600AF	PROVISIONS 1600AF
	22	22	22	22	22	22	22
	CRITICAL			NORMAL			

FRONT VIEW

**3 EXISTING SWITCHGEAR - SG-3EQ & SG-3N FRONT ELEVATION**

NOT TO SCALE



**1 PLAN NORTH**

1/4" = 1'-0"

99" LIFTER CLEARANCE  
96" VENT BOX TOP  
92" SWITCHGEAR TOP

96" VENT BOX TOP  
92" SWITCHGEAR TOP

PLAN NORTH

4 KEY PLAN B0255A

NOT TO SCALE

B0255A

Office of Construction and Facilities Management

Department of Veterans Affairs

CONSULTANTS:

ARCHITECT/ENGINEERS:

700 Nicholas Blvd, Suite 300  
Eik Grove Village, IL 60007  
T:847.952.9362 F:847.952.9403  
Bancroft AE No. 14-101

Drawing Title  
ROOM B0255A - SWITCHBOARD ROOM  
CONSTRUCTION PLAN

Project Title  
UPGRADE W PANELS

Project Number  
695-16-108

Building Number  
111

Approved: Project Director  
-  
VAPAHCS PLANNING AND ENGINEERING

Location  
5000 W. NATIONAL AVE.  
MILWAUKEE, WI 53295

Date  
01/13/2017

Checked  
LF

Drawn  
AG AB EM

Drawing Number  
E-102B

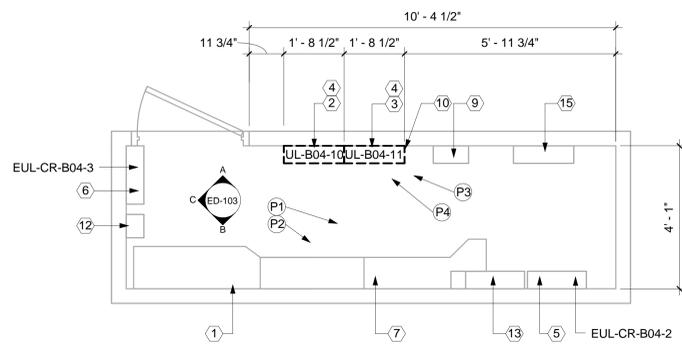
VA CONTRACT NO. VA69D-15-J-1908

FINAL CONSTRUCTION DOCUMENT BID SET 01/13/2017  
95% CONSTRUCTION DOCUMENT SUBMITTAL 10/13/2016  
65% CONSTRUCTION DOCUMENT SUBMITTAL 08/02/2016  
35% SCHEMATIC DESIGN SUBMITTAL 04/28/2016

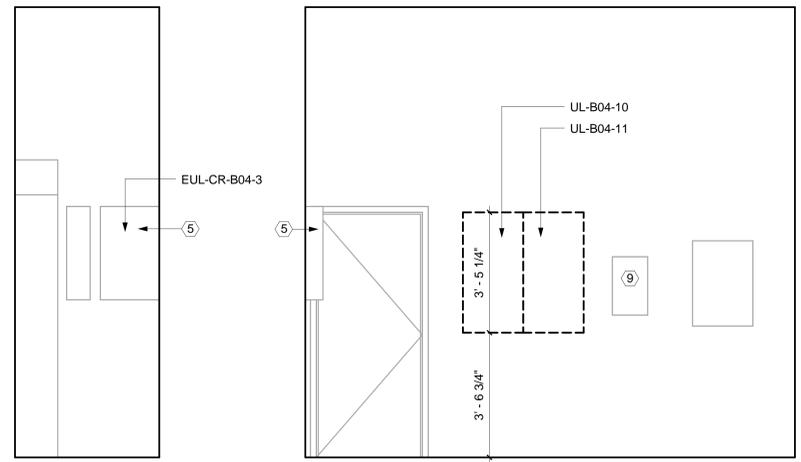
Revisions: Date

VA FORM 08-6231

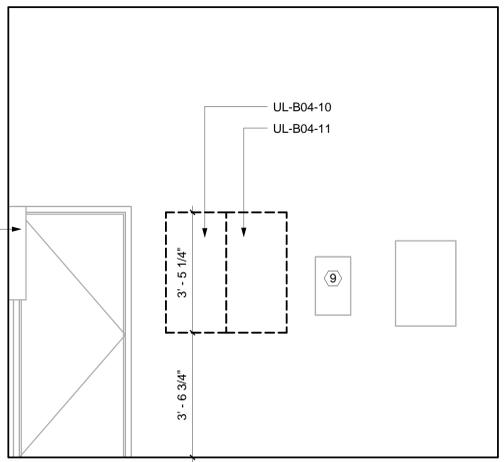
FINAL CONSTRUCTION DOCUMENT (CD) BID SET



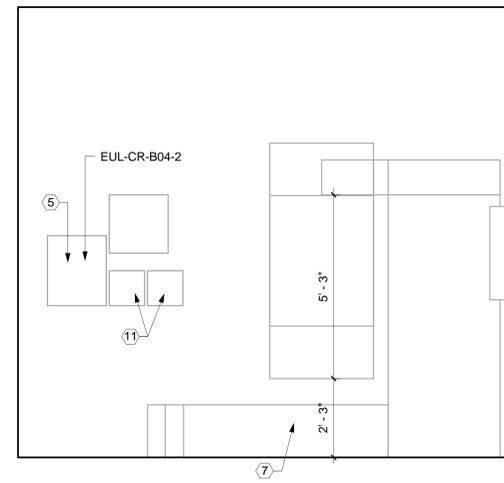
**1 BASEMENT LEVEL - B0460 EC - DEMOLITION PLAN**  
1/2" = 1'-0"



**C B0460 EC - DEMOLITION ELEVATION C**  
1/2" = 1'-0"



**A B0460 EC - DEMOLITION ELEVATION A**  
1/2" = 1'-0"



**B B0460 EC - DEMOLITION ELEVATION B**  
1/2" = 1'-0"



**P1 B0460 EC - PHOTO 1**  
NOT TO SCALE



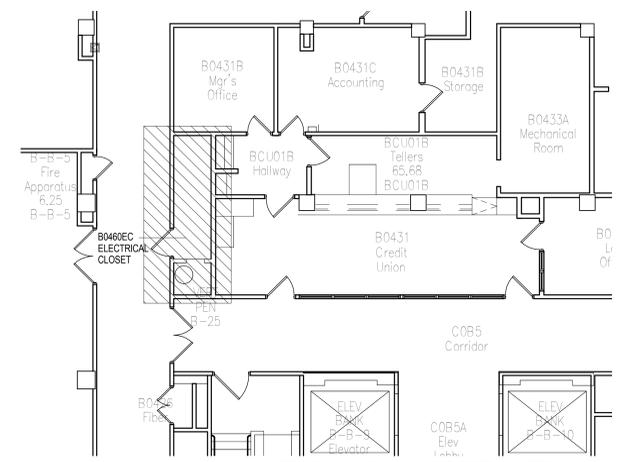
**P2 B0460 EC - PHOTO 2**  
NOT TO SCALE



**P3 B0460 EC - PHOTO 3**  
NOT TO SCALE



**P4 B0460 EC - PHOTO 4**  
NOT TO SCALE



**2 KEY PLAN B0460 EC DEMOLITION**  
NOT TO SCALE

**GENERAL NOTES**

- REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR NOTES REGARDING SPECIFIED DEMOLITION WORK.
- REFER TO SPECIFICATIONS, VOLUME 2, APPENDIX A - PHOTO DOCUMENTATION - EXISTING DISTRIBUTION PANELBOARDS.
- REFER TO SPECIFICATIONS, VOLUME 2, APPENDIX B - PHOTO DOCUMENTATION - EXISTING ELECTRICAL CLOSETS FOR INTERIOR PHOTOS OF EXISTING PANELBOARDS.
- REFER TO DRAWING E-704 FOR CONSTRUCTION PHASING NOTES FOR TRANSFORMER REPLACEMENT SCOPE OF WORK AND SEQUENCE.
- REFER TO DRAWING G-002 FOR GENERAL CONSTRUCTION PHASING NOTES, FIRE AND SAFETY NOTES AND GENERAL INFECTION CONTROL NOTES.
- REFER TO DRAWING ED-601 FOR TYPICAL PANELBOARD DEMOTION DETAILS.

**(X) ELECTRICAL KEYED NOTES**

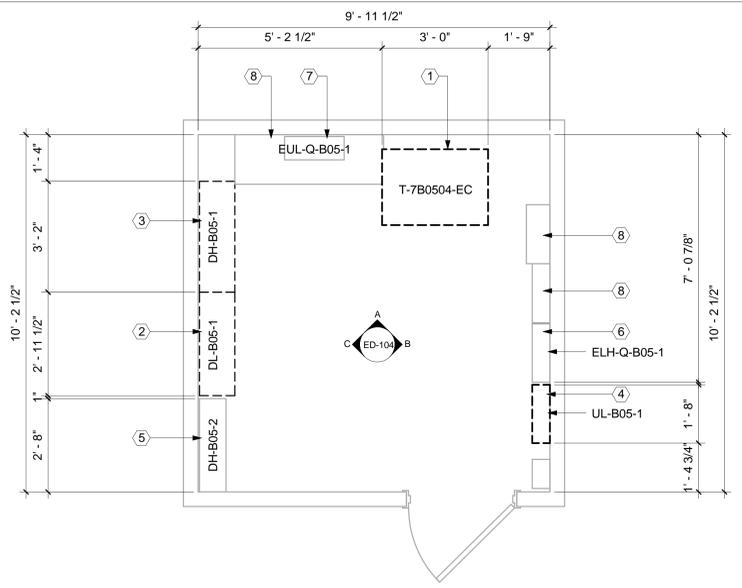
- EXISTING TRANSFORMER EMERGENCY ET-3 IS SCHEDULED TO REMAIN.
- EXISTING PANELBOARD UL-B04-10 TO BE DEMOLISHED, PANELBOARD IS 12 CIRCUIT PANELBOARD. DISCONNECT FEEDER CABLE AND RESPECTIVE CONDUITS. DISCONNECT BRANCH CIRCUIT WIRING AND CONDUITS. REPLACEMENT PANELBOARD WILL BE LOCATED IN EXISTING ELECTRICAL CLOSET B0301.
- EXISTING PANELBOARD UL-B04-11 TO BE DEMOLISHED, PANELBOARD IS 42 CIRCUIT PANELBOARD. DISCONNECT EXISTING FEEDER CABLE AND RESPECTIVE CONDUITS. DISCONNECT BRANCH WIRING CIRCUITS AND CONDUITS. REMOVE DUPLEX OUTLET AT PANELBOARD BOTTOM LOCATION. REPLACEMENT PANELBOARD WILL BE LOCATED IN EXISTING ELECTRICAL CLOSET B0301.
- EXISTING PANELBOARD UL-B04-10 AND UL-B04-11 ARE SCHEDULED TO BE COMBINED INTO ONE NEW 84 CIRCUIT PANELBOARD.
- EXISTING PANELBOARD EUL-CR-B04-2 IS SCHEDULED TO REMAIN.
- EXISTING PANELBOARD EUL-CR-B04-3 IS SCHEDULED TO REMAIN.
- EXISTING METAL RACEWAY/PULL BOX AT FLOOR LINE IS SCHEDULED TO REMAIN.
- EXISTING WALL MOUNTED TEMPERATURE CONTROL PANEL IS SCHEDULED TO REMAIN.
- EXISTING FEDERAL SIGNAL CORPORATION AUTOCALL CONTROL PANEL/BOX IS SCHEDULED TO REMAIN.
- DEMOLISH EXISTING METAL WALL BRACKETS AT PANELBOARDS SCHEDULED TO BE REMOVED.
- EXISTING WALL MOUNTED FIRE MONITOR CONTROL PANELS ARE SCHEDULED TO REMAIN.
- EXISTING CIRCUIT BREAKER DISCONNECT ECRT-3 B0460 IS SCHEDULED TO REMAIN.
- EXISTING OVERHEAD SUSPENDED ABANDONED SANITARY WASTE PIPING SHALL BE REMOVED.
- REFER TO DRAWING ED-601 FOR DEMOLITION DETAIL OF TYPICAL EXISTING PANELBOARDS.
- EXISTING JOHNSON CONTROLS EQUIPMENT PANEL SCHEDULED TO REMAIN.
- REFER TO SPECIFICATIONS, VOLUME 2, APPENDIX B - PHOTO DOCUMENTATION - EXISTING ELECTRICAL CLOSETS FOR INTERIOR PHOTOS OF EXISTING PANELBOARDS.

**B0460 EC**

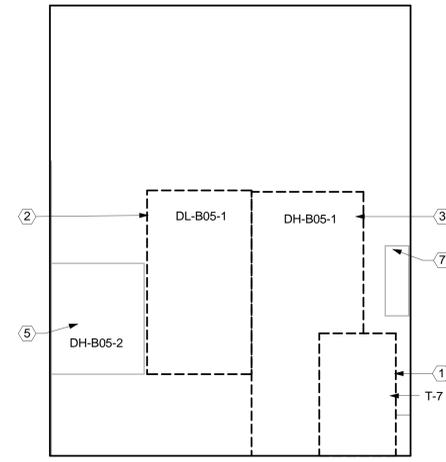
VA CONTRACT NO. VA69D-15-J-1908 CONSULTANTS: FINAL CONSTRUCTION DOCUMENT BID SET 01/13/2017 95% CONSTRUCTION DOCUMENT SUBMITTAL 10/13/2016 65% CONSTRUCTION DOCUMENT SUBMITTAL 08/02/2016 35% SCHEMATIC DESIGN SUBMITTAL 04/28/2016 Revisions: _____ Date _____		ARCHITECT/ENGINEERS:  BANCROFT ARCHITECTS + ENGINEERS www.bancroft-ae.com 700 Nicholas Blvd. Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362 F: 847.952.9403 Bancroft AE No. 14-101		Drawing Title <b>ROOM B0460 EC - ELECTRICAL DEMOLITION PLAN</b> Approved: Project Director - VAPAHCS PLANNING AND ENGINEERING		Project Title <b>UPGRADE W PANELS</b> Project Number 695-16-108 Building Number 111 Drawing Number <b>ED-103</b>		Location 5000 W. NATIONAL AVE. MILWAUKEE, WI 53295 Date 01/13/2017 Checked LF Drawn AG AB EM		Office of Construction and Facilities Management 	
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three eighths inch = one foot  
 one eighth inch = one foot  
 one quarter inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 one inch = one foot  
 one and one half inches = one foot  
 three inches = one foot  
 six inches = one foot  
 one foot = one foot  
 one and one half feet = one foot  
 two feet = one foot  
 three feet = one foot  
 four feet = one foot  
 five feet = one foot  
 six feet = one foot  
 seven feet = one foot  
 eight feet = one foot  
 nine feet = one foot  
 ten feet = one foot  
 eleven feet = one foot  
 twelve feet = one foot  
 thirteen feet = one foot  
 fourteen feet = one foot  
 fifteen feet = one foot  
 sixteen feet = one foot  
 one eighth inch = one foot  
 one quarter inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 one inch = one foot  
 one and one half inches = one foot  
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 sixteen feet = one foot

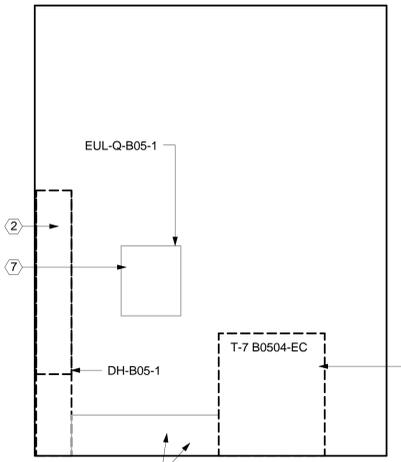




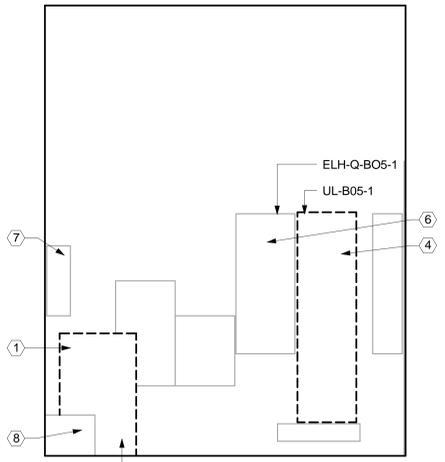
**1 BASEMENT LEVEL - B0504 EC - DEMOLITION PLAN**  
 1/2" = 1'-0"  
 PLAN NORTH



**C B0504 EC - DEMOLITION ELEVATION C**  
 1/2" = 1'-0"



**A B0504 EC - DEMOLITION ELEVATION A**  
 1/2" = 1'-0"



**B B0504 EC - DEMOLITION ELEVATION B**  
 1/2" = 1'-0"



**P1 B0504 EC - PHOTO 1**  
 NOT TO SCALE



**P2 B0504 EC - PHOTO 2**  
 NOT TO SCALE



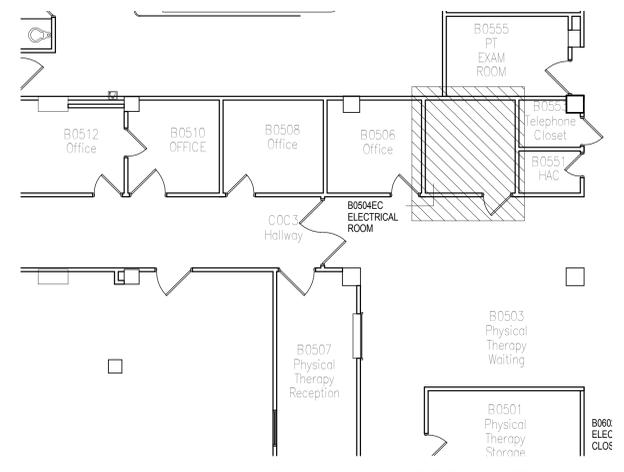
**P4 B0504 EC - PHOTO 4**  
 NOT TO SCALE



**P5 B0504 EC - PHOTO 5**  
 NOT TO SCALE



**P3 B0504 EC - PHOTO 3**  
 NOT TO SCALE



**2 KEY PLAN B0504 EC DEMOLITION**  
 NOT TO SCALE  
 PLAN NORTH

**GENERAL NOTES**

- REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR NOTES REGARDING SPECIFIED DEMOLITION WORK.
- REFER TO SPECIFICATIONS, VOLUME 2, APPENDIX A - PHOTO DOCUMENTATION - EXISTING DISTRIBUTION PANELBOARDS.
- REFER TO SPECIFICATIONS, VOLUME 2, APPENDIX B - PHOTO DOCUMENTATION - EXISTING ELECTRICAL CLOSETS FOR INTERIOR PHOTOS OF EXISTING PANELBOARDS.
- REFER TO DRAWING E-704 FOR CONSTRUCTION PHASING NOTES FOR TRANSFORMER REPLACEMENT SCOPE OF WORK AND SEQUENCE.
- REFER TO DRAWING G-002 FOR GENERAL CONSTRUCTION PHASING NOTES, FIRE AND SAFETY NOTES AND GENERAL INFECTION CONTROL NOTES.
- REFER TO DRAWING ED-601 FOR TYPICAL PANELBOARD DEMOTION DETAILS.

**ELECTRICAL KEYED NOTES**

- EXISTING TRANSFORMER T-7 B0504-EC TO BE DEMOLISHED. NEW TRANSFORMER SHALL BE LOCATED AT SAME LOCATION AS EXISTING. DISCONNECT METAL RACEWAY AT TRANSFORMER UNIT.
- EXISTING DISTRIBUTION PANEL DH-B05-1 IS SCHEDULED TO BE RETROFITTED WITH NEW CIRCUIT BREAKER SWITCHES. REFER TO DISTRIBUTION PANELBOARD SCHEDULE FOR LISTING OF RESPECTIVE REPLACEMENT SWITCHES.
- EXISTING DISTRIBUTION PANEL DL-B05-1 IS SCHEDULED TO BE RETROFITTED WITH NEW CIRCUIT BREAKER SWITCHES. REFER TO DISTRIBUTION PANELBOARD SCHEDULE FOR LISTING OF RESPECTIVE REPLACEMENT SWITCHES.
- EXISTING PANELBOARD UL-B05-1 TO BE DEMOLISHED. DISCONNECT FEEDER CABLES AND RESPECTIVE CONDUITS. DISCONNECT BRANCH CIRCUIT WIRING. PANELBOARD IS 42 CIRCUIT PANELBOARD.
- EXISTING DISTRIBUTION PANELBOARD DH-B05-2 IS SCHEDULED TO REMAIN.
- EXISTING PANELBOARD ELH-Q-B05-1 IS SCHEDULED TO REMAIN.
- EXISTING PANELBOARD EUL-Q-B05-1 IS SCHEDULED TO REMAIN.
- EXISTING METAL RACEWAY/PULL BOXES ARE SCHEDULED TO REMAIN.

**B0504 EC**

VA CONTRACT NO. VA69D-15-J-1908

Revisions:	Date
FINAL CONSTRUCTION DOCUMENT BID SET	01/13/2017
95% CONSTRUCTION DOCUMENT SUBMITTAL	10/13/2016
65% CONSTRUCTION DOCUMENT SUBMITTAL	08/02/2016
35% SCHEMATIC DESIGN SUBMITTAL	04/28/2016

CONSULTANTS:

ARCHITECT/ENGINEERS:  
**Bancroft**  
 BANCROFT ARCHITECTS + ENGINEERS  
 www.bancroft-ae.com  
 700 Nicholas Blvd, Suite 300  
 Elk Grove Village, IL 60007  
 T:847.952.9362 F:847.952.9403  
 Bancroft AE No. 14-101

Drawing Title  
**ROOM B0504 EC - ELECTRICAL DEMOLITION PLAN**  
 Approved: Project Director  
 VAPAHCs PLANNING AND ENGINEERING

Project Title  
**UPGRADE W PANELS**  
 Location  
 5000 W. NATIONAL AVE.  
 MILWAUKEE, WI 53295  
 Date  
 01/13/2017  
 Checked  
 LF  
 Drawn  
 AG AB EM

Project Number  
 695-16-108  
 Building Number  
 111  
 Drawing Number  
**ED-104**

Office of  
 Construction  
 and Facilities  
 Management  
 Department of  
 Veterans Affairs

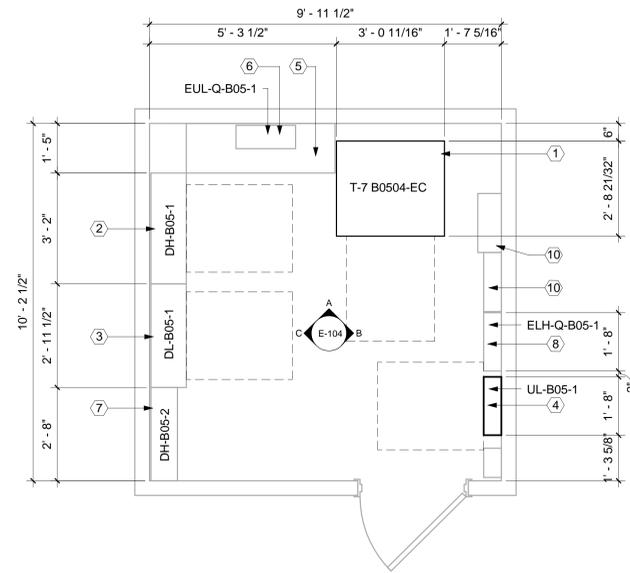
three inches = one foot  
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 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 three eighths inch = one foot  
 one quarter inch = one foot  
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**GENERAL NOTES**

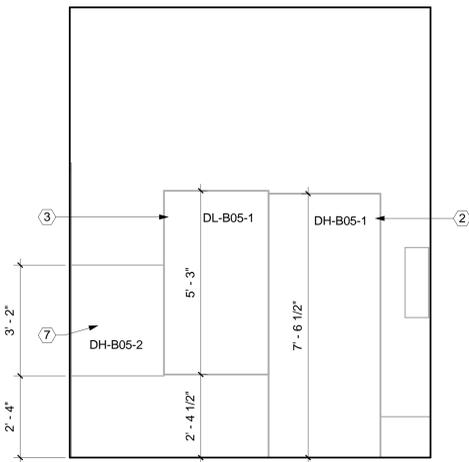
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- REFER TO SPECIFICATION, VOLUME 2, APPENDIX A - PHOTO DOCUMENTATION - EXISTING DISTRIBUTION PANELBOARDS.
- REFER TO SPECIFICATION, VOLUME 2, APPENDIX B - PHOTO DOCUMENTATION - EXISTING ELECTRICAL CLOSETS.
- REFER TO SPECIFICATION, VOLUME 2, APPENDIX C - NEW PANELBOARD SCHEDULES.

**ELECTRICAL KEYED NOTES**

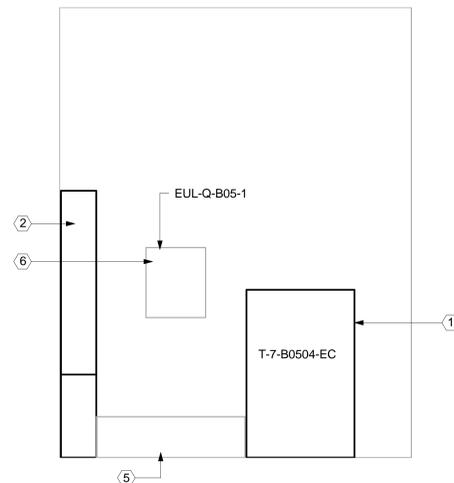
- PROVIDE TRANSFORMER T-7 B0504-EC: 300 KVA, 480 120/208 V.
- EXISTING DISTRIBUTION PANELBOARD DH-B05-1 SHALL BE RETROFITTED. PROVIDE BREAKERS: 2000: 3/150 AMP, 1/300 AMP, 3/400 AMP, 1/600 AMP AND 1/800 AMP.
- EXISTING DISTRIBUTION PANELBOARD DL-B05-1 SHALL BE RETROFITTED. PROVIDE BREAKERS 1200: 3/300 AMP, 1/400 AMP AND 1/200 AMP.
- UL-B05-1: FURNISH AND INSTALL PANELBOARD, 42 CIRCUIT PANEL BOARD.
- EXISTING METAL RACEWAY IS SCHEDULED TO REMAIN EXCEPT AS FOLLOWS:
- EXISTING PANELBOARD EUL-Q-B05-1 IS SCHEDULED TO REMAIN.
- EXISTING DISTRIBUTION PANELBOARD DH-B05-2 IS SCHEDULED TO REMAIN.
- EXISTING PANELBOARD ELH-Q-B05-1 IS SCHEDULED TO REMAIN.
- FURNISH AND INSTALL DUPLEX POWER OUTLET.
- EXISTING METAL PULL BOXES ARE SCHEDULED TO REMAIN.
- EXISTING SURFACE MOUNTED SHUT-OFF SWITCH IS SCHEDULED TO REMAIN.
- FURNISH AND INSTALL ENCLOSED CIRCUIT BREAKER AT UL-B05-1.



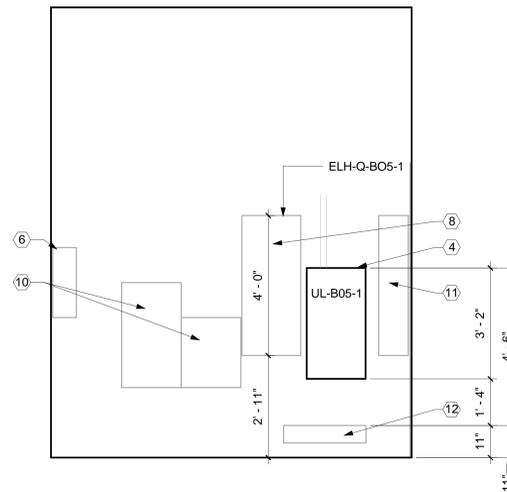
**1 BASEMENT LEVEL - B0504 EC - CONSTRUCTION PLAN**  
1/2" = 1'-0"



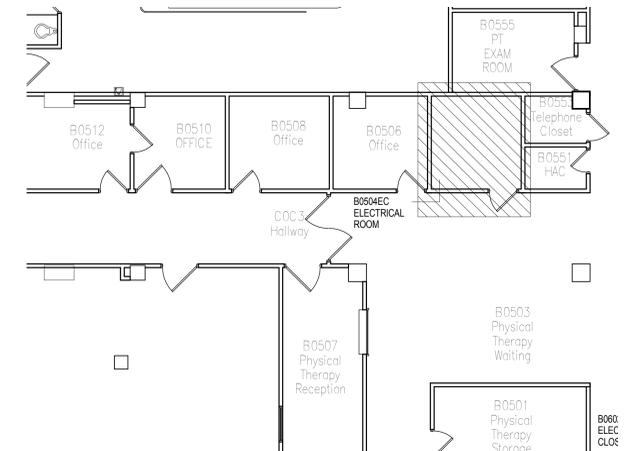
**C B0504 EC - CONSTRUCTION ELEVATION C**  
1/2" = 1'-0"



**A B0504 EC - CONSTRUCTION ELEVATION A**  
1/2" = 1'-0"



**B B0504 EC - CONSTRUCTION ELEVATION B**  
1/2" = 1'-0"



**2 KEY PLAN B0504 EC**  
NOT TO SCALE

**B0504 EC**

VA CONTRACT NO. VA69D-15-J-1908

**CONSULTANTS:**

FINAL CONSTRUCTION DOCUMENT BID SET	01/13/2017
95% CONSTRUCTION DOCUMENT SUBMITTAL	10/13/2016
65% CONSTRUCTION DOCUMENT SUBMITTAL	08/02/2016
35% SCHEMATIC DESIGN SUBMITTAL	04/28/2016
Revisions:	Date

**ARCHITECT/ENGINEERS:**

**Bancroft**  
BANCROFT ARCHITECTS + ENGINEERS  
www.bancroft-ae.com  
700 Nicholas Blvd, Suite 300  
Eik Grove Village, IL 60007  
T: 847.952.9362 F: 847.952.9403  
Bancroft AE No. 14-101

Drawing Title  
**ROOM B0504 EC - ELECTRICAL CONSTRUCTION PLAN**

Approved: Project Director  
-  
VAPAHCs PLANNING AND ENGINEERING

Project Title  
**UPGRADE W PANELS**

Location  
5000 W. NATIONAL AVE.  
MILWAUKEE, WI 53295

Date  
01/13/2017

Checked  
LF

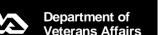
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Project Number  
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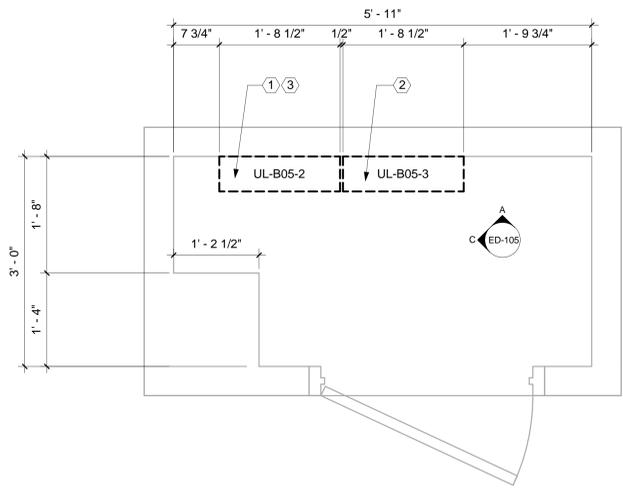
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Drawing Number  
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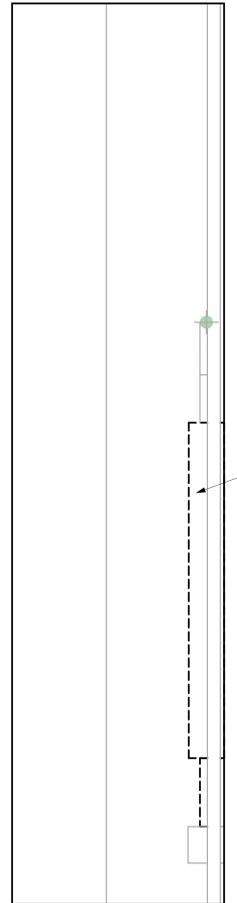
Office of  
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Management



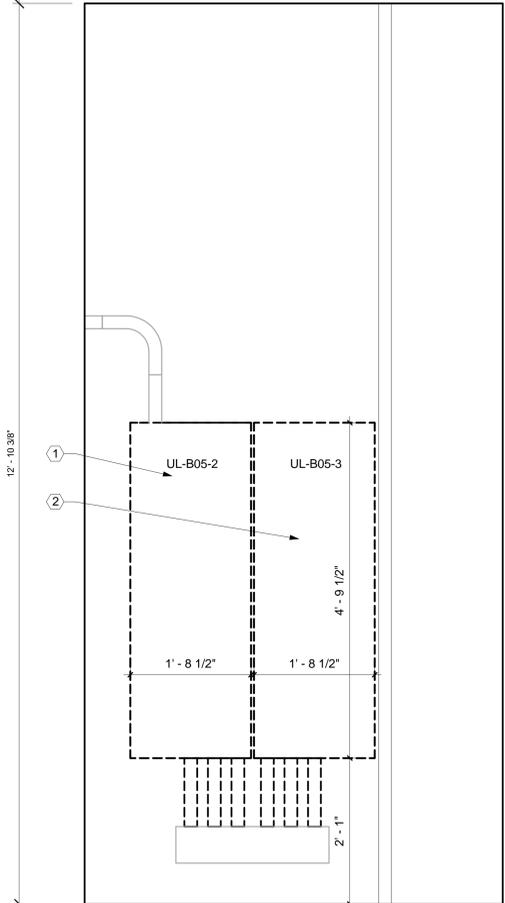
three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 one half inch = one foot  
 three eighths inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot  
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**1 BASEMENT LEVEL - B0513A EC - DEMOLITION PLAN**  
 1" = 1'-0" 0 1/2' 1' 2'



**C B0513A EC - DEMOLITION ELEVATION C**  
 1" = 1'-0" 0 1/2' 1' 2'



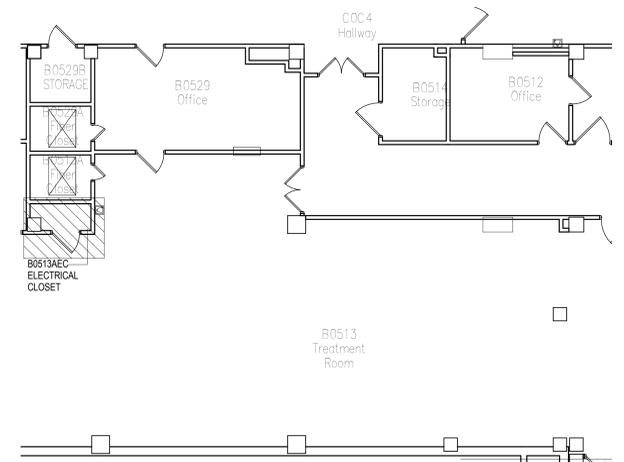
**A B0513A EC - DEMOLITION ELEVATION A**  
 1" = 1'-0" 0 1/2' 1' 2'

**GENERAL NOTES**

- REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR NOTES REGARDING SPECIFIED DEMOLITION WORK.
- REFER TO SPECIFICATIONS, VOLUME 2, APPENDIX A - PHOTO DOCUMENTATION - EXISTING DISTRIBUTION PANELBOARDS.
- REFER TO SPECIFICATIONS, VOLUME 2, APPENDIX B - PHOTO DOCUMENTATION - EXISTING ELECTRICAL CLOSETS FOR INTERIOR PHOTOS OF EXISTING PANELBOARDS.
- REFER TO DRAWING E-704 FOR CONSTRUCTION PHASING NOTES FOR TRANSFORMER REPLACEMENT SCOPE OF WORK AND SEQUENCE.
- REFER TO DRAWING G-002 FOR GENERAL CONSTRUCTION PHASING NOTES, FIRE AND SAFETY NOTES AND GENERAL INFECTION CONTROL NOTES.
- REFER TO DRAWING ED-601 FOR TYPICAL PANELBOARD DEMOTION DETAILS.

**(X) ELECTRICAL KEYED NOTES**

- EXISTING PANELBOARD UL-B05-2 TO BE DEMOLISHED. DISCONNECT EXISTING FEEDER CABLES AND RESPECTIVE CONDUITS. DISCONNECT BRANCH CIRCUIT WIRING AND CONDUITS. PANELBOARD IS 42 CIRCUIT PANELBOARD.
- EXISTING PANELBOARD UL-B05-3 TO BE DEMOLISHED. DISCONNECT EXISTING FEEDER CABLES AND RESPECTIVE CONDUITS. DISCONNECT BRANCH WIRING AND RESPECTIVE CONDUITS. PANELBOARD IS 42 CIRCUIT PANELBOARD.
- EXISTING EXPOSED CABLING AT PANELBOARD UL-B05-2 SHALL BE DISCONNECTED AND REMOVED. NEED TO CONFIRM WHERE THIS CABLE IS ROUTED?



**2 KEY PLAN B0513A EC DEMOLITION**  
 NOT TO SCALE

**B0513A EC**

VA CONTRACT NO. VA69D-15-J-1908

Revisions:	Date
FINAL CONSTRUCTION DOCUMENT BID SET	01/13/2017
95% CONSTRUCTION DOCUMENT SUBMITTAL	10/13/2016
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700 Nicholas Blvd. Suite 300  
 Elk Grove Village, IL 60007  
 T: 847.952.9362 F: 847.952.9403  
 Bancroft AE No. 14-101

**Drawing Title**  
 ROOM B0513A EC - ELECTRICAL DEMOLITION PLAN

**Approved:** Project Director  
 -  
 VAPAHCS PLANNING AND ENGINEERING

**Project Title**  
 UPGRADE W PANELS

**Location**  
 5000 W. NATIONAL AVE.  
 MILWAUKEE, WI 53295

**Date**  
 01/13/2017

**Checked**  
 LF

**Drawn**  
 AG AB EM

**Project Number**  
 695-16-108

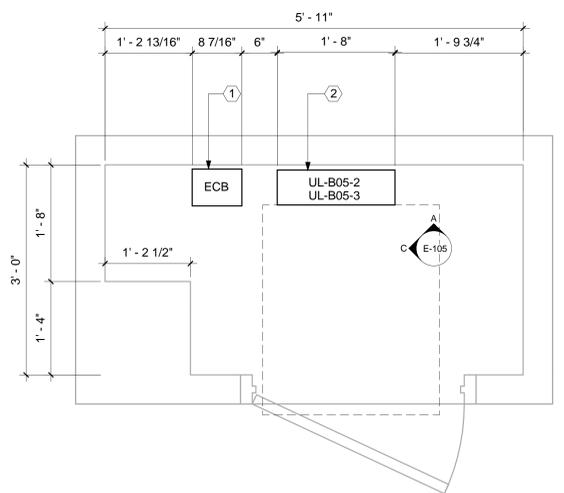
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 111

**Drawing Number**  
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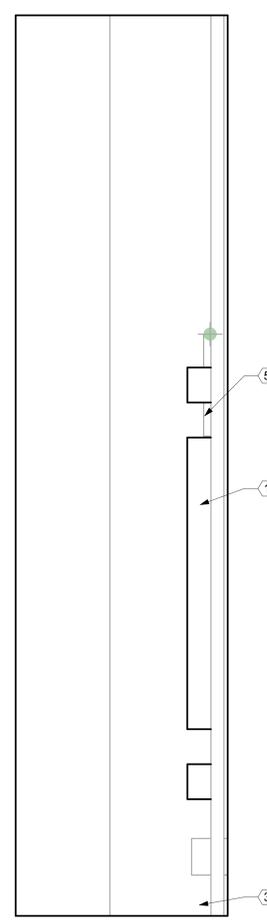
Office of Construction and Facilities Management

Department of Veterans Affairs

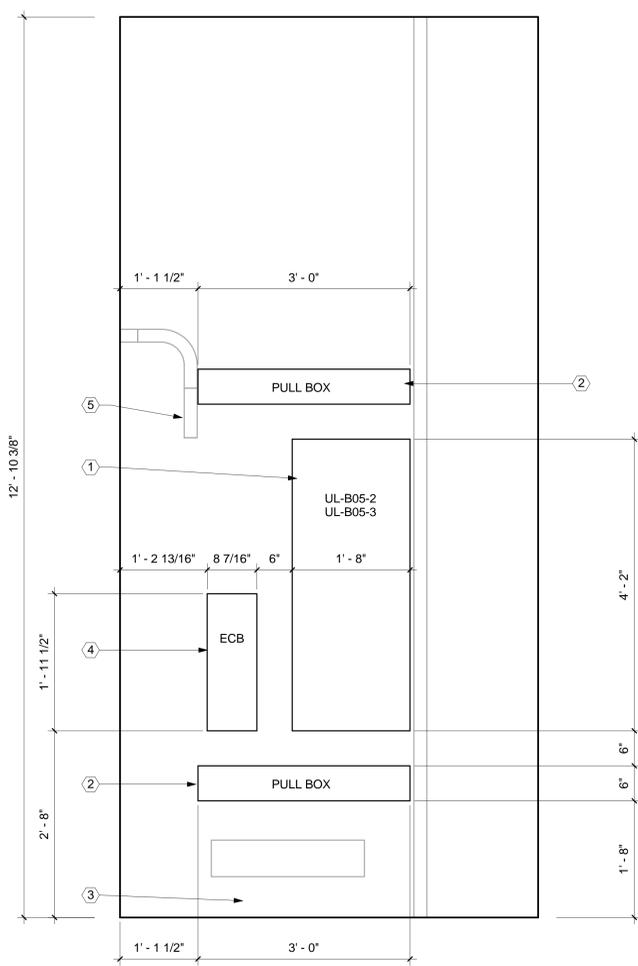
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**1 BASEMENT LEVEL - B0513A EC - CONSTRUCTION PLAN**  
 1" = 1'-0" 0 1/2" 1" 2"



**C B0513A EC - CONSTRUCTION ELEVATION C**  
 1" = 1'-0" 0 1/2" 1" 2"



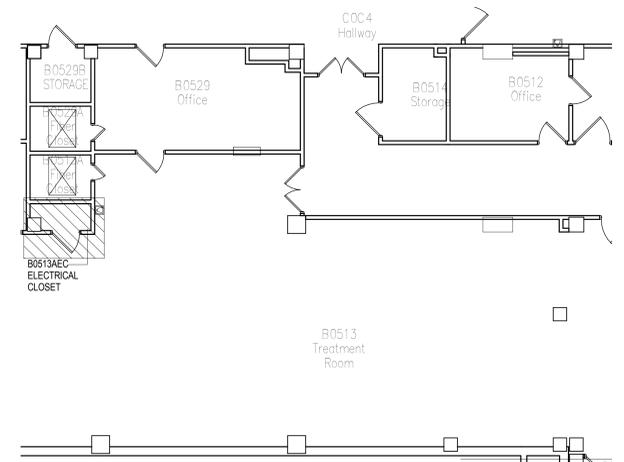
**A B0513A EC - CONSTRUCTION ELEVATION A**  
 1" = 1'-0" 0 1/2" 1" 2"

**GENERAL NOTES**

1. REFER TO ARCHITECTURAL CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION.
2. REFER TO DRAWING E-704 FOR NEW TRANSFORMER SCHEDULE AND RELATED WORK.
3. REFER TO SPECIFICATION, VOLUME 2, APPENDIX A - PHOTO DOCUMENTATION - EXISTING DISTRIBUTION PANELBOARDS.
4. REFER TO SPECIFICATION, VOLUME 2, APPENDIX B - PHOTO DOCUMENTATION - EXISTING ELECTRICAL CLOSETS.
5. REFER TO SPECIFICATION, VOLUME 2, APPENDIX C - NEW PANELBOARD SCHEDULES.

**(X) ELECTRICAL KEYED NOTES**

1. UL-B05-2 UL-B05-3: FURNISH AND INSTALL PANELBOARD, 84 CIRCUIT PANELBOARD.
2. FURNISH AND INSTALL METAL PULL BOX AT PANEL BOARD TOP SECTION FOR ROUTING OF BRANCH CIRCUIT WIRING.
3. EXISTING METAL CONDUITS THAT ARE ROUTED DOWN AND INTO EXISTING CONCRETE SLAB ARE SCHEDULED TO REMAIN.
4. FURNISH AND INSTALL ENCLOSED CIRCUIT BREAKER.
5. FURNISH AND INSTALL FEEDER CONDUIT, CABLING AND ENCLOSED CIRCUIT BREAKER.



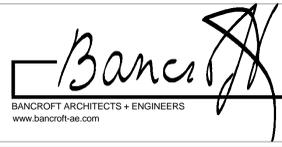
**2 KEY PLAN B0513A EC**  
 NOT TO SCALE

**B0513A EC**

VA CONTRACT NO. VA69D-15-J-1908

CONSULTANTS:	
FINAL CONSTRUCTION DOCUMENT BID SET	01/13/2017
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Drawing Title <b>ROOM B0513A EC - ELECTRICAL CONSTRUCTION PLAN</b>	
Approved: Project Director - VAPAHCS PLANNING AND ENGINEERING	

Project Title <b>UPGRADE W PANELS</b>		
Location 5000 W. NATIONAL AVE. MILWAUKEE, WI 53295		
Date	Checked	Drawn
01/13/2017	LF	AG AB EM

Project Number 695-16-108 Building Number 111 Drawing Number <b>E-105</b>	Office of Construction and Facilities Management 
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