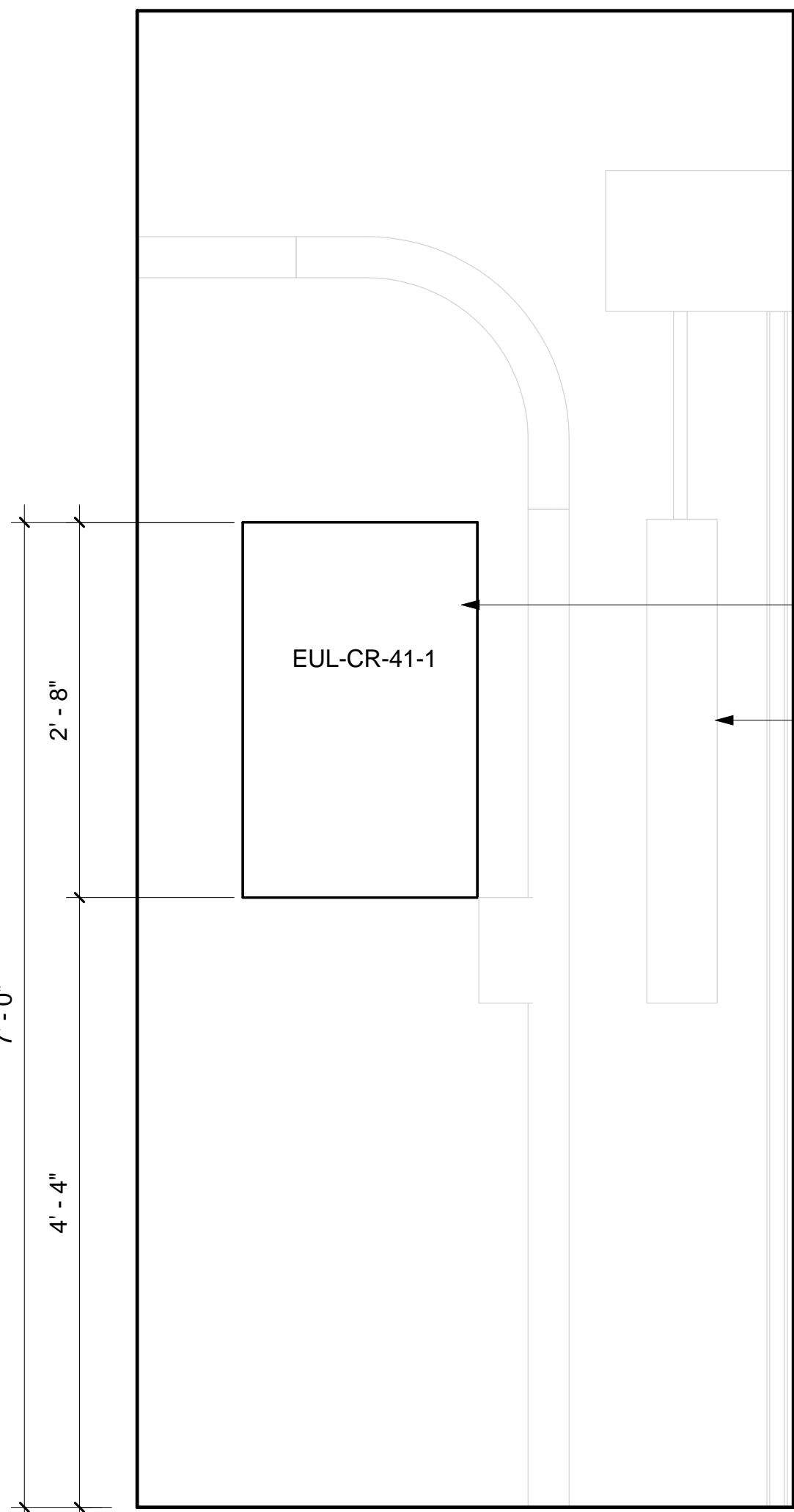


1

FOURTH LEVEL - 4163 EC - CONSTRUCTION PLAN

1" = 1'-0"

0 1/2' 1' 2'

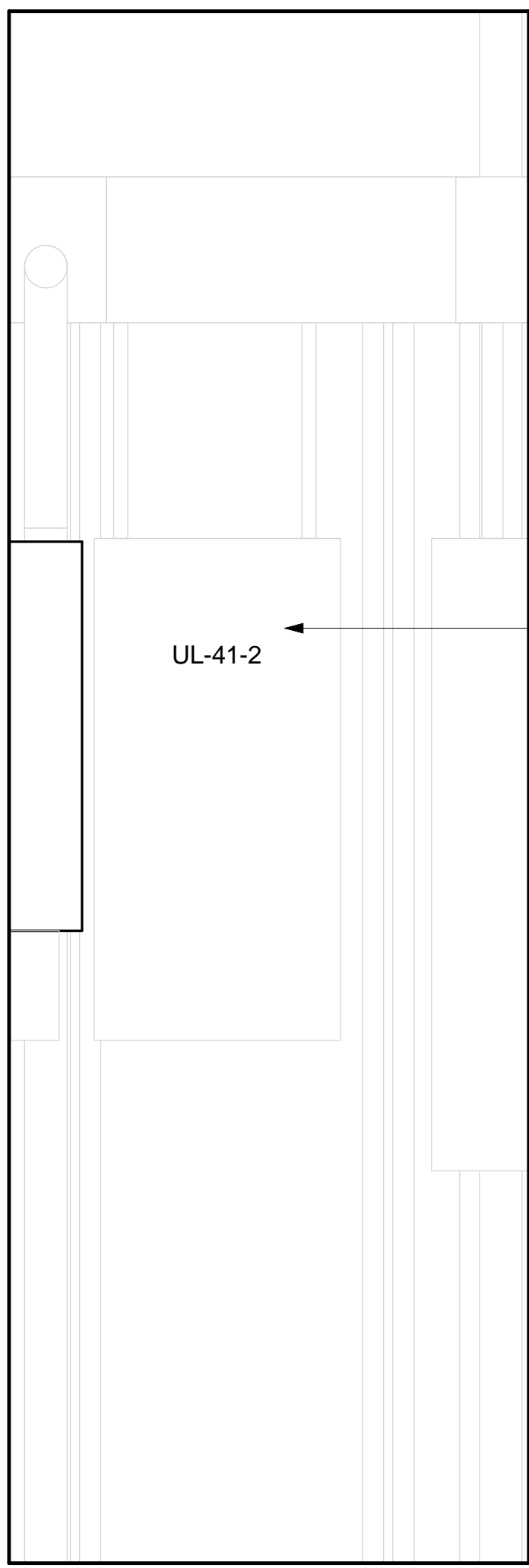


C

4163 EC - CONSTRUCTION ELEVATION C

1" = 1'-0"

0 1/2' 1' 2'

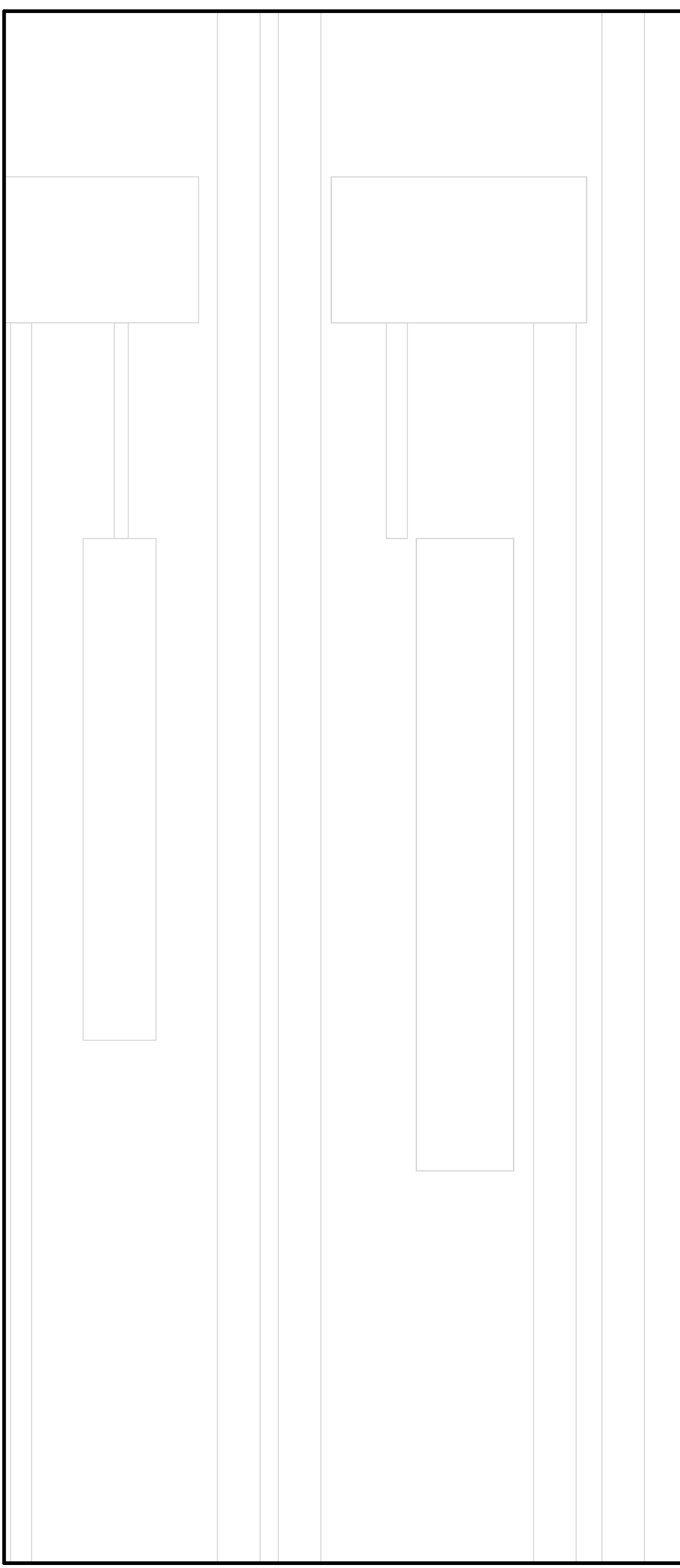


A

4163 EC - CONSTRUCTION ELEVATION A

1" = 1'-0"

0 1/2' 1' 2'

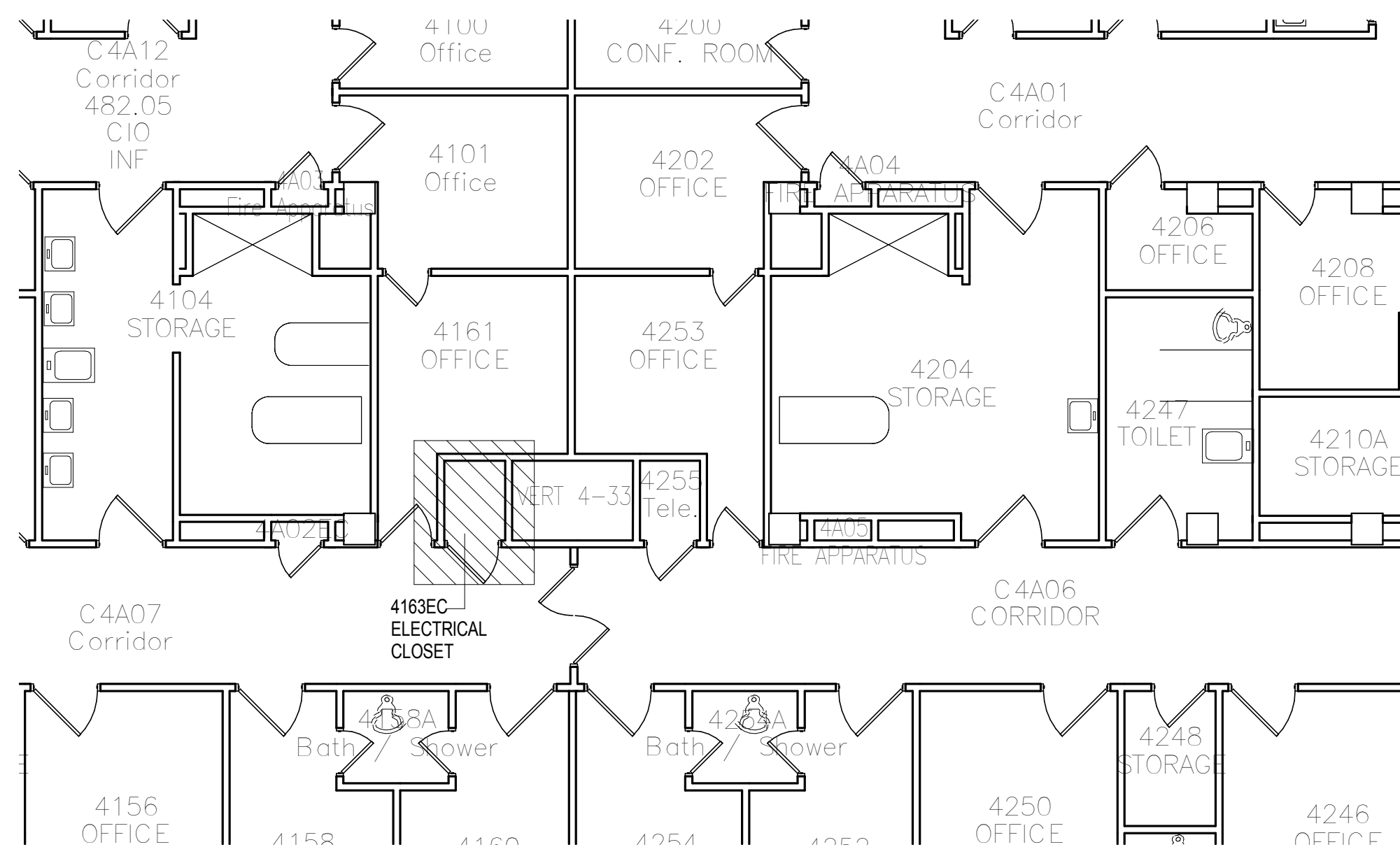


B

4163 EC - CONSTRUCTION ELEVATION B

1" = 1'-0"

0 1/2' 1' 2'



2

KEY PLAN 4163 EC

NOT TO SCALE

GENERAL NOTES

- REFER TO ARCHITECTURAL CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION.
- REFER TO DRAWING E-601 FOR TYPICAL NEW PANELBOARD DETAILS.
- REFER TO DRAWING E-602 FOR TYPICAL NEW ENCLOSED CIRCUIT BREAKER DETAILS.



ELECTRICAL KEYED NOTES

- FURNISH AND INSTALL FEEDER CONDUIT AND CABLING. CONNECT FEEDER CABLES TO EXISTING RISER CABLE AT METAL PULL BOX LOCATION.
- FURNISH AND INSTALL CONDUITS, CABLING AND ENCLOSED CIRCUIT BREAKER.
- FURNISH AND INSTALL METAL RACEWAY/PULL BOX AT PANELBOARD TOP SECTION.
- FURNISH AND INSTALL METAL RACEWAY/PULL BOX AT PANELBOARD BOTTOM SECTION.
- CONNECT EXISTING CONDUITS AT PANELBOARD TOP SECTION INTO METAL RACEWAY/PULL BOX.
- CONNECT EXISTING CONDUITS AT PANELBOARD BOTTOM SECTION INTO METAL RACEWAY/PULL BOX.
- FURNISH AND INSTALL CONDUITS FROM TOP AND BOTTOM METAL RACEWAYS/PULL BOXES AND CONNECT TO PANELBOARDS.
- FURNISH AND INSTALL BRANCH WIRING FOR BRANCH CIRCUITS THAT ARE ROUTED AT PANELBOARD TOP SECTIONS. FURNISH AND INSTALL WIRE SPLICING OF EXISTING AND NEW WIRES WITHIN THE METAL RACEWAY/PULL BOX.
- FURNISH AND INSTALL BRANCH WIRING FOR BRANCH CIRCUITS THAT ARE ROUTED AT PANELBOARD BOTTOM SECTIONS. FURNISH AND INSTALL WIRE SPLICING OF EXISTING AND NEW WIRES WITHIN METAL RACEWAY/PULL BOX.
- EUL-CR-41-1: FURNISH AND INSTALL PANELBOARD, 30 CIRCUIT PANELBOARD.
- UL-41-2: EXISTING PANELBOARD IS SCHEDULED TO REMAIN.
- FURNISH AND INSTALL DUPLEX GFI OUTLET, CONDUIT AND WIRING. REFER TO DRAWING E-601 FOR NOTES REGARDING GFI OUTLET MOUNTING LOCATION.
- FURNISH AND INSTALL SURFACE MOUNTED LIGHT FIXTURE.

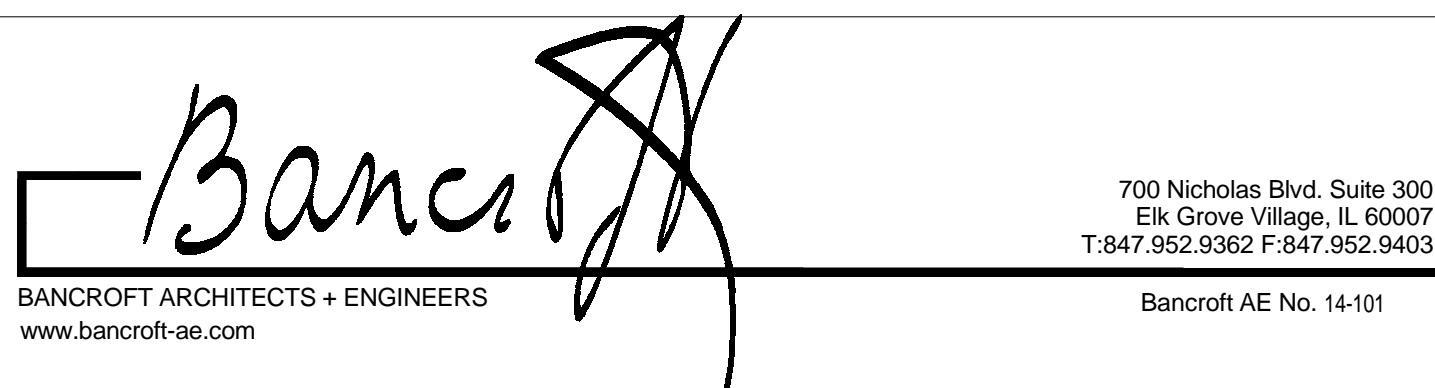
4163 EC

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

CONSULTANTS:

ARCHITECT/ENGINEERS:



Drawing Title  
ROOM 4163 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-116

Office of  
Construction  
and Facilities  
Management

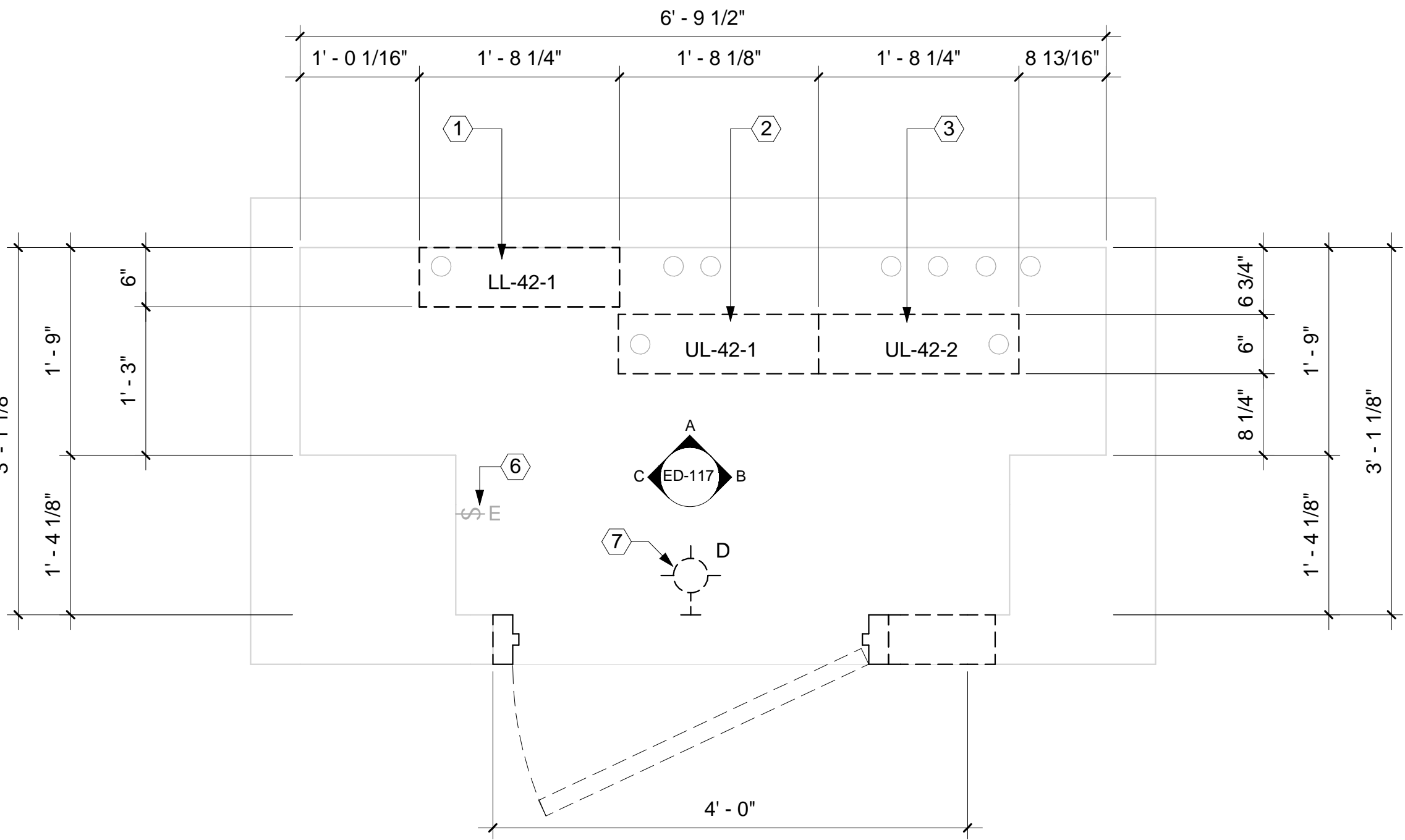


GENERAL NOTES

1. REFER TO DRAWING ED-601 FOR DEMOLITION DETAIL OF TYPICAL EXISTING PANELBOARD.
2. REFER TO SPECIFICATIONS, VOLUME 2, APPENDIX B - PHOTO DOCUMENTATION - EXISTING ELECTRICAL CLOSETS FOR INTERIOR PHOTOS OF EXISTING PANELBOARDS.

ELECTRICAL KEYED NOTES

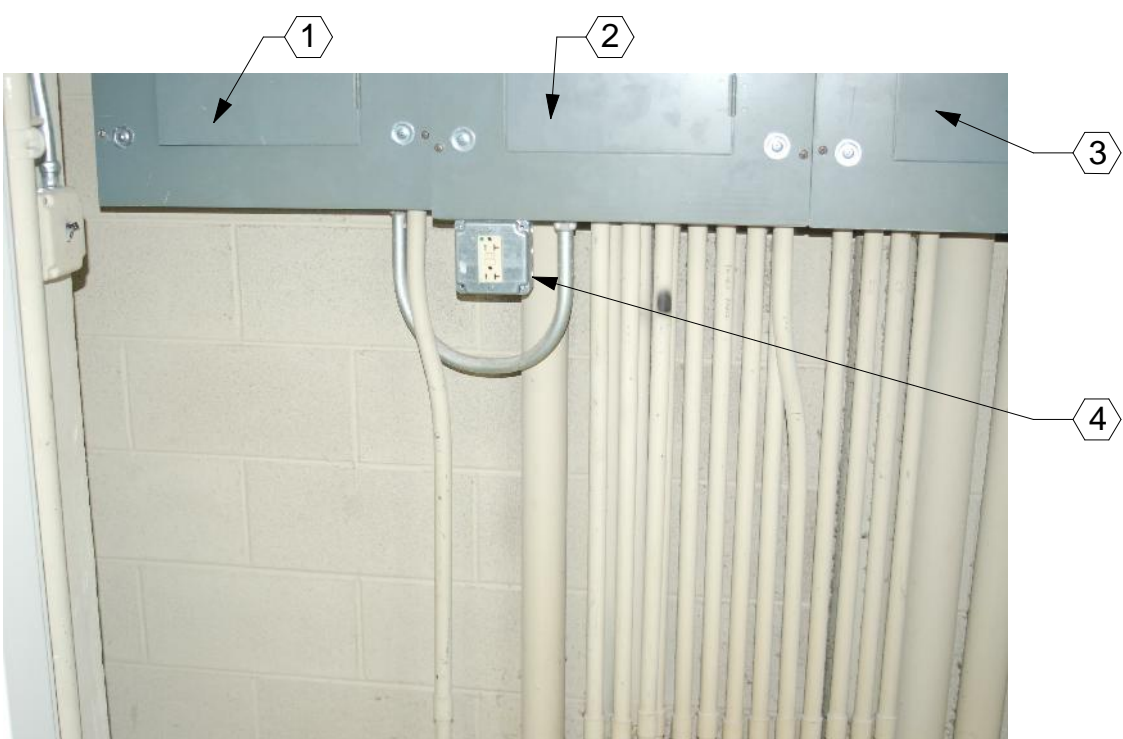
1. EXISTING PANELBOARD LL-42-1 TO BE DEMOLISHED. EXISTING PANELBOARD IS 24 CIRCUIT BOARD. DISCONNECT FEEDER CABLES AND RESPECTIVE CONDUITS. DISCONNECT BRANCH WIRING AND CONDUITS.
2. EXISTING PANELBOARD UL-42-1 TO BE DEMOLISHED. EXISTING PANELBOARD IS 42 CIRCUIT BOARD. DISCONNECT FEEDER CABLES AND RESPECTIVE CONDUITS. DISCONNECT BRANCH WIRING AND CONDUITS..
3. EXISTING PANELBOARD UL-42-2 TO BE DEMOLISHED. EXISTING PANEL BOARD IS 42 CIRCUIT BOARD. DISCONNECT FEEDER CABLES AND RESPECTIVE CONDUITS. DISCONNECT BRANCH WIRING AND CONDUITS.
4. EXISTING DUPLEX OUTLET TO BE DEMOLISHED.
5. EXISTING METAL RACEWAY/PULL BOX TO REMAIN.
6. EXISTING SURFACE MOUNTED LIGHT SWITCH SHALL REMAIN. DEMOLISH WIRING FROM EXISTING SWITCH TO EXISTING LIGHT FIXTURE.
7. DEMOLISH EXISTING SURFACE MOUNTED LIGHT FIXTURE, WIRING AND CONDUIT.



1 FOURTH LEVEL - 4220 EC - DEMOLITION PLAN  
1" = 1'-0" 0 1/2' 1' 2'



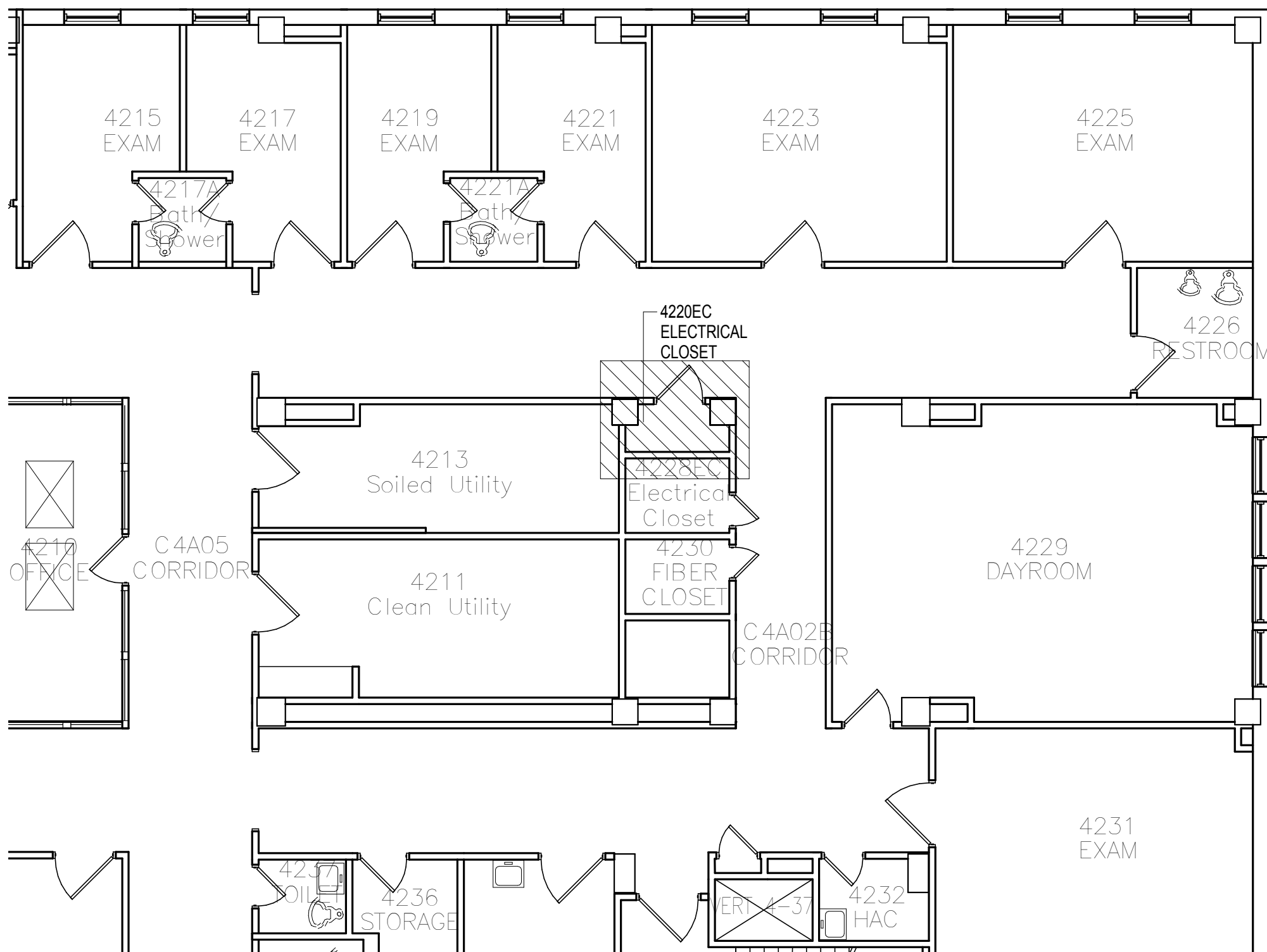
P1 4220 EC - PHOTO 1  
NOT TO SCALE



P2 4220 EC - PHOTO 2  
NOT TO SCALE



P3 4220 EC - PHOTO 3  
NOT TO SCALE



2 KEY PLAN 4220 EC DEMOLITION  
NOT TO SCALE

4220 EC

C 4220 EC - DEMOLITION ELEVATION C  
1" = 1'-0" 0 1/2' 1' 2'

A 4220 EC - DEMOLITION ELEVATION A  
1" = 1'-0" 0 1/2' 1' 2'

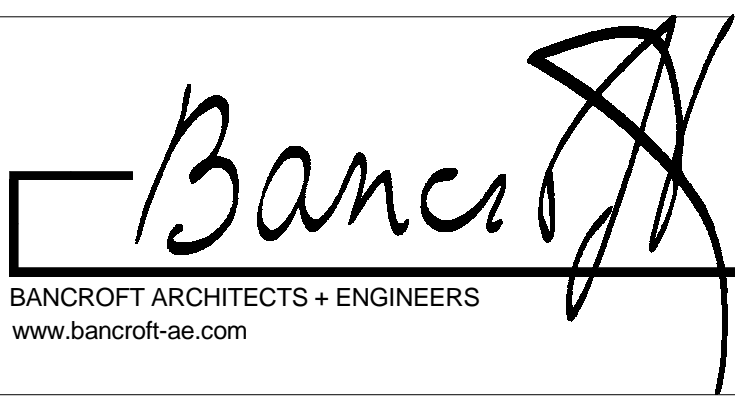
B 4220 EC - DEMOLITION ELEVATION B  
1" = 1'-0" 0 1/2' 1' 2'

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

CONSULTANTS:

ARCHITECT/ENGINEERS:



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 4220 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

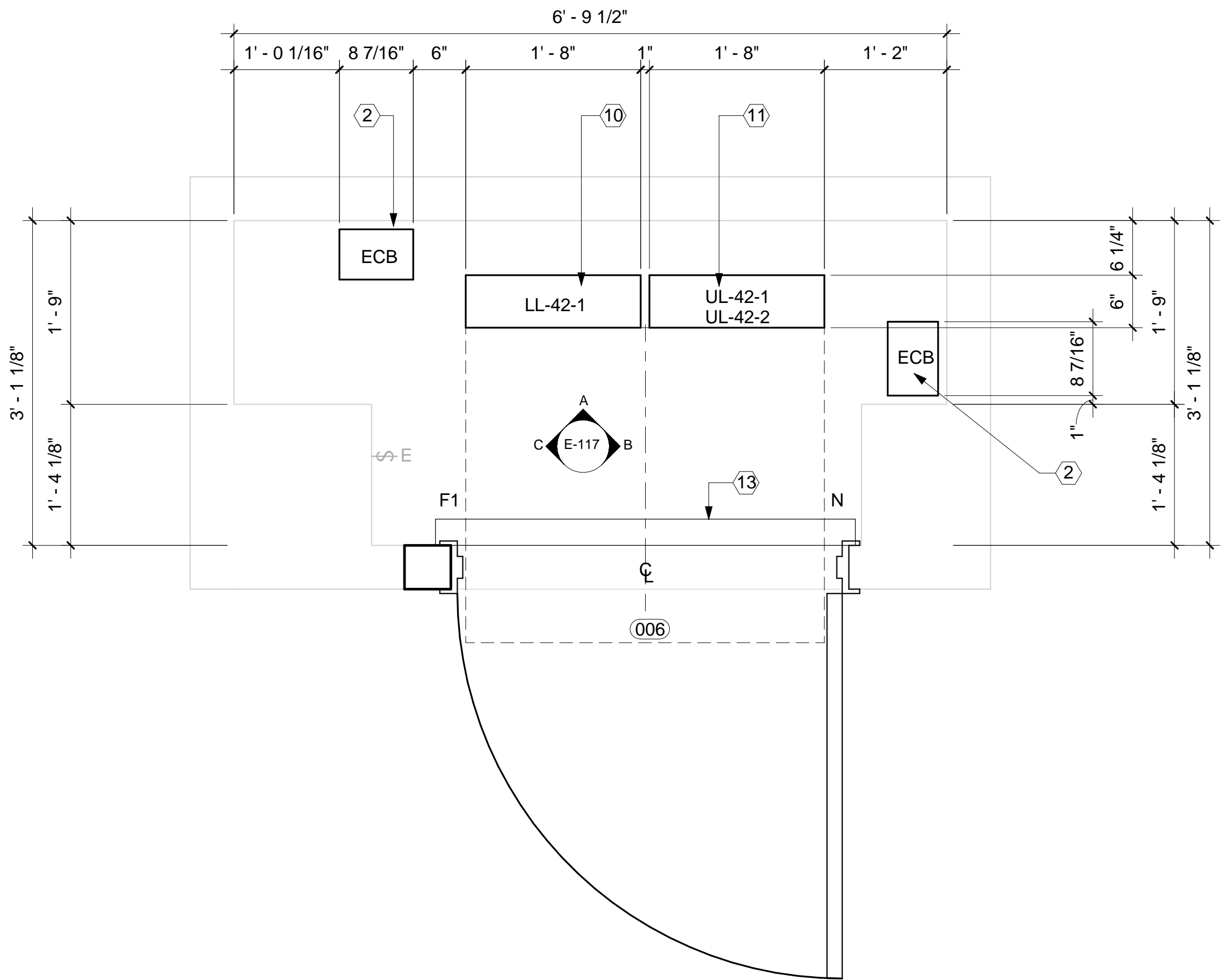
Building Number  
111

Drawing Number  
ED-117

Office of  
Construction  
and Facilities  
Management





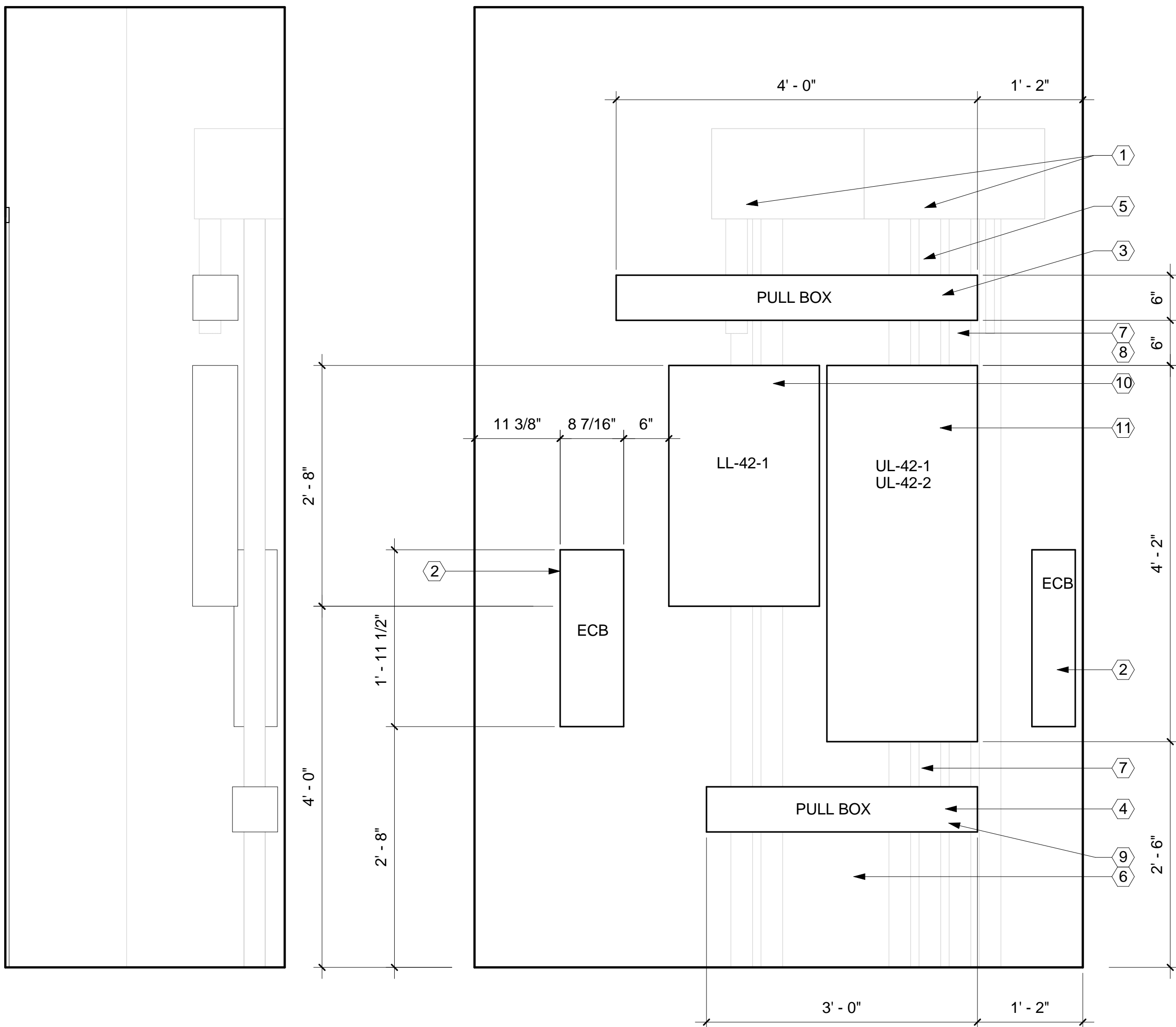


4

### FOURTH LEVEL - 4220 EC - CONSTRUCTION PLAN

1" = 1'-0"

0 1/2' 1' 2'



C

### 4220 EC - CONSTRUCTION ELEVATION C

1" = 1'-0"

0 1/2' 1' 2'

A

### 4220 EC - CONSTRUCTION ELEVATION A

1" = 1'-0"

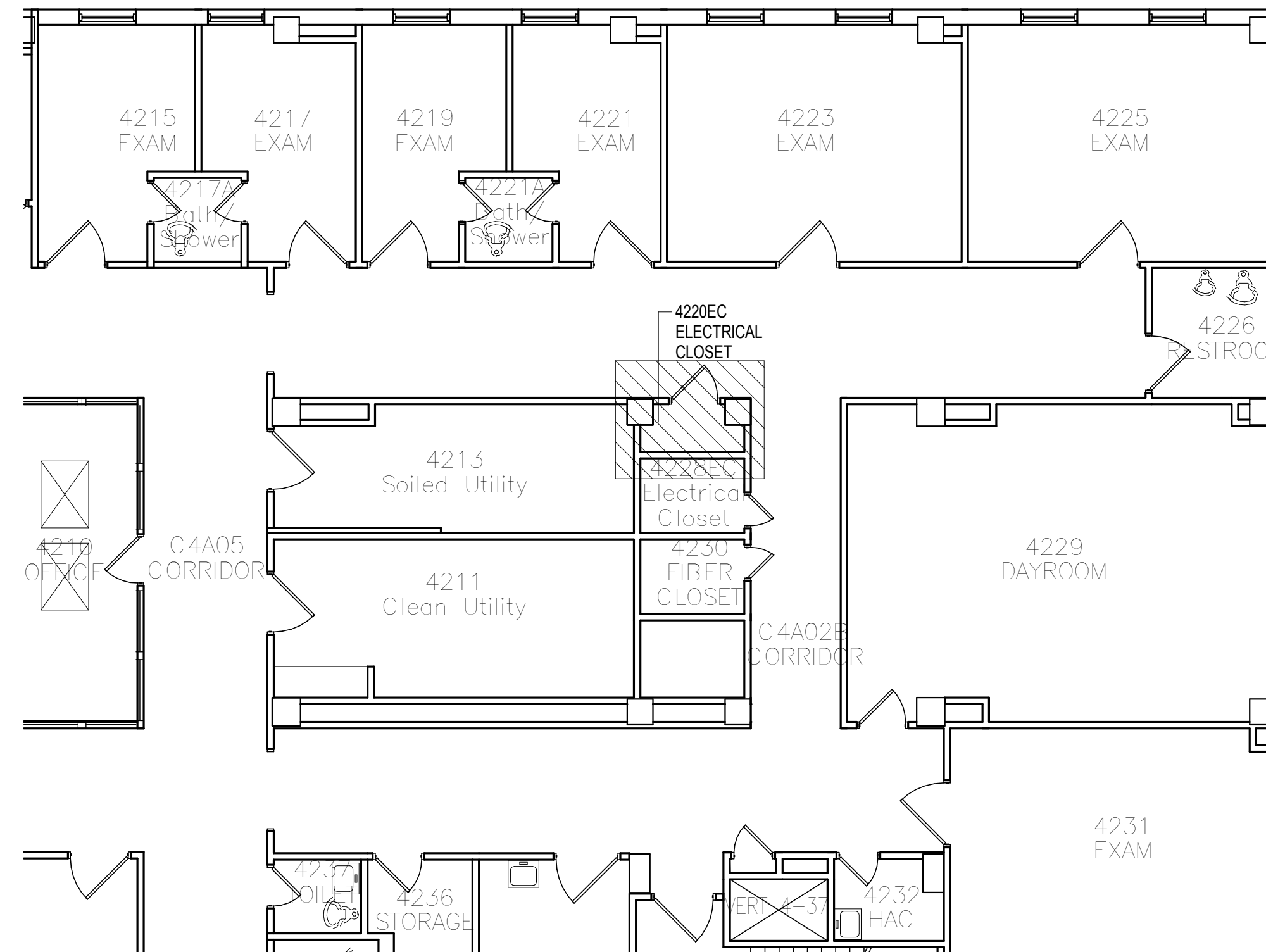
0 1/2' 1' 2'

B

### 4220 EC - CONSTRUCTION ELEVATION B

1" = 1'-0"

0 1/2' 1' 2'



2

### KEY PLAN EC 4220

NOT TO SCALE

## GENERAL NOTES

- REFER TO ARCHITECTURAL CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION.
- REFER TO DRAWING E-601 FOR TYPICAL NEW PANELBOARD DETAILS.
- REFER TO DRAWING E-602 FOR TYPICAL NEW ENCLOSED CIRCUIT BREAKER DETAILS.



## ELECTRICAL KEYED NOTES

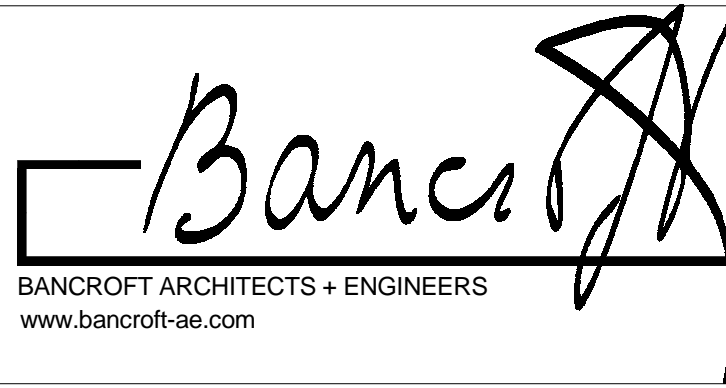
- FURNISH AND INSTALL FEEDER CONDUIT AND CABLING. CONNECT FEEDER CABLES TO EXISTING RISER CABLE AT METAL PULL BOX LOCATION.
- FURNISH AND INSTALL CONDUITS, CABLING AND ENCLOSED CIRCUIT BREAKER.
- FURNISH AND INSTALL METAL RACEWAY/PULL BOX AT PANELBOARD TOP SECTION.
- FURNISH AND INSTALL METAL RACEWAY/PULL BOX AT PANELBOARD BOTTOM SECTION.
- CONNECT EXISTING CONDUITS AT PANELBOARD TOP SECTION INTO METAL RACEWAY/PULL BOX.
- CONNECT EXISTING CONDUITS AT PANELBOARD BOTTOM SECTION INTO METAL RACEWAY/PULL BOX.
- FURNISH AND INSTALL CONDUITS FROM TOP AND BOTTOM METAL RACEWAYS/PULL BOXES AND CONNECT TO PANELBOARDS.
- FURNISH AND INSTALL BRANCH WIRING FOR BRANCH CIRCUITS THAT ARE ROUTED AT PANELBOARD TOP SECTIONS. FURNISH AND INSTALL WIRE SPLICING OF EXISTING AND NEW WIRES WITHIN THE METAL RACEWAY/PULL BOX.
- FURNISH AND INSTALL BRANCH WIRING FOR BRANCH CIRCUITS THAT ARE ROUTED AT PANELBOARD BOTTOM SECTIONS. FURNISH AND INSTALL WIRE SPLICING OF EXISTING AND NEW WIRES WITHIN METAL RACEWAY/PULL BOX.
- LL-42-1: FURNISH AND INSTALL PANELBOARD, 30 CIRCUIT PANELBOARD.
- UL-42-1 UL-42-2: FURNISH AND INSTALL PANELBOARD, 84 CIRCUIT PANELBOARD.
- FURNISH AND INSTALL DUPLEX GFI OUTLET, CONDUIT AND WIRING. REFER TO DRAWING E-601 FOR NOTES REGARDING GFI OUTLET MOUNTING LOCATION.
- FURNISH AND INSTALL SURFACE MOUNTED LIGHT FIXTURE.

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:



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 4220 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-117

Office of  
Construction  
and Facilities  
Management



# 4220 EC



one eighth inch = one foot  
one quarter inch = one foot  
three eighths inch = one foot  
one half inch = one foot  
three quarters inch = one foot  
one inch = one foot  
one and one half inches = one foot  
two inches = one foot  
three inches = one foot  
four inches = one foot  
five inches = one foot  
six inches = one foot  
seven inches = one foot  
eight inches = one foot  
nine inches = one foot  
ten inches = one foot  
eleven inches = one foot  
twelve inches = one foot  
thirteen inches = one foot  
fourteen inches = one foot  
fifteen inches = one foot  
sixteen inches = one foot  
seventeen inches = one foot  
eighteen inches = one foot  
nineteen inches = one foot  
twenty inches = one foot  
twenty one inches = one foot  
twenty two inches = one foot  
twenty three inches = one foot  
twenty four inches = one foot  
twenty five inches = one foot  
twenty six inches = one foot  
twenty seven inches = one foot  
twenty eight inches = one foot  
twenty nine inches = one foot  
thirty inches = one foot  
thirty one inches = one foot  
thirty two inches = one foot  
thirty three inches = one foot  
thirty four inches = one foot  
thirty five inches = one foot  
thirty six inches = one foot  
thirty seven inches = one foot  
thirty eight inches = one foot  
thirty nine inches = one foot  
forty inches = one foot  
forty one inches = one foot  
forty two inches = one foot  
forty three inches = one foot  
forty four inches = one foot  
forty five inches = one foot  
forty six inches = one foot  
forty seven inches = one foot  
forty eight inches = one foot  
forty nine inches = one foot  
fifty inches = one foot  
fifty one inches = one foot  
fifty two inches = one foot  
fifty three inches = one foot  
fifty four inches = one foot  
fifty five inches = one foot  
fifty six inches = one foot  
fifty seven inches = one foot  
fifty eight inches = one foot  
fifty nine inches = one foot  
sixty inches = one foot  
sixty one inches = one foot  
sixty two inches = one foot  
sixty three inches = one foot  
sixty four inches = one foot  
sixty five inches = one foot  
sixty six inches = one foot  
sixty seven inches = one foot  
sixty eight inches = one foot  
sixty nine inches = one foot  
seventy inches = one foot  
seventy one inches = one foot  
seventy two inches = one foot  
seventy three inches = one foot  
seventy four inches = one foot  
seventy five inches = one foot  
seventy six inches = one foot  
seventy seven inches = one foot  
seventy eight inches = one foot  
seventy nine inches = one foot  
eighty inches = one foot  
eighty one inches = one foot  
eighty two inches = one foot  
eighty three inches = one foot  
eighty four inches = one foot  
eighty five inches = one foot  
eighty six inches = one foot  
eighty seven inches = one foot  
eighty eight inches = one foot  
eighty nine inches = one foot  
ninety inches = one foot  
ninety one inches = one foot  
ninety two inches = one foot  
ninety three inches = one foot  
ninety four inches = one foot  
ninety five inches = one foot  
ninety six inches = one foot  
ninety seven inches = one foot  
ninety eight inches = one foot  
ninety nine inches = one foot  
one hundred inches = one foot

5/4/2017 6:51:09 AM

C:\Users\slg\Documents\04 FOURTH FLOOR LEVEL - ELECTRICAL\Aging\chnd

VA FORM 08-6231

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

CONSULTANTS:	
--------------	--

--	--

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

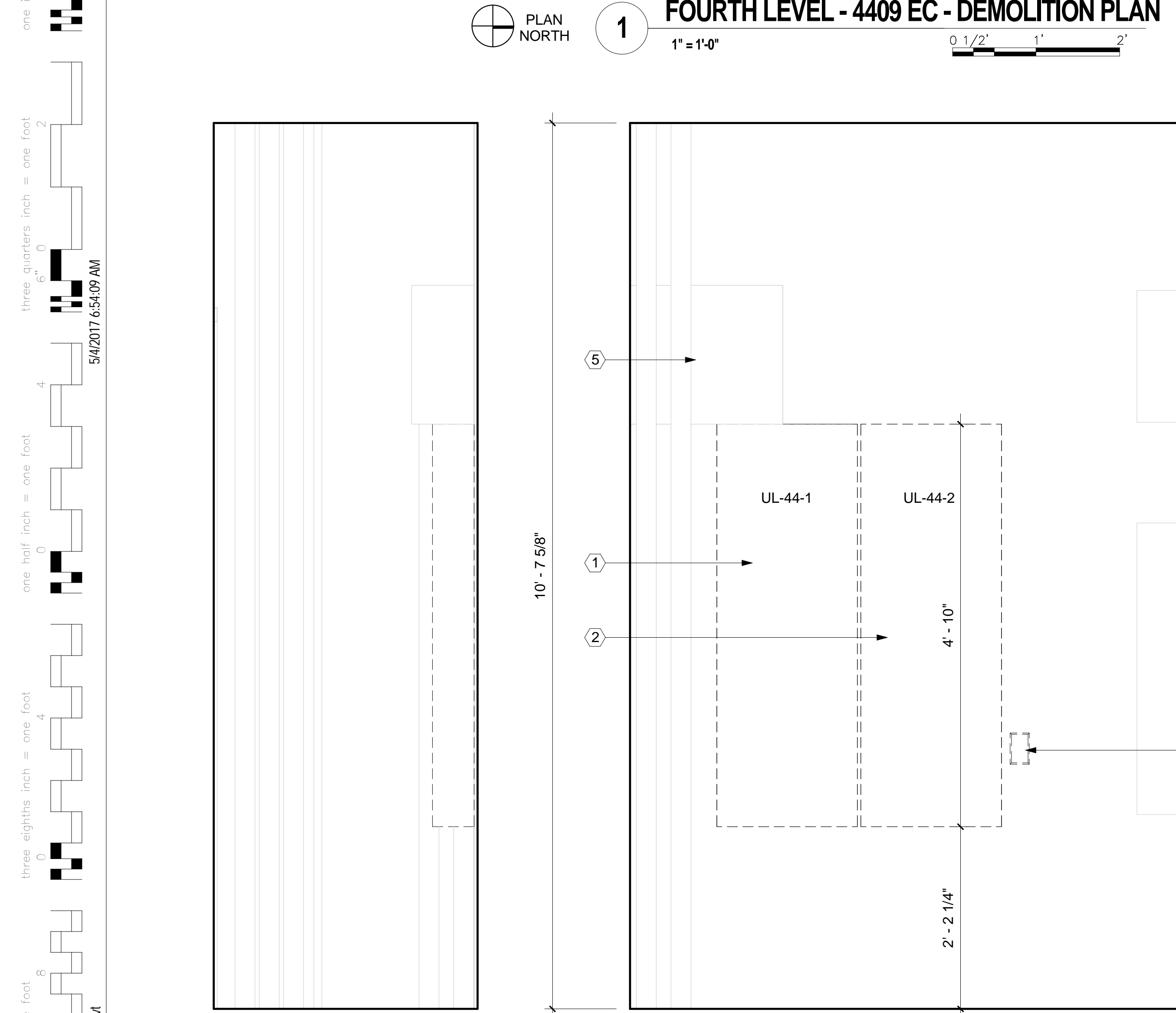
Drawing Title	ROOM 4409 EC - ELECTRICAL DEMOLITION PLAN
Approved: Project Director	-
VAPAHCS PLANNING AND ENGINEERING	

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-118
Office of Construction and Facilities Management	Department of Veterans Affairs

PLAN NORTH

1 FOURTH LEVEL - 4409 EC - DEMOLITION PLAN  
1" = 1'-0" 0 1/2' 1' 2'



C 4409 EC - DEMOLITION ELEVATION C  
1" = 1'-0" 0 1/2' 1' 2'

A 4409 EC - DEMOLITION ELEVATION A  
1" = 1'-0" 0 1/2' 1' 2'

B 4409 EC - DEMOLITION ELEVATION B  
1" = 1'-0" 0 1/2' 1' 2'



P1 4409 EC - PHOTO 1  
NOT TO SCALE



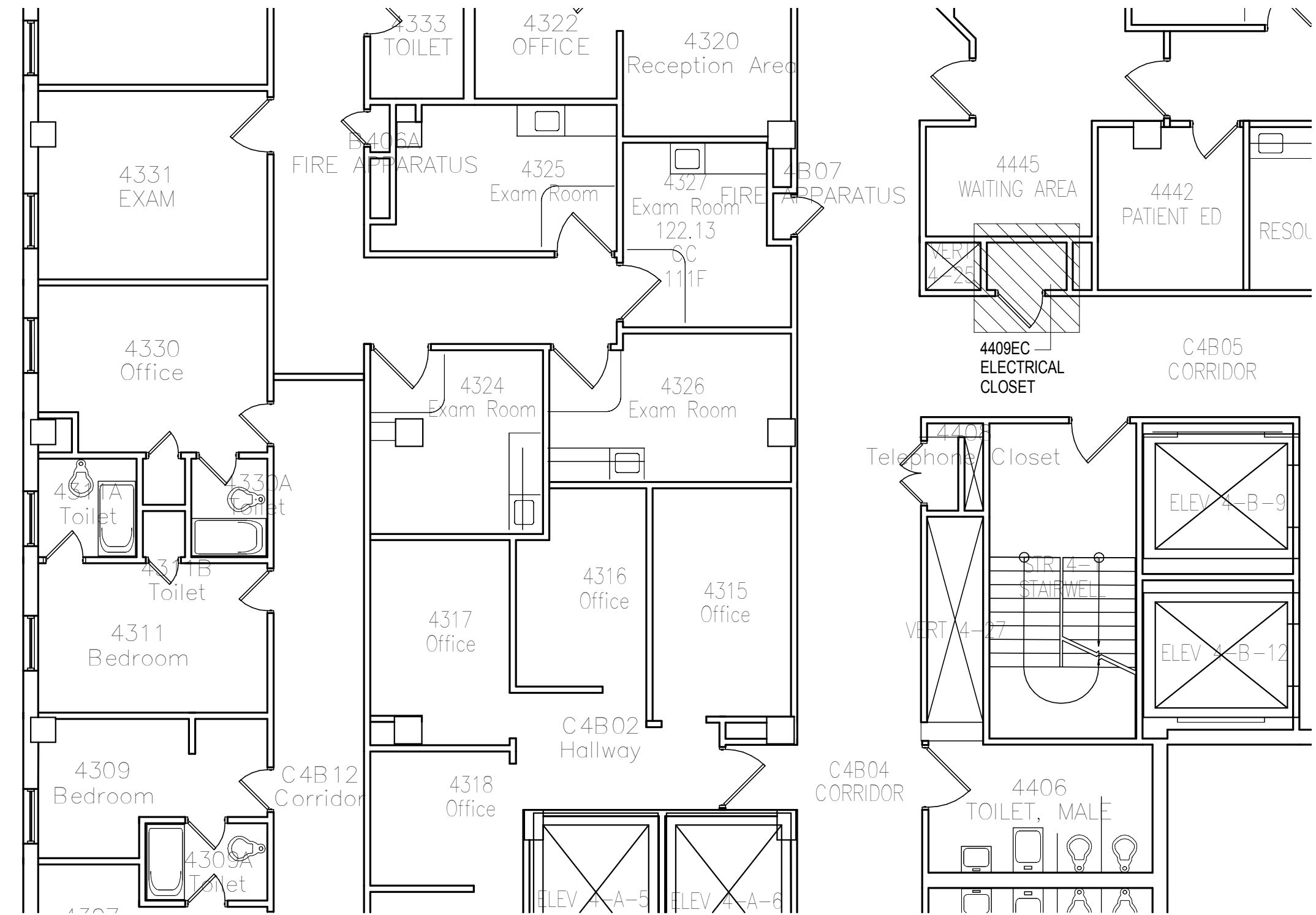
P2 4409 EC - PHOTO 2  
NOT TO SCALE



P3 4409 EC - PHOTO 3  
NOT TO SCALE

- ### GENERAL NOTES
- REFER TO DRAWING ED-601 FOR DEMOLITION DETAIL OF TYPICAL EXISTING PANELBOARD.
  - REFER TO SPECIFICATIONS, VOLUME 2, APPENDIX B - PHOTO DOCUMENTATION - EXISTING ELECTRICAL CLOSETS FOR INTERIOR PHOTOS OF EXISTING PANELBOARDS.

- ### ELECTRICAL KEYED NOTES
- EXISTING PANELBOARD UL-44-1 TO BE DEMOLISHED. EXISTING PANELBOARD IS 42 CIRCUIT PANELBOARD. DISCONNECT FEEDER CABLES AND RESPECTIVE CONDUITS. DISCONNECT BRANCH WIRING AND CONDUITS.
  - EXISTING PANELBOARD UL-44-2 TO BE DEMOLISHED. EXISTING PANELBOARD IS 42 CIRCUIT PANELBOARD. DISCONNECT FEEDER CABLES AND RESPECTIVE CONDUITS. DISCONNECT BRANCH WIRING AND CONDUITS.
  - EXISTING CONTROL BOX TO REMAIN.
  - EXISTING DUPLEX OUTLET TO BE DEMOLISHED.
  - EXISTING METAL RACEWAY/PULL BOX TO REMAIN.
  - EXISTING SURFACE MOUNTED ELECTRICAL COMPONENTS (277/480 VOLT, PANEL EHL-CR-44-1, LEFT AND RIGHT) TO REMAIN.
  - DEMOLISH EXISTING SURFACE MOUNTED LIGHT FIXTURE, WIRING, AND CONDUIT.
  - EXISTING SURFACE MOUNTED LIGHT SWITCH SHALL REMAIN. DEMOLISH WIRING FROM EXISTING SWITCH TO EXISTING LIGHT FIXTURE.





GENERAL NOTES

- REFER TO ARCHITECTURAL CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION.
- REFER TO DRAWING E-601 FOR TYPICAL NEW PANELBOARD DETAILS.
- REFER TO DRAWING E-602 FOR TYPICAL NEW ENCLOSED CIRCUIT BREAKER DETAILS.

ELECTRICAL KEYED NOTES

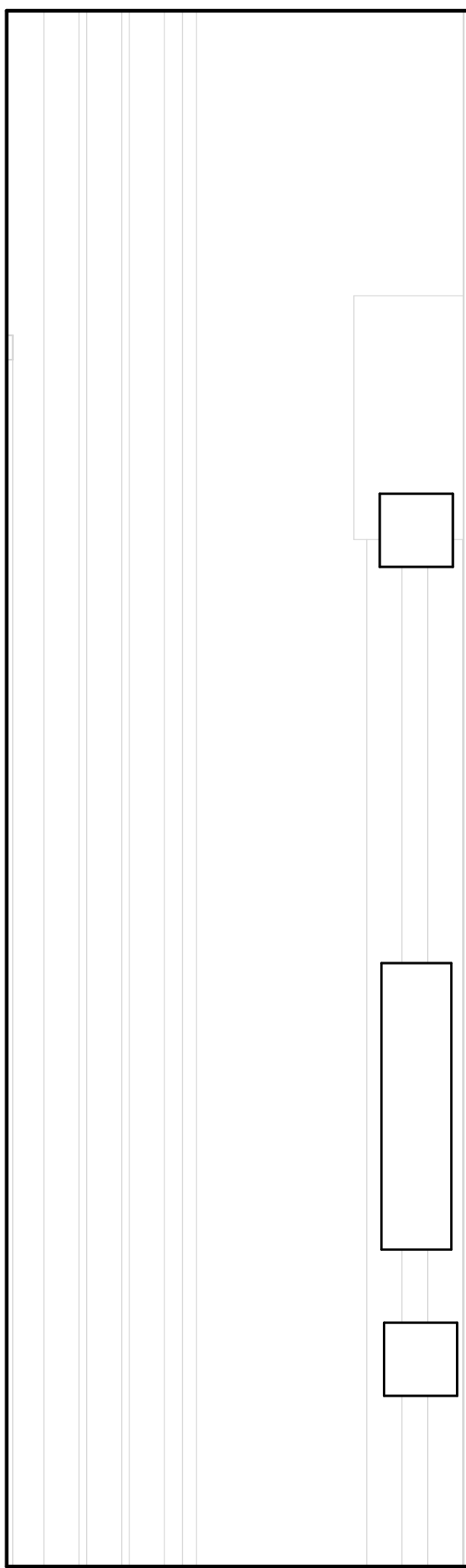
- FURNISH AND INSTALL FEEDER CONDUIT AND CABLING. CONNECT FEEDER CABLES TO EXISTING RISER CABLE AT METAL PULL BOX LOCATION.
- FURNISH AND INSTALL CONDUITS, CABLING AND ENCLOSED CIRCUIT BREAKER.
- FURNISH AND INSTALL METAL RACEWAY/PULL BOX AT PANELBOARD TOP SECTION.
- FURNISH AND INSTALL METAL RACEWAY/PULL BOX AT PANELBOARD BOTTOM SECTION.
- CONNECT EXISTING CONDUITS AT PANELBOARD TOP SECTION INTO METAL RACEWAY/PULL BOX.
- CONNECT EXISTING CONDUITS AT PANELBOARD BOTTOM SECTION INTO METAL RACEWAY/PULL BOX.
- FURNISH AND INSTALL CONDUITS FROM TOP AND BOTTOM METAL RACEWAYS/PULL BOXES AND CONNECT TO PANELBOARDS.
- FURNISH AND INSTALL BRANCH WIRING FOR BRANCH CIRCUITS THAT ARE ROUTED AT PANELBOARD TOP SECTIONS. FURNISH AND INSTALL WIRE SPLICING OF EXISTING AND NEW WIRES WITHIN THE METAL RACEWAY/PULL BOX.
- FURNISH AND INSTALL BRANCH WIRING FOR BRANCH CIRCUITS THAT ARE ROUTED AT PANELBOARD BOTTOM SECTIONS. FURNISH AND INSTALL WIRE SPLICING OF EXISTING AND NEW WIRES WITHIN METAL RACEWAY/PULL BOX.
- UL-44-1 UL-44-2: FURNISH AND INSTALL PANELBOARD, 84 CIRCUIT PANELBOARD.
- FURNISH AND INSTALL DUPLEX GFI OUTLET, CONDUIT AND WIRING. REFER TO DRAWING E-601 FOR NOTES REGARDING GFI OUTLET MOUNTING LOCATION.
- FURNISH AND INSTALL SURFACE MOUNTED LIGHT FIXTURE.

FOURTH LEVEL - 4409 EC - CONSTRUCTION PLAN

1" = 1'-0" 0 1/2' 1' 2'

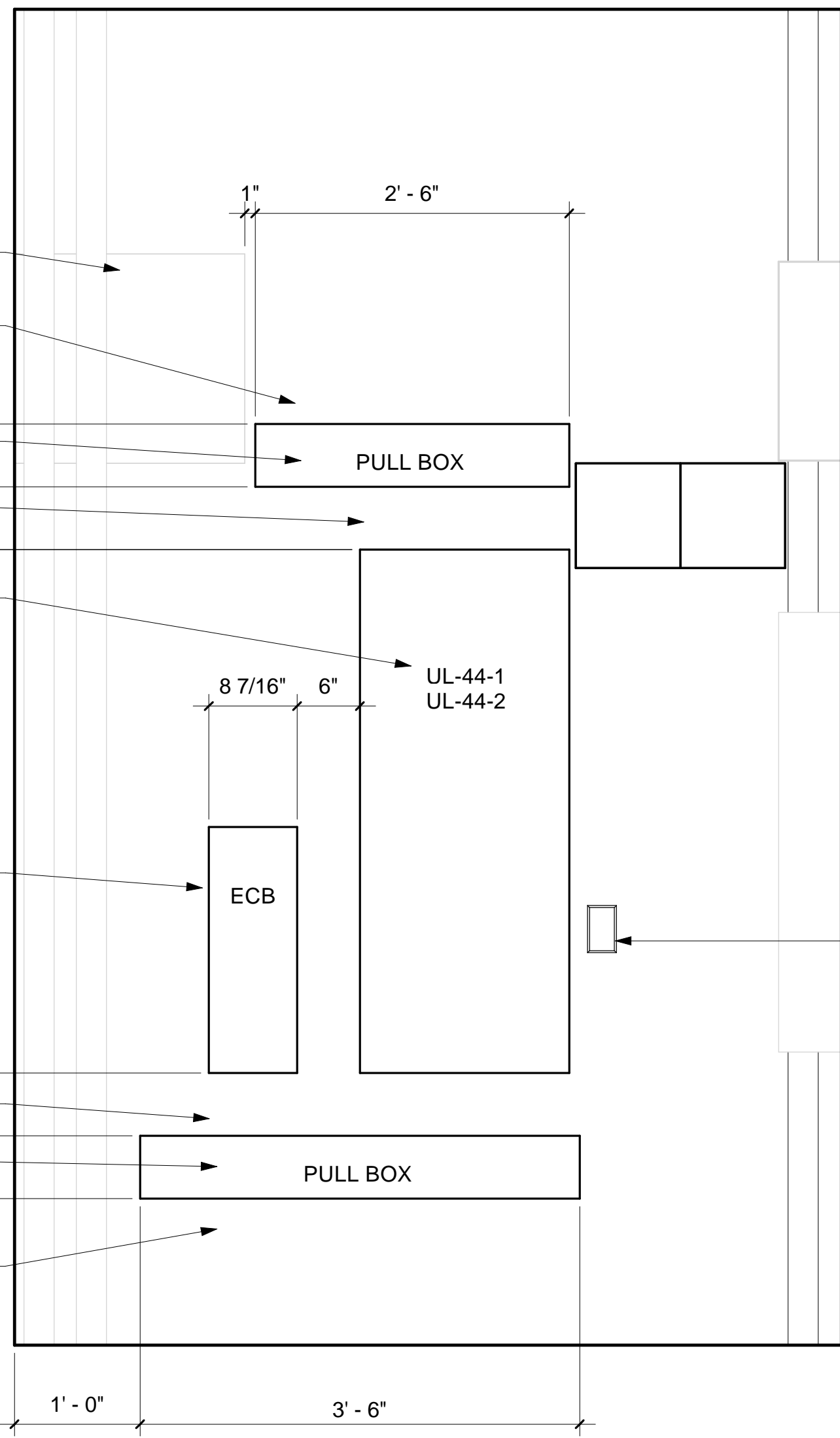


1



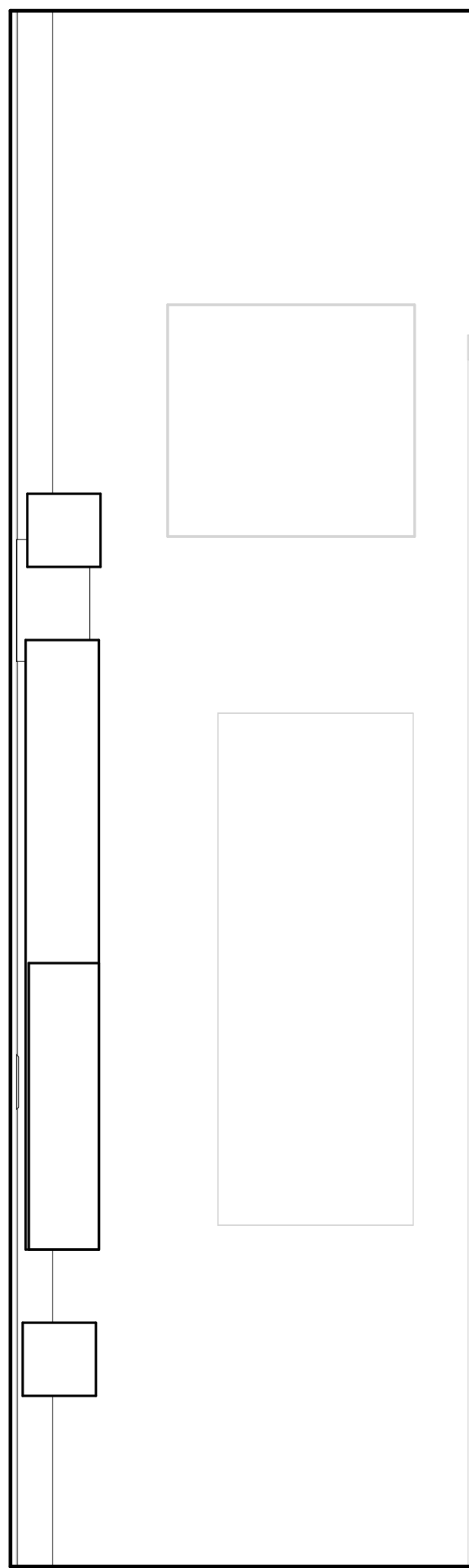
4409 EC - CONSTRUCTION ELEVATION C

1" = 1'-0" 0 1/2' 1' 2'



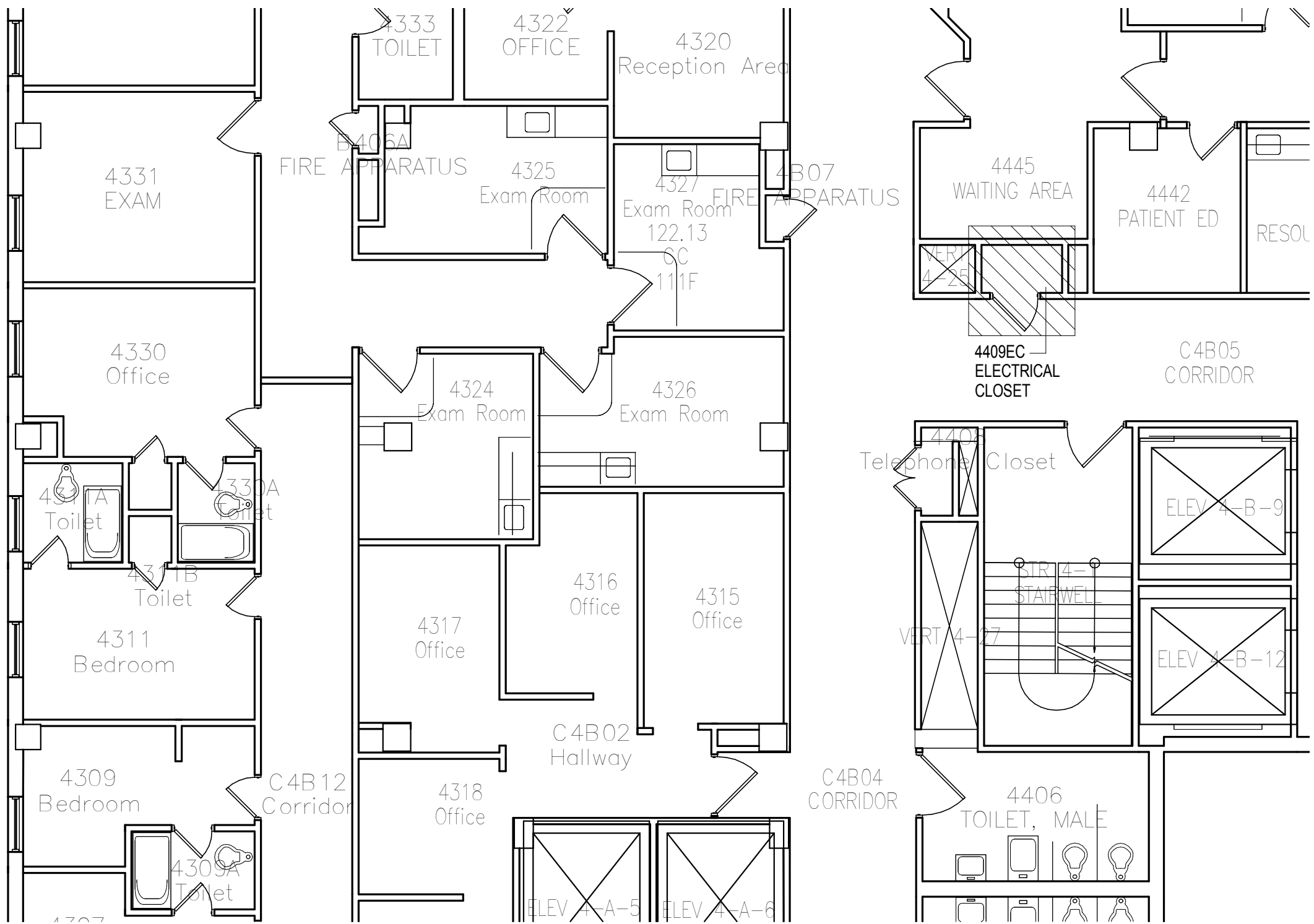
4409 EC - CONSTRUCTION ELEVATION A

1" = 1'-0" 0 1/2' 1' 2'



4409 EC - CONSTRUCTION ELEVATION B

1" = 1'-0" 0 1/2' 1' 2'



KEY PLAN 4409 EC

NOT TO SCALE



2

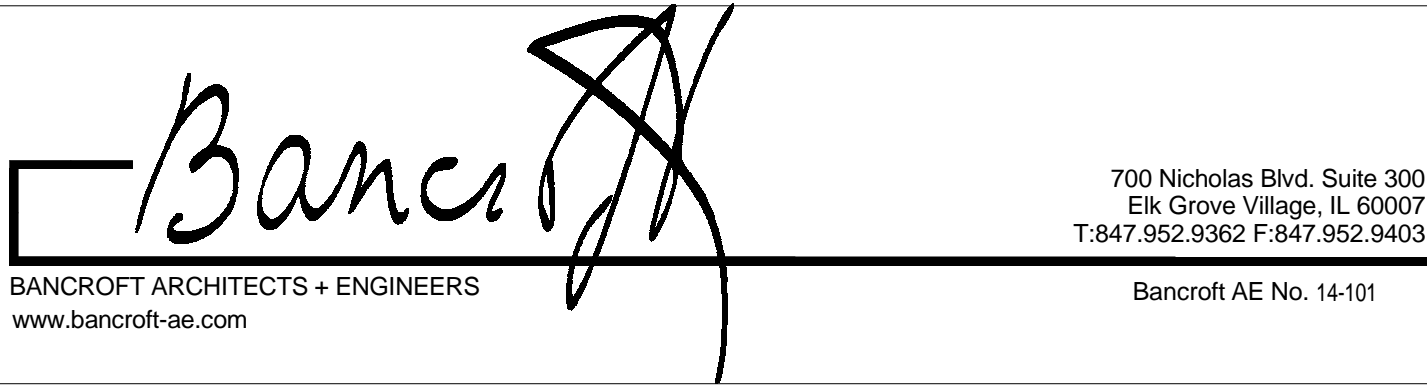
4409 EC

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

CONSULTANTS:

ARCHITECT/ENGINEERS:



Drawing Title  
ROOM 4409 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

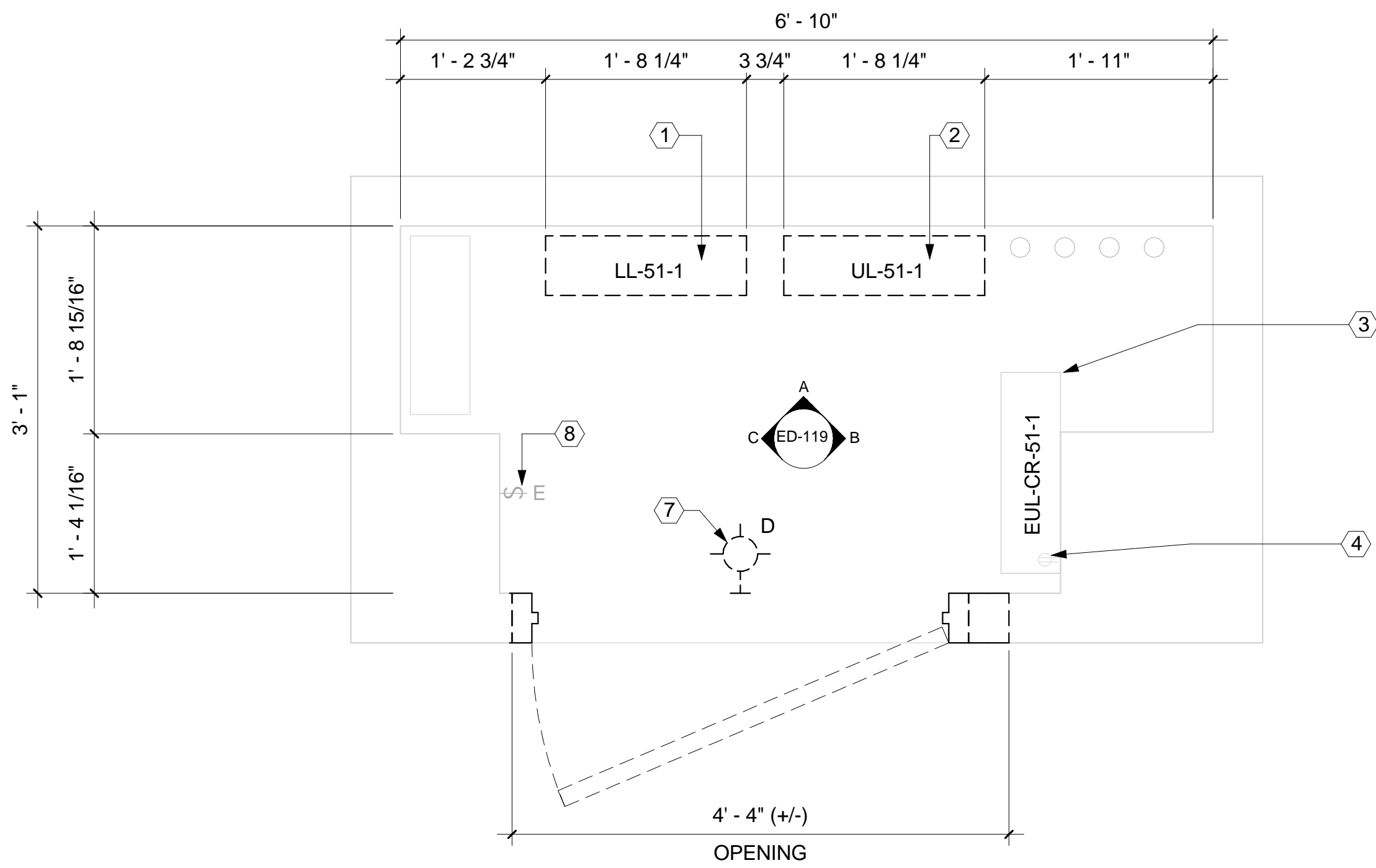
Project Number  
695-16-108

Building Number  
111

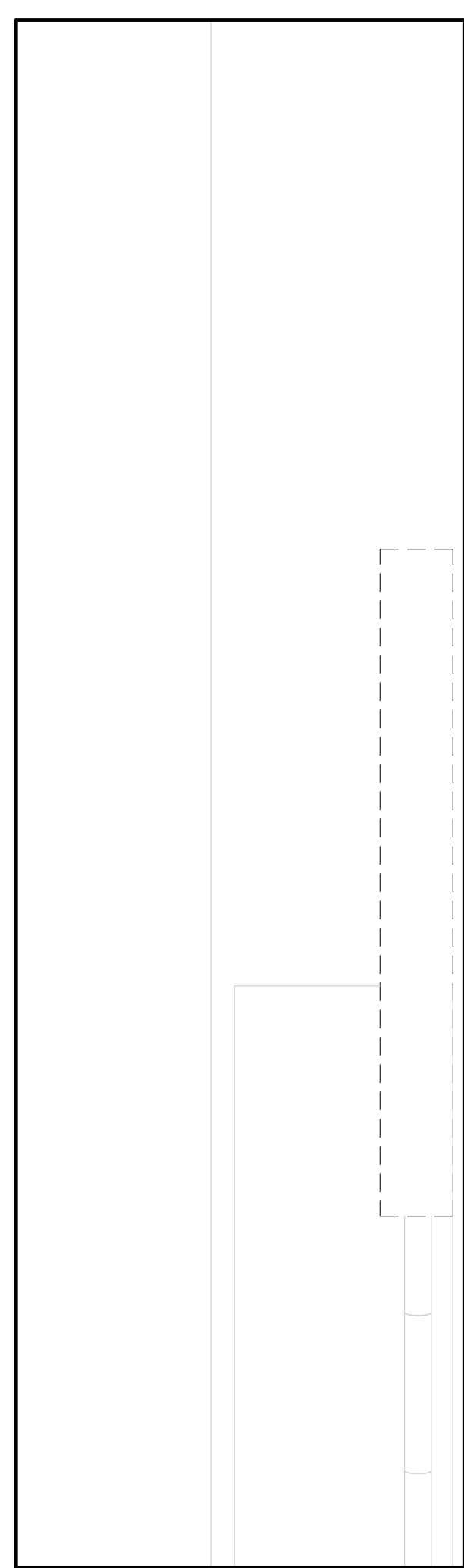
Drawing Number  
E-118

Office of  
Construction  
and Facilities  
Management

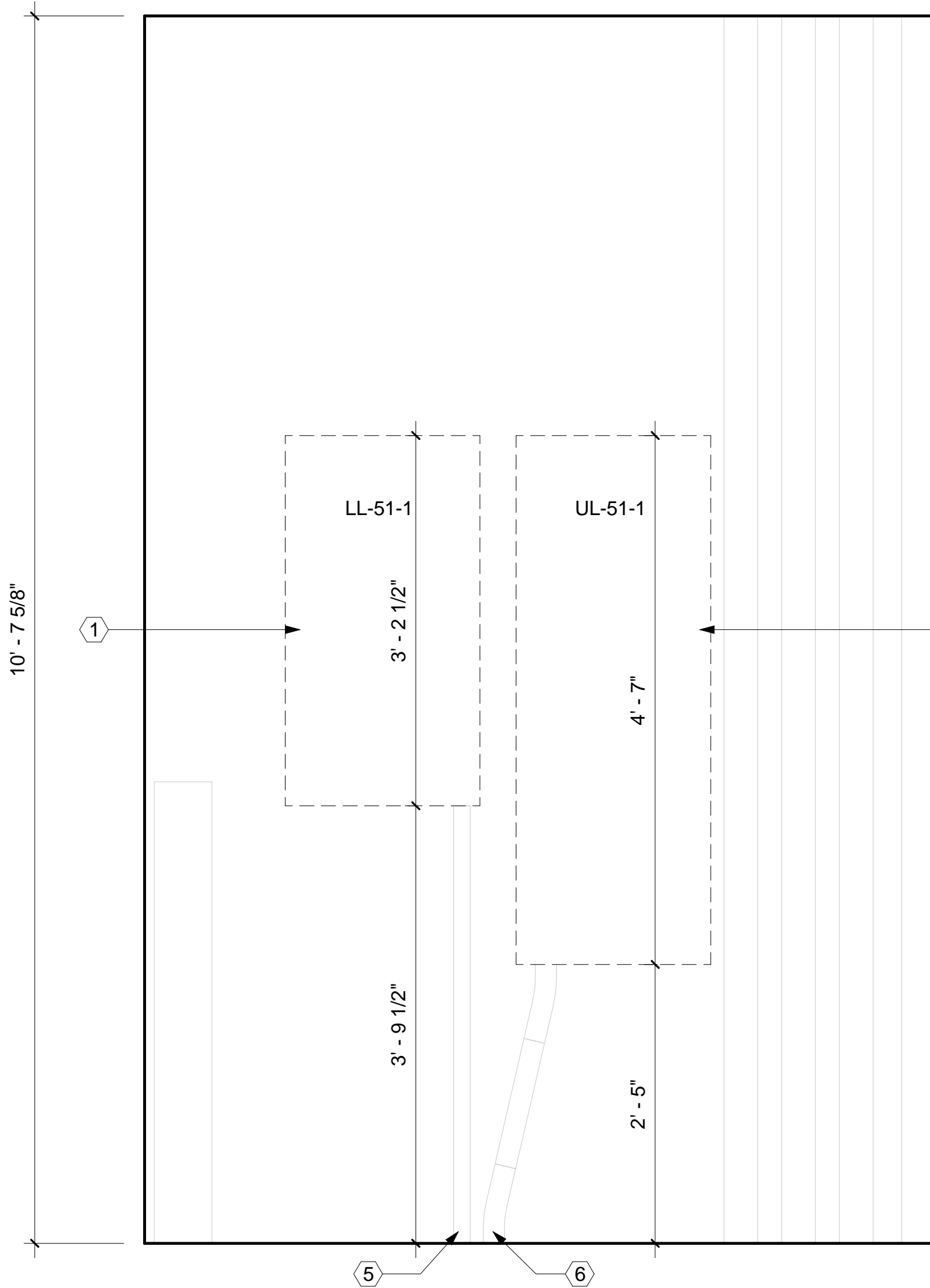




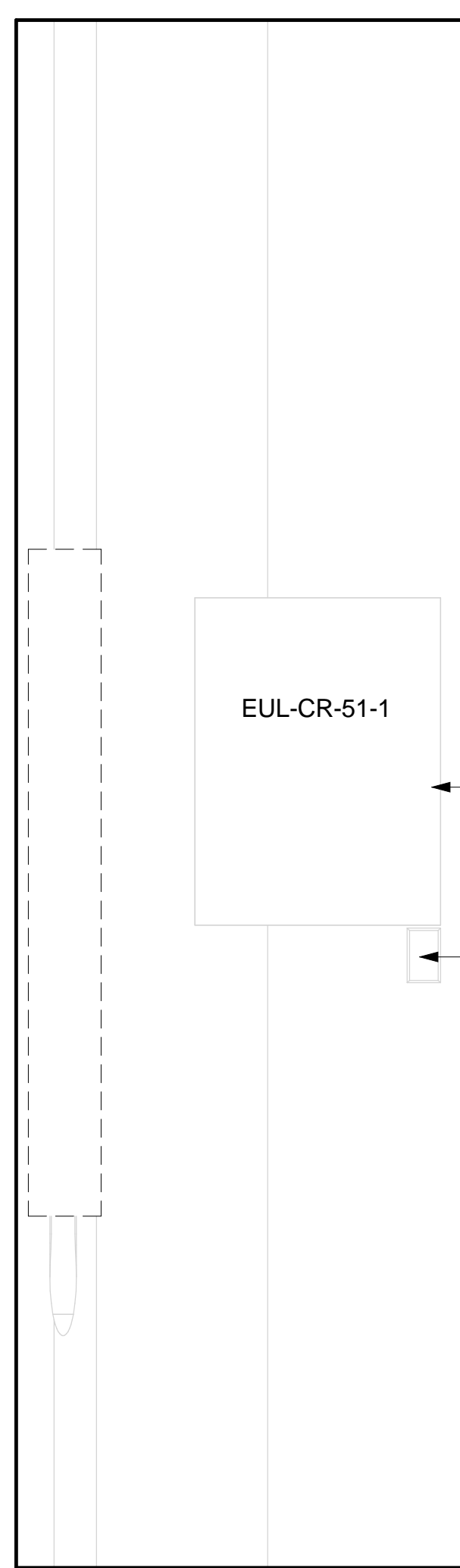
1 FIFTH FLOOR LEVEL - ROOM 5120 EC - DEMOLITION PLAN  
1" = 1'-0"



C 5120 EC - DEMOLITION ELEVATION C  
1" = 1'-0"



A 5120 EC - DEMOLITION ELEVATION A  
1" = 1'-0"



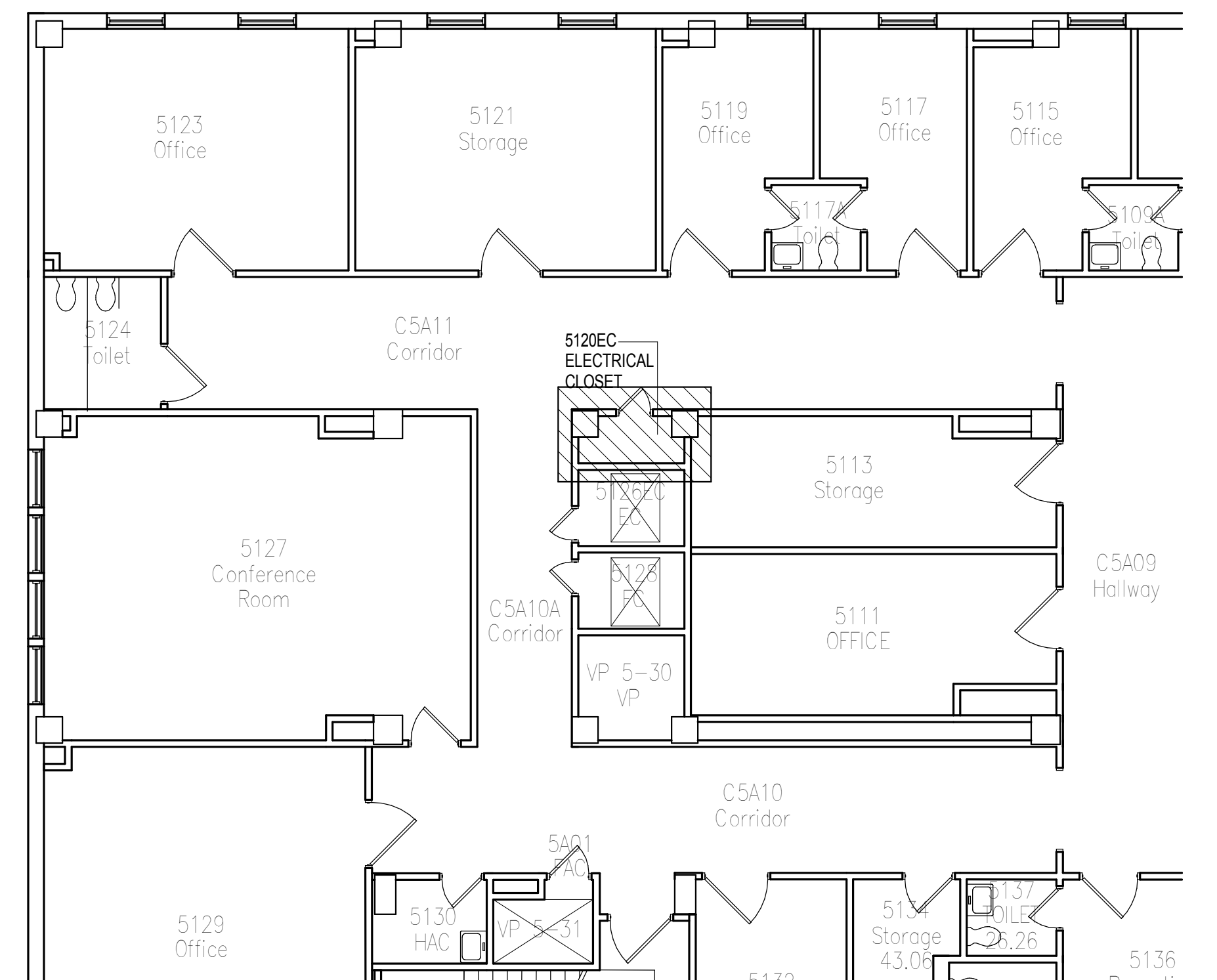
B 5120 EC - DEMOLITION ELEVATION B  
1" = 1'-0"



P1 5120 EC - PHOTO 1  
NOT TO SCALE



P2 5120 EC - PHOTO 2  
NOT TO SCALE



2 KEY PLAN 5120 EC DEMOLITION  
NOT TO SCALE

5120 EC

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

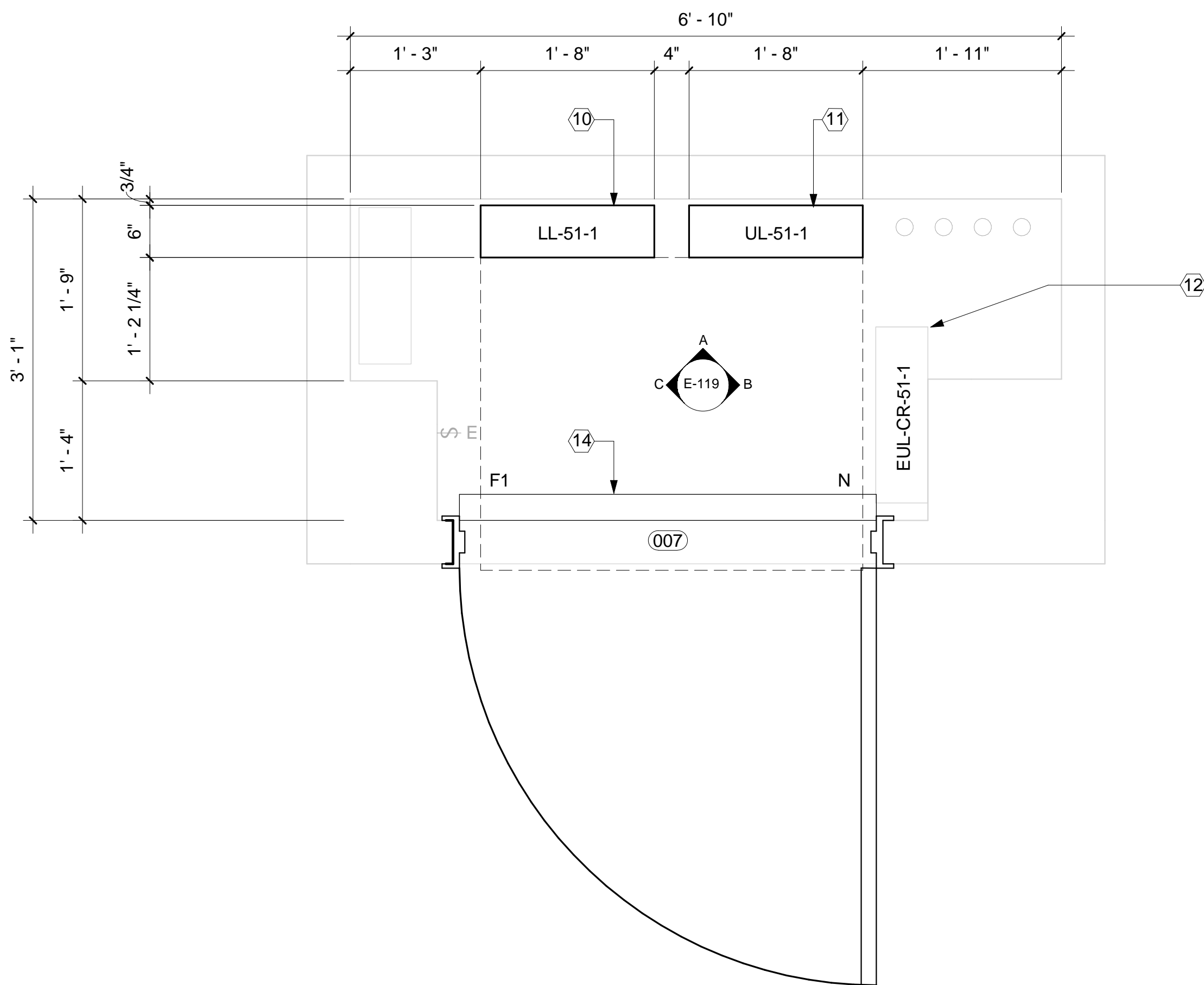
CONSULTANTS:	
--------------	--

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

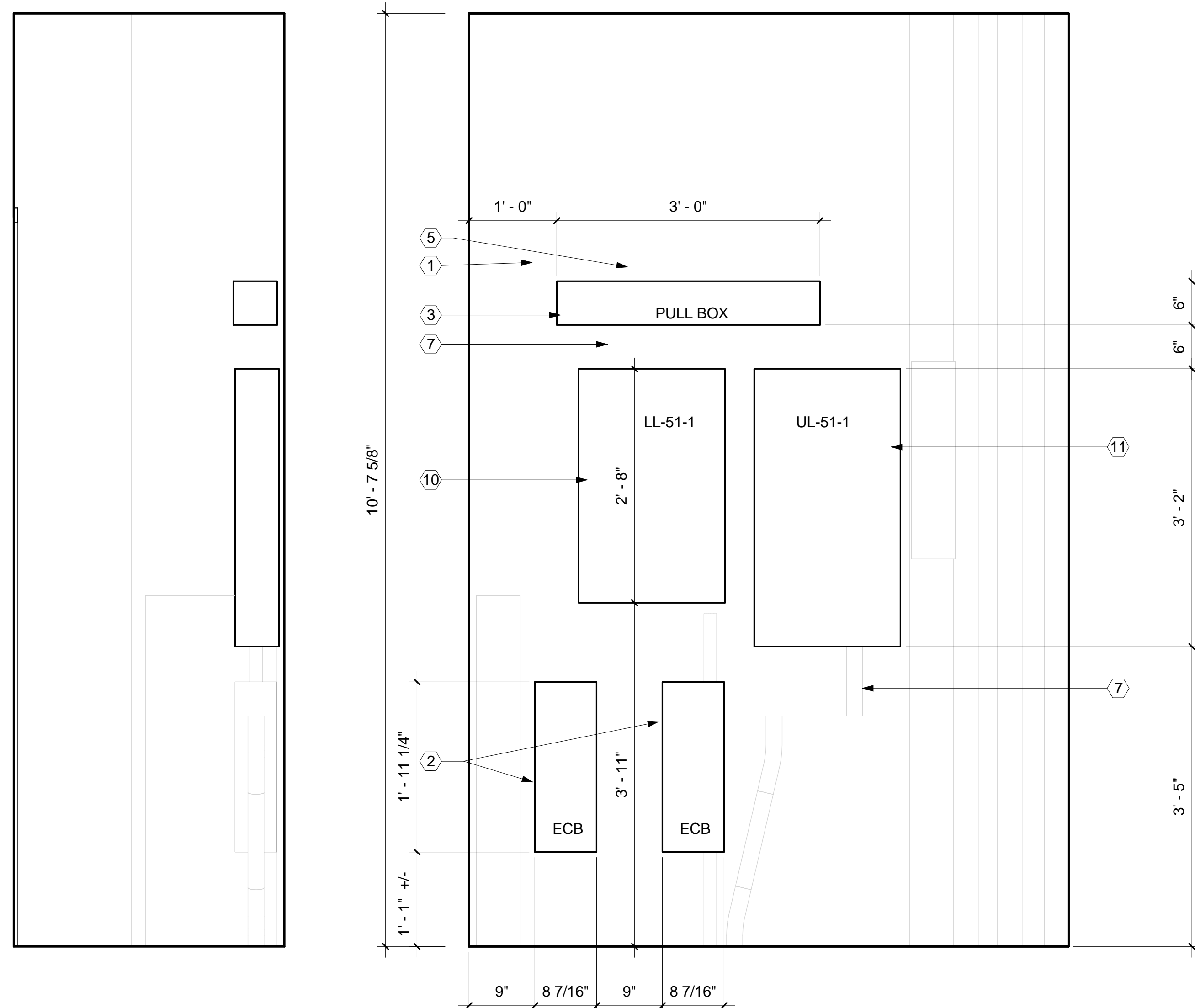
Drawing Title	ROOM 5120 EC - ELECTRICAL DEMOLITION PLAN
Approved: Project Director	-
VAPAHCS PLANNING AND ENGINEERING	

Project Title	UPGRADE W PANELS	Project Number	695-16-108
Location	5000 W. NATIONAL AVE. MILWAUKEE, WI 53295	Building Number	111
Date	01/13/2017	Drawing Number	ED-119
Checked	LF	Drawn	AG AB EM
Office of Construction and Facilities Management Department of Veterans Affairs			

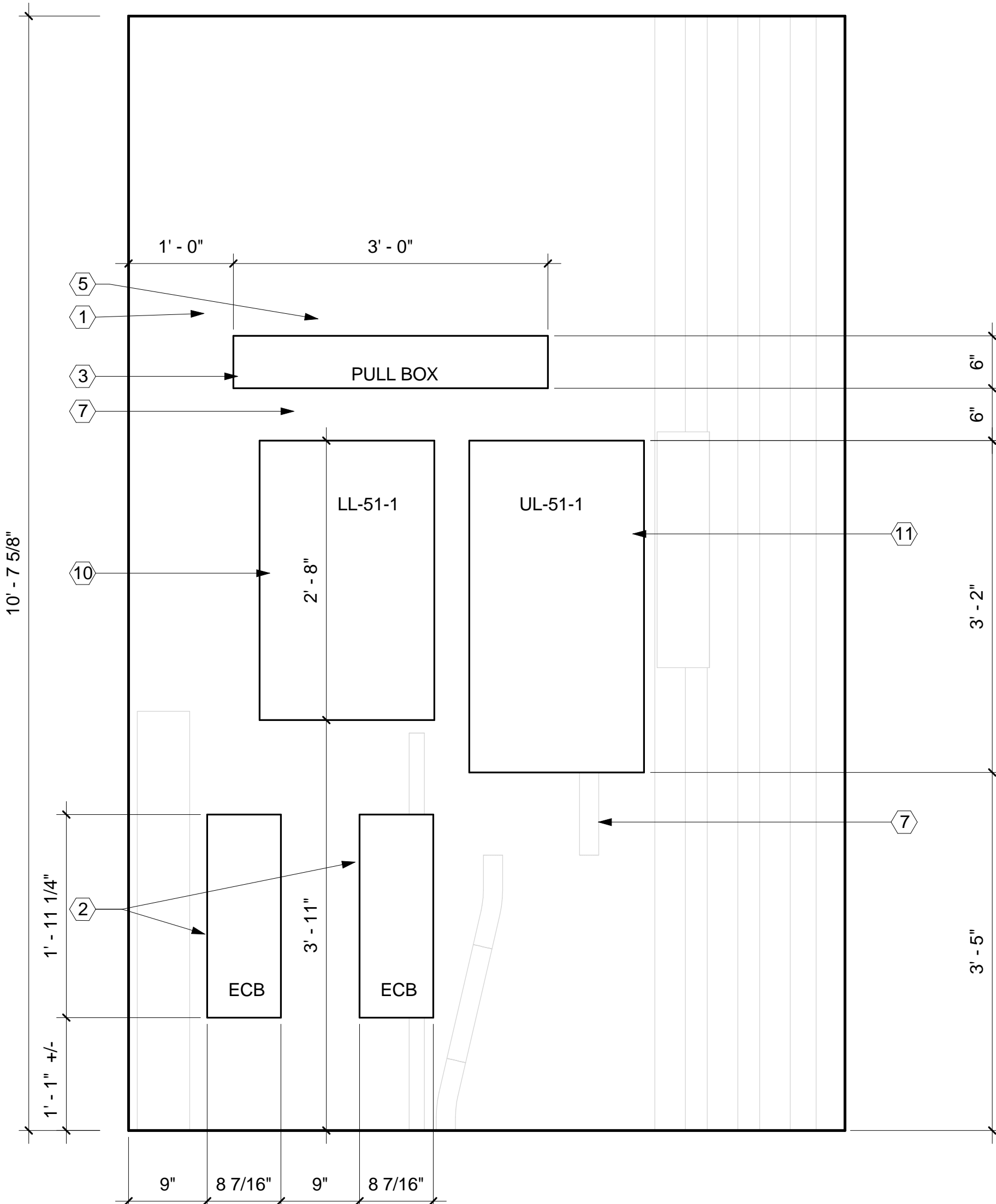




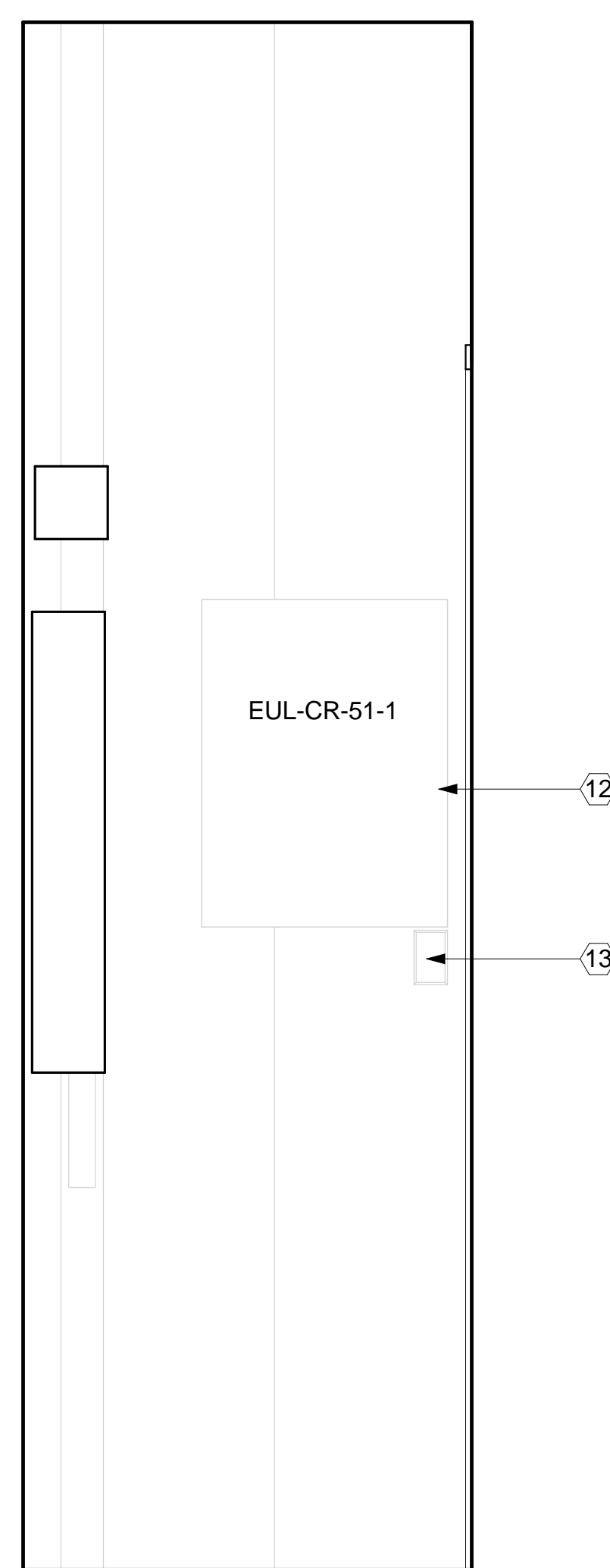
PLAN NORTH  
**1 FIFTH FLOOR LEVEL - ROOM 5120 EC - CONSTRUCTION PLAN**  
1" = 1'-0"



**C 5120 EC - CONSTRUCTION ELEVATION C**  
1" = 1'-0"



**A 5120 EC - CONSTRUCTION ELEVATION A**  
1" = 1'-0"



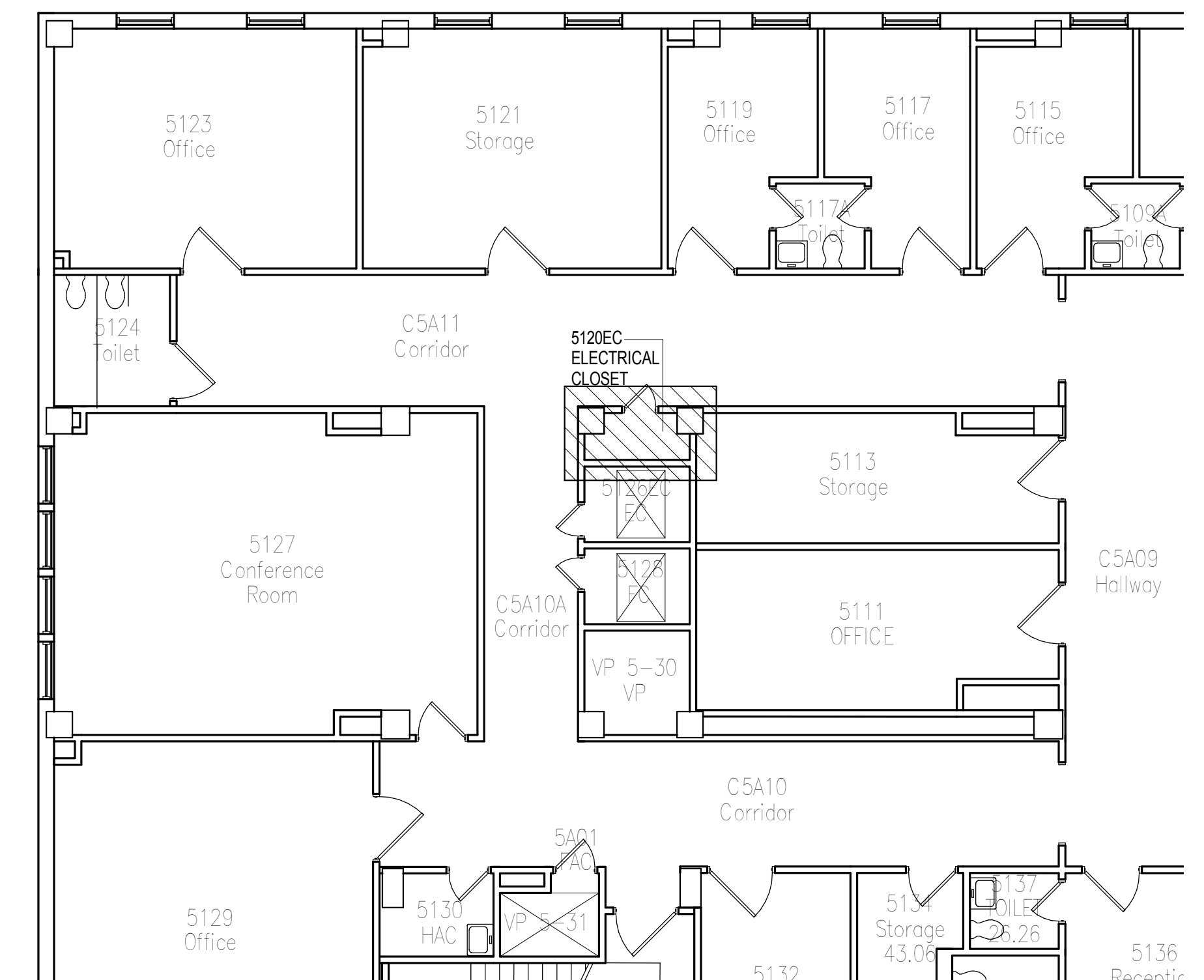
**B 5120 EC - CONSTRUCTION ELEVATION B**  
1" = 1'-0"

## GENERAL NOTES

- REFER TO ARCHITECTURAL CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION.
- REFER TO DRAWING E-601 FOR TYPICAL NEW PANELBOARD DETAILS.
- REFER TO DRAWING E-602 FOR TYPICAL NEW ENCLOSED CIRCUIT BREAKER DETAILS.

## ELECTRICAL KEYED NOTES

- FURNISH AND INSTALL FEEDER CONDUIT AND CABLING. CONNECT FEEDER CABLES TO EXISTING RISER CABLE AT METAL PULL BOX LOCATION.
- FURNISH AND INSTALL CONDUITS, CABLING AND ENCLOSED CIRCUIT BREAKER.
- FURNISH AND INSTALL METAL RACEWAY/PULL BOX AT PANELBOARD TOP SECTION.
- FURNISH AND INSTALL METAL RACEWAY/PULL BOX AT PANELBOARD BOTTOM SECTION.
- CONNECT EXISTING CONDUITS AT PANELBOARD TOP SECTION INTO METAL RACEWAY/PULL BOX.
- CONNECT EXISTING CONDUITS AT PANELBOARD BOTTOM SECTION INTO METAL RACEWAY/PULL BOX.
- FURNISH AND INSTALL CONDUITS FROM TOP AND BOTTOM METAL RACEWAYS/PULL BOXES AND CONNECT TO PANELBOARDS.
- FURNISH AND INSTALL BRANCH WIRING FOR BRANCH CIRCUITS THAT ARE ROUTED AT PANELBOARD TOP SECTIONS. FURNISH AND INSTALL WIRE SPLICING OF EXISTING AND NEW WIRES WITHIN THE METAL RACEWAY/PULL BOX.
- FURNISH AND INSTALL BRANCH WIRING FOR BRANCH CIRCUITS THAT ARE ROUTED AT PANELBOARD BOTTOM SECTIONS. FURNISH AND INSTALL WIRE SPLICING OF EXISTING AND NEW WIRES WITHIN METAL RACEWAY/PULL BOX.
- LL-51-1:  
FURNISH AND INSTALL PANELBOARD, 30 CIRCUIT PANELBOARD.
- UL-51-1:  
FURNISH AND INSTALL PANELBOARD, 42 CIRCUIT PANELBOARD.
- EXISTING PANELBOARD EUL-CR-51-1 IS SCHEDULED TO REMAIN.
- FURNISH AND INSTALL DUPLEX GFI OUTLET, CONDUIT AND WIRING. REFER TO DRAWING E-601 FOR NOTES REGARDING GFI OUTLET MOUNTING LOCATION.
- FURNISH AND INSTALL SURFACE MOUNTED LIGHT FIXTURE.



PLAN NORTH  
**2 KEY PLAN 5120 EC**  
NOT TO SCALE

# 5120 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:	
<b>Bancroft Architects + Engineers</b>	
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 5120 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-119**

Office of  
Construction  
and Facilities  
Management

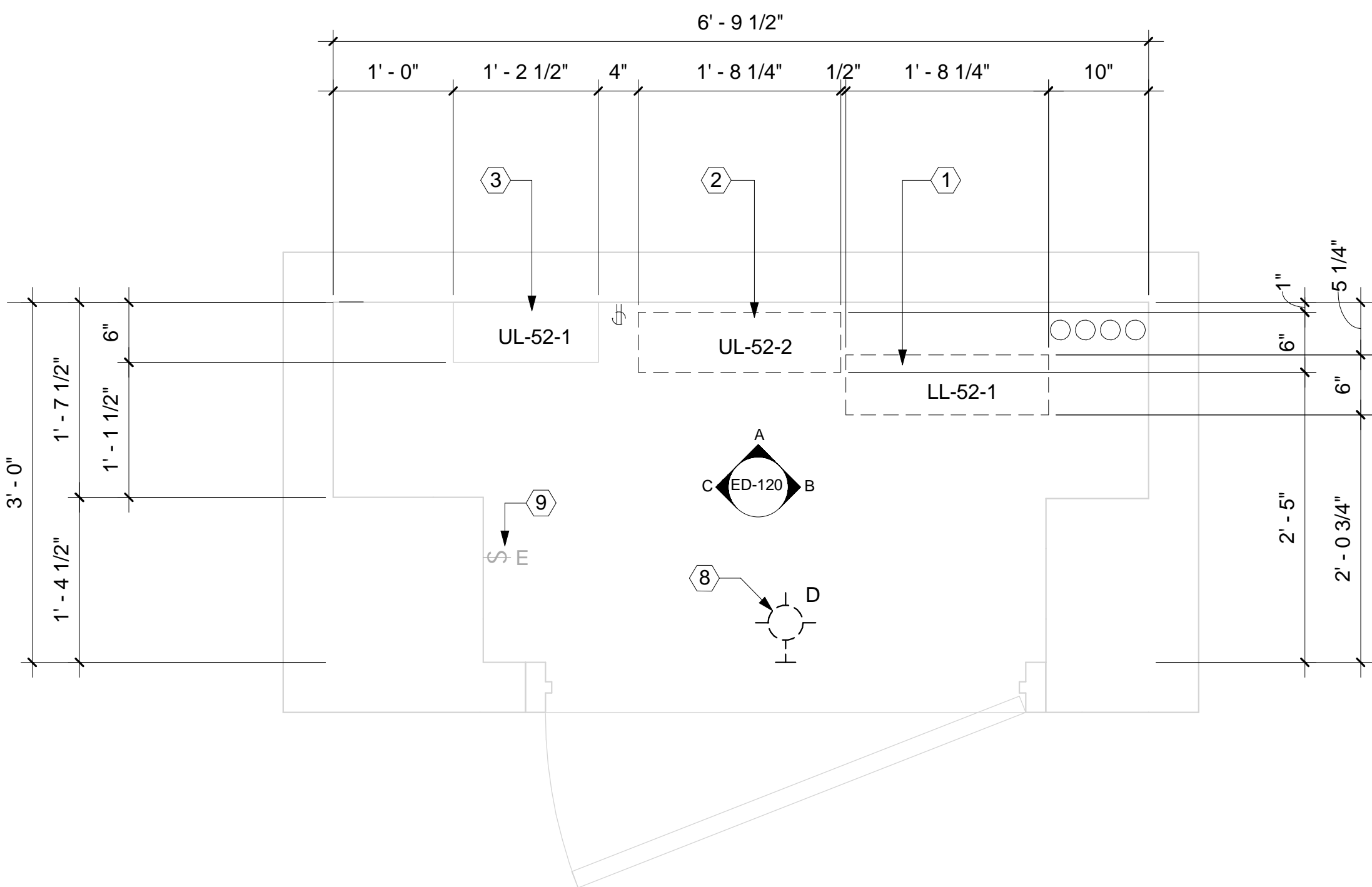
Department of  
Veterans Affairs

GENERAL NOTES

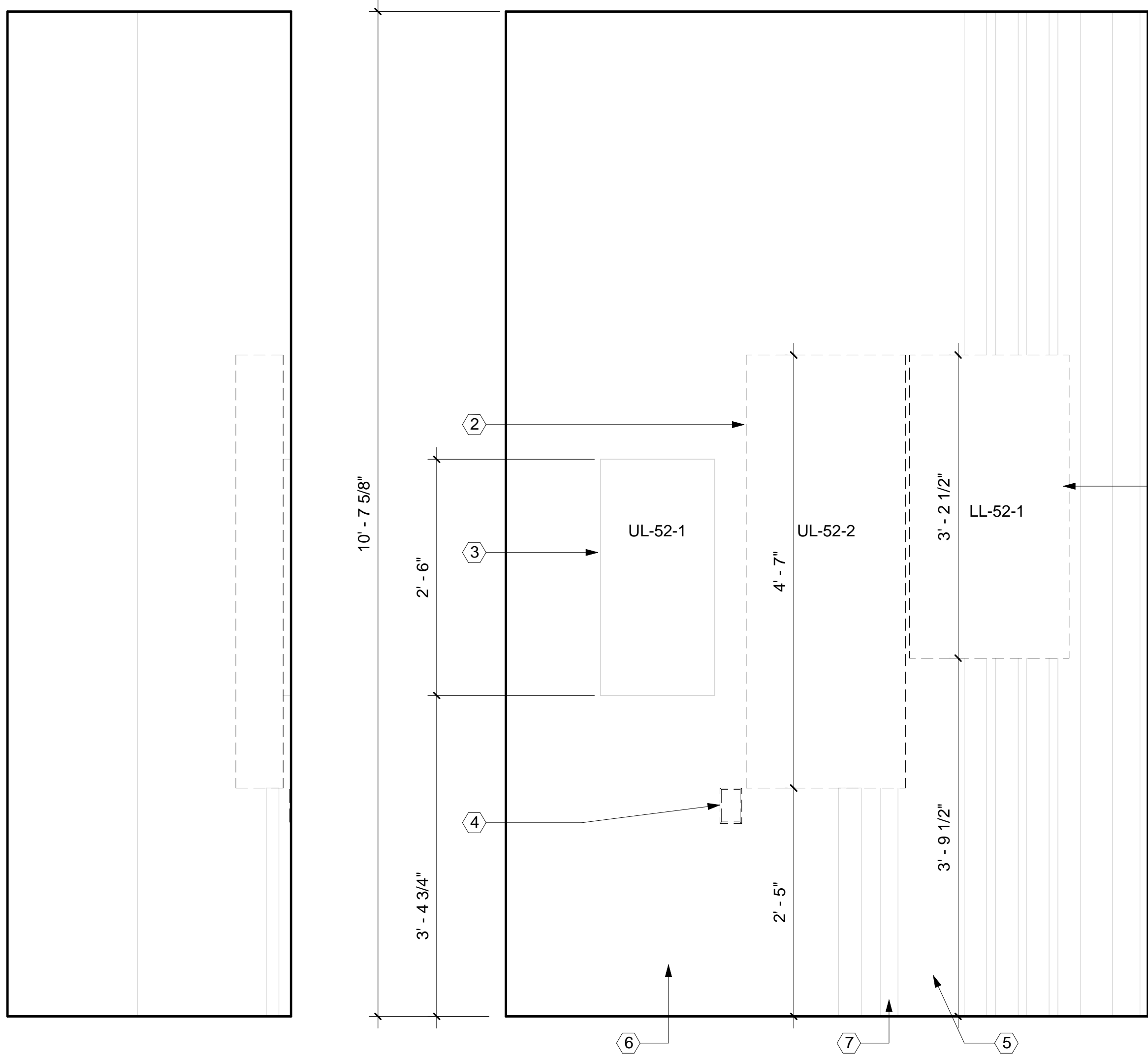
1. REFER TO DRAWING ED-601 FOR DEMOLITION DETAIL OF TYPICAL EXISTING PANELBOARD.
2. REFER TO SPECIFICATIONS, VOLUME 2, APPENDIX B - PHOTO DOCUMENTATION - EXISTING ELECTRICAL CLOSETS FOR INTERIOR PHOTOS OF EXISTING PANELBOARDS.

ELECTRICAL KEYED NOTES

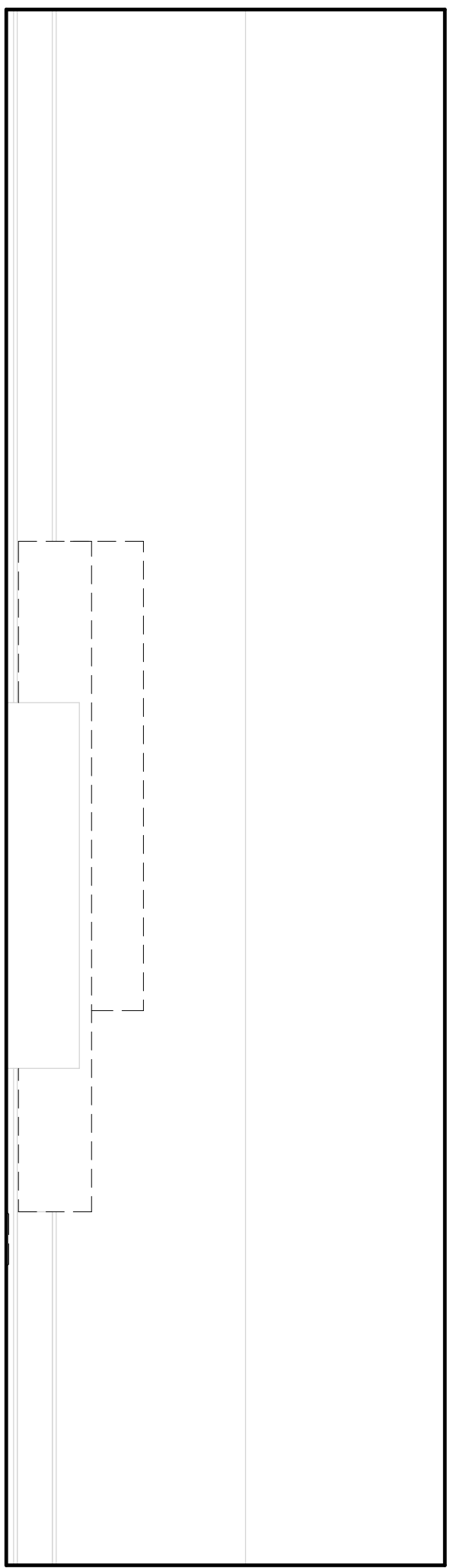
1. EXISTING PANELBOARD LL-52-1 TO BE DEMOLISHED. EXISTING PANELBOARD IS 24 CIRCUIT PANELBOARD. DISCONNECT FEEDER CABLES AND RESPECTIVE CONDUITS. DISCONNECT BRANCH WIRING AND CONDUITS.
2. EXISTING PANELBOARD UL-52-2 TO BE DEMOLISHED. EXISTING PANELBOARD IS 42 CIRCUIT PANELBOARD. DISCONNECT FEEDER CABLES AND RESPECTIVE CONDUITS. DISCONNECT BRANCH WIRING AND CONDUITS.
3. EXISTING PANELBOARD UL-52-1 IS SCHEDULED TO REMAIN.
4. EXISTING DUPLEX OUTLET TO BE DEMOLISHED.
5. EXISTING FEEDER CONDUIT TO PANELBOARD LL-52-1.
6. EXISTING FEEDER CONDUIT TO PANELBOARD UL-52-1.
7. EXISTING FEEDER CONDUIT TO PANELBOARD UL-52-2.
8. DEMOLISH EXISTING SURFACE MOUNTED LIGHT FIXTURE, WIRING, AND CONDUIT.
9. EXISTING SURFACE MOUNTED LIGHT SWITCH SHALL REMAIN. DEMOLISH WIRING FROM EXISTING SWITCH TO EXISTING LIGHT FIXTURE.



1 FIFTH FLOOR LEVEL - ROOM 5220 EC - DEMOLITION PLAN  
1" = 1'-0"



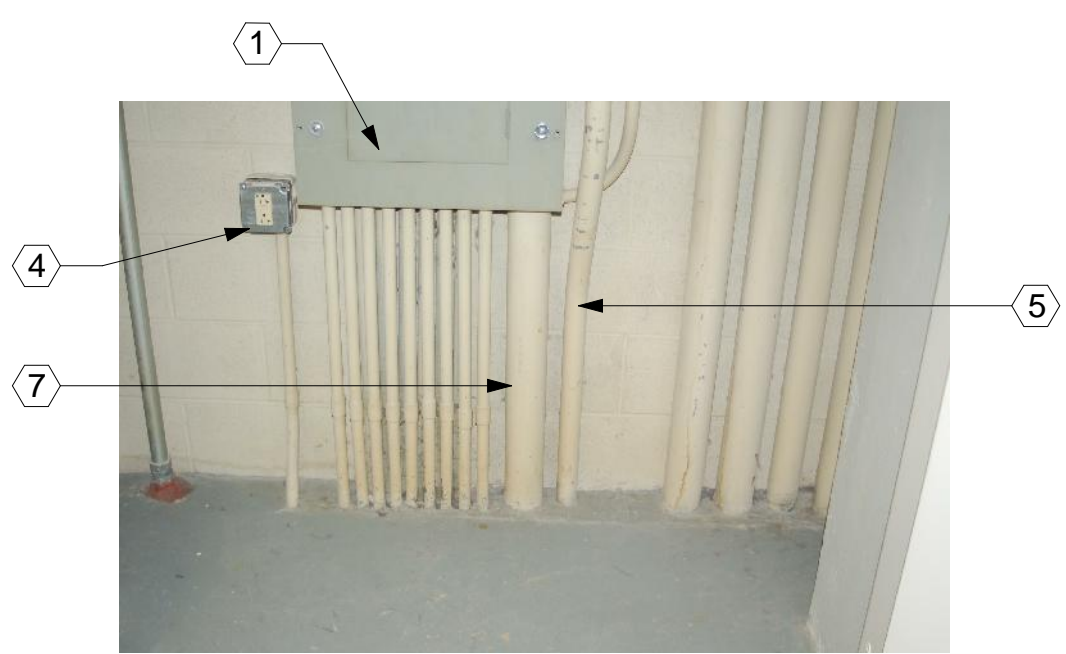
A 5220 EC - DEMOLITION ELEVATION A  
1" = 1'-0"



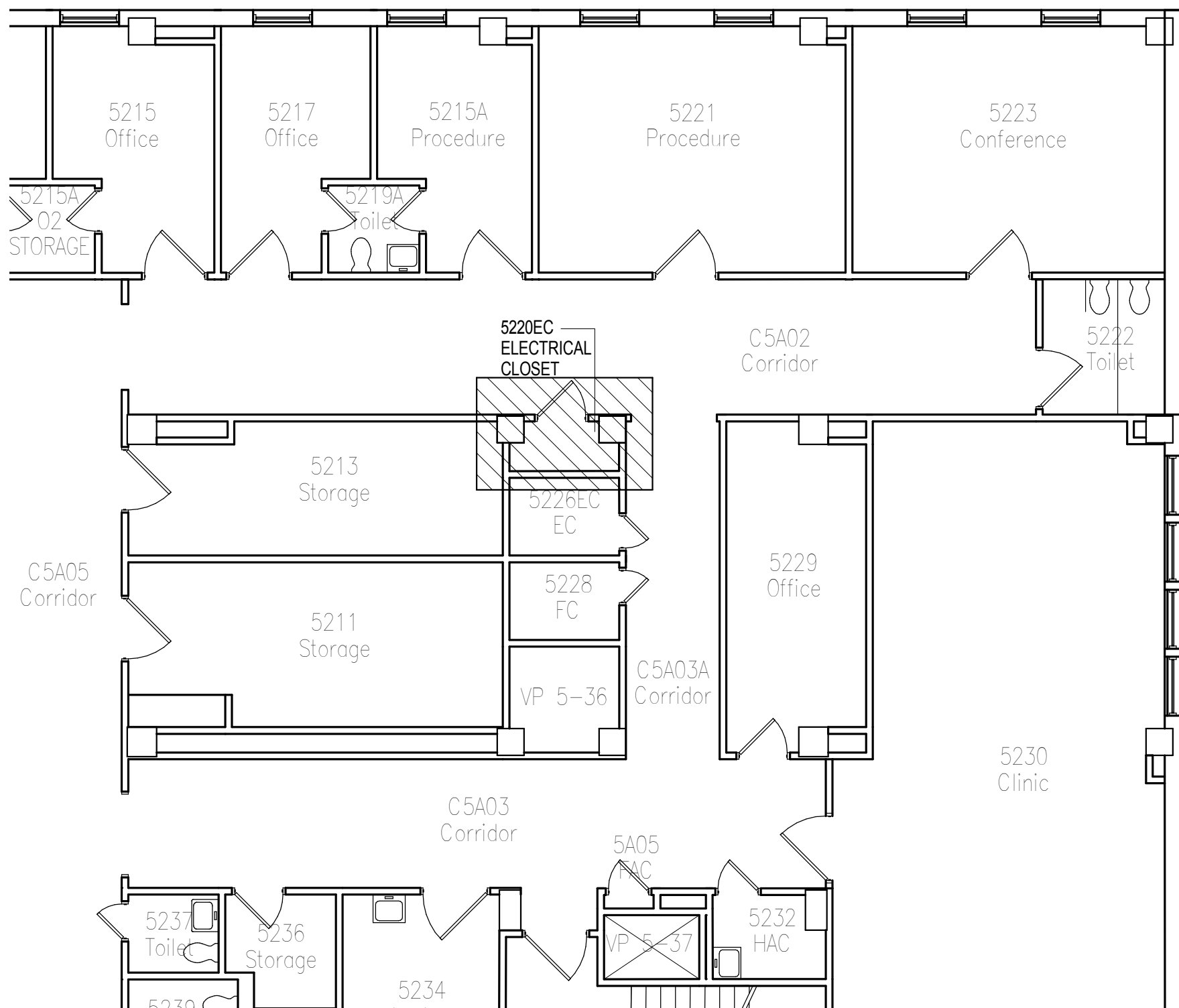
B 5220 EC - DEMOLITION ELEVATION B  
1" = 1'-0"



P1 5220 EC - PHOTO 1  
NOT TO SCALE



P2 5220 EC - PHOTO 2  
NOT TO SCALE



2 KEY PLAN 5220 EC DEMOLITION  
NOT TO SCALE

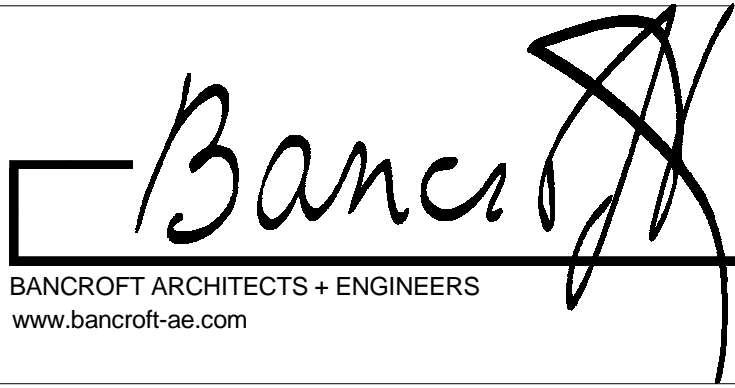
5220 EC

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

CONSULTANTS:

ARCHITECT/ENGINEERS:



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 5220 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-120

Office of  
Construction  
and Facilities  
Management

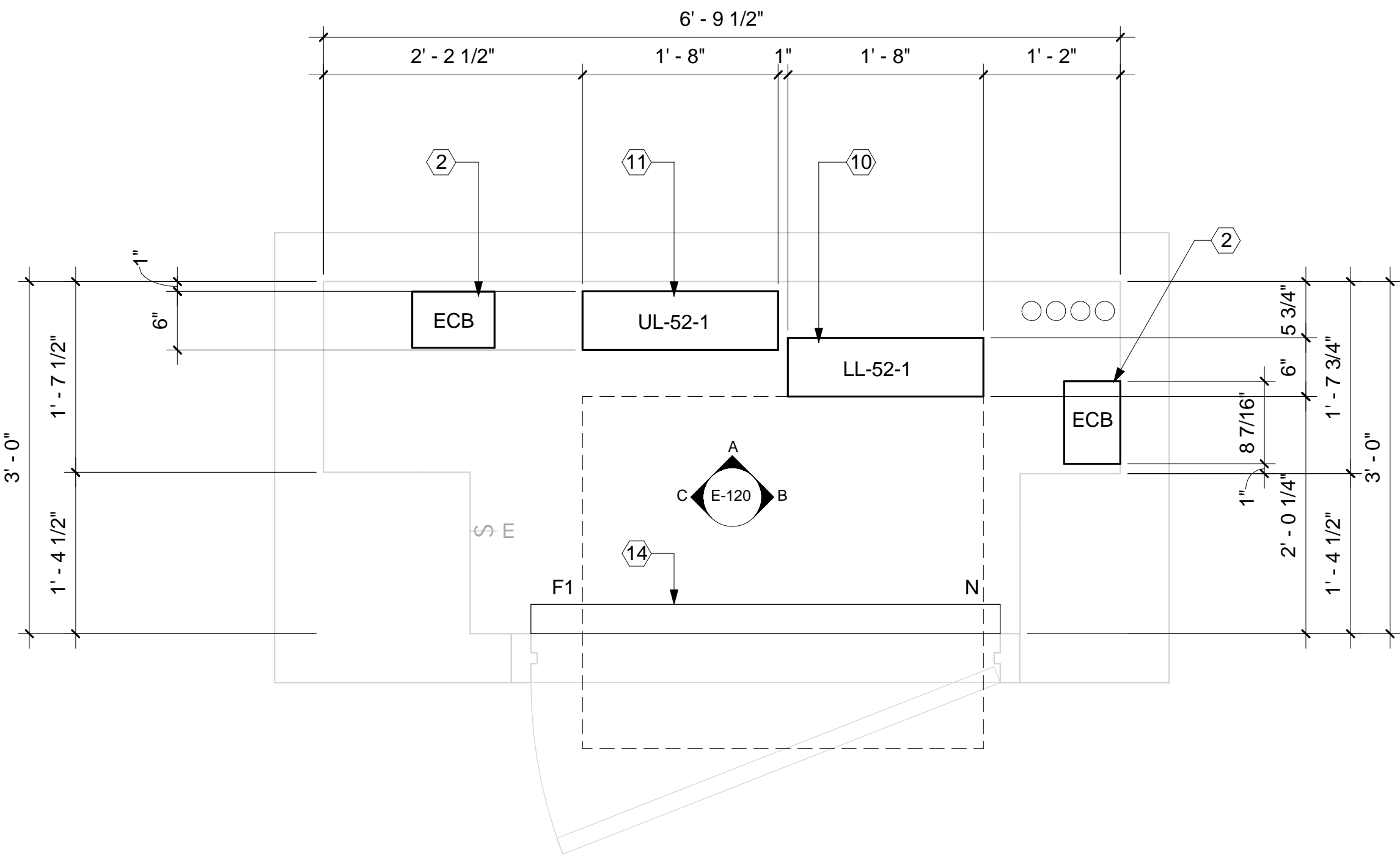




three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
one sixteenth inch = one foot

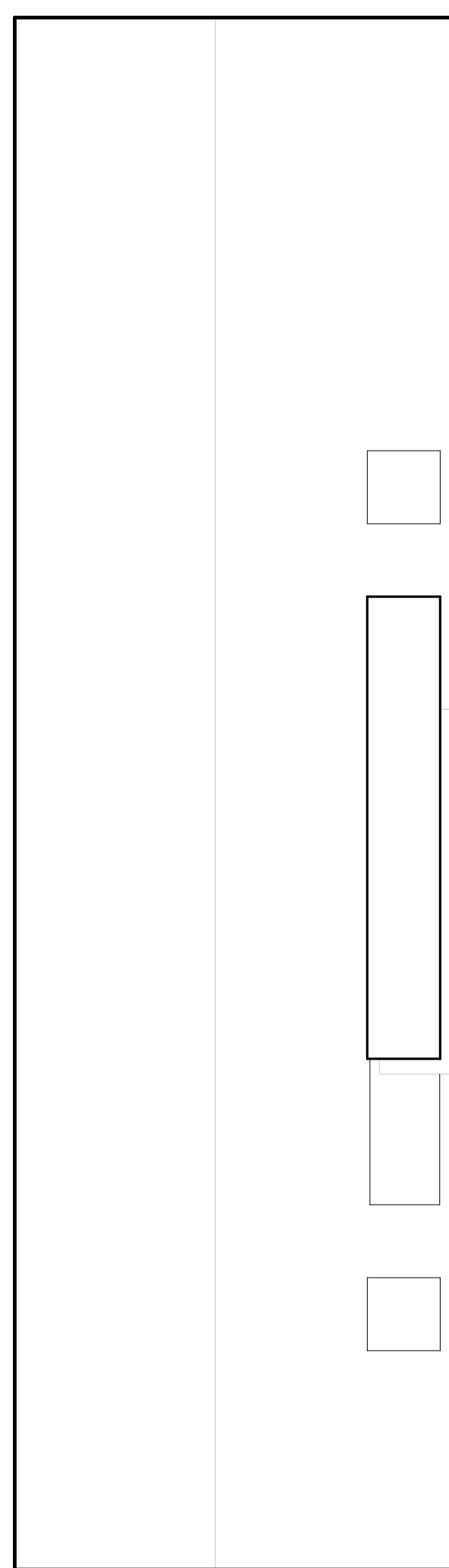
C:\Users\slagm\Documents\05 FIFTH FLOOR LEVEL - ELECTRICAL.dwg

VA FORM 08-6231



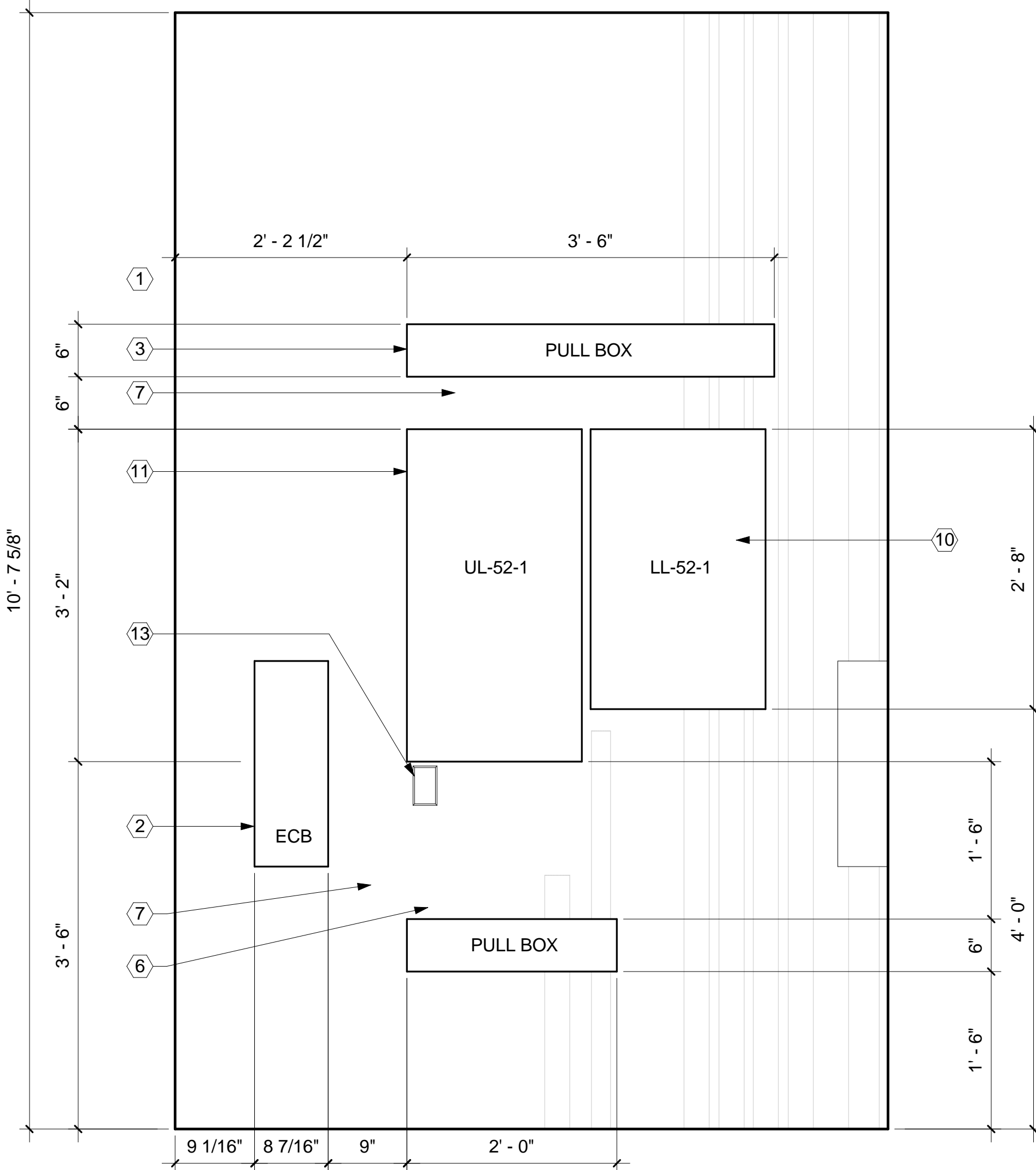
**1 FIFTH FLOOR LEVEL - ROOM 5220 EC - CONSTRUCTION PLAN**  
1" = 1'-0"

0 1/2" 1" 2"



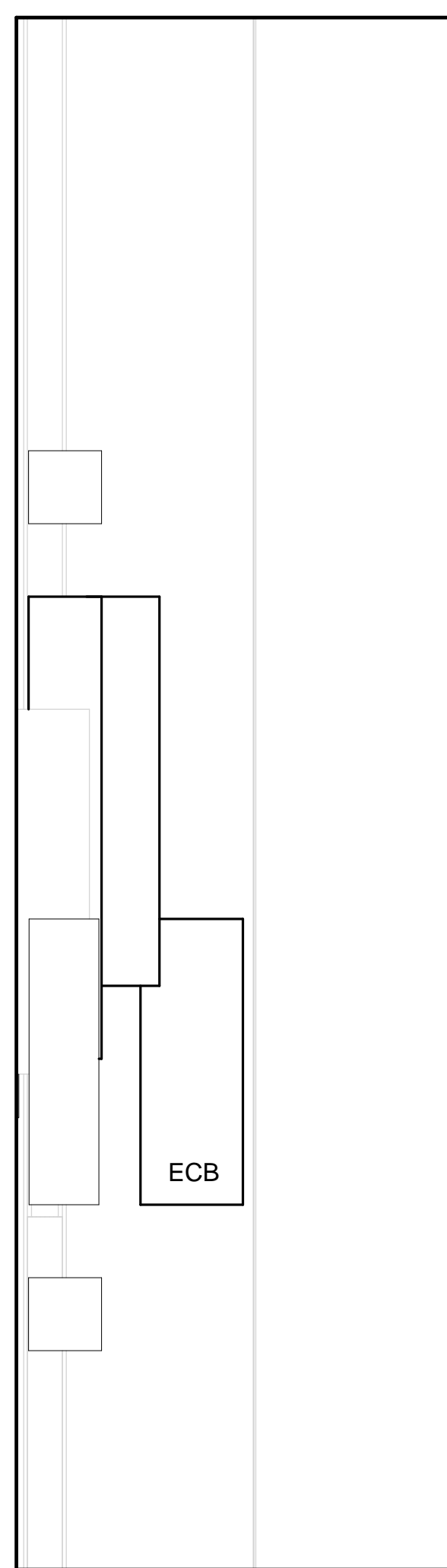
**C 5220 EC - CONSTRUCTION ELEVATION C**  
1" = 1'-0"

0 1/2" 1" 2"



**A 5220 EC - CONSTRUCTION ELEVATION A**  
1" = 1'-0"

0 1/2" 1" 2"



**B 5220 EC - CONSTRUCTION ELEVATION B**  
1" = 1'-0"

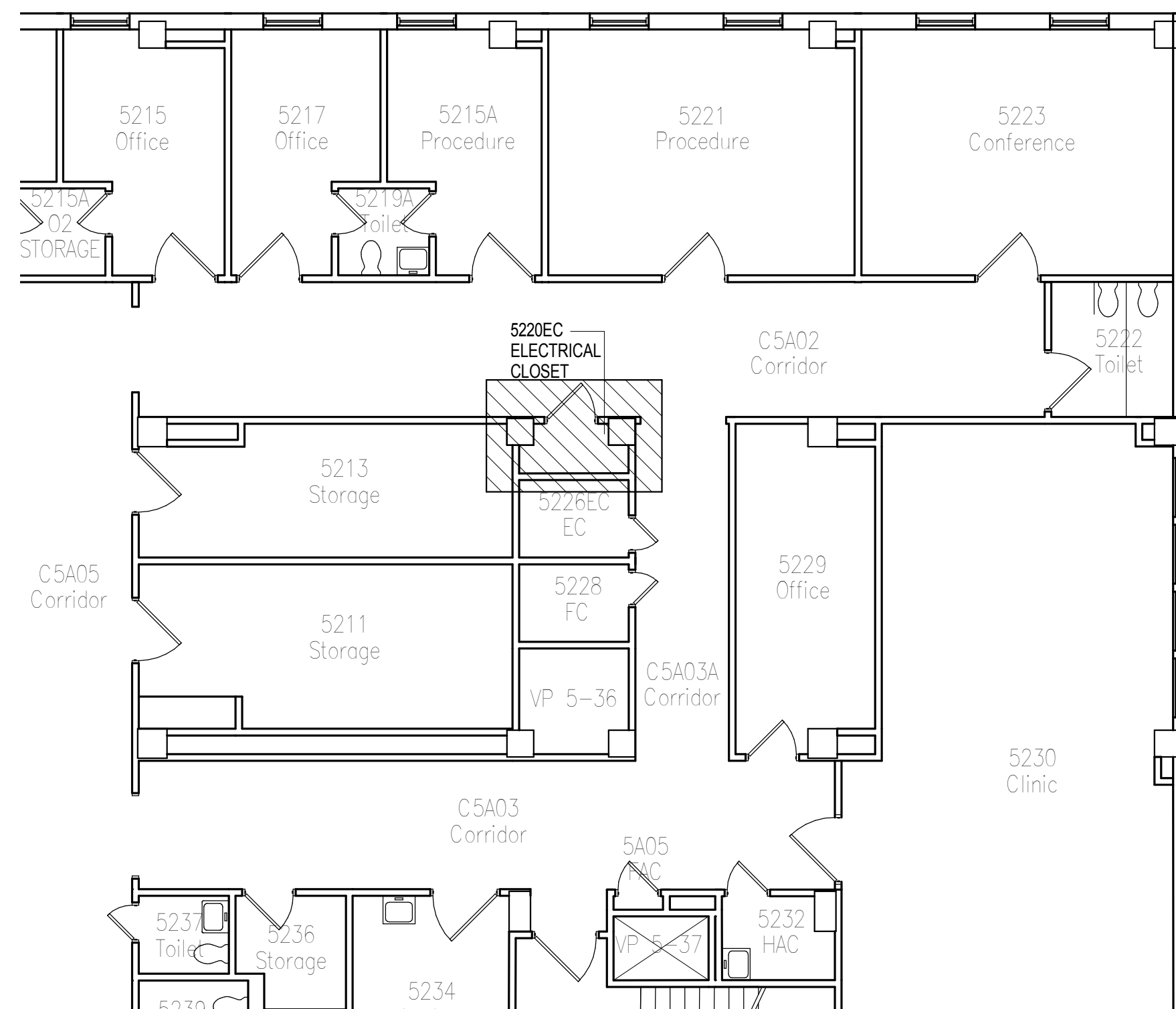
0 1/2" 1" 2"

## GENERAL NOTES

- REFER TO ARCHITECTURAL CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION.
- REFER TO DRAWING E-601 FOR TYPICAL NEW PANELBOARD DETAILS.
- REFER TO DRAWING E-602 FOR TYPICAL NEW ENCLOSED CIRCUIT BREAKER DETAILS.

## ELECTRICAL KEYED NOTES

- FURNISH AND INSTALL FEEDER CONDUIT AND CABLING. CONNECT FEEDER CABLES TO EXISTING RISER CABLE AT METAL PULL BOX LOCATION.
- FURNISH AND INSTALL CONDUITS, CABLING AND ENCLOSED CIRCUIT BREAKER.
- FURNISH AND INSTALL METAL RACEWAY/PULL BOX AT PANELBOARD TOP SECTION.
- FURNISH AND INSTALL METAL RACEWAY/PULL BOX AT PANELBOARD BOTTOM SECTION.
- CONNECT EXISTING CONDUITS AT PANELBOARD TOP SECTION INTO METAL RACEWAY/PULL BOX.
- CONNECT EXISTING CONDUITS AT PANELBOARD BOTTOM SECTION INTO METAL RACEWAY/PULL BOX.
- FURNISH AND INSTALL CONDUITS FROM TOP AND BOTTOM METAL RACEWAYS/PULL BOXES AND CONNECT TO PANELBOARDS.
- FURNISH AND INSTALL BRANCH WIRING FOR BRANCH CIRCUITS THAT ARE ROUTED AT PANELBOARD TOP SECTIONS. FURNISH AND INSTALL WIRE SPLICING OF EXISTING AND NEW WIRES WITHIN THE METAL RACEWAY/PULL BOX.
- FURNISH AND INSTALL BRANCH WIRING FOR BRANCH CIRCUITS THAT ARE ROUTED AT PANELBOARD BOTTOM SECTIONS. FURNISH AND INSTALL WIRE SPLICING OF EXISTING AND NEW WIRES WITHIN METAL RACEWAY/PULL BOX.
- LL-52-1:  
FURNISH AND INSTALL PANELBOARD, 30 CIRCUIT PANELBOARD.
- UL-52-2:  
FURNISH AND INSTALL PANELBOARD, 42 CIRCUIT PANELBOARD.
- EXISTING PANELBOARD UL-52-1 IS SCHEDULED TO REMAIN.
- FURNISH AND INSTALL DUPLEX GFI OUTLET, CONDUIT AND WIRING. REFER TO DRAWING E-601 FOR NOTES REGARDING GFI OUTLET MOUNTING LOCATION.
- FURNISH AND INSTALL SURFACE MOUNTED LIGHT FIXTURE.



**2 KEY PLAN 5220 EC**  
NOT TO SCALE

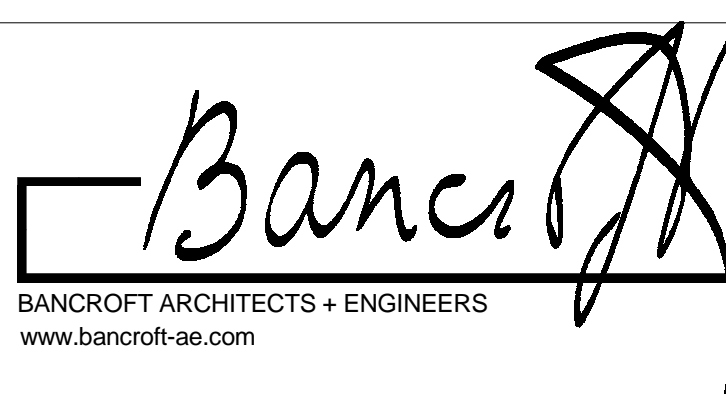
# 5220 EC

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

CONSULTANTS:

ARCHITECT/ENGINEERS:



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 5220 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

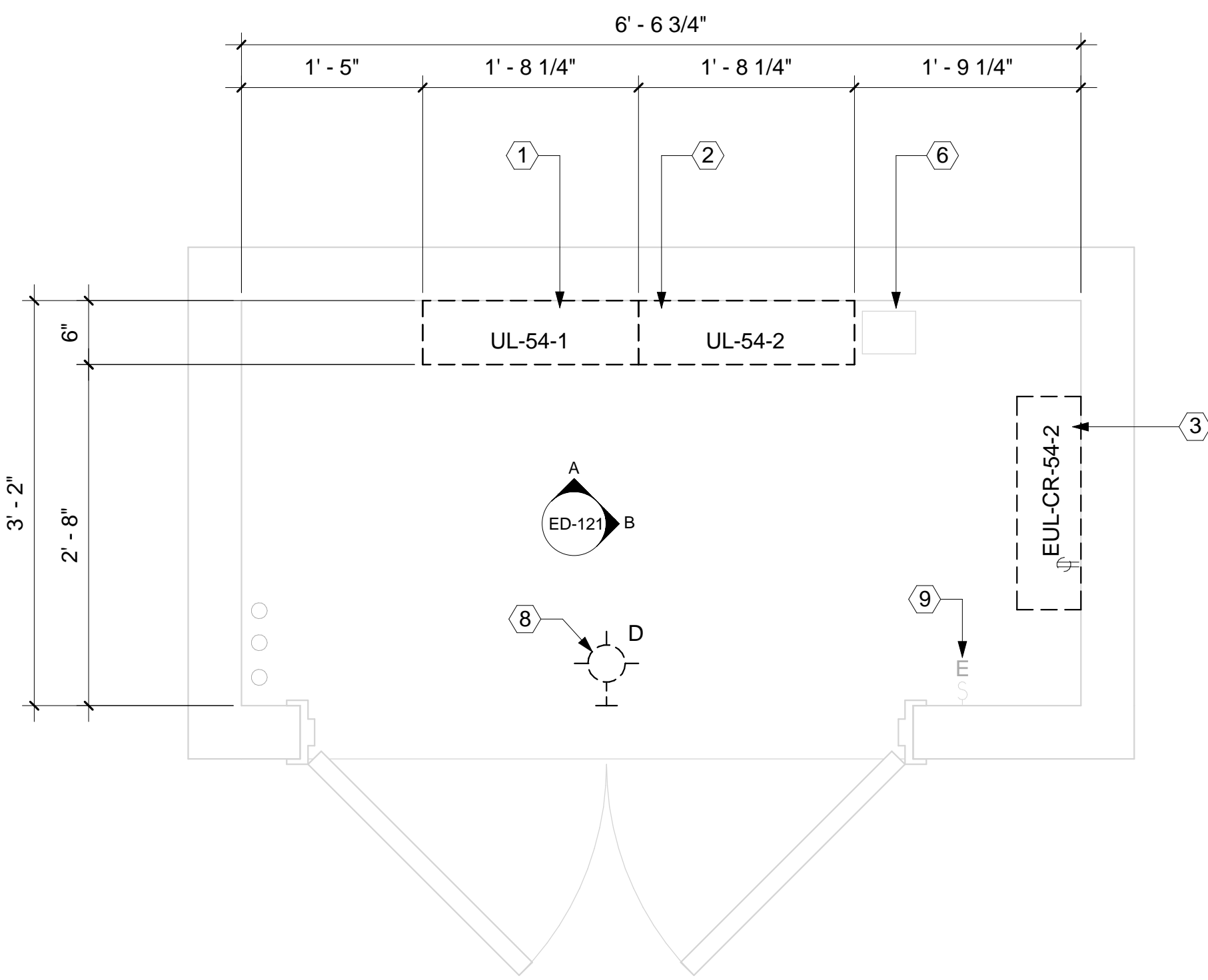
Drawing Number  
**E-120**

Office of  
Construction  
and Facilities  
Management

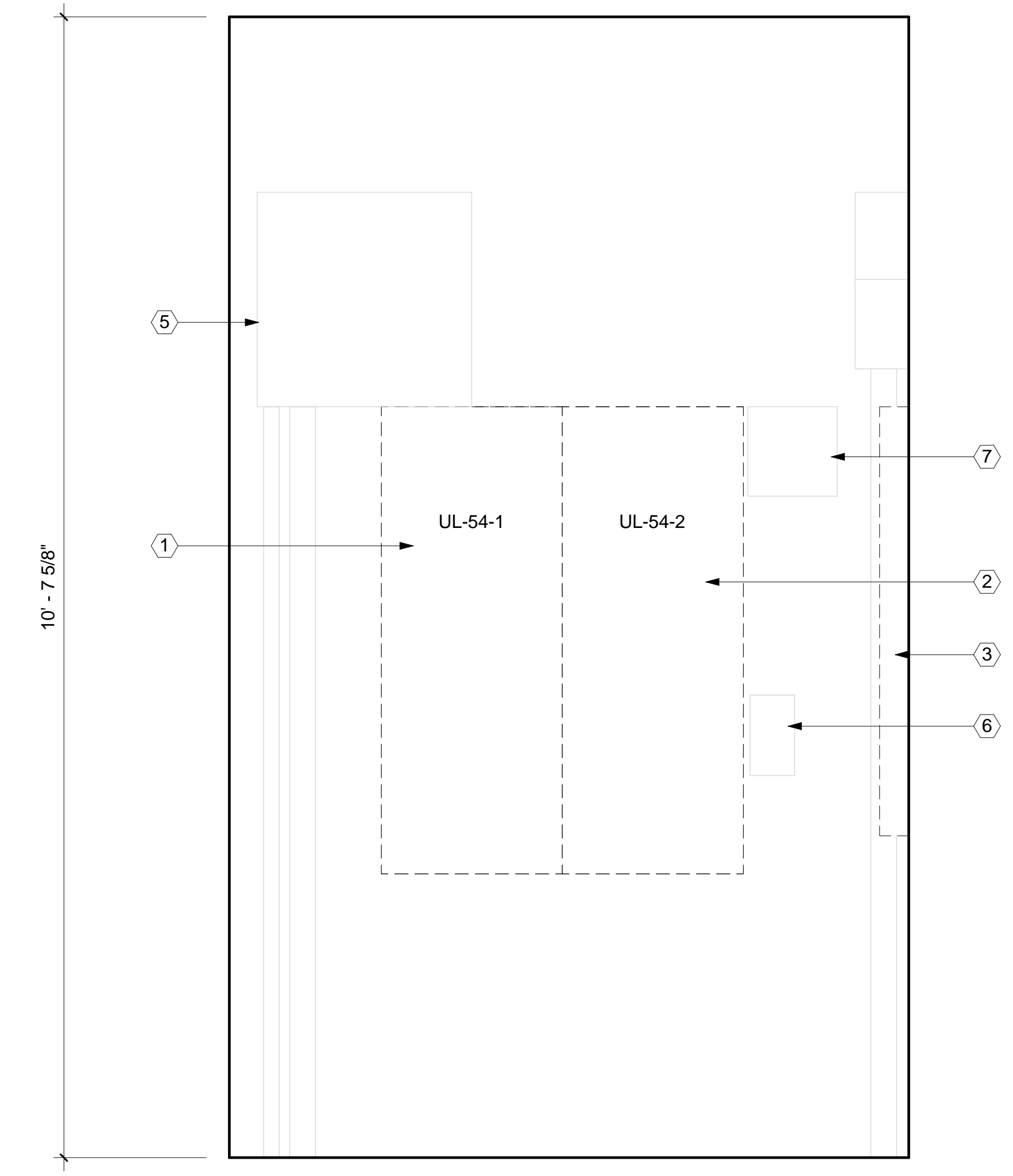




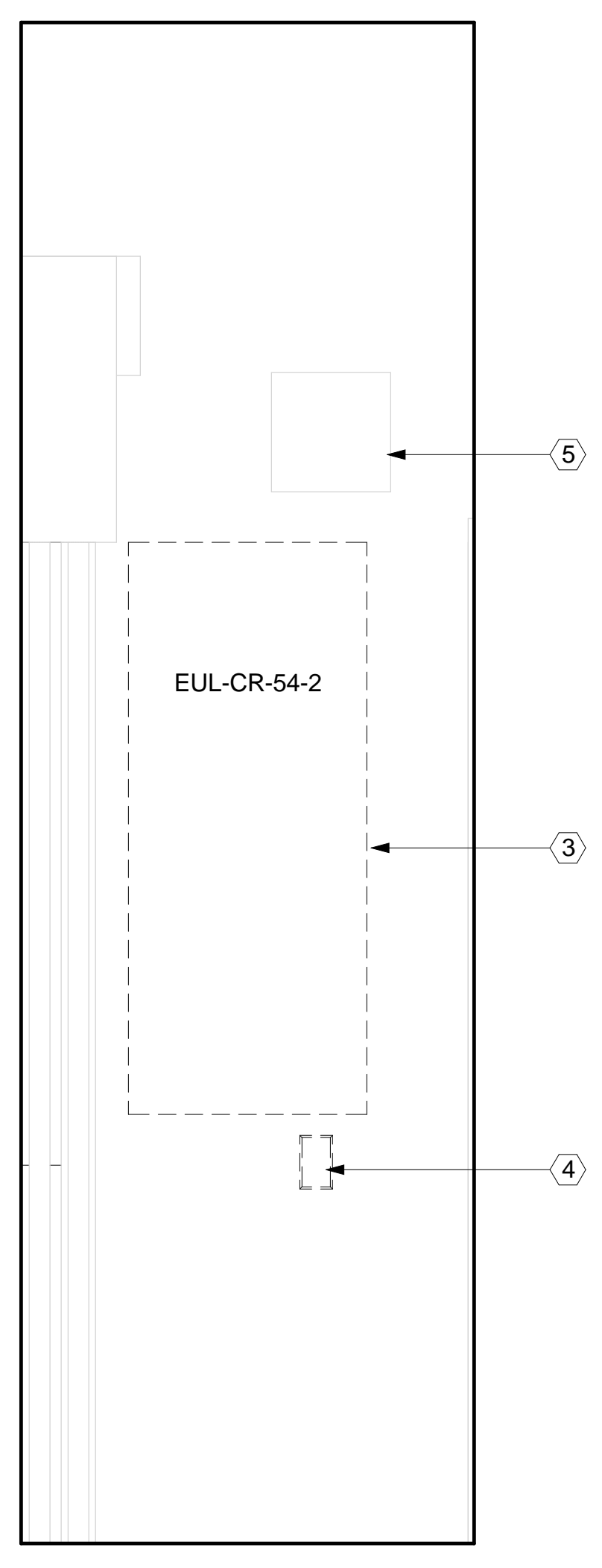
one eighth inch = one foot  
one quarter inch = one foot  
three eighths inch = one foot  
one half inch = one foot  
three quarters inch = one foot  
one inch = one foot  
one and one half inches = one foot  
two inches = one foot  
three inches = one foot  
four inches = one foot  
five inches = one foot  
six inches = one foot  
seven inches = one foot  
eight inches = one foot  
nine inches = one foot  
ten inches = one foot  
eleven inches = one foot  
twelve inches = one foot  
thirteen inches = one foot  
fourteen inches = one foot  
fifteen inches = one foot  
sixteen inches = one foot  
seventeen inches = one foot  
eighteen inches = one foot  
nineteen inches = one foot  
twenty inches = one foot  
twenty one inches = one foot  
twenty two inches = one foot  
twenty three inches = one foot  
twenty four inches = one foot  
twenty five inches = one foot  
twenty six inches = one foot  
twenty seven inches = one foot  
twenty eight inches = one foot  
twenty nine inches = one foot  
thirty inches = one foot  
thirty one inches = one foot  
thirty two inches = one foot  
thirty three inches = one foot  
thirty four inches = one foot  
thirty five inches = one foot  
thirty six inches = one foot  
thirty seven inches = one foot  
thirty eight inches = one foot  
thirty nine inches = one foot  
forty inches = one foot  
forty one inches = one foot  
forty two inches = one foot  
forty three inches = one foot  
forty four inches = one foot  
forty five inches = one foot  
forty six inches = one foot  
forty seven inches = one foot  
forty eight inches = one foot  
forty nine inches = one foot  
fifty inches = one foot  
fifty one inches = one foot  
fifty two inches = one foot  
fifty three inches = one foot  
fifty four inches = one foot  
fifty five inches = one foot  
fifty six inches = one foot  
fifty seven inches = one foot  
fifty eight inches = one foot  
fifty nine inches = one foot  
sixty inches = one foot  
sixty one inches = one foot  
sixty two inches = one foot  
sixty three inches = one foot  
sixty four inches = one foot  
sixty five inches = one foot  
sixty six inches = one foot  
sixty seven inches = one foot  
sixty eight inches = one foot  
sixty nine inches = one foot  
seventy inches = one foot  
seventy one inches = one foot  
seventy two inches = one foot  
seventy three inches = one foot  
seventy four inches = one foot  
seventy five inches = one foot  
seventy six inches = one foot  
seventy seven inches = one foot  
seventy eight inches = one foot  
seventy nine inches = one foot  
eighty inches = one foot  
eighty one inches = one foot  
eighty two inches = one foot  
eighty three inches = one foot  
eighty four inches = one foot  
eighty five inches = one foot  
eighty six inches = one foot  
eighty seven inches = one foot  
eighty eight inches = one foot  
eighty nine inches = one foot  
ninety inches = one foot  
ninety one inches = one foot  
ninety two inches = one foot  
ninety three inches = one foot  
ninety four inches = one foot  
ninety five inches = one foot  
ninety six inches = one foot  
ninety seven inches = one foot  
ninety eight inches = one foot  
ninety nine inches = one foot  
one hundred inches = one foot



PLAN NORTH  
**1** FIFTH FLOOR LEVEL - ROOM 5409 EC - DEMOLITION PLAN  
1" = 1'-0"



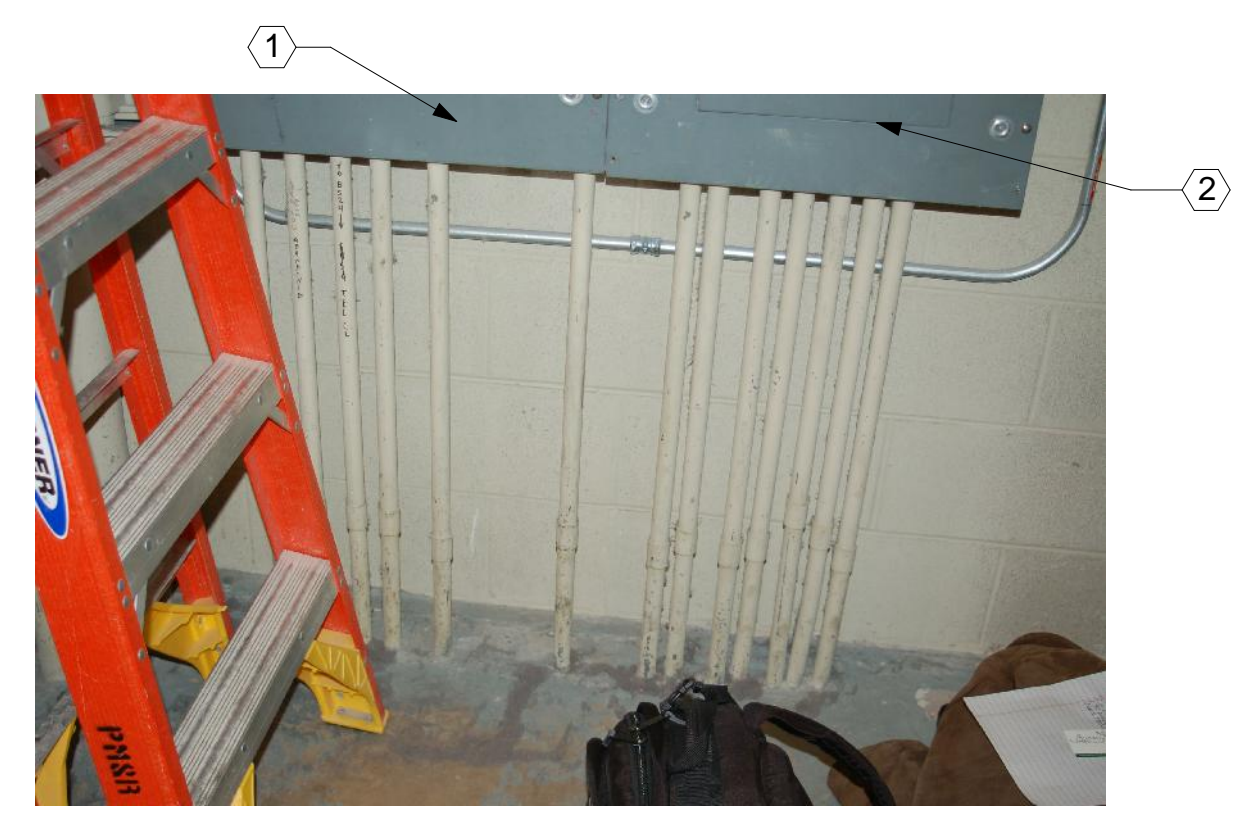
**A** 5409 EC - DEMOLITION ELEVATION A  
1" = 1'-0"



**B** 5409 EC - DEMOLITION ELEVATION B  
1" = 1'-0"



**P1** 5409 EC - PHOTO 1  
NOT TO SCALE



**P2** 5409 EC - PHOTO 2  
NOT TO SCALE



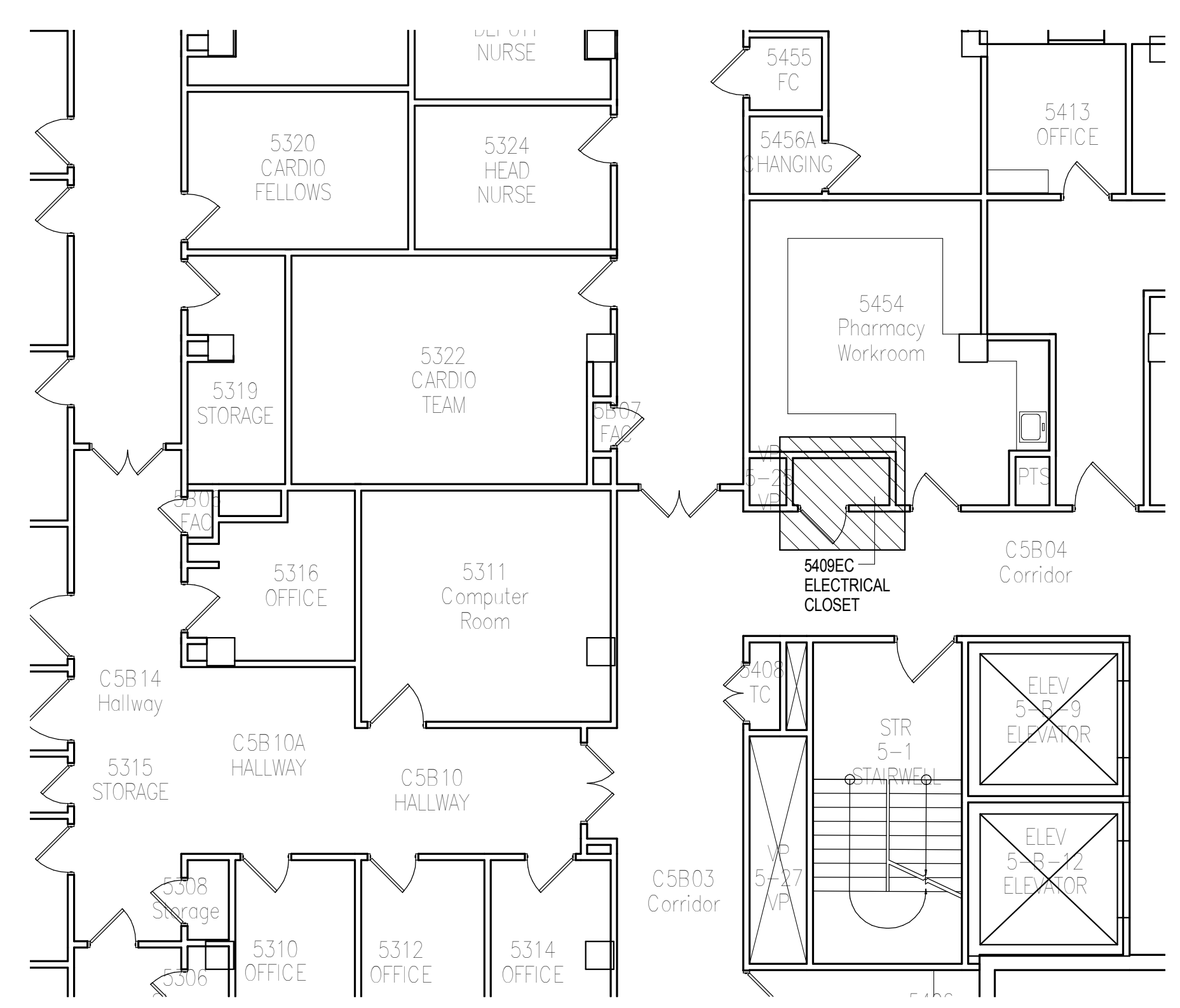
**P3** 5409 EC - PHOTO 3  
NOT TO SCALE

## GENERAL NOTES

- REFER TO DRAWING ED-601 FOR DEMOLITION DETAIL OF TYPICAL EXISTING PANELBOARD.
- REFER TO SPECIFICATIONS, VOLUME 2, APPENDIX B - PHOTO DOCUMENTATION - EXISTING ELECTRICAL CLOSETS FOR INTERIOR PHOTOS OF EXISTING PANELBOARDS.

## ELECTRICAL KEYED NOTES

- EXISTING PANELBOARD UL-54-1 TO BE DEMOLISHED. EXISTING PANELBOARD IS 42 CIRCUIT PANELBOARD. DISCONNECT FEEDER CABLES AND RESPECTIVE CONDUITS. DISCONNECT BRANCH WIRING AND CONDUITS.
- EXISTING PANELBOARD UL-54-2 TO BE DEMOLISHED. EXISTING PANELBOARD IS 42 CIRCUIT PANELBOARD. DISCONNECT FEEDER CABLES AND RESPECTIVE CONDUITS. DISCONNECT BRANCH WIRING AND CONDUITS.
- EXISTING PANELBOARD EUL-CR-54-2 TO BE DEMOLISHED. EXISTING PANELBOARD IS 36 CIRCUIT PANELBOARD. DISCONNECT FEEDER CABLES AND RESPECTIVE CONDUITS. DISCONNECT BRANCH WIRING AND CONDUITS.
- EXISTING DUPLEX OUTLET TO BE DEMOLISHED.
- EXISTING METAL RACEWAY/PULL BOX TO REMAIN.
- EXISTING SURFACE MOUNTED TIME CLOCK, 5TH FLOOR PUBLIC TV POWER CONTROLS, TO REMAIN.
- EXISTING 277 VOLT LIGHTING CONTROL TO REMAIN.
- DEMOLISH EXISTING SURFACE MOUNTED LIGHT FIXTURE, WIRING, AND CONDUIT.
- EXISTING SURFACE MOUNTED LIGHT SWITCH SHALL REMAIN. DEMOLISH WIRING FROM EXISTING SWITCH TO EXISTING LIGHT FIXTURE.



PLAN NORTH  
**2** KEY PLAN 5409 EC DEMOLITION  
NOT TO SCALE

## 5409 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 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 5409 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-121

Office of Construction and Facilities Management
 Department of Veterans Affairs