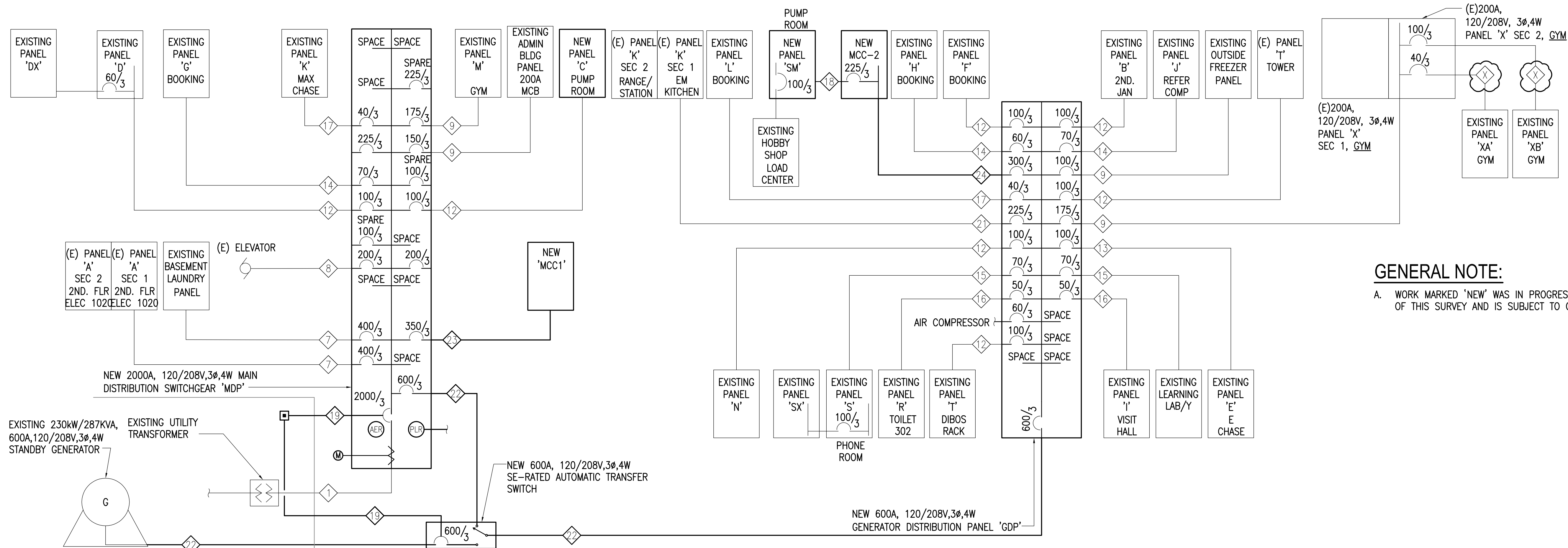
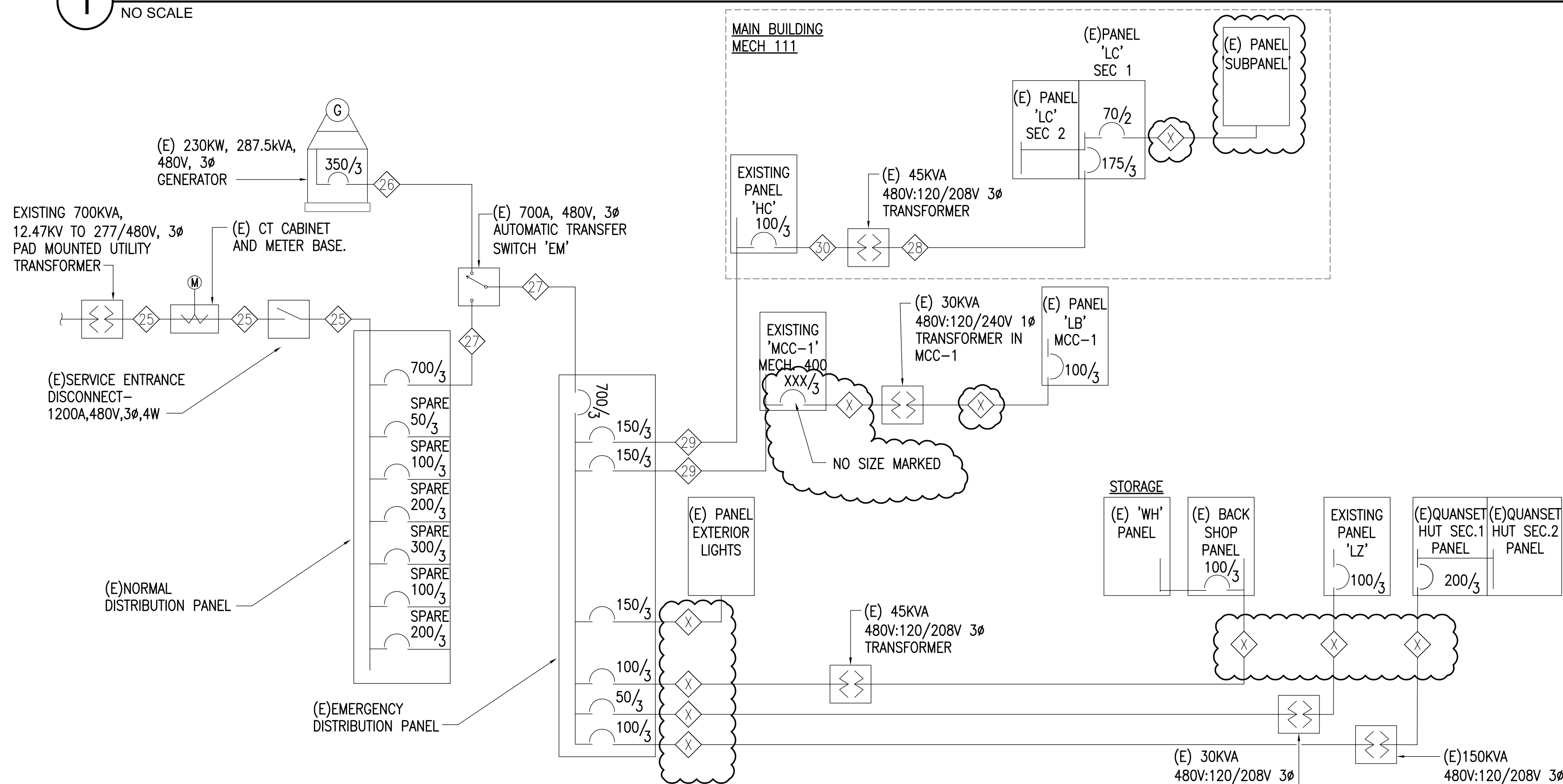


1" 2" 3"



1 LCCC POWER ONE-LINE DIAGRAM - MAIN BUILDING

NO SCALE



2 LCCC POWER ONE-LINE DIAGRAM - UTILITY BUILDING

NO SCALE

GENERAL NOTE:

- A. WORK MARKED 'NEW' WAS IN PROGRESS AT THE TIME OF THIS SURVEY AND IS SUBJECT TO CHANGE.

FEEDER SCHEDULE

(ALL NEW CONDUCTORS SHALL BE COPPER)

1	(E) (5 EA) 3.5°C, 4#500kcmil.
2	(E) 3.5°C, 4#500kcmil.
3	(E) 3°C, 3#500kcmil, 1#2 NEUTRAL.
4	(E) (2 EA) 3.5°C, 4#350kcmil.
5	(E) 3°C, 4#350kcmil.
6	(E) (2 EA) 3°C, 4#250kcmil.
7	(E) (2 EA) 3°C, 4#4/0.
8	(E) 3°C, 4#4/0.
9	(E) X°C, 4#3/0.
10	(E) X°C, 4#2/0.
11	(E) 2°C, 4#1/0.
12	ESTIMATED (E) 2°C, 4#2.
13	(E) 1.5°C, 4#2.
14	(E) 1.5°C, 4#4.
15	ESTIMATED (E) 1.5°C, 4#6.
16	(E) 1.25°C, 4#6.
17	(E) 1°C, 4#8.
18	NEW 2.5°C, 4#4/0, 1#4 GND.
19	NEW 1/2°C, 2#10, 1#10 GND.
20	ESTIMATED (E) 1.5°C, 4#6.
21	ESTIMATED (E) 3°C, 4#4/0.
22	NEW (2 EA) 4°C, 4#350kcmil, 1#1 GND.
23	NEW 4°C, 4#500kcmil, 1#3 GND.
24	NEW 4°C, 4#350kcmil, 1#1 GND.
25	(E) (4 EA) 3.5°C, 4#500kcmil.
26	(E) (2 EA) 3.5°C, 4#500kcmil.
27	(E) (3 EA) 3.5°C, 4#250kcmil.
28	(E) 2.5°C, 4#3/0.
29	(E) 2.5°C, 4#2/0.
30	(E) 1.5°C, 3#2, 1#8 GND.

REFERENCE ONLY

ELECTRICAL ENGINEER

RSA ENGINEERING, INC.
670 W. Fireweed Ln., Suite 200
Anchorage, AK 99503-2516
Phone (907) 276-0521 Fax (907) 276-1751

State of Alaska

DOC Arc Flash Survey and Report
Lemon Creek Correctional Center
Juneau, AK

REVISIONS:

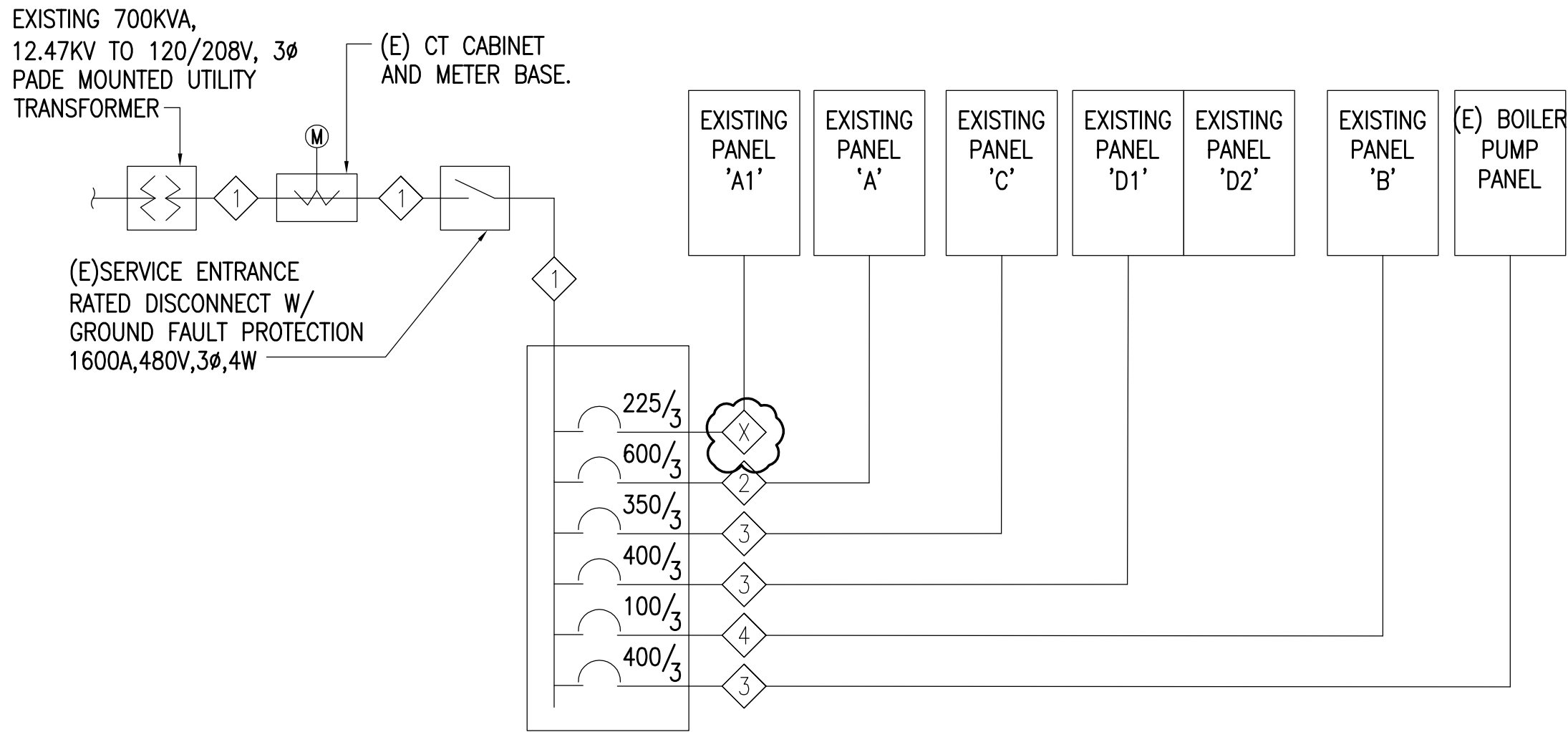
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CHECKED BY: JAM
DATE: 10/13/2017
JOB NUMBER: L6206
DWG FILE: L6206_ESERIES

DRAWING TITLE:
LCCC POWER ONE-LINE
DIAGRAM - MAIN BUILDING
AND UTILITY BUILDING

SHEET:

LC0.1

0"
1"
2"
3"



1 LCCC POWER ONE-LINE DIAGRAM - PRISON INDUSTRIES
NO SCALE

FEEDER SCHEDULE	
(ALL NEW CONDUCTORS SHALL BE COPPER)	
1	(E) (4 EA) 4"C, 4#500kcmil, 1#3/0 GND.
2	(E) (2 EA) 4"C, 4#350kcmil, 1#1 GND.
3	(E) (1 EA) 4"C, 4#500kcmil, 1#3 GND.
4	(E) 1.25"C, 4#2.

REFERENCE
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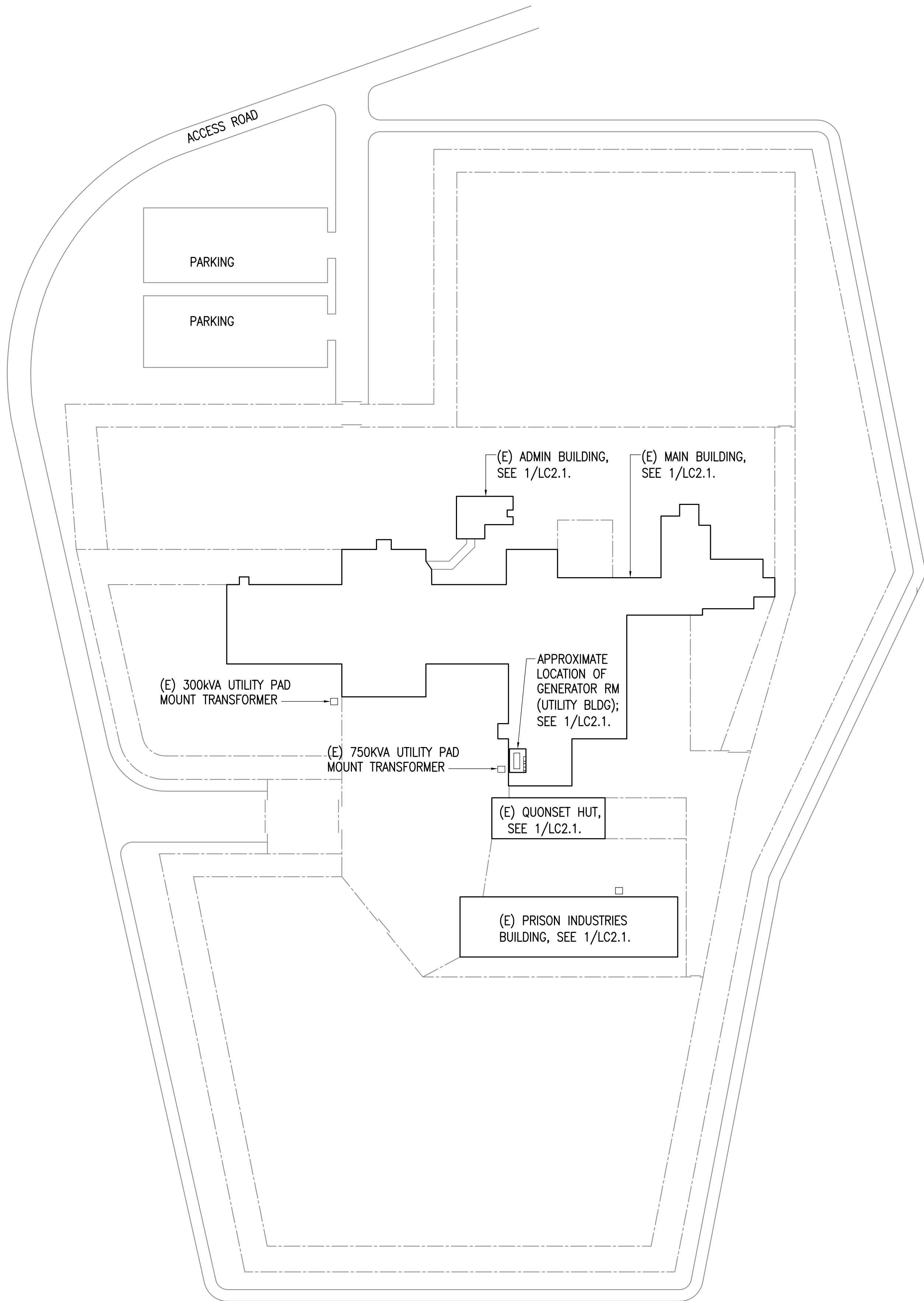
REVISIONS:

DRAWN BY: MJC
CHECKED BY: JAM
DATE: 10/13/2017
JOB NUMBER: L6206
DWG FILE: L6206_ESERIES

DRAWING TITLE:
LCCC POWER ONE-LINE
DIAGRAM - PRISON
INDUSTRIES

SHEET:
LC0.2

0"
1"
2"
3"



1 LCCC BUILDING MAP - SITE
1" = 60'-0"



REFERENCE
ONLY

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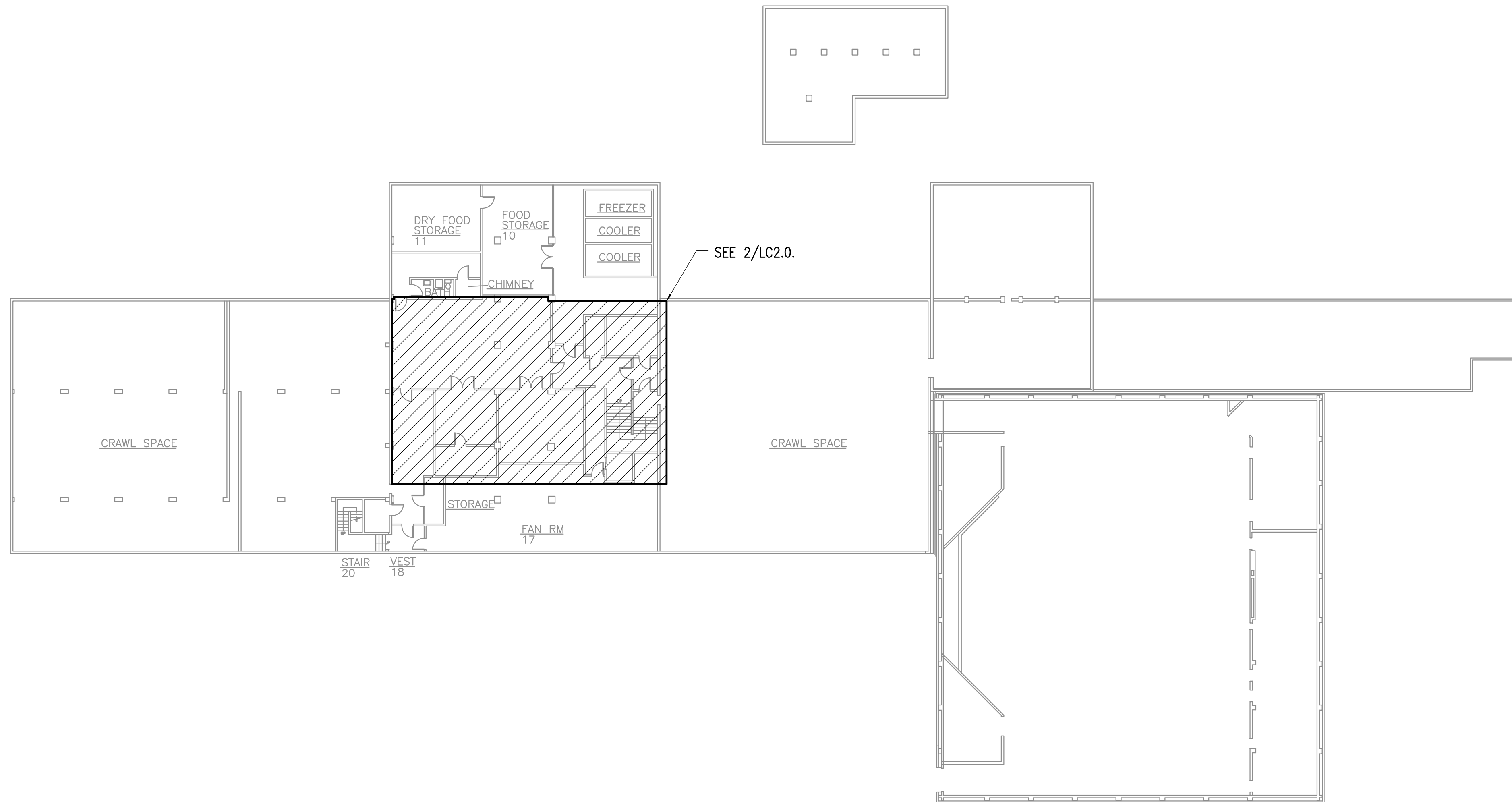
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DATE: 10/13/2017
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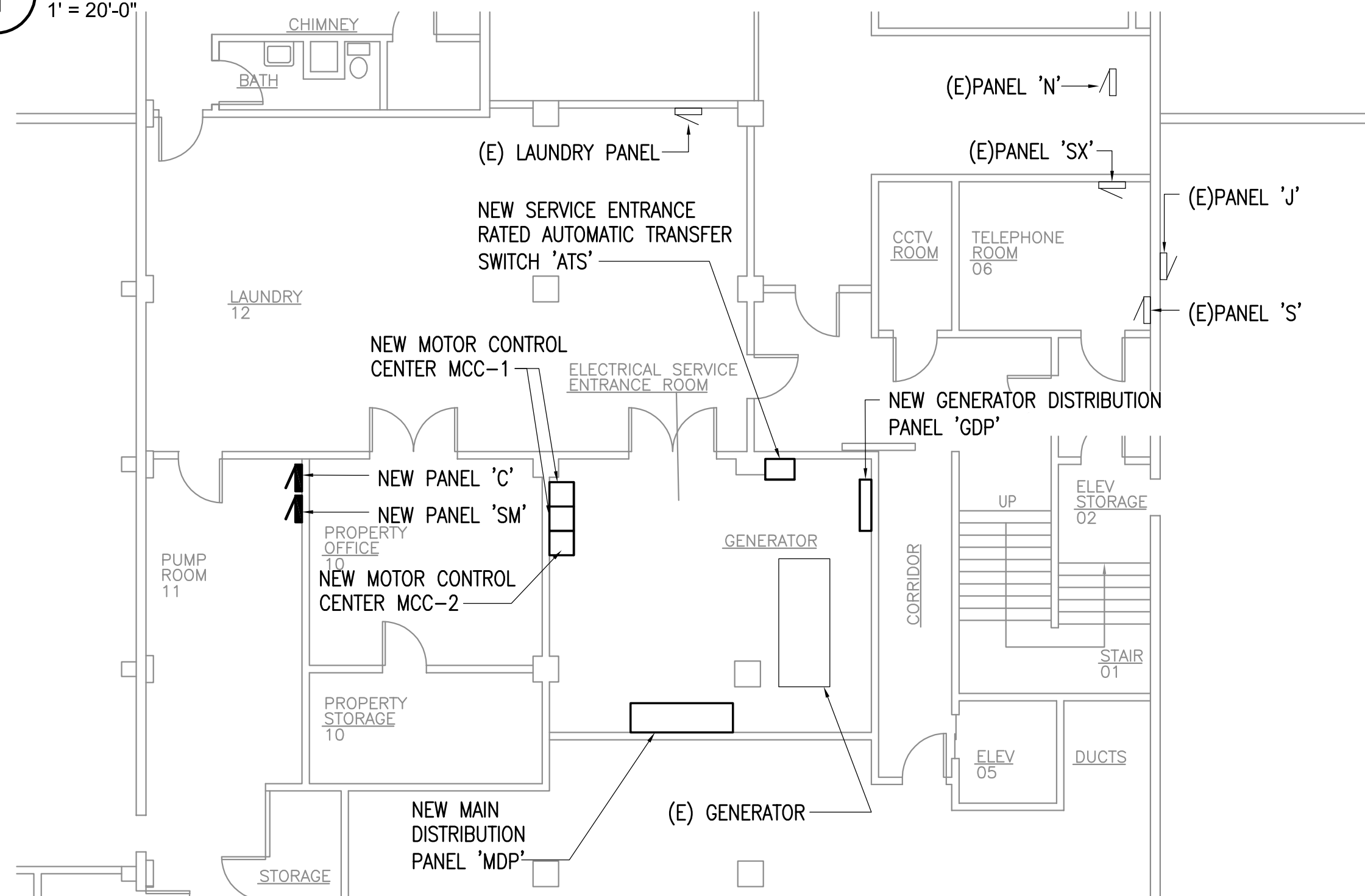
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LCCC BUILDING MAP -
SITE

SHEET:
LC1.0

0"
1"
2"
3"



1 LCCC PANEL MAP - BASEMENT
1" = 20'-0"



2 LCCC PANEL MAP - ENLARGED PLAN
1/8" = 1'-0"

REFERENCE
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REVISIONS:

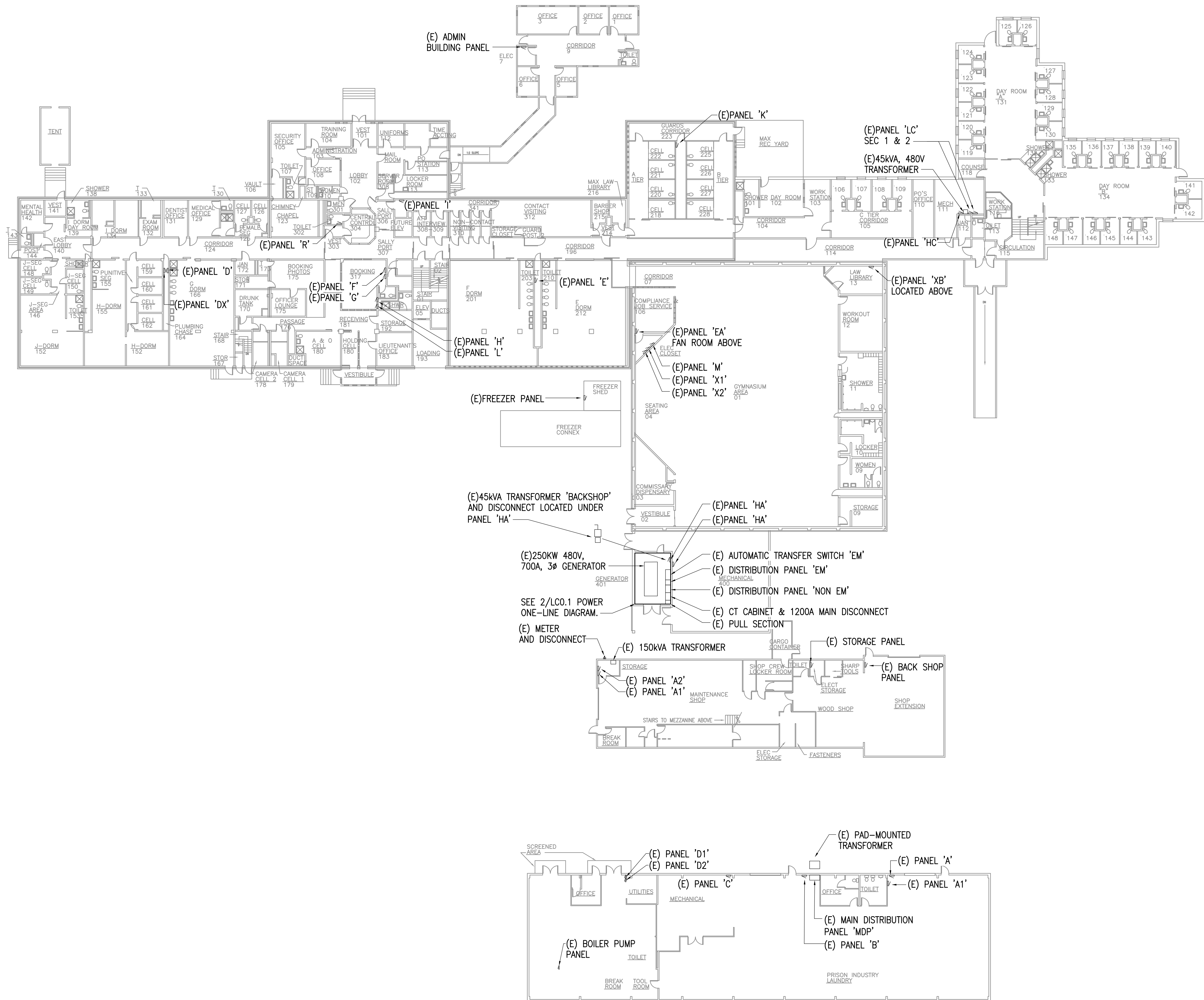
DRAWN BY: MJC
CHECKED BY: JAM
DATE: 10/13/2017
JOB NUMBER: L6206
DWG FILE: L6206_ESERIES

DRAWING TITLE:
LCCC PANEL MAP -
BASEMENT

SHEET:

LC2.0

0"
1"
2"
3"



REFERENCE
ONLY

ELECTRICAL ENGINEER
RSA ENGINEERING, INC.
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REVISIONS:

DRAWN BY: MJC
CHECKED BY: JAM
DATE: 10/13/2017
JOB NUMBER: L6206
DWG FILE: L6206_ESERIES

DRAWING TITLE:
LCCC PANEL MAP -
1ST. FLOOR

SHEET:
LC2.1

1 LCCC PANEL MAP - FIRST FLOOR
1" = 20'-0"



0"
1"
2"
3"

REFERENCE
ONLY

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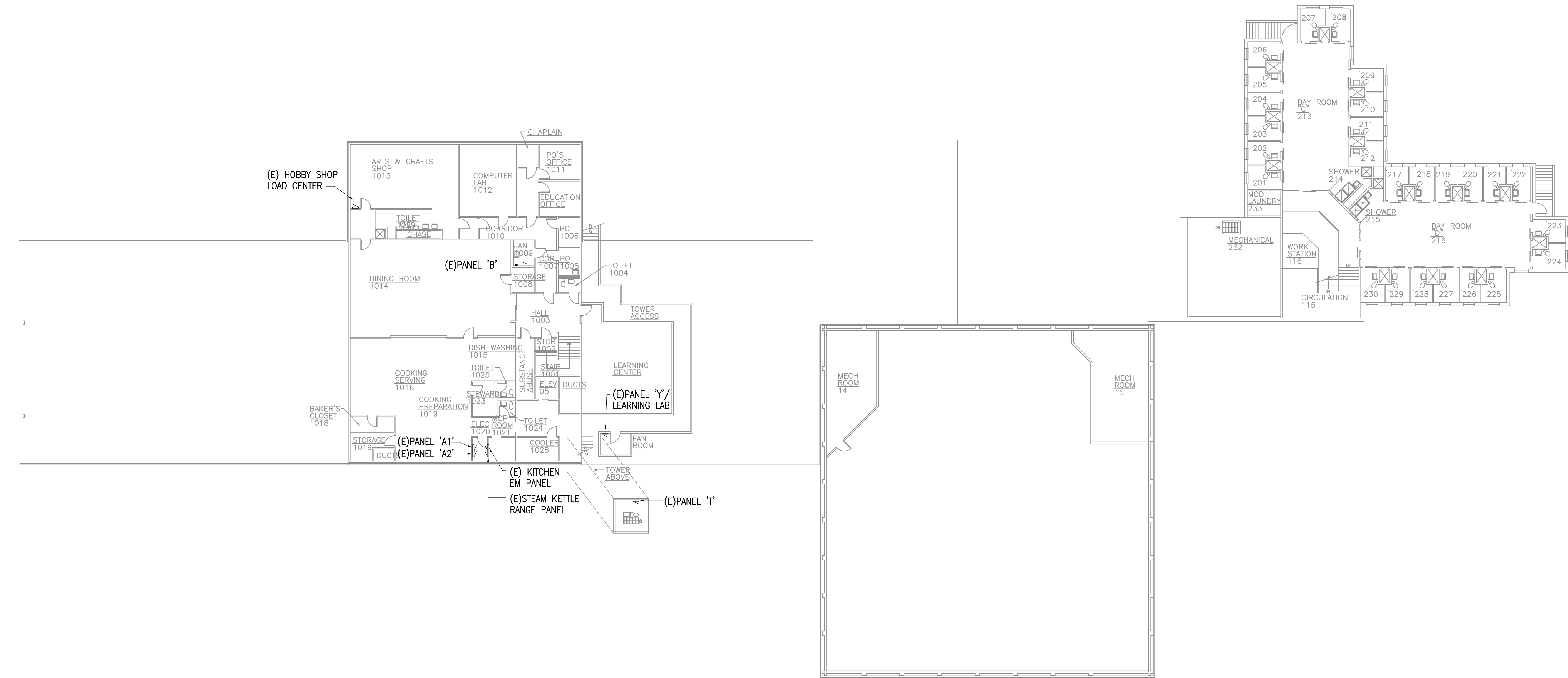
State of Alaska
DOC Arc Flash Survey and Report
Lemon Creek Correctional Center
Juneau, AK

REVISIONS:

DRAWN BY: MJC
CHECKED BY: JAM
DATE: 10/13/2017
JOB NUMBER: L6206
DWG FILE: L6206_ESERIES

DRAWING TITLE:
LCCC PANEL MAP-
2ND. FLOOR

SHEET:
LC2.2



1 LCCC PANEL MAP - 2ND. FLOOR
1/16" = 1'-0"

