



Energy Report

November 2021



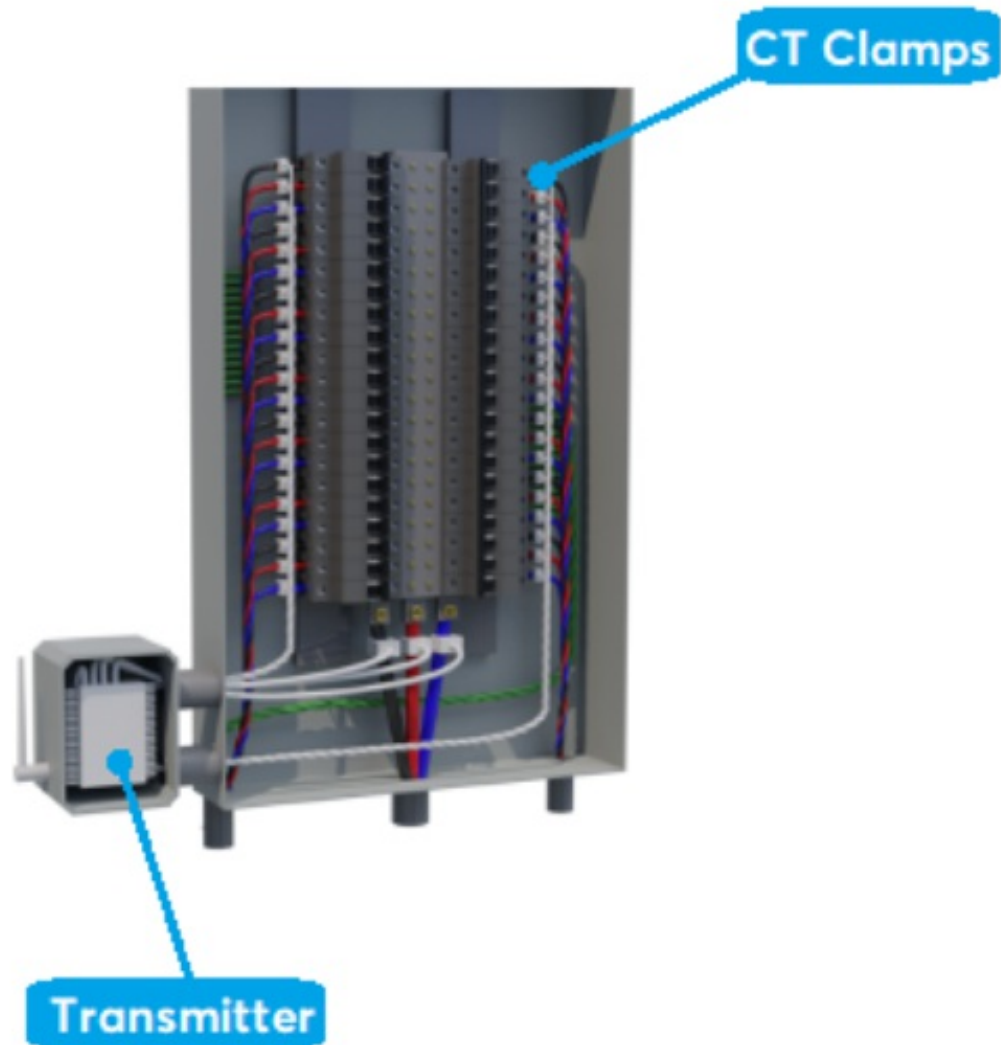
this is a building on a road

231 House
Ave,
Cheyenne,
WY 82007,
USA



Background Info

The report is created using data that is gathered from the facility by monitoring individual circuits within the electrical panel. The circuits are monitored using clip on CT clamps



These clamps stay clipped on the circuits 24/7 and transmits information to the cloud helping us understand what's running, when it's running, how long and what it's costing

The data sets being sent are huge and can be quite overwhelming, so we are using an algorithm to help sort the information as well as help us identify energy saving opportunities within the facility

General Info

About Facility

this is a building on a road

type of facility

Arena

year built

1982

square feet

55,239ft ²

square meter

5,109m ²

Operating Hours

Sunday

1

8:00 am - 5:00 pm

Monday

2

8:00 am - 5:00 pm

Tuesday

3

8:00 am - 5:00 pm

Wednesday

4

8:00 am - 5:00 pm

Thursday

5

8:
00
am
-

5:
00
pm

Friday

6

8:
00
am
-

5:
00
pm

Saturday

7

8:
00
am
-

5:
00
pm

8

Closed

9

8:
00
am
-

5:
00
pm

10

8:
00
am
-

5:
00
pm

11

8:
00
am
-

5:
00
pm

12

8:
00
am
-

5:
00
pm

13

8:
00
am
-

5:
00
pm

8:
00
am

-

5:
00
pm

Closed

8:
00
am

-

5:
00
pm

8:
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am

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5:
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pm

8:
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5:
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8:
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am

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5:
00
pm

8:
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am

-

5:
00
pm

8:
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am

-

5:
00
pm

Closed

8:
00

.am
-

5:
00
pm

24

8:
00
am
-

5:
00
pm

25

8:
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am
-

5:
00
pm

26

8:
00
am
-

5:
00
pm

27

8:
00
am
-

5:
00
pm

28

8:
00
am
-

5:
00
pm

29

Closed

30

31

Energy Usage

(overview)

November 2021

Electricity

FORTIS_{INC.}

rate

0.071_{/kwh}

usage

3210.98_{kWh}

total cost

227.98

Natural Gas

ATCO

rate

4.35_{/GJ}

usage

1307.59_{/GJ}

total cost

5688.02_s

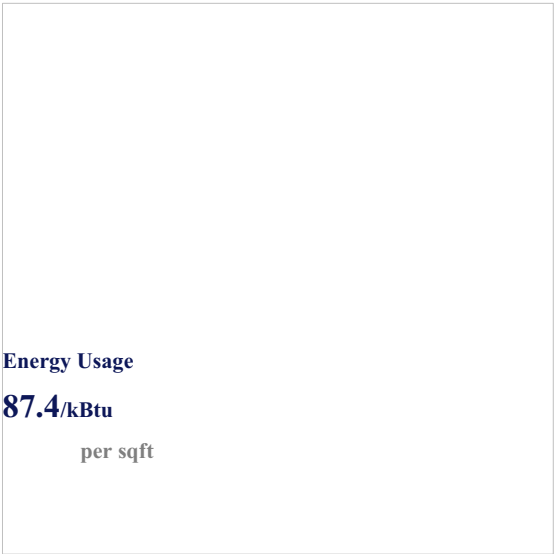
Benchmarking

(Comparison)

How does your facility rank in energy performance vs other similar facilities?



Energy star
Score
78/100



Most efficient

>35

watts
average

10

-

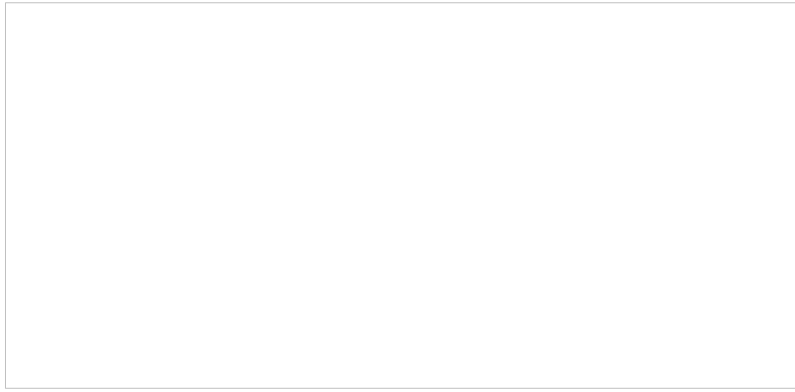
15

watts

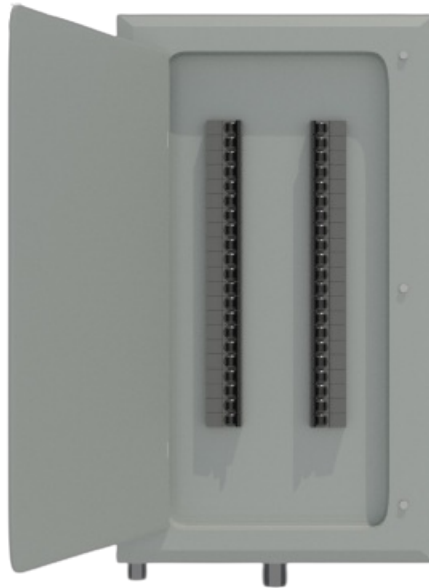
Least efficient

10>

watts



Electrical Panel Costs Breakdown



this is a building on a road

231 House
Ave,
Cheyenne,
WY 82007,
USA



Material Standard Panel

Materials



Energy meter

Each panel will require an energy meter. Meter have 14 channels, so multiple meters

Miscellaneous

may be required per panel

This includes small things required to complete an install, such as utility box, conduit, wires marettes and zip ties

\$449.50/
meter
\$94.55/
panel

CT Clamps / Flex-Coils



\$45.66/
lead

Panel Leads - The panel leads will be monitored with either a large CT Clamp or if space is limited a Coil. These are made to handle a higher amp range then individual circuits



\$15.78/
circuit

Individual circuits - Smaller CT clamps are used on individual circuits. They are much smaller then the ones on the mains and are made to handle smaller amp ranges

Labour

Electrical

This would include all electrical related to getting the meter mounted in a individual utility box beside the panel, mounting a conduit connection between the two, wiring and powering the panel,as well as connecting all the individual circuits

\$94.55/
panel

Commissioning

Commissioning included everything to get the meter communicating correctly with the dashboard. Once the meter has been set up the meter has to be calibrated accordingly to the CT clamps that have been installed. The readings will be cross verified and tested to make sure they are correctly depositing into the cloud.

\$94.55/
panel

\$5814.63

\$5814.63

\$3117.63

\$3117.63

\$3117.63

\$3117.63

\$3117.63

\$3117.63

\$3117.63

\$3117.63

\$3117.63

\$3117.63

\$3117.63

\$3117.63

\$5814.63

\$5814.63

\$3117.63

\$3117.63

\$3117.63

\$3117.63

\$3117.63

\$3117.63

\$3117.63

\$3117.63

\$

\$

\$

\$

\$

\$

\$

\$

All indiivdual
Circuits

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$8591.78

\$8591.78

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$8591.78

\$8591.78

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$4537.70

\$

\$

\$

\$

\$

\$

\$

Panel Pricing



Panel breakdown

28 Panels

2696 Panel
Leads Only

Panel
Mains Only

\$98081.64

All indiivdual
Circuits

all individual
circuits

\$143271.92

Panel Schedule (MDP6C)

MDP6C



84
Circuits
voltage

Circuit Breakdown

40.41
%

Spare

- 1. 26.1% Interior lighting
- 2. Other Spare 26.1%
- 3. % Interior lighting
- 4. 7.14% Spare
- 5. HVAC Interior lighting
- 6. MU-1, EF-1, EF-2 & Yard light-contractor coils
- 7. Interior lighting
- 8. Exterior lighting
- 9. Interior lighting
- 10. Exit signs & battery packs
- 11. Sign
- 12. LVRC power supply
- 13. EF-1

14.

Yard Light-south
15.

EF-1
16.

Yard Light-south
17.

EF-1
18.

Yard Light-south
19.

MUA-1
20.

SPARE
21.

MUA-1
22.

SPARE
23.

MUA-1
24.

SPARE
25.

EF-2
26.

SPARE
27.

EF-2
28.

SPARE

29.

EF-2
30.

SPARE
31.

SPACE
32.

BLD 1000 SPACE
33.

SPACE
34.

BLD 1000 SPACE
35.

SPACE
36.

BLD 1000 SPACE
37.

SPACE
38.

SPACE
39.

SPACE
40.

SPACE
41.

SPACE

42.

SPACE
43.

Interior lighting
44.

Spare
45.

Interior lighting
46.

Spare
47.

Interior lighting
48.

MU-1, EF-1, EF-2 & Yard
light-contractor coils
49.

Interior lighting
50.

Exterior lighting
51.

Interior lighting
52.

Exit signs & battery packs
53.

Sign
54.

LVRC power supply
55.

EF-1
56.

Yard Light-south
57.

EF-1

58.

Yard Light-south

59.

EF-1

60.

Yard Light-south

61.

MUA-1

62.

SPARE

63.

MUA-1

64.

SPARE

65.

MUA-1

66.

SPARE

67.

EF-2

68.

SPARE

69.

EF-2

70.



SPARE

71.



EF-2

72.



SPARE

73.



SPACE

74.



BLD 1000 SPACE

75.



SPACE

76.



BLD 1000 SPACE

77.



SPACE

78.



BLD 1000 SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

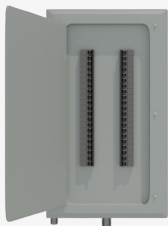
84.



SPACE

Panel Schedule (Panel 2C)

Panel 2C































84
Circuits
voltage

Circuit Breakdown

35.71
%

Spare

1. 26.11
SW exterior receptacles
2. Other
NE exterior receptacles
23.81
3. %
S interior receptacles
Plug-Load
4. 9.52
N interior receptacles, elec rm
light+recept
HVAC
5. 4.76
S interior receptacles
%
6. Lighting
N interior recept
7. N radiant heaters
8. E unit heater
9. S radiant heaters
10. W unit heater
11. CO/NO2 Detectors
12. S destratification fans
13. E O/H door

- 14.
 N destratification fans
- 15.
 E O/H door
- 16.
 Fire alarm panel
- 17.
 E O/H door
- 18.
 Communication cabinet recept.
- 19.
 Automation panel, this room
- 20.
 W O/H Door
- 21.
 Spare
- 22.
 W O/H Door
- 23.
 Work bench lights
- 24.
 W O/H Door
- 25.
 125V 30A Plug
- 26.
 NW workbench GFCI
- 27.
 125V 30A Plug
- 28.
 SE Workbench lights/ water heater
- 29.
 SPACE
- 30.
 SPACE
- 31.
 SPACE
- 32.
 SPACE
- 33.
 SPACE
- 34.
 SPACE
- 35.
 SPACE
- 36.
 SPACE
- 37.
 SPACE
- 38.
 SPACE
- 39.
 SPACE
- 40.
 SPACE
- 41.


SPACE

42.



SPACE

43.



SW exterior receptacles

44.



NE exterior receptacles

45.



S interior receptacles

46.



N interior receptacles, elec rm
light+recept

47.



S interior receptacles

48.



N interior recept

49.



N radiant heaters

50.



E unit heater

51.



S radiant heaters

52.



W unit heater

53.



CO/NO2 Detectors

54.



S destratification fans

55.



E O/H door

56.



N destratification fans

57.



E O/H door

58.



Fire alarm panel

59.



E O/H door

60.



Communication cabinet recept.

61.



Automation panel, this room

62.



W O/H Door

63.



Spare

64.



W O/H Door

65.



Work bench lights

66.



W O/H Door

67.



125V 30A Plug

68.



NW workbench GFCI

69.



125V 30A Plug

70.



SE Workbench lights/ water heater

71.



SPACE

72.



SPACE

73.



SPACE

74.



SPACE

75.



SPACE

76.



SPACE

77.



SPACE

78.



SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (MDP6C)

MDP6C



84
Circuits
voltage

Circuit
Breakdown

40.41
%

Spare

- 1. 26.1% Interior lighting
- 2. Other Spare 26.1%
- 3. % Interior lighting
- 4. 7.14 % Spare
- 5. HVAC Interior lighting
- 6. MU-1, EF-1, EF-2 & Yard light-contractor coils
- 7. Interior lighting
- 8. Exterior lighting
- 9. Interior lighting
- 10. Exit signs & battery packs
- 11. Sign
- 12. LVRC power supply
- 13. EF-1

14.

Yard Light-south
15.

EF-1
16.

Yard Light-south
17.

EF-1
18.

Yard Light-south
19.

MUA-1
20.

SPARE
21.

MUA-1
22.

SPARE
23.

MUA-1
24.

SPARE
25.

EF-2
26.

SPARE
27.

EF-2
28.

SPARE

29.

EF-2
30.

SPARE
31.

SPACE
32.

BLD 1000 SPACE
33.

SPACE
34.

BLD 1000 SPACE
35.

SPACE
36.

BLD 1000 SPACE
37.

SPACE
38.

SPACE
39.

SPACE
40.

SPACE
41.

SPACE

42.

SPACE
43.

Interior lighting
44.

Spare
45.

Interior lighting
46.

Spare
47.

Interior lighting
48.

MU-1, EF-1, EF-2 & Yard
light-contractor coils
49.

Interior lighting
50.

Exterior lighting
51.

Interior lighting
52.

Exit signs & battery packs
53.

Sign
54.

LVRC power supply
55.

EF-1
56.

Yard Light-south
57.

EF-1

58.

Yard Light-south

59.

EF-1

60.

Yard Light-south

61.

MUA-1

62.

SPARE

63.

MUA-1

64.

SPARE

65.

MUA-1

66.

SPARE

67.

EF-2

68.

SPARE

69.

EF-2

70.



SPARE

71.



EF-2

72.



SPARE

73.



SPACE

74.



BLD 1000 SPACE

75.



SPACE

76.



BLD 1000 SPACE

77.



SPACE

78.



BLD 1000 SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

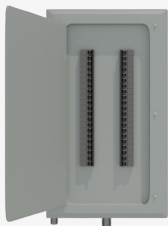
84.



SPACE

Panel Schedule (Panel 2C)

Panel 2C































84
Circuits
voltage

Circuit Breakdown

35.71
%

Spare

- 1. 26.11
SW exterior receptacles
- 2. Other
NE exterior receptacles
- 3. 23.81
%
- 4. 9.52
S interior receptacles
- 5. 4.76
N interior receptacles, elec rm
light+recept
HVAC
- 6. Lighting
N interior recept
- 7. N radiant heaters
- 8. E unit heater
- 9. S radiant heaters
- 10. W unit heater
- 11. CO/NO2 Detectors
- 12. S destratification fans
- 13. E O/H door

- 14.
 N destratification fans
- 15.
 E O/H door
- 16.
 Fire alarm panel
- 17.
 E O/H door
- 18.
 Communication cabinet recept.
- 19.
 Automation panel, this room
- 20.
 W O/H Door
- 21.
 Spare
- 22.
 W O/H Door
- 23.
 Work bench lights
- 24.
 W O/H Door
- 25.
 125V 30A Plug
- 26.
 NW workbench GFCI
- 27.
 125V 30A Plug
- 28.
 SE Workbench lights/ water heater
- 29.
 SPACE
- 30.
 SPACE
- 31.
 SPACE
- 32.
 SPACE
- 33.
 SPACE
- 34.
 SPACE
- 35.
 SPACE
- 36.
 SPACE
- 37.
 SPACE
- 38.
 SPACE
- 39.
 SPACE
- 40.
 SPACE
- 41.


SPACE

42.



SPACE

43.



SW exterior receptacles

44.



NE exterior receptacles

45.



S interior receptacles

46.



N interior receptacles, elec rm
light+recept

47.



S interior receptacles

48.



N interior recept

49.



N radiant heaters

50.



E unit heater

51.



S radiant heaters

52.



W unit heater

53.



CO/NO2 Detectors

54.



S destratification fans

55.



E O/H door

56.



N destratification fans

57.



E O/H door

58.



Fire alarm panel

59.



E O/H door

60.



Communication cabinet recept.

61.



Automation panel, this room

62.



W O/H Door

63.



Spare

64.



W O/H Door

65.



Work bench lights

66.



W O/H Door

67.



125V 30A Plug

68.



NW workbench GFCI

69.



125V 30A Plug

70.



SE Workbench lights/ water heater

71.



SPACE

72.



SPACE

73.



SPACE

74.



SPACE

75.



SPACE

76.



SPACE

77.



SPACE

78.



SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (Panel 1)

Panel 1



170
Circuits
voltage

Circuit Breakdown

68.2%
%

Other

- 1. 17.6%
Receptacles - Change Room
- 2. Spare
Receptacles - Change Room
- 3. 14.1%
Receptacles - Change Room
- 4. Plug-Load
Receptacles - Change Room
- 5. Receptacles
- 6. Unidentified Load
- 7. Receptacles
- 8. Unidentified Load
- 9. Receptacles
- 10. Unidentified Load
- 11. Receptacles
- 12. Unidentified Load
- 13. Receptacles- Arena SW
- 14.

- Unidentified Load
- 15.● Receptacles- Arena SW
- 16.● Unidentified Load
- 17.● Receptacles- Arena SW
- 18.● Unidentified Load
- 19.● Receptacles
- 20.● Unidentified Load
- 21.● Unidentified Load
- 22.● Unidentified Load
- 23.● Unidentified Load
- 24.● Hand Dryers
- 25.● Unidentified Load
- 26.● Hand Dryers
- 27.● Unidentified Load
- 28.● Hand Dryers
- 29.● Unidentified Load
- 30.● Hand Dryers
- 31.● Unidentified Load
- 32.● Hand Dryers
- 33.● Unidentified Load
- 34.● Hand Dryers
- 35.● Unidentified Load
- 36.● Unidentified Load
- 37.● Unidentified Load
- 38.● Unidentified Load
- 39.● Unidentified Load
- 40.● Hand Dryers
- 41.● Security
- 42.●

- Hand Dryers

43.

●

Hand Dryers

44.

●

Hand Dryers

45.

●

Hand Dryers

46.

●

Hand Dryers

47.

●

Hand Dryers

48.

●

Hand Dryers

49.

●

Hand Dryers

50.

●

Hand Dryers

51.

●

Hand Dryers

52.

●

Hand Dryers

53.

●

Hand Dryers

54.

●

Hand Dryers

55.

●

Unidentified Load

56.

●

BMS Control Panel

57.

●

Unidentified Load
58.

●

Unidentified Load

59.

●

Hand Dryers

60.

●

Hand Dryers

61.

●

Hand Dryers

62.

●

Hand Dryers

63.

●

Hand Dryers

64.

●

Water Fountain

65.

●

Hand Dryers

66.

●

Heat Tracing

67.

●

Unidentified Load

68.

●

Heat Tracing

69.

●

Heat Tracing

70.

▲

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- 71.
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- 72.
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- 73.
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- 81.
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-
- 82.
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-
- 83.
 -
-
- 84.
 -
-
- 85.
 -
-
- 86.
 -
- Receptacles - Change Room
- 87.
 -
- Receptacles - Change Room
- 88.
 -
- Receptacles - Change Room
- 89.
 -
- Receptacles - Change Room
- 90.
 -
- Receptacles
- 91.
 -
- Unidentified Load
- 92.
 -
- Receptacles
- 93.
 -
- Unidentified Load
- 94.
 -
- Receptacles
- 95.
 -
- Unidentified Load
- 96.
 -
- Receptacles
- 97.
 -
- Unidentified Load
- 98.
 -

Receptacles- Arena SW

99.



Unidentified Load

100.



Receptacles- Arena SW

101.



Unidentified Load

102.



Receptacles- Arena SW

103.



Unidentified Load

104.



Receptacles

105.



Unidentified Load

106.



Unidentified Load

107.



Unidentified Load

108.



Unidentified Load

109.



Hand Dryers

110.



Unidentified Load

111.



Hand Dryers

112.



Unidentified Load

113.



Hand Dryers

114.



Unidentified Load

115.



Hand Dryers

116.



Unidentified Load

117.



Hand Dryers

118.



Unidentified Load

119.



Hand Dryers

120.



Unidentified Load

121.



Unidentified Load

122.



Unidentified Load

123.



Unidentified Load

124.



Unidentified Load

125.



Hand Dryers

126.



- Security
- 127.
 - Hand Dryers
- 128.
 - Hand Dryers
- 129.
 - Hand Dryers
- 130.
 - Hand Dryers
- 131.
 - Hand Dryers
- 132.
 - Hand Dryers
- 133.
 - Hand Dryers
- 134.
 - Hand Dryers
- 135.
 - Hand Dryers
- 136.
 - Hand Dryers
- 137.
 - Hand Dryers
- 138.
 - Hand Dryers
- 139.
 - Hand Dryers
- 140.
 - Unidentified Load
- 141.
 - BMS Control Panel
- 142.
 - Unidentified Load
- 143.
 - Unidentified Load
- 144.
 - Hand Dryers
- 145.
 - Hand Dryers
- 146.
 - Hand Dryers
- 147.
 - Hand Dryers
- 148.
 - Hand Dryers
- 149.
 - Water Fountain
- 150.
 - Hand Dryers
- 151.
 - Heat Tracing
- 152.
 - Unidentified Load
- 153.
 - Heat Tracing
- 154.
 -

Heat Tracing

155.



-

156.



-

157.



-

158.



-

159.



-

160.



-

161.



-

162.



-

163.



-

164.



-

165.



-

166.



-

167.



-

168.



-

169.



-

170.

-

Panel 2



170
Circuits
voltage

Circuit
Breakdown

68.2%
%

Other

- 1. 17.6%
Receptacles - Change Room
- 2. Spare
Receptacles - Change Room
- 3. 14.1%
Receptacles - Change Room
- 4. Plug-Load
Receptacles - Change Room
- 5. Receptacles
- 6. Unidentified Load
- 7. Receptacles
- 8. Unidentified Load
- 9. Receptacles
- 10. Unidentified Load
- 11. Receptacles
- 12. Unidentified Load
- 13. Receptacles- Arena SW
- 14.

- Unidentified Load
- 15.● Receptacles- Arena SW
- 16.● Unidentified Load
- 17.● Receptacles- Arena SW
- 18.● Unidentified Load
- 19.● Receptacles
- 20.● Unidentified Load
- 21.● Unidentified Load
- 22.● Unidentified Load
- 23.● Unidentified Load
- 24.● Hand Dryers
- 25.● Unidentified Load
- 26.● Hand Dryers
- 27.● Unidentified Load
- 28.● Hand Dryers
- 29.● Unidentified Load
- 30.● Hand Dryers
- 31.● Unidentified Load
- 32.● Hand Dryers
- 33.● Unidentified Load
- 34.● Hand Dryers
- 35.● Unidentified Load
- 36.● Unidentified Load
- 37.● Unidentified Load
- 38.● Unidentified Load
- 39.● Unidentified Load
- 40.● Hand Dryers
- 41.● Security
- 42.●

- Hand Dryers
43.

●

Hand Dryers
44.

●

Hand Dryers
45.

●

Hand Dryers
46.

●

Hand Dryers
47.

●

Hand Dryers
48.

●

Hand Dryers
49.

●

Hand Dryers
50.

●

Hand Dryers
51.

●

Hand Dryers
52.

●

Hand Dryers
53.

●

Hand Dryers
54.

●

Hand Dryers
55.

●

Unidentified Load
56.

●

BMS Control Panel
57.

●

Unidentified Load
58.

●

Unidentified Load
59.

●

Hand Dryers
60.

●

Hand Dryers
61.

●

Hand Dryers
62.

●

Hand Dryers
63.

●

Hand Dryers
64.

●

Water Fountain
65.

●

Hand Dryers
66.

●

Heat Tracing
67.

●

Unidentified Load
68.

●

Heat Tracing
69.

●

Heat Tracing
70.

▲

-

71.

●

-

72.

●

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73.

●

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74.

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75.

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76.

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77.

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78.

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79.

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80.

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81.

●

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82.

●

-

83.

●

-

84.

●

-

85.

-

86.

●

Receptacles - Change Room

87.

●

Receptacles - Change Room

88.

●

Receptacles - Change Room

89.

●

Receptacles - Change Room

90.

●

Receptacles

91.

●

Unidentified Load

92.

●

Receptacles

93.

●

Unidentified Load

94.

●

Receptacles

95.

●

Unidentified Load

96.

●

Receptacles

97.

●

Unidentified Load

98.

●

Receptacles- Arena SW

99.



Unidentified Load

100.



Receptacles- Arena SW

101.



Unidentified Load

102.



Receptacles- Arena SW

103.



Unidentified Load

104.



Receptacles

105.



Unidentified Load

106.



Unidentified Load

107.



Unidentified Load

108.



Unidentified Load

109.



Hand Dryers

110.



Unidentified Load

111.



Hand Dryers

112.



Unidentified Load

113.



Hand Dryers

114.



Unidentified Load

115.



Hand Dryers

116.



Unidentified Load

117.



Hand Dryers

118.



Unidentified Load

119.



Hand Dryers

120.



Unidentified Load

121.



Unidentified Load

122.



Unidentified Load

123.



Unidentified Load

124.



Unidentified Load

125.



Hand Dryers

126.



- Security
- 127.
 - Hand Dryers
- 128.
 - Hand Dryers
- 129.
 - Hand Dryers
- 130.
 - Hand Dryers
- 131.
 - Hand Dryers
- 132.
 - Hand Dryers
- 133.
 - Hand Dryers
- 134.
 - Hand Dryers
- 135.
 - Hand Dryers
- 136.
 - Hand Dryers
- 137.
 - Hand Dryers
- 138.
 - Hand Dryers
- 139.
 - Hand Dryers
- 140.
 - Unidentified Load
- 141.
 - BMS Control Panel
- 142.
 - Unidentified Load
- 143.
 - Unidentified Load
- 144.
 - Hand Dryers
- 145.
 - Hand Dryers
- 146.
 - Hand Dryers
- 147.
 - Hand Dryers
- 148.
 - Hand Dryers
- 149.
 - Water Fountain
- 150.
 - Hand Dryers
- 151.
 - Heat Tracing
- 152.
 - Unidentified Load
- 153.
 - Heat Tracing
- 154.
 -

Heat Tracing

155.



-

156.



-

157.



-

158.



-

159.



-

160.



-

161.



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162.



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163.



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164.



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165.



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166.



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167.



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168.



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169.



-

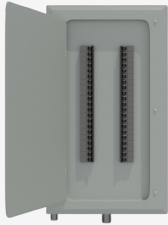
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Panel Schedule (MDP6C)

MDP6C



84
Circuits
voltage

Circuit
Breakdown

40.41
%

Spare

- 1. 26.1% Interior lighting
- 2. Other Spare 26.1%
- 3. % Interior lighting
- 4. 7.14 % Spare
- 5. HVAC Interior lighting
- 6. MU-1, EF-1, EF-2 & Yard light-contractor coils
- 7. Interior lighting
- 8. Exterior lighting
- 9. Interior lighting
- 10. Exit signs & battery packs
- 11. Sign
- 12. LVRC power supply
- 13. EF-1

14.

Yard Light-south
15.

EF-1
16.

Yard Light-south
17.

EF-1
18.

Yard Light-south
19.

MUA-1
20.

SPARE
21.

MUA-1
22.

SPARE
23.

MUA-1
24.

SPARE
25.

EF-2
26.

SPARE
27.

EF-2
28.

SPARE

29.

EF-2
30.

SPARE
31.

SPACE
32.

BLD 1000 SPACE
33.

SPACE
34.

BLD 1000 SPACE
35.

SPACE
36.

BLD 1000 SPACE
37.

SPACE
38.

SPACE
39.

SPACE
40.

SPACE
41.

SPACE

42.

SPACE
43.

Interior lighting
44.

Spare
45.

Interior lighting
46.

Spare
47.

Interior lighting
48.

MU-1, EF-1, EF-2 & Yard
light-contractor coils
49.

Interior lighting
50.

Exterior lighting
51.

Interior lighting
52.

Exit signs & battery packs
53.

Sign
54.

LVRC power supply
55.

EF-1
56.

Yard Light-south
57.

EF-1

58.

Yard Light-south

59.

EF-1

60.

Yard Light-south

61.

MUA-1

62.

SPARE

63.

MUA-1

64.

SPARE

65.

MUA-1

66.

SPARE

67.

EF-2

68.

SPARE

69.

EF-2

70.



SPARE

71.



EF-2

72.



SPARE

73.



SPACE

74.



BLD 1000 SPACE

75.



SPACE

76.



BLD 1000 SPACE

77.



SPACE

78.



BLD 1000 SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (Panel 2C)

Panel 2C































84
Circuits
voltage

Circuit Breakdown

35.71
%

Spare

1. 26.11
SW exterior receptacles
2. Other
NE exterior receptacles
23.81
3. %
S interior receptacles
Plug-Load
4. 9.52
N interior receptacles, elec rm
light+recept
HVAC
5. 4.76
S interior receptacles
%
6. Lighting
N interior recept
7. N radiant heaters
8. E unit heater
9. S radiant heaters
10. W unit heater
11. CO/NO2 Detectors
12. S destratification fans
13. E O/H door

- 14.
 N destratification fans
- 15.
 E O/H door
- 16.
 Fire alarm panel
- 17.
 E O/H door
- 18.
 Communication cabinet recept.
- 19.
 Automation panel, this room
- 20.
 W O/H Door
- 21.
 Spare
- 22.
 W O/H Door
- 23.
 Work bench lights
- 24.
 W O/H Door
- 25.
 125V 30A Plug
- 26.
 NW workbench GFCI
- 27.
 125V 30A Plug
- 28.
 SE Workbench lights/ water heater
- 29.
 SPACE
- 30.
 SPACE
- 31.
 SPACE
- 32.
 SPACE
- 33.
 SPACE
- 34.
 SPACE
- 35.
 SPACE
- 36.
 SPACE
- 37.
 SPACE
- 38.
 SPACE
- 39.
 SPACE
- 40.
 SPACE
- 41.


SPACE

42.



SPACE

43.



SW exterior receptacles

44.



NE exterior receptacles

45.



S interior receptacles

46.



N interior receptacles, elec rm
light+recept

47.



S interior receptacles

48.



N interior recept

49.



N radiant heaters

50.



E unit heater

51.



S radiant heaters

52.



W unit heater

53.



CO/NO2 Detectors

54.



S destratification fans

55.



E O/H door

56.



N destratification fans

57.



E O/H door

58.



Fire alarm panel

59.



E O/H door

60.



Communication cabinet recept.

61.



Automation panel, this room

62.



W O/H Door

63.



Spare

64.



W O/H Door

65.



Work bench lights

66.



W O/H Door

67.



125V 30A Plug

68.



NW workbench GFCI

69.



125V 30A Plug

70.



SE Workbench lights/ water heater

71.



SPACE

72.



SPACE

73.



SPACE

74.



SPACE

75.



SPACE

76.



SPACE

77.



SPACE

78.



SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

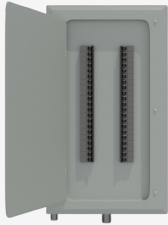
84.



SPACE

Panel Schedule (MDP6C)

MDP6C



84
Circuits
voltage

Circuit
Breakdown

40.41
%

Spare

- 1. 26.1% Interior lighting
- 2. Other Spare 26.1%
- 3. % Interior lighting
- 4. 7.14 % Spare
- 5. HVAC Interior lighting
- 6. MU-1, EF-1, EF-2 & Yard light-contractor coils
- 7. Interior lighting
- 8. Exterior lighting
- 9. Interior lighting
- 10. Exit signs & battery packs
- 11. Sign
- 12. LVRC power supply
- 13. EF-1

14.

Yard Light-south
15.

EF-1
16.

Yard Light-south
17.

EF-1
18.

Yard Light-south
19.

MUA-1
20.

SPARE
21.

MUA-1
22.

SPARE
23.

MUA-1
24.

SPARE
25.

EF-2
26.

SPARE
27.

EF-2
28.

SPARE

29.

EF-2
30.

SPARE
31.

SPACE
32.

BLD 1000 SPACE
33.

SPACE
34.

BLD 1000 SPACE
35.

SPACE
36.

BLD 1000 SPACE
37.

SPACE
38.

SPACE
39.

SPACE
40.

SPACE
41.

SPACE

42.

SPACE
43.

Interior lighting
44.

Spare
45.

Interior lighting
46.

Spare
47.

Interior lighting
48.

MU-1, EF-1, EF-2 & Yard
light-contractor coils
49.

Interior lighting
50.

Exterior lighting
51.

Interior lighting
52.

Exit signs & battery packs
53.

Sign
54.

LVRC power supply
55.

EF-1
56.

Yard Light-south
57.

EF-1

58.

Yard Light-south

59.

EF-1

60.

Yard Light-south

61.

MUA-1

62.

SPARE

63.

MUA-1

64.

SPARE

65.

MUA-1

66.

SPARE

67.

EF-2

68.

SPARE

69.

EF-2

70.



SPARE

71.



EF-2

72.



SPARE

73.



SPACE

74.



BLD 1000 SPACE

75.



SPACE

76.



BLD 1000 SPACE

77.



SPACE

78.



BLD 1000 SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (Panel 2C)

Panel 2C































84
Circuits
voltage

Circuit Breakdown

35.71
%

Spare

1. 26.11
SW exterior receptacles
2. Other
NE exterior receptacles
23.81
3. %
S interior receptacles
Plug-Load
4. 9.52
N interior receptacles, elec rm
light+recept
HVAC
5. 4.76
S interior receptacles
%
6. Lighting
N interior recept
7. N radiant heaters
8. E unit heater
9. S radiant heaters
10. W unit heater
11. CO/NO2 Detectors
12. S destratification fans
13. E O/H door

- 14.
 N destratification fans
- 15.
 E O/H door
- 16.
 Fire alarm panel
- 17.
 E O/H door
- 18.
 Communication cabinet recept.
- 19.
 Automation panel, this room
- 20.
 W O/H Door
- 21.
 Spare
- 22.
 W O/H Door
- 23.
 Work bench lights
- 24.
 W O/H Door
- 25.
 125V 30A Plug
- 26.
 NW workbench GFCI
- 27.
 125V 30A Plug
- 28.
 SE Workbench lights/ water heater
- 29.
 SPACE
- 30.
 SPACE
- 31.
 SPACE
- 32.
 SPACE
- 33.
 SPACE
- 34.
 SPACE
- 35.
 SPACE
- 36.
 SPACE
- 37.
 SPACE
- 38.
 SPACE
- 39.
 SPACE
- 40.
 SPACE
- 41.


SPACE

42.



SPACE

43.



SW exterior receptacles

44.



NE exterior receptacles

45.



S interior receptacles

46.



N interior receptacles, elec rm
light+recept

47.



S interior receptacles

48.



N interior recept

49.



N radiant heaters

50.



E unit heater

51.



S radiant heaters

52.



W unit heater

53.



CO/NO2 Detectors

54.



S destratification fans

55.



E O/H door

56.



N destratification fans

57.



E O/H door

58.



Fire alarm panel

59.



E O/H door

60.



Communication cabinet recept.

61.



Automation panel, this room

62.



W O/H Door

63.



Spare

64.



W O/H Door

65.



Work bench lights

66.



W O/H Door

67.



125V 30A Plug

68.



NW workbench GFCI

69.



125V 30A Plug

70.



SE Workbench lights/ water heater

71.



SPACE

72.



SPACE

73.



SPACE

74.



SPACE

75.



SPACE

76.



SPACE

77.



SPACE

78.



SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (MDP6C)

MDP6C



84
Circuits
voltage

Circuit
Breakdown

40.41
%

Spare

- 1. 26.1% Interior lighting
- 2. Other Spare 26.1%
- 3. % Interior lighting
- 4. 7.14 % Spare
- 5. HVAC Interior lighting
- 6. MU-1, EF-1, EF-2 & Yard light-contractor coils
- 7. Interior lighting
- 8. Exterior lighting
- 9. Interior lighting
- 10. Exit signs & battery packs
- 11. Sign
- 12. LVRC power supply
- 13. EF-1

14.

Yard Light-south
15.

EF-1
16.

Yard Light-south
17.

EF-1
18.

Yard Light-south
19.

MUA-1
20.

SPARE
21.

MUA-1
22.

SPARE
23.

MUA-1
24.

SPARE
25.

EF-2
26.

SPARE
27.

EF-2
28.

SPARE

29.

EF-2
30.

SPARE
31.

SPACE
32.

BLD 1000 SPACE
33.

SPACE
34.

BLD 1000 SPACE
35.

SPACE
36.

BLD 1000 SPACE
37.

SPACE
38.

SPACE
39.

SPACE
40.

SPACE
41.

SPACE

42.

SPACE
43.

Interior lighting
44.

Spare
45.

Interior lighting
46.

Spare
47.

Interior lighting
48.

MU-1, EF-1, EF-2 & Yard
light-contractor coils
49.

Interior lighting
50.

Exterior lighting
51.

Interior lighting
52.

Exit signs & battery packs
53.

Sign
54.

LVRC power supply
55.

EF-1
56.

Yard Light-south
57.

EF-1

58.

Yard Light-south

59.

EF-1

60.

Yard Light-south

61.

MUA-1

62.

SPARE

63.

MUA-1

64.

SPARE

65.

MUA-1

66.

SPARE

67.

EF-2

68.

SPARE

69.

EF-2

70.



SPARE

71.



EF-2

72.



SPARE

73.



SPACE

74.



BLD 1000 SPACE

75.



SPACE

76.



BLD 1000 SPACE

77.



SPACE

78.



BLD 1000 SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (Panel 2C)

Panel 2C































84
Circuits
voltage

Circuit Breakdown

35.71
%

Spare

1. 26.11
SW exterior receptacles
2. Other
NE exterior receptacles
23.81
3. %
S interior receptacles
Plug-Load
4. 9.52
N interior receptacles, elec rm
light+recept
HVAC
5. 4.76
S interior receptacles
%
6. Lighting
N interior recept
7. N radiant heaters
8. E unit heater
9. S radiant heaters
10. W unit heater
11. CO/NO2 Detectors
12. S destratification fans
13. E O/H door

- 14.
 N destratification fans
- 15.
 E O/H door
- 16.
 Fire alarm panel
- 17.
 E O/H door
- 18.
 Communication cabinet recept.
- 19.
 Automation panel, this room
- 20.
 W O/H Door
- 21.
 Spare
- 22.
 W O/H Door
- 23.
 Work bench lights
- 24.
 W O/H Door
- 25.
 125V 30A Plug
- 26.
 NW workbench GFCI
- 27.
 125V 30A Plug
- 28.
 SE Workbench lights/ water heater
- 29.
 SPACE
- 30.
 SPACE
- 31.
 SPACE
- 32.
 SPACE
- 33.
 SPACE
- 34.
 SPACE
- 35.
 SPACE
- 36.
 SPACE
- 37.
 SPACE
- 38.
 SPACE
- 39.
 SPACE
- 40.
 SPACE
- 41.


SPACE

42.



SPACE

43.



SW exterior receptacles

44.



NE exterior receptacles

45.



S interior receptacles

46.



N interior receptacles, elec rm
light+recept

47.



S interior receptacles

48.



N interior recept

49.



N radiant heaters

50.



E unit heater

51.



S radiant heaters

52.



W unit heater

53.



CO/NO2 Detectors

54.



S destratification fans

55.



E O/H door

56.



N destratification fans

57.



E O/H door

58.



Fire alarm panel

59.



E O/H door

60.



Communication cabinet recept.

61.



Automation panel, this room

62.



W O/H Door

63.



Spare

64.



W O/H Door

65.



Work bench lights

66.



W O/H Door

67.



125V 30A Plug

68.



NW workbench GFCI

69.



125V 30A Plug

70.



SE Workbench lights/ water heater

71.



SPACE

72.



SPACE

73.



SPACE

74.



SPACE

75.



SPACE

76.



SPACE

77.



SPACE

78.



SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

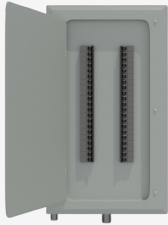
84.



SPACE

Panel Schedule (MDP6C)

MDP6C



84
Circuits
voltage

Circuit Breakdown

40.41
%

Spare

- 1. 26.1% Interior lighting
- 2. Other Spare 26.1%
- 3. % Interior lighting
- 4. 7.14 % Spare
- 5. HVAC Interior lighting
- 6. MU-1, EF-1, EF-2 & Yard light-contractor coils
- 7. Interior lighting
- 8. Exterior lighting
- 9. Interior lighting
- 10. Exit signs & battery packs
- 11. Sign
- 12. LVRC power supply
- 13. EF-1

14.

Yard Light-south
15.

EF-1
16.

Yard Light-south
17.

EF-1
18.

Yard Light-south
19.

MUA-1
20.

SPARE
21.

MUA-1
22.

SPARE
23.

MUA-1
24.

SPARE
25.

EF-2
26.

SPARE
27.

EF-2
28.

SPARE

29.

EF-2
30.

SPARE
31.

SPACE
32.

BLD 1000 SPACE
33.

SPACE
34.

BLD 1000 SPACE
35.

SPACE
36.

BLD 1000 SPACE
37.

SPACE
38.

SPACE
39.

SPACE
40.

SPACE
41.

SPACE

42.

SPACE
43.

Interior lighting
44.

Spare
45.

Interior lighting
46.

Spare
47.

Interior lighting
48.

MU-1, EF-1, EF-2 & Yard
light-contractor coils
49.

Interior lighting
50.

Exterior lighting
51.

Interior lighting
52.

Exit signs & battery packs
53.

Sign
54.

LVRC power supply
55.

EF-1
56.

Yard Light-south
57.

EF-1

58.

Yard Light-south

59.

EF-1

60.

Yard Light-south

61.

MUA-1

62.

SPARE

63.

MUA-1

64.

SPARE

65.

MUA-1

66.

SPARE

67.

EF-2

68.

SPARE

69.

EF-2

70.



SPARE

71.



EF-2

72.



SPARE

73.



SPACE

74.



BLD 1000 SPACE

75.



SPACE

76.



BLD 1000 SPACE

77.



SPACE

78.



BLD 1000 SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (Panel 2C)

Panel 2C































84
Circuits
voltage

Circuit Breakdown

35.71
%

Spare

1. 26.11
SW exterior receptacles
2. Other
NE exterior receptacles
23.81
3. %
S interior receptacles
Plug-Load
4. 9.52
N interior receptacles, elec rm
light+recept
HVAC
5. 4.76
S interior receptacles
%
6. Lighting
N interior recept
7. N radiant heaters
8. E unit heater
9. S radiant heaters
10. W unit heater
11. CO/NO2 Detectors
12. S destratification fans
13. E O/H door

- 14.
 N destratification fans
- 15.
 E O/H door
- 16.
 Fire alarm panel
- 17.
 E O/H door
- 18.
 Communication cabinet recept.
- 19.
 Automation panel, this room
- 20.
 W O/H Door
- 21.
 Spare
- 22.
 W O/H Door
- 23.
 Work bench lights
- 24.
 W O/H Door
- 25.
 125V 30A Plug
- 26.
 NW workbench GFCI
- 27.
 125V 30A Plug
- 28.
 SE Workbench lights/ water heater
- 29.
 SPACE
- 30.
 SPACE
- 31.
 SPACE
- 32.
 SPACE
- 33.
 SPACE
- 34.
 SPACE
- 35.
 SPACE
- 36.
 SPACE
- 37.
 SPACE
- 38.
 SPACE
- 39.
 SPACE
- 40.
 SPACE
- 41.


SPACE

42.



SPACE

43.



SW exterior receptacles

44.



NE exterior receptacles

45.



S interior receptacles

46.



N interior receptacles, elec rm
light+recept

47.



S interior receptacles

48.



N interior recept

49.



N radiant heaters

50.



E unit heater

51.



S radiant heaters

52.



W unit heater

53.



CO/NO2 Detectors

54.



S destratification fans

55.



E O/H door

56.



N destratification fans

57.



E O/H door

58.



Fire alarm panel

59.



E O/H door

60.



Communication cabinet recept.

61.



Automation panel, this room

62.



W O/H Door

63.



Spare

64.



W O/H Door

65.



Work bench lights

66.



W O/H Door

67.



125V 30A Plug

68.



NW workbench GFCI

69.



125V 30A Plug

70.



SE Workbench lights/ water heater

71.



SPACE

72.



SPACE

73.



SPACE

74.



SPACE

75.



SPACE

76.



SPACE

77.



SPACE

78.



SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (MDP6C)

MDP6C



84
Circuits
voltage

Circuit Breakdown

40.41
%

Spare

- 1. 26.1% Interior lighting
- 2. Other Spare 26.1%
- 3. % Interior lighting
- 4. 7.14 % Spare
- 5. HVAC Interior lighting
- 6. MU-1, EF-1, EF-2 & Yard light-contractor coils
- 7. Interior lighting
- 8. Exterior lighting
- 9. Interior lighting
- 10. Exit signs & battery packs
- 11. Sign
- 12. LVRC power supply
- 13. EF-1

14.

Yard Light-south
15.

EF-1
16.

Yard Light-south
17.

EF-1
18.

Yard Light-south
19.

MUA-1
20.

SPARE
21.

MUA-1
22.

SPARE
23.

MUA-1
24.

SPARE
25.

EF-2
26.

SPARE
27.

EF-2
28.

SPARE

29.

EF-2
30.

SPARE
31.

SPACE
32.

BLD 1000 SPACE
33.

SPACE
34.

BLD 1000 SPACE
35.

SPACE
36.

BLD 1000 SPACE
37.

SPACE
38.

SPACE
39.

SPACE
40.

SPACE
41.

SPACE

42.

SPACE
43.

Interior lighting
44.

Spare
45.

Interior lighting
46.

Spare
47.

Interior lighting
48.

MU-1, EF-1, EF-2 & Yard
light-contractor coils
49.

Interior lighting
50.

Exterior lighting
51.

Interior lighting
52.

Exit signs & battery packs
53.

Sign
54.

LVRC power supply
55.

EF-1
56.

Yard Light-south
57.

EF-1

58.

Yard Light-south

59.

EF-1

60.

Yard Light-south

61.

MUA-1

62.

SPARE

63.

MUA-1

64.

SPARE

65.

MUA-1

66.

SPARE

67.

EF-2

68.

SPARE

69.

EF-2

70.



SPARE

71.



EF-2

72.



SPARE

73.



SPACE

74.



BLD 1000 SPACE

75.



SPACE

76.



BLD 1000 SPACE

77.



SPACE

78.



BLD 1000 SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (Panel 2C)

Panel 2C































84
Circuits
voltage

Circuit Breakdown

35.71
%

Spare

- 1. 26.11
SW exterior receptacles
- 2. Other
NE exterior receptacles
- 3. 23.81
%
- 4. 9.52
S interior receptacles
- 5. 4.76
N interior receptacles, elec rm
light+recept
HVAC
- 6. Lighting
N interior recept
- 7. N radiant heaters
- 8. E unit heater
- 9. S radiant heaters
- 10. W unit heater
- 11. CO/NO2 Detectors
- 12. S destratification fans
- 13. E O/H door

- 14.
 N destratification fans
- 15.
 E O/H door
- 16.
 Fire alarm panel
- 17.
 E O/H door
- 18.
 Communication cabinet recept.
- 19.
 Automation panel, this room
- 20.
 W O/H Door
- 21.
 Spare
- 22.
 W O/H Door
- 23.
 Work bench lights
- 24.
 W O/H Door
- 25.
 125V 30A Plug
- 26.
 NW workbench GFCI
- 27.
 125V 30A Plug
- 28.
 SE Workbench lights/ water heater
- 29.
 SPACE
- 30.
 SPACE
- 31.
 SPACE
- 32.
 SPACE
- 33.
 SPACE
- 34.
 SPACE
- 35.
 SPACE
- 36.
 SPACE
- 37.
 SPACE
- 38.
 SPACE
- 39.
 SPACE
- 40.
 SPACE
- 41.


SPACE

42.



SPACE

43.



SW exterior receptacles

44.



NE exterior receptacles

45.



S interior receptacles

46.



N interior receptacles, elec rm
light+recept

47.



S interior receptacles

48.



N interior recept

49.



N radiant heaters

50.



E unit heater

51.



S radiant heaters

52.



W unit heater

53.



CO/NO2 Detectors

54.



S destratification fans

55.



E O/H door

56.



N destratification fans

57.



E O/H door

58.



Fire alarm panel

59.



E O/H door

60.



Communication cabinet recept.

61.



Automation panel, this room

62.



W O/H Door

63.



Spare

64.



W O/H Door

65.



Work bench lights

66.



W O/H Door

67.



125V 30A Plug

68.



NW workbench GFCI

69.



125V 30A Plug

70.



SE Workbench lights/ water heater

71.



SPACE

72.



SPACE

73.



SPACE

74.



SPACE

75.



SPACE

76.



SPACE

77.



SPACE

78.



SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (MDP6C)

MDP6C



84
Circuits
voltage

Circuit Breakdown

40.41
%

Spare

- 1. 26.1% Interior lighting
- 2. Other Spare 26.1%
- 3. % Interior lighting
- 4. 7.14 % Spare
- 5. HVAC Interior lighting
- 6. MU-1, EF-1, EF-2 & Yard light-contractor coils
- 7. Interior lighting
- 8. Exterior lighting
- 9. Interior lighting
- 10. Exit signs & battery packs
- 11. Sign
- 12. LVRC power supply
- 13. EF-1

14.

Yard Light-south
15.

EF-1
16.

Yard Light-south
17.

EF-1
18.

Yard Light-south
19.

MUA-1
20.

SPARE
21.

MUA-1
22.

SPARE
23.

MUA-1
24.

SPARE
25.

EF-2
26.

SPARE
27.

EF-2
28.

SPARE

29.

EF-2
30.

SPARE
31.

SPACE
32.

BLD 1000 SPACE
33.

SPACE
34.

BLD 1000 SPACE
35.

SPACE
36.

BLD 1000 SPACE
37.

SPACE
38.

SPACE
39.

SPACE
40.

SPACE
41.

SPACE

42.

SPACE
43.

Interior lighting
44.

Spare
45.

Interior lighting
46.

Spare
47.

Interior lighting
48.

MU-1, EF-1, EF-2 & Yard
light-contractor coils
49.

Interior lighting
50.

Exterior lighting
51.

Interior lighting
52.

Exit signs & battery packs
53.

Sign
54.

LVRC power supply
55.

EF-1
56.

Yard Light-south
57.

EF-1

58.

Yard Light-south

59.

EF-1

60.

Yard Light-south

61.

MUA-1

62.

SPARE

63.

MUA-1

64.

SPARE

65.

MUA-1

66.

SPARE

67.

EF-2

68.

SPARE

69.

EF-2

70.



SPARE

71.



EF-2

72.



SPARE

73.



SPACE

74.



BLD 1000 SPACE

75.



SPACE

76.



BLD 1000 SPACE

77.



SPACE

78.



BLD 1000 SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

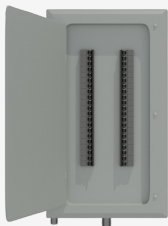
84.



SPACE

Panel Schedule (Panel 2C)

Panel 2C































84
Circuits
voltage

Circuit Breakdown

35.71
%

Spare

1. 26.11
SW exterior receptacles
2. Other
NE exterior receptacles
23.81
3. %
S interior receptacles
Plug-Load
4. 9.52
N interior receptacles, elec rm
light+recept
HVAC
5. 4.76
S interior receptacles
%
6. Lighting
N interior recept
7. N radiant heaters
8. E unit heater
9. S radiant heaters
10. W unit heater
11. CO/NO2 Detectors
12. S destratification fans
13. E O/H door

- 14.
 N destratification fans
- 15.
 E O/H door
- 16.
 Fire alarm panel
- 17.
 E O/H door
- 18.
 Communication cabinet recept.
- 19.
 Automation panel, this room
- 20.
 W O/H Door
- 21.
 Spare
- 22.
 W O/H Door
- 23.
 Work bench lights
- 24.
 W O/H Door
- 25.
 125V 30A Plug
- 26.
 NW workbench GFCI
- 27.
 125V 30A Plug
- 28.
 SE Workbench lights/ water heater
- 29.
 SPACE
- 30.
 SPACE
- 31.
 SPACE
- 32.
 SPACE
- 33.
 SPACE
- 34.
 SPACE
- 35.
 SPACE
- 36.
 SPACE
- 37.
 SPACE
- 38.
 SPACE
- 39.
 SPACE
- 40.
 SPACE
- 41.


SPACE

42.



SPACE

43.



SW exterior receptacles

44.



NE exterior receptacles

45.



S interior receptacles

46.



N interior receptacles, elec rm
light+recept

47.



S interior receptacles

48.



N interior recept

49.



N radiant heaters

50.



E unit heater

51.



S radiant heaters

52.



W unit heater

53.



CO/NO2 Detectors

54.



S destratification fans

55.



E O/H door

56.



N destratification fans

57.



E O/H door

58.



Fire alarm panel

59.



E O/H door

60.



Communication cabinet recept.

61.



Automation panel, this room

62.



W O/H Door

63.



Spare

64.



W O/H Door

65.



Work bench lights

66.



W O/H Door

67.



125V 30A Plug

68.



NW workbench GFCI

69.



125V 30A Plug

70.



SE Workbench lights/ water heater

71.



SPACE

72.



SPACE

73.



SPACE

74.



SPACE

75.



SPACE

76.



SPACE

77.



SPACE

78.



SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (Panel 1)

Panel 1



170
Circuits
voltage

Circuit Breakdown

68.2%
%

Other

- 1. 17.6% Receptacles - Change Room
- 2. Spare Receptacles - Change Room 14.1%
- 3. % Receptacles - Change Room Plug-Load
- 4. Receptacles - Change Room
- 5. Receptacles
- 6. Unidentified Load
- 7. Receptacles
- 8. Unidentified Load
- 9. Receptacles
- 10. Unidentified Load
- 11. Receptacles
- 12. Unidentified Load
- 13. Receptacles- Arena SW
- 14.

- Unidentified Load
- 15.● Receptacles- Arena SW
- 16.● Unidentified Load
- 17.● Receptacles- Arena SW
- 18.● Unidentified Load
- 19.● Receptacles
- 20.● Unidentified Load
- 21.● Unidentified Load
- 22.● Unidentified Load
- 23.● Unidentified Load
- 24.● Hand Dryers
- 25.● Unidentified Load
- 26.● Hand Dryers
- 27.● Unidentified Load
- 28.● Hand Dryers
- 29.● Unidentified Load
- 30.● Hand Dryers
- 31.● Unidentified Load
- 32.● Hand Dryers
- 33.● Unidentified Load
- 34.● Hand Dryers
- 35.● Unidentified Load
- 36.● Unidentified Load
- 37.● Unidentified Load
- 38.● Unidentified Load
- 39.● Unidentified Load
- 40.● Hand Dryers
- 41.● Security
- 42.●

- Hand Dryers

43.

●

Hand Dryers

44.

●

Hand Dryers

45.

●

Hand Dryers

46.

●

Hand Dryers

47.

●

Hand Dryers

48.

●

Hand Dryers

49.

●

Hand Dryers

50.

●

Hand Dryers

51.

●

Hand Dryers

52.

●

Hand Dryers

53.

●

Hand Dryers

54.

●

Hand Dryers

55.

●

Unidentified Load

56.

●

BMS Control Panel

57.

●

Unidentified Load
58.

●

Unidentified Load

59.

●

Hand Dryers

60.

●

Hand Dryers

61.

●

Hand Dryers

62.

●

Hand Dryers

63.

●

Hand Dryers

64.

●

Water Fountain

65.

●

Hand Dryers

66.

●

Heat Tracing

67.

●

Unidentified Load

68.

●

Heat Tracing

69.

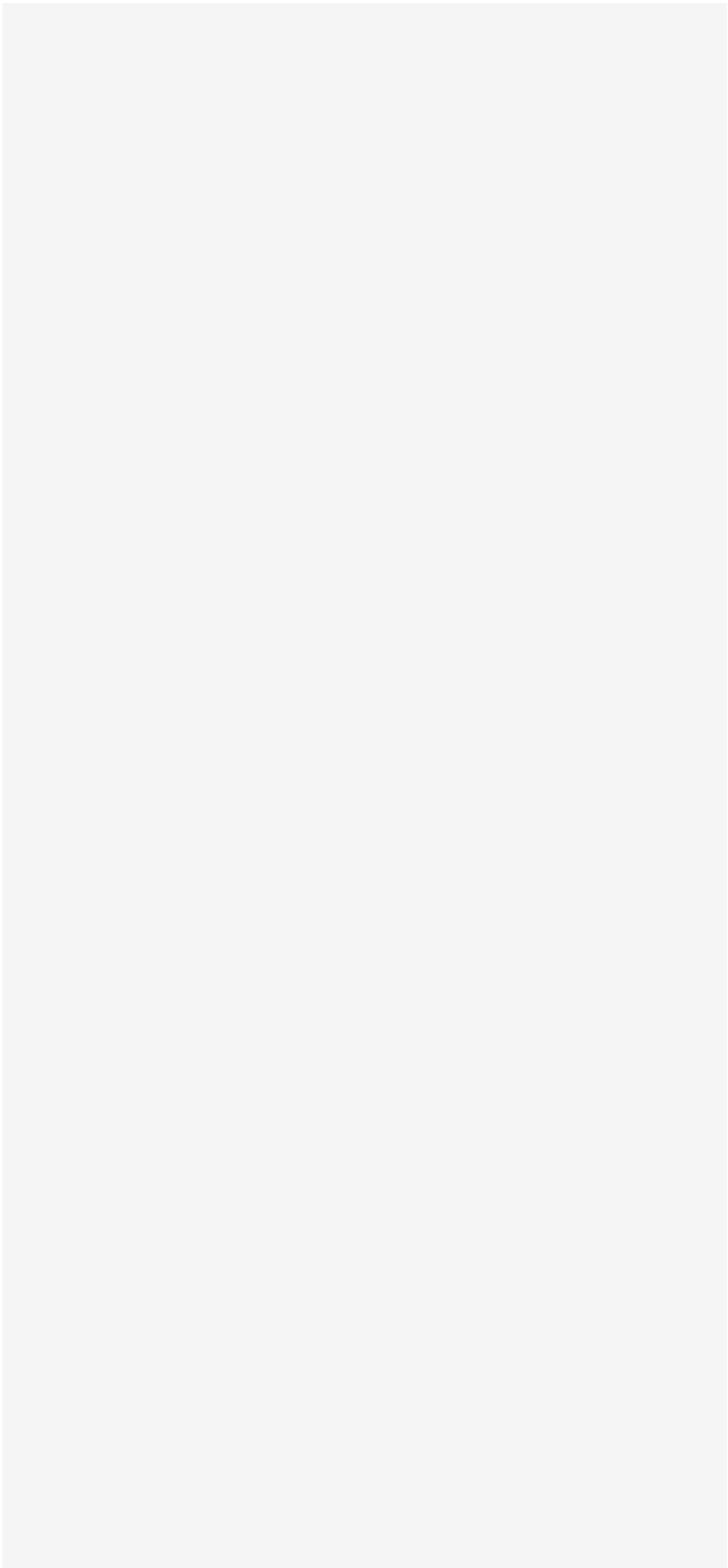
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Heat Tracing

70.

▲

-
-
- 71.
-
- 72.
-
- 73.
-
- 74.
-
- 75.
-
- 76.
-
- 77.
-
- 78.
-
- 79.
-
- 80.
-
- 81.
-
- 82.
-
- 83.
-
- 84.
-
- 85.
-
- 86.
- Receptacles - Change Room
- 87.
- Receptacles - Change Room
- 88.
- Receptacles - Change Room
- 89.
- Receptacles - Change Room
- 90.
- Receptacles
- 91.
- Unidentified Load
- 92.
- Receptacles
- 93.
- Unidentified Load
- 94.
- Receptacles
- 95.
- Unidentified Load
- 96.
- Receptacles
- 97.
- Unidentified Load
- 98.



Receptacles- Arena SW

99.



Unidentified Load

100.



Receptacles- Arena SW

101.



Unidentified Load

102.



Receptacles- Arena SW

103.



Unidentified Load

104.



Receptacles

105.



Unidentified Load

106.



Unidentified Load

107.



Unidentified Load

108.



Unidentified Load

109.



Hand Dryers

110.



Unidentified Load

111.



Hand Dryers

112.



Unidentified Load

113.



Hand Dryers

114.



Unidentified Load

115.



Hand Dryers

116.



Unidentified Load

117.



Hand Dryers

118.



Unidentified Load

119.



Hand Dryers

120.



Unidentified Load

121.



Unidentified Load

122.



Unidentified Load

123.



Unidentified Load

124.



Unidentified Load

125.

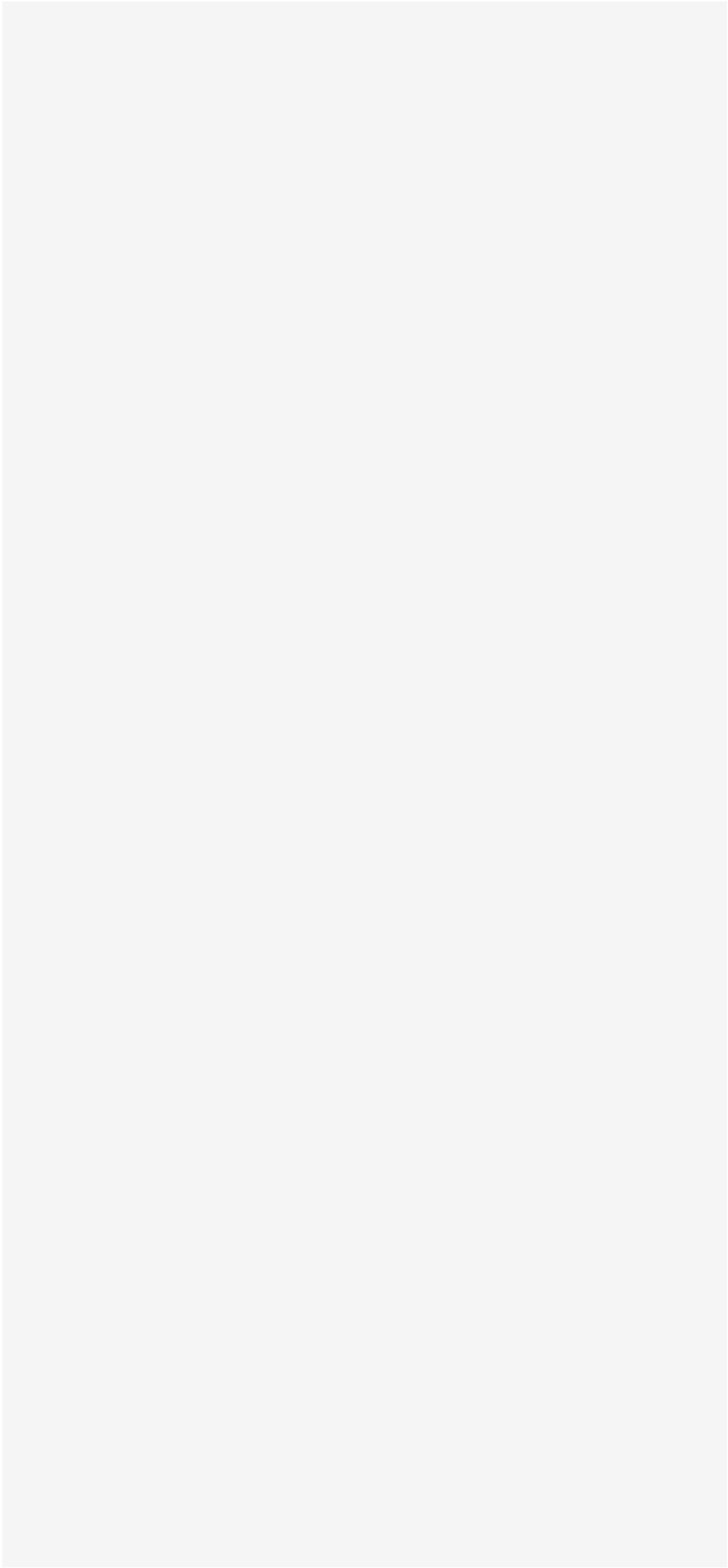


Hand Dryers

126.



- Security
- 127.
 - Hand Dryers
- 128.
 - Hand Dryers
- 129.
 - Hand Dryers
- 130.
 - Hand Dryers
- 131.
 - Hand Dryers
- 132.
 - Hand Dryers
- 133.
 - Hand Dryers
- 134.
 - Hand Dryers
- 135.
 - Hand Dryers
- 136.
 - Hand Dryers
- 137.
 - Hand Dryers
- 138.
 - Hand Dryers
- 139.
 - Hand Dryers
- 140.
 - Unidentified Load
- 141.
 - BMS Control Panel
- 142.
 - Unidentified Load
- 143.
 - Unidentified Load
- 144.
 - Hand Dryers
- 145.
 - Hand Dryers
- 146.
 - Hand Dryers
- 147.
 - Hand Dryers
- 148.
 - Hand Dryers
- 149.
 - Water Fountain
- 150.
 - Hand Dryers
- 151.
 - Heat Tracing
- 152.
 - Unidentified Load
- 153.
 - Heat Tracing
- 154.
 -



Heat Tracing

155.



-

156.



-

157.



-

158.



-

159.



-

160.



-

161.



-

162.



-

163.



-

164.



-

165.



-

166.



-

167.



-

168.



-

169.



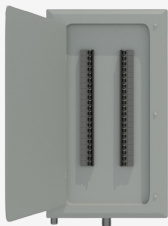
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170.



-

Panel 2



170
Circuits
voltage

Circuit
Breakdown

68.2%
%

Other

- 1. 17.6% Receptacles - Change Room
- 2. Spare Receptacles - Change Room 14.1%
- 3. % Receptacles - Change Room Plug-Load
- 4. Receptacles - Change Room
- 5. Receptacles
- 6. Unidentified Load
- 7. Receptacles
- 8. Unidentified Load
- 9. Receptacles
- 10. Unidentified Load
- 11. Receptacles
- 12. Unidentified Load
- 13. Receptacles- Arena SW
- 14.

- Unidentified Load
- 15.● Receptacles- Arena SW
- 16.● Unidentified Load
- 17.● Receptacles- Arena SW
- 18.● Unidentified Load
- 19.● Receptacles
- 20.● Unidentified Load
- 21.● Unidentified Load
- 22.● Unidentified Load
- 23.● Unidentified Load
- 24.● Hand Dryers
- 25.● Unidentified Load
- 26.● Hand Dryers
- 27.● Unidentified Load
- 28.● Hand Dryers
- 29.● Unidentified Load
- 30.● Hand Dryers
- 31.● Unidentified Load
- 32.● Hand Dryers
- 33.● Unidentified Load
- 34.● Hand Dryers
- 35.● Unidentified Load
- 36.● Unidentified Load
- 37.● Unidentified Load
- 38.● Unidentified Load
- 39.● Unidentified Load
- 40.● Hand Dryers
- 41.● Security
- 42.●

- Hand Dryers

43.

●

Hand Dryers

44.

●

Hand Dryers

45.

●

Hand Dryers

46.

●

Hand Dryers

47.

●

Hand Dryers

48.

●

Hand Dryers

49.

●

Hand Dryers

50.

●

Hand Dryers

51.

●

Hand Dryers

52.

●

Hand Dryers

53.

●

Hand Dryers

54.

●

Hand Dryers

55.

●

Unidentified Load

56.

●

BMS Control Panel

57.

●

Unidentified Load
58.

●

Unidentified Load

59.

●

Hand Dryers

60.

●

Hand Dryers

61.

●

Hand Dryers

62.

●

Hand Dryers

63.

●

Hand Dryers

64.

●

Water Fountain

65.

●

Hand Dryers

66.

●

Heat Tracing

67.

●

Unidentified Load

68.

●

Heat Tracing

69.

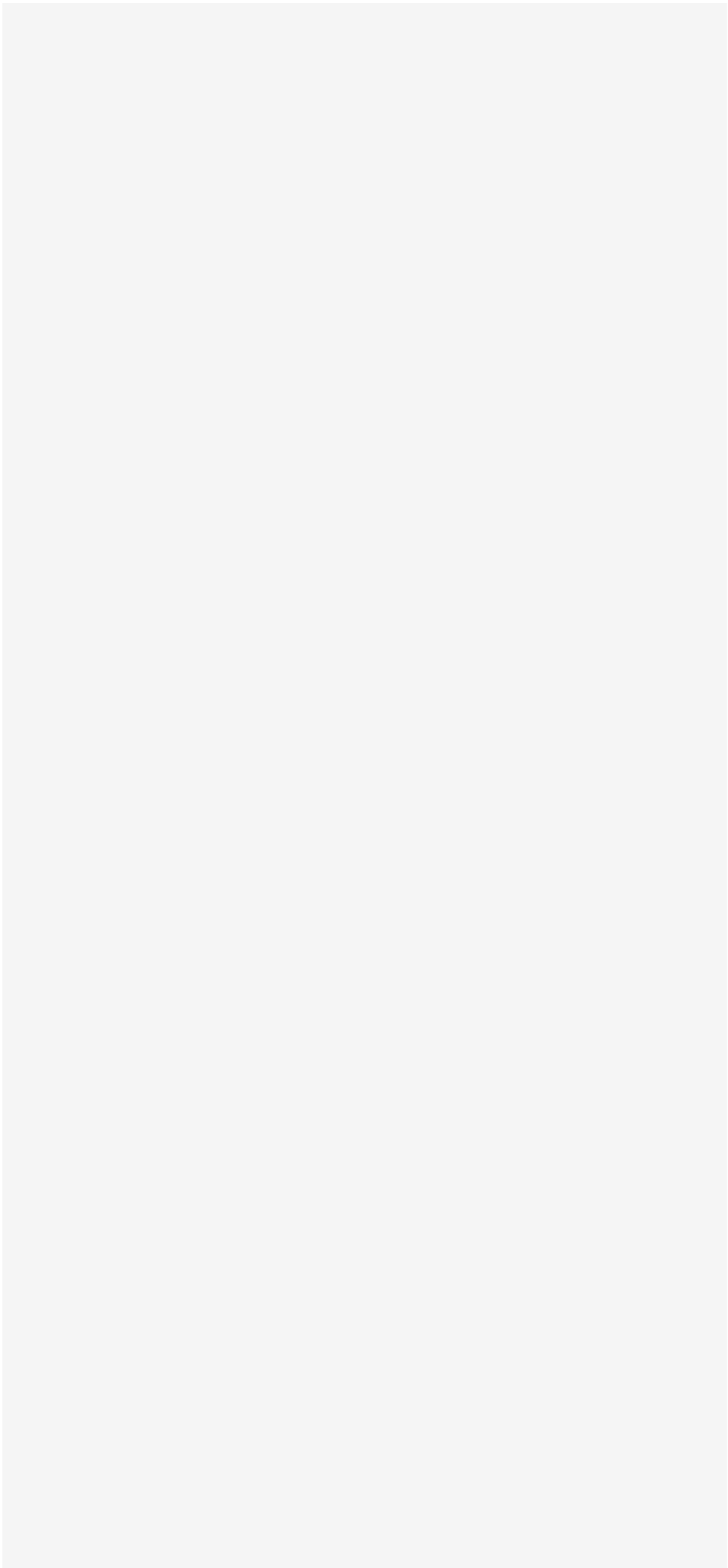
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Heat Tracing

70.

▲

-
-
- 71.
-
- 72.
-
- 73.
-
- 74.
-
- 75.
-
- 76.
-
- 77.
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- 78.
-
- 79.
-
- 80.
-
- 81.
-
- 82.
-
- 83.
-
- 84.
-
- 85.
-
- 86.
- Receptacles - Change Room
- 87.
- Receptacles - Change Room
- 88.
- Receptacles - Change Room
- 89.
- Receptacles - Change Room
- 90.
- Receptacles
- 91.
- Unidentified Load
- 92.
- Receptacles
- 93.
- Unidentified Load
- 94.
- Receptacles
- 95.
- Unidentified Load
- 96.
- Receptacles
- 97.
- Unidentified Load
- 98.



Receptacles- Arena SW

99.



Unidentified Load

100.



Receptacles- Arena SW

101.



Unidentified Load

102.



Receptacles- Arena SW

103.



Unidentified Load

104.



Receptacles

105.



Unidentified Load

106.



Unidentified Load

107.



Unidentified Load

108.



Unidentified Load

109.



Hand Dryers

110.



Unidentified Load

111.



Hand Dryers

112.



Unidentified Load

113.



Hand Dryers

114.



Unidentified Load

115.



Hand Dryers

116.



Unidentified Load

117.



Hand Dryers

118.



Unidentified Load

119.



Hand Dryers

120.



Unidentified Load

121.



Unidentified Load

122.



Unidentified Load

123.



Unidentified Load

124.



Unidentified Load

125.

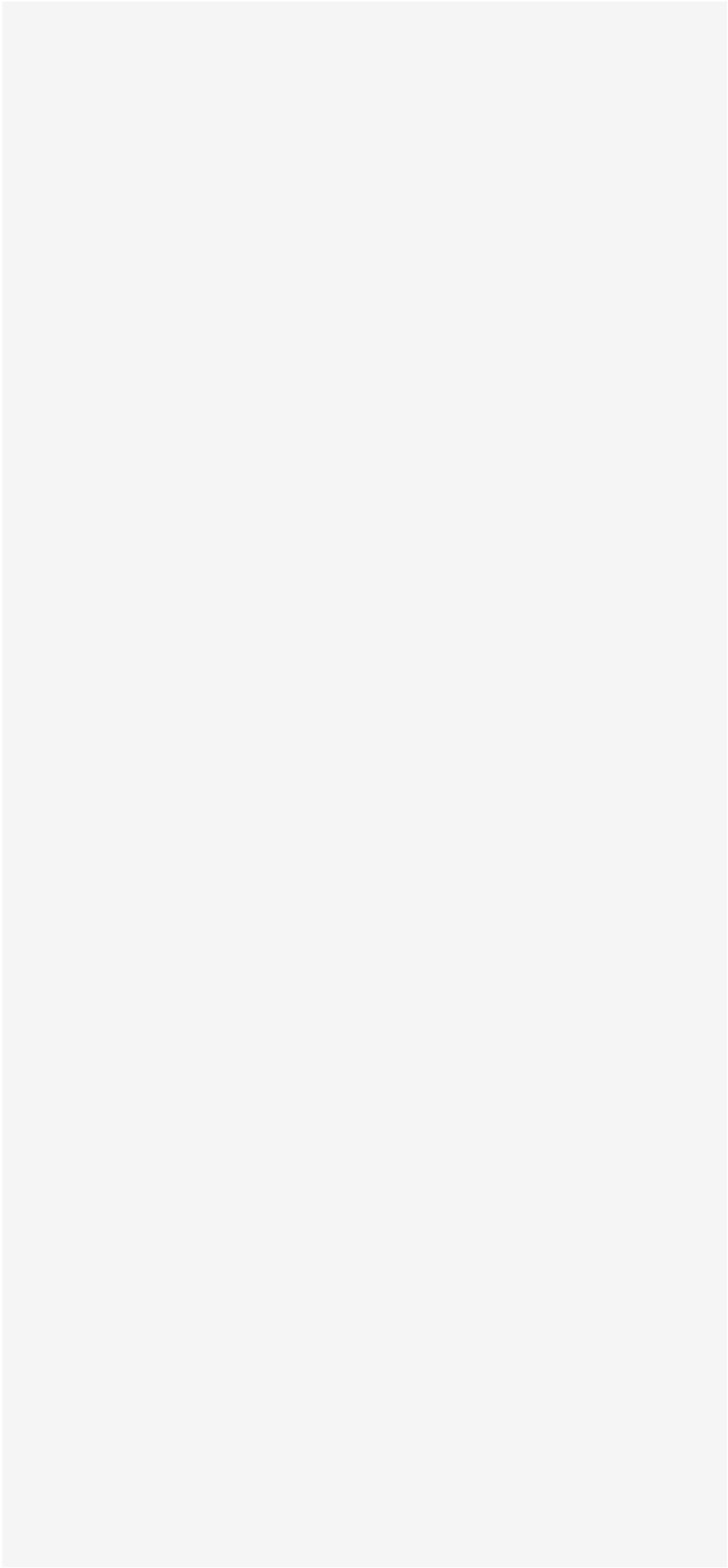


Hand Dryers

126.



- Security
- 127.
 - Hand Dryers
- 128.
 - Hand Dryers
- 129.
 - Hand Dryers
- 130.
 - Hand Dryers
- 131.
 - Hand Dryers
- 132.
 - Hand Dryers
- 133.
 - Hand Dryers
- 134.
 - Hand Dryers
- 135.
 - Hand Dryers
- 136.
 - Hand Dryers
- 137.
 - Hand Dryers
- 138.
 - Hand Dryers
- 139.
 - Hand Dryers
- 140.
 - Unidentified Load
- 141.
 - BMS Control Panel
- 142.
 - Unidentified Load
- 143.
 - Unidentified Load
- 144.
 - Hand Dryers
- 145.
 - Hand Dryers
- 146.
 - Hand Dryers
- 147.
 - Hand Dryers
- 148.
 - Hand Dryers
- 149.
 - Water Fountain
- 150.
 - Hand Dryers
- 151.
 - Heat Tracing
- 152.
 - Unidentified Load
- 153.
 - Heat Tracing
- 154.
 -



Heat Tracing

155.



-

156.



-

157.



-

158.



-

159.



-

160.



-

161.



-

162.



-

163.



-

164.



-

165.



-

166.



-

167.



-

168.



-

169.



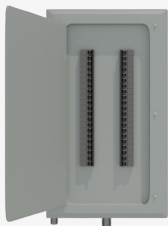
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170.

-

Panel Schedule (MDP6C)

MDP6C



84
Circuits
voltage

Circuit Breakdown

40.41
%

Spare

- 1. 26.1% Interior lighting
- 2. Other Spare 26.1%
- 3. % Interior lighting
- 4. 7.14 % Spare
- 5. HVAC Interior lighting
- 6. MU-1, EF-1, EF-2 & Yard light-contractor coils
- 7. Interior lighting
- 8. Exterior lighting
- 9. Interior lighting
- 10. Exit signs & battery packs
- 11. Sign
- 12. LVRC power supply
- 13. EF-1

14.

Yard Light-south
15.

EF-1
16.

Yard Light-south
17.

EF-1
18.

Yard Light-south
19.

MUA-1
20.

SPARE
21.

MUA-1
22.

SPARE
23.

MUA-1
24.

SPARE
25.

EF-2
26.

SPARE
27.

EF-2
28.

SPARE

29.

EF-2
30.

SPARE
31.

SPACE
32.

BLD 1000 SPACE
33.

SPACE
34.

BLD 1000 SPACE
35.

SPACE
36.

BLD 1000 SPACE
37.

SPACE
38.

SPACE
39.

SPACE
40.

SPACE
41.

SPACE

42.

SPACE
43.

Interior lighting
44.

Spare
45.

Interior lighting
46.

Spare
47.

Interior lighting
48.

MU-1, EF-1, EF-2 & Yard
light-contractor coils
49.

Interior lighting
50.

Exterior lighting
51.

Interior lighting
52.

Exit signs & battery packs
53.

Sign
54.

LVRC power supply
55.

EF-1
56.

Yard Light-south
57.

EF-1

58.

Yard Light-south

59.

EF-1

60.

Yard Light-south

61.

MUA-1

62.

SPARE

63.

MUA-1

64.

SPARE

65.

MUA-1

66.

SPARE

67.

EF-2

68.

SPARE

69.

EF-2

70.



SPARE

71.



EF-2

72.



SPARE

73.



SPACE

74.



BLD 1000 SPACE

75.



SPACE

76.



BLD 1000 SPACE

77.



SPACE

78.



BLD 1000 SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (Panel 2C)

Panel 2C































84
Circuits
voltage

Circuit Breakdown

35.71
%

Spare

1. 26.11
SW exterior receptacles
2. Other
NE exterior receptacles
23.81
3. %
S interior receptacles
Plug-Load
4. 9.52
N interior receptacles, elec rm
light+recept
HVAC
5. 4.76
S interior receptacles
%
6. Lighting
N interior recept
7. N radiant heaters
8. E unit heater
9. S radiant heaters
10. W unit heater
11. CO/NO2 Detectors
12. S destratification fans
13. E O/H door

- 14.
 N destratification fans
- 15.
 E O/H door
- 16.
 Fire alarm panel
- 17.
 E O/H door
- 18.
 Communication cabinet recept.
- 19.
 Automation panel, this room
- 20.
 W O/H Door
- 21.
 Spare
- 22.
 W O/H Door
- 23.
 Work bench lights
- 24.
 W O/H Door
- 25.
 125V 30A Plug
- 26.
 NW workbench GFCI
- 27.
 125V 30A Plug
- 28.
 SE Workbench lights/ water heater
- 29.
 SPACE
- 30.
 SPACE
- 31.
 SPACE
- 32.
 SPACE
- 33.
 SPACE
- 34.
 SPACE
- 35.
 SPACE
- 36.
 SPACE
- 37.
 SPACE
- 38.
 SPACE
- 39.
 SPACE
- 40.
 SPACE
- 41.


SPACE

42.



SPACE

43.



SW exterior receptacles

44.



NE exterior receptacles

45.



S interior receptacles

46.



N interior receptacles, elec rm
light+recept

47.



S interior receptacles

48.



N interior recept

49.



N radiant heaters

50.



E unit heater

51.



S radiant heaters

52.



W unit heater

53.



CO/NO2 Detectors

54.



S destratification fans

55.



E O/H door

56.



N destratification fans

57.



E O/H door

58.



Fire alarm panel

59.



E O/H door

60.



Communication cabinet recept.

61.



Automation panel, this room

62.



W O/H Door

63.



Spare

64.



W O/H Door

65.



Work bench lights

66.



W O/H Door

67.



125V 30A Plug

68.



NW workbench GFCI

69.



125V 30A Plug

70.



SE Workbench lights/ water heater

71.



SPACE

72.



SPACE

73.



SPACE

74.



SPACE

75.



SPACE

76.



SPACE

77.



SPACE

78.



SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (MDP6C)

MDP6C



84
Circuits
voltage

Circuit
Breakdown

40.41
%

Spare

- 1. 26.1% Interior lighting
- 2. Other Spare 26.1%
- 3. % Interior lighting
- 4. 7.14 % Spare
- 5. HVAC Interior lighting
- 6. MU-1, EF-1, EF-2 & Yard light-contractor coils
- 7. Interior lighting
- 8. Exterior lighting
- 9. Interior lighting
- 10. Exit signs & battery packs
- 11. Sign
- 12. LVRC power supply
- 13. EF-1

14.

Yard Light-south
15.

EF-1
16.

Yard Light-south
17.

EF-1
18.

Yard Light-south
19.

MUA-1
20.

SPARE
21.

MUA-1
22.

SPARE
23.

MUA-1
24.

SPARE
25.

EF-2
26.

SPARE
27.

EF-2
28.

SPARE

29.

EF-2
30.

SPARE
31.

SPACE
32.

BLD 1000 SPACE
33.

SPACE
34.

BLD 1000 SPACE
35.

SPACE
36.

BLD 1000 SPACE
37.

SPACE
38.

SPACE
39.

SPACE
40.

SPACE
41.

SPACE

42.

SPACE
43.

Interior lighting
44.

Spare
45.

Interior lighting
46.

Spare
47.

Interior lighting
48.

MU-1, EF-1, EF-2 & Yard
light-contractor coils
49.

Interior lighting
50.

Exterior lighting
51.

Interior lighting
52.

Exit signs & battery packs
53.

Sign
54.

LVRC power supply
55.

EF-1
56.

Yard Light-south
57.

EF-1

58.

Yard Light-south

59.

EF-1

60.

Yard Light-south

61.

MUA-1

62.

SPARE

63.

MUA-1

64.

SPARE

65.

MUA-1

66.

SPARE

67.

EF-2

68.

SPARE

69.

EF-2

70.



SPARE

71.



EF-2

72.



SPARE

73.



SPACE

74.



BLD 1000 SPACE

75.



SPACE

76.



BLD 1000 SPACE

77.



SPACE

78.



BLD 1000 SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (Panel 2C)

Panel 2C































84
Circuits
voltage

Circuit Breakdown

35.71
%

Spare

1. 26.11
SW exterior receptacles
2. Other
NE exterior receptacles
23.81
3. %
S interior receptacles
Plug-Load
4. 9.52
N interior receptacles, elec rm
light+recept
HVAC
5. 4.76
S interior receptacles
%
6. Lighting
N interior recept
7. N radiant heaters
8. E unit heater
9. S radiant heaters
10. W unit heater
11. CO/NO2 Detectors
12. S destratification fans
13. E O/H door

- 14.
 N destratification fans
- 15.
 E O/H door
- 16.
 Fire alarm panel
- 17.
 E O/H door
- 18.
 Communication cabinet recept.
- 19.
 Automation panel, this room
- 20.
 W O/H Door
- 21.
 Spare
- 22.
 W O/H Door
- 23.
 Work bench lights
- 24.
 W O/H Door
- 25.
 125V 30A Plug
- 26.
 NW workbench GFCI
- 27.
 125V 30A Plug
- 28.
 SE Workbench lights/ water heater
- 29.
 SPACE
- 30.
 SPACE
- 31.
 SPACE
- 32.
 SPACE
- 33.
 SPACE
- 34.
 SPACE
- 35.
 SPACE
- 36.
 SPACE
- 37.
 SPACE
- 38.
 SPACE
- 39.
 SPACE
- 40.
 SPACE
- 41.


SPACE

42.



SPACE

43.



SW exterior receptacles

44.



NE exterior receptacles

45.



S interior receptacles

46.



N interior receptacles, elec rm
light+recept

47.



S interior receptacles

48.



N interior recept

49.



N radiant heaters

50.



E unit heater

51.



S radiant heaters

52.



W unit heater

53.



CO/NO2 Detectors

54.



S destratification fans

55.



E O/H door

56.



N destratification fans

57.



E O/H door

58.



Fire alarm panel

59.



E O/H door

60.



Communication cabinet recept.

61.



Automation panel, this room

62.



W O/H Door

63.



Spare

64.



W O/H Door

65.



Work bench lights

66.



W O/H Door

67.



125V 30A Plug

68.



NW workbench GFCI

69.



125V 30A Plug

70.



SE Workbench lights/ water heater

71.



SPACE

72.



SPACE

73.



SPACE

74.



SPACE

75.



SPACE

76.



SPACE

77.



SPACE

78.



SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (MDP6C)

MDP6C



84
Circuits
voltage

Circuit Breakdown

40.41
%

Spare

- 1. 26.1% Interior lighting
- 2. Other Spare 26.1%
- 3. % Interior lighting
- 4. 7.14 % Spare
- 5. HVAC Interior lighting
- 6. MU-1, EF-1, EF-2 & Yard light-contractor coils
- 7. Interior lighting
- 8. Exterior lighting
- 9. Interior lighting
- 10. Exit signs & battery packs
- 11. Sign
- 12. LVRC power supply
- 13. EF-1

14.

Yard Light-south
15.

EF-1
16.

Yard Light-south
17.

EF-1
18.

Yard Light-south
19.

MUA-1
20.

SPARE
21.

MUA-1
22.

SPARE
23.

MUA-1
24.

SPARE
25.

EF-2
26.

SPARE
27.

EF-2
28.

SPARE

29.

EF-2
30.

SPARE
31.

SPACE
32.

BLD 1000 SPACE
33.

SPACE
34.

BLD 1000 SPACE
35.

SPACE
36.

BLD 1000 SPACE
37.

SPACE
38.

SPACE
39.

SPACE
40.

SPACE
41.

SPACE

42.

SPACE
43.

Interior lighting
44.

Spare
45.

Interior lighting
46.

Spare
47.

Interior lighting
48.

MU-1, EF-1, EF-2 & Yard
light-contractor coils
49.

Interior lighting
50.

Exterior lighting
51.

Interior lighting
52.

Exit signs & battery packs
53.

Sign
54.

LVRC power supply
55.

EF-1
56.

Yard Light-south
57.

EF-1

58.

Yard Light-south

59.

EF-1

60.

Yard Light-south

61.

MUA-1

62.

SPARE

63.

MUA-1

64.

SPARE

65.

MUA-1

66.

SPARE

67.

EF-2

68.

SPARE

69.

EF-2

70.



SPARE

71.



EF-2

72.



SPARE

73.



SPACE

74.



BLD 1000 SPACE

75.



SPACE

76.



BLD 1000 SPACE

77.



SPACE

78.



BLD 1000 SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (Panel 2C)

Panel 2C































84
Circuits
voltage

Circuit Breakdown

35.71
%

Spare

- 1. 26.11
SW exterior receptacles
- 2. Other
NE exterior receptacles
- 3. 23.81
%
- 4. 9.52
S interior receptacles
- 5. 4.76
N interior receptacles, elec rm
- 6. 4.76
light+recept
- 7. 4.76
HVAC
- 8. 4.76
S interior receptacles
- 9. 4.76
Lighting
- 10. 4.76
N interior recept
- 11. 4.76
N radiant heaters
- 12. 4.76
E unit heater
- 13. 4.76
S radiant heaters
- 14. 4.76
W unit heater
- 15. 4.76
CO/NO2 Detectors
- 16. 4.76
S destratification fans
- 17. 4.76
E O/H door

- 14.
 N destratification fans
- 15.
 E O/H door
- 16.
 Fire alarm panel
- 17.
 E O/H door
- 18.
 Communication cabinet recept.
- 19.
 Automation panel, this room
- 20.
 W O/H Door
- 21.
 Spare
- 22.
 W O/H Door
- 23.
 Work bench lights
- 24.
 W O/H Door
- 25.
 125V 30A Plug
- 26.
 NW workbench GFCI
- 27.
 125V 30A Plug
- 28.
 SE Workbench lights/ water heater
- 29.
 SPACE
- 30.
 SPACE
- 31.
 SPACE
- 32.
 SPACE
- 33.
 SPACE
- 34.
 SPACE
- 35.
 SPACE
- 36.
 SPACE
- 37.
 SPACE
- 38.
 SPACE
- 39.
 SPACE
- 40.
 SPACE
- 41.


SPACE

42.



SPACE

43.



SW exterior receptacles

44.



NE exterior receptacles

45.



S interior receptacles

46.



N interior receptacles, elec rm
light+recept

47.



S interior receptacles

48.



N interior recept

49.



N radiant heaters

50.



E unit heater

51.



S radiant heaters

52.



W unit heater

53.



CO/NO2 Detectors

54.



S destratification fans

55.



E O/H door

56.



N destratification fans

57.



E O/H door

58.



Fire alarm panel

59.



E O/H door

60.



Communication cabinet recept.

61.



Automation panel, this room

62.



W O/H Door

63.



Spare

64.



W O/H Door

65.



Work bench lights

66.



W O/H Door

67.



125V 30A Plug

68.



NW workbench GFCI

69.



125V 30A Plug

70.



SE Workbench lights/ water heater

71.



SPACE

72.



SPACE

73.



SPACE

74.



SPACE

75.



SPACE

76.



SPACE

77.



SPACE

78.



SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

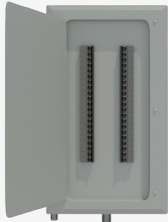
84.



SPACE

Panel Schedule (MDP6C)

MDP6C



84
Circuits
voltage

Circuit
Breakdown

40.41
%

Spare

- 1. 26.1% Interior lighting
- 2. Other Spare 26.1%
- 3. % Interior lighting
- 4. 7.14 % Spare
- 5. HVAC Interior lighting
- 6. MU-1, EF-1, EF-2 & Yard light-contractor coils
- 7. Interior lighting
- 8. Exterior lighting
- 9. Interior lighting
- 10. Exit signs & battery packs
- 11. Sign
- 12. LVRC power supply
- 13. EF-1

14.

Yard Light-south
15.

EF-1
16.

Yard Light-south
17.

EF-1
18.

Yard Light-south
19.

MUA-1
20.

SPARE
21.

MUA-1
22.

SPARE
23.

MUA-1
24.

SPARE
25.

EF-2
26.

SPARE
27.

EF-2
28.

SPARE

29.

EF-2
30.

SPARE
31.

SPACE
32.

BLD 1000 SPACE
33.

SPACE
34.

BLD 1000 SPACE
35.

SPACE
36.

BLD 1000 SPACE
37.

SPACE
38.

SPACE
39.

SPACE
40.

SPACE
41.

SPACE

42.

SPACE
43.

Interior lighting
44.

Spare
45.

Interior lighting
46.

Spare
47.

Interior lighting
48.

MU-1, EF-1, EF-2 & Yard
light-contractor coils
49.

Interior lighting
50.

Exterior lighting
51.

Interior lighting
52.

Exit signs & battery packs
53.

Sign
54.

LVRC power supply
55.

EF-1
56.

Yard Light-south
57.

EF-1

58.

Yard Light-south

59.

EF-1

60.

Yard Light-south

61.

MUA-1

62.

SPARE

63.

MUA-1

64.

SPARE

65.

MUA-1

66.

SPARE

67.

EF-2

68.

SPARE

69.

EF-2

70.



SPARE

71.



EF-2

72.



SPARE

73.



SPACE

74.



BLD 1000 SPACE

75.



SPACE

76.



BLD 1000 SPACE

77.



SPACE

78.



BLD 1000 SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.



SPACE

84.



SPACE

Panel Schedule (Panel 2C)

Panel 2C































84
Circuits
voltage

Circuit Breakdown

35.71
%

Spare

1. 26.11
SW exterior receptacles
2. Other
NE exterior receptacles
23.81
3. %
S interior receptacles
Plug-Load
4. 9.52
N interior receptacles, elec rm
light+recept
HVAC
5. 4.76
S interior receptacles
%
6. Lighting
N interior recept
7. N radiant heaters
8. E unit heater
9. S radiant heaters
10. W unit heater
11. CO/NO2 Detectors
12. S destratification fans
13. E O/H door

- 14.
 N destratification fans
- 15.
 E O/H door
- 16.
 Fire alarm panel
- 17.
 E O/H door
- 18.
 Communication cabinet recept.
- 19.
 Automation panel, this room
- 20.
 W O/H Door
- 21.
 Spare
- 22.
 W O/H Door
- 23.
 Work bench lights
- 24.
 W O/H Door
- 25.
 125V 30A Plug
- 26.
 NW workbench GFCI
- 27.
 125V 30A Plug
- 28.
 SE Workbench lights/ water heater
- 29.
 SPACE
- 30.
 SPACE
- 31.
 SPACE
- 32.
 SPACE
- 33.
 SPACE
- 34.
 SPACE
- 35.
 SPACE
- 36.
 SPACE
- 37.
 SPACE
- 38.
 SPACE
- 39.
 SPACE
- 40.
 SPACE
- 41.


SPACE

42.



SPACE

43.



SW exterior receptacles

44.



NE exterior receptacles

45.



S interior receptacles

46.



N interior receptacles, elec rm
light+recept

47.



S interior receptacles

48.



N interior recept

49.



N radiant heaters

50.



E unit heater

51.



S radiant heaters

52.



W unit heater

53.



CO/NO2 Detectors

54.



S destratification fans

55.



E O/H door

56.



N destratification fans

57.



E O/H door

58.



Fire alarm panel

59.



E O/H door

60.



Communication cabinet recept.

61.



Automation panel, this room

62.



W O/H Door

63.



Spare

64.



W O/H Door

65.



Work bench lights

66.



W O/H Door

67.



125V 30A Plug

68.



NW workbench GFCI

69.



125V 30A Plug

70.



SE Workbench lights/ water heater

71.



SPACE

72.



SPACE

73.



SPACE

74.



SPACE

75.



SPACE

76.



SPACE

77.



SPACE

78.



SPACE

79.



SPACE

80.



SPACE

81.



SPACE

82.



SPACE

83.

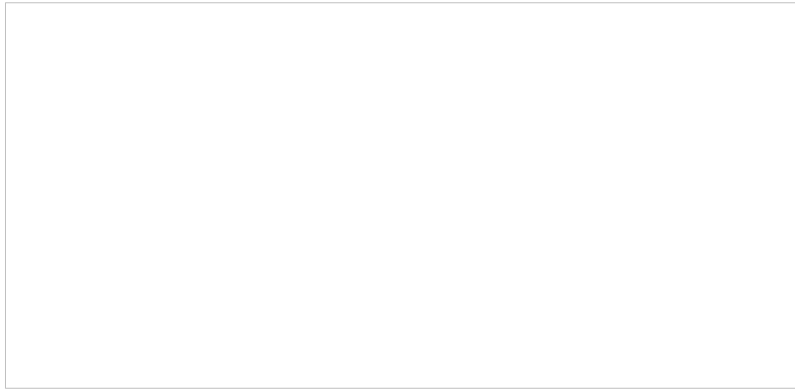


SPACE

84.



SPACE



MCC Costs Breakdown



this is a building on a road

231 House
Ave,
Cheyenne,
WY 82007,
USA



Metering MCC Unit



MCC breakdown

0 Panels

Details

0 Circuits

3 Ct clamps or coils per circuit
30 channels per meter, or 10 circuits per meter
Multiple meters will be required for MMC units over 10 circuits
All individual Circuits

\$0.00

