

# 1125 50e Avenue, Lachine - 1906.3 kW (dc)

1125 50e Avenue, Lachine, QC H8T 3P3

NOTE:  
3050 Modules ( Jinko 625W )  
DC Output: 1906.25 kW (DC)  
AeroGrid L: 10 Degree Tilt  
Row Spacing: 1.56m  
Inter-Row Spacing: 0.44m  
Setback from edge: 1.22m



## MECHANICAL PLAN SET BY:

KB RACKING INC.  
1050 KING ST. W, SUITE 03A104  
TORONTO, ON M6K 0C7

## DRAWING INDEX

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M-3.0 LOAD REPORT

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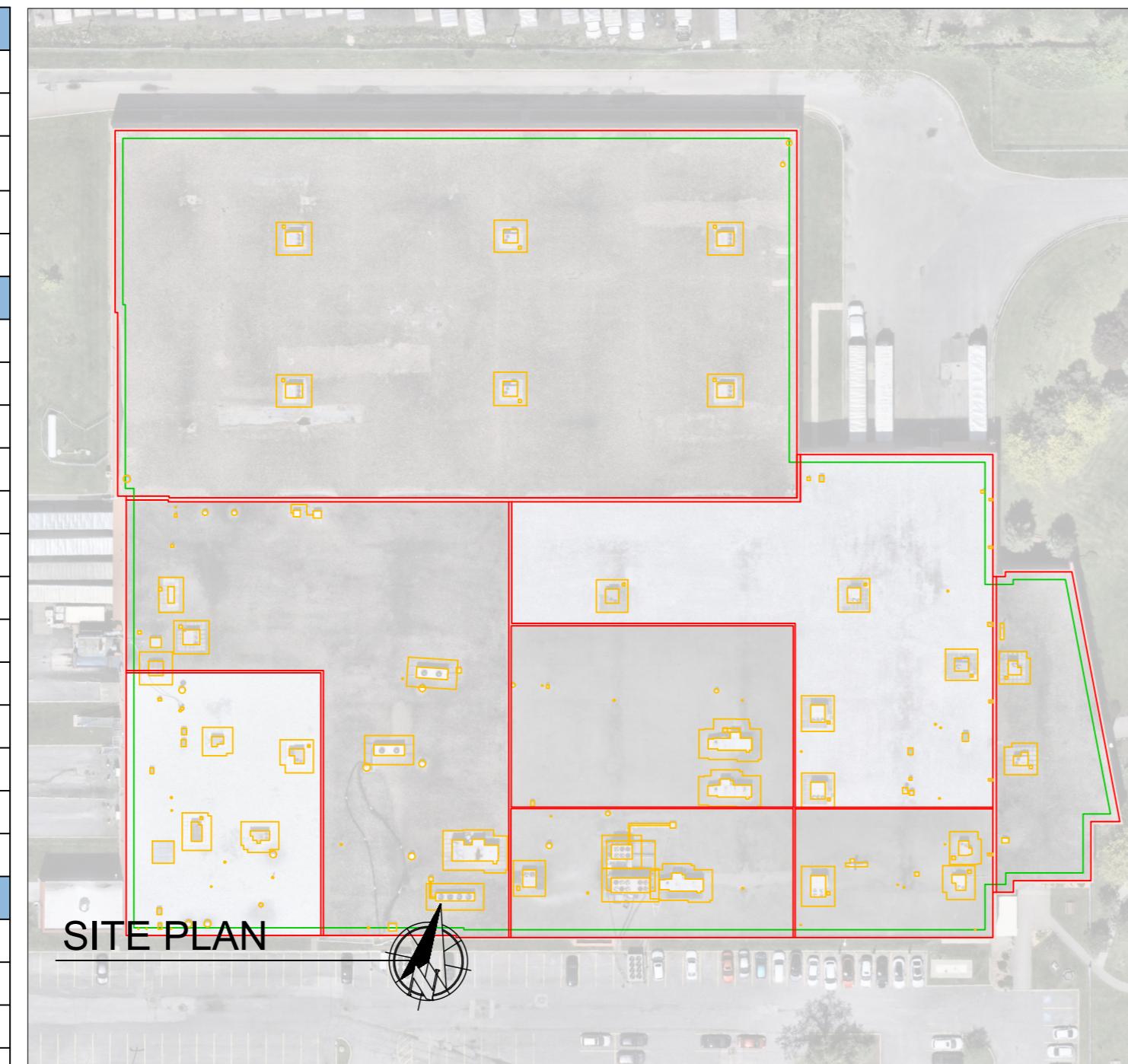
M-5.0 RAIL PLAN (IF APPLICABLE)

PROJECT:	1125 50e Avenue, Lachine 1125 50e Avenue Lachine, QC H8T 3P3
CLIENT:	kWh Quebec Inc
PROVIDER:	KB RACKING®

DRAWING TITLE:	1050 KING ST. W, SUITE 03A104 TORONTO, ONTARIO M6K 0C7 CANADA
PROJECT:	TOLL-FREE TEL: 1 888 661 3204 LOCAL TEL: 416 532 2500 EMAIL: info@kbracking.com WWW.KBRACKING.COM
Provider:	KB RACKING®

DRAWN BY:	CHECKED BY:	VERSION:
M.N.	Z.U.	1
PROJECT NO.: -		DRAWING NO.
DATE: 2025/12/11		SHEET: 1 OF 67
C-1.0		

Project Information		
Client Name	kWh Quebec Inc	
Project Name	1125 50e Avenue, Lachine	
Project Address	1125 50e Avenue, Lachine, QC H8T 3P3	
Total Panel Count	3050	
Project Size (kW)	1906.3	
System		
Panel Name	Jinko 625W	
Panel Weight (kg)	32.4	
Panel Length (mm)	2382	
Panel Width (mm)	1134	
Panel Thickness (mm)	30	
Panel Power (W)	625	
Panel Cell Type	72	
System Orientation	Landscape	
System Tilt (deg)	10	
Racking Weight Per Panel (kg)	12.838644	
System Row Spacing (m)	1.557	
Inter-Row Spacing (m)	0.435	
Reinforcement	NO	
Environment		
Importance Category	Normal	
Terrain Type	Rough	
Wind Pressure: q50 (kPa)	0.44	
Exposure Factor: Ce	0.7	
Sea Level (ft)	0-999	
LB Factor	29.53	
Wind Load Factor: $\alpha_w$	1.4	
Dead Load Factor: $\alpha_D$	0.9	
Closeness Factor	1.0	
RoofType	Custom	
Friction Coefficient	0.68	
Setback (m)	1.22	
Buildings		
Building	Building Height (m)	Parapet (mm)   WI (m)   Ws (m)
1	9	609.6   158   128



**SITE PLAN**

**LOADING INFORMATION**

Array	Number of Panels	Array Area (m <sup>2</sup> )	Area Reduction Factor	Uplift Ballast (kg)	Drag Ballast (kg)	Additional Ballast per Panel Due to Drag (kg)	Total Ballast for Array (kg)	Average PSF
1	236	882.62	0.1047	4064.30	0.00	0.00	4064.30	3.43
2	236	882.62	0.1047	3088.45	0.00	0.00	3088.45	3.20
3	204	762.94	0.1095	3317.17	0.00	0.00	3317.17	3.38
4	236	882.62	0.1047	3923.62	0.00	0.00	3923.62	3.40
5	236	882.62	0.1047	3133.50	0.00	0.00	3133.50	3.21
6	206	770.42	0.1092	3216.54	0.00	0.00	3216.54	3.34
7	161	602.13	0.1218	6186.21	103.82	0.00	6186.21	4.59
8	125	467.49	0.1359	2542.87	740.73	0.00	2542.87	3.60
9	189	706.84	0.1135	3880.80	0.00	0.00	3880.80	3.61
10	171	639.53	0.1188	4973.79	0.00	0.00	4973.79	4.07
11	133	497.41	0.1305	2567.24	518.37	0.00	2567.24	3.54
12	97	362.77	0.1547	2688.62	1263.40	0.00	2688.62	3.99
13	76	284.23	0.1688	1961.49	1394.52	0.00	1961.49	3.89
14	110	411.39	0.1459	1475.21	1070.17	0.00	1475.21	3.22
15	178	665.70	0.1167	4624.93	0.00	0.00	4624.93	3.91
16	138	516.11	0.1287	4568.07	446.64	0.00	4568.07	4.30
17	53	198.22	0.1907	2960.68	1409.16	0.00	2960.68	5.56
18	53	198.22	0.1907	2338.73	1409.16	0.00	2338.73	4.91
19	95	355.29	0.1560	3386.47	1285.53	0.00	3386.47	4.44
20	48	179.52	0.1982	3136.35	1411.44	0.00	3136.35	6.08
21	69	258.05	0.1736	2477.10	1388.54	0.00	2477.10	4.44
Total	3050	Total Ballast Weight	70512.14		Total System Weight	208489.87		

**GENERAL NOTES:**

1. THIS REPORT PROVIDES BALLAST AND LAYOUT INFORMATION FOR THE SOLAR SYSTEM.
2. SEE INSTALLATION DRAWINGS AND INSTALLATION LAYOUT FOR DIMENSIONS AND ARRAY INFO.
3. BALLAST SYSTEM IS DESIGNED BASED ON THE FOLLOWING REFERENCES:
  - 3.1 NATIONAL BUILDING CODE OF CANADA (NBCC) 2005, 2010 and 2015
    - Importance Category for buildings (Section 4.1.2.1)
    - $I_w$  = Importance Factor for wind (Section 4.1.7.1)
    - $C_e$  = Exposure Factor (Section 4.1.7.1)
    - $a_w$  = Wind Load Factor (Section 4.1.3.2)
    - $a_D$  = Dead Load Factor (Section 4.1.3.2)
  - 3.2 BRITISH COLUMBIA BUILDING CODE (BCBC) 2018
  - 3.3 NATIONAL BUILDING CODE - 2019 ALBERTA EDITION (2019 NBC(AE))
  - 3.4 ONTARIO BUILDING CODE (OBC) 2012
  - 3.5 KB RACKING ROOF-MOUNTED PV RACKING SYSTEMS WIND PRESSURE STUDY, RWDI #1600846, APRIL 21, 2023
- \*Ballast to Resist Uplift =  $(a_w \cdot I_w \cdot q_{50} \cdot C_e \cdot |C_p C_g| \cdot \text{uplift} \cdot \text{Auplift} - a_D \cdot M) / a_D$
- \*Ballast to Resist Drag =  $[a_w \cdot q_{50} \cdot C_e \cdot (1000/9.81) \cdot [(C_p C_g) \cdot \text{drag} \cdot A_{\text{drag}} \cdot (1/f_n) + |C_p C_g| \cdot \text{uplift} \cdot \text{Auplift}] - a_D \cdot M] / a_D$
4. A PROFESSIONAL STRUCTURAL ENGINEER LICENSED WHERE THE RACKING SYSTEM WILL BE INSTALLED IS REQUIRED TO APPROVE THE DESIGN.
5. THE STRUCTURAL ENGINEER OF THE BUILDING IS RESPONSIBLE TO CHECK THE ADEQUACY OF THE BUILDING'S STRUCTURAL CAPACITY TO SUPPORT THE LOADS INDICATED ON THIS DRAWING.
6. THE MOUNTING SYSTEM SHALL BE INSTALLED AS PER KB RACKING SPECIFICATIONS AND PROCEDURES.
7. INSTALL THE SPECIFIED PHOTOVOLTAIC MODULES ONLY. ANY CHANGES IN THE MODULE SIZE OR TYPE MUST BE NOTIFIED TO KB RACKING INC.
8. ANY CHANGES IN THE MOUNTING SYSTEM LAYOUT IS NOT PERMITTED UNLESS APPROVED BY KB RACKING INC.

NOTE: AVERAGE PSF LOADS REPRESENT THE UNIFORMLY DISTRIBUTED LOAD IMPOSED BY THE RACKING INSTALLATION ON THE ROOF. AVERAGE LOADS SHOULD NOT BE USED FOR THE STRUCTURAL REVIEW OF THE SUPPORTING ROOF STRUCTURE WITHOUT CONSIDERATION FOR LOCALIZED PSF LOADS WHICH MAY BE MORE SIGNIFICANT. LOCALIZED PSF LOADS PER PANEL ARE ACCOMPANIED WITHIN THIS REPORT IN THE FOLLOWING PAGES.

KB RACKING INC. HAS NO LIABILITY FOR THE USE OF THIS REPORT BY THE CUSTOMER. THE CUSTOMER MAY CHOOSE TO CERTIFY THIS REPORT WITH A LICENSED STRUCTURAL ENGINEER NOT UNDER CONTRACT TO KB RACKING. IN THIS CASE, KB RACKING WARRANTY ASSIGNMENT IS CONTINGENT ON RECEIVING THE CERTIFIED REPORT AND/OR WRITTEN CONFIRMATION THAT THE STRUCTURAL ENGINEER HAS CERTIFIED THE REPORT. IF THERE ARE ANY QUESTIONS OR CONCERNs, PLEASE CONTACT KB RACKING INC.

**SITE PLAN-PROJECT SUMMARY**

DRAWING TITLE:	1125 50e Avenue, Lachine
PROJECT:	1125 50e Avenue
CLIENT:	kWh Quebec Inc

**ENGINEER'S SEAL**

**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

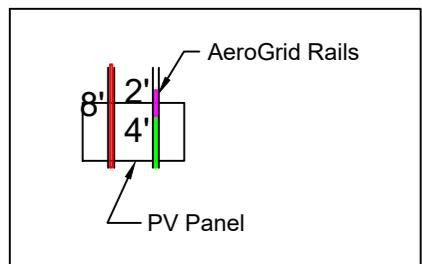
TOLL-FREE TEL: 1-888-661-3204  
LOCAL TEL: 416 532 2500  
EMAIL: info@kracking.com

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DRAWN BY:	CHECKED BY:	VERSION:
M.N.	Z.U.	1
PROJECT NO.:		DRAWING NO.:
DATE: 2025/12/11		M-1.0
SHEET: 2 OF 67		

**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

### LEGEND



ENGINEER'S SEAL

ROOF PLAN

1125 50e Avenue, Lachine  
 1125 50e Avenue  
 Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE: PROJECT: CLIENT:  
 PROVIDER:

**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
 TORONTO, ONTARIO M6K 0C7  
 CANADA

TOLL - FREE TEL: 1.888.661.3204  
 LOCAL TEL: 416.532.2500  
 EMAIL: info@kracking.com

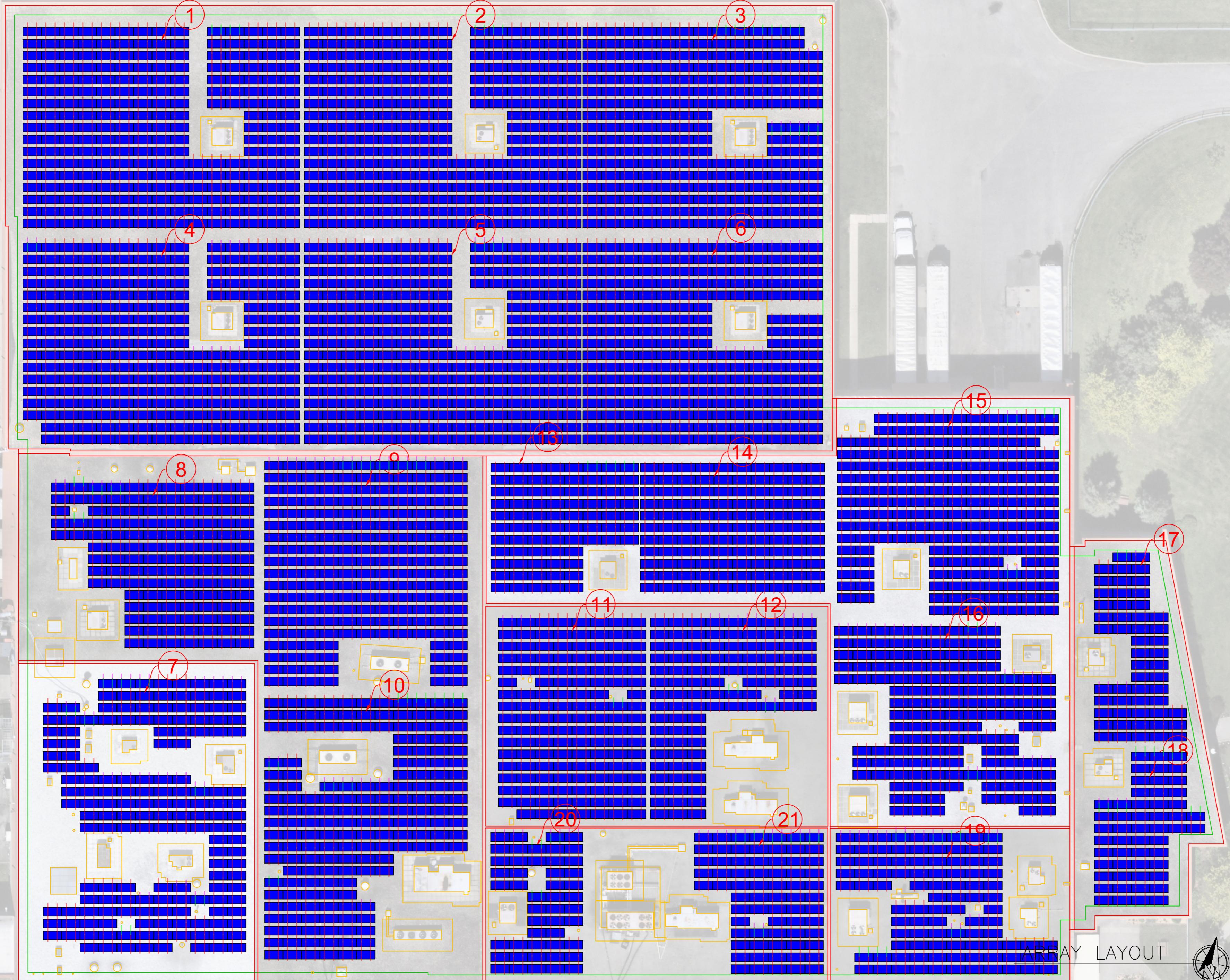
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 M.N. Z.U. 1

PROJECT NO.: DRAWING NO.  
 DATE: -

2025/12/11 SHEET: M-2.0

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**NOTE:**  
3050 Modules ( Jinko 625W )  
DC Output: 1906.25 kW (DC)  
AeroGrid L: 10 Degree Tilt  
Row Spacing: 1.56m  
Inter-Row Spacing: 0.44m  
Setback from edge: 1.22m

# Array 1

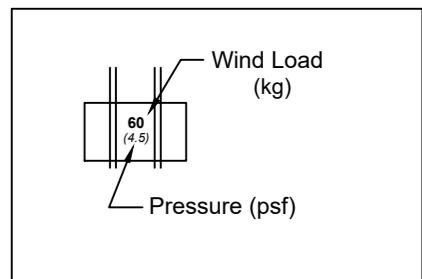
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## 236 Panels

**NOTE:**  
3050 Modules ( Jinko 625W )  
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# Array 2

---



## LEGEND

ENGINEER'S SEAL

## LOAD ARRAY 2

11125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

kWh Quebec Inc

111

**B RACKING®**

5050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

OLL - FREE TEL: 1.888.661.3204  
LOCAL TEL: 416 532 2500  
EMAIL: info@kbracking.com

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SY: **CHECKED BY:** VERSIO

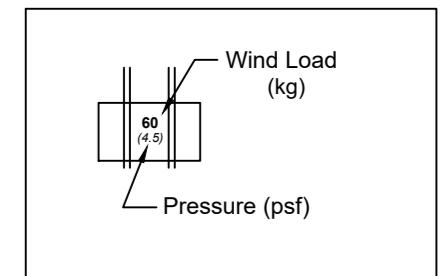
Z.O. 1  
DRAWING NO.

M-3.2

**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

## Array 3 204 Panels

30 (4.1)	30 (4.1)	30 (4.1)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	31 (4.2)	49 (5.2)	49 (5.2)		
30 (4.1)	30 (4.1)	12 (3.1)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	31 (4.2)	40 (4.7)	49 (5.2)		
21 (3.6)	21 (3.6)	12 (3.1)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	23 (3.7)	40 (4.7)	64 (6.0)	
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	14 (3.2)	38 (4.6)	49 (5.2)	
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	1 (2.5)	1 (2.5)	23 (3.7)	38 (4.6)	44 (4.9)	
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	7 (2.9)	7 (2.9)	30 (4.7)	38 (4.6)	43 (4.8)	
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	9 (3.0)	9 (3.0)	30 (4.1)	49 (5.2)	49 (5.2)	
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	8 (2.9)	49 (5.2)	56 (5.5)						
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	8 (2.9)	49 (5.2)	56 (5.5)		64 (6.0)	64 (6.0)	49 (5.2)		
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	8 (2.9)	49 (5.2)	56 (5.5)		64 (6.0)	49 (5.2)	49 (5.2)		
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	8 (2.9)	49 (5.2)	56 (5.5)		56 (5.5)	49 (5.2)	43 (4.8)		
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	9 (3.0)	9 (3.0)	9 (3.0)	14 (3.2)	38 (4.6)	43 (4.8)
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	7 (2.9)	7 (2.9)	7 (2.9)	8 (2.9)	38 (4.6)	43 (4.8)
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	14 (3.2)	38 (4.6)	43 (4.8)
21 (3.6)	21 (3.6)	12 (3.1)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	23 (3.7)	38 (4.6)	43 (4.8)	
21 (3.6)	21 (3.6)	12 (3.1)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	30 (4.1)	38 (4.6)	43 (4.8)	
30 (4.1)	30 (4.1)	30 (4.1)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	30 (4.1)	49 (5.2)	49 (5.2)		



ENGINEER'S SEAL

LOAD ARRAY 3

1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE:

PROJECT:

CLIENT:

PROVIDER:

**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

TOLL-FREE TEL: 1-888-661-3204  
LOCAL TEL: 416 532 2500  
EMAIL: info@kracking.com

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M.N. Z.U. 1

PROJECT NO.: - DRAWING NO.:

DATE: 2025/12/11 SHEET: M-3.3

6 OF 67



**NOTE:**  
3050 Modules ( Jinko 625W )  
DC Output: 1906.25 kW (DC)  
AeroGrid L: 10 Degree Tilt  
Row Spacing: 1.56m  
Inter-Row Spacing: 0.44m  
Setback from edge: 1.22m

# Array 5

---

**30**  
*(4.1)*

**30**  
*(4.1)*

**7**  
*(2.9)*

**7**  
*(2.9)*

**7**  
*(2.9)*

**7**  
*(2.9)*

**30**  
*(4.1)*

**30**  
*(4.1)*

**236 Panels**

**30**  
(4.1)      **12**  
(3.1)      **7**  
(2.9)      **7**  
(2.9)      **7**  
(2.9)      **7**  
(2.9)      **12**  
(3.1)      **30**  
(4.1)

<b>30</b> (4.1)	<b>12</b> (3.1)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>12</b> (3.1)	<b>30</b> (4.1)
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**21**  
(3.6)      **12**  
(3.1)      **1**  
(2.5)      **1**  
(2.5)      **1**  
(2.5)      **1**  
(2.5)      **12**  
(3.1)      **21**  
(3.6)

**21**  
(3.6)      **12**  
(3.1)      **1**  
(2.5)      **1**  
(2.5)      **12**  
(3.1)      **21**  
(3.6)

**21**  
(3.6)      **12**  
(3.1)      **0**  
(2.5)      **0**  
(2.5)      **0**  
(2.5)      **0**  
(2.5)      **12**  
(3.1)      **21**  
(3.6)

<b>39</b> (4.6)	<b>39</b> (4.6)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>12</b> (3.1)	<b>21</b> (3.6)
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**21**  
(3.6)      **12**  
(3.1)      **0**  
(2.5)      **0**  
(2.5)      **0**  
(2.5)      **8**  
(2.9)      **49**  
(5.2)      **56**  
(5.5)

<b>56</b> (5.5)	<b>49</b> (5.2)	<b>38</b> (4.6)	<b>21</b> (3.6)
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**21**  
(3.6)      **12**  
(3.1)      **0**  
(2.5)      **0**  
(2.5)      **0**  
(2.5)      **8**  
(2.9)      **49**  
(5.2)      **56**  
(5.5)

<b>56</b> (5.5)	<b>49</b> (5.2)	<b>38</b> (4.6)	<b>21</b> (3.6)
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**21**  
(3.6)      **12**  
(3.1)      **0**  
(2.5)      **0**  
(2.5)      **0**  
(2.5)      **8**  
(2.9)      **49**  
(5.2)      **56**  
(5.5)

<b>56</b> (5.5)	<b>49</b> (5.2)	<b>38</b> (4.6)	<b>21</b> (3.6)
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**21**  
(3.6)      **12**  
(3.1)      **0**  
(2.5)      **0**  
(2.5)      **0**  
(2.5)      **8**  
(2.9)      **49**  
(5.2)      **56**  
(5.5)

<b>56</b> (5.5)	<b>49</b> (5.2)	<b>38</b> (4.6)	<b>21</b> (3.6)
--------------------	--------------------	--------------------	--------------------

**21**  
(3.6)      **12**  
(3.1)      **0**  
(2.5)      **0**  
(2.5)      **0**  
(2.5)      **8**  
(2.9)      **49**  
(5.2)      **56**  
(5.5)

<b>56</b> (5.5)	<b>49</b> (5.2)	<b>38</b> (4.6)	<b>21</b> (3.6)
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<b>0</b> (2.5)	<b>0</b> (2.5)	<b>12</b> (3.1)	<b>21</b> (3.6)
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LOAD ARRAY 5

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11125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

Wh Quebec Inc

PROJECT: \_\_\_\_\_

1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

TOLL - FREE TEL: 1.888.661.3204  
LOCAL TEL: 416.532.2500

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**BY:** **CHECKED BY:** **VERSION:**

N. Z.U. 1

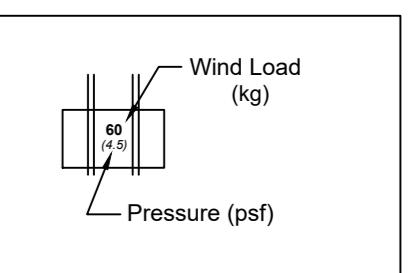
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(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)
30 (4.1)	30 (4.1)	30 (4.1)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	30 (4.1)	49 (5.2)	49 (5.2)
<b>Array 6</b> <b>206 Panels</b>													
30 (4.1)	30 (4.1)	30 (4.1)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	31 (4.2)	49 (5.2)	49 (5.2)
30 (4.1)	30 (4.1)	12 (3.1)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	31 (4.2)	40 (4.7)	49 (5.2)
21 (3.6)	21 (3.6)	12 (3.1)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	23 (3.7)	40 (4.7)	44 (4.9)
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	7 (2.9)	7 (2.9)	7 (2.9)	30 (4.1)	38 (4.6)	43 (4.8)
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	9 (3.0)	9 (3.0)	9 (3.0)	30 (4.1)	49 (5.2)	49 (5.2)
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	8 (2.9)	49 (5.2)	56 (5.5)						
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	8 (2.9)	49 (5.2)	56 (5.5)				64 (6.0)	64 (6.0)	49 (5.2)
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	8 (2.9)	49 (5.2)	56 (5.5)				64 (6.0)	49 (5.2)	49 (5.2)
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	8 (2.9)	49 (5.2)	56 (5.5)				56 (5.5)	49 (5.2)	43 (4.8)
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	9 (3.0)	9 (3.0)	9 (3.0)	14 (3.2)	38 (4.6)	43 (4.8)
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	7 (2.9)	7 (2.9)	7 (2.9)	8 (2.9)	38 (4.6)	43 (4.8)
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	8 (2.9)	38 (4.6)	43 (4.8)
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	8 (2.9)	38 (4.6)	43 (4.8)
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)
21 (3.6)	21 (3.6)	12 (3.1)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	23 (3.7)	38 (4.6)	43 (4.8)
21 (3.6)	21 (3.6)	12 (3.1)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	30 (4.1)	38 (4.6)	43 (4.8)
30 (4.1)	30 (4.1)	30 (4.1)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	30 (4.1)	30 (4.1)	

**NOTE:**  
3050 Modules ( Jinko 625W )  
DC Output: 1906.25 kW (DC)  
AeroGrid L: 10 Degree Tilt  
Row Spacing: 1.56m  
Inter-Row Spacing: 0.44m  
Setback from edge: 1.22m

### LEGEND



ENGINEER'S SEAL

LOAD ARRAY 6

1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE:

PROJECT:

client:

PROVIDER:

**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

TOLL-FREE TEL: 1.888.661.3204  
LOCAL TEL: 416.532.2500  
EMAIL: info@kracking.com

WWW.KRACKING.COM

DRAWN BY: CHECKED BY: VERSION:

M.N. Z.U. 1

PROJECT NO.: - DRAWING NO.:

DATE: 2025/12/11 SHEET: 9 OF 67

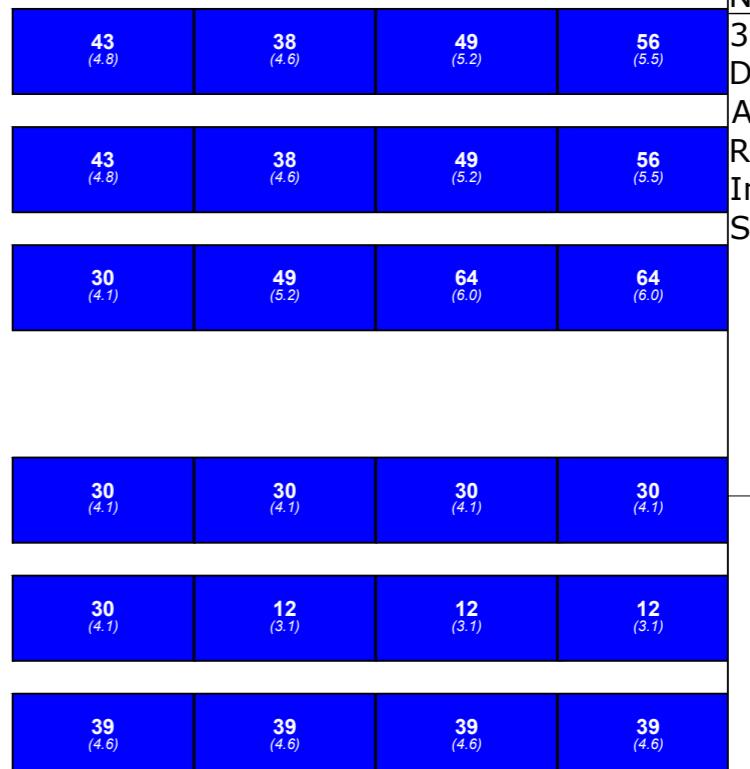
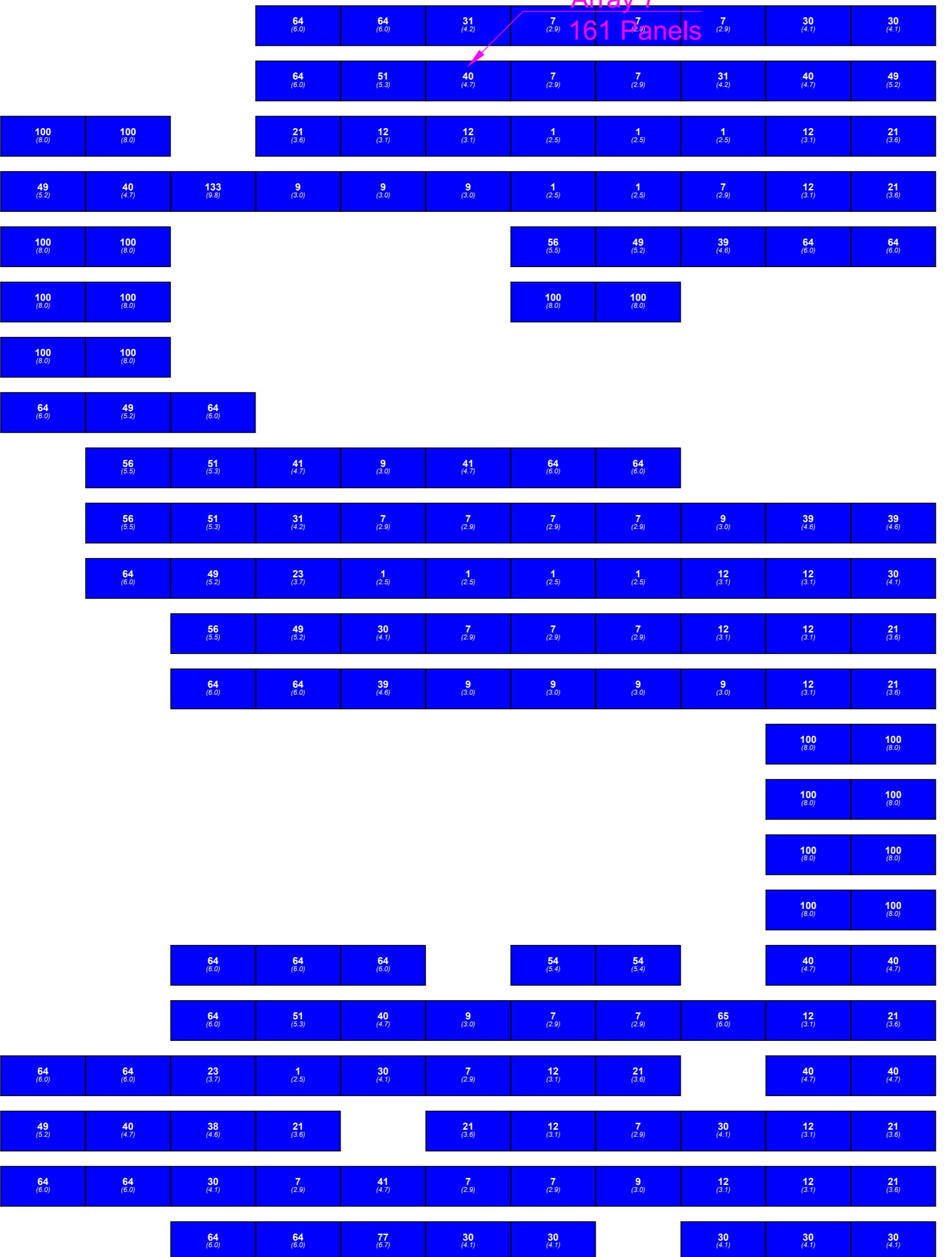
**M-3.6**

39  
(4.6)

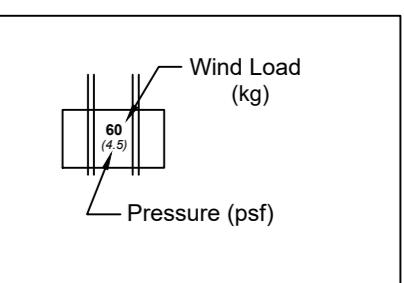
**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

### Array 7

161 Panels



### LEGEND



ENGINEER'S SEAL

### LOAD ARRAY 7

1125 50e Avenue, Lachine  
 1125 50e Avenue  
 Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE:  
 PROJECT:  
 PROVIDER:  
**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
 TORONTO, ONTARIO M6K 0C7  
 CANADA

TOLL-FREE TEL: 1-888-661-3204  
 LOCAL TEL: 416 532 2500  
 EMAIL: info@kracking.com

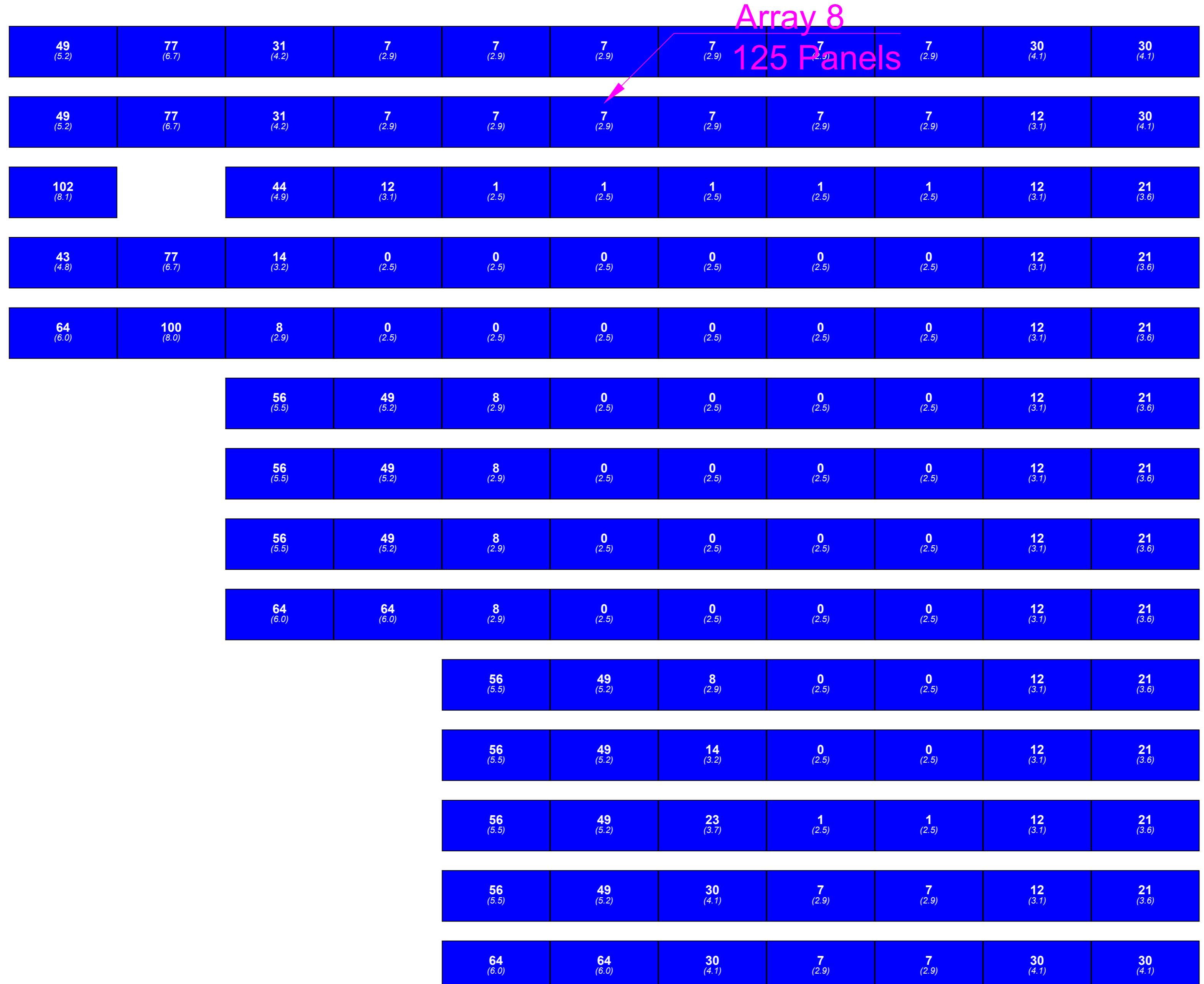
WWW.KRACKING.COM

DRAWN BY: **M.N.** CHECKED BY: **Z.U.** VERSION: **1**

PROJECT NO.: - DRAWING NO.:

DATE: 2025/12/11 SHEET: M-3.7

SHEET: 10 OF 67



**NOTE:**  
3050 Modules ( Jinko 625W )  
DC Output: 1906.25 kW (DC)  
AeroGrid L: 10 Degree Tilt  
Row Spacing: 1.56m  
Inter-Row Spacing: 0.44m  
Setback from edge: 1.22m

**64**  
(6.0)

**49**  
(5.2)

**21**  
(3.6)

**21**  
(3.6)

**21**  
(3.6)

**21**  
(3.6)

**21**  
(3.6)

**21**  
(3.6)

**21**  
(3.6)

**21**  
(3.6)

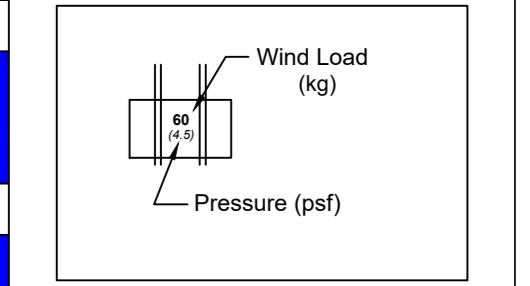
**21**  
(3.6)

**21**  
(3.6)

**21**  
(3.6)

**21**  
(3.6)

**21**  
(3.6)



ENGINEER'S SEAL

LOAD ARRAY 8

DRAWING TITLE:

PROJECT:

CUSTOMER:

PROVIDER:

**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

TOLL - FREE TEL: 1.888.661.3204  
LOCAL TEL: 416 532 2500  
EMAIL: info@kracking.com

WWW.KRACKING.COM

DRAWN BY:    CHECKED BY:    VERSION:

M.N.    Z.U.    1

PROJECT NO.:  
-

DATE:  
2025/12/11

SHEET:  
11 OF 67

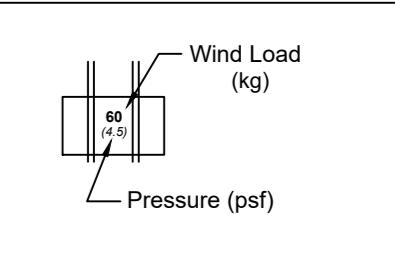
1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

kWh Quebec Inc

M-3.8

NOTE:  
3050 Modules ( Jinko 625W )  
DC Output: 1906.25 kW (DC)  
AeroGrid L: 10 Degree Tilt  
Row Spacing: 1.56m  
Inter-Row Spacing: 0.44m  
Setback from edge: 1.22m

## LEGEND



ENGINEER'S SEAL

LOAD ARRAY 9

DRAWING TITLE.

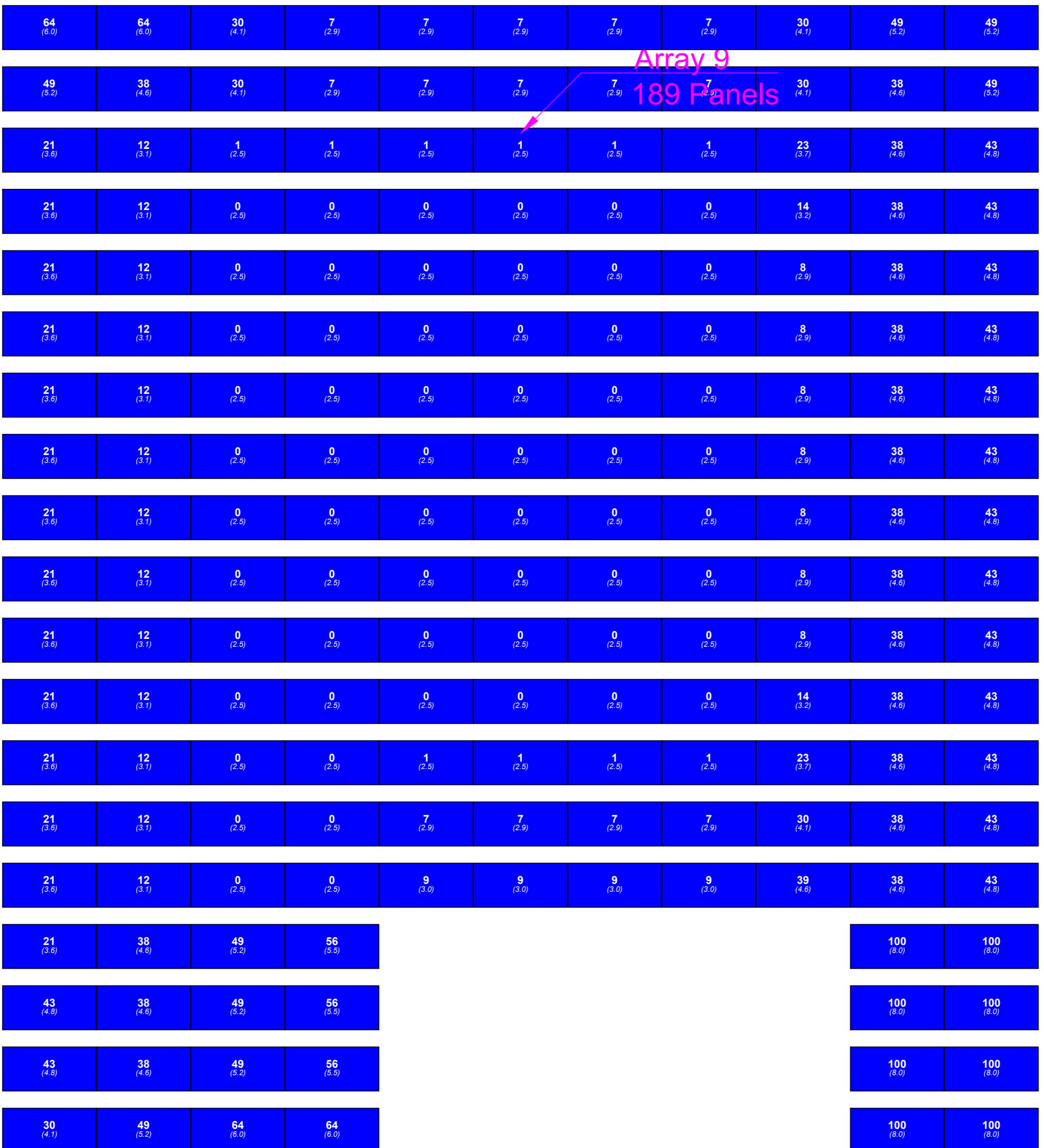
**KB BACKING®**

1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

TOLL - FREE TEL: 1.888.661.3204  
LOCAL TEL: 416 532 2500  
EMAIL: info@kbracking.com

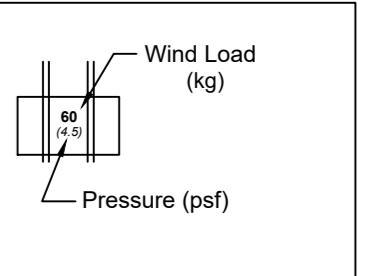
DRAWN BY: CHECKED BY: VERSION:

M.N.	Z.U.	1
PROJECT NO.:		DRAWING NO.
DATE:		M-3.9
2025/12/11		
SHEET:		
12 OF 67		



OTE:  
050 Modules ( Jinko 625W )  
C Output: 1906.25 kW (DC)  
eroGrid L: 10 Degree Tilt  
ow Spacing: 1.56m  
ter-Row Spacing: 0.44m  
etback from edge: 1.22m

## LEGEND



卷之三

**11125 50e Avenue, Lachine**  
1125 50e Avenue  
Lachine, QC H8T 3P3

Wh Quebec Inc

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OBJECT: \_\_\_\_\_  
INT: \_\_\_\_\_

1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7

FREE TEL : 1 888 661 3204

TEL: 416 532 2500  
E-MAIL: info@kbracking.com

WWW.BESTHOMES.COM

**CHECKED BY:** **VERSION**

2.0.

M 3.10

ANSWER

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25/12/11	M-3.10
OF 67	



**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

**Array 11**

**133 Panels**

7 (2.9)    12 (3.1)    30 (4.1)

1 (2.5)    12 (3.1)    21 (3.6)

0 (2.5)    12 (3.1)    21 (3.6)

0 (2.5)    12 (3.1)    21 (3.6)

0 (2.5)    30 (4.1)    21 (3.6)

21 (3.6)    48 (5.1)

0 (2.5)    30 (4.1)    21 (3.6)

0 (2.5)    12 (3.1)    21 (3.6)

0 (2.5)    12 (3.1)    21 (3.6)

0 (2.5)    12 (3.1)    21 (3.6)

0 (2.5)    12 (3.1)    21 (3.6)

0 (2.5)    12 (3.1)    21 (3.6)

0 (2.5)    12 (3.1)    21 (3.6)

0 (2.5)    12 (3.1)    21 (3.6)

1 (2.5)    12 (3.1)    21 (3.6)

7 (2.9)    12 (3.1)    21 (3.6)

7 (2.9)    30 (4.1)    30 (4.1)

30 (4.1)    30 (4.1)    7 (2.9)    7 (2.9)    7 (2.9)    7 (2.9)    31 (4.2)    49 (5.2)    49 (5.2)

30 (4.1)    12 (3.1)    7 (2.9)    7 (2.9)    7 (2.9)    7 (2.9)    7 (2.9)    12 (3.1)    30 (4.1)

21 (3.6)    12 (3.1)    1 (2.5)    1 (2.5)    1 (2.5)    1 (2.5)    1 (2.5)    12 (3.1)    21 (3.6)

21 (3.6)    12 (3.1)    0 (2.5)    0 (2.5)    7 (2.9)    0 (2.5)    1 (2.5)    12 (3.1)    21 (3.6)

21 (3.6)    12 (3.1)    0 (2.5)    0 (2.5)    7 (2.9)    0 (2.5)    7 (2.9)    12 (3.1)    21 (3.6)

21 (3.6)    12 (3.1)    12 (3.1)    21 (3.6)    21 (3.6)    30 (4.1)    12 (3.1)    21 (3.6)

21 (3.6)    12 (3.1)    0 (2.5)    0 (2.5)    7 (2.9)    41 (4.7)    21 (3.6)    77 (6.7)    77 (6.7)

21 (3.6)    12 (3.1)    0 (2.5)    9 (3.0)    53 (5.4)    9 (3.0)    133 (9.8)    64 (6.0)    64 (6.0)

43 (4.8)    49 (5.2)    56 (5.5)

43 (4.8)    49 (5.2)    56 (5.5)

43 (4.8)    49 (5.2)    56 (5.5)

43 (4.8)    49 (5.2)    56 (5.5)

43 (4.8)    49 (5.2)    56 (5.5)

43 (4.8)    49 (5.2)    56 (5.5)

43 (4.8)    49 (5.2)    56 (5.5)

43 (4.8)    49 (5.2)    56 (5.5)

43 (4.8)    49 (5.2)    56 (5.5)

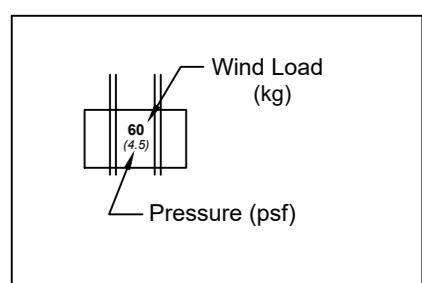
49 (5.2)    64 (6.0)    64 (6.0)

**Array 12**

**97 Panels**

100 (8.0)    100 (8.0)

**LEGEND**



ENGINEER'S SEAL

LOAD ARRAY 12

1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

kWh Quebec Inc

PROJECT: **1125 50e Avenue, Lachine**

client:

PROVIDER: **KB RACKING®**

client:

1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

TOLL-FREE TEL: 1-888-661-3204  
LOCAL TEL: 416 532 2500  
EMAIL: info@kracking.com

WWW.KBRACKING.COM

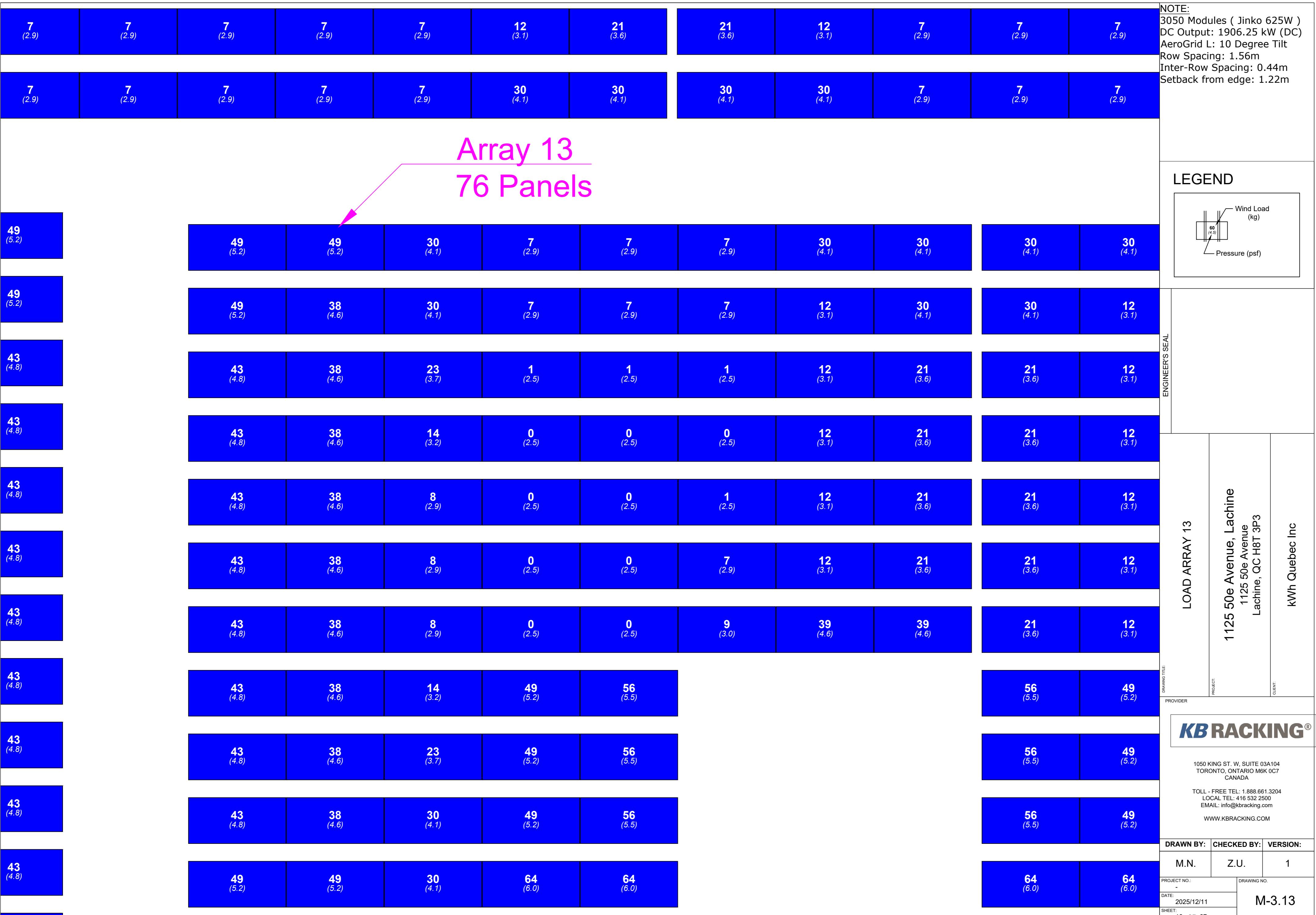
DRAWN BY: **M.N.** CHECKED BY: **Z.U.** VERSION: **1**

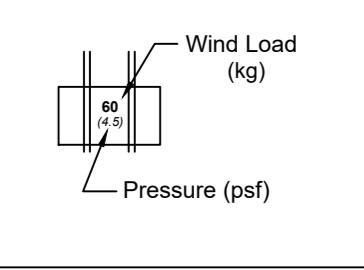
PROJECT NO.: **-** DRAWING NO.:

DATE: **2025/12/11**

SHEET: **15 OF 67**

**M-3.12**

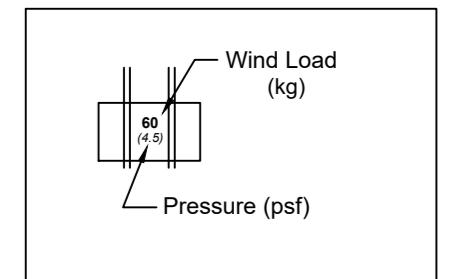


<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>30</b> (4.1)	<b>30</b> (4.1)
<b>NOTE:</b> 3050 Modules ( Jinko 625W ) DC Output: 1906.25 kW (DC) AeroGrid L: 10 Degree Tilt Row Spacing: 1.56m Inter-Row Spacing: 0.44m Setback from edge: 1.22m									
<b>Array 14</b> <b>110 Panels</b>									
	<b>30</b> (4.1)	<b>30</b> (4.1)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>30</b> (4.1)	<b>30</b> (4.1)
	<b>30</b> (4.1)	<b>12</b> (3.1)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>12</b> (3.1)	<b>30</b> (4.1)
	<b>21</b> (3.6)	<b>12</b> (3.1)	<b>1</b> (2.5)	<b>1</b> (2.5)	<b>1</b> (2.5)	<b>1</b> (2.5)	<b>1</b> (2.5)	<b>12</b> (3.1)	<b>21</b> (3.6)
	<b>21</b> (3.6)	<b>12</b> (3.1)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>12</b> (3.1)	<b>21</b> (3.6)
	<b>21</b> (3.6)	<b>12</b> (3.1)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>12</b> (3.1)	<b>21</b> (3.6)
	<b>21</b> (3.6)	<b>12</b> (3.1)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>12</b> (3.1)	<b>21</b> (3.6)
	<b>21</b> (3.6)	<b>12</b> (3.1)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>12</b> (3.1)	<b>21</b> (3.6)
	<b>56</b> (5.5)	<b>49</b> (5.2)	<b>14</b> (3.2)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>0</b> (2.5)	<b>12</b> (3.1)	<b>43</b> (4.8)
	<b>56</b> (5.5)	<b>49</b> (5.2)	<b>23</b> (3.7)	<b>1</b> (2.5)	<b>1</b> (2.5)	<b>1</b> (2.5)	<b>1</b> (2.5)	<b>12</b> (3.1)	<b>43</b> (4.8)
	<b>56</b> (5.5)	<b>49</b> (5.2)	<b>30</b> (4.1)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>12</b> (3.1)	<b>43</b> (4.8)
	<b>64</b> (6.0)	<b>64</b> (6.0)	<b>30</b> (4.1)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>7</b> (2.9)	<b>30</b> (4.1)	<b>49</b> (5.2)
<b>LEGEND</b> 									
	ENGINEER'S SEAL								
	LOAD ARRAY 14								
	1125 50e Avenue, Lachine 1125 50e Avenue Lachine, QC H8T 3P3								
	kWh Quebec Inc								
DRAWING TITLE:									
PROJECT:									
PROVIDER:	<b>KB RACKING®</b> 1050 KING ST. W, SUITE 03A104 TORONTO, ONTARIO M6K 0C7 CANADA TOLL - FREE TEL: 1 888.661.3204 LOCAL TEL: 416 532 2500 EMAIL: info@kbracking.com <a href="http://WWW.KBRACKING.COM">WWW.KBRACKING.COM</a>								
DRAWN BY:	CHECKED BY:	VERSION:							
M.N.	Z.U.	1							
PROJECT NO.:	DRAWING NO.								
-									
DATE:									
2025/12/11									
SHEET:									
1									

**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

## Array 15 178 Panels

43 (4.8)												
43 (4.8)												
43 (4.8)												
43 (4.8)												
30 (4.1)												
	64 (6.0)	64 (6.0)	31 (4.2)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	31 (4.2)	49 (5.2)	77 (6.7)		
	64 (6.0)	51 (5.3)	31 (4.2)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	31 (4.2)	40 (4.7)	77 (6.7)		
	39 (4.6)	39 (4.6)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	1 (2.5)	23 (3.7)	40 (4.7)	44 (4.9)		
	49 (5.2)	40 (4.7)	14 (3.2)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	14 (3.2)	38 (4.6)	49 (5.2)	
30 (4.1)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	8 (2.9)	38 (4.6)	49 (5.2)	
30 (4.1)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	8 (2.9)	38 (4.6)	43 (4.8)	
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	8 (2.9)	38 (4.6)	43 (4.8)	
21 (3.6)	21 (3.6)	12 (3.1)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	8 (2.9)	38 (4.6)	43 (4.8)	
21 (3.6)	21 (3.6)	12 (3.1)	1 (2.5)	1 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	14 (3.2)	38 (4.6)	43 (4.8)	
21 (3.6)	21 (3.6)	12 (3.1)	7 (2.9)	7 (2.9)	0 (2.5)	0 (2.5)	0 (2.5)	0 (2.5)	23 (3.7)	38 (4.6)	43 (4.8)	
21 (3.6)	21 (3.6)	12 (3.1)	9 (3.0)	9 (3.0)	9 (3.0)	0 (2.5)	0 (2.5)	0 (2.5)	30 (4.1)	38 (4.6)	43 (4.8)	
43 (4.8)	100 (8.0)	100 (8.0)				56 (5.5)	49 (5.2)	8 (2.9)	0 (2.5)	30 (4.1)	38 (4.6)	43 (4.8)
43 (4.8)	100 (8.0)	100 (8.0)				56 (5.5)	49 (5.2)	38 (4.6)	21 (3.6)		77 (6.7)	77 (6.7)
43 (4.8)	100 (8.0)	100 (8.0)				56 (5.5)	49 (5.2)	14 (3.2)	0 (2.5)	30 (4.1)	38 (4.6)	43 (4.8)
49 (5.2)	100 (8.0)	100 (8.0)				56 (5.5)	49 (5.2)	23 (3.7)	1 (2.5)	38 (4.6)	38 (4.6)	43 (4.8)
	100 (8.0)	100 (8.0)				56 (5.5)	49 (5.2)	30 (4.1)	7 (2.9)	38 (4.6)	38 (4.6)	43 (4.8)
						64 (6.0)	64 (6.0)	30 (4.1)	7 (2.9)	39 (4.6)	64 (6.0)	64 (6.0)



ENGINEER'S SEAL

LOAD ARRAY 15

1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

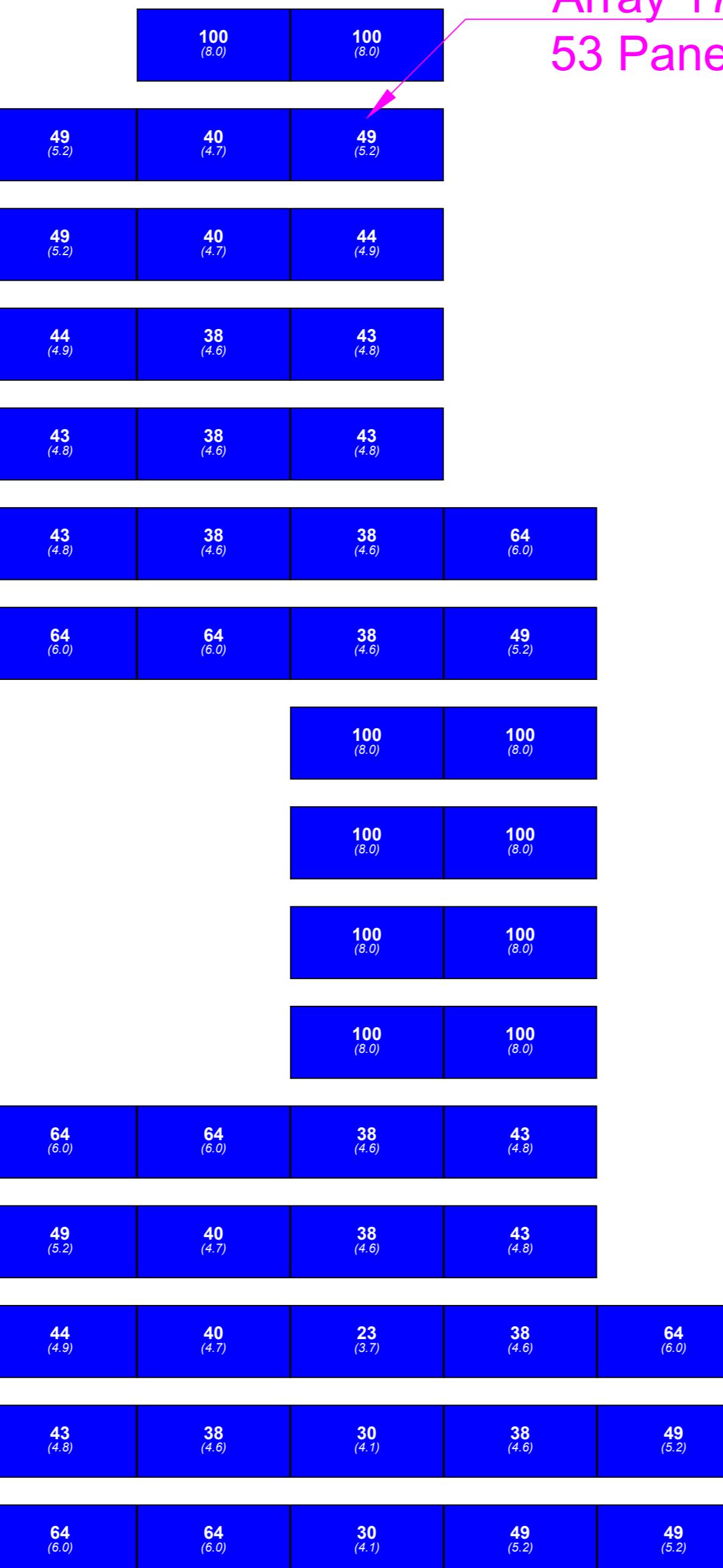
kWh Quebec Inc

DRAWING TITLE:	PROJECT:	CLIENT:
PROVIDER		
<b>KB RACKING®</b>		
1050 KING ST. W, SUITE 03A104 TORONTO, ONTARIO M6K 0C7 CANADA		
TOLL-FREE TEL: 1-888-661-3204 LOCAL TEL: 416 532 2500 EMAIL: info@kracking.com		
WWW.KRACKING.COM		
DRAWN BY:	CHECKED BY:	VERSION:
M.N.	Z.U.	1
PROJECT NO.:		DRAWING NO.:
-		
DATE:		2025/12/11
SHEET:		18 OF 67
<b>M-3.15</b>		



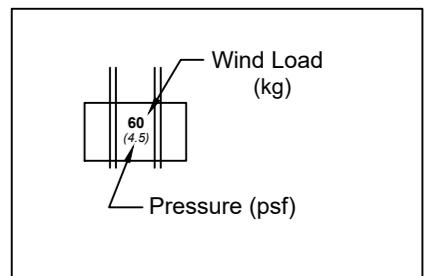
23 (3.7)	38 (4.6)	43 (4.8)
30 (4.1)	38 (4.6)	43 (4.8)
30 (4.1)	38 (4.6)	43 (4.8)
77 (6.7)		77 (6.7)
30 (4.1)	38 (4.6)	43 (4.8)
38 (4.6)	38 (4.6)	43 (4.8)
38 (4.6)	38 (4.6)	43 (4.8)
39 (4.6)	64 (6.0)	64 (6.0)
41 (4.7)	64 (6.0)	64 (6.0)
40 (4.7)	40 (4.7)	49 (5.2)
40 (4.7)	40 (4.7)	44 (4.9)
30 (4.1)	38 (4.6)	43 (4.8)
100 (8.0)		100 (8.0)
64 (6.0)		

Array 17  
53 Panels



NOTE:  
3050 Modules ( Jinko 625W )  
DC Output: 1906.25 kW (DC)  
AeroGrid L: 10 Degree Tilt  
Row Spacing: 1.56m  
Inter-Row Spacing: 0.44m  
Setback from edge: 1.22m

### LEGEND



ENGINEER'S SEAL

LOAD ARRAY 17

1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE:

PROJECT:

CLIENT:

PROVIDER:

**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

TOLL-FREE TEL: 1 888 661 3204  
LOCAL TEL: 416 532 2500  
EMAIL: info@kracking.com

WWW.KRACKING.COM

DRAWN BY: CHECKED BY: VERSION:

M.N. Z.U. 1

PROJECT NO.: DRAWING NO.

-

DATE: 2025/12/11

SHEET: 20 OF 67

M-3.17

64 (6.0)	64 (6.0)	30 (4.1)	49 (5.2)	49 (5.2)
-------------	-------------	-------------	-------------	-------------

NOTE:  
3050 Modules ( Jinko 625W )  
DC Output: 1906.25 kW (DC)  
AeroGrid L: 10 Degree Tilt  
Row Spacing: 1.56m  
Inter-Row Spacing: 0.44m  
Setback from edge: 1.22m

64 (6.0)	64 (6.0)	49 (5.2)
-------------	-------------	-------------

Array 18

64 (6.0)	49 (5.2)	49 (5.2)
-------------	-------------	-------------

53 Panels

56 (5.5)	49 (5.2)	43 (4.8)
-------------	-------------	-------------

56 (5.5)	49 (5.2)	43 (4.8)
-------------	-------------	-------------

64 (6.0)	64 (6.0)	8 (2.9)	38 (4.6)	43 (4.8)
-------------	-------------	------------	-------------	-------------

49 (5.2)	40 (4.7)	8 (2.9)	8 (2.9)	38 (4.6)	100 (8.0)
-------------	-------------	------------	------------	-------------	--------------

44 (4.9)	40 (4.7)	8 (2.9)	8 (2.9)	64 (6.0)	77 (6.7)
-------------	-------------	------------	------------	-------------	-------------

43 (4.8)	38 (4.6)	38 (4.6)	43 (4.8)
-------------	-------------	-------------	-------------

43 (4.8)	38 (4.6)	38 (4.6)	43 (4.8)
-------------	-------------	-------------	-------------

43 (4.8)	38 (4.6)	38 (4.6)	43 (4.8)
-------------	-------------	-------------	-------------

43 (4.8)	38 (4.6)	38 (4.6)	43 (4.8)
-------------	-------------	-------------	-------------

43 (4.8)	38 (4.6)	38 (4.6)	43 (4.8)
-------------	-------------	-------------	-------------

49 (5.2)	49 (5.2)	49 (5.2)	49 (5.2)
-------------	-------------	-------------	-------------

ENGINEER'S SEAL

LOAD ARRAY 18

DRAWING TITLE:

PROJECT:

PROVIDER:

**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

TOLL - FREE TEL: 1.888.661.3204  
LOCAL TEL: 416 532 2500  
EMAIL: info@kracking.com

WWW.KRACKING.COM

DRAWN BY: CHECKED BY: VERSION:

M.N. Z.U. 1

PROJECT NO.: DRAWING NO.

-

DATE: 2025/12/11

SHEET: 21 OF 67

1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

kWh Quebec Inc

M-3.18

64 (6.0)	64 (6.0)	64 (6.0)		100 (8.0)	100 (8.0)
-------------	-------------	-------------	--	--------------	--------------

NOTE:  
3050 Modules ( Jinko 625W )  
DC Output: 1906.25 kW (DC)  
AeroGrid L: 10 Degree Tilt  
Row Spacing: 1.56m  
Inter-Row Spacing: 0.44m  
Setback from edge: 1.22m

30 (4.1)	30 (4.1)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	31 (4.2)	64 (6.0)	64 (6.0)
-------------	-------------	------------	------------	------------	------------	-------------	-------------	-------------

## Array 19

95 Panels

30 (4.1)	12 (3.7)	7 (2.9)	12 (3.1)	7 (2.9)	7 (2.9)	31 (4.2)	51 (5.3)	64 (6.0)
-------------	-------------	------------	-------------	------------	------------	-------------	-------------	-------------

21 (3.6)	12 (3.1)	1 (2.5)	12 (3.1)	1 (2.5)	1 (2.5)	23 (3.7)	51 (5.3)	58 (5.7)
-------------	-------------	------------	-------------	------------	------------	-------------	-------------	-------------

21 (3.6)	12 (3.1)	7 (2.9)	9 (3.0)	7 (2.9)	0 (2.5)	14 (3.2)	49 (5.2)	56 (5.5)
-------------	-------------	------------	------------	------------	------------	-------------	-------------	-------------

39 (4.6)	39 (4.6)	39 (4.6)	30 (4.1)	12 (3.1)	23 (3.7)	49 (5.2)	56 (5.5)
-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------

56 (5.5)	49 (5.2)	64 (6.0)	56 (5.5)
-------------	-------------	-------------	-------------

64 (6.0)	64 (6.0)	38 (4.6)	49 (5.2)	133 (9.8)
-------------	-------------	-------------	-------------	--------------

64 (6.0)	49 (5.2)	43 (4.8)	100 (8.0)	100 (8.0)
-------------	-------------	-------------	--------------	--------------

58 (5.7)	49 (5.2)	14 (3.2)	30 (4.1)	49 (5.2)	56 (5.5)
-------------	-------------	-------------	-------------	-------------	-------------

56 (5.5)	49 (5.2)	23 (3.7)	12 (3.1)	1 (2.5)	1 (2.5)	64 (6.0)	64 (6.0)
-------------	-------------	-------------	-------------	------------	------------	-------------	-------------

100 (8.0)	100 (8.0)	30 (4.1)	7 (2.9)	7 (2.9)	12 (3.1)	7 (2.9)	7 (2.9)	40 (4.7)	40 (4.7)	49 (5.2)
--------------	--------------	-------------	------------	------------	-------------	------------	------------	-------------	-------------	-------------

77 (6.7)	77 (6.7)	30 (4.1)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	7 (2.9)	49 (5.2)	49 (5.2)	49 (5.2)
-------------	-------------	-------------	------------	------------	------------	------------	------------	-------------	-------------	-------------

ENGINEER'S SEAL

LOAD ARRAY 19

1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE:

PROJECT:

CUSTOM:

PROVIDER:

**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

TOLL-FREE TEL: 1-888-661-3204  
LOCAL TEL: 416 532 2500  
EMAIL: info@kracking.com

WWW.KRACKING.COM

DRAWN BY: CHECKED BY: VERSION:

M.N. Z.U. 1

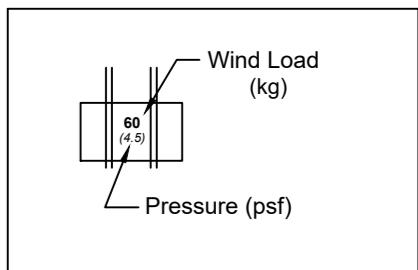
PROJECT NO.: DRAWING NO.

DATE: M-3.19

SHEET: 22 OF 67

**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

### LEGEND



ENGINEER'S SEAL

LOAD ARRAY 20

1125 50e Avenue, Lachine  
 1125 50e Avenue  
 Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE:  
 PROJECT:  
 PROVIDER:

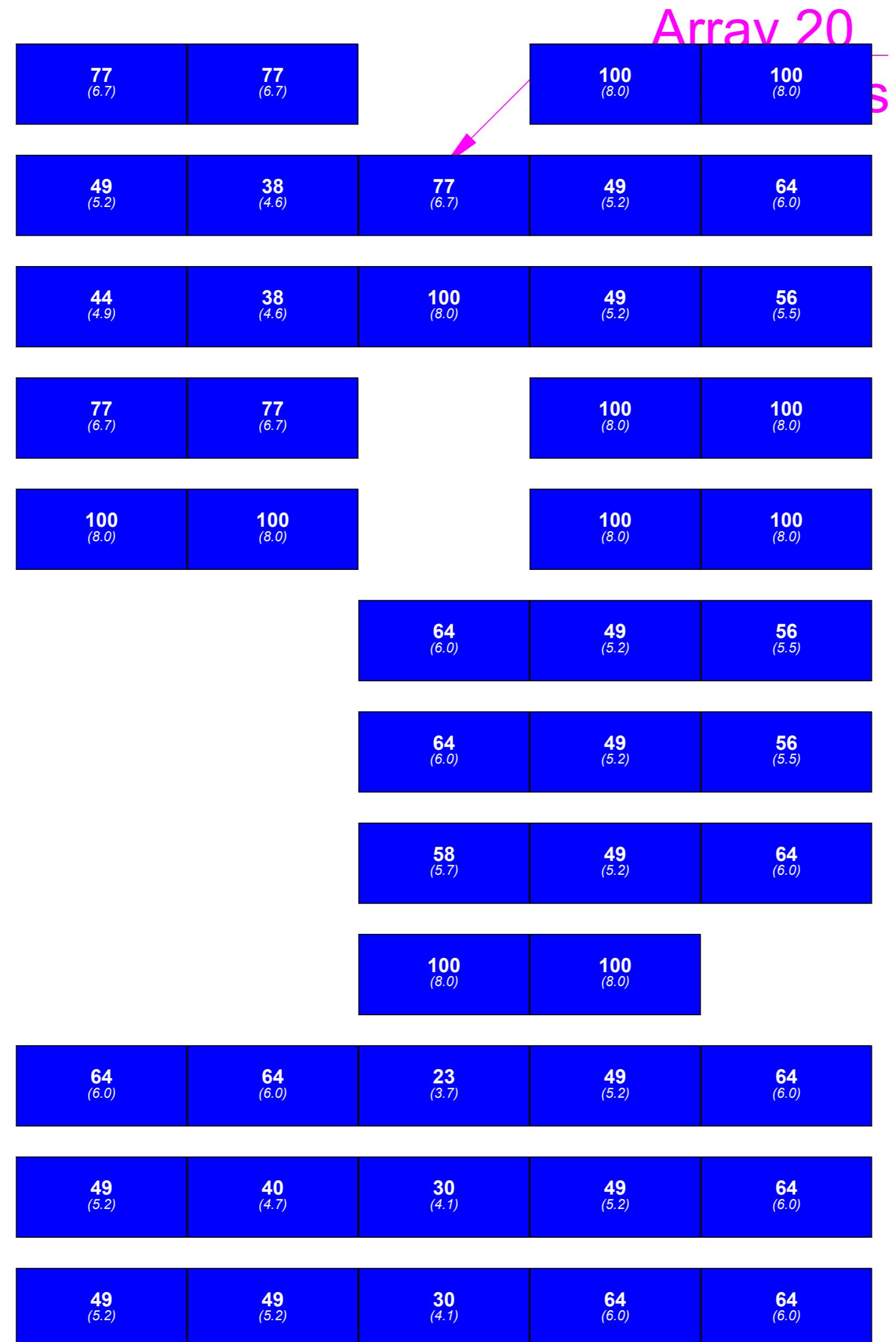
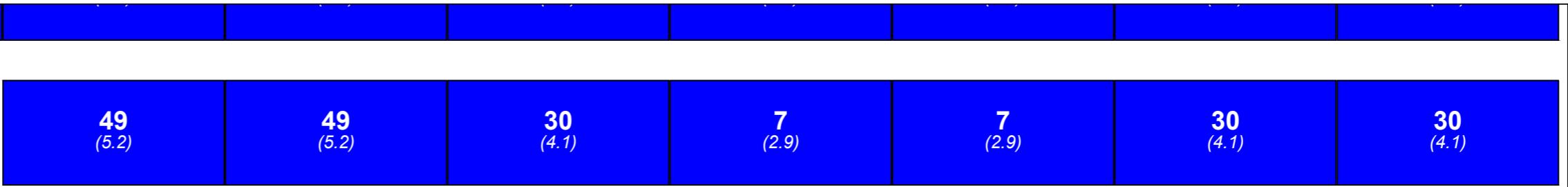
**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
 TORONTO, ONTARIO M6K 0C7  
 CANADA

TOLL-FREE TEL: 1.888.661.3204  
 LOCAL TEL: 416 532 2500  
 EMAIL: info@kracking.com

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M.N.	Z.U.	1
PROJECT NO.: -	DRAWING NO.:	
DATE: 2025/12/11	SHEET: 23 OF 67	M-3.20





# 1125 50e Avenue, Lachine - 1906.3 kW (dc)

1125 50e Avenue, Lachine, QC H8T 3P3

**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

Total Ballast (kg)	Stone Quantities		Ballast Trays	Accessory Brackets	High Uplift Supports			
	15.5x7.5x3.5in							
	Large (14.5 kg)							
Array 01	4089.00	282	0	0	0			
Array 02	3103.00	214	0	0	0			
Array 03	3335.00	230	0	0	0			
Array 04	3987.50	275	0	0	0			
Array 05	3161.00	218	0	0	0			
Array 06	3262.50	225	0	0	0			
Array 07	6220.50	429	1	0	0			
Array 08	2566.50	177	0	0	0			
Array 09	3886.00	268	0	0	0			
Array 10	5002.50	345	0	0	0			
Array 11	2595.50	179	0	0	0			
Array 12	2711.50	187	1	0	0			
Array 13	1972.00	136	0	0	0			
Array 14	1493.50	103	0	0	0			
Array 15	4654.50	321	0	0	0			
Array 16	4582.00	316	0	0	0			
Array 17	2987.00	206	0	0	0			
Array 18	2363.50	163	0	0	0			
Array 19	3393.00	234	3	4	0			
Array 20	3146.50	217	0	0	0			
Array 21	2479.50	171	1	0	0			
<b>Totals</b>	<b>70992.00</b>	<b>4896</b>	<b>6</b>	<b>4</b>	<b>0</b>			
<i>Recommended Ballast</i>	70512.13							
<i>Additional Ballast Weight</i>	479.87							

DRAWING TITLE:  
PAVER LAYOUT

PROJECT:  
1125 50e Avenue, Lachine  
Lachine, QC H8T 3P3

CLIENT:  
kWh Quebec Inc

PROVIDER:  
**KB RACKING®**

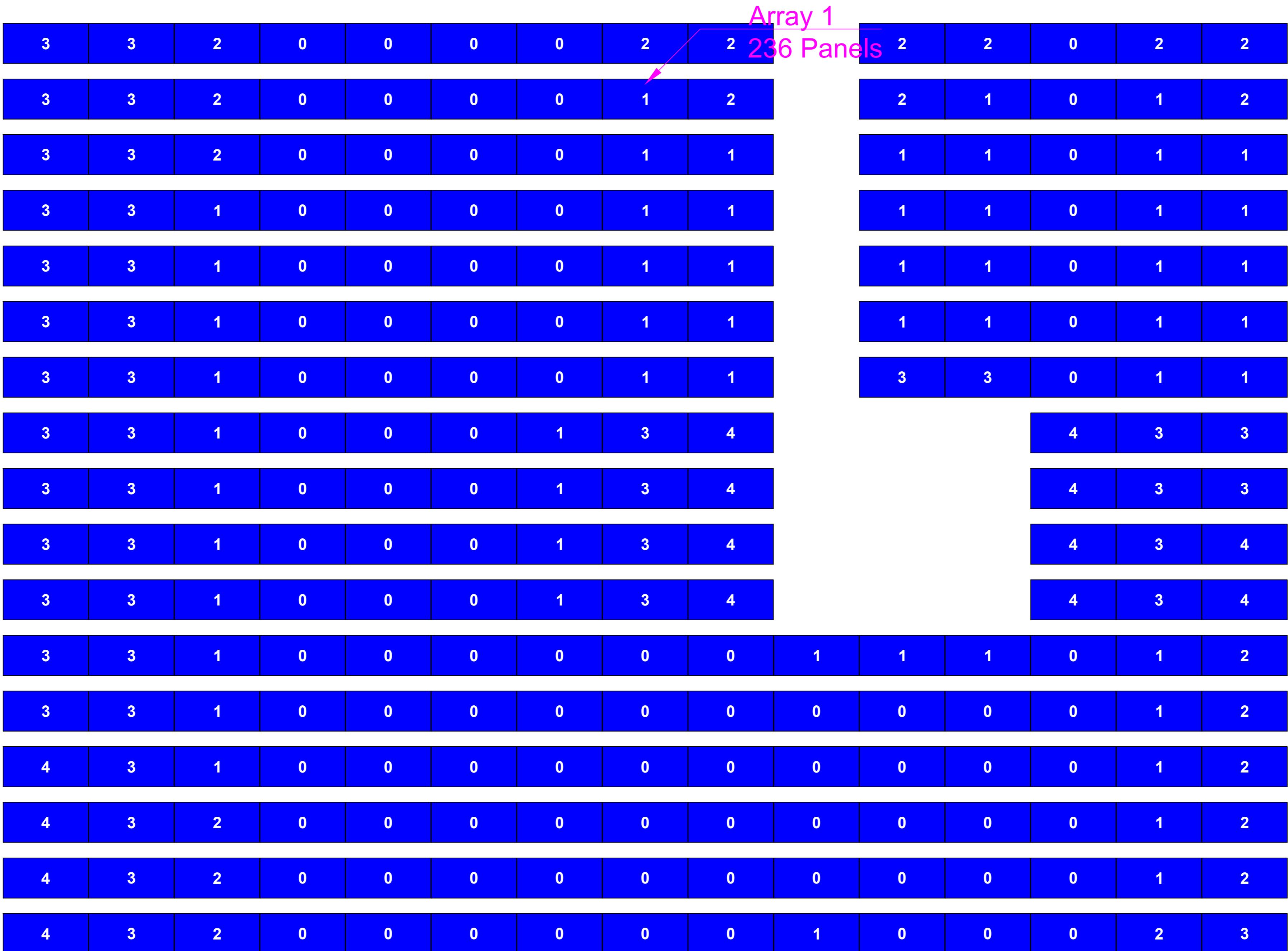
1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

TOLL-FREE TEL: 1-888-661-3204  
LOCAL TEL: 416 532 2500  
EMAIL: info@kracking.com

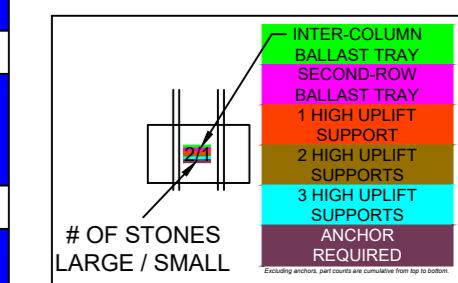
WWW.KRACKING.COM

DRAWN BY:	CHECKED BY:	VERSION:
M.N.	Z.U.	1
PROJECT NO.: -		DRAWING NO.
DATE: 2025/12/11		M-4.0
SHEET: 25 OF 67		

**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m



### LEGEND



ENGINEER'S SEAL

PAVER ARRAY 1

1125 50e Avenue, Lachine  
 1125 50e Avenue  
 Lachine, QC H8T 3P3

kWh Quebec Inc

PROJECT: \_\_\_\_\_  
 PROVIDER: **KB RACKING®**

1050 KING ST. W, SUITE 03A104  
 TORONTO, ONTARIO M6K 0C7  
 CANADA

TOLL-FREE TEL: 1.888.661.3204  
 LOCAL TEL: 416 532 2500  
 EMAIL: info@kracking.com

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DRAWN BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ VERSION: \_\_\_\_\_

M.N. \_\_\_\_\_ Z.U. \_\_\_\_\_ 1

PROJECT NO.: -	DRAWING NO.: _____
DATE: 2025/12/11	SHEET: 26 OF 67
M-4.1	

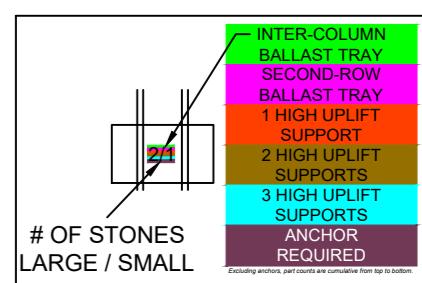
**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

2	2	0	0	0	0	2	2
3	1	0	0	0	0	1	2
2	1	0	0	0	0	1	1
2	1	0	0	0	0	1	1
2	1	0	0	0	0	1	1
2	1	0	0	0	0	1	1
2	1	0	0	0	0	1	1
2	1	0	0	0	0	1	1
3	1	0	0	0	1	3	4
3	1	0	0	0	1	3	4
3	1	0	0	0	1	3	4
3	1	0	0	0	1	3	4
3	1	0	0	0	0	0	1
3	1	0	0	0	0	0	1
3	1	0	0	0	0	0	1
3	1	0	0	0	0	0	1
3	1	0	0	0	0	0	1
4	2	0	0	0	0	0	2

Array 2  
236 Panels

2	2	0	0	2	2
2	1	0	0	1	2
1	1	0	0	1	1
1	1	0	0	1	1
1	1	0	0	1	1
3	3	0	0	1	1
4	3	3	3	1	
4	3	3	3	1	
4	3	3	3	1	
4	3	3	3	1	
4	3	3	3	1	
4	3	3	3	1	
0	0	0	0	0	

**LEGEND**



ENGINEER'S SEAL

PAVER ARRAY 2

1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

kWh Quebec Inc

PROJECT: \_\_\_\_\_  
CLIENT: \_\_\_\_\_

**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

TOLL-FREE TEL: 1.888.661.3204  
LOCAL TEL: 416.532.2500  
EMAIL: info@kracking.com

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DRAWN BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ VERSION: \_\_\_\_\_

M.N. \_\_\_\_\_ Z.U. \_\_\_\_\_ 1

PROJECT NO.: \_\_\_\_\_ DRAWING NO.: \_\_\_\_\_

DATE: 2025/12/11

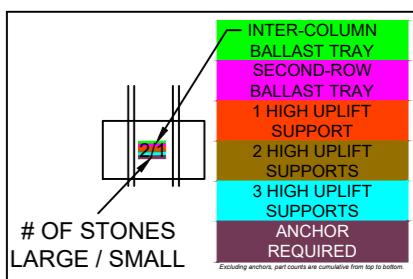
SHEET: 27 OF 67

**M-4.2**

**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

	Array 3												
	2	2	2	0	0	0	0	0	0	2	3	3	
	2	2	1	0	0	0	0	0	0	2	3	3	
	1	1	1	0	0	0	0	0	0	2	3	4	
	1	1	1	0	0	0	0	0	0	0	1	3	3
	1	1	1	0	0	0	0	0	0	0	2	3	3
	1	1	1	0	0	0	0	0	0	0	2	3	3
	1	2	1	0	0	0	0	0	0	0	2	3	3
	1	2	1	0	0	0	0	0	1	1	1	2	3
	1	2	1	0	0	1	3	4					
	1	2	1	0	0	1	3	4		4	4	3	
	1	2	1	0	0	1	3	4		4	3	3	
	1	3	1	0	0	1	3	4		4	3	3	
	1	3	1	0	0	0	0	0	1	1	1	1	3
	1	3	1	0	0	0	0	0	0	0	1	3	3
	1	3	1	0	0	0	0	0	0	0	1	3	3
	1	4	1	0	0	0	0	0	0	0	2	3	3
	1	4	1	0	0	0	0	0	0	0	2	3	3
	2	4	2	0	0	0	0	0	0	0	2	3	3

### LEGEND



ENGINEER'S SEAL

PAVER ARRAY 3

1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE:	PROJECT:	CLIENT:
PROVIDER:	<b>KB RACKING®</b>	
1050 KING ST. W, SUITE 03A104 TORONTO, ONTARIO M6K 0C7 CANADA		
TOLL-FREE TEL: 1.888.661.3204 LOCAL TEL: 416.532.2500 EMAIL: info@kracking.com		
WWW.KBRACKING.COM		
DRAWN BY:	CHECKED BY:	VERSION:
M.N.	Z.U.	1
PROJECT NO.:	DRAWING NO.:	
-		
DATE:	M-4.3	
2025/12/11		
SHEET:	28 OF 67	

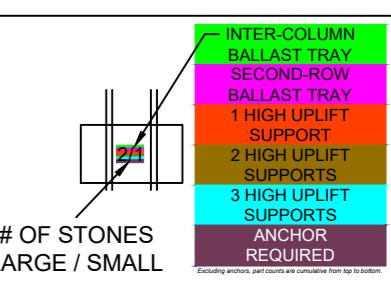
4	3	2	0	0	0	0	0	0	1	0	0	0	2	3	NOTE: 3050 Modules ( Jinko 625W ) DC Output: 1906.25 kW (DC) AeroGrid L: 10 Degree Tilt Row Spacing: 1.56m Inter-Row Spacing: 0.44m Setback from edge: 1.22m	
3	3	2	0	0	0	0	2	2	Array 4 236 Panels		2	2	0	2	2	
<b>LEGEND</b>																
3	3	2	0	0	0	0	1	2	2	1	0	1	2			
3	3	2	0	0	0	0	1	1	1	1	0	1	1			
3	3	1	0	0	0	0	1	1	1	1	0	1	1			
3	3	1	0	0	0	0	1	1	1	1	0	1	1			
4	3	1	0	0	0	1	3	4	4	3	3				ENGINEER'S SEAL	
4	3	1	0	0	0	1	3	4	4	3	3					
4	3	1	0	0	0	1	3	4	4	3	3					
4	3	1	0	0	0	1	3	4	4	3	3					
4	3	1	0	0	0	1	3	4	4	3	3					
4	3	1	0	0	0	0	0	0	1	1	1	0	1	1	PAVER ARRAY 4	
4	3	1	0	0	0	0	0	0	0	0	0	0	1	1	1125 50e Avenue, Lachine 1125 50e Avenue Lachine, QC H8T 3P3	
5	3	1	0	0	0	0	0	0	0	0	0	0	1	1	kWh Quebec Inc	
5	3	1	0	0	0	0	0	0	0	0	0	0	1	1		
5	3	1	0	0	0	0	0	0	0	0	0	0	1	1		
5	3	2	0	0	0	0	0	0	0	0	0	0	1	1		
3	3	2	0	0	0	0	0	0	0	0	0	0	1	1		
3	3	2	0	0	0	0	0	0	0	0	0	0	2	2		

NOTE:  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

Array 5  
236 Panels

4	2	0	0	0	0	0	0	1	0	0	0	0	2	2
2	2	0	0	0	0	2	2							
2	1	0	0	0	0	1	2							
2	1	0	0	0	0	1	1							
2	1	0	0	0	0	1	1							
2	1	0	0	0	1	3	4							
2	1	0	0	0	1	3	4							
2	1	0	0	0	1	3	4							
2	1	0	0	0	1	3	4							
3	1	0	0	0	1	3	4							
3	1	0	0	0	0	0	0	1	1	1	0	0	1	1
3	1	0	0	0	0	0	0	0	0	0	0	0	1	1
3	1	0	0	0	0	0	0	0	0	0	0	0	1	1
3	1	0	0	0	0	0	0	0	0	0	0	0	1	1
3	1	0	0	0	0	0	0	0	0	0	0	0	1	1
4	1	0	0	0	0	0	0	0	0	0	0	0	1	1
5	2	0	0	0	0	0	0	0	0	0	0	0	2	2

### LEGEND



ENGINEER'S SEAL

PAVER ARRAY 5

1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

kWh Quebec Inc

PROJECT:   
PROVIDER: **KB RACKING®**  
CLIENT:

1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

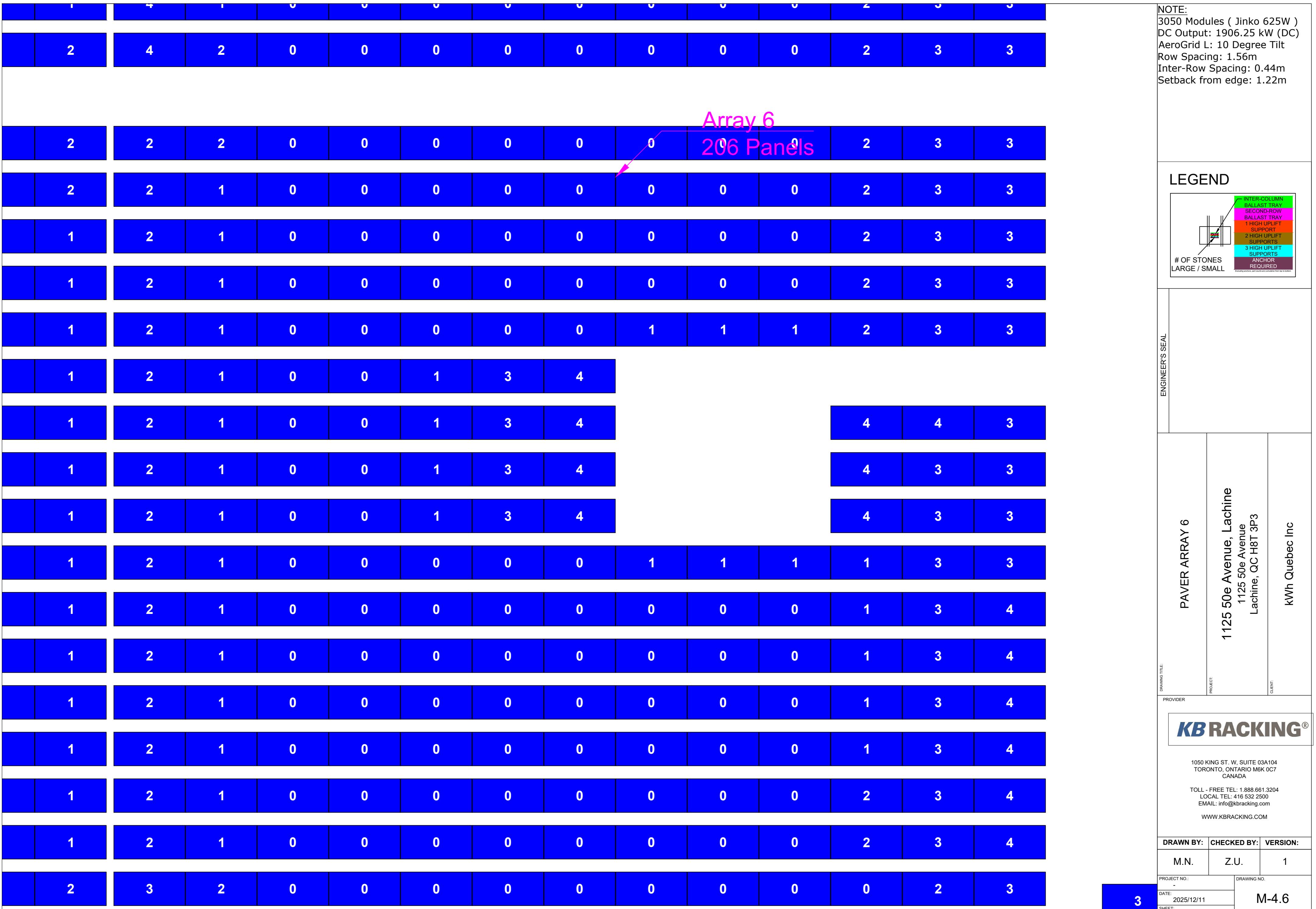
TOLL-FREE TEL: 1-888-661-3204  
LOCAL TEL: 416 532 2500  
EMAIL: info@kracking.com

WWW.KRACKING.COM

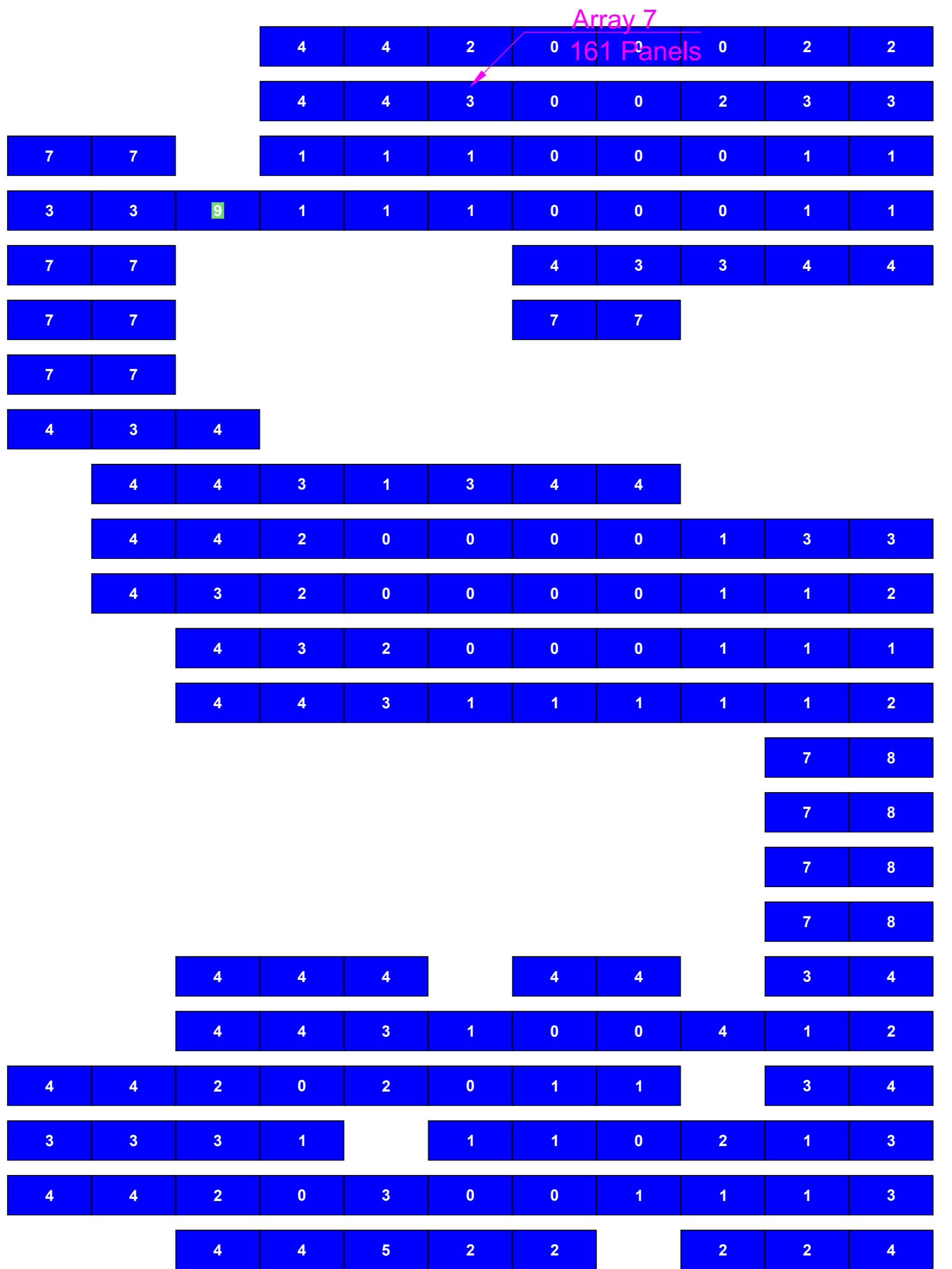
DRAWN BY:  CHECKED BY:  VERSION:

M.N.  Z.U.  1

PROJECT NO.: -	DRAWING NO.
DATE: 2025/12/11	
SHEET: 30 OF 67	M-4.5



**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m



3	3	3	4
3	3	3	4
2	3	4	4
2	2	2	2
2	1	1	1
3	3	3	3
7	7		
7	7		
5	5	3	
1	1	1	0
1	1	0	0
1	1	0	0
3	1	0	0
3	1	0	0
3	1	0	0
3	3	1	
3	1	1	3
2	1	1	3
1	1	0	1
1	1	0	1
1	1	0	2
1	1	0	2
3	3	2	2

**LEGEND**

# OF STONES LARGE / SMALL

**PAVER ARRAY 7**

PROJECT: 1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

CLIENT: kWh Quebec Inc

PROVIDER: **KB RACKING®**

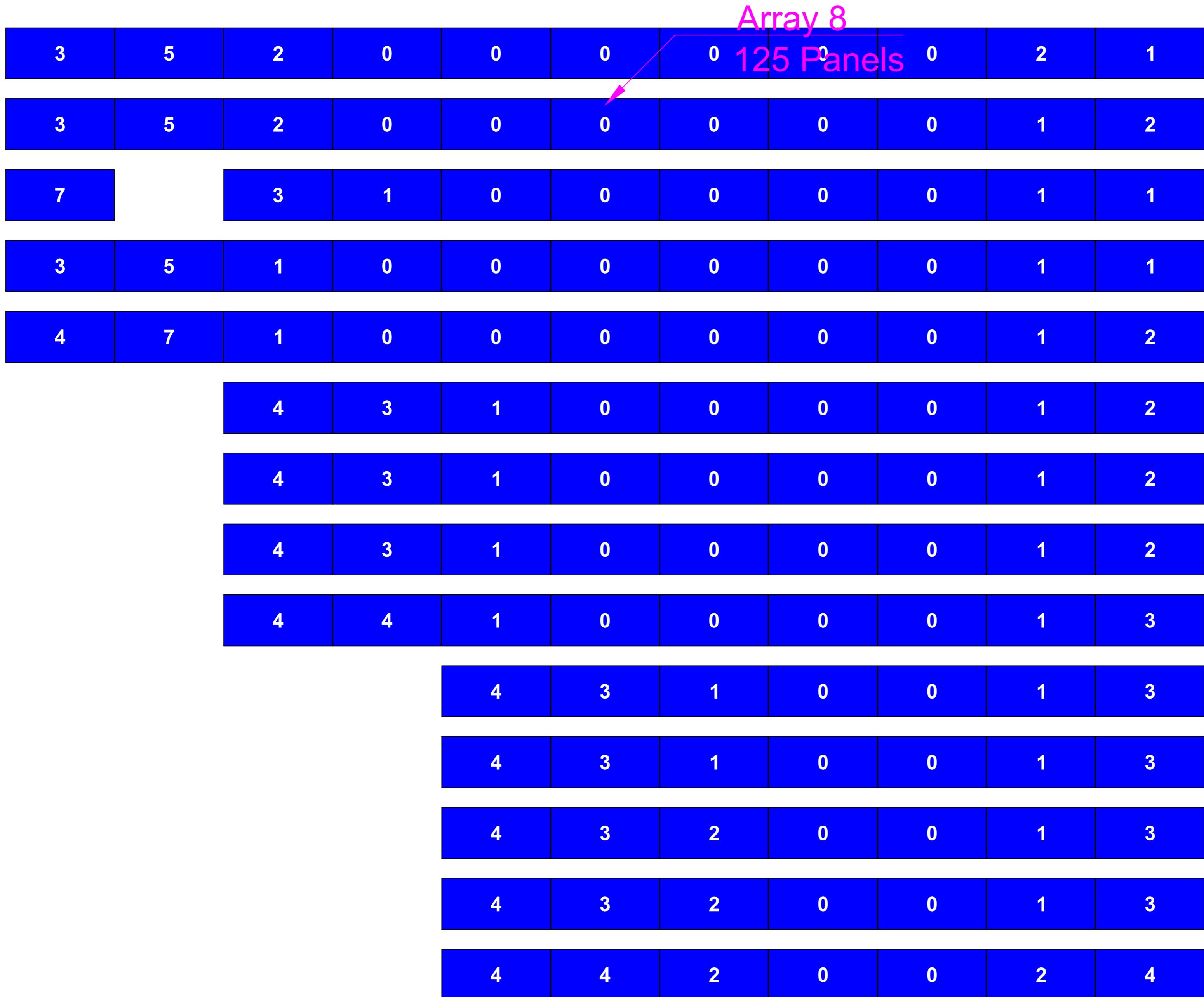
1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

TOLL - FREE TEL: 1.888.661.3204  
LOCAL TEL: 416 532 2500  
EMAIL: info@kracking.com

WWW.KRACKING.COM

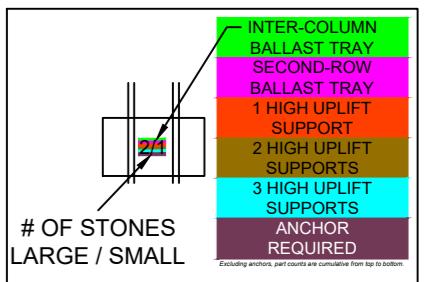
DRAWN BY: **M.N.** CHECKED BY: **Z.U.** VERSION: **1**

PROJECT NO.: - DRAWING NO.:  
DATE: 2025/12/11 SHEET: 32 OF 67  
M-4.7



**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

### LEGEND



ENGINEER'S SEAL

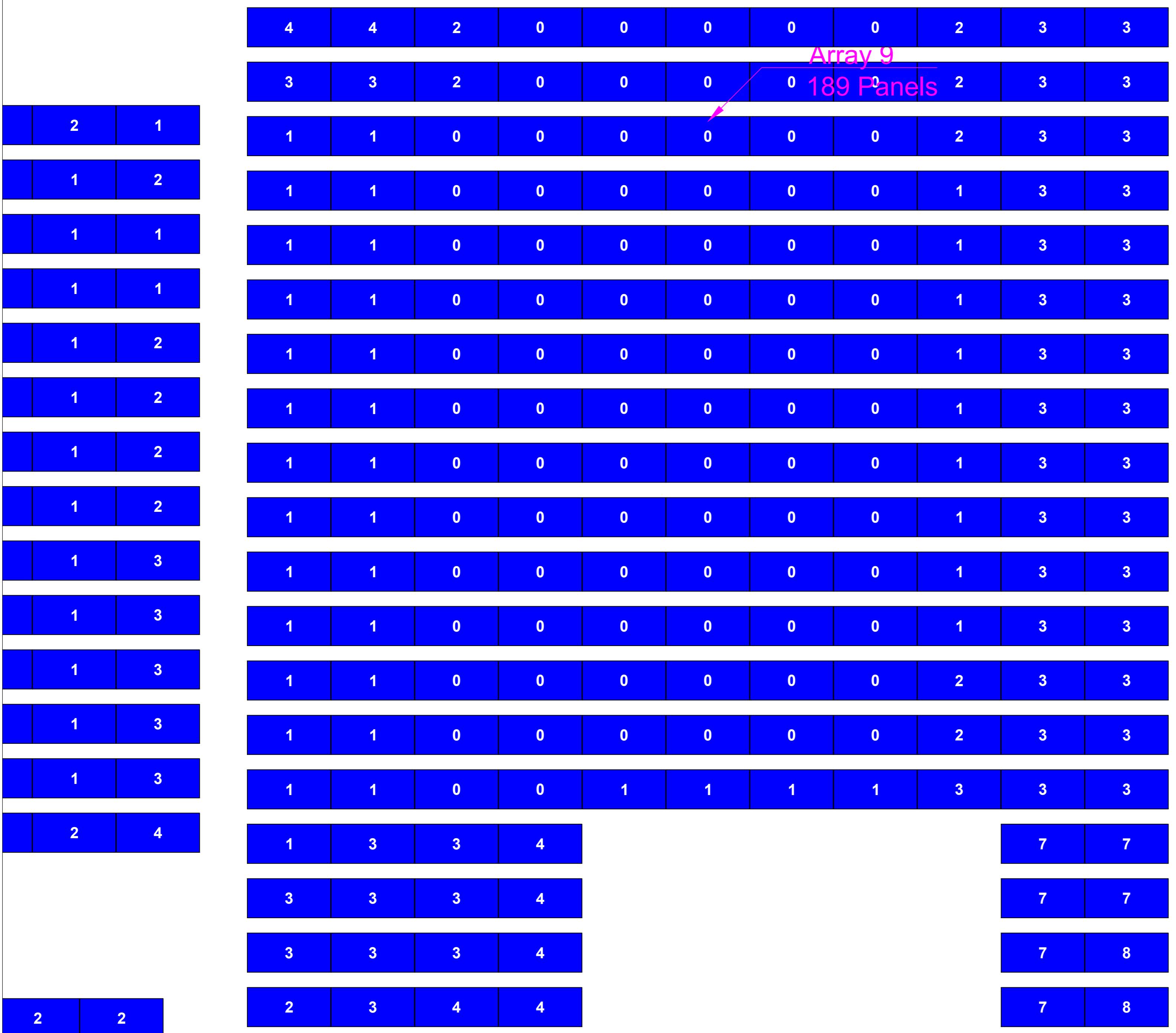
PAVER ARRAY 8

1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

kWh Quebec Inc

PROJECT:		
PROVIDER:	<b>KB RACKING®</b>	
1050 KING ST. W, SUITE 03A104 TORONTO, ONTARIO M6K 0C7 CANADA		
TOLL - FREE TEL: 1.888.661.3204 LOCAL TEL: 416 532 2500 EMAIL: info@kracking.com		
WWW.KRACKING.COM		
DRAWN BY:	CHECKED BY:	VERSION:
M.N.	Z.U.	1
PROJECT NO.:	DRAWING NO.:	
-		
DATE:		
2025/12/11		
SHEET:		
33 OF 67	M-4.8	

**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m





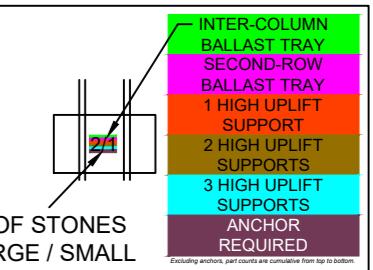
**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

Array 11

133 Panels

3	3											
3	3											
3	3											
3	3	2	0	0	0	2	2	2	2	0	0	
3	3	2	0	0	0	1	2	2	1	0	0	
3	3	2	0	0	0	1	1	1	1	0	0	
7	7											
7	7											
3	3	1	0	0	0	1	1	1	1	1	0	0
3	3	1	0	0	0	1	1	1	1	1	0	0
7	8											
7	8											
7		3	1	0	0	0	2	1	1	1	1	1
3	3	1	0	1	1		3	1	1	0	0	
3	3	1	0	0	0	2	1	2	1	0	1	
3	3	1	0	0	0	0	1	1	4	3	4	
3	3	1	0	0	0	0	1	1	4	3	4	
3	3	1	0	0	0	0	1	1	4	3	4	
3	3	1	0	0	0	0	1	1	5	3	4	
4	3	1	0	0	0	0	1	1	5	3	4	
4	3	1	0	0	0	0	1	1	5	3	4	
4	3	2	0	0	0	1	2	5	3	4		
4	3	2	0	0	0	0	1	2	5	3	4	
3	3	2	0	0	0	1	2	5	3	4		
3	3	2	0	0	0	2	2	5	4	4		
3	3											
3	3											

**LEGEND**



ENGINEER'S SEAL

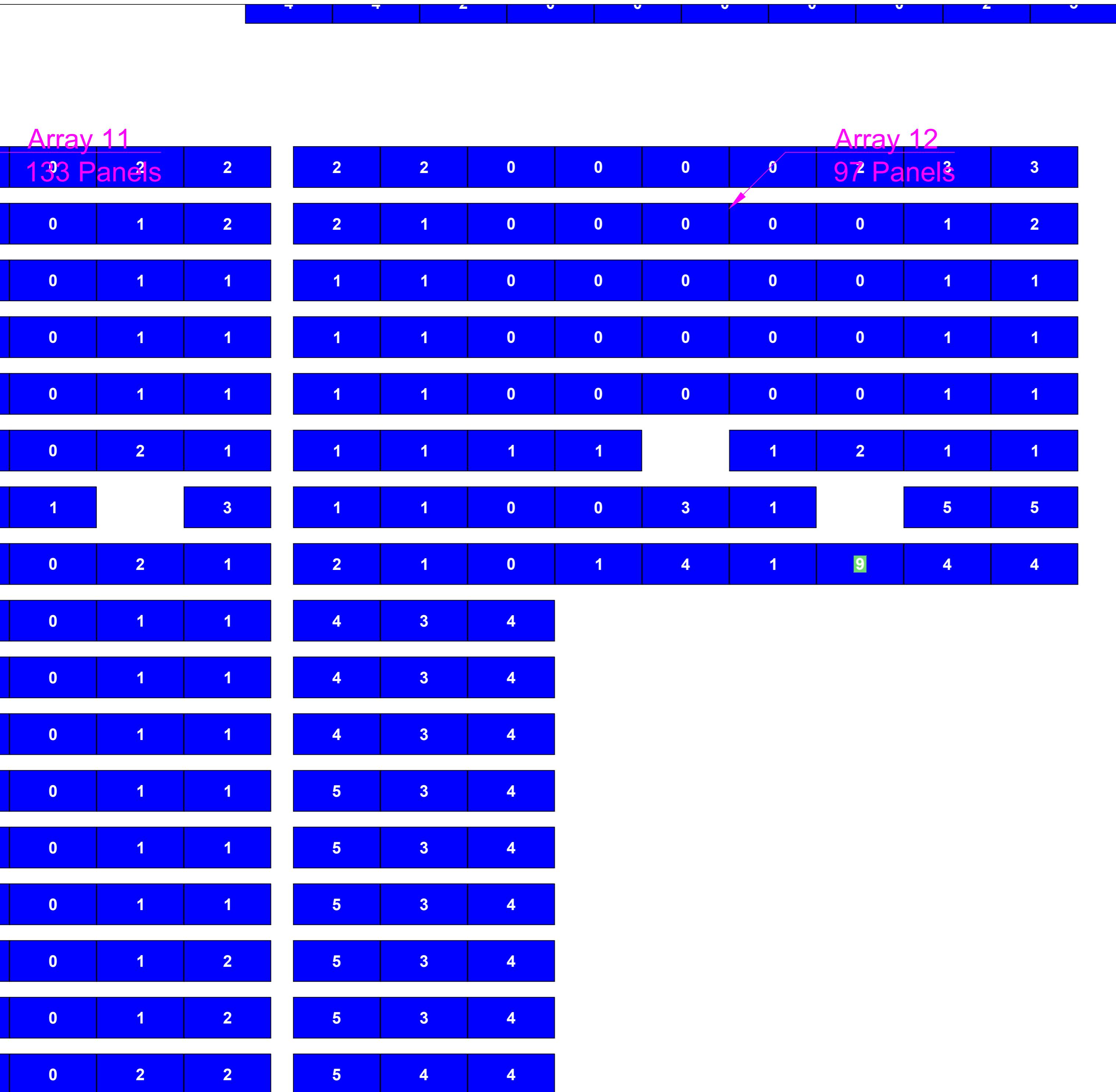
PAVER ARRAY 11

1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

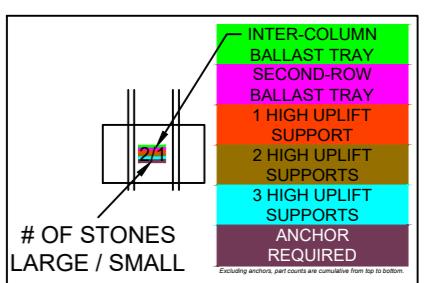
kWh Quebec Inc

DRAWING TITLE:	PROJECT:	CLIENT:
PROVIDER:	KB RACKING®	
1050 KING ST. W, SUITE 03A104 TORONTO, ONTARIO M6K 0C7 CANADA		
TOLL-FREE TEL: 1.888.661.3204 LOCAL TEL: 416 532 2500 EMAIL: info@kracking.com		
WWW.KRACKING.COM		
DRAWN BY:	CHECKED BY:	VERSION:
M.N.	Z.U.	1
PROJECT NO.:	DRAWING NO.:	
-		
DATE:	M-4.11	
SHEET:	36 OF 67	

**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m



### LEGEND



ENGINEER'S SEAL

PAVER ARRAY 12

1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

kWh Quebec Inc

PROJECT:		
PROVIDER:	<b>KB RACKING®</b>	
1050 KING ST. W, SUITE 03A104 TORONTO, ONTARIO M6K 0C7 CANADA		
TOLL-FREE TEL: 1 888 661 3204 LOCAL TEL: 416 532 2500 EMAIL: info@kracking.com WWW.KRACKING.COM		
DRAWN BY:	CHECKED BY:	VERSION:
M.N.	Z.U.	1
PROJECT NO.:	DRAWING NO.	
-		
DATE:	2025/12/11	
SHEET:	M-4.12	
37 OF 67		

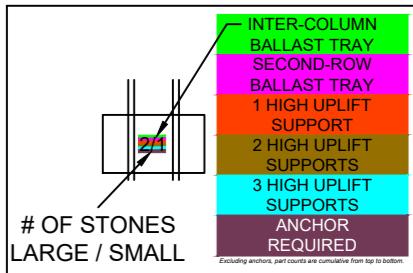
NOTE:  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

0	0	0	0	0	1	1	2	1	0	0	0
0	0	0	0	0	2	2	3	2	0	0	0

Array 13  
76 Panels

3	3	3	2	0	0	0	2	2	2	2	2
3	3	3	2	0	0	0	1	2	2	1	
3	3	3	2	0	0	0	1	1	1	1	
3	3	3	1	0	0	0	1	1	1	1	
3	3	3	1	0	0	0	1	1	1	1	
3	3	3	1	0	0	0	1	1	1	1	
3	3	3	1	0	0	0	1	1	1	1	
3	3	3	1	0	0	1	3	3	1	1	
3	3	3	1	3	4				4	3	
3	3	2	3	4					4	3	
3	3	2	3	4					4	3	
3	4	4	2	4	4				4	4	

LEGEND



ENGINEER'S SEAL

PAVER ARRAY 13

1125 50e Avenue, Lachine  
1125 50e Avenue  
Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE: PROJECT: PROVIDER:

**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
TORONTO, ONTARIO M6K 0C7  
CANADA

TOLL - FREE TEL: 1.888.661.3204  
LOCAL TEL: 416 532 2500  
EMAIL: info@kracking.com  
WWW.KRACKING.COM

DRAWN BY: CHECKED BY: VERSION:

M.N. Z.U. 1

PROJECT NO.: DRAWING NO.:

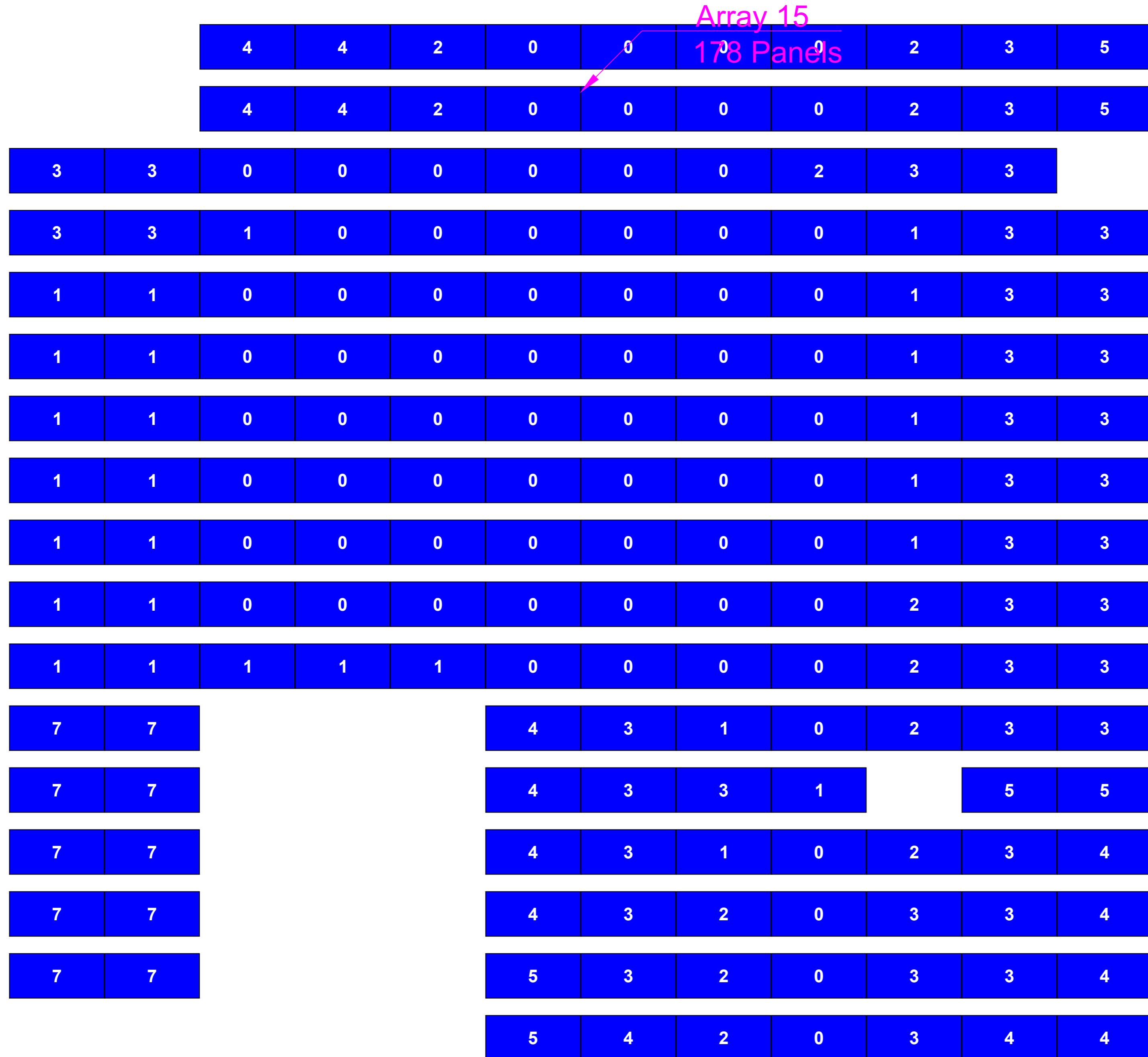
DATE: 2025/12/11

SHEET: 38 OF 67

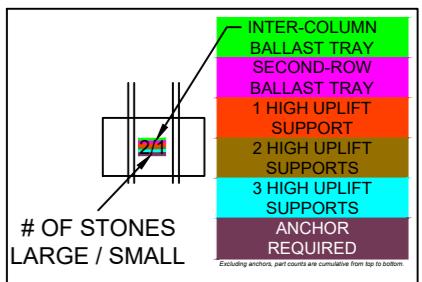
M-4.13

0	0	0	0	0	0	0	0	2	3
<b>Array 14</b>									
2	2	0	0	0	0	0	0	2	2
2	1	0	0	0	0	0	0	1	2
1	1	0	0	0	0	0	0	1	1
1	1	0	0	0	0	0	0	1	3
1	1	0	0	0	0	0	0	1	3
1	1	0	0	0	0	0	0	1	3
1	1	0	0	0	0	0	0	1	3
4	3	1	0	0	0	0	0	1	5
4	3	2	0	0	0	0	0	1	5
4	3	2	0	0	0	0	0	1	5
4	4	2	0	0	0	0	0	2	5

**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m



### LEGEND



ENGINEER'S SEAL

PAVER ARRAY 15

1125 50e Avenue, Lachine  
 1125 50e Avenue  
 Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE: PAVER ARRAY 15  
 PROJECT: 1125 50e Avenue, Lachine  
 CLIENT: kWh Quebec Inc

PROVIDER: **KB RACKING®**  
 1050 KING ST. W, SUITE 03A104  
 TORONTO, ONTARIO M6K 0C7  
 CANADA

TOLL-FREE TEL: 1.888.661.3204  
 LOCAL TEL: 416 532 2500  
 EMAIL: info@kracking.com  
 WWW.KRACKING.COM

DRAWN BY: CHECKED BY: VERSION:

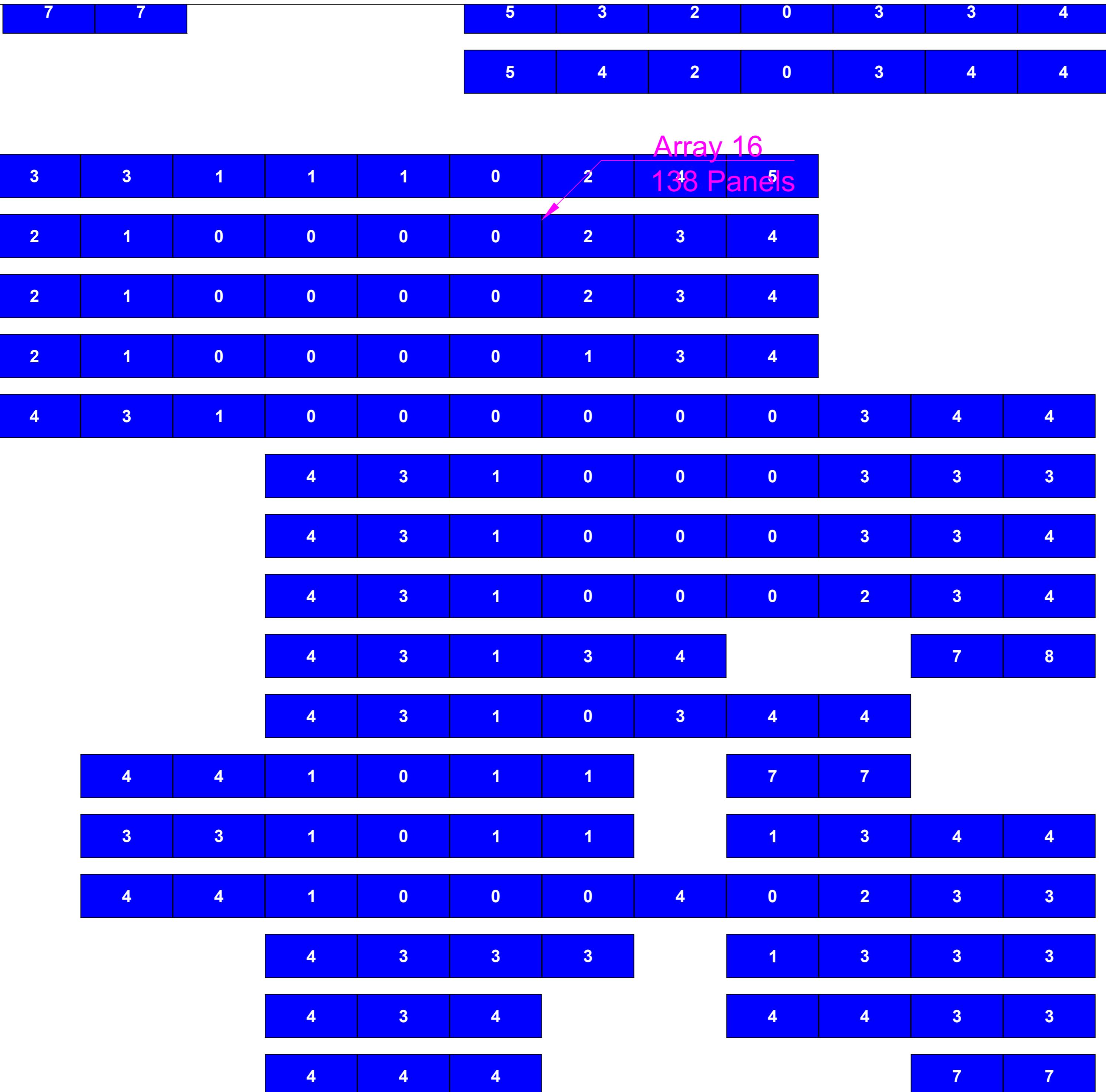
M.N. Z.U. 1

PROJECT NO.: - DRAWING NO.

DATE: 2025/12/11

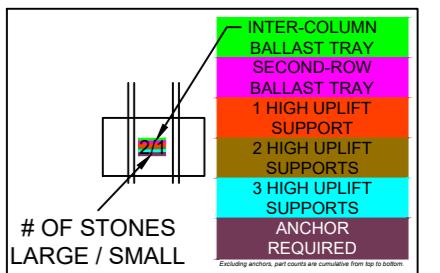
SHEET: 40 OF 67

**M-4.15**



NOTE:  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

#### LEGEND



ENGINEER'S SEAL

PAVER ARRAY 16

1125 50e Avenue, Lachine  
 1125 50e Avenue  
 Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE: PROJECT: CLIENT:  
 PROVIDER:

**KB RACKING®**

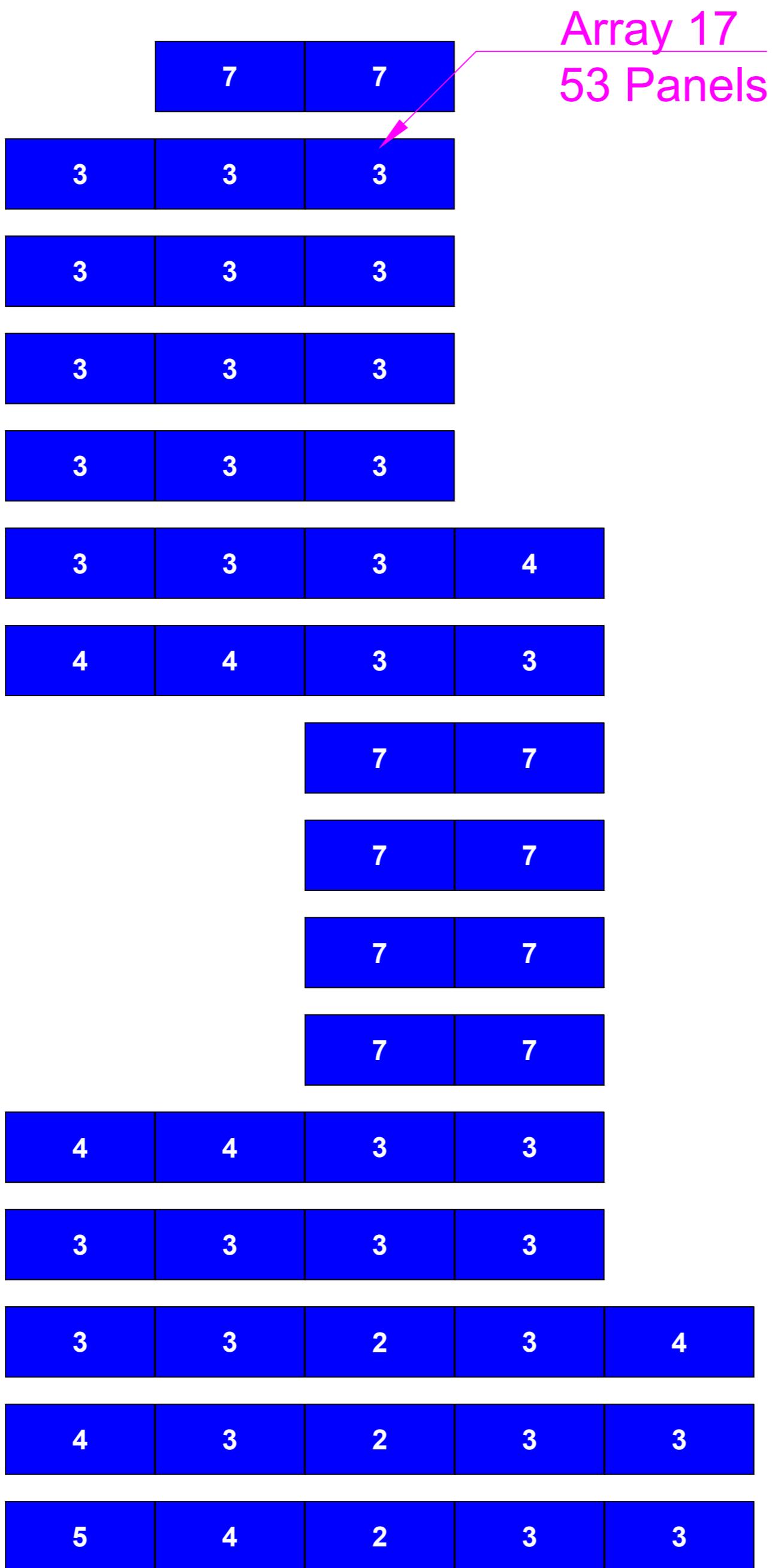
1050 KING ST. W, SUITE 03A104  
 TORONTO, ONTARIO M6K 0C7  
 CANADA

TOLL-FREE TEL: 1.888.661.3204  
 LOCAL TEL: 416.532.2500  
 EMAIL: info@kracking.com

WWW.KRACKING.COM

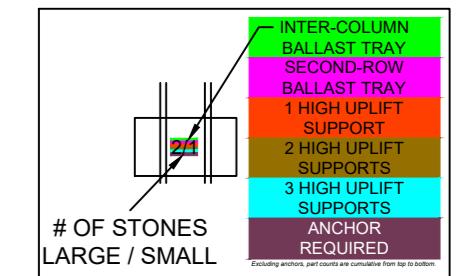
DRAWN BY:	CHECKED BY:	VERSION:
M.N.	Z.U.	1
PROJECT NO.: -	DRAWING NO.:	
DATE: 2025/12/11		
SHEET: 41 OF 67	<b>M-4.16</b>	

2	3	3
2	3	3
2	3	3
5		5
2	3	4
3	3	4
3	3	4
3	4	4
3	4	4
3	4	4
3	3	3
3	3	4
2	3	4
7		8
4		



NOTE:  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

#### LEGEND



ENGINEER'S SEAL

PAVER ARRAY 17

1125 50e Avenue, Lachine  
 1125 50e Avenue  
 Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE:

PROJECT:

CLIENT:

PROVIDER:

**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
 TORONTO, ONTARIO M6K 0C7  
 CANADA

TOLL - FREE TEL: 1 888 661 3204  
 LOCAL TEL: 416 532 2500  
 EMAIL: info@kracking.com

WWW.KRACKING.COM

DRAWN BY: CHECKED BY: VERSION:

M.N. Z.U. 1

PROJECT NO.: DRAWING NO.

DATE: -

2025/12/11

SHEET: 42 OF 67

M-4.17

5	4	2	3	3
---	---	---	---	---

**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

4	4	3
---	---	---

4	3	3
---	---	---

4	3	3
---	---	---

4	3	3
---	---	---

4	4	1	3	3
---	---	---	---	---

3	3	1	1	3	7
---	---	---	---	---	---

3	3	1	1	4	5
---	---	---	---	---	---

3	3	3	3
---	---	---	---

3	3	3	3
---	---	---	---

3	3	3	3
---	---	---	---

3	3	3	3
---	---	---	---

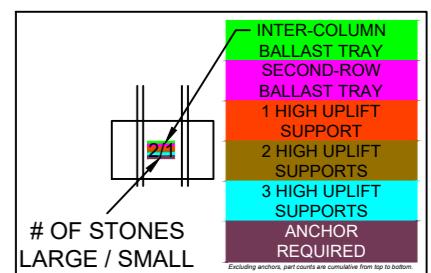
3	3	3	3
---	---	---	---

3	3	3	3
---	---	---	---

Array 18

53 Panels

### LEGEND



ENGINEER'S SEAL

PAVER ARRAY 18

1125 50e Avenue, Lachine  
 1125 50e Avenue  
 Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE:

PROJECT:

CLIENT:

PROVIDER:

**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
 TORONTO, ONTARIO M6K 0C7  
 CANADA

TOLL-FREE TEL: 1.888.661.3204  
 LOCAL TEL: 416 532 2500  
 EMAIL: info@kracking.com

WWW.KRACKING.COM

DRAWN BY: CHECKED BY: VERSION:

M.N. Z.U. 1

PROJECT NO.: - DRAWING NO.

DATE: 2025/12/11

SHEET: 43 OF 67

M-4.18

4

4

4

7

7

**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

2	2	0	0	0	0	2	4	5
---	---	---	---	---	---	---	---	---

Array 19

3	1	0	1	0	0	2	5	5
---	---	---	---	---	---	---	---	---

2	1	0	1	0	0	2	4	5
---	---	---	---	---	---	---	---	---

2	1	0	1	0	0	1	3	5
---	---	---	---	---	---	---	---	---

4	3	3	2	1	2	3	3	5
---	---	---	---	---	---	---	---	---

4	3	4	5
---	---	---	---

4	4	3	3	10
---	---	---	---	----

4	3	3	7	8
---	---	---	---	---

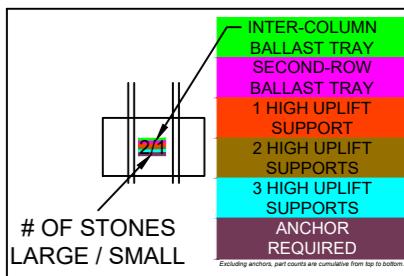
4	3	1	2	3	5
---	---	---	---	---	---

4	3	2	1	0	0	4	4	4
---	---	---	---	---	---	---	---	---

7	7	2	0	0	1	0	0	3	3	3
---	---	---	---	---	---	---	---	---	---	---

5	5	2	0	0	0	0	0	3	3	3
---	---	---	---	---	---	---	---	---	---	---

### LEGEND



ENGINEER'S SEAL

PAVER ARRAY 19

1125 50e Avenue, Lachine  
 1125 50e Avenue  
 Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE:  
 PROJECT:  
 CLIENT:  
 PROVIDER:

**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
 TORONTO, ONTARIO M6K 0C7  
 CANADA

TOLL - FREE TEL: 1.888.661.3204  
 LOCAL TEL: 416 532 2500  
 EMAIL: info@kracking.com

WWW.KRACKING.COM

DRAWN BY: CHECKED BY: VERSION:  
 M.N. Z.U. 1

PROJECT NO.:  
 - DRAWING NO.  
 DATE: 2025/12/11  
 SHEET: 44 OF 67 M-4.19

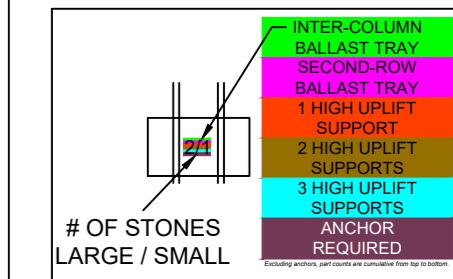
**NOTE:**  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m

3	3
3	3
3	3
4	4

3	3	2	0	0	2	2
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### LEGEND



ENGINEER'S SEAL

PAVER ARRAY 20

1125 50e Avenue, Lachine  
 1125 50e Avenue  
 Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE: PROJECT: CLIENT: PROVIDER:

**KB RACKING®**

1050 KING ST. W, SUITE 03A104  
 TORONTO, ONTARIO M6K 0C7  
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M.N. Z.U. 1

PROJECT NO.: DRAWING NO.

DATE: -

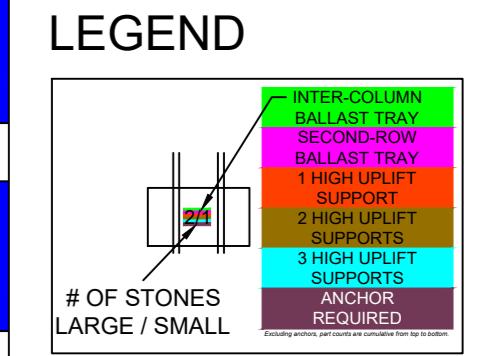
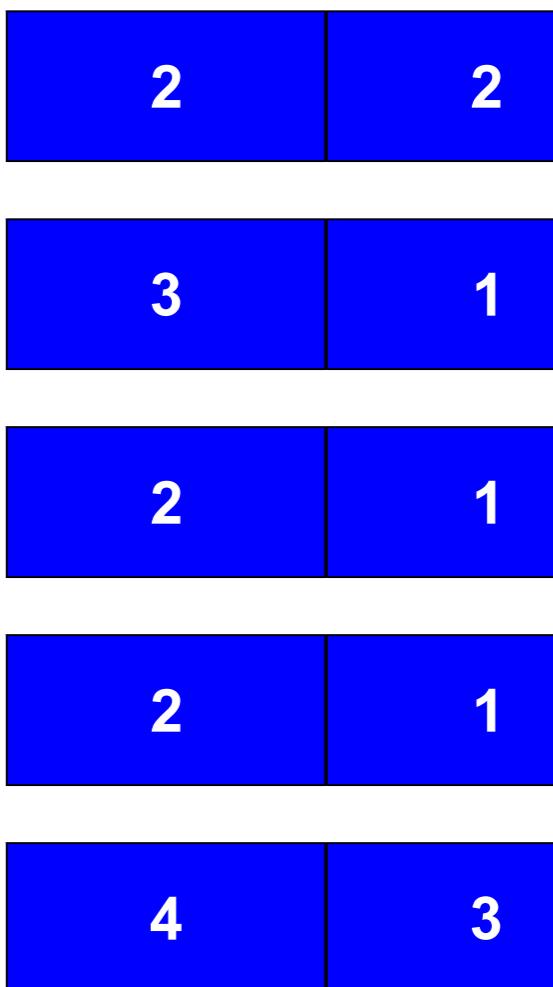
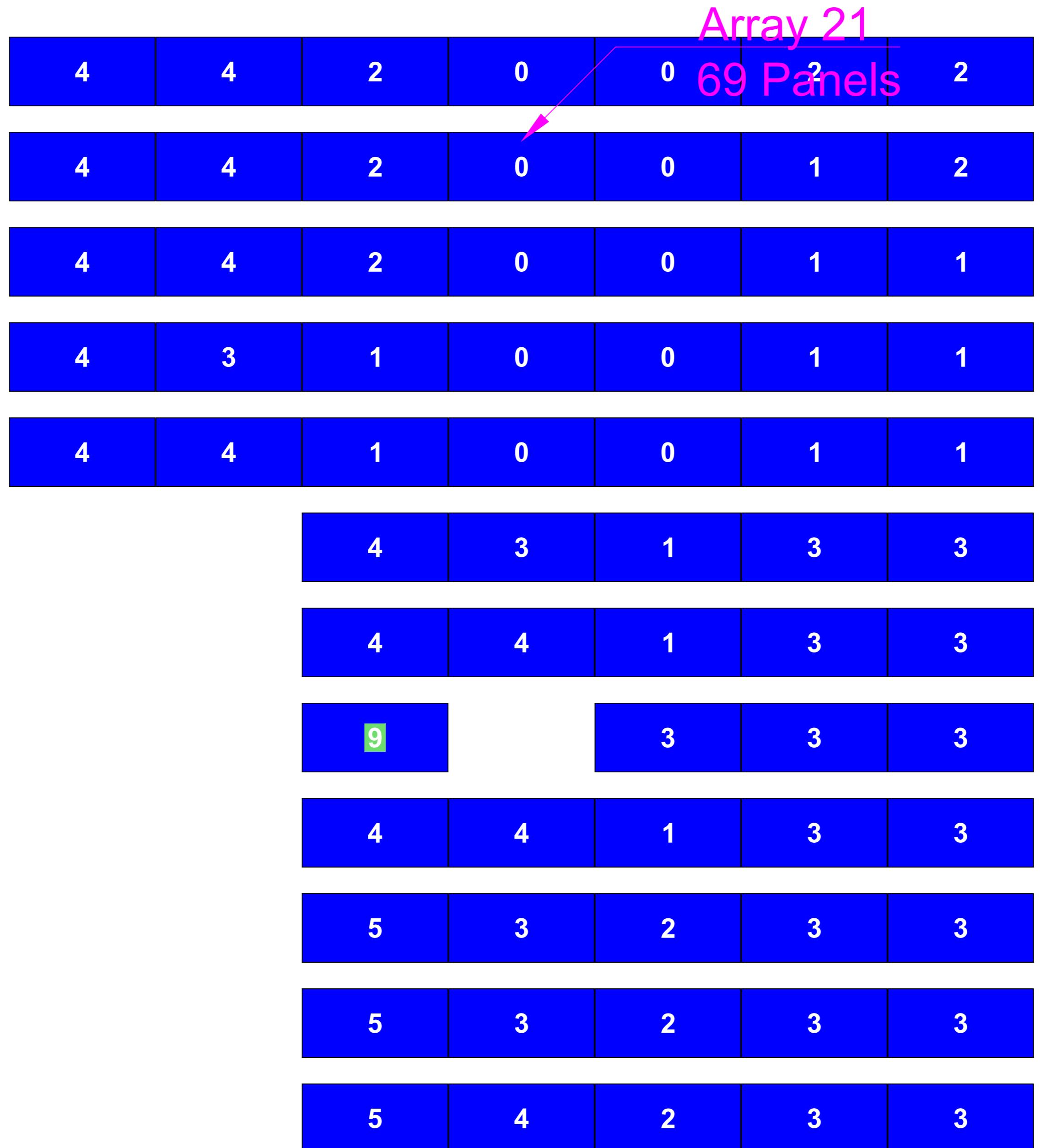
2025/12/11

SHEET: 45 OF 67

**M-4.20**

5	4	4

NOTE:  
 3050 Modules ( Jinko 625W )  
 DC Output: 1906.25 kW (DC)  
 AeroGrid L: 10 Degree Tilt  
 Row Spacing: 1.56m  
 Inter-Row Spacing: 0.44m  
 Setback from edge: 1.22m



ENGINEER'S SEAL

PAVER ARRAY 21

1125 50e Avenue, Lachine  
 1125 50e Avenue  
 Lachine, QC H8T 3P3

kWh Quebec Inc

DRAWING TITLE:	PROJECT:	CLIENT:
KB RACKING®	1050 KING ST. W, SUITE 03A104 TORONTO, ONTARIO M6K 0C7 CANADA	
	TOLL - FREE TEL: 1.888.661.3204 LOCAL TEL: 416 532 2500 EMAIL: info@kracking.com	
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M.N.	Z.U.	1
PROJECT NO.:	DRAWING NO.:	
-		
DATE:	M-4.21	
2025/12/11		
SHEET:	46 OF 67	